

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131090.D
 Acq On : 09 Nov 2022 16:52
 Operator : CG\JU
 Sample : PB148687BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148687BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/10/2022
 Supervised By : Jagrut Upadhyay 11/10/2022

Quant Time: Nov 10 04:30:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	88608	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	340531	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	179661	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	324878	20.000	ng	0.00
76) Chrysene-d12	14.074	240	212430	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	141329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	740642	142.148	ng	0.02
7) Phenol-d6	6.528	99	925727	135.899	ng	0.00
23) Nitrobenzene-d5	7.463	82	609487	80.754	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	254023	136.811	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1025067	79.648	ng	0.00
79) Terphenyl-d14	13.016	244	1169335	96.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	93334	36.392	ng	98
3) Pyridine	3.522	79	259312	36.823	ng	98
4) n-Nitrosodimethylamine	3.487	42	183306	45.124	ng	96
6) Aniline	6.557	93	365436	43.701	ng	99
8) 2-Chlorophenol	6.681	128	283186	47.244	ng	98
9) Benzaldehyde	6.445	77	134104	30.253	ng	95
10) Phenol	6.540	94	356274	44.741	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	270854	47.543	ng	95
12) 1,3-Dichlorobenzene	6.834	146	298428	44.770	ng	98
13) 1,4-Dichlorobenzene	6.910	146	299816	44.279	ng	97
14) 1,2-Dichlorobenzene	7.063	146	288070	45.929	ng	98
15) Benzyl Alcohol	7.040	79	245760	47.172	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	458656	48.015	ng	99
17) 2-Methylphenol	7.145	107	219759	43.835	ng	99
18) Hexachloroethane	7.404	117	115179	45.619	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	198737	44.435	ng	98
20) 3+4-Methylphenols	7.298	107	274133	43.765	ng	93
22) Acetophenone	7.310	105	388830	45.627	ng	98
24) Nitrobenzene	7.481	77	314062	42.957	ng	99
25) Isophorone	7.722	82	543757	46.595	ng	97
26) 2-Nitrophenol	7.798	139	145300	44.790	ng	98
27) 2,4-Dimethylphenol	7.828	122	243542	48.954	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	319872	48.366	ng	99
29) 2,4-Dichlorophenol	8.039	162	227656	42.803	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	241348	42.080	ng	97
31) Naphthalene	8.204	128	769713	41.367	ng	99
32) Benzoic acid	7.963	122	147198	42.870	ng	96
33) 4-Chloroaniline	8.251	127	260281	34.886	ng	98
34) Hexachlorobutadiene	8.310	225	160056	40.841	ng	98
35) Caprolactam	8.628	113	73820m	45.275	ng	
36) 4-Chloro-3-methylphenol	8.734	107	249818	42.445	ng	99
37) 2-Methylnaphthalene	8.892	142	480143	40.031	ng	99
38) 1-Methylnaphthalene	8.992	142	463030	39.419	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	249648	42.553	ng	98
41) Hexachlorocyclopentadiene	9.039	237	267753	116.969	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	163964	42.586	ng	99

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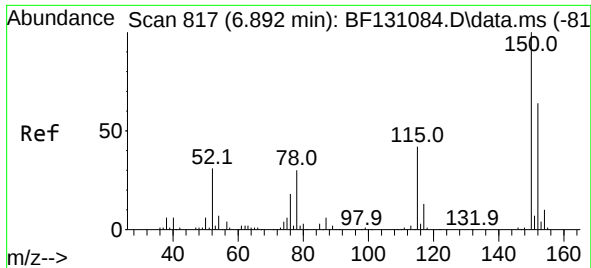
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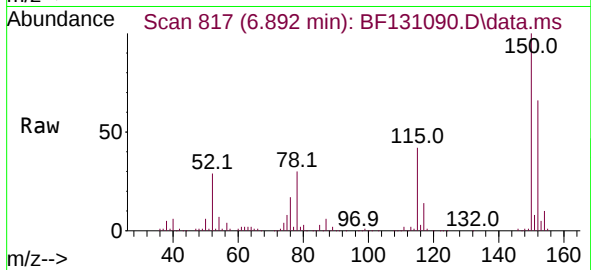
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	179263	41.615	ng	95
46) 1,1'-Biphenyl	9.357	154	603653	43.456	ng	99
47) 2-Chloronaphthalene	9.386	162	473927	42.043	ng	98
48) 2-Nitroaniline	9.481	65	178029	43.395	ng	97
49) Acenaphthylene	9.804	152	722967	41.973	ng	99
50) Dimethylphthalate	9.663	163	545371	42.674	ng	100
51) 2,6-Dinitrotoluene	9.728	165	124221	44.229	ng	# 83
52) Acenaphthene	9.975	154	429502	41.803	ng	99
53) 3-Nitroaniline	9.898	138	108418	33.764	ng	99
54) 2,4-Dinitrophenol	10.010	184	144987	98.351	ng	96
55) Dibenzofuran	10.145	168	648970	42.651	ng	98
56) 4-Nitrophenol	10.063	139	198191	92.735	ng	97
57) 2,4-Dinitrotoluene	10.133	165	168393	45.103	ng	93
58) Fluorene	10.492	166	517384	41.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143443	43.306	ng	100
60) Diethylphthalate	10.363	149	536483	43.588	ng	99
61) 4-Chlorophenyl-phenylether	10.480	204	247408	43.018	ng	99
62) 4-Nitroaniline	10.516	138	135731	41.828	ng	97
63) Azobenzene	10.639	77	549937	42.688	ng	100
65) 4,6-Dinitro-2-methylph...	10.539	198	93701	44.859	ng	84
66) n-Nitrosodiphenylamine	10.598	169	473234	43.329	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	157021	42.743	ng	97
68) Hexachlorobenzene	11.033	284	177368	43.322	ng	97
69) Atrazine	11.127	200	161613	47.800	ng	96
70) Pentachlorophenol	11.233	266	174908	83.517	ng	98
71) Phenanthrene	11.457	178	758084	42.427	ng	98
72) Anthracene	11.510	178	774965	44.688	ng	99
73) Carbazole	11.663	167	708467	45.940	ng	99
74) Di-n-butylphthalate	11.986	149	808425	46.478	ng	100
75) Fluoranthene	12.645	202	831146	46.470	ng	99
77) Benzidine	12.769	184	330527	52.740	ng	99
78) Pyrene	12.880	202	852881	46.796	ng	99
80) Butylbenzylphthalate	13.492	149	319110	48.904	ng	99
81) Benzo(a)anthracene	14.068	228	666948	43.925	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	179228	41.357	ng	99
83) Chrysene	14.104	228	621669	43.353	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	352620	50.060	ng	100
85) Di-n-octyl phthalate	14.663	149	438453	49.085	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	423613	37.548	ng	99
88) Benzo(b)fluoranthene	15.127	252	513544	51.395	ng	99
89) Benzo(k)fluoranthene	15.163	252	439709	45.784	ng	97
90) Benzo(a)pyrene	15.504	252	400151	49.951	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	358628	39.050	ng	# 96
92) Benzo(g,h,i)perylene	17.545	276	402147	41.147	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

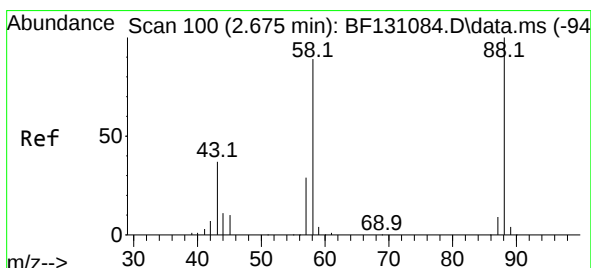
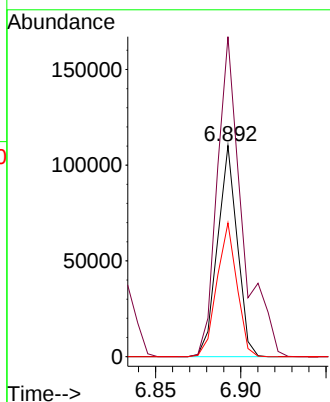
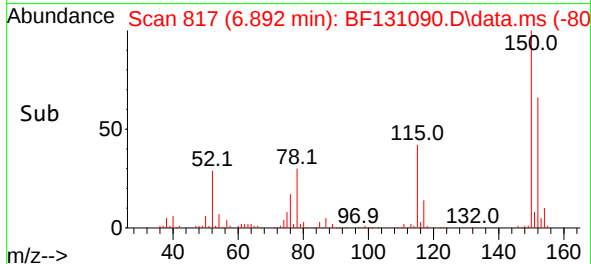
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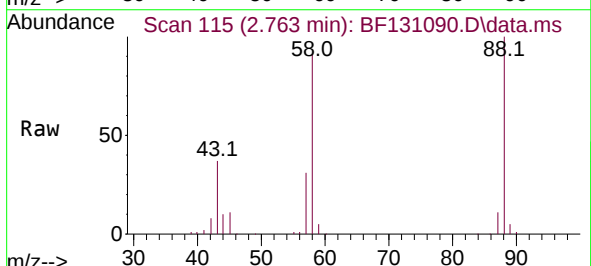
Tgt Ion:152 Resp: 88608
Ion Ratio Lower Upper
152 100
150 151.6 125.5 188.3
115 63.4 52.2 78.2

Manual Integrations
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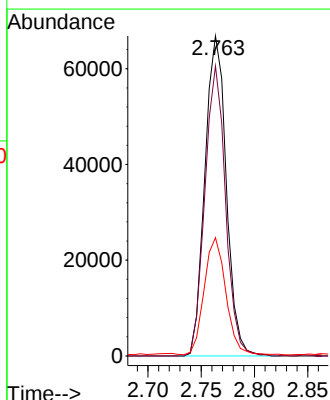
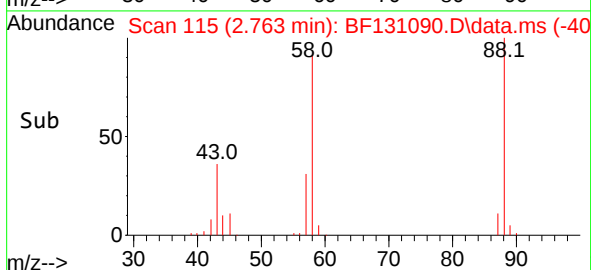
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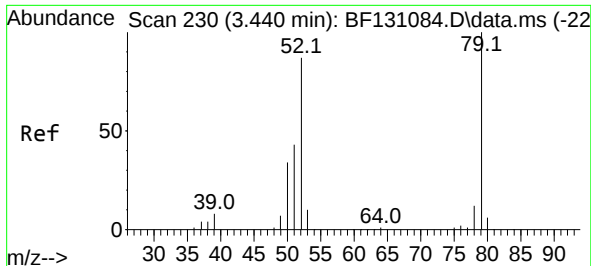


#2
1,4-Dioxane
Concen: 36.392 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.088 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion: 88 Resp: 93334
Ion Ratio Lower Upper
88 100
58 87.7 68.5 102.7
43 37.1 28.6 42.8





#3

Pyridine

Concen: 36.823 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

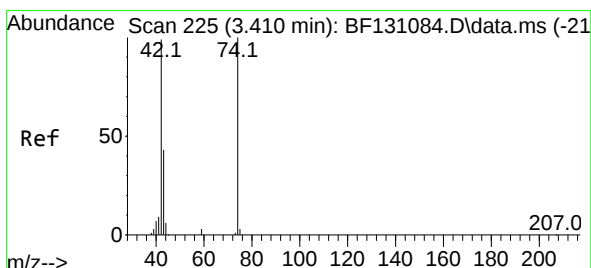
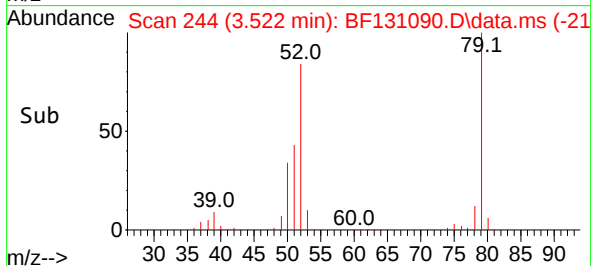
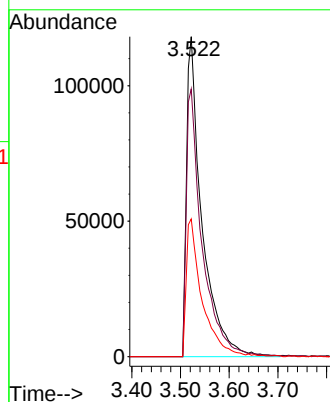
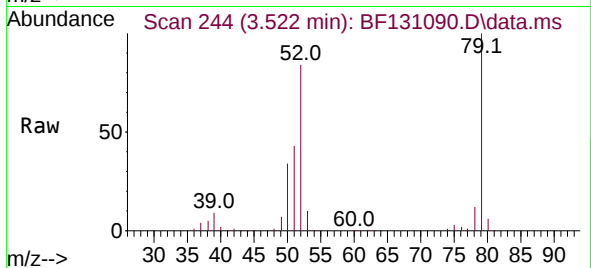
Tgt Ion: 79 Resp: 259312

Ion	Ratio	Lower	Upper
79	100		
52	83.6	69.4	104.2
51	43.0	34.2	51.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 45.124 ng

RT: 3.487 min Scan# 238

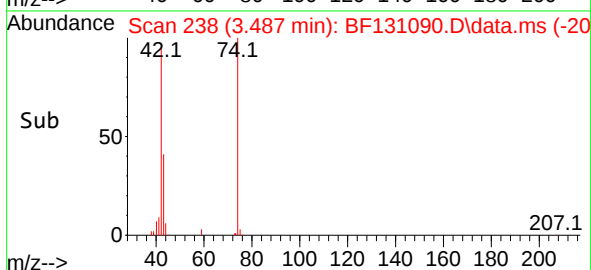
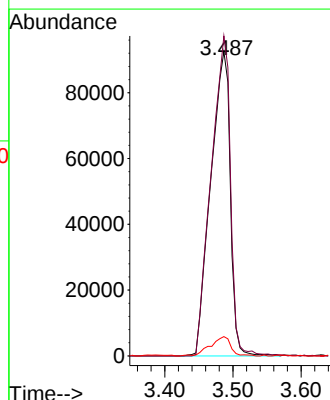
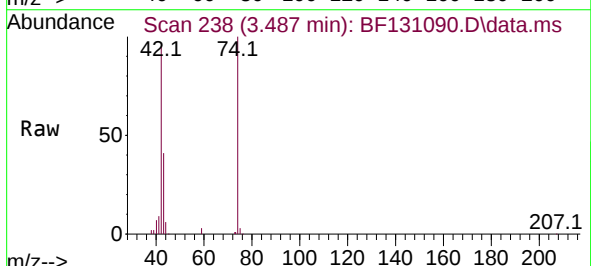
Delta R.T. 0.077 min

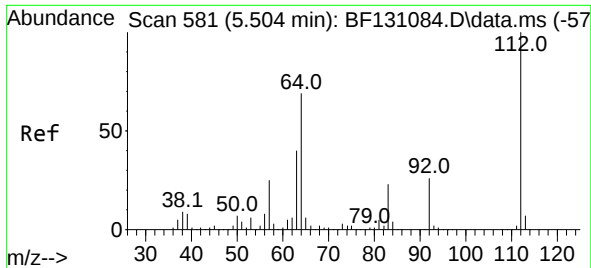
Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Tgt Ion: 42 Resp: 183306

Ion	Ratio	Lower	Upper
42	100		
74	105.1	81.0	121.4
44	6.3	5.0	7.4





#5
2-Fluorophenol
Concen: 142.148 ng
RT: 5.522 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

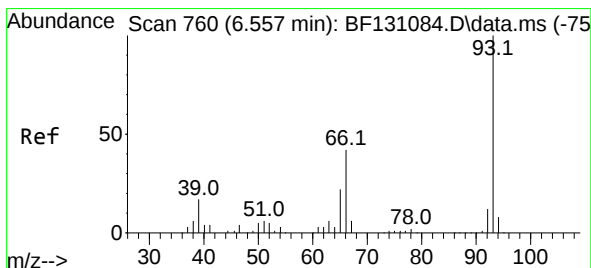
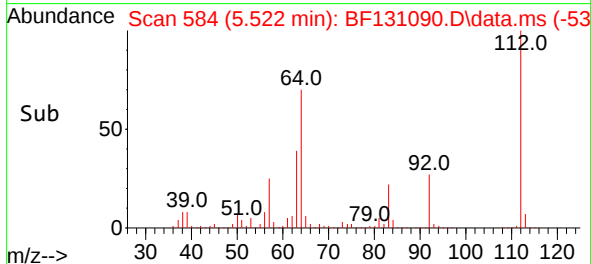
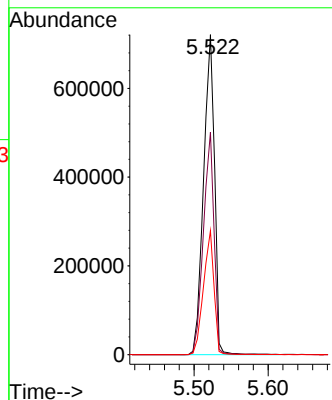
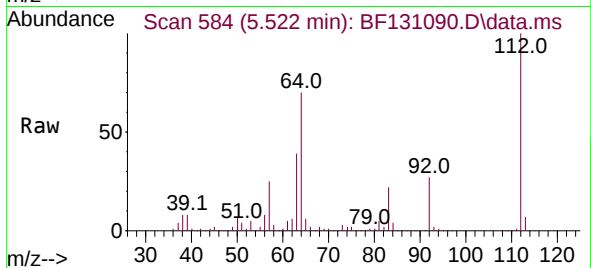
PB148687BS

Tgt Ion:112 Resp: 740642
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 38.7 32.4 48.6

Manual Integrations

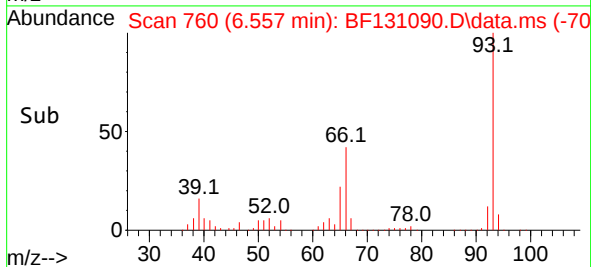
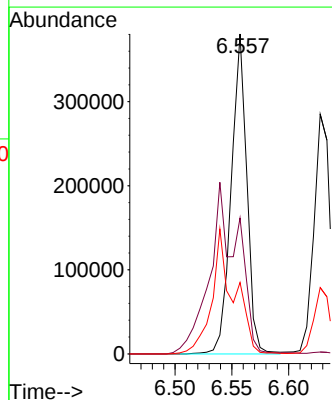
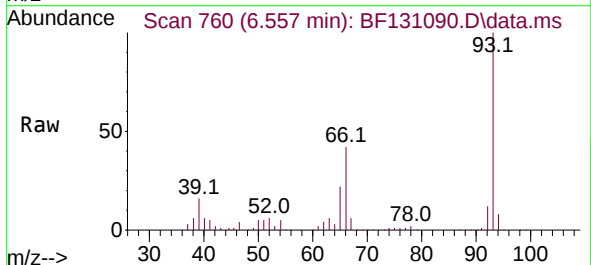
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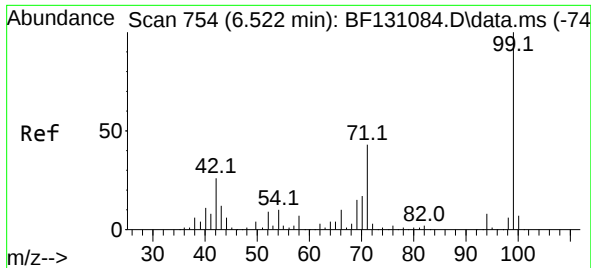
Reviewed By :Christian Giraldo 11/10/2022
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#6
Aniline
Concen: 43.701 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

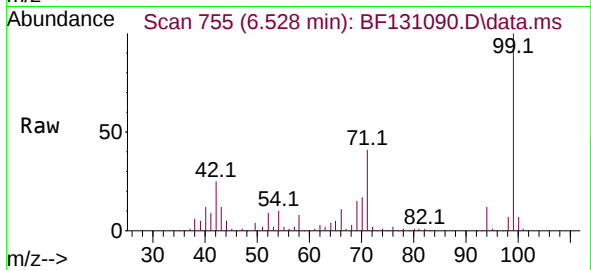
Tgt Ion: 93 Resp: 365436
Ion Ratio Lower Upper
93 100
66 42.5 34.4 51.6
65 22.3 17.6 26.4





#7
Phenol-d6
Concen: 135.899 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

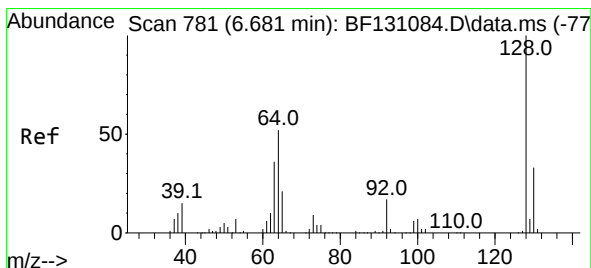
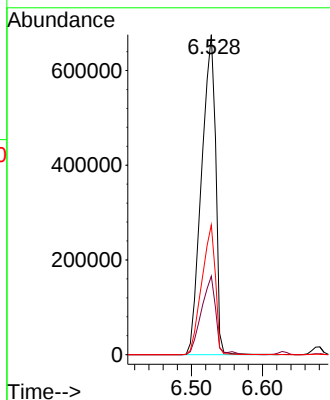
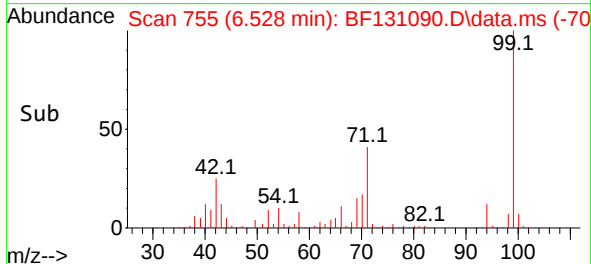
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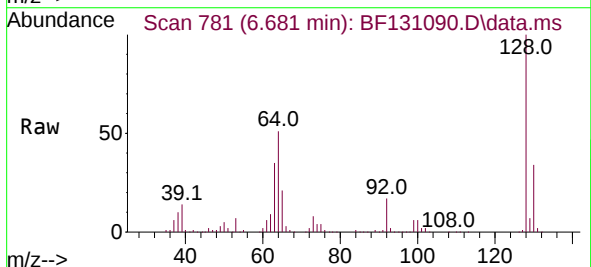
Tgt Ion: 99 Resp: 92572
Ion Ratio Lower Upper
99 100
42 24.6 20.8 31.2
71 40.5 34.2 51.4

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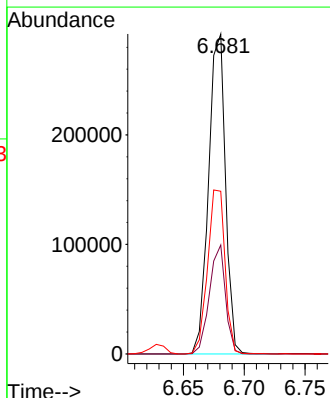
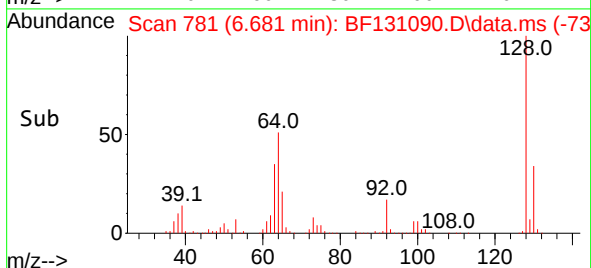
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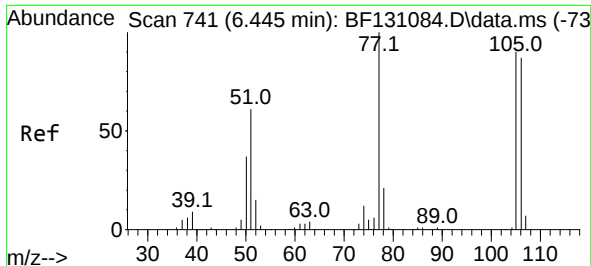


#8
2-Chlorophenol
Concen: 47.244 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



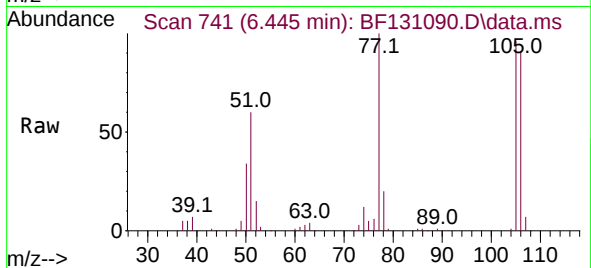
Tgt Ion:128 Resp: 283186
Ion Ratio Lower Upper
128 100
130 34.0 13.1 53.1
64 50.8 32.0 72.0





#9
Benzaldehyde
Concen: 30.253 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

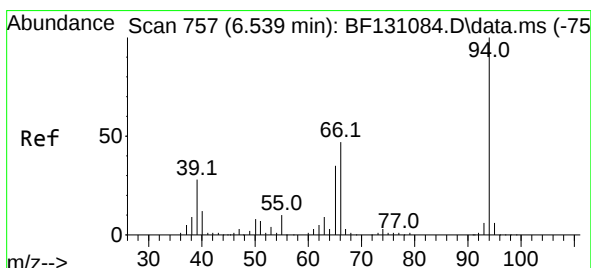
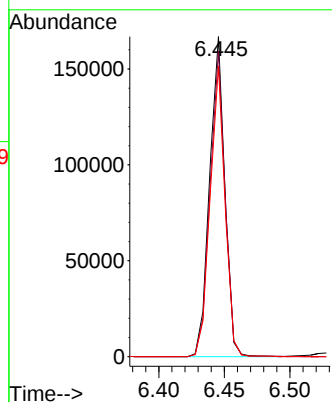
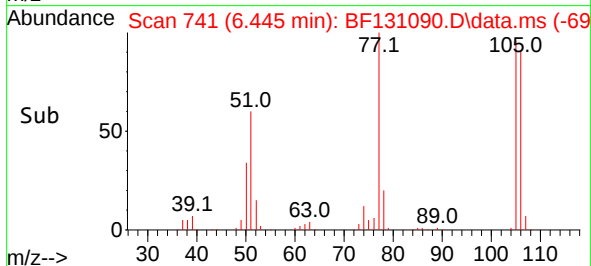
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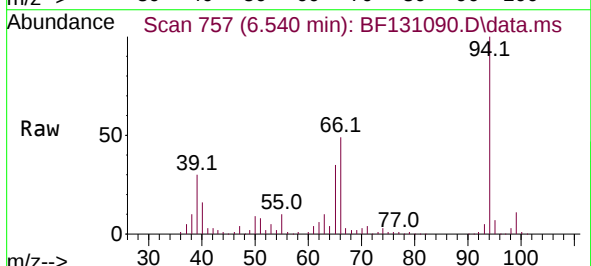
Tgt Ion: 77 Resp: 134104
Ion Ratio Lower Upper
77 100
105 95.5 70.1 110.1
106 90.8 67.3 107.3

