

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137013.D
 Acq On : 10 Jan 2024 11:27
 Operator : CG\JU
 Sample : PB158316BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158316BS

Quant Time: Jan 10 11:50:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74439	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296117	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	158639	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	316111	20.000	ng	0.00
76) Chrysene-d12	13.980	240	189805	20.000	ng	0.01
86) Perylene-d12	15.462	264	143107	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	539869	113.160	ng	0.02
7) Phenol-d6	6.445	99	688585	111.388	ng	0.00
23) Nitrobenzene-d5	7.357	82	419584	72.507	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	217758	116.552	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	859012	72.829	ng	0.00
79) Terphenyl-d14	12.916	244	1027993	75.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	66618	33.513	ng	96
3) Pyridine	3.410	79	153497	31.648	ng	90
4) n-Nitrosodimethylamine	3.375	42	91085	35.168	ng	92
6) Aniline	6.457	93	206020	33.333	ng	# 8
8) 2-Chlorophenol	6.581	128	209894	40.203	ng	93
9) Benzaldehyde	6.339	77	74445	21.172	ng	94
10) Phenol	6.457	94	250511	37.961	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	190090	37.877	ng	97
12) 1,3-Dichlorobenzene	6.728	146	208506	36.609	ng	97
13) 1,4-Dichlorobenzene	6.804	146	213982	36.770	ng	98
14) 1,2-Dichlorobenzene	6.951	146	202446	37.385	ng	97
15) Benzyl Alcohol	6.939	79	167885	40.255	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	299583	36.512	ng	# 30
17) 2-Methylphenol	7.057	107	167894	38.818	ng	# 92
18) Hexachloroethane	7.286	117	77187	36.522	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	143626	38.327	ng	95
20) 3+4-Methylphenols	7.210	107	217500	40.252	ng	# 54
22) Acetophenone	7.198	105	291013	39.209	ng	# 89
24) Nitrobenzene	7.375	77	206914	35.694	ng	93
25) Isophorone	7.610	82	395078	37.520	ng	99
26) 2-Nitrophenol	7.686	139	111406	40.168	ng	98
27) 2,4-Dimethylphenol	7.728	122	188922	55.951	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	241831	37.783	ng	99
29) 2,4-Dichlorophenol	7.933	162	173592	39.934	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	181543	37.483	ng	97
31) Naphthalene	8.086	128	608343	37.395	ng	99
32) Benzoic acid	7.886	122	124979	38.255	ng	97
33) 4-Chloroaniline	8.139	127	131588	21.908	ng	97
34) Hexachlorobutadiene	8.198	225	104889	35.644	ng	98
35) Caprolactam	8.528	113	42399	29.566	ng	90
36) 4-Chloro-3-methylphenol	8.645	107	196118	40.075	ng	97
37) 2-Methylnaphthalene	8.780	142	397272	37.946	ng	98
38) 1-Methylnaphthalene	8.875	142	372528	36.268	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	191036	38.884	ng	99
41) Hexachlorocyclopentadiene	8.928	237	111964	71.997	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	124408	39.485	ng	96

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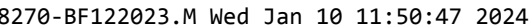
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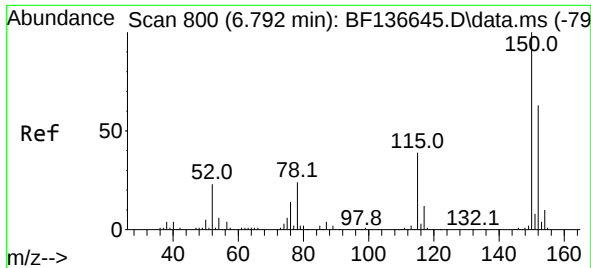
Quant Time: Jan 10 11:50:01 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	135061	38.467	ng	96
46) 1,1'-Biphenyl	9.245	154	511113	38.394	ng	99
47) 2-Chloronaphthalene	9.269	162	377561	37.308	ng	100
48) 2-Nitroaniline	9.375	65	124058	39.146	ng	95
49) Acenaphthylene	9.686	152	607300	39.260	ng	99
50) Dimethylphthalate	9.551	163	460857	39.772	ng	99
51) 2,6-Dinitrotoluene	9.622	165	101047	38.424	ng	96
52) Acenaphthene	9.857	154	368769	38.459	ng	97
53) 3-Nitroaniline	9.792	138	85556	30.712	ng	88
54) 2,4-Dinitrophenol	9.910	184	98514	68.172	ng	91
55) Dibenzofuran	10.033	168	555968	38.250	ng	99
56) 4-Nitrophenol	9.980	139	122852	65.328	ng	95
57) 2,4-Dinitrotoluene	10.033	165	128717	37.703	ng	95
58) Fluorene	10.380	166	454852	39.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	114797	42.474	ng	96
60) Diethylphthalate	10.251	149	471953	39.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	216668	38.650	ng	94
62) 4-Nitroaniline	10.416	138	103645	38.594	ng	93
63) Azobenzene	10.527	77	429749	38.271	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	72109	39.803	ng	99
66) n-Nitrosodiphenylamine	10.492	169	407127	39.647	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	134327	38.263	ng	97
68) Hexachlorobenzene	10.927	284	148048	37.842	ng	98
69) Atrazine	11.033	200	186437	70.985	ng	99
70) Pentachlorophenol	11.133	266	136826	75.032	ng	97
71) Phenanthrene	11.345	178	658643	40.607	ng	99
72) Anthracene	11.398	178	673282	40.988	ng	99
73) Carbazole	11.557	167	629300	40.634	ng	99
74) Di-n-butylphthalate	11.880	149	771098	40.803	ng	99
75) Fluoranthene	12.539	202	709902	40.917	ng	96
77) Benzidine	12.663	184	130543	23.326	ng	99
78) Pyrene	12.774	202	708030	38.000	ng	99
80) Butylbenzylphthalate	13.392	149	291447	42.987	ng	97
81) Benzo(a)anthracene	13.968	228	532877	40.431	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	139540	37.281	ng	95
83) Chrysene	14.010	228	498325	38.664	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	399497	46.833	ng	98
85) Di-n-octyl phthalate	14.568	149	584518	44.298	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	437860	42.377	ng	100
88) Benzo(b)fluoranthene	15.033	252	408394	42.727	ng	98
89) Benzo(k)fluoranthene	15.062	252	389528	43.129	ng	99
90) Benzo(a)pyrene	15.404	252	341064	42.273	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	363506	42.882	ng	98
92) Benzo(g,h,i)perylene	17.456	276	363379	41.854	ng	99

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

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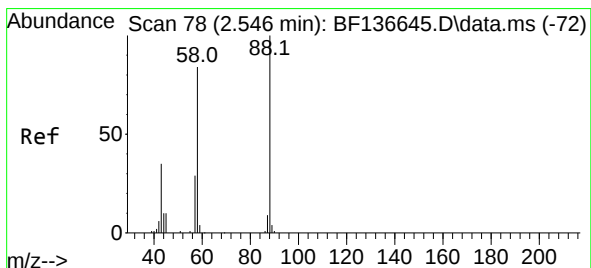
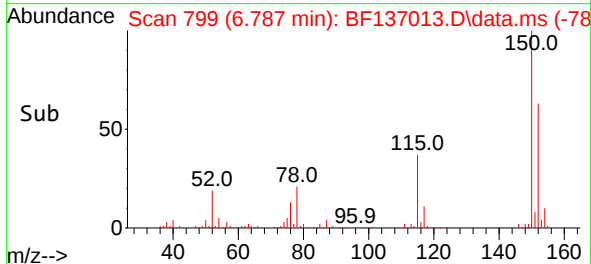
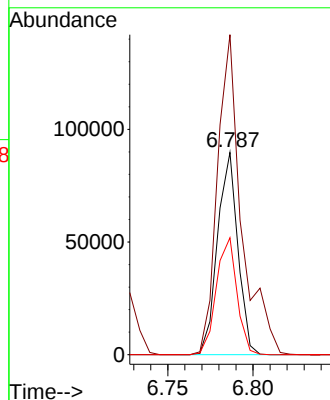
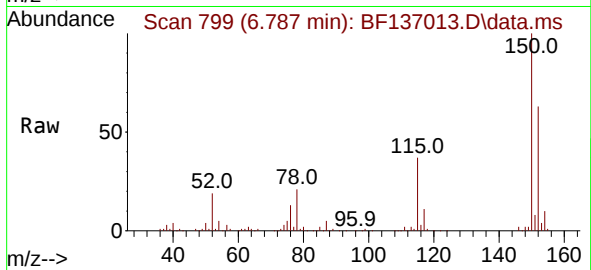




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

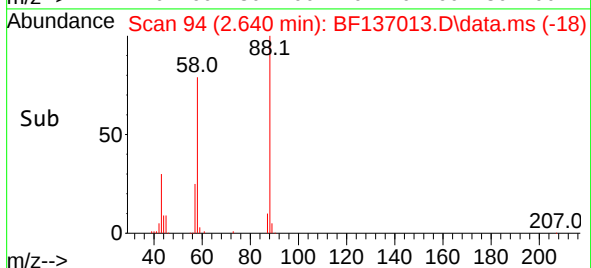
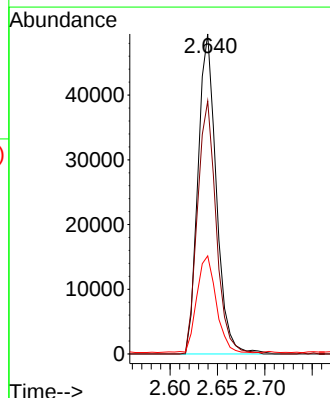
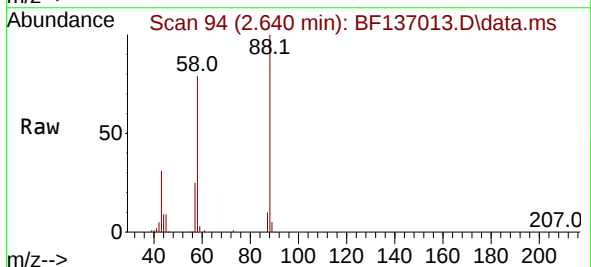
Instrument :
 BNA_F
 ClientSampleId :
 PB158316BS

Tgt Ion:152 Resp: 74439
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.0 190.6
 115 57.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.513 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.094 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

Tgt Ion: 88 Resp: 66618
 Ion Ratio Lower Upper
 88 100
 58 80.8 67.4 101.0
 43 32.1 27.7 41.5





#3

Pyridine

Concen: 31.648 ng

RT: 3.410 min Scan# 219

Delta R.T. 0.106 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

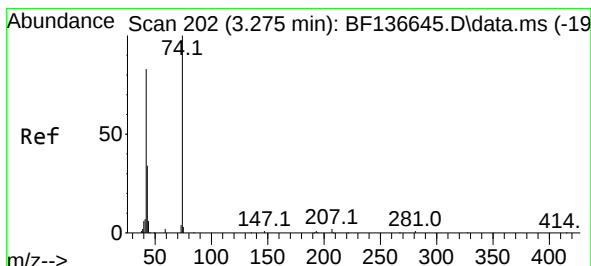
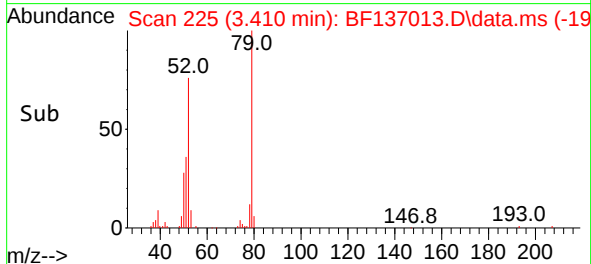
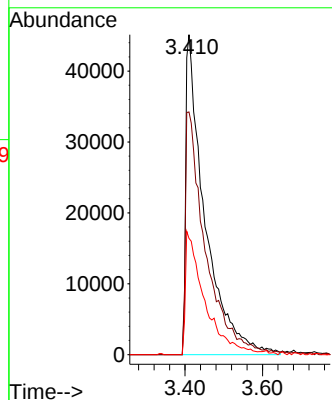
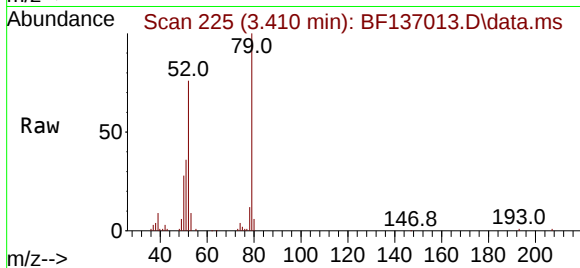
Tgt Ion: 79 Resp: 153497

Ion Ratio Lower Upper

79 100

52 75.8 67.7 101.5

51 36.3 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 35.168 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.100 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

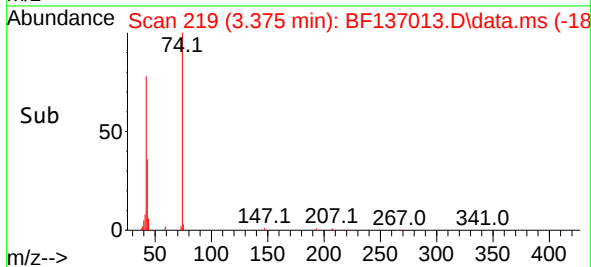
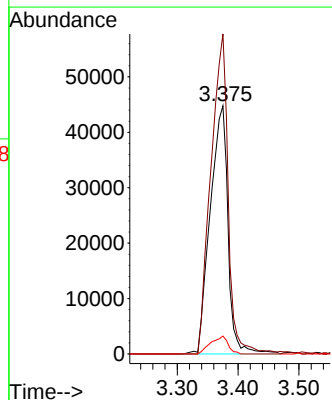
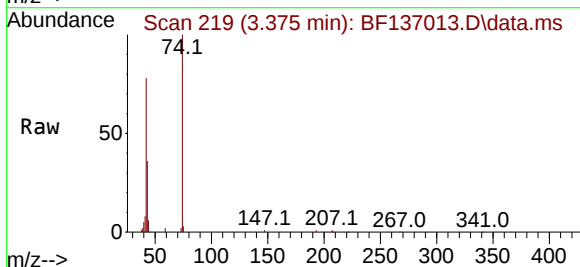
Tgt Ion: 42 Resp: 91085

Ion Ratio Lower Upper

42 100

74 129.0 96.0 144.0

44 7.2 5.4 8.2

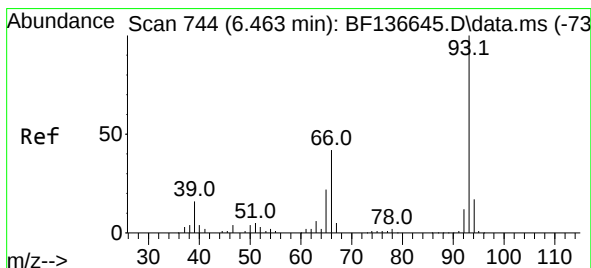
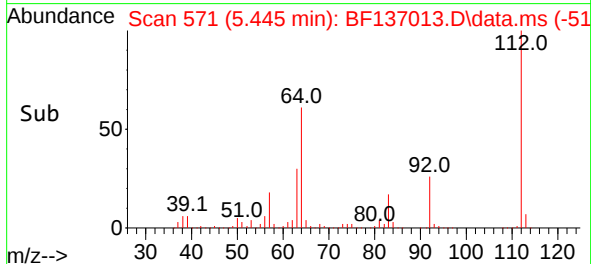
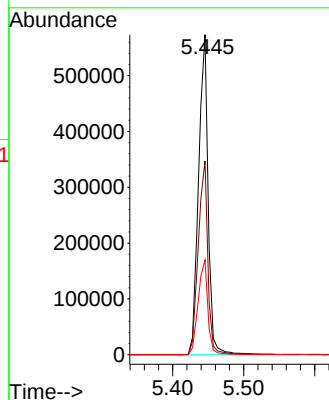
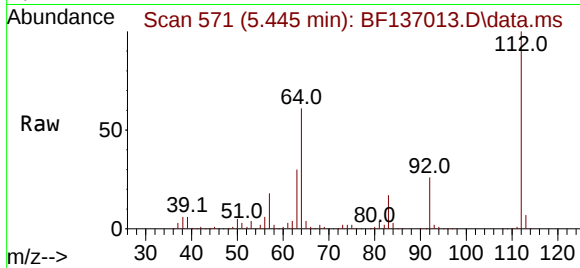




#5
2-Fluorophenol
Concen: 113.160 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

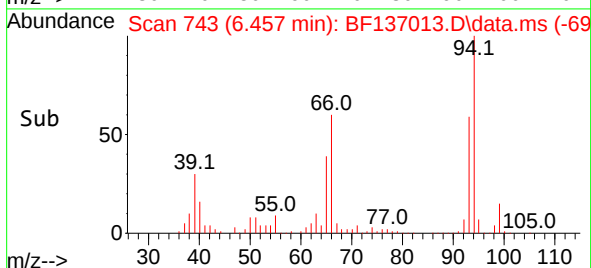
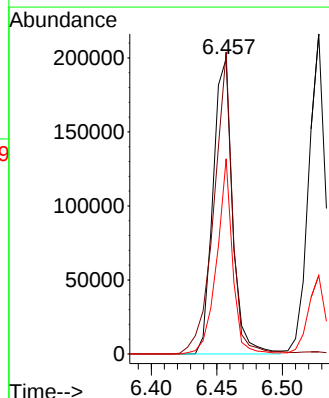
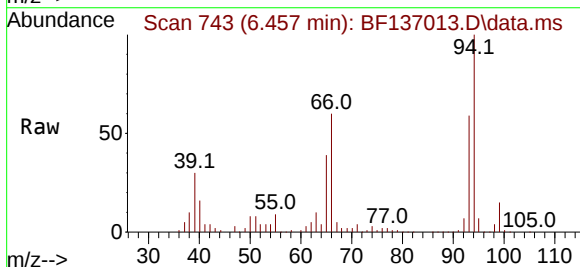
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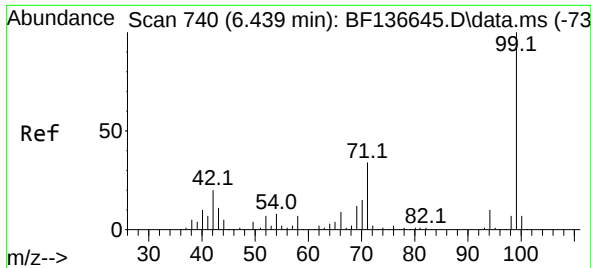
Tgt Ion:112 Resp: 539869
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 29.6 26.1 39.1



#6
Aniline
Concen: 33.333 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 93 Resp: 206020
Ion Ratio Lower Upper
93 100
66 102.3 34.6 51.8#
65 66.1 17.8 26.8#

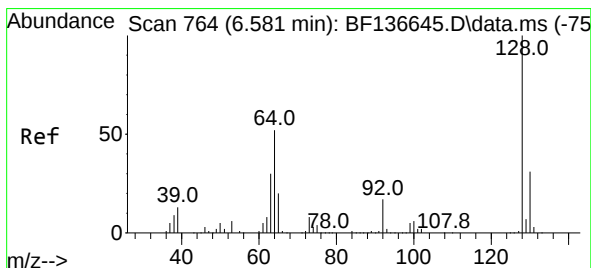
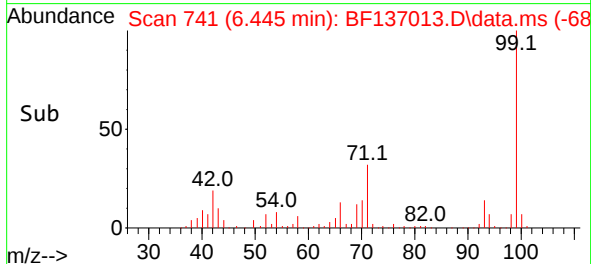
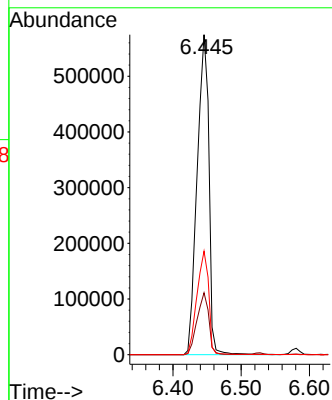
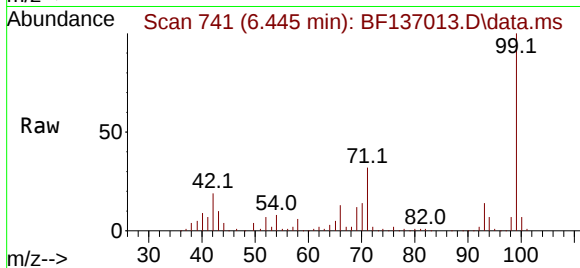




#7
Phenol-d6
Concen: 111.388 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

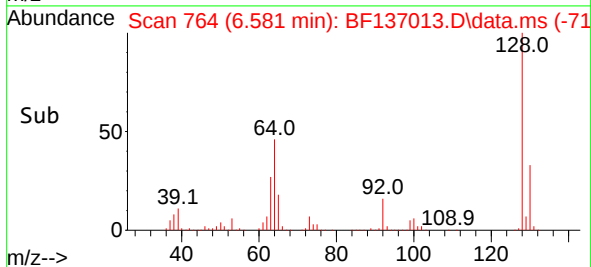
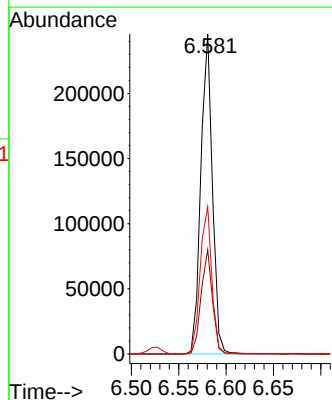
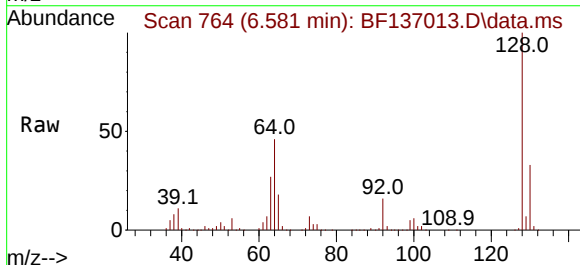
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 688585
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.4 27.4 41.2



#8
2-Chlorophenol
Concen: 40.203 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:128 Resp: 209894
Ion Ratio Lower Upper
128 100
130 32.5 11.3 51.3
64 46.0 32.5 72.5





#9

Benzaldehyde

Concen: 21.172 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

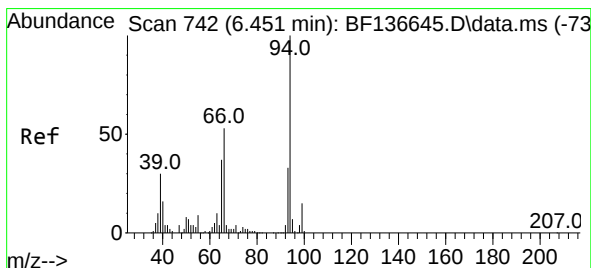
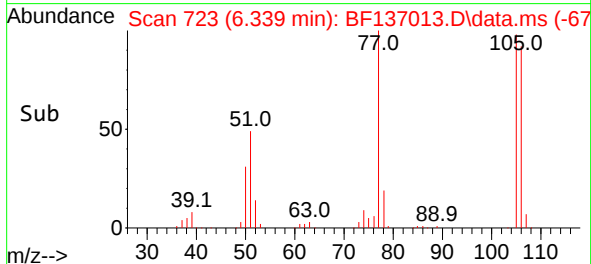
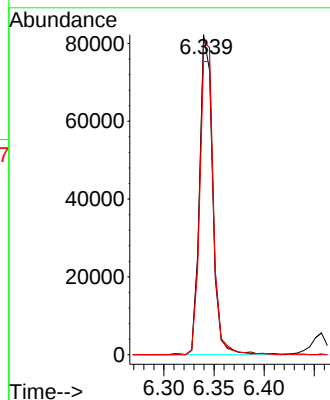
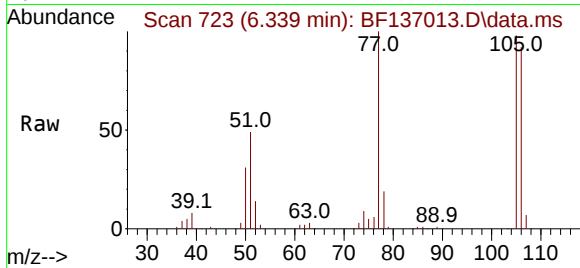
Tgt Ion: 77 Resp: 74445

