

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132124.D
 Acq On : 18 Jan 2023 18:20
 Operator : CG\JU
 Sample : PB150209BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

Quant Time: Jan 19 05:20:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	211820	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	777350	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	414470	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	803004	20.000	ng	0.00
76) Chrysene-d12	14.313	240	447181	20.000	ng	0.00
86) Perylene-d12	15.912	264	440435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1406637	118.147	ng	0.02
7) Phenol-d6	6.719	99	1810727	117.727	ng	0.00
23) Nitrobenzene-d5	7.666	82	1251328	85.445	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	565823	124.773	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	1968902	82.652	ng	0.00
79) Terphenyl-d14	13.248	244	2331394	84.591	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	223520	35.846	ng	100
3) Pyridine	3.884	79	582480	34.886	ng	98
4) n-Nitrosodimethylamine	3.849	42	346440	42.935	ng	99
6) Aniline	6.760	93	754971	35.103	ng	99
8) 2-Chlorophenol	6.884	128	590835	46.627	ng	97
9) Benzaldehyde	6.648	77	227565	21.058	ng	97
10) Phenol	6.731	94	660708	41.746	ng	100
11) bis(2-Chloroethyl)ether	6.831	93	604108	44.884	ng	99
12) 1,3-Dichlorobenzene	7.042	146	625644	44.866	ng	100
13) 1,4-Dichlorobenzene	7.119	146	622504	44.598	ng	99
14) 1,2-Dichlorobenzene	7.272	146	597630	45.187	ng	98
15) Benzyl Alcohol	7.237	79	536207	43.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.366	45	895973	44.718	ng	99
17) 2-Methylphenol	7.337	107	471072	41.306	ng	98
18) Hexachloroethane	7.613	117	242405	47.119	ng	96
19) n-Nitroso-di-n-propyla...	7.513	70	396735	41.029	ng	99
20) 3+4-Methylphenols	7.489	107	575338	40.644	ng	97
22) Acetophenone	7.507	105	743534	41.465	ng	98
24) Nitrobenzene	7.684	77	648446	42.286	ng	100
25) Isophorone	7.919	82	1217698	41.556	ng	99
26) 2-Nitrophenol	7.995	139	295121	47.234	ng	100
27) 2,4-Dimethylphenol	8.025	122	529281	42.492	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	692219	41.195	ng	100
29) 2,4-Dichlorophenol	8.236	162	488655	41.864	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	548484	43.001	ng	98
31) Naphthalene	8.407	128	1549733	40.605	ng	99
32) Benzoic acid	8.142	122	394410	46.092	ng	94
33) 4-Chloroaniline	8.448	127	215209	12.843	ng	95
34) Hexachlorobutadiene	8.519	225	369273	43.901	ng	99
35) Caprolactam	8.825	113	103401	27.262	ng	92
36) 4-Chloro-3-methylphenol	8.925	107	509821	41.887	ng	100
37) 2-Methylnaphthalene	9.101	142	1041141	39.174	ng	99
38) 1-Methylnaphthalene	9.201	142	974065	39.008	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	548780	41.195	ng	99
41) Hexachlorocyclopentadiene	9.254	237	719162	101.588	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	381519	44.562	ng	99

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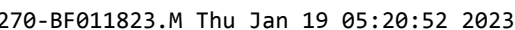
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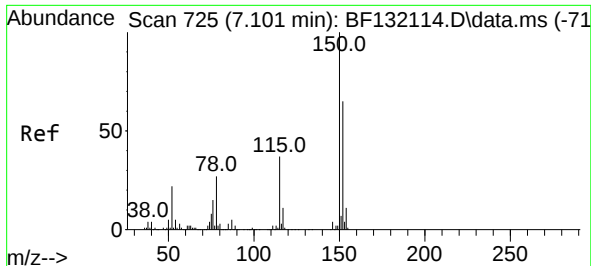
Quant Time: Jan 19 05:20:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	425377	40.658	ng	98
46) 1,1'-Biphenyl	9.566	154	1267634	41.425	ng	100
47) 2-Chloronaphthalene	9.595	162	1007117	42.179	ng	99
48) 2-Nitroaniline	9.683	65	348933	42.867	ng	99
49) Acenaphthylene	10.013	152	1573975	40.679	ng	99
50) Dimethylphthalate	9.866	163	1231433	40.871	ng	100
51) 2,6-Dinitrotoluene	9.925	165	280982	43.838	ng	99
52) Acenaphthene	10.189	154	1061086	45.286	ng	99
53) 3-Nitroaniline	10.095	138	180835	26.650	ng	95
54) 2,4-Dinitrophenol	10.201	184	291380	106.998	ng	# 86
55) Dibenzofuran	10.360	168	1442307	40.006	ng	100
56) 4-Nitrophenol	10.248	139	430308	88.764	ng	85
57) 2,4-Dinitrotoluene	10.336	165	362211	45.752	ng	87
58) Fluorene	10.707	166	1072920	40.130	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.472	232	361682	43.922	ng	99
60) Diethylphthalate	10.566	149	1229991	40.769	ng	100
61) 4-Chlorophenyl-phenyle...	10.695	204	578335	40.244	ng	100
62) 4-Nitroaniline	10.725	138	256446	41.910	ng	95
63) Azobenzene	10.854	77	1178992	40.120	ng	99
65) 4,6-Dinitro-2-methylph...	10.742	198	187022	50.083	ng	99
66) n-Nitrosodiphenylamine	10.813	169	980411	40.682	ng	100
67) 4-Bromophenyl-phenylether	11.189	248	381459	41.819	ng	98
68) Hexachlorobenzene	11.254	284	409450	44.616	ng	99
69) Atrazine	11.336	200	364697	44.967	ng	99
70) Pentachlorophenol	11.448	266	503986	79.933	ng	99
71) Phenanthrene	11.677	178	1646058	41.466	ng	100
72) Anthracene	11.730	178	1650763	40.898	ng	100
73) Carbazole	11.877	167	1474533	41.867	ng	100
74) Di-n-butylphthalate	12.201	149	1849561	43.246	ng	100
75) Fluoranthene	12.877	202	1777723	41.807	ng	100
77) Benzidine	12.989	184	526274	43.704	ng	97
78) Pyrene	13.107	202	1799156	42.033	ng	100
80) Butylbenzylphthalate	13.719	149	704999	46.726	ng	100
81) Benzo(a)anthracene	14.301	228	1351971	43.257	ng	100
82) 3,3'-Dichlorobenzidine	14.260	252	232498	27.966	ng	99
83) Chrysene	14.342	228	1272121	43.297	ng	99
84) Bis(2-ethylhexyl)phtha...	14.277	149	949652	48.129	ng	98
85) Di-n-octyl phthalate	14.913	149	1460941	56.459	ng	99
87) Indeno(1,2,3-cd)pyrene	17.583	276	1351506	52.080	ng	100
88) Benzo(b)fluoranthene	15.430	252	1313797	47.414	ng	100
89) Benzo(k)fluoranthene	15.465	252	1185540	42.771	ng	100
90) Benzo(a)pyrene	15.842	252	1111294	44.364	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	1086925	52.125	ng	99
92) Benzo(g,h,i)perylene	18.095	276	1152027	53.026	ng	99

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

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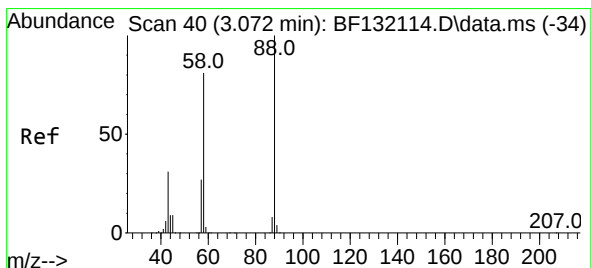
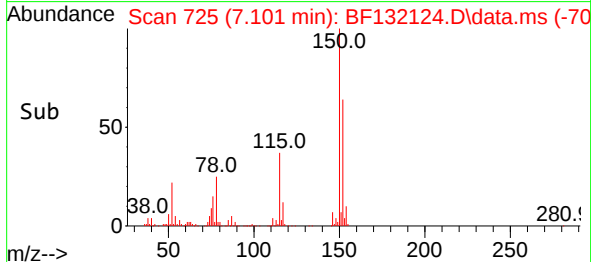
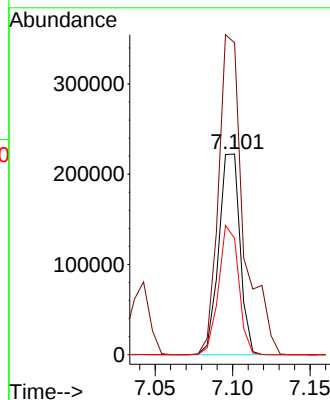
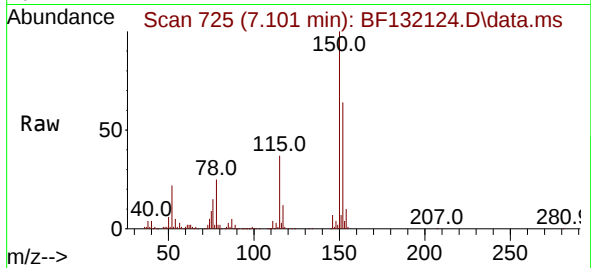




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.101 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132124.D
 Acq: 18 Jan 2023 18:20

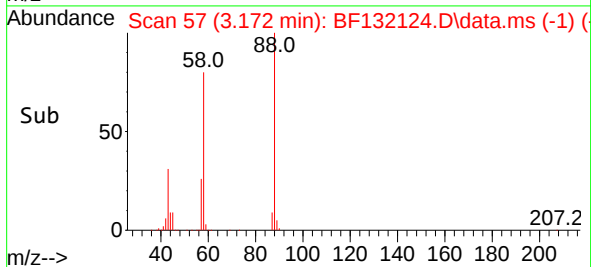
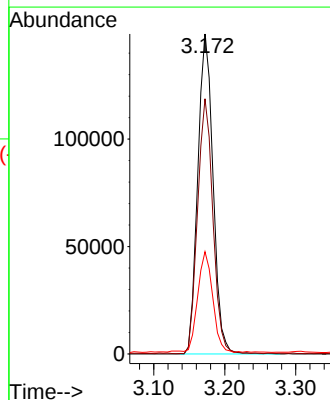
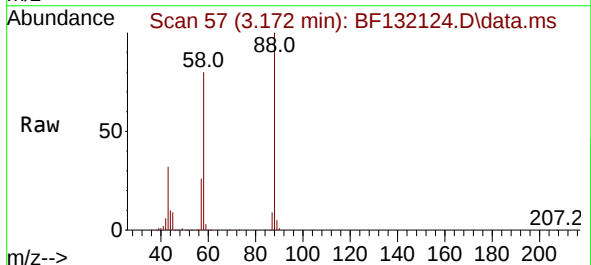
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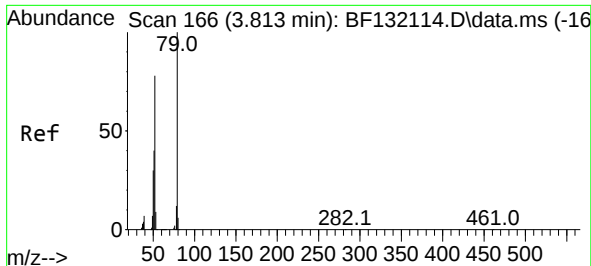
Tgt Ion:152 Resp: 211820
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.3 184.9
 115 58.0 45.8 68.6



#2
 1,4-Dioxane
 Concen: 35.846 ng
 RT: 3.172 min Scan# 57
 Delta R.T. 0.100 min
 Lab File: BF132124.D
 Acq: 18 Jan 2023 18:20

Tgt Ion: 88 Resp: 223520
 Ion Ratio Lower Upper
 88 100
 58 79.9 63.8 95.6
 43 31.4 24.7 37.1

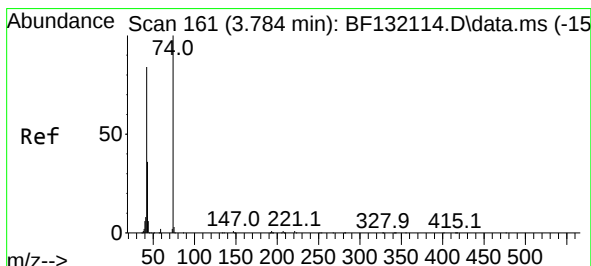
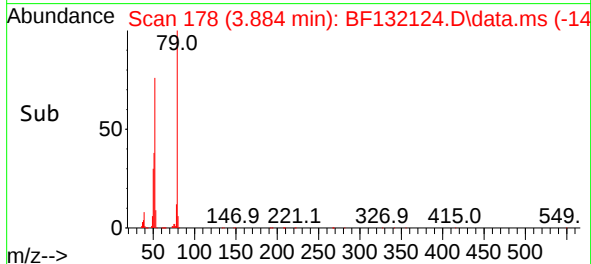
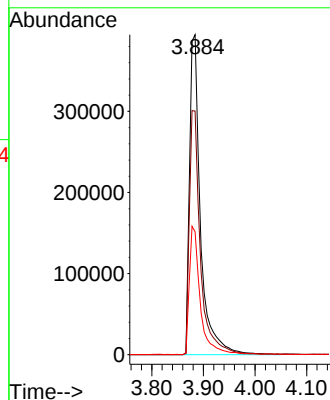
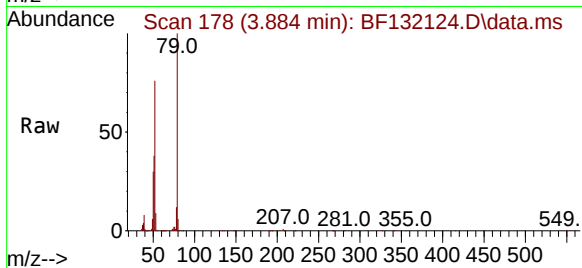




#3
Pyridine
Concen: 34.886 ng
RT: 3.884 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

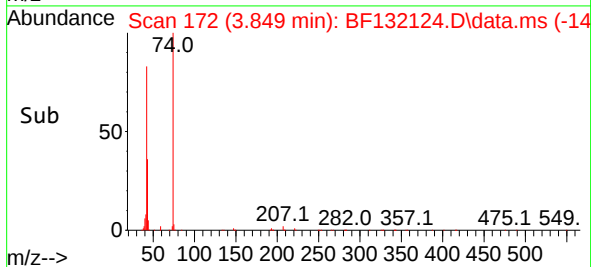
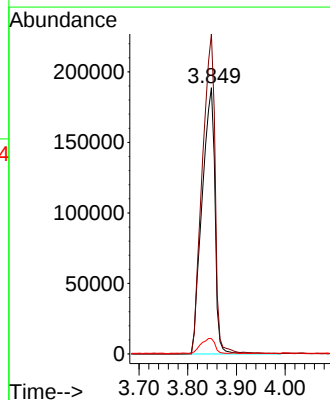
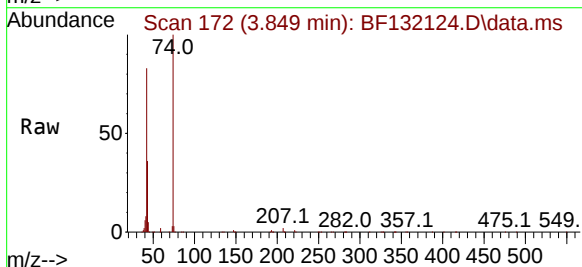
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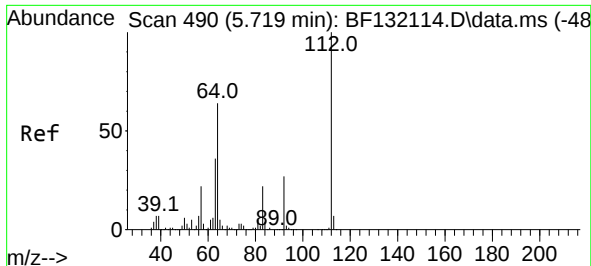
Tgt Ion: 79 Resp: 582480
Ion Ratio Lower Upper
79 100
52 76.2 62.2 93.4
51 38.4 31.9 47.9



#4
n-Nitrosodimethylamine
Concen: 42.935 ng
RT: 3.849 min Scan# 172
Delta R.T. 0.065 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion: 42 Resp: 346440
Ion Ratio Lower Upper
42 100
74 120.2 95.8 143.6
44 5.8 5.6 8.4

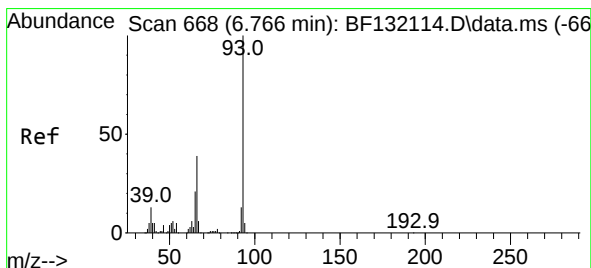
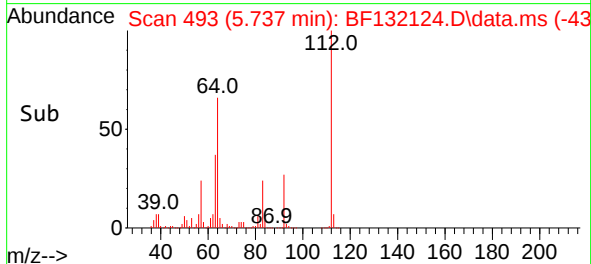
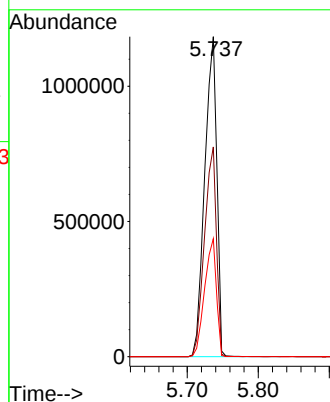
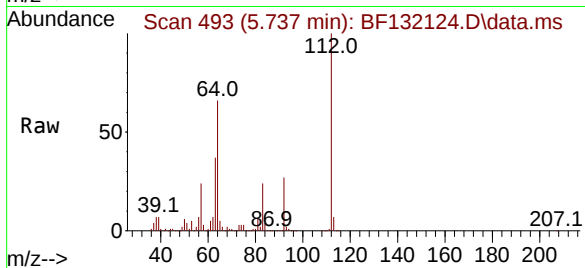




#5
2-Fluorophenol
Concen: 118.147 ng
RT: 5.737 min Scan# 491
Delta R.T. 0.018 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

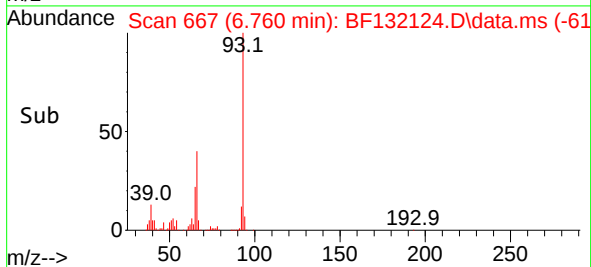
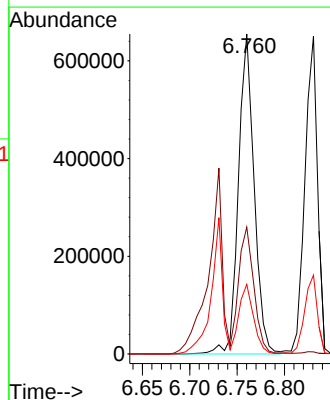
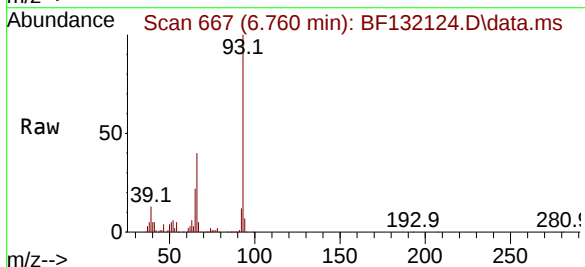
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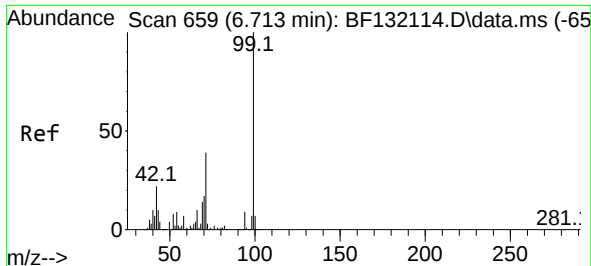
Tgt Ion:112 Resp: 1406637
Ion Ratio Lower Upper
112 100
64 65.6 51.0 76.6
63 36.8 28.7 43.1



#6
Aniline
Concen: 35.103 ng
RT: 6.760 min Scan# 667
Delta R.T. -0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion: 93 Resp: 754971
Ion Ratio Lower Upper
93 100
66 39.6 32.2 48.2
65 21.7 17.0 25.4

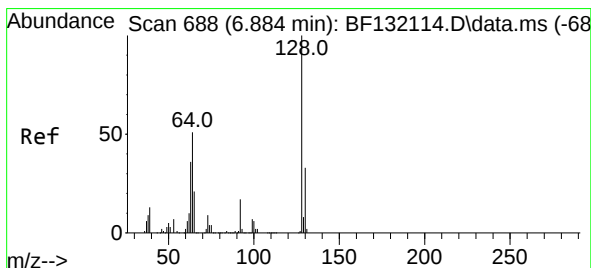
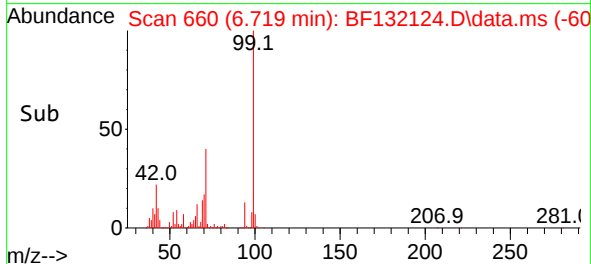
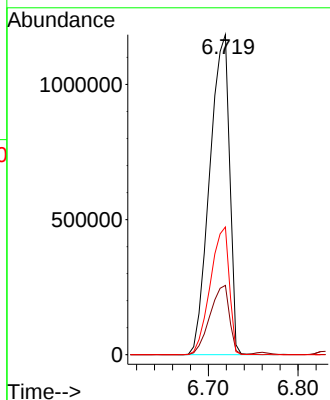
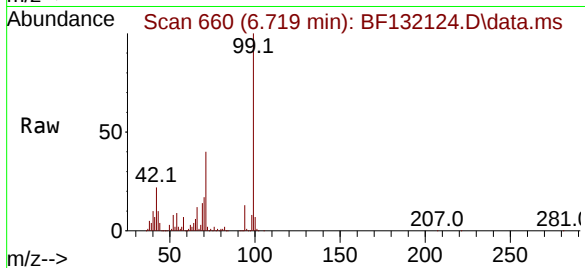




#7
Phenol-d6
Concen: 117.727 ng
RT: 6.719 min Scan# 60
Delta R.T. 0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

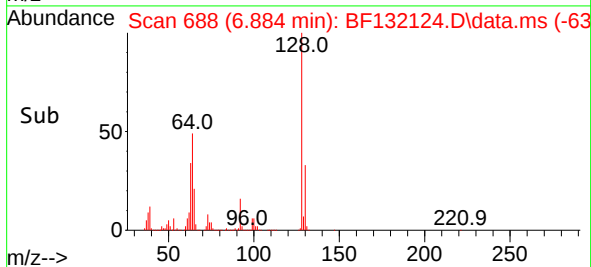
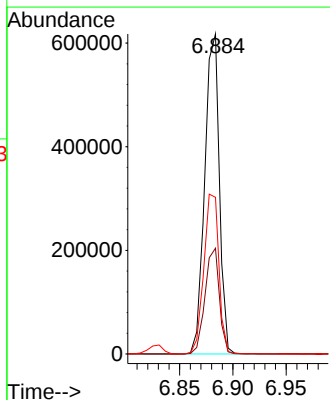
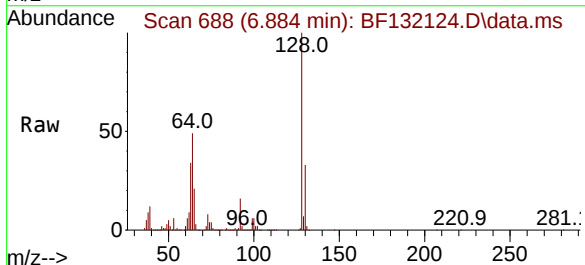
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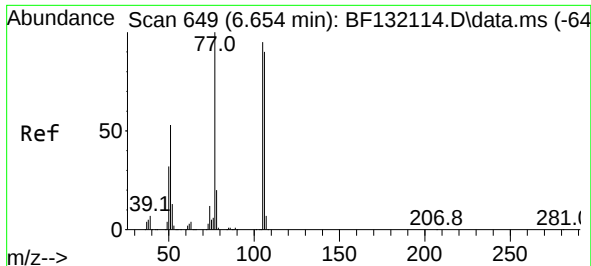
Tgt Ion: 99 Resp: 1810727
Ion Ratio Lower Upper
99 100
42 21.6 17.2 25.8
71 39.9 31.0 46.6



#8
2-Chlorophenol
Concen: 46.627 ng
RT: 6.884 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:128 Resp: 590835
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 49.0 32.0 72.0

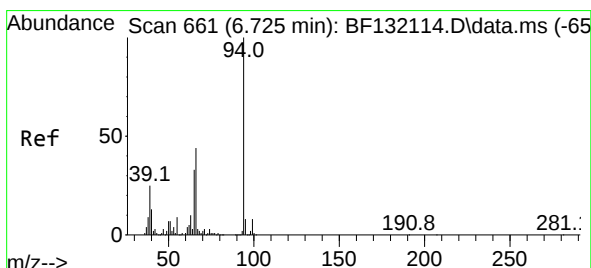
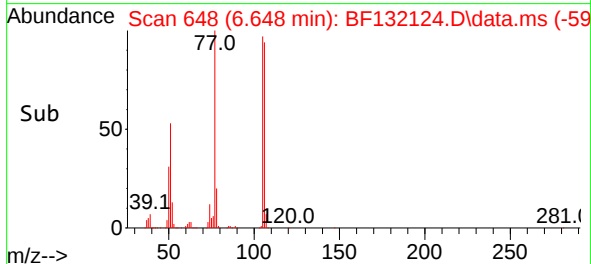
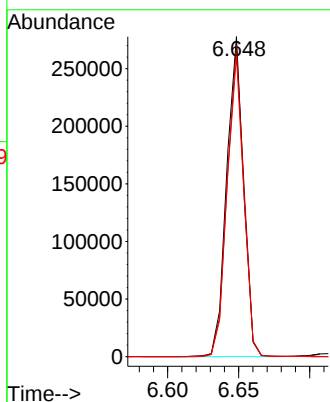
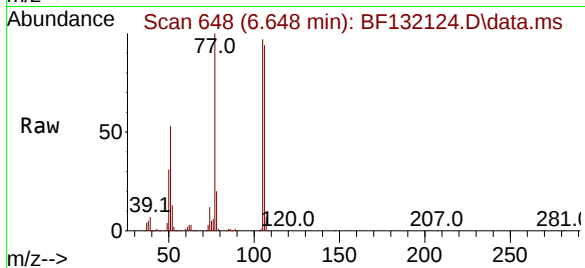




