

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131454.D
 Acq On : 29 Nov 2022 11:47
 Operator : CG\JU
 Sample : PB149316BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149316BSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 01:04:45 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	143435	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	532856	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	288748	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	531311	20.000	ng	# 0.00
76) Chrysene-d12	14.157	240	355449	20.000	ng	#-0.01
86) Perylene-d12	15.686	264	276891	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1060694	140.742	ng	0.02
7) Phenol-d6	6.575	99	1351857	140.589	ng	0.00
23) Nitrobenzene-d5	7.516	82	847504	80.175	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	379900	156.385	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1503065	75.730	ng	0.00
79) Terphenyl-d14	13.092	244	1757261	80.844	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.851	88	149451	41.596	ng	90
3) Pyridine	3.604	79	406871	40.782	ng	86
4) n-Nitrosodimethylamine	3.575	42	226948	38.574	ng	# 75
6) Aniline	6.610	93	414685m	32.907	ng	
8) 2-Chlorophenol	6.734	128	426136	49.909	ng	93
9) Benzaldehyde	6.498	77	235833	39.879	ng	95
10) Phenol	6.586	94	507764m	47.627	ng	
11) bis(2-Chloroethyl)ether	6.681	93	407530	45.624	ng	98
12) 1,3-Dichlorobenzene	6.886	146	441856	43.422	ng	99
13) 1,4-Dichlorobenzene	6.963	146	446543	43.186	ng	98
14) 1,2-Dichlorobenzene	7.116	146	429389	45.101	ng	96
15) Benzyl Alcohol	7.092	79	351624	44.598	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.222	45	670932	39.276	ng	95
17) 2-Methylphenol	7.198	107	338421	46.504	ng	95
18) Hexachloroethane	7.463	117	164199	44.392	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	287868	40.895	ng	91
20) 3+4-Methylphenols	7.351	107	409836	44.108	ng	# 86
22) Acetophenone	7.363	105	558349	41.166	ng	# 92
24) Nitrobenzene	7.533	77	453832	41.207	ng	96
25) Isophorone	7.775	82	823359	43.658	ng	97
26) 2-Nitrophenol	7.851	139	223144	60.313	ng	# 84
27) 2,4-Dimethylphenol	7.886	122	388704	53.166	ng	93
28) bis(2-Chloroethoxy)met...	7.981	93	488878	45.640	ng	99
29) 2,4-Dichlorophenol	8.092	162	354509	44.702	ng	98
30) 1,2,4-Trichlorobenzene	8.175	180	395903	40.299	ng	99
31) Naphthalene	8.263	128	1171064	41.241	ng	99
32) Benzoic acid	8.010	122	258236	54.000	ng	100
33) 4-Chloroaniline	8.304	127	124431	11.108	ng	95
34) Hexachlorobutadiene	8.369	225	233203	36.659	ng	99
35) Caprolactam	8.686	113	121984m	58.535	ng	
36) 4-Chloro-3-methylphenol	8.792	107	376291	45.671	ng	98
37) 2-Methylnaphthalene	8.957	142	771998	40.125	ng	100
38) 1-Methylnaphthalene	9.057	142	728831	39.065	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	381111	40.673	ng	99
41) Hexachlorocyclopentadiene	9.104	237	455379	108.106	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	263190	49.513	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	284324	47.567	ng	95
46) 1,1'-Biphenyl	9.422	154	933587	42.369	ng	98
47) 2-Chloronaphthalene	9.451	162	748626	42.352	ng	99
48) 2-Nitroaniline	9.545	65	256952	47.876	ng	93
49) Acenaphthylene	9.869	152	1149043	42.643	ng	100
50) Dimethylphthalate	9.727	163	854364	42.467	ng	98
51) 2,6-Dinitrotoluene	9.786	165	201243	50.019	ng	# 83
52) Acenaphthene	10.039	154	813353m	48.205	ng	
53) 3-Nitroaniline	9.957	138	110849	26.813	ng	96
54) 2,4-Dinitrophenol	10.063	184	240005	111.258	ng	85
55) Dibenzofuran	10.216	168	1008768	41.556	ng	95
56) 4-Nitrophenol	10.122	139	337687	117.693	ng	85
57) 2,4-Dinitrotoluene	10.192	165	274315	54.189	ng	93
58) Fluorene	10.557	166	785068	41.439	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.327	232	246824	49.584	ng	94
60) Diethylphthalate	10.427	149	787743	41.468	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	395591	40.733	ng	98
62) 4-Nitroaniline	10.580	138	204194	49.628	ng	87
63) Azobenzene	10.710	77	812050	39.757	ng	92
65) 4,6-Dinitro-2-methylph...	10.604	198	150046	60.797	ng	# 75
66) n-Nitrosodiphenylamine	10.669	169	704545	41.615	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	261699	40.188	ng	98
68) Hexachlorobenzene	11.104	284	286477	41.450	ng	92
69) Atrazine	11.198	200	252207	48.384	ng	98
70) Pentachlorophenol	11.298	266	330631	82.188	ng	99
71) Phenanthrene	11.527	178	1183325	41.211	ng	99
72) Anthracene	11.580	178	1201586	42.581	ng	99
73) Carbazole	11.733	167	1115162	46.328	ng	99
74) Di-n-butylphthalate	12.057	149	1206329	42.530	ng	99
75) Fluoranthene	12.721	202	1301522	43.016	ng	98
77) Benzidine	12.845	184	449166	68.412	ng	# 95
78) Pyrene	12.957	202	1333019	42.506	ng	100
80) Butylbenzylphthalate	13.568	149	483565	46.019	ng	96
81) Benzo(a)anthracene	14.145	228	1059811	43.499	ng	98
82) 3,3'-Dichlorobenzidine	14.110	252	188399	29.140	ng	100
83) Chrysene	14.186	228	1002161	41.925	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	571373	41.369	ng	99
85) Di-n-octyl phthalate	14.751	149	787527	41.367	ng	95
87) Indeno(1,2,3-cd)pyrene	17.262	276	860618	46.277	ng	98
88) Benzo(b)fluoranthene	15.233	252	858387	46.665	ng	# 98
89) Benzo(k)fluoranthene	15.268	252	809013	42.798	ng	99
90) Benzo(a)pyrene	15.627	252	730042	48.369	ng	# 98
91) Dibenzo(a,h)anthracene	17.286	278	720271	46.911	ng	97
92) Benzo(g,h,i)perylene	17.745	276	740374	48.314	ng	96

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

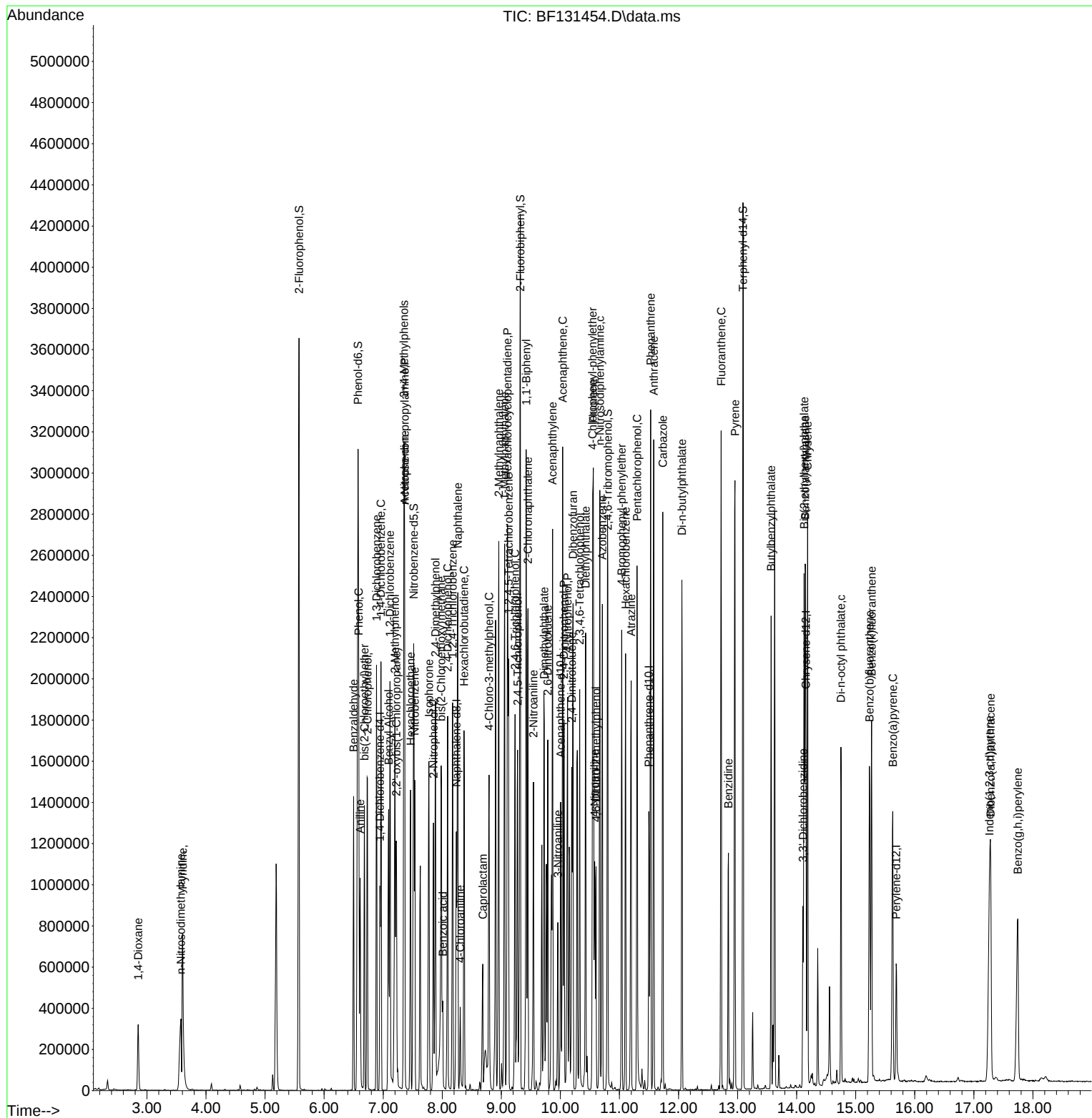
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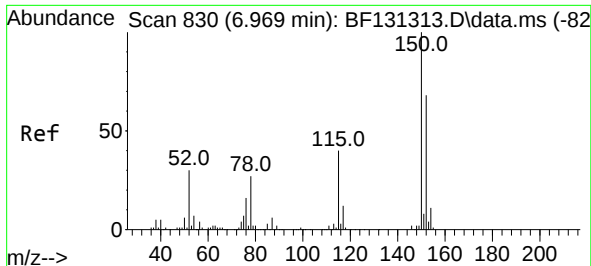
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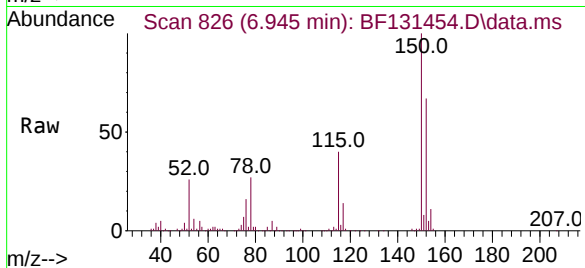
Reviewed By : Christian Giraldo 11/30/2022
 Supervised By : mohammad ahmed 12/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

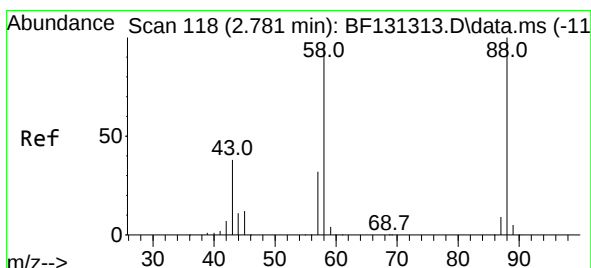
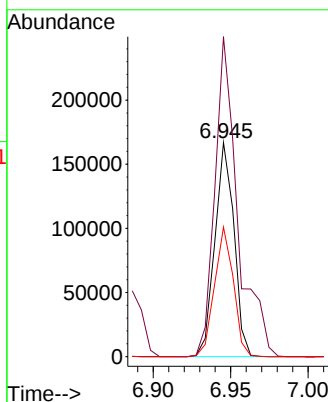
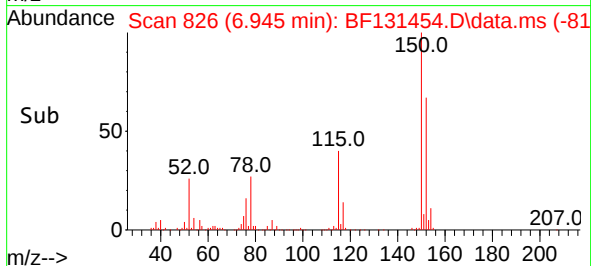
Instrument :
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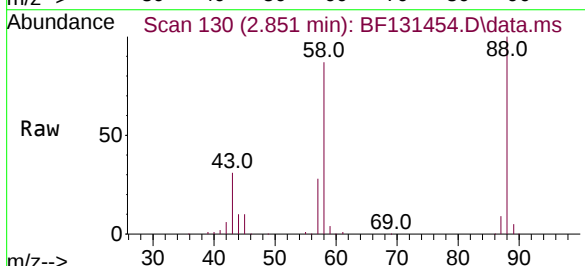
Tgt Ion:152 Resp: 143435
Ion Ratio Lower Upper
152 100
150 149.4 117.8 176.8
115 60.5 47.1 70.7

Manual Integrations
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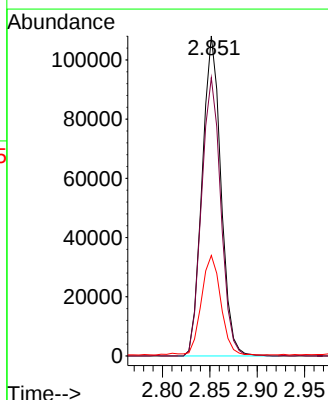
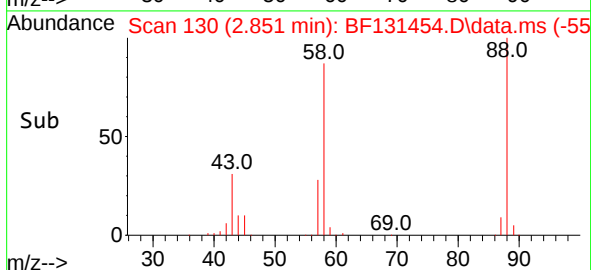
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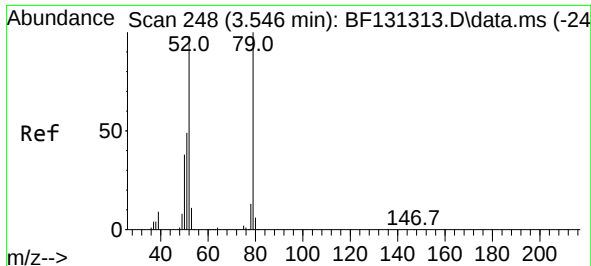


#2
1,4-Dioxane
Concen: 41.596 ng
RT: 2.851 min Scan# 130
Delta R.T. 0.094 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



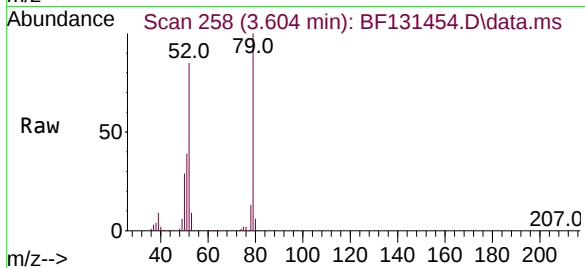
Tgt Ion: 88 Resp: 149451
Ion Ratio Lower Upper
88 100
58 88.9 78.2 117.4
43 32.3 31.6 47.4





#3
Pyridine
Concen: 40.782 ng
RT: 3.604 min Scan# 248
Delta R.T. 0.070 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

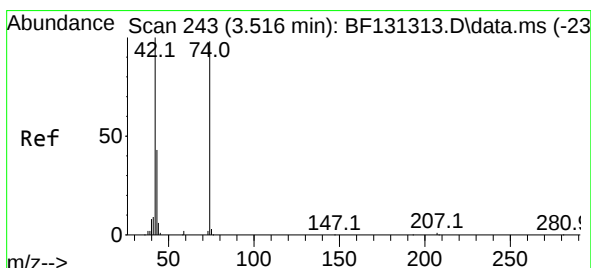
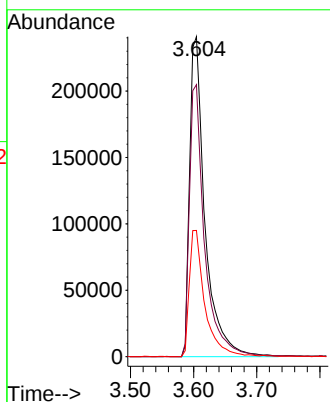
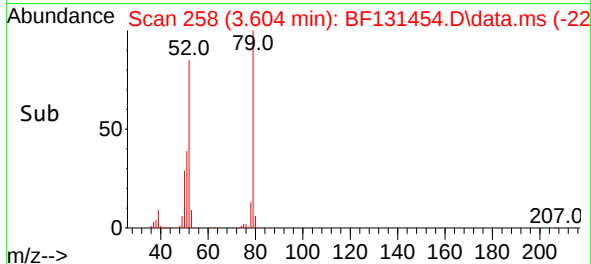
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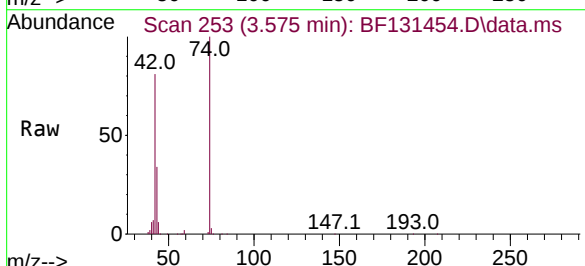
Tgt Ion: 79 Resp: 40687
Ion Ratio Lower Upper
79 100
52 85.0 78.7 118.1
51 39.4 39.3 58.9

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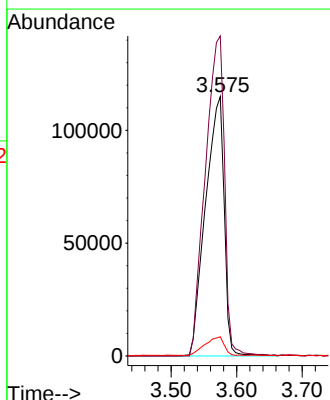
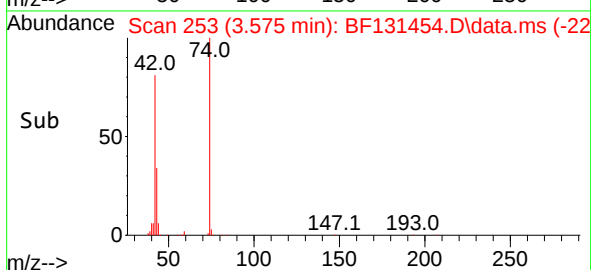
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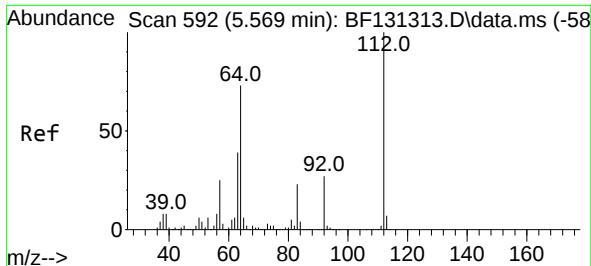


#4
n-Nitrosodimethylamine
Concen: 38.574 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.076 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion: 42 Resp: 226948
Ion Ratio Lower Upper
42 100
74 123.4 78.0 117.0#
44 7.4 5.2 7.8





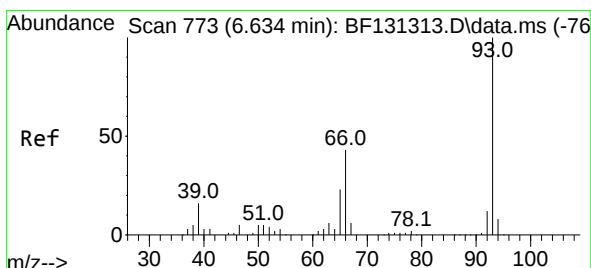
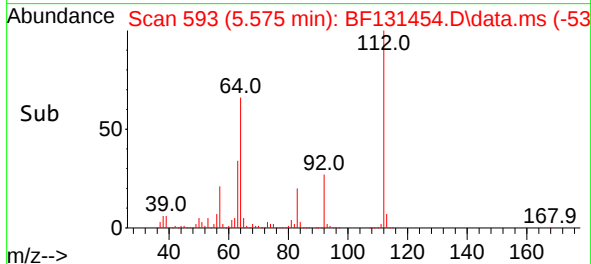
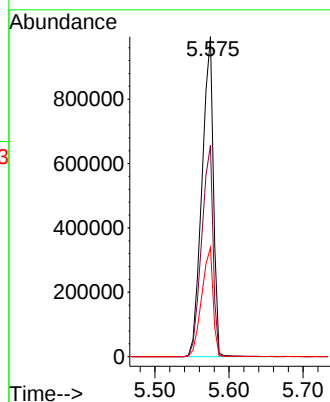
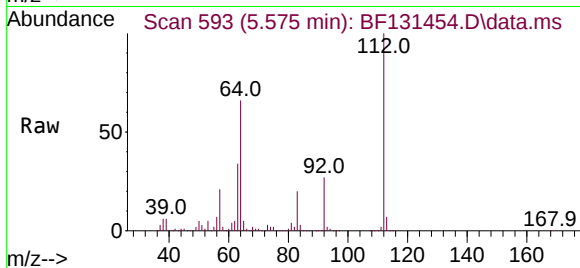
#5
2-Fluorophenol
Concen: 140.742 ng
RT: 5.575 min Scan# 592
Delta R.T. 0.017 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1060694
Ion Ratio Lower Upper
112 100
64 66.0 58.6 88.0
63 34.1 31.4 47.0

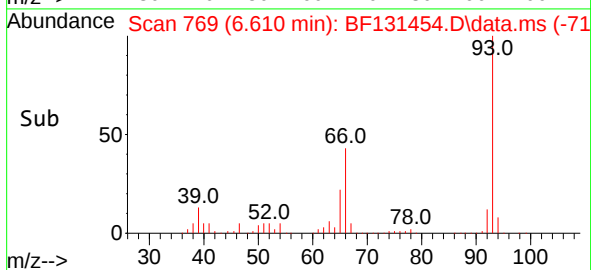
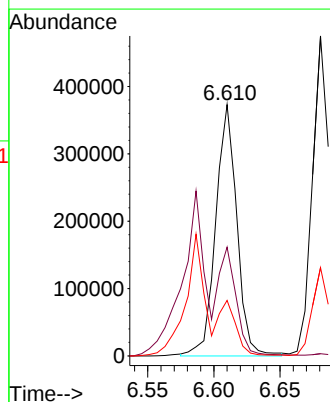
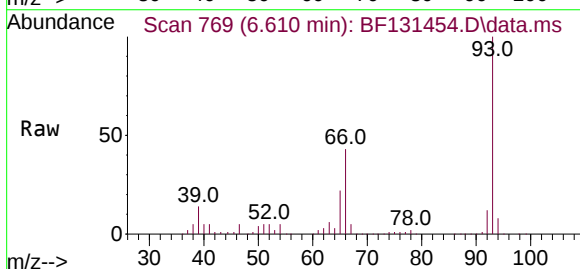
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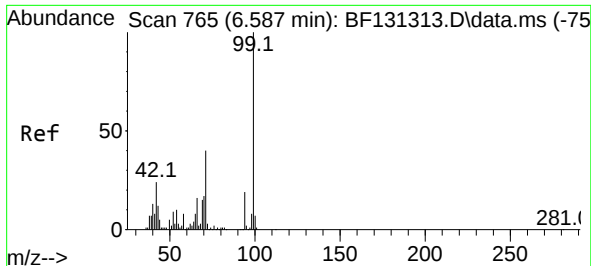
Reviewed By :Christian Giraldo 11/30/2022
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#6
Aniline
Concen: 32.907 ng m
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

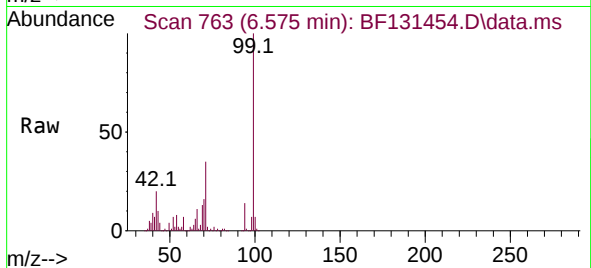
Tgt Ion: 93 Resp: 414685
Ion Ratio Lower Upper
93 100
66 43.2 35.6 53.4
65 22.0 18.4 27.6





#7
Phenol-d6
Concen: 140.589 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131454.D
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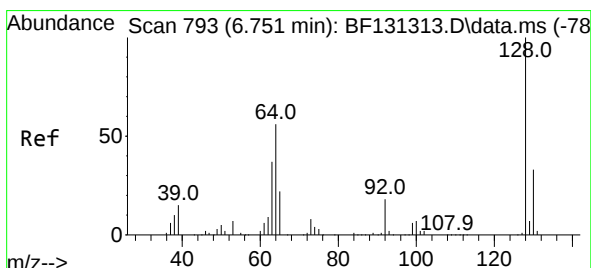
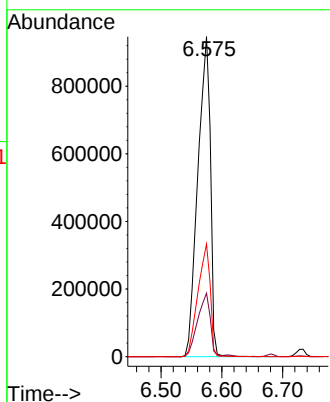
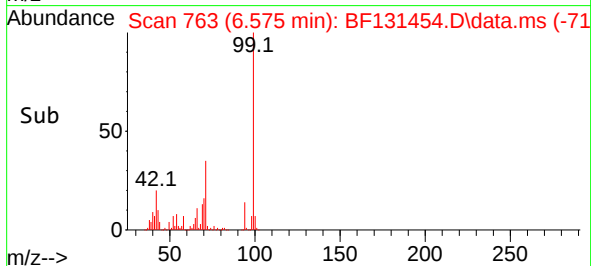
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Tgt Ion: 99 Resp: 135185
Ion Ratio Lower Upper
99 100
42 19.8 19.4 29.2
71 35.2 32.3 48.5

