

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137417.D
 Acq On : 27 Feb 2024 21:11
 Operator : CG\JU
 Sample : P1539-08MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Quant Time: Feb 28 05:25:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	215450	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	828795	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	451625	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	674824	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	379493	20.000	ng	-0.01
86) Perylene-d12	15.451	264	442861	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	929407	66.563	ng	0.00
7) Phenol-d6	6.422	99	860319	41.886	ng	-0.02
23) Nitrobenzene-d5	7.351	82	1452204	87.477	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	500872	127.359	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	2390910	82.420	ng	-0.01
79) Terphenyl-d14	12.910	244	2226974	82.079	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	152561	19.945	ng	99
3) Pyridine	3.328	79	328007	18.067	ng	99
4) n-Nitrosodimethylamine	3.281	42	152827	23.669	ng	# 100
6) Aniline	6.451	93	646143	26.527	ng	99
8) 2-Chlorophenol	6.569	128	565283	37.746	ng	100
9) Benzaldehyde	6.340	77	108715	10.994	ng	98
10) Phenol	6.434	94	378363	16.832	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	688117	42.127	ng	97
12) 1,3-Dichlorobenzene	6.722	146	579675	36.044	ng	99
13) 1,4-Dichlorobenzene	6.804	146	604927	36.534	ng	97
14) 1,2-Dichlorobenzene	6.951	146	582830	38.054	ng	98
15) Benzyl Alcohol	6.928	79	475034	38.799	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1101852	40.584	ng	98
17) 2-Methylphenol	7.045	107	418049	29.503	ng	97
18) Hexachloroethane	7.292	117	189550	33.221	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	526476	41.596	ng	98
20) 3+4-Methylphenols	7.198	107	454247	28.126	ng	91
22) Acetophenone	7.192	105	933893	46.468	ng	# 93
24) Nitrobenzene	7.369	77	758805	44.984	ng	96
25) Isophorone	7.604	82	1536453	44.755	ng	99
26) 2-Nitrophenol	7.681	139	329214	50.889	ng	95
27) 2,4-Dimethylphenol	7.722	122	482291	38.199	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	888239	44.888	ng	99
29) 2,4-Dichlorophenol	7.928	162	541777	45.783	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	520779	41.001	ng	99
31) Naphthalene	8.086	128	1790960	40.267	ng	99
32) Benzoic acid	7.845	122	141134	22.573	ng	99
33) 4-Chloroaniline	8.139	127	403780	23.869	ng	95
34) Hexachlorobutadiene	8.204	225	282796	37.478	ng	98
35) Caprolactam	8.528	113	40899	11.176	ng	97
36) 4-Chloro-3-methylphenol	8.622	107	575632	42.907	ng	98
37) 2-Methylnaphthalene	8.775	142	1148788	40.083	ng	99
38) 1-Methylnaphthalene	8.875	142	1098747	40.549	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	572495	46.024	ng	98
41) Hexachlorocyclopentadiene	8.928	237	13006	2.306	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	403988	50.090	ng	99

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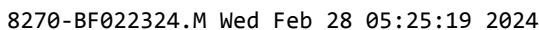
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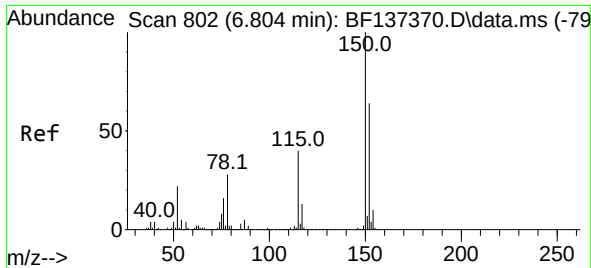
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	421736	45.579	ng	99
46) 1,1'-Biphenyl	9.245	154	1489187	45.273	ng	99
47) 2-Chloronaphthalene	9.269	162	1156935	46.574	ng	99
48) 2-Nitroaniline	9.369	65	432199	56.465	ng	99
49) Acenaphthylene	9.686	152	1871634	46.374	ng	100
50) Dimethylphthalate	9.551	163	1498524	48.019	ng	100
51) 2,6-Dinitrotoluene	9.616	165	320529	55.210	ng	98
52) Acenaphthene	9.857	154	1051758	43.656	ng	99
53) 3-Nitroaniline	9.780	138	211776	32.714	ng	99
54) 2,4-Dinitrophenol	9.886	184	162937	59.058	ng	98
55) Dibenzofuran	10.028	168	1648799	44.280	ng	99
56) 4-Nitrophenol	9.951	139	159327	35.278	ng	99
57) 2,4-Dinitrotoluene	10.016	165	400363	54.400	ng	98
58) Fluorene	10.375	166	1213294	42.667	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	335099	43.734	ng	100
60) Diethylphthalate	10.251	149	1442279	49.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	610221	43.624	ng	97
62) 4-Nitroaniline	10.404	138	263897	43.378	ng	97
63) Azobenzene	10.527	77	1552094	44.524	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	137986	42.397	ng	97
66) n-Nitrosodiphenylamine	10.492	169	1133893	51.737	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	390288	53.799	ng	97
68) Hexachlorobenzene	10.922	284	400211	53.328	ng	99
69) Atrazine	11.027	200	334522	56.559	ng	98
70) Pentachlorophenol	11.122	266	392220	82.490	ng	98
71) Phenanthrene	11.339	178	1750325	47.013	ng	100
72) Anthracene	11.392	178	1786450	46.560	ng	99
73) Carbazole	11.551	167	1457535	44.461	ng	99
74) Di-n-butylphthalate	11.886	149	2122036	64.693	ng	100
75) Fluoranthene	12.545	202	1498508	41.233	ng	99
77) Benzidine	12.663	184	272667	42.935	ng	97
78) Pyrene	12.763	202	1534886	42.774	ng	100
80) Butylbenzylphthalate	13.392	149	519814	79.190	ng	96
81) Benzo(a)anthracene	13.957	228	1317706	50.039	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	383491	60.935	ng	99
83) Chrysene	13.998	228	1325836	49.286	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	788776	90.930	ng	# 98
85) Di-n-octyl phthalate	14.580	149	1510769	87.503	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.951	276	1094404	36.169	ng	99
88) Benzo(b)fluoranthene	15.015	252	1422653	52.366	ng	99
89) Benzo(k)fluoranthene	15.051	252	1331114	46.748	ng	97
90) Benzo(a)pyrene	15.392	252	1261389	48.950	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	909819	36.588	ng	98
92) Benzo(g,h,i)perylene	17.409	276	778683	30.755	ng	98

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

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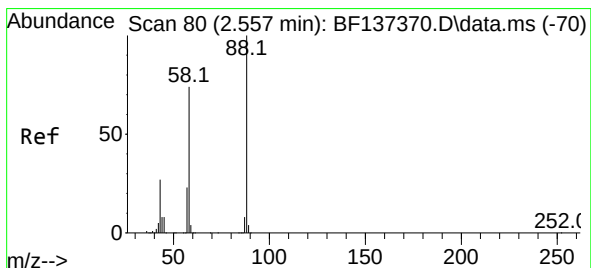
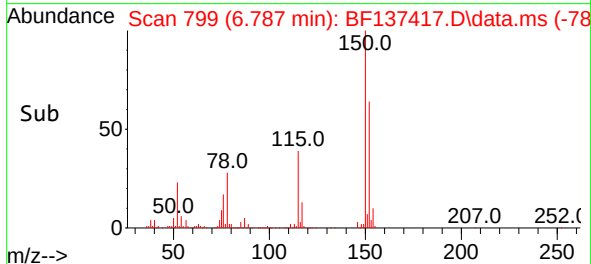
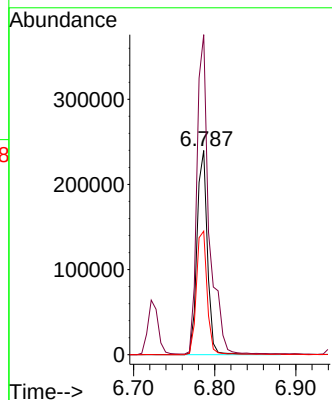
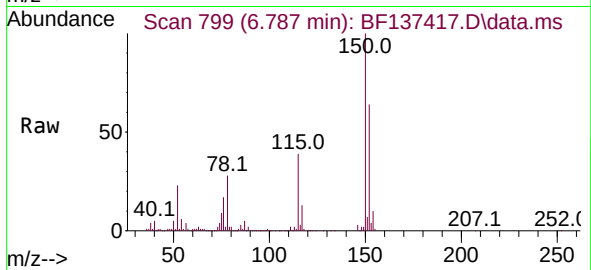




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF137417.D
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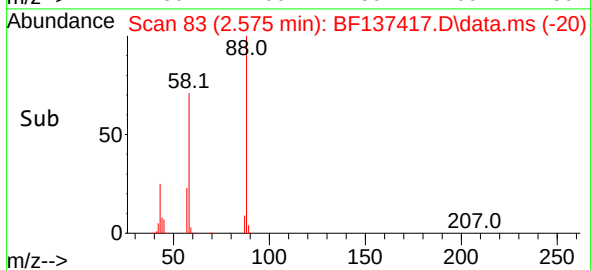
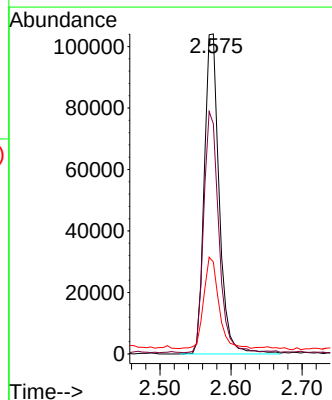
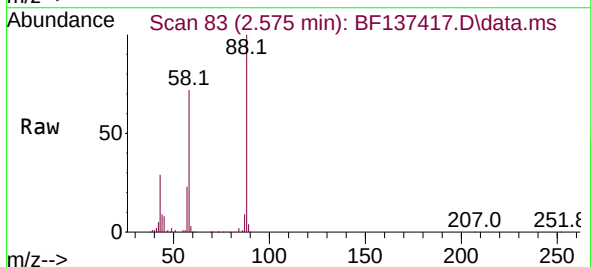
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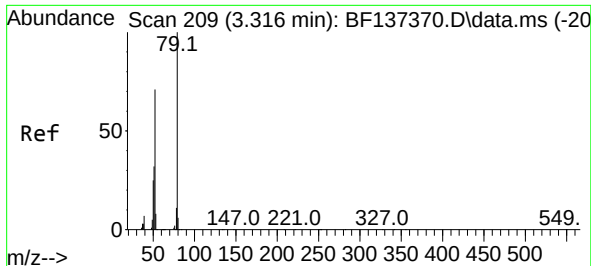
Tgt Ion:152 Resp: 215450
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.7 188.5
 115 60.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 19.945 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.018 min
 Lab File: BF137417.D
 Acq: 27 Feb 2024 21:11

Tgt Ion: 88 Resp: 152561
 Ion Ratio Lower Upper
 88 100
 58 75.9 60.6 91.0
 43 29.2 22.0 33.0