Ion Ratio Lower Upper

77 100

105 97.9 84.8 124.8

106 91.6 77.8 117.8



#10

Phenol

Concen: 37.961 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

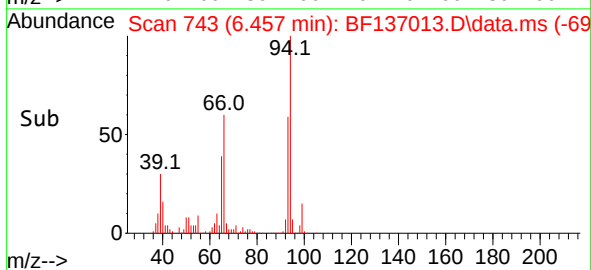
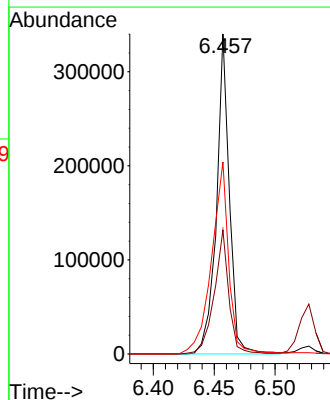
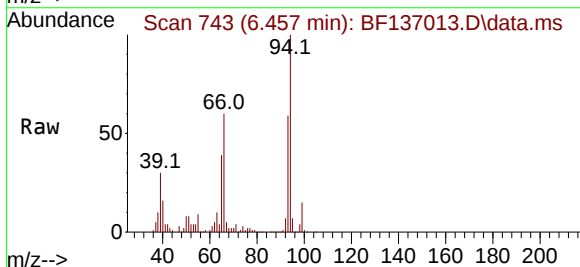
Tgt Ion: 94 Resp: 250511

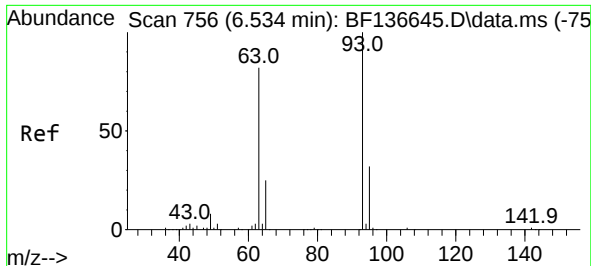
Ion Ratio Lower Upper

94 100

65 38.8 16.6 56.6

66 60.0 32.6 72.6

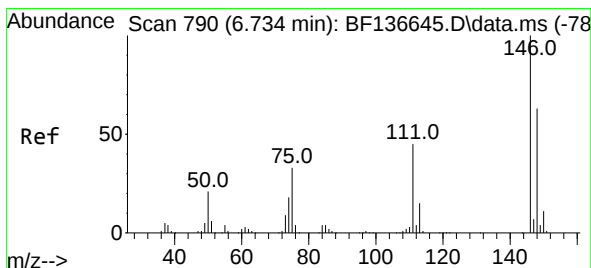
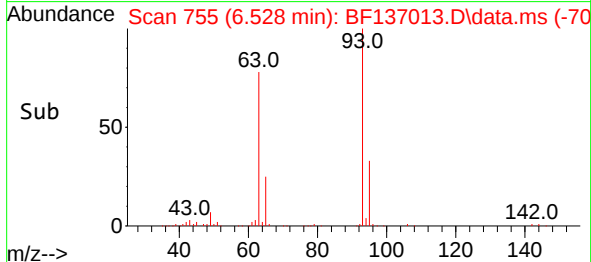
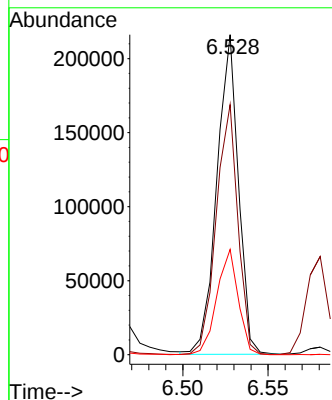
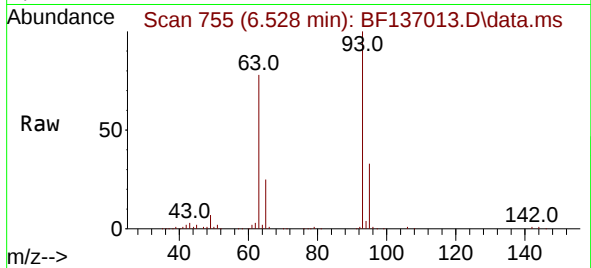




#11
bis(2-Chloroethyl)ether
Concen: 37.877 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

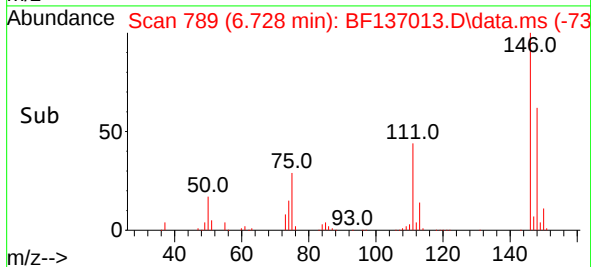
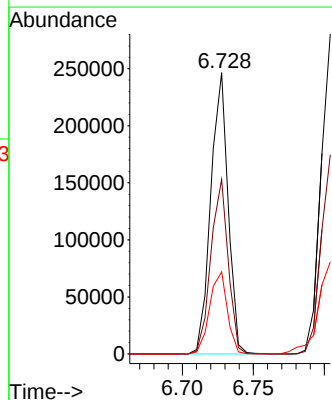
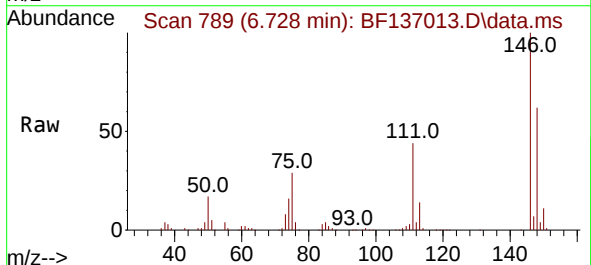
Instrument :
BNA_F
ClientSampleId :
PB158316BS

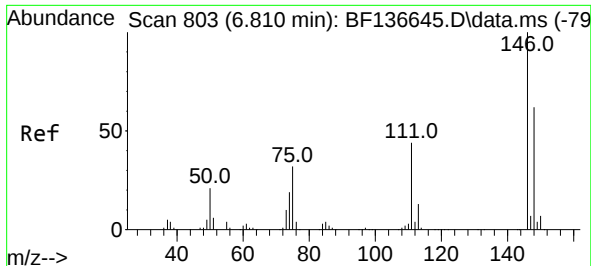
Tgt Ion: 93 Resp: 190090
Ion Ratio Lower Upper
93 100
63 78.2 61.2 101.2
95 32.9 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.609 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 146 Resp: 208506
Ion Ratio Lower Upper
146 100
148 62.0 50.5 75.7
75 29.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.770 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

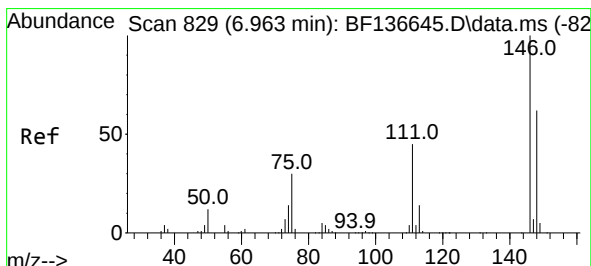
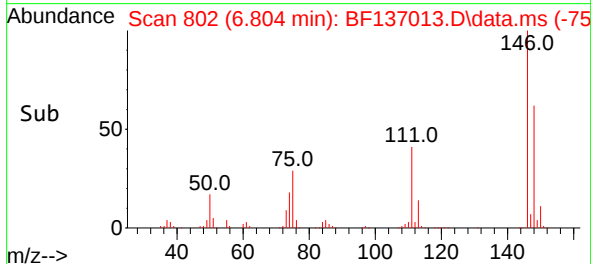
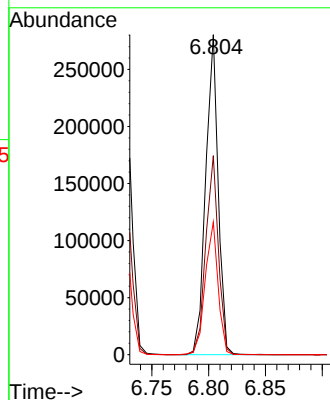
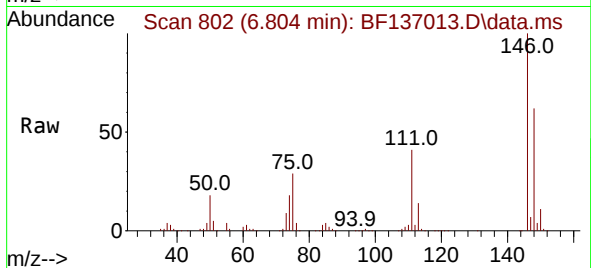
Tgt Ion:146 Resp: 213982

Ion Ratio Lower Upper

146 100

148 62.2 49.2 73.8

111 41.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.385 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

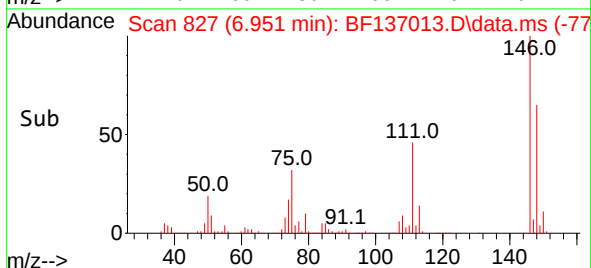
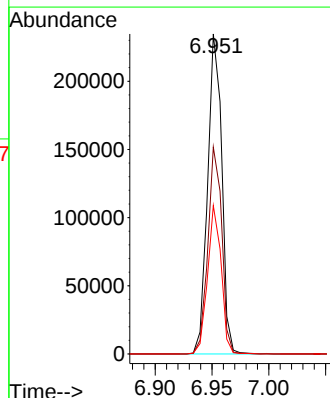
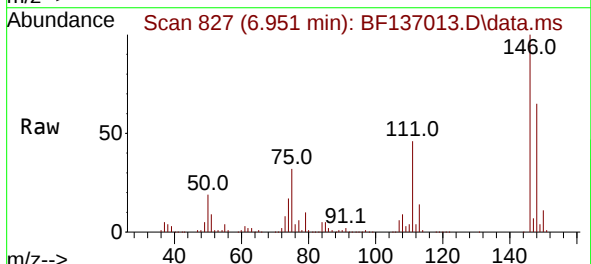
Tgt Ion:146 Resp: 202446

Ion Ratio Lower Upper

146 100

148 64.7 49.6 74.4

111 46.4 36.2 54.2

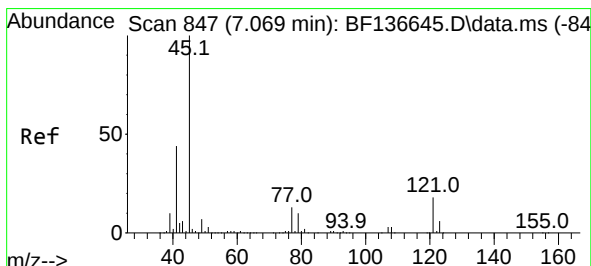
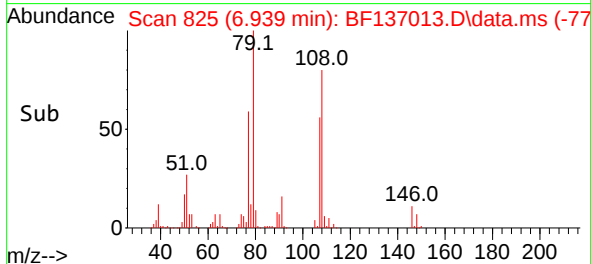
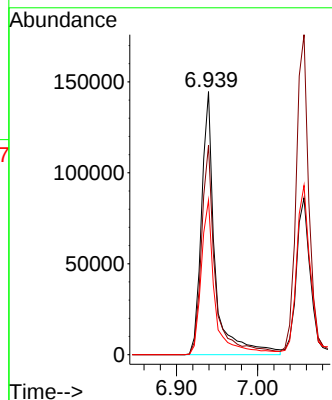
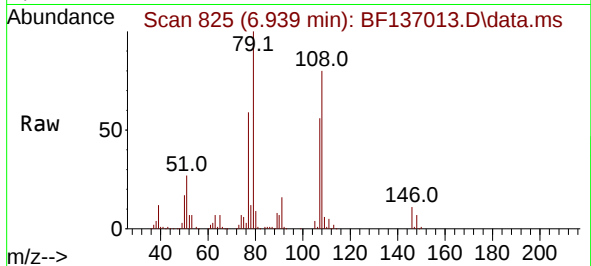




#15
Benzyl Alcohol
Concen: 40.255 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

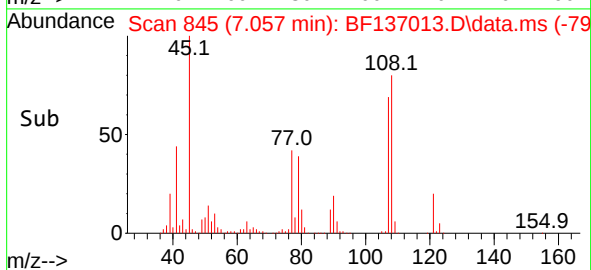
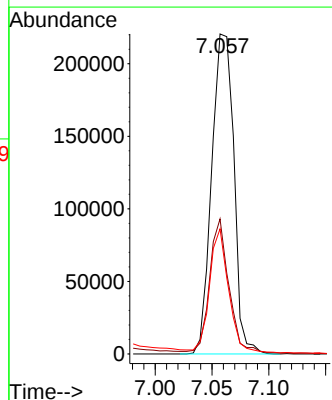
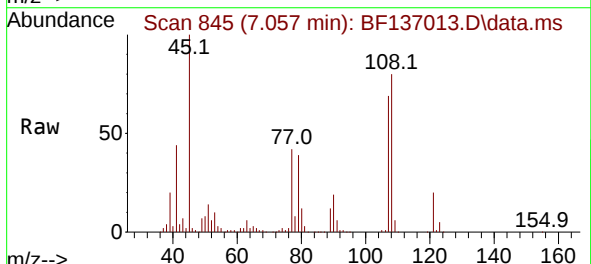
Instrument :
BNA_F
ClientSampleId :
PB158316BS

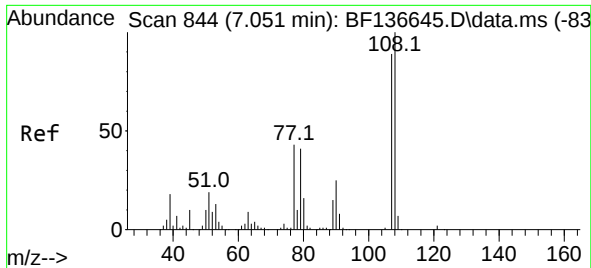
Tgt Ion: 79 Resp: 167885
Ion Ratio Lower Upper
79 100
108 79.6 61.0 91.6
77 58.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.512 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 45 Resp: 299583
Ion Ratio Lower Upper
45 100
77 42.2 0.0 34.3#
79 39.1 0.0 31.4#

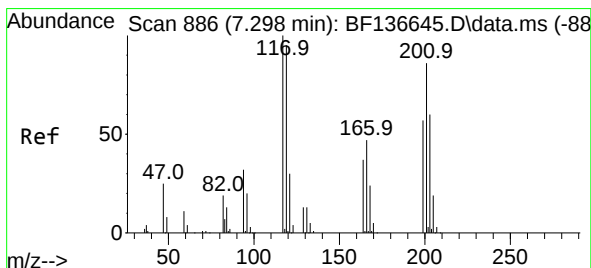
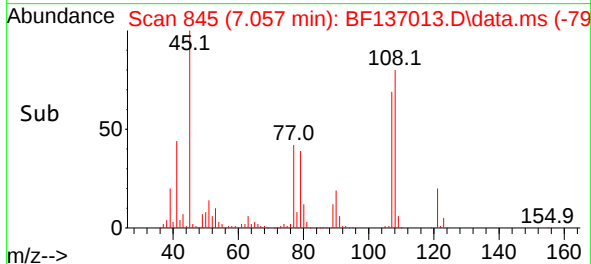
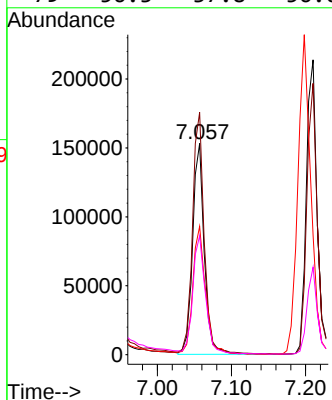
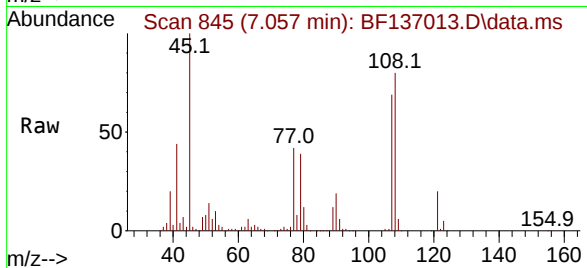




#17
2-Methylphenol
Concen: 38.818 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

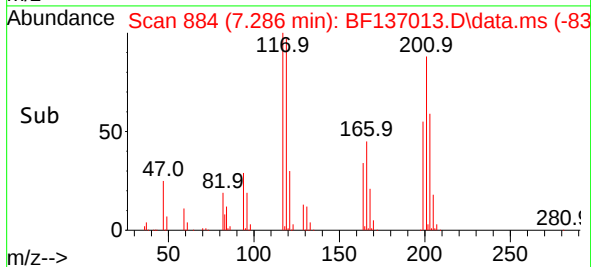
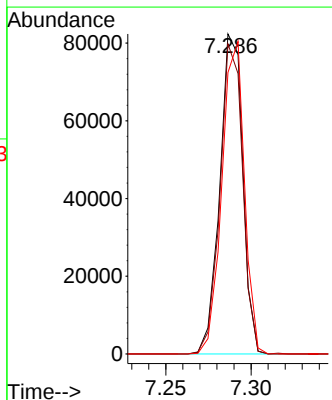
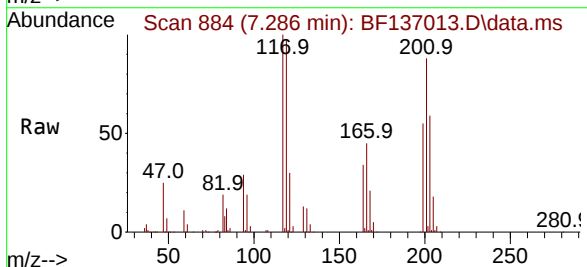
Instrument :
BNA_F
ClientSampleId :
PB158316BS

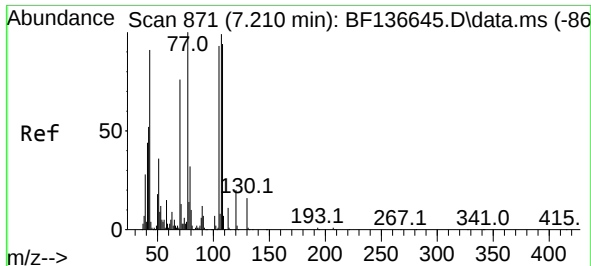
Tgt Ion:	107	Resp:	167894
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.3	135.5
77	60.7	38.7	58.1#
79	56.3	37.8	56.6



#18
Hexachloroethane
Concen: 36.522 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:	117	Resp:	77187
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.6
201	87.9	69.1	103.7

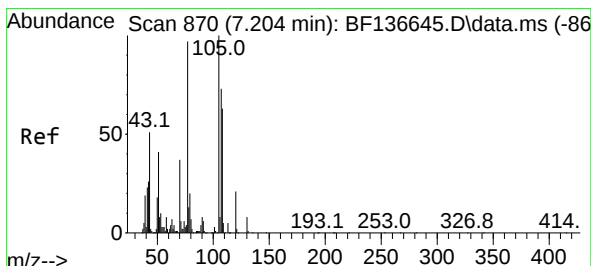
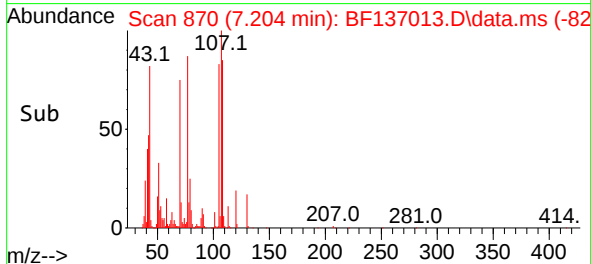
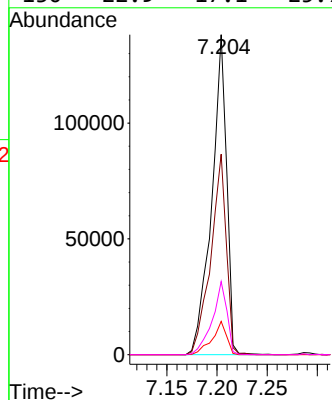
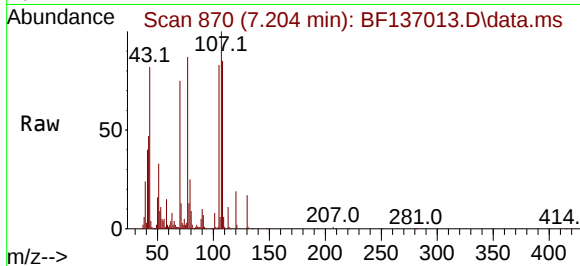




#19
n-Nitroso-di-n-propylamine
Concen: 38.327 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

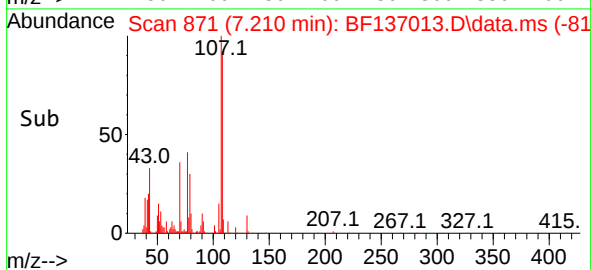
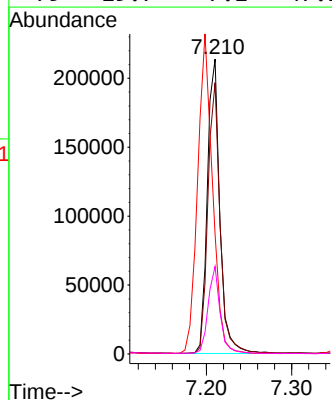
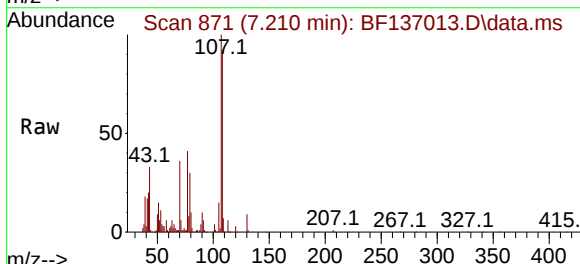
Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion: 70 Resp: 143626
Ion Ratio Lower Upper
70 100
42 62.7 54.2 81.4
101 10.4 7.6 11.4
130 22.9 17.1 25.7



#20
3+4-Methylphenols
Concen: 40.252 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 107 Resp: 217500
Ion Ratio Lower Upper
107 100
108 92.0 66.0 106.0
77 40.6 114.2 154.2#
79 29.7 7.2 47.2

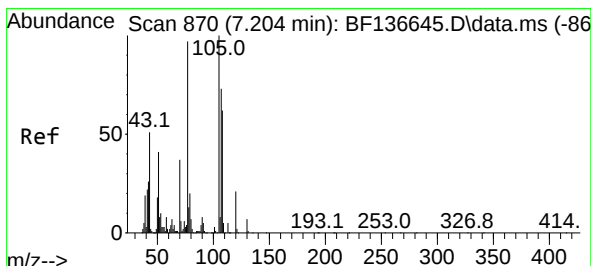
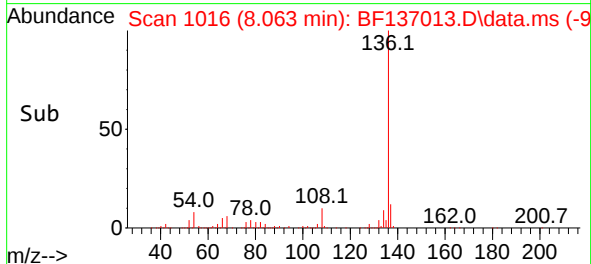
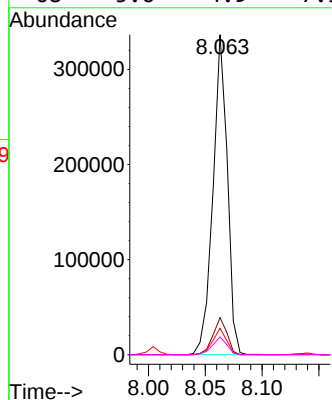
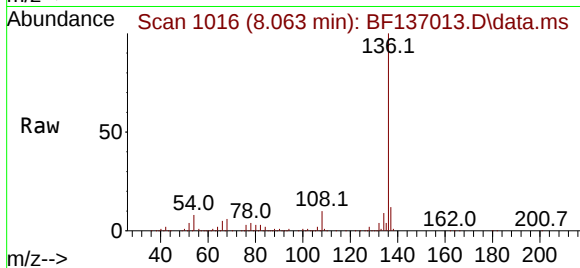