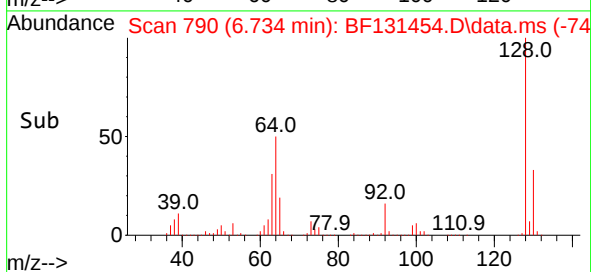
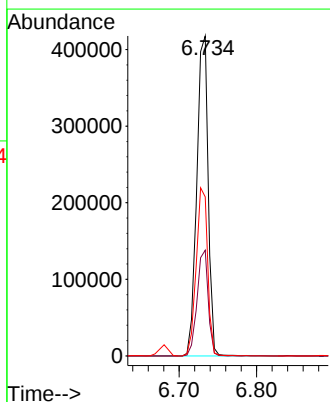
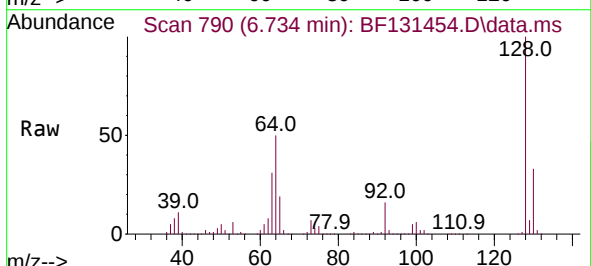
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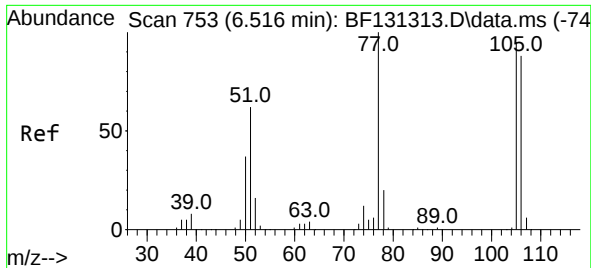
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#8
2-Chlorophenol
Concen: 49.909 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131454.D
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Tgt Ion:128 Resp: 426136
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 49.7 36.9 76.9





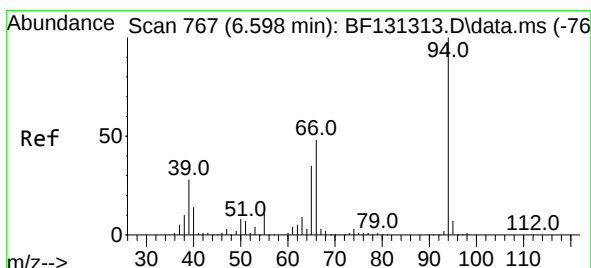
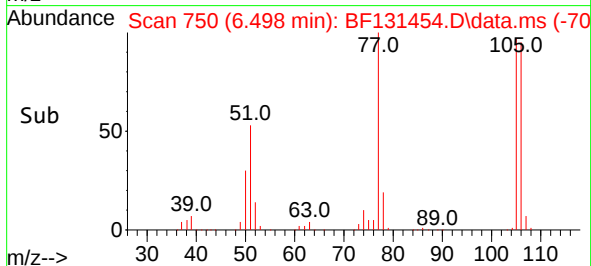
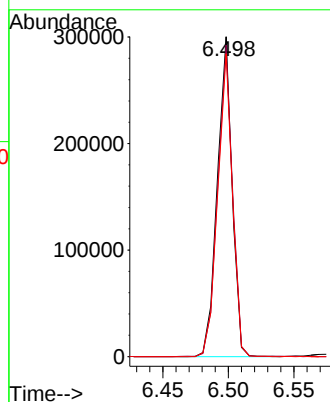
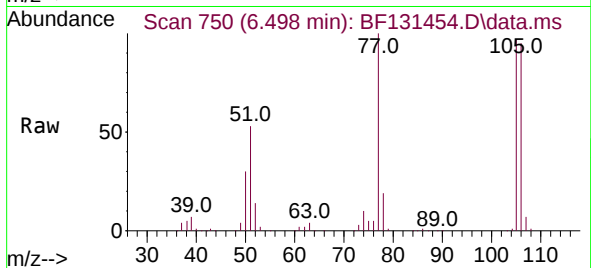
#9
Benzaldehyde
Concen: 39.879 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF131454.D
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Tgt Ion: 77 Resp: 235833
Ion Ratio Lower Upper
77 100
105 97.3 74.5 114.5
106 94.7 68.1 108.1

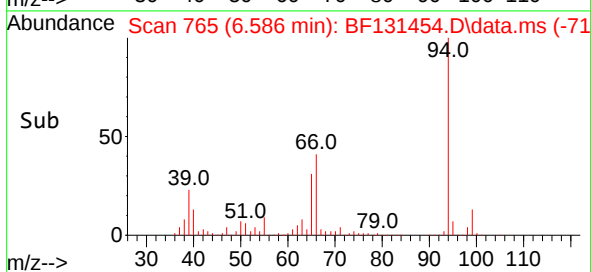
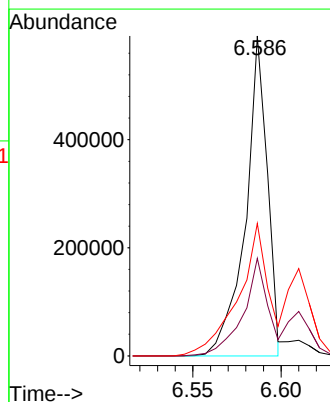
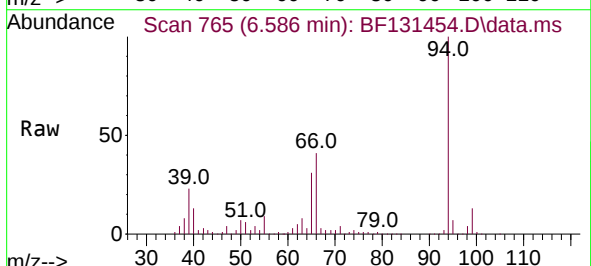
Manual Integrations
APPROVED

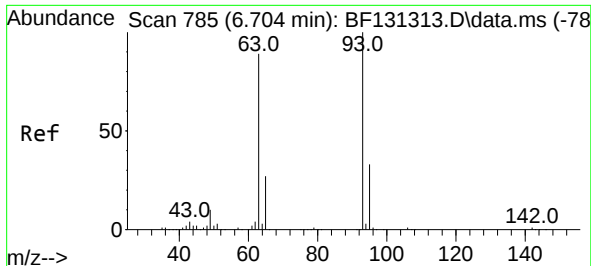
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#10
Phenol
Concen: 47.627 ng m
RT: 6.586 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Tgt Ion: 94 Resp: 507764
Ion Ratio Lower Upper
94 100
65 30.5 15.0 55.0
66 41.4 28.6 68.6





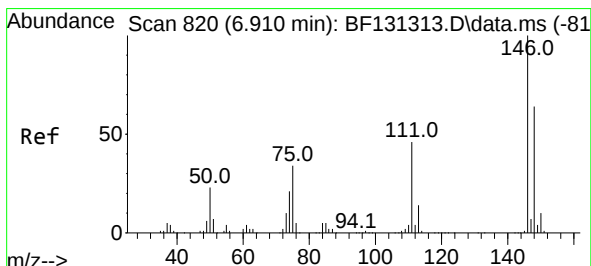
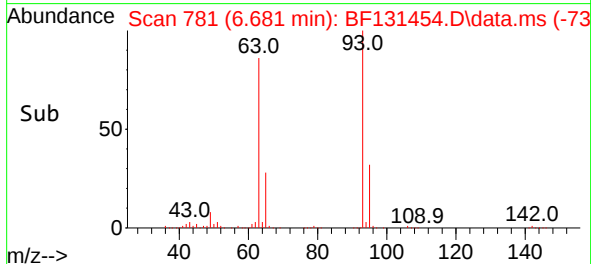
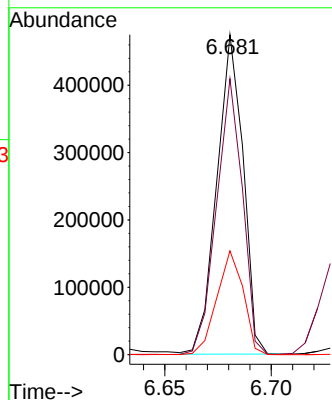
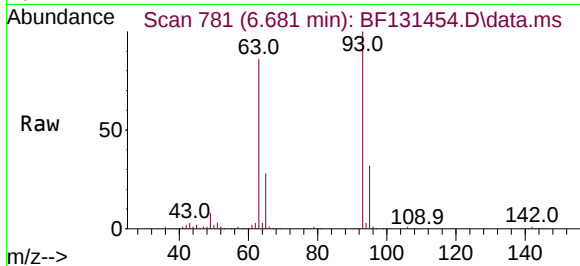
#11
bis(2-Chloroethyl)ether
Concen: 45.624 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :
BNA_F
ClientSampleId :
PB149316BSD

Tgt Ion: 93 Resp: 407530
Ion Ratio Lower Upper
93 100
63 86.2 68.6 108.6
95 32.4 13.1 53.1

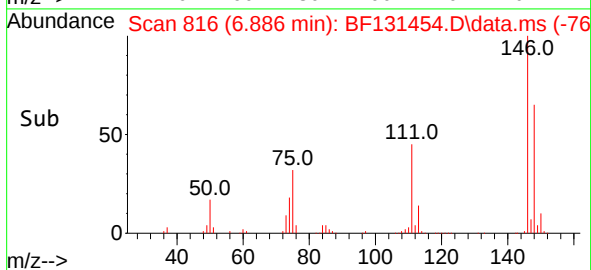
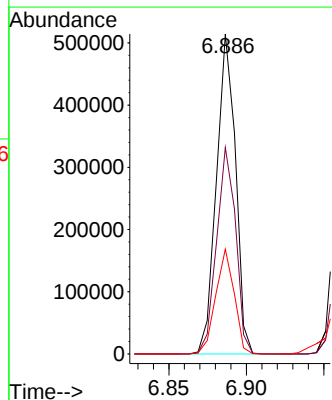
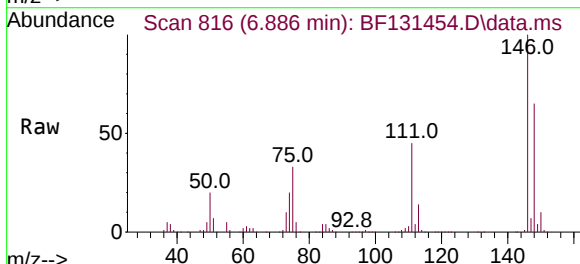
Manual Integrations
APPROVED

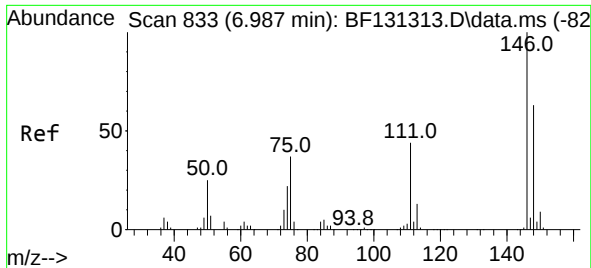
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#12
1,3-Dichlorobenzene
Concen: 43.422 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

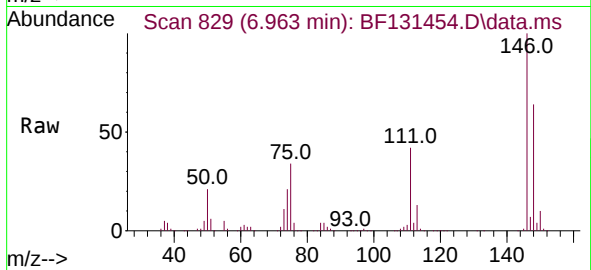
Tgt Ion:146 Resp: 441856
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 32.7 27.6 41.4





#13
 1,4-Dichlorobenzene
 Concen: 43.186 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF131454.D
 Acq: 29 Nov 2022 11:47

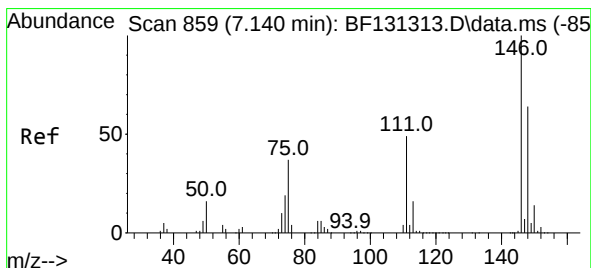
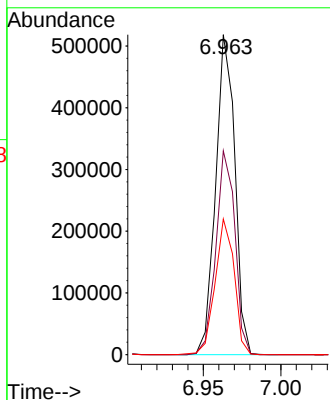
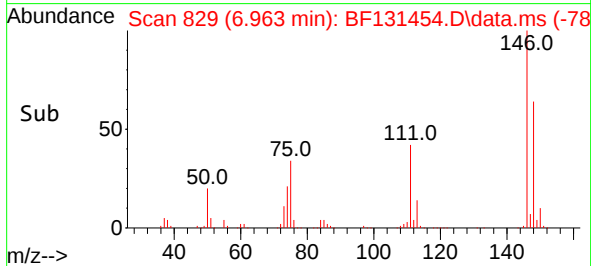
Instrument :
 BNA_F
 ClientSampleId :
 PB149316BSD



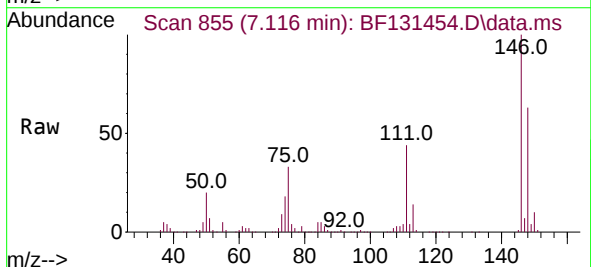
Tgt Ion:146 Resp: 446543
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 42.4 35.0 52.6

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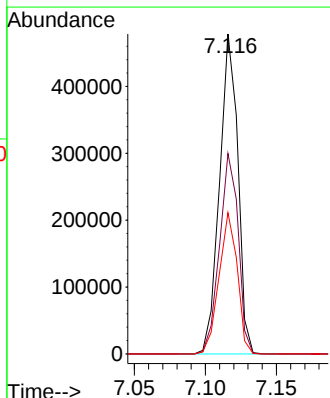
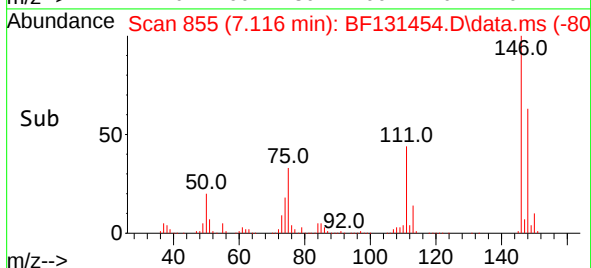
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

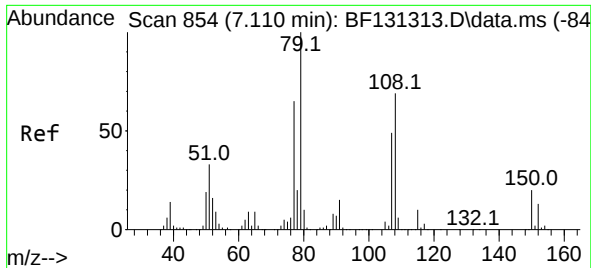


#14
 1,2-Dichlorobenzene
 Concen: 45.101 ng
 RT: 7.116 min Scan# 855
 Delta R.T. -0.012 min
 Lab File: BF131454.D
 Acq: 29 Nov 2022 11:47



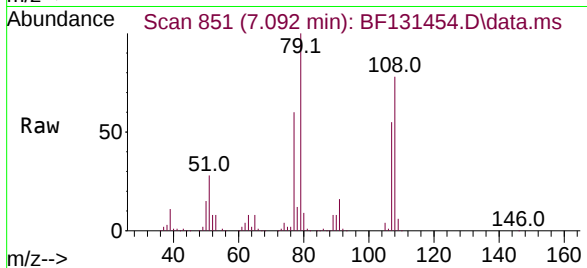
Tgt Ion:146 Resp: 429389
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.0
 111 44.1 39.4 59.0





#15
Benzyl Alcohol
Concen: 44.598 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

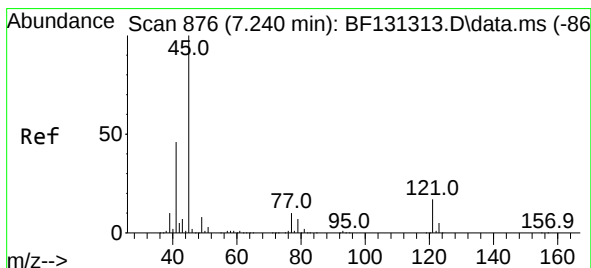
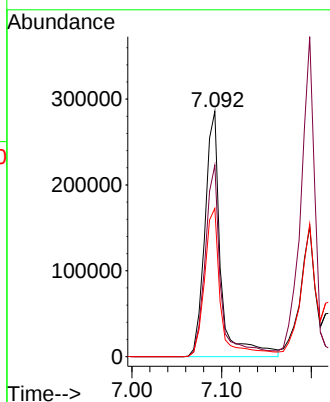
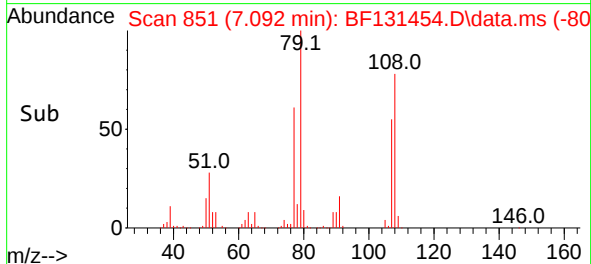
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion: 79 Resp: 351624
Ion Ratio Lower Upper
79 100
108 78.1 55.1 82.7
77 60.5 51.8 77.8

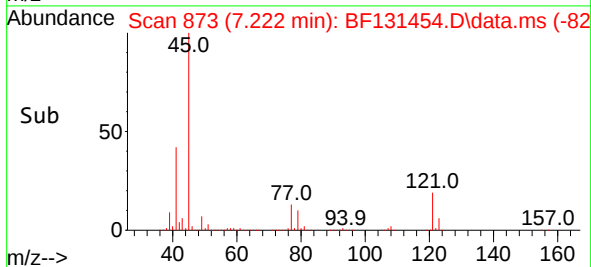
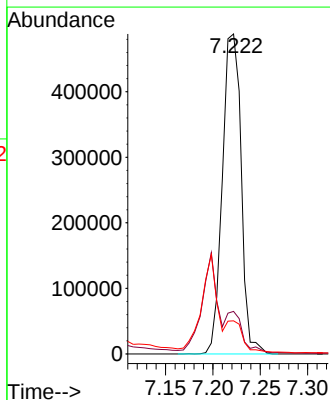
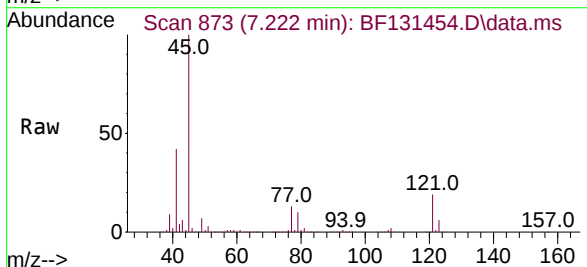
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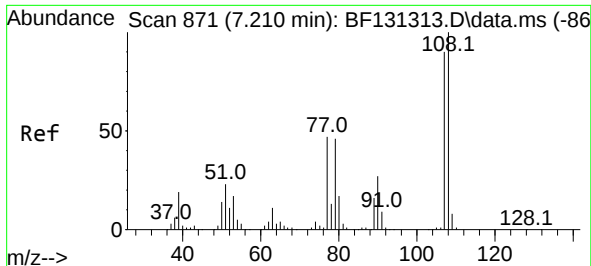
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.276 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

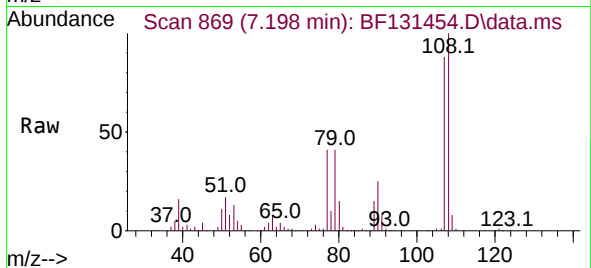
Tgt Ion: 45 Resp: 670932
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.2
79 10.3 0.0 28.4





#17
2-Methylphenol
Concen: 46.504 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

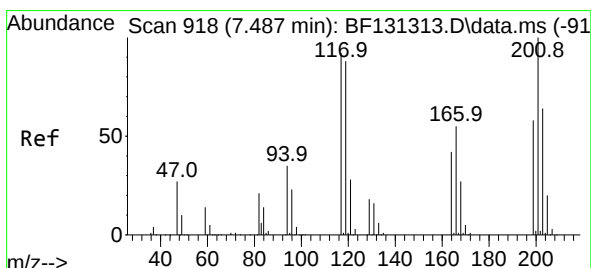
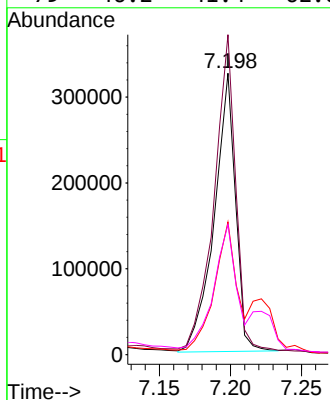
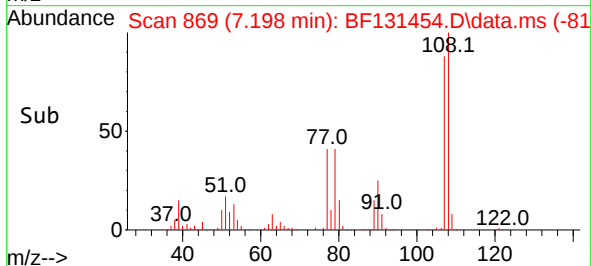
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion:107 Resp: 338421
Ion Ratio Lower Upper
107 100
108 113.7 89.0 133.6
77 47.1 42.5 63.7
79 46.2 41.4 62.0

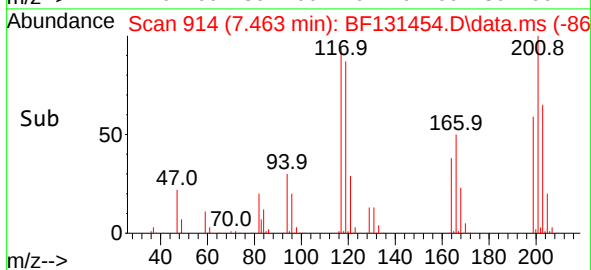
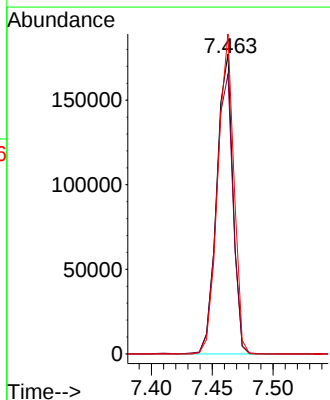
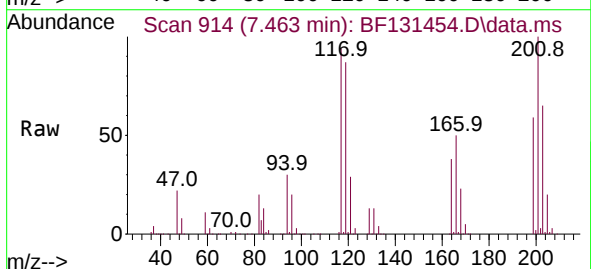
Manual Integrations
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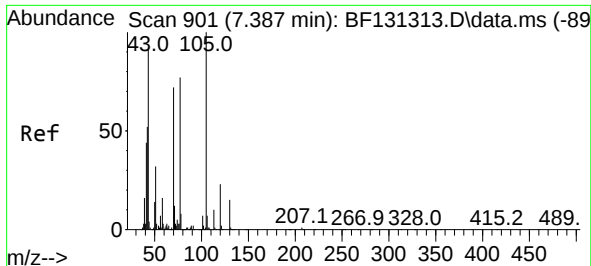
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#18
Hexachloroethane
Concen: 44.392 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

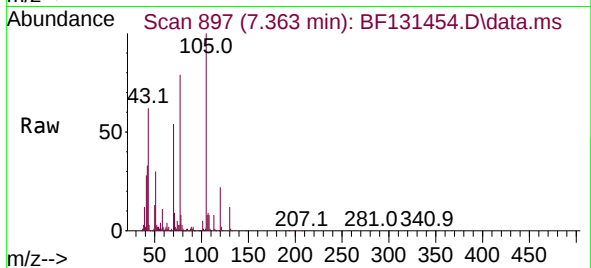
Tgt Ion:117 Resp: 164199
Ion Ratio Lower Upper
117 100
119 93.2 76.6 115.0
201 106.7 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 40.895 ng
RT: 7.363 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

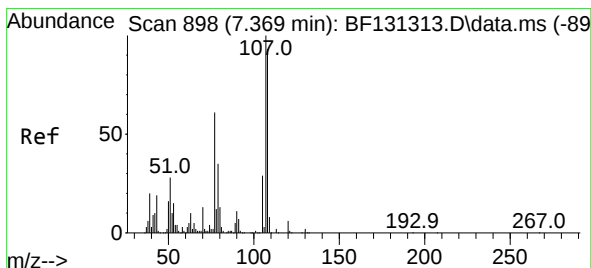
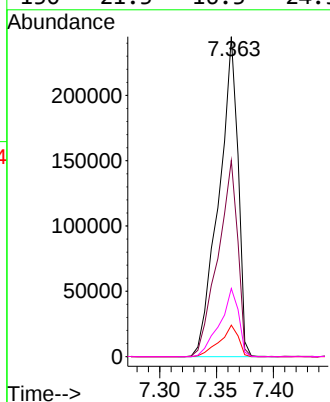
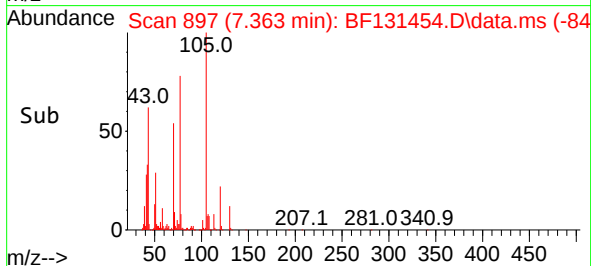
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



