

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131453.D
 Acq On : 29 Nov 2022 11:15
 Operator : CG\JU
 Sample : PB149316BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149316BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/30/2022
 Supervised By : mohammad ahmed 12/01/2022

Quant Time: Nov 30 01:04:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	138573	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	522519	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	290355	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	537941	20.000	ng	0.00
76) Chrysene-d12	14.157	240	370978	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	291056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1046457	143.725	ng	0.02
7) Phenol-d6	6.575	99	1331622	143.344	ng	0.00
23) Nitrobenzene-d5	7.516	82	828683	79.945	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	379587	155.391	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1474809	73.895	ng	0.00
79) Terphenyl-d14	13.098	244	1805019	79.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.851	88	149771	43.147	ng	# 90
3) Pyridine	3.604	79	404927	42.012	ng	# 84
4) n-Nitrosodimethylamine	3.569	42	223240	39.275	ng	# 74
6) Aniline	6.610	93	400133m	32.866	ng	
8) 2-Chlorophenol	6.734	128	419071	50.804	ng	93
9) Benzaldehyde	6.498	77	228663	40.068	ng	93
10) Phenol	6.587	94	494962m	48.056	ng	
11) bis(2-Chloroethyl)ether	6.681	93	397283	46.038	ng	98
12) 1,3-Dichlorobenzene	6.887	146	432603	44.004	ng	99
13) 1,4-Dichlorobenzene	6.963	146	436136	43.660	ng	100
14) 1,2-Dichlorobenzene	7.116	146	419328	45.590	ng	97
15) Benzyl Alcohol	7.092	79	342310	44.940	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.222	45	648892	39.318	ng	94
17) 2-Methylphenol	7.198	107	357602	50.864	ng	95
18) Hexachloroethane	7.463	117	158499	44.354	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	282184	41.494	ng	92
20) 3+4-Methylphenols	7.351	107	408820	45.542	ng	# 86
22) Acetophenone	7.363	105	547197	41.142	ng	# 92
24) Nitrobenzene	7.534	77	445816	41.280	ng	96
25) Isophorone	7.775	82	803522	43.449	ng	97
26) 2-Nitrophenol	7.851	139	216225	59.641	ng	86
27) 2,4-Dimethylphenol	7.886	122	384812	53.675	ng	92
28) bis(2-Chloroethoxy)met...	7.981	93	483681	46.048	ng	99
29) 2,4-Dichlorophenol	8.092	162	350803	45.110	ng	98
30) 1,2,4-Trichlorobenzene	8.175	180	388942	40.373	ng	99
31) Naphthalene	8.263	128	1149446	41.280	ng	99
32) Benzoic acid	8.010	122	255866	54.400	ng	97
33) 4-Chloroaniline	8.304	127	136256	12.404	ng	94
34) Hexachlorobutadiene	8.369	225	228179	36.578	ng	98
35) Caprolactam	8.686	113	118648m	58.061	ng	
36) 4-Chloro-3-methylphenol	8.792	107	374401	46.341	ng	99
37) 2-Methylnaphthalene	8.957	142	760256	40.297	ng	100
38) 1-Methylnaphthalene	9.057	142	723228	39.532	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	374732	39.770	ng	99
41) Hexachlorocyclopentadiene	9.104	237	444138	104.854	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	263347	49.268	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	280304	46.635	ng	97
46) 1,1'-Biphenyl	9.422	154	925171	41.754	ng	98
47) 2-Chloronaphthalene	9.451	162	734166	41.304	ng	98
48) 2-Nitroaniline	9.545	65	259046	47.999	ng	94
49) Acenaphthylene	9.869	152	1146250	42.304	ng	100
50) Dimethylphthalate	9.722	163	846079	41.823	ng	100
51) 2,6-Dinitrotoluene	9.786	165	198231	48.998	ng	# 81
52) Acenaphthene	10.039	154	805801m	47.493	ng	
53) 3-Nitroaniline	9.957	138	115089	27.684	ng	99
54) 2,4-Dinitrophenol	10.063	184	240856	111.111	ng	85
55) Dibenzofuran	10.216	168	1011027	41.419	ng	96
56) 4-Nitrophenol	10.122	139	342435	118.687	ng	89
57) 2,4-Dinitrotoluene	10.192	165	273086	53.647	ng	95
58) Fluorene	10.557	166	791638	41.555	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.327	232	241256	48.197	ng	96
60) Diethylphthalate	10.427	149	787116	41.206	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	386993	39.627	ng	99
62) 4-Nitroaniline	10.580	138	211110	51.025	ng	86
63) Azobenzene	10.710	77	816678	39.762	ng	92
65) 4,6-Dinitro-2-methylph...	10.604	198	153916	61.390	ng	# 70
66) n-Nitrosodiphenylamine	10.669	169	706208	41.199	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	261844	39.714	ng	98
68) Hexachlorobenzene	11.104	284	286008	40.872	ng	94
69) Atrazine	11.198	200	254662	48.253	ng	98
70) Pentachlorophenol	11.304	266	329119	80.886	ng	98
71) Phenanthrene	11.527	178	1198422	41.222	ng	99
72) Anthracene	11.580	178	1213893	42.487	ng	99
73) Carbazole	11.733	167	1136997	46.653	ng	99
74) Di-n-butylphthalate	12.057	149	1234909	43.001	ng	99
75) Fluoranthene	12.721	202	1340508	43.758	ng	98
77) Benzidine	12.845	184	472445	68.946	ng	95
78) Pyrene	12.957	202	1359142	41.525	ng	99
80) Butylbenzylphthalate	13.568	149	488818	44.702	ng	96
81) Benzo(a)anthracene	14.145	228	1087326	42.760	ng	99
82) 3,3'-Dichlorobenzidine	14.110	252	190626	28.250	ng	98
83) Chrysene	14.186	228	1031914	41.363	ng	100
84) Bis(2-ethylhexyl)phtha...	14.127	149	589465	40.936	ng	# 98
85) Di-n-octyl phthalate	14.751	149	830295	41.691	ng	95
87) Indeno(1,2,3-cd)pyrene	17.262	276	886380	45.342	ng	97
88) Benzo(b)fluoranthene	15.233	252	922908	47.731	ng	# 98
89) Benzo(k)fluoranthene	15.268	252	848993	42.727	ng	99
90) Benzo(a)pyrene	15.627	252	772202	48.672	ng	# 98
91) Dibenzo(a,h)anthracene	17.286	278	741006	45.913	ng	98
92) Benzo(g,h,i)perylene	17.739	276	755244	46.886	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

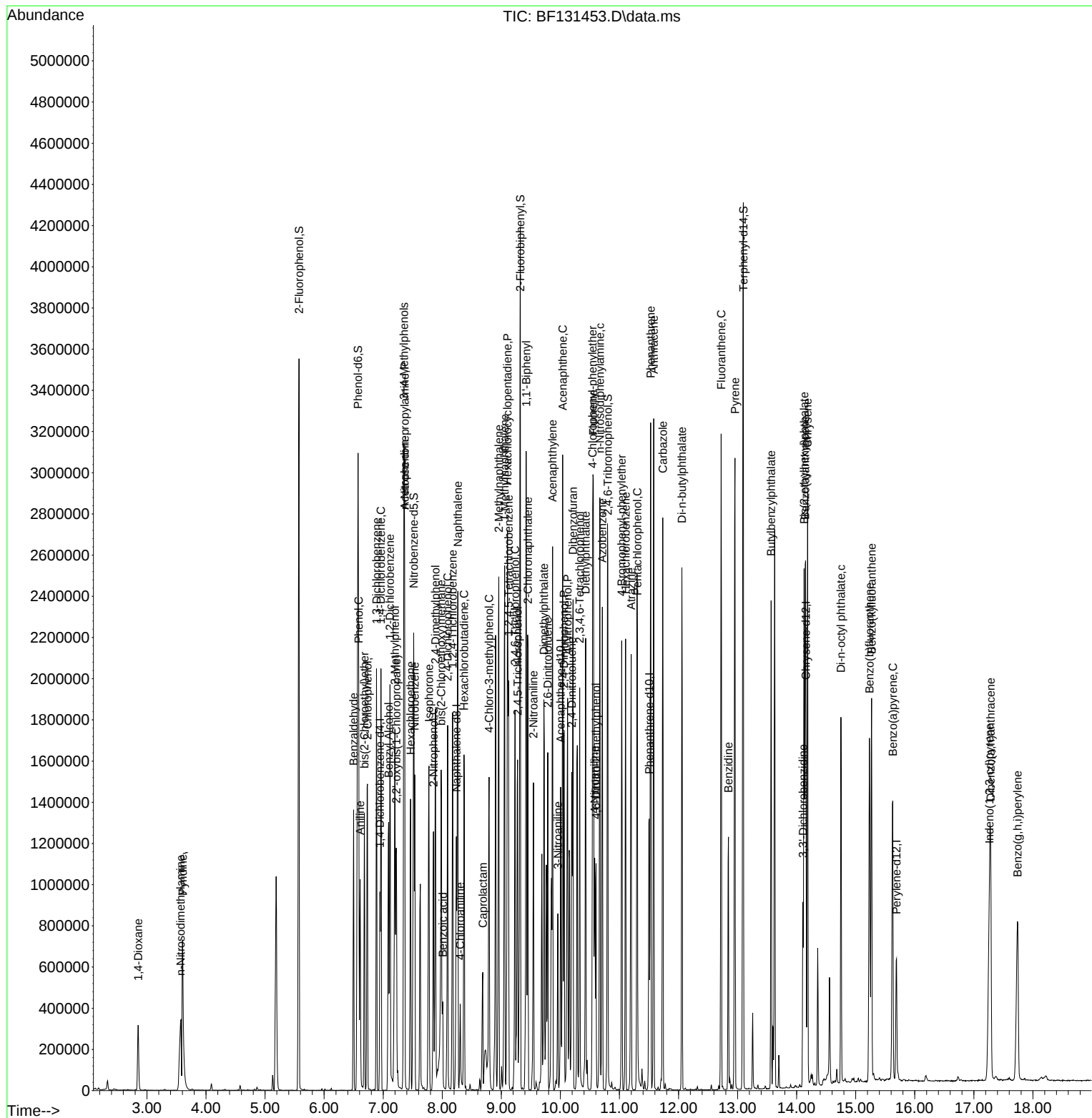
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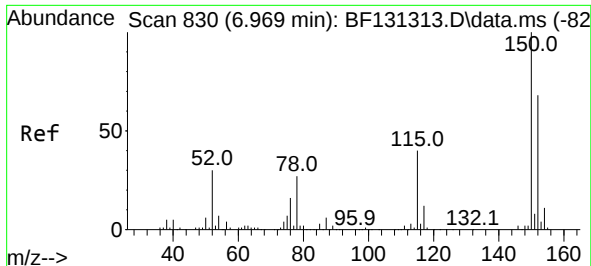
Instrument :
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Manual Integrations APPROVED

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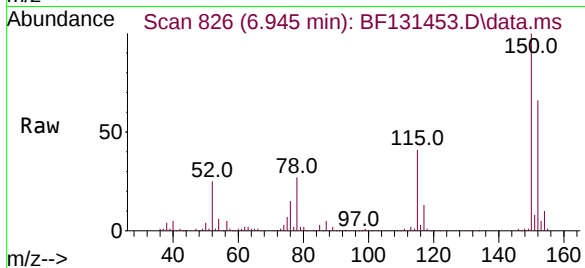
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

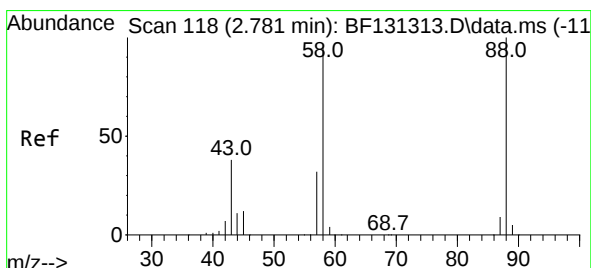
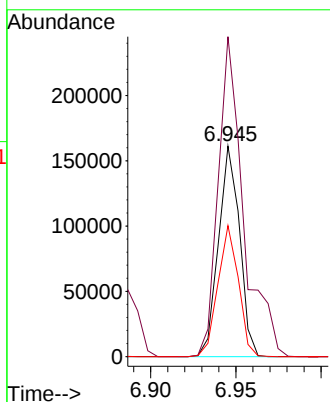
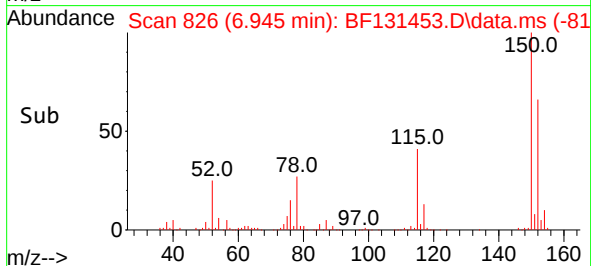
Instrument :
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ClientSampleId :
PB149316BS



Tgt Ion:152 Resp: 138573
Ion Ratio Lower Upper
152 100
150 152.0 117.8 176.8
115 62.2 47.1 70.7

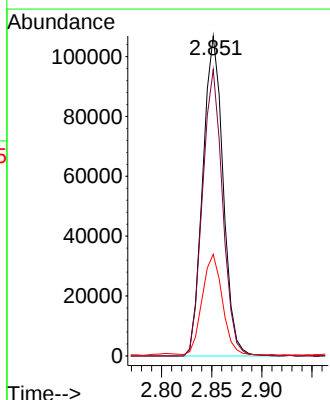
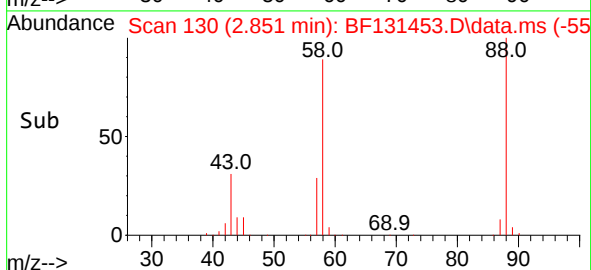
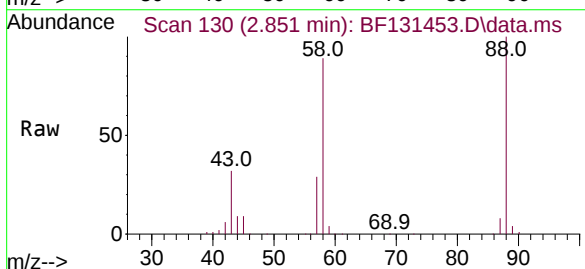
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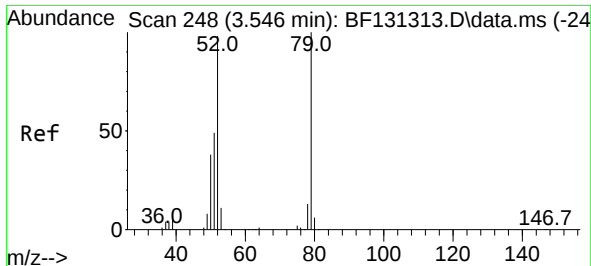
Reviewed By :Christian Giraldo 11/30/2022
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#2
1,4-Dioxane
Concen: 43.147 ng
RT: 2.851 min Scan# 130
Delta R.T. 0.094 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

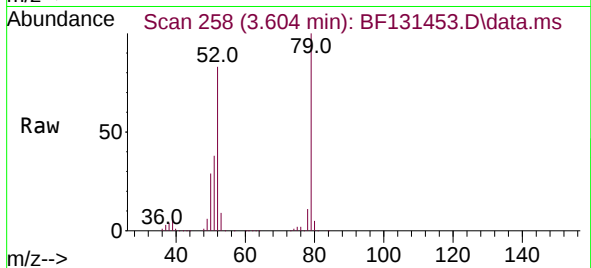
Tgt Ion: 88 Resp: 149771
Ion Ratio Lower Upper
88 100
58 88.5 78.2 117.4
43 31.5 31.6 47.4#





#3
Pyridine
Concen: 42.012 ng
RT: 3.604 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

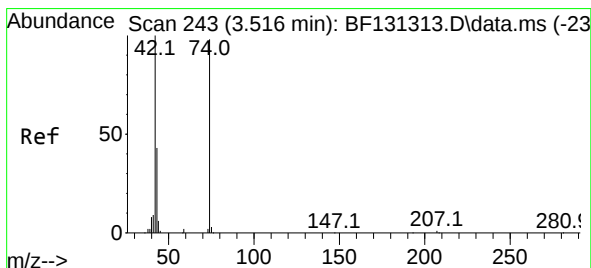
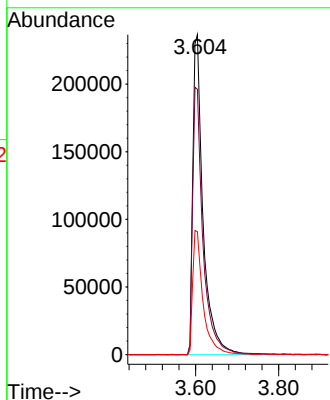
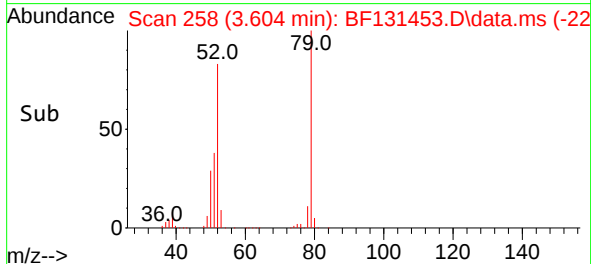
Instrument :
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ClientSampleId :
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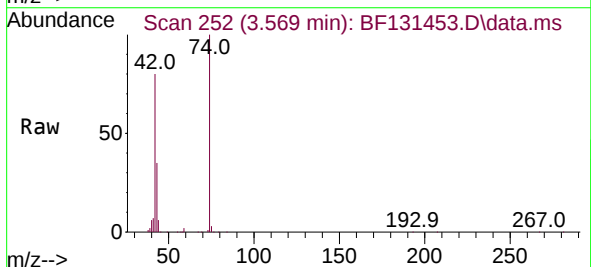
Tgt Ion: 79 Resp: 404927
Ion Ratio Lower Upper
79 100
52 82.9 78.7 118.1
51 38.4 39.3 58.9

Manual Integrations
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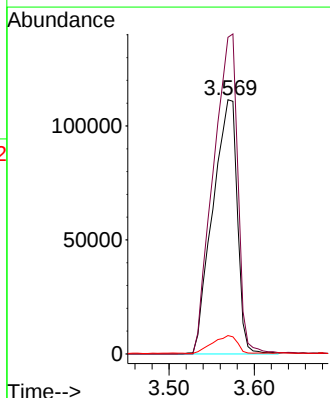
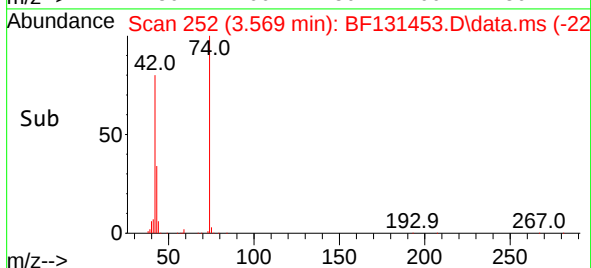
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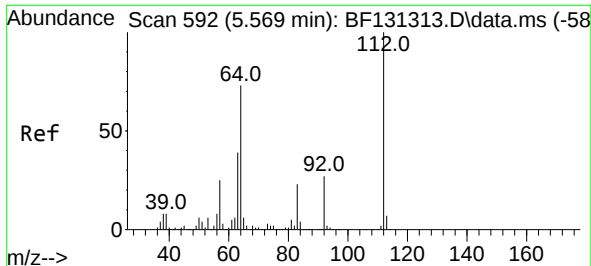


#4
n-Nitrosodimethylamine
Concen: 39.275 ng
RT: 3.569 min Scan# 252
Delta R.T. 0.070 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion: 42 Resp: 223240
Ion Ratio Lower Upper
42 100
74 124.5 78.0 117.0#
44 7.2 5.2 7.8





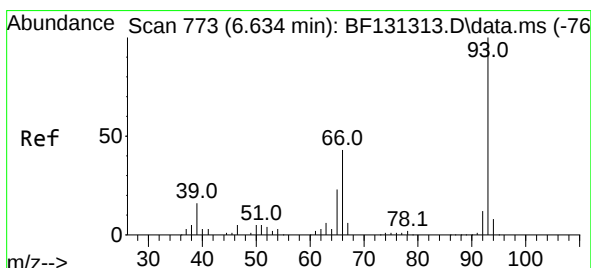
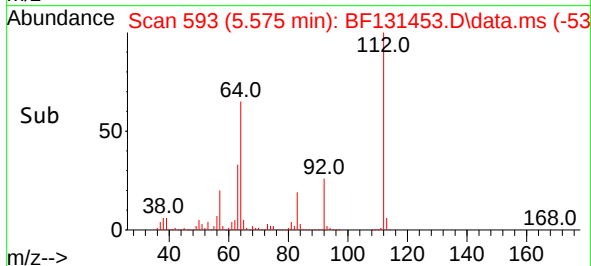
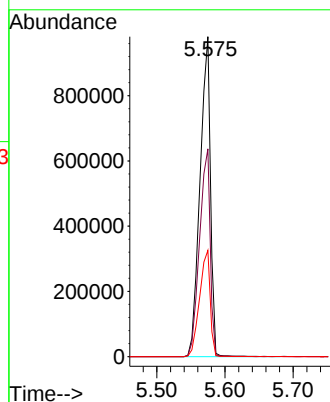
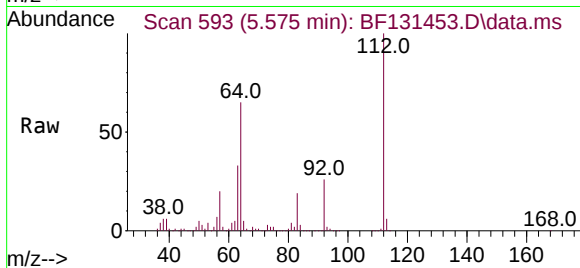
#5
2-Fluorophenol
Concen: 143.725 ng
RT: 5.575 min Scan# 592
Delta R.T. 0.018 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :
BNA_F
ClientSampleId :
PB149316BS

Tgt Ion:112 Resp: 104645
Ion Ratio Lower Upper
112 100
64 64.9 58.6 88.0
63 33.2 31.4 47.0

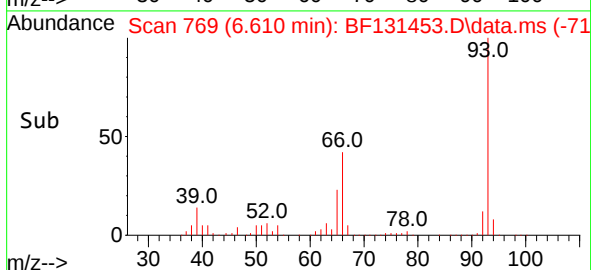
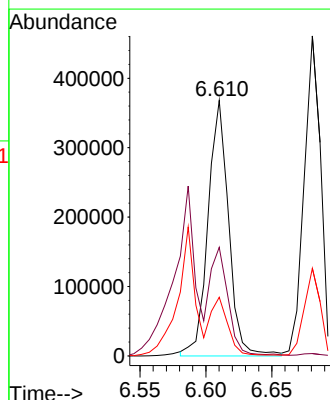
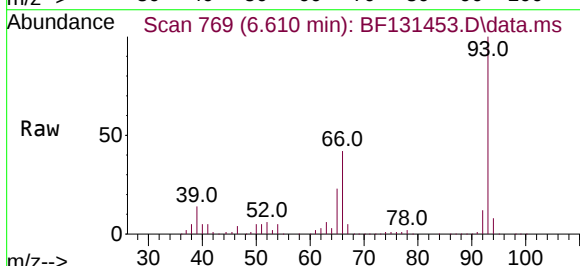
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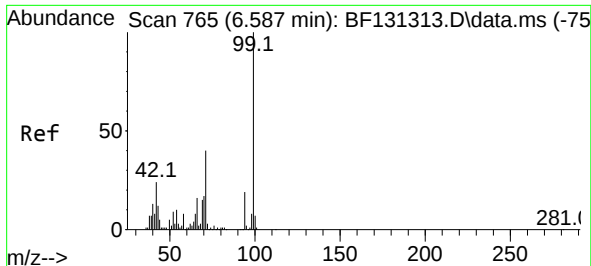
Reviewed By :Christian Giraldo 11/30/2022
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#6
Aniline
Concen: 32.866 ng m
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

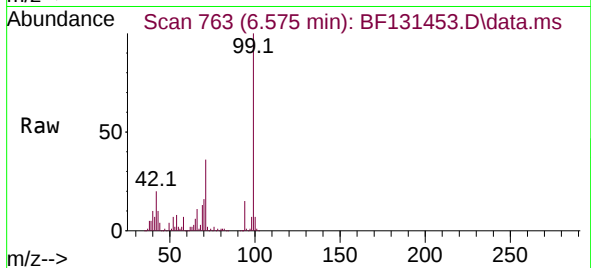
Tgt Ion: 93 Resp: 400133
Ion Ratio Lower Upper
93 100
66 42.5 35.6 53.4
65 22.9 18.4 27.6





#7
Phenol-d6
Concen: 143.344 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131453.D
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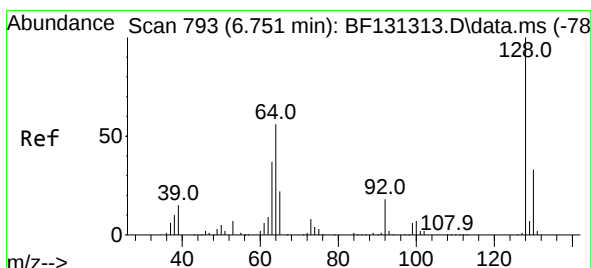
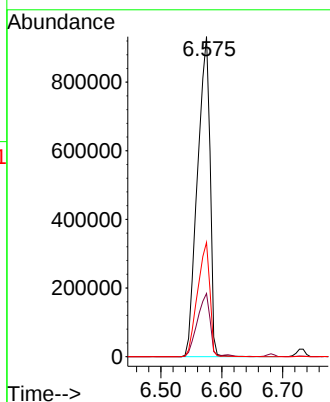
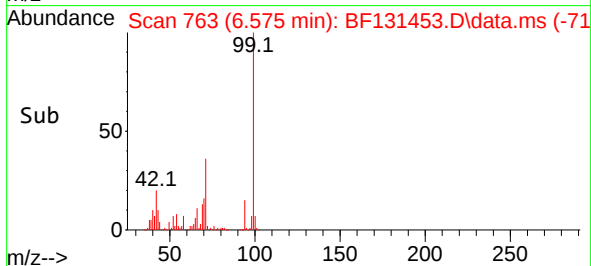
Instrument :
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Tgt Ion: 99 Resp: 1331622
Ion Ratio Lower Upper
99 100
42 19.7 19.4 29.2
71 35.7 32.3 48.5