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

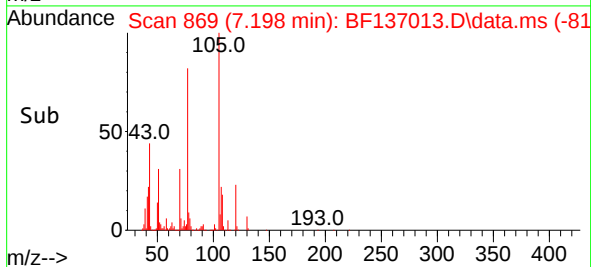
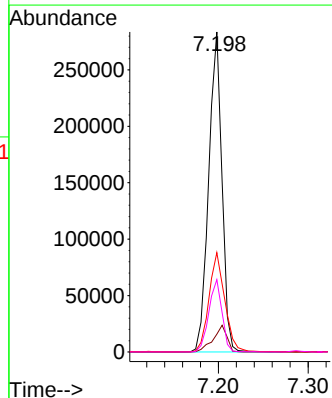
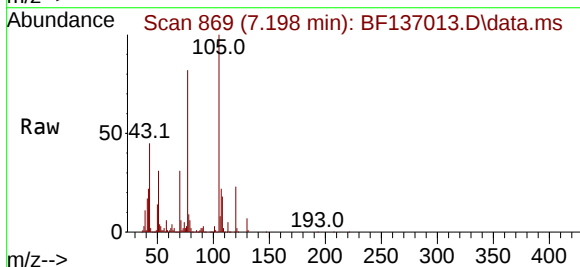
Instrument :
BNA_F
ClientSampleId :
PB158316BS

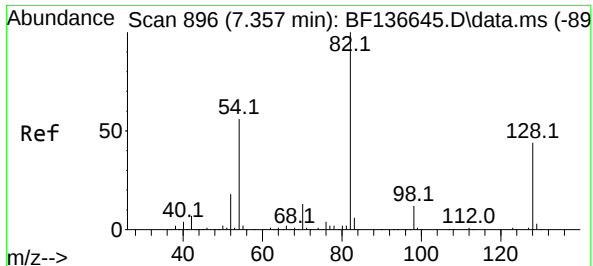
Tgt Ion:	136	Resp:	296117
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.2	7.2	10.8
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 39.209 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:	105	Resp:	291013
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.8	7.2
51	31.1	32.8	49.2#
120	22.6	17.0	25.6

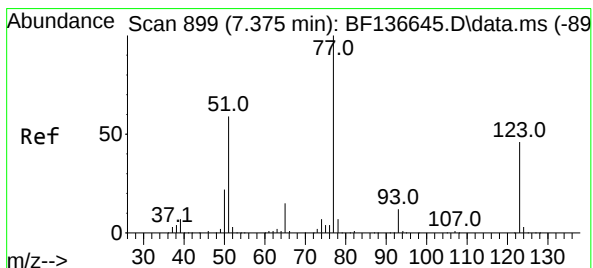
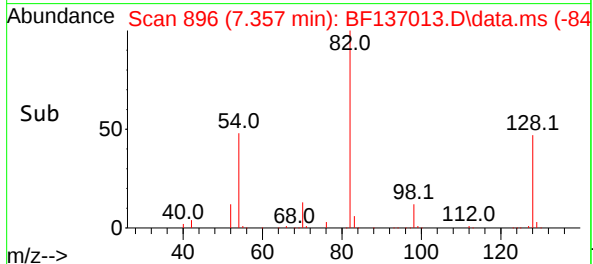
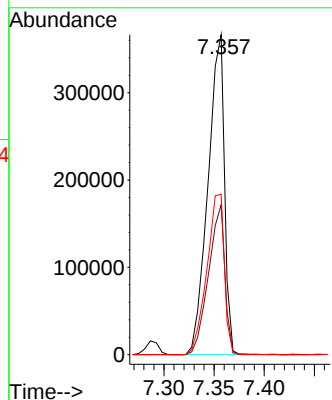
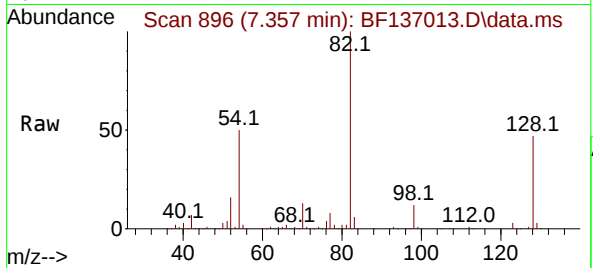




#23
Nitrobenzene-d5
Concen: 72.507 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

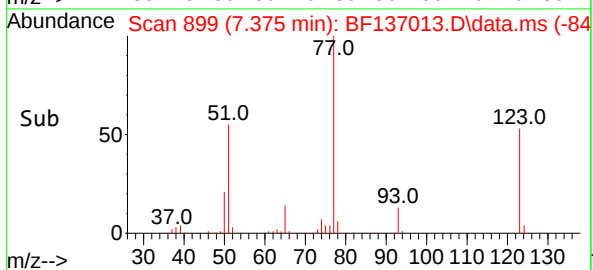
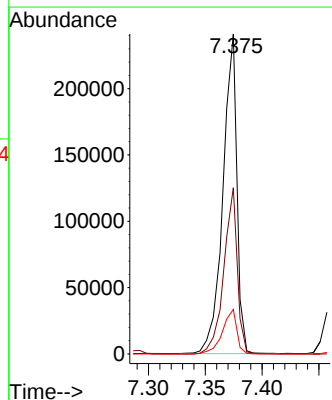
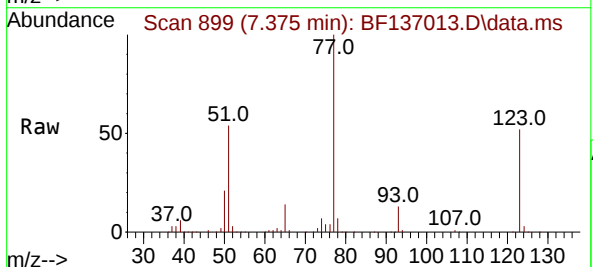
Instrument :
BNA_F
ClientSampleId :
PB158316BS

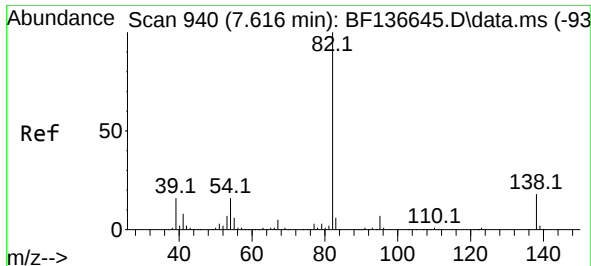
Tgt Ion: 82 Resp: 419584
Ion Ratio Lower Upper
82 100
128 46.9 35.3 52.9
54 50.1 44.5 66.7



#24
Nitrobenzene
Concen: 35.694 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 77 Resp: 206914
Ion Ratio Lower Upper
77 100
123 51.9 36.7 55.1
65 13.9 11.8 17.6

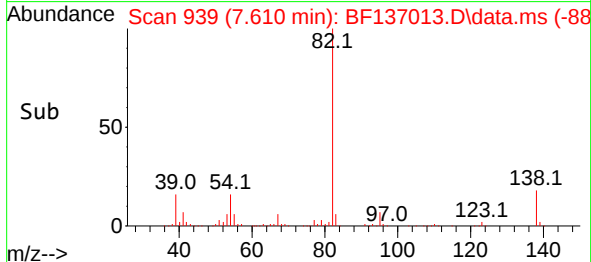
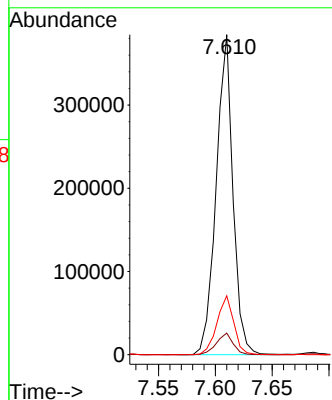
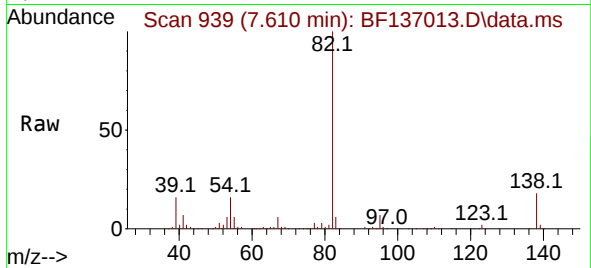




#25
Isophorone
Concen: 37.520 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

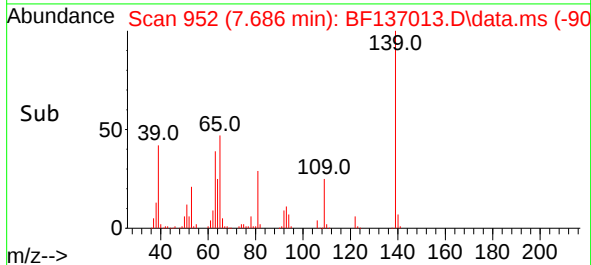
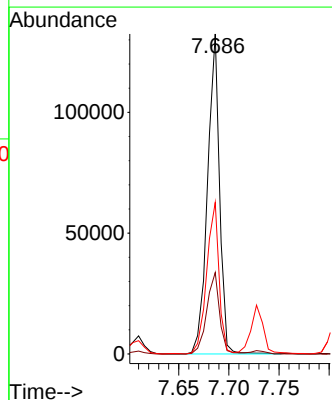
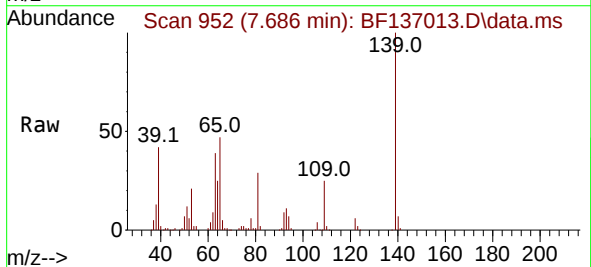
Instrument :
BNA_F
ClientSampleId :
PB158316BS

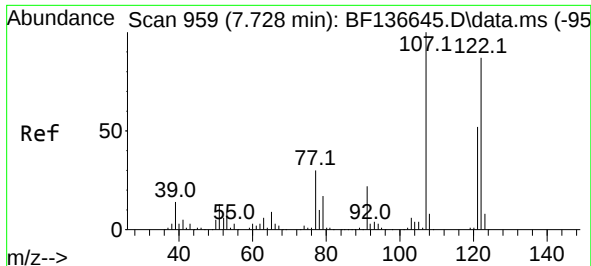
Tgt Ion: 82 Resp: 395078
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.4 14.5 21.7



#26
2-Nitrophenol
Concen: 40.168 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:139 Resp: 111406
Ion Ratio Lower Upper
139 100
109 25.5 21.9 32.9
65 47.4 38.6 58.0

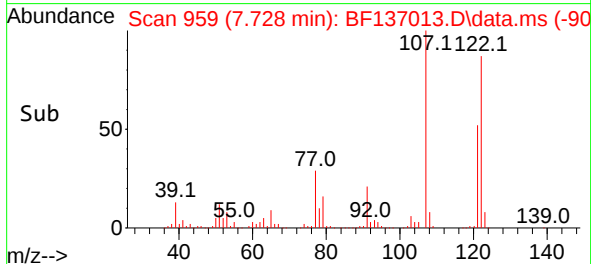
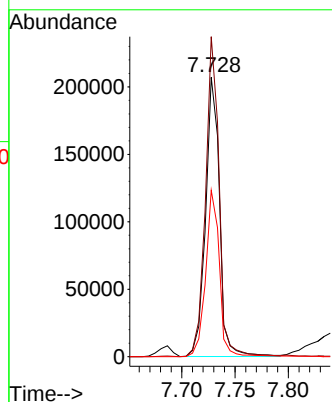
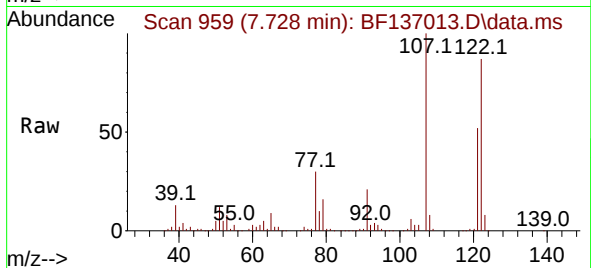




#27
2,4-Dimethylphenol
Concen: 55.951 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

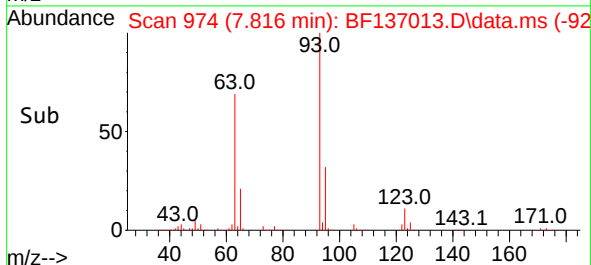
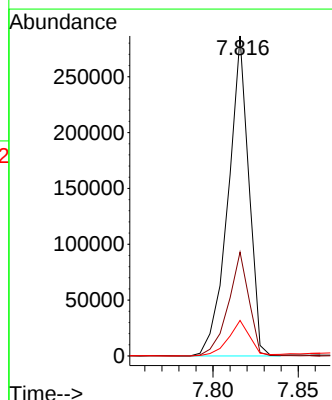
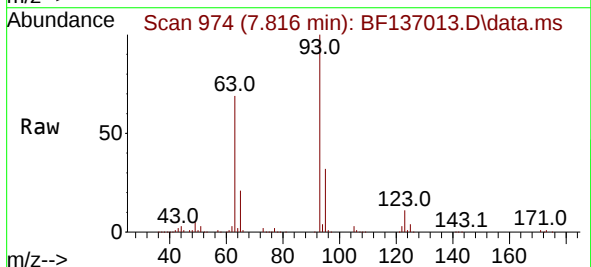
Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion:122 Resp: 188922
Ion Ratio Lower Upper
122 100
107 114.5 92.0 138.0
121 59.6 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 37.783 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 93 Resp: 241831
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.1 9.2 13.8

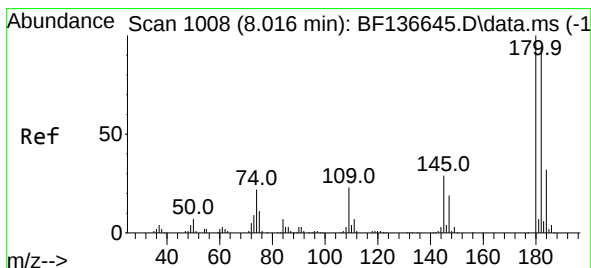
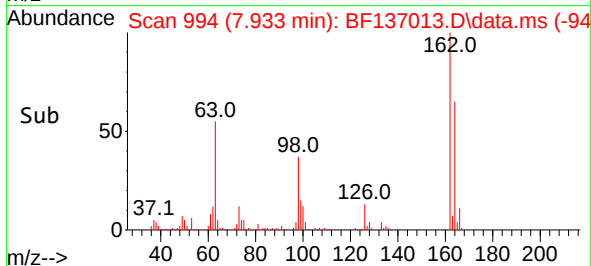
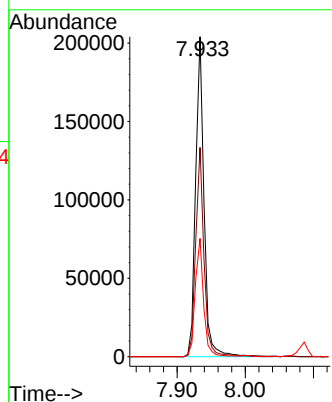
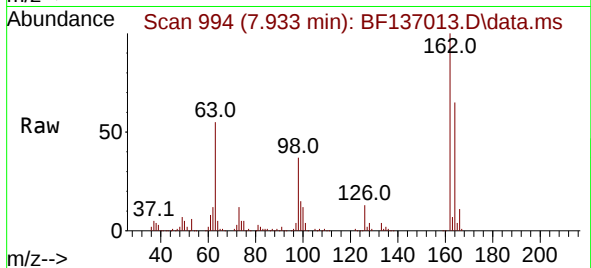




#29
2,4-Dichlorophenol
Concen: 39.934 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

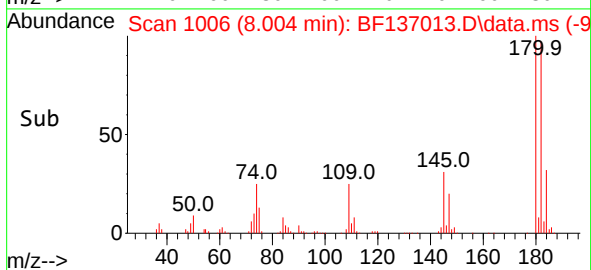
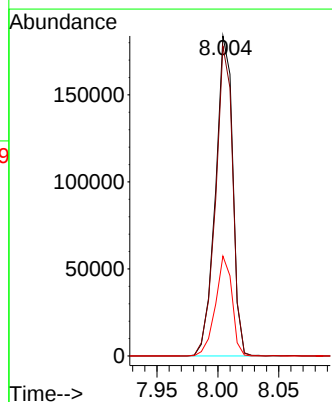
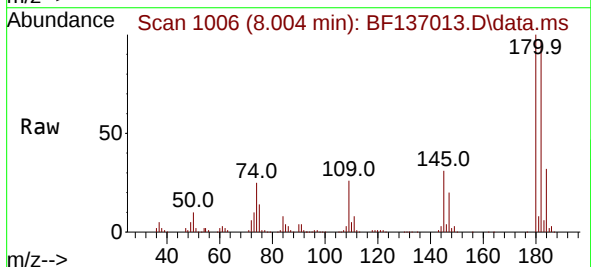
Instrument :
BNA_F
ClientSampleId :
PB158316BS

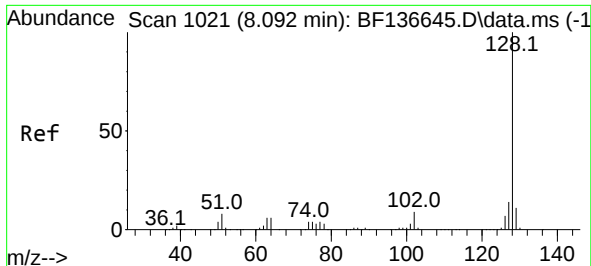
Tgt Ion:162 Resp: 173592
Ion Ratio Lower Upper
162 100
164 65.4 41.7 81.7
98 36.9 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.483 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:180 Resp: 181543
Ion Ratio Lower Upper
180 100
182 96.9 75.4 113.0
145 31.2 23.1 34.7

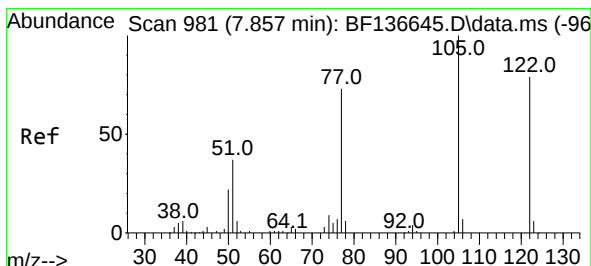
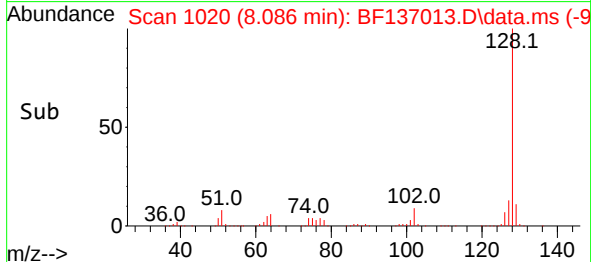
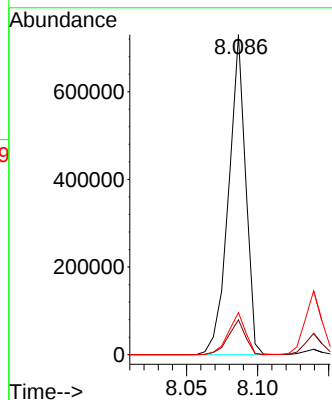
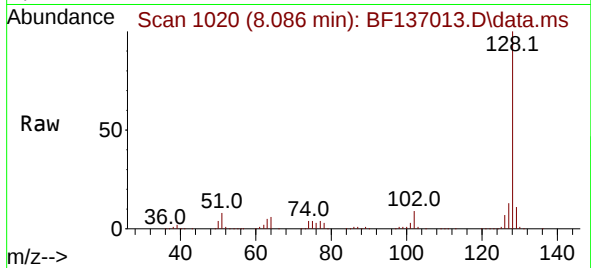




#31
Naphthalene
Concen: 37.395 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

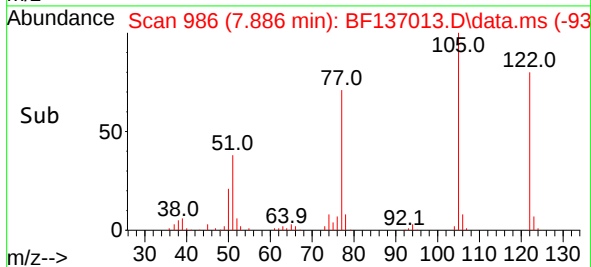
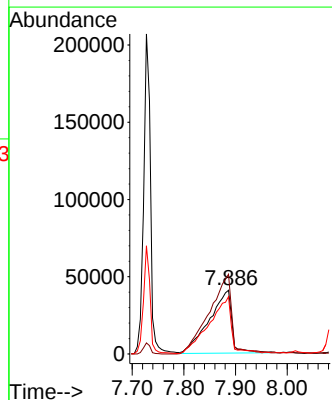
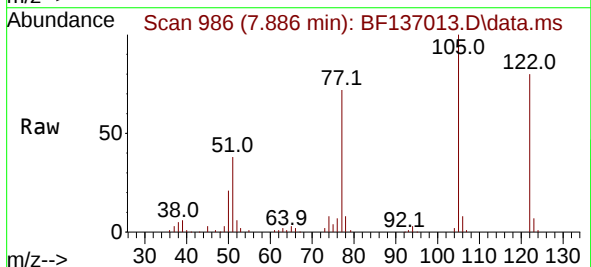
Instrument :
BNA_F
ClientSampleId :
PB158316BS

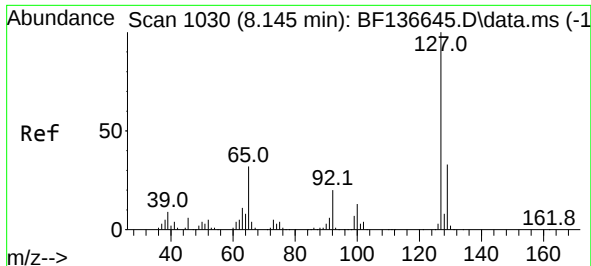
Tgt Ion:128 Resp: 608343
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 38.255 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:122 Resp: 124979
Ion Ratio Lower Upper
122 100
105 125.2 100.8 140.8
77 89.9 70.9 110.9

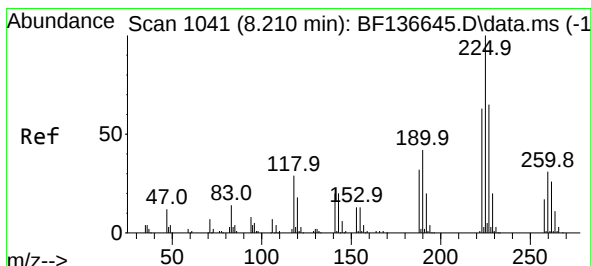
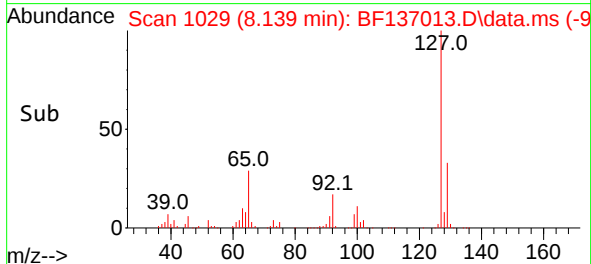
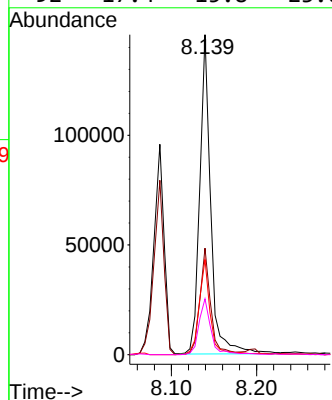
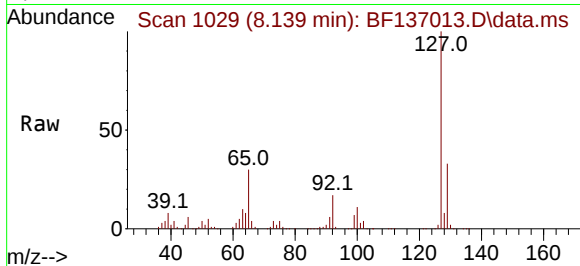