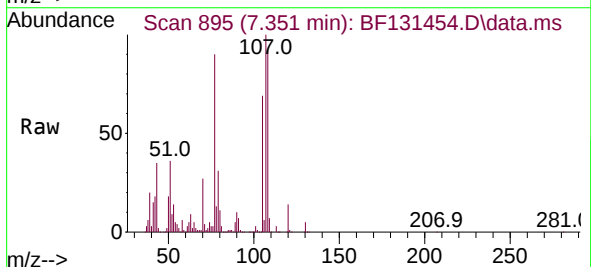
Tgt Ion: 70 Resp: 287868
Ion Ratio Lower Upper
70 100
42 61.3 57.6 86.4
101 9.8 8.2 12.2
130 21.3 16.3 24.5

Manual Integrations
APPROVED

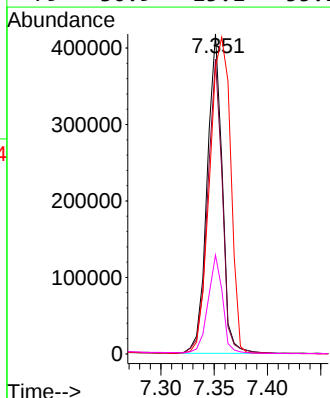
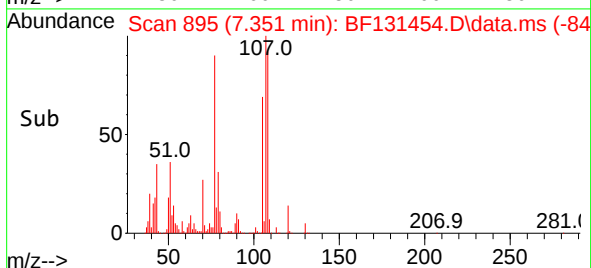
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

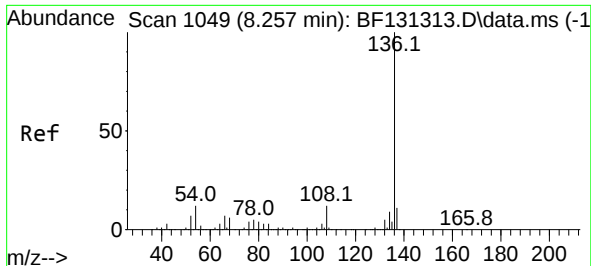


#20
3+4-Methylphenols
Concen: 44.108 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion:107 Resp: 409836
Ion Ratio Lower Upper
107 100
108 92.1 72.6 112.6
77 89.5 41.4 81.4#
79 30.9 15.1 55.1





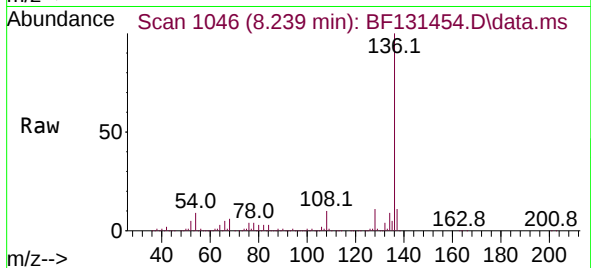
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

PB149316BSD

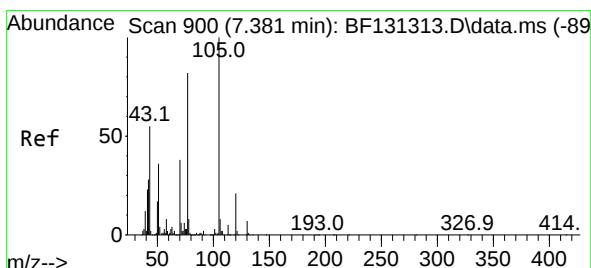
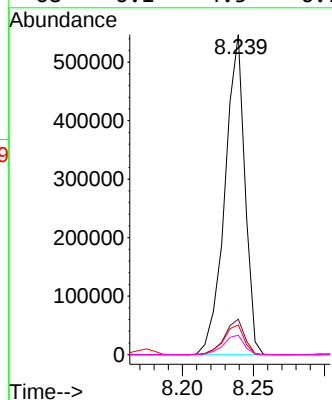
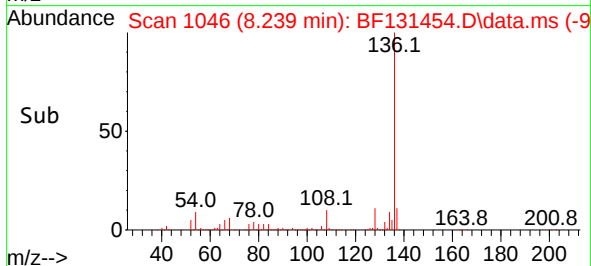


Tgt Ion:136 Resp: 532856
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 9.3 9.4 14.0
68 6.1 4.5 6.7

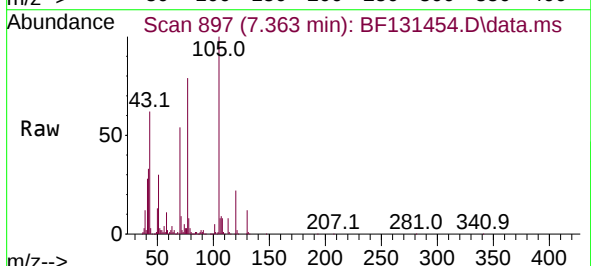
Manual Integrations

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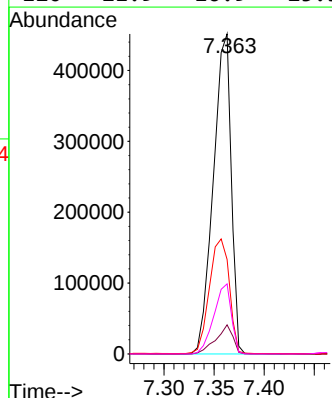
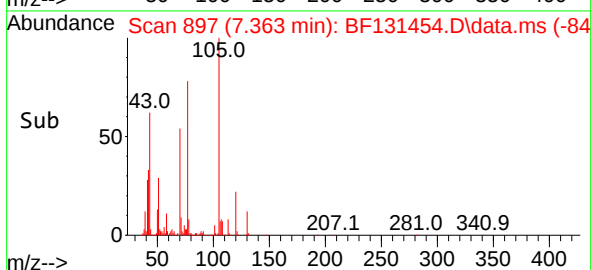
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

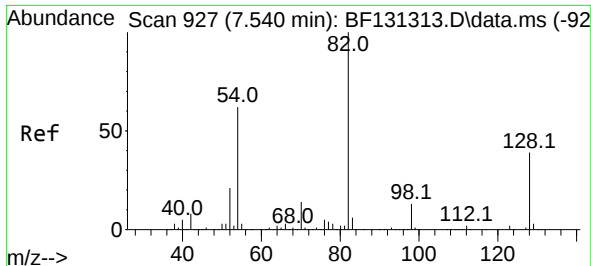


#22
Acetophenone
Concen: 41.166 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



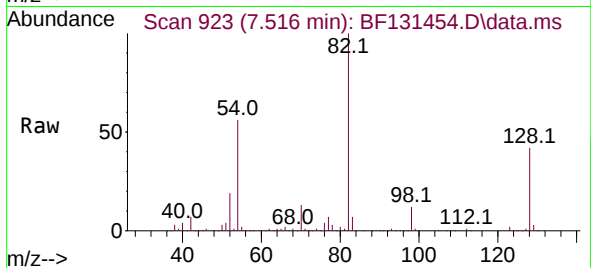
Tgt Ion:105 Resp: 558349
Ion Ratio Lower Upper
105 100
71 9.1 4.9 7.3#
51 29.5 29.0 43.4
120 21.9 16.9 25.3





#23
Nitrobenzene-d5
Concen: 80.175 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

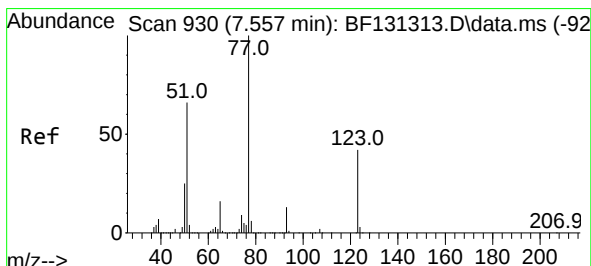
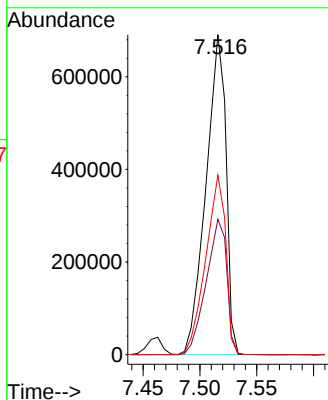
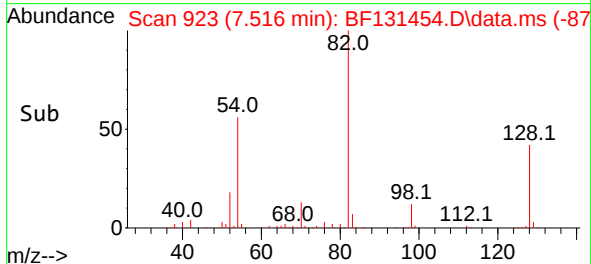
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



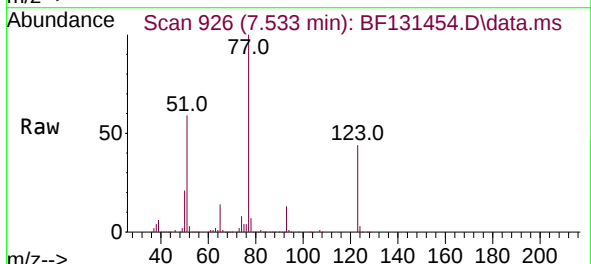
Tgt Ion: 82 Resp: 847504
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 56.1 49.8 74.6

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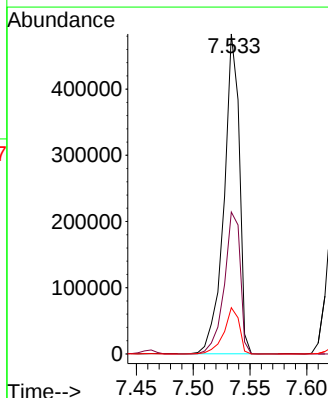
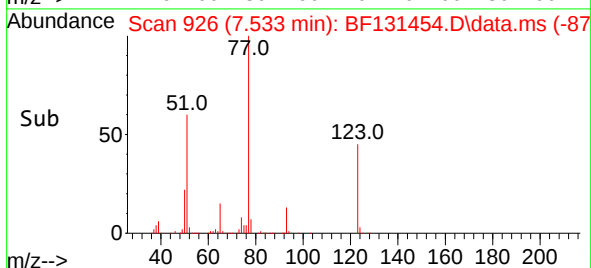
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

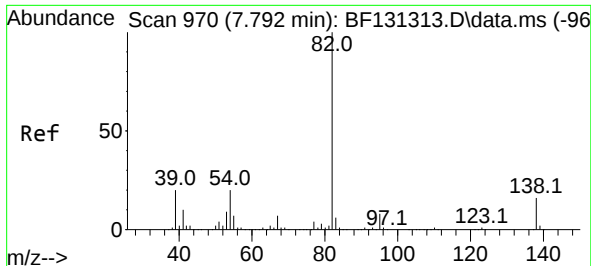


#24
Nitrobenzene
Concen: 41.207 ng
RT: 7.533 min Scan# 926
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion: 77 Resp: 453832
Ion Ratio Lower Upper
77 100
123 44.3 33.3 49.9
65 14.4 12.7 19.1





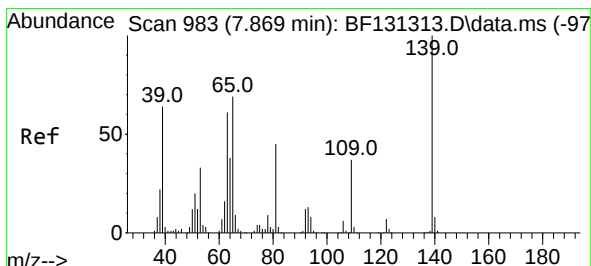
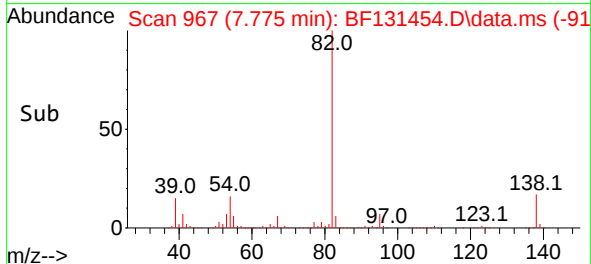
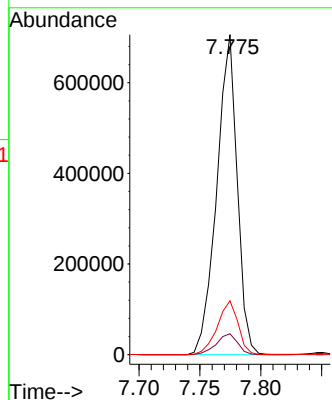
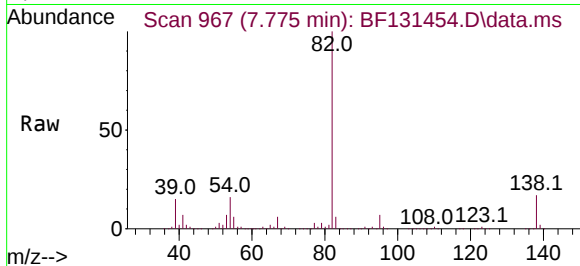
#25
Isophorone
Concen: 43.658 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :
BNA_F
ClientSampleId :
PB149316BSD

Tgt Ion: 82 Resp: 823359
Ion Ratio Lower Upper
82 100
95 6.5 6.2 9.2
138 16.8 12.7 19.1

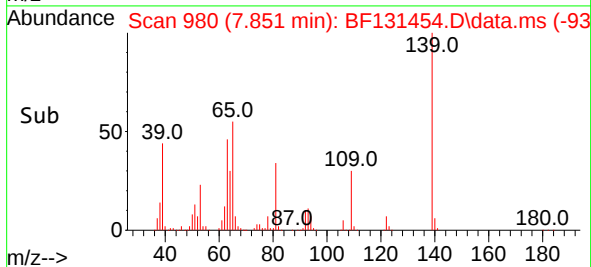
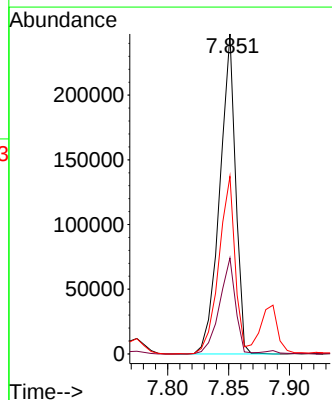
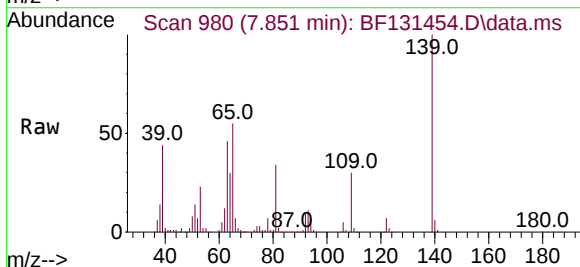
Manual Integrations
APPROVED

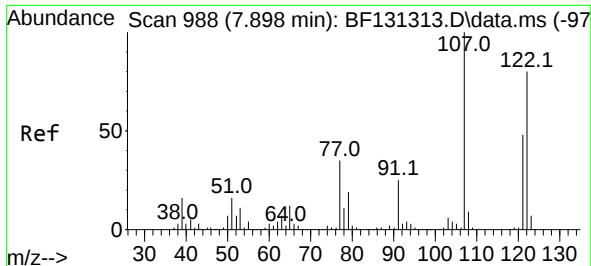
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#26
2-Nitrophenol
Concen: 60.313 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Tgt Ion:139 Resp: 223144
Ion Ratio Lower Upper
139 100
109 30.0 29.9 44.9
65 55.5 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 53.166 ng

RT: 7.886 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

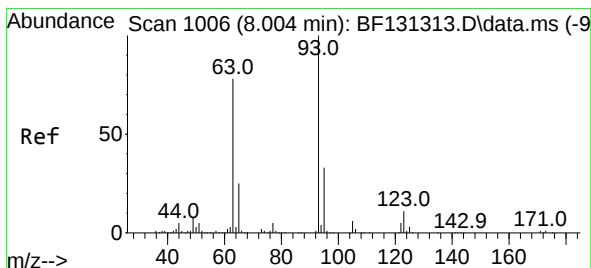
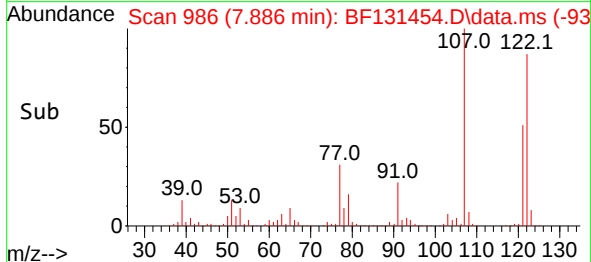
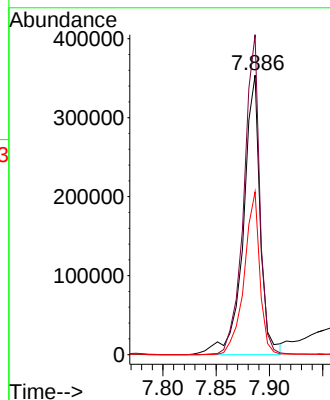
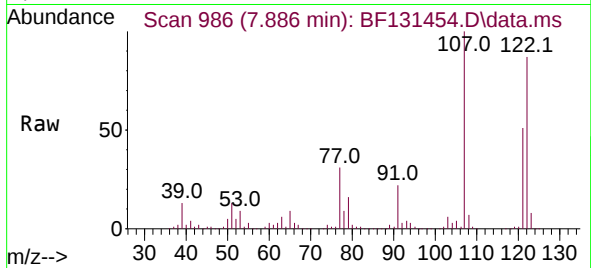
PB149316BSD

Tgt Ion:122 Resp: 388704
 Ion Ratio Lower Upper
 122 100
 107 114.5 99.9 149.9
 121 58.3 47.4 71.2

Manual Integrations

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 Supervised By :mohammad ahmed 12/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.640 ng

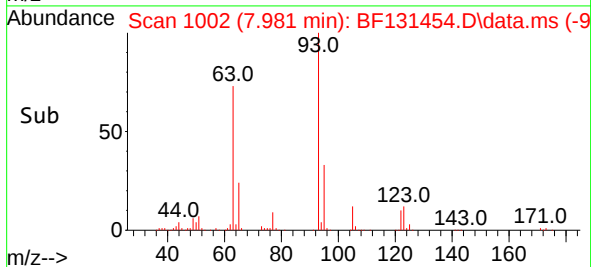
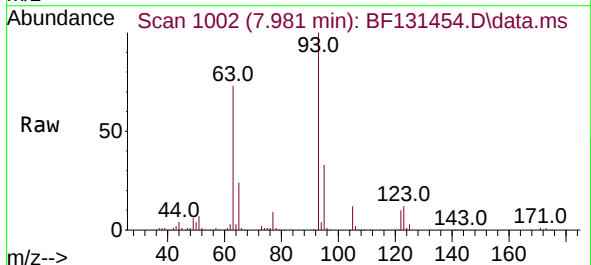
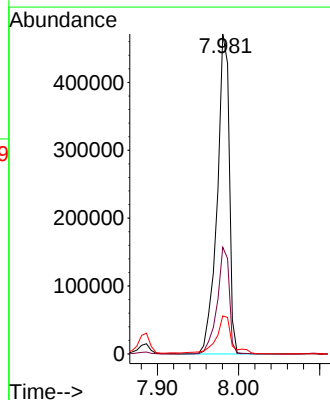
RT: 7.981 min Scan# 1002

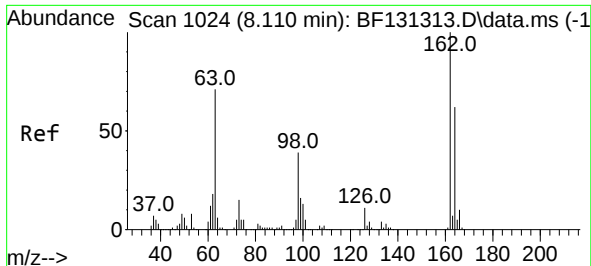
Delta R.T. -0.012 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Tgt Ion: 93 Resp: 488878
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.4 39.6
 123 11.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.702 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

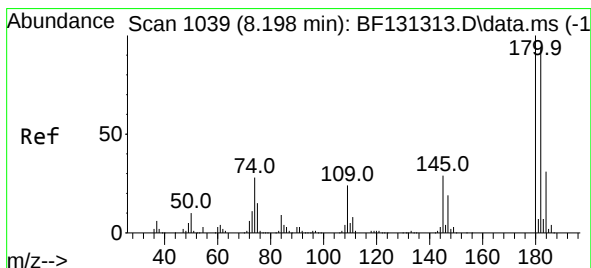
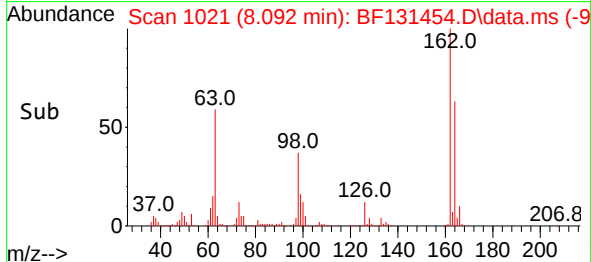
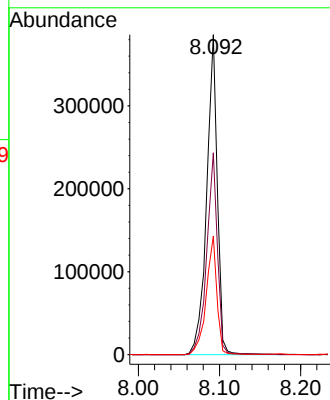
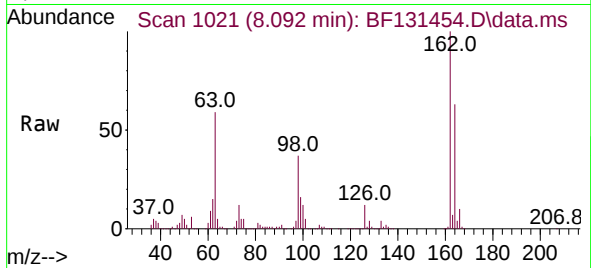
PB149316BSD

Tgt Ion:162 Resp: 354509
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.2 82.2
 98 37.0 18.8 58.8

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 40.299 ng

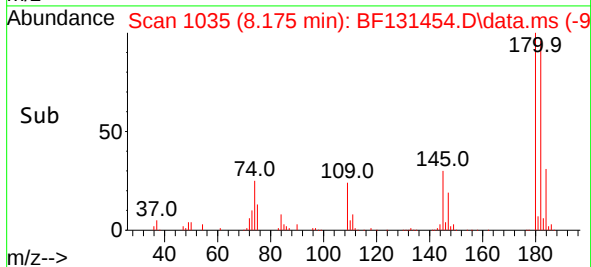
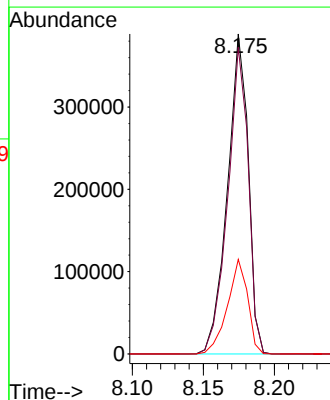
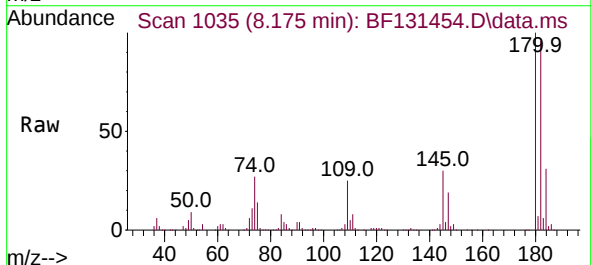
RT: 8.175 min Scan# 1035

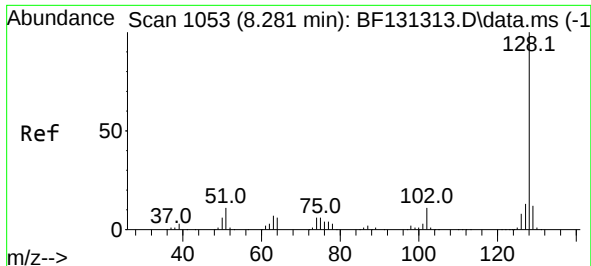
Delta R.T. -0.006 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

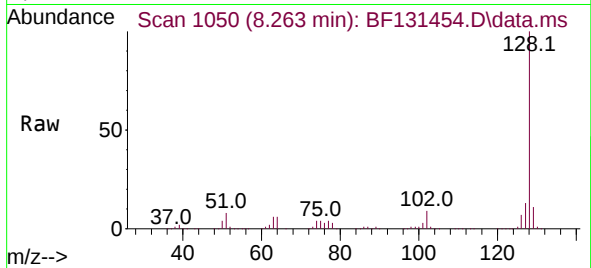
Tgt Ion:180 Resp: 395903
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.3 112.9
 145 29.6 23.4 35.0





#31
Naphthalene
Concen: 41.241 ng
RT: 8.263 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

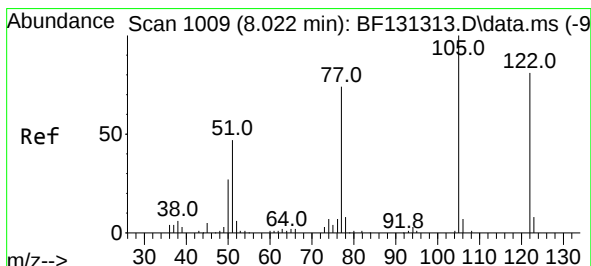
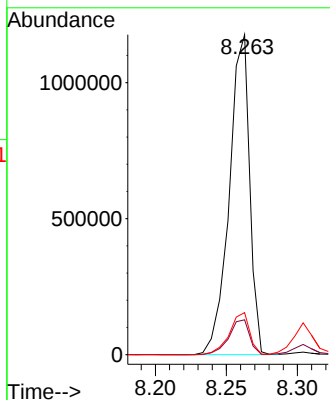
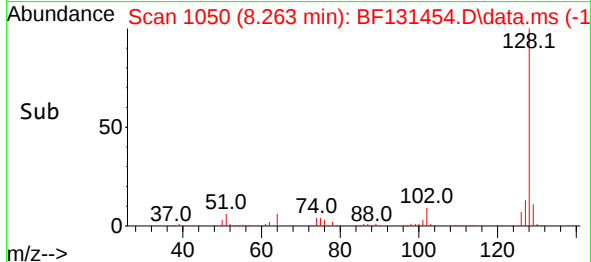
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion:128 Resp: 1171064
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.1 10.6 16.0