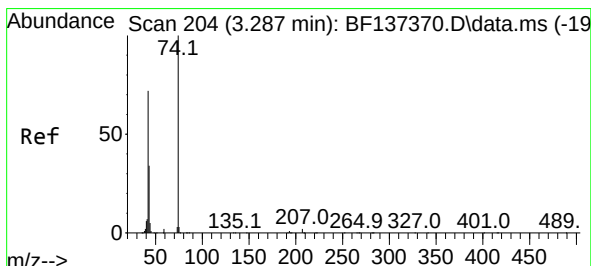
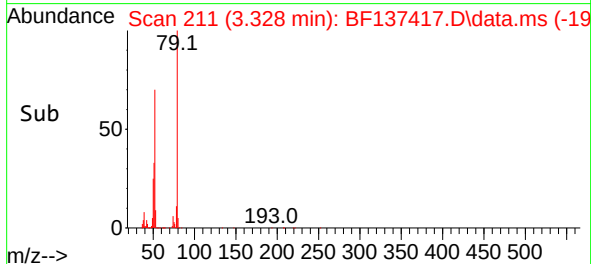
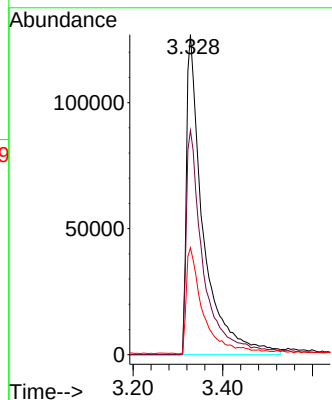
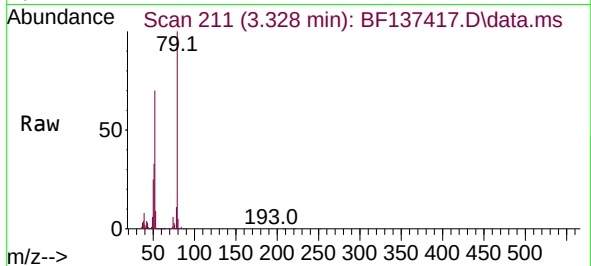




#3
 Pyridine
 Concen: 18.067 ng
 RT: 3.328 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF137417.D
 Acq: 27 Feb 2024 21:11

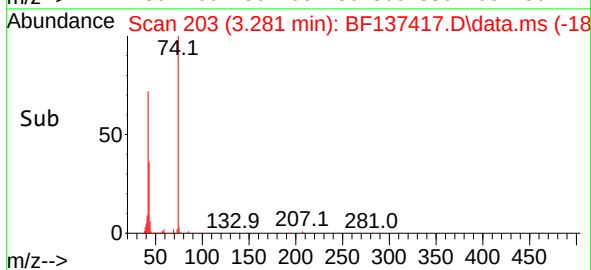
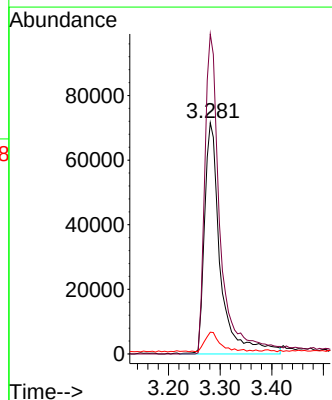
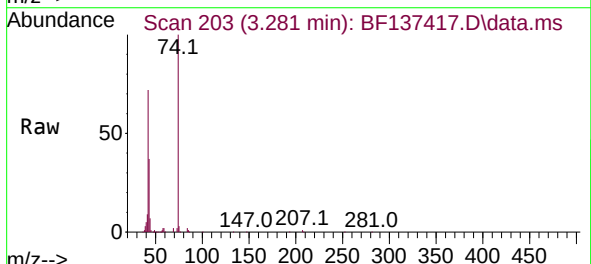
Instrument :
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 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

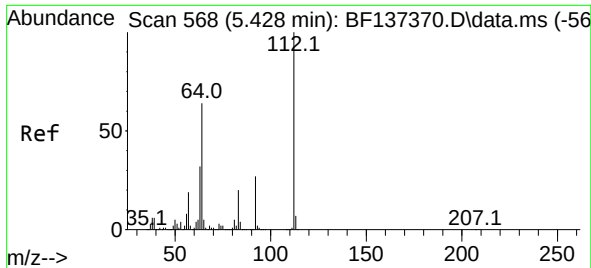
Tgt Ion: 79 Resp: 328007
 Ion Ratio Lower Upper
 79 100
 52 70.1 56.5 84.7
 51 33.4 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 23.669 ng
 RT: 3.281 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: BF137417.D
 Acq: 27 Feb 2024 21:11

Tgt Ion: 42 Resp: 152827
 Ion Ratio Lower Upper
 42 100
 74 138.4 110.8 166.2
 44 9.4 6.0 9.0#

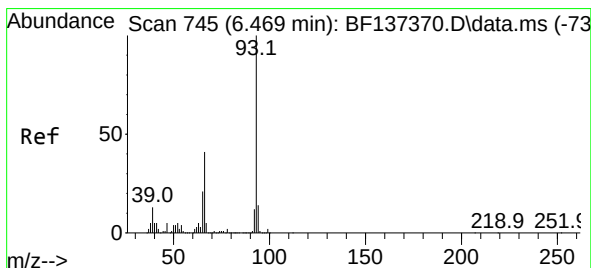
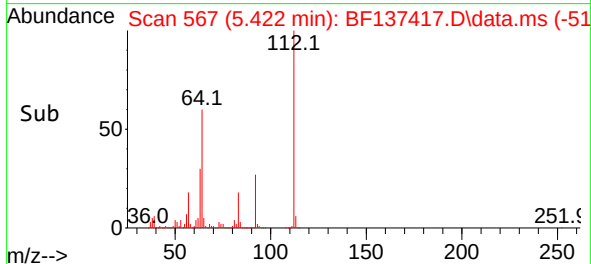
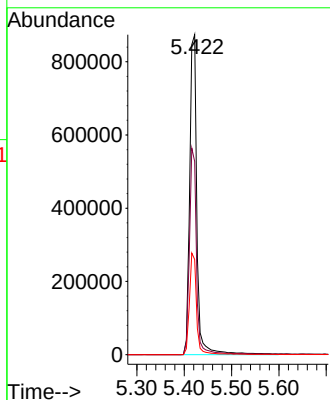
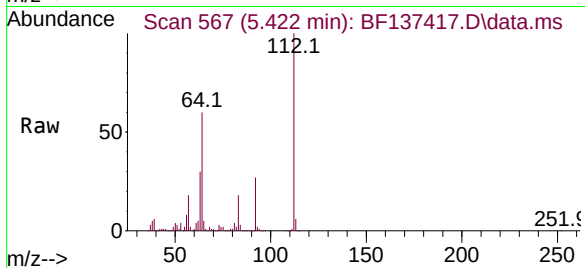




#5
2-Fluorophenol
Concen: 66.563 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

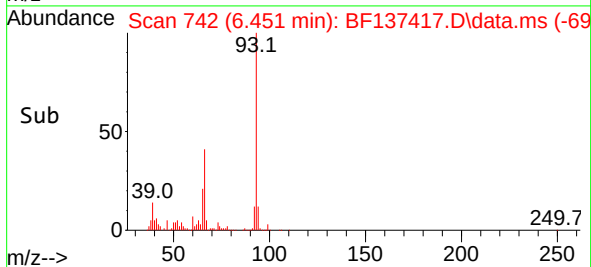
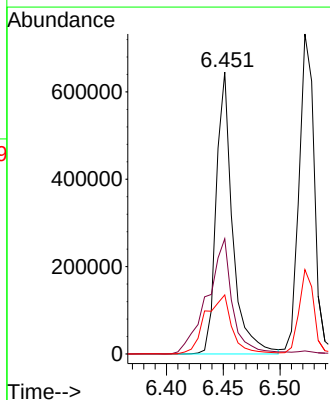
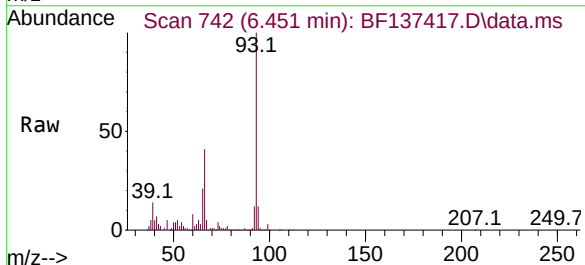
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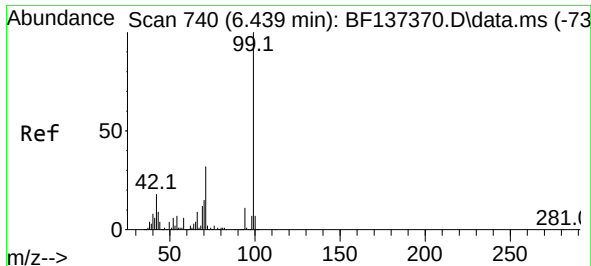
Tgt Ion:112 Resp: 929407
Ion Ratio Lower Upper
112 100
64 60.3 51.0 76.6
63 29.8 25.7 38.5



#6
Aniline
Concen: 26.527 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion: 93 Resp: 646143
Ion Ratio Lower Upper
93 100
66 40.9 33.0 49.4
65 21.0 17.0 25.6

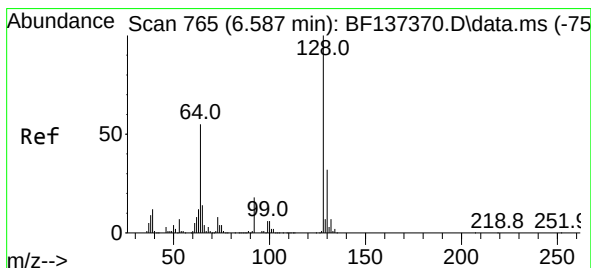
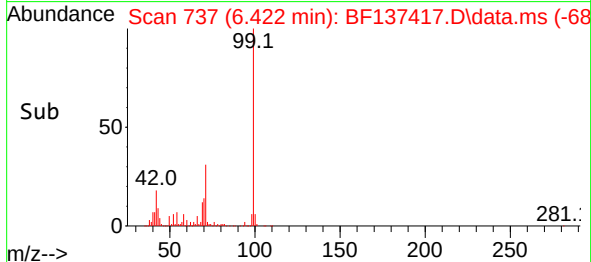
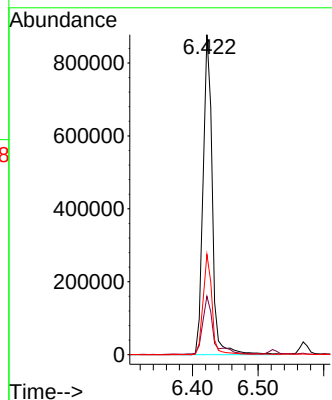
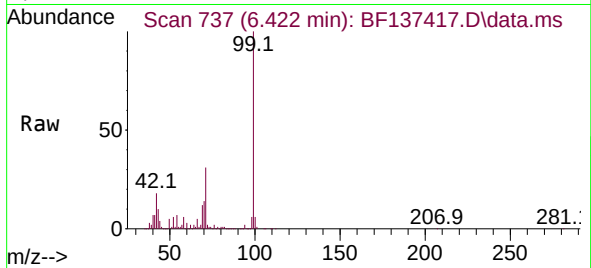