#33
4-Chloroaniline
Concen: 21.908 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

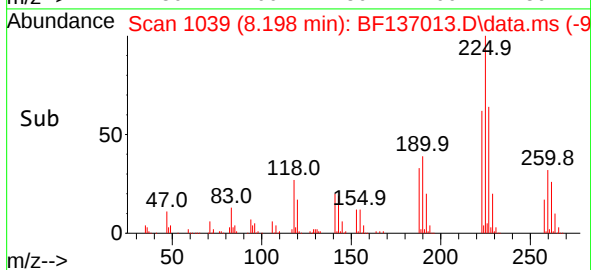
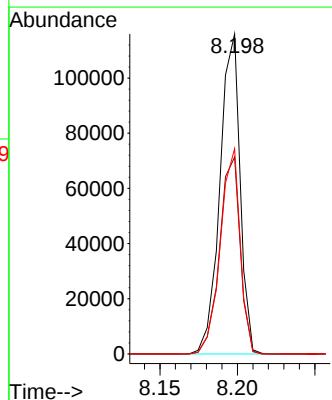
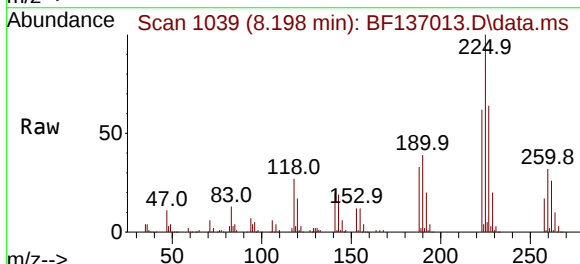
Instrument :
BNA_F
ClientSampleId :
PB158316BS

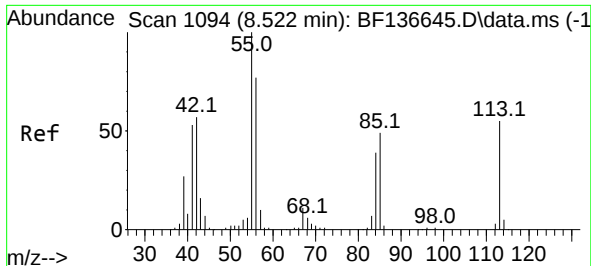
Tgt	Ion:127	Resp:	131588
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	29.8	25.8	38.8
92	17.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 35.644 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt	Ion:225	Resp:	104889
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	64.2	51.9	77.9

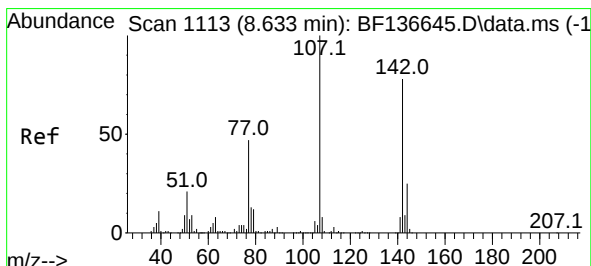
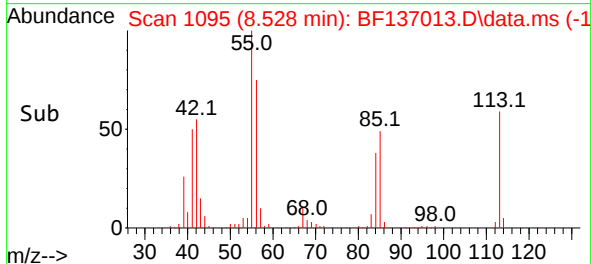
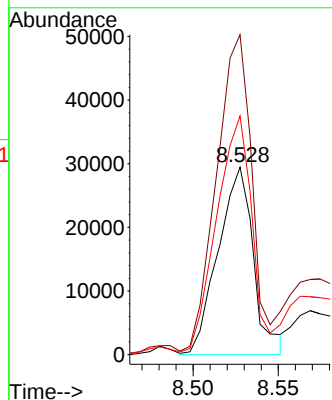
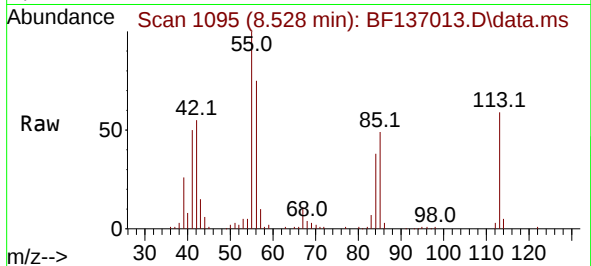




#35
Caprolactam
Concen: 29.566 ng
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

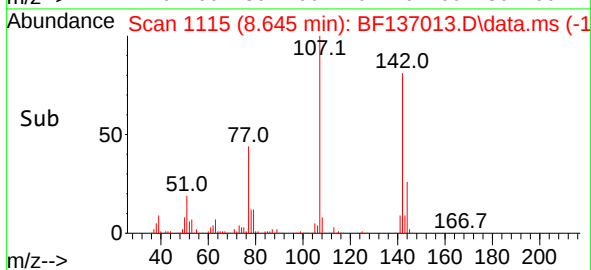
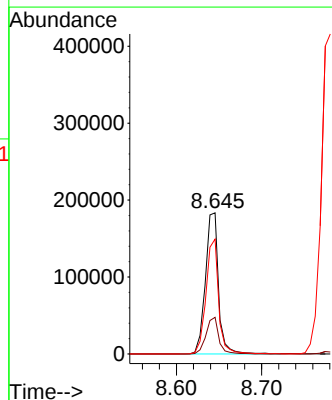
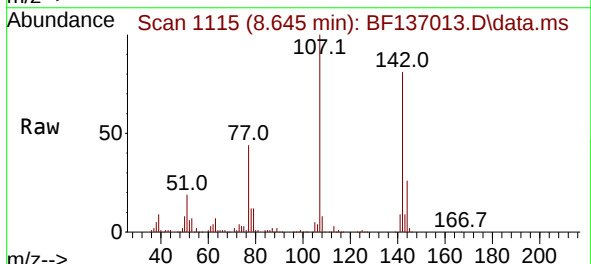
Instrument :
BNA_F
ClientSampleId :
PB158316BS

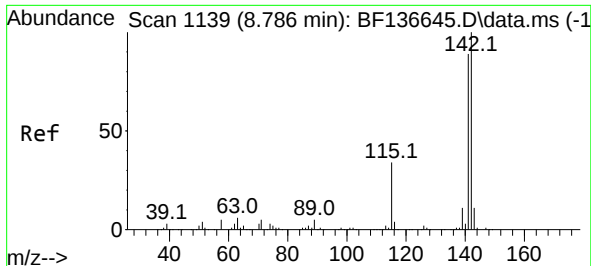
Tgt Ion:113 Resp: 42399
Ion Ratio Lower Upper
113 100
55 170.7 163.1 203.1
56 127.3 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 40.075 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:107 Resp: 196118
Ion Ratio Lower Upper
107 100
144 25.9 20.2 30.2
142 81.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.946 ng

RT: 8.780 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

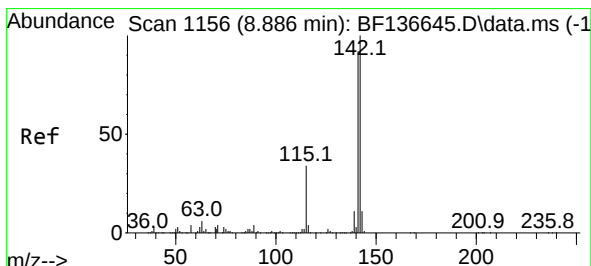
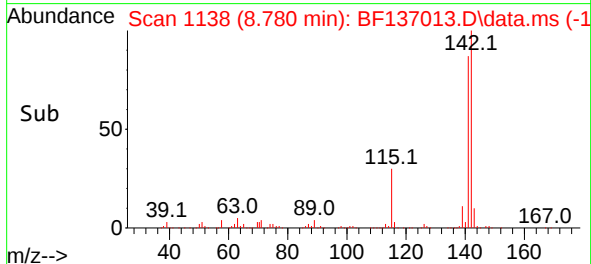
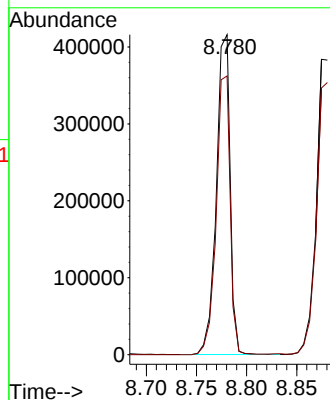
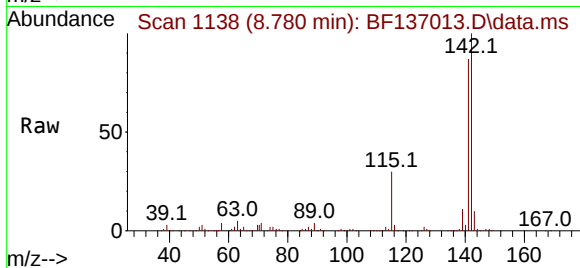
PB158316BS

Tgt Ion:142 Resp: 397272

Ion Ratio Lower Upper

142 100

141 87.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.268 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137013.D

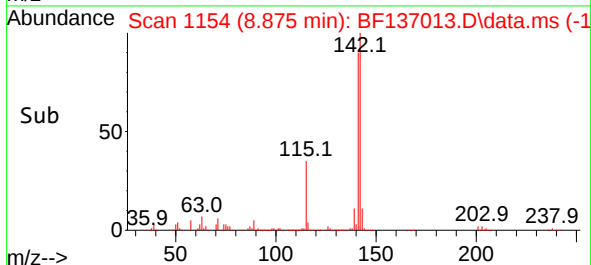
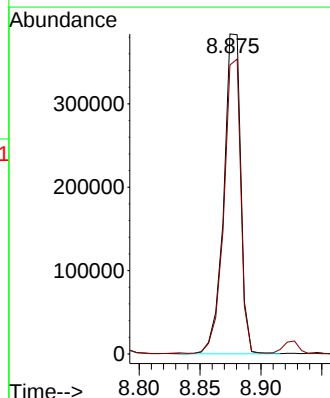
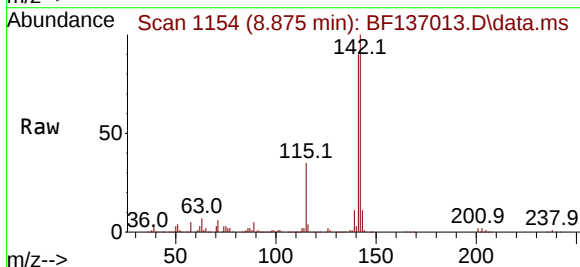
Acq: 10 Jan 2024 11:27

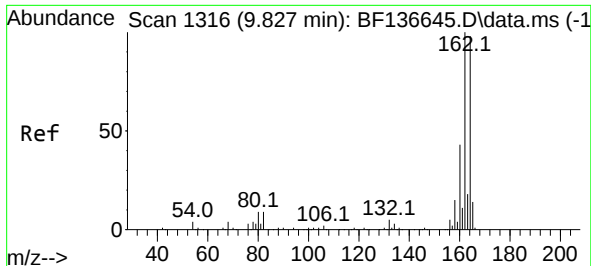
Tgt Ion:142 Resp: 372528

Ion Ratio Lower Upper

142 100

141 90.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

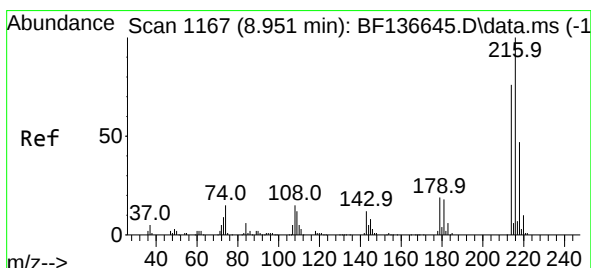
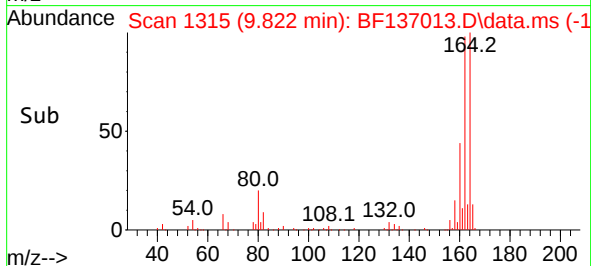
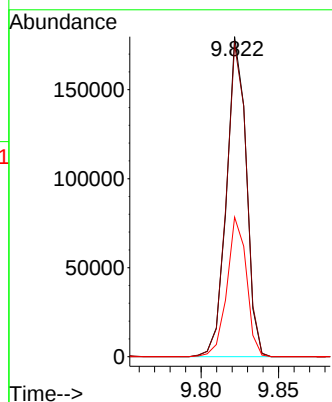
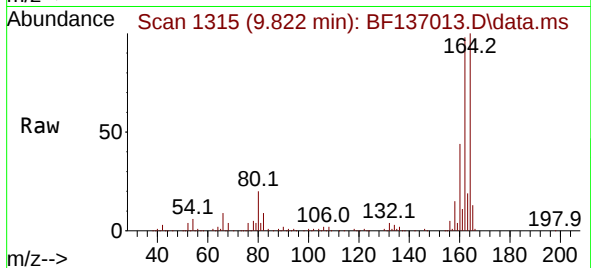
Tgt Ion:164 Resp: 158639

Ion Ratio Lower Upper

164 100

162 97.6 81.6 122.4

160 43.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.884 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:216 Resp: 191036

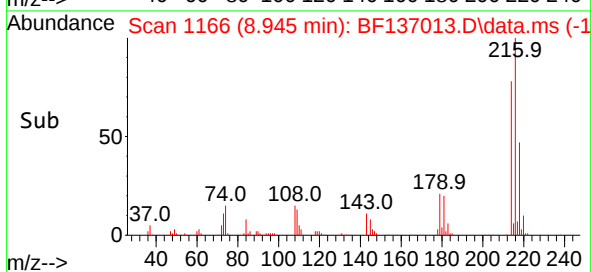
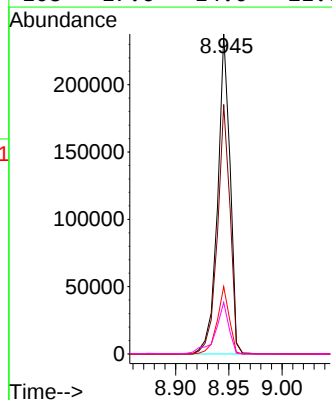
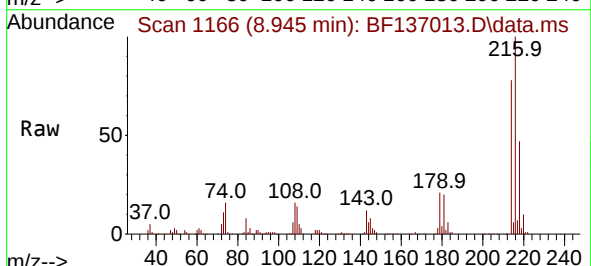
Ion Ratio Lower Upper

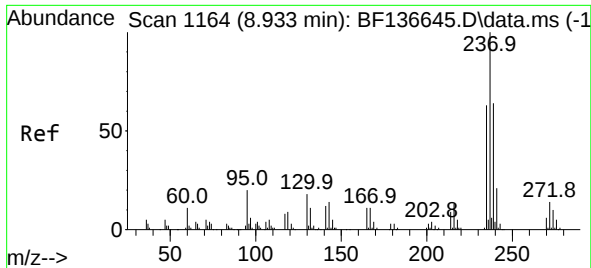
216 100

214 78.8 62.3 93.5

179 20.4 16.4 24.6

108 17.6 14.0 21.0

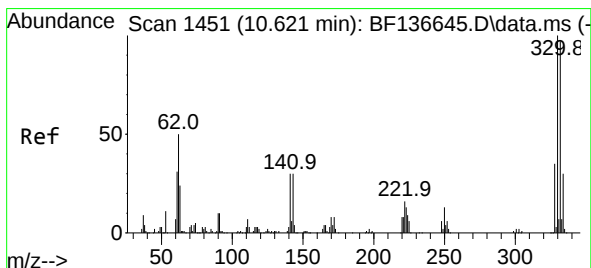
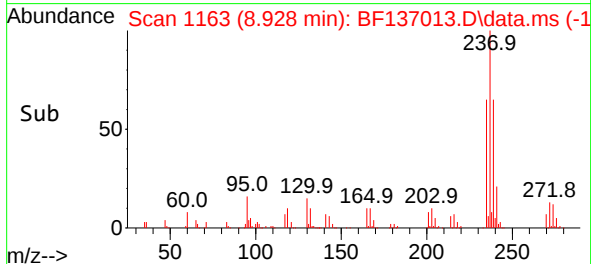
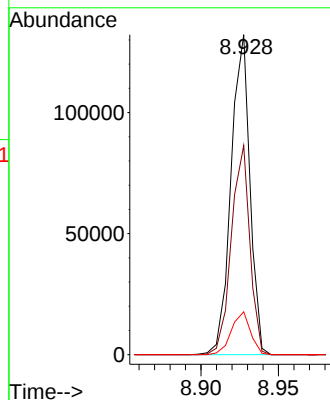
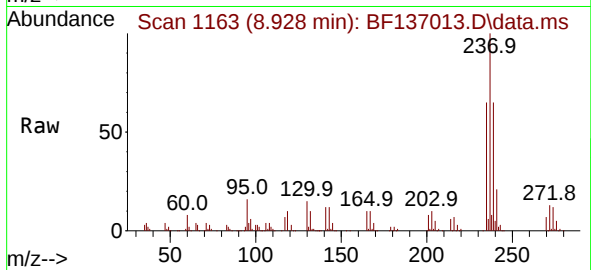




#41
Hexachlorocyclopentadiene
Concen: 71.997 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

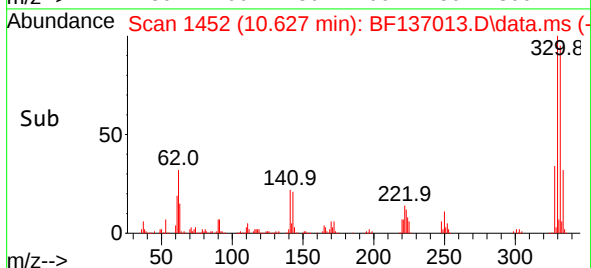
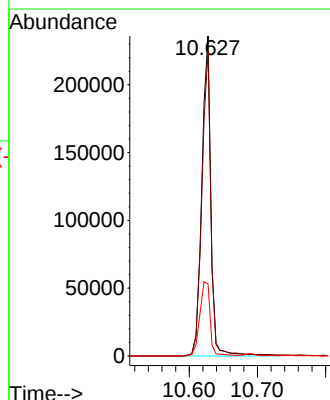
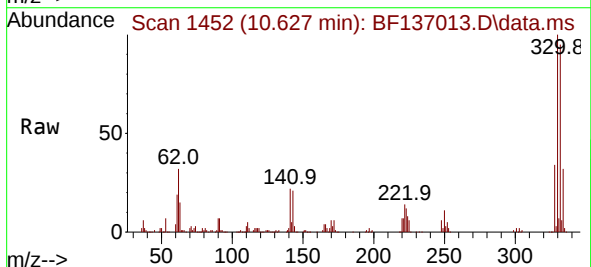
Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion:237 Resp: 111964
Ion Ratio Lower Upper
237 100
235 65.4 43.2 83.2
272 13.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 116.552 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

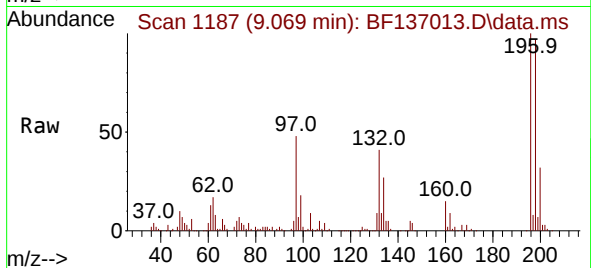
Tgt Ion:330 Resp: 217758
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 26.4 23.4 35.2



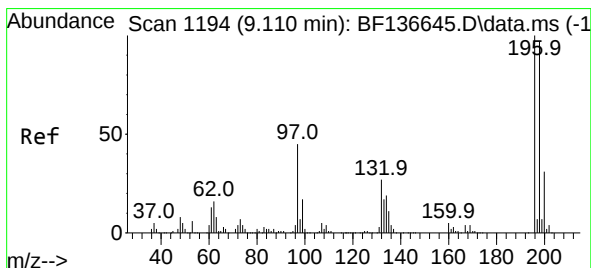
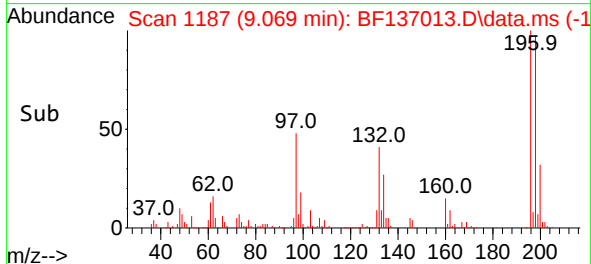
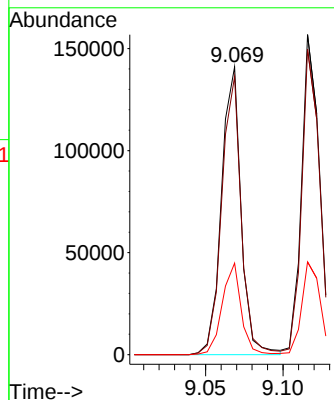


#43
2,4,6-Trichlorophenol
Concen: 39.485 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :
BNA_F
ClientSampleId :
PB158316BS

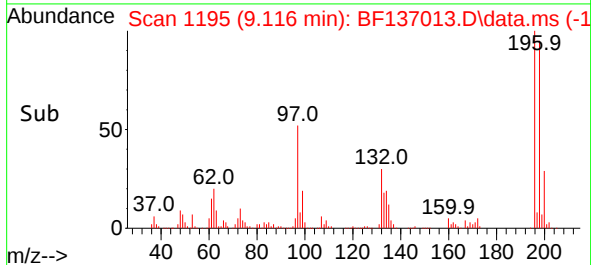
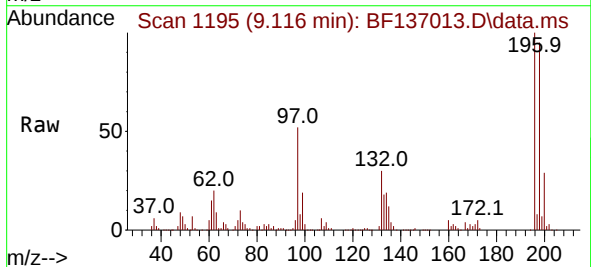
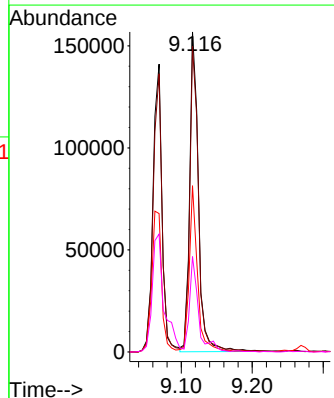


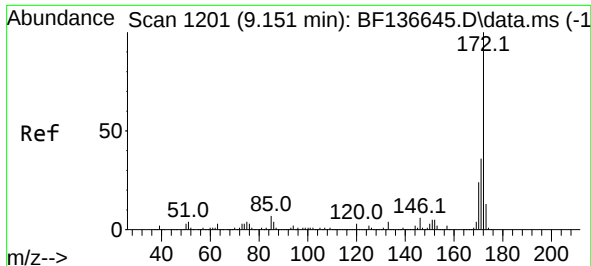
Tgt Ion:196 Resp: 124408
Ion Ratio Lower Upper
196 100
198 96.6 75.1 112.7
200 31.8 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.467 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:196 Resp: 135061
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.6
97 51.9 36.1 54.1
132 29.8 21.8 32.6

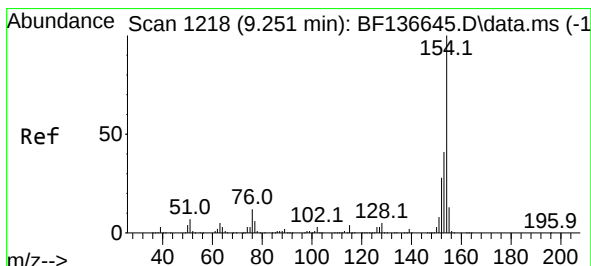
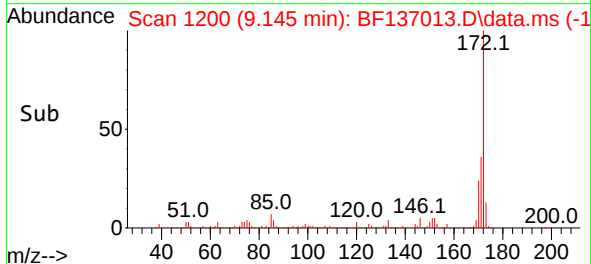
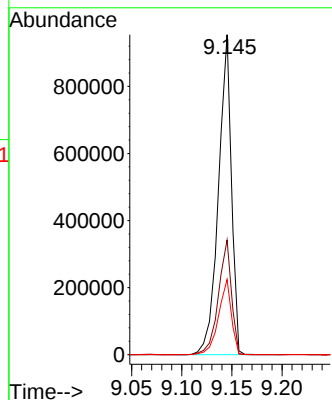
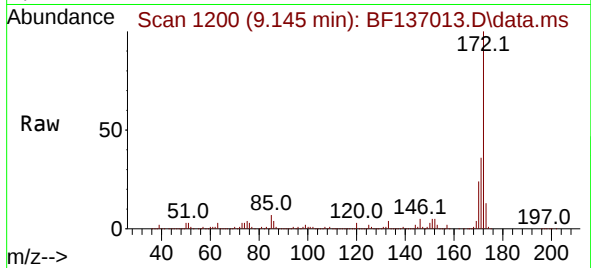