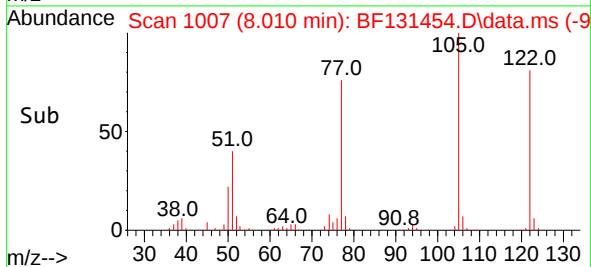
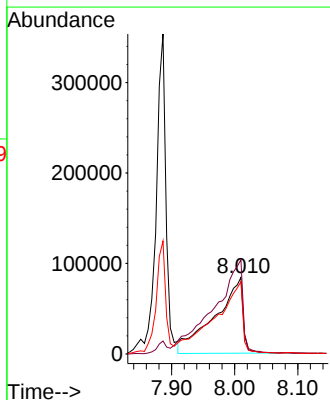
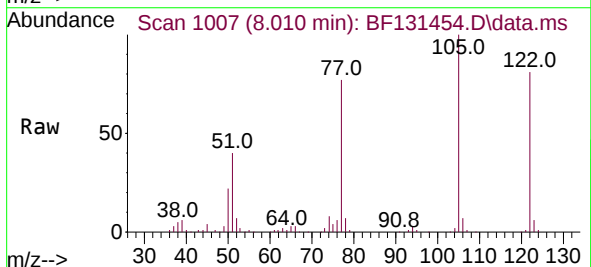
Manual Integrations
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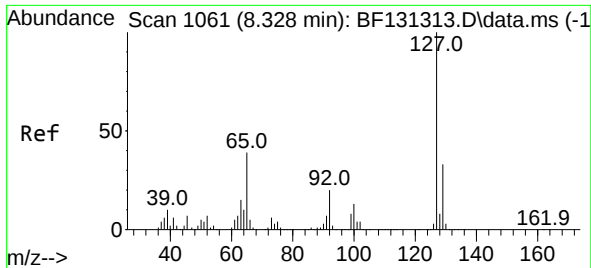
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#32
Benzoic acid
Concen: 54.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Tgt Ion:122 Resp: 258236
Ion Ratio Lower Upper
122 100
105 123.2 103.8 143.8
77 94.6 74.3 114.3





#33
4-Chloroaniline
Concen: 11.108 ng
RT: 8.304 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

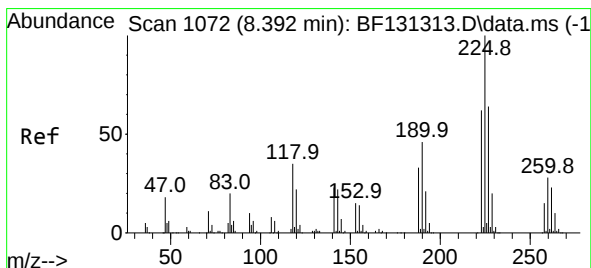
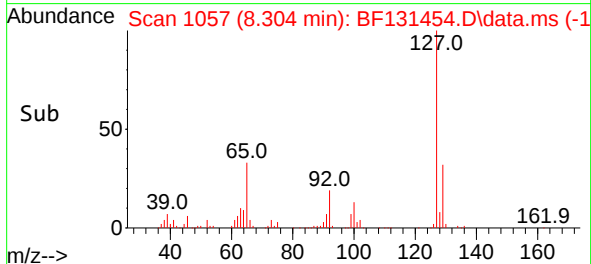
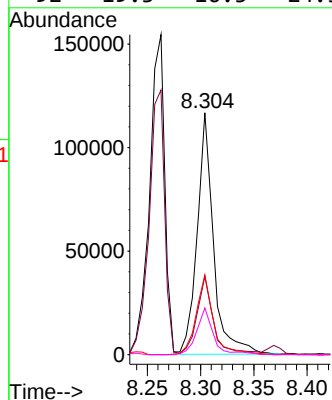
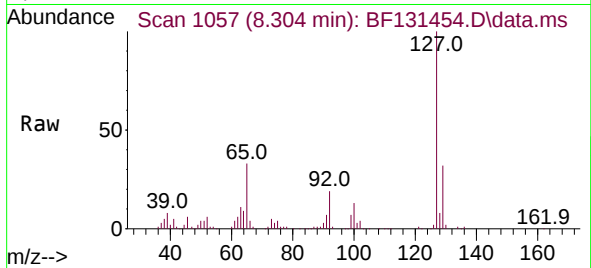
ClientSampleId :

PB149316BSD

Tgt Ion:127 Resp: 124431
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 33.0 31.0 46.6
92 19.3 16.3 24.5

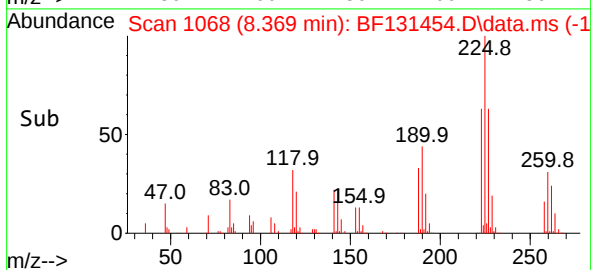
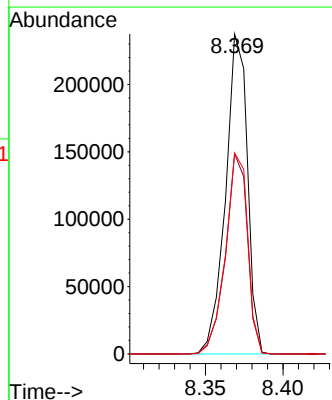
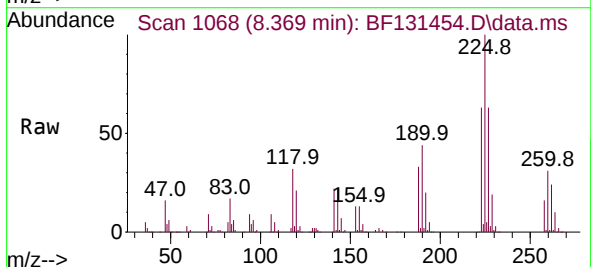
Manual Integrations
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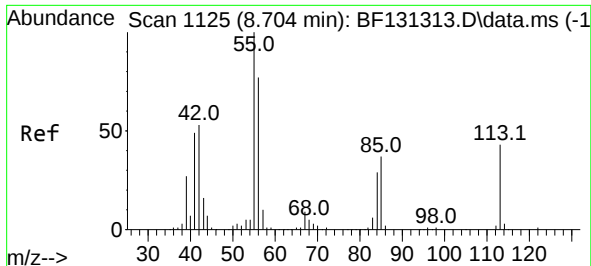
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#34
Hexachlorobutadiene
Concen: 36.659 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

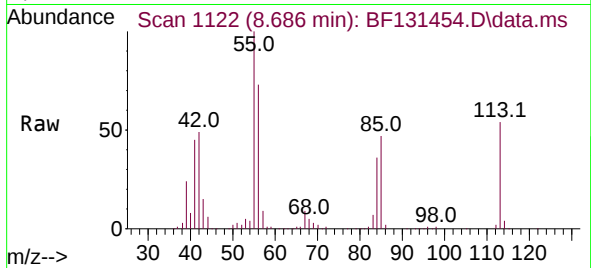
Tgt Ion:225 Resp: 233203
Ion Ratio Lower Upper
225 100
223 62.6 49.4 74.0
227 62.8 51.1 76.7





#35
Caprolactam
Concen: 58.535 ng m
RT: 8.686 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

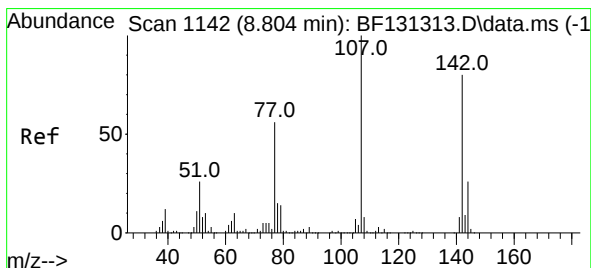
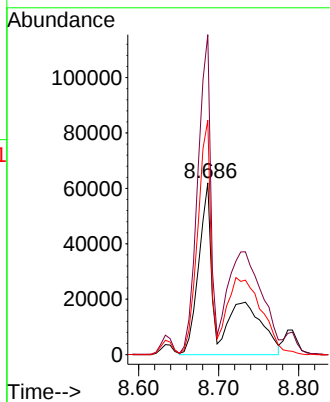
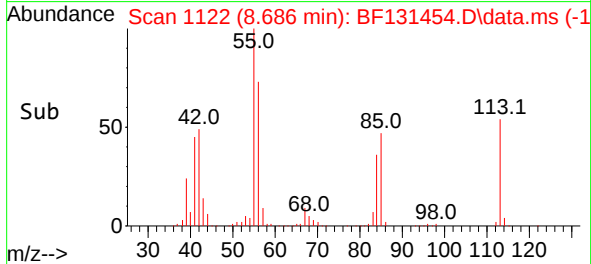
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion:113 Resp: 121984
Ion Ratio Lower Upper
113 100
55 186.3 214.5 254.5
56 136.4 159.4 199.4

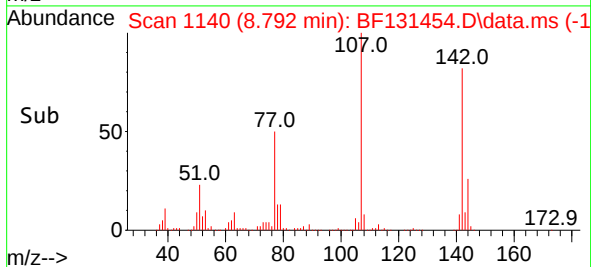
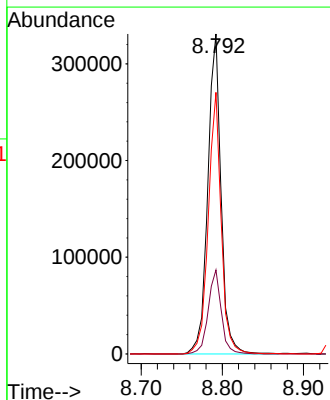
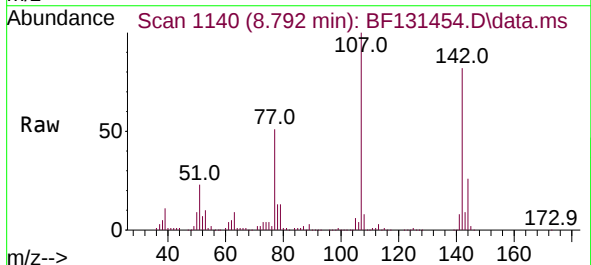
Manual Integrations
APPROVED

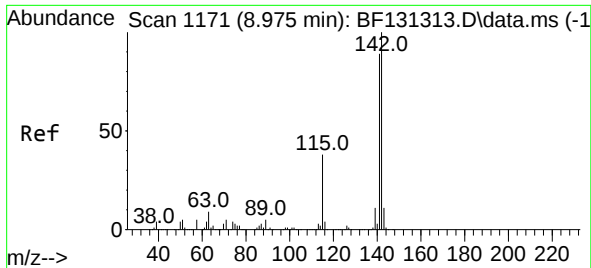
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#36
4-Chloro-3-methylphenol
Concen: 45.671 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

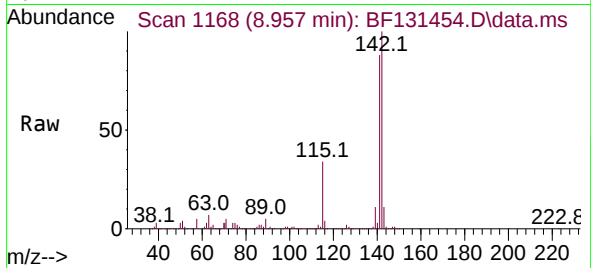
Tgt Ion:107 Resp: 376291
Ion Ratio Lower Upper
107 100
144 26.2 20.9 31.3
142 81.7 63.9 95.9





#37
2-Methylnaphthalene
Concen: 40.125 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

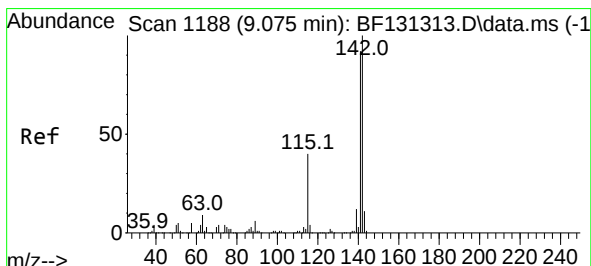
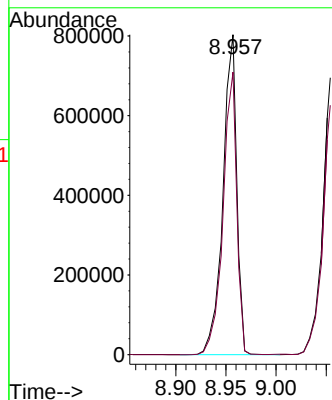
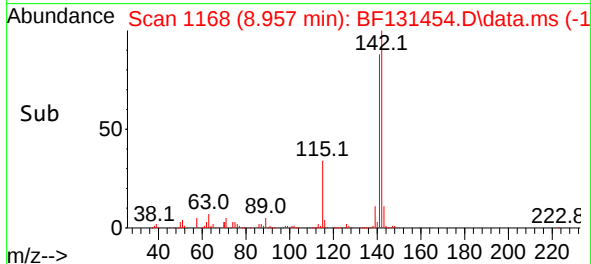
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



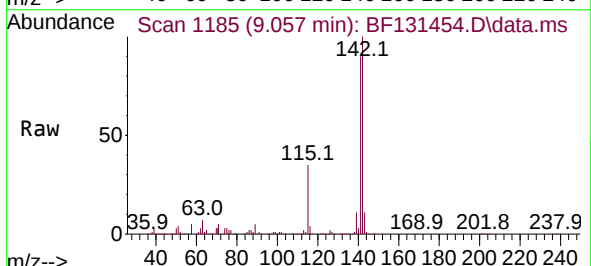
Tgt Ion:142 Resp: 771998
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4

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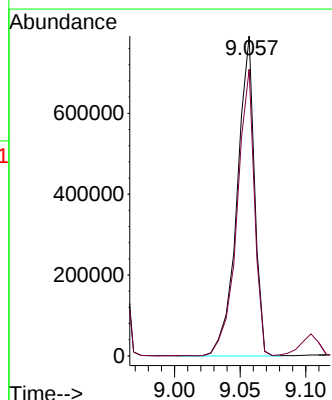
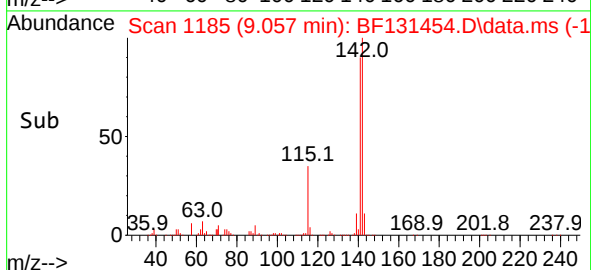
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

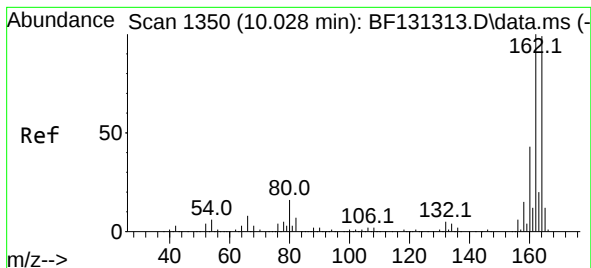


#38
1-Methylnaphthalene
Concen: 39.065 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion:142 Resp: 728831
Ion Ratio Lower Upper
142 100
141 89.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

PB149316BSD

Tgt Ion:164 Resp: 288748

Ion Ratio Lower Upper

164 100

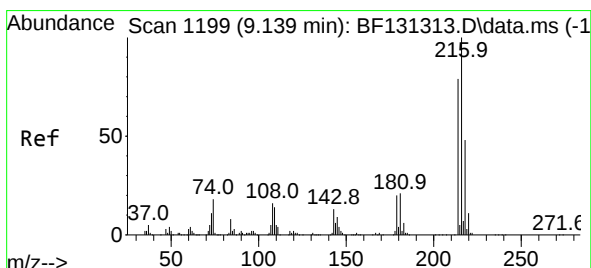
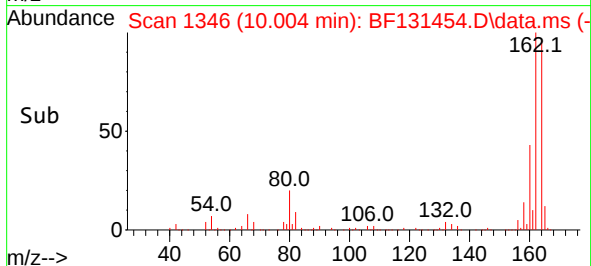
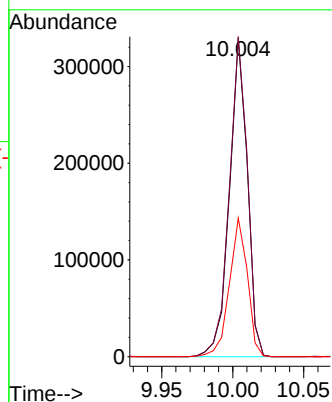
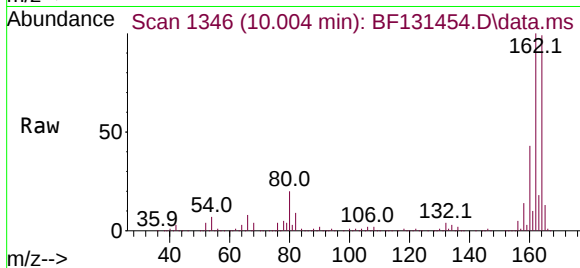
162 100.6 80.6 120.8

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: 40.673 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Tgt Ion:216 Resp: 381111

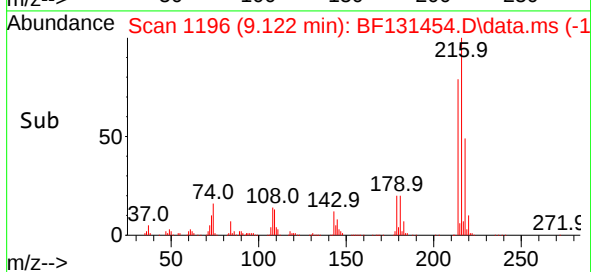
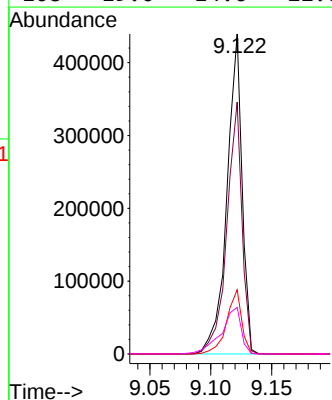
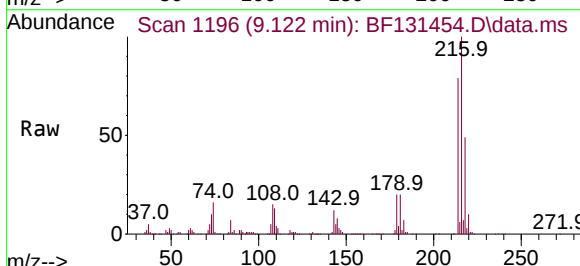
Ion Ratio Lower Upper

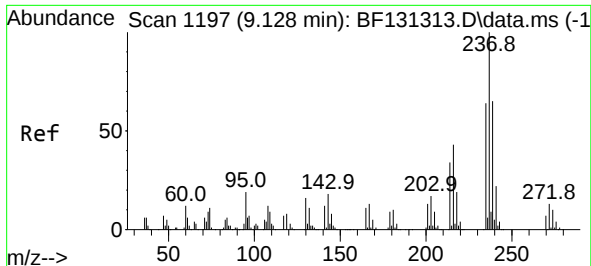
216 100

214 78.7 63.1 94.7

179 19.8 16.2 24.4

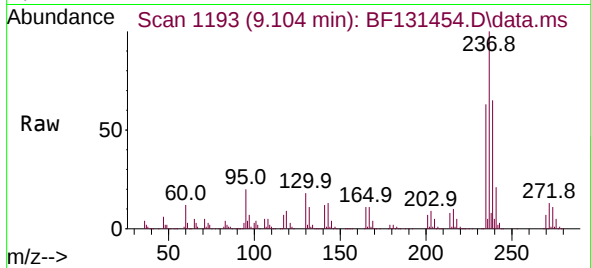
108 19.0 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 108.106 ng
RT: 9.104 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

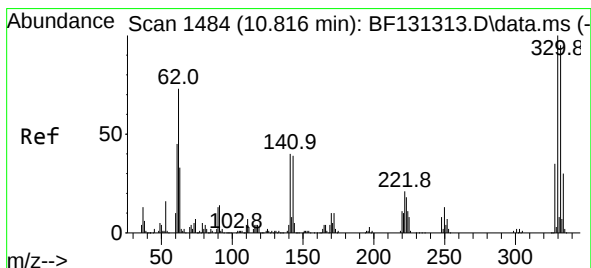
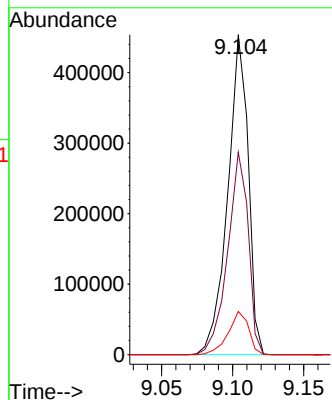
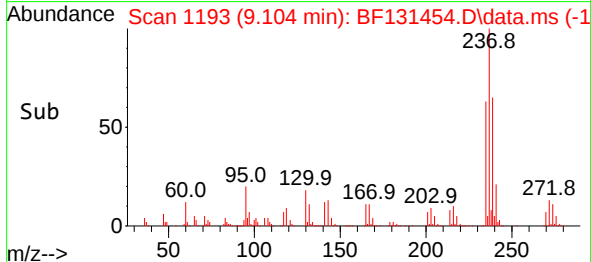
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



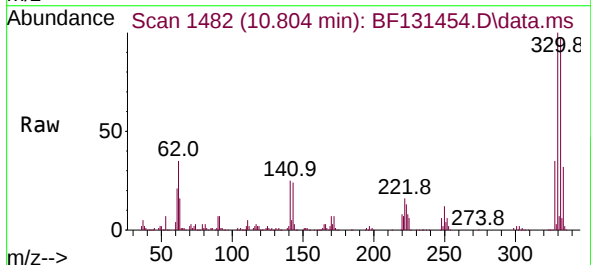
Tgt Ion:237 Resp: 455379
Ion Ratio Lower Upper
237 100
235 63.3 44.2 84.2
272 13.5 0.0 33.4

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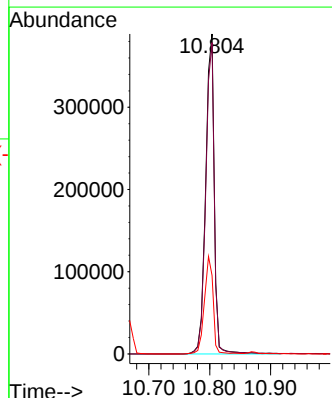
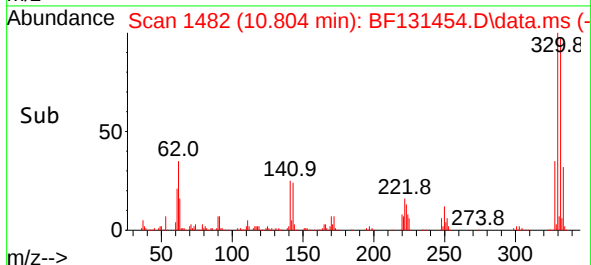
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

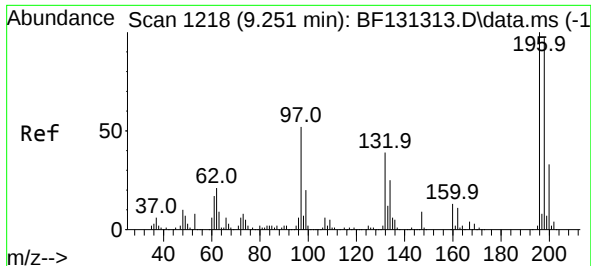


#42
2,4,6-Tribromophenol
Concen: 156.385 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion:330 Resp: 379900
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 30.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 49.513 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF131454.D

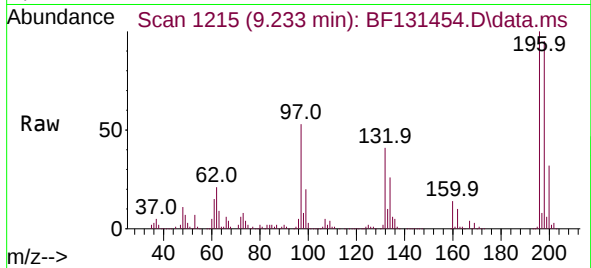
Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

PB149316BSD



Tgt Ion:196 Resp: 263190

Ion Ratio Lower Upper

196 100

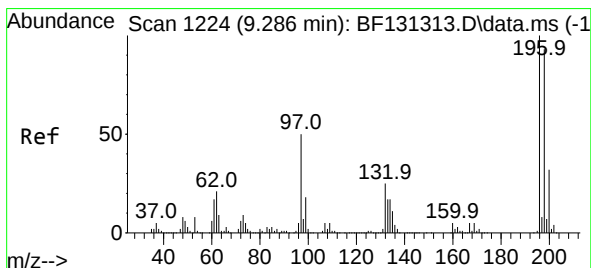
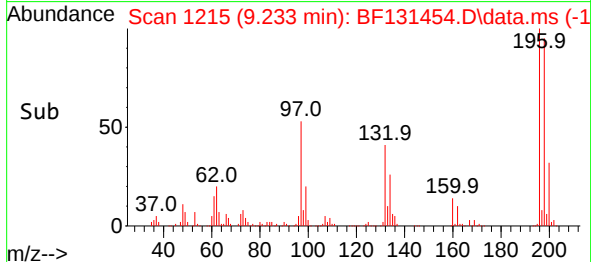
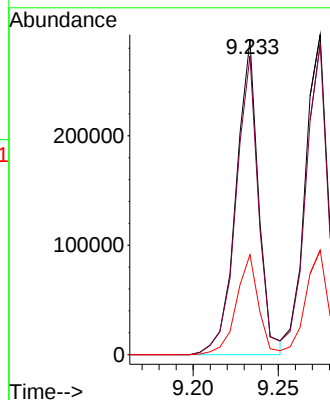
198 94.8 77.4 116.0

200 31.7 26.3 39.5

Manual Integrations

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 47.567 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Tgt Ion:196 Resp: 284324