#7
Phenol-d6
Concen: 41.886 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

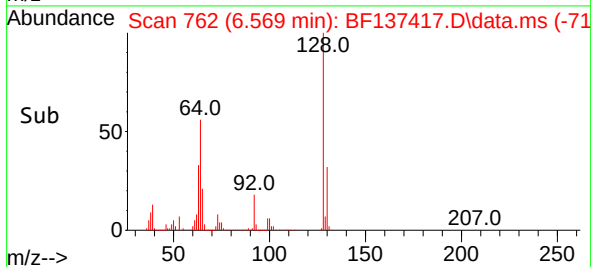
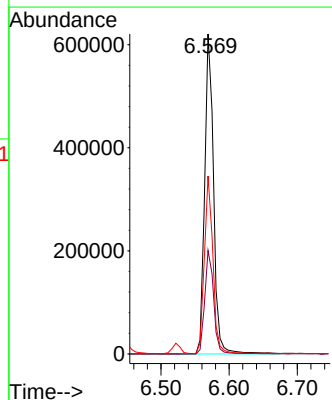
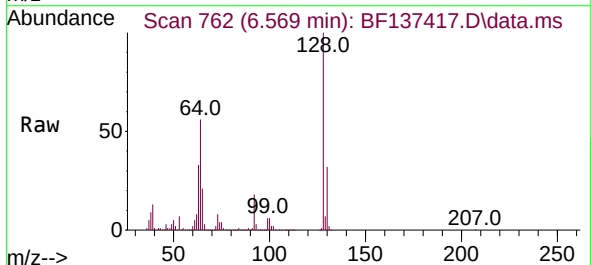
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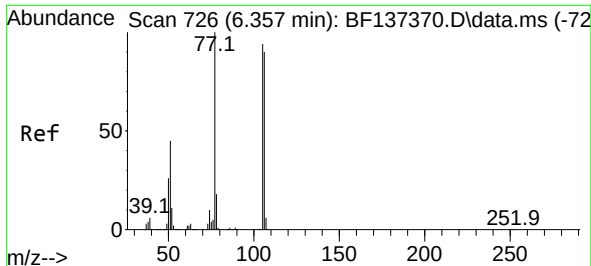
Tgt Ion: 99 Resp: 860319
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 31.3 25.2 37.8



#8
2-Chlorophenol
Concen: 37.746 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion: 128 Resp: 565283
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 55.6 35.3 75.3





#9

Benzaldehyde

Concen: 10.994 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

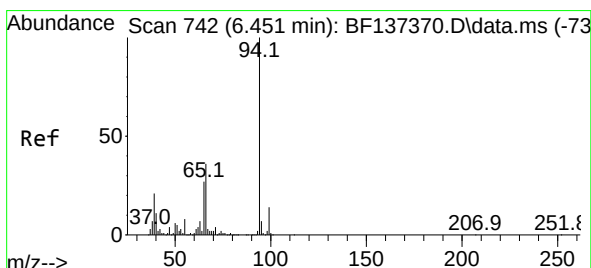
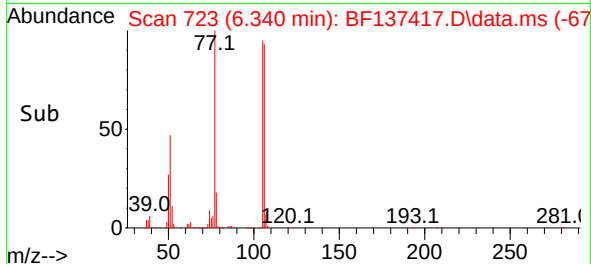
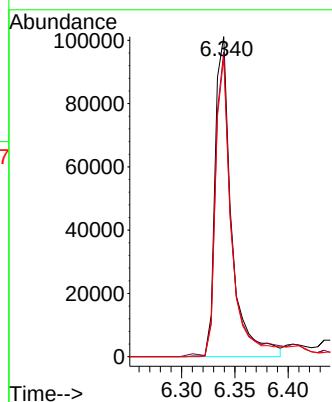
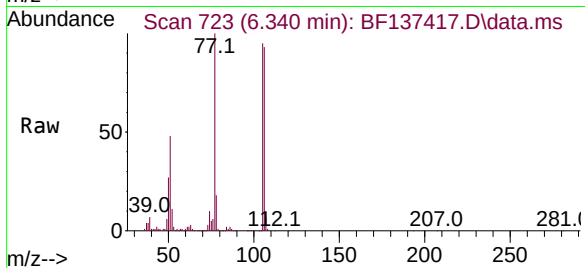
Tgt Ion: 77 Resp: 108715

Ion Ratio Lower Upper

77 100

105 95.3 74.1 114.1

106 93.5 70.2 110.2



#10

Phenol

Concen: 16.832 ng

RT: 6.434 min Scan# 739

Delta R.T. -0.018 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

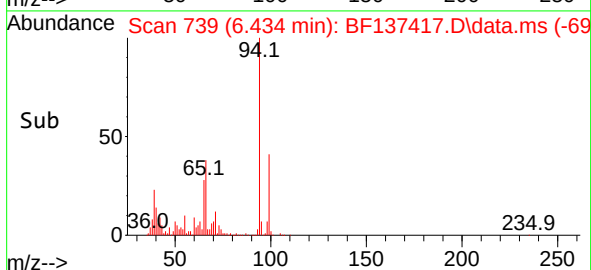
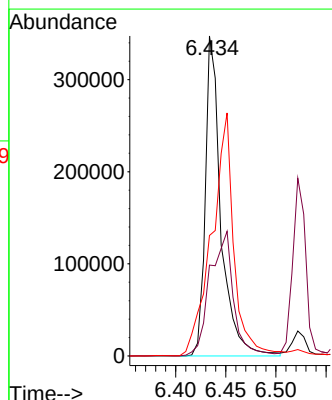
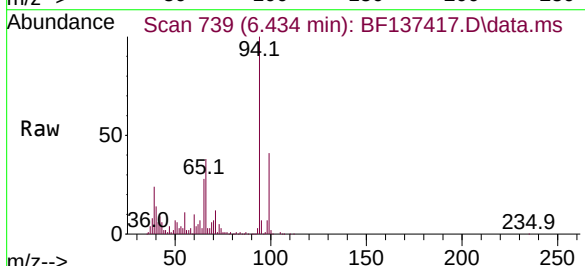
Tgt Ion: 94 Resp: 378363

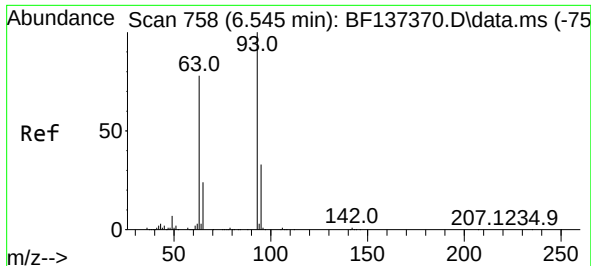
Ion Ratio Lower Upper

94 100

65 28.4 7.4 47.4

66 37.7 15.6 55.6

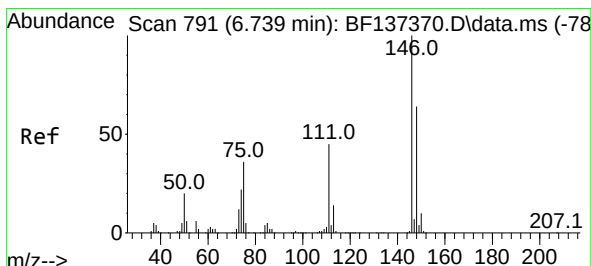
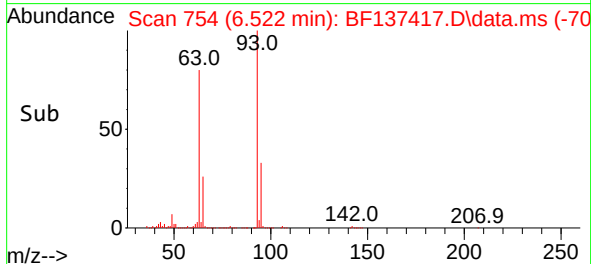
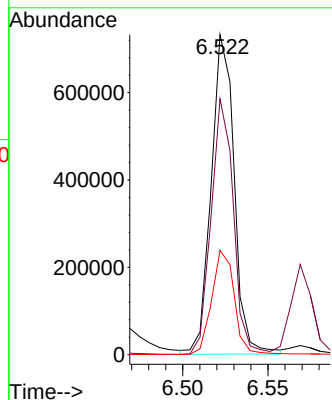
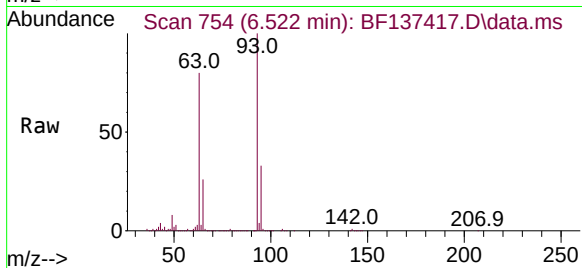




#11
bis(2-Chloroethyl)ether
Concen: 42.127 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.024 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

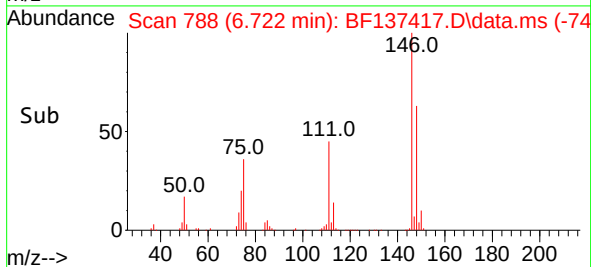
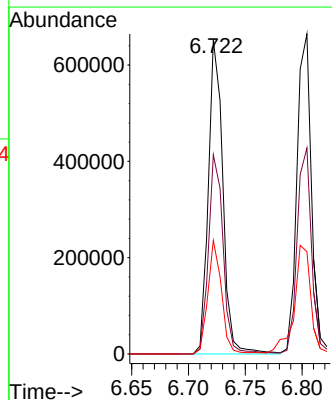
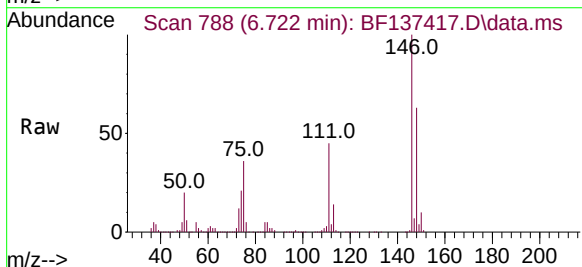
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