#45
2-Fluorobiphenyl
Concen: 72.829 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

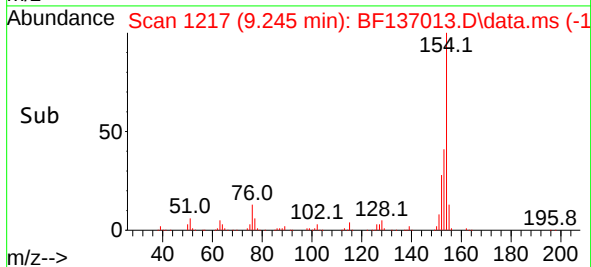
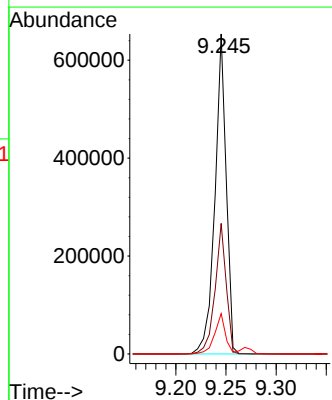
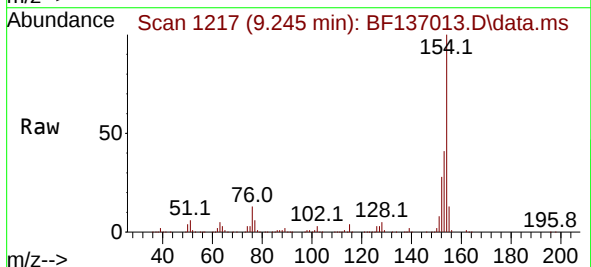
Instrument :
BNA_F
ClientSampleId :
PB158316BS

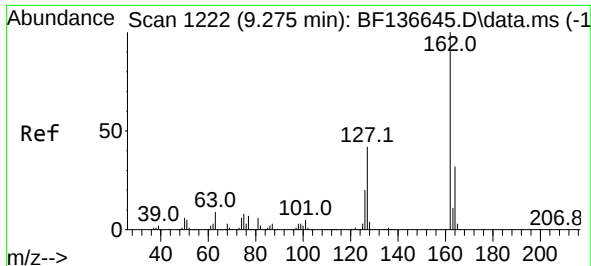
Tgt Ion:172 Resp: 859012
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.394 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:154 Resp: 511113
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 12.6 0.0 31.7





#47

2-Chloronaphthalene

Concen: 37.308 ng

RT: 9.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

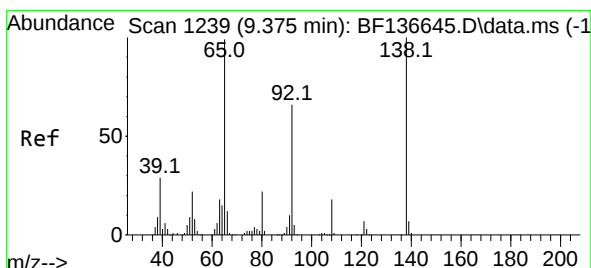
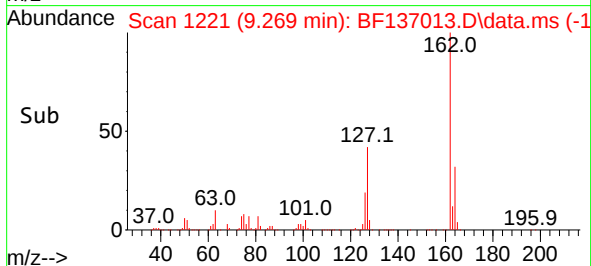
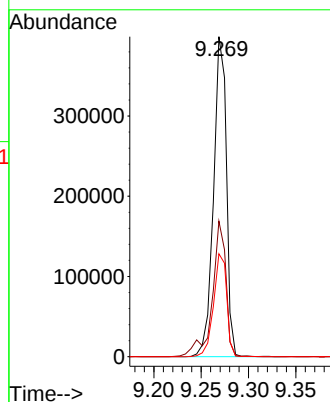
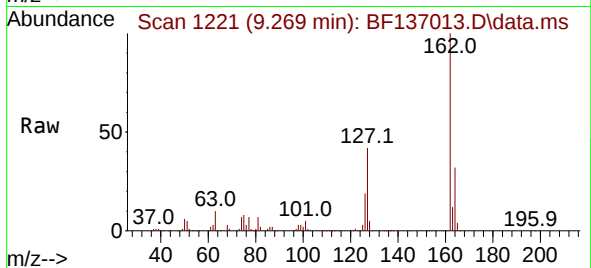
Tgt Ion:162 Resp: 377561

Ion Ratio Lower Upper

162 100

127 42.4 33.6 50.4

164 32.1 25.7 38.5



#48

2-Nitroaniline

Concen: 39.146 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

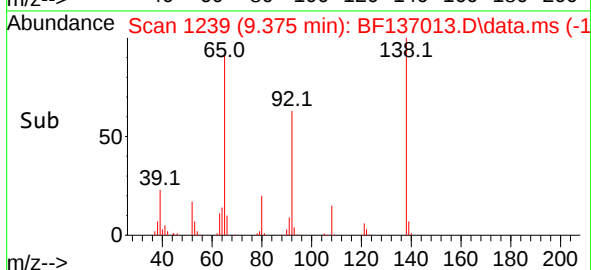
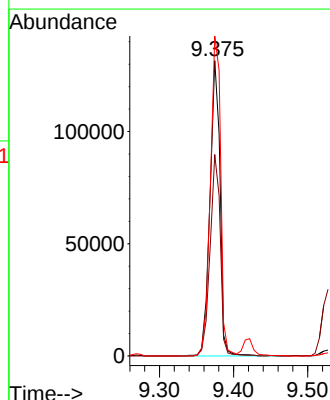
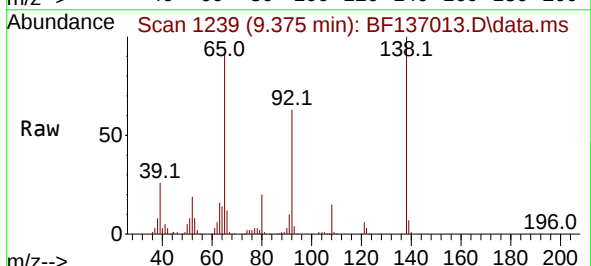
Tgt Ion: 65 Resp: 124058

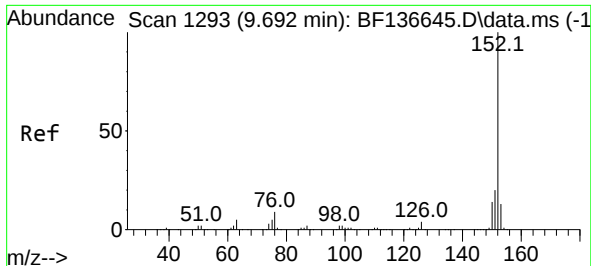
Ion Ratio Lower Upper

65 100

92 68.2 53.2 79.8

138 108.4 81.1 121.7





#49

Acenaphthylene

Concen: 39.260 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

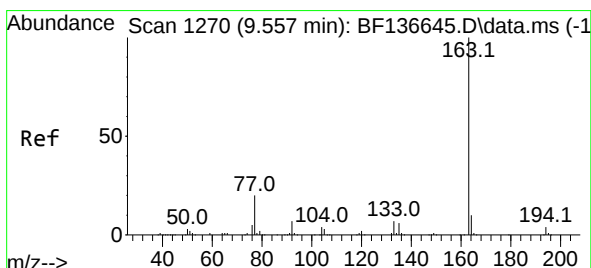
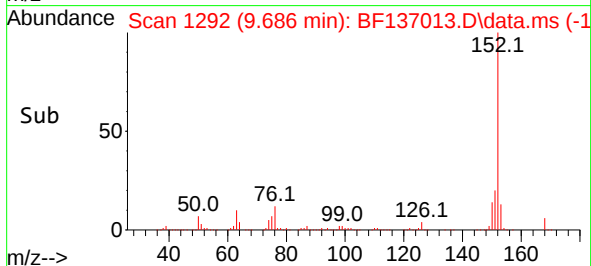
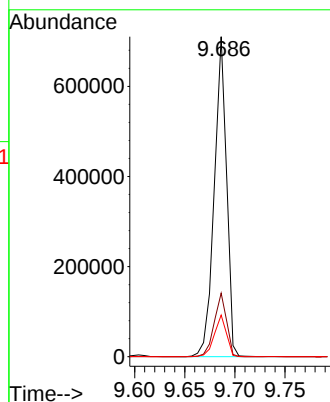
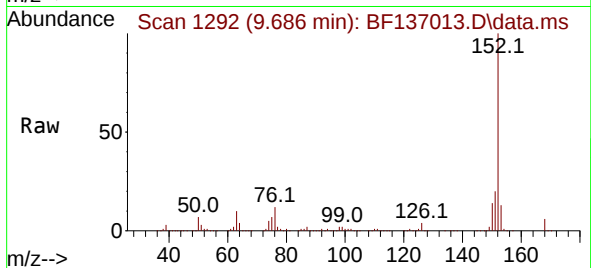
Tgt Ion:152 Resp: 607300

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.0 10.2 15.2



#50

Dimethylphthalate

Concen: 39.772 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

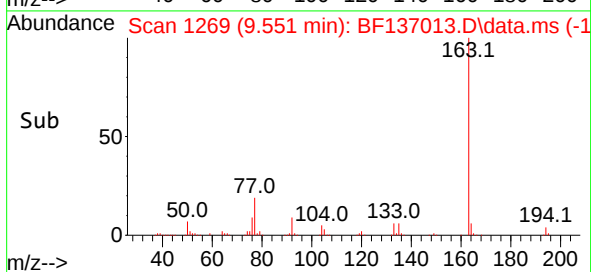
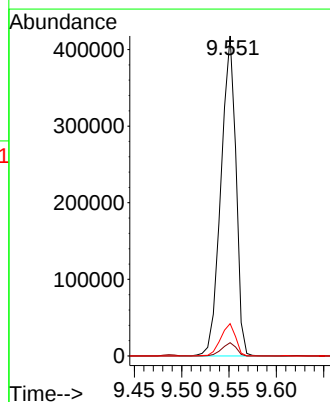
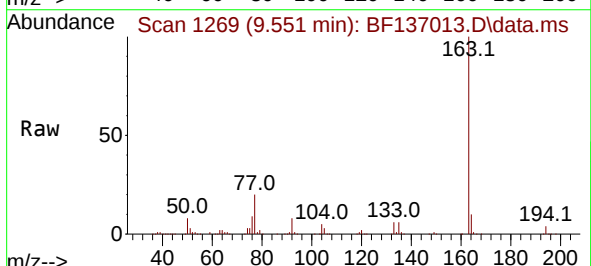
Tgt Ion:163 Resp: 460857

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.424 ng

RT: 9.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

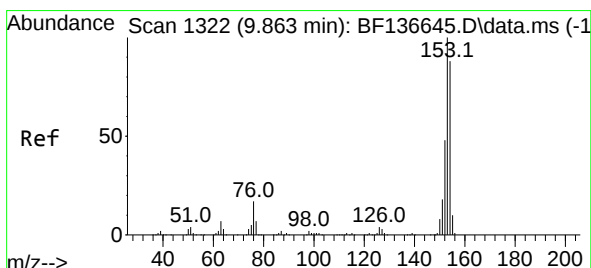
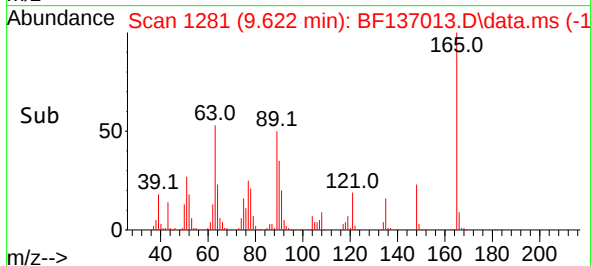
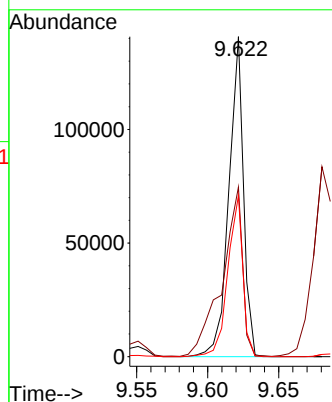
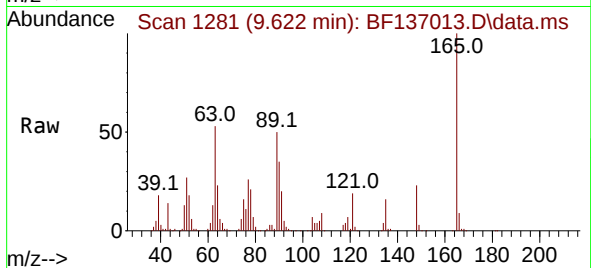
Tgt Ion:165 Resp: 101047

Ion Ratio Lower Upper

165 100

63 53.0 39.8 59.6

89 50.3 38.8 58.2



#52

Acenaphthene

Concen: 38.459 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

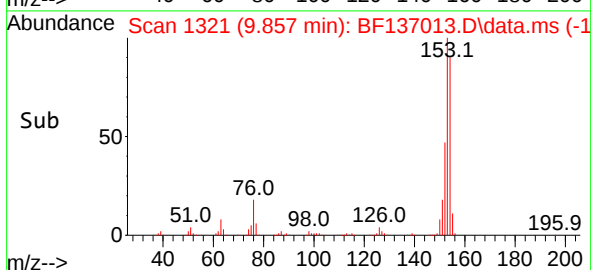
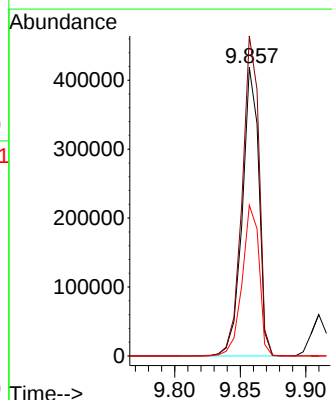
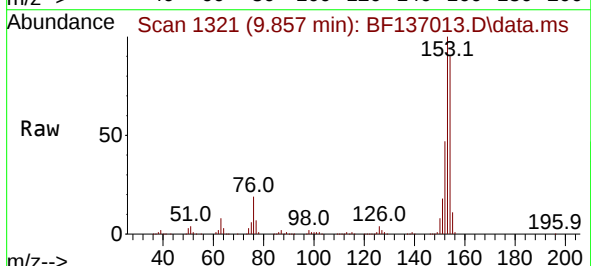
Tgt Ion:154 Resp: 368769

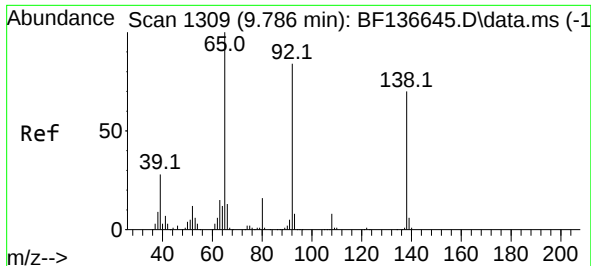
Ion Ratio Lower Upper

154 100

153 110.9 90.7 136.1

152 52.2 43.7 65.5

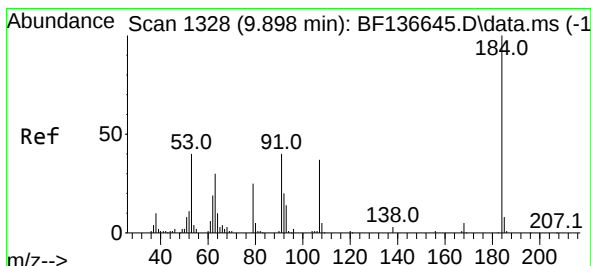
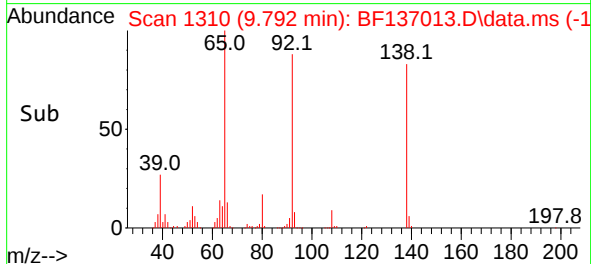
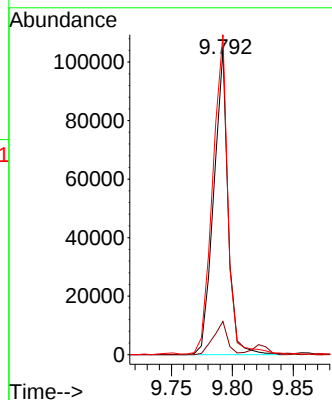
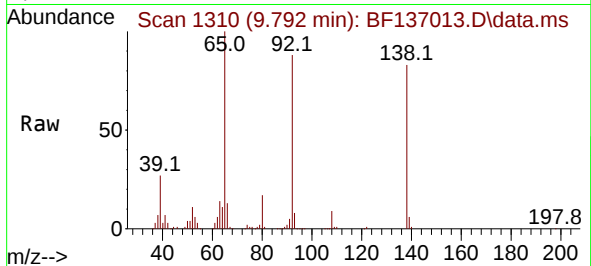




#53
3-Nitroaniline
Concen: 30.712 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

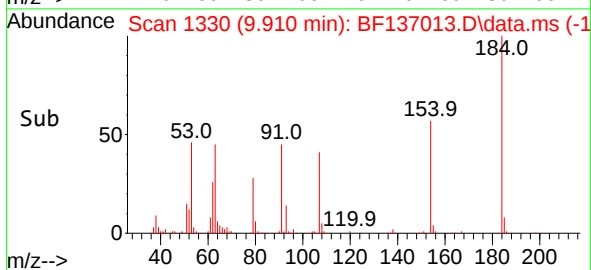
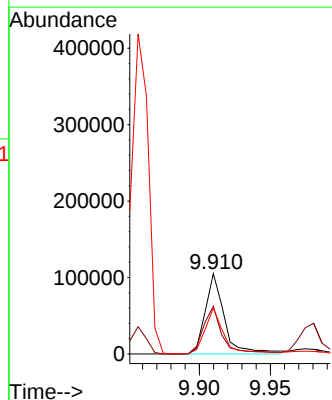
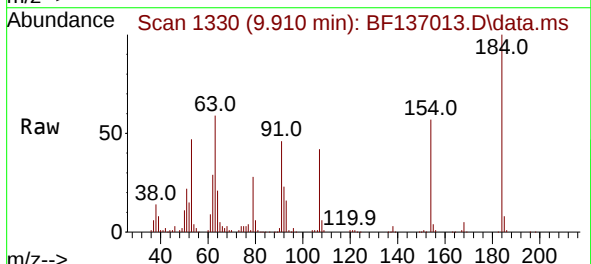
Instrument :
BNA_F
ClientSampleId :
PB158316BS

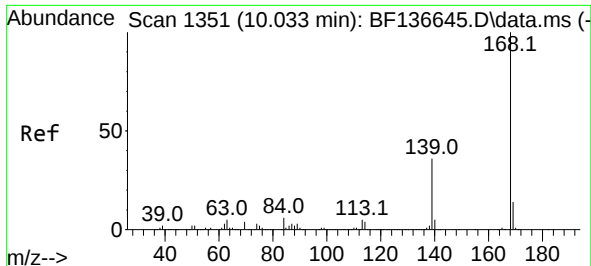
Tgt Ion:138 Resp: 85556
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 105.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 68.172 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:184 Resp: 98514
Ion Ratio Lower Upper
184 100
63 59.4 40.9 61.3
154 57.3 42.7 64.1

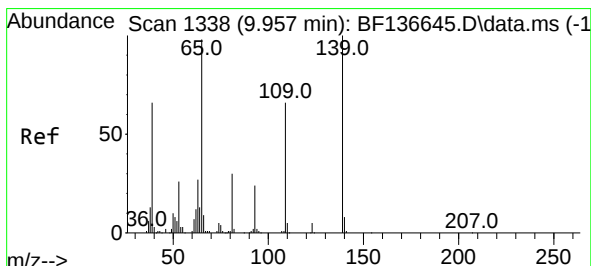
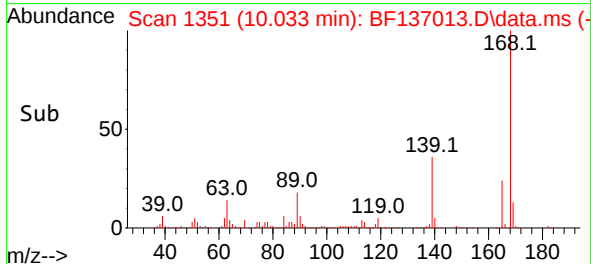
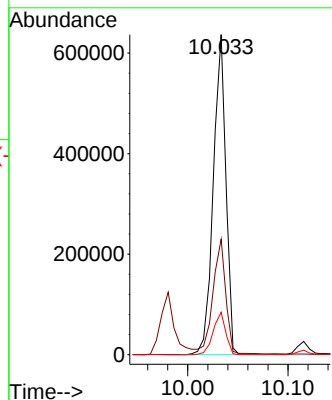
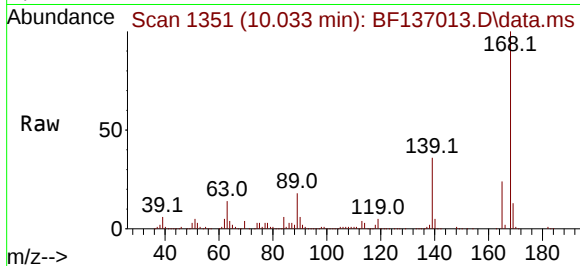




#55
Dibenzofuran
Concen: 38.250 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

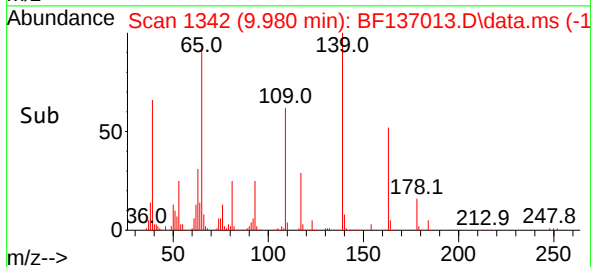
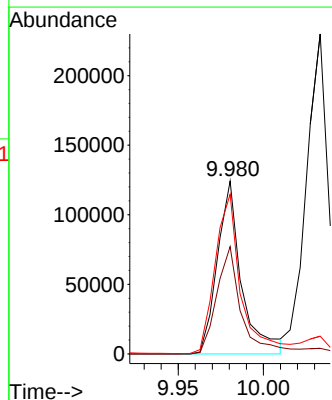
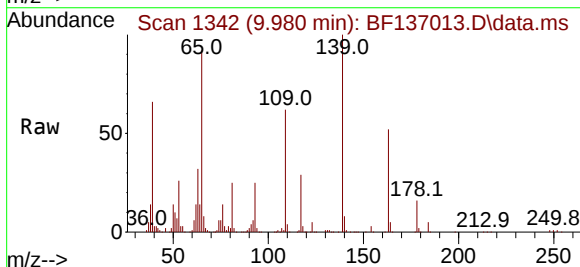
Instrument :
BNA_F
ClientSampleId :
PB158316BS

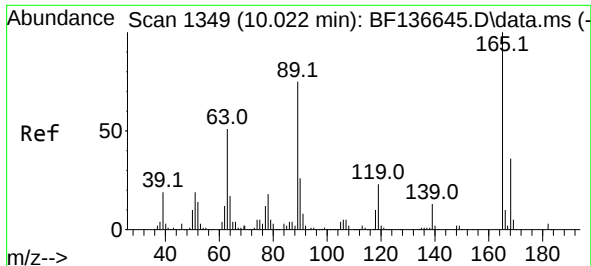
Tgt Ion:168 Resp: 555968
Ion Ratio Lower Upper
168 100
139 36.1 29.3 43.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 65.328 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.024 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:139 Resp: 122852
Ion Ratio Lower Upper
139 100
109 62.1 45.8 85.8
65 92.3 77.8 117.8