#9
Benzaldehyde
Concen: 21.058 ng
RT: 6.648 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

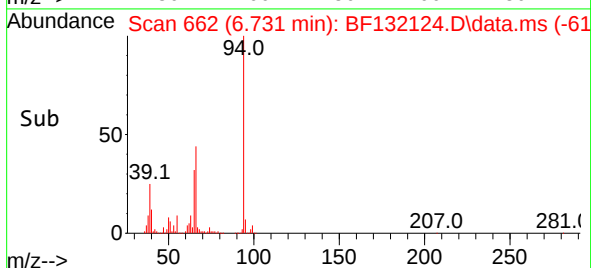
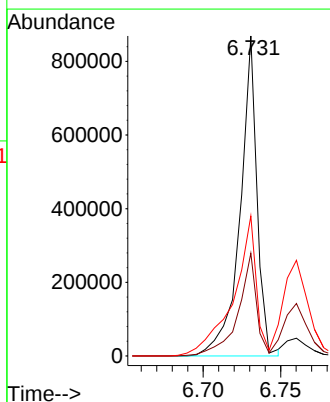
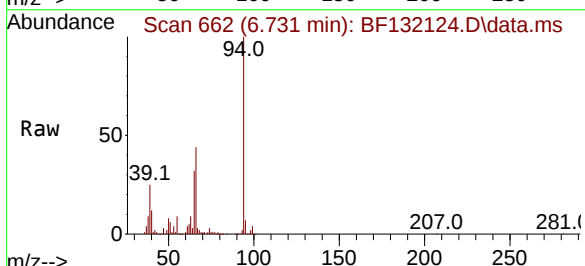
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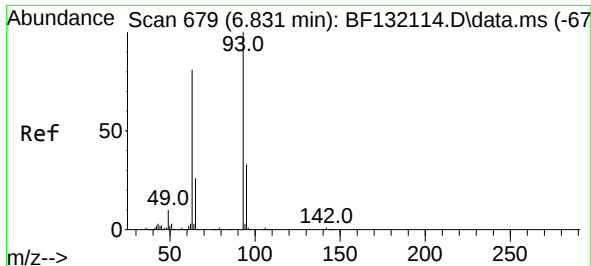
Tgt Ion: 77 Resp: 227565
Ion Ratio Lower Upper
77 100
105 97.4 75.3 115.3
106 93.9 70.2 110.2



#10
Phenol
Concen: 41.746 ng
RT: 6.731 min Scan# 662
Delta R.T. 0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion: 94 Resp: 660708
Ion Ratio Lower Upper
94 100
65 32.1 12.7 52.7
66 43.8 23.8 63.8

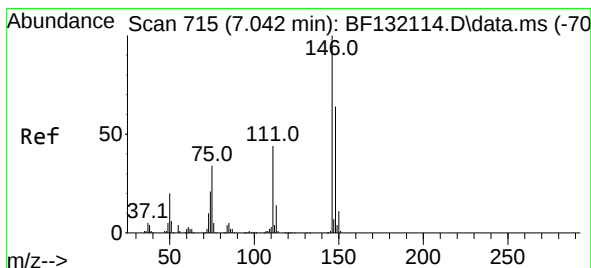
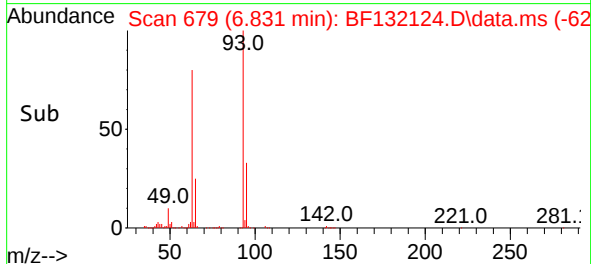
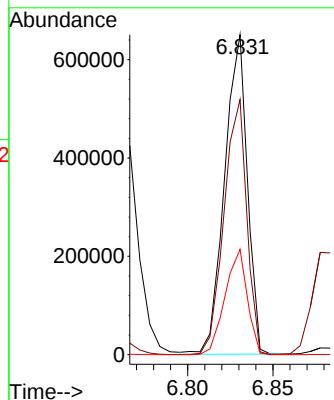
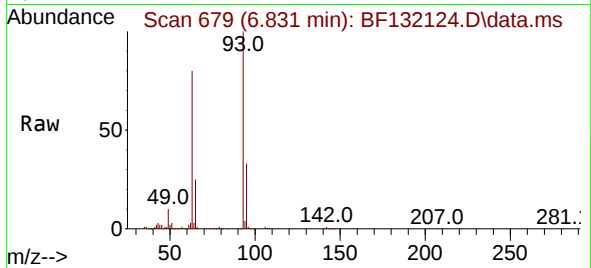




#11
bis(2-Chloroethyl)ether
Concen: 44.884 ng
RT: 6.831 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

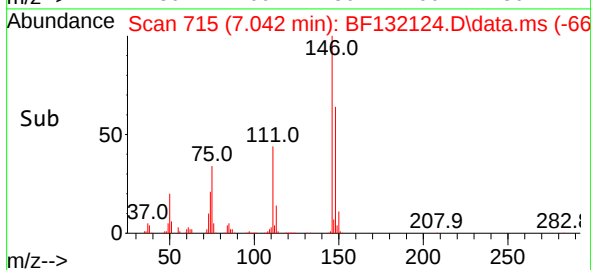
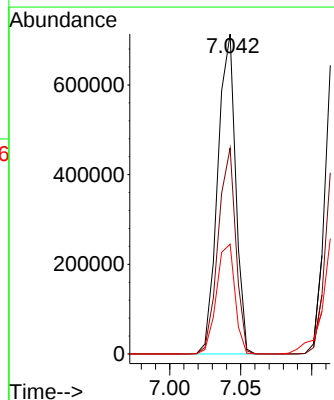
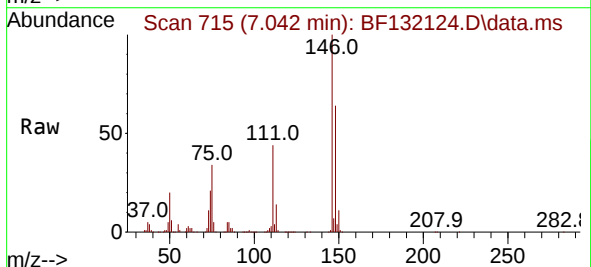
Instrument :
BNA_F
ClientSampleId :
PB150209BS

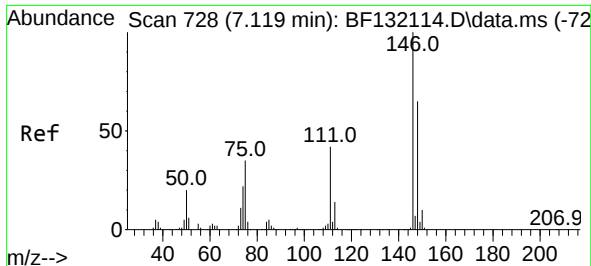
Tgt Ion: 93 Resp: 604108
Ion Ratio Lower Upper
93 100
63 79.8 60.8 100.8
95 33.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 44.866 ng
RT: 7.042 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:146 Resp: 625644
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
75 34.3 27.4 41.2

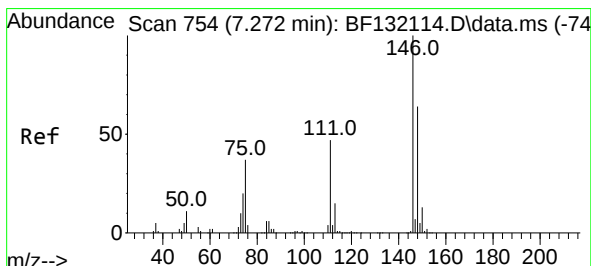
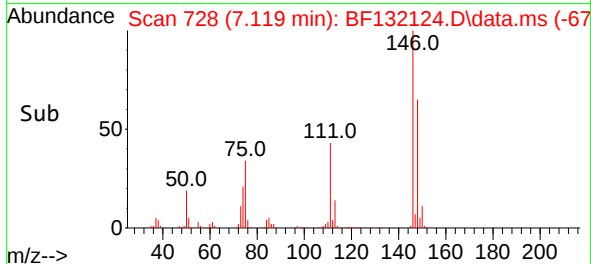
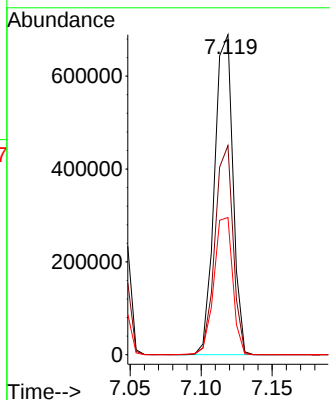
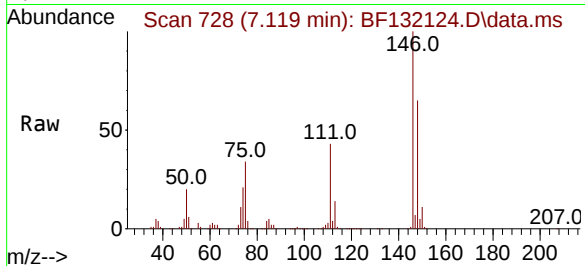




#13
1,4-Dichlorobenzene
Concen: 44.598 ng
RT: 7.119 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

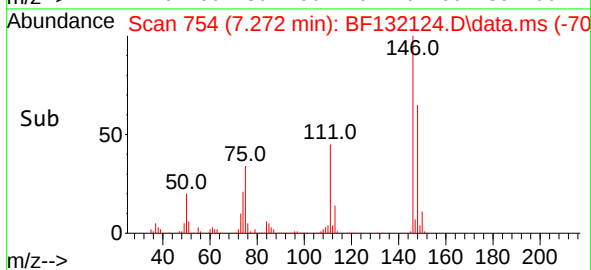
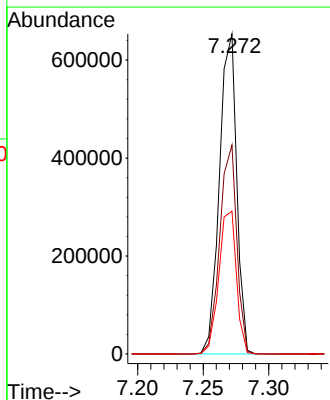
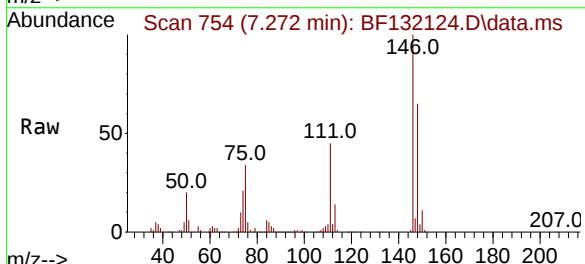
Instrument :
BNA_F
ClientSampleId :
PB150209BS

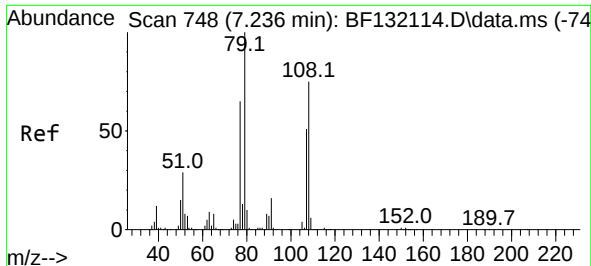
Tgt Ion:146 Resp: 622504
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
111 42.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 45.187 ng
RT: 7.272 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:146 Resp: 597630
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 44.6 37.9 56.9

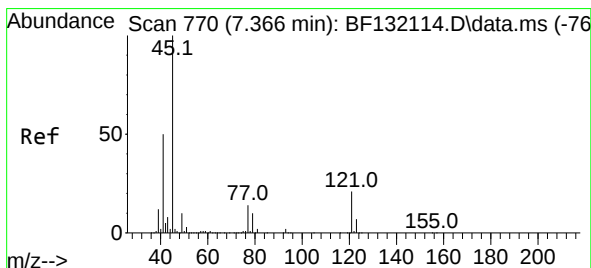
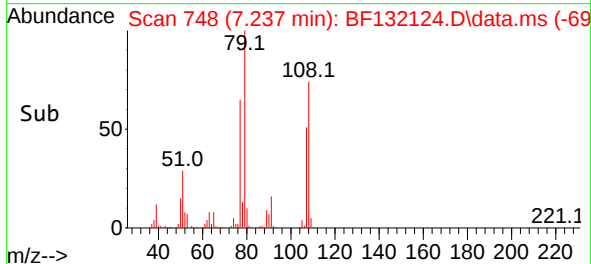
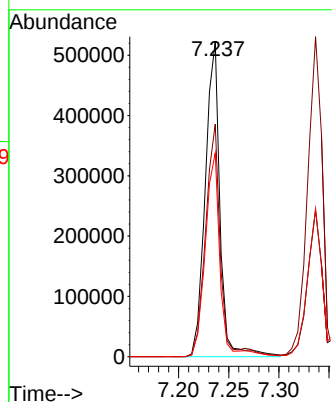
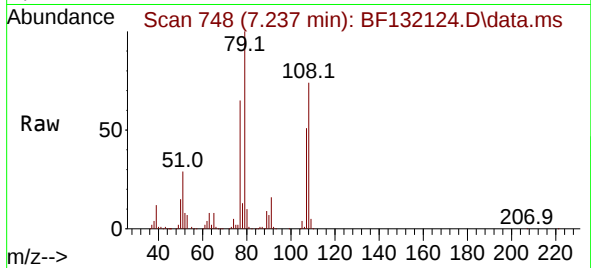




#15
Benzyl Alcohol
Concen: 43.860 ng
RT: 7.237 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

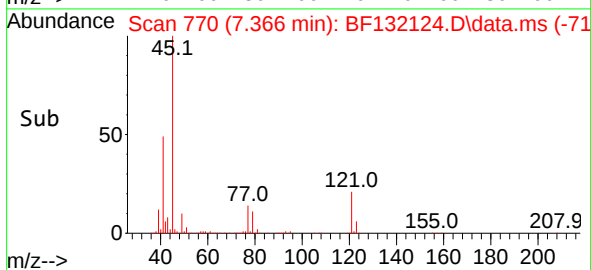
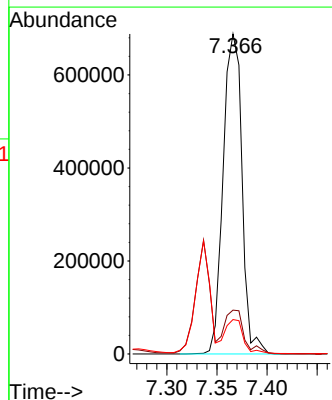
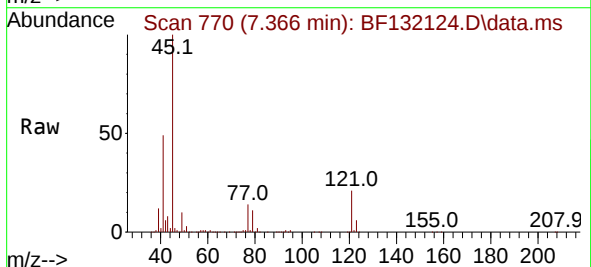
Instrument :
BNA_F
ClientSampleId :
PB150209BS

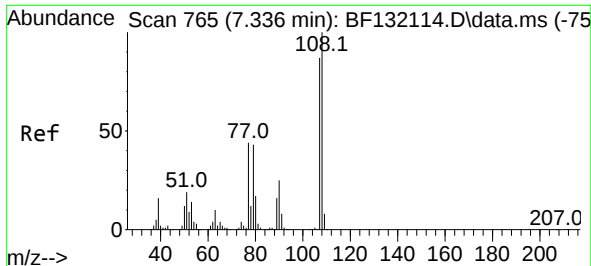
Tgt Ion: 79 Resp: 536207
Ion Ratio Lower Upper
79 100
108 73.8 59.7 89.5
77 64.7 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.718 ng
RT: 7.366 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion: 45 Resp: 895973
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.1
79 10.7 0.0 30.5





#17

2-Methylphenol

Concen: 41.306 ng

RT: 7.337 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

Tgt Ion:107 Resp: 471072

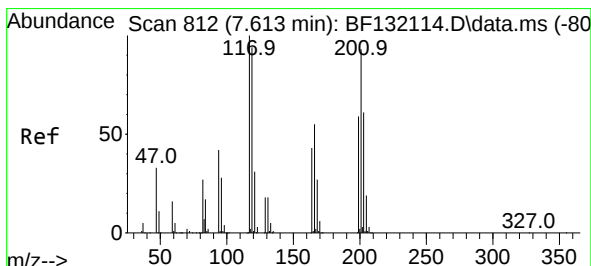
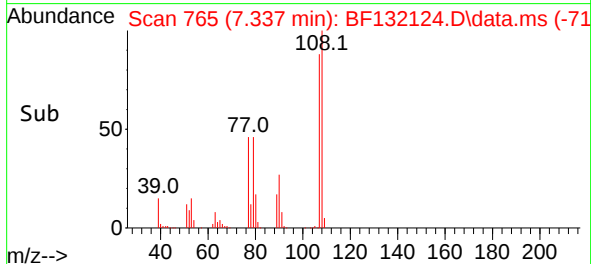
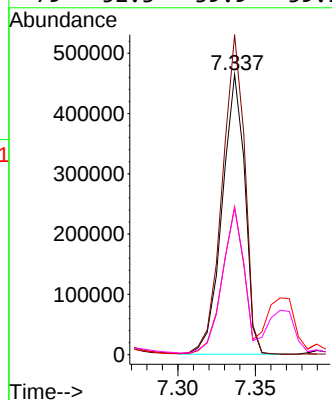
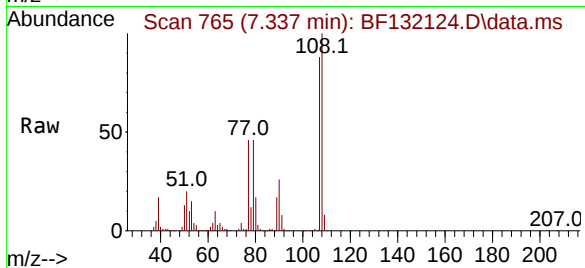
Ion Ratio Lower Upper

107 100

108 114.2 91.7 137.5

77 52.7 40.6 60.8

79 52.3 39.9 59.9



#18

Hexachloroethane

Concen: 47.119 ng

RT: 7.613 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

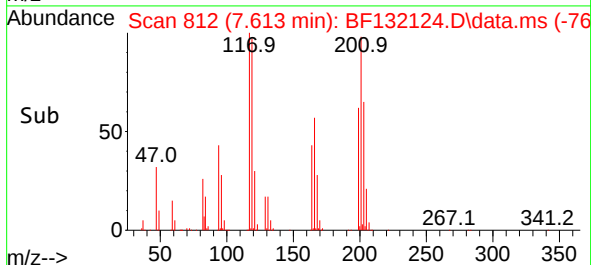
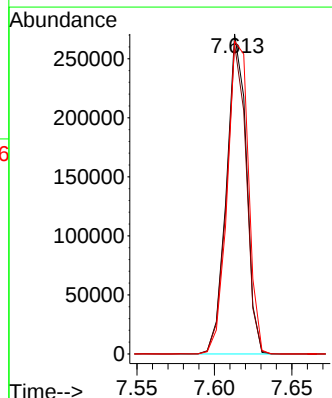
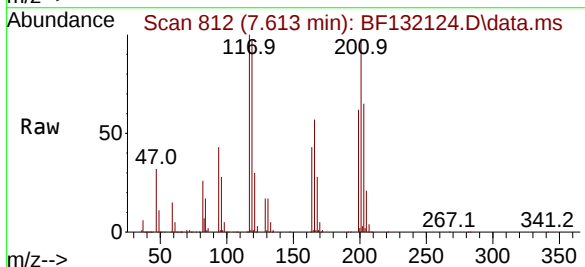
Tgt Ion:117 Resp: 242405

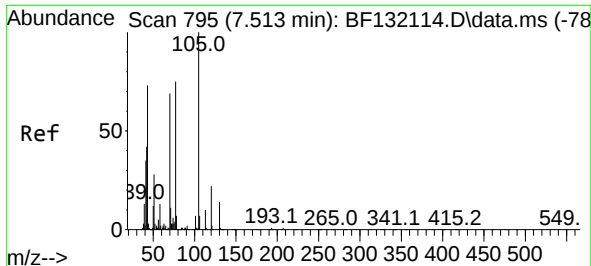
Ion Ratio Lower Upper

117 100

119 96.8 75.5 113.3

201 97.7 74.0 111.0



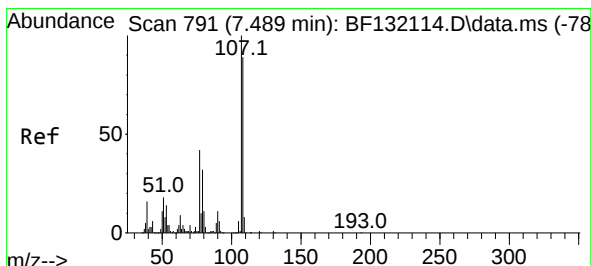
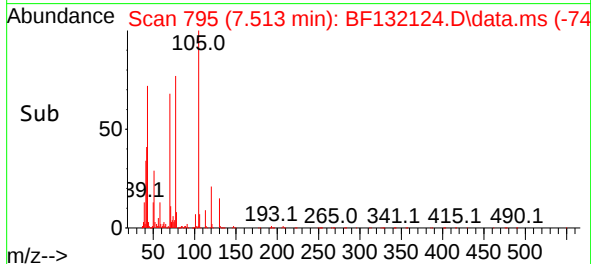
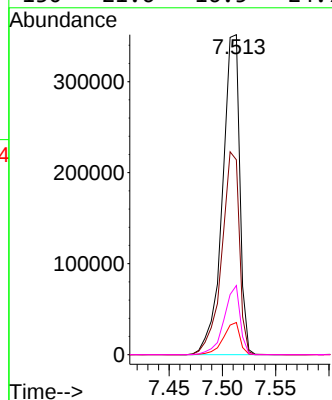
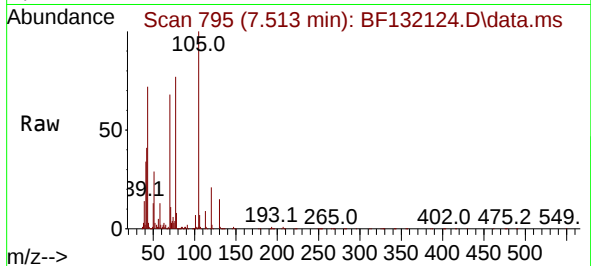


#19
n-Nitroso-di-n-propylamine
Concen: 41.029 ng
RT: 7.513 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Tgt Ion: 70 Resp: 396735

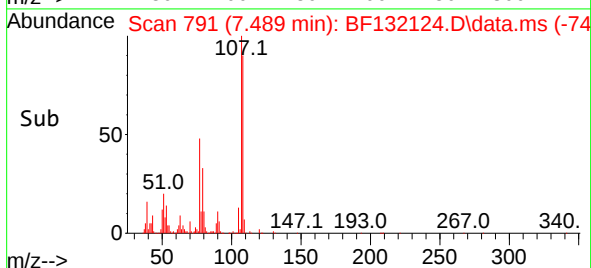
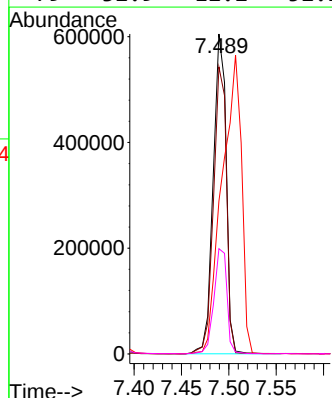
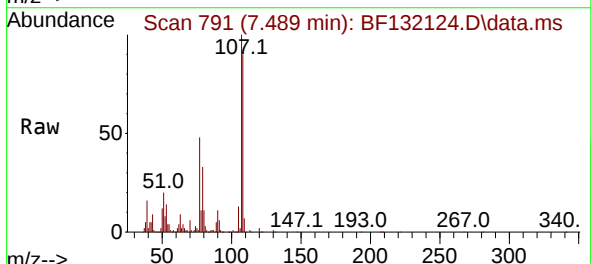
Ion	Ratio	Lower	Upper
70	100		
42	60.9	48.5	72.7
101	10.0	7.8	11.8
130	21.6	16.5	24.7

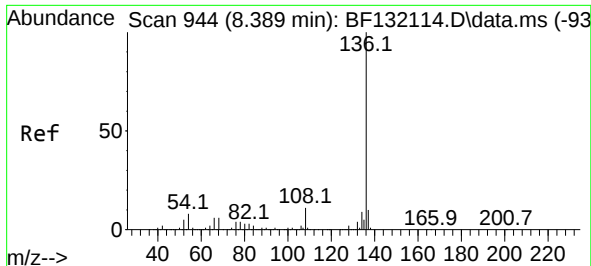


#20
3+4-Methylphenols
Concen: 40.644 ng
RT: 7.489 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion: 107 Resp: 575338

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.9	108.9
77	47.8	22.4	62.4
79	32.9	12.2	52.2