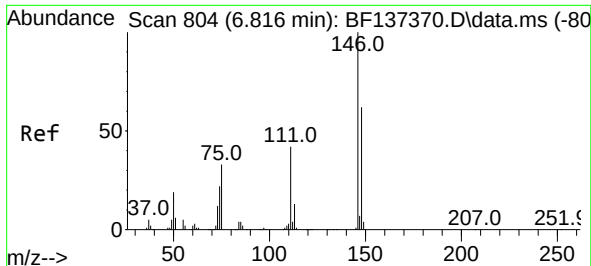
Tgt Ion: 93 Resp: 688117
Ion Ratio Lower Upper
93 100
63 79.9 56.1 96.1
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 36.044 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion: 146 Resp: 579675
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 36.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 36.534 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF137417.D

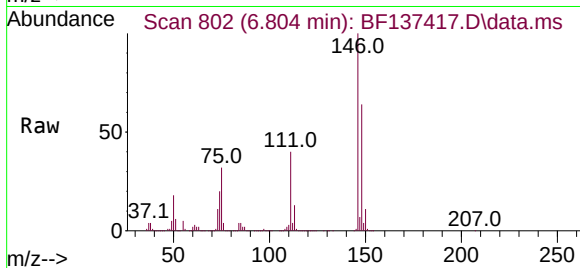
Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



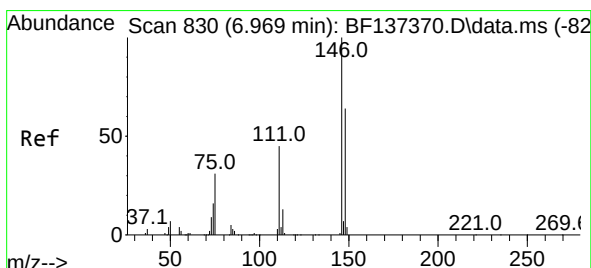
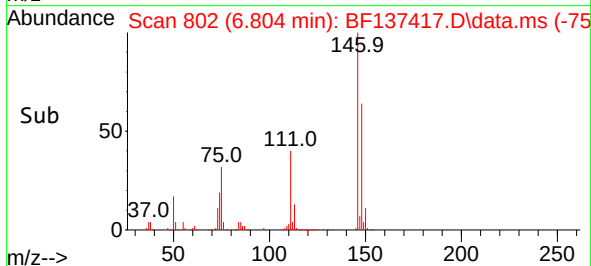
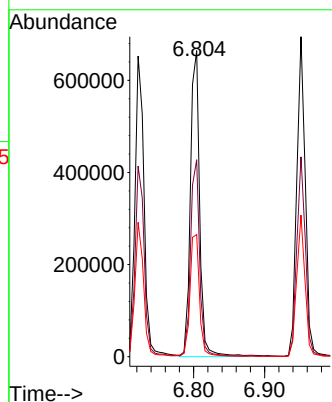
Tgt Ion:146 Resp: 604927

Ion Ratio Lower Upper

146 100

148 64.4 49.9 74.9

111 39.9 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 38.054 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

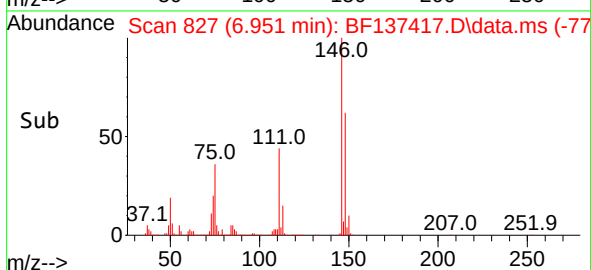
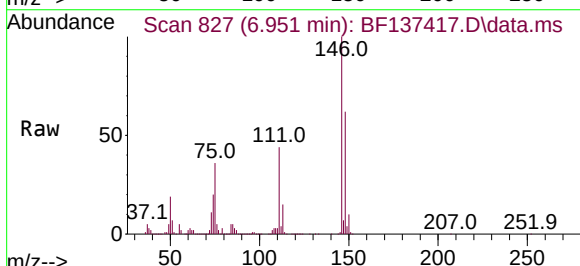
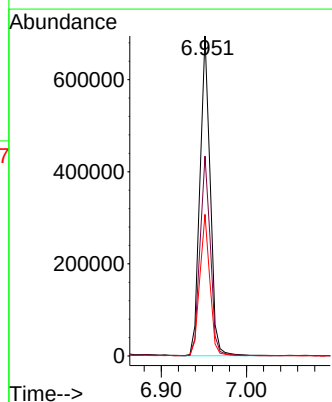
Tgt Ion:146 Resp: 582830

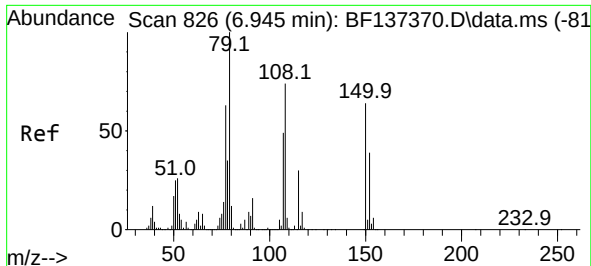
Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.0

111 44.2 36.6 54.8

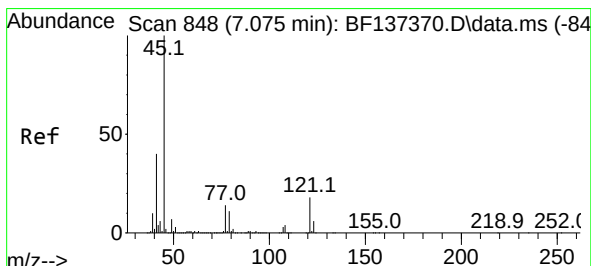
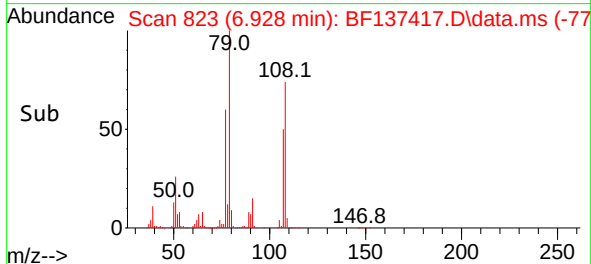
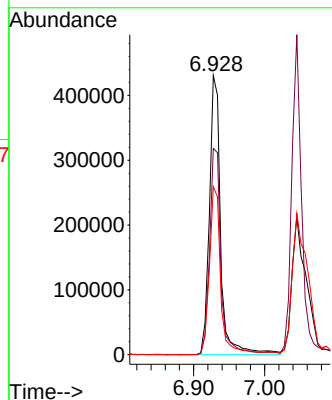
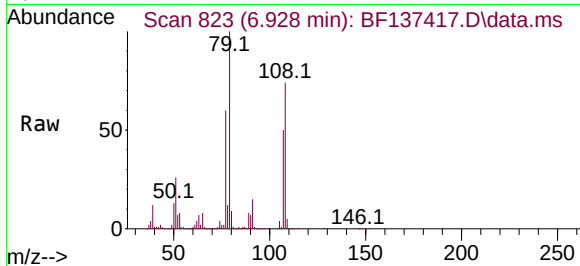




#15
Benzyl Alcohol
Concen: 38.799 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

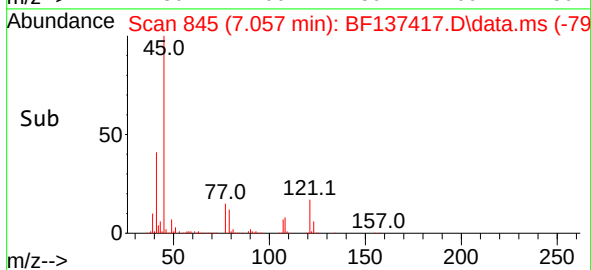
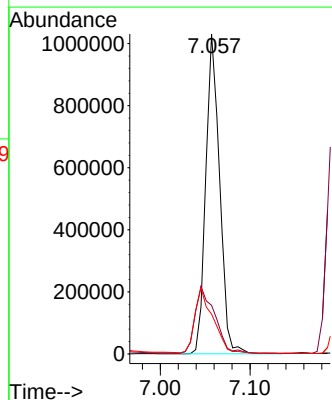
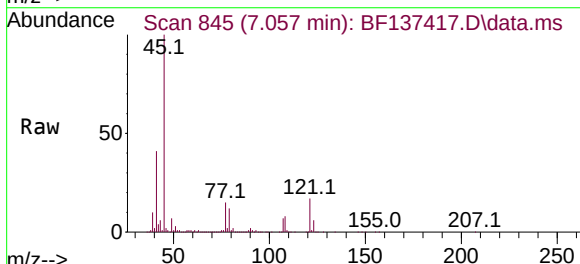
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

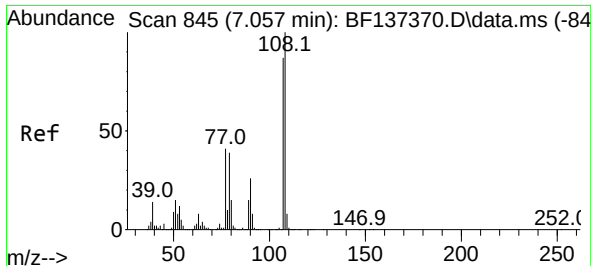
Tgt Ion: 79 Resp: 475034
Ion Ratio Lower Upper
79 100
108 73.9 59.5 89.3
77 60.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.584 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion: 45 Resp: 1101852
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 12.5 0.0 31.6

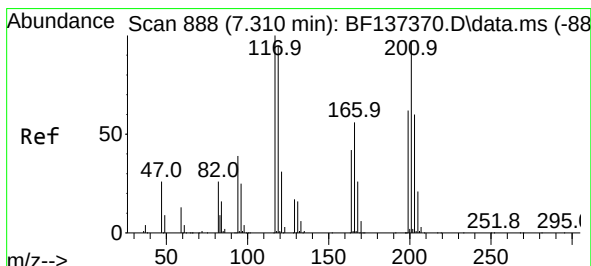
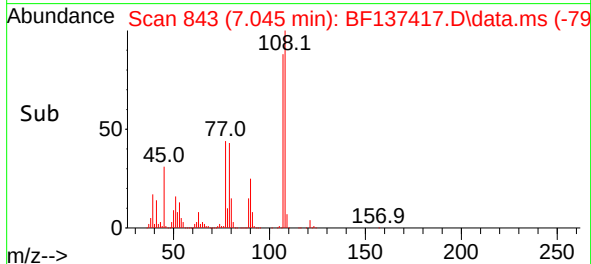
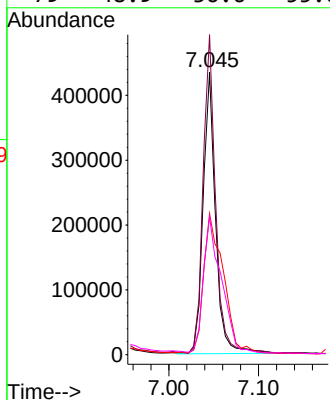
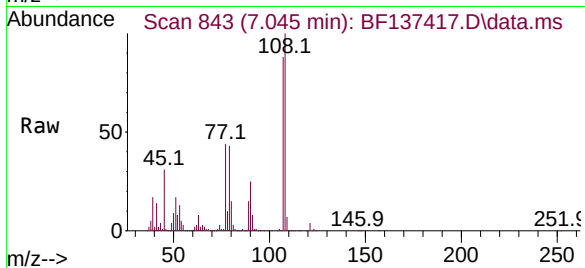