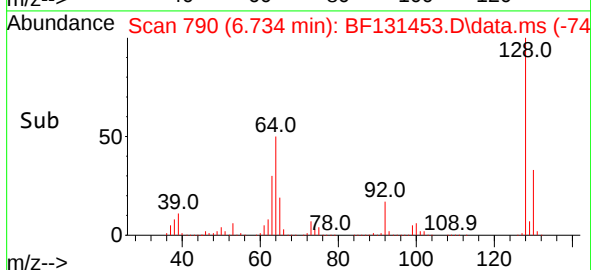
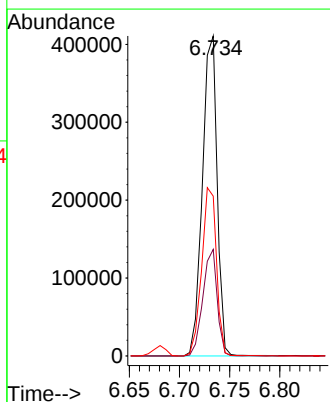
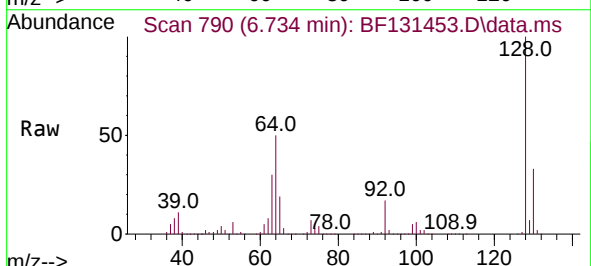
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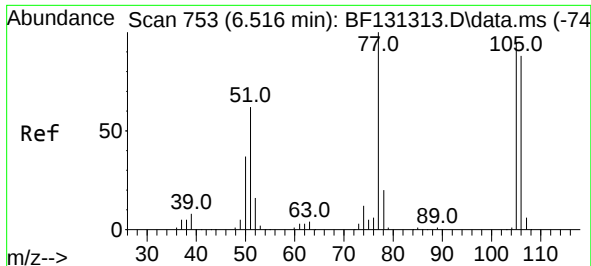
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#8
2-Chlorophenol
Concen: 50.804 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131453.D
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Tgt Ion:128 Resp: 419071
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 49.9 36.9 76.9





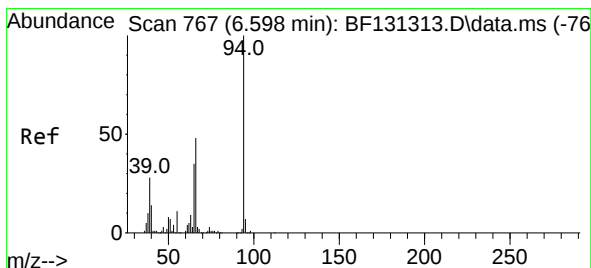
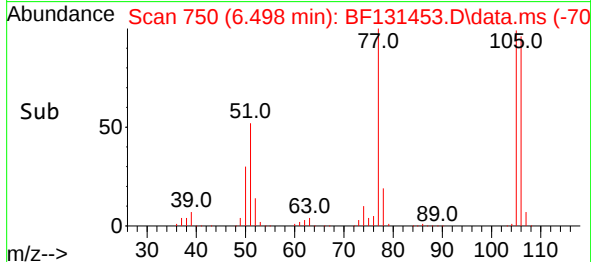
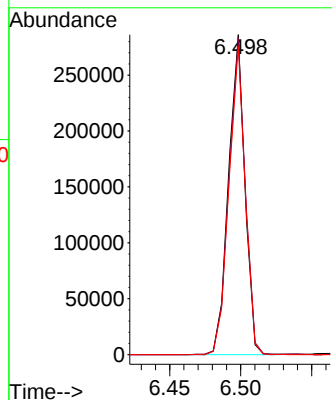
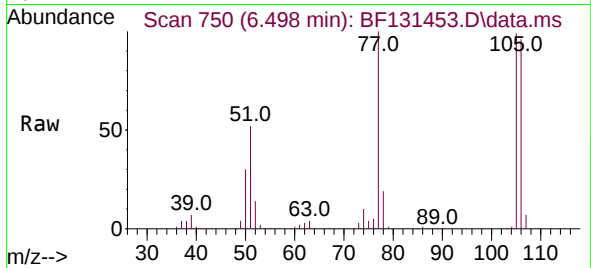
#9
Benzaldehyde
Concen: 40.068 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :
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Tgt Ion: 77 Resp: 228663
Ion Ratio Lower Upper
77 100
105 99.0 74.5 114.5
106 96.4 68.1 108.1

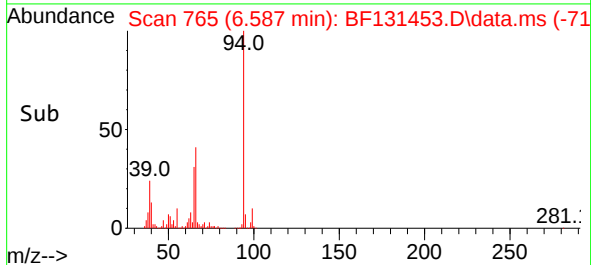
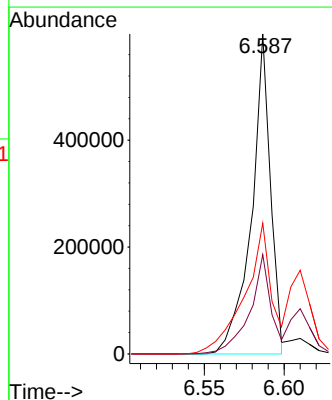
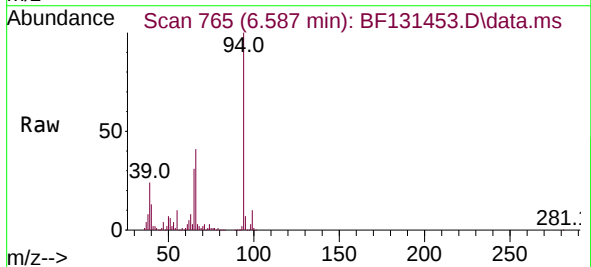
Manual Integrations
APPROVED

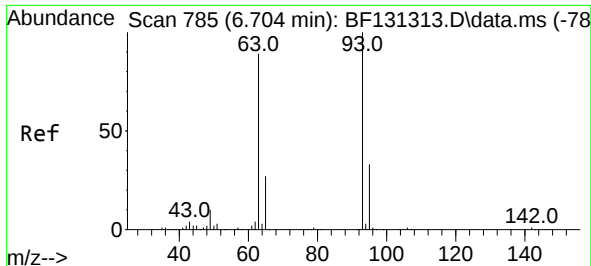
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#10
Phenol
Concen: 48.056 ng m
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion: 94 Resp: 494962
Ion Ratio Lower Upper
94 100
65 31.0 15.0 55.0
66 40.9 28.6 68.6





#11
bis(2-Chloroethyl)ether
Concen: 46.038 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

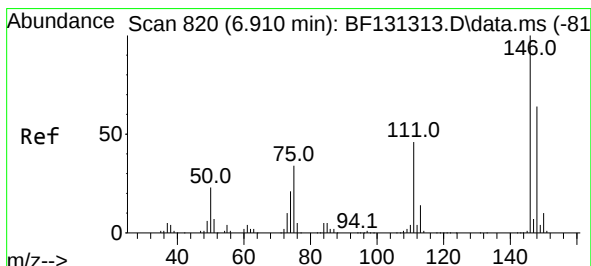
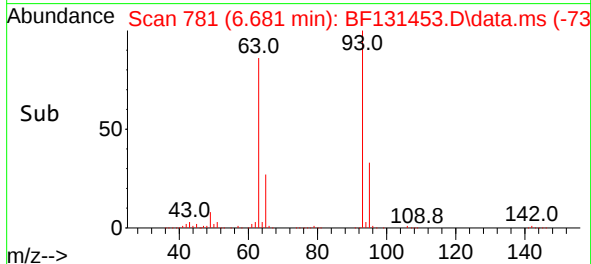
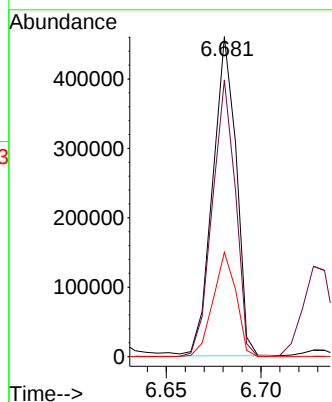
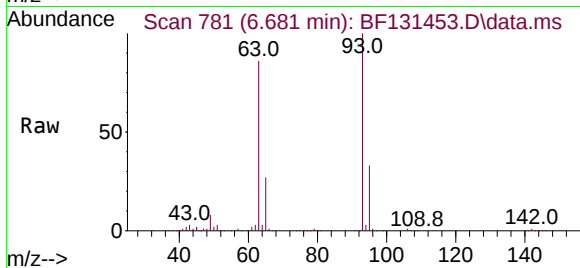
ClientSampleId :

PB149316BS

Tgt Ion: 93 Resp: 397283
Ion Ratio Lower Upper
93 100
63 86.5 68.6 108.6
95 32.6 13.1 53.1

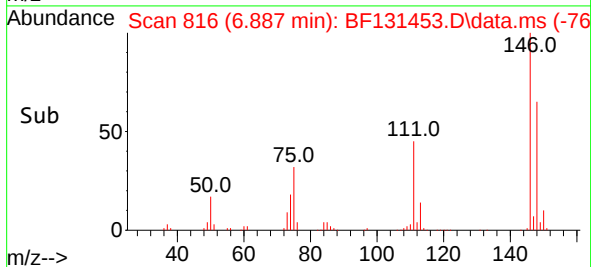
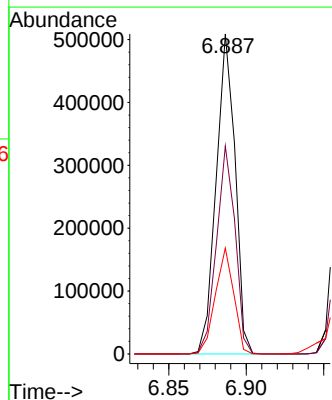
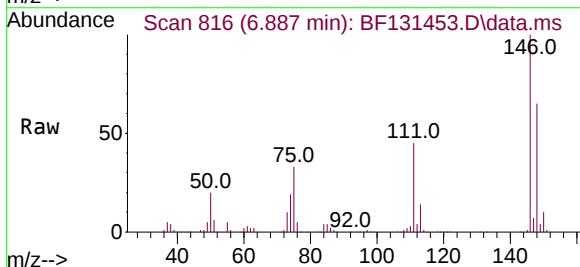
Manual Integrations
APPROVED

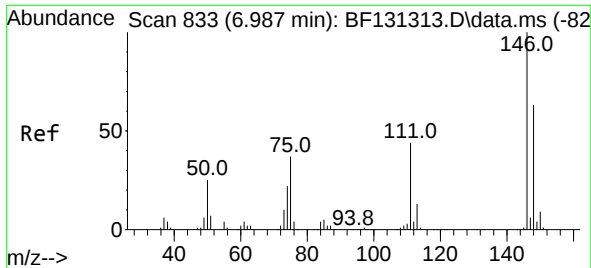
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#12
1,3-Dichlorobenzene
Concen: 44.004 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

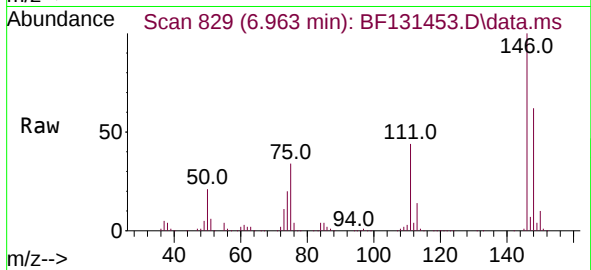
Tgt Ion:146 Resp: 432603
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 33.1 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 43.660 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

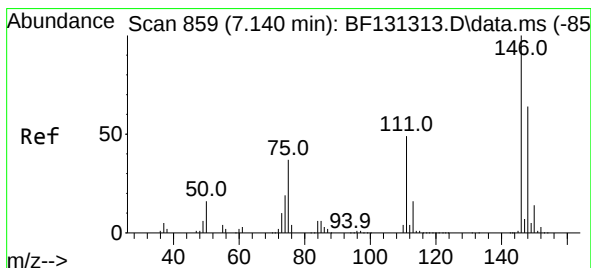
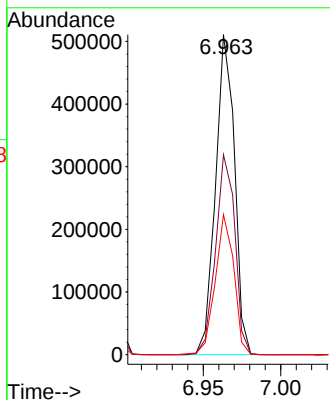
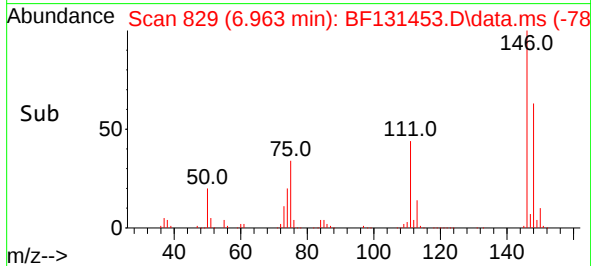
Instrument :
BNA_F
ClientSampleId :
PB149316BS



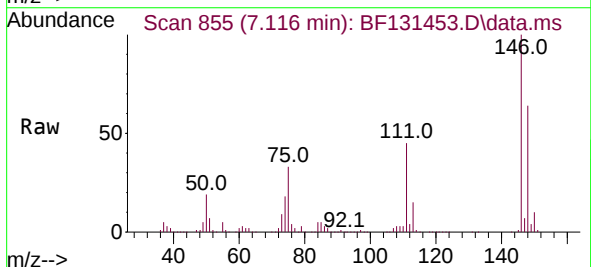
Tgt Ion:146 Resp: 436136
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 43.7 35.0 52.6

Manual Integrations
APPROVED

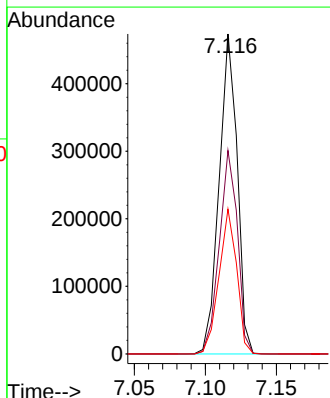
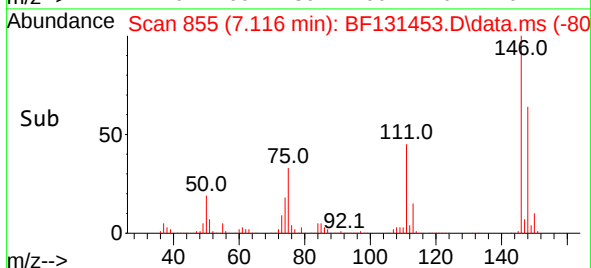
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

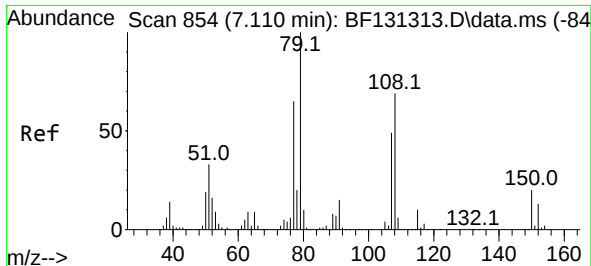


#14
1,2-Dichlorobenzene
Concen: 45.590 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



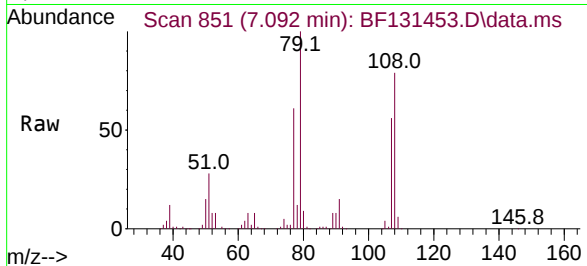
Tgt Ion:146 Resp: 419328
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 45.2 39.4 59.0





#15
Benzyl Alcohol
Concen: 44.940 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

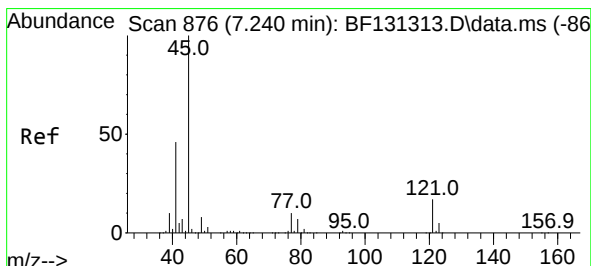
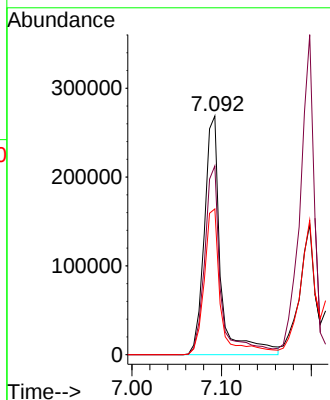
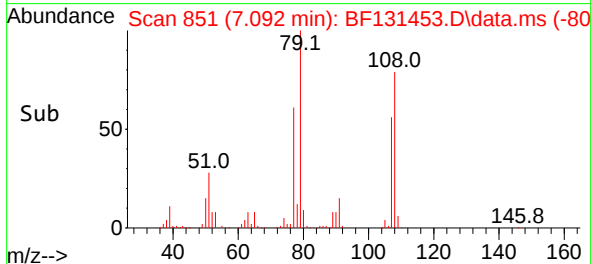
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion: 79 Resp: 342310
Ion Ratio Lower Upper
79 100
108 79.1 55.1 82.7
77 61.1 51.8 77.8

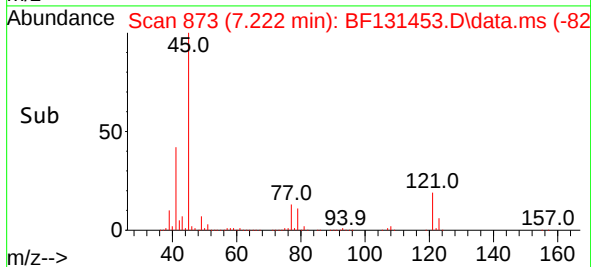
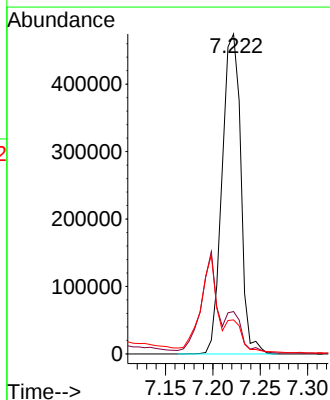
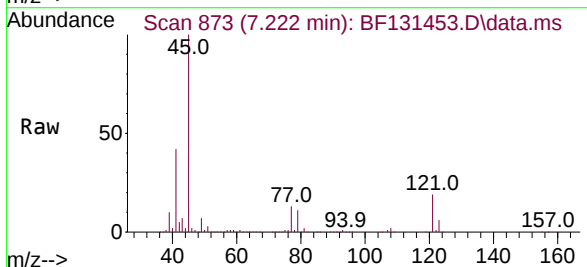
Manual Integrations
APPROVED

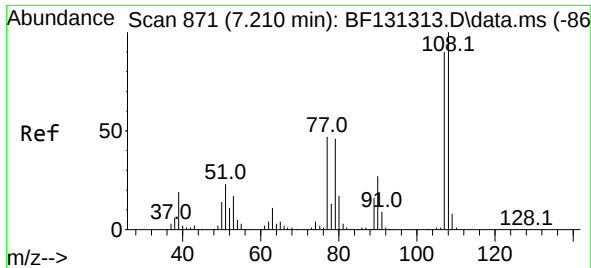
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.318 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion: 45 Resp: 648892
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.2
79 10.6 0.0 28.4





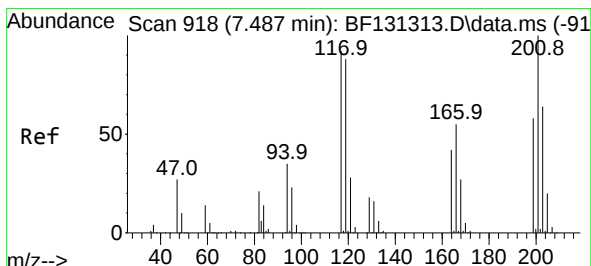
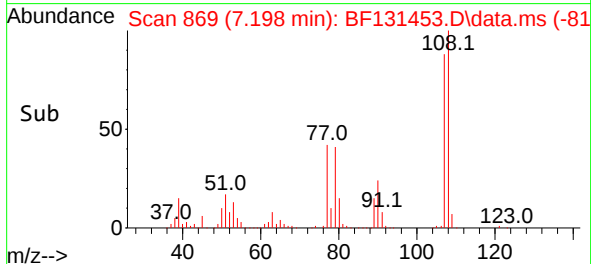
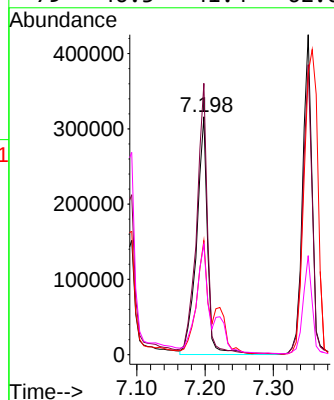
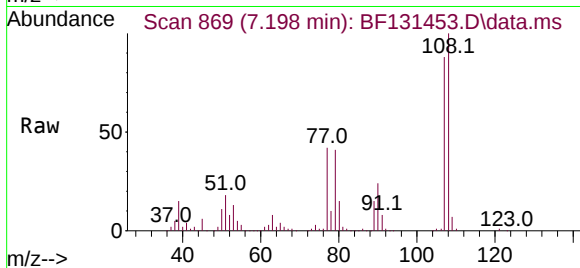
#17
2-Methylphenol
Concen: 50.864 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :
BNA_F
ClientSampleId :
PB149316BS

Tgt Ion:107 Resp: 357602
Ion Ratio Lower Upper
107 100
108 114.0 89.0 133.6
77 47.9 42.5 63.7
79 46.3 41.4 62.0

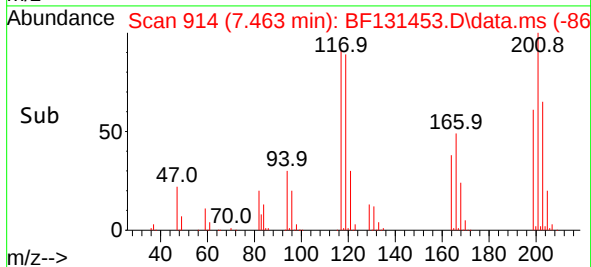
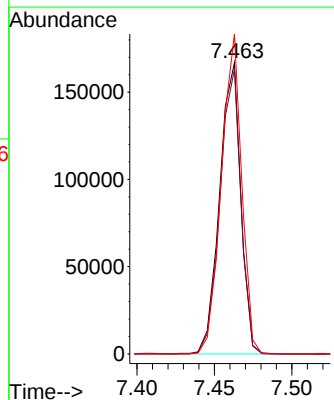
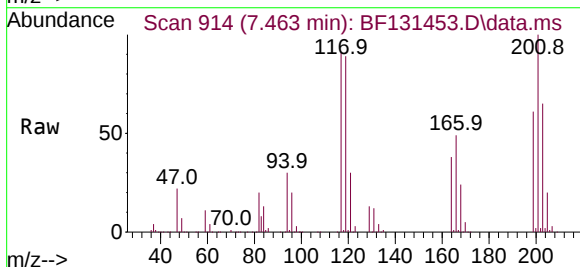
Manual Integrations
APPROVED

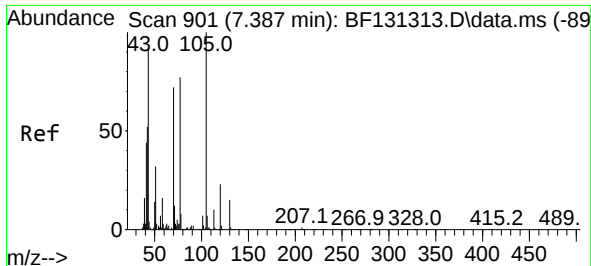
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#18
Hexachloroethane
Concen: 44.354 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

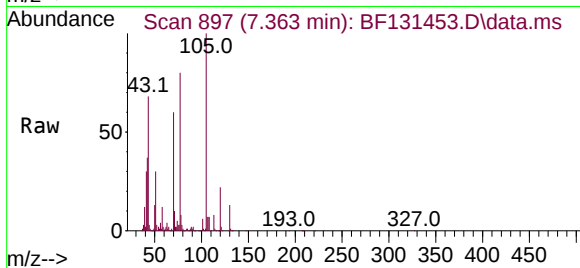
Tgt Ion:117 Resp: 158499
Ion Ratio Lower Upper
117 100
119 97.8 76.6 115.0
201 109.9 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.494 ng
RT: 7.363 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

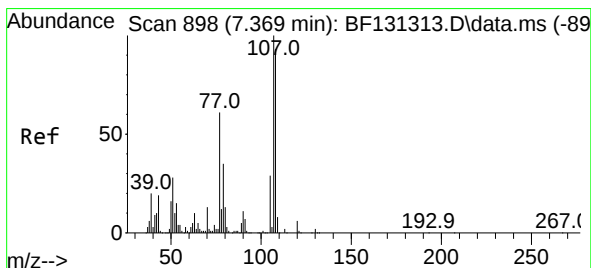
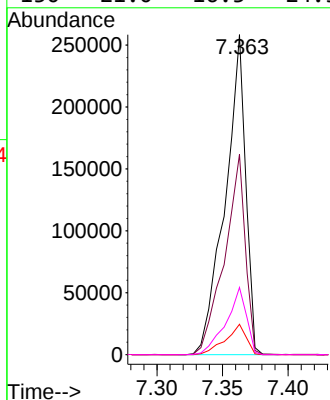
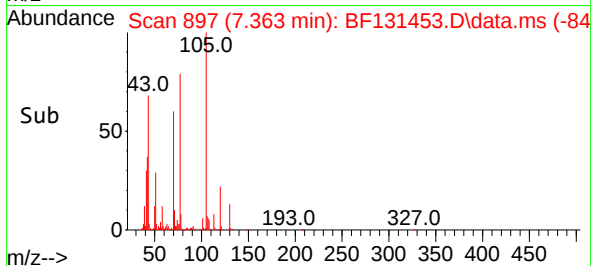
Instrument :
BNA_F
ClientSampleId :
PB149316BS



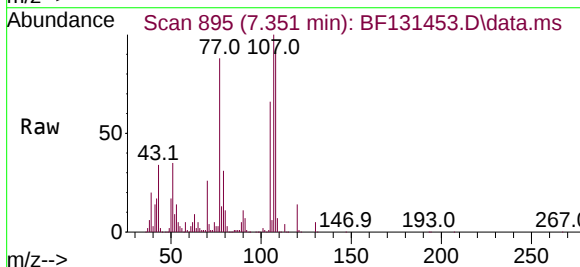
Tgt Ion: 70 Resp: 282184
Ion Ratio Lower Upper
70 100
42 62.6 57.6 86.4
101 9.5 8.2 12.2
130 21.0 16.3 24.5