Manual Integrations
APPROVED

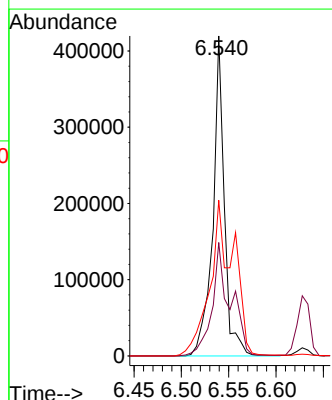
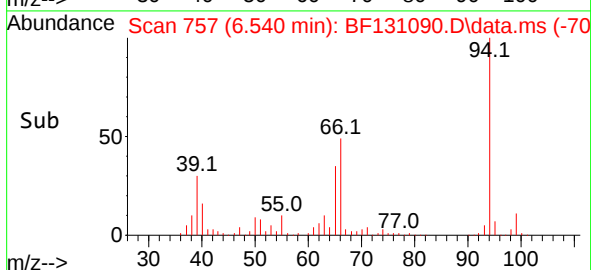
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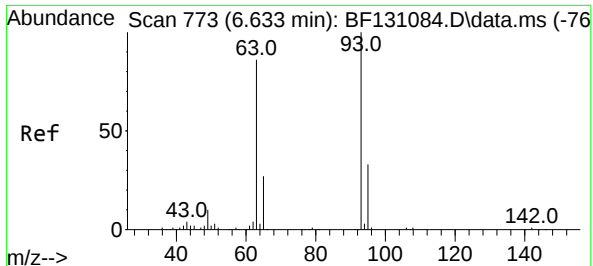


#10
Phenol
Concen: 44.741 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion: 94 Resp: 356274
Ion Ratio Lower Upper
94 100
65 35.4 14.8 54.8
66 48.6 27.5 67.5





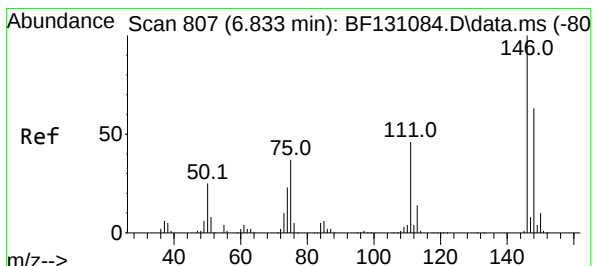
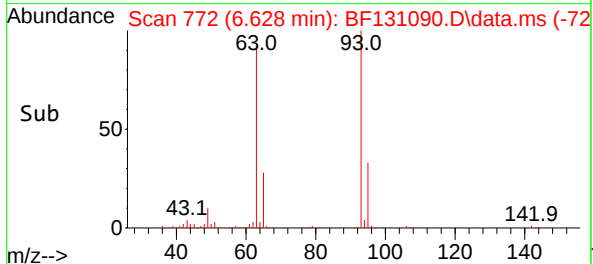
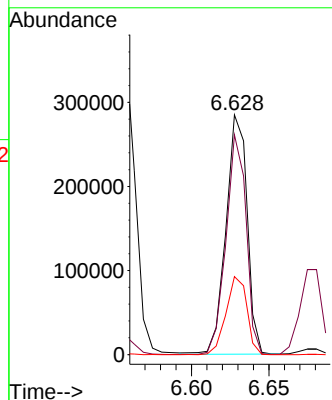
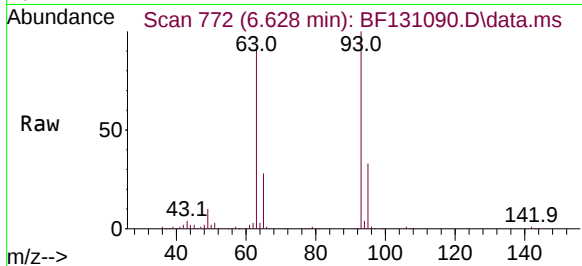
#11
bis(2-Chloroethyl)ether
Concen: 47.543 ng
RT: 6.628 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB148687BS

Tgt Ion: 93 Resp: 270854
Ion Ratio Lower Upper
93 100
63 91.6 65.3 105.3
95 32.5 12.7 52.7

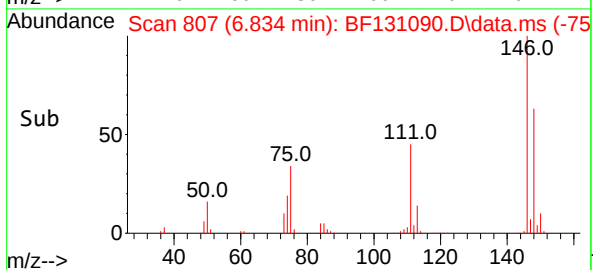
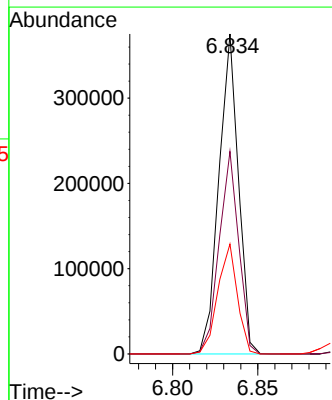
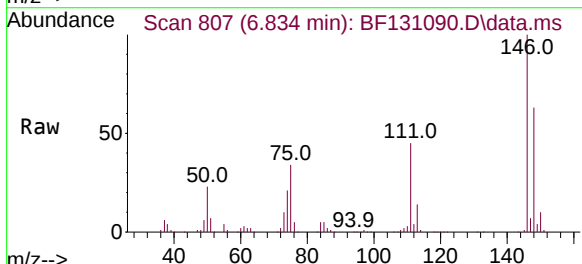
Manual Integrations
APPROVED

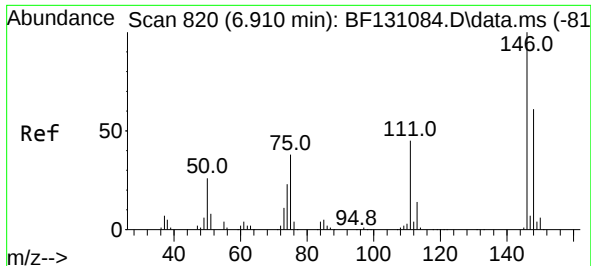
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#12
1,3-Dichlorobenzene
Concen: 44.770 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:146 Resp: 298428
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 34.3 29.8 44.6





#13

1,4-Dichlorobenzene

Concen: 44.279 ng

RT: 6.910 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

Tgt Ion:146 Resp: 299816

Ion Ratio Lower Upper

146 100

148 65.1 49.0 73.6

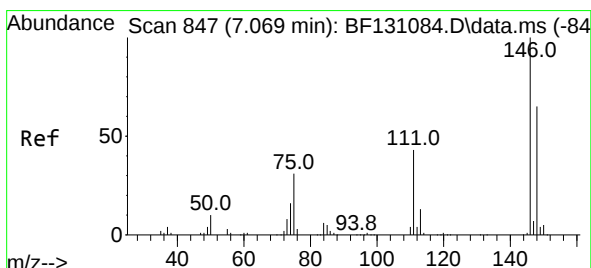
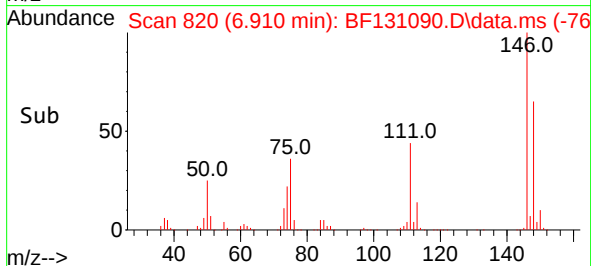
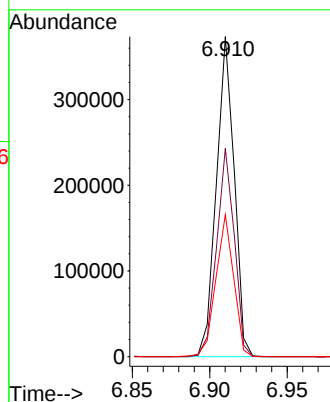
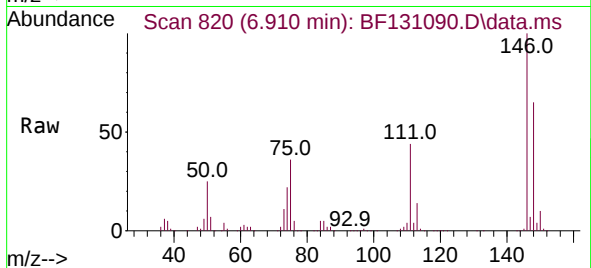
111 44.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/10/2022

Supervised By :Jagrut Upadhyay 11/10/2022



#14

1,2-Dichlorobenzene

Concen: 45.929 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

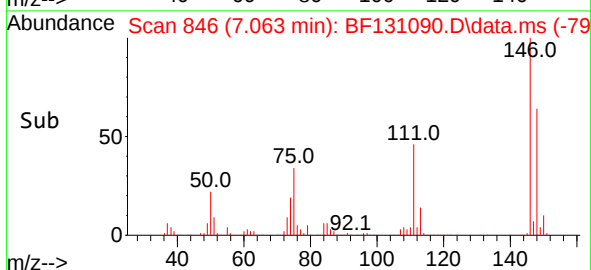
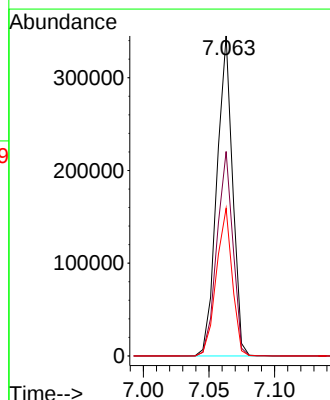
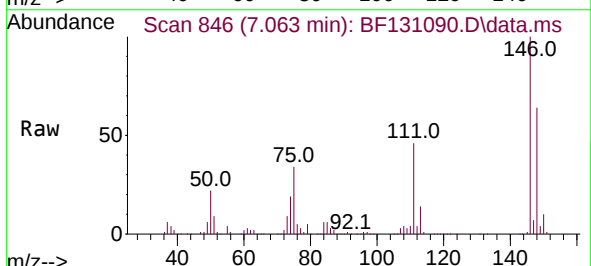
Tgt Ion:146 Resp: 288070

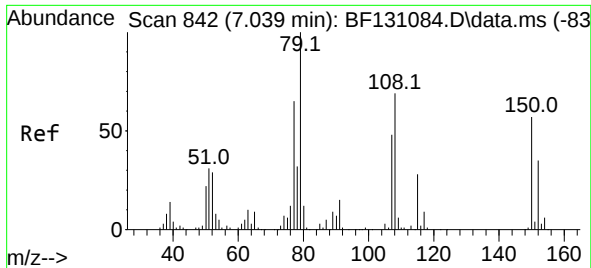
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

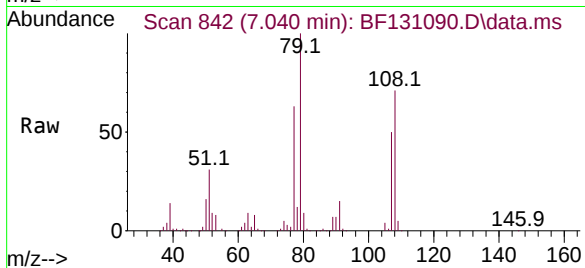
111 46.1 34.8 52.2





#15
Benzyl Alcohol
Concen: 47.172 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

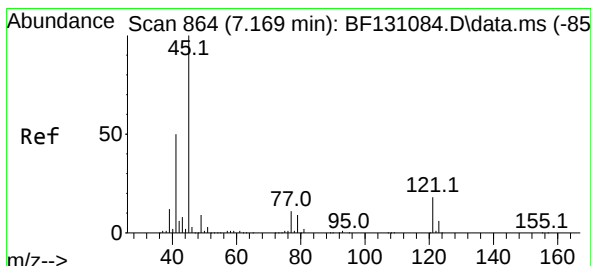
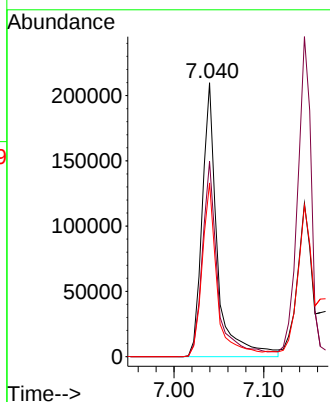
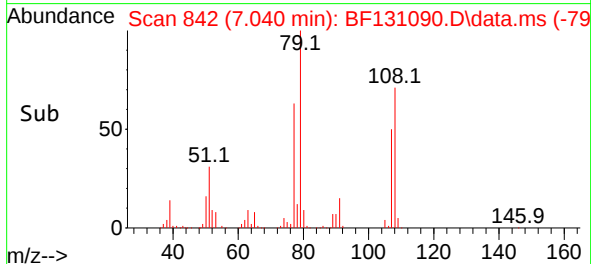
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion: 79 Resp: 245760
Ion Ratio Lower Upper
79 100
108 71.3 55.5 83.3
77 63.4 51.8 77.8

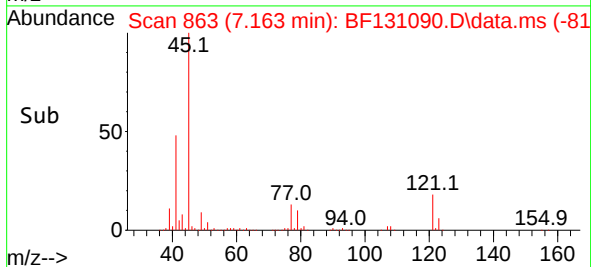
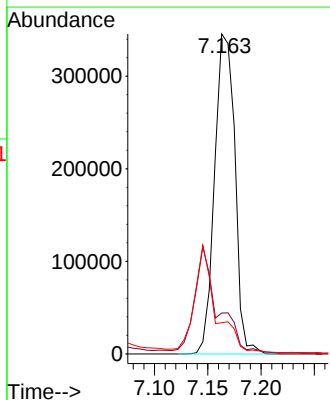
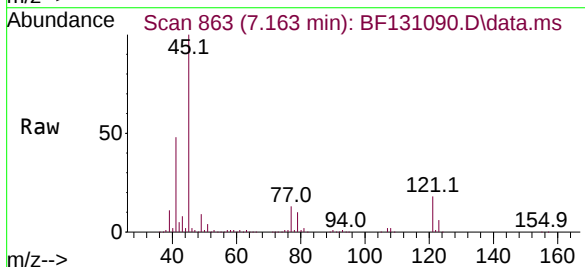
Manual Integrations
APPROVED

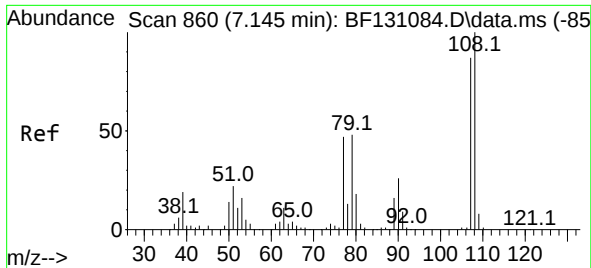
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.015 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

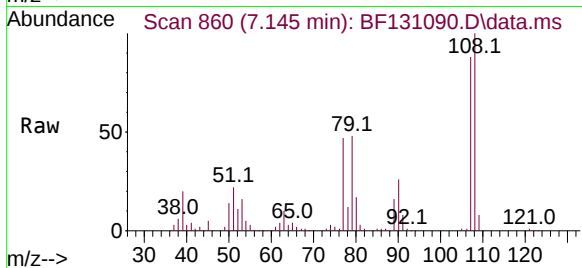
Tgt Ion: 45 Resp: 458656
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.5
79 9.7 0.0 30.3





#17
2-Methylphenol
Concen: 43.835 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

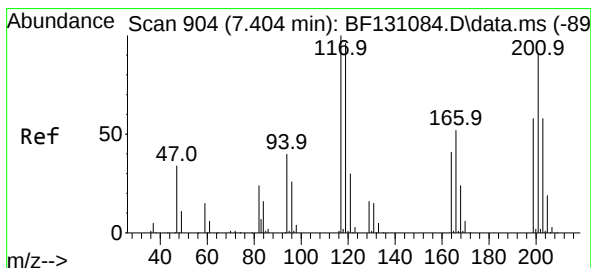
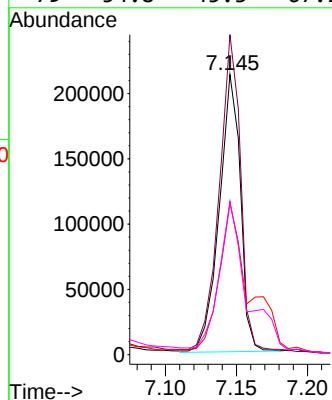
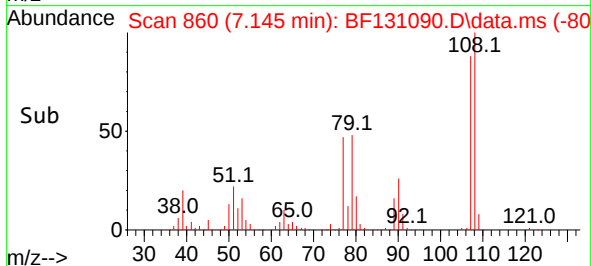
Instrument :
BNA_F
ClientSampleId :
PB148687BS



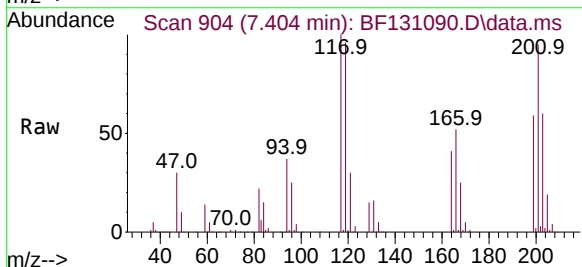
Tgt Ion:107 Resp: 219759
Ion Ratio Lower Upper
107 100
108 114.2 91.8 137.6
77 54.0 44.2 66.2
79 54.8 45.3 67.9

Manual Integrations
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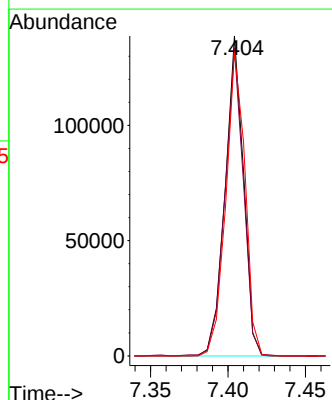
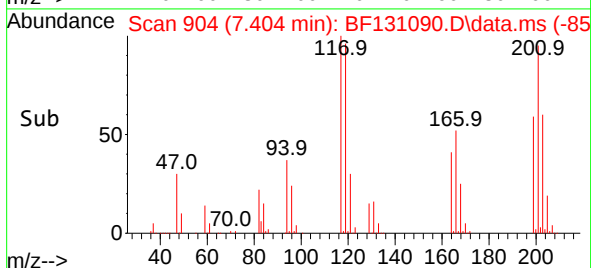
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

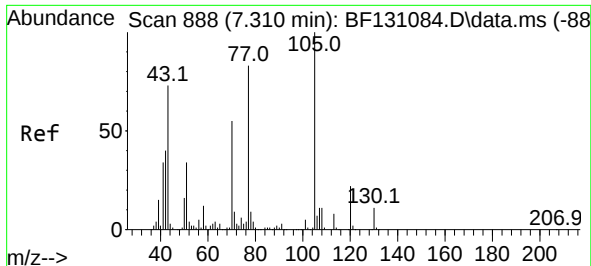


#18
Hexachloroethane
Concen: 45.619 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion:117 Resp: 115179
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.4
201 94.9 72.6 109.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.435 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF131090.D

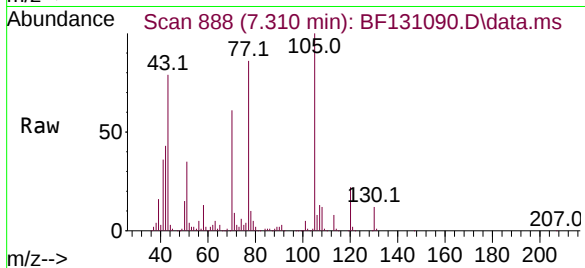
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS



Tgt Ion: 70 Resp: 19873

Ion Ratio Lower Upper

70 100

42 71.4 58.3 87.5

101 8.9 7.4 11.2

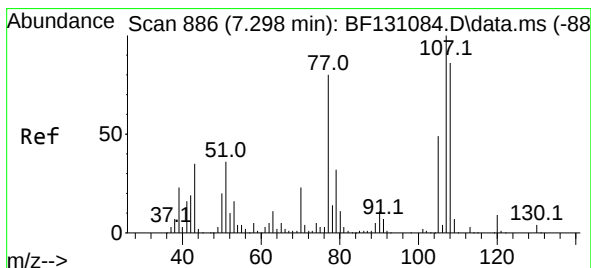
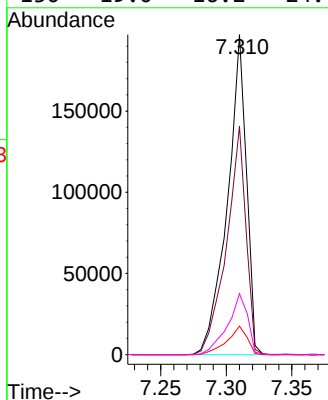
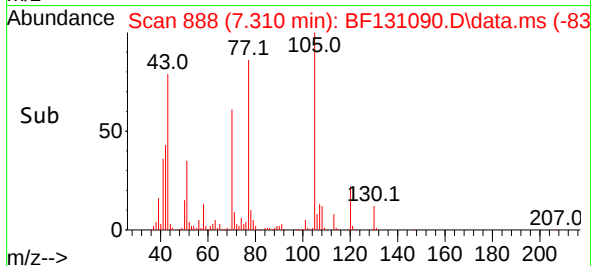
130 19.0 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/10/2022

Supervised By :Jagrut Upadhyay 11/10/2022



#20

3+4-Methylphenols

Concen: 43.765 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Tgt Ion:107 Resp: 274133

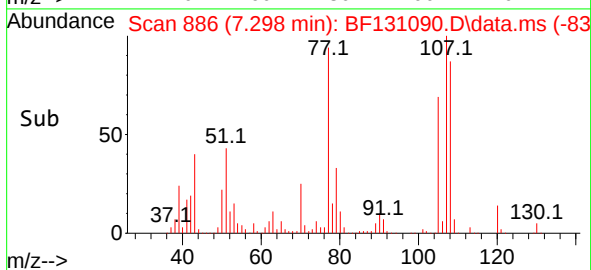
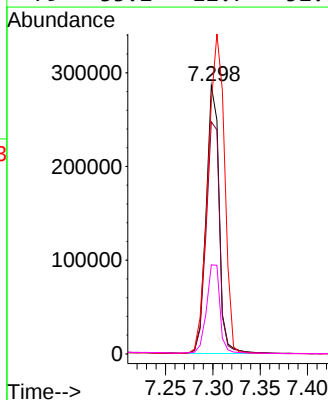
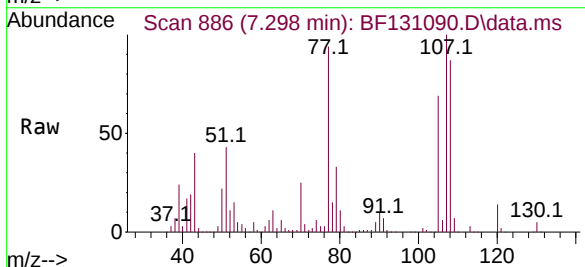
Ion Ratio Lower Upper

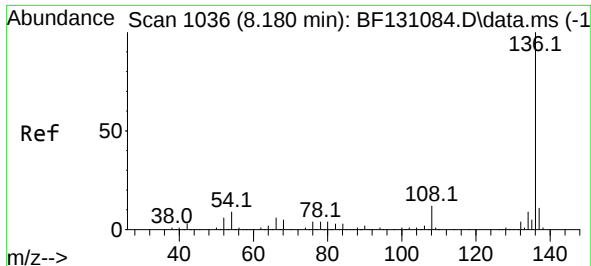
107 100

108 86.5 66.3 106.3

77 93.8 59.9 99.9

79 33.2 12.7 52.7





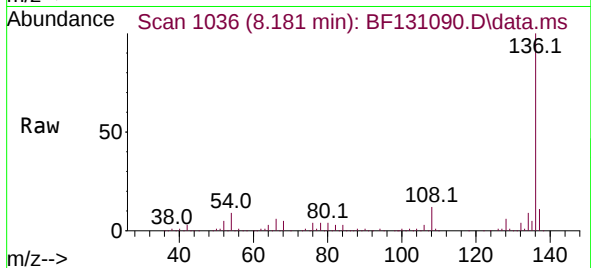
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.001 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

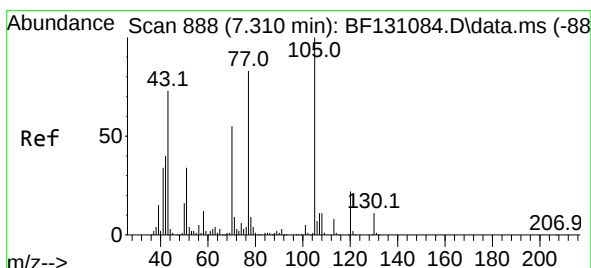
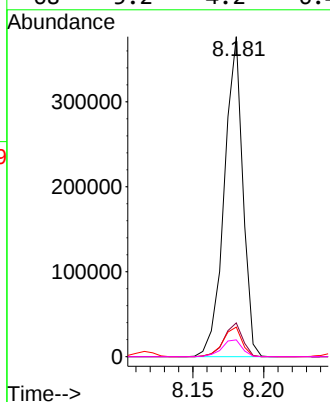
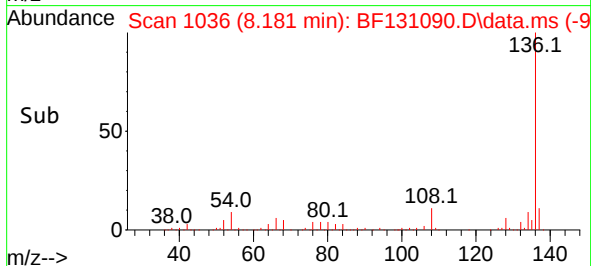