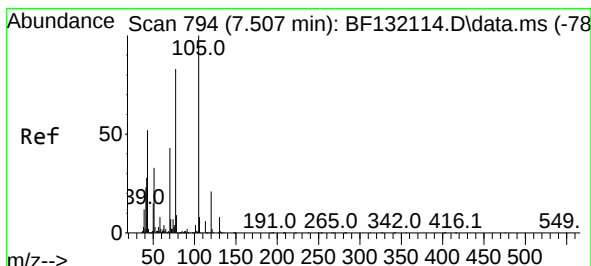
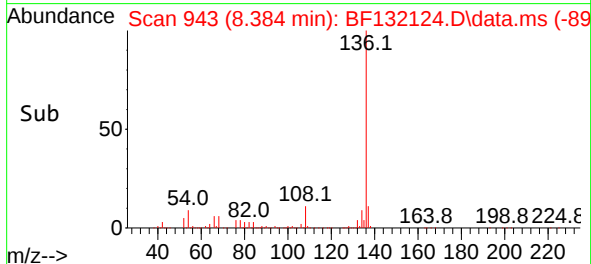
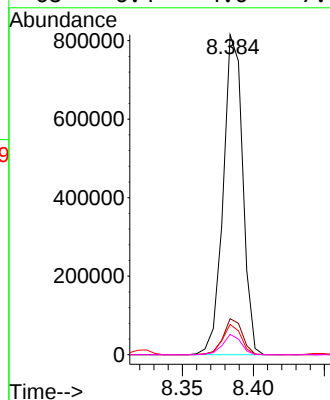
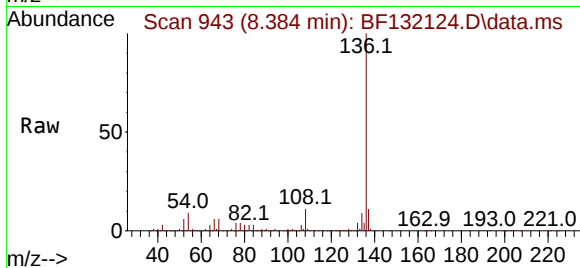


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.384 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Tgt Ion:136 Resp: 777350

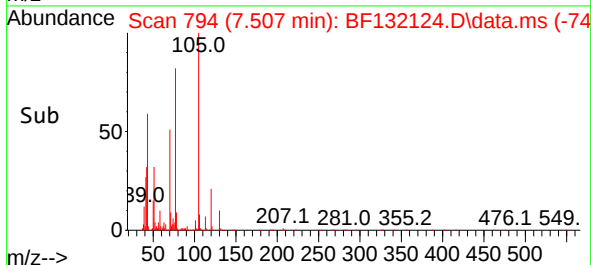
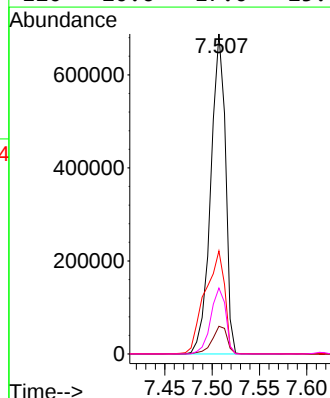
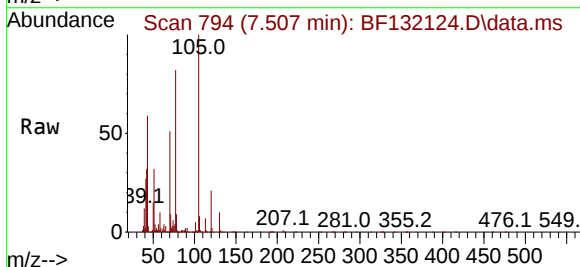
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.4	6.6	10.0
68	6.4	4.6	7.0

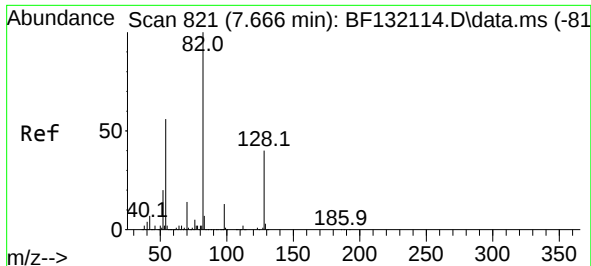


#22
Acetophenone
Concen: 41.465 ng
RT: 7.507 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:105 Resp: 743534

Ion	Ratio	Lower	Upper
105	100		
71	8.7	6.0	9.0
51	32.2	26.6	39.8
120	20.6	17.0	25.4

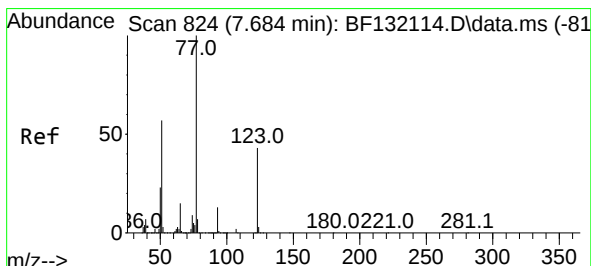
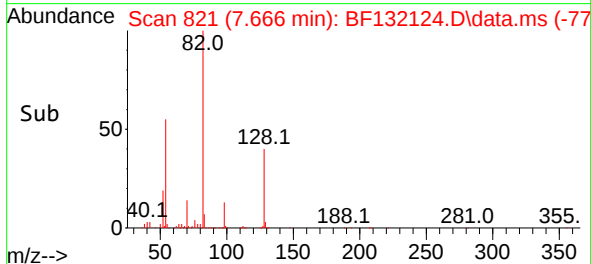
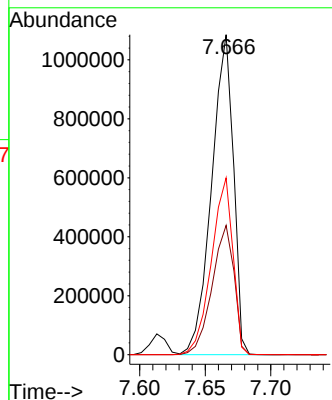
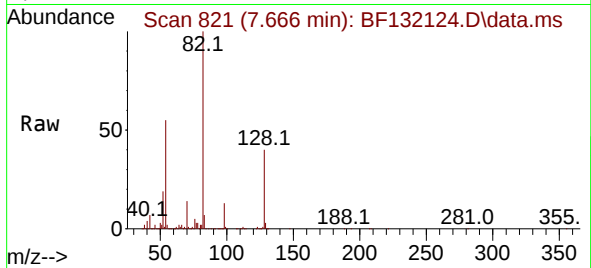




#23
Nitrobenzene-d5
Concen: 85.445 ng
RT: 7.666 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

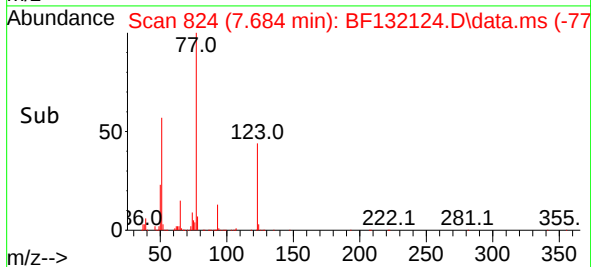
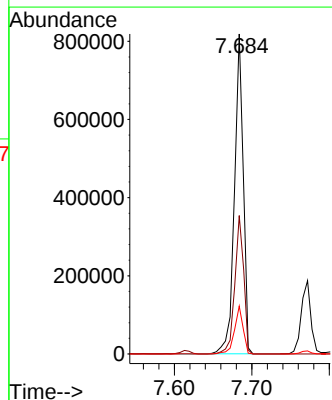
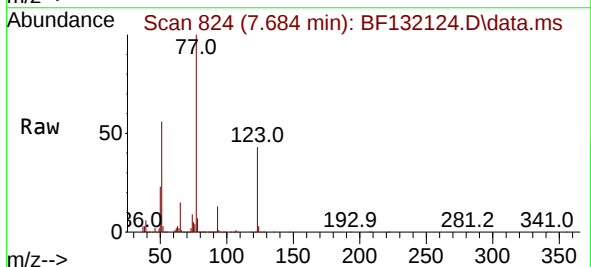
Instrument :
BNA_F
ClientSampleId :
PB150209BS

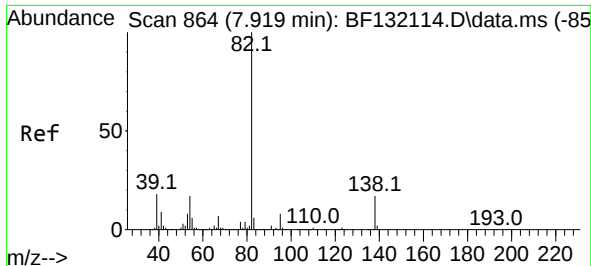
Tgt Ion: 82 Resp: 1251328
Ion Ratio Lower Upper
82 100
128 40.4 32.0 48.0
54 55.2 45.1 67.7



#24
Nitrobenzene
Concen: 42.286 ng
RT: 7.684 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion: 77 Resp: 648446
Ion Ratio Lower Upper
77 100
123 43.3 34.6 52.0
65 14.9 11.8 17.8

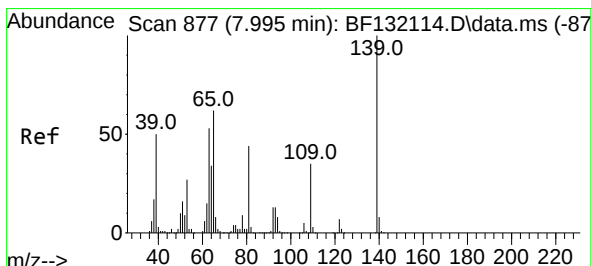
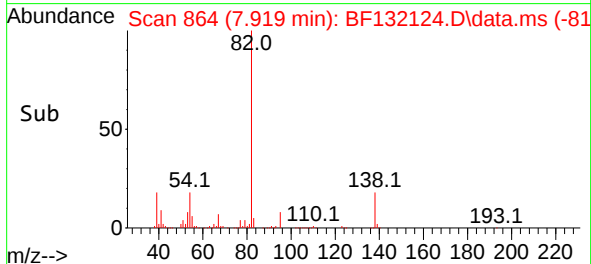
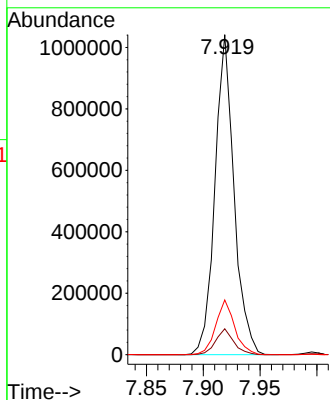
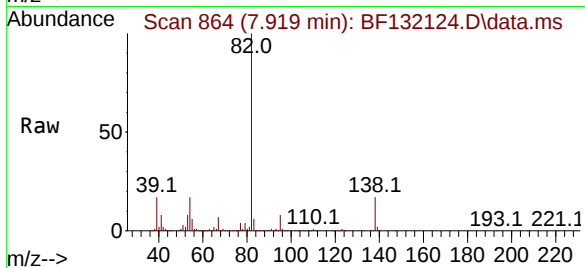




#25
Isophorone
Concen: 41.556 ng
RT: 7.919 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

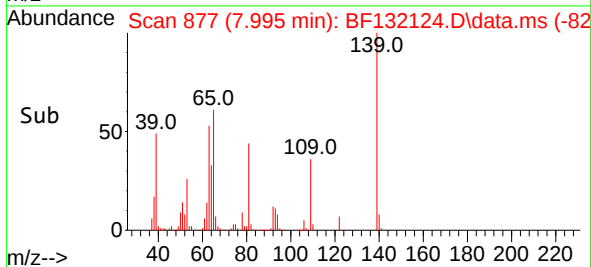
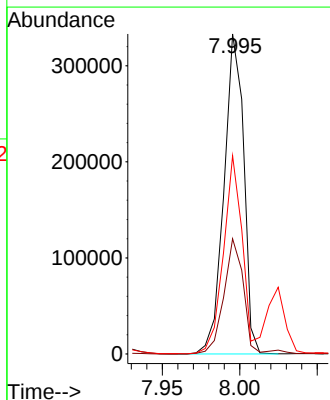
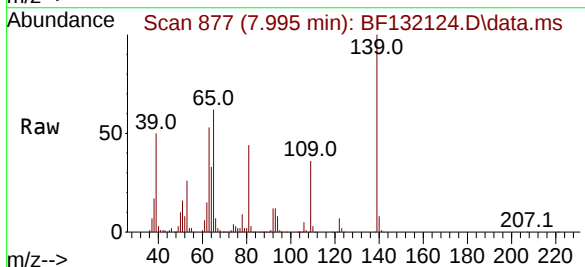
Instrument :
BNA_F
ClientSampleId :
PB150209BS

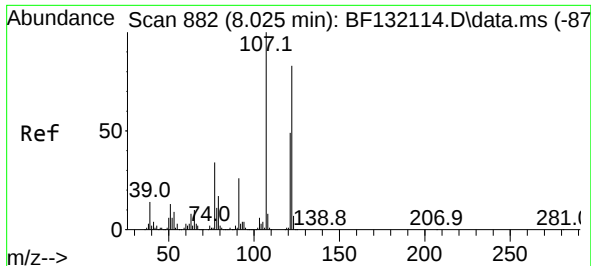
Tgt Ion: 82 Resp: 1217698
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 17.1 13.4 20.2



#26
2-Nitrophenol
Concen: 47.234 ng
RT: 7.995 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:139 Resp: 295121
Ion Ratio Lower Upper
139 100
109 36.0 28.3 42.5
65 61.9 49.6 74.4

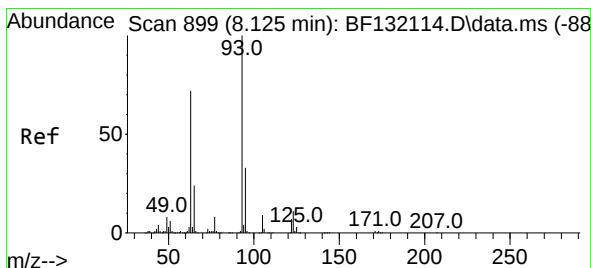
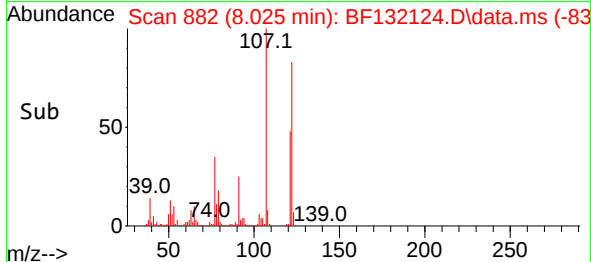
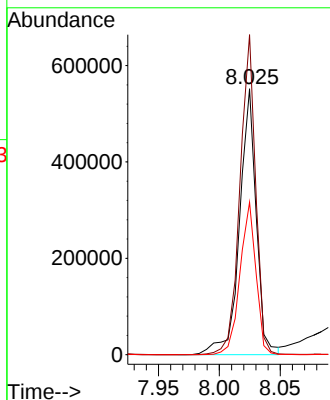
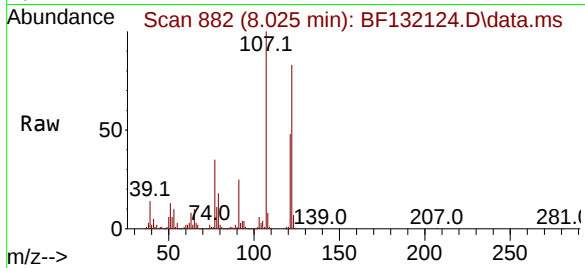




#27
2,4-Dimethylphenol
Concen: 42.492 ng
RT: 8.025 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

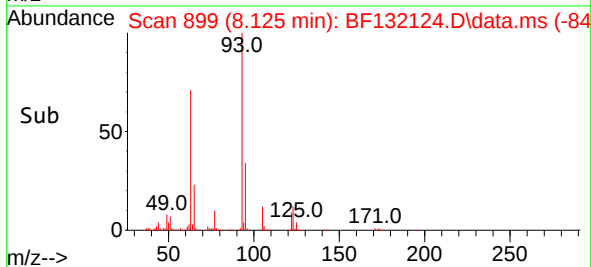
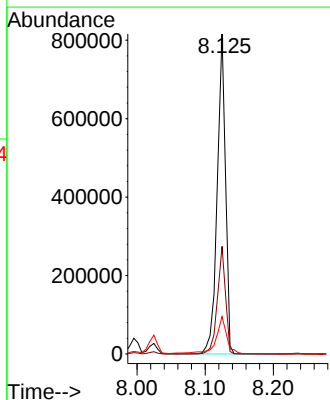
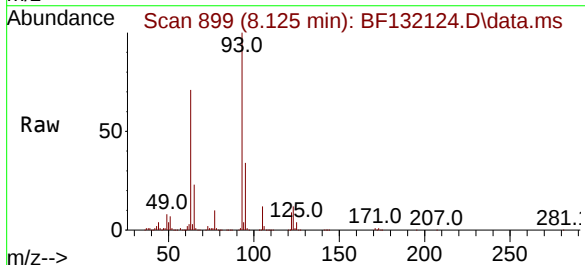
Instrument :
BNA_F
ClientSampleId :
PB150209BS

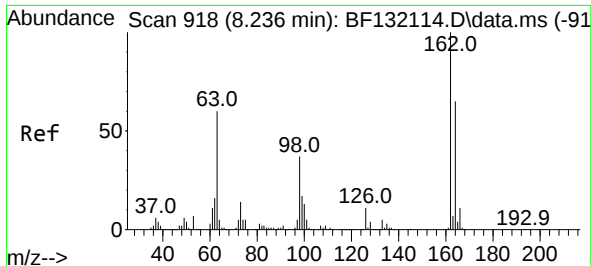
Tgt Ion:122 Resp: 529281
Ion Ratio Lower Upper
122 100
107 120.4 96.1 144.1
121 57.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.195 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion: 93 Resp: 692219
Ion Ratio Lower Upper
93 100
95 33.7 26.7 40.1
123 11.7 9.4 14.0

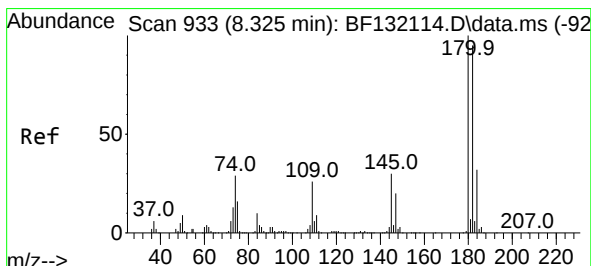
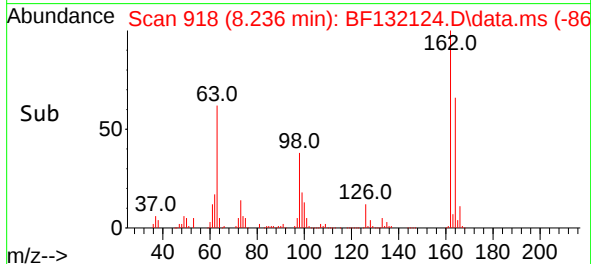
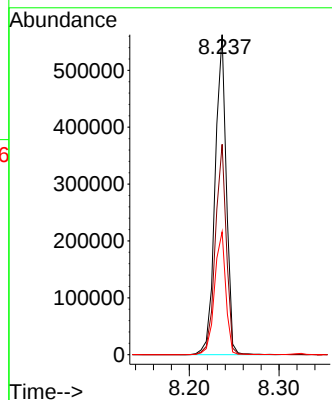
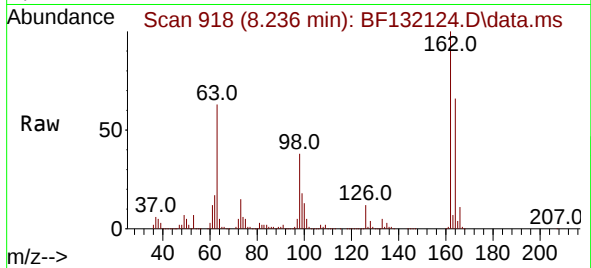




#29
2,4-Dichlorophenol
Concen: 41.864 ng
RT: 8.236 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

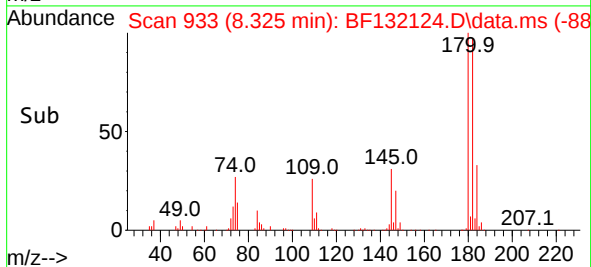
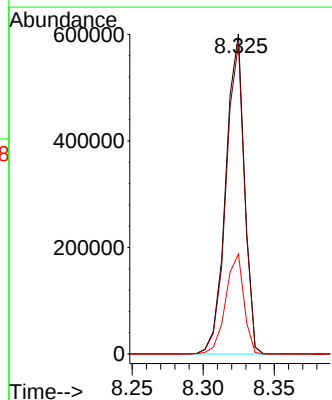
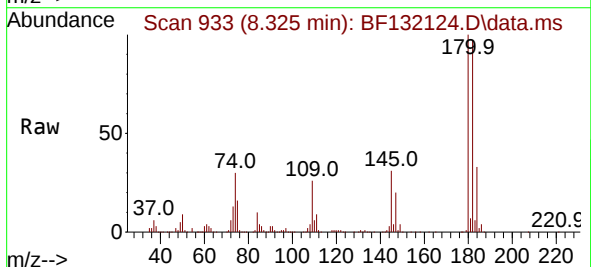
Instrument :
BNA_F
ClientSampleId :
PB150209BS

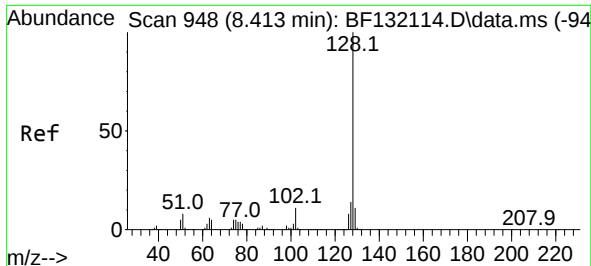
Tgt Ion:162 Resp: 488655
Ion Ratio Lower Upper
162 100
164 65.7 45.1 85.1
98 38.4 16.8 56.8



#30
1,2,4-Trichlorobenzene
Concen: 43.001 ng
RT: 8.325 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:180 Resp: 548484
Ion Ratio Lower Upper
180 100
182 97.0 75.9 113.9
145 31.2 24.3 36.5

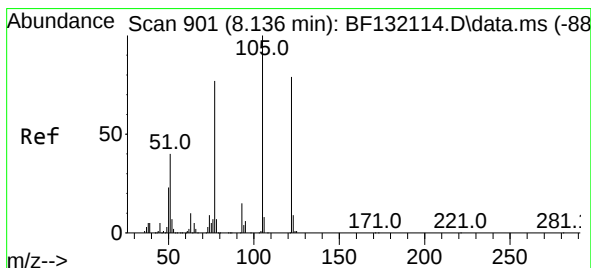
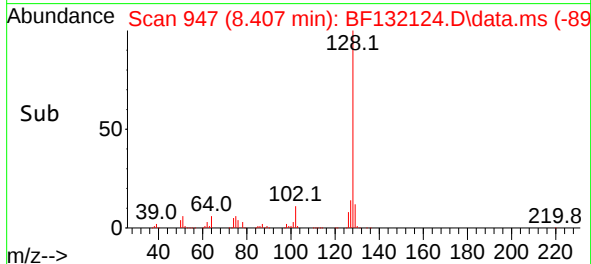
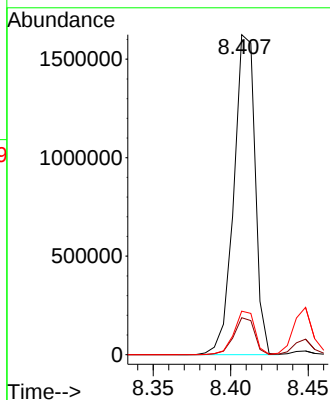
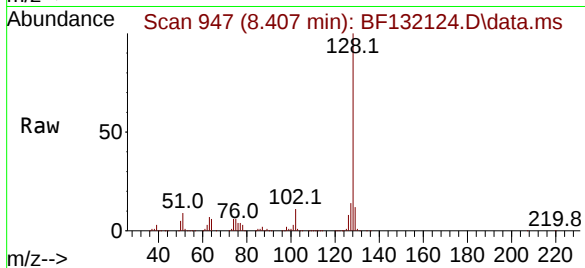




#31
Naphthalene
Concen: 40.605 ng
RT: 8.407 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

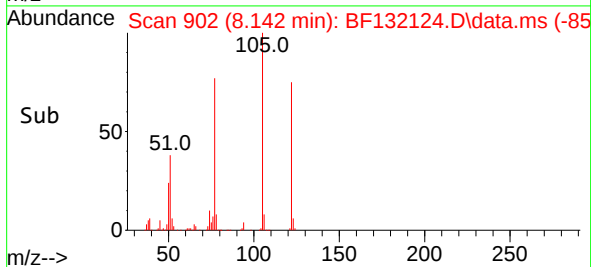
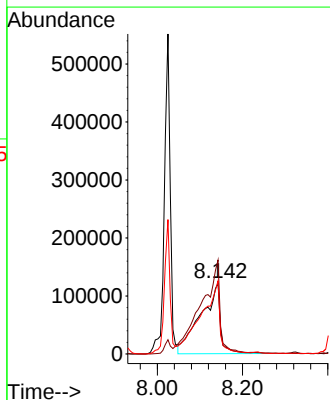
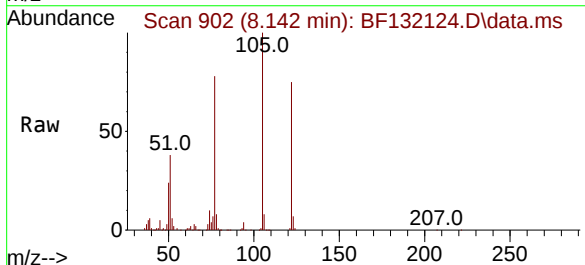
Instrument :
BNA_F
ClientSampleId :
PB150209BS