Manual Integrations
APPROVED

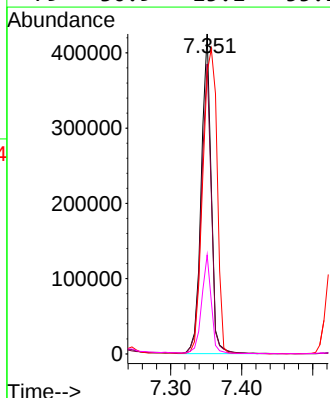
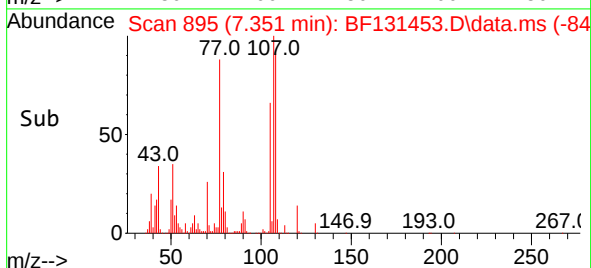
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

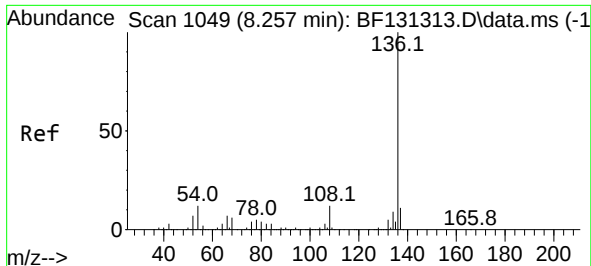


#20
3+4-Methylphenols
Concen: 45.542 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion:107 Resp: 408820
Ion Ratio Lower Upper
107 100
108 90.6 72.6 112.6
77 88.0 41.4 81.4#
79 30.9 15.1 55.1





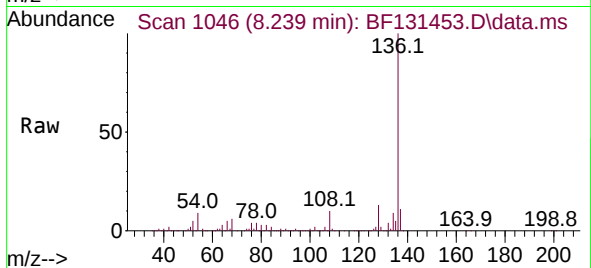
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

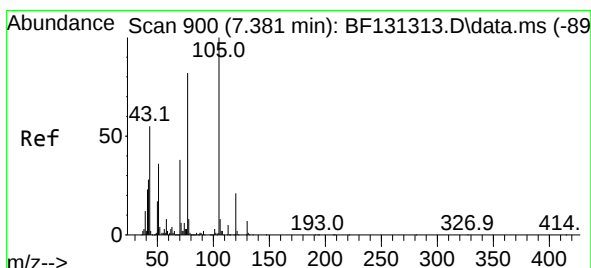
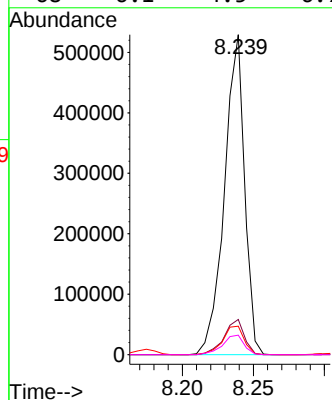
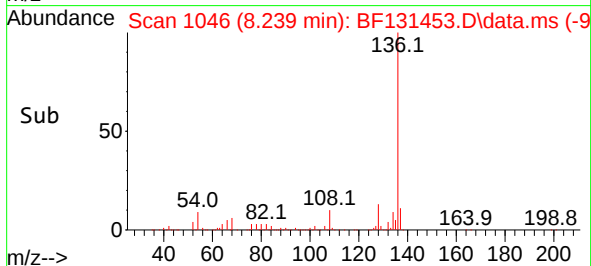


Tgt Ion:136 Resp: 522519
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.9 9.4 14.0
68 6.1 4.5 6.7

Manual Integrations

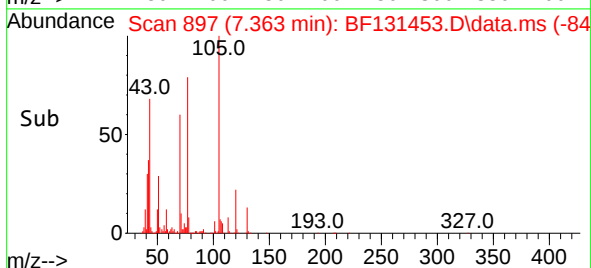
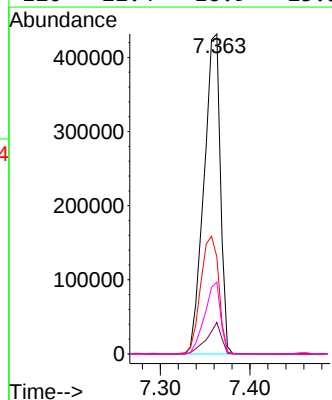
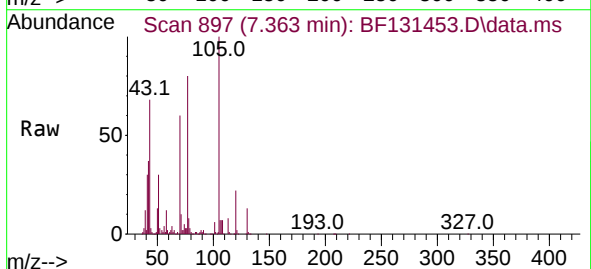
APPROVED

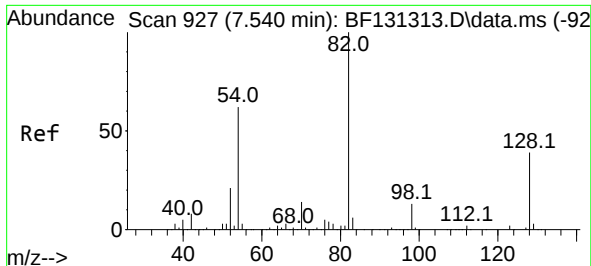
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#22
Acetophenone
Concen: 41.142 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:105 Resp: 547197
Ion Ratio Lower Upper
105 100
71 9.8 4.9 7.3#
51 30.3 29.0 43.4
120 22.4 16.9 25.3





#23
Nitrobenzene-d5
Concen: 79.945 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

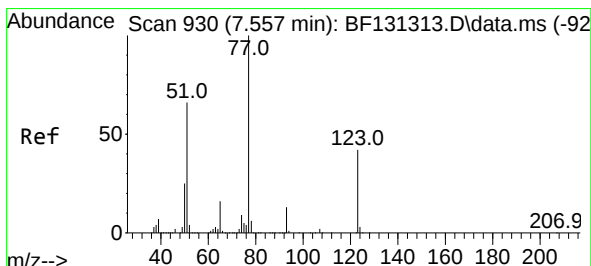
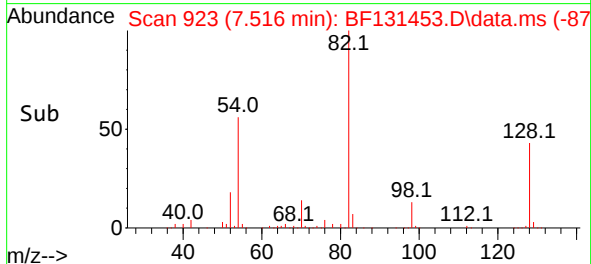
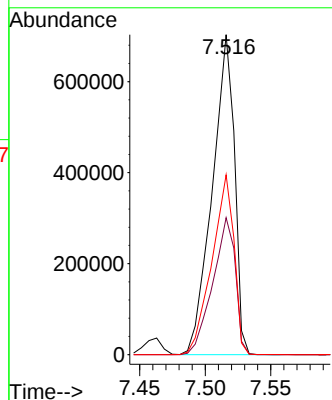
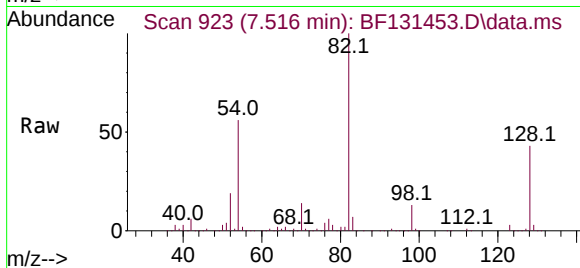
PB149316BS

Tgt Ion: 82 Resp: 828683
Ion Ratio Lower Upper
82 100
128 42.8 31.4 47.0
54 56.2 49.8 74.6

Manual Integrations

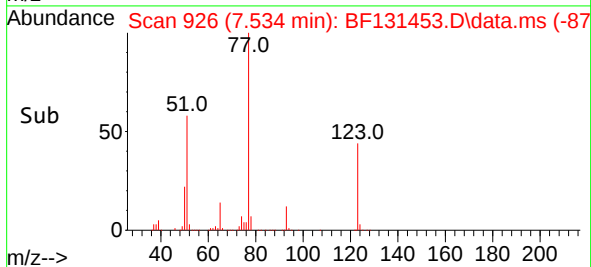
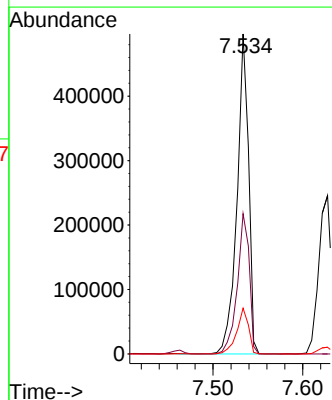
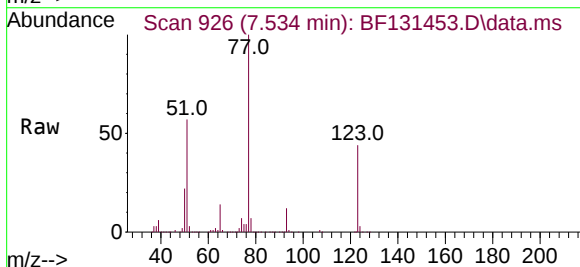
APPROVED

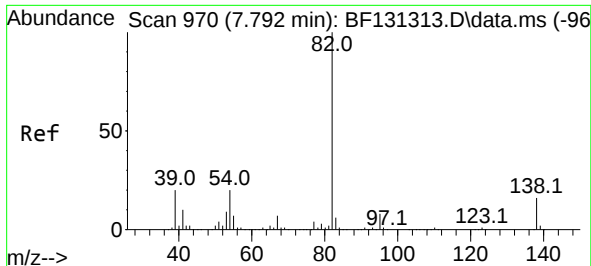
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#24
Nitrobenzene
Concen: 41.280 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion: 77 Resp: 445816
Ion Ratio Lower Upper
77 100
123 43.8 33.3 49.9
65 14.3 12.7 19.1





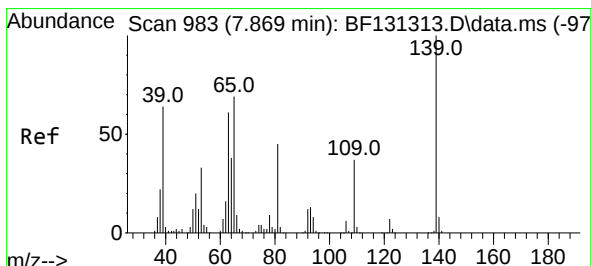
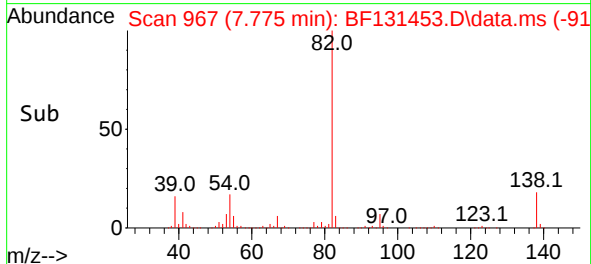
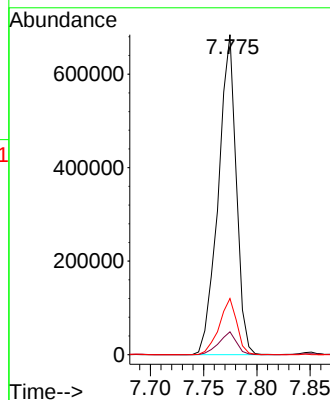
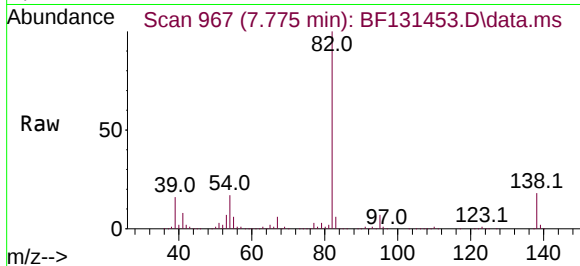
#25
Isophorone
Concen: 43.449 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :
BNA_F
ClientSampleId :
PB149316BS

Tgt Ion: 82 Resp: 80352
Ion Ratio Lower Upper
82 100
95 7.1 6.2 9.2
138 17.6 12.7 19.1

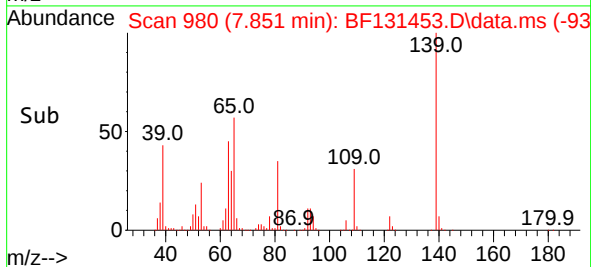
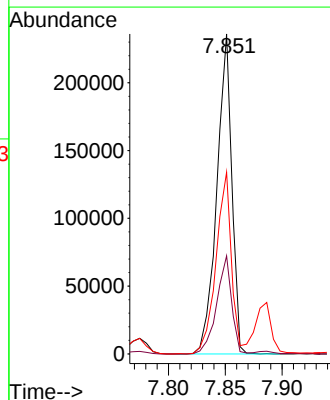
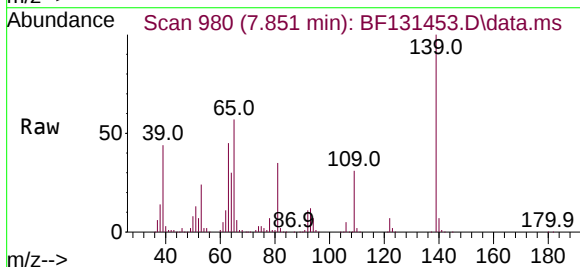
Manual Integrations
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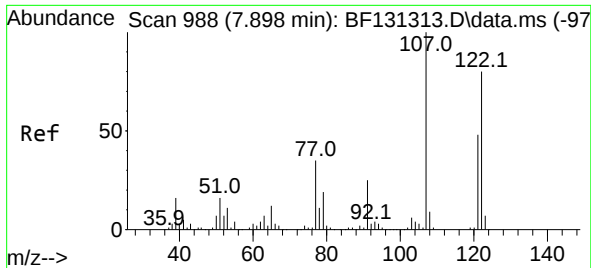
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#26
2-Nitrophenol
Concen: 59.641 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:139 Resp: 216225
Ion Ratio Lower Upper
139 100
109 30.6 29.9 44.9
65 56.8 55.7 83.5





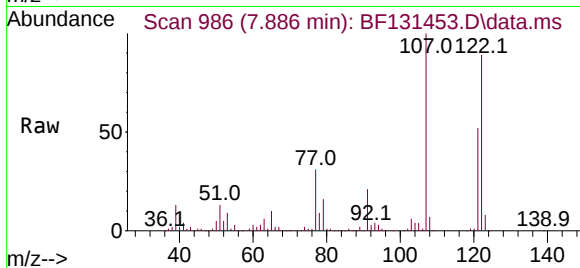
#27
2,4-Dimethylphenol
Concen: 53.675 ng
RT: 7.886 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

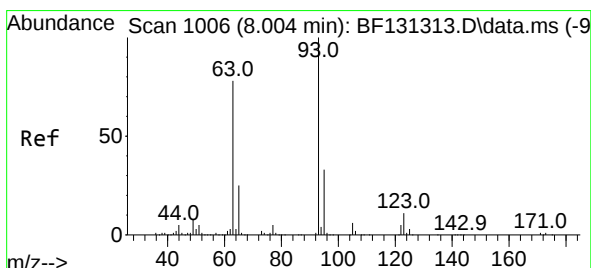
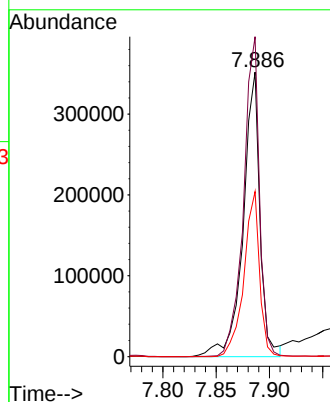
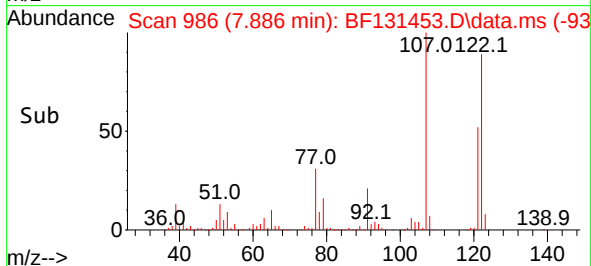


Tgt Ion:122 Resp: 384812
Ion Ratio Lower Upper
122 100
107 112.4 99.9 149.9
121 58.0 47.4 71.2

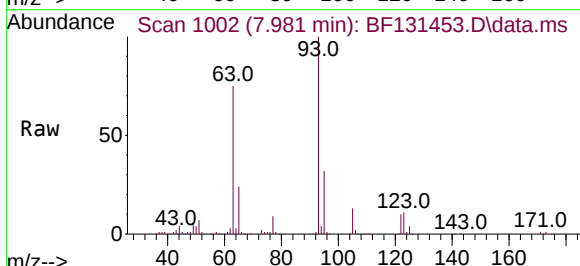
Manual Integrations

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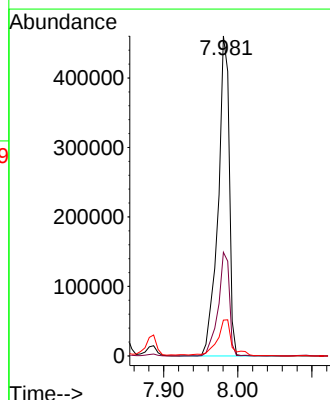
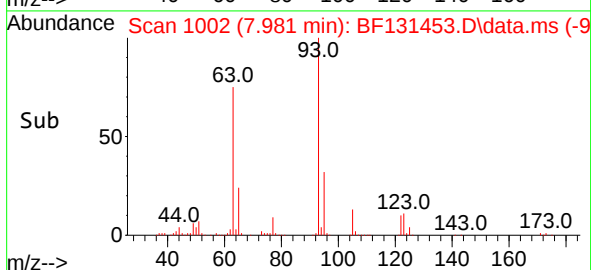
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

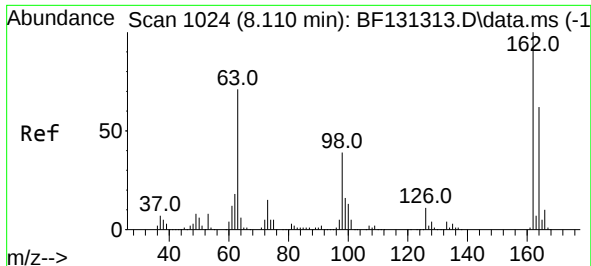


#28
bis(2-Chloroethoxy)methane
Concen: 46.048 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion: 93 Resp: 483681
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.110 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

Tgt Ion:162 Resp: 350803

Ion Ratio Lower Upper

162 100

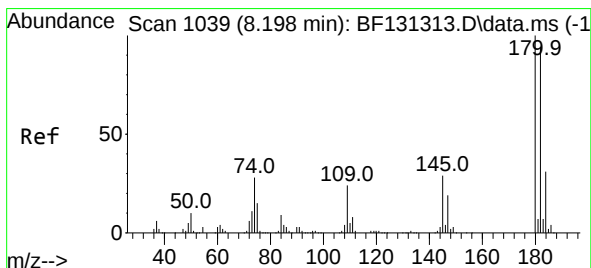
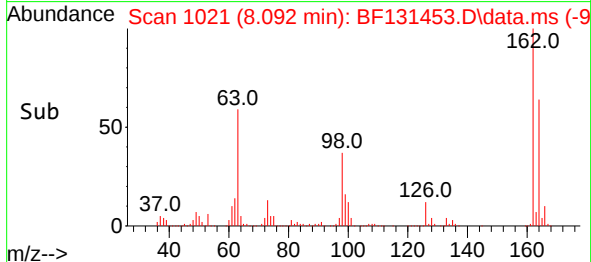
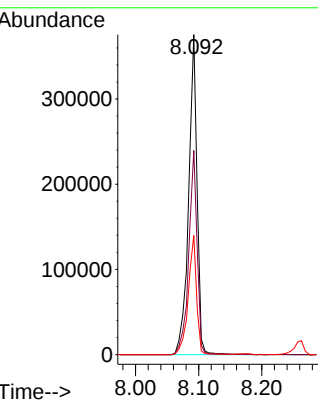
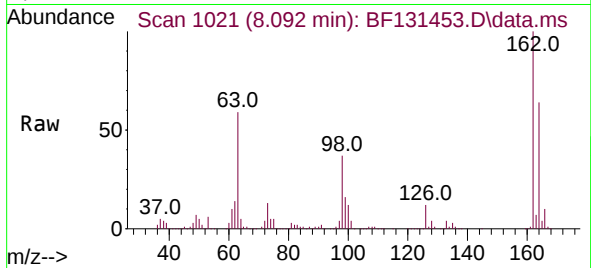
164 63.8 42.2 82.2

98 37.2 18.8 58.8

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 12/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.373 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

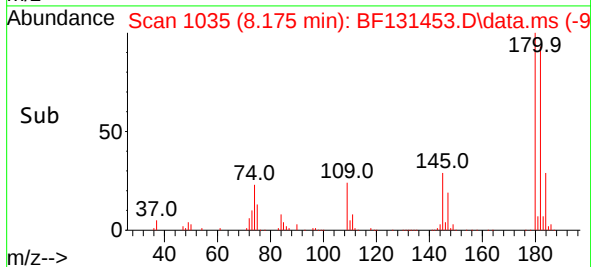
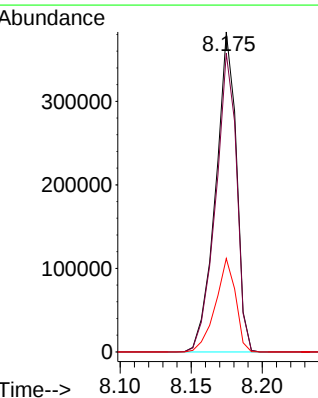
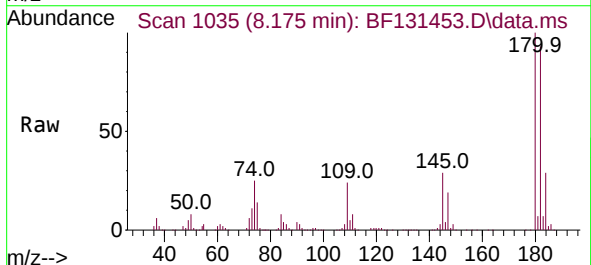
Tgt Ion:180 Resp: 388942

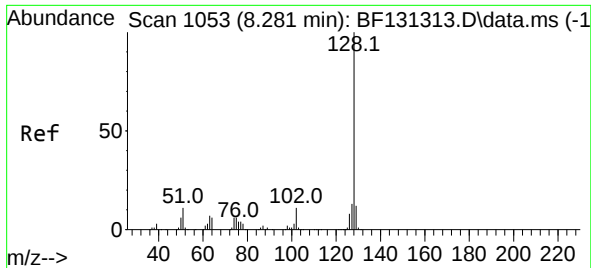
Ion Ratio Lower Upper

180 100

182 93.3 75.3 112.9

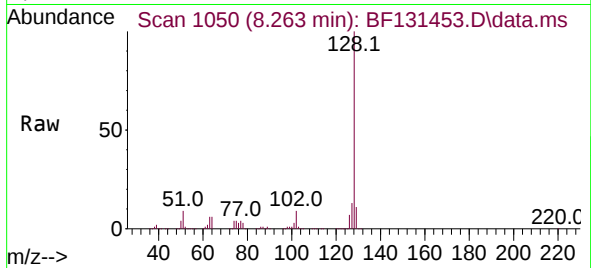
145 29.2 23.4 35.0





#31
Naphthalene
Concen: 41.280 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

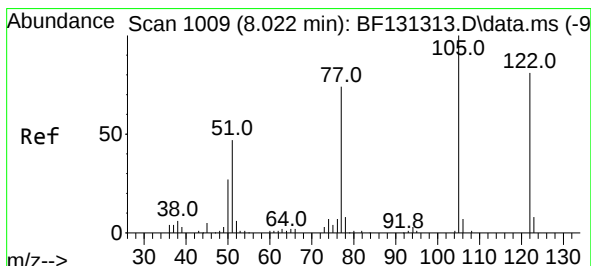
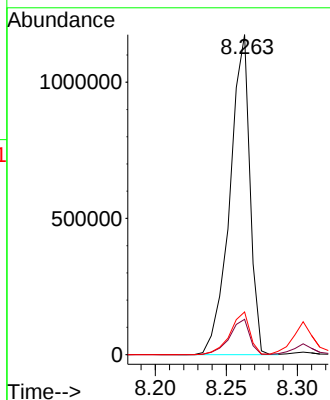
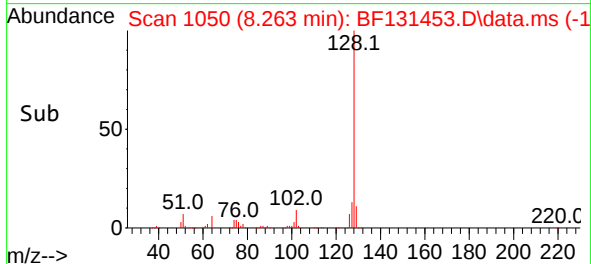
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion:128 Resp: 1149446
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.3 10.6 16.0