Tgt Ion:136 Resp: 340531
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.2 7.2 10.8
68 5.2 4.2 6.4

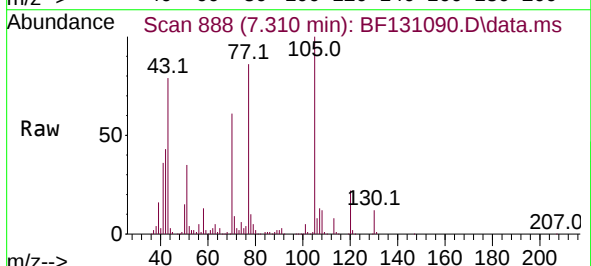
Manual Integrations

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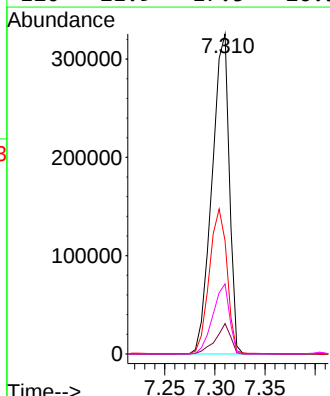
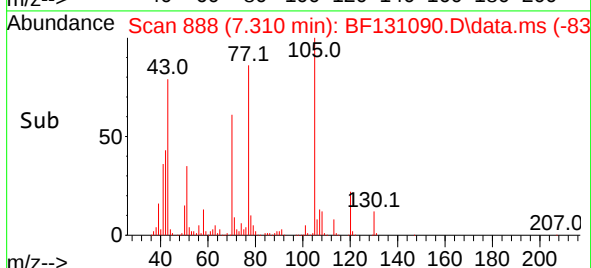
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

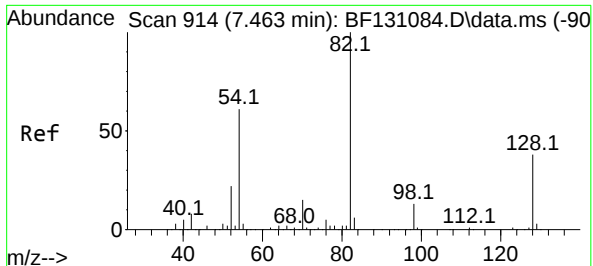


#22
Acetophenone
Concen: 45.627 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion:105 Resp: 388830
Ion Ratio Lower Upper
105 100
71 9.5 7.0 10.4
51 35.3 27.0 40.6
120 21.9 17.5 26.3





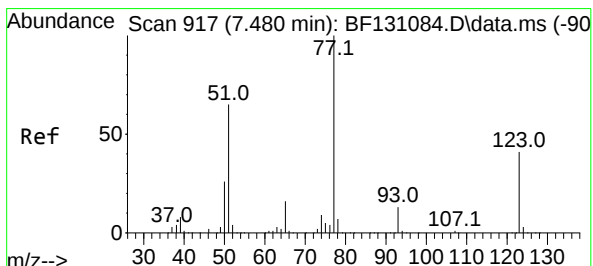
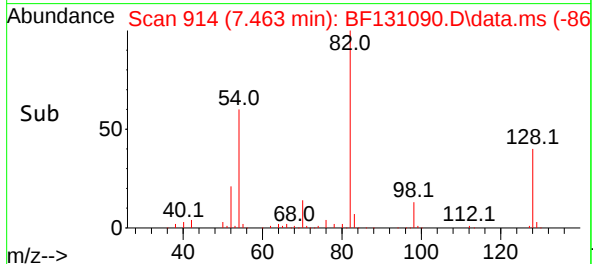
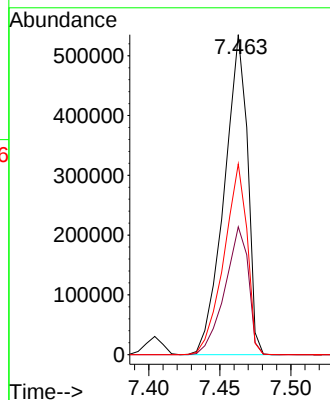
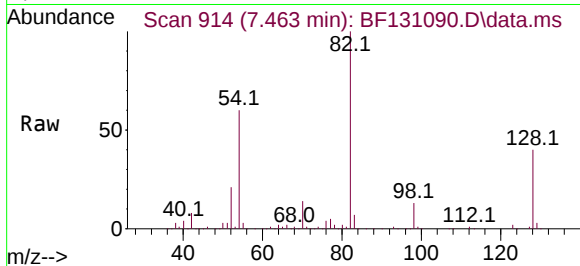
#23
Nitrobenzene-d5
Concen: 80.754 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB148687BS

Tgt Ion: 82 Resp: 60948
Ion Ratio Lower Upper
82 100
128 39.9 30.5 45.7
54 59.6 49.1 73.7

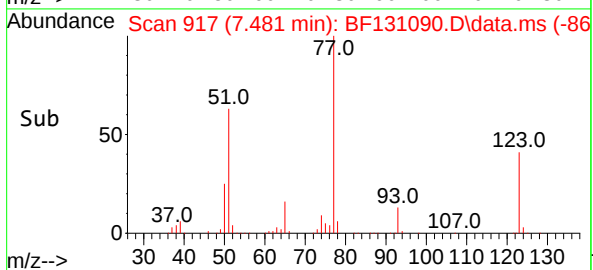
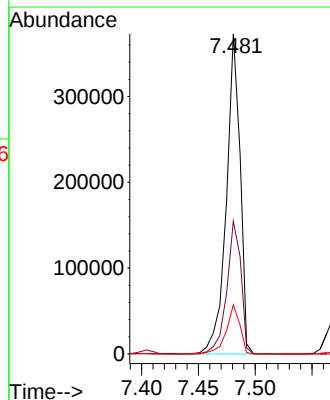
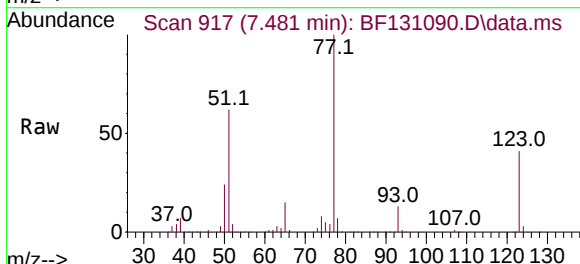
Manual Integrations
APPROVED

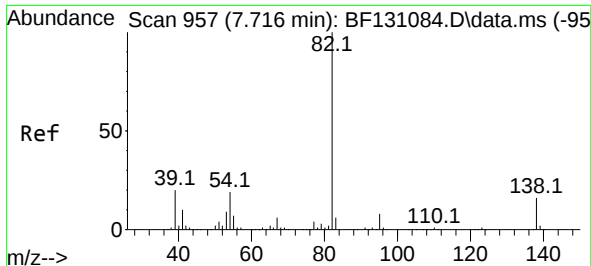
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#24
Nitrobenzene
Concen: 42.957 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

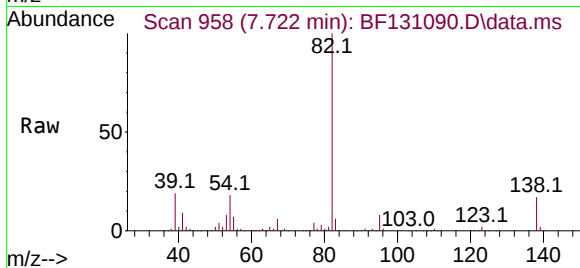
Tgt Ion: 77 Resp: 314062
Ion Ratio Lower Upper
77 100
123 41.5 32.8 49.2
65 15.3 12.4 18.6





#25
Isophorone
Concen: 46.595 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

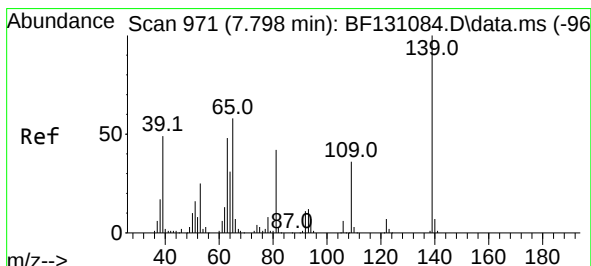
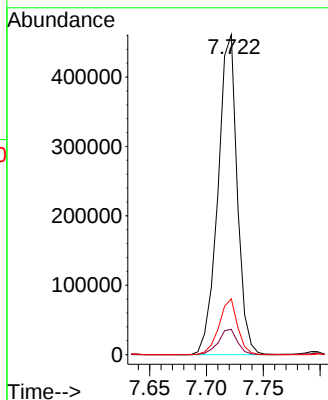
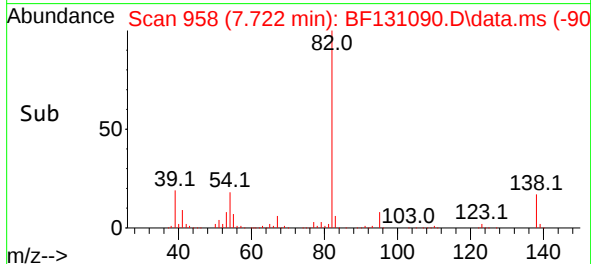
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion: 82 Resp: 54375
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.4 12.5 18.7

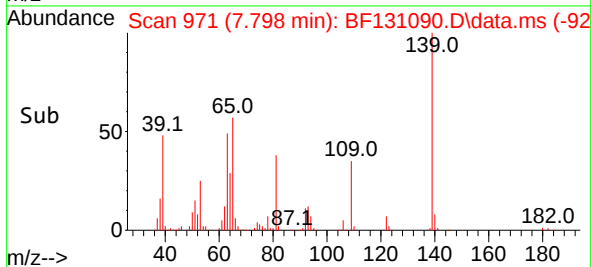
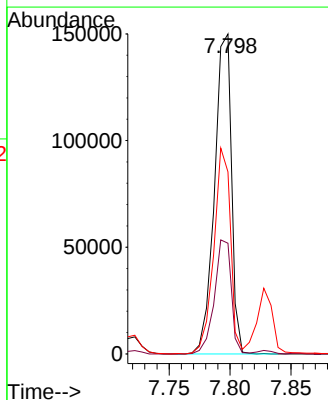
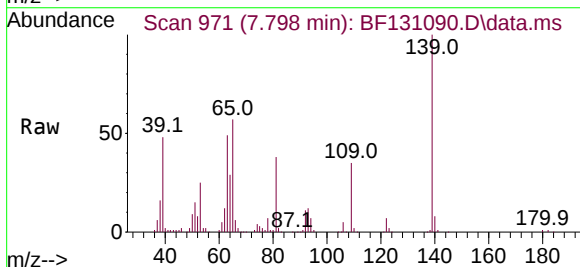
Manual Integrations
APPROVED

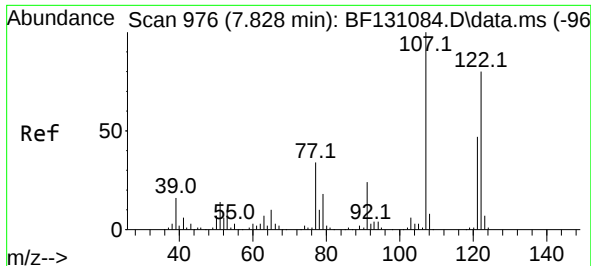
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#26
2-Nitrophenol
Concen: 44.790 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:139 Resp: 145300
Ion Ratio Lower Upper
139 100
109 34.6 28.6 43.0
65 56.9 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 48.954 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

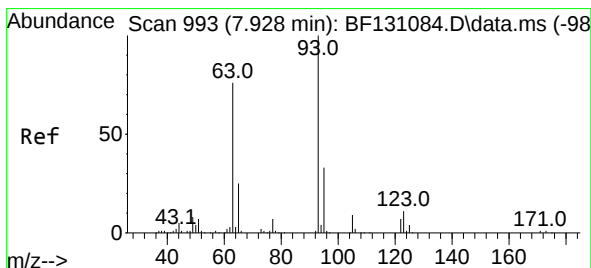
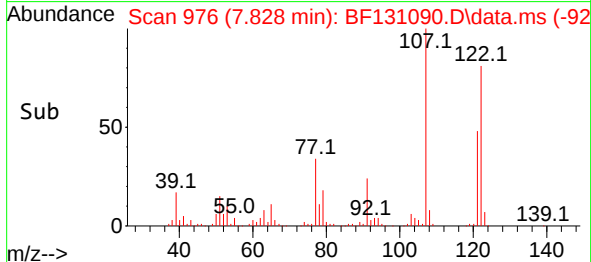
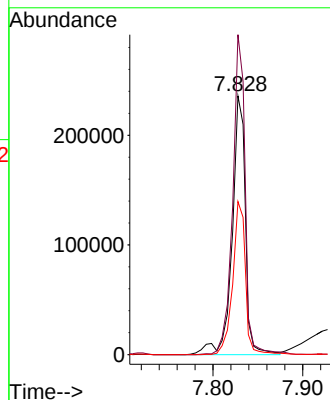
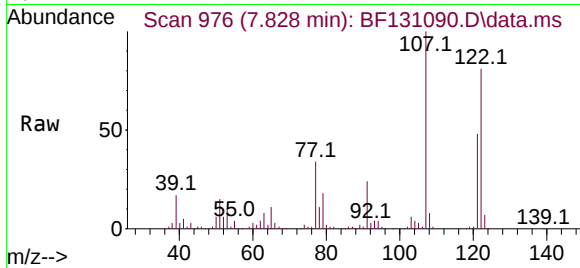
PB148687BS

Tgt Ion:	122	Resp:	24354
Ion Ratio	Lower	Upper	
122	100		
107	123.8	99.8	149.6
121	59.2	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.366 ng

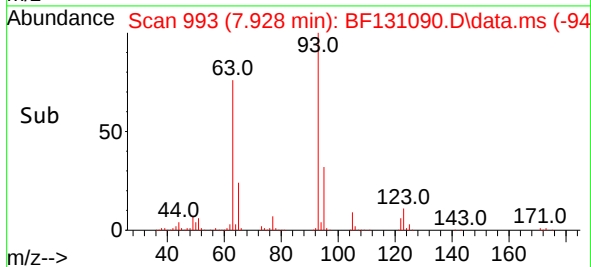
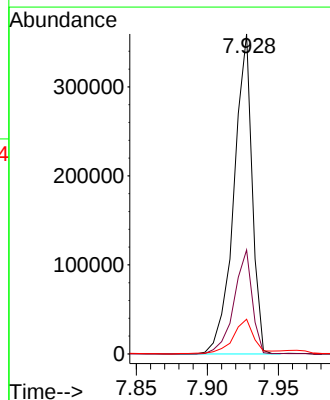
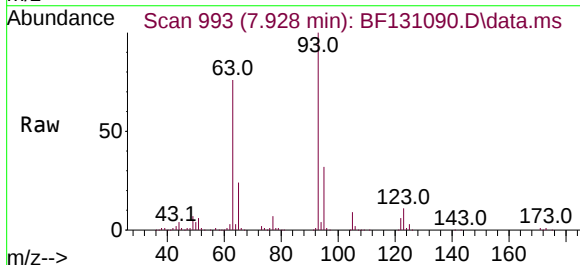
RT: 7.928 min Scan# 993

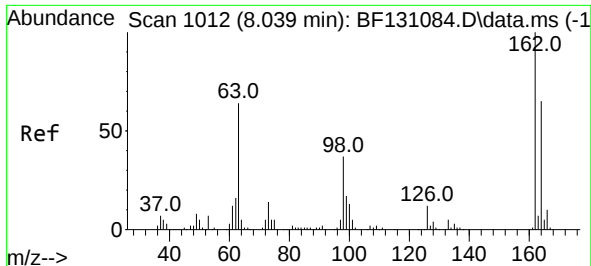
Delta R.T. -0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Tgt Ion:	93	Resp:	319872
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	10.8	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 42.803 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

Tgt Ion:162 Resp: 227656

Ion Ratio Lower Upper

162 100

164 63.3 45.0 85.0

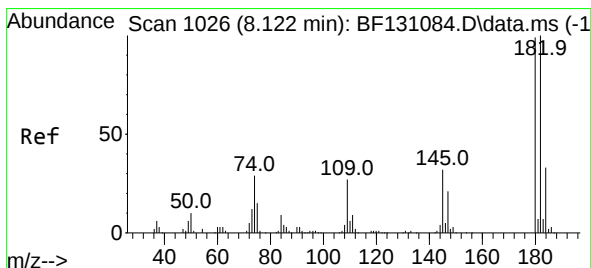
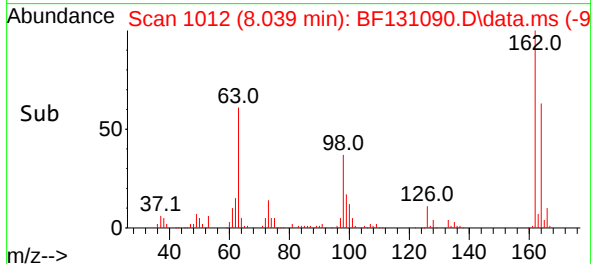
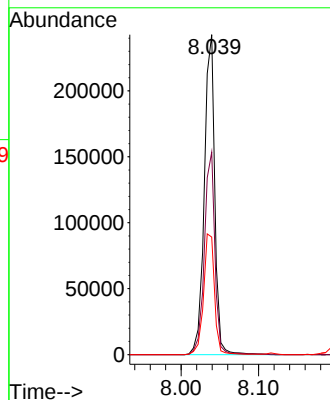
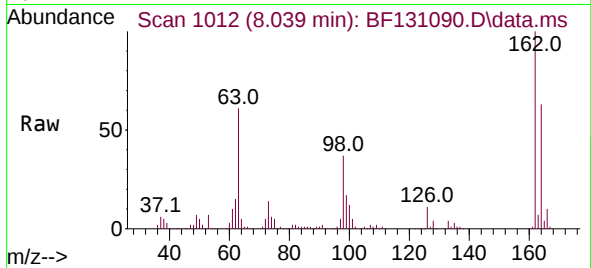
98 36.7 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/10/2022

Supervised By :Jagrut Upadhyay 11/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.080 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

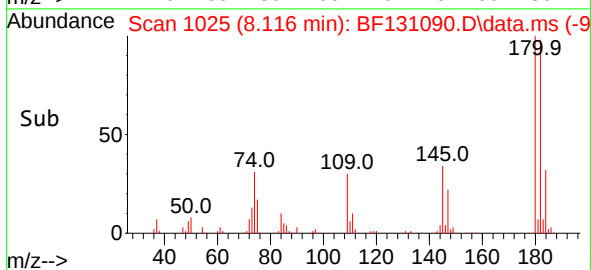
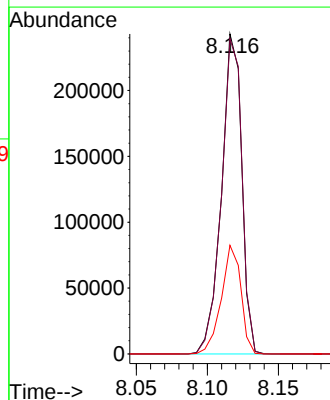
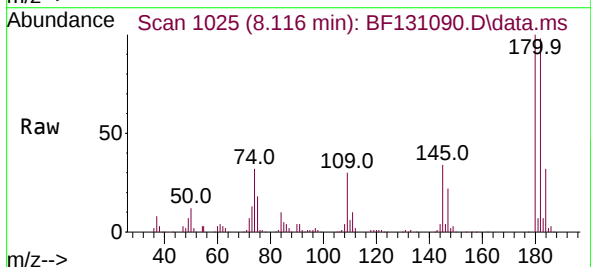
Tgt Ion:180 Resp: 241348

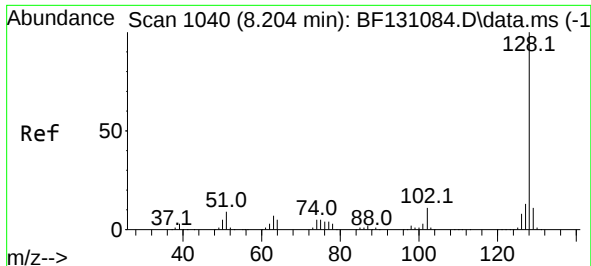
Ion Ratio Lower Upper

180 100

182 98.5 81.0 121.4

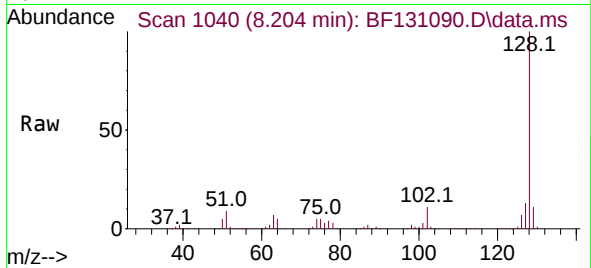
145 33.9 26.2 39.2





#31
Naphthalene
Concen: 41.367 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

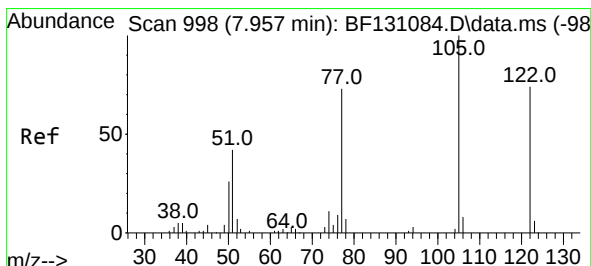
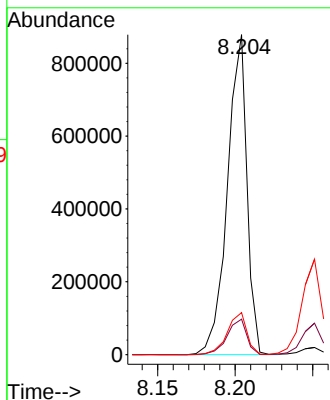
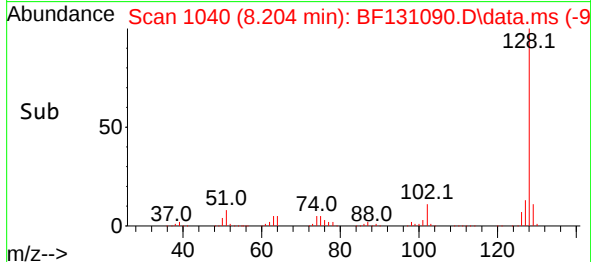
Instrument :
BNA_F
ClientSampleId :
PB148687BS



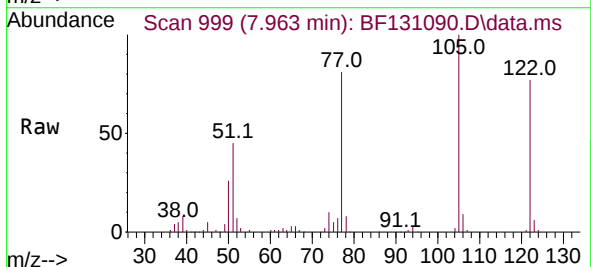
Tgt Ion:128 Resp: 769713
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.8 16.2

Manual Integrations
APPROVED

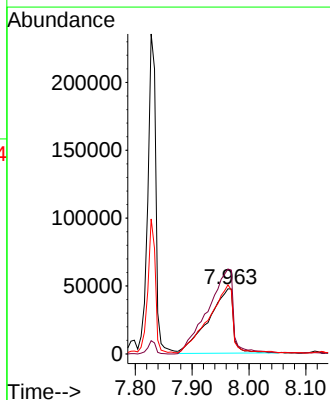
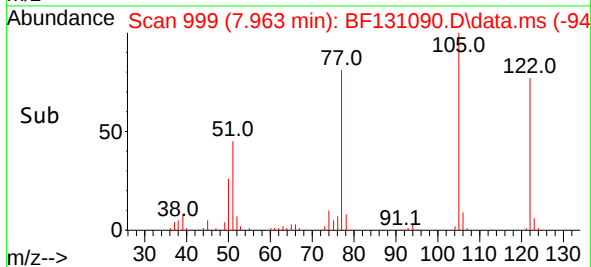
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

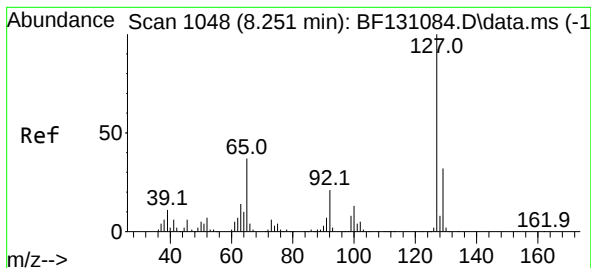


#32
Benzoic acid
Concen: 42.870 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion:122 Resp: 147198
Ion Ratio Lower Upper
122 100
105 130.6 113.0 153.0
77 106.3 78.7 118.7