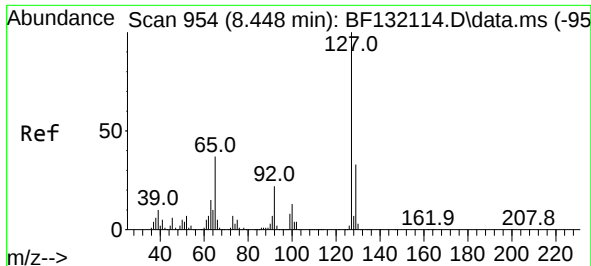
Tgt Ion:128 Resp: 1549733
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 46.092 ng
RT: 8.142 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:122 Resp: 394410
Ion Ratio Lower Upper
122 100
105 133.1 106.2 146.2
77 103.5 77.3 117.3



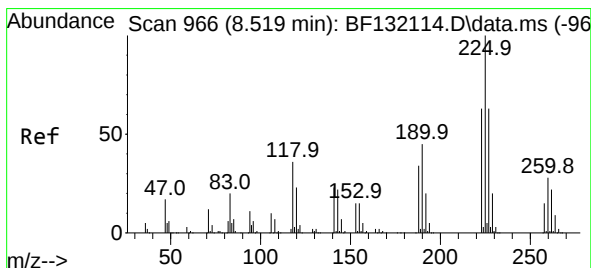
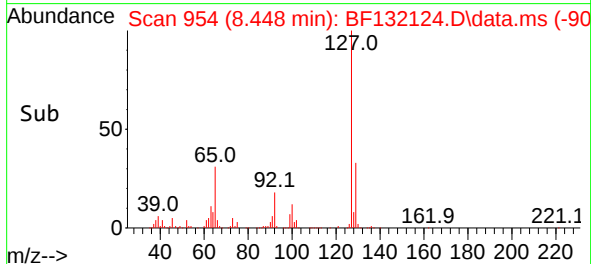
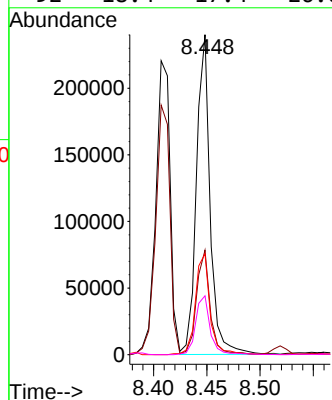
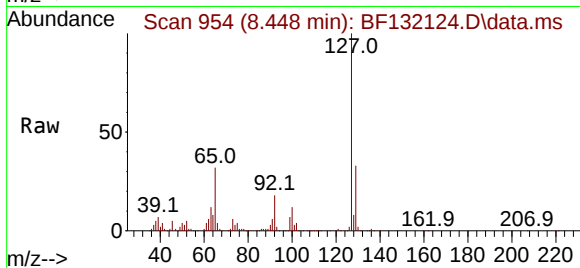


#33
 4-Chloroaniline
 Concen: 12.843 ng
 RT: 8.448 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BF132124.D
 Acq: 18 Jan 2023 18:20

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BS

Tgt Ion:127 Resp: 215209

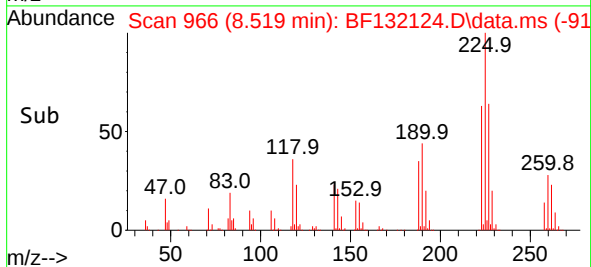
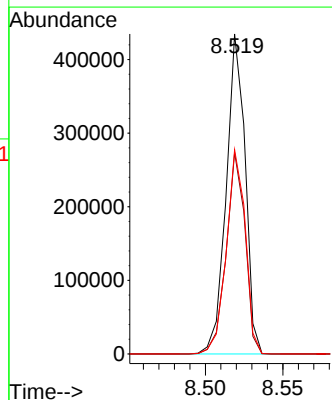
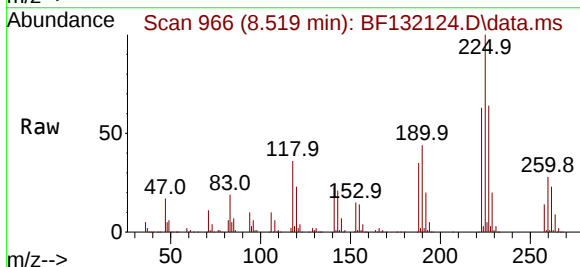
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	31.6	29.7	44.5
92	18.4	17.4	26.0

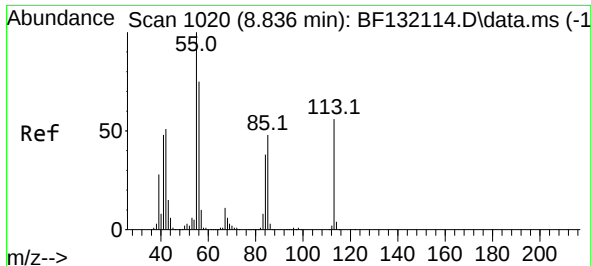


#34
 Hexachlorobutadiene
 Concen: 43.901 ng
 RT: 8.519 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: BF132124.D
 Acq: 18 Jan 2023 18:20

Tgt Ion:225 Resp: 369273

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.9	50.1	75.1

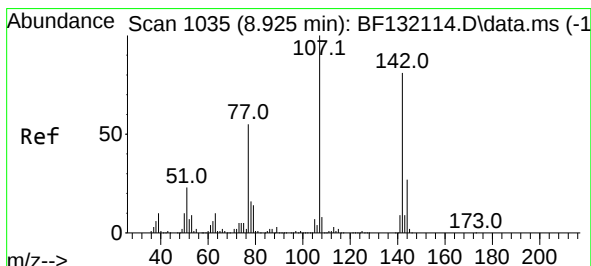
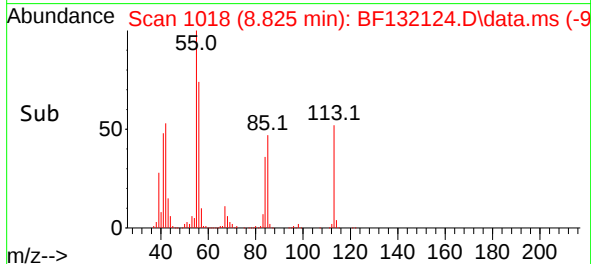
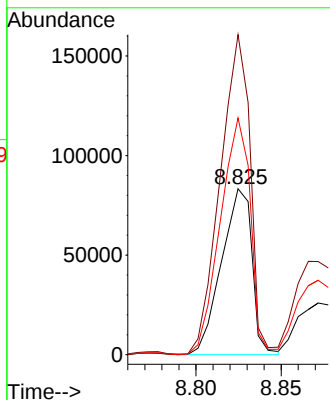
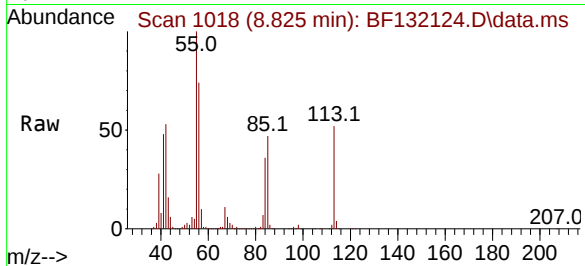




#35
Caprolactam
Concen: 27.262 ng
RT: 8.825 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

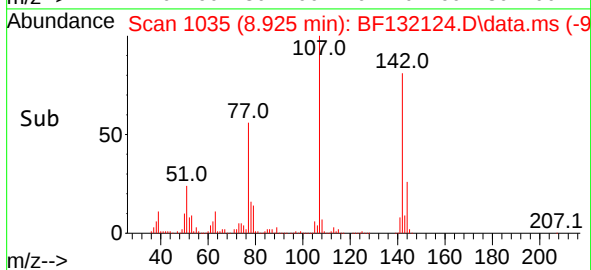
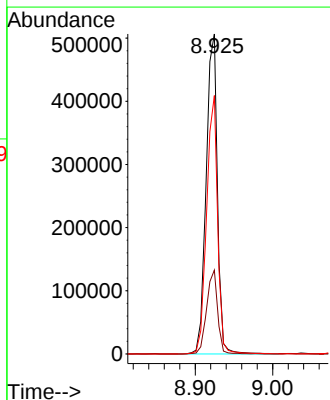
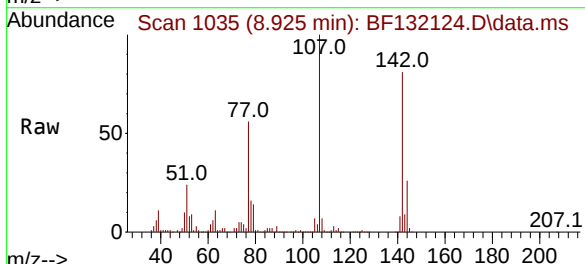
Instrument :
BNA_F
ClientSampleId :
PB150209BS

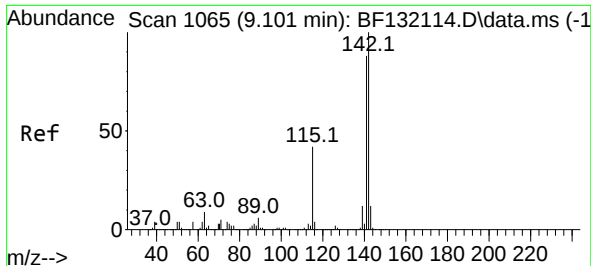
Tgt Ion:113 Resp: 103401
Ion Ratio Lower Upper
113 100
55 192.9 159.1 199.1
56 142.7 115.0 155.0



#36
4-Chloro-3-methylphenol
Concen: 41.887 ng
RT: 8.925 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:107 Resp: 509821
Ion Ratio Lower Upper
107 100
144 26.2 21.4 32.0
142 80.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 39.174 ng

RT: 9.101 min Scan# 1065

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

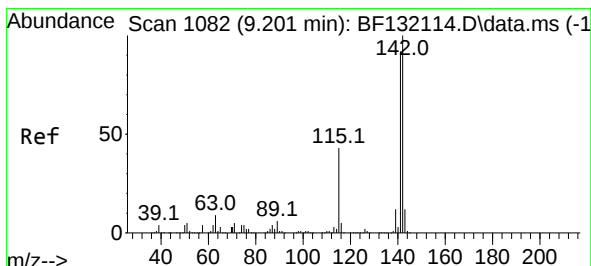
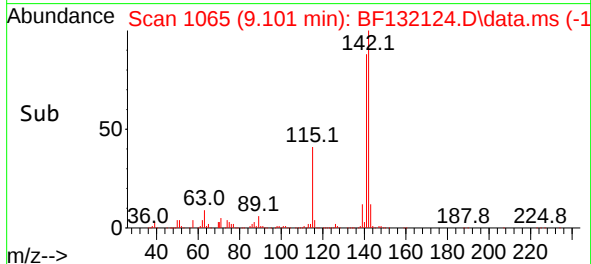
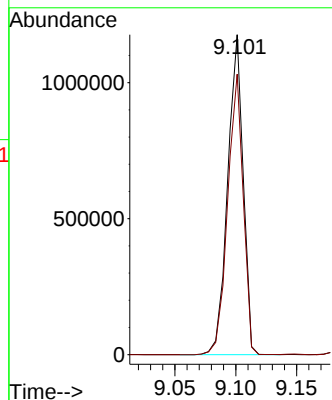
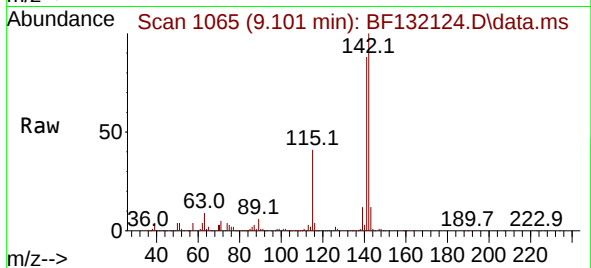
PB150209BS

Tgt Ion:142 Resp: 1041141

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 39.008 ng

RT: 9.201 min Scan# 1082

Delta R.T. 0.000 min

Lab File: BF132124.D

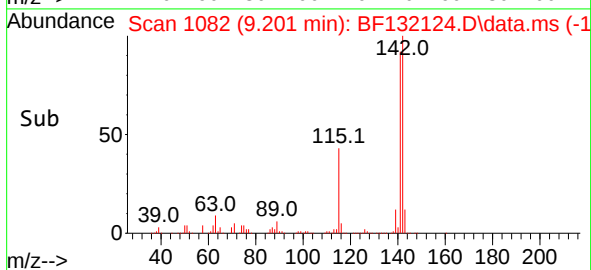
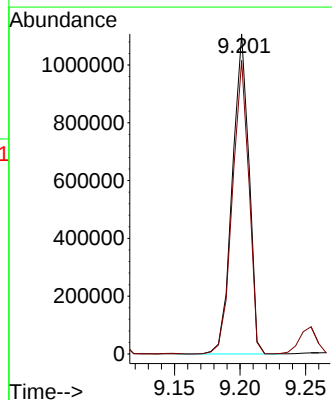
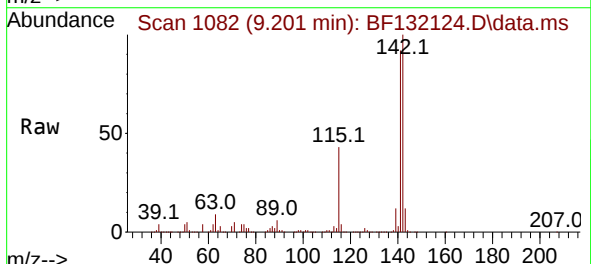
Acq: 18 Jan 2023 18:20

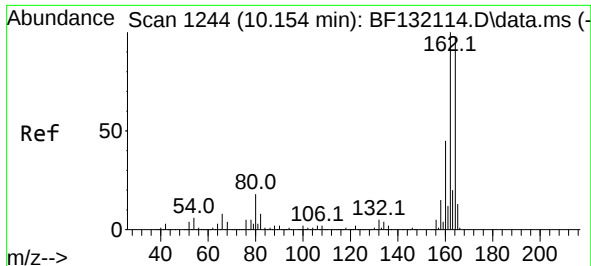
Tgt Ion:142 Resp: 974065

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

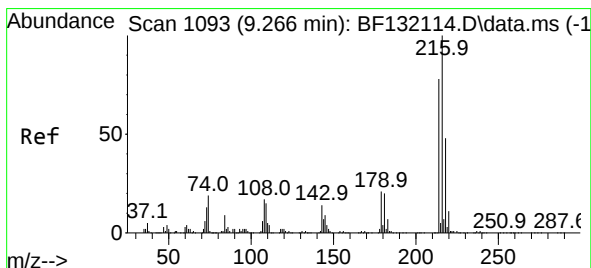
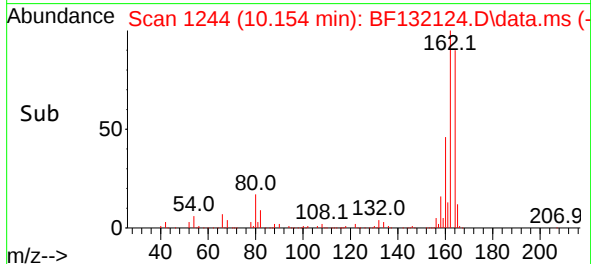
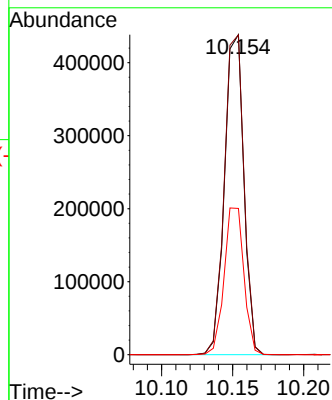
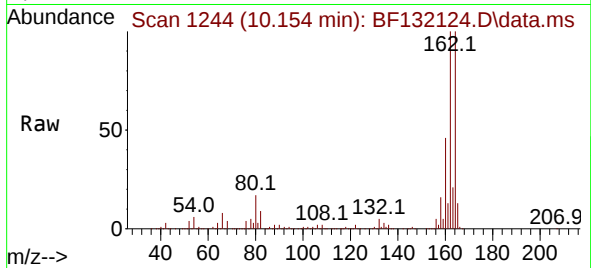




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

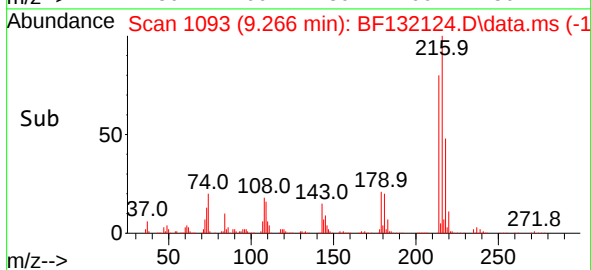
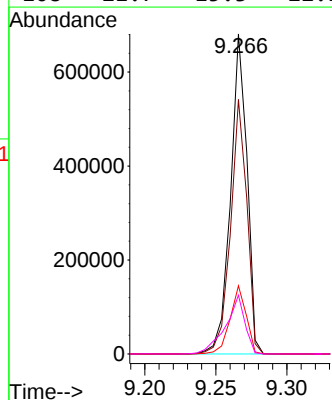
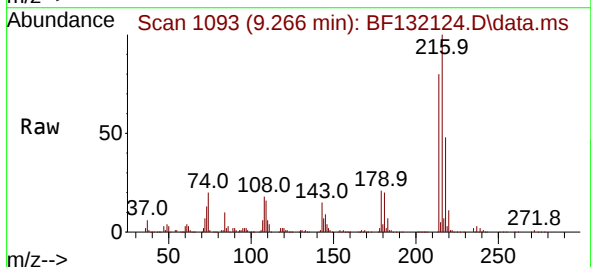
Instrument :
BNA_F
ClientSampleId :
PB150209BS

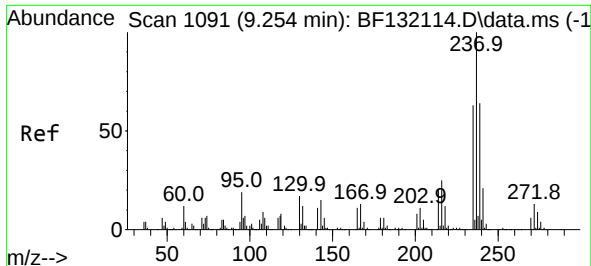
Tgt Ion:164 Resp: 414470
Ion Ratio Lower Upper
164 100
162 99.9 82.3 123.5
160 45.7 37.3 55.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.195 ng
RT: 9.266 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:216 Resp: 548780
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 21.0 16.8 25.2
108 21.7 15.3 22.9

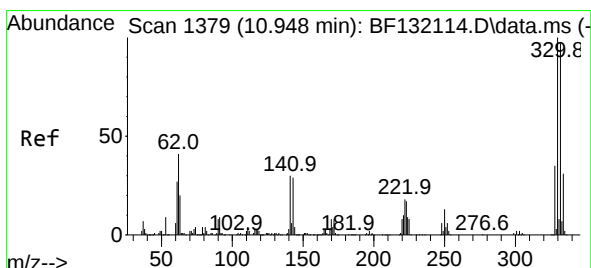
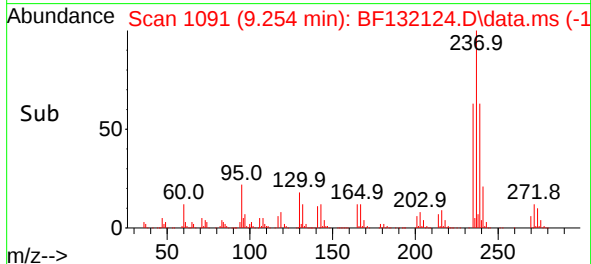
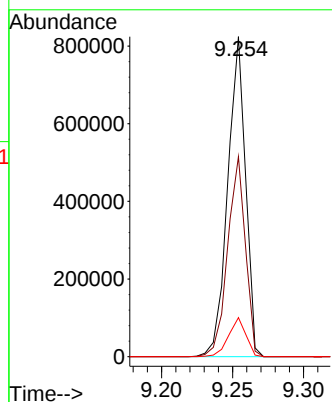
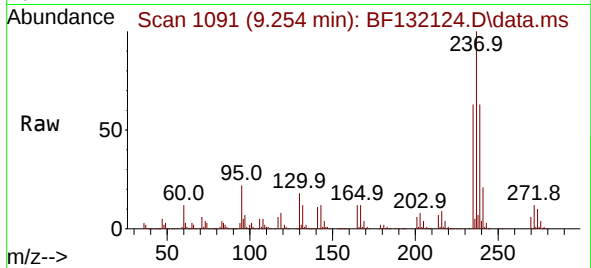




#41
Hexachlorocyclopentadiene
Concen: 101.588 ng
RT: 9.254 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

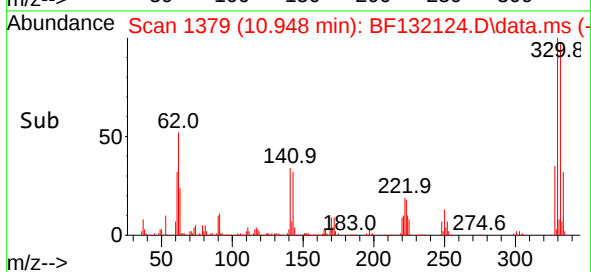
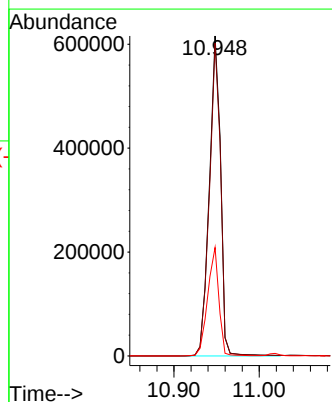
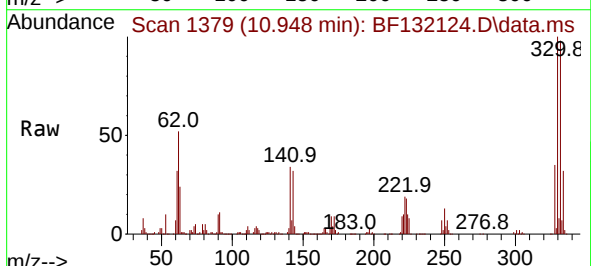
Instrument :
BNA_F
ClientSampleId :
PB150209BS

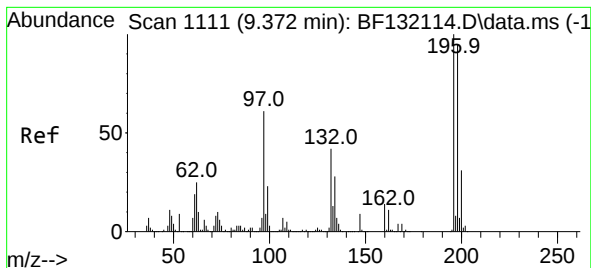
Tgt Ion:237 Resp: 719162
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 12.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 124.773 ng
RT: 10.948 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:330 Resp: 565823
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 33.9 28.2 42.4





#43

2,4,6-Trichlorophenol

Concen: 44.562 ng

RT: 9.372 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

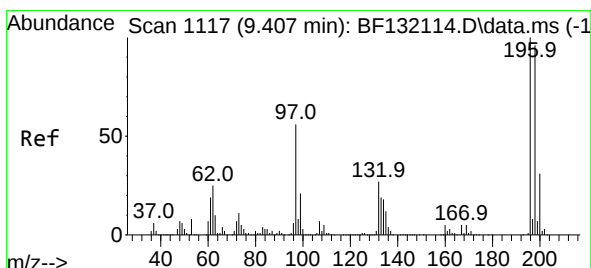
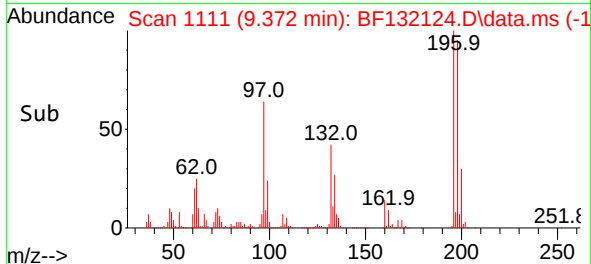
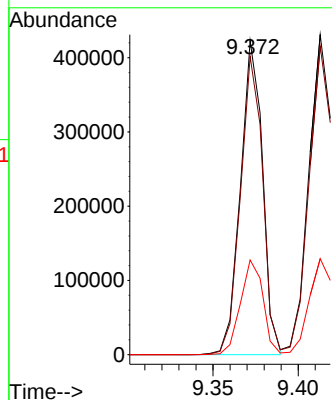
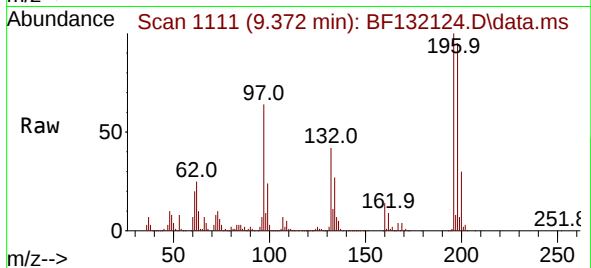
Tgt Ion:196 Resp: 381519

Ion Ratio Lower Upper

196 100

198 95.0 76.3 114.5

200 30.2 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 40.658 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Tgt Ion:196 Resp: 425377

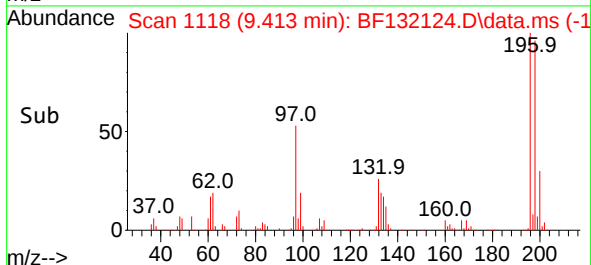
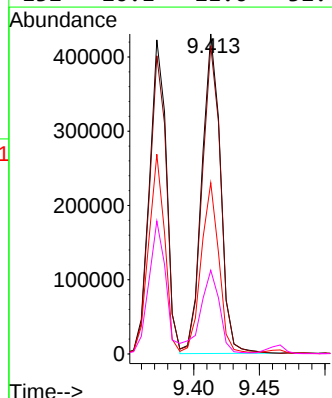
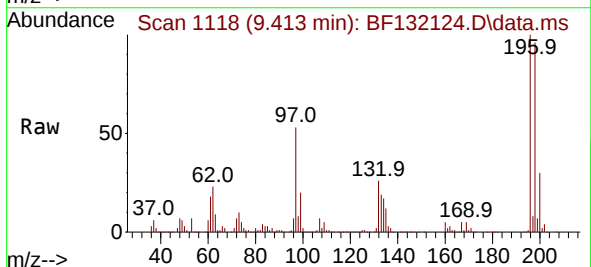
Ion Ratio Lower Upper