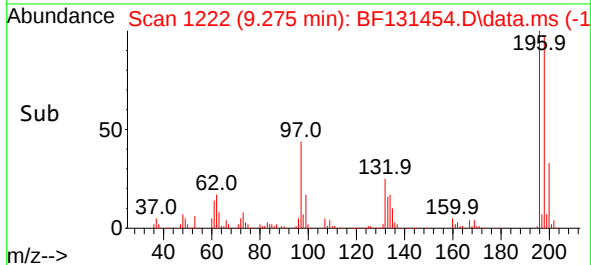
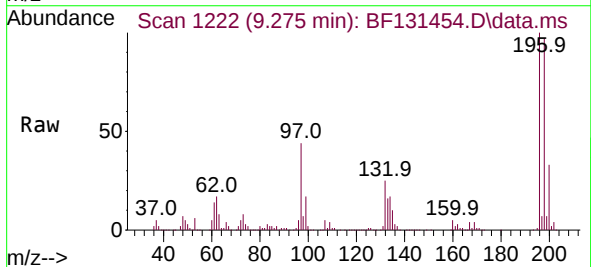
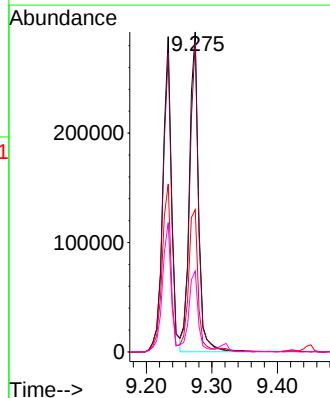
Ion Ratio Lower Upper

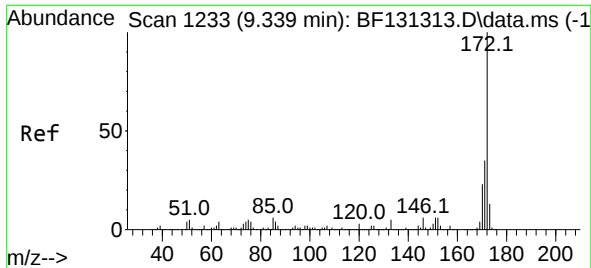
196 100

198 97.1 75.0 112.4

97 44.4 40.3 60.5

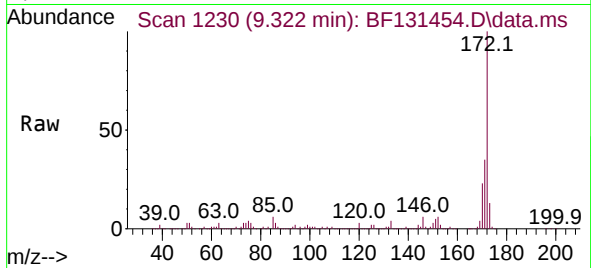
132 25.2 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 75.730 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

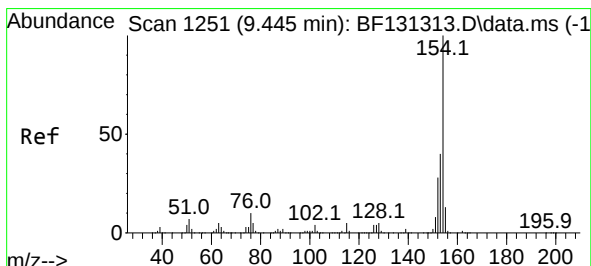
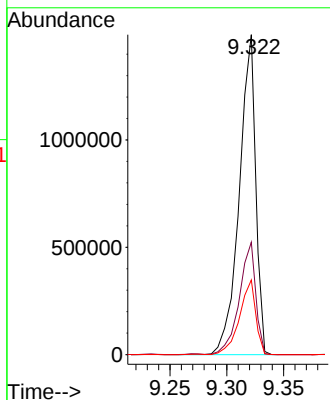
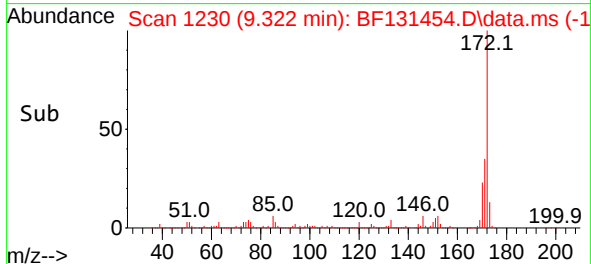
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



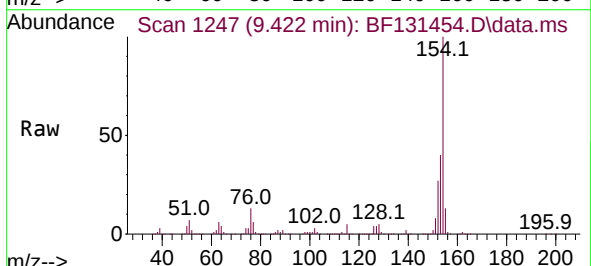
Tgt Ion:172 Resp: 1503065
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.3 18.7 28.1

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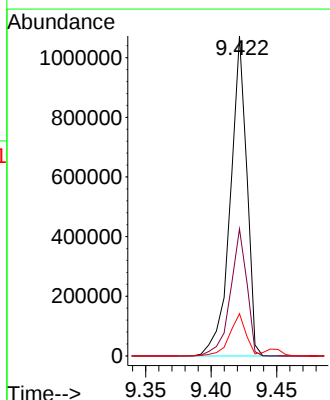
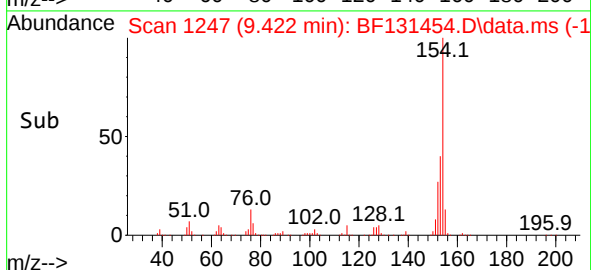
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

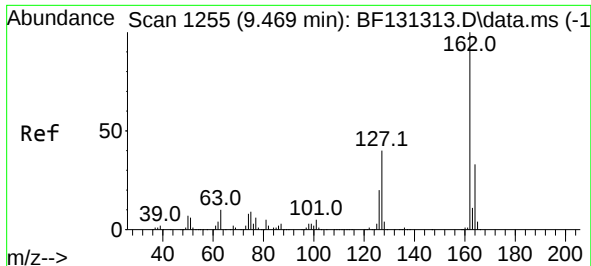


#46
1,1'-Biphenyl
Concen: 42.369 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



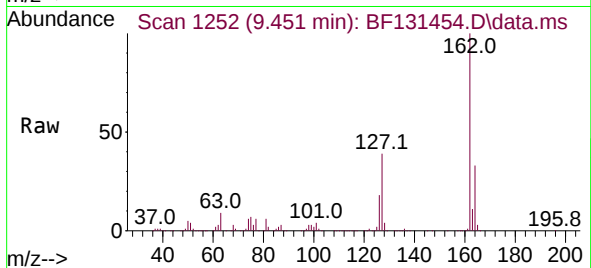
Tgt Ion:154 Resp: 933587
Ion Ratio Lower Upper
154 100
153 39.7 19.8 59.8
76 13.2 0.0 30.2





#47
2-Chloronaphthalene
Concen: 42.352 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

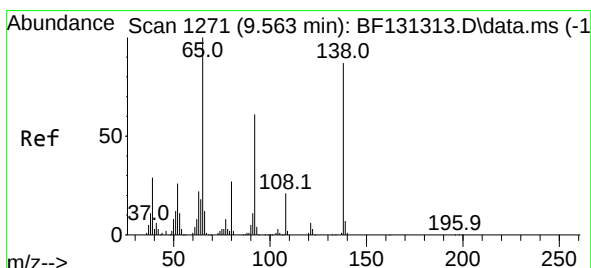
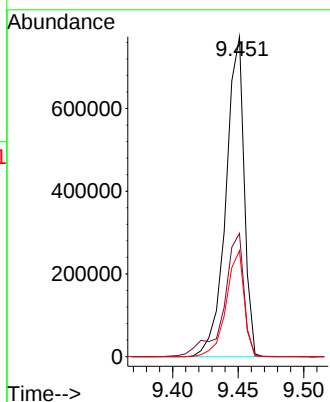
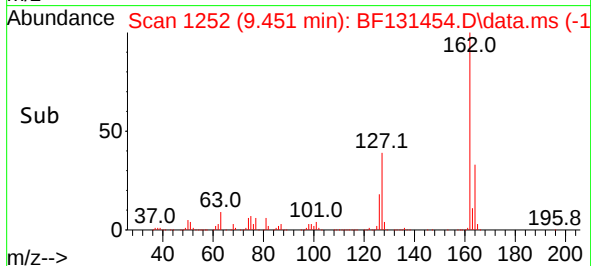
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion:162 Resp: 748626
Ion Ratio Lower Upper
162 100
127 38.5 32.1 48.1
164 33.1 26.6 39.8

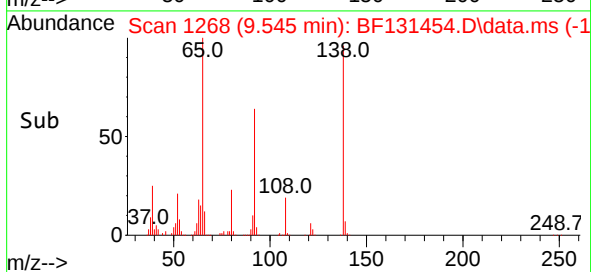
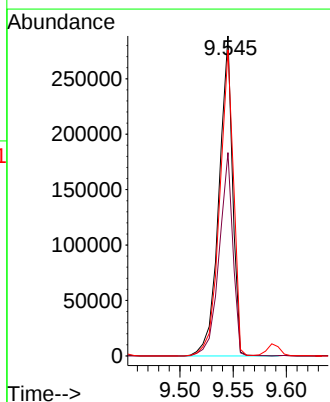
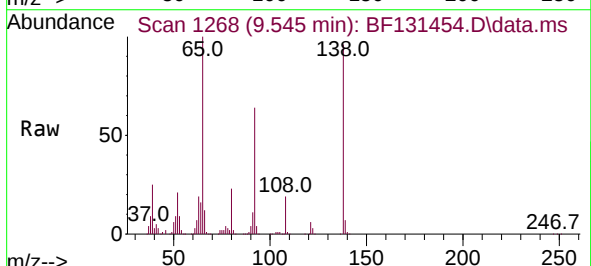
Manual Integrations
APPROVED

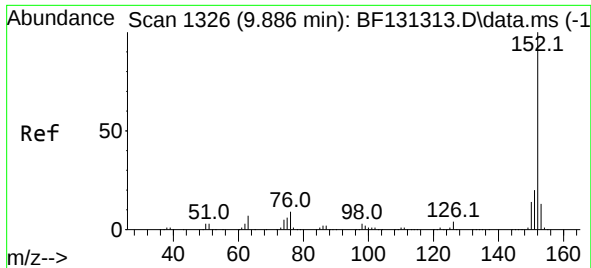
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#48
2-Nitroaniline
Concen: 47.876 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

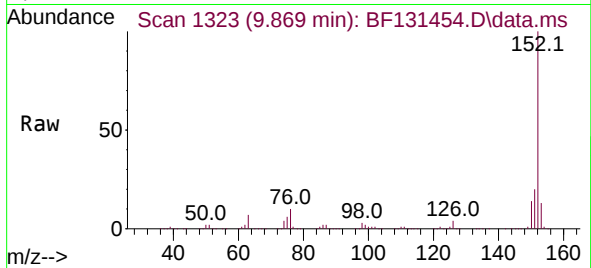
Tgt Ion: 65 Resp: 256952
Ion Ratio Lower Upper
65 100
92 63.5 49.0 73.4
138 95.6 69.4 104.2





#49
Acenaphthylene
Concen: 42.643 ng
RT: 9.869 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

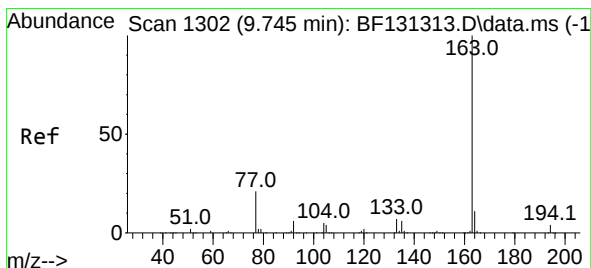
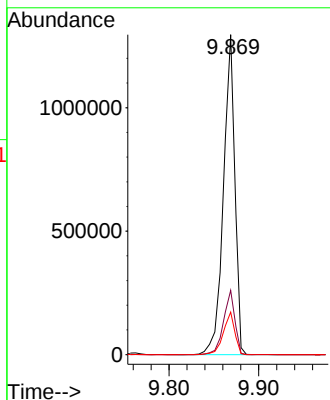
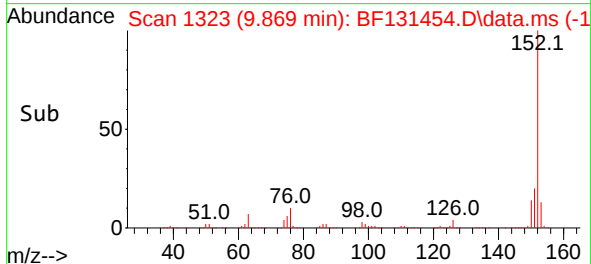
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



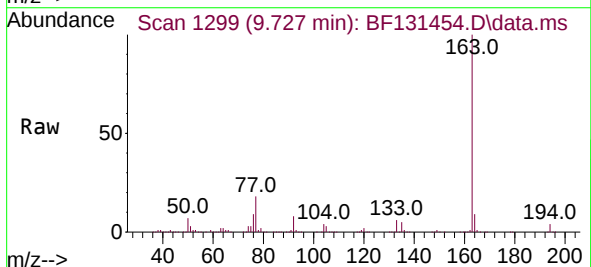
Tgt Ion:152 Resp: 1149043
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.3 10.6 15.8

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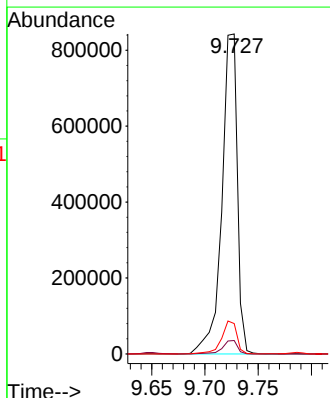
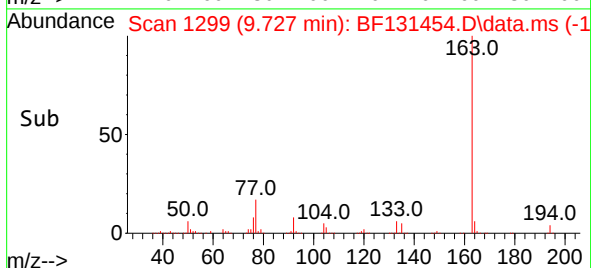
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

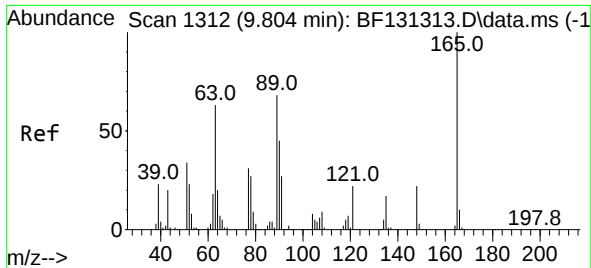


#50
Dimethylphthalate
Concen: 42.467 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



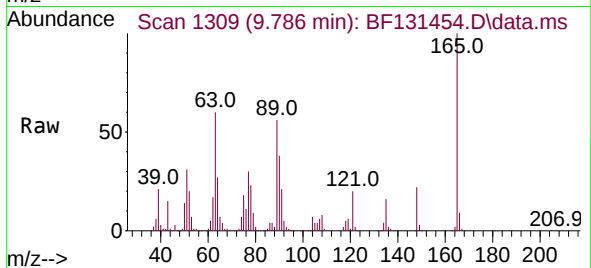
Tgt Ion:163 Resp: 854364
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.5 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 50.019 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

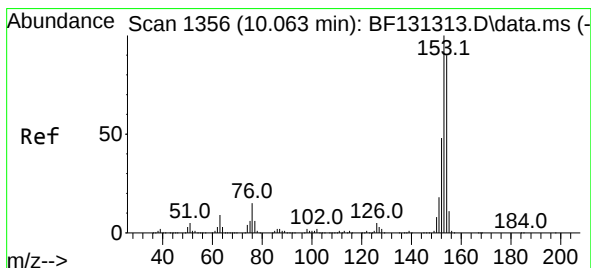
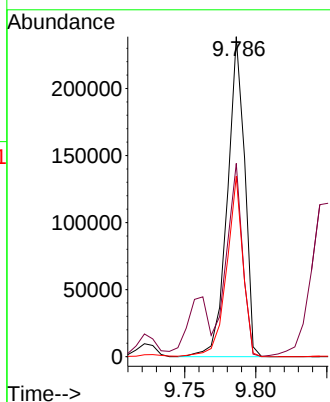
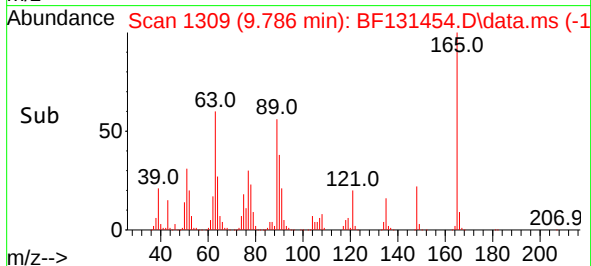
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



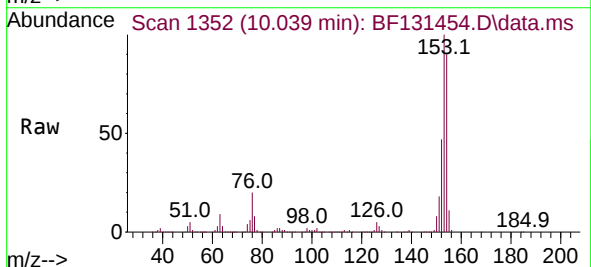
Tgt Ion:165 Resp: 201243
Ion Ratio Lower Upper
165 100
63 60.4 62.0 93.0
89 56.4 54.4 81.6

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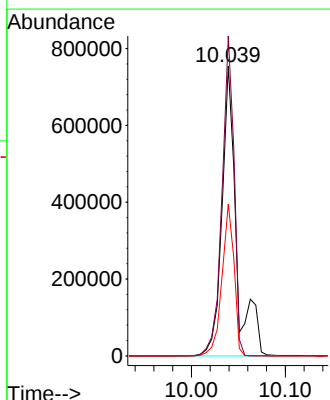
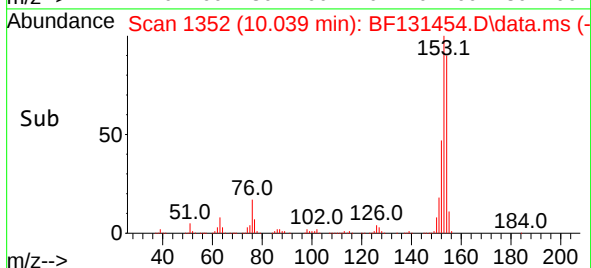
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

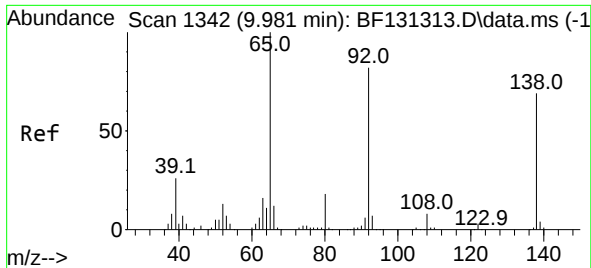


#52
Acenaphthene
Concen: 48.205 ng m
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



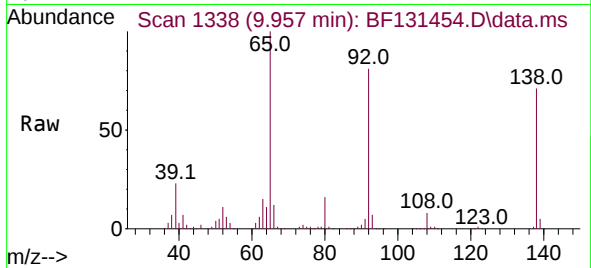
Tgt Ion:154 Resp: 813353
Ion Ratio Lower Upper
154 100
153 110.5 88.4 132.6
152 52.5 42.8 64.2





#53
3-Nitroaniline
Concen: 26.813 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

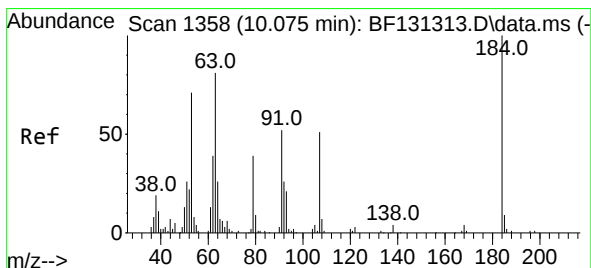
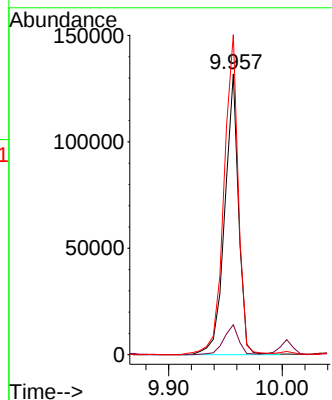
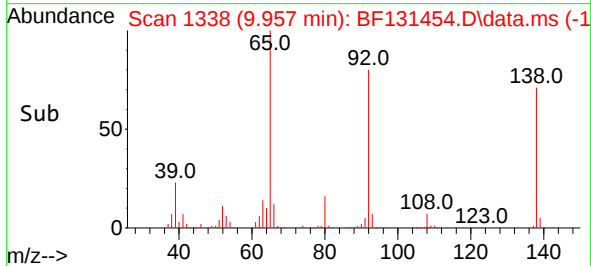
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion:138 Resp: 110849
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 114.0 95.3 142.9

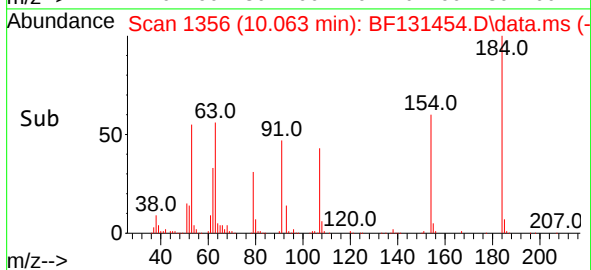
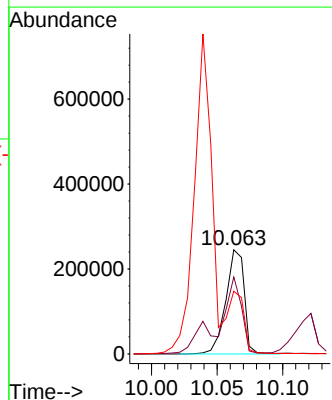
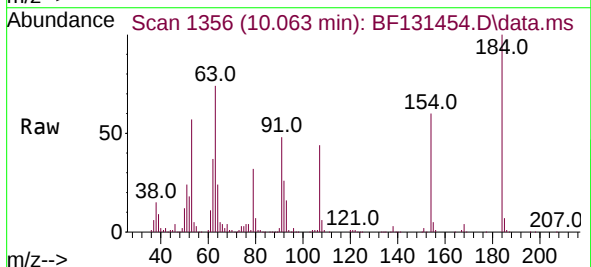
Manual Integrations
APPROVED

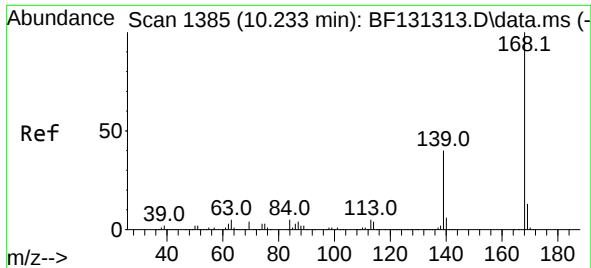
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#54
2,4-Dinitrophenol
Concen: 111.258 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

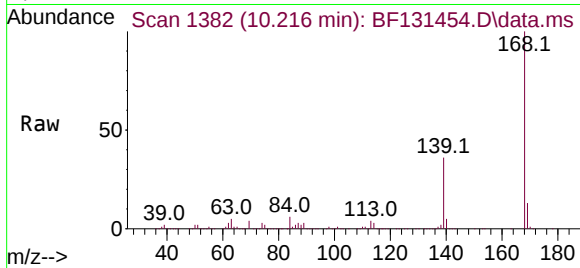
Tgt Ion:184 Resp: 240005
Ion Ratio Lower Upper
184 100
63 73.8 72.1 108.1
154 60.3 56.3 84.5





#55
Dibenzofuran
Concen: 41.556 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

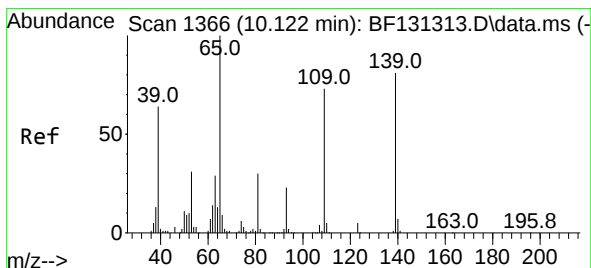
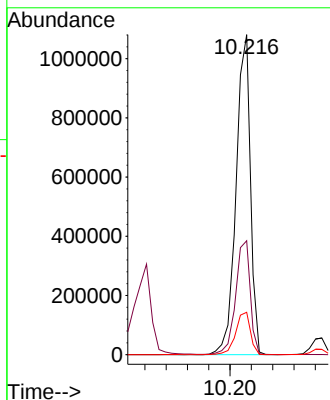
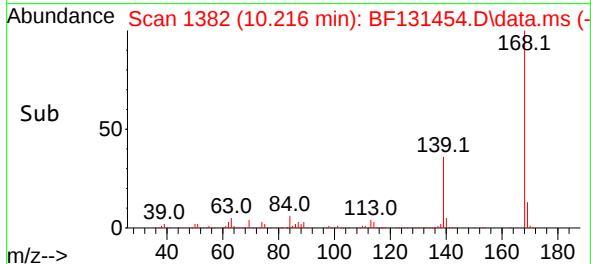
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



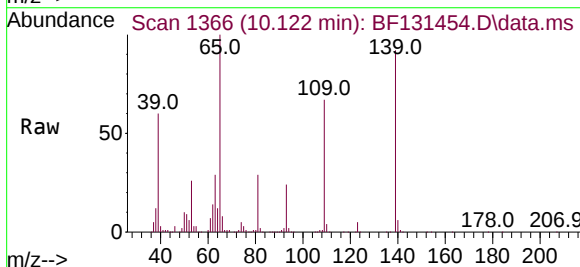
Tgt Ion:168 Resp: 1008768
Ion Ratio Lower Upper
168 100
139 35.6 31.7 47.5
169 13.2 10.6 15.8