#33

4-Chloroaniline

Concen: 34.886 ng

RT: 8.251 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

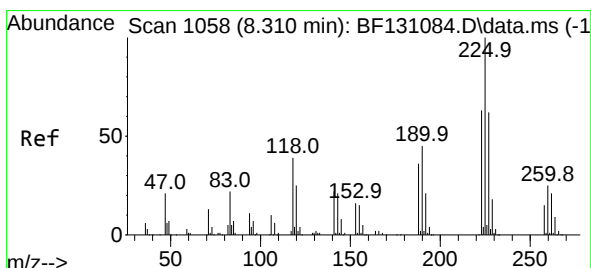
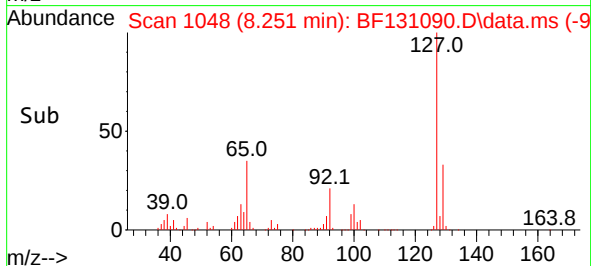
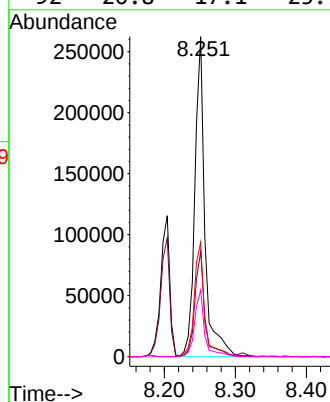
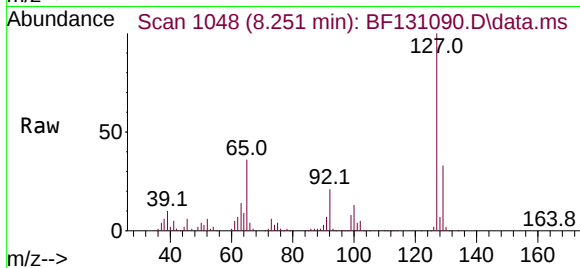
PB148687BS

Tgt Ion:	127	Resp:	26028
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.8	38.6
65	35.7	29.6	44.4
92	20.8	17.1	25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#34

Hexachlorobutadiene

Concen: 40.841 ng

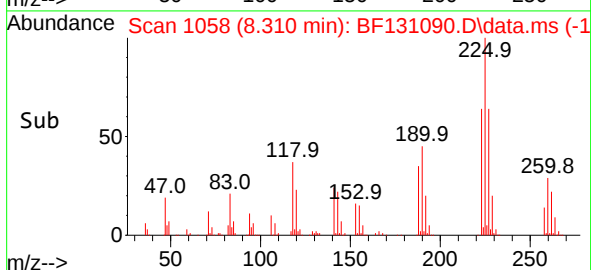
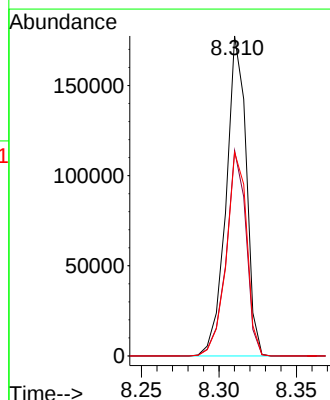
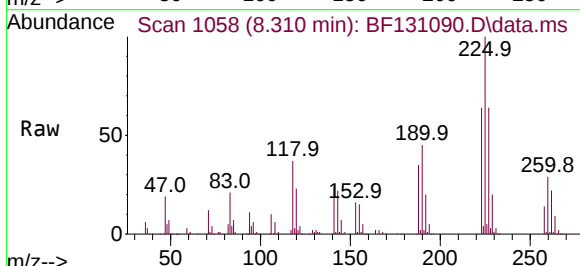
RT: 8.310 min Scan# 1058

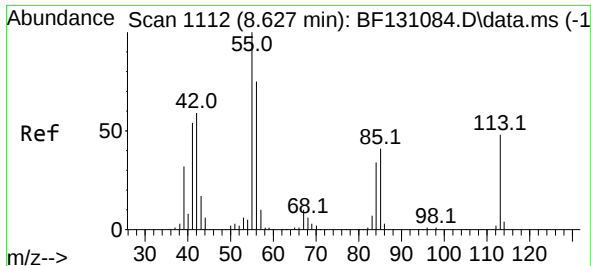
Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

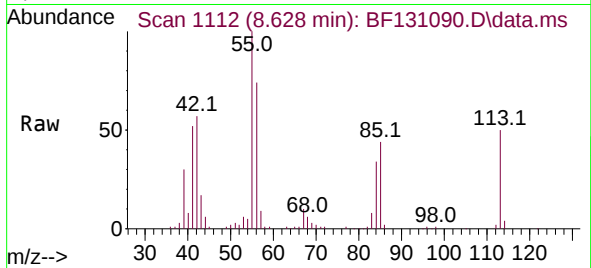
Tgt Ion:	225	Resp:	160056
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.2	75.2
227	63.6	49.9	74.9





#35
Caprolactam
Concen: 45.275 ng m
RT: 8.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

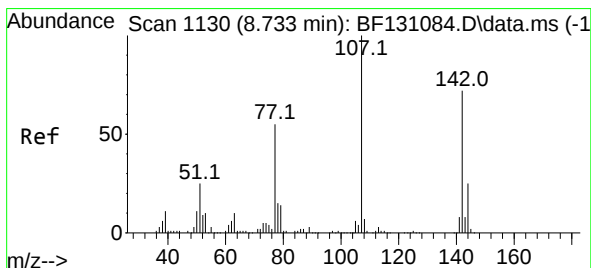
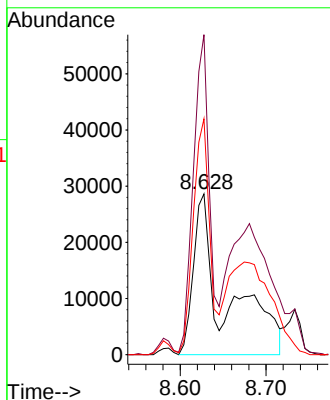
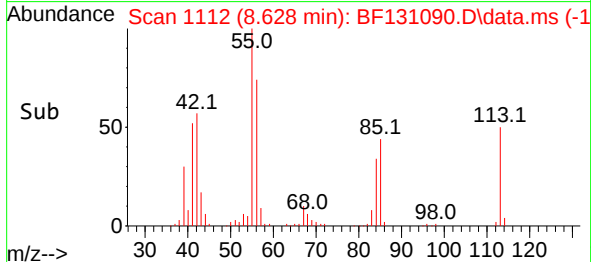
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion:113 Resp: 73820
Ion Ratio Lower Upper
113 100
55 199.2 189.1 229.1
56 146.8 137.1 177.1

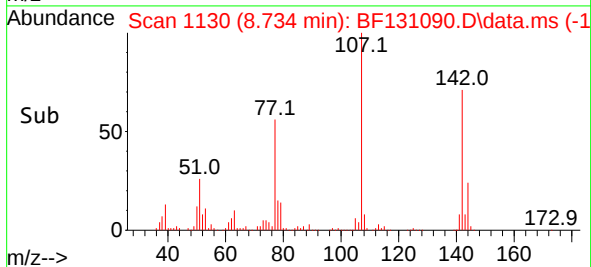
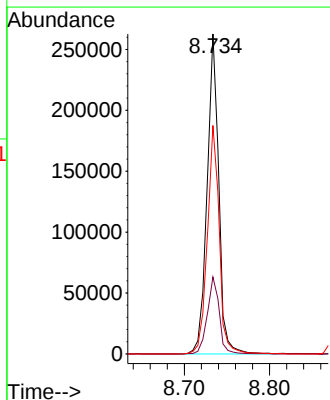
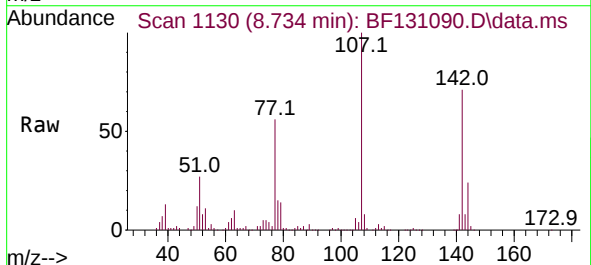
Manual Integrations
APPROVED

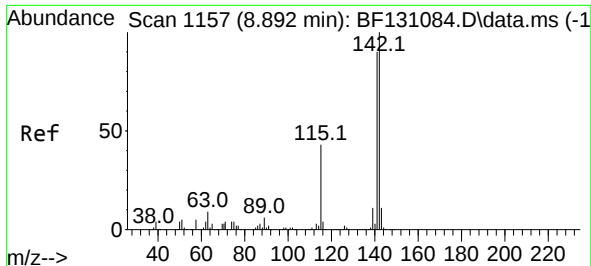
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#36
4-Chloro-3-methylphenol
Concen: 42.445 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:107 Resp: 249818
Ion Ratio Lower Upper
107 100
144 24.0 20.0 30.0
142 71.4 57.6 86.4





#37
2-Methylnaphthalene
Concen: 40.031 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

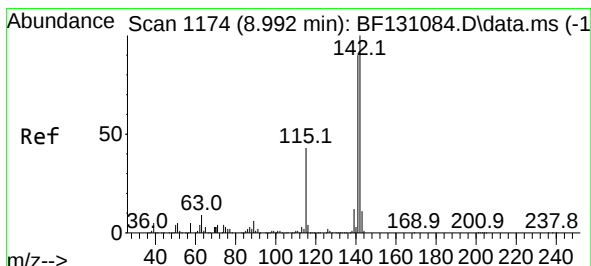
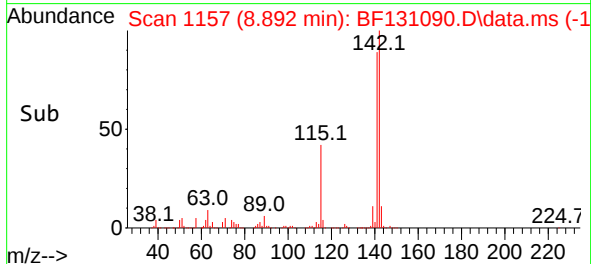
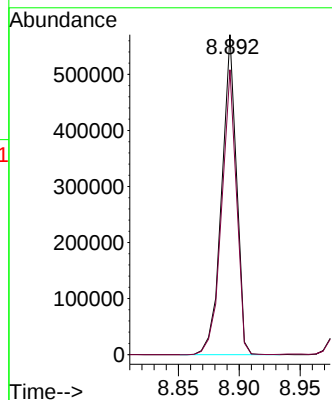
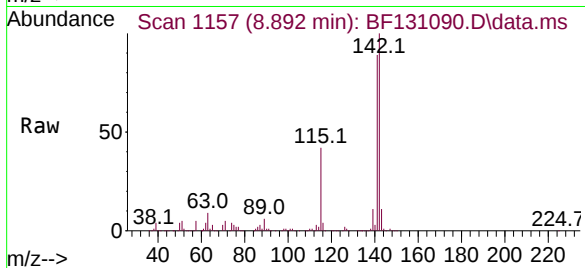
PB148687BS

Tgt Ion:142 Resp: 480143
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0

Manual Integrations

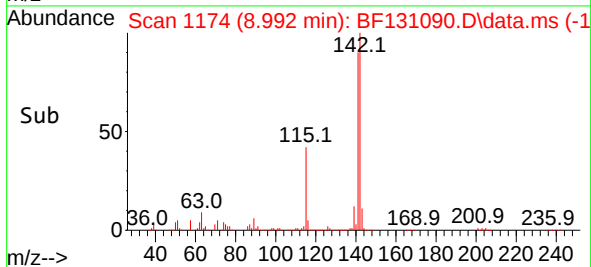
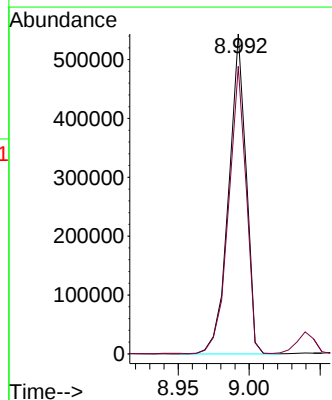
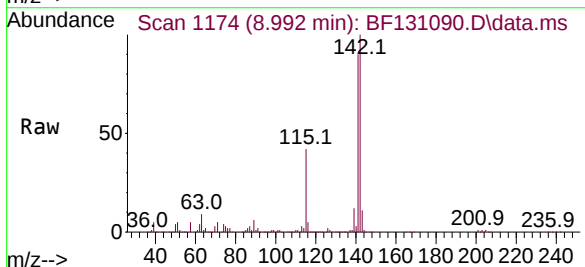
APPROVED

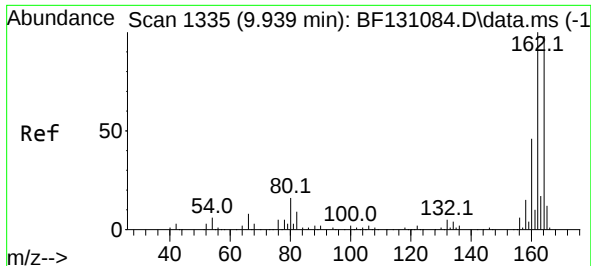
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#38
1-Methylnaphthalene
Concen: 39.419 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

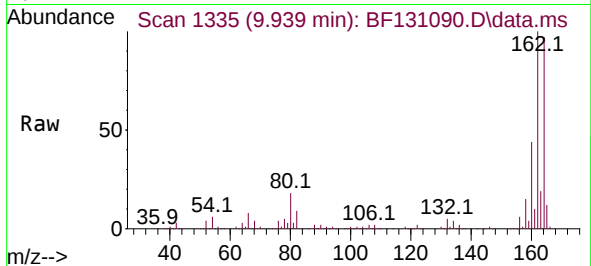
Tgt Ion:142 Resp: 463030
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

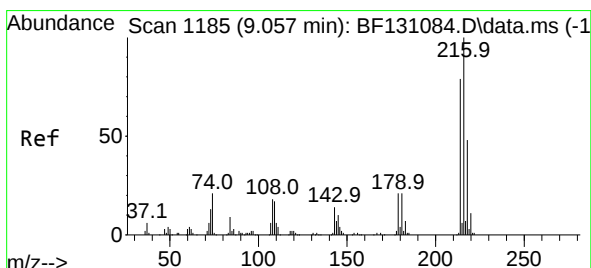
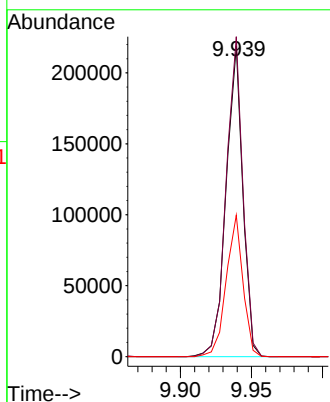
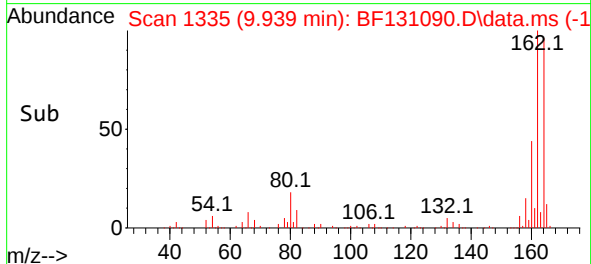
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion:164 Resp: 179661
Ion Ratio Lower Upper
164 100
162 103.1 81.7 122.5
160 45.6 37.4 56.2

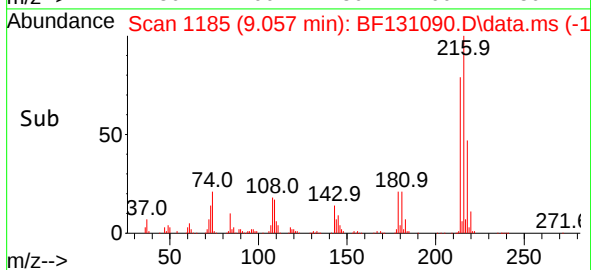
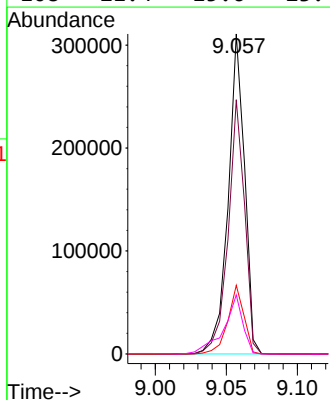
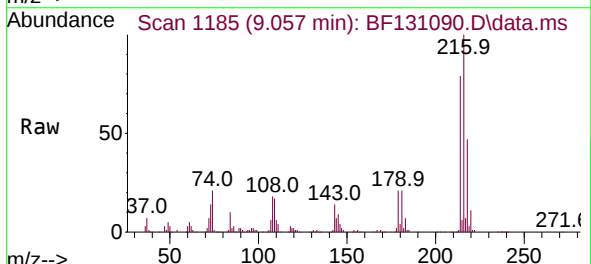
Manual Integrations
APPROVED

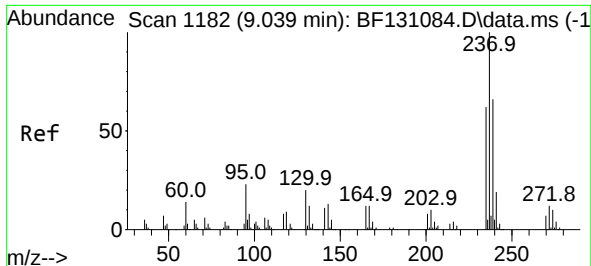
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.553 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

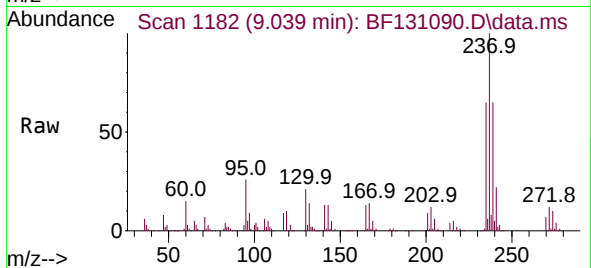
Tgt Ion:216 Resp: 249648
Ion Ratio Lower Upper
216 100
214 79.1 62.5 93.7
179 21.0 16.7 25.1
108 21.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 116.969 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

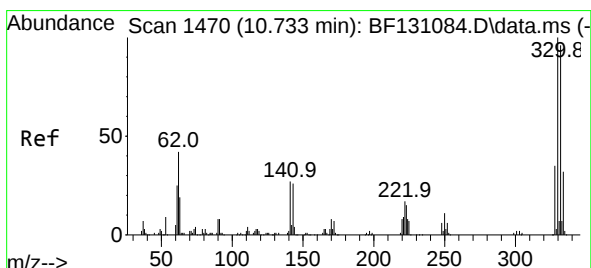
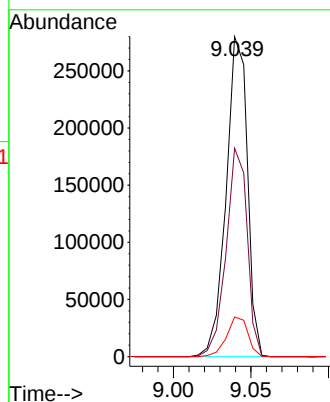
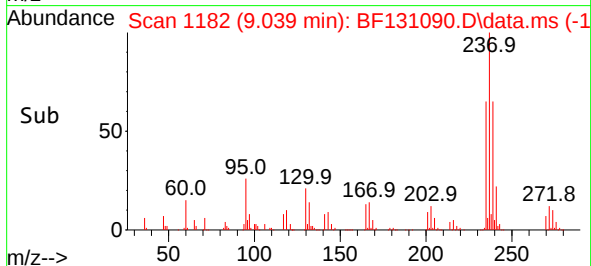
Instrument :
BNA_F
ClientSampleId :
PB148687BS



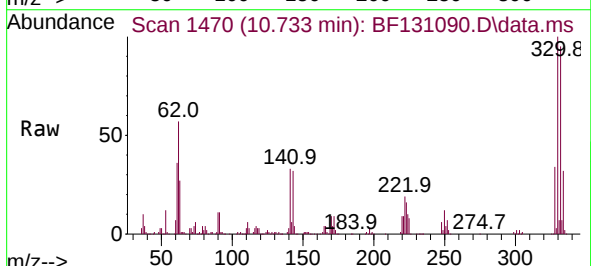
Tgt Ion:237 Resp: 267753
Ion Ratio Lower Upper
237 100
235 65.1 42.4 82.4
272 12.4 0.0 32.4

Manual Integrations
APPROVED

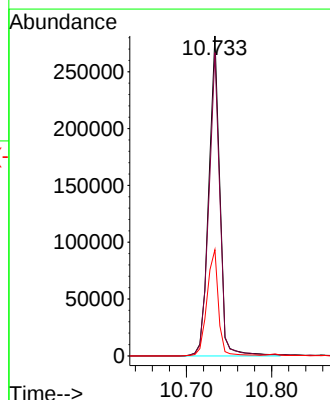
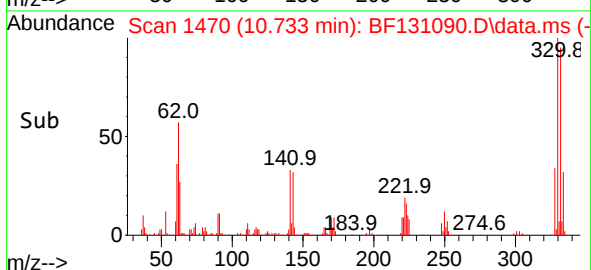
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

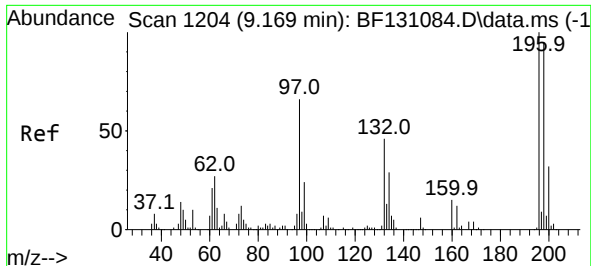


#42
2,4,6-Tribromophenol
Concen: 136.811 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



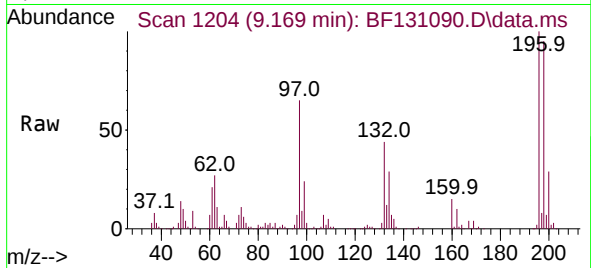
Tgt Ion:330 Resp: 254023
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 34.4 28.5 42.7





#43
2,4,6-Trichlorophenol
Concen: 42.586 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

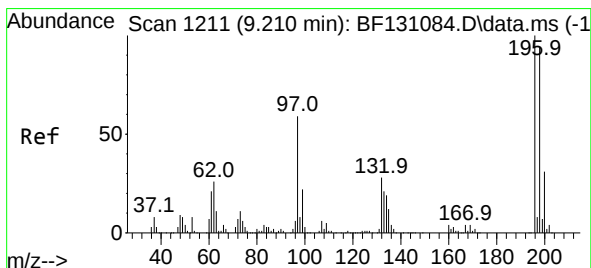
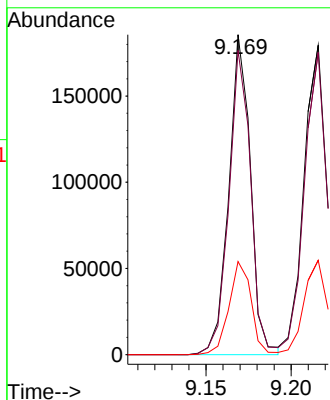
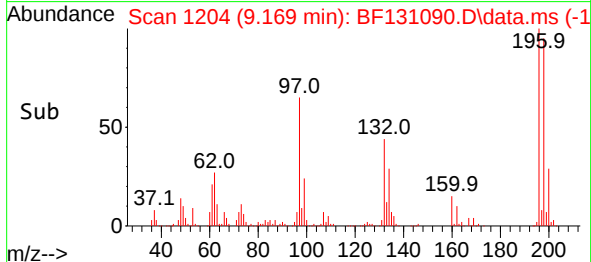
Instrument :
BNA_F
ClientSampleId :
PB148687BS



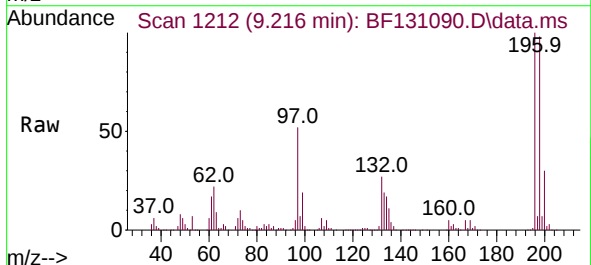
Tgt Ion:196 Resp: 163964
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.4
200 29.1 25.3 37.9

Manual Integrations
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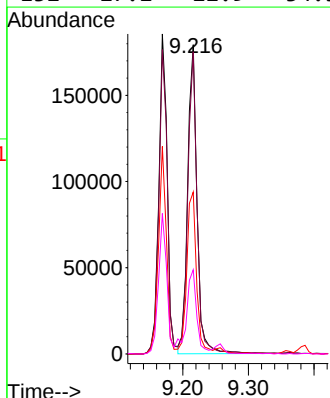
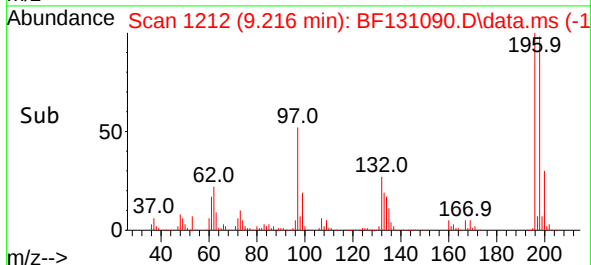
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

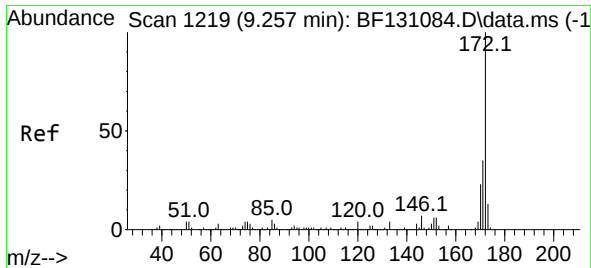


#44
2,4,5-Trichlorophenol
Concen: 41.615 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



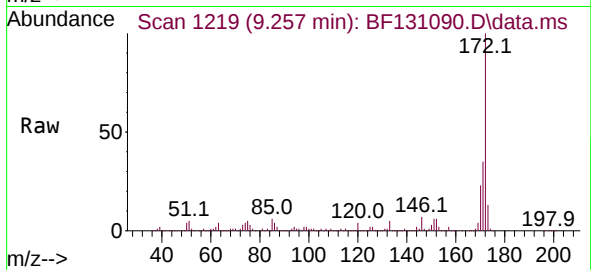
Tgt Ion:196 Resp: 179263
Ion Ratio Lower Upper
196 100
198 97.8 75.7 113.5
97 52.3 47.5 71.3
132 27.2 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 79.648 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