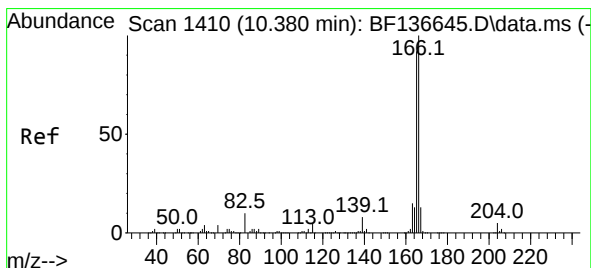
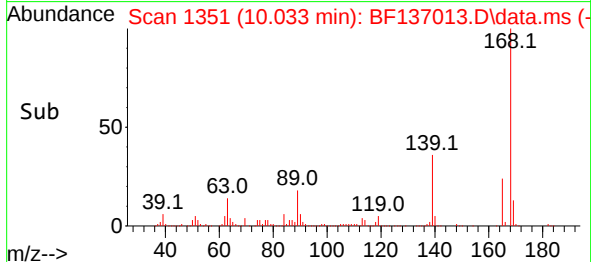
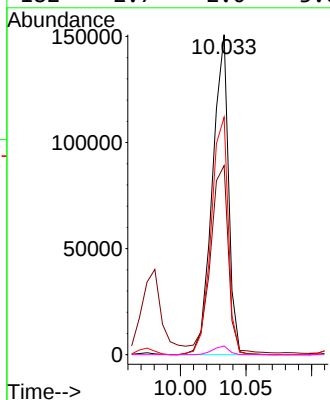
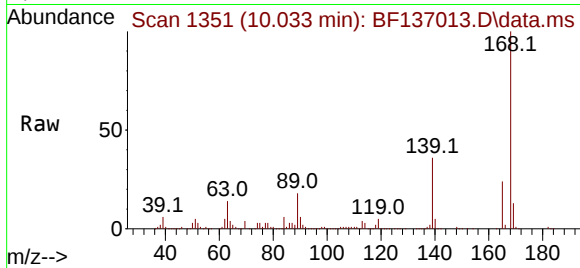




#57
2,4-Dinitrotoluene
Concen: 37.703 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

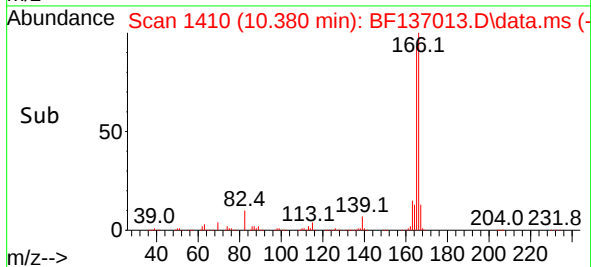
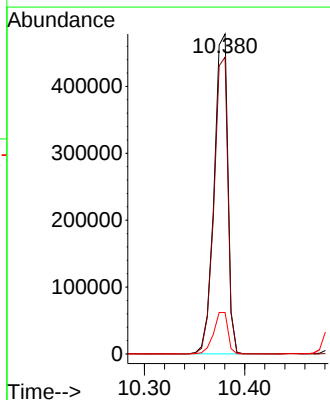
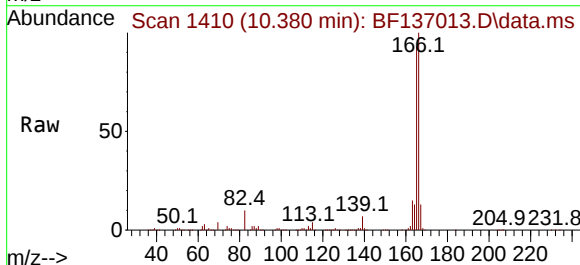
Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion:165 Resp: 128717
Ion Ratio Lower Upper
165 100
63 59.1 41.0 61.6
89 74.2 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.439 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:166 Resp: 454852
Ion Ratio Lower Upper
166 100
165 92.8 73.7 110.5
167 13.0 10.4 15.6

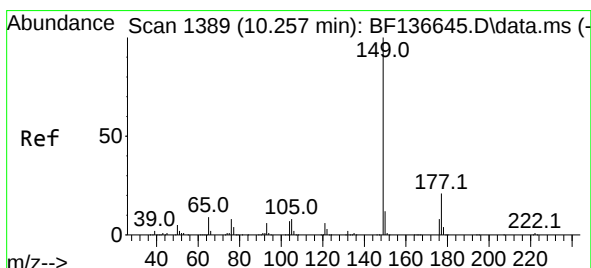
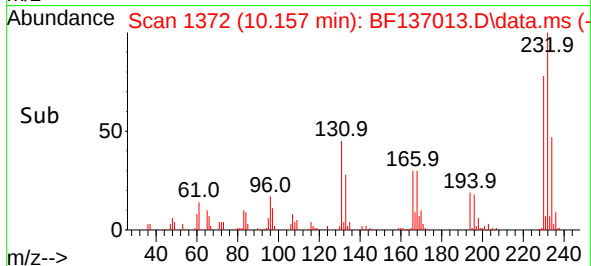
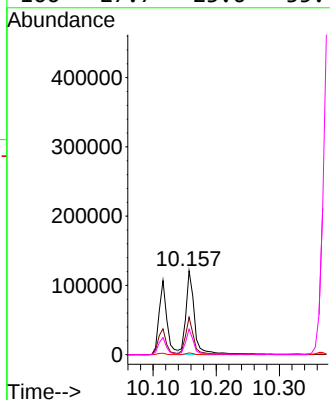
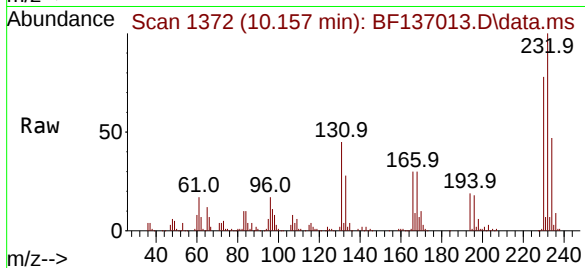




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.474 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

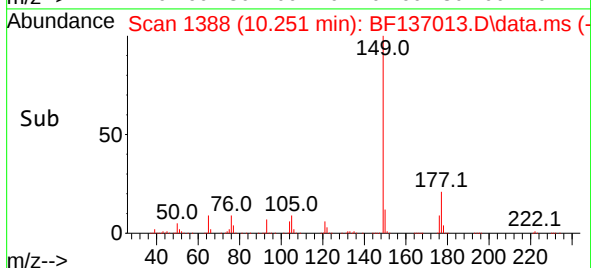
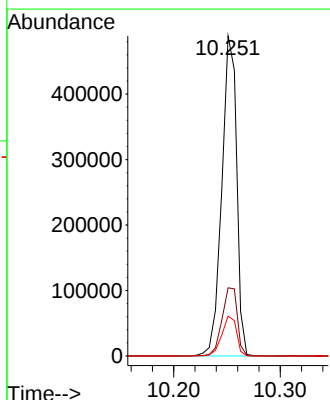
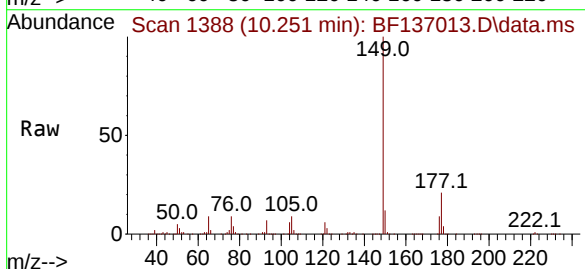
Instrument :
BNA_F
ClientSampleId :
PB158316BS

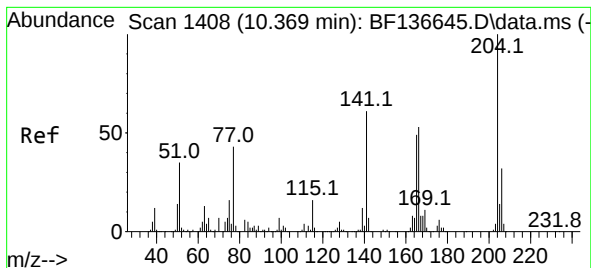
Tgt Ion:232 Resp: 114797
Ion Ratio Lower Upper
232 100
131 41.3 35.1 52.7
130 1.9 1.6 2.4
166 27.7 23.6 35.4



#60
Diethylphthalate
Concen: 39.255 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:149 Resp: 471953
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.4 9.3 13.9

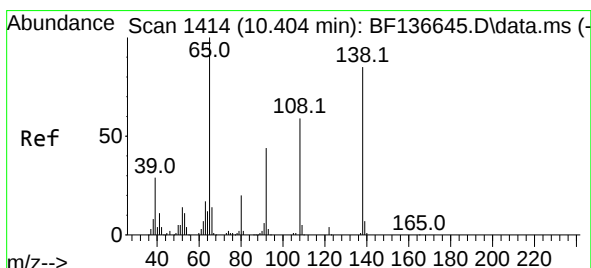
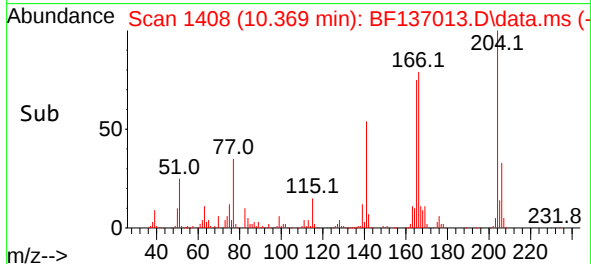
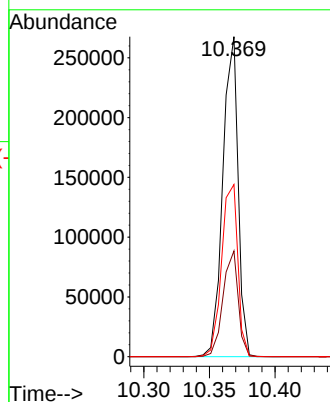
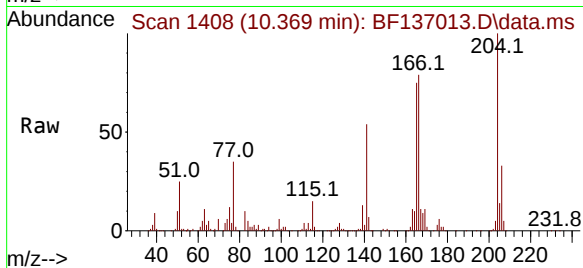




#61
4-Chlorophenyl-phenylether
Concen: 38.650 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

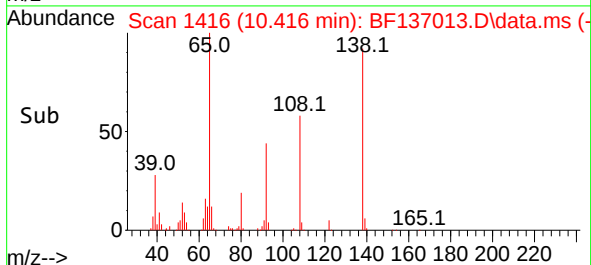
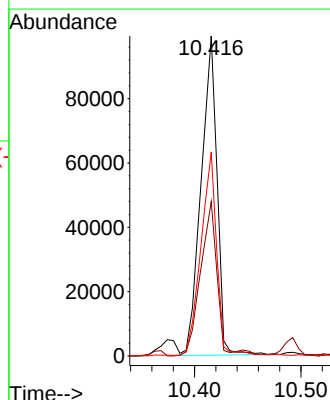
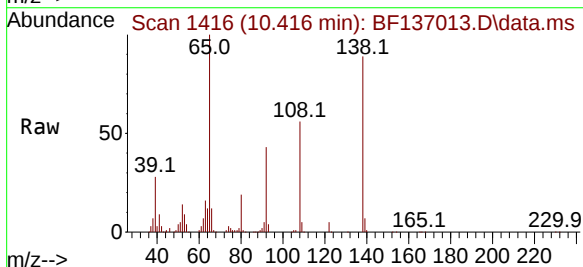
Instrument :
BNA_F
ClientSampleId :
PB158316BS

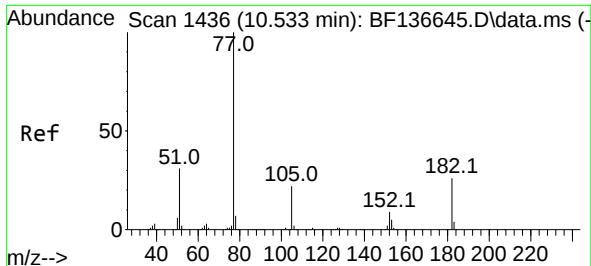
Tgt Ion:204 Resp: 216668
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 53.8 48.4 72.6



#62
4-Nitroaniline
Concen: 38.594 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:138 Resp: 103645
Ion Ratio Lower Upper
138 100
92 48.2 32.1 72.1
108 63.7 50.1 90.1

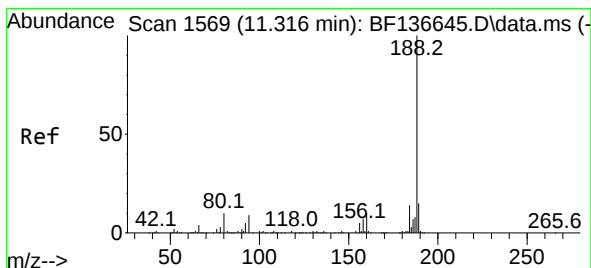
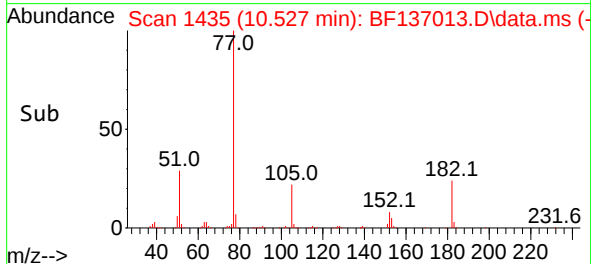
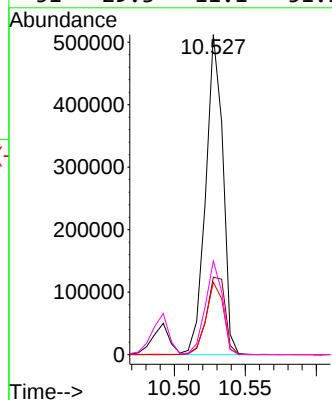
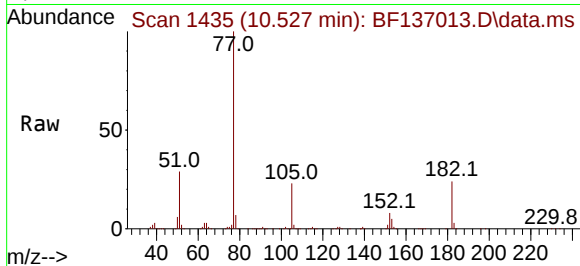




#63
Azobenzene
Concen: 38.271 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

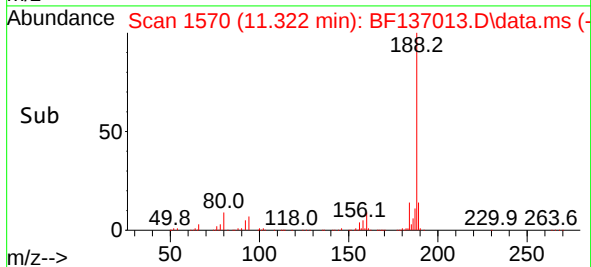
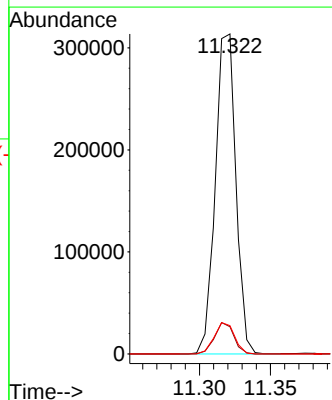
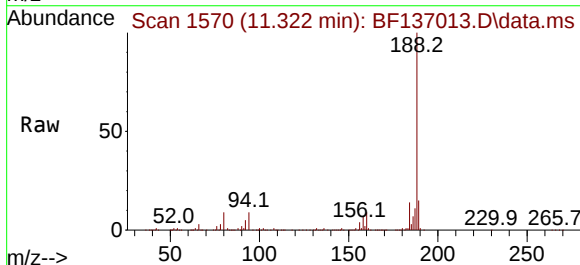
Instrument :
BNA_F
ClientSampleId :
PB158316BS

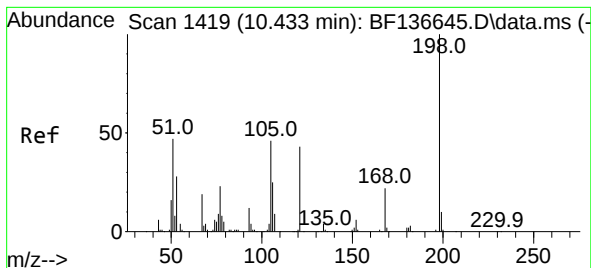
Tgt Ion: 77	Resp: 429749
Ion Ratio	Lower Upper
77 100	
182 24.2	6.0 46.0
105 22.6	2.3 42.3
51 29.3	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:188	Resp: 316111
Ion Ratio	Lower Upper
188 100	
94 8.5	7.5 11.3
80 8.9	8.1 12.1

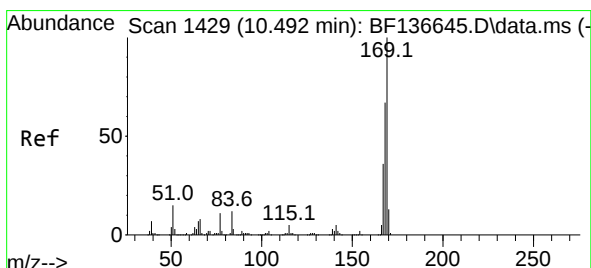
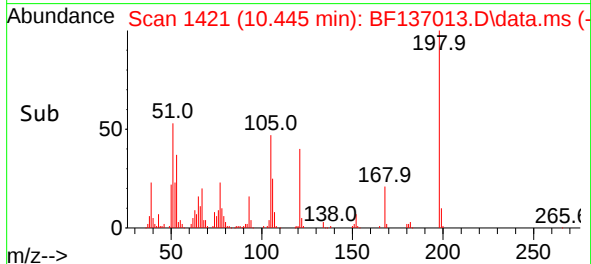
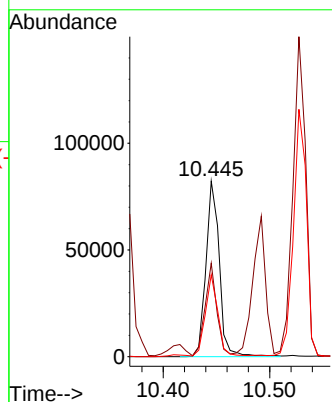
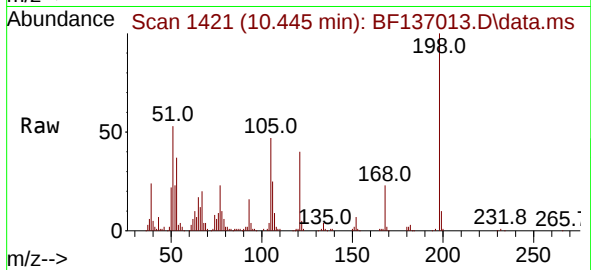




#65
4,6-Dinitro-2-methylphenol
Concen: 39.803 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

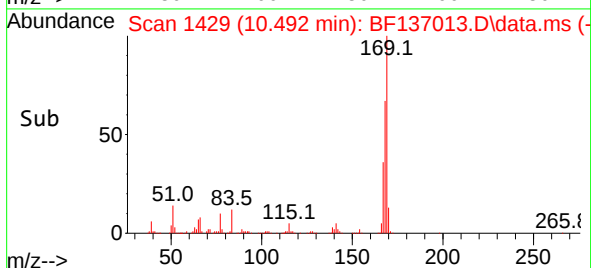
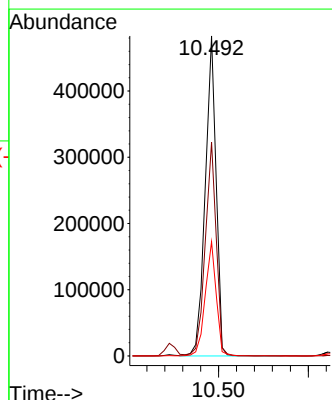
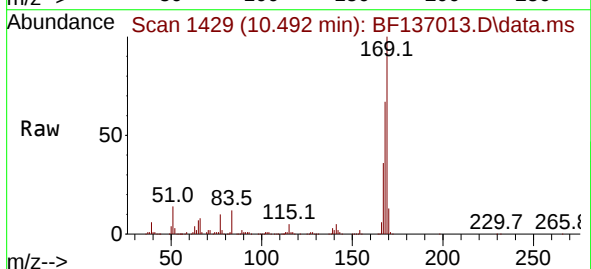
Instrument :
BNA_F
ClientSampleId :
PB158316BS

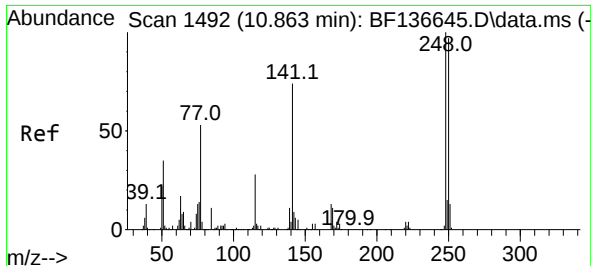
Tgt Ion:198 Resp: 72109
Ion Ratio Lower Upper
198 100
51 53.2 34.1 74.1
105 46.6 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 39.647 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:169 Resp: 407127
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 35.7 28.7 43.1

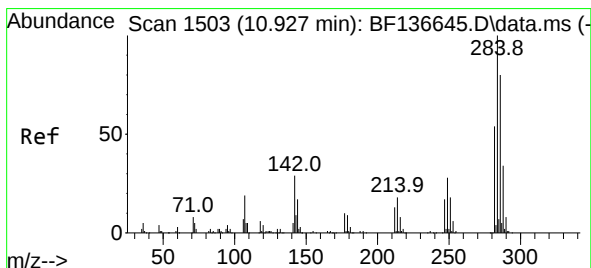
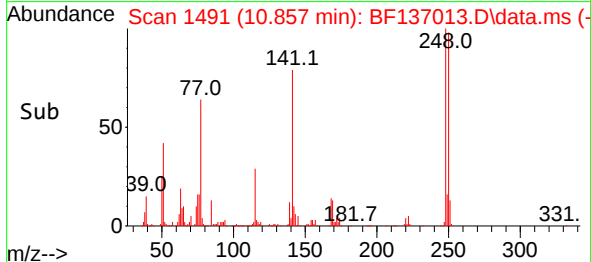
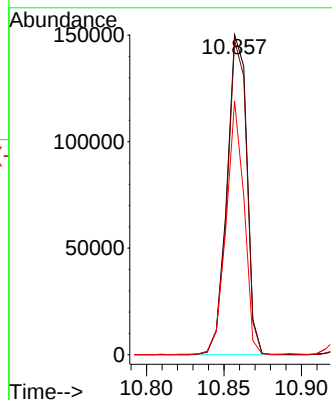
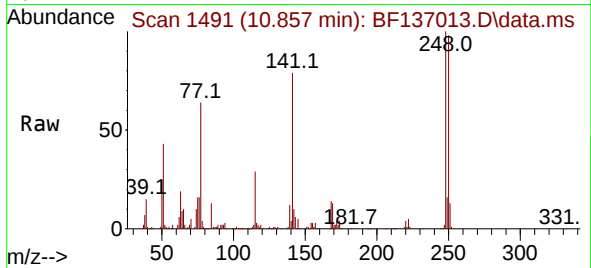




#67
4-Bromophenyl-phenylether
Concen: 38.263 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

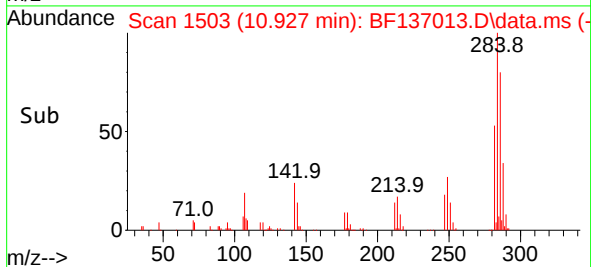
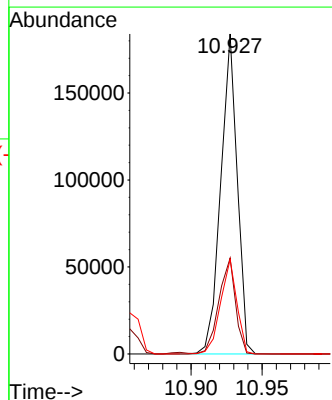
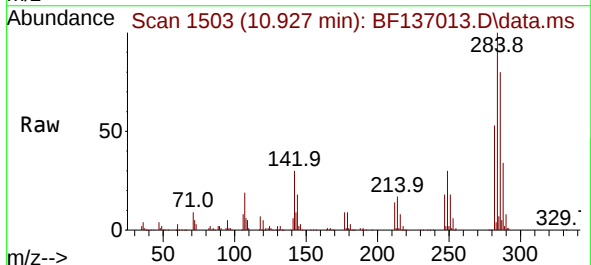
Instrument :
BNA_F
ClientSampleId :
PB158316BS