#17
2-Methylphenol
Concen: 29.503 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

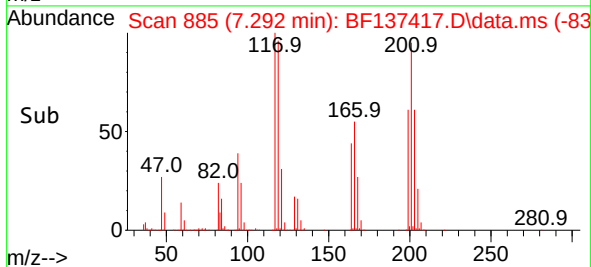
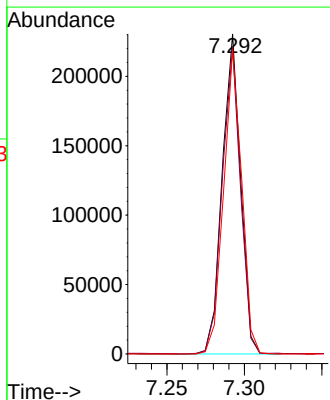
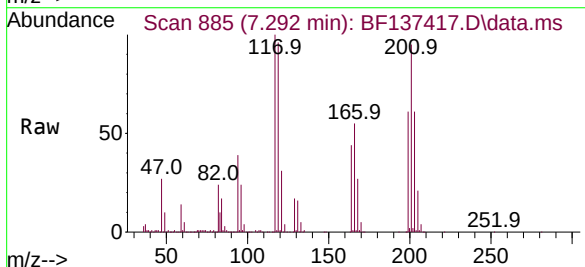
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

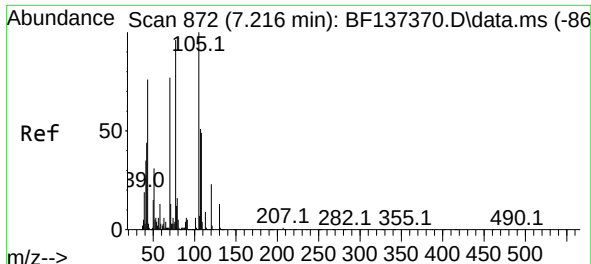
Tgt Ion:	107	Resp:	418049
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.2	138.4
77	50.1	38.1	57.1
79	48.9	36.6	55.0



#18
Hexachloroethane
Concen: 33.221 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:	117	Resp:	189550
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.4
201	95.1	77.6	116.4

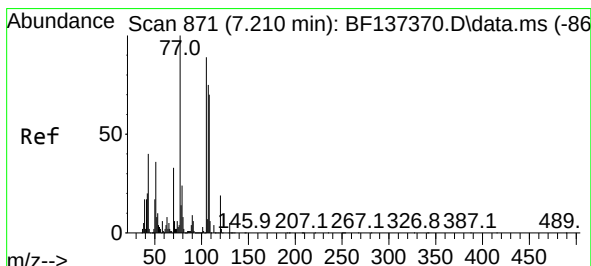
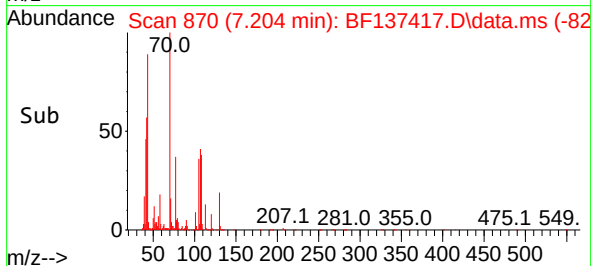
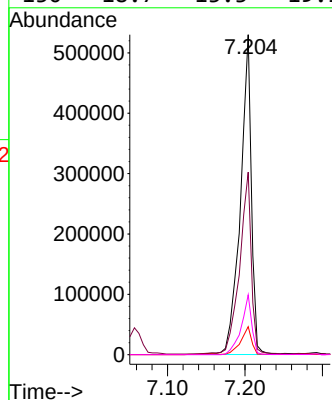
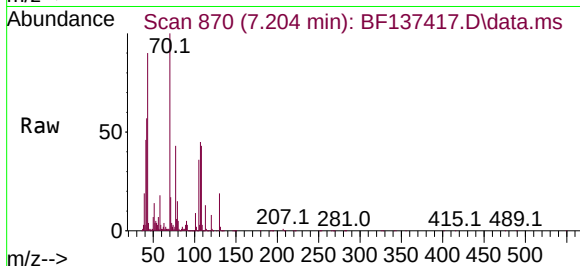




#19
n-Nitroso-di-n-propylamine
Concen: 41.596 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

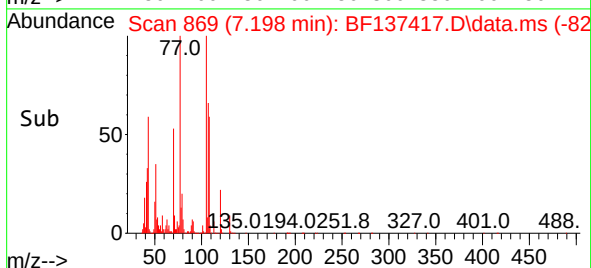
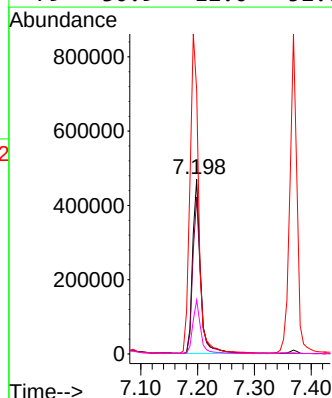
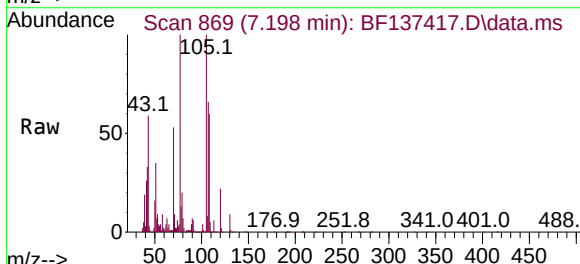
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

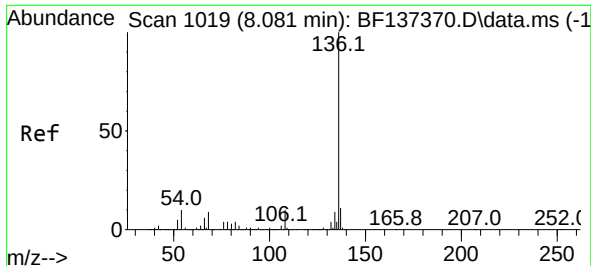
Tgt Ion:	70	Resp:	526476
Ion	Ratio	Lower	Upper
70	100		
42	57.1	45.3	67.9
101	8.7	6.5	9.7
130	18.7	13.3	19.9



#20
3+4-Methylphenols
Concen: 28.126 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:	107	Resp:	454247
Ion	Ratio	Lower	Upper
107	100		
108	89.9	73.1	113.1
77	150.9	113.6	153.6
79	30.9	12.0	52.0

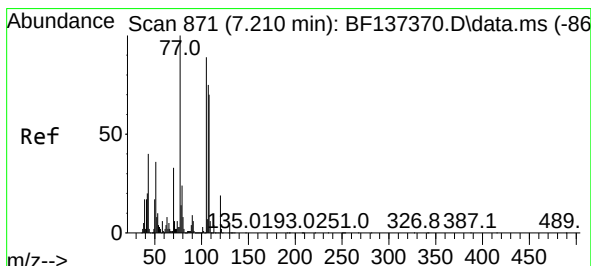
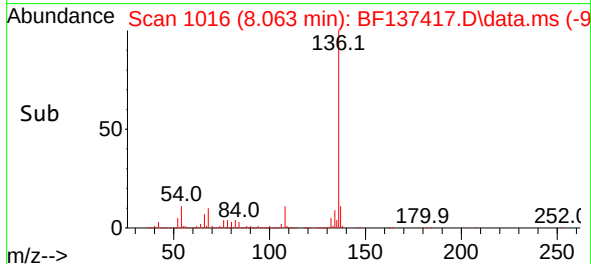
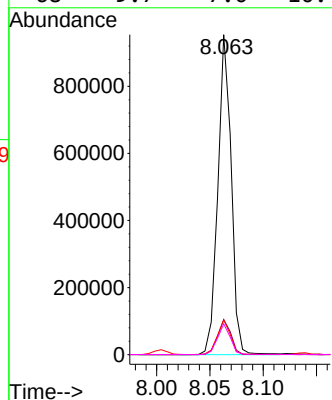
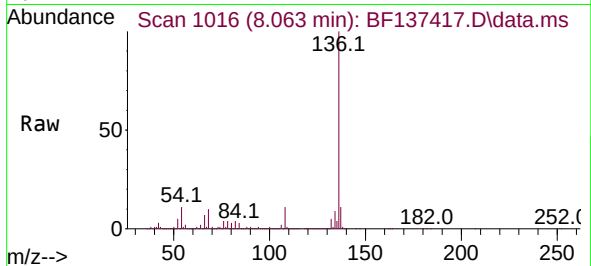




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

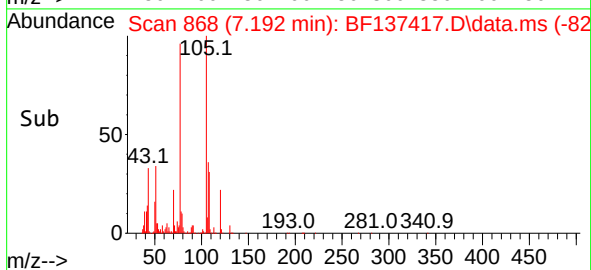
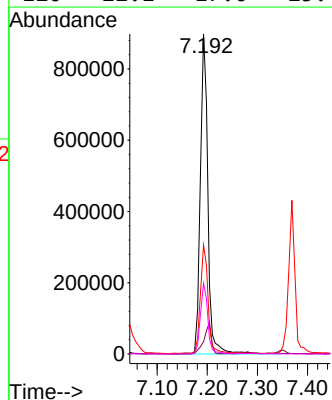
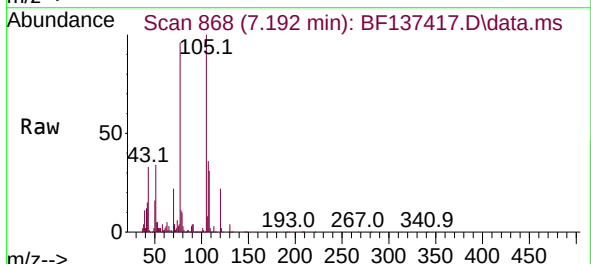
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