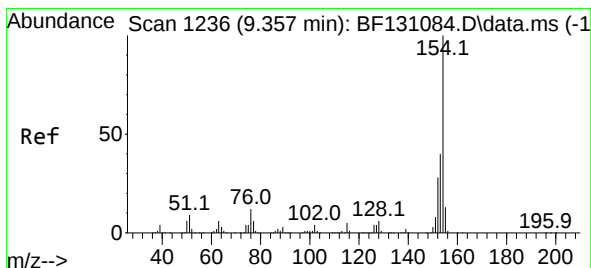
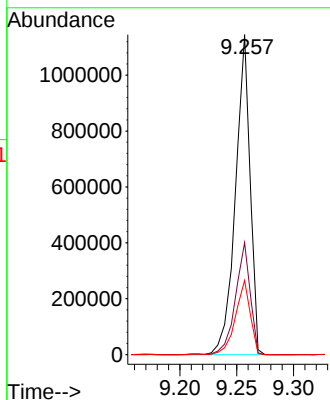
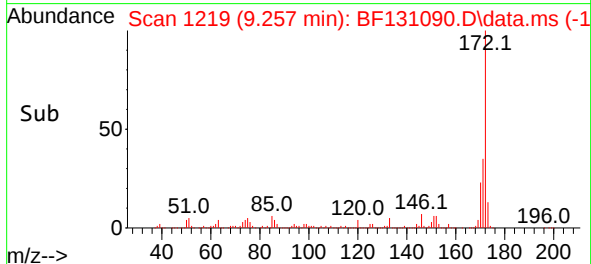
Instrument :
BNA_F
ClientSampleId :
PB148687BS



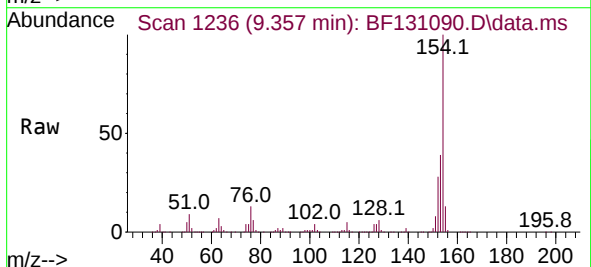
Tgt Ion:172 Resp: 1025062
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.2 18.8 28.2

Manual Integrations
APPROVED

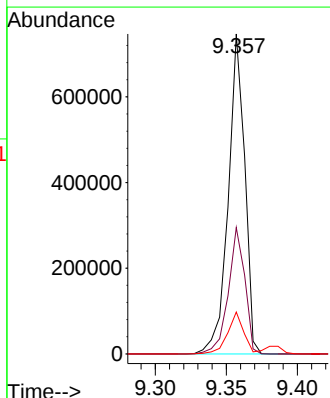
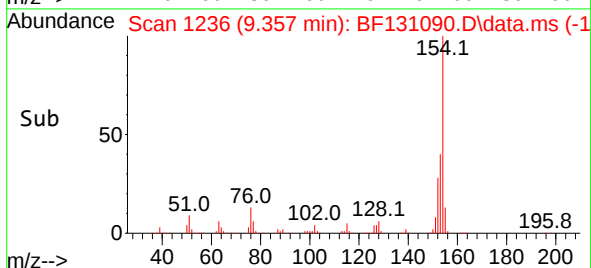
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

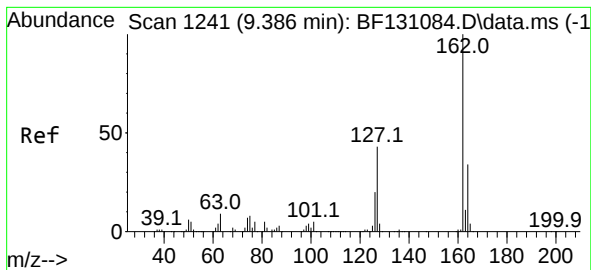


#46
1,1'-Biphenyl
Concen: 43.456 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



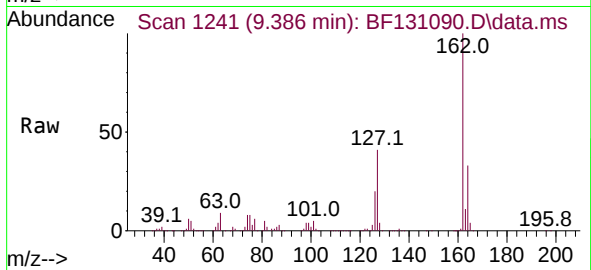
Tgt Ion:154 Resp: 603653
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 13.1 0.0 32.5





#47
2-Chloronaphthalene
Concen: 42.043 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

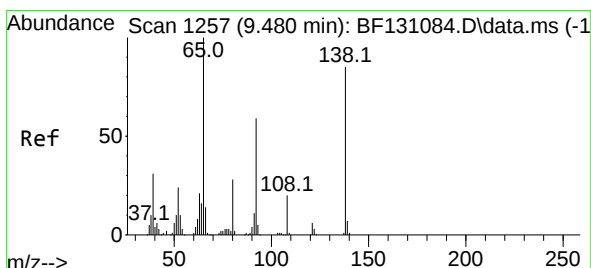
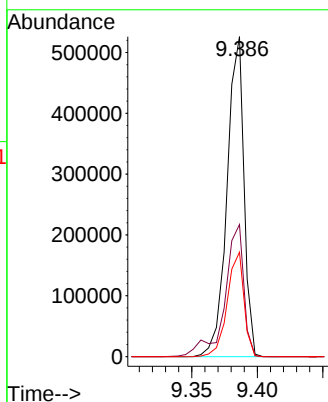
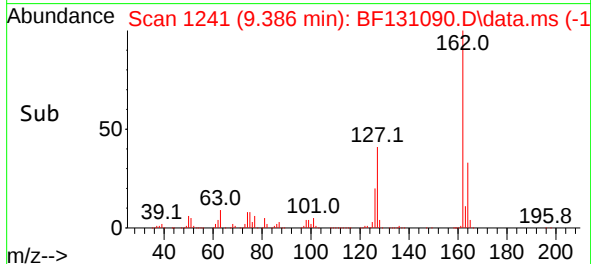
Instrument :
BNA_F
ClientSampleId :
PB148687BS



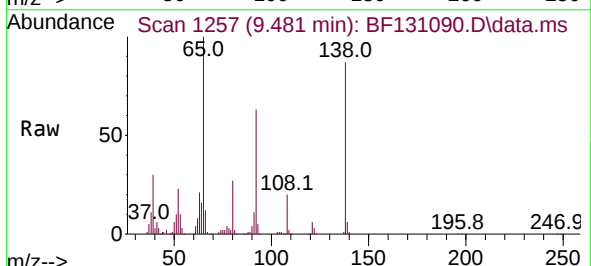
Tgt Ion: 162 Resp: 473927
Ion Ratio Lower Upper
162 100
127 41.3 34.4 51.6
164 32.6 26.9 40.3

Manual Integrations
APPROVED

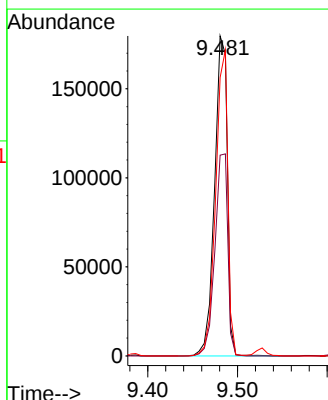
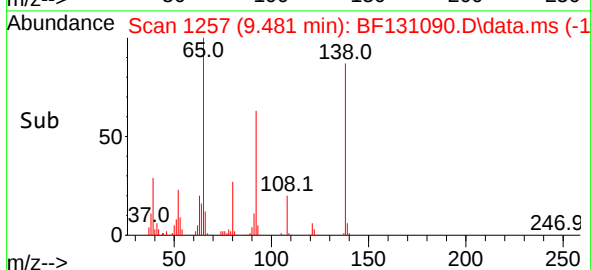
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

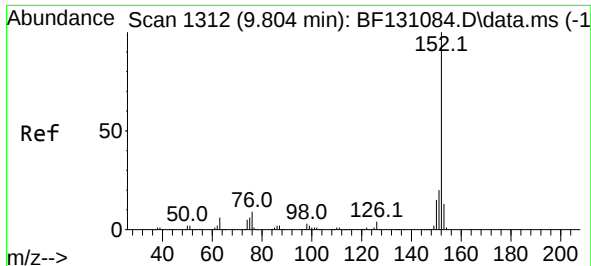


#48
2-Nitroaniline
Concen: 43.395 ng
RT: 9.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion: 65 Resp: 178029
Ion Ratio Lower Upper
65 100
92 62.7 47.5 71.3
138 87.0 67.8 101.8





#49

Acenaphthylene

Concen: 41.973 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

Tgt Ion:152 Resp: 722962

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

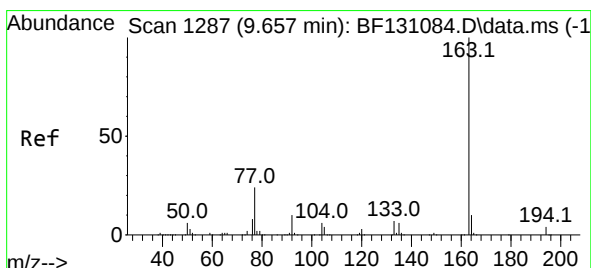
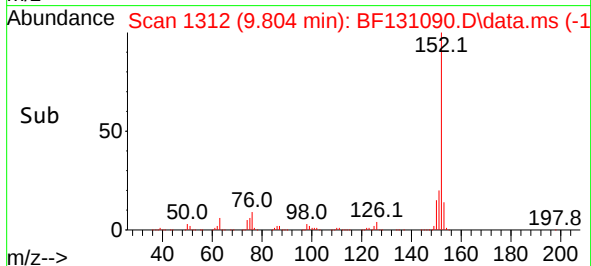
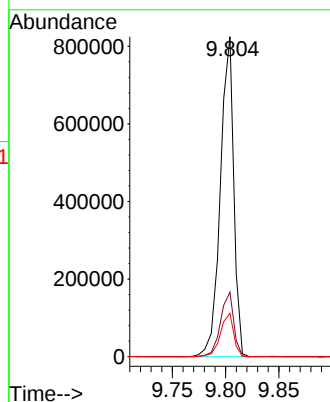
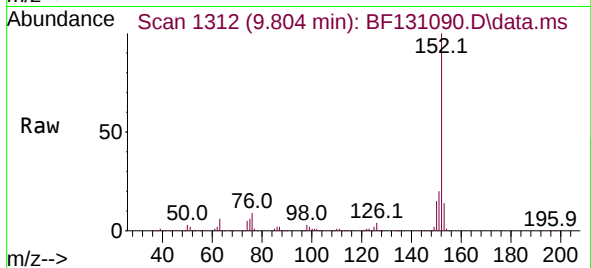
153 13.5 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/10/2022

Supervised By :Jagrut Upadhyay 11/10/2022



#50

Dimethylphthalate

Concen: 42.674 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

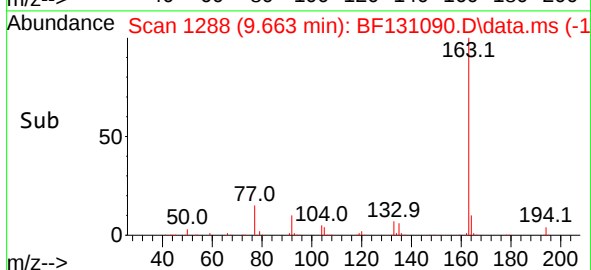
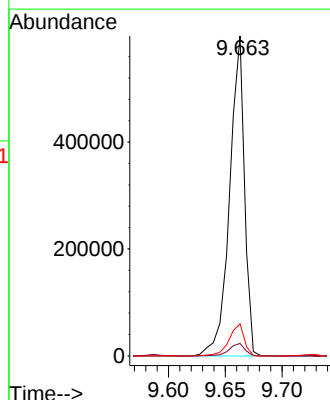
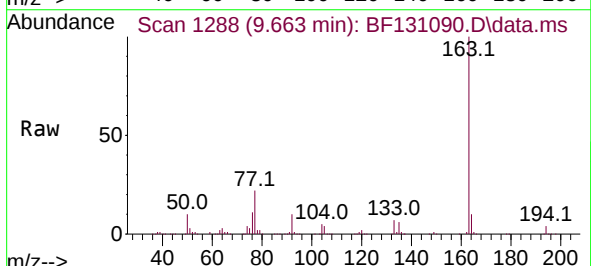
Tgt Ion:163 Resp: 545371

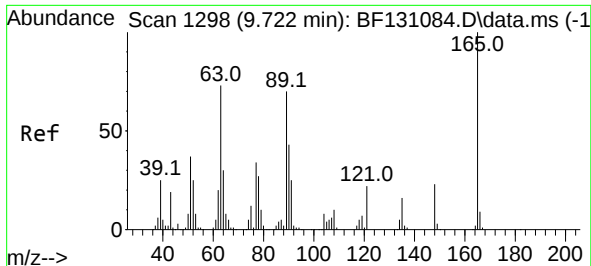
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.229 ng
RT: 9.728 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

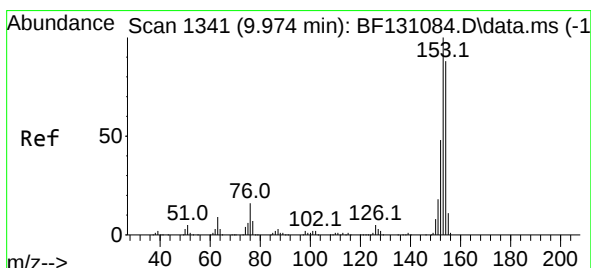
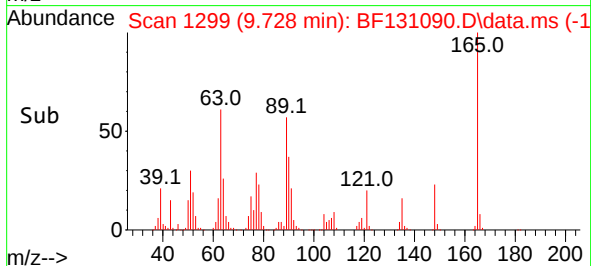
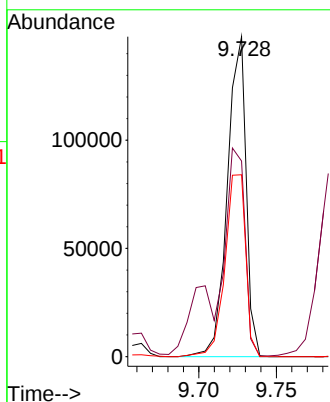
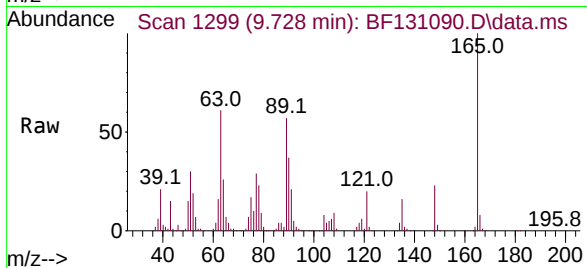
PB148687BS

Tgt Ion:165 Resp: 124221
Ion Ratio Lower Upper
165 100
63 61.1 61.4 92.2
89 56.8 56.0 84.0

Manual Integrations

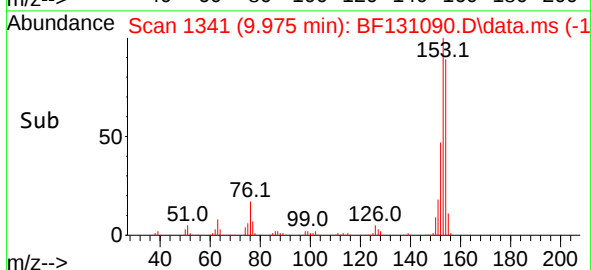
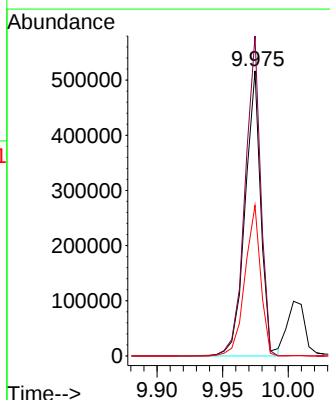
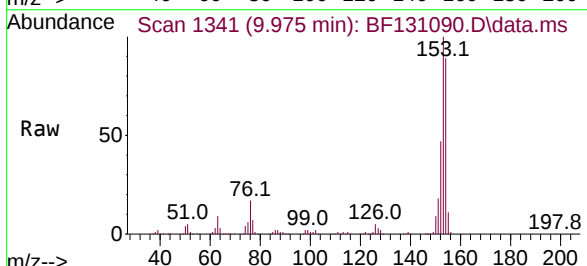
APPROVED

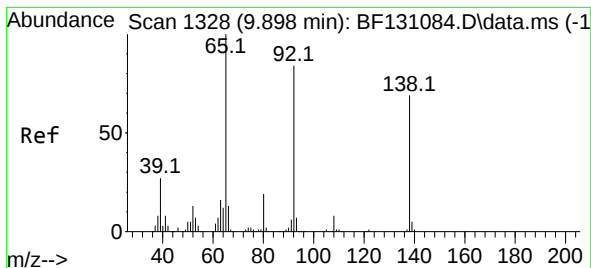
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#52
Acenaphthene
Concen: 41.803 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

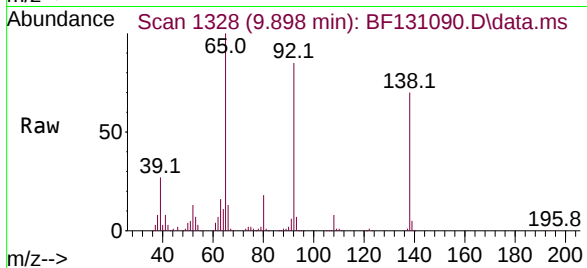
Tgt Ion:154 Resp: 429502
Ion Ratio Lower Upper
154 100
153 112.3 90.8 136.2
152 52.8 43.4 65.2





#53
3-Nitroaniline
Concen: 33.764 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

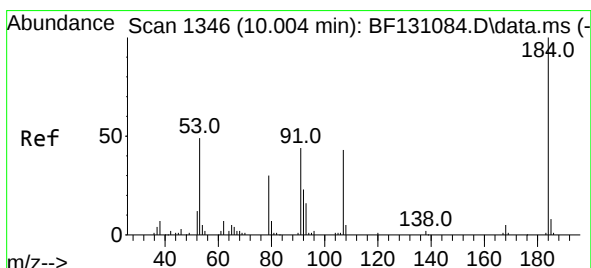
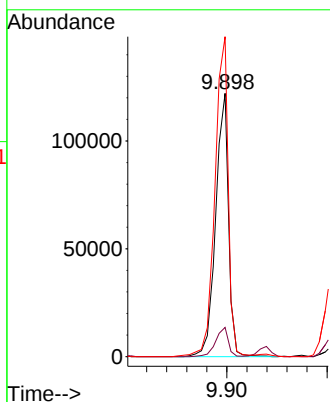
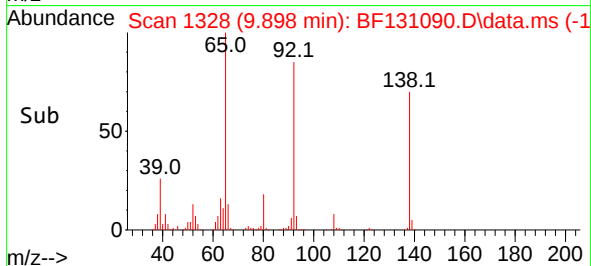
Instrument :
BNA_F
ClientSampleId :
PB148687BS



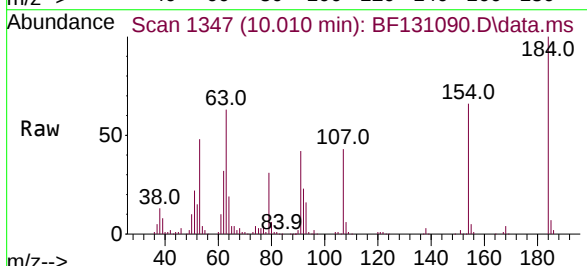
Tgt Ion:138 Resp: 108418
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 121.5 96.6 145.0

Manual Integrations
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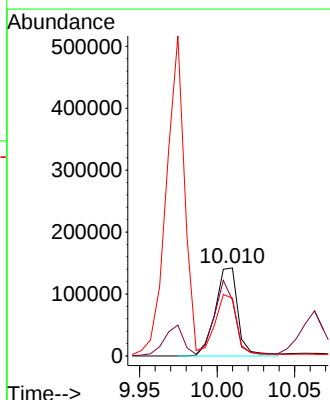
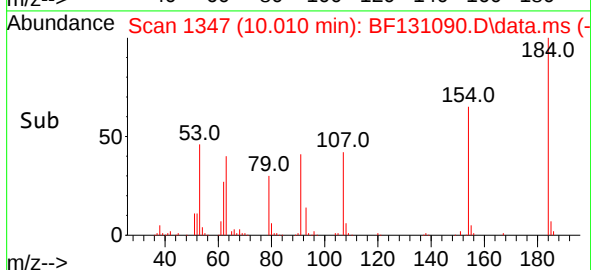
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

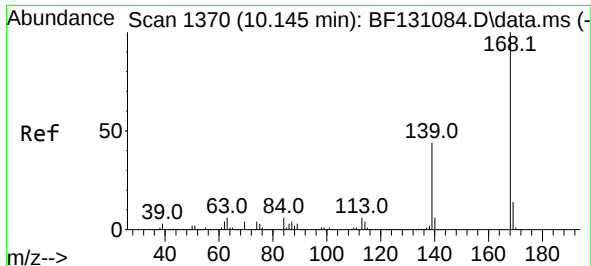


#54
2,4-Dinitrophenol
Concen: 98.351 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



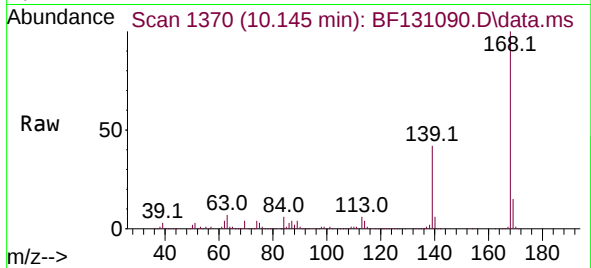
Tgt Ion:184 Resp: 144987
Ion Ratio Lower Upper
184 100
63 63.4 53.3 79.9
154 65.6 55.5 83.3





#55
Dibenzenofuran
Concen: 42.651 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

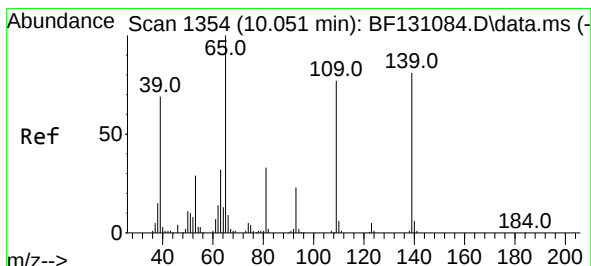
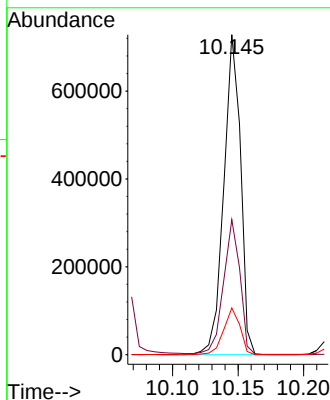
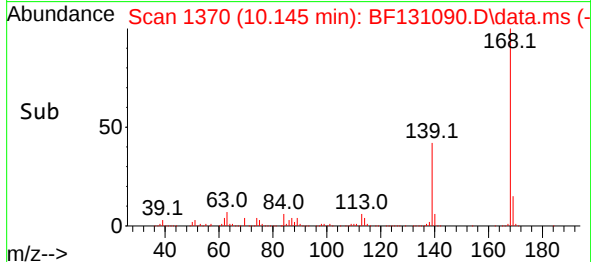
Instrument :
BNA_F
ClientSampleId :
PB148687BS



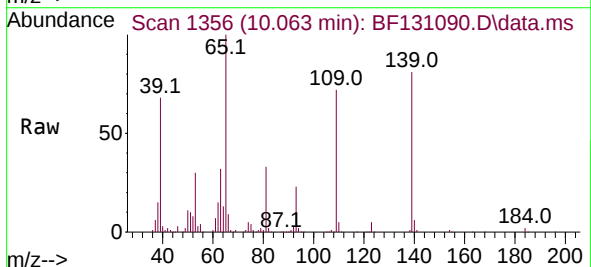
Tgt Ion:168 Resp: 648970
Ion Ratio Lower Upper
168 100
139 42.2 35.0 52.4
169 14.6 11.2 16.8

Manual Integrations
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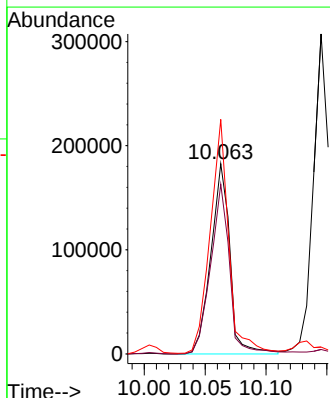
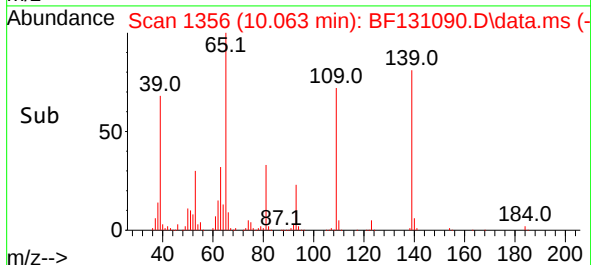
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

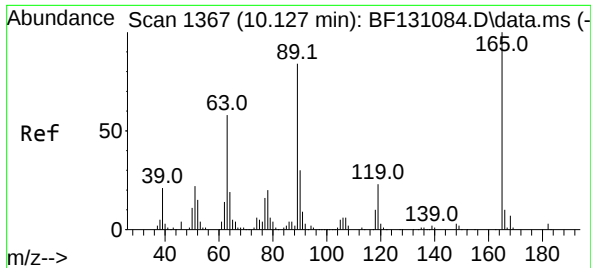


#56
4-Nitrophenol
Concen: 92.735 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion:139 Resp: 198191
Ion Ratio Lower Upper
139 100
109 89.2 75.5 115.5
65 123.3 104.5 144.5