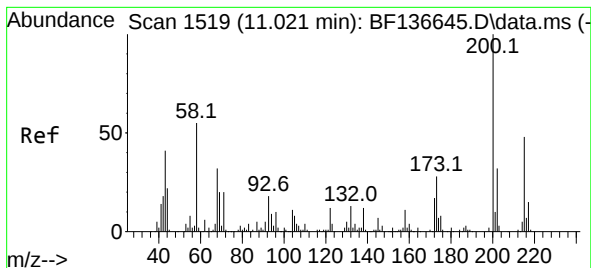
Tgt Ion:248 Resp: 134327
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 79.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 37.842 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:284 Resp: 148048
Ion Ratio Lower Upper
284 100
142 30.0 23.4 35.0
249 29.6 22.3 33.5





#69

Atrazine

Concen: 70.985 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

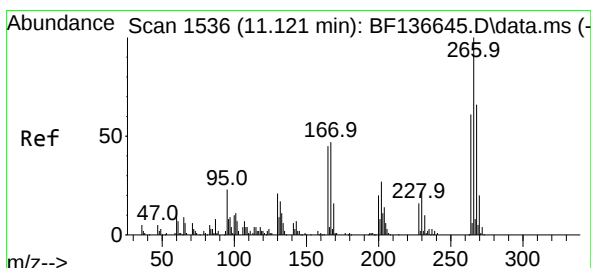
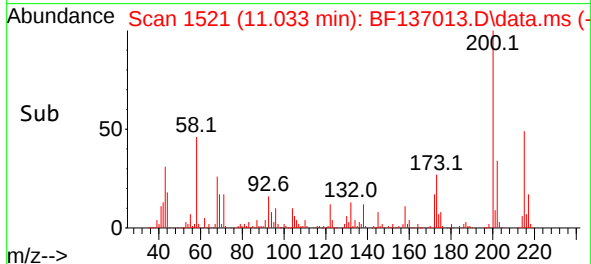
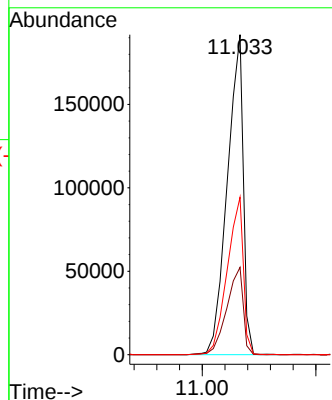
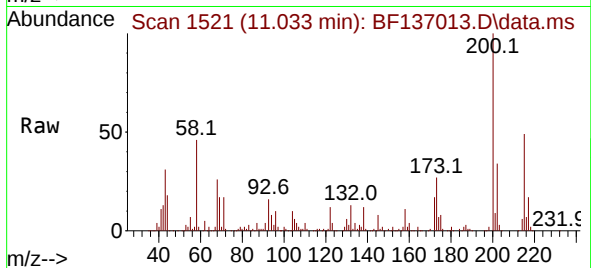
Tgt Ion:200 Resp: 186437

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

215 49.2 28.3 68.3



#70

Pentachlorophenol

Concen: 75.032 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

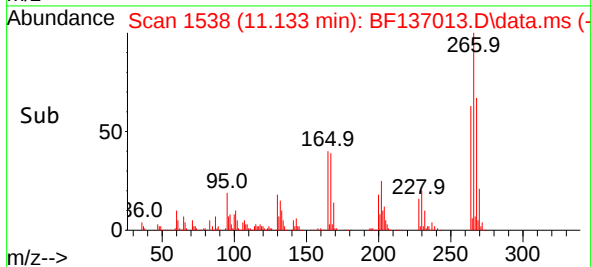
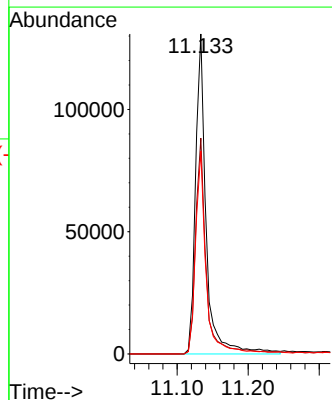
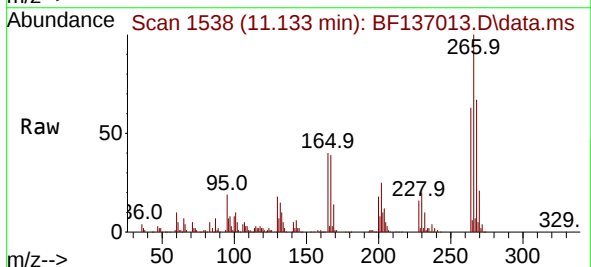
Tgt Ion:266 Resp: 136826

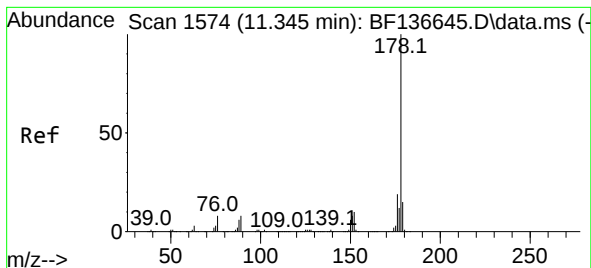
Ion Ratio Lower Upper

266 100

268 67.5 52.6 78.8

264 63.4 49.0 73.4





#71

Phenanthrene

Concen: 40.607 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

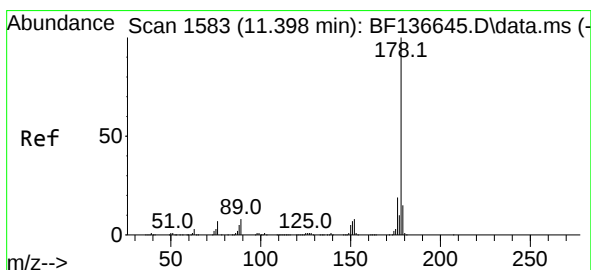
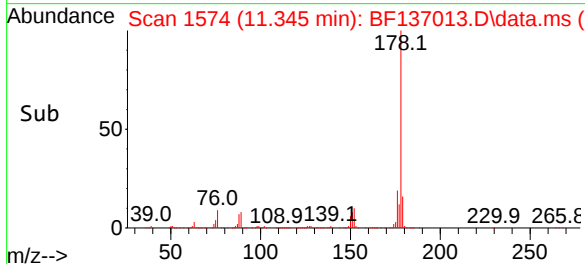
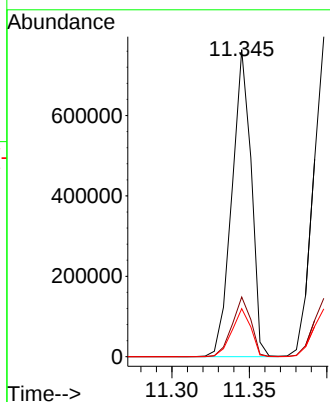
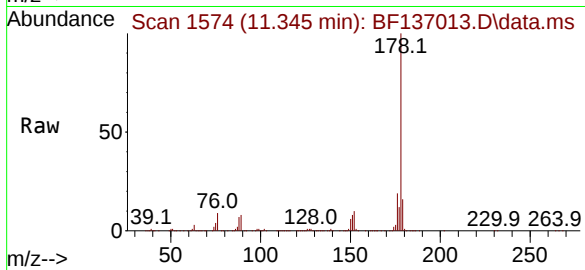
Tgt Ion:178 Resp: 658643

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.6 11.9 17.9



#72

Anthracene

Concen: 40.988 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

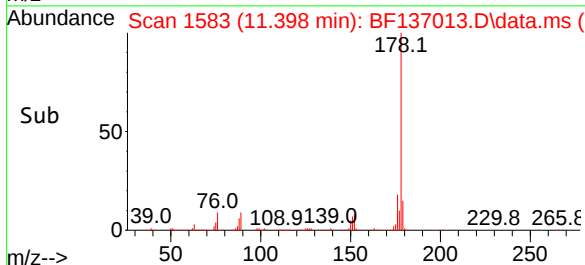
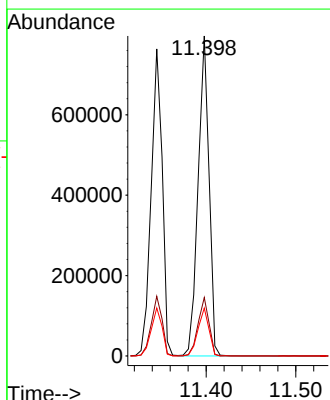
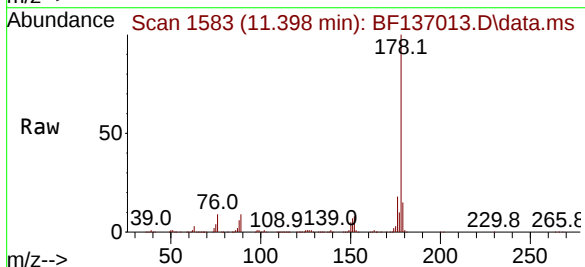
Tgt Ion:178 Resp: 673282

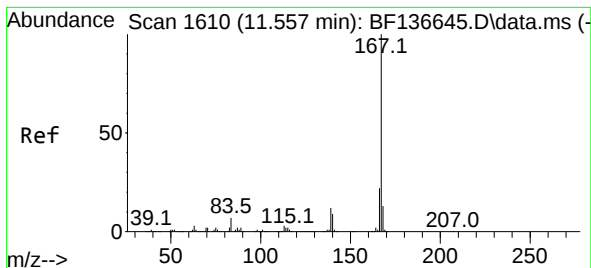
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.0 11.8 17.6





#73

Carbazole

Concen: 40.634 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

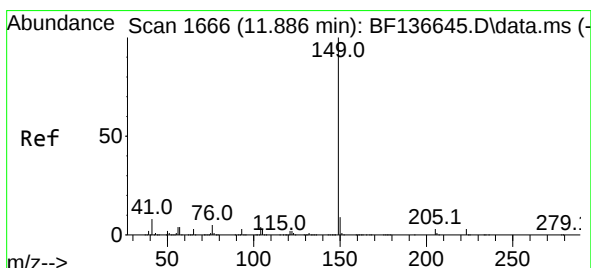
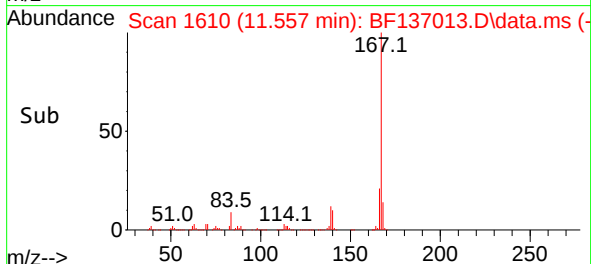
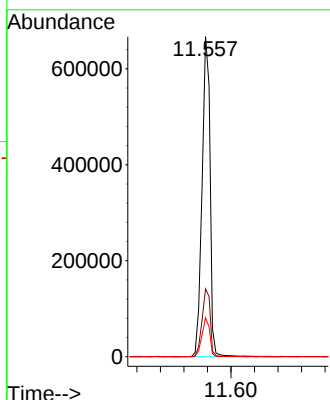
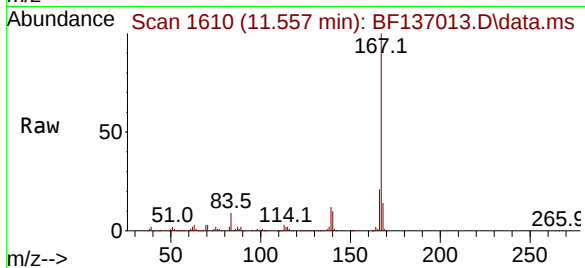
Tgt Ion:167 Resp: 629300

Ion Ratio Lower Upper

167 100

166 21.2 17.3 25.9

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.803 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

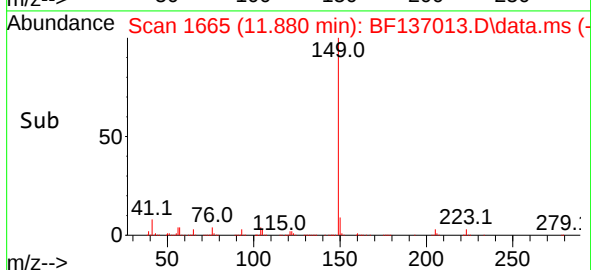
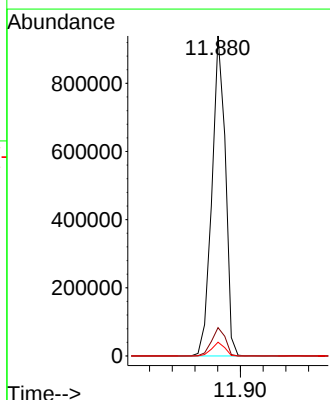
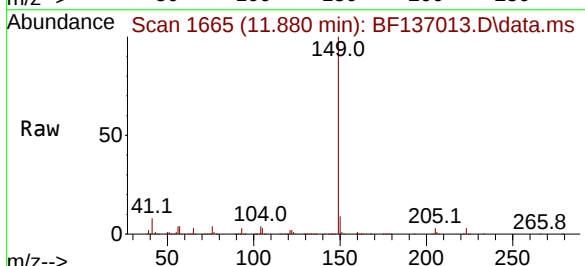
Tgt Ion:149 Resp: 771098

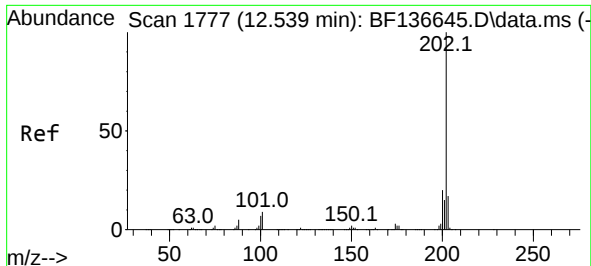
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 4.3 3.6 5.4

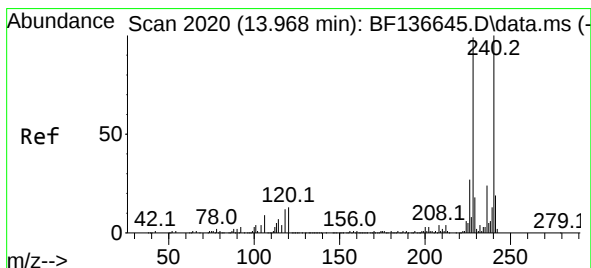
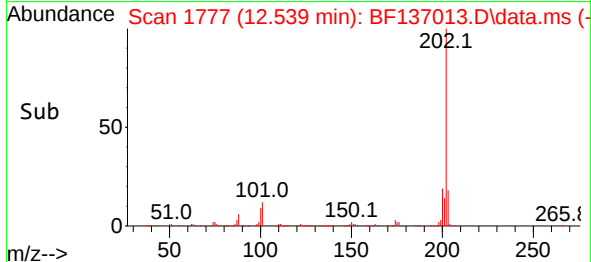
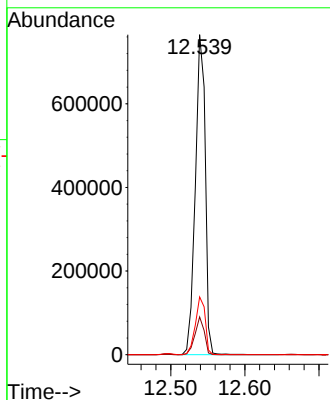
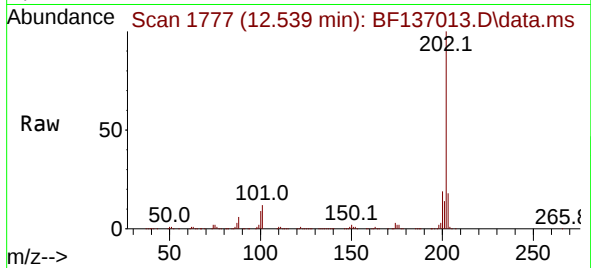




#75
Fluoranthene
Concen: 40.917 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

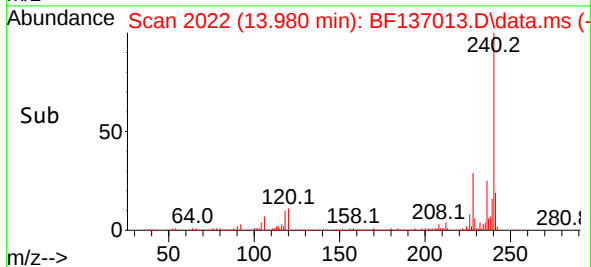
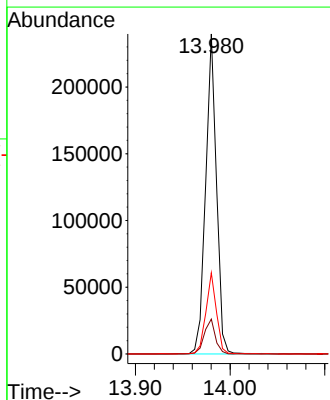
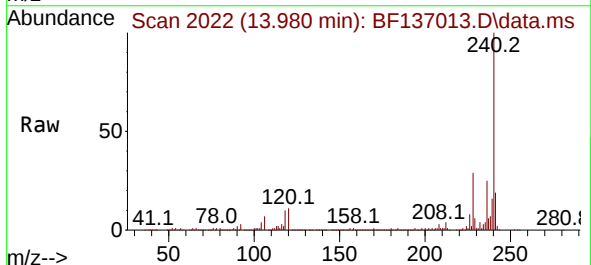
Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion:202 Resp: 709902
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.3
203 18.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:240 Resp: 189805
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 25.3 19.4 29.2





#77

Benzidine

Concen: 23.326 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

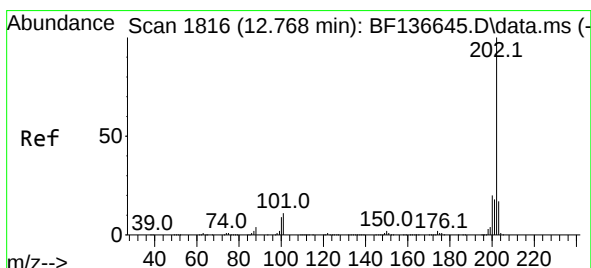
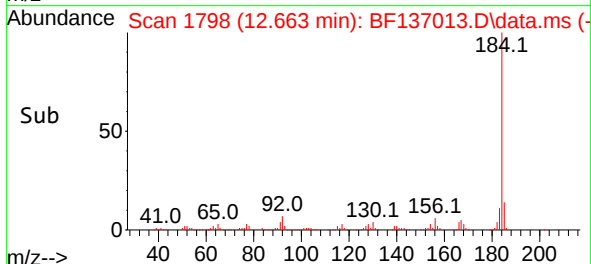
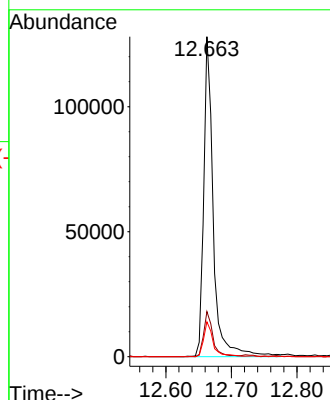
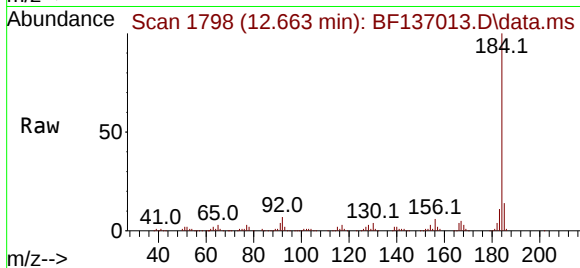
Tgt Ion:184 Resp: 130543

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 10.9 9.3 13.9



#78

Pyrene

Concen: 38.000 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

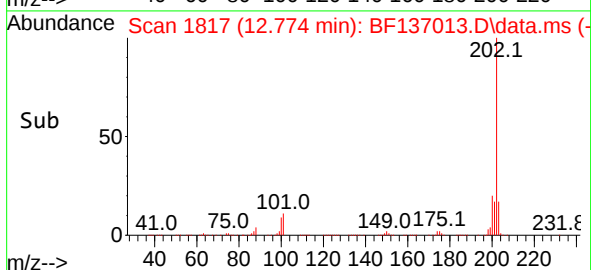
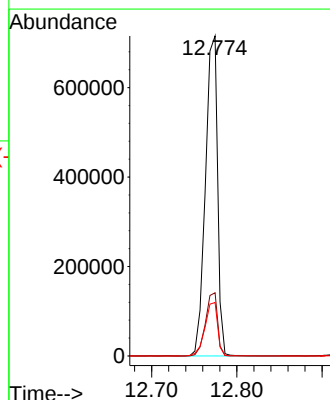
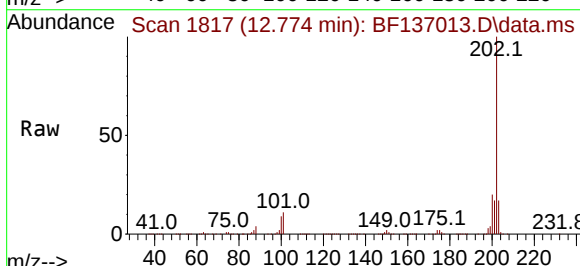
Tgt Ion:202 Resp: 708030

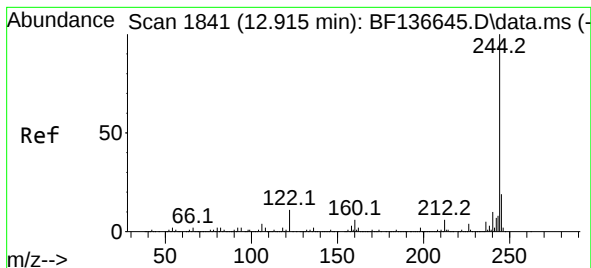
Ion Ratio Lower Upper

202 100

200 19.8 15.9 23.9

203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 75.688 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

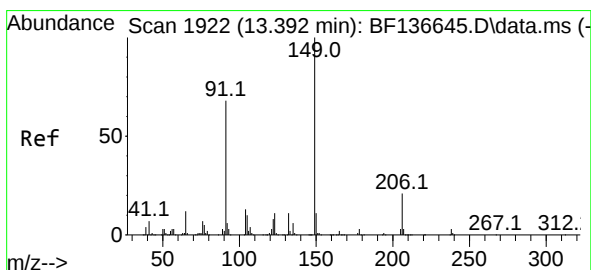
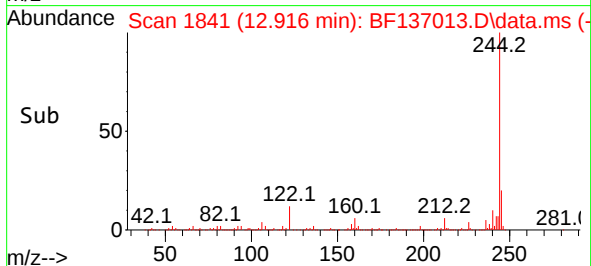
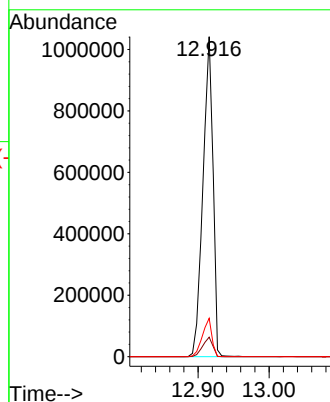
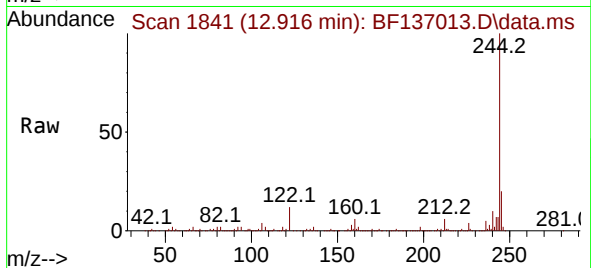
Tgt Ion:244 Resp: 1027993

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 12.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.987 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

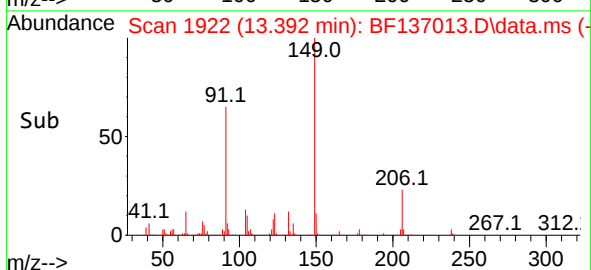
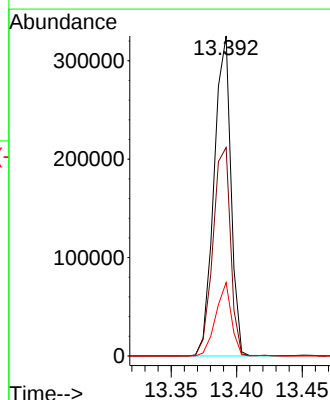
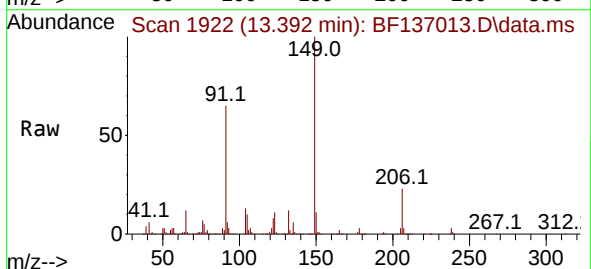
Tgt Ion:149 Resp: 291447