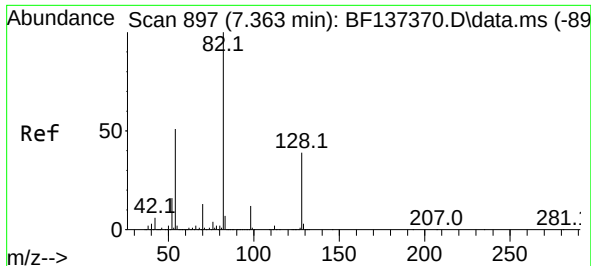
Tgt Ion:136	Resp: 828795
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 10.9	7.8 11.6
68 9.7	7.0 10.4



#22
Acetophenone
Concen: 46.468 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt	Ion:105	Resp:	933893
Ion	Ratio	Lower	Upper
105	100		
71	3.8	5.0	7.6#
51	34.1	32.2	48.4
120	22.1	17.0	25.4





#23

Nitrobenzene-d5

Concen: 87.477 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137417.D

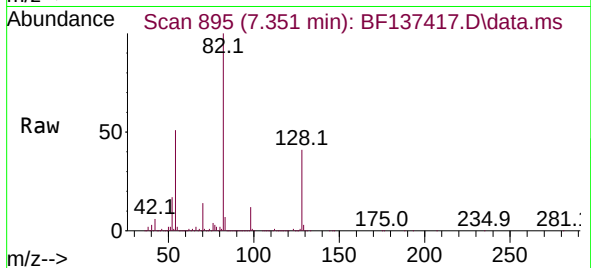
Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



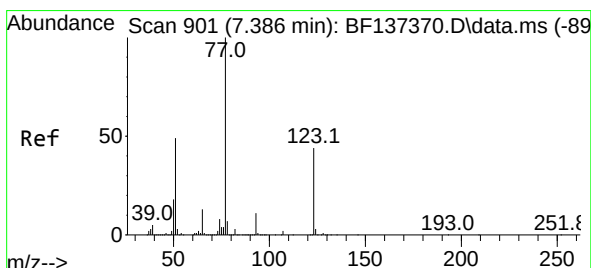
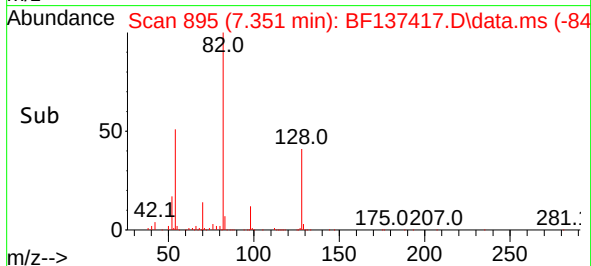
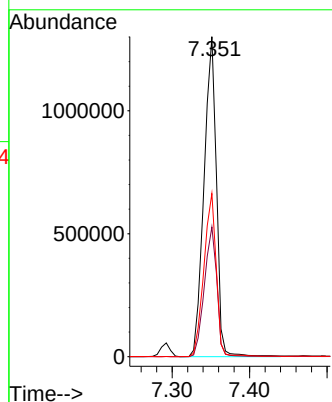
Tgt Ion: 82 Resp: 1452204

Ion Ratio Lower Upper

82 100

128 40.6 30.8 46.2

54 51.0 40.8 61.2



#24

Nitrobenzene

Concen: 44.984 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

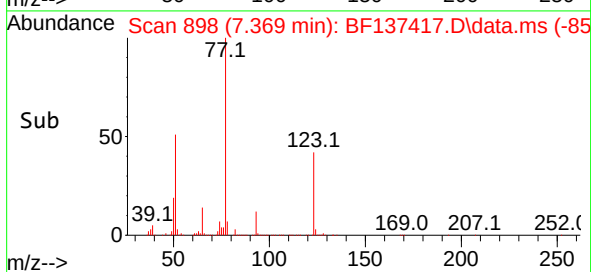
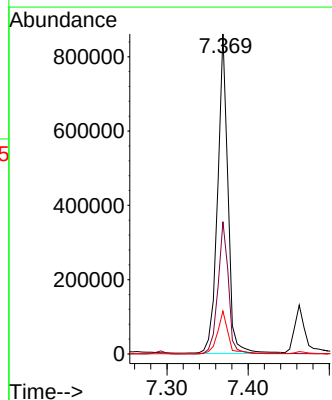
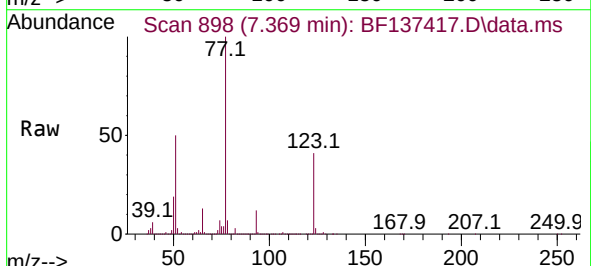
Tgt Ion: 77 Resp: 758805

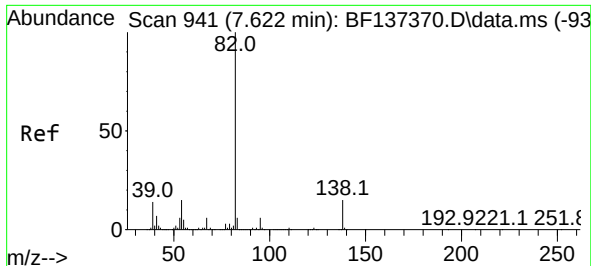
Ion Ratio Lower Upper

77 100

123 41.3 35.4 53.0

65 13.4 10.3 15.5

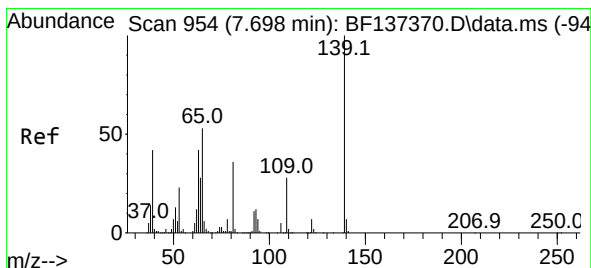
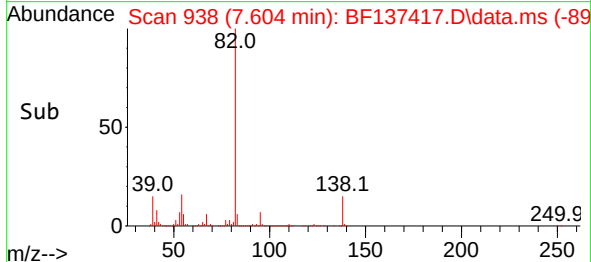
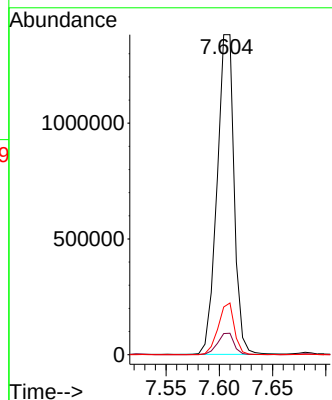
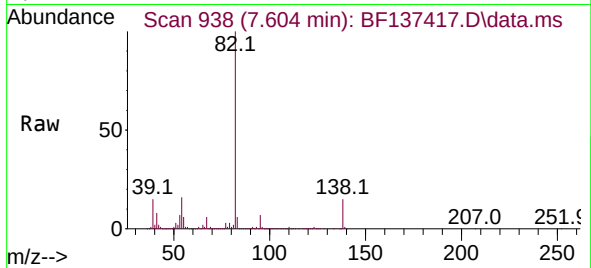




#25
Isophorone
Concen: 44.755 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

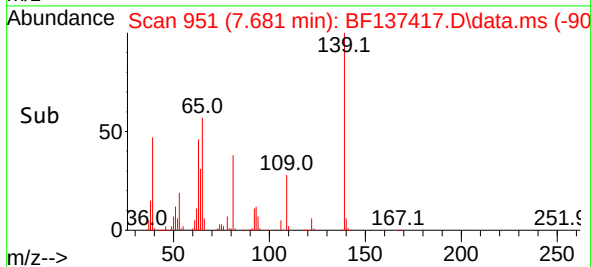
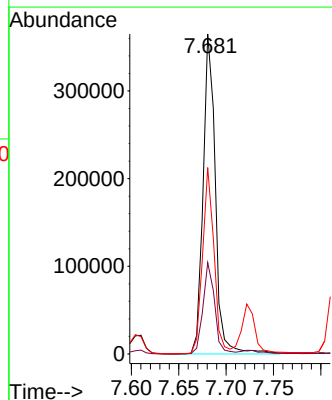
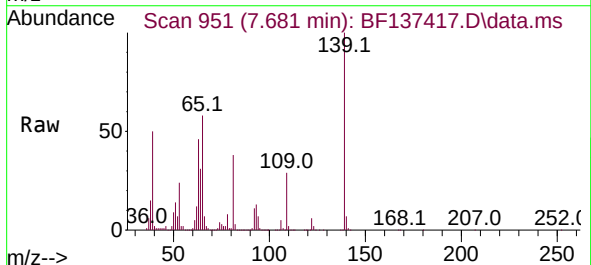
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

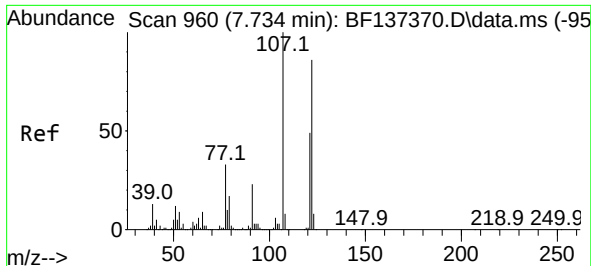
Tgt Ion: 82 Resp: 1536453
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 14.9 12.2 18.4



#26
2-Nitrophenol
Concen: 50.889 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:139 Resp: 329214
Ion Ratio Lower Upper
139 100
109 28.5 22.5 33.7
65 58.3 42.3 63.5