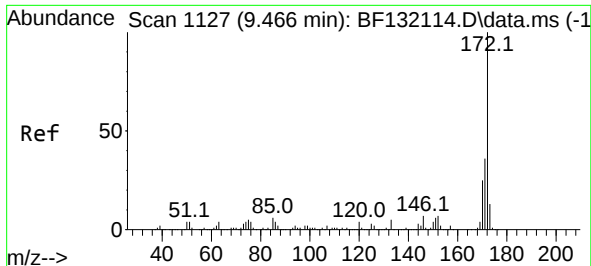
196 100

198 96.3 76.5 114.7

97 53.5 44.8 67.2

132 26.1 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 82.652 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

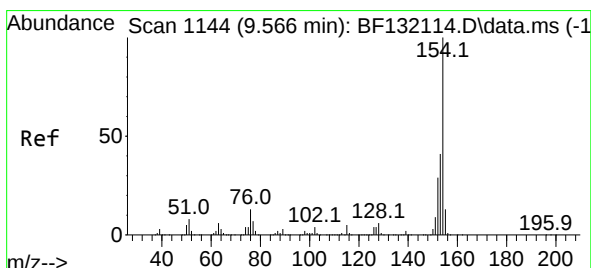
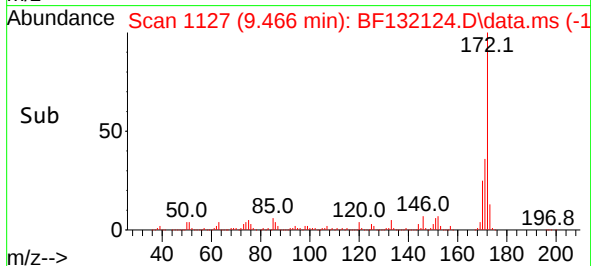
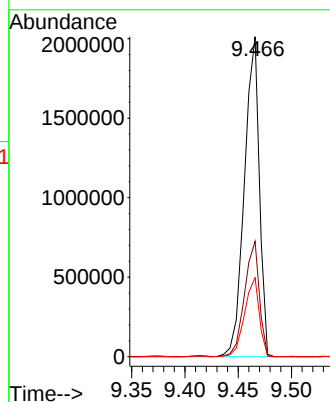
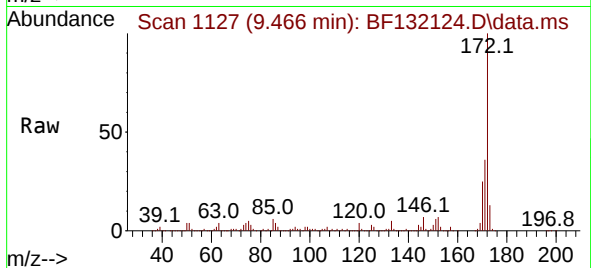
Tgt Ion:172 Resp: 1968902

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 41.425 ng

RT: 9.566 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

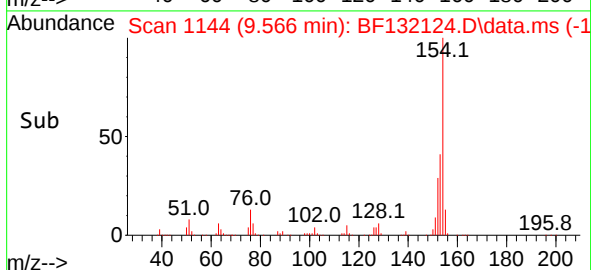
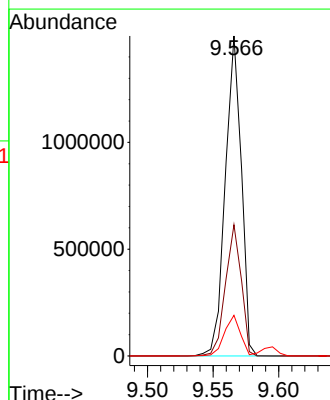
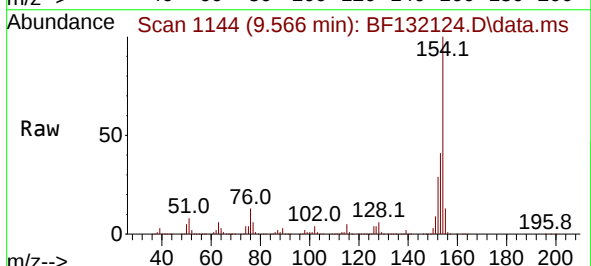
Tgt Ion:154 Resp: 1267634

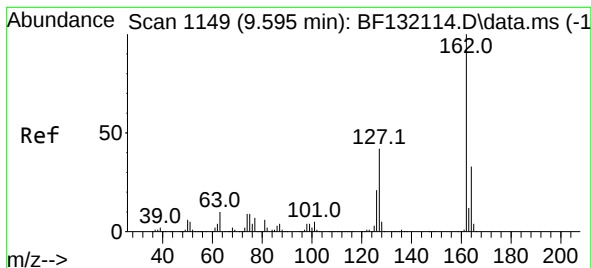
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 12.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.179 ng

RT: 9.595 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

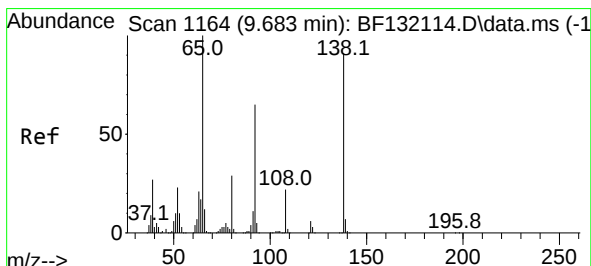
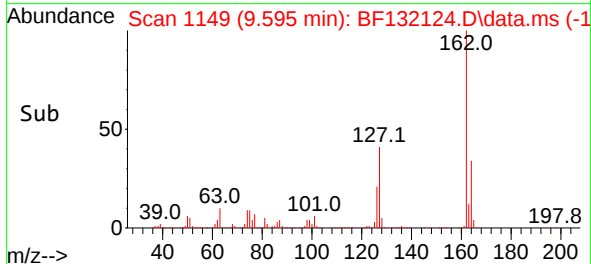
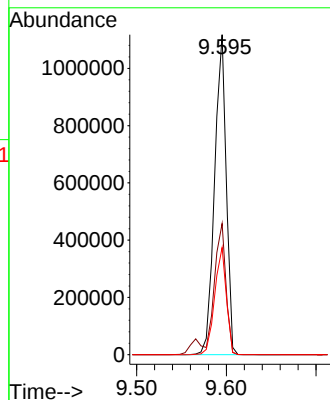
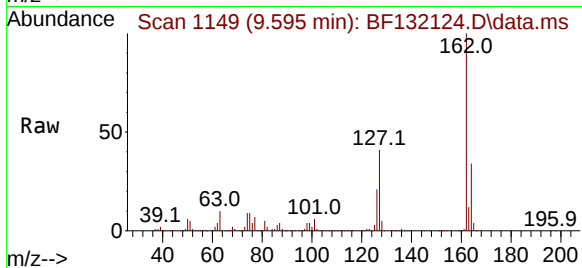
Tgt Ion:162 Resp: 1007117

Ion Ratio Lower Upper

162 100

127 41.0 33.8 50.8

164 33.5 26.5 39.7



#48

2-Nitroaniline

Concen: 42.867 ng

RT: 9.683 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

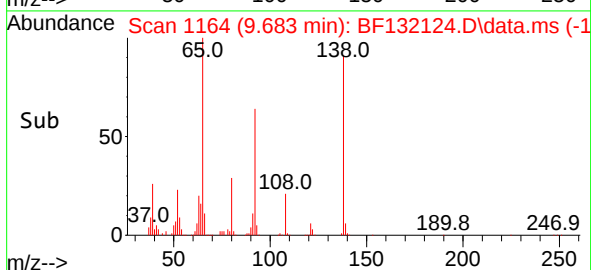
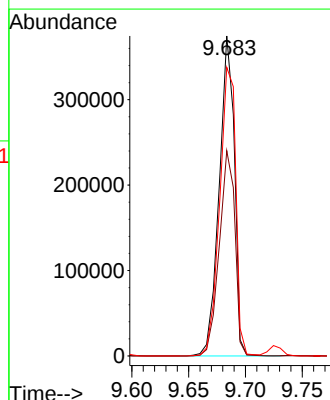
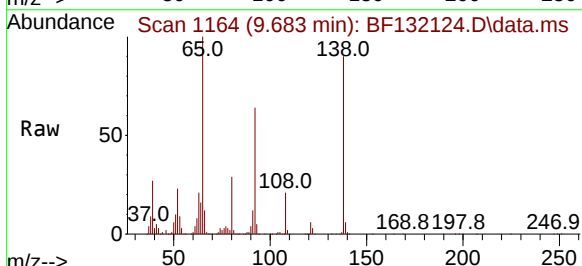
Tgt Ion: 65 Resp: 348933

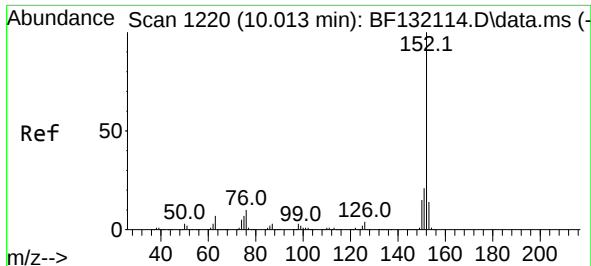
Ion Ratio Lower Upper

65 100

92 64.2 51.9 77.9

138 90.2 72.6 109.0

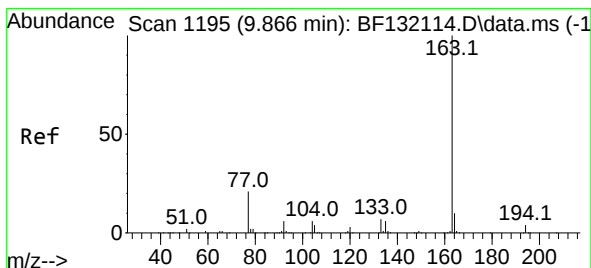
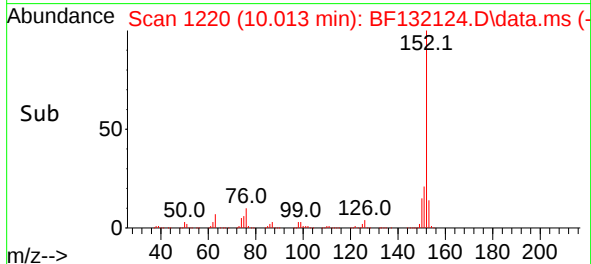
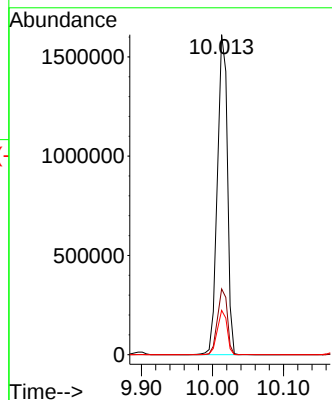
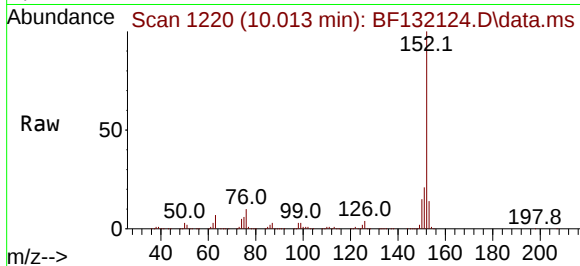




#49
Acenaphthylene
Concen: 40.679 ng
RT: 10.013 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

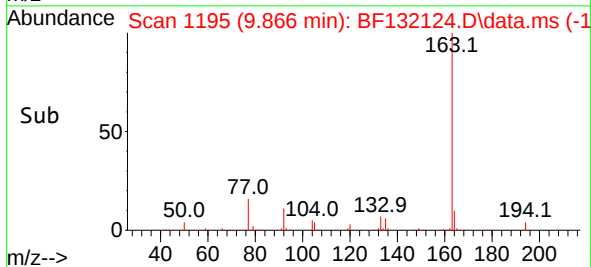
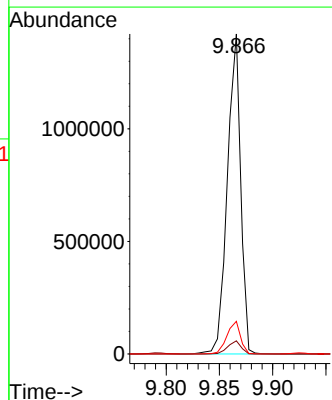
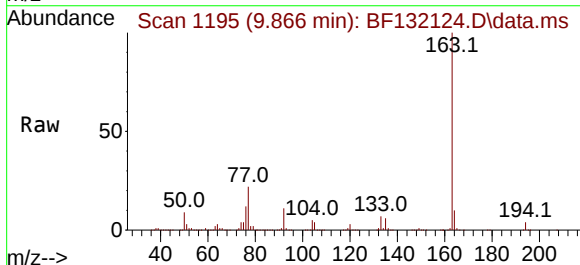
Instrument :
BNA_F
ClientSampleId :
PB150209BS

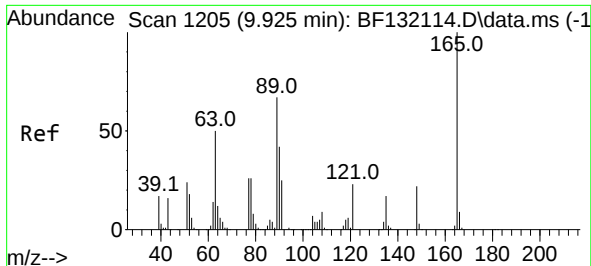
Tgt Ion:152 Resp: 1573975
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 13.9 11.0 16.4



#50
Dimethylphthalate
Concen: 40.871 ng
RT: 9.866 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:163 Resp: 1231433
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

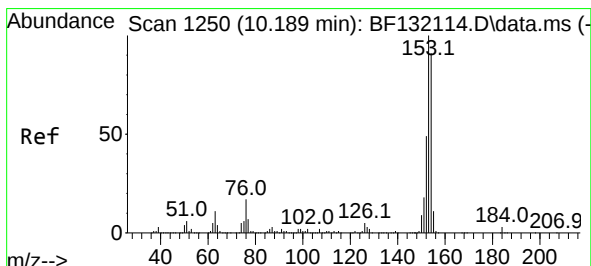
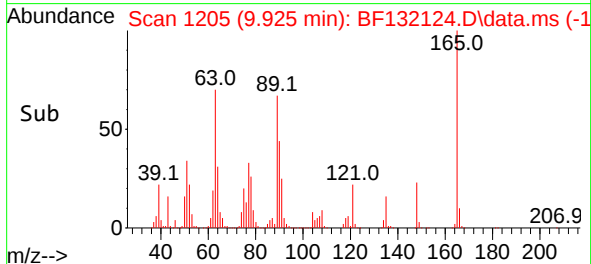
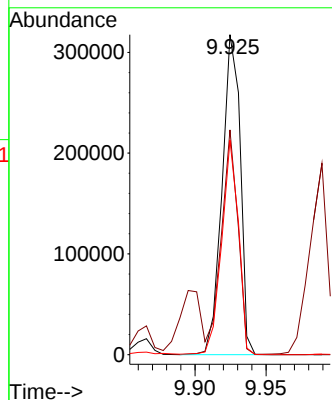
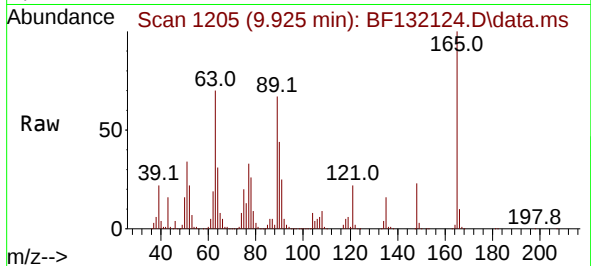




#51
2,6-Dinitrotoluene
Concen: 43.838 ng
RT: 9.925 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

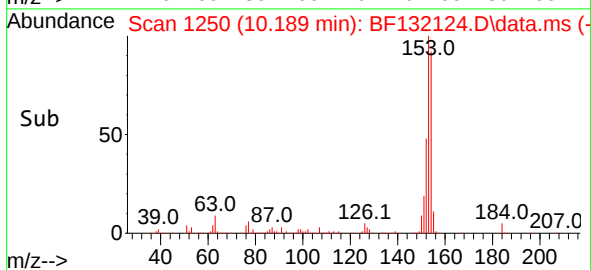
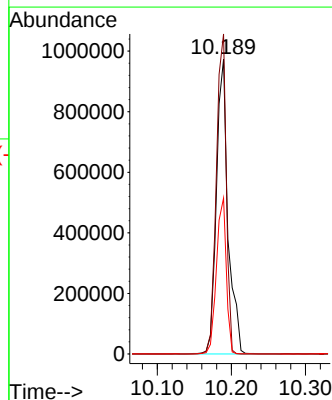
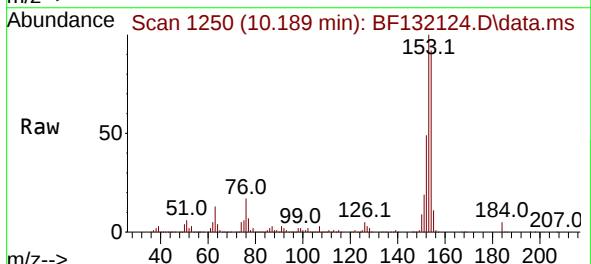
Instrument :
BNA_F
ClientSampleId :
PB150209BS

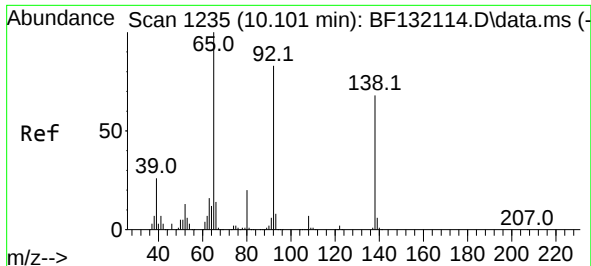
Tgt Ion:165 Resp: 280982
Ion Ratio Lower Upper
165 100
63 70.3 57.0 85.4
89 67.0 54.0 81.0



#52
Acenaphthene
Concen: 45.286 ng
RT: 10.189 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:154 Resp: 1061086
Ion Ratio Lower Upper
154 100
153 108.6 87.6 131.4
152 52.9 42.6 64.0

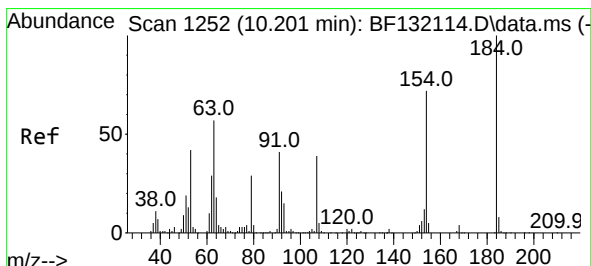
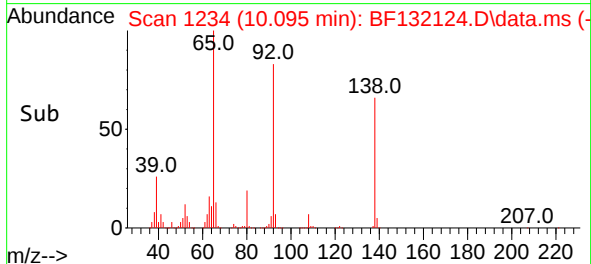
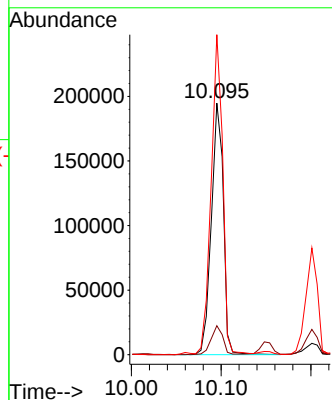
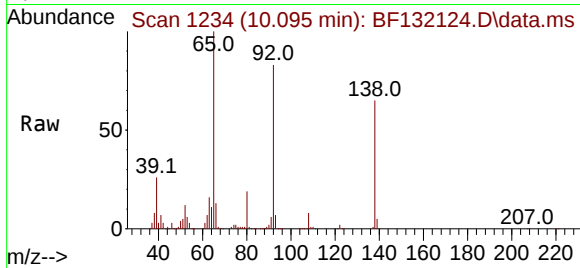




#53
3-Nitroaniline
Concen: 26.650 ng
RT: 10.095 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

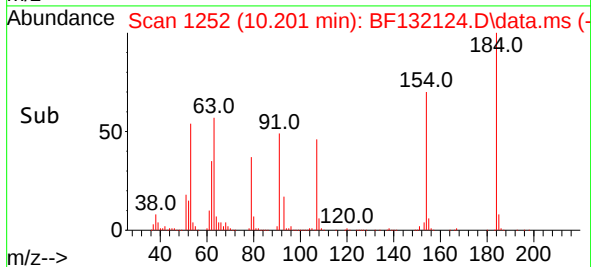
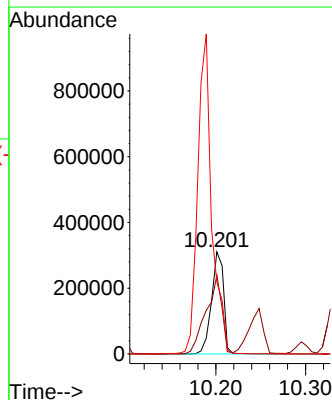
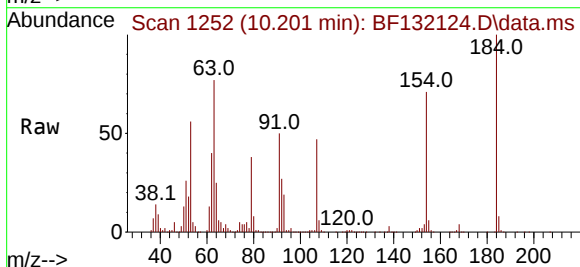
Instrument :
BNA_F
ClientSampleId :
PB150209BS

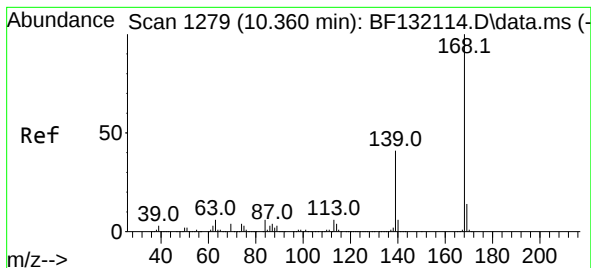
Tgt Ion:138 Resp: 180835
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 127.2 97.4 146.2



#54
2,4-Dinitrophenol
Concen: 106.998 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:184 Resp: 291380
Ion Ratio Lower Upper
184 100
63 77.0 45.8 68.8#
154 70.5 59.2 88.8

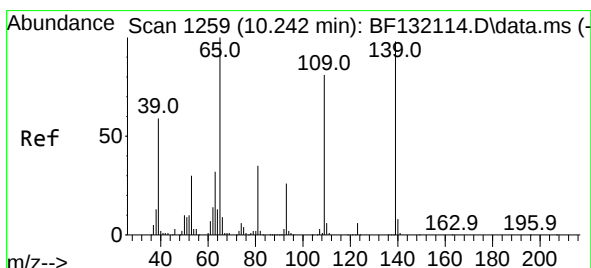
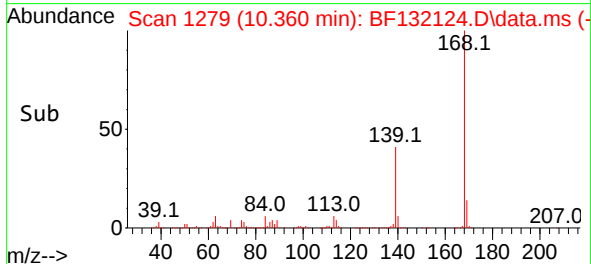
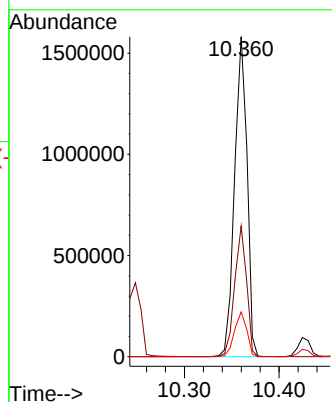
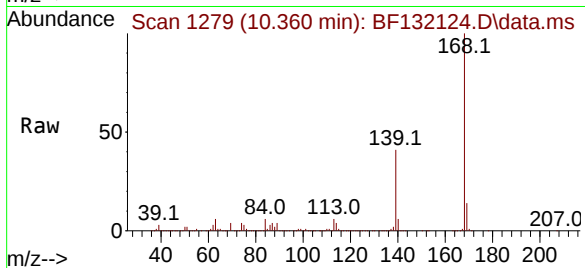




#55
Dibenzenofuran
Concen: 40.006 ng
RT: 10.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

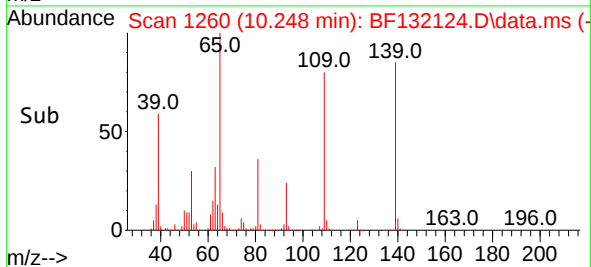
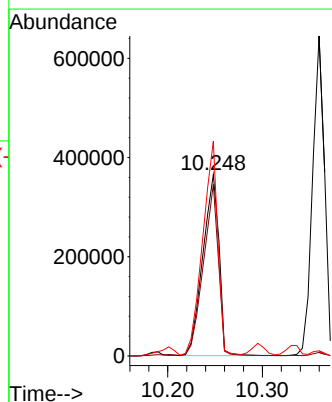
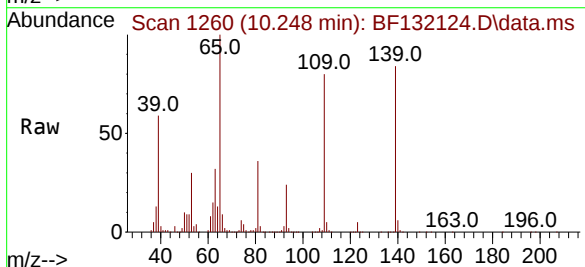
Instrument :
BNA_F
ClientSampleId :
PB150209BS