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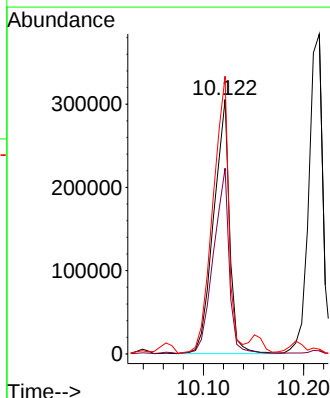
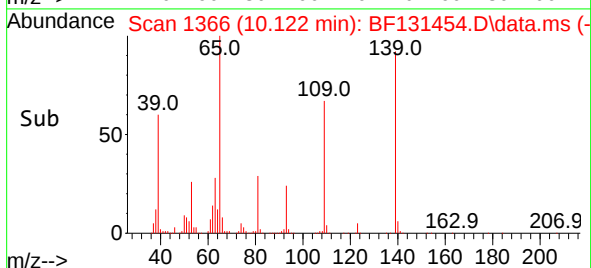
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

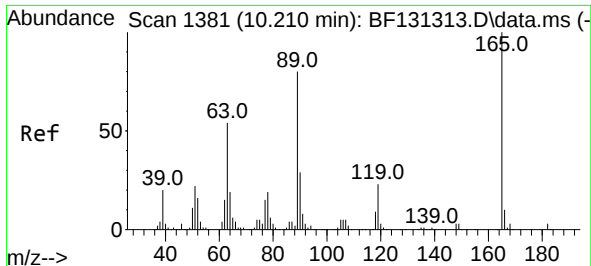


#56
4-Nitrophenol
Concen: 117.693 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



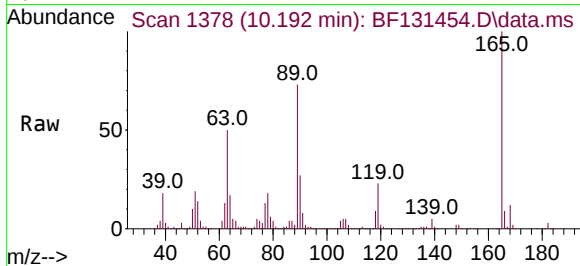
Tgt Ion:139 Resp: 337687
Ion Ratio Lower Upper
139 100
109 73.0 69.6 109.6
65 109.1 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 54.189 ng
RT: 10.192 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

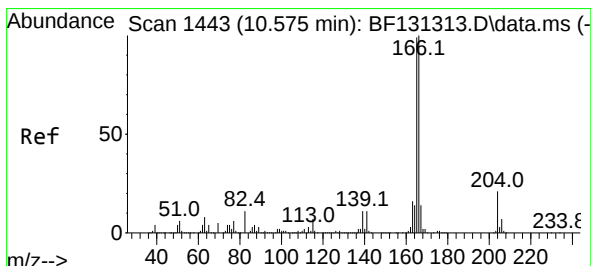
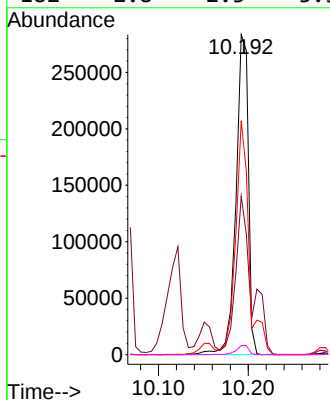
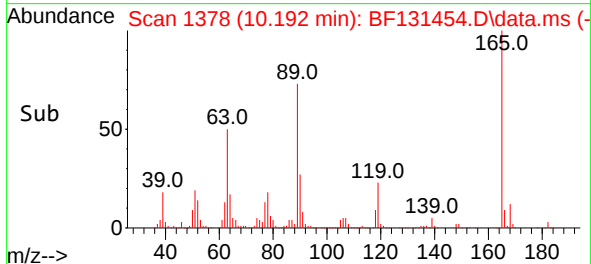
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



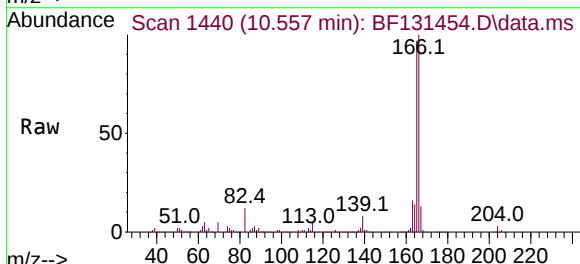
Tgt Ion:165 Resp: 274315
Ion Ratio Lower Upper
165 100
63 49.5 43.4 65.2
89 73.1 64.0 96.0
182 2.8 2.3 3.5

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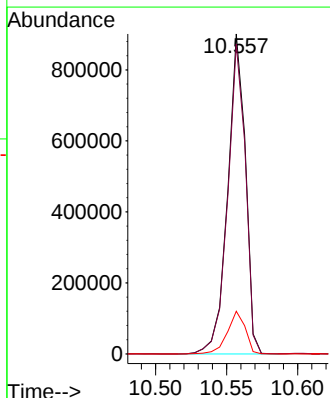
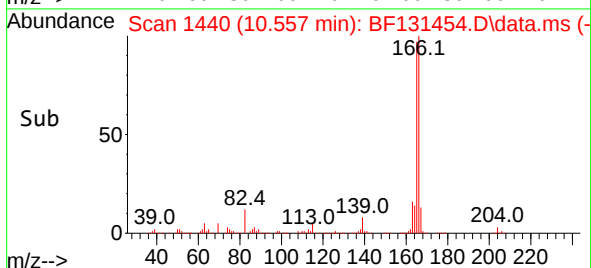
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

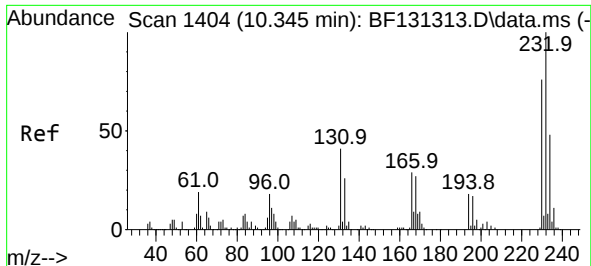


#58
Fluorene
Concen: 41.439 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



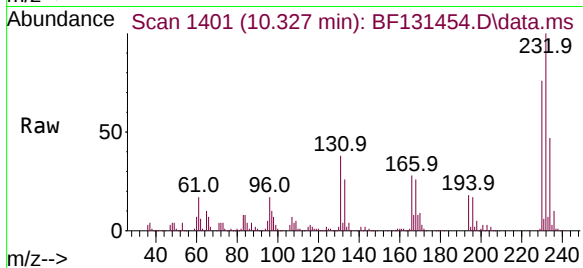
Tgt Ion:166 Resp: 785068
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.4
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.584 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

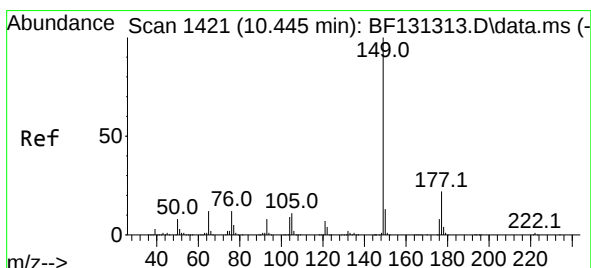
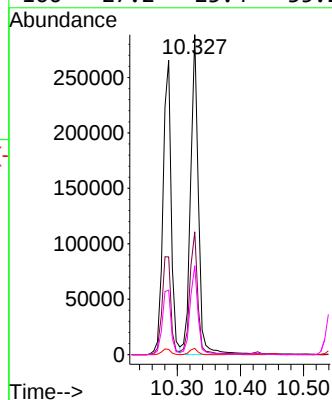
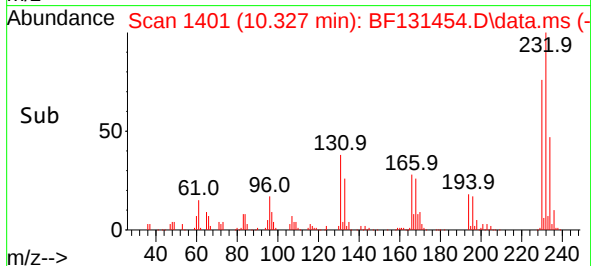
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



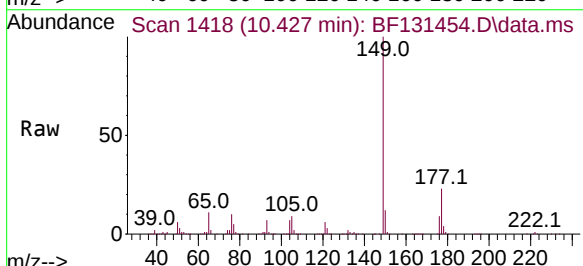
Tgt Ion:232 Resp: 246824
Ion Ratio Lower Upper
232 100
131 38.9 35.2 52.8
130 1.9 1.8 2.8
166 27.2 23.4 35.2

Manual Integrations
APPROVED

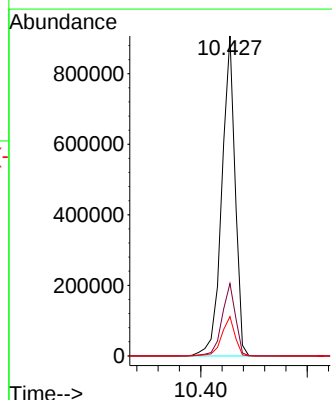
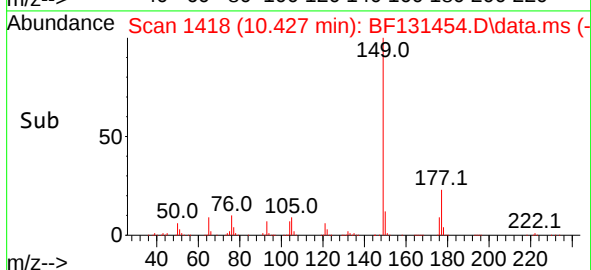
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

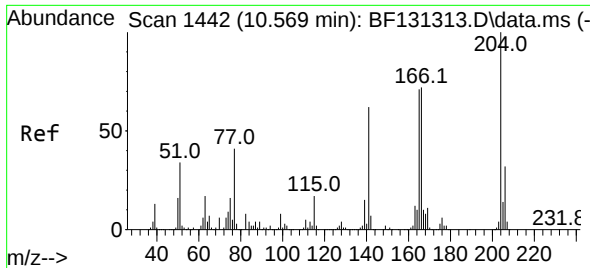


#60
Diethylphthalate
Concen: 41.468 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



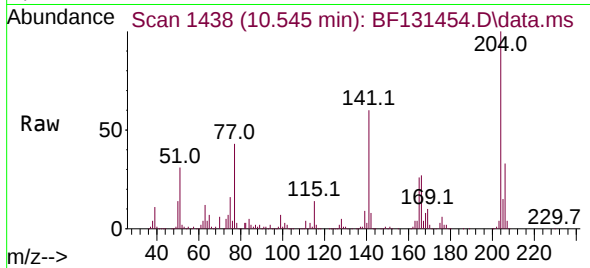
Tgt Ion:149 Resp: 787743
Ion Ratio Lower Upper
149 100
177 22.6 17.6 26.4
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.733 ng
RT: 10.545 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

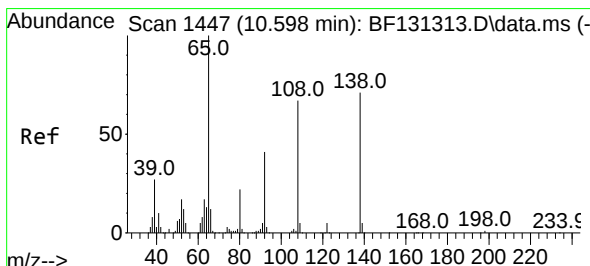
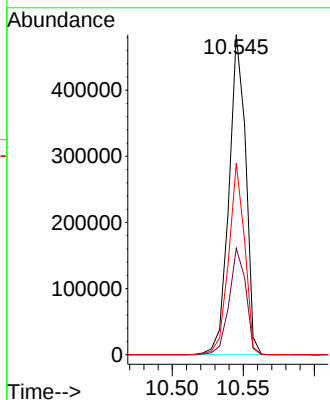
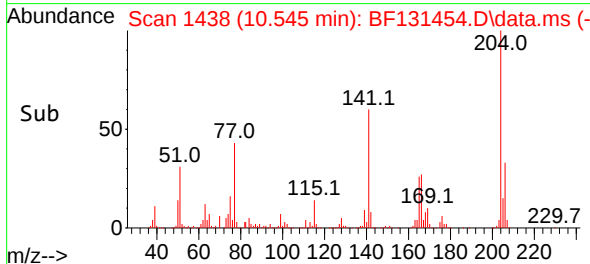
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



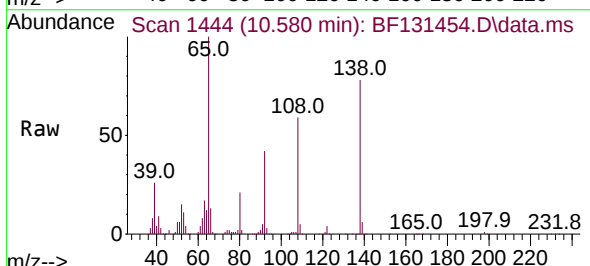
Tgt Ion:204 Resp: 395591
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 59.9 49.2 73.8

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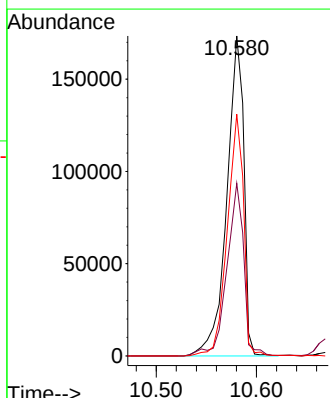
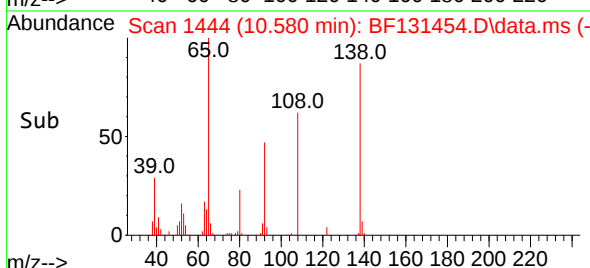
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

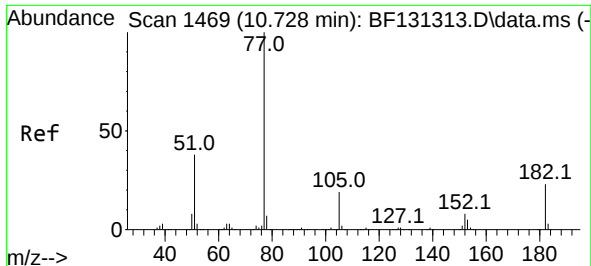


#62
4-Nitroaniline
Concen: 49.628 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion:138 Resp: 204194
Ion Ratio Lower Upper
138 100
92 53.9 37.0 77.0
108 75.5 74.0 114.0





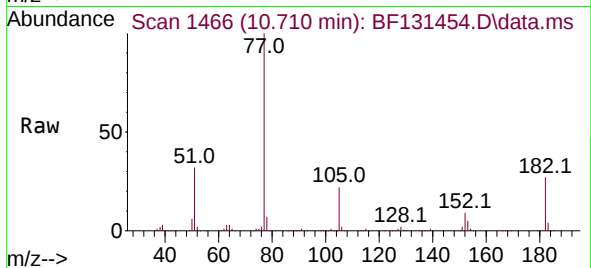
#63
Azobenzene
Concen: 39.757 ng
RT: 10.710 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

PB149316BSD

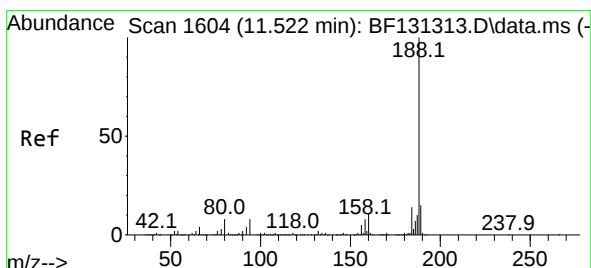
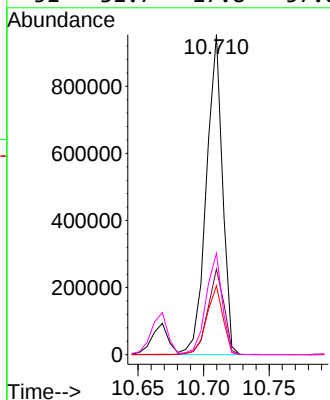
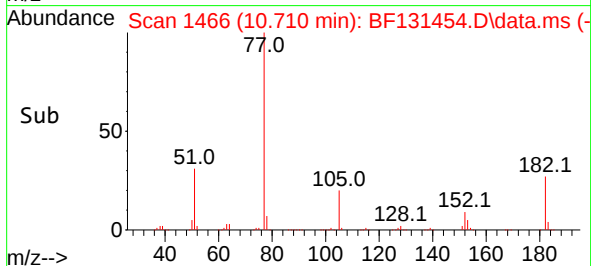


Tgt Ion: 77 Resp: 812050
Ion Ratio Lower Upper
77 100
182 26.7 3.1 43.1
105 21.5 0.0 39.2
51 31.7 17.8 57.8

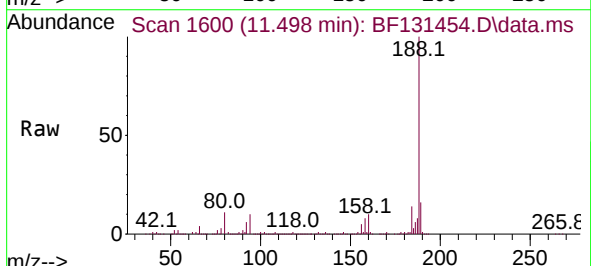
Manual Integrations

APPROVED

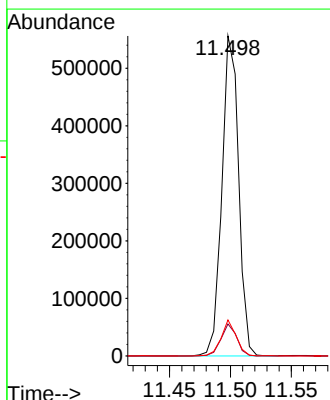
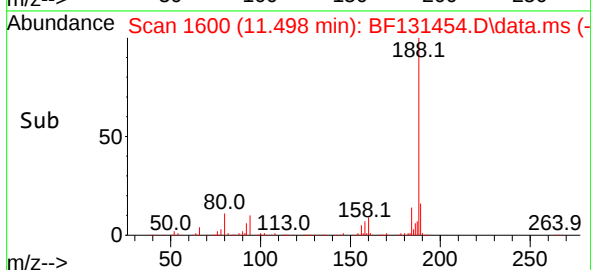
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

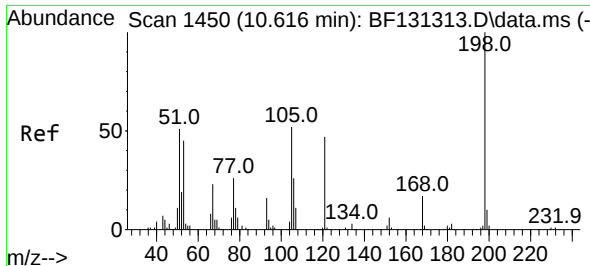


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion:188 Resp: 531311
Ion Ratio Lower Upper
188 100
94 10.0 6.3 9.5#
80 11.2 6.8 10.2#





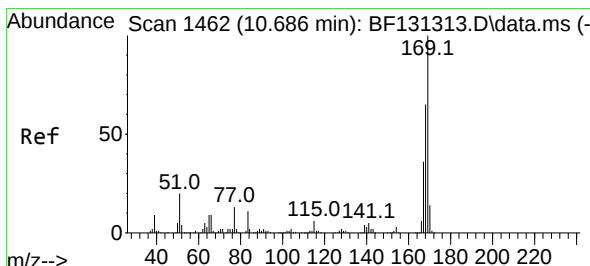
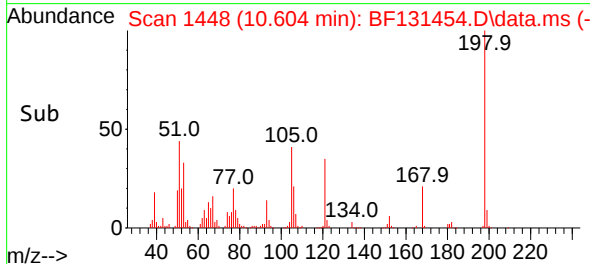
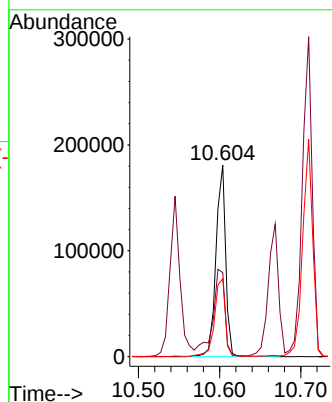
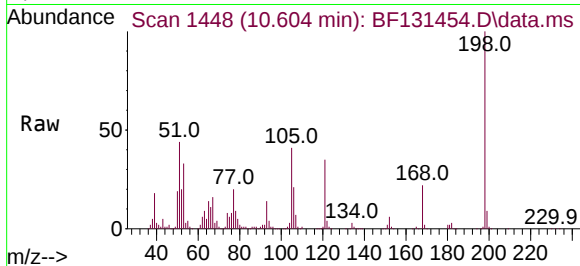
#65
4,6-Dinitro-2-methylphenol
Concen: 60.797 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :
BNA_F
ClientSampleId :
PB149316BSD

Tgt Ion:198 Resp: 150046
Ion Ratio Lower Upper
198 100
51 43.8 50.1 90.1
105 40.6 32.5 72.5

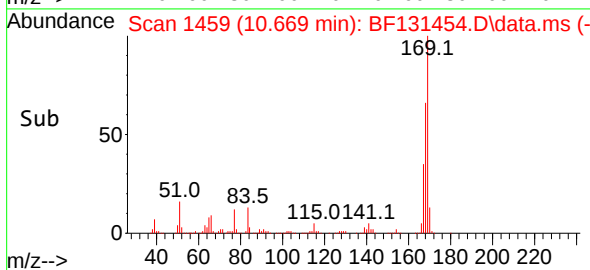
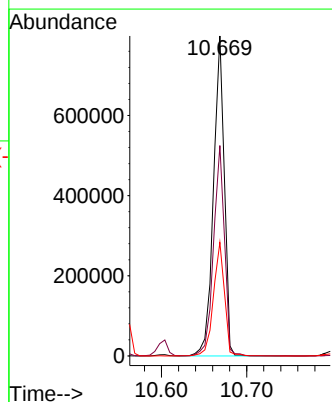
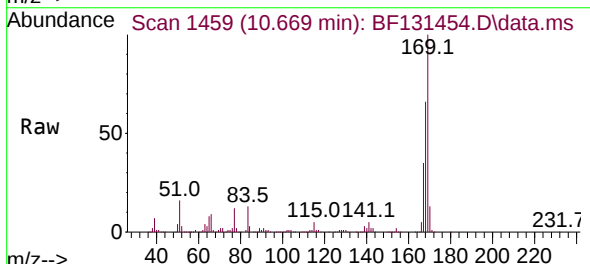
Manual Integrations
APPROVED

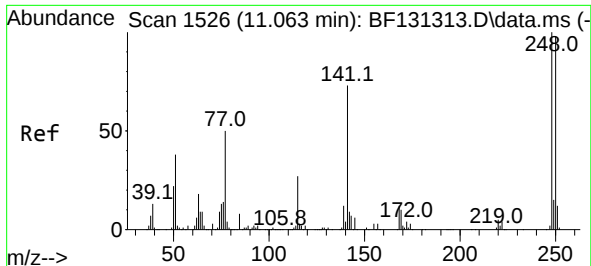
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#66
n-Nitrosodiphenylamine
Concen: 41.615 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

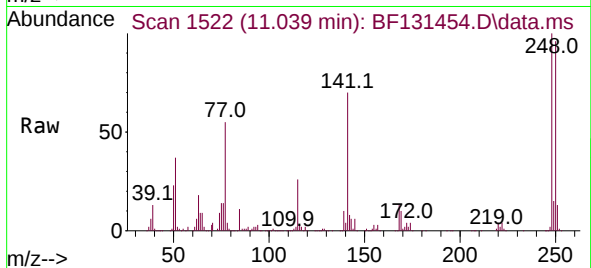
Tgt Ion:169 Resp: 704545
Ion Ratio Lower Upper
169 100
168 65.7 52.4 78.6
167 35.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 40.188 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

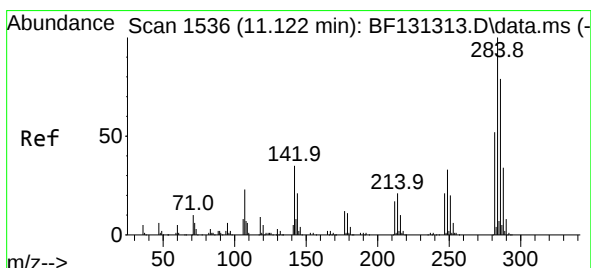
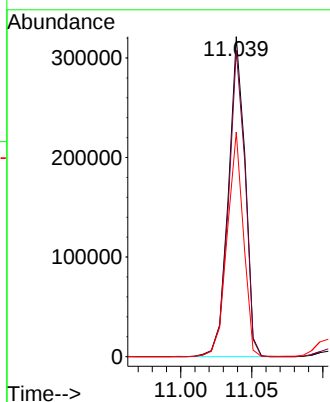
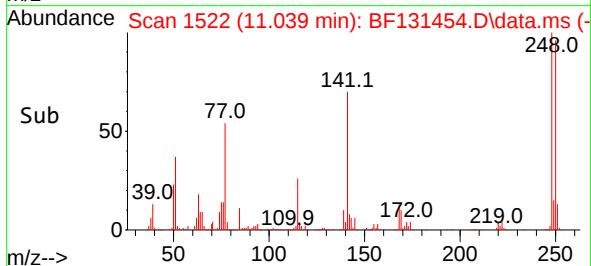
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



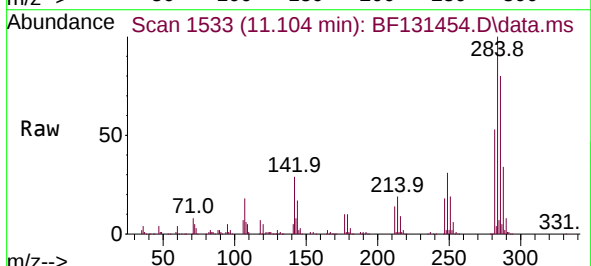
Tgt Ion:248 Resp: 261699
Ion Ratio Lower Upper
248 100
250 95.7 78.3 117.5
141 70.2 58.0 87.0