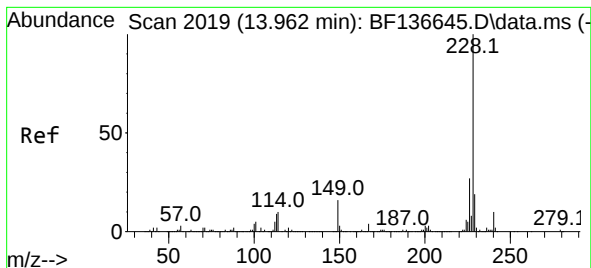
Ion Ratio Lower Upper

149 100

91 65.2 54.1 81.1

206 23.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.431 ng

RT: 13.968 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

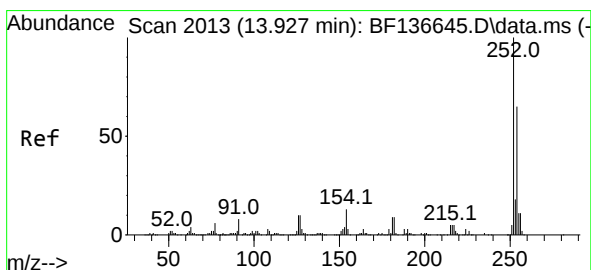
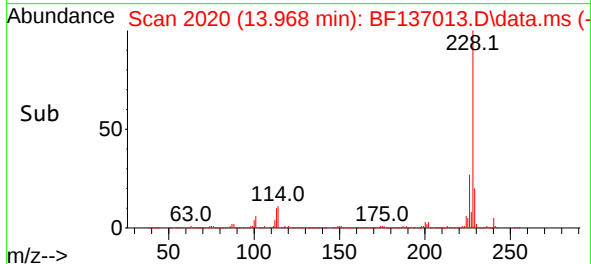
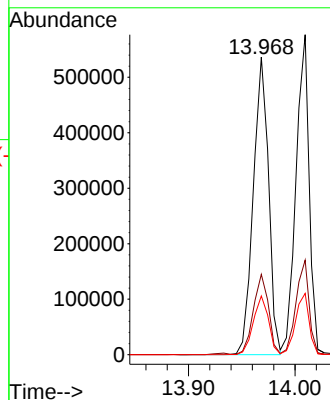
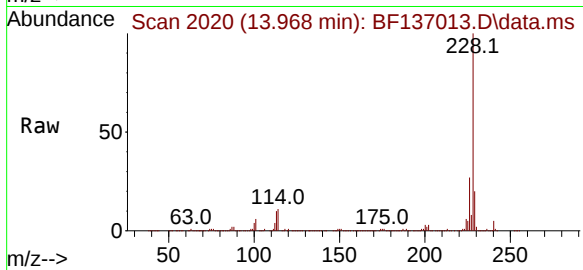
Tgt Ion:228 Resp: 532877

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

229 19.7 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 37.281 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

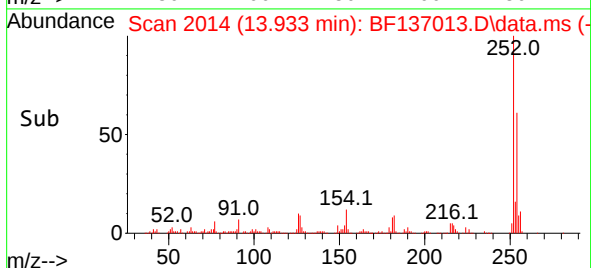
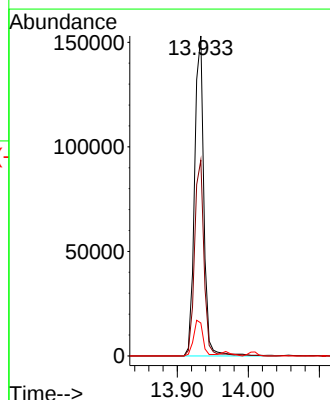
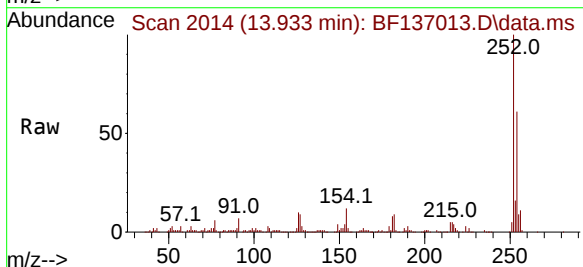
Tgt Ion:252 Resp: 139540

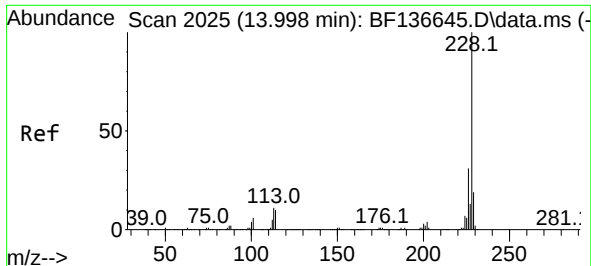
Ion Ratio Lower Upper

252 100

254 61.2 52.2 78.4

126 10.3 8.0 12.0

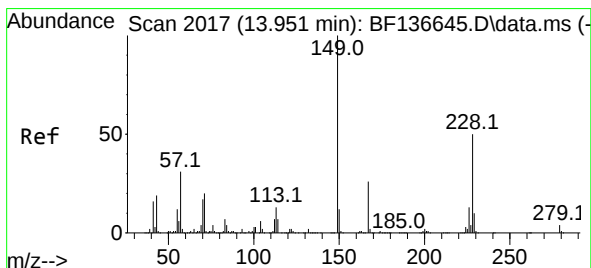
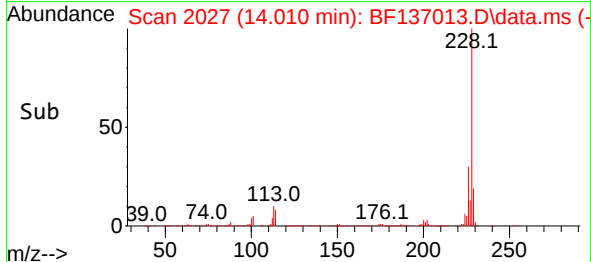
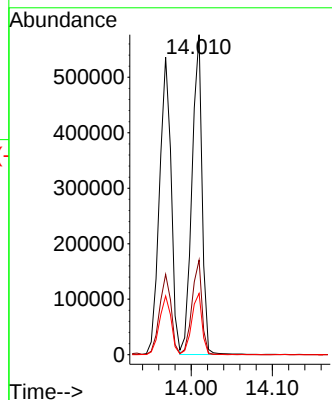
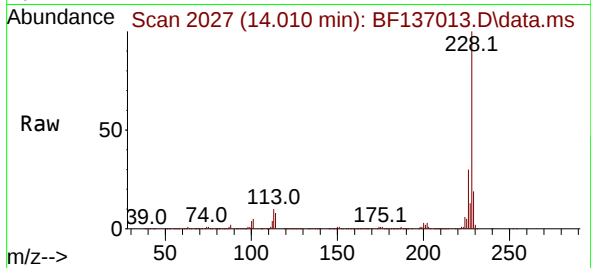




#83
Chrysene
Concen: 38.664 ng
RT: 14.010 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

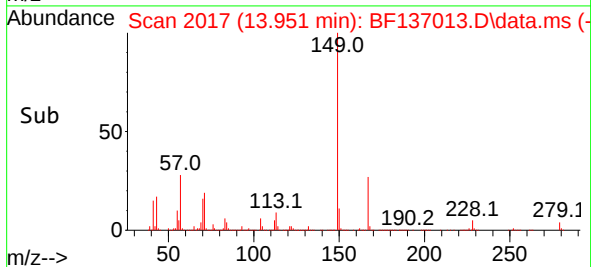
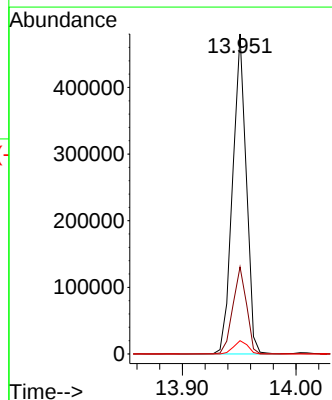
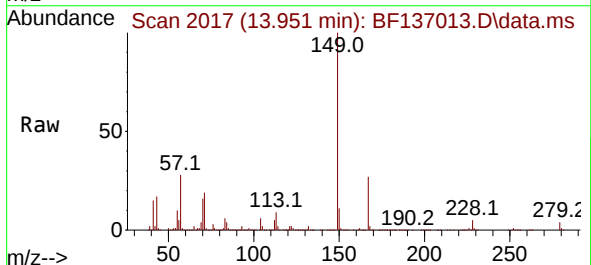
Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion:228 Resp: 498325
Ion Ratio Lower Upper
228 100
226 29.6 24.7 37.1
229 19.1 15.4 23.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.833 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:149 Resp: 399497
Ion Ratio Lower Upper
149 100
167 27.2 20.9 31.3
279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.298 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

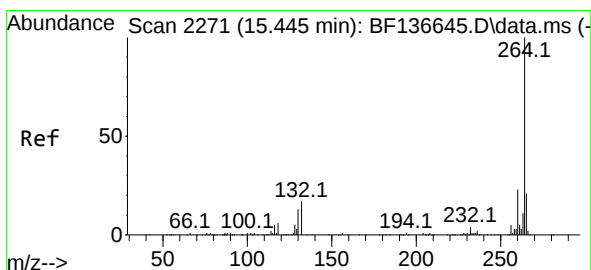
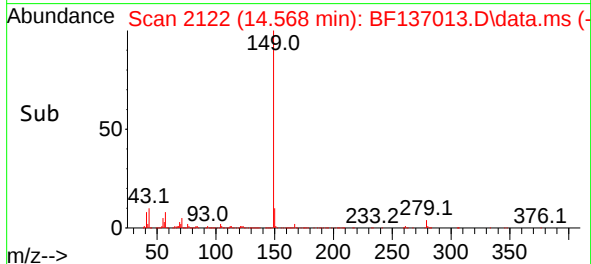
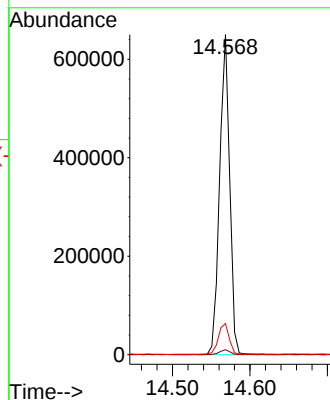
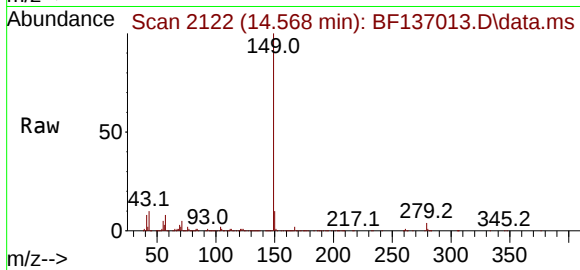
Tgt Ion:149 Resp: 584518

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

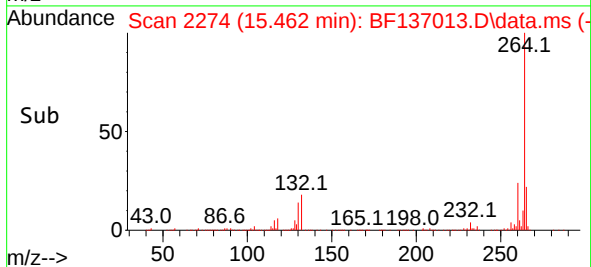
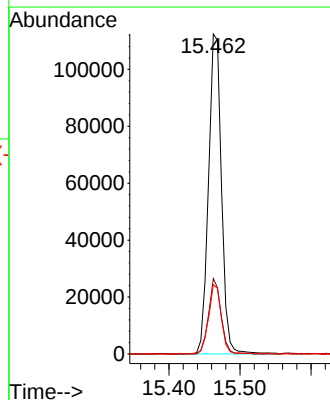
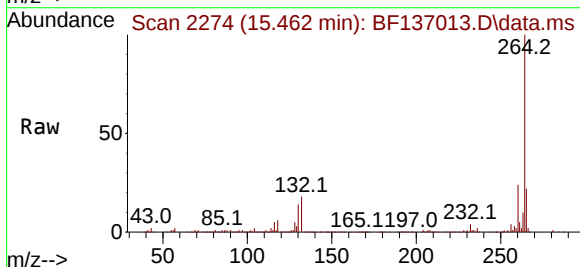
Tgt Ion:264 Resp: 143107

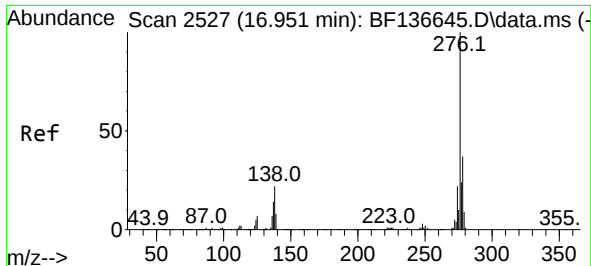
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.6 17.0 25.6

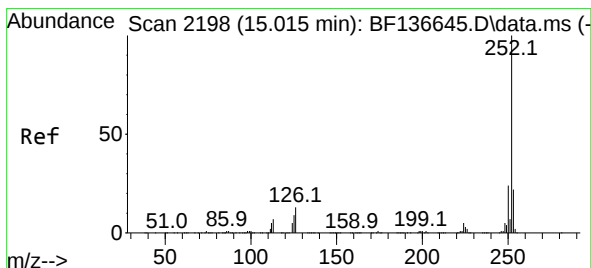
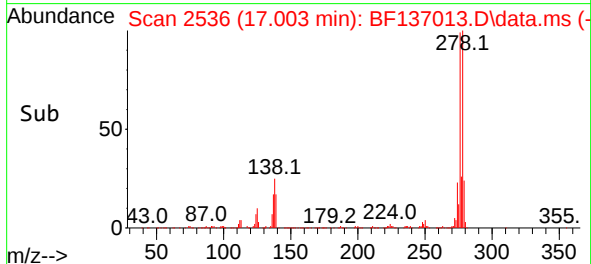
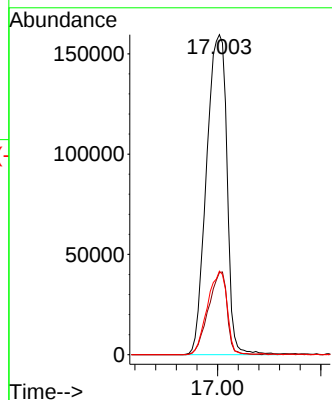
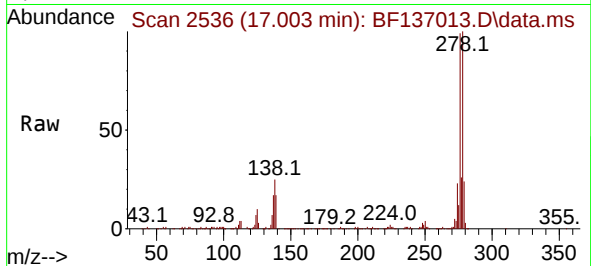




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.377 ng
 RT: 17.003 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

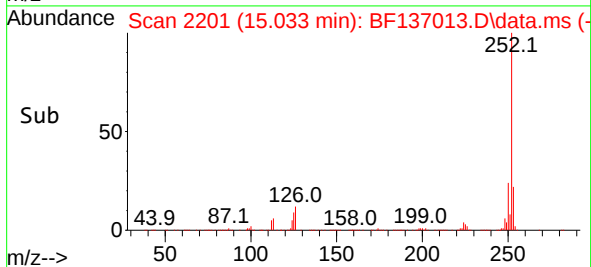
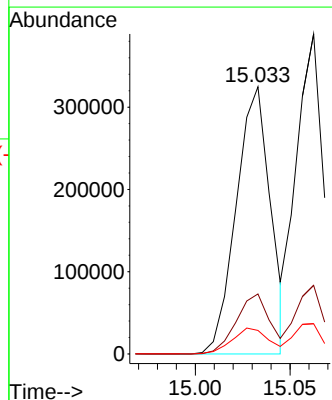
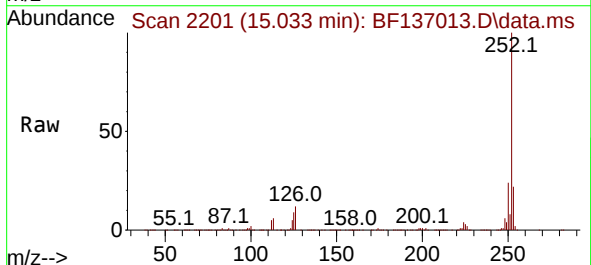
Instrument :
 BNA_F
 ClientSampleId :
 PB158316BS

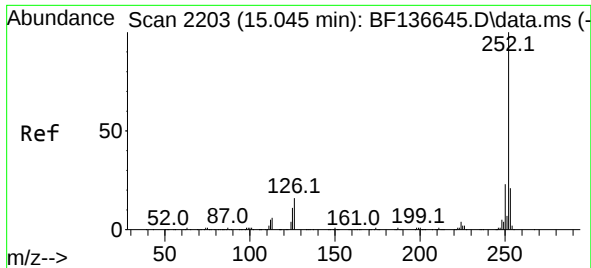
Tgt Ion:276 Resp: 437860
 Ion Ratio Lower Upper
 276 100
 138 23.7 18.7 28.1
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.727 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. 0.018 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

Tgt Ion:252 Resp: 408394
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 8.8 7.4 11.2

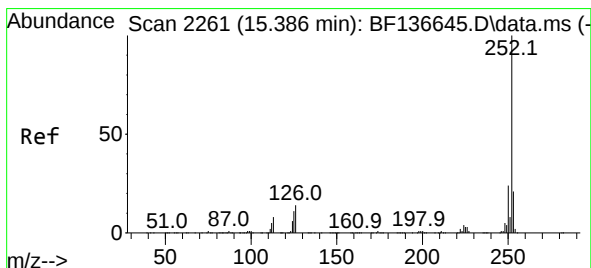
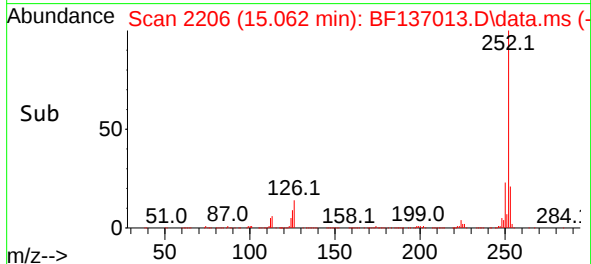
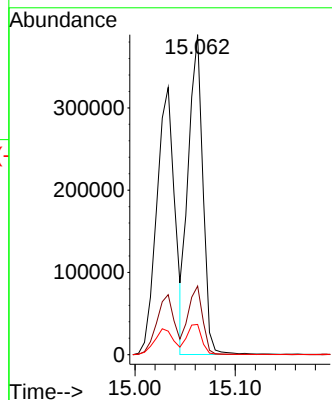
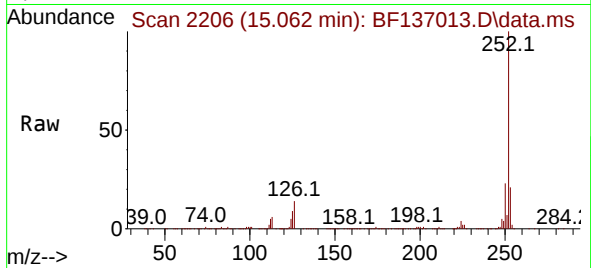




#89
Benzo(k)fluoranthene
Concen: 43.129 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

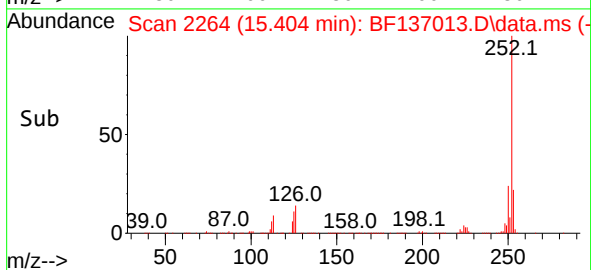
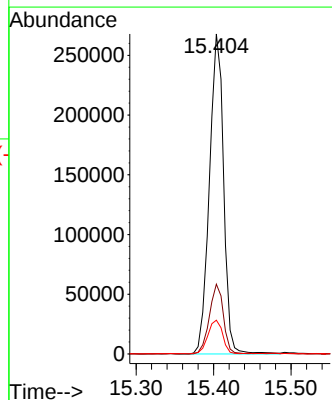
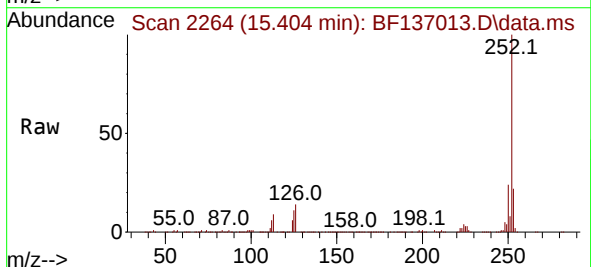
Instrument :
BNA_F
ClientSampleId :
PB158316BS

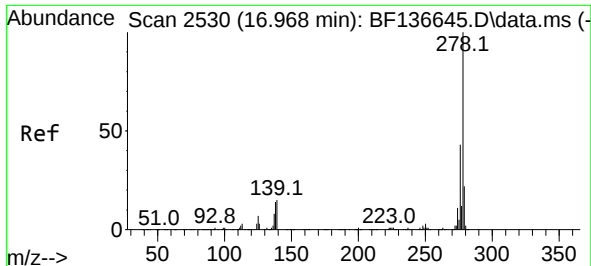
Tgt Ion:252 Resp: 389528
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 42.273 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:252 Resp: 341064
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.6 8.8 13.2

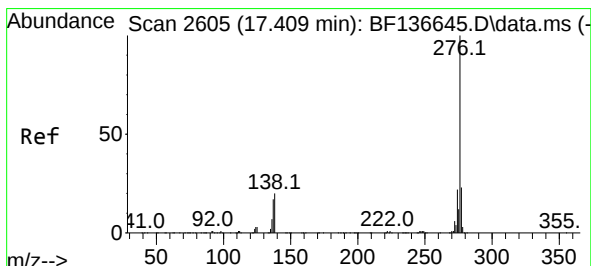
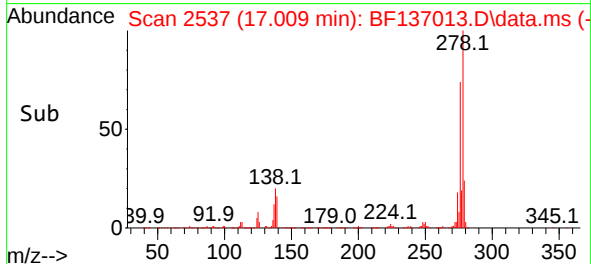
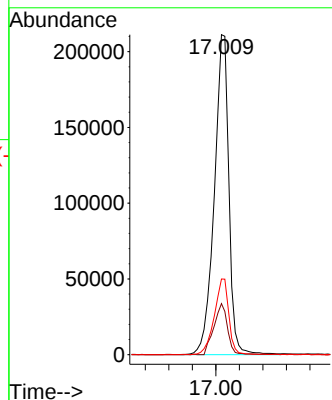
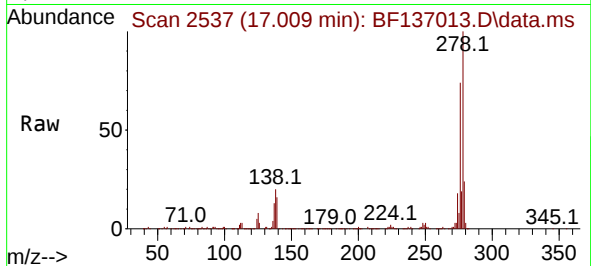




#91
 Dibenzo(a,h)anthracene
 Concen: 42.882 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB158316BS

Tgt Ion:278 Resp: 363506
 Ion Ratio Lower Upper
 278 100
 139 16.0 12.2 18.4
 279 23.6 17.8 26.6



#92
 Benzo(g,h,i)perylene
 Concen: 41.854 ng
 RT: 17.456 min Scan# 2613
 Delta R.T. 0.047 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

Tgt Ion:276 Resp: 363379
 Ion Ratio Lower Upper
 276 100
 277 22.4 18.3 27.5
 138 20.2 15.6 23.4