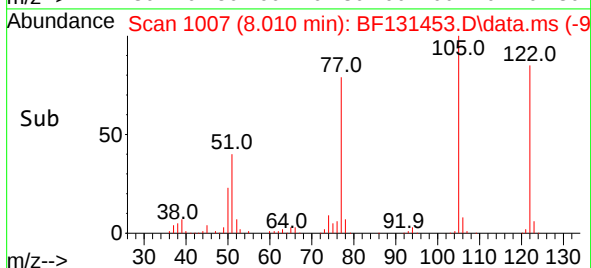
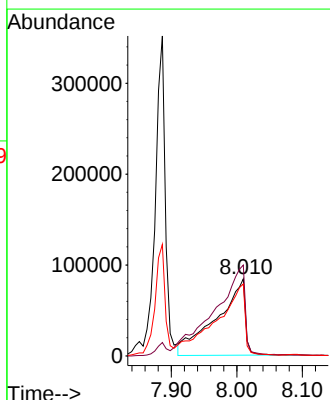
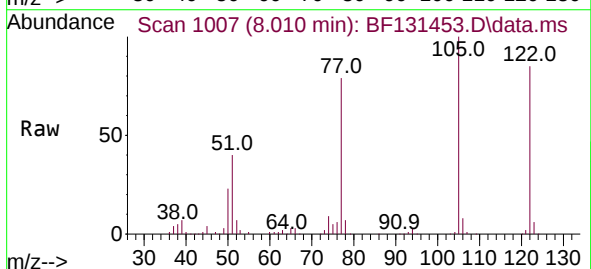
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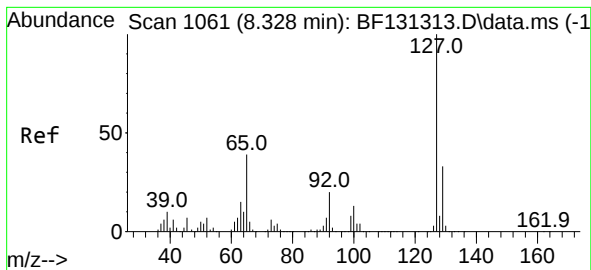
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#32
Benzoic acid
Concen: 54.400 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:122 Resp: 255866
Ion Ratio Lower Upper
122 100
105 118.0 103.8 143.8
77 93.4 74.3 114.3





#33
4-Chloroaniline
Concen: 12.404 ng
RT: 8.304 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

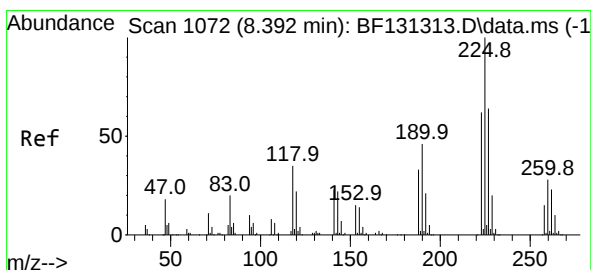
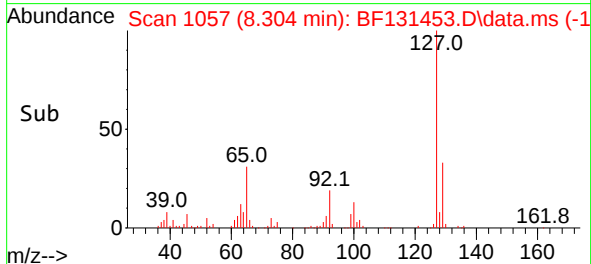
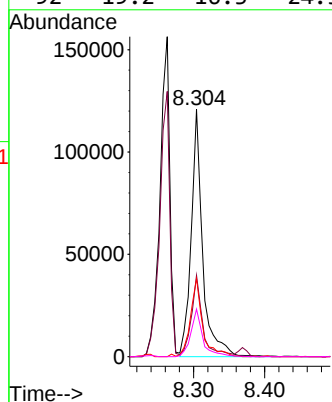
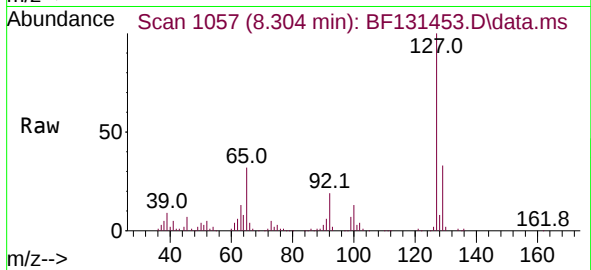
PB149316BS

Tgt Ion:127 Resp: 136256
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 31.6 31.0 46.6
92 19.2 16.3 24.5

Manual Integrations

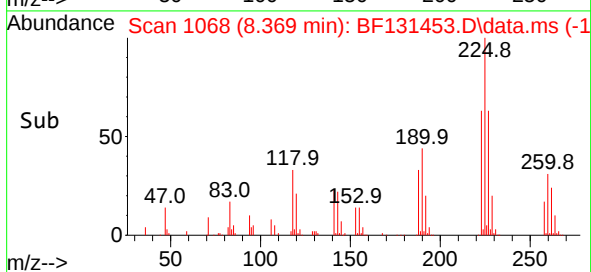
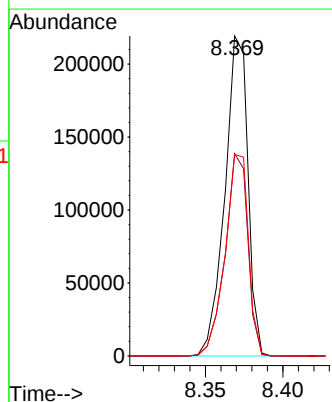
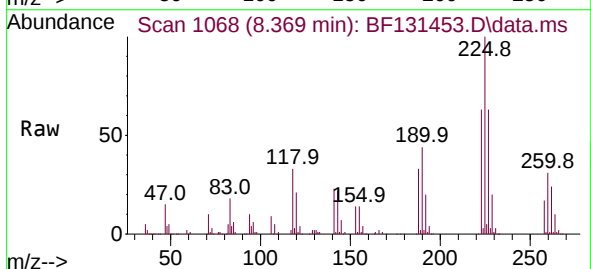
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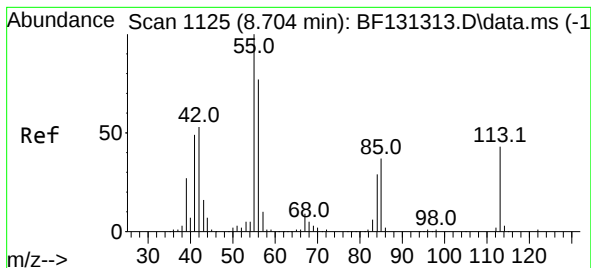
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#34
Hexachlorobutadiene
Concen: 36.578 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:225 Resp: 228179
Ion Ratio Lower Upper
225 100
223 63.2 49.4 74.0
227 63.0 51.1 76.7





#35

Caprolactam

Concen: 58.061 ng m

RT: 8.686 min Scan# 1125

Delta R.T. -0.012 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

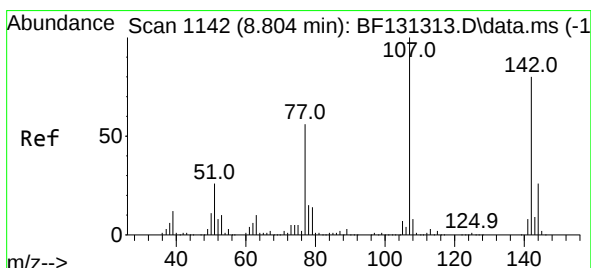
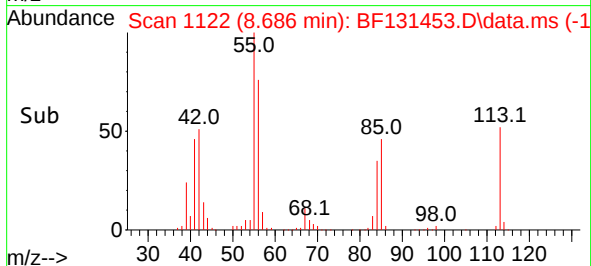
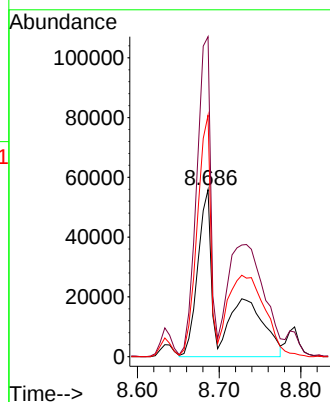
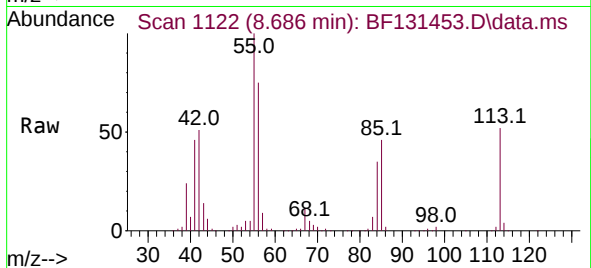
PB149316BS

Tgt Ion:113 Resp: 118648
 Ion Ratio Lower Upper
 113 100
 55 191.7 214.5 254.5
 56 144.6 159.4 199.4

Manual Integrations

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 Supervised By :mohammad ahmed 12/01/2022



#36

4-Chloro-3-methylphenol

Concen: 46.341 ng

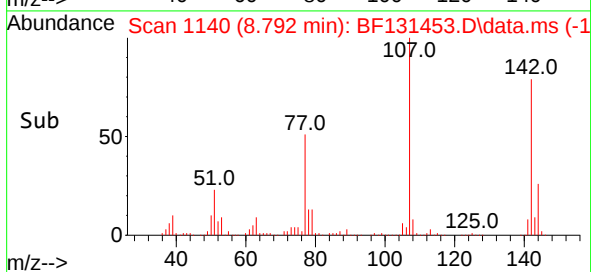
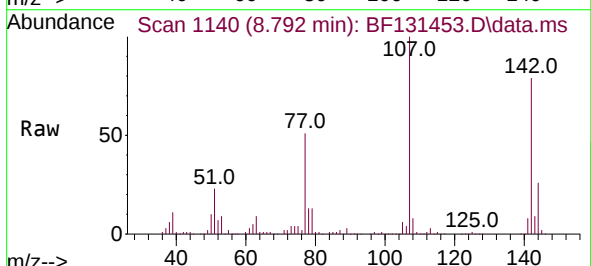
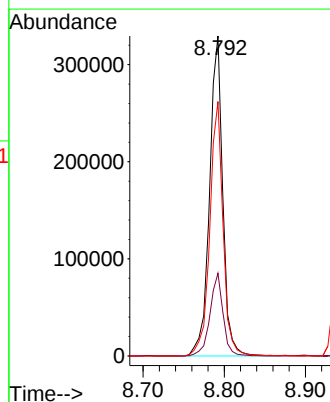
RT: 8.792 min Scan# 1140

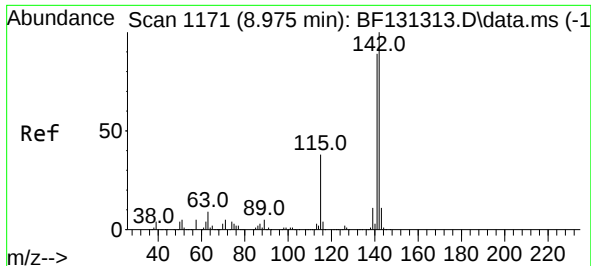
Delta R.T. -0.000 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Tgt Ion:107 Resp: 374401
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.9 31.3
 142 79.5 63.9 95.9





#37

2-Methylnaphthalene

Concen: 40.297 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

Tgt Ion:142 Resp: 760256

Ion Ratio Lower Upper

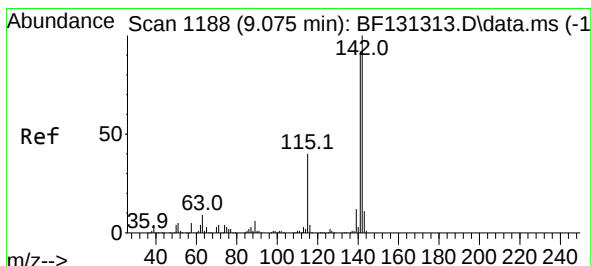
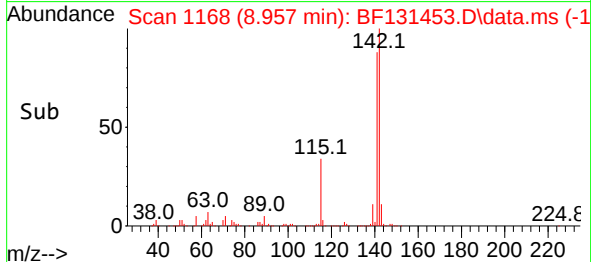
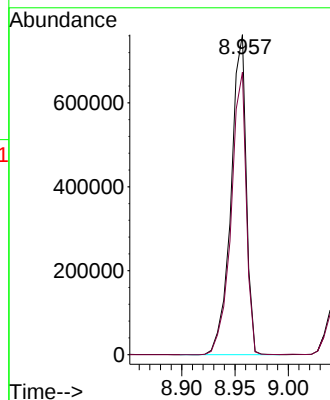
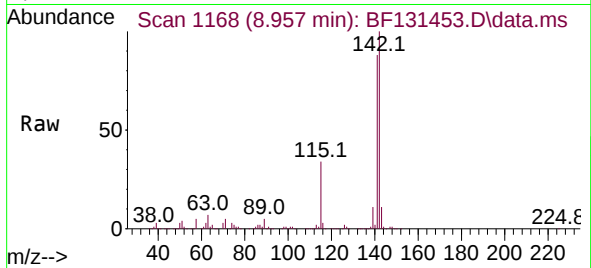
142 100

141 88.3 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#38

1-Methylnaphthalene

Concen: 39.532 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF131453.D

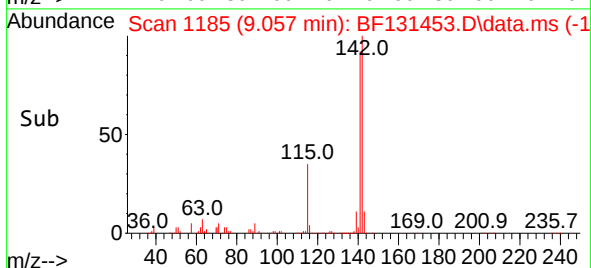
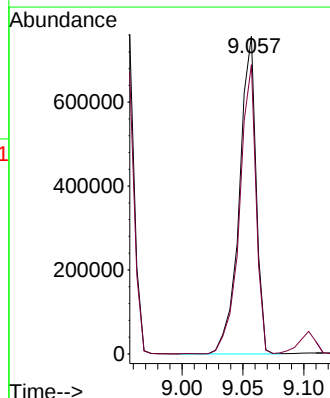
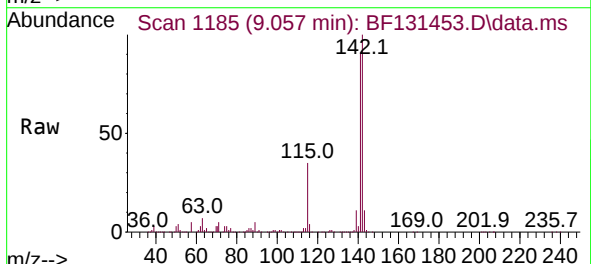
Acq: 29 Nov 2022 11:15

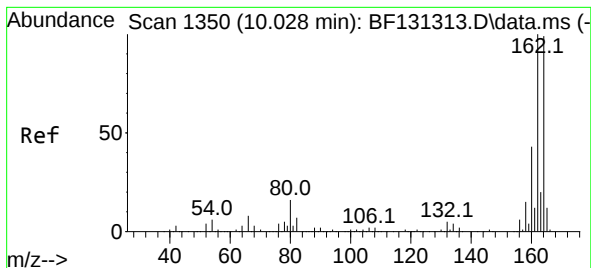
Tgt Ion:142 Resp: 723228

Ion Ratio Lower Upper

142 100

141 91.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF131453.D

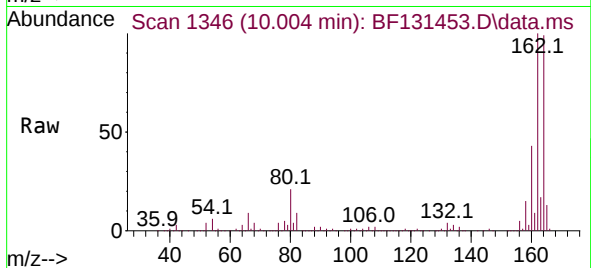
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS



Tgt Ion:164 Resp: 290355

Ion Ratio Lower Upper

164 100

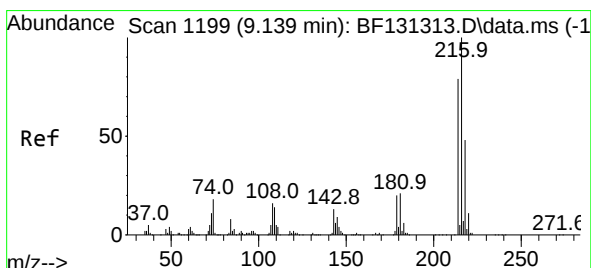
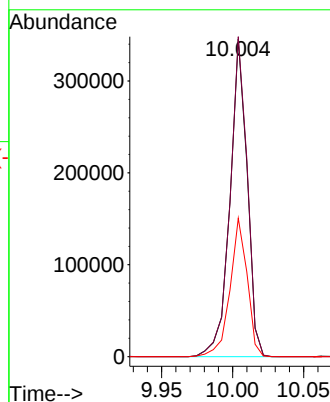
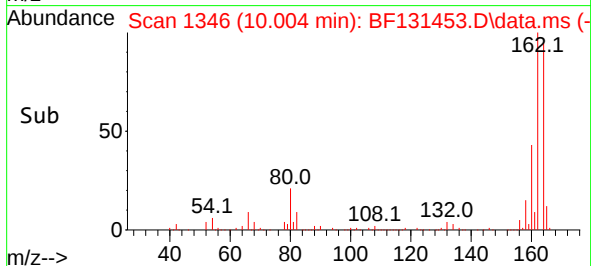
162 100.8 80.6 120.8

160 43.5 34.4 51.6

Manual Integrations

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Supervised By :mohammad ahmed 12/01/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.770 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Tgt Ion:216 Resp: 374732

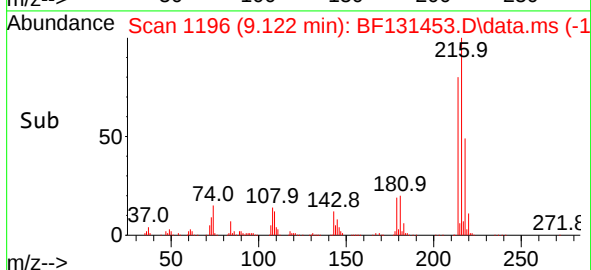
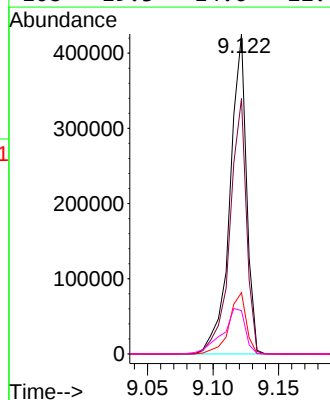
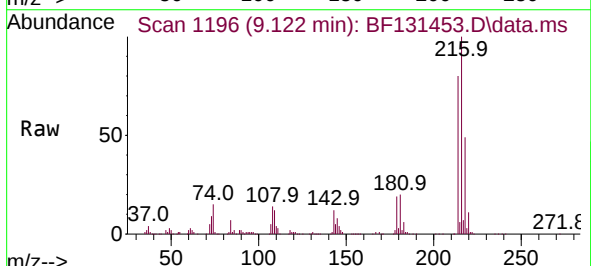
Ion Ratio Lower Upper

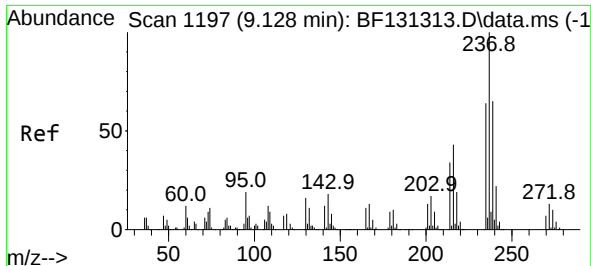
216 100

214 79.3 63.1 94.7

179 19.6 16.2 24.4

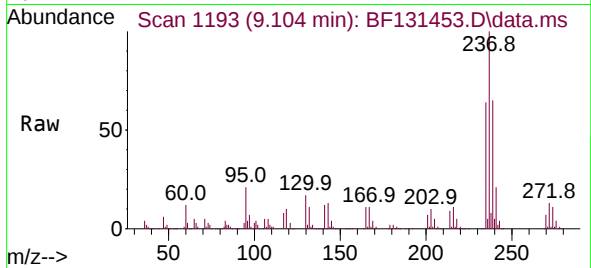
108 19.3 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 104.854 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

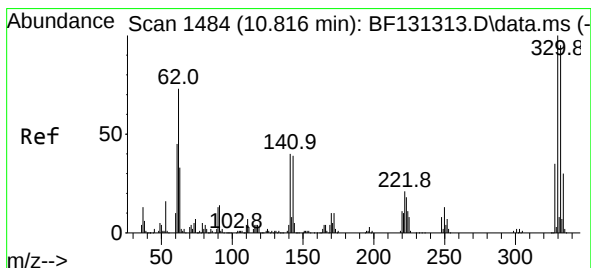
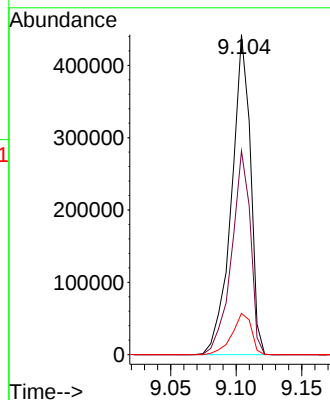
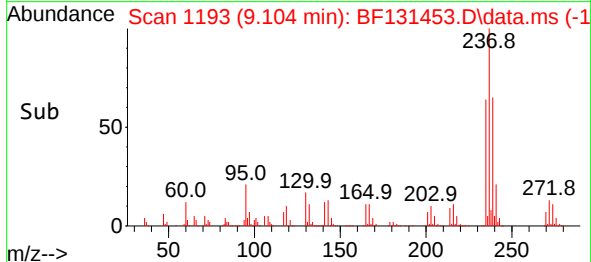
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion: 237 Resp: 444138
Ion Ratio Lower Upper
237 100
235 63.7 44.2 84.2
272 12.9 0.0 33.4

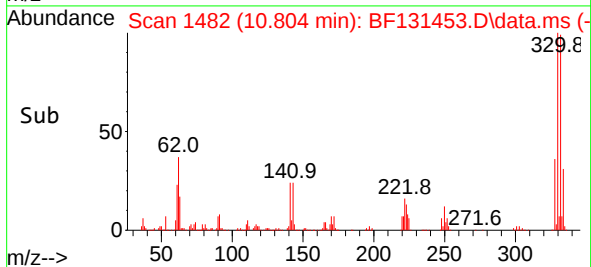
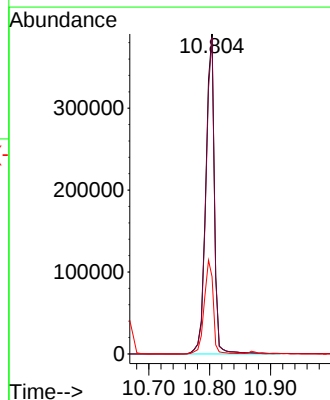
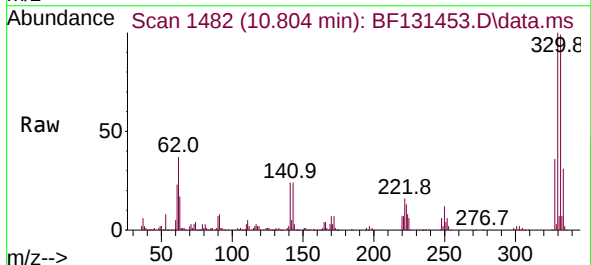
Manual Integrations
APPROVED

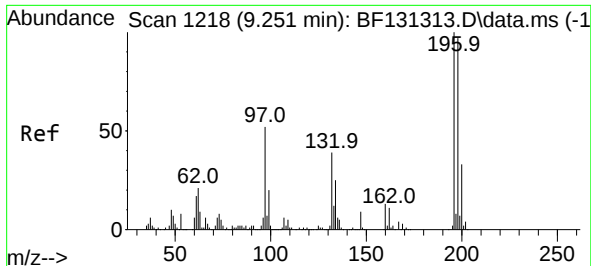
Reviewed By : Christian Giraldo 11/30/2022
Supervised By : mohammad ahmed 12/01/2022



#42
2,4,6-Tribromophenol
Concen: 155.391 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion: 330 Resp: 379587
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 30.6 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 49.268 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

Tgt Ion:196 Resp: 26334

Ion Ratio Lower Upper

196 100

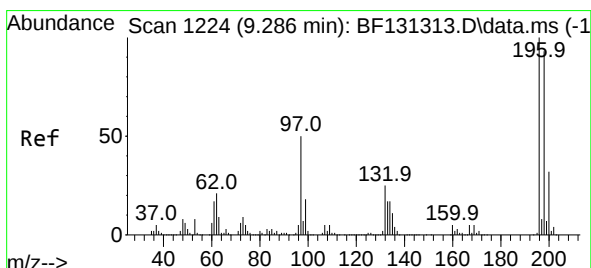
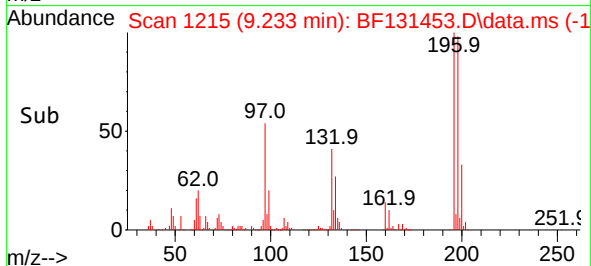
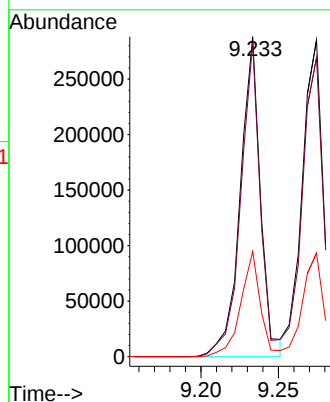
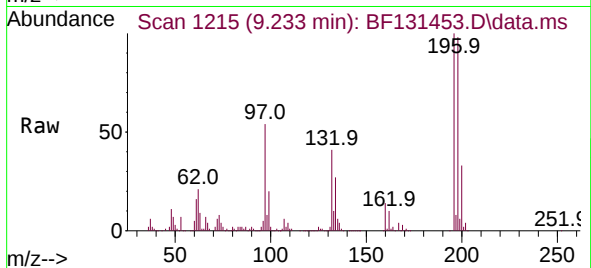
198 98.1 77.4 116.0

200 32.9 26.3 39.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#44

2,4,5-Trichlorophenol

Concen: 46.635 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Tgt Ion:196 Resp: 280304