Manual Integrations
APPROVED

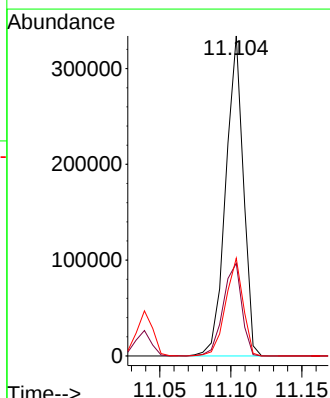
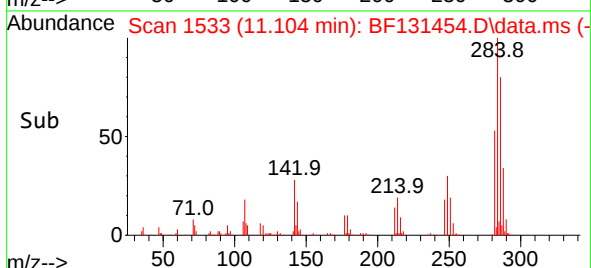
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

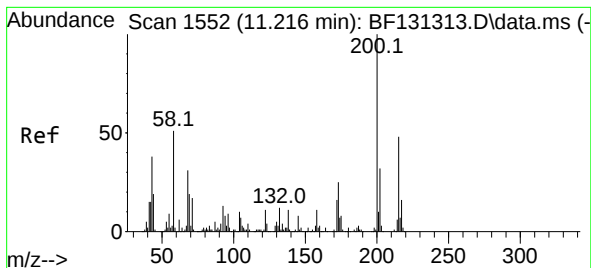


#68
Hexachlorobenzene
Concen: 41.450 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion:284 Resp: 286477
Ion Ratio Lower Upper
284 100
142 29.0 28.4 42.6
249 30.5 26.5 39.7





#69

Atrazine

Concen: 48.384 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

PB149316BSD

Tgt Ion:200 Resp: 25220

Ion Ratio Lower Upper

200 100

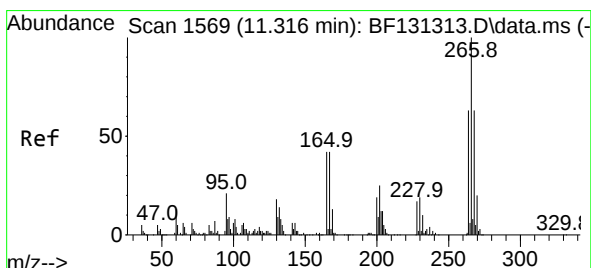
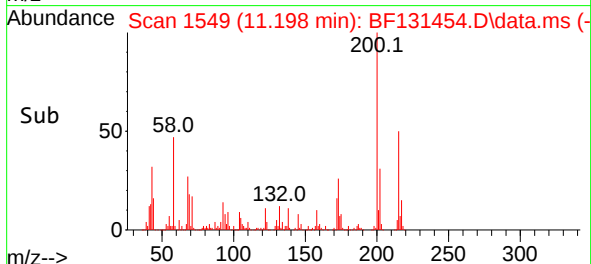
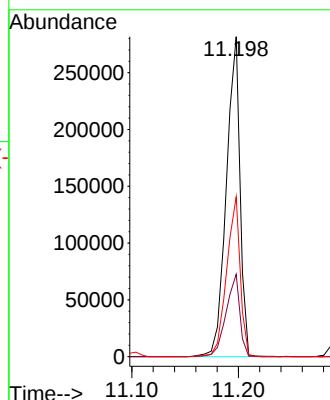
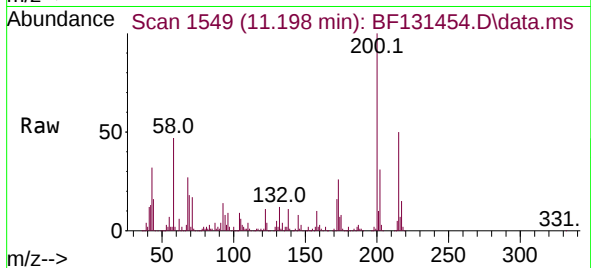
173 25.7 5.2 45.2

215 49.9 28.3 68.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 82.188 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

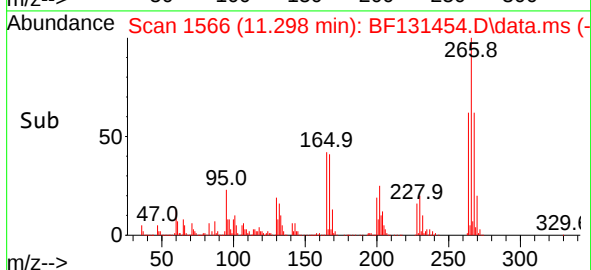
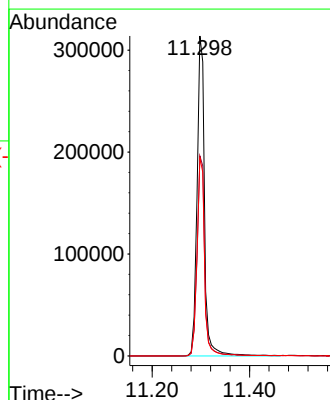
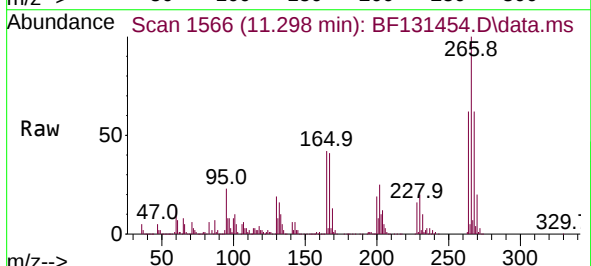
Tgt Ion:266 Resp: 330631

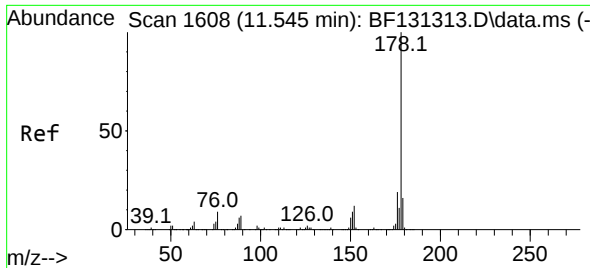
Ion Ratio Lower Upper

266 100

268 62.5 50.6 75.8

264 61.9 50.4 75.6





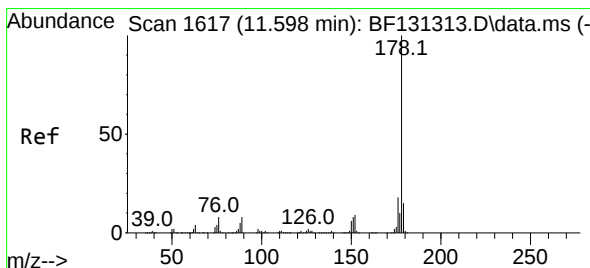
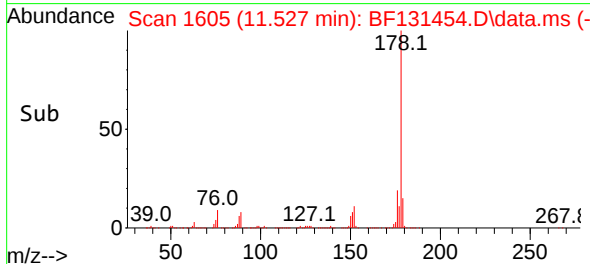
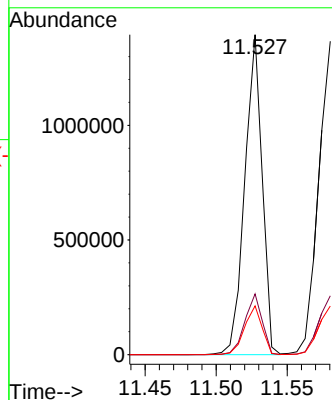
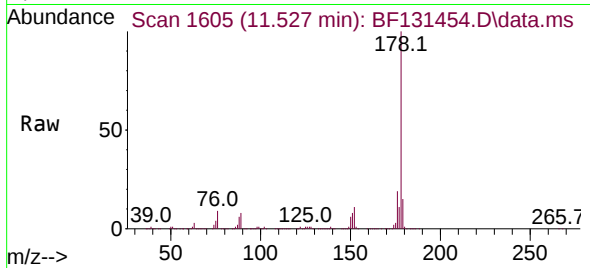
#71
Phenanthrene
Concen: 41.211 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :
BNA_F
ClientSampleId :
PB149316BSD

Tgt Ion:178 Resp: 1183325
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.2 12.4 18.6

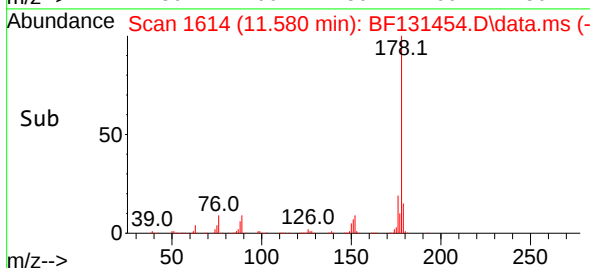
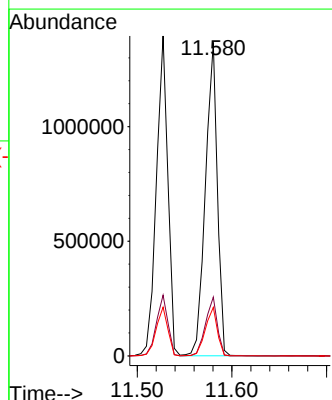
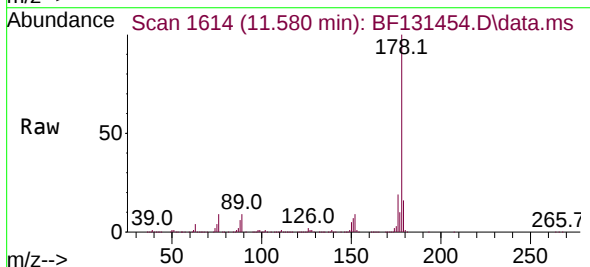
Manual Integrations
APPROVED

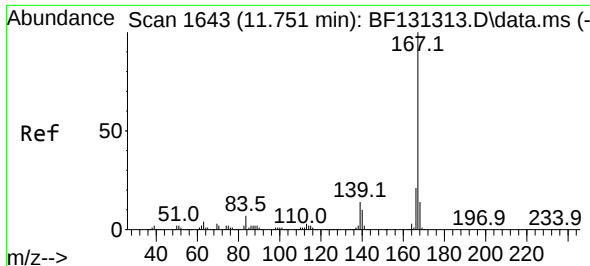
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#72
Anthracene
Concen: 42.581 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

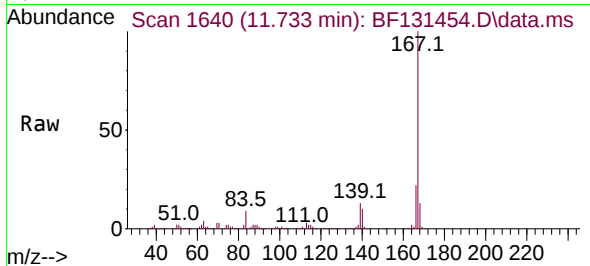
Tgt Ion:178 Resp: 1201586
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 46.328 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BF131454.D
 Acq: 29 Nov 2022 11:47

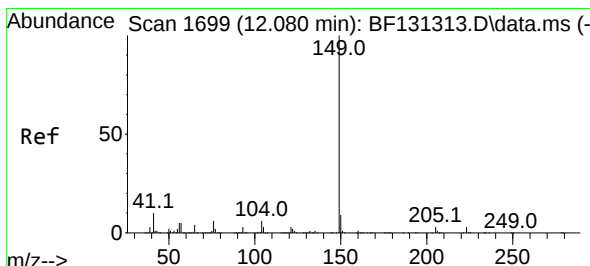
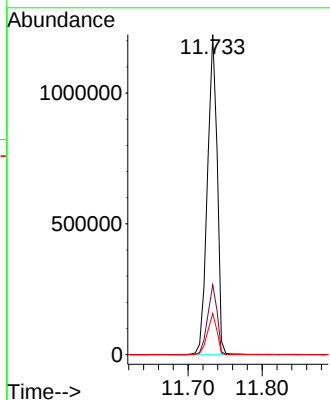
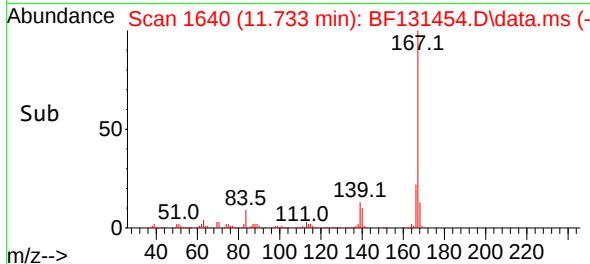
Instrument :
 BNA_F
 ClientSampleId :
 PB149316BSD



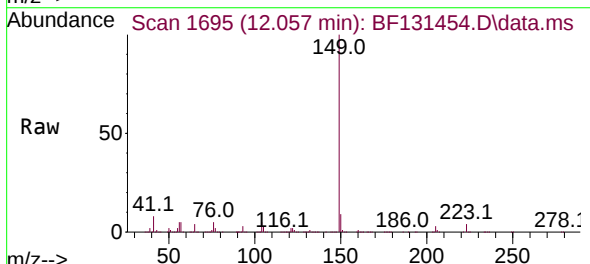
Tgt Ion:167 Resp: 1115162
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 12.9 10.8 16.2

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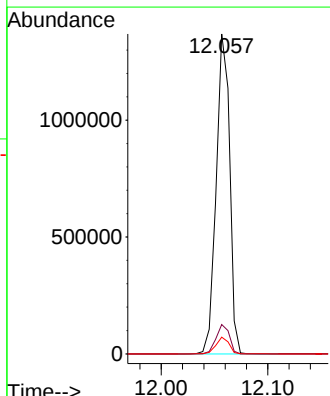
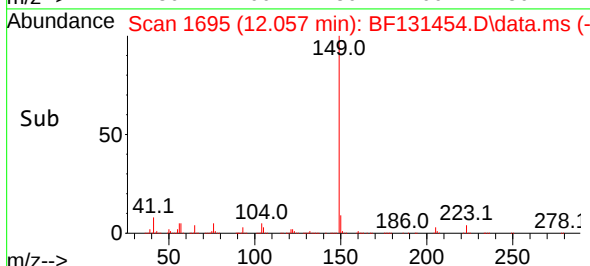
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

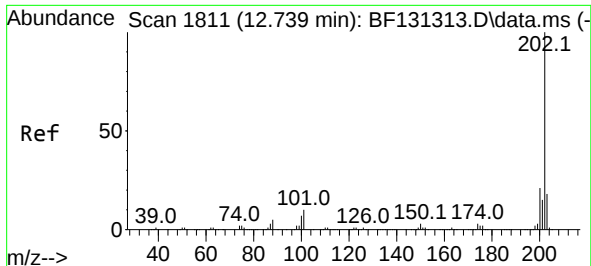


#74
 Di-n-butylphthalate
 Concen: 42.530 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.012 min
 Lab File: BF131454.D
 Acq: 29 Nov 2022 11:47



Tgt Ion:149 Resp: 1206329
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 4.7 7.1





#75
Fluoranthene
Concen: 43.016 ng
RT: 12.721 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

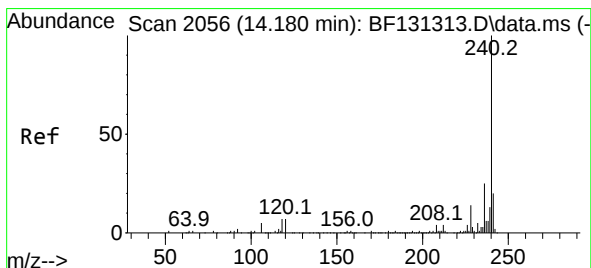
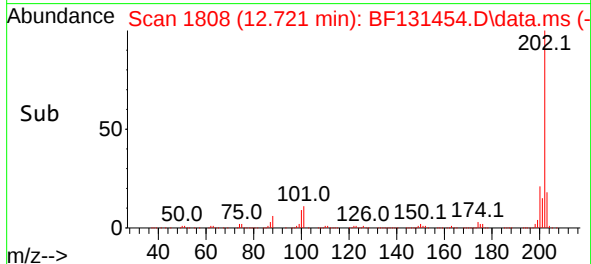
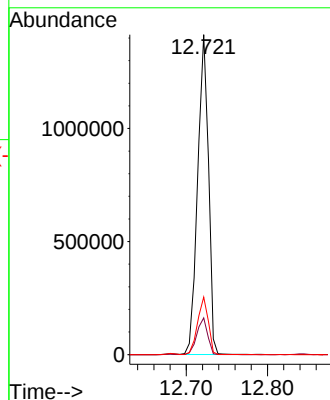
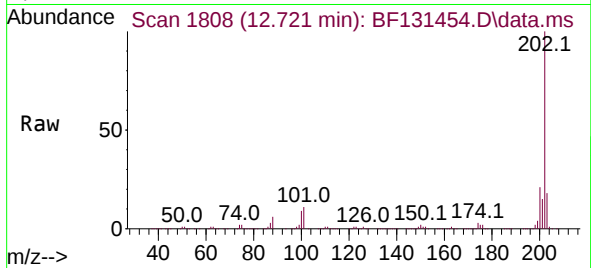
PB149316BSD

Tgt Ion:202 Resp: 130152
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.6
203 18.0 0.0 37.8

Manual Integrations

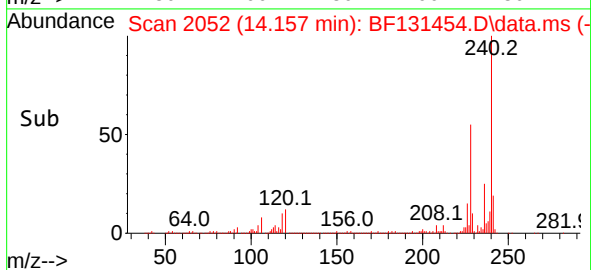
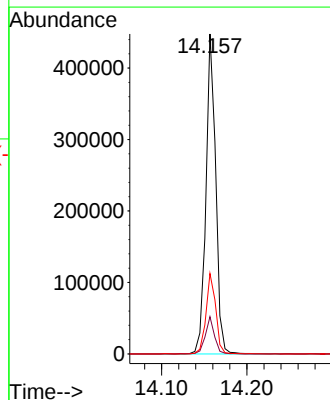
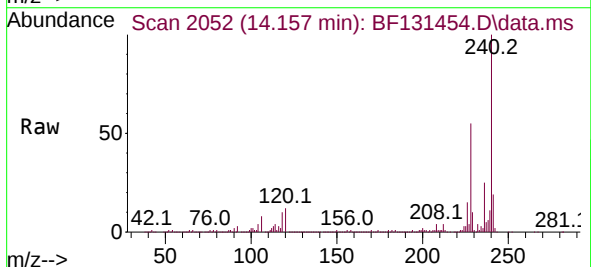
APPROVED

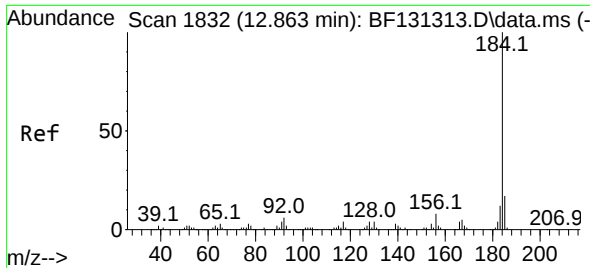
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

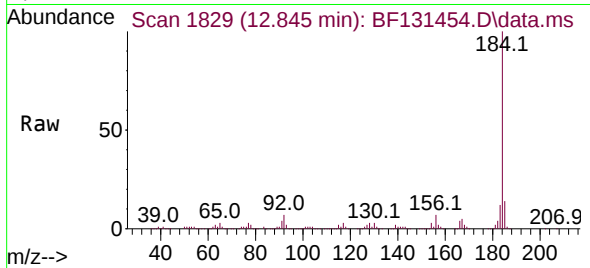
Tgt Ion:240 Resp: 355449
Ion Ratio Lower Upper
240 100
120 11.6 5.8 8.8#
236 25.1 20.3 30.5





#77
Benzidine
Concen: 68.412 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

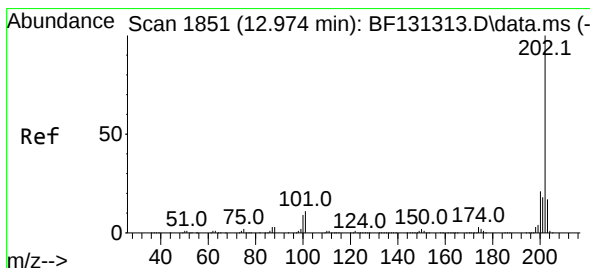
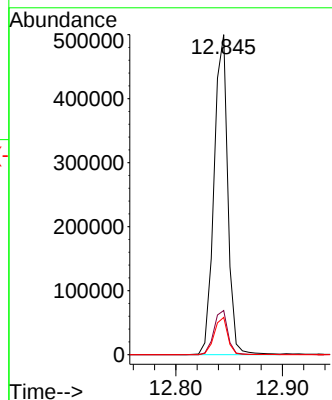
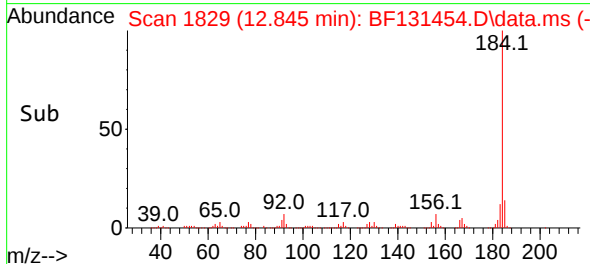
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



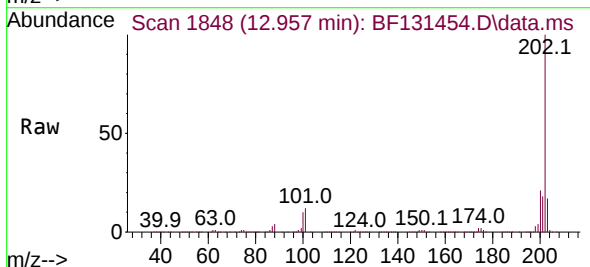
Tgt Ion:184 Resp: 449166
Ion Ratio Lower Upper
184 100
185 13.8 13.8 20.8
183 11.6 9.6 14.4

Manual Integrations
APPROVED

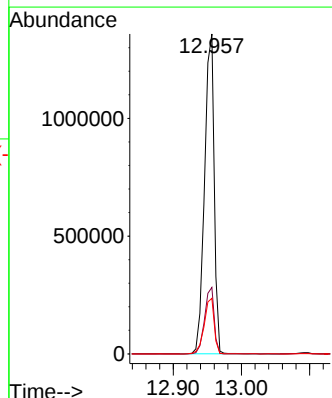
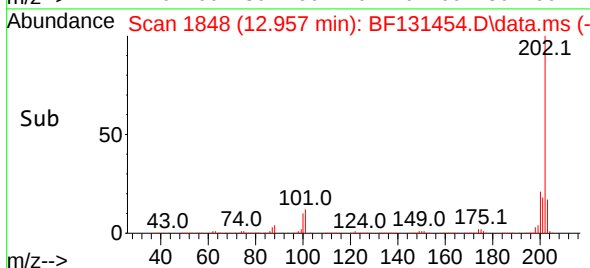
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

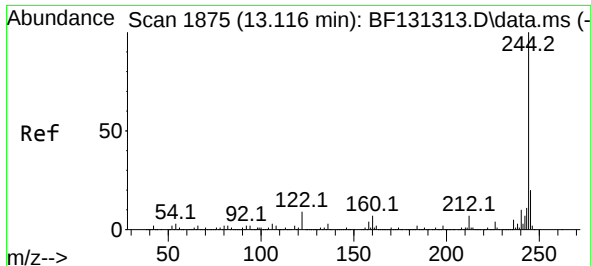


#78
Pyrene
Concen: 42.506 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



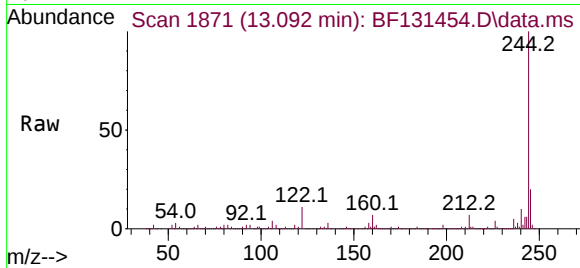
Tgt Ion:202 Resp: 1333019
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.4 13.9 20.9





#79
 Terphenyl-d14
 Concen: 80.844 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: BF131454.D
 Acq: 29 Nov 2022 11:47

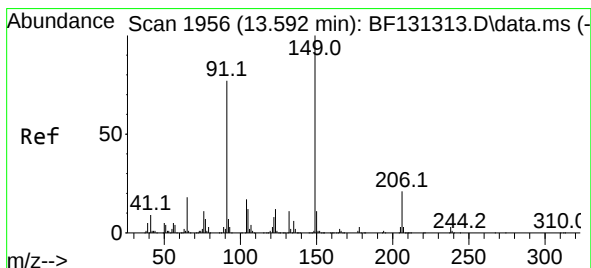
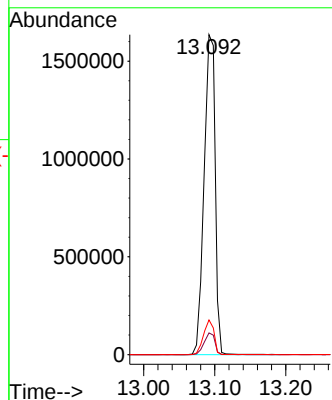
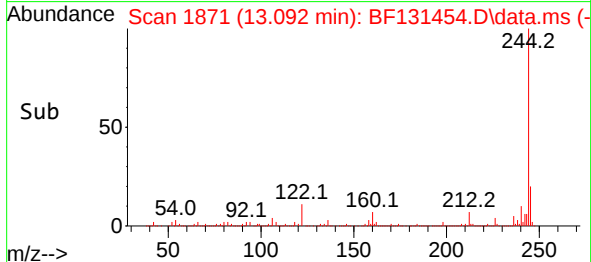
Instrument :
 BNA_F
 ClientSampleId :
 PB149316BSD



Tgt Ion:244 Resp: 1757265
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 10.8 7.5 11.3