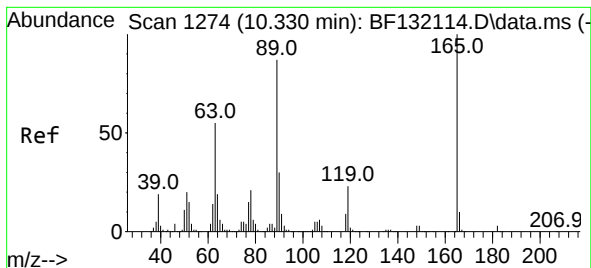
Tgt Ion:168 Resp: 1442307
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 14.0 11.0 16.4



#56
4-Nitrophenol
Concen: 88.764 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:139 Resp: 430308
Ion Ratio Lower Upper
139 100
109 94.6 62.1 102.1
65 118.5 82.2 122.2

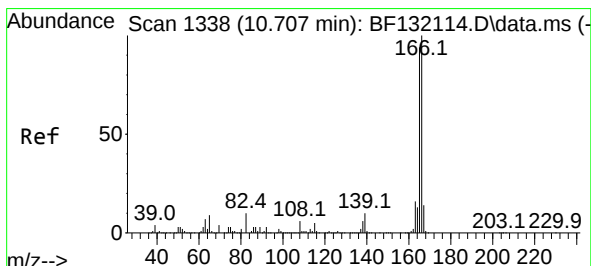
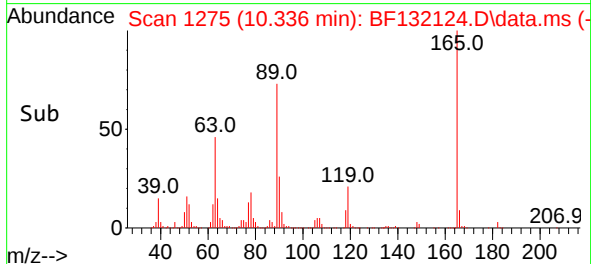
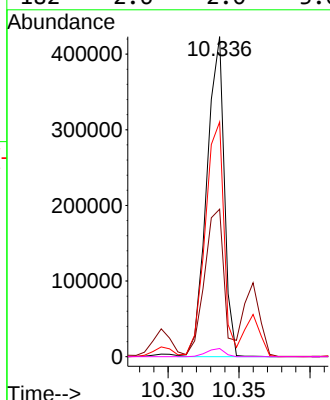
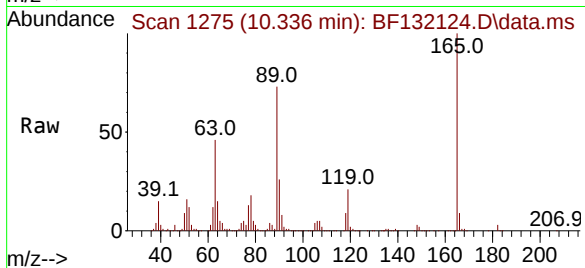




#57
2,4-Dinitrotoluene
Concen: 45.752 ng
RT: 10.336 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

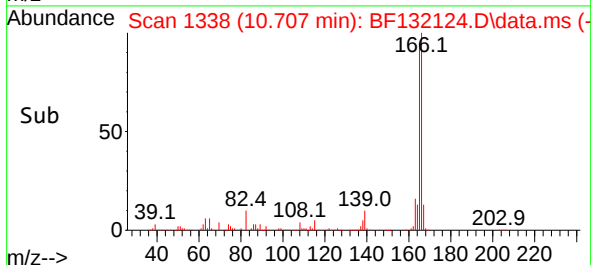
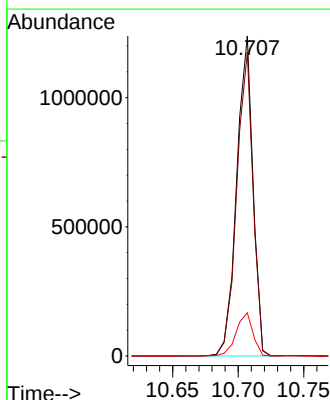
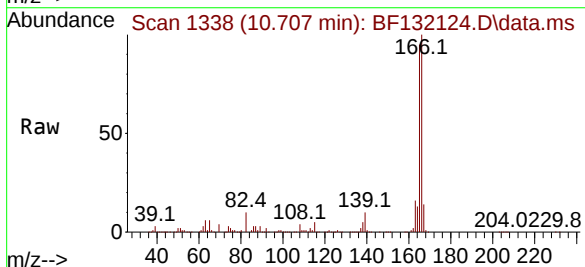
Instrument :
BNA_F
ClientSampleId :
PB150209BS

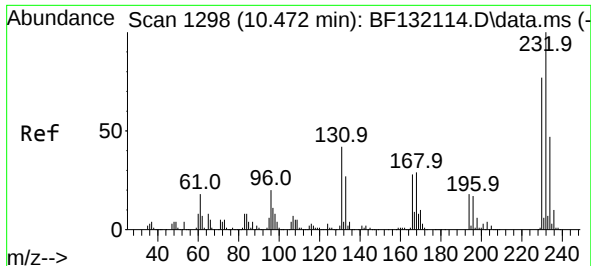
Tgt Ion:165 Resp: 362211
Ion Ratio Lower Upper
165 100
63 46.1 44.1 66.1
89 73.4 69.3 103.9
182 2.6 2.0 3.0



#58
Fluorene
Concen: 40.130 ng
RT: 10.707 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:166 Resp: 1072920
Ion Ratio Lower Upper
166 100
165 94.9 75.2 112.8
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.922 ng

RT: 10.472 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

Tgt Ion:232 Resp: 361682

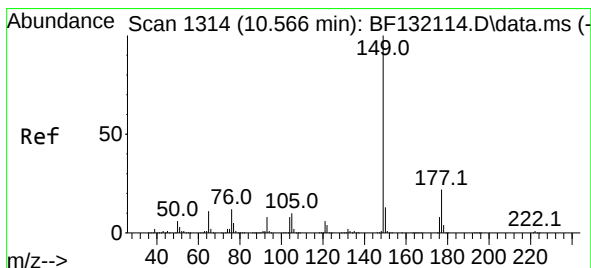
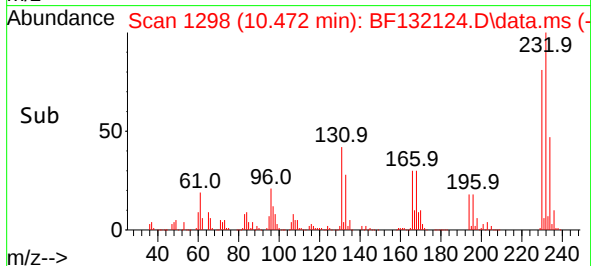
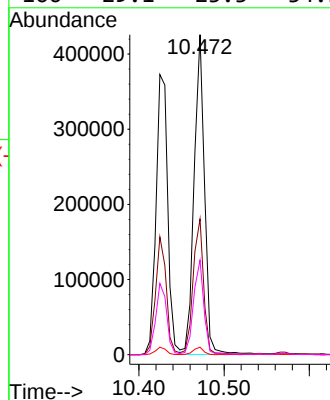
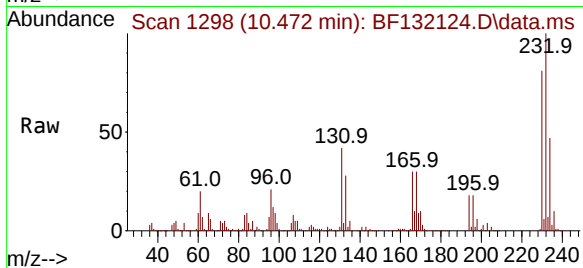
Ion Ratio Lower Upper

232 100

131 42.2 34.3 51.5

130 2.3 1.9 2.9

166 29.1 23.3 34.9



#60

Diethylphthalate

Concen: 40.769 ng

RT: 10.566 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

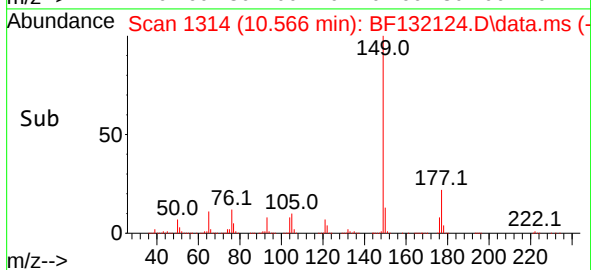
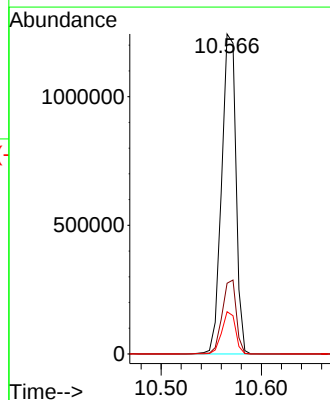
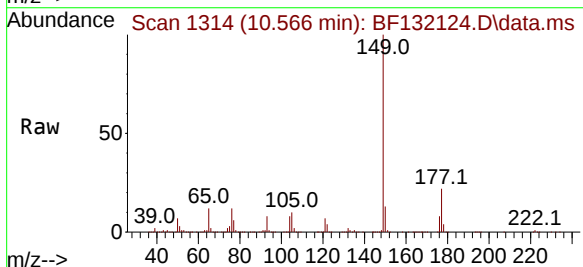
Tgt Ion:149 Resp: 1229991

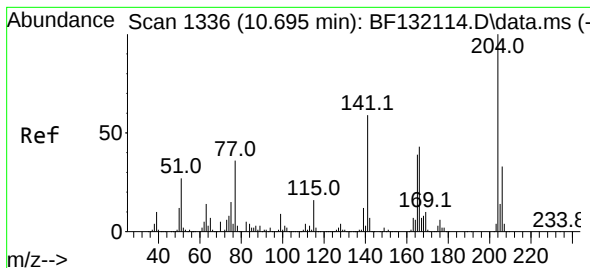
Ion Ratio Lower Upper

149 100

177 22.1 17.7 26.5

150 13.2 10.4 15.6

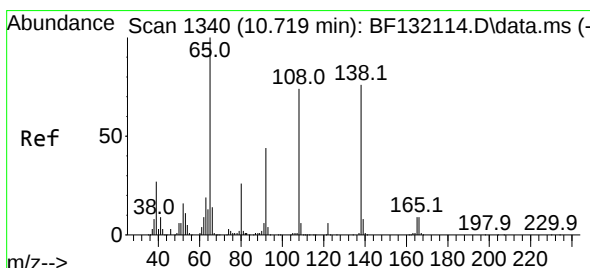
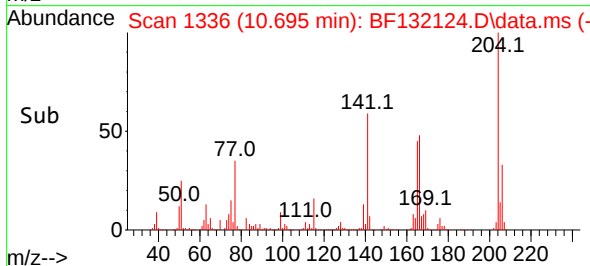
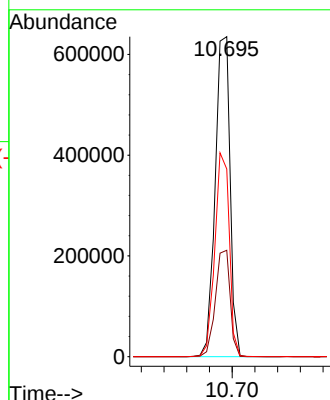
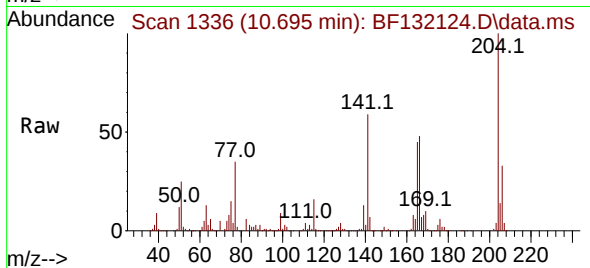




#61
4-Chlorophenyl-phenylether
Concen: 40.244 ng
RT: 10.695 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

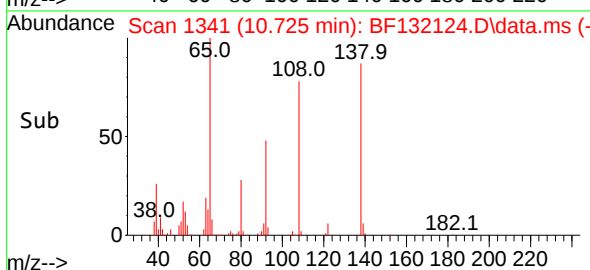
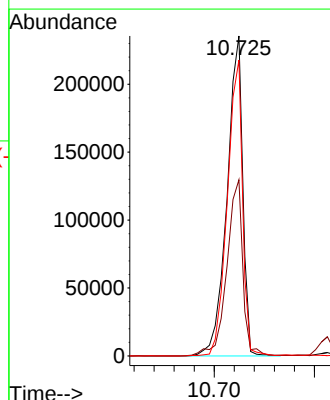
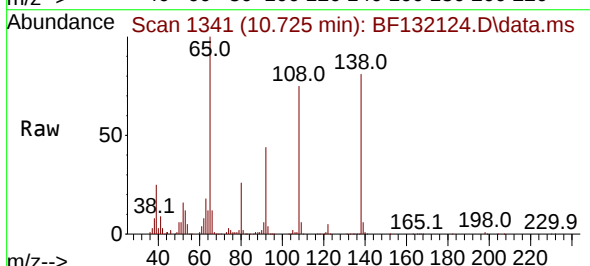
Instrument :
BNA_F
ClientSampleId :
PB150209BS

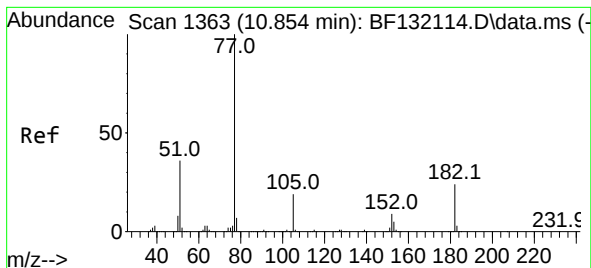
Tgt Ion:204 Resp: 578335
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 58.7 47.1 70.7



#62
4-Nitroaniline
Concen: 41.910 ng
RT: 10.725 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:138 Resp: 256446
Ion Ratio Lower Upper
138 100
92 55.1 38.7 78.7
108 92.5 77.1 117.1





#63

Azobenzene

Concen: 40.120 ng

RT: 10.854 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

Tgt Ion: 77 Resp: 1178992

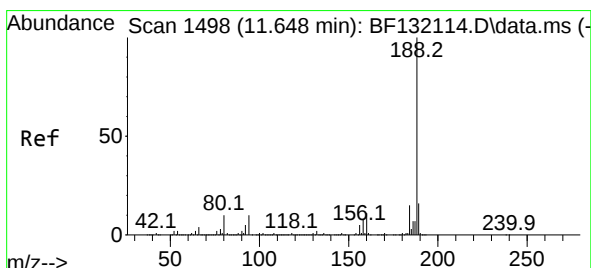
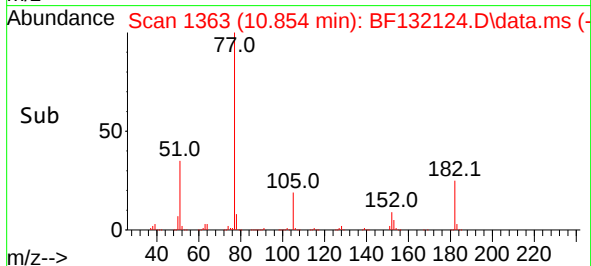
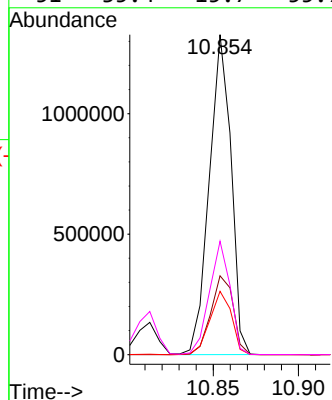
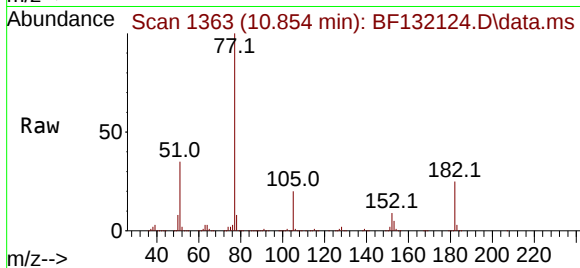
Ion Ratio Lower Upper

77 100

182 24.6 4.1 44.1

105 19.8 0.0 39.1

51 35.4 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.648 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

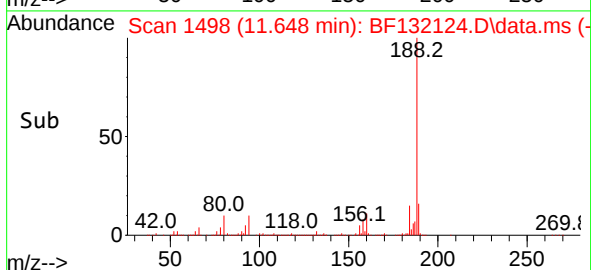
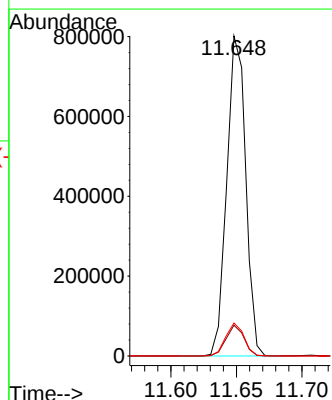
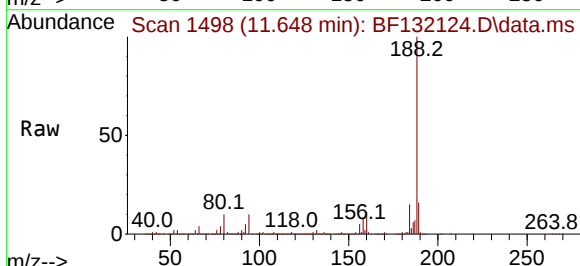
Tgt Ion: 188 Resp: 803004

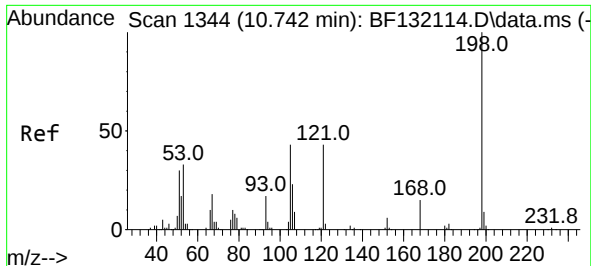
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.3 8.2 12.4

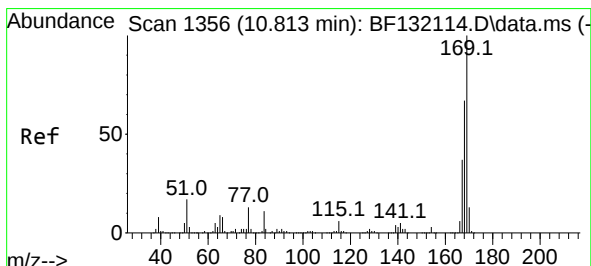
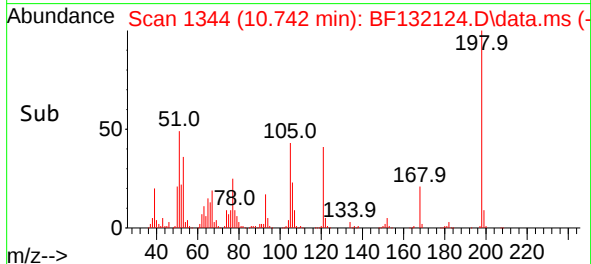
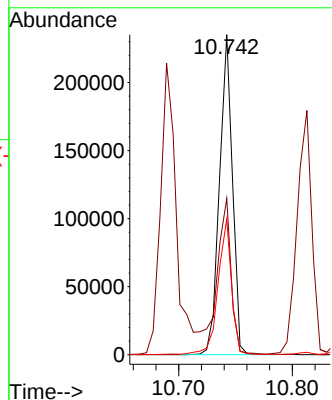
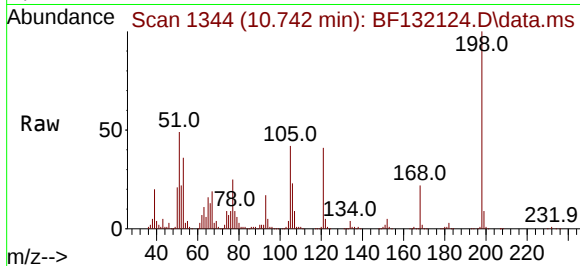




#65
4,6-Dinitro-2-methylphenol
Concen: 50.083 ng
RT: 10.742 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

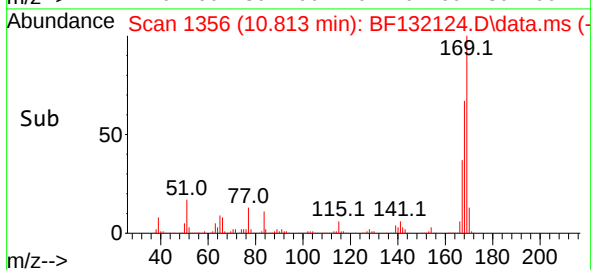
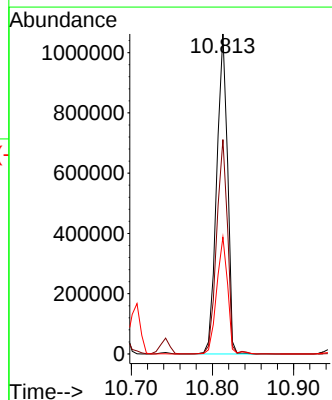
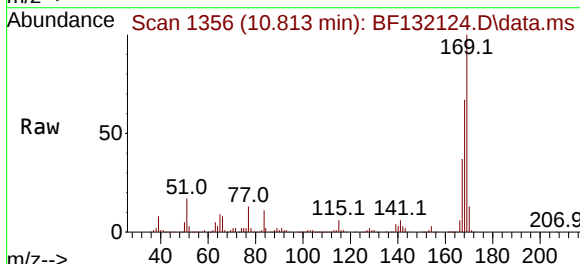
Instrument :
BNA_F
ClientSampleId :
PB150209BS

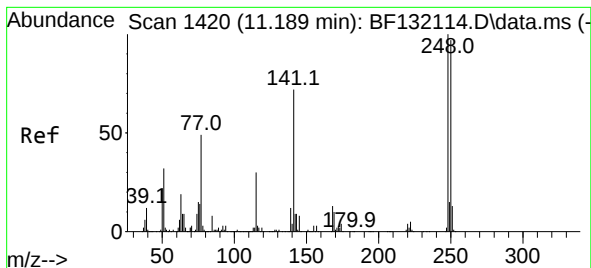
Tgt Ion:198 Resp: 187022
Ion Ratio Lower Upper
198 100
51 48.8 28.4 68.4
105 42.4 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 40.682 ng
RT: 10.813 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:169 Resp: 980411
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.5 29.4 44.0

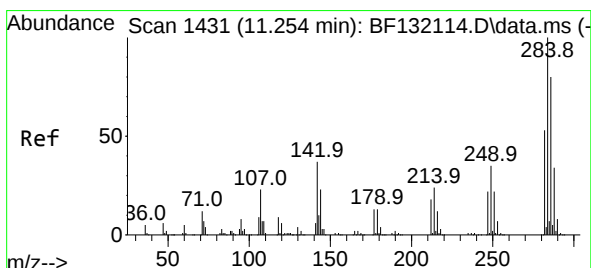
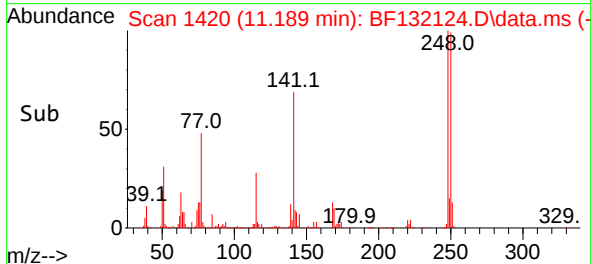
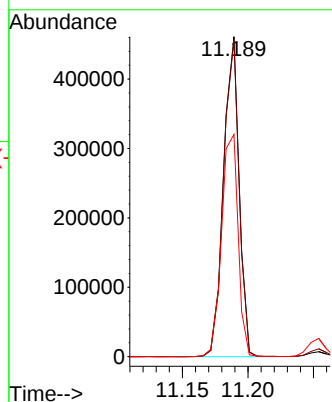
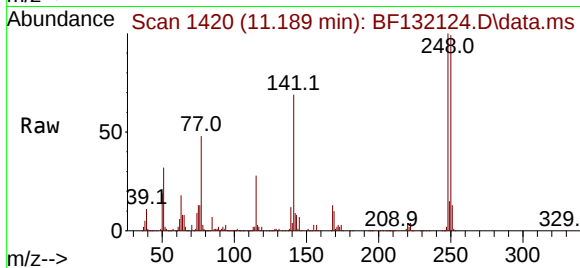




#67
4-Bromophenyl-phenylether
Concen: 41.819 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