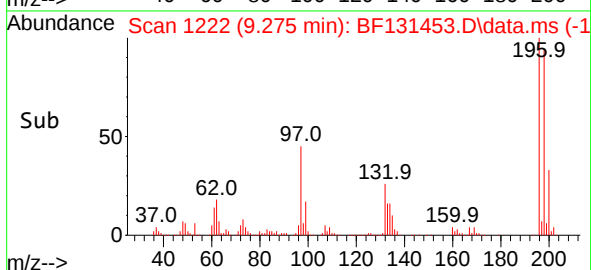
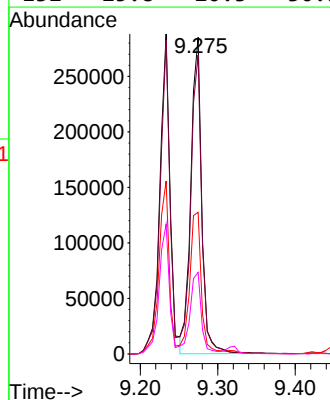
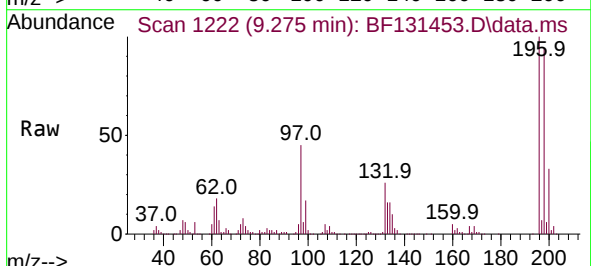
Ion Ratio Lower Upper

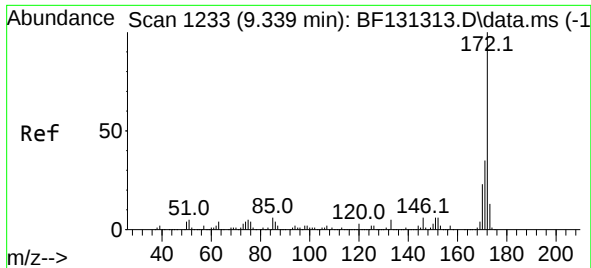
196 100

198 94.4 75.0 112.4

97 44.7 40.3 60.5

132 25.8 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 73.895 ng
RT: 9.322 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

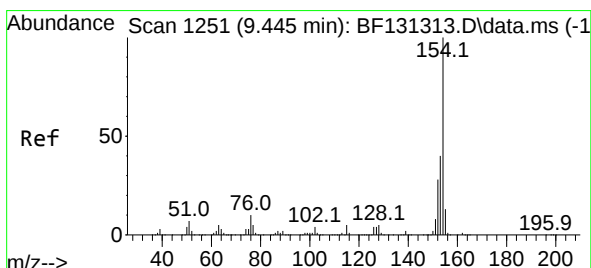
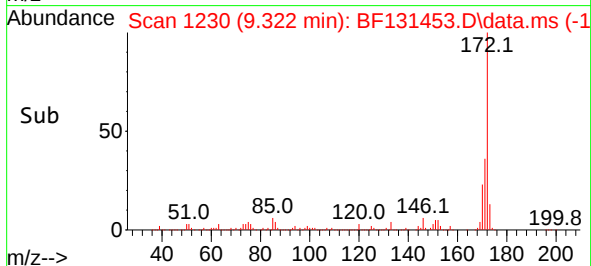
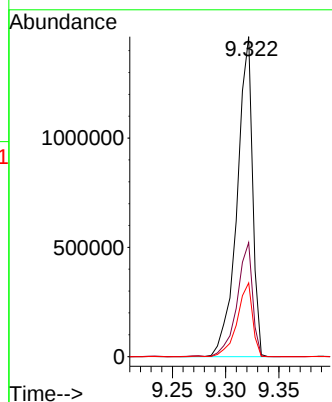
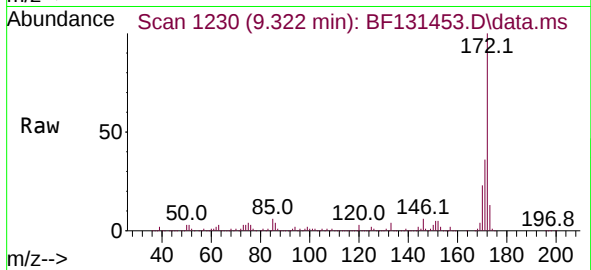
PB149316BS

Tgt Ion:172 Resp: 1474809
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.1 18.7 28.1

Manual Integrations

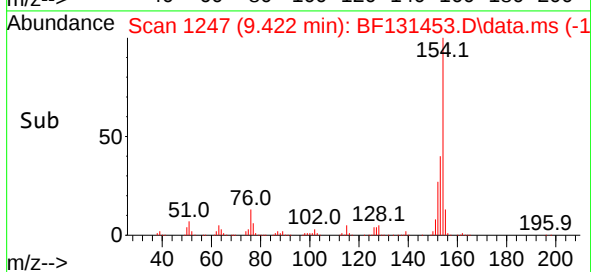
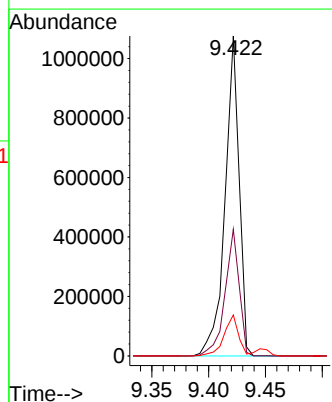
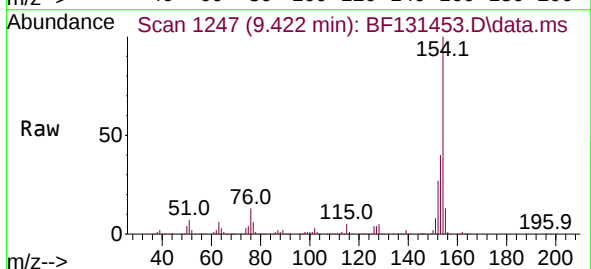
APPROVED

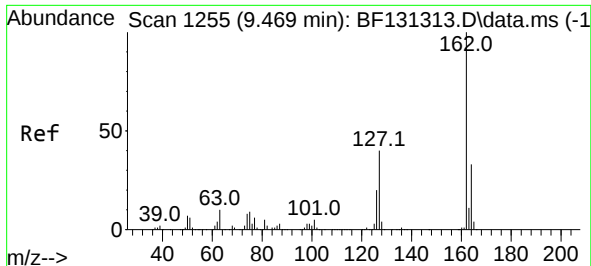
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#46
1,1'-Biphenyl
Concen: 41.754 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

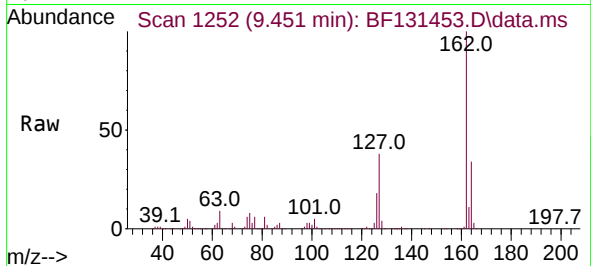
Tgt Ion:154 Resp: 925171
Ion Ratio Lower Upper
154 100
153 39.6 19.8 59.8
76 12.8 0.0 30.2





#47
2-Chloronaphthalene
Concen: 41.304 ng
RT: 9.451 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

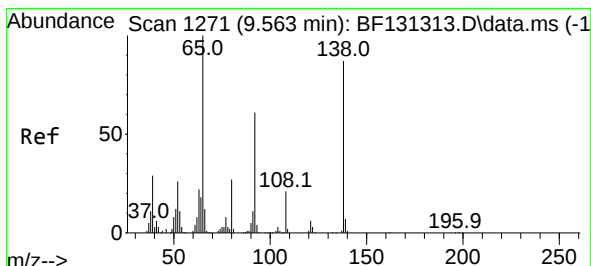
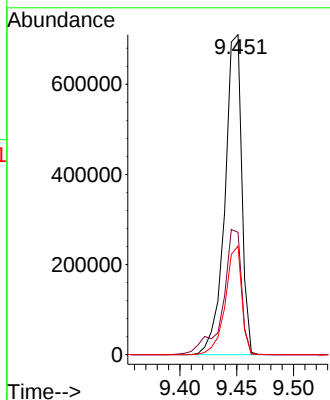
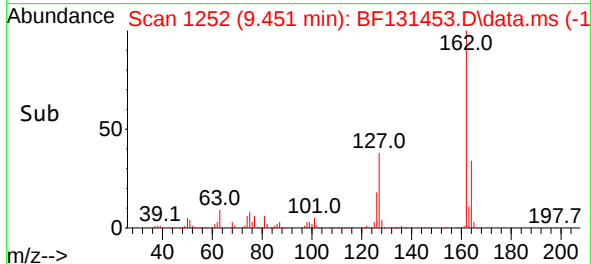
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion:162 Resp: 734166
Ion Ratio Lower Upper
162 100
127 38.2 32.1 48.1
164 33.9 26.6 39.8

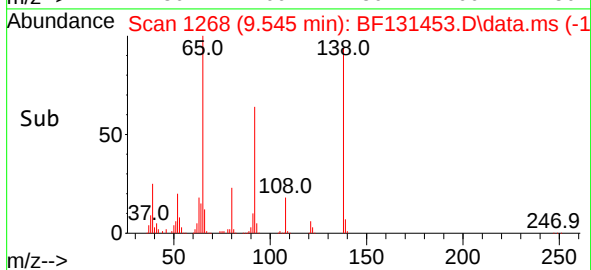
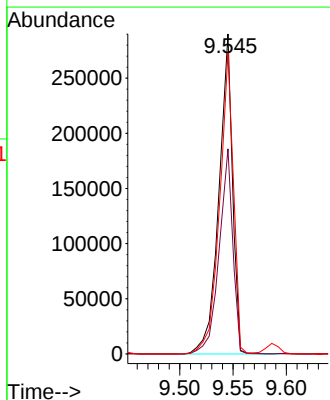
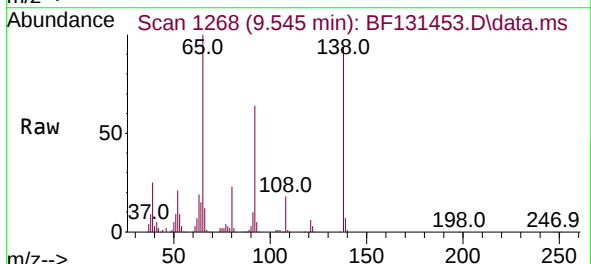
Manual Integrations
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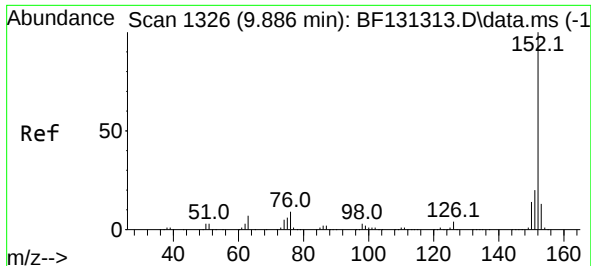
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#48
2-Nitroaniline
Concen: 47.999 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion: 65 Resp: 259046
Ion Ratio Lower Upper
65 100
92 64.1 49.0 73.4
138 94.0 69.4 104.2





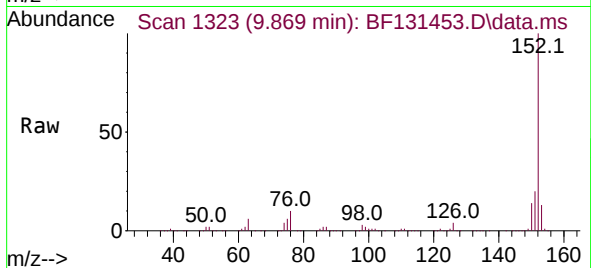
#49
Acenaphthylene
Concen: 42.304 ng
RT: 9.869 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

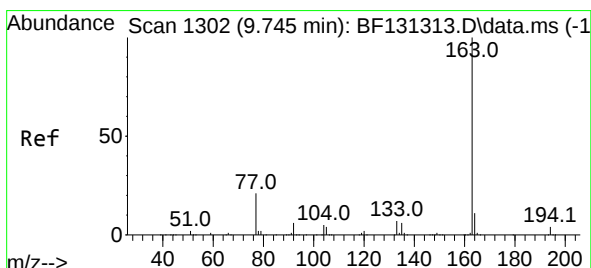
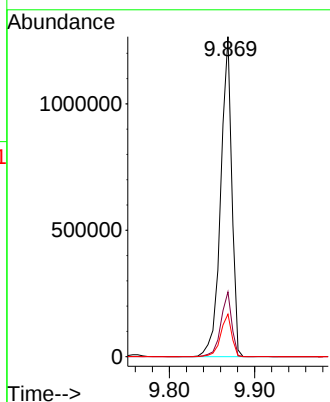
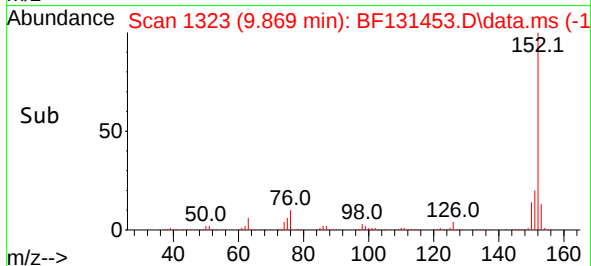


Tgt Ion:152 Resp: 1146250
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.3 10.6 15.8

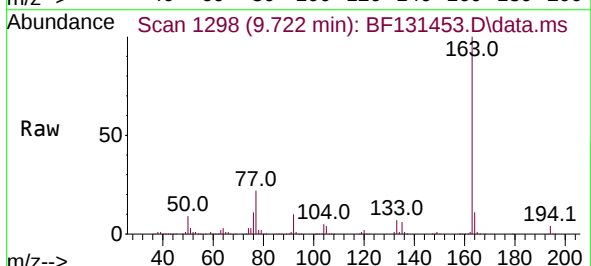
Manual Integrations

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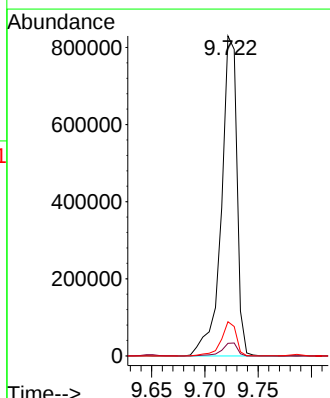
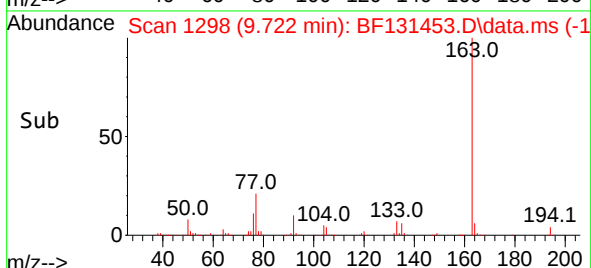
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

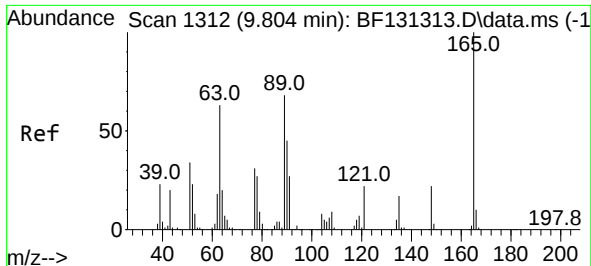


#50
Dimethylphthalate
Concen: 41.823 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion:163 Resp: 846079
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.7 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 48.998 ng

RT: 9.786 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

Tgt Ion:165 Resp: 198231

Ion Ratio Lower Upper

165 100

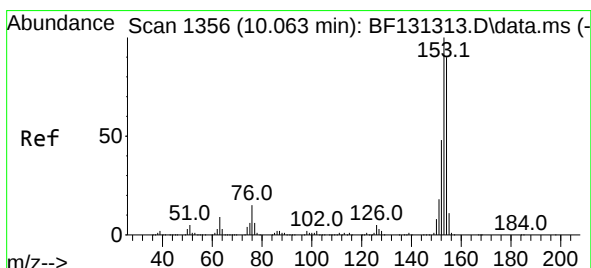
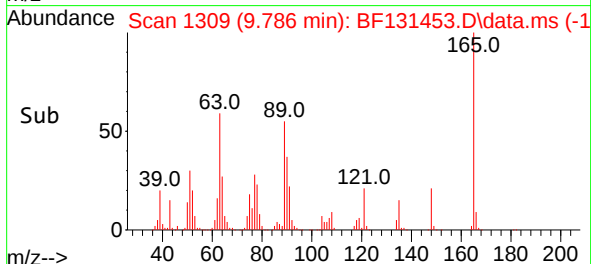
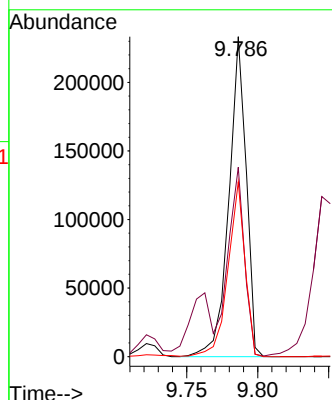
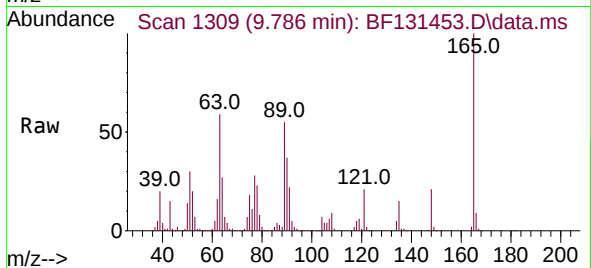
63 59.2 62.0 93.0

89 54.6 54.4 81.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#52

Acenaphthene

Concen: 47.493 ng m

RT: 10.039 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

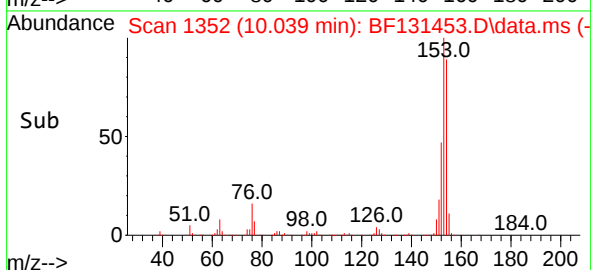
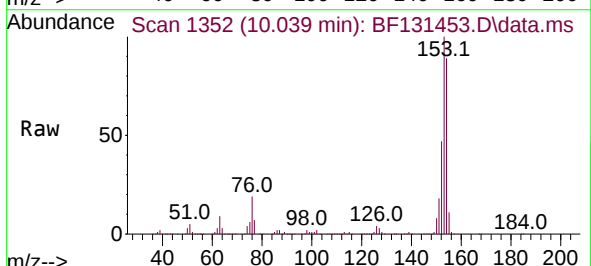
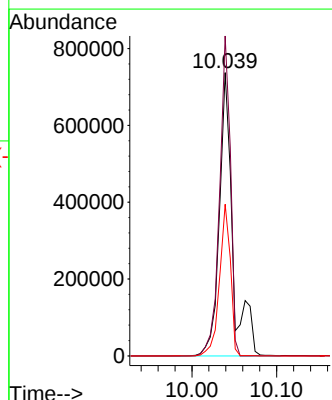
Tgt Ion:154 Resp: 805801

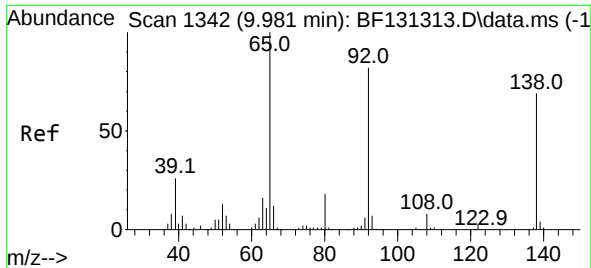
Ion Ratio Lower Upper

154 100

153 113.0 88.4 132.6

152 53.5 42.8 64.2





#53
3-Nitroaniline
Concen: 27.684 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

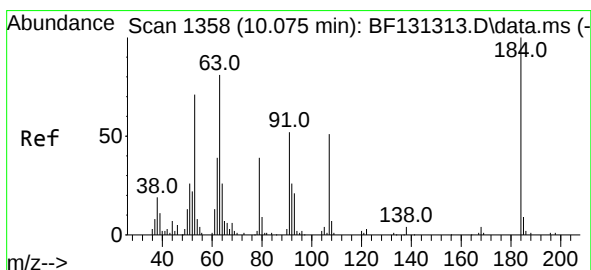
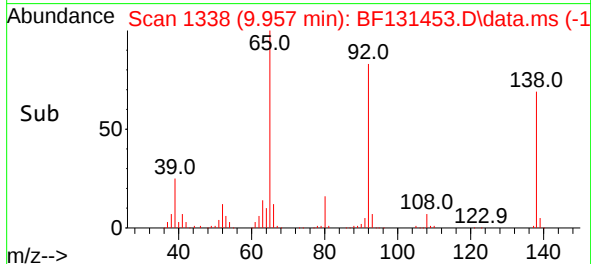
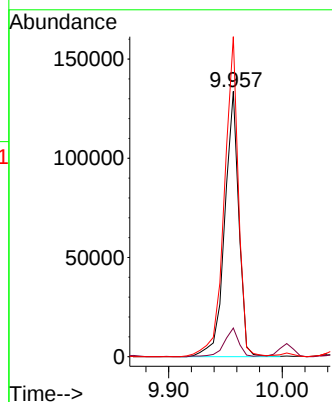
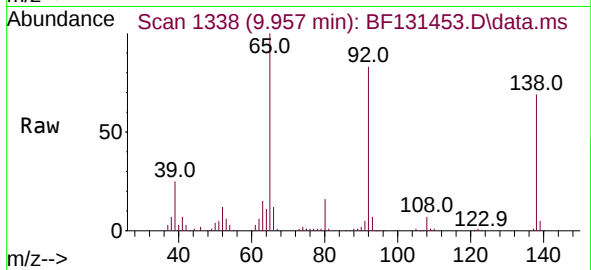
PB149316BS

Tgt Ion:138 Resp: 115089
Ion Ratio Lower Upper
138 100
108 10.8 8.9 13.3
92 120.7 95.3 142.9

Manual Integrations

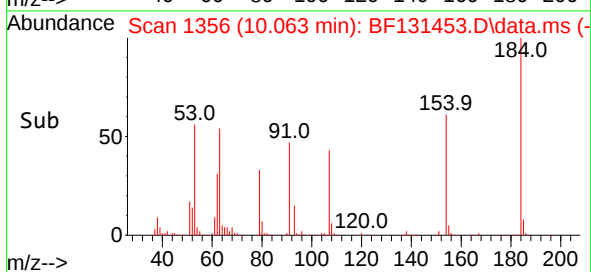
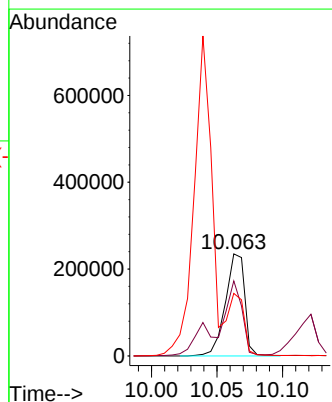
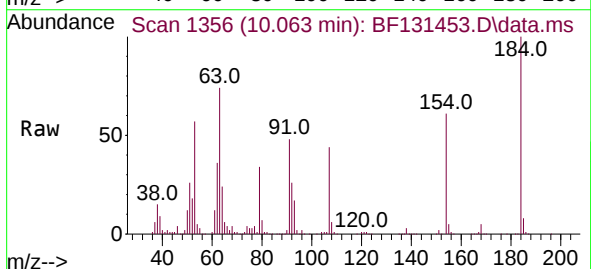
APPROVED

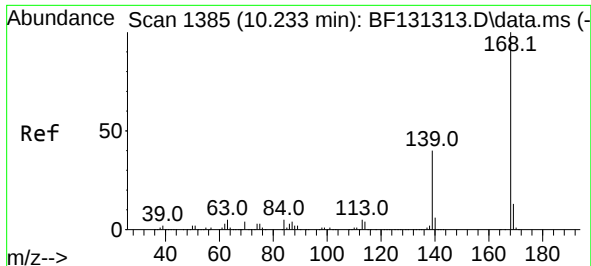
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#54
2,4-Dinitrophenol
Concen: 111.111 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

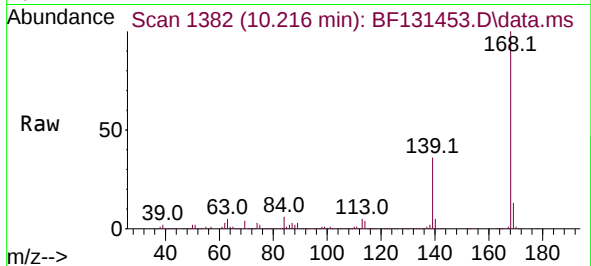
Tgt Ion:184 Resp: 240856
Ion Ratio Lower Upper
184 100
63 73.5 72.1 108.1
154 61.3 56.3 84.5





#55
Dibenzofuran
Concen: 41.419 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

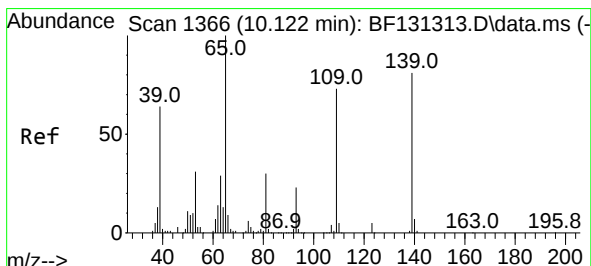
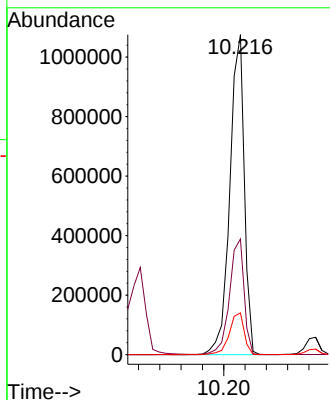
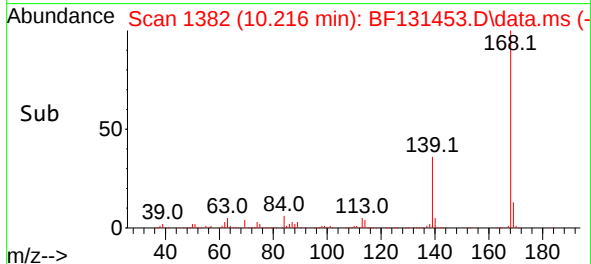
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion:168 Resp: 1011027
Ion Ratio Lower Upper
168 100
139 36.1 31.7 47.5
169 13.0 10.6 15.8