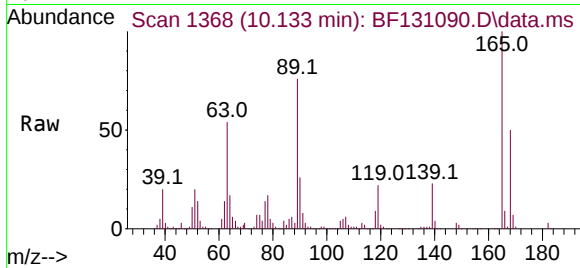
#57
2,4-Dinitrotoluene
Concen: 45.103 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

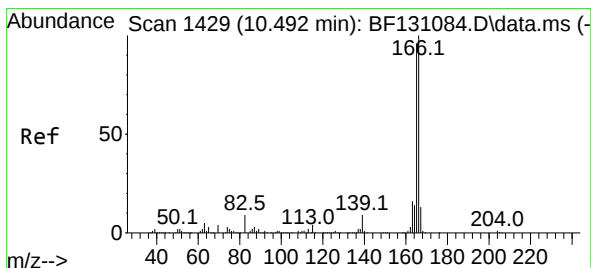
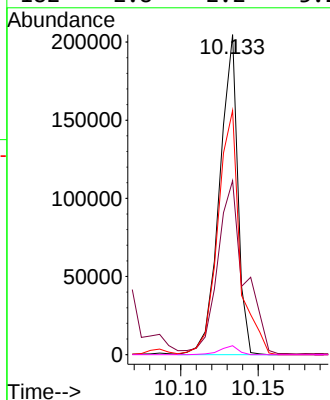
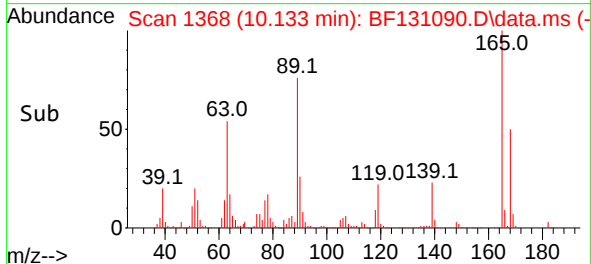


Tgt Ion:165 Resp: 168393
Ion Ratio Lower Upper
165 100
63 54.3 46.9 70.3
89 76.3 66.9 100.3
182 2.8 2.2 3.2

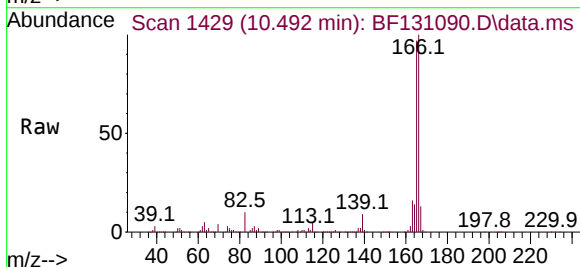
Manual Integrations

APPROVED

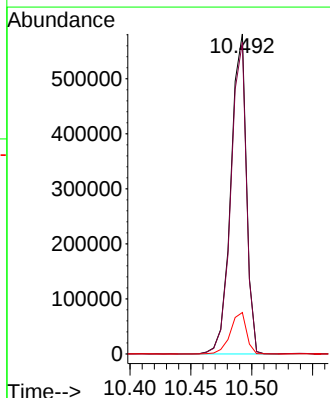
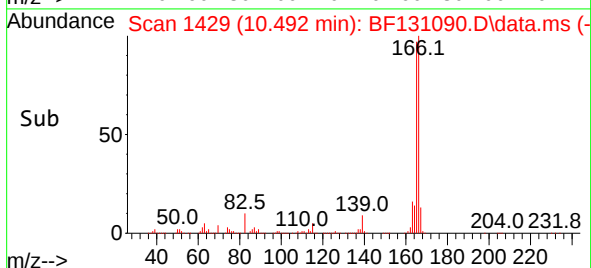
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

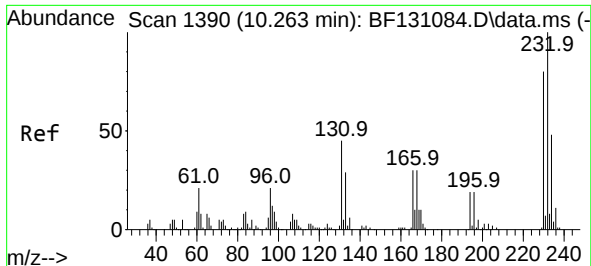


#58
Fluorene
Concen: 41.866 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



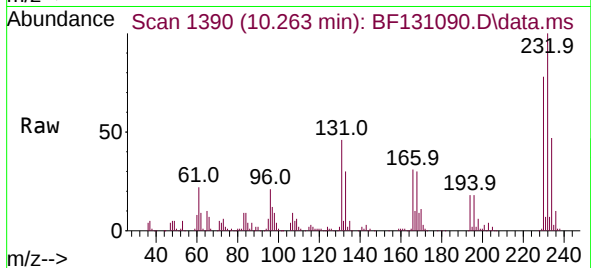
Tgt Ion:166 Resp: 517384
Ion Ratio Lower Upper
166 100
165 97.4 77.2 115.8
167 12.9 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.306 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

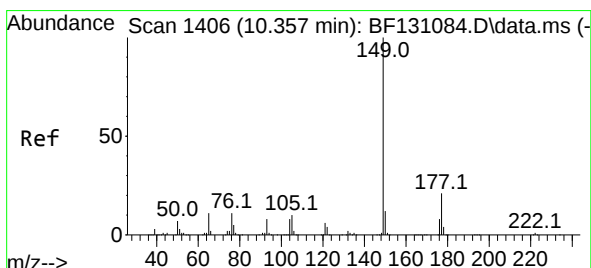
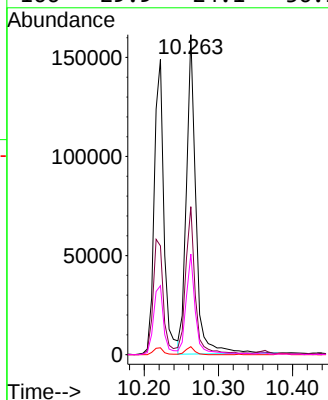
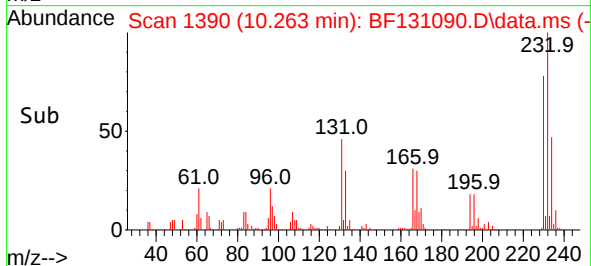
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion:232 Resp: 143443
Ion Ratio Lower Upper
232 100
131 45.5 36.2 54.2
130 2.3 1.9 2.9
166 29.9 24.1 36.1

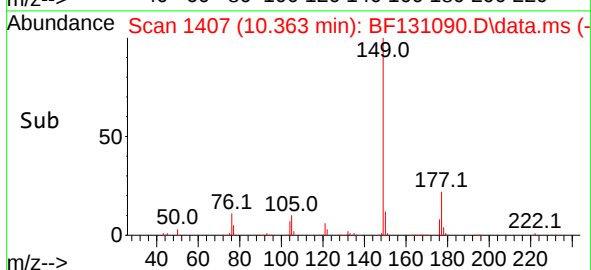
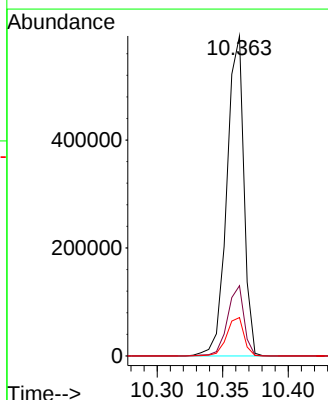
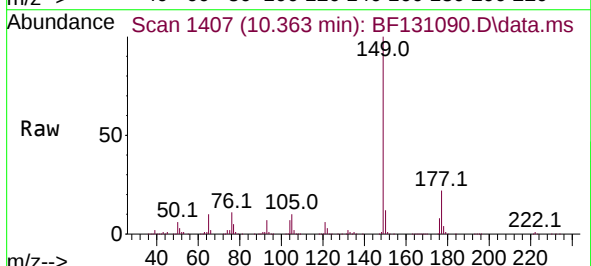
Manual Integrations
APPROVED

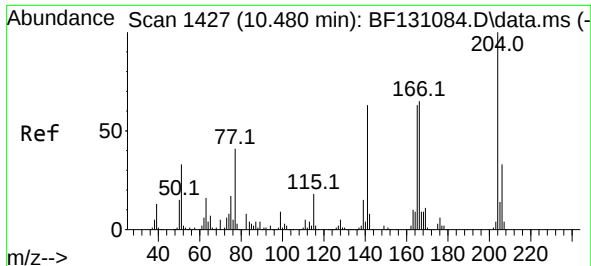
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#60
Diethylphthalate
Concen: 43.588 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

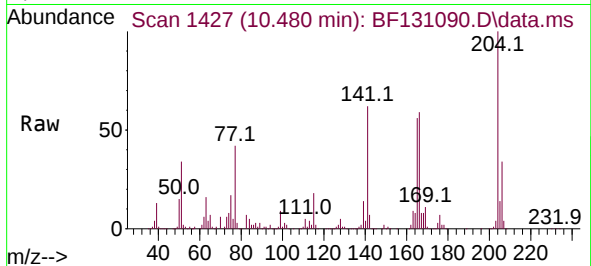
Tgt Ion:149 Resp: 536483
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.0 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.018 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

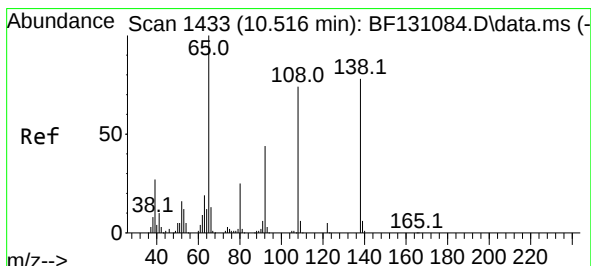
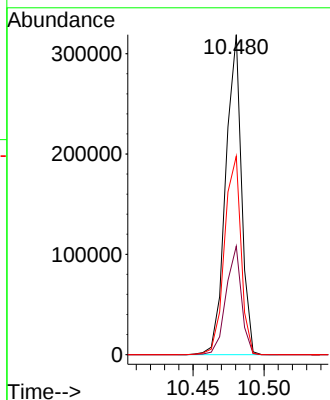
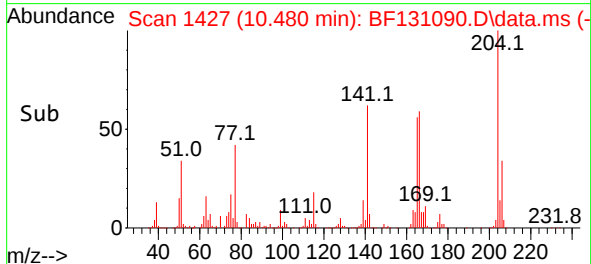
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion:204 Resp: 247408
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 62.0 50.6 75.8

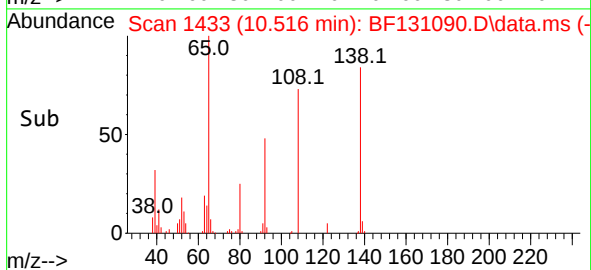
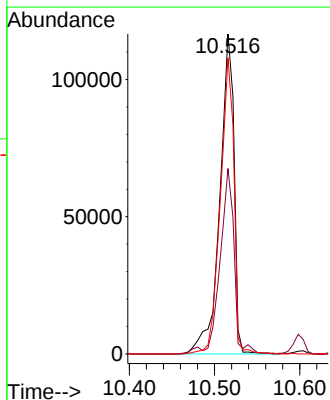
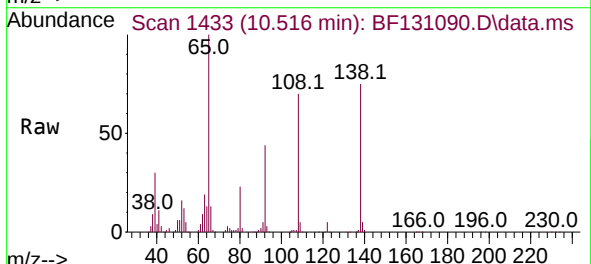
Manual Integrations
APPROVED

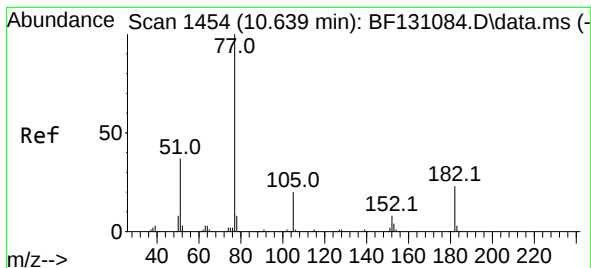
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#62
4-Nitroaniline
Concen: 41.828 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

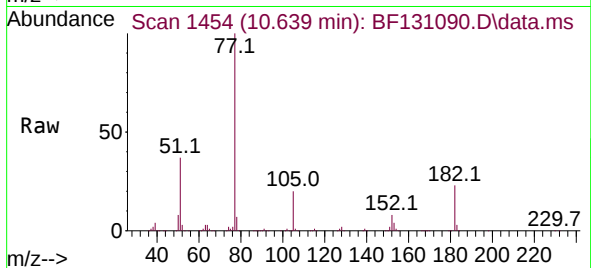
Tgt Ion:138 Resp: 135731
Ion Ratio Lower Upper
138 100
92 57.9 36.0 76.0
108 92.5 75.3 115.3





#63
Azobenzene
Concen: 42.688 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

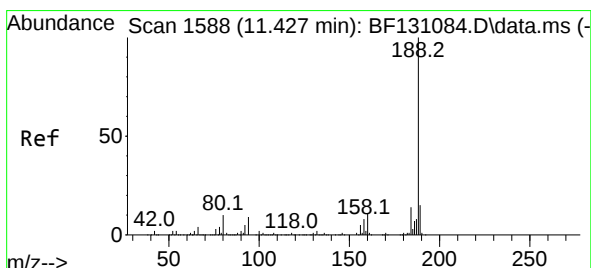
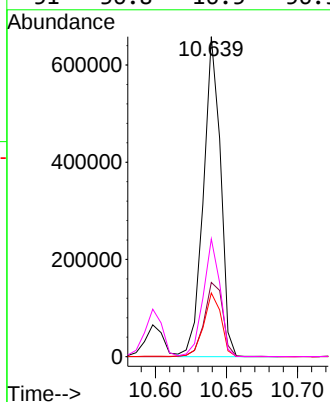
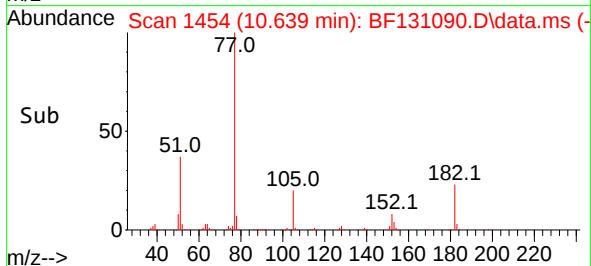
Instrument :
BNA_F
ClientSampleId :
PB148687BS



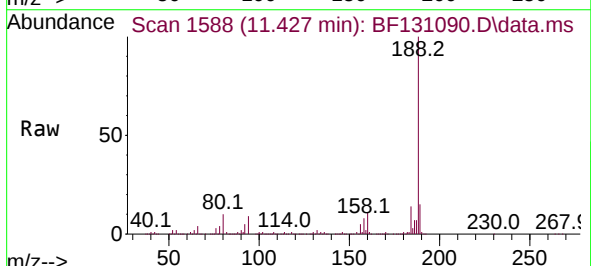
Tgt Ion: 77 Resp: 54993
Ion Ratio Lower Upper
77 100
182 23.2 3.3 43.3
105 19.9 0.0 39.5
51 36.8 16.5 56.5

Manual Integrations
APPROVED

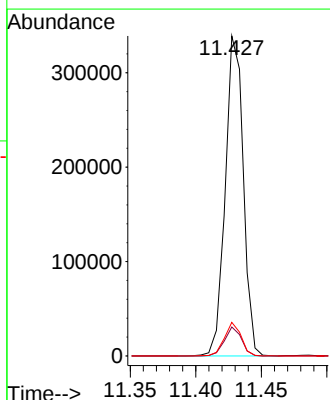
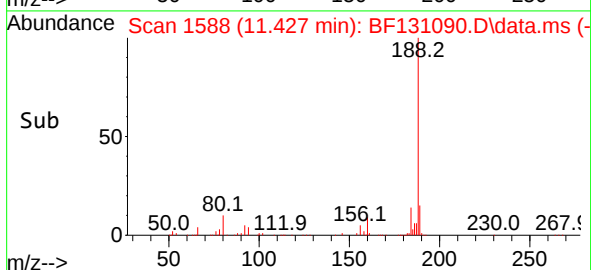
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

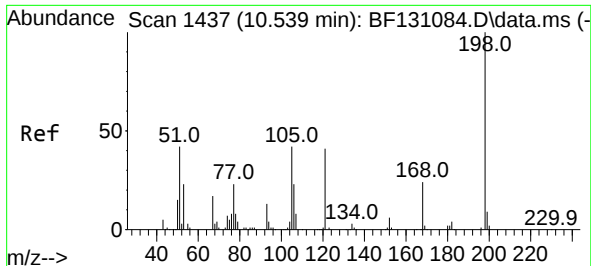


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion:188 Resp: 324878
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.5 7.9 11.9





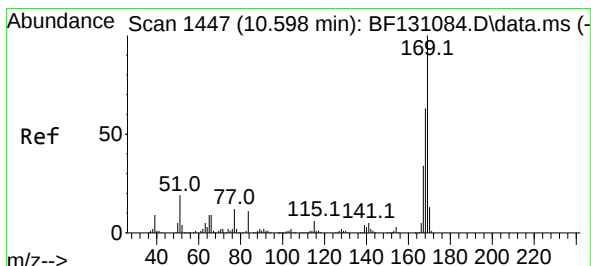
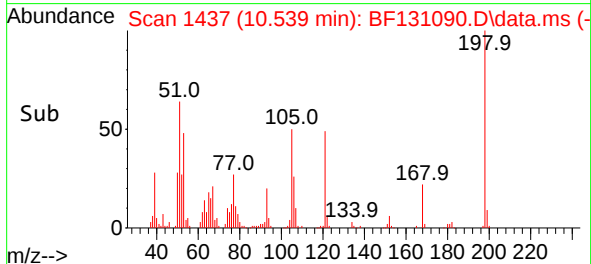
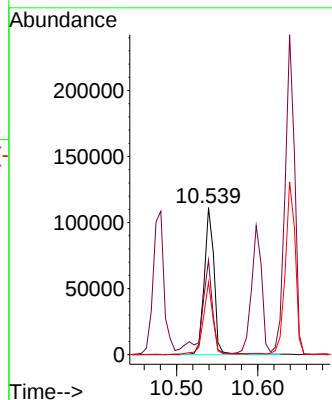
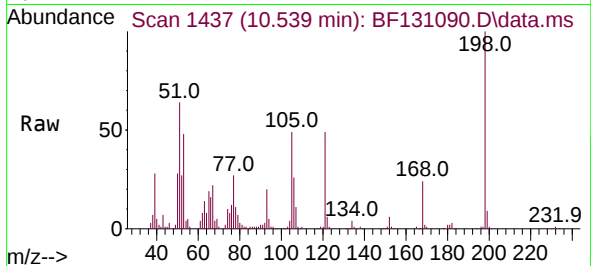
#65
4,6-Dinitro-2-methylphenol
Concen: 44.859 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB148687BS

Tgt Ion:198 Resp: 93701
Ion Ratio Lower Upper
198 100
51 64.3 30.3 70.3
105 49.4 22.7 62.7

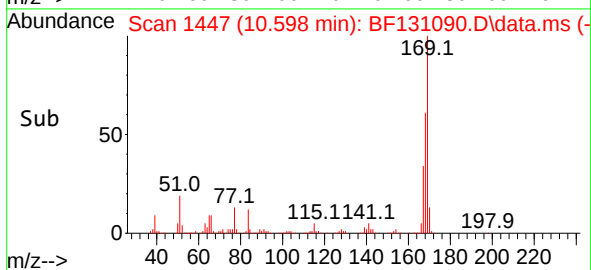
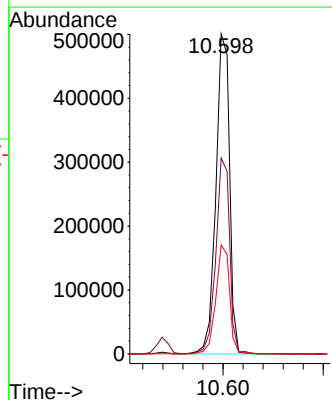
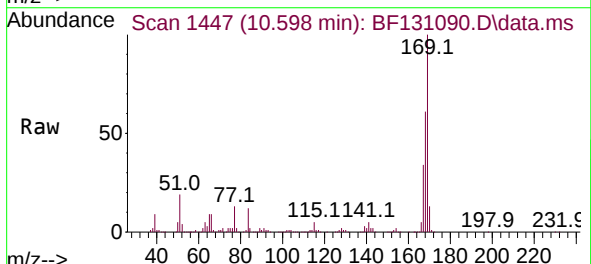
Manual Integrations
APPROVED

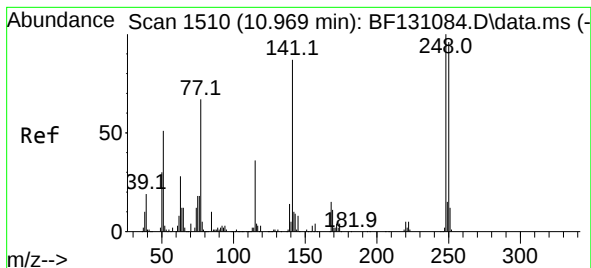
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#66
n-Nitrosodiphenylamine
Concen: 43.329 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:169 Resp: 473234
Ion Ratio Lower Upper
169 100
168 61.2 50.2 75.4
167 34.1 27.3 40.9





#67
4-Bromophenyl-phenylether
Concen: 42.743 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

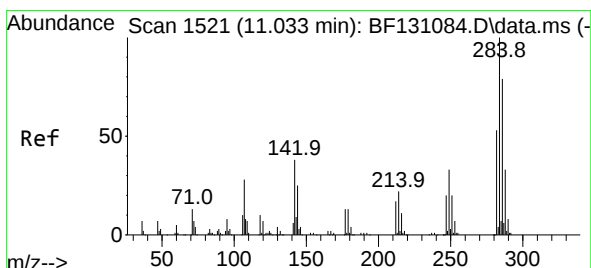
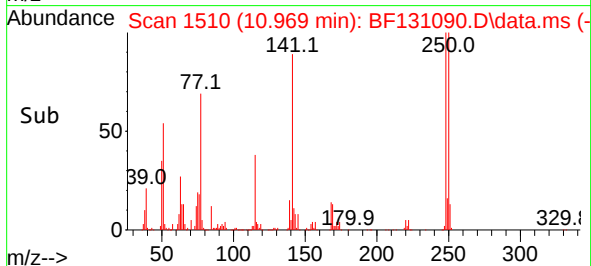
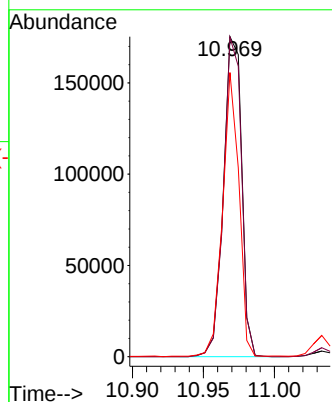
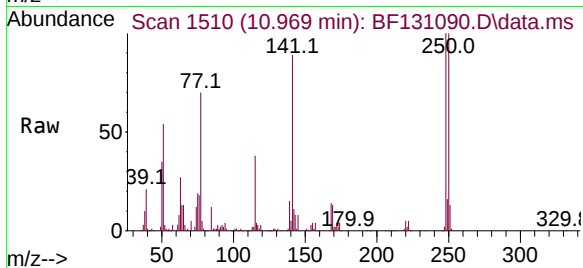
PB148687BS

Tgt Ion:248 Resp: 157021
Ion Ratio Lower Upper
248 100
250 99.8 77.0 115.6
141 88.8 69.7 104.5

Manual Integrations

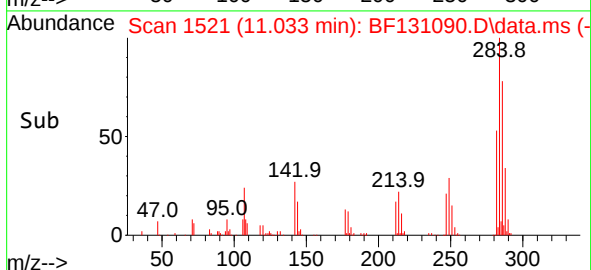
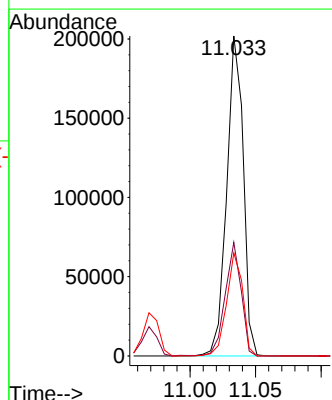
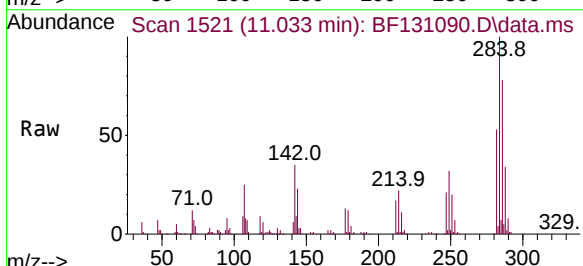
APPROVED