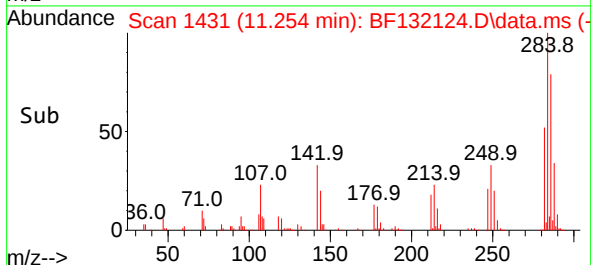
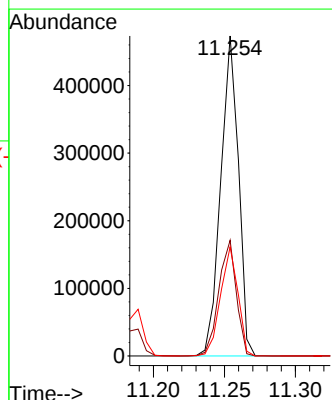
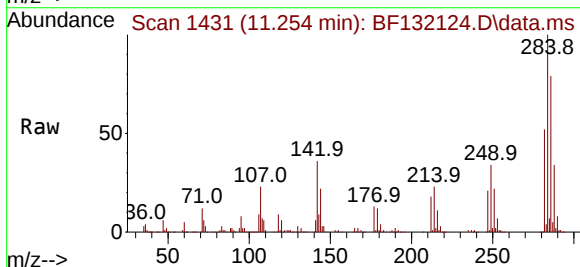
Instrument :
BNA_F
ClientSampleId :
PB150209BS

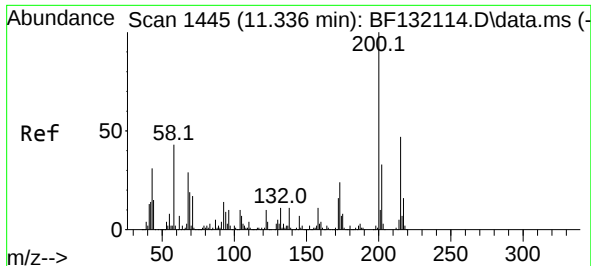
Tgt Ion:248 Resp: 381459
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.8
141 69.5 57.6 86.4



#68
Hexachlorobenzene
Concen: 44.616 ng
RT: 11.254 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:284 Resp: 409450
Ion Ratio Lower Upper
284 100
142 36.2 29.4 44.2
249 34.1 27.7 41.5

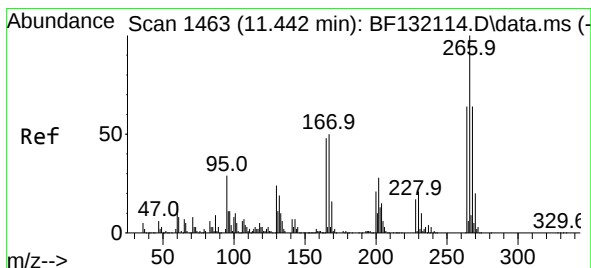
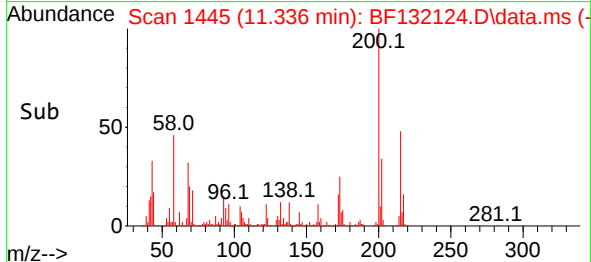
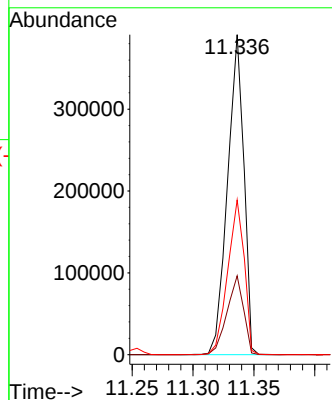
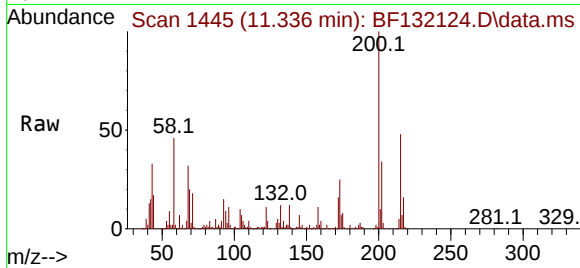




#69
Atrazine
Concen: 44.967 ng
RT: 11.336 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

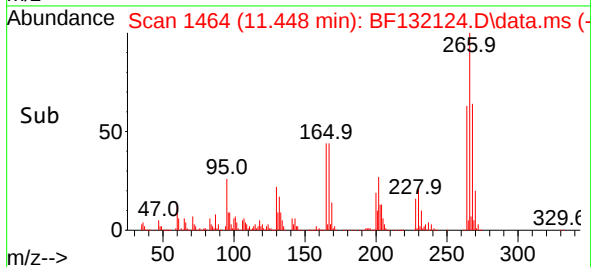
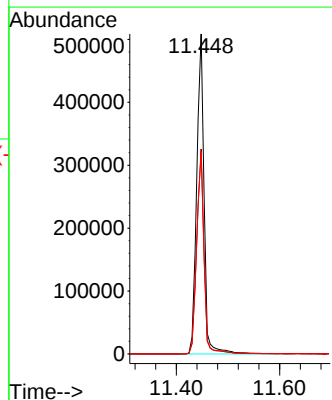
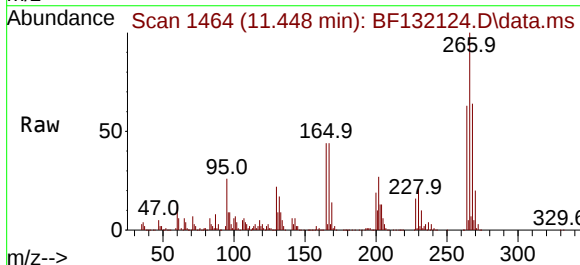
Instrument :
BNA_F
ClientSampleId :
PB150209BS

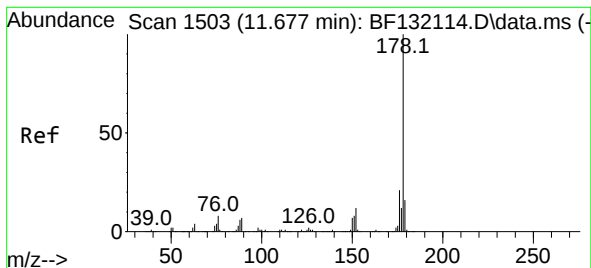
Tgt Ion:200 Resp: 364697
Ion Ratio Lower Upper
200 100
173 24.7 4.6 44.6
215 48.3 27.3 67.3



#70
Pentachlorophenol
Concen: 79.933 ng
RT: 11.448 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:266 Resp: 503986
Ion Ratio Lower Upper
266 100
268 64.0 51.0 76.6
264 63.2 51.6 77.4





#71

Phenanthrene

Concen: 41.466 ng

RT: 11.677 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

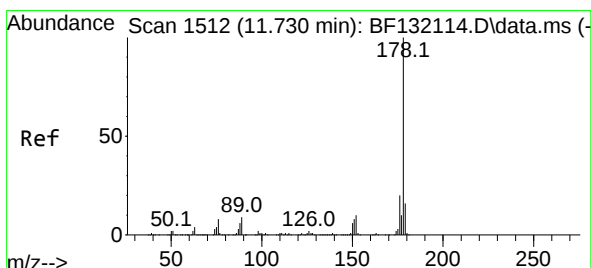
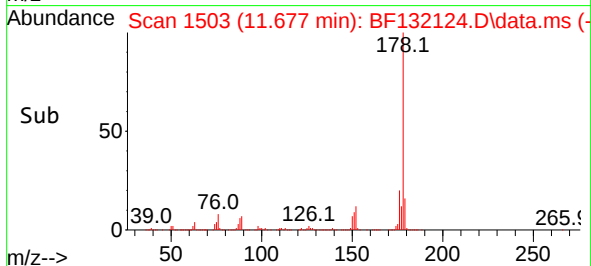
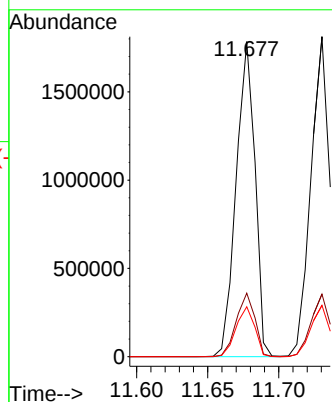
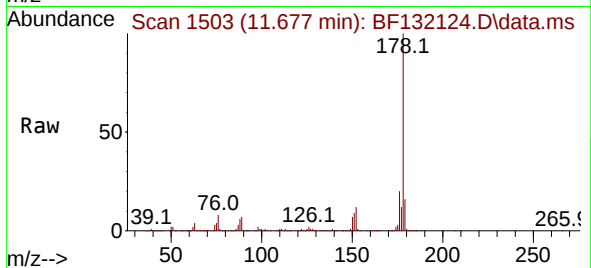
Tgt Ion:178 Resp: 1646058

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

179 15.9 12.7 19.1



#72

Anthracene

Concen: 40.898 ng

RT: 11.730 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

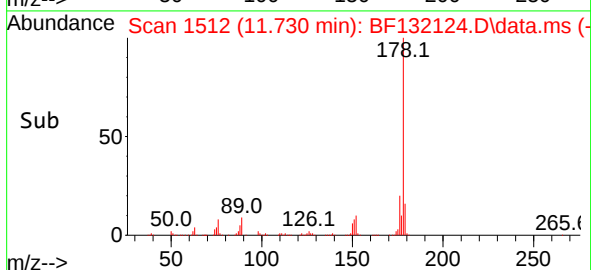
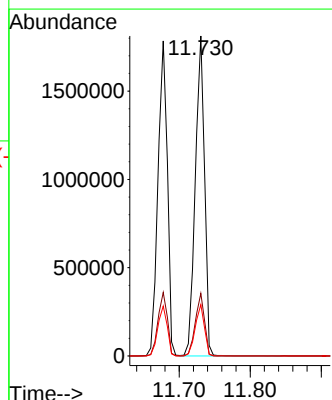
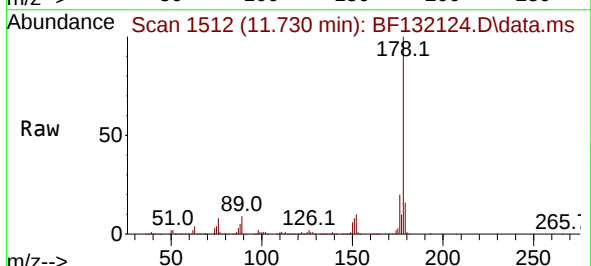
Tgt Ion:178 Resp: 1650763

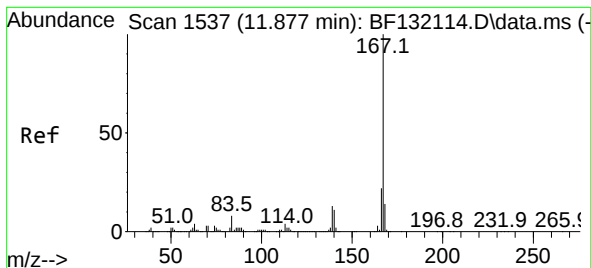
Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 16.1 12.9 19.3





#73

Carbazole

Concen: 41.867 ng

RT: 11.877 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

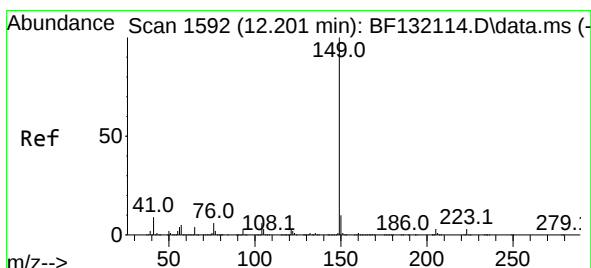
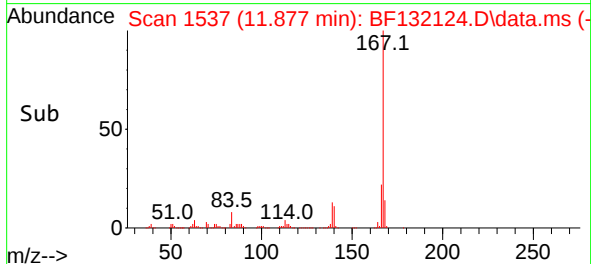
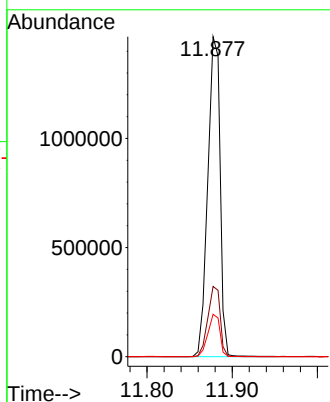
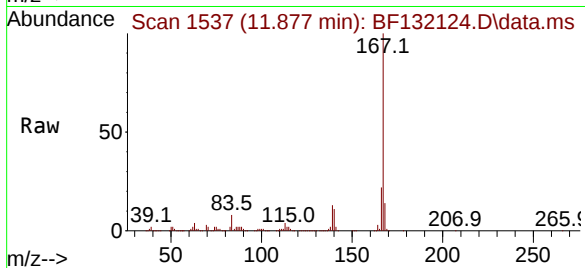
BNA_F

ClientSampleId :

PB150209BS

Tgt Ion:167 Resp: 1474533

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.3	10.8	16.2



#74

Di-n-butylphthalate

Concen: 43.246 ng

RT: 12.201 min Scan# 1592

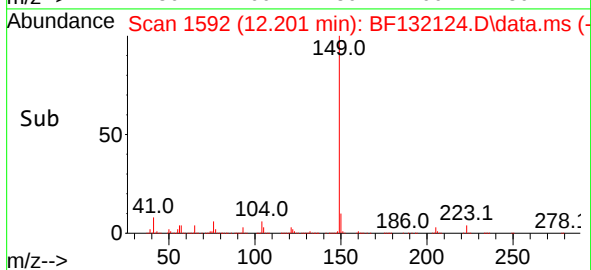
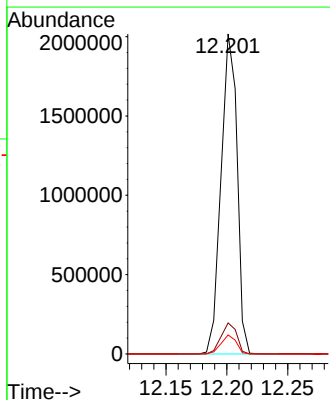
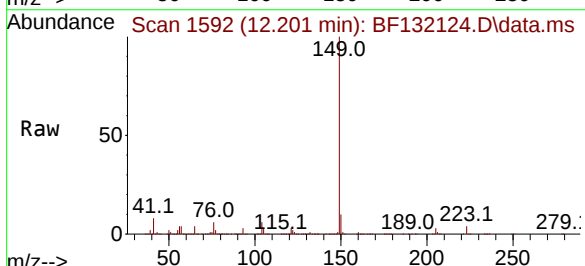
Delta R.T. 0.000 min

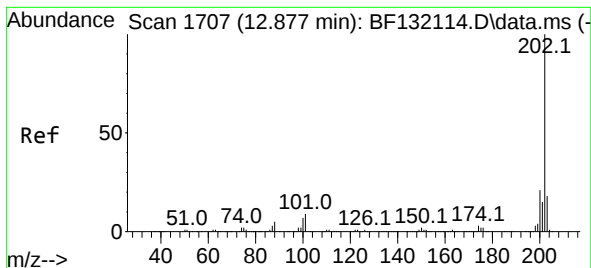
Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Tgt Ion:149 Resp: 1849561

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.9	4.8	7.2





#75

Fluoranthene

Concen: 41.807 ng

RT: 12.877 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

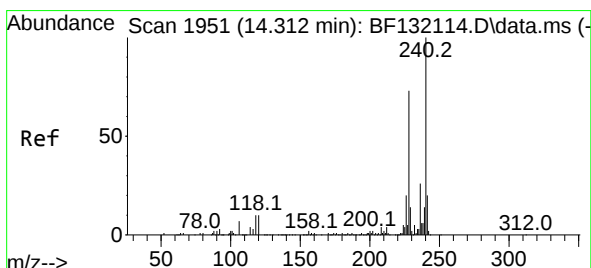
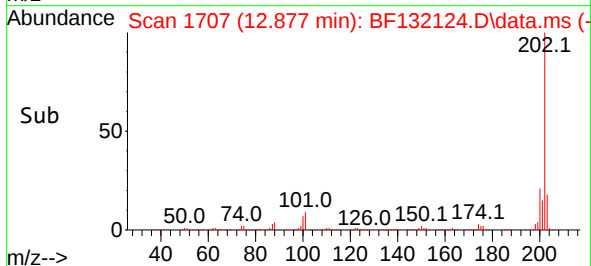
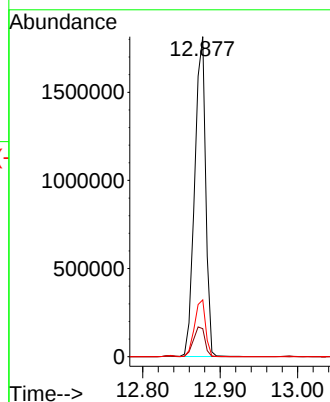
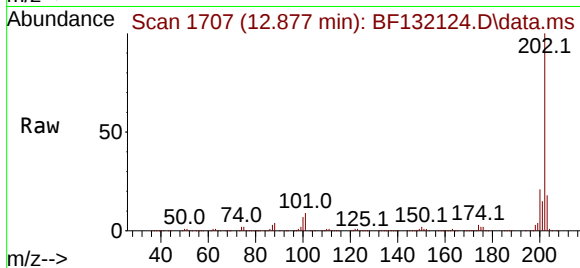
Tgt Ion:202 Resp: 1777723

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.9

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

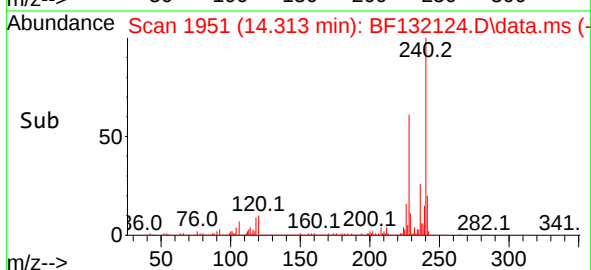
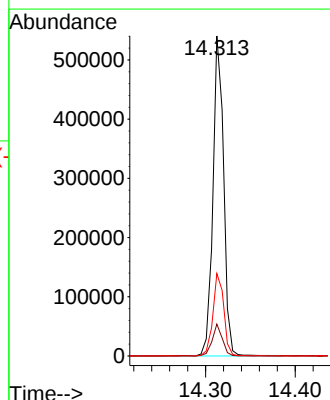
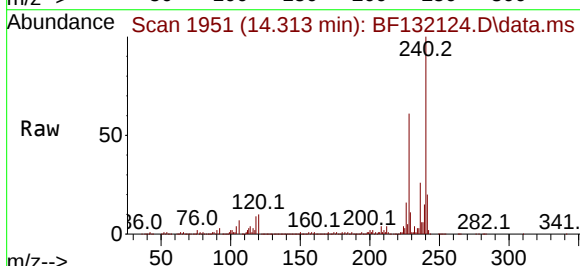
Tgt Ion:240 Resp: 447181

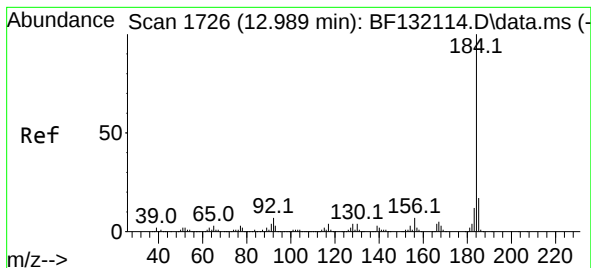
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.4

236 25.7 21.2 31.8





#77

Benzidine

Concen: 43.704 ng

RT: 12.989 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

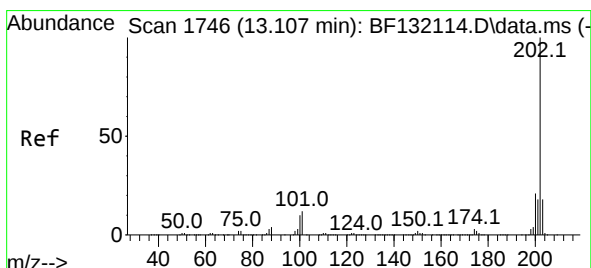
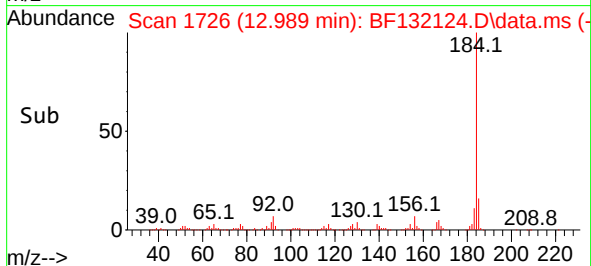
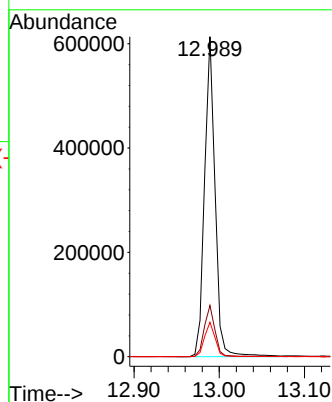
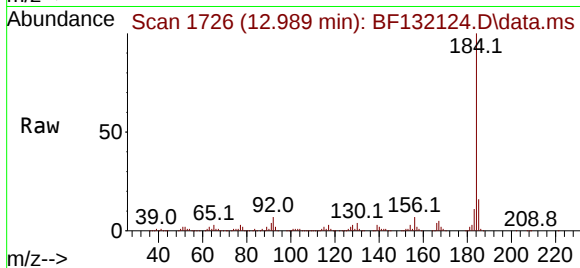
Tgt Ion:184 Resp: 526274

Ion Ratio Lower Upper

184 100

185 16.0 13.7 20.5

183 10.8 9.4 14.0



#78

Pyrene

Concen: 42.033 ng

RT: 13.107 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

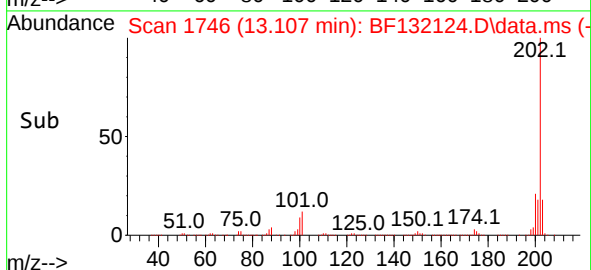
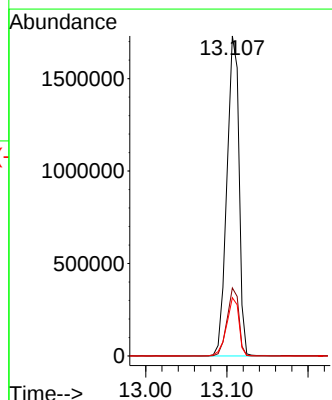
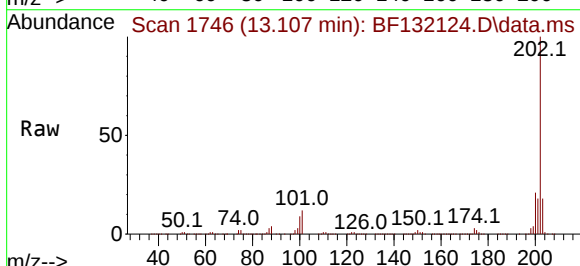
Tgt Ion:202 Resp: 1799156

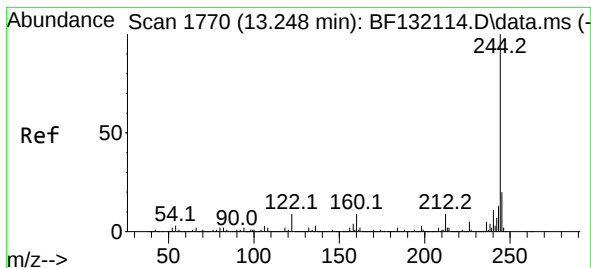
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 84.591 ng

RT: 13.248 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

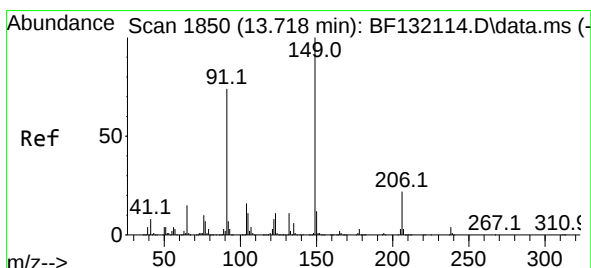
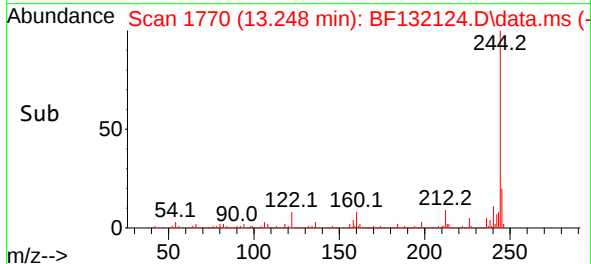
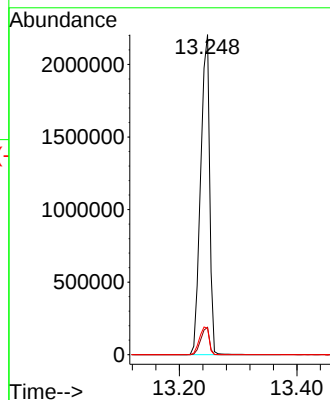
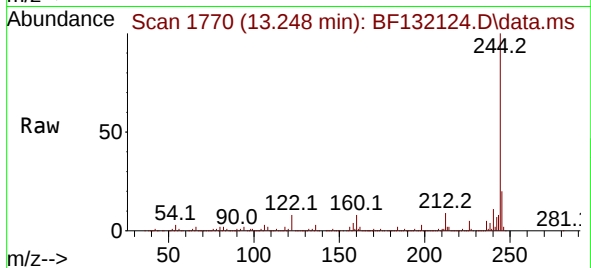
Tgt Ion:244 Resp: 2331394