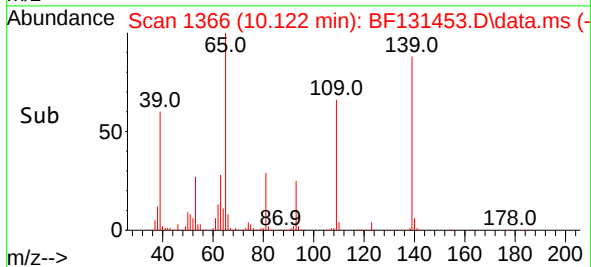
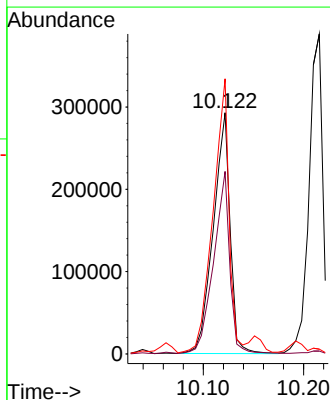
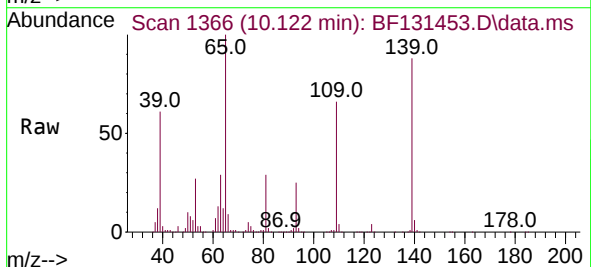
Manual Integrations
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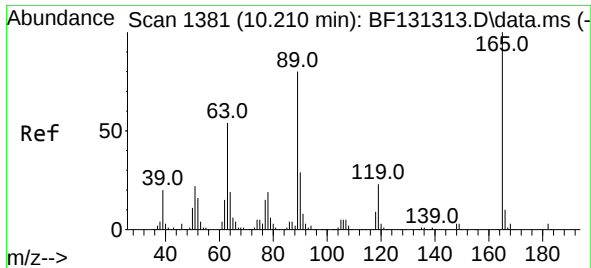
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#56
4-Nitrophenol
Concen: 118.687 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:139 Resp: 342435
Ion Ratio Lower Upper
139 100
109 75.7 69.6 109.6
65 114.1 103.4 143.4





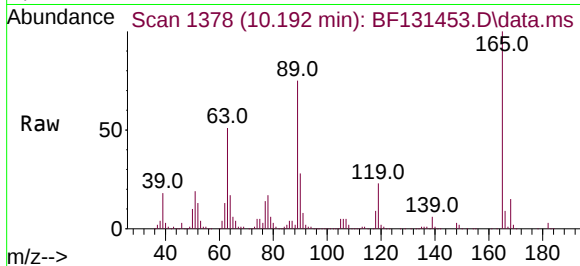
#57
2,4-Dinitrotoluene
Concen: 53.647 ng
RT: 10.192 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

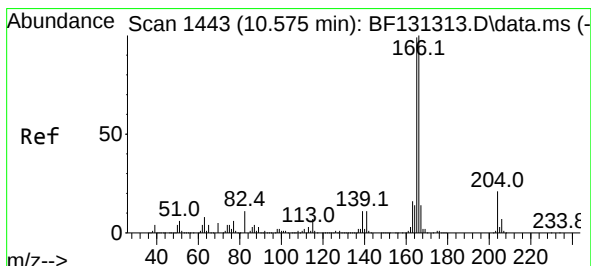
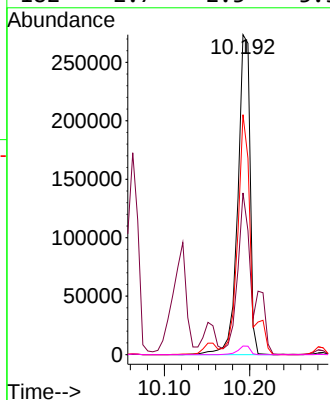
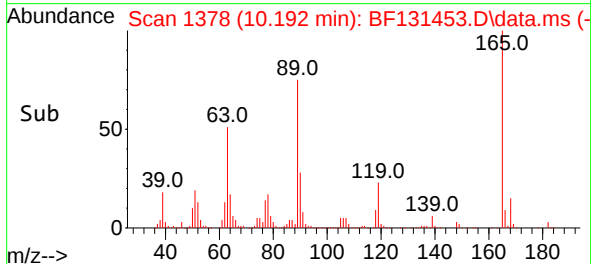
PB149316BS



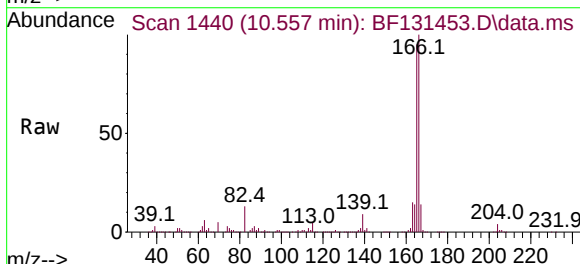
Tgt Ion:165 Resp: 273086
Ion Ratio Lower Upper
165 100
63 50.5 43.4 65.2
89 75.0 64.0 96.0
182 2.7 2.3 3.5

Manual Integrations
APPROVED

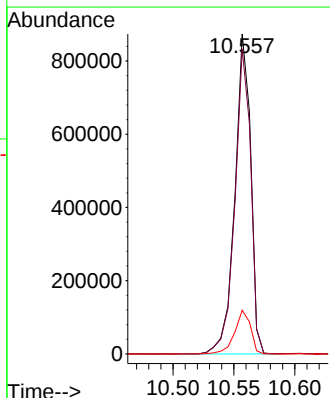
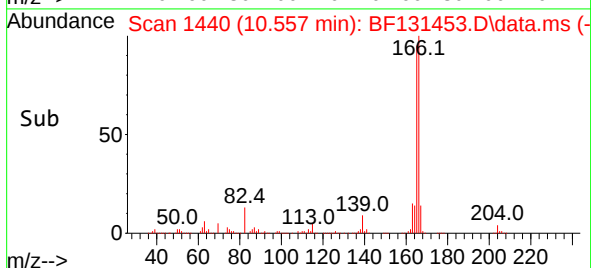
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

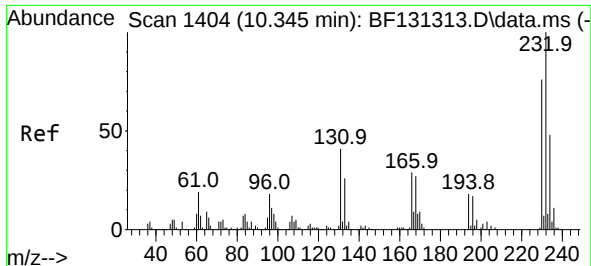


#58
Fluorene
Concen: 41.555 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion:166 Resp: 791638
Ion Ratio Lower Upper
166 100
165 95.4 79.0 118.4
167 13.6 10.9 16.3





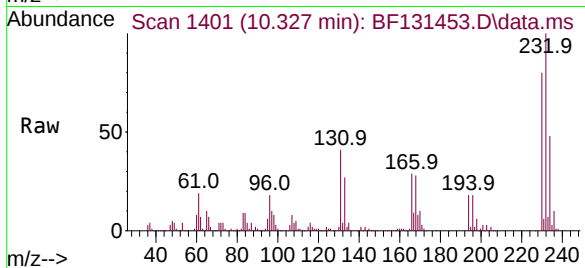
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.197 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

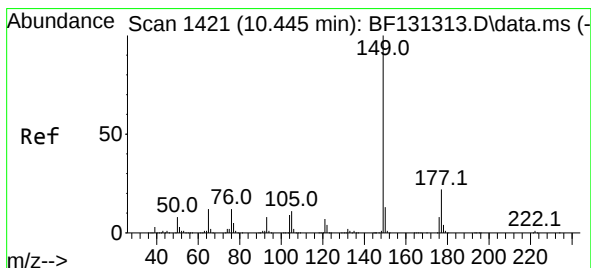
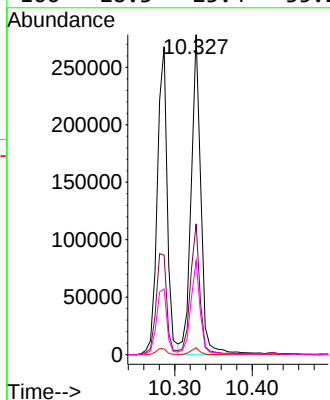
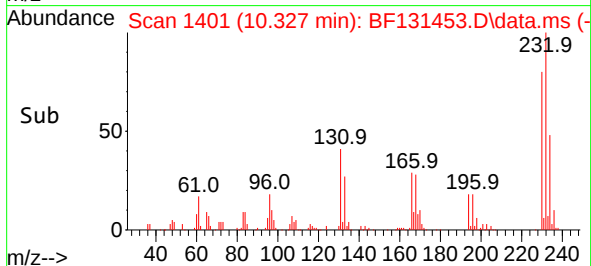


Tgt Ion:232 Resp: 241256
Ion Ratio Lower Upper
232 100
131 40.3 35.2 52.8
130 2.0 1.8 2.8
166 28.3 23.4 35.2

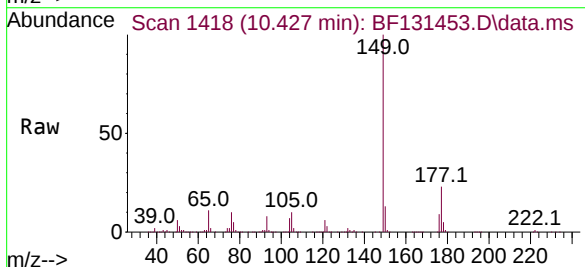
Manual Integrations

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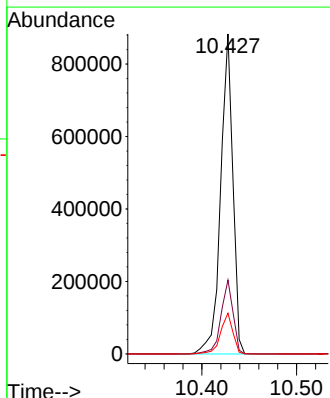
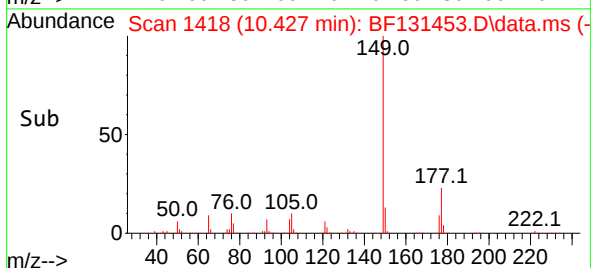
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

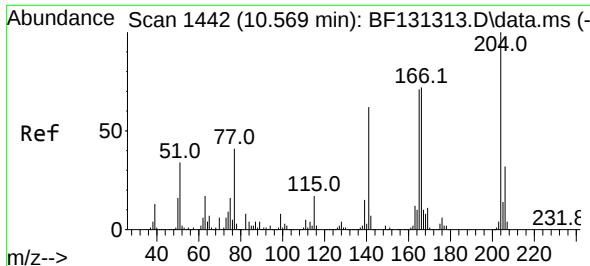


#60
Diethylphthalate
Concen: 41.206 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



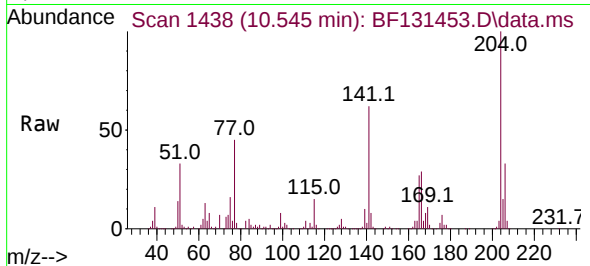
Tgt Ion:149 Resp: 787116
Ion Ratio Lower Upper
149 100
177 23.1 17.6 26.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 39.627 ng
RT: 10.545 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

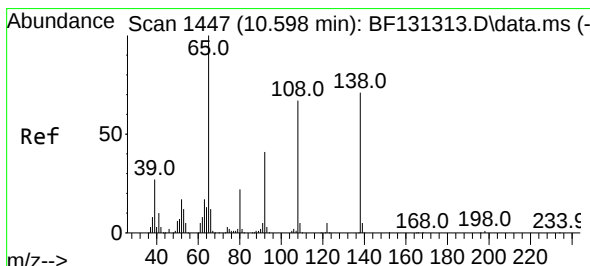
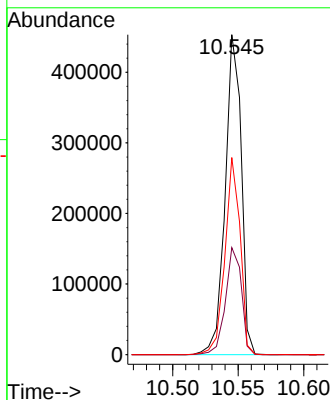
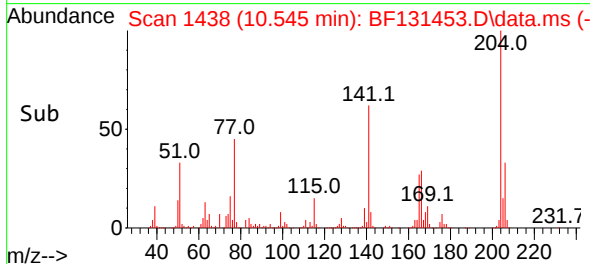
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion:204 Resp: 386993
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 61.6 49.2 73.8

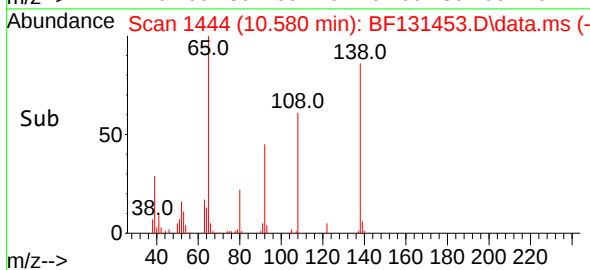
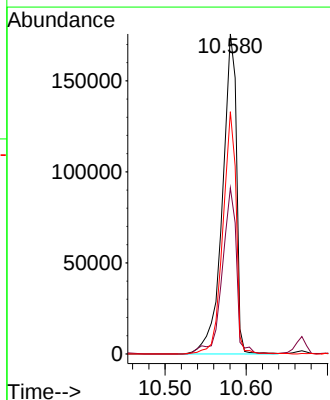
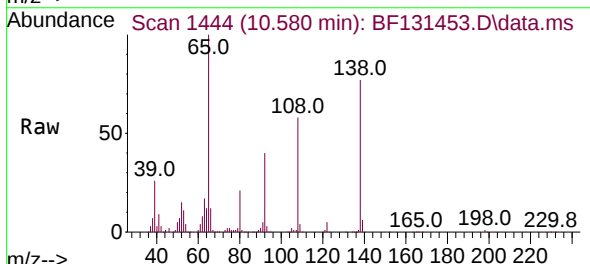
Manual Integrations
APPROVED

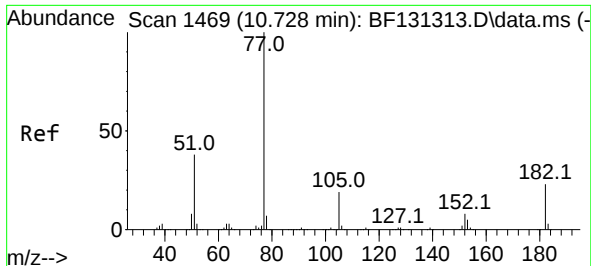
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#62
4-Nitroaniline
Concen: 51.025 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:138 Resp: 211110
Ion Ratio Lower Upper
138 100
92 51.9 37.0 77.0
108 75.7 74.0 114.0





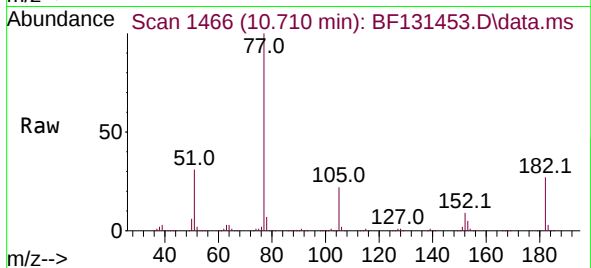
#63
Azobenzene
Concen: 39.762 ng
RT: 10.710 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

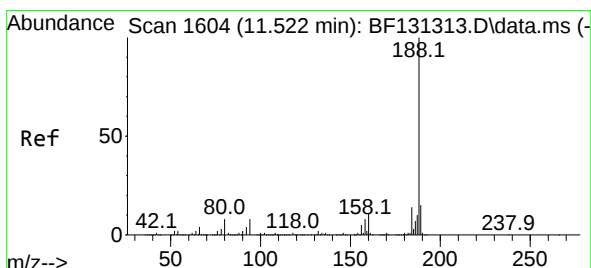
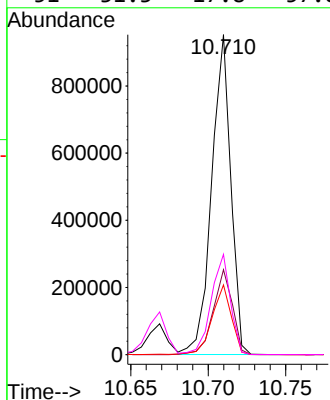
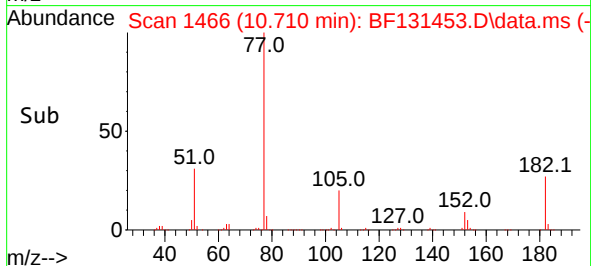


Tgt Ion: 77 Resp: 816678
Ion Ratio Lower Upper
77 100
182 26.5 3.1 43.1
105 21.8 0.0 39.2
51 31.3 17.8 57.8

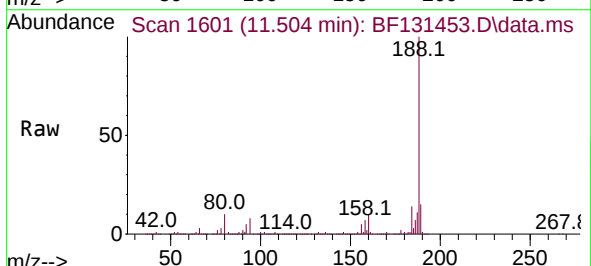
Manual Integrations

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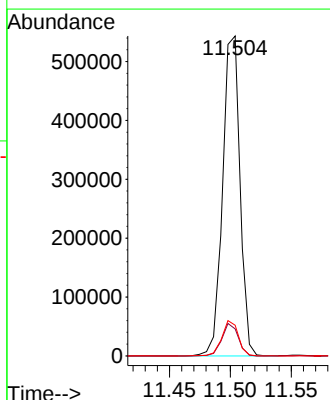
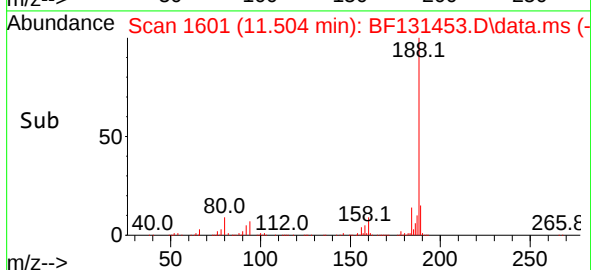
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

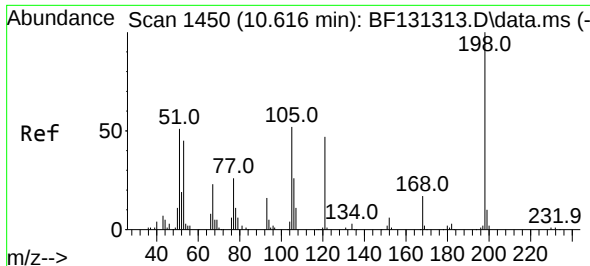


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion:188 Resp: 537941
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.6 6.8 10.2





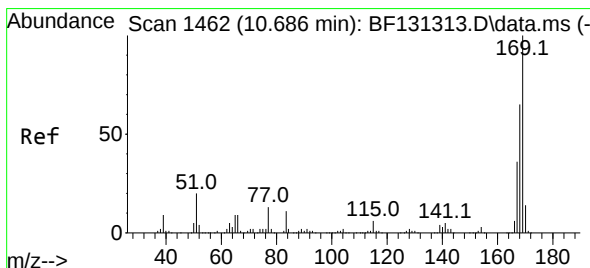
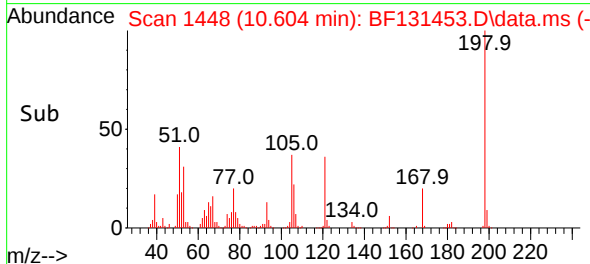
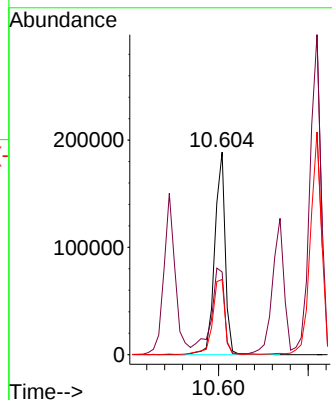
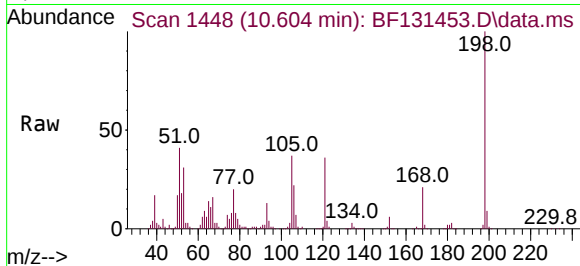
#65
4,6-Dinitro-2-methylphenol
Concen: 61.390 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :
BNA_F
ClientSampleId :
PB149316BS

Tgt Ion:198 Resp: 153916
Ion Ratio Lower Upper
198 100
51 40.8 50.1 90.1
105 37.1 32.5 72.5

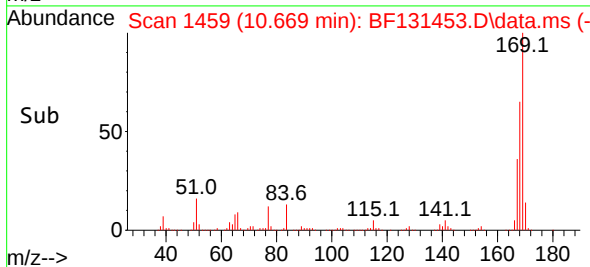
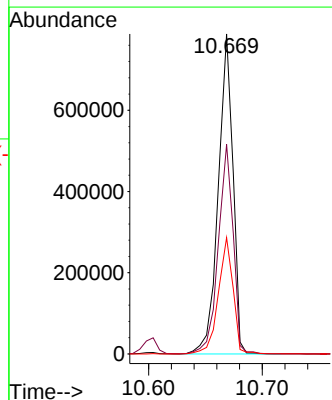
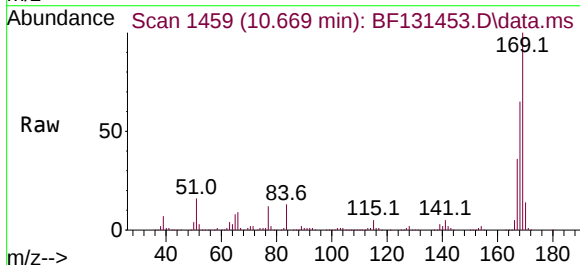
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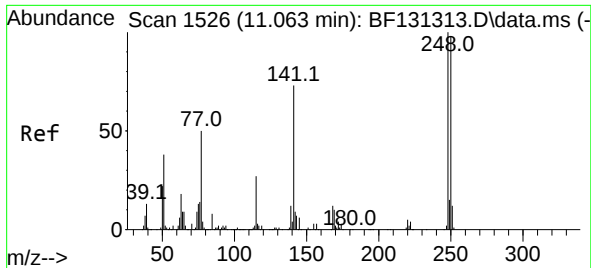
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#66
n-Nitrosodiphenylamine
Concen: 41.199 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

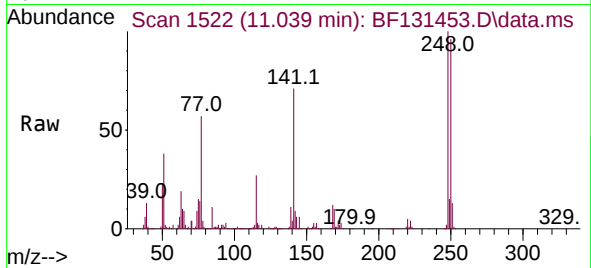
Tgt Ion:169 Resp: 706208
Ion Ratio Lower Upper
169 100
168 65.5 52.4 78.6
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 39.714 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

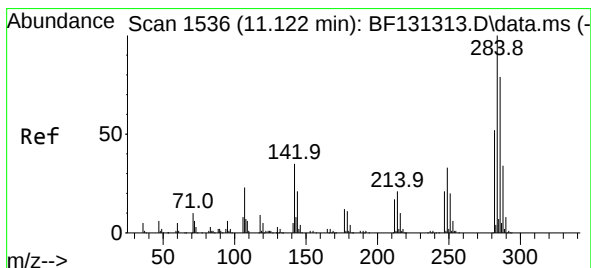
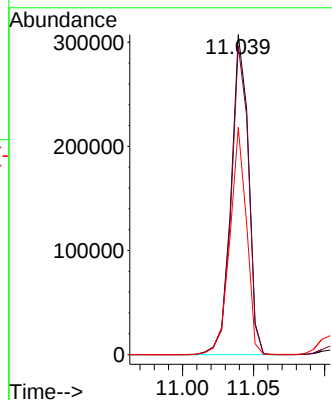
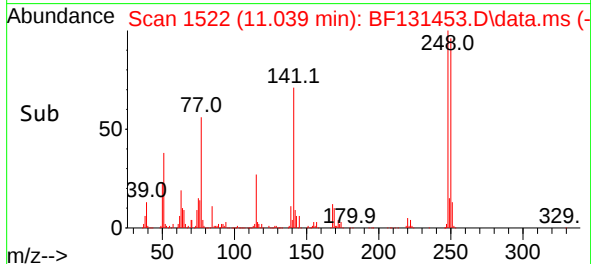
Instrument :
BNA_F
ClientSampleId :
PB149316BS



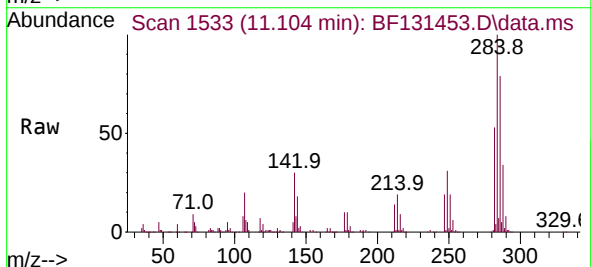
Tgt Ion:248 Resp: 261844
Ion Ratio Lower Upper
248 100
250 96.4 78.3 117.5
141 71.0 58.0 87.0