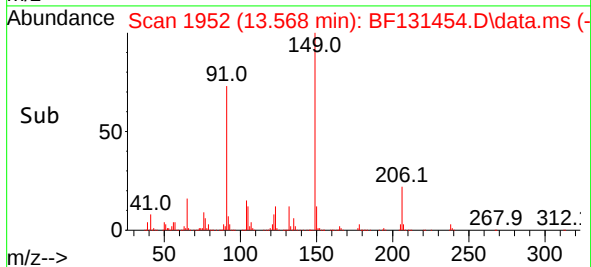
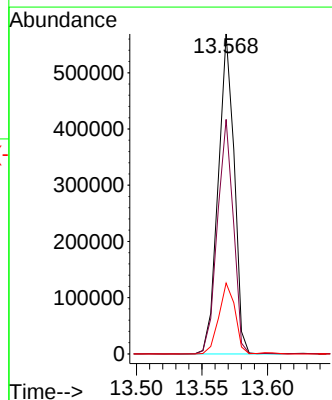
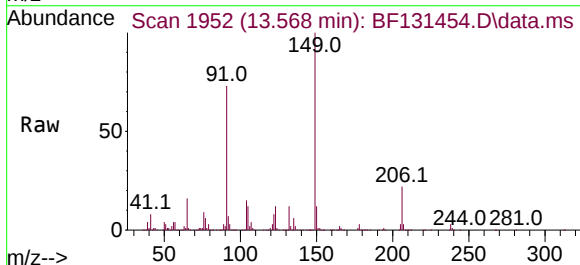
Manual Integrations
 APPROVED

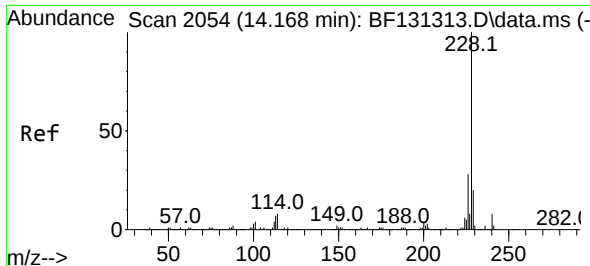
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022



#80
 Butylbenzylphthalate
 Concen: 46.019 ng
 RT: 13.568 min Scan# 1952
 Delta R.T. -0.012 min
 Lab File: BF131454.D
 Acq: 29 Nov 2022 11:47

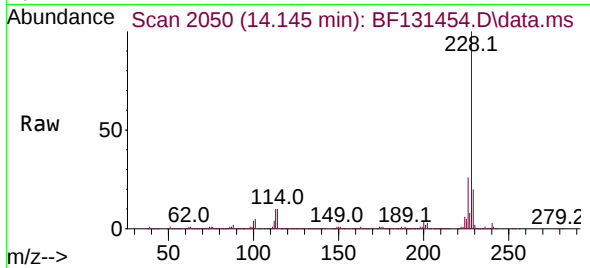
Tgt Ion:149 Resp: 483565
 Ion Ratio Lower Upper
 149 100
 91 73.3 61.9 92.9
 206 22.1 16.5 24.7





#81
Benzo(a)anthracene
Concen: 43.499 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

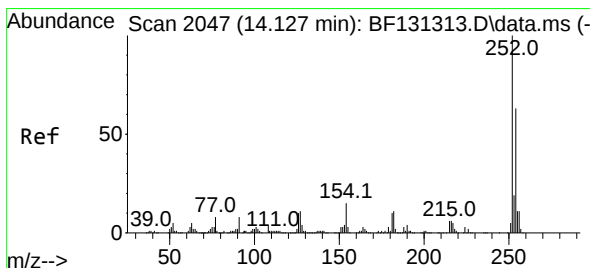
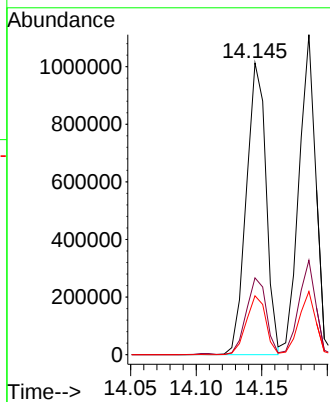
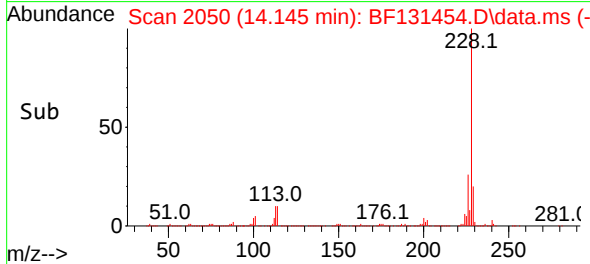
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



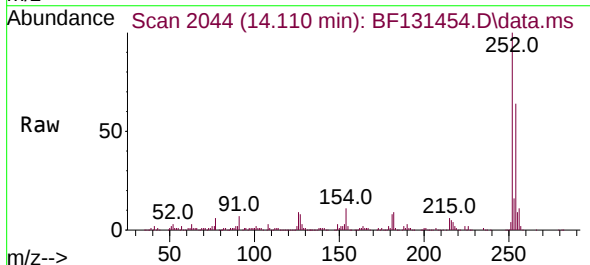
Tgt Ion:228 Resp: 105981
Ion Ratio Lower Upper
228 100
226 26.3 22.0 33.0
229 20.1 15.7 23.5

Manual Integrations
APPROVED

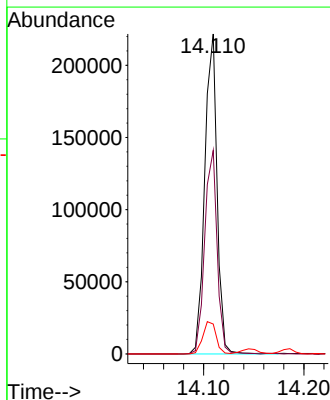
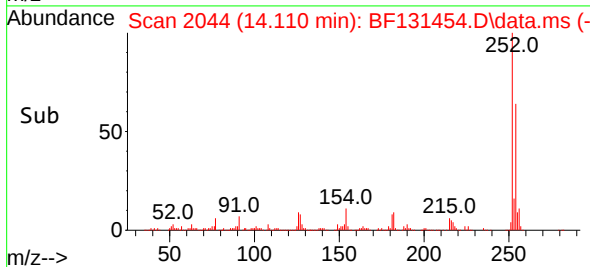
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

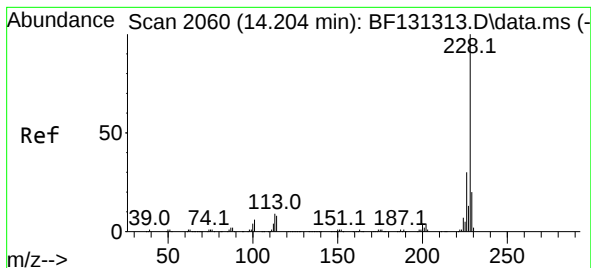


#82
3,3'-Dichlorobenzidine
Concen: 29.140 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47



Tgt Ion:252 Resp: 188399
Ion Ratio Lower Upper
252 100
254 63.6 50.8 76.2
126 9.3 8.3 12.5





#83

Chrysene

Concen: 41.925 ng

RT: 14.186 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

PB149316BSD

Tgt Ion:228 Resp: 100216

Ion Ratio Lower Upper

228 100

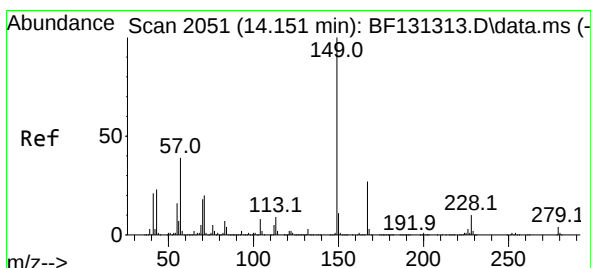
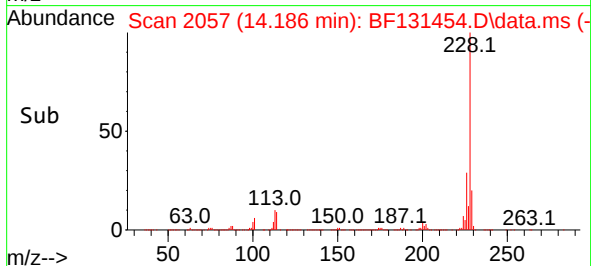
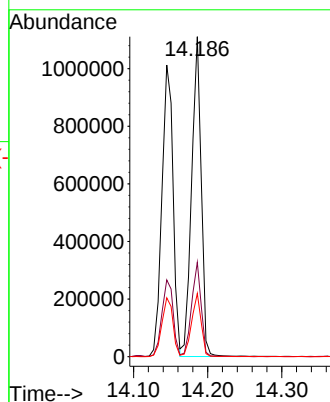
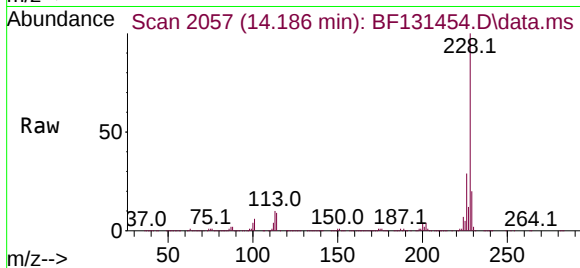
226 29.5 23.7 35.5

229 19.7 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: 41.369 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BF131454.D

Acq: 29 Nov 2022 11:47

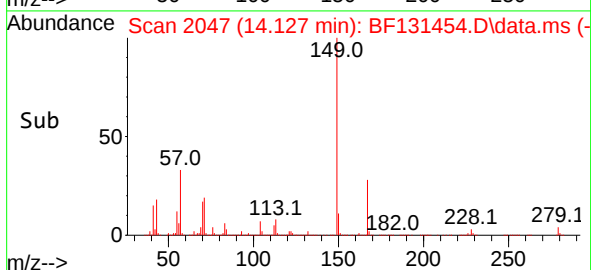
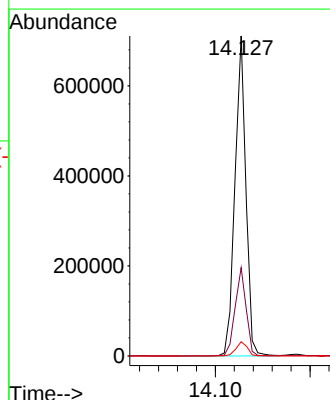
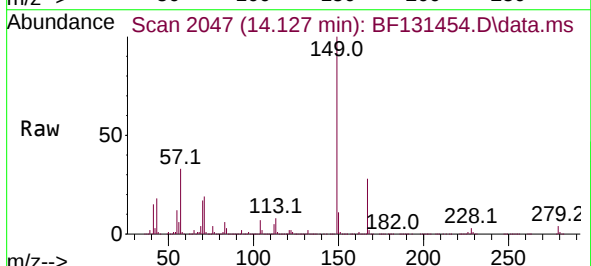
Tgt Ion:149 Resp: 571373

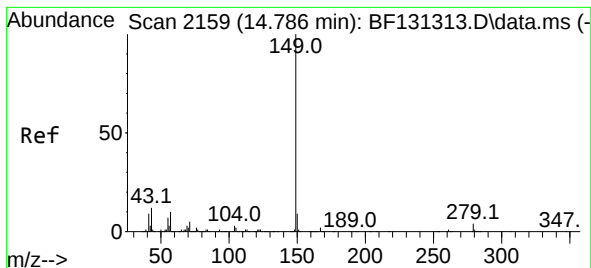
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

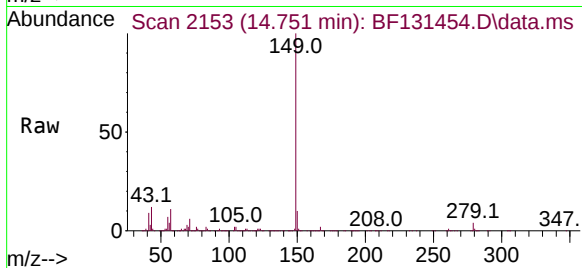
279 4.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.367 ng
RT: 14.751 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

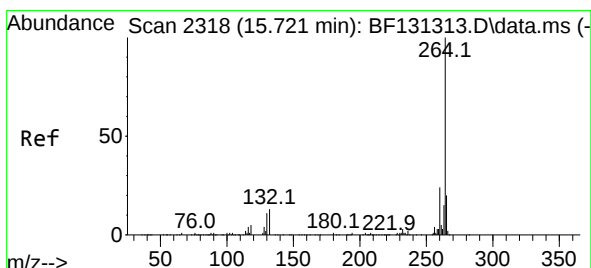
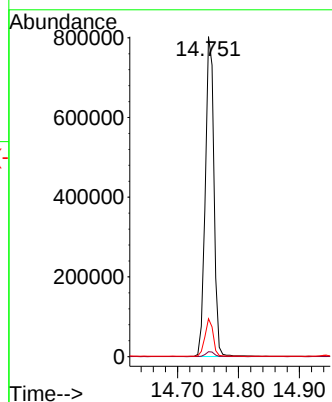
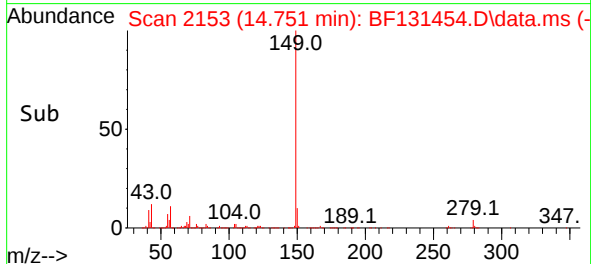
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion:149 Resp: 78752
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 10.7 16.1

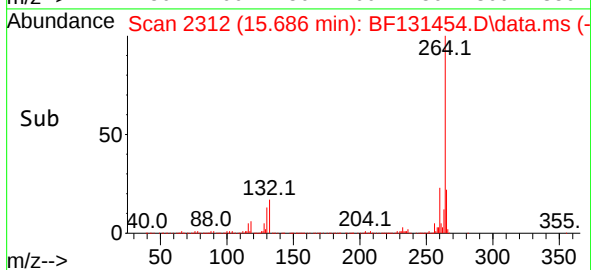
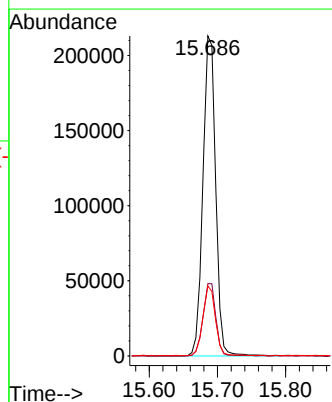
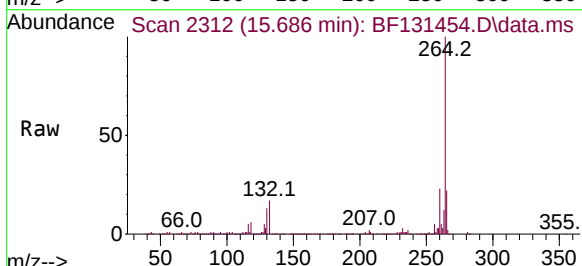
Manual Integrations
APPROVED

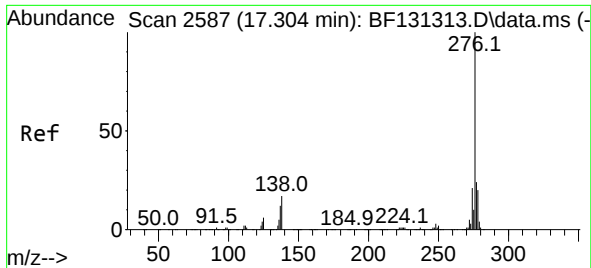
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Tgt Ion:264 Resp: 276891
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 21.9 16.4 24.6





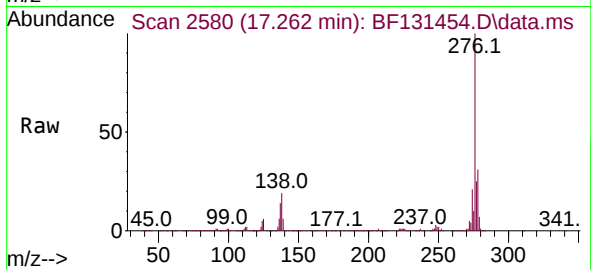
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.277 ng
RT: 17.262 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :

BNA_F

ClientSampleId :

PB149316BSD

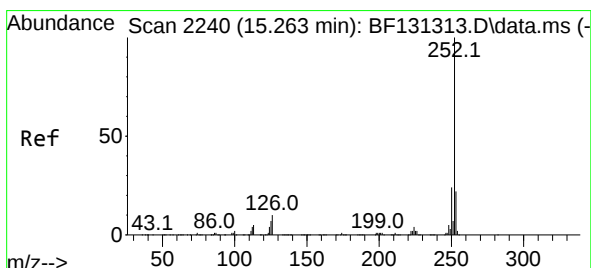
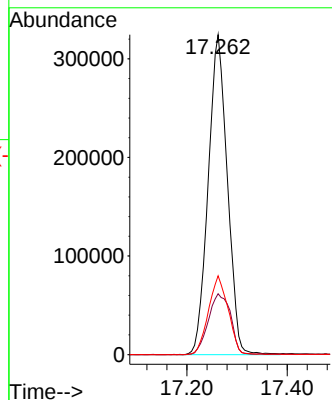
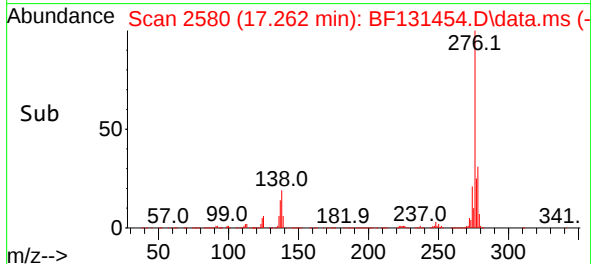


Tgt Ion:276 Resp: 860618
Ion Ratio Lower Upper
276 100
138 22.1 15.8 23.6
277 25.3 20.3 30.5

Manual Integrations

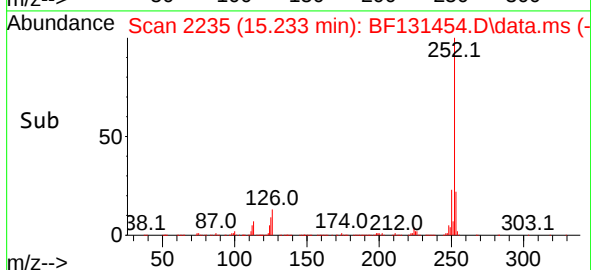
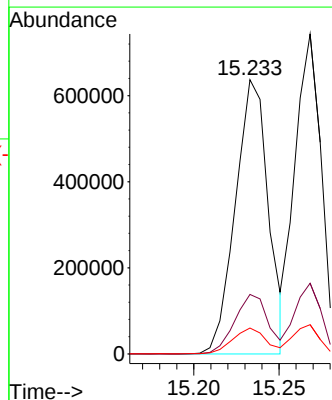
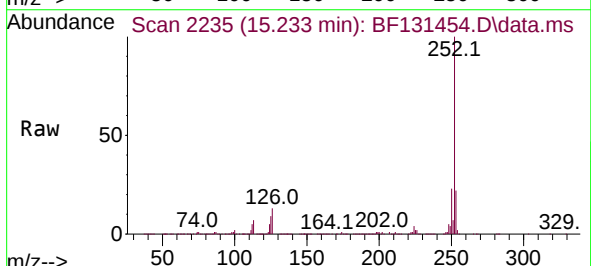
APPROVED

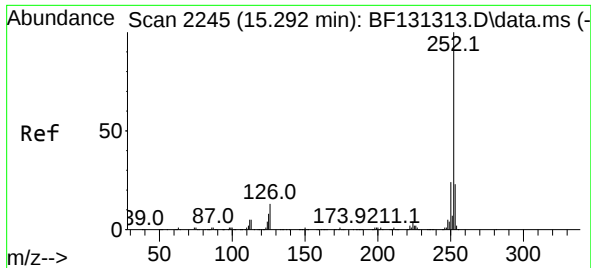
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#88
Benzo(b)fluoranthene
Concen: 46.665 ng
RT: 15.233 min Scan# 2235
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Tgt Ion:252 Resp: 858387
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 5.8 8.6#





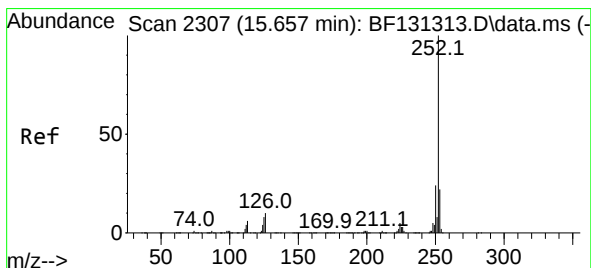
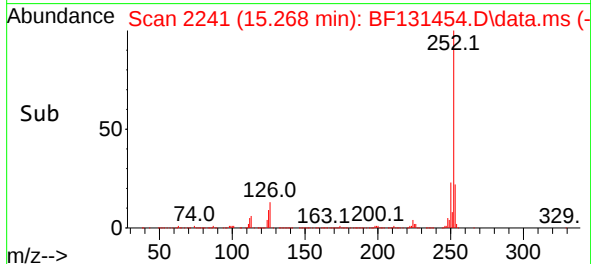
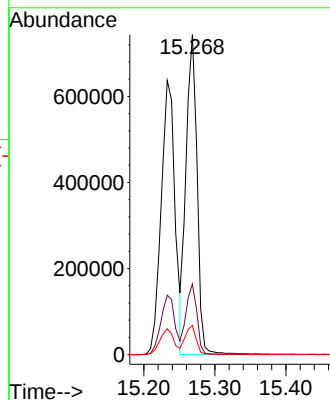
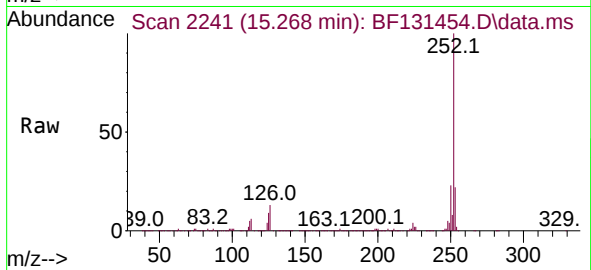
#89
Benzo(k)fluoranthene
Concen: 42.798 ng
RT: 15.268 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Instrument :
BNA_F
ClientSampleId :
PB149316BSD

Tgt Ion:252 Resp: 809013
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.1 6.6 10.0

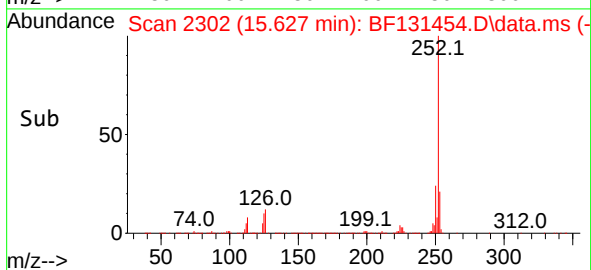
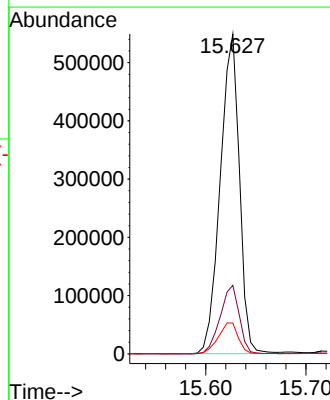
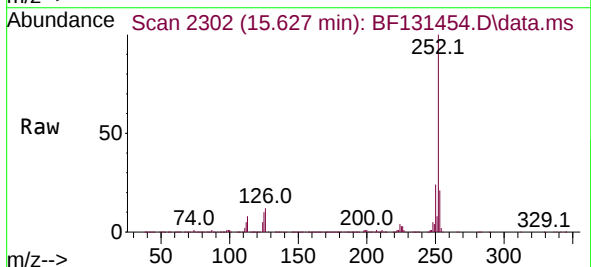
Manual Integrations
APPROVED

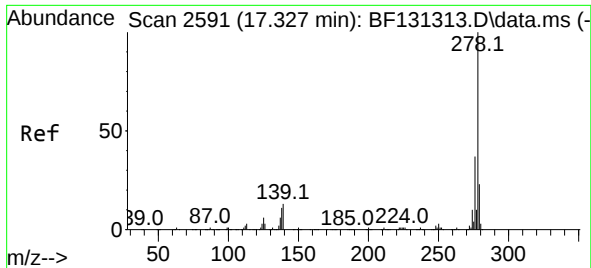
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#90
Benzo(a)pyrene
Concen: 48.369 ng
RT: 15.627 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

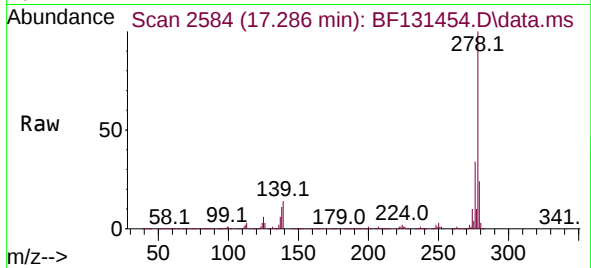
Tgt Ion:252 Resp: 730042
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.6 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 46.911 ng
RT: 17.286 min Scan# 2591
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

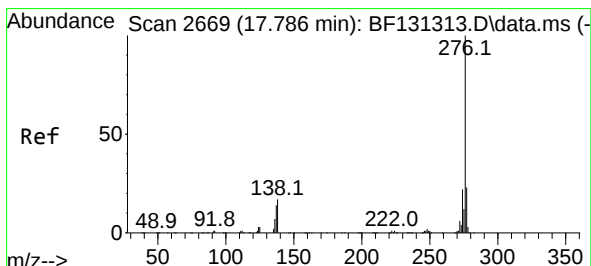
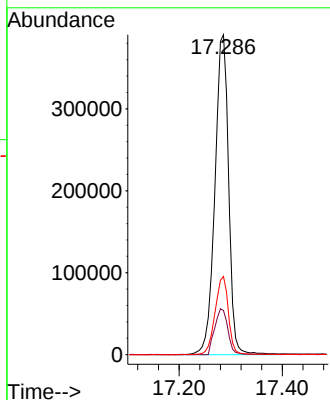
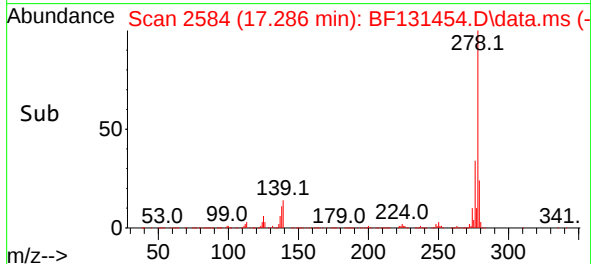
Instrument :
BNA_F
ClientSampleId :
PB149316BSD



Tgt Ion: 278 Resp: 72027
Ion Ratio Lower Upper
278 100
139 13.8 10.4 15.6
279 24.4 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: 48.314 ng
RT: 17.745 min Scan# 2662
Delta R.T. -0.012 min
Lab File: BF131454.D
Acq: 29 Nov 2022 11:47

Tgt Ion: 276 Resp: 740374
Ion Ratio Lower Upper
276 100
277 23.6 18.3 27.5
138 20.5 13.8 20.6