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

122 8.3 7.0 10.6



#80

Butylbenzylphthalate

Concen: 46.726 ng

RT: 13.719 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

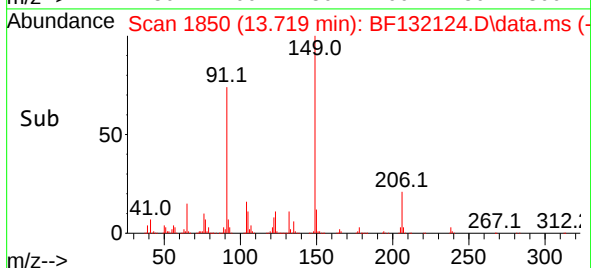
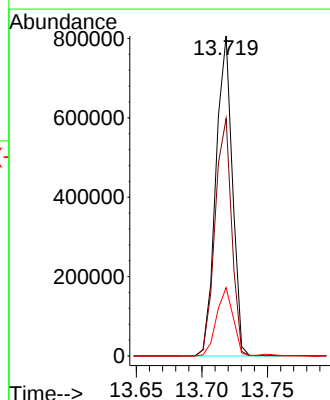
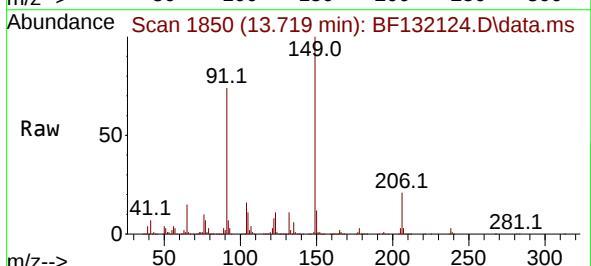
Tgt Ion:149 Resp: 704999

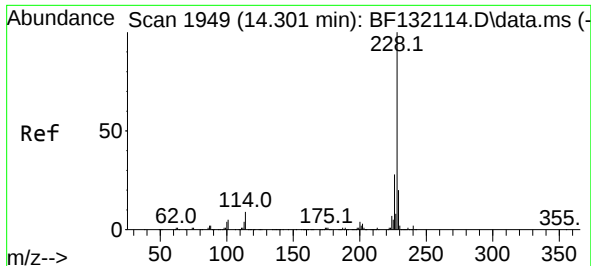
Ion Ratio Lower Upper

149 100

91 74.2 59.2 88.8

206 21.3 17.3 25.9

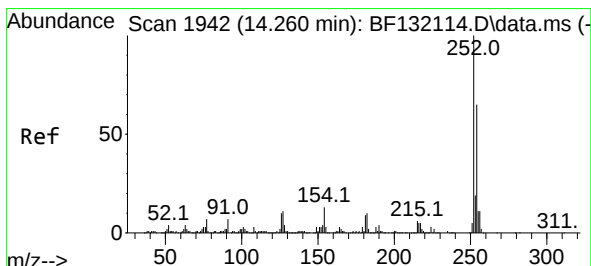
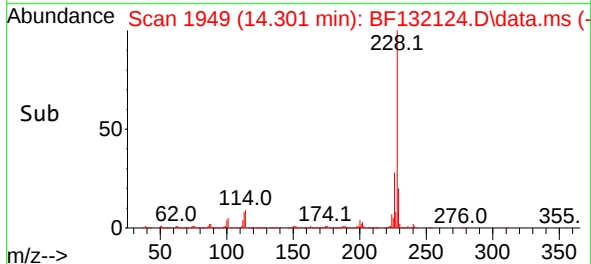
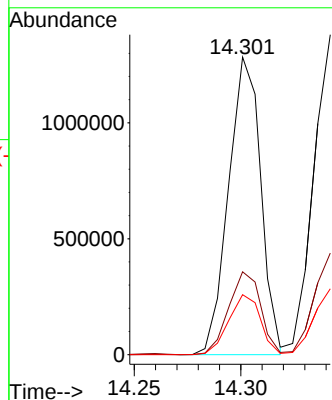
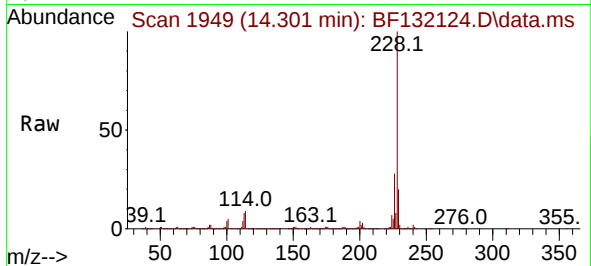




#81
Benzo(a)anthracene
Concen: 43.257 ng
RT: 14.301 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

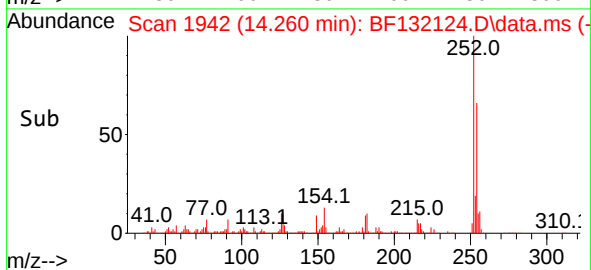
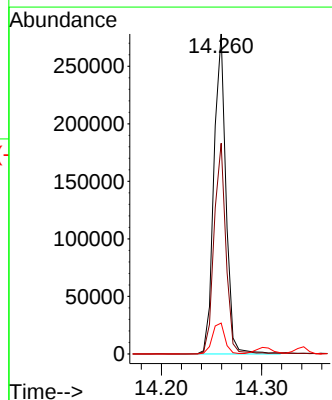
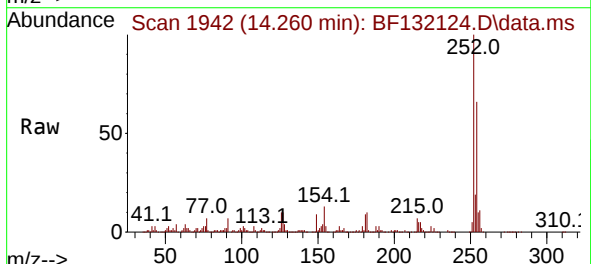
Instrument :
BNA_F
ClientSampleId :
PB150209BS

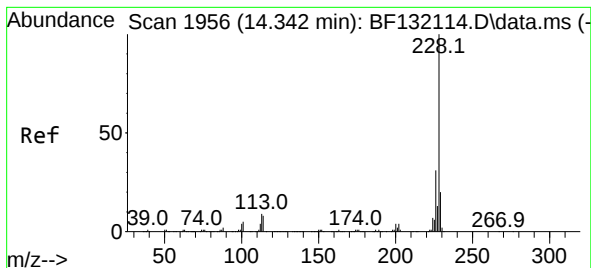
Tgt Ion:228 Resp: 1351971
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 27.966 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BF132124.D
Acq: 18 Jan 2023 18:20

Tgt Ion:252 Resp: 232498
Ion Ratio Lower Upper
252 100
254 65.9 52.2 78.2
126 9.7 8.2 12.4





#83

Chrysene

Concen: 43.297 ng

RT: 14.342 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

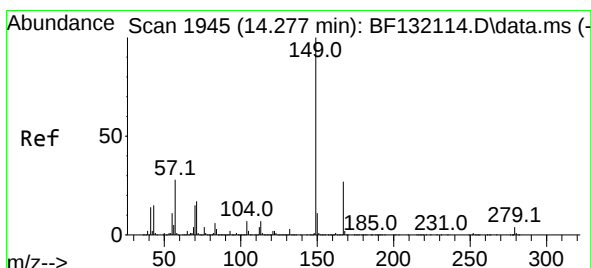
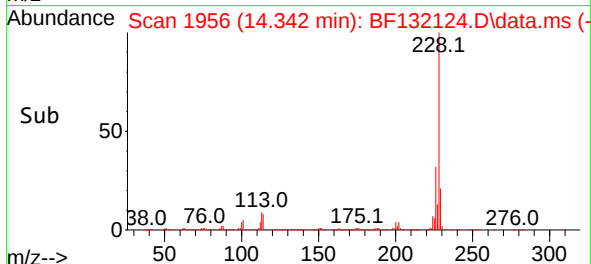
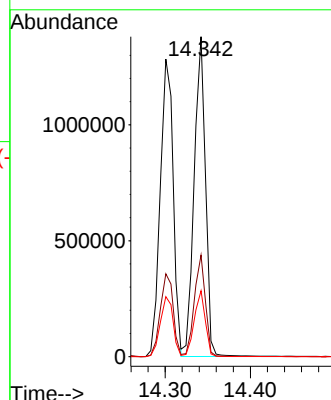
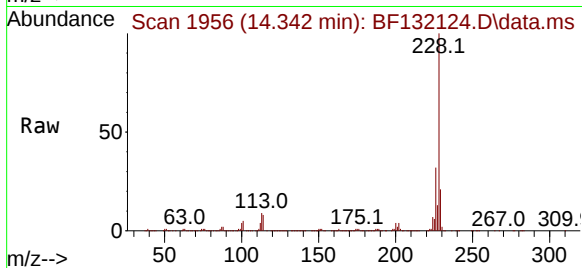
Tgt Ion:228 Resp: 1272121

Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

229 20.6 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.129 ng

RT: 14.277 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

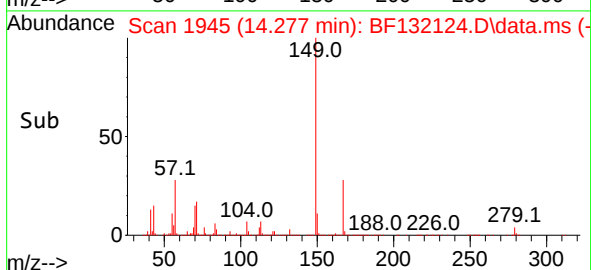
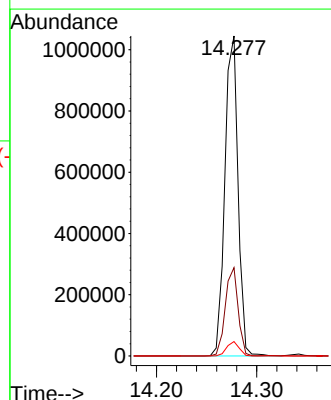
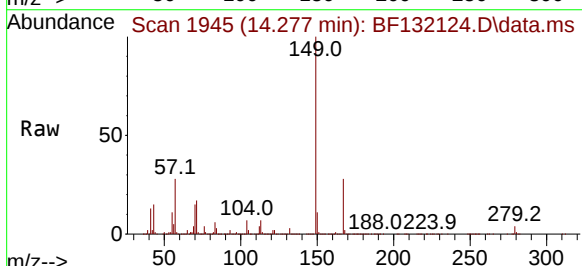
Tgt Ion:149 Resp: 949652

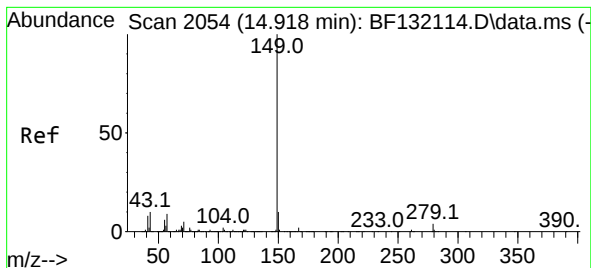
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 56.459 ng

RT: 14.913 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

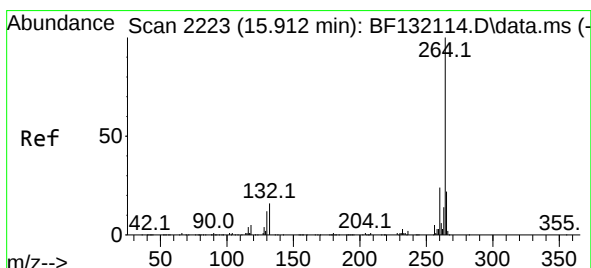
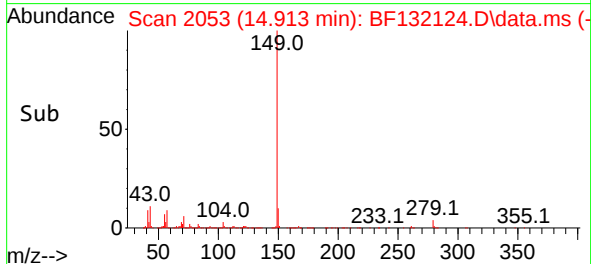
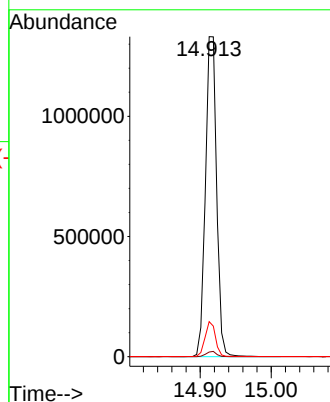
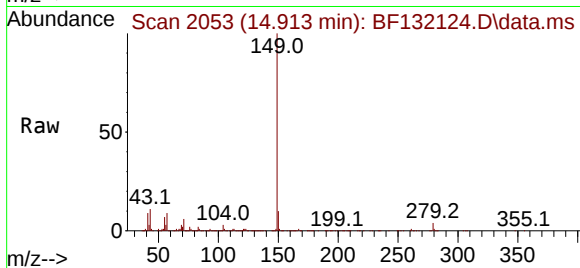
Tgt Ion:149 Resp: 1460941

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.912 min Scan# 2223

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

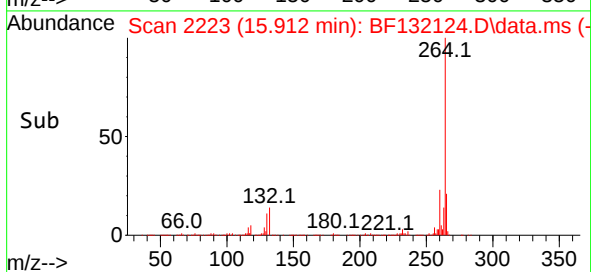
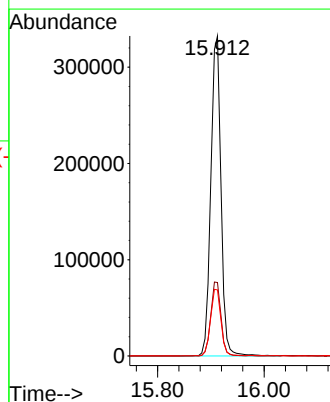
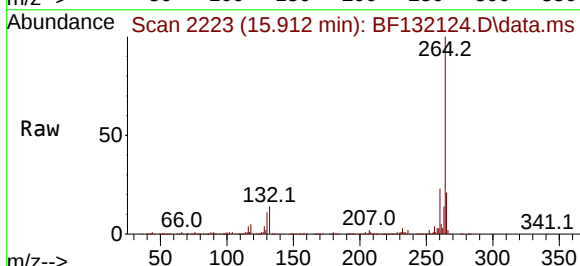
Tgt Ion:264 Resp: 440435

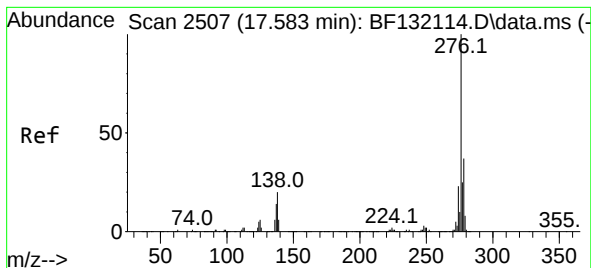
Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 20.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.080 ng

RT: 17.583 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

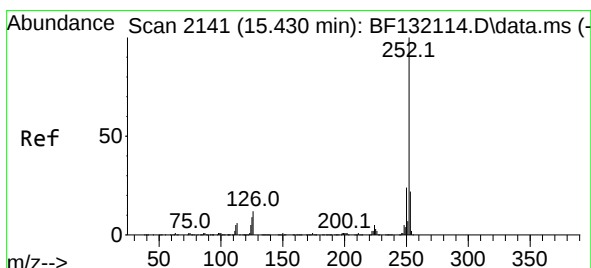
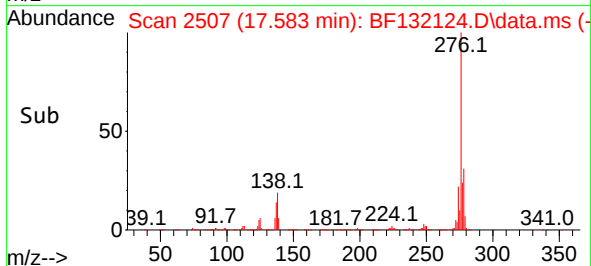
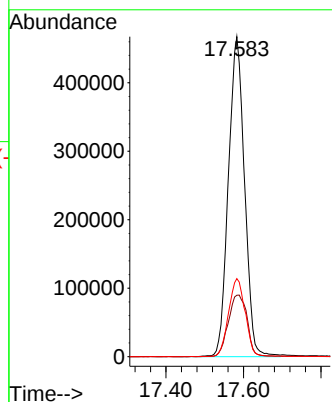
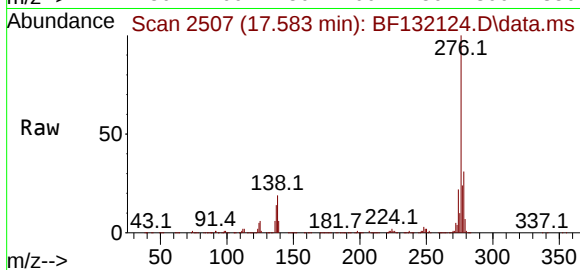
Tgt Ion:276 Resp: 1351506

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.414 ng

RT: 15.430 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

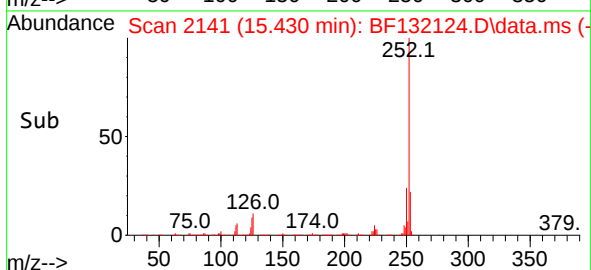
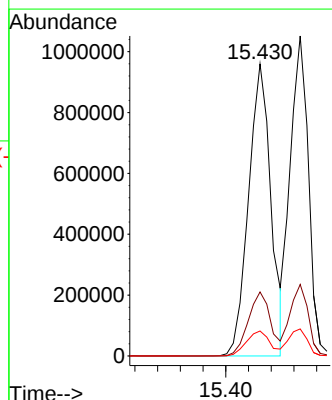
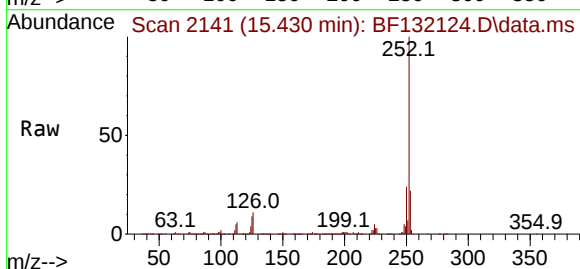
Tgt Ion:252 Resp: 1313797

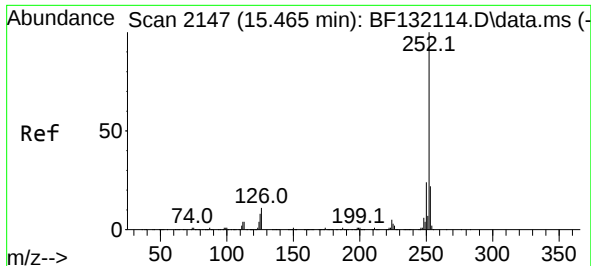
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.6 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 42.771 ng

RT: 15.465 min Scan# 2147

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

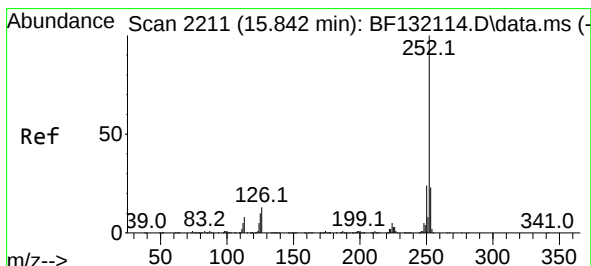
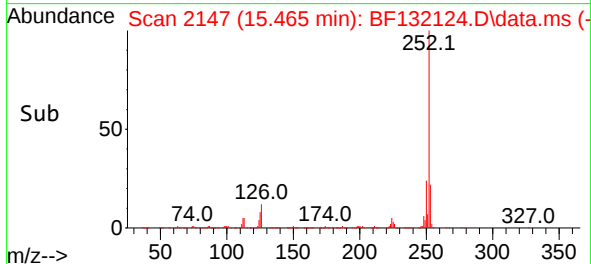
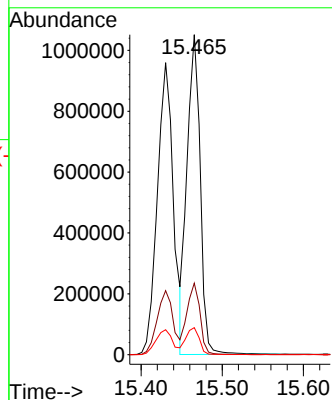
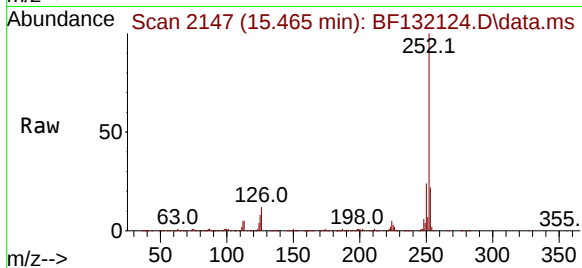
Tgt Ion:252 Resp: 1185540

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 8.5 6.7 10.1



#90

Benzo(a)pyrene

Concen: 44.364 ng

RT: 15.842 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

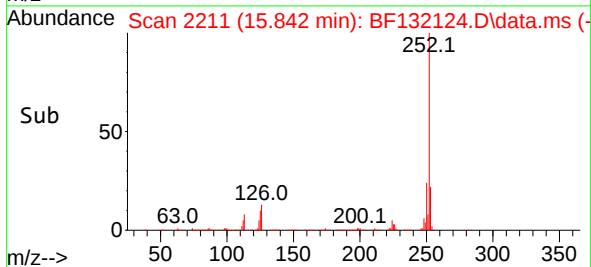
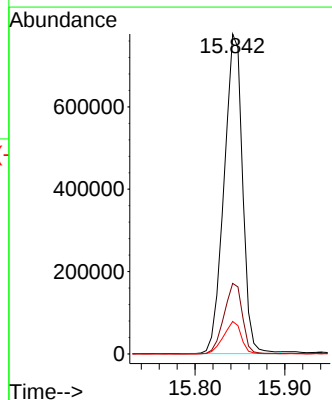
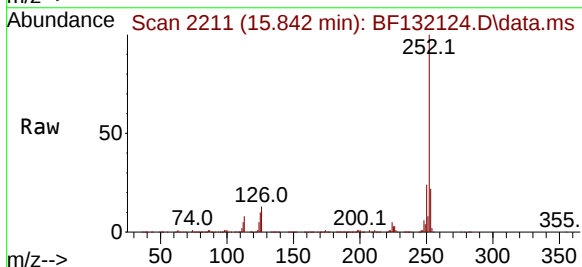
Tgt Ion:252 Resp: 1111294

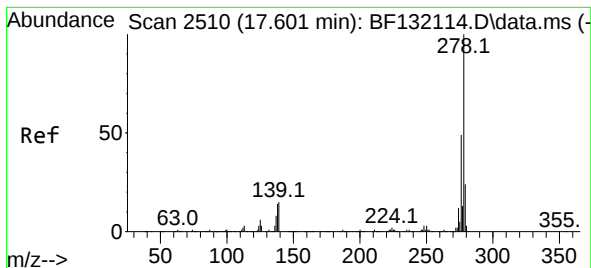
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 10.1 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 52.125 ng

RT: 17.606 min Scan# 2511

Delta R.T. 0.006 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Instrument :

BNA_F

ClientSampleId :

PB150209BS

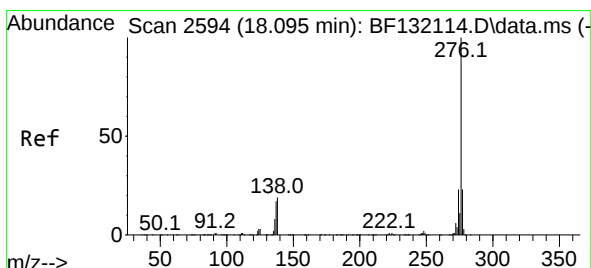
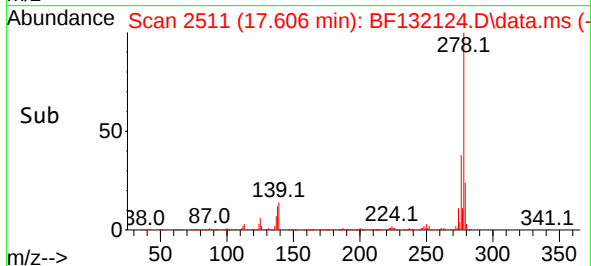
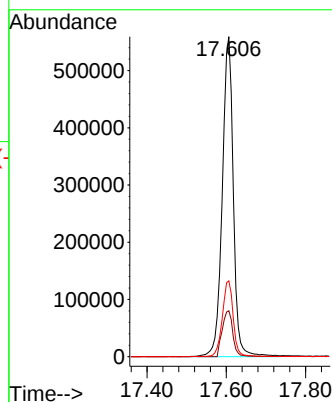
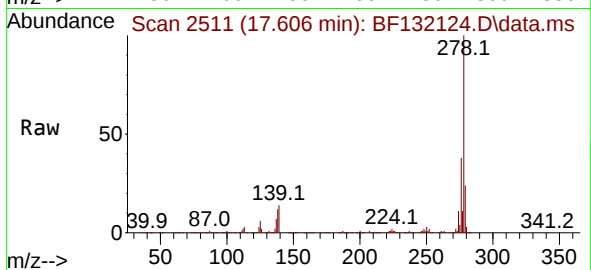
Tgt Ion:278 Resp: 1086925

Ion Ratio Lower Upper

278 100

139 14.3 11.8 17.8

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 53.026 ng

RT: 18.095 min Scan# 2594

Delta R.T. 0.000 min

Lab File: BF132124.D

Acq: 18 Jan 2023 18:20

Tgt Ion:276 Resp: 1152027

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 19.5 15.4 23.2