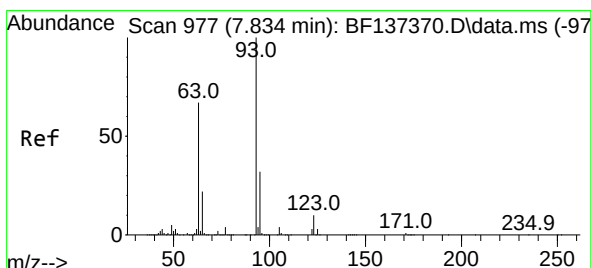
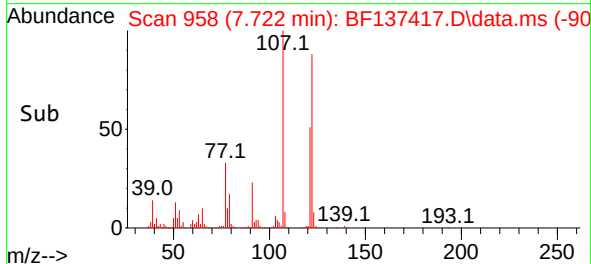
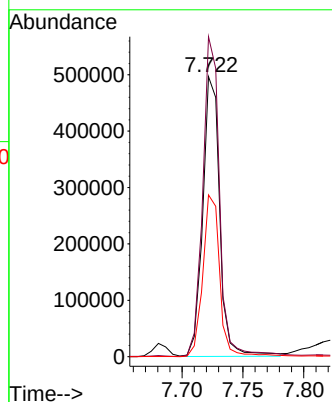
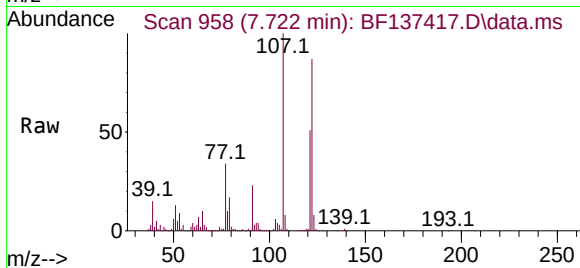




#27
2,4-Dimethylphenol
Concen: 38.199 ng
RT: 7.722 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

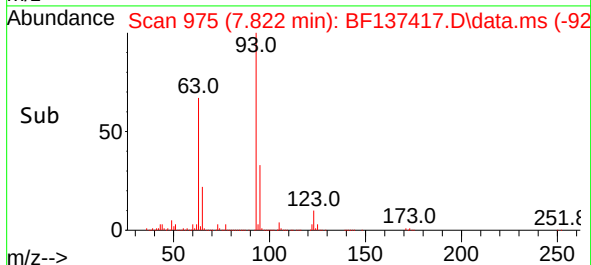
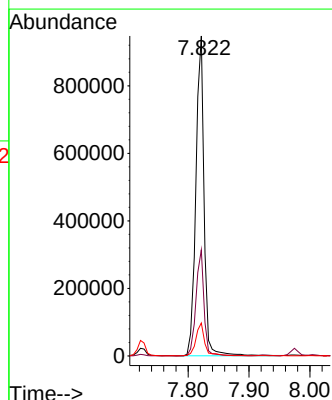
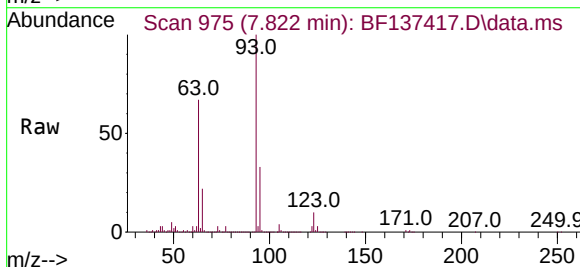
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

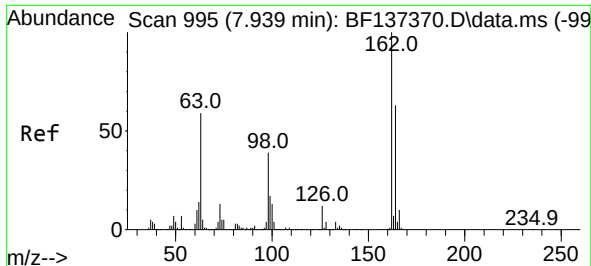
Tgt Ion:122 Resp: 482291
Ion Ratio Lower Upper
122 100
107 114.3 92.7 139.1
121 57.8 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.888 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion: 93 Resp: 888239
Ion Ratio Lower Upper
93 100
95 33.2 25.9 38.9
123 10.3 8.2 12.4

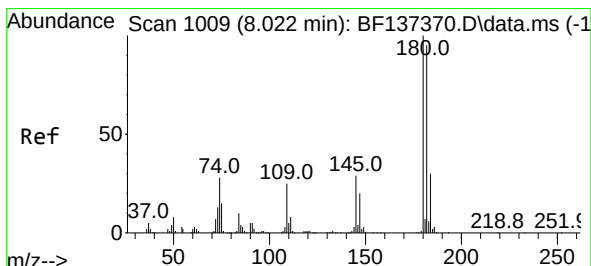
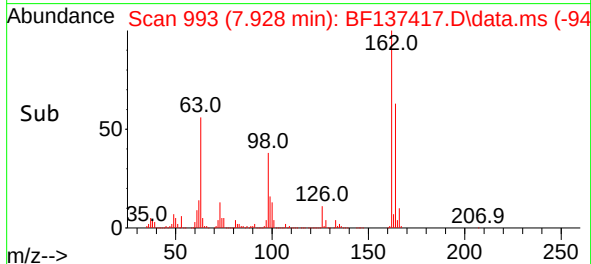
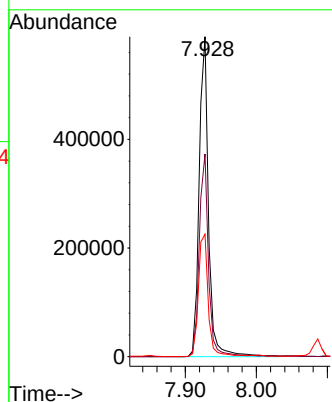
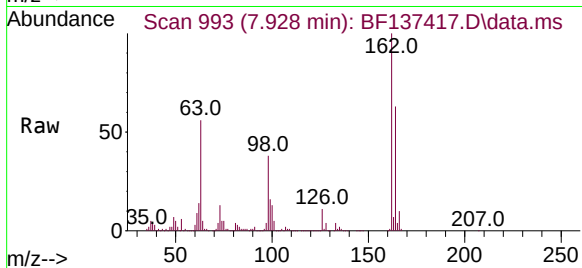




#29
2,4-Dichlorophenol
Concen: 45.783 ng
RT: 7.928 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

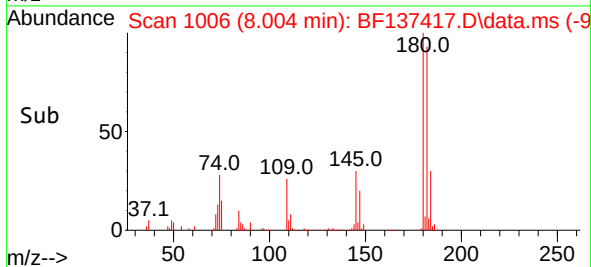
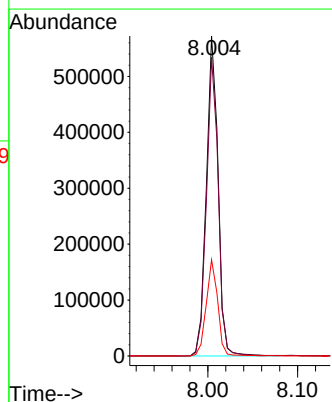
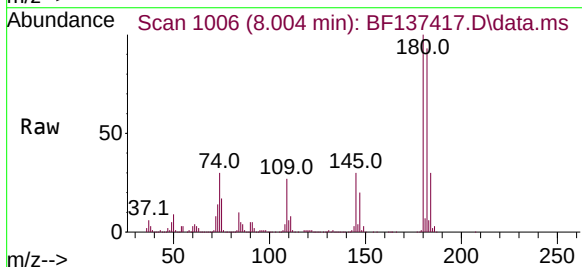
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

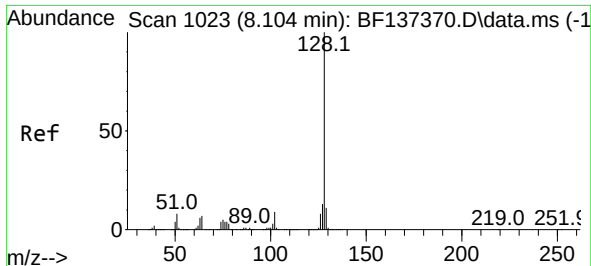
Tgt Ion:162 Resp: 541777
Ion Ratio Lower Upper
162 100
164 63.3 43.1 83.1
98 38.2 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 41.001 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:180 Resp: 520779
Ion Ratio Lower Upper
180 100
182 93.3 75.8 113.6
145 30.1 23.4 35.0

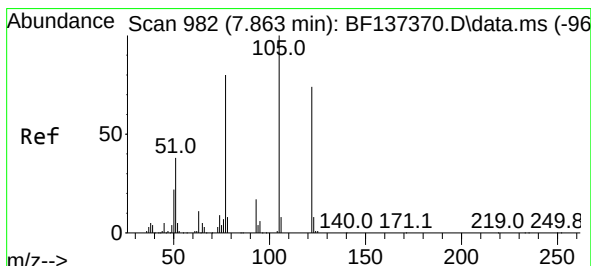
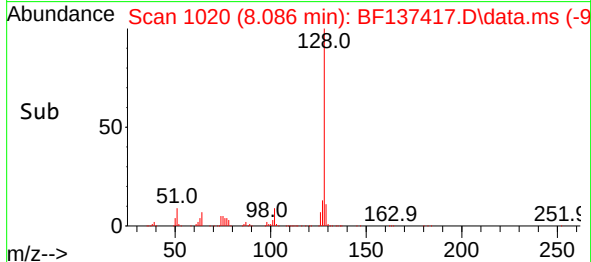
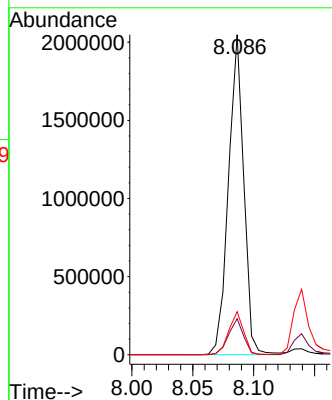
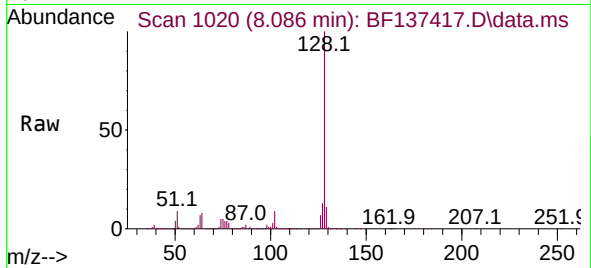




#31
Naphthalene
Concen: 40.267 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