Manual Integrations
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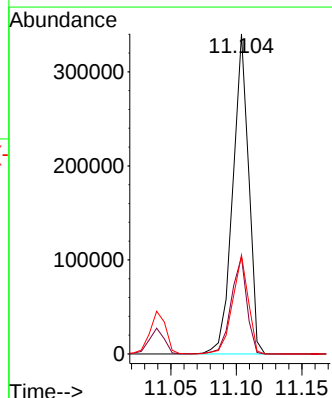
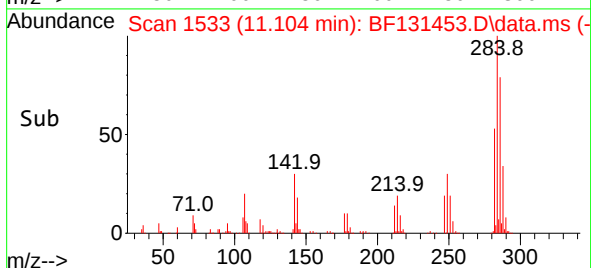
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

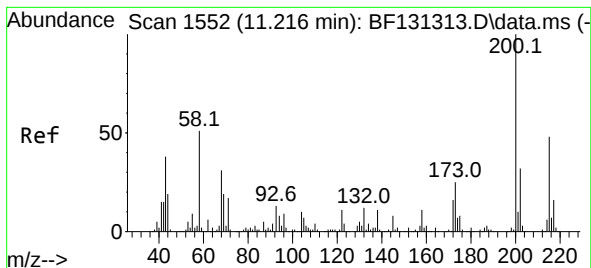


#68
Hexachlorobenzene
Concen: 40.872 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion:284 Resp: 286008
Ion Ratio Lower Upper
284 100
142 30.3 28.4 42.6
249 30.9 26.5 39.7





#69

Atrazine

Concen: 48.253 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

Tgt Ion:200 Resp: 254662

Ion Ratio Lower Upper

200 100

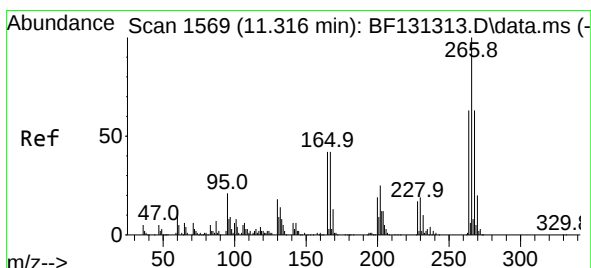
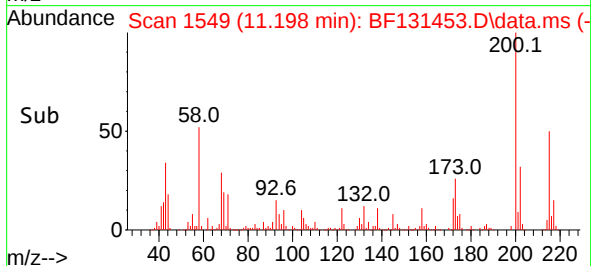
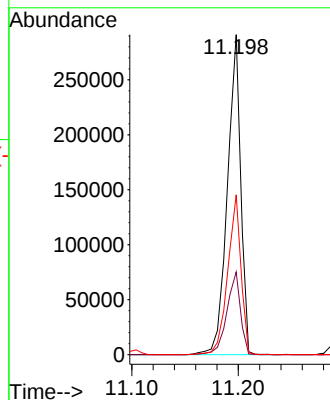
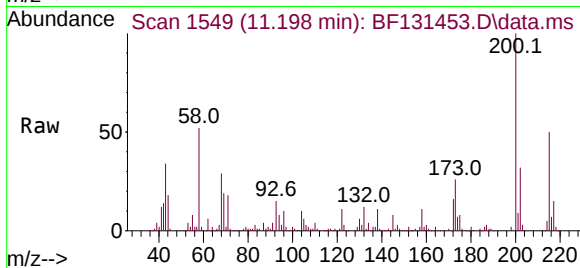
173 25.8 5.2 45.2

215 49.9 28.3 68.3

Manual Integrations

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Supervised By :mohammad ahmed 12/01/2022



#70

Pentachlorophenol

Concen: 80.886 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

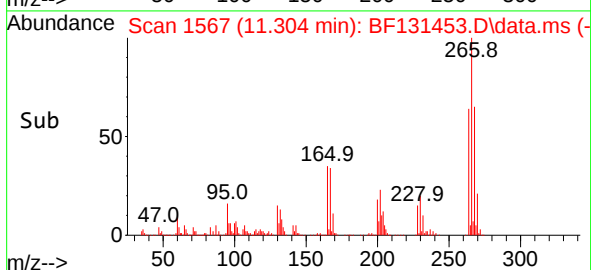
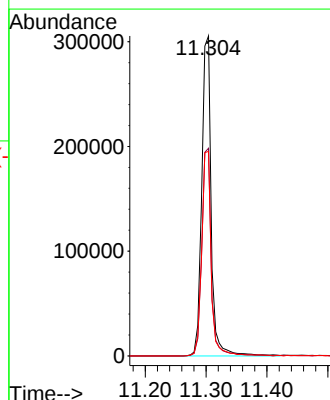
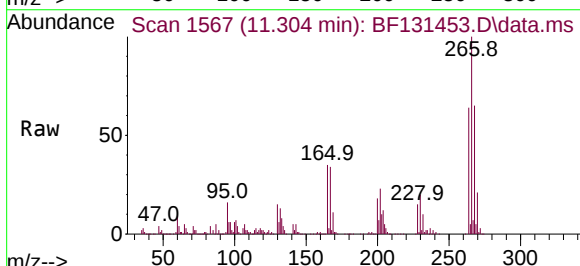
Tgt Ion:266 Resp: 329119

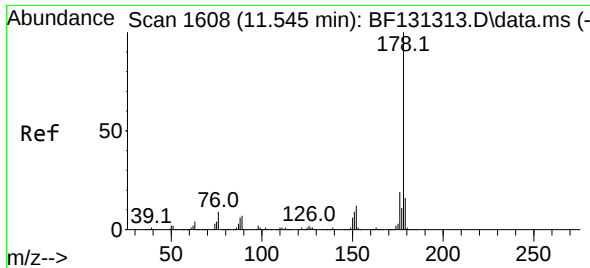
Ion Ratio Lower Upper

266 100

268 64.9 50.6 75.8

264 63.9 50.4 75.6





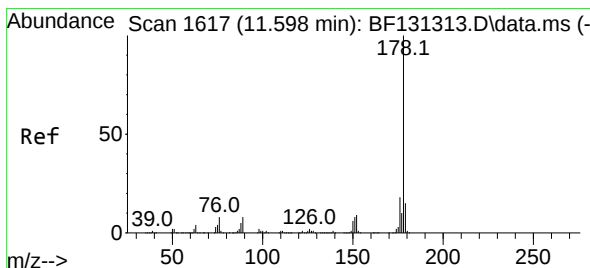
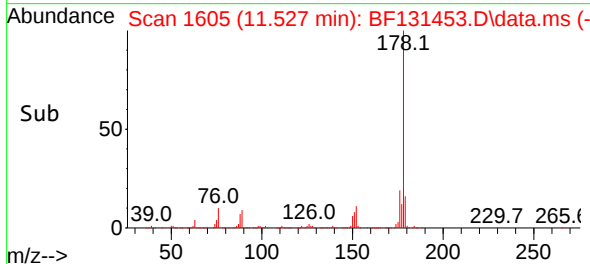
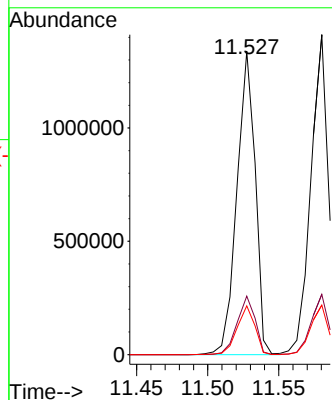
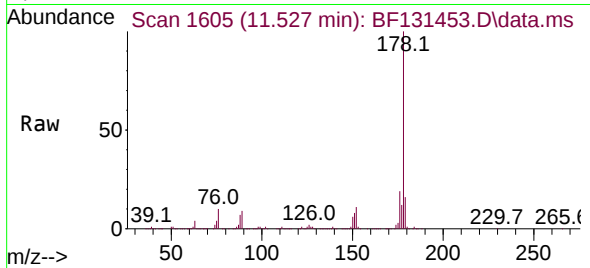
#71
Phenanthrene
Concen: 41.222 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :
BNA_F
ClientSampleId :
PB149316BS

Tgt Ion:178 Resp: 1198422
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.1 12.4 18.6

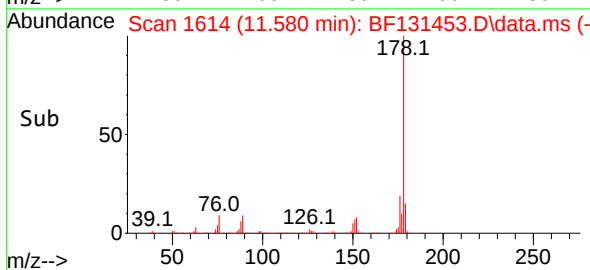
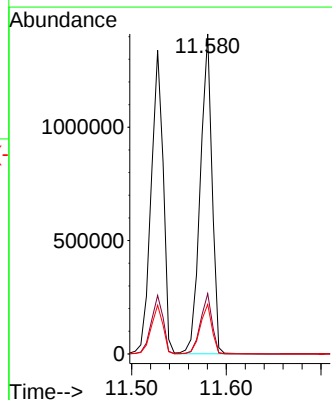
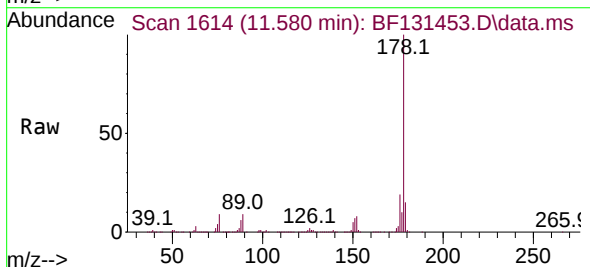
Manual Integrations
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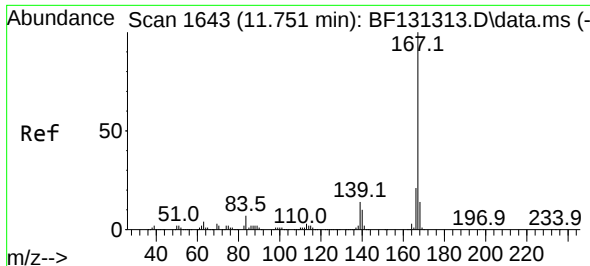
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#72
Anthracene
Concen: 42.487 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

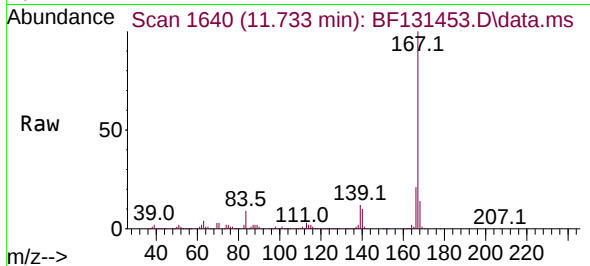
Tgt Ion:178 Resp: 1213893
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 46.653 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BF131453.D
 Acq: 29 Nov 2022 11:15

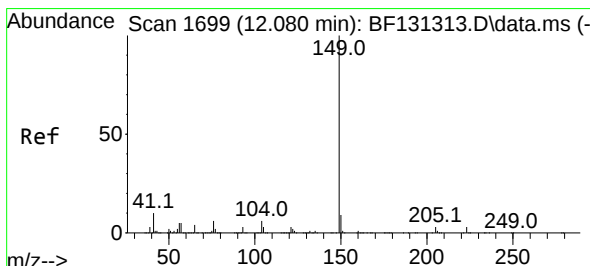
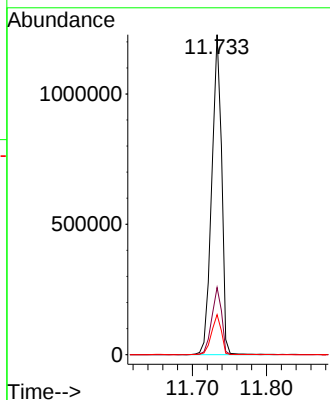
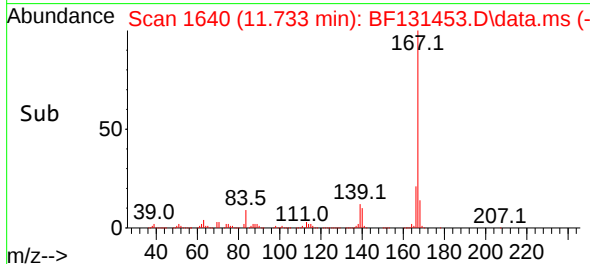
Instrument :
 BNA_F
 ClientSampleId :
 PB149316BS



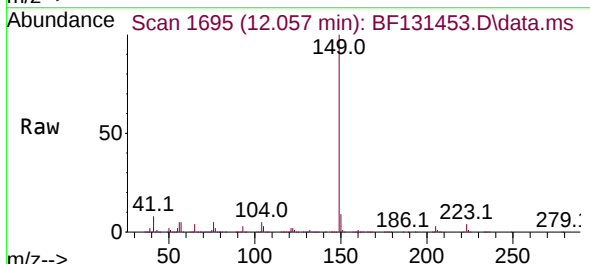
Tgt Ion:167 Resp: 1136997
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.5 10.8 16.2

Manual Integrations
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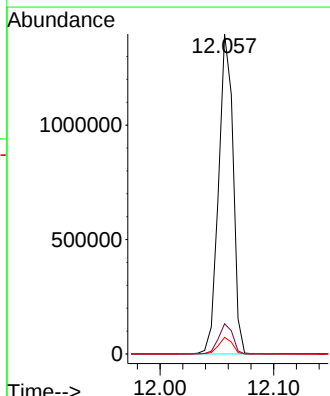
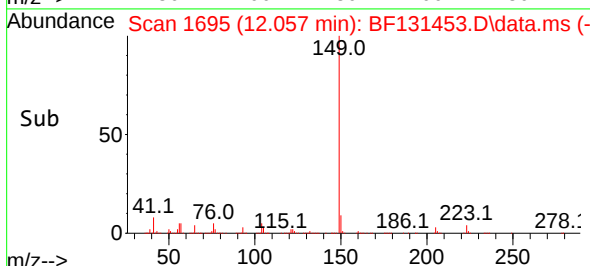
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

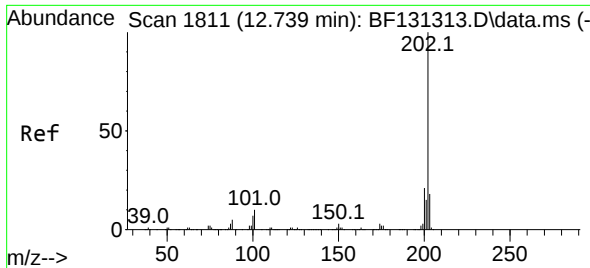


#74
 Di-n-butylphthalate
 Concen: 43.001 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.012 min
 Lab File: BF131453.D
 Acq: 29 Nov 2022 11:15



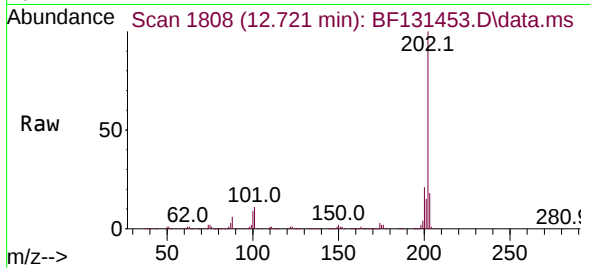
Tgt Ion:149 Resp: 1234909
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.2 4.7 7.1





#75
Fluoranthene
Concen: 43.758 ng
RT: 12.721 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

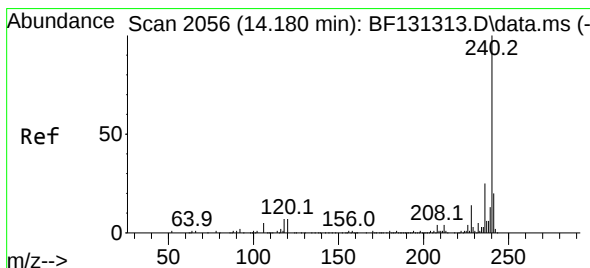
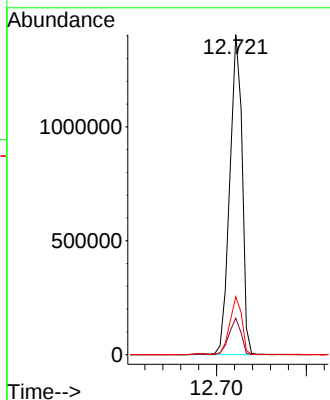
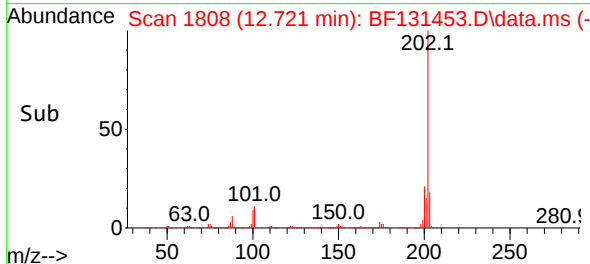
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion:202 Resp: 1340508
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.6
203 18.1 0.0 37.8

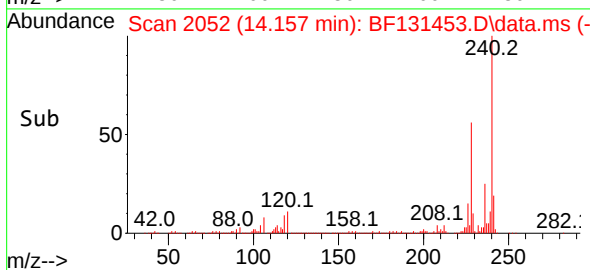
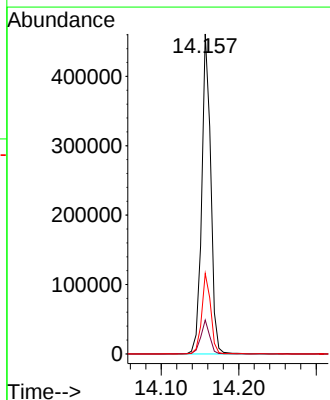
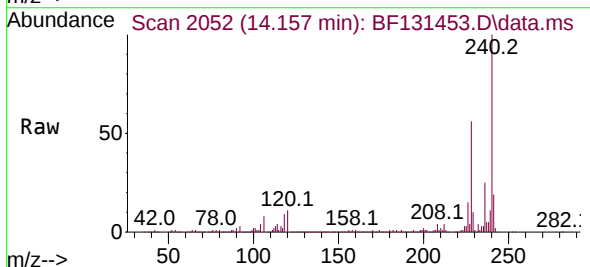
Manual Integrations
APPROVED

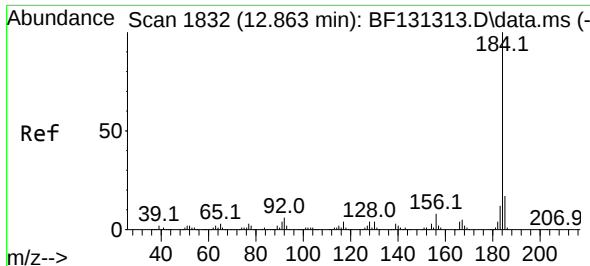
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

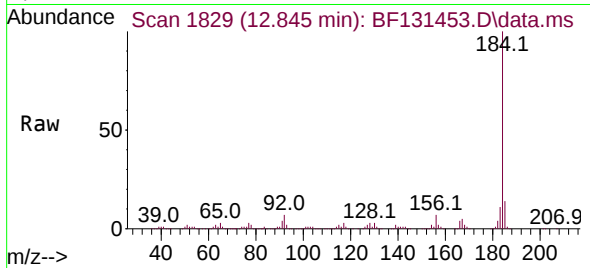
Tgt Ion:240 Resp: 370978
Ion Ratio Lower Upper
240 100
120 10.6 5.8 8.8#
236 25.1 20.3 30.5





#77
Benzidine
Concen: 68.946 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

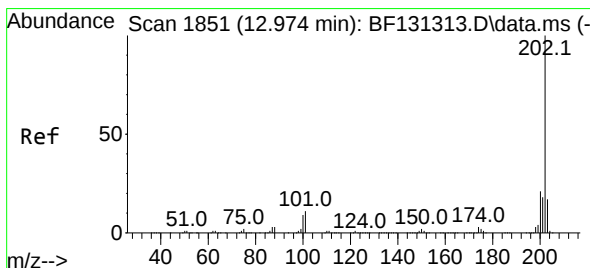
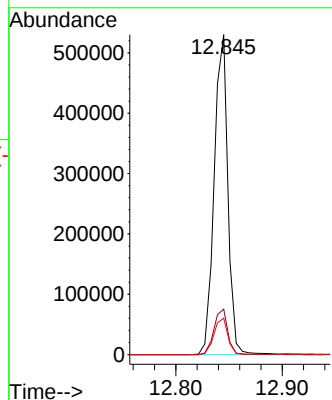
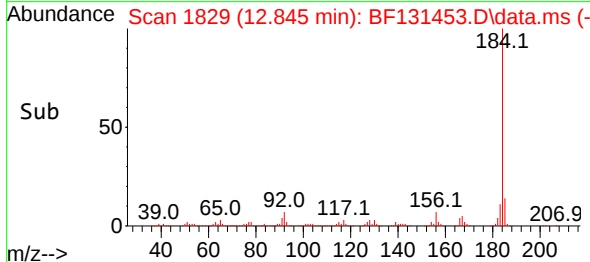
Instrument :
BNA_F
ClientSampleId :
PB149316BS



Tgt Ion:184 Resp: 472445
Ion Ratio Lower Upper
184 100
185 14.2 13.8 20.8
183 11.4 9.6 14.4

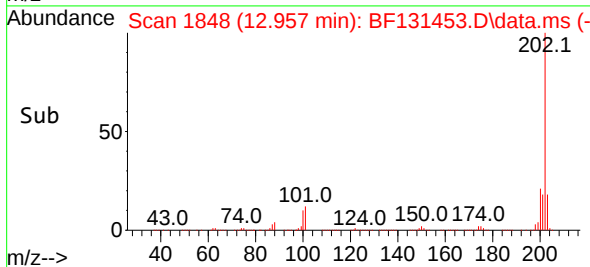
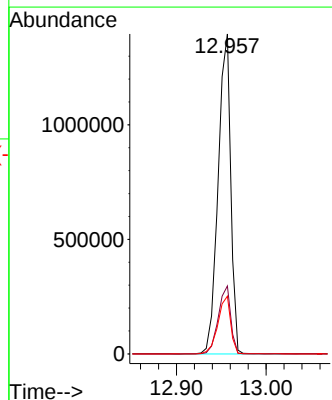
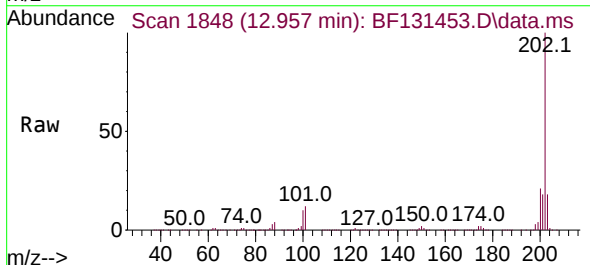
Manual Integrations
APPROVED

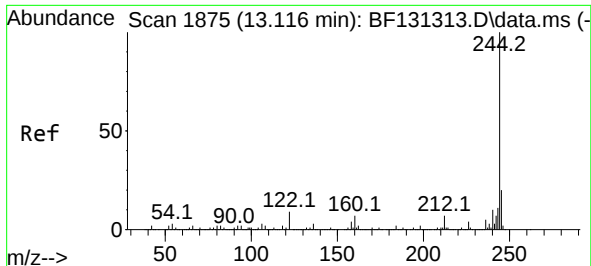
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#78
Pyrene
Concen: 41.525 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:202 Resp: 1359142
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 18.0 13.9 20.9





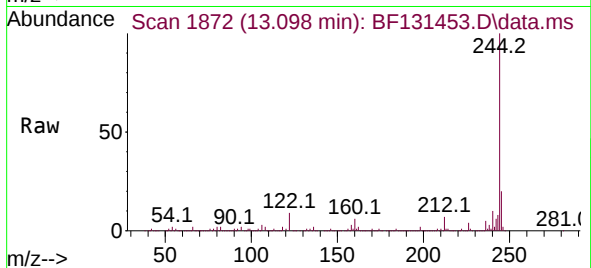
#79
Terphenyl-d14
Concen: 79.565 ng
RT: 13.098 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

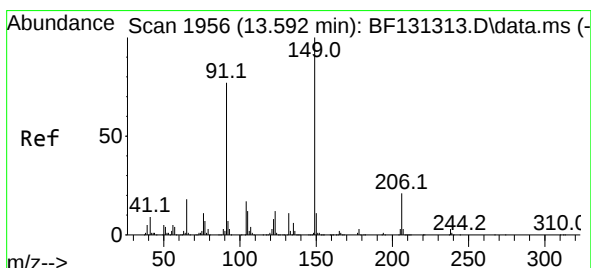
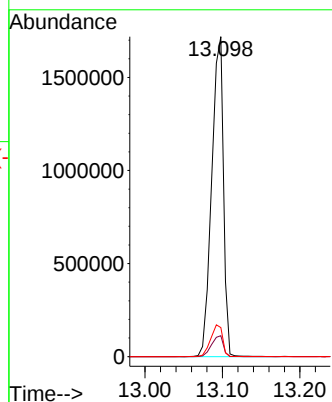
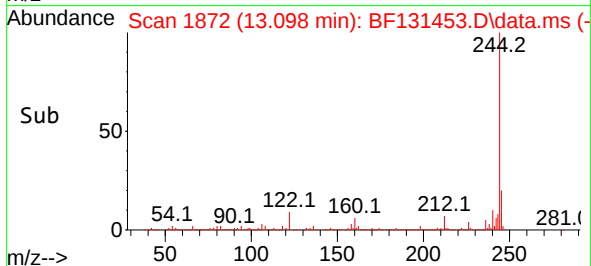


Tgt Ion:244 Resp: 1805019
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.1 7.5 11.3