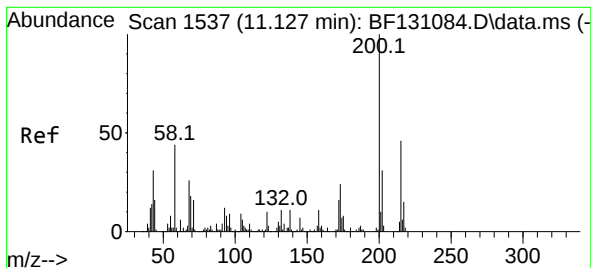
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#68
Hexachlorobenzene
Concen: 43.322 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:284 Resp: 177368
Ion Ratio Lower Upper
284 100
142 35.5 30.7 46.1
249 32.2 26.2 39.2





#69

Atrazine

Concen: 47.800 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

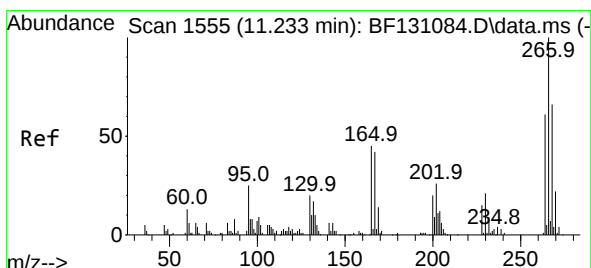
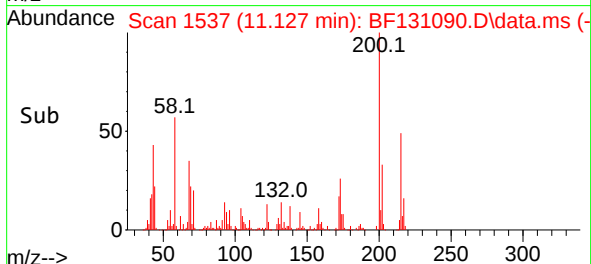
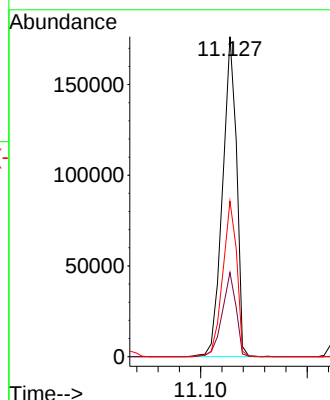
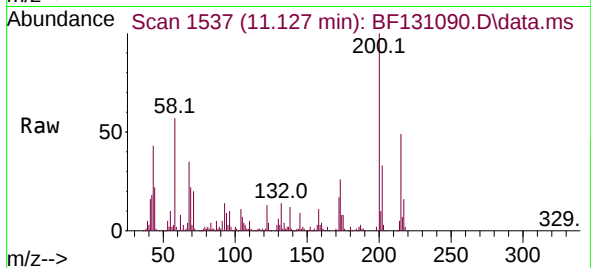
PB148687BS

Tgt Ion:200 Resp: 161613
 Ion Ratio Lower Upper
 200 100
 173 26.3 4.0 44.0
 215 48.6 25.7 65.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/10/2022
 Supervised By :Jagrut Upadhyay 11/10/2022



#70

Pentachlorophenol

Concen: 83.517 ng

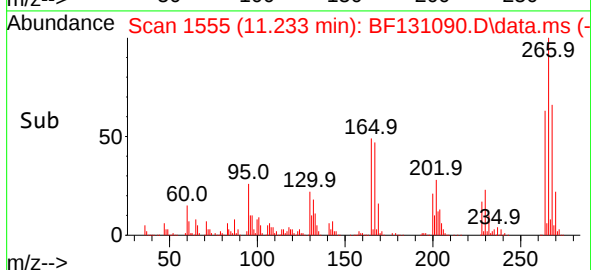
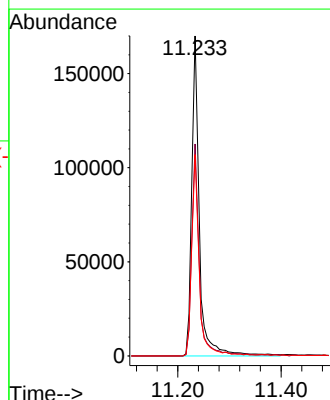
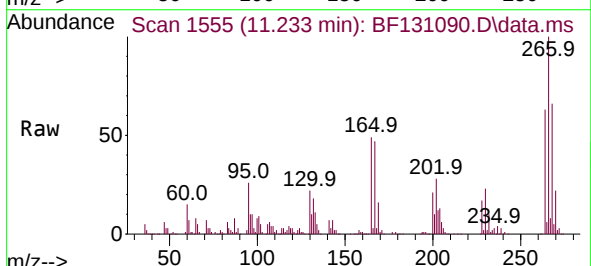
RT: 11.233 min Scan# 1555

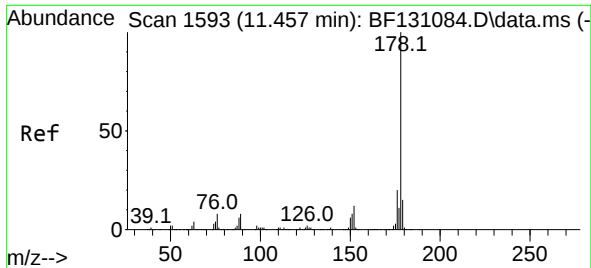
Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Tgt Ion:266 Resp: 174908
 Ion Ratio Lower Upper
 266 100
 268 66.2 52.5 78.7
 264 62.9 48.6 72.8





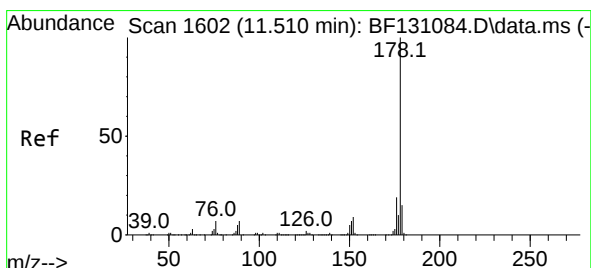
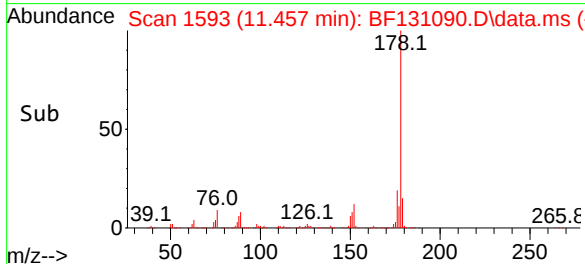
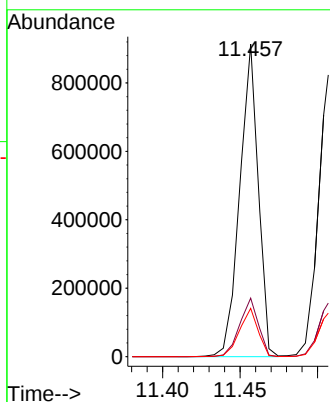
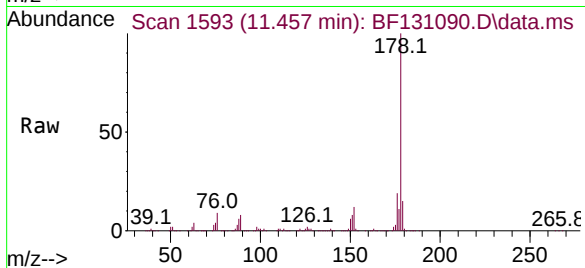
#71
Phenanthrene
Concen: 42.427 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB148687BS

Tgt Ion:178 Resp: 758084
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.4 12.2 18.2

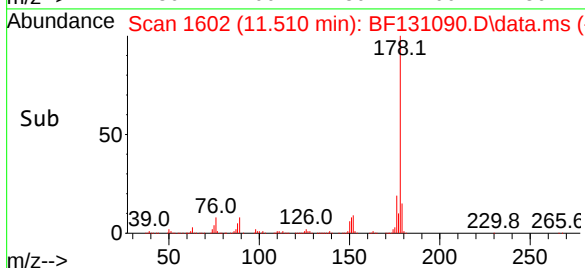
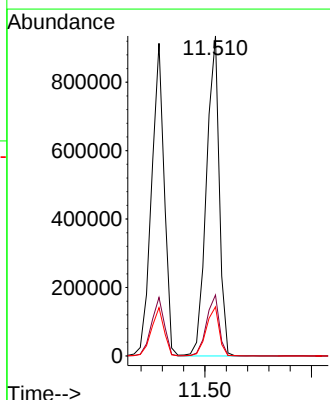
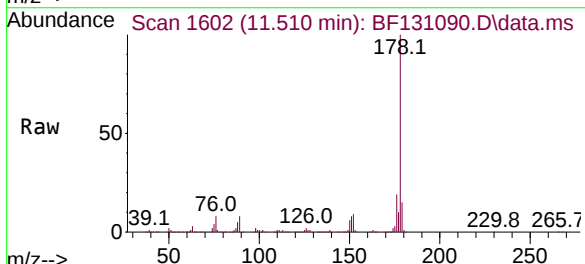
Manual Integrations
APPROVED

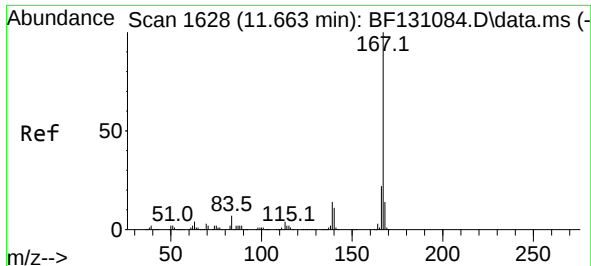
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#72
Anthracene
Concen: 44.688 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

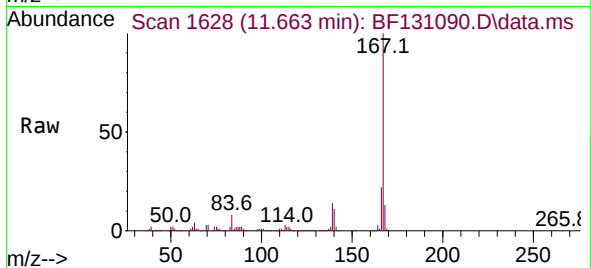
Tgt Ion:178 Resp: 774965
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.3 11.8 17.8





#73
 Carbazole
 Concen: 45.940 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52

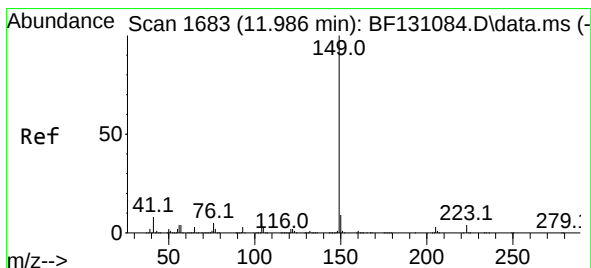
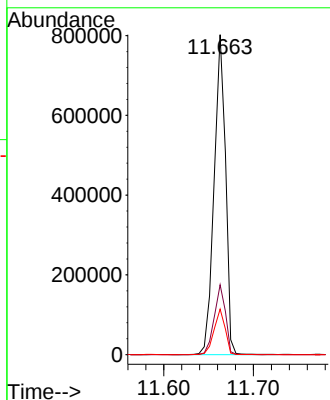
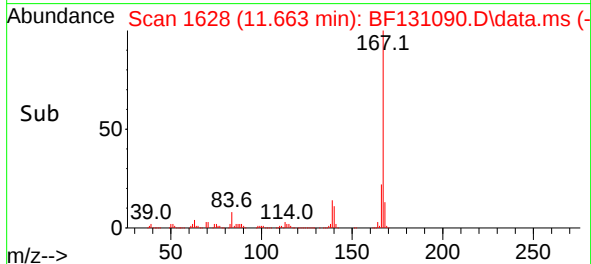
Instrument :
 BNA_F
 ClientSampleId :
 PB148687BS



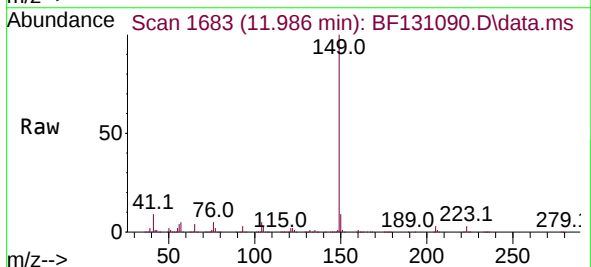
Tgt Ion:167 Resp: 708462
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.2 10.8 16.2

Manual Integrations
 APPROVED

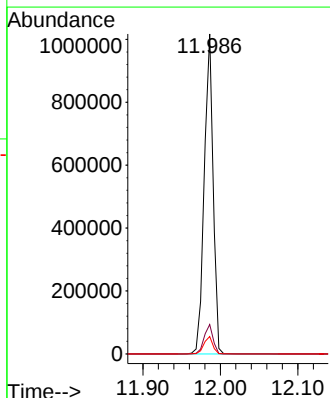
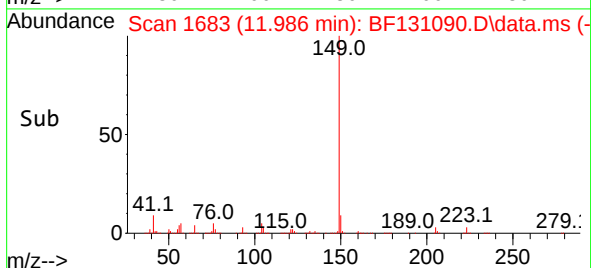
Reviewed By :Christian Giraldo 11/10/2022
 Supervised By :Jagrut Upadhyay 11/10/2022

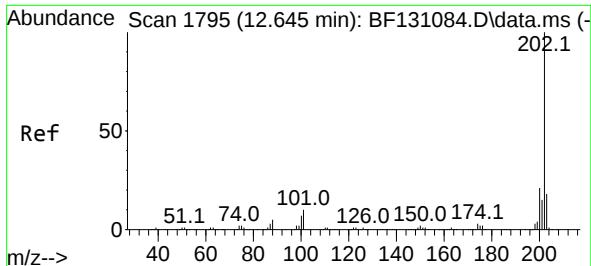


#74
 Di-n-butylphthalate
 Concen: 46.478 ng
 RT: 11.986 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BF131090.D
 Acq: 09 Nov 2022 16:52



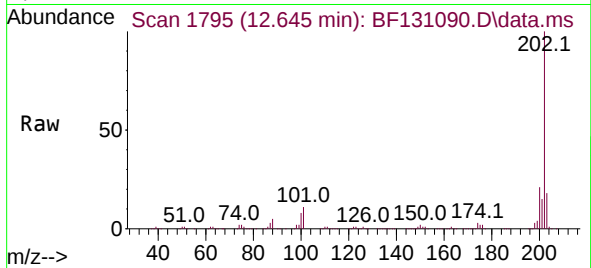
Tgt Ion:149 Resp: 808425
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 46.470 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

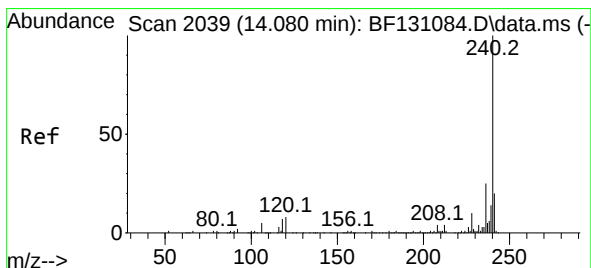
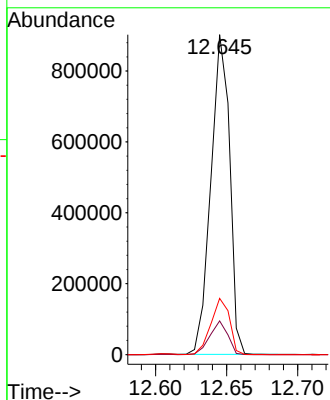
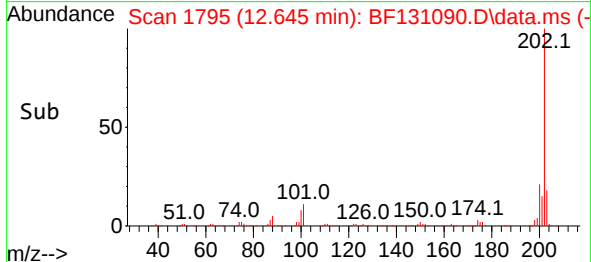
Instrument :
BNA_F
ClientSampleId :
PB148687BS



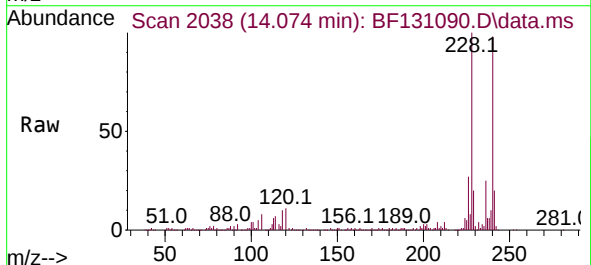
Tgt Ion:202 Resp: 831146
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.0
203 17.6 0.0 37.7

Manual Integrations
APPROVED

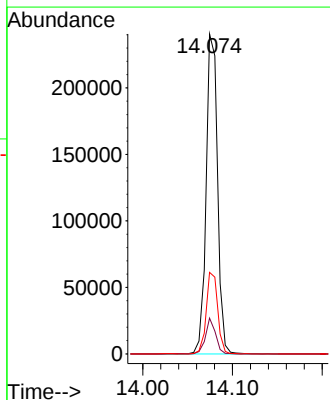
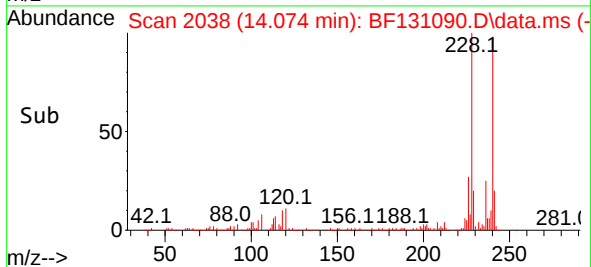
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

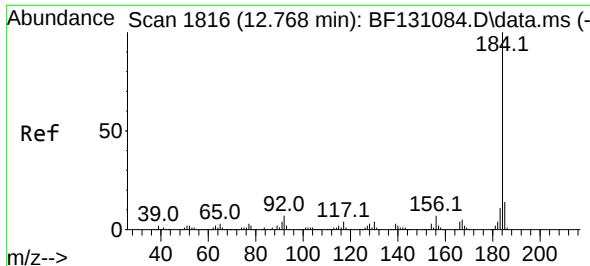


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



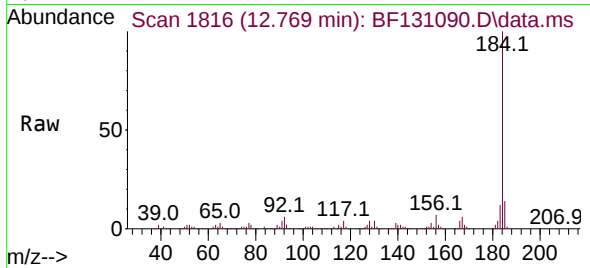
Tgt Ion:240 Resp: 212430
Ion Ratio Lower Upper
240 100
120 11.2 6.5 9.7#
236 25.5 19.7 29.5





#77
Benzidine
Concen: 52.740 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

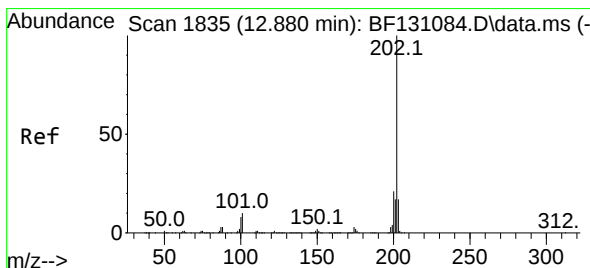
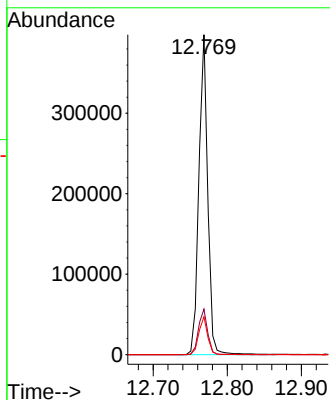
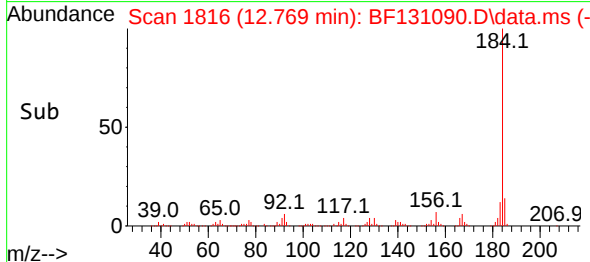
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion:184 Resp: 330527
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.8 9.0 13.4

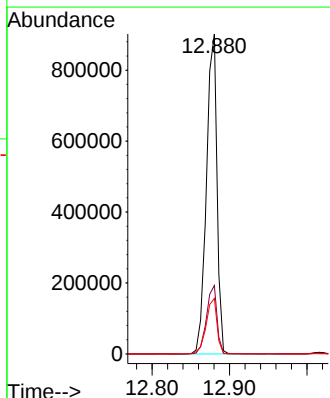
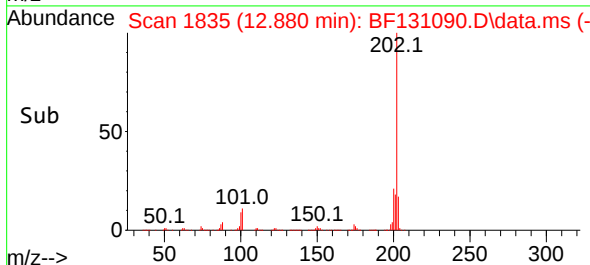
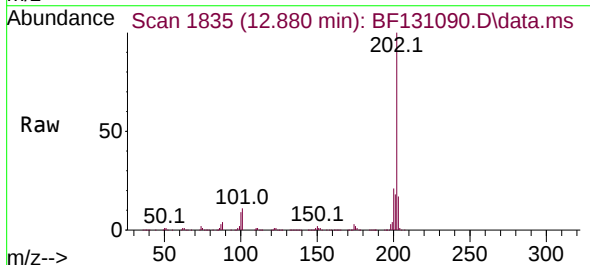
Manual Integrations
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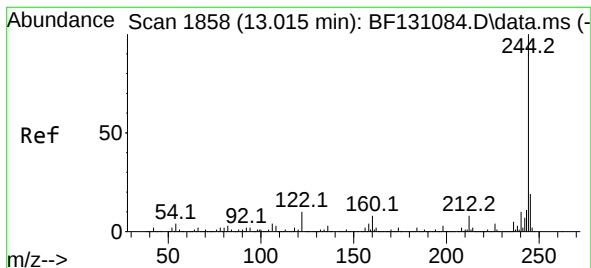
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#78
Pyrene
Concen: 46.796 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion:202 Resp: 852881
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.3 13.6 20.4





#79

Terphenyl-d14

Concen: 96.513 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.001 min

Lab File: BF131090.D

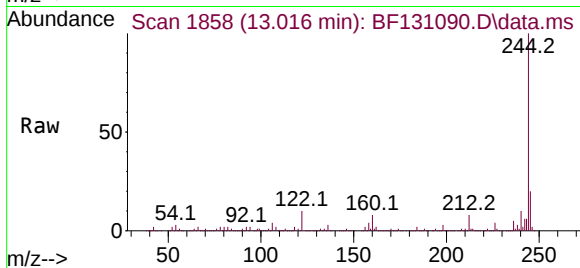
Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS



Tgt Ion:244 Resp: 1169335

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

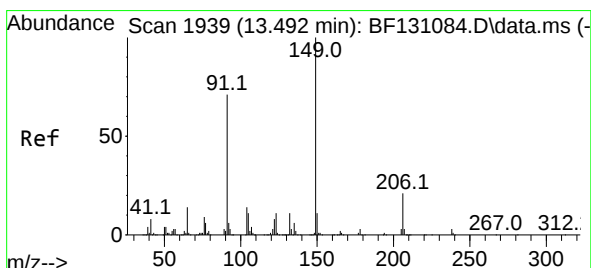
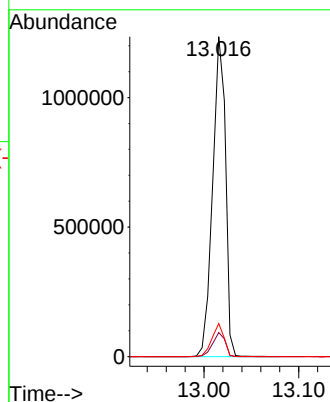
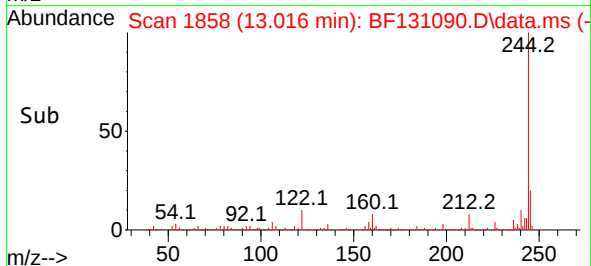
122 10.3 7.8 11.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/10/2022

Supervised By :Jagrut Upadhyay 11/10/2022



#80

Butylbenzylphthalate

Concen: 48.904 ng

RT: 13.492 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

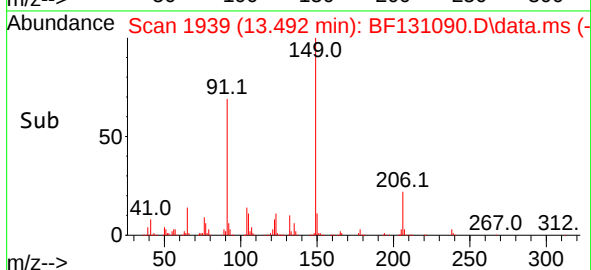
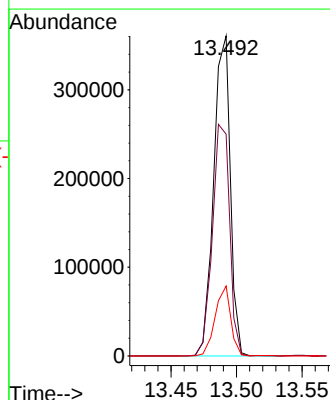
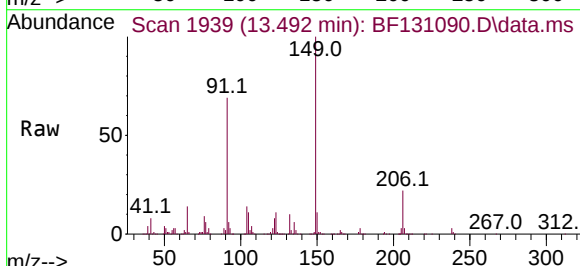
Tgt Ion:149 Resp: 319110