Manual Integrations

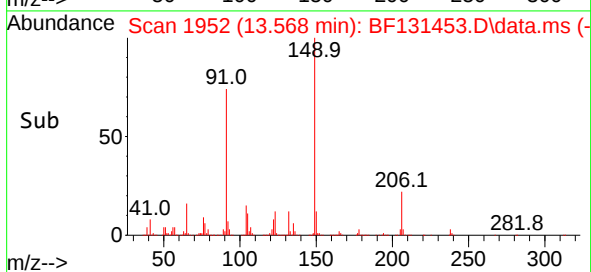
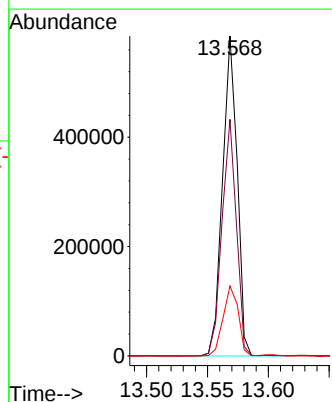
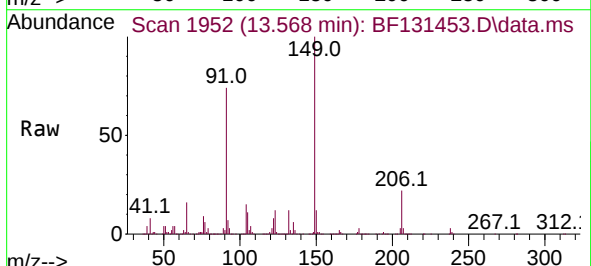
APPROVED

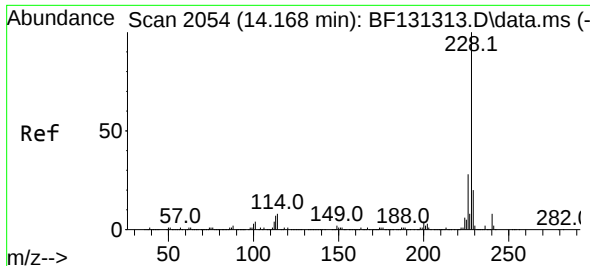
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#80
Butylbenzylphthalate
Concen: 44.702 ng
RT: 13.568 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

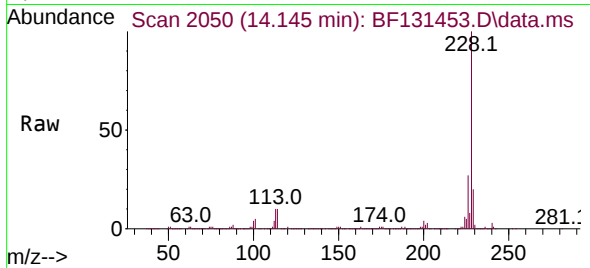
Tgt Ion:149 Resp: 488818
Ion Ratio Lower Upper
149 100
91 73.9 61.9 92.9
206 21.8 16.5 24.7





#81
Benzo(a)anthracene
Concen: 42.760 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

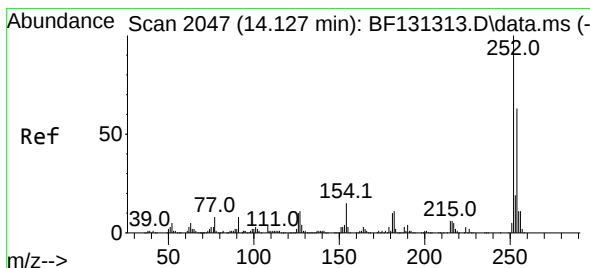
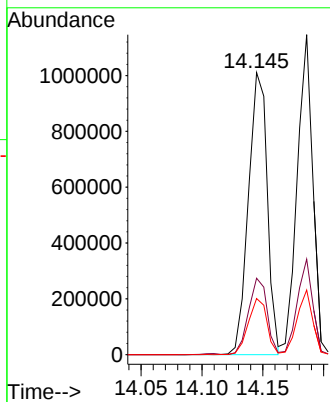
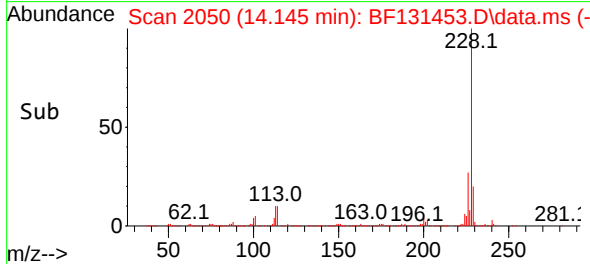
Instrument :
BNA_F
ClientSampleId :
PB149316BS



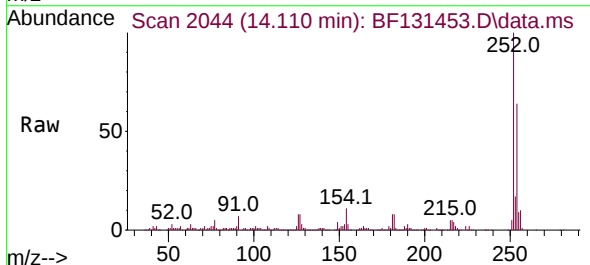
Tgt Ion:228 Resp: 1087326
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.9 15.7 23.5

Manual Integrations
APPROVED

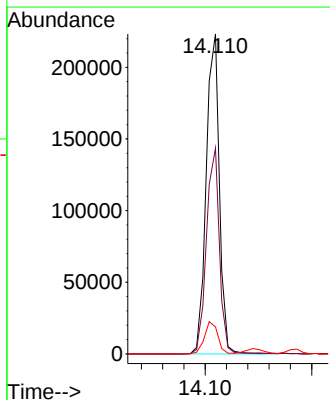
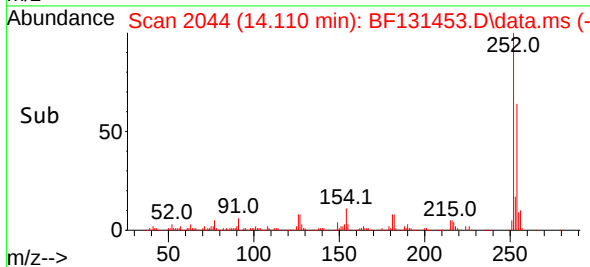
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

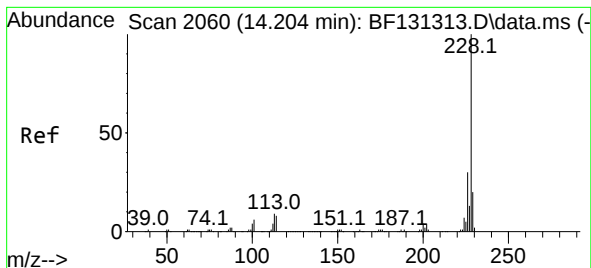


#82
3,3'-Dichlorobenzidine
Concen: 28.250 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion:252 Resp: 190626
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 8.5 8.3 12.5





#83

Chrysene

Concen: 41.363 ng

RT: 14.186 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

Tgt Ion:228 Resp: 1031914

Ion Ratio Lower Upper

228 100

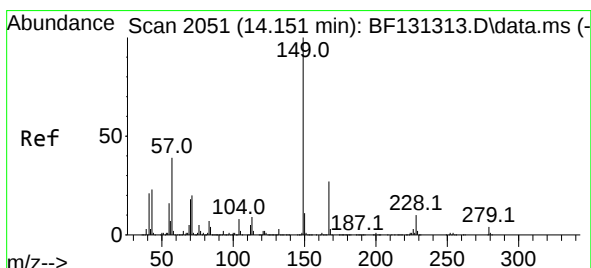
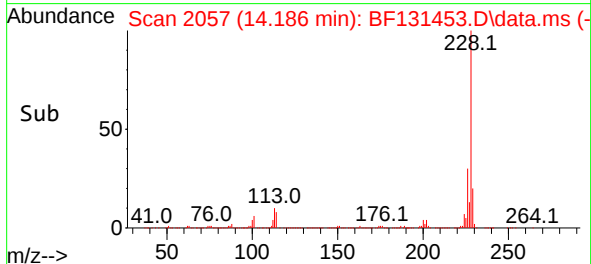
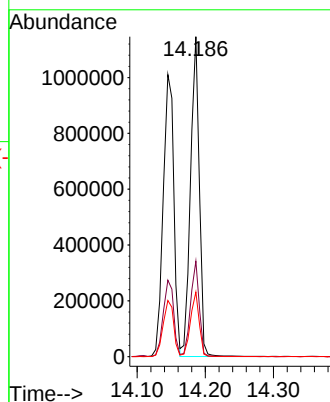
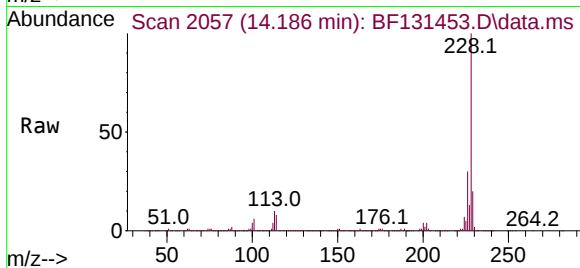
226 29.8 23.7 35.5

229 20.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.936 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

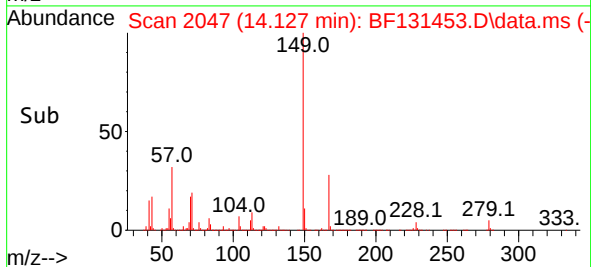
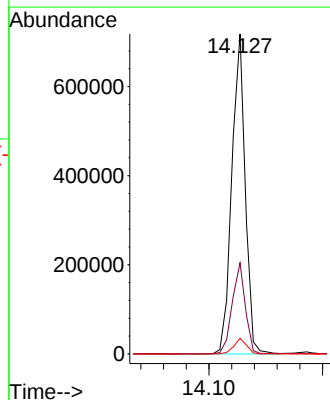
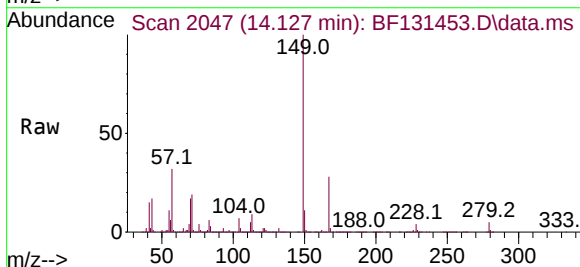
Tgt Ion:149 Resp: 589465

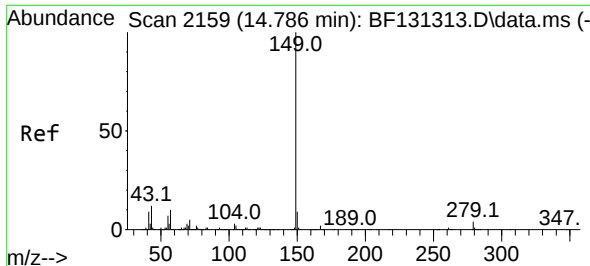
Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

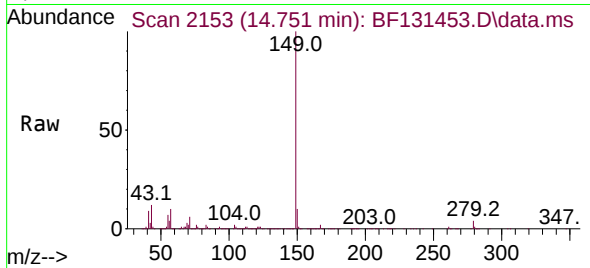
279 4.9 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 41.691 ng
RT: 14.751 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

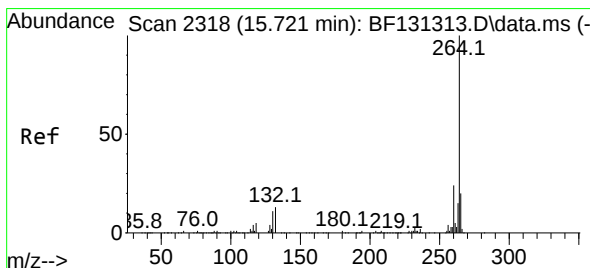
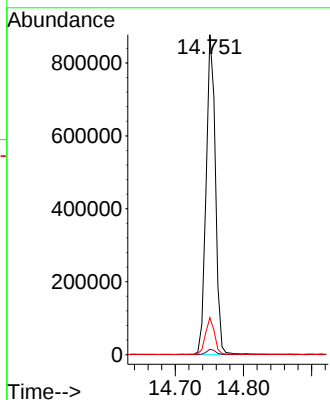
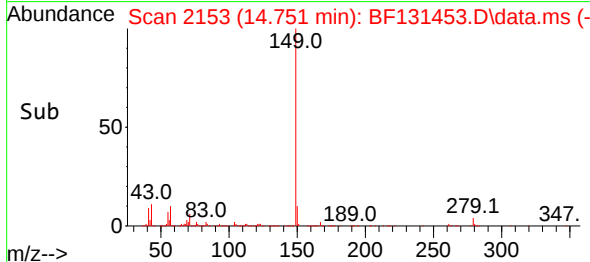
Instrument :
BNA_F
ClientSampleId :
PB149316BS



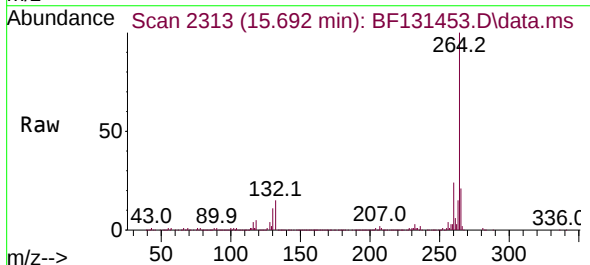
Tgt Ion:149 Resp: 830295
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 10.7 16.1

Manual Integrations
APPROVED

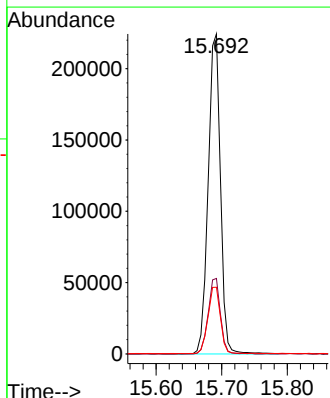
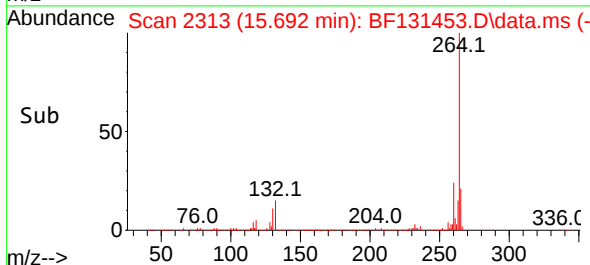
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

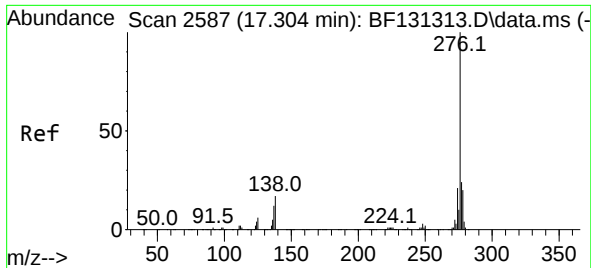


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15



Tgt Ion:264 Resp: 291056
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 20.8 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.342 ng
RT: 17.262 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

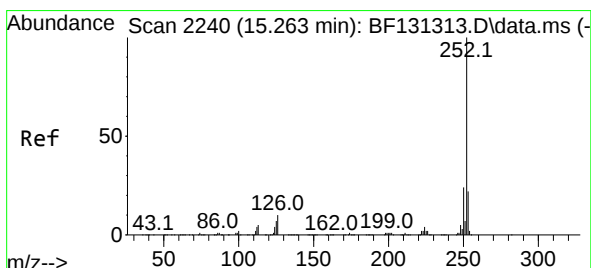
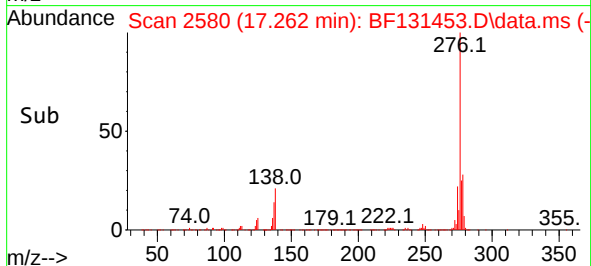
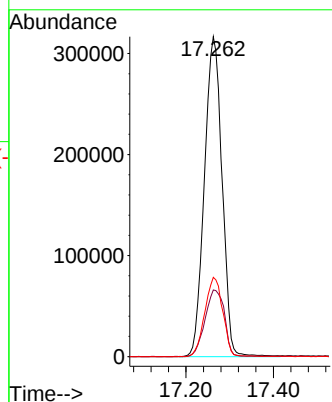
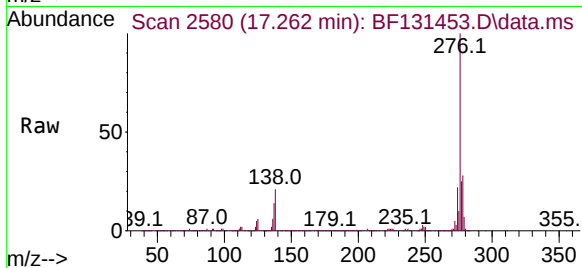
ClientSampleId :

PB149316BS

Tgt Ion:276 Resp: 886380
Ion Ratio Lower Upper
276 100
138 22.9 15.8 23.6
277 25.2 20.3 30.5

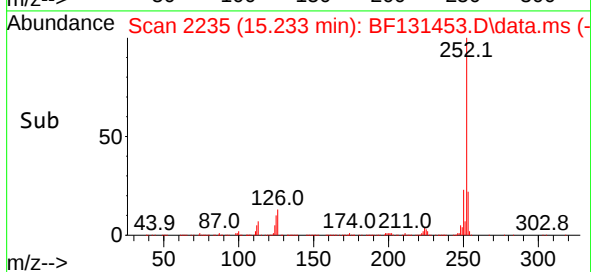
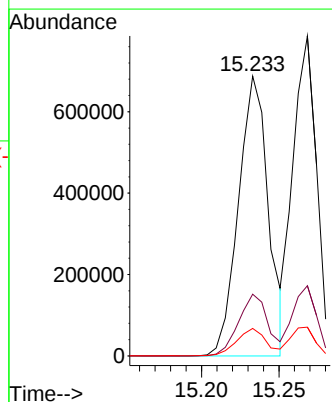
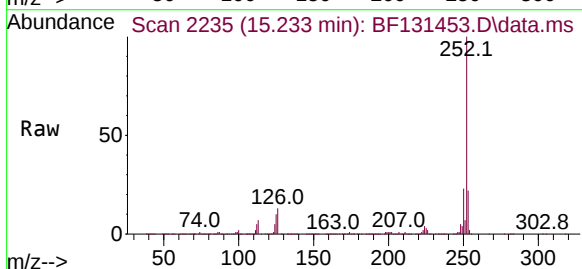
Manual Integrations
APPROVED

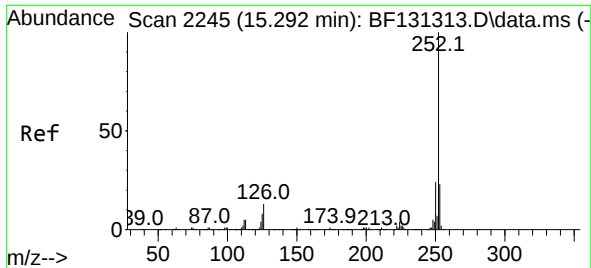
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#88
Benzo(b)fluoranthene
Concen: 47.731 ng
RT: 15.233 min Scan# 2235
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:252 Resp: 922908
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 5.8 8.6#





#89

Benzo(k)fluoranthene

Concen: 42.727 ng

RT: 15.268 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

ClientSampleId :

PB149316BS

Tgt Ion:252 Resp: 848993

Ion Ratio Lower Upper

252 100

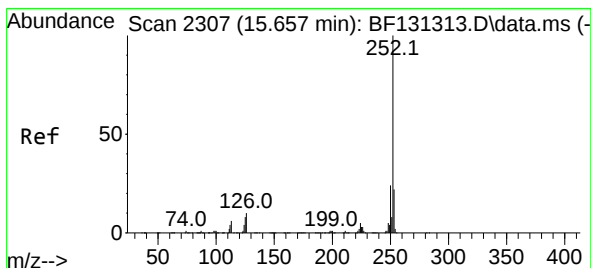
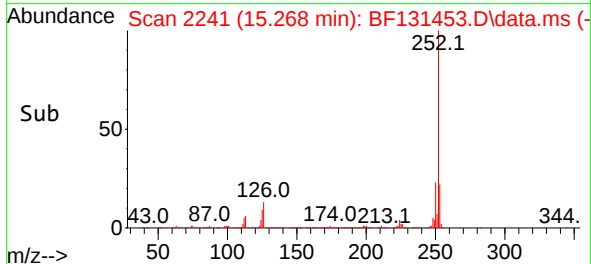
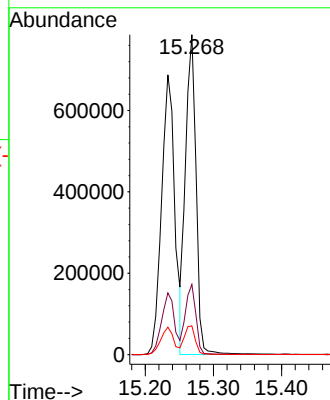
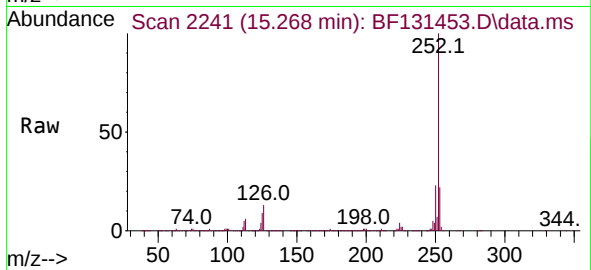
253 21.9 17.9 26.9

125 9.0 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#90

Benzo(a)pyrene

Concen: 48.672 ng

RT: 15.627 min Scan# 2302

Delta R.T. -0.012 min

Lab File: BF131453.D

Acq: 29 Nov 2022 11:15

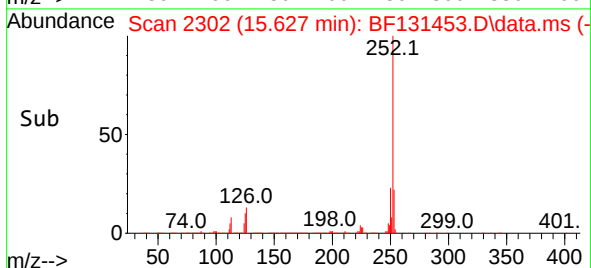
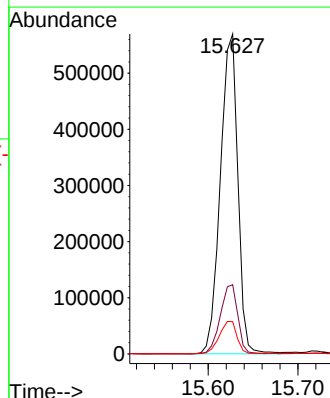
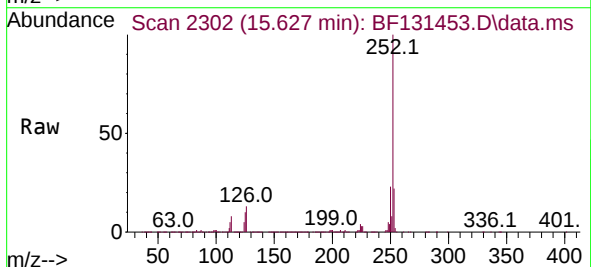
Tgt Ion:252 Resp: 772202

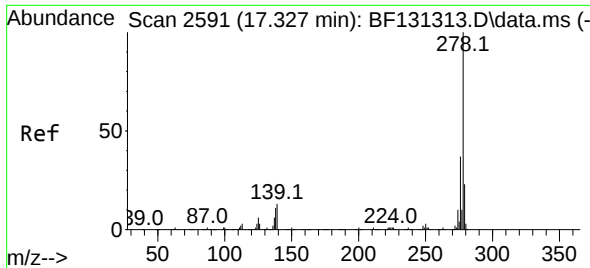
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.1 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 45.913 ng
RT: 17.286 min Scan# 2591
Delta R.T. -0.012 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Instrument :

BNA_F

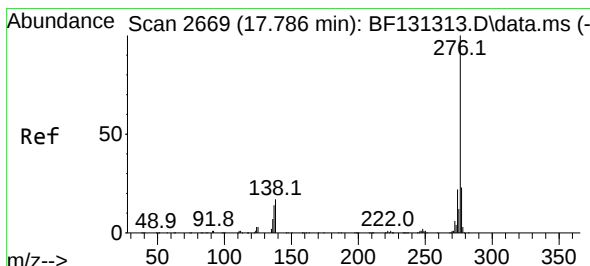
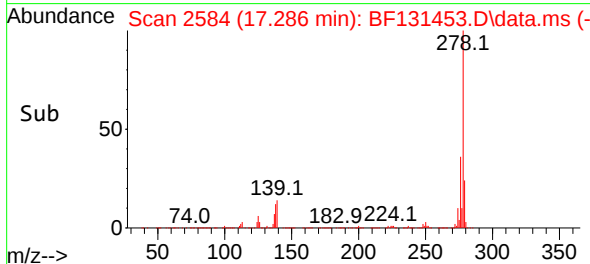
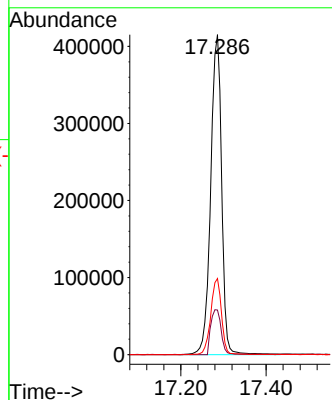
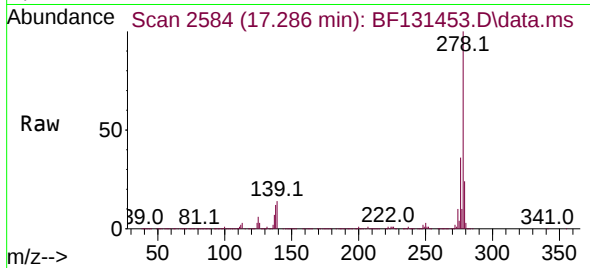
ClientSampleId :

PB149316BS

Tgt Ion:278 Resp: 741000
Ion Ratio Lower Upper
278 100
139 13.9 10.4 15.6
279 23.8 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#92
Benzo(g,h,i)perylene
Concen: 46.886 ng
RT: 17.739 min Scan# 2661
Delta R.T. -0.018 min
Lab File: BF131453.D
Acq: 29 Nov 2022 11:15

Tgt Ion:276 Resp: 755244
Ion Ratio Lower Upper
276 100
277 23.9 18.3 27.5
138 20.1 13.8 20.6