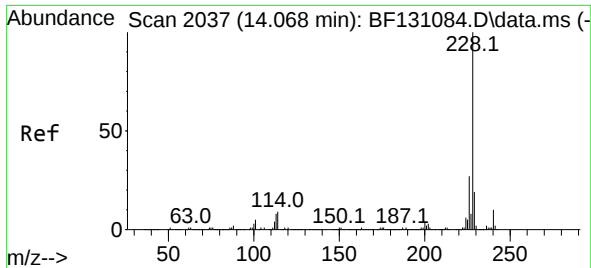
Ion Ratio Lower Upper

149 100

91 69.3 56.4 84.6

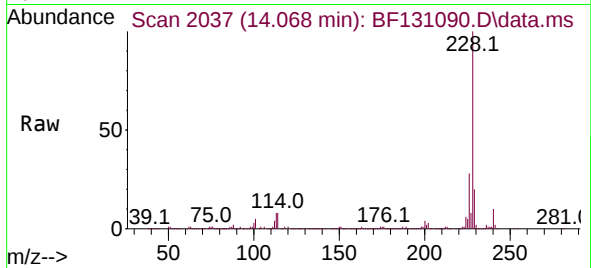
206 21.9 17.1 25.7





#81
Benzo(a)anthracene
Concen: 43.925 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

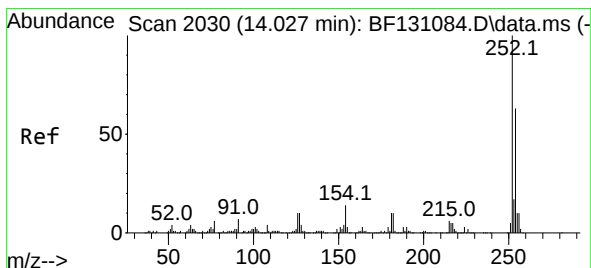
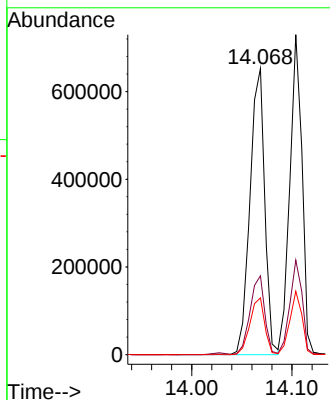
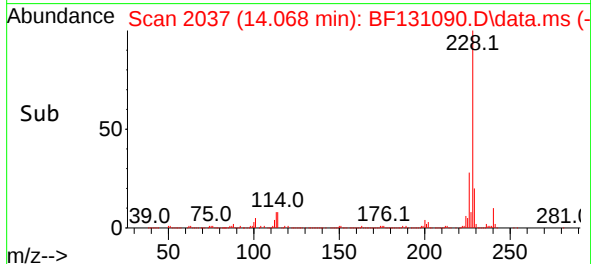
Instrument :
BNA_F
ClientSampleId :
PB148687BS



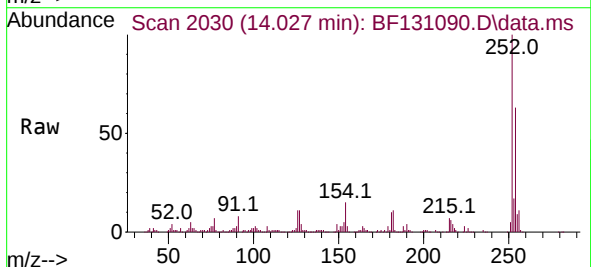
Tgt Ion:228 Resp: 666948
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 19.8 15.4 23.2

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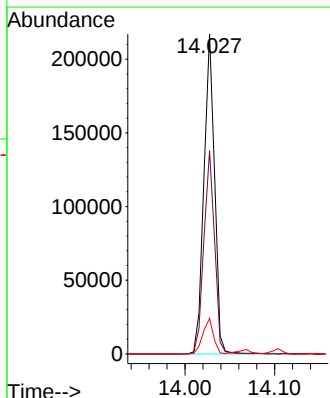
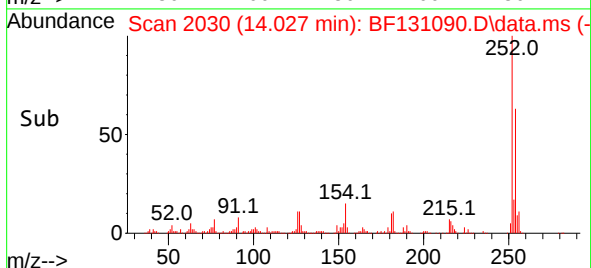
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

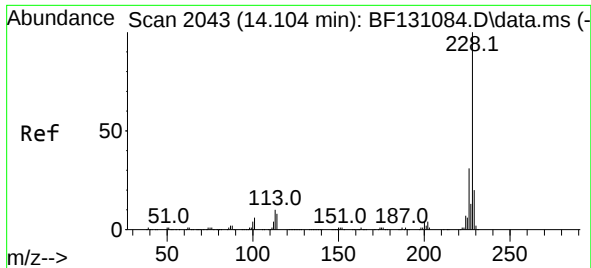


#82
3,3'-Dichlorobenzidine
Concen: 41.357 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



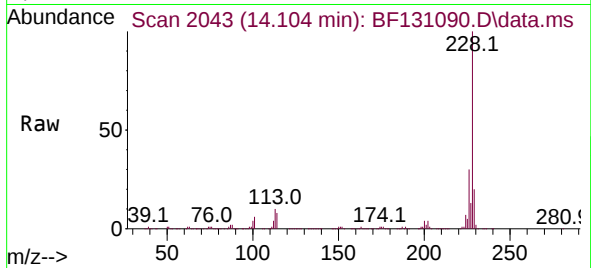
Tgt Ion:252 Resp: 179228
Ion Ratio Lower Upper
252 100
254 63.5 50.6 75.8
126 11.1 8.1 12.1





#83
Chrysene
Concen: 43.353 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

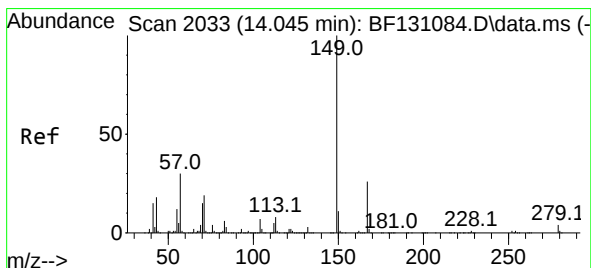
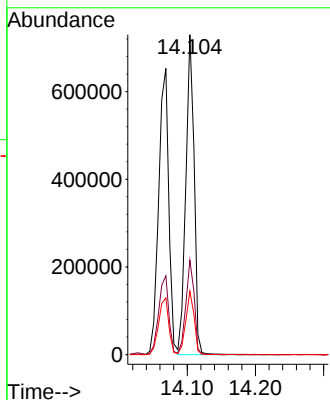
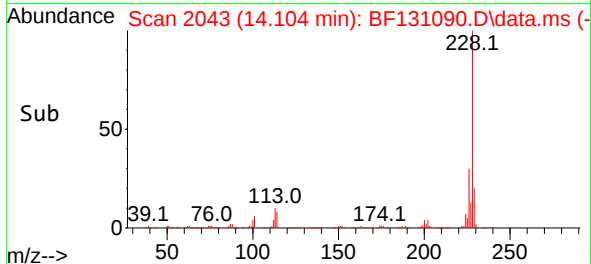
Instrument :
BNA_F
ClientSampleId :
PB148687BS



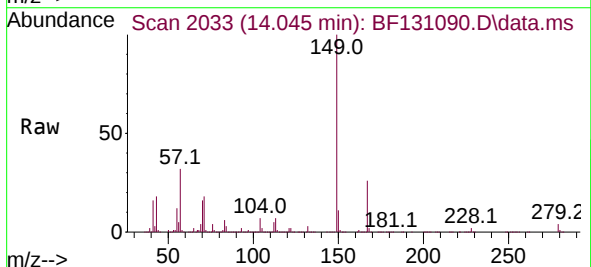
Tgt Ion:228 Resp: 621669
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 19.8 15.8 23.6

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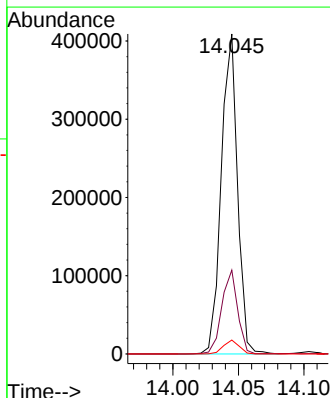
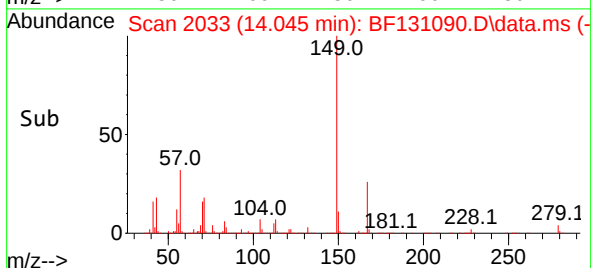
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

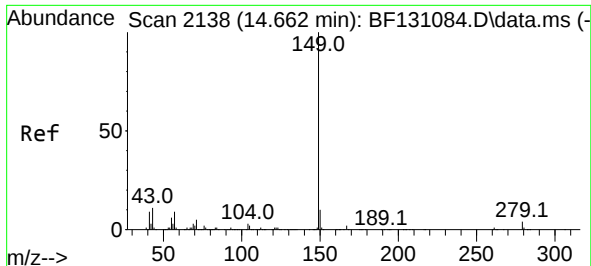


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.060 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



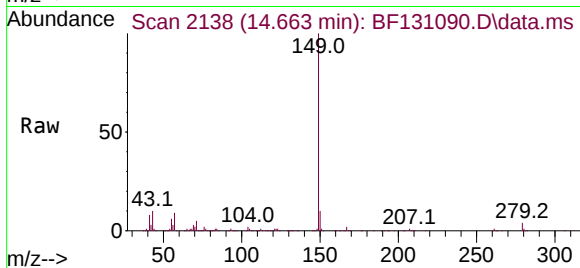
Tgt Ion:149 Resp: 352620
Ion Ratio Lower Upper
149 100
167 26.2 20.8 31.2
279 4.3 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 49.085 ng
RT: 14.663 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

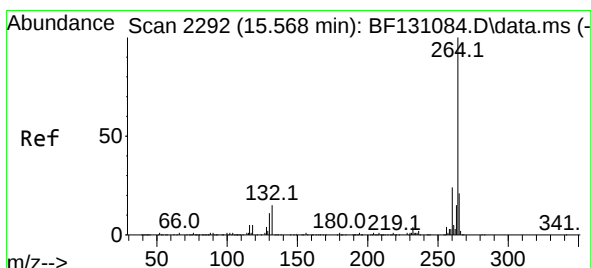
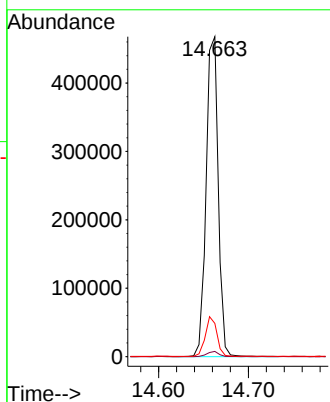
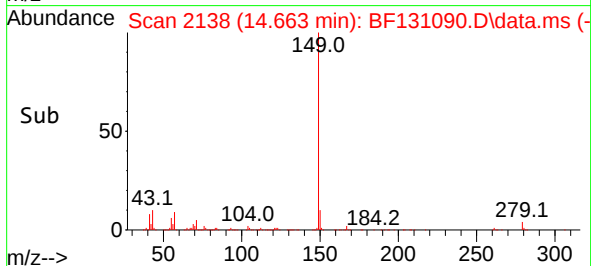
Instrument :
BNA_F
ClientSampleId :
PB148687BS



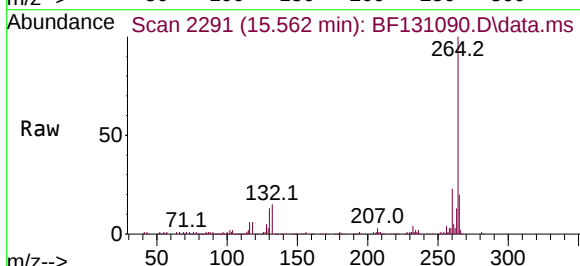
Tgt Ion:149 Resp: 438453
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 9.4 14.2

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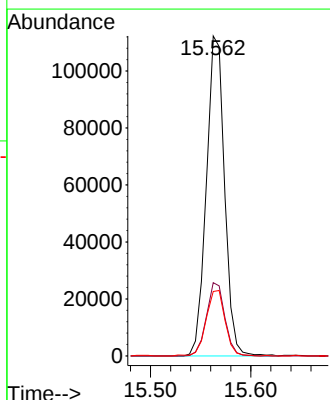
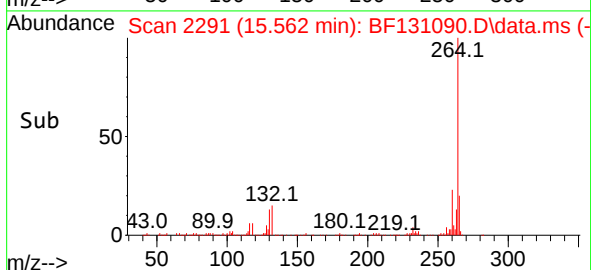
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

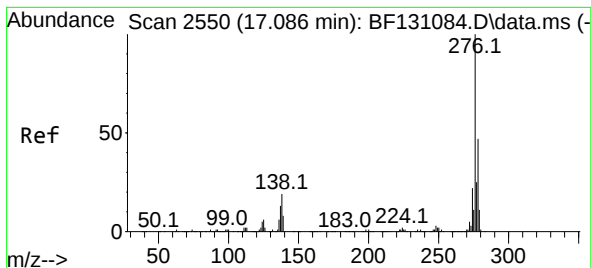


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52



Tgt Ion:264 Resp: 141329
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 20.1 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.548 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

Instrument :

BNA_F

ClientSampleId :

PB148687BS

Tgt Ion:276 Resp: 423613

Ion Ratio Lower Upper

276 100

138 20.5 16.9 25.3

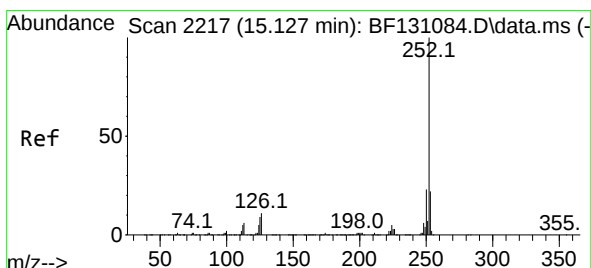
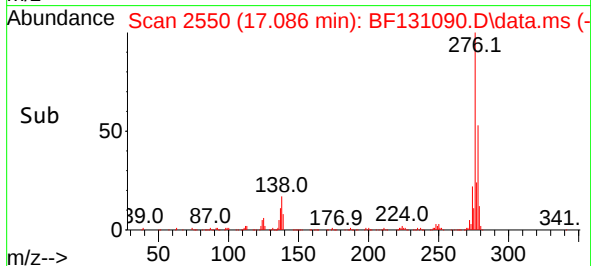
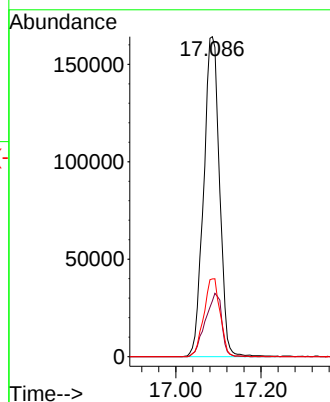
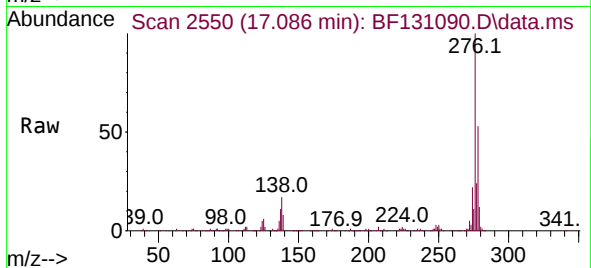
277 25.1 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/10/2022

Supervised By :Jagrut Upadhyay 11/10/2022



#88

Benzo(b)fluoranthene

Concen: 51.395 ng

RT: 15.127 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF131090.D

Acq: 09 Nov 2022 16:52

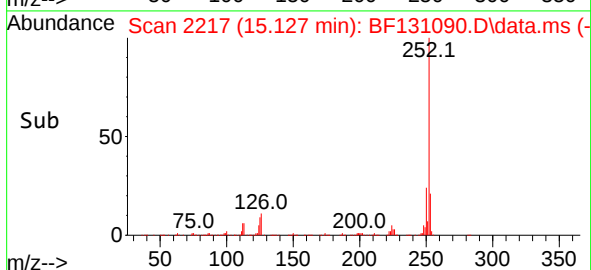
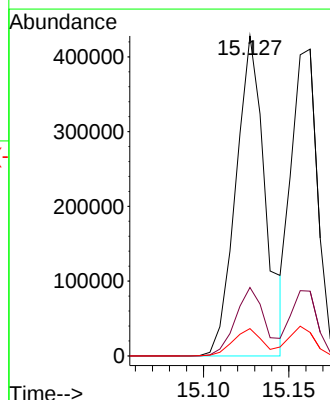
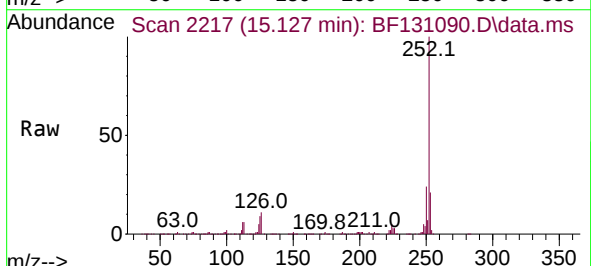
Tgt Ion:252 Resp: 513544

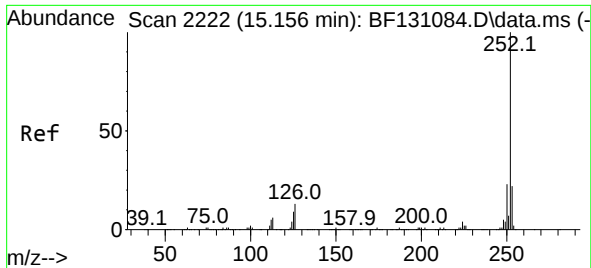
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.5 7.2 10.8





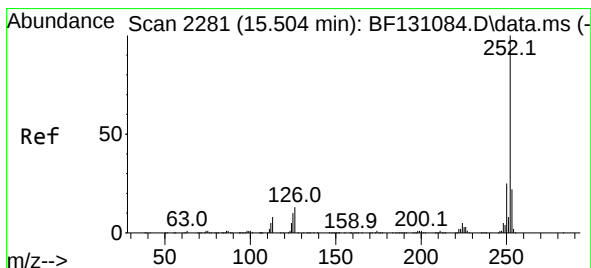
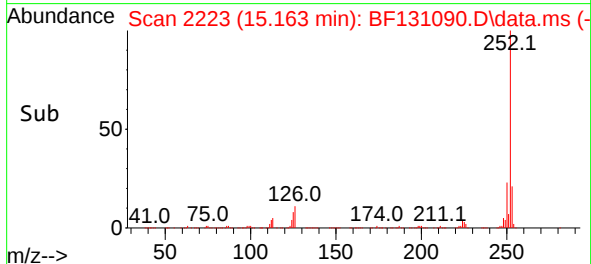
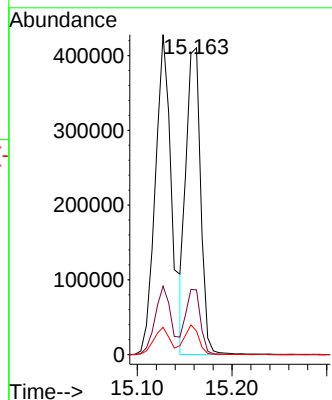
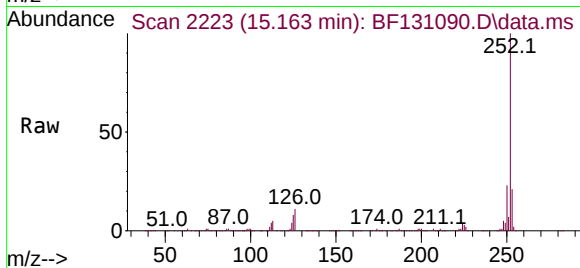
#89
Benzo(k)fluoranthene
Concen: 45.784 ng
RT: 15.163 min Scan# 2222
Delta R.T. 0.007 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Instrument :
BNA_F
ClientSampleId :
PB148687BS

Tgt Ion:252 Resp: 439709
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 7.7 7.5 11.3

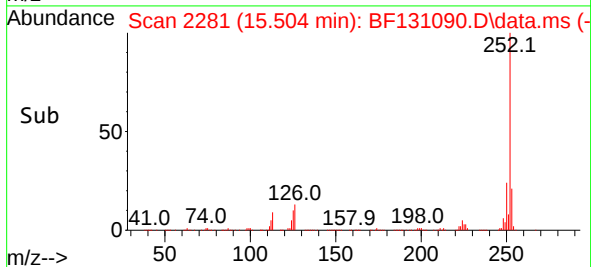
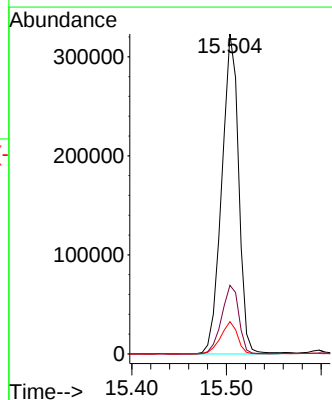
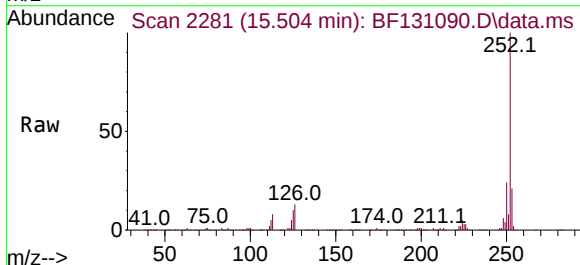
Manual Integrations
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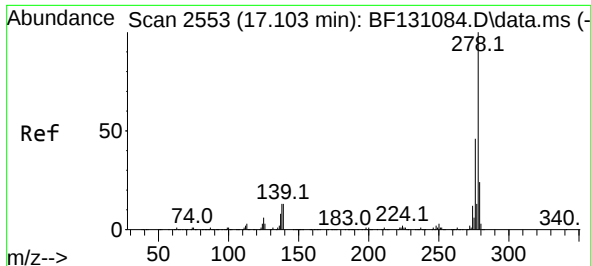
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022



#90
Benzo(a)pyrene
Concen: 49.951 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

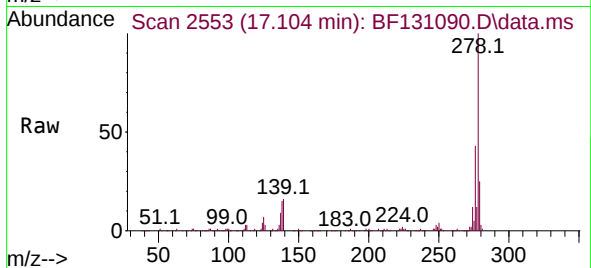
Tgt Ion:252 Resp: 400151
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 10.1 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 39.050 ng
RT: 17.104 min Scan# 2553
Delta R.T. 0.001 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

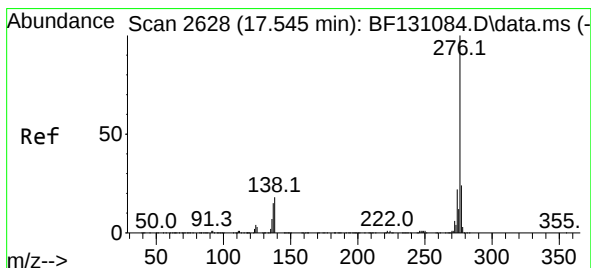
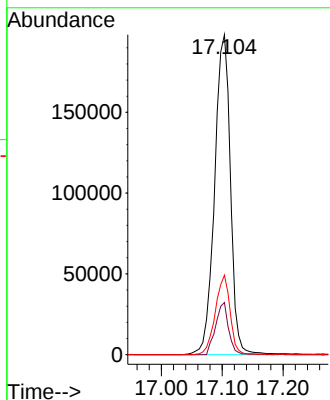
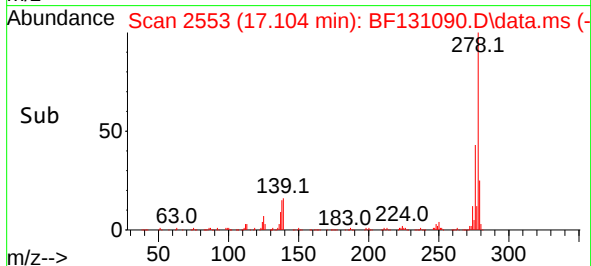
Instrument :
BNA_F
ClientSampleId :
PB148687BS



Tgt Ion: 278 Resp: 358628
Ion Ratio Lower Upper
278 100
139 16.3 10.8 16.2
279 24.8 19.2 28.8

Manual Integrations
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Reviewed By : Christian Giraldo 11/10/2022
Supervised By : Jagrut Upadhyay 11/10/2022



#92
Benzo(g,h,i)perylene
Concen: 41.147 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.000 min
Lab File: BF131090.D
Acq: 09 Nov 2022 16:52

Tgt Ion: 276 Resp: 402147
Ion Ratio Lower Upper
276 100
277 25.1 19.0 28.4
138 18.0 14.6 21.8