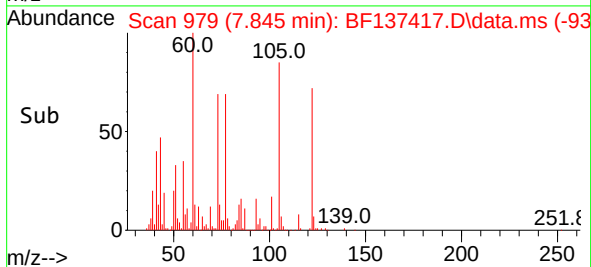
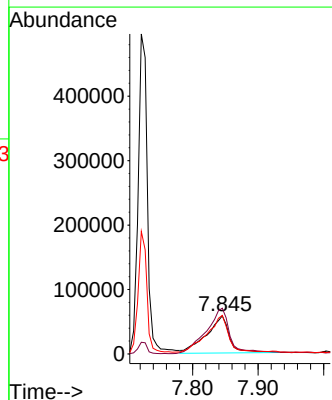
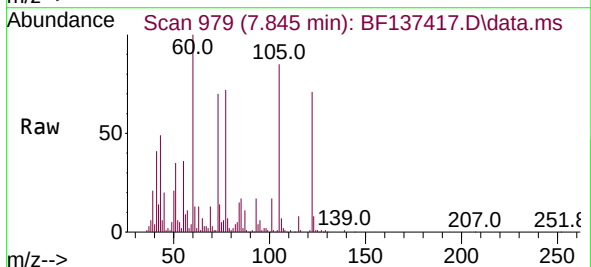
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

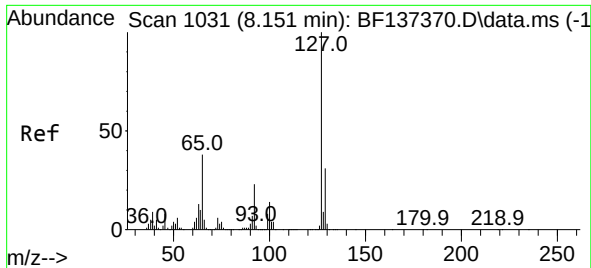
Tgt Ion:128 Resp: 1790960
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 22.573 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:122 Resp: 141134
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 101.2 82.8 122.8

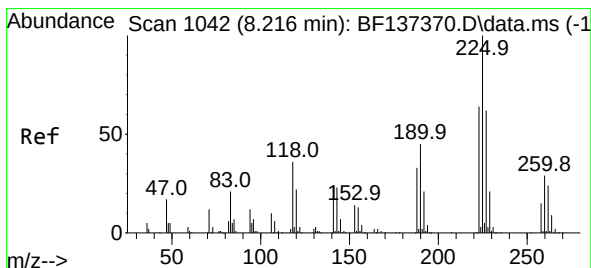
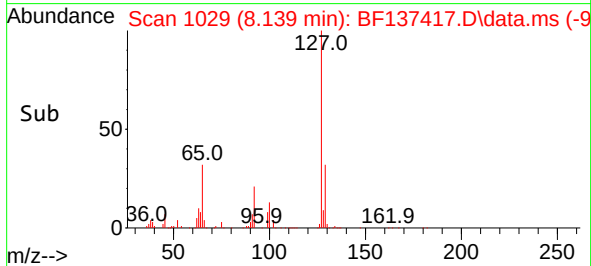
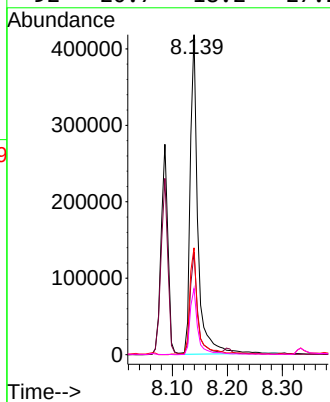
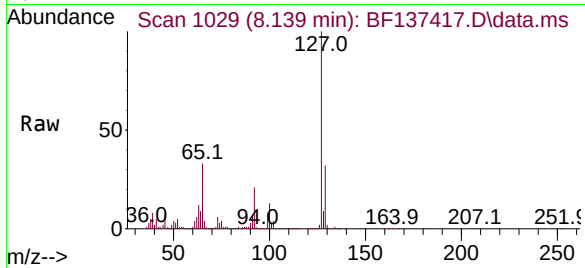




#33
4-Chloroaniline
Concen: 23.869 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

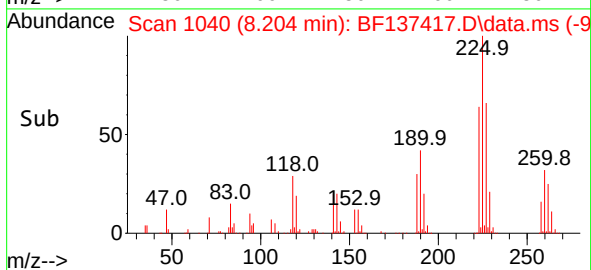
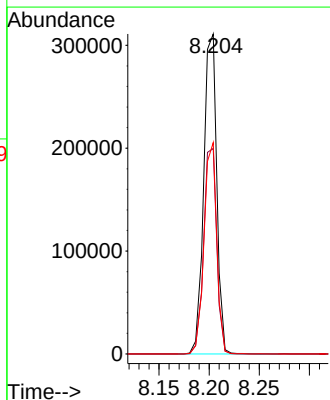
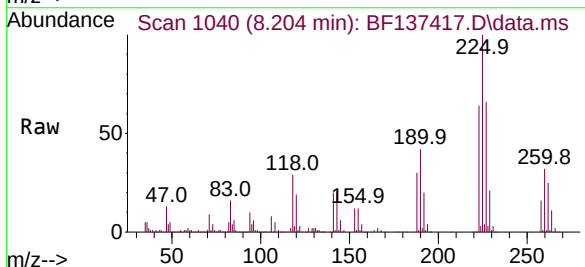
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

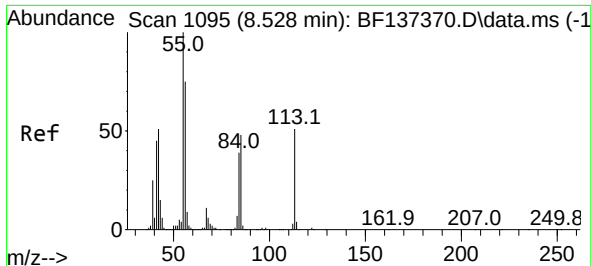
Tgt Ion:	127	Resp:	403780
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.6
65	33.4	30.4	45.6
92	20.7	18.2	27.2



#34
Hexachlorobutadiene
Concen: 37.478 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:	225	Resp:	282796
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	66.0	49.8	74.6

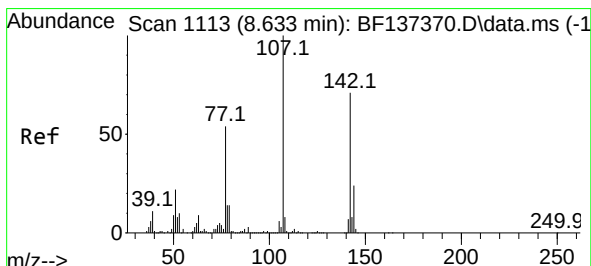
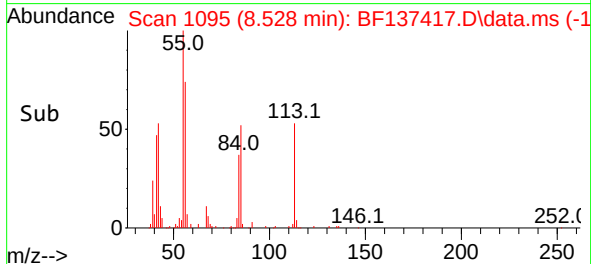
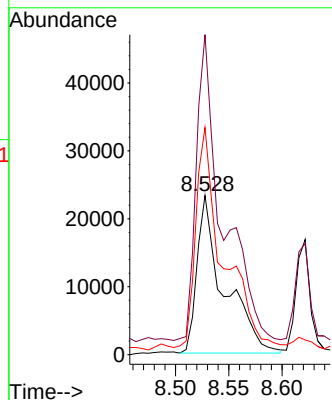
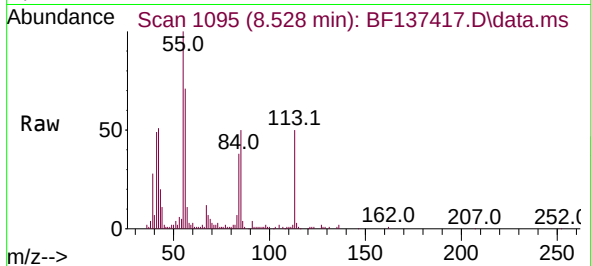




#35
Caprolactam
Concen: 11.176 ng
RT: 8.528 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

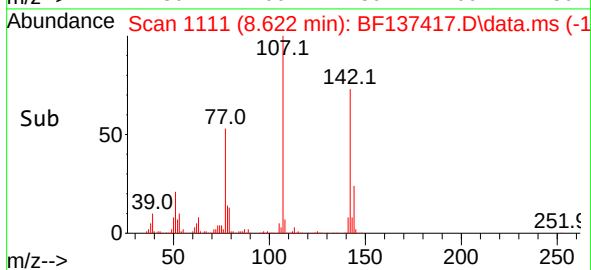
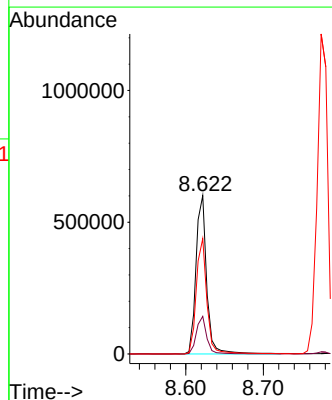
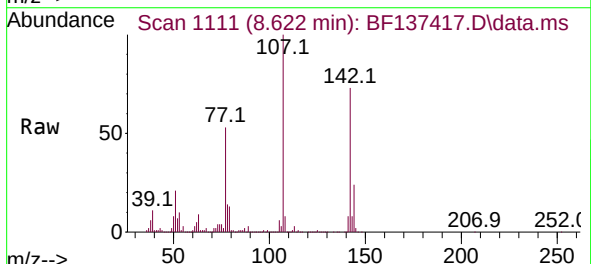
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

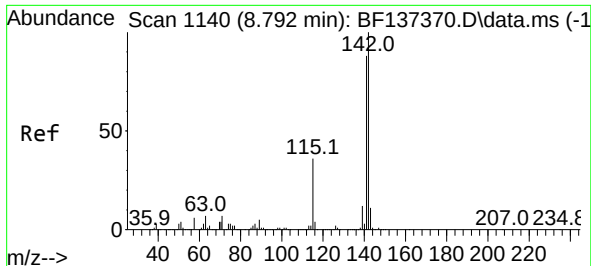
Tgt Ion:113 Resp: 40899
Ion Ratio Lower Upper
113 100
55 201.0 176.3 216.3
56 142.7 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 42.907 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.011 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:107 Resp: 575632
Ion Ratio Lower Upper
107 100
144 23.7 18.9 28.3
142 72.8 56.6 85.0

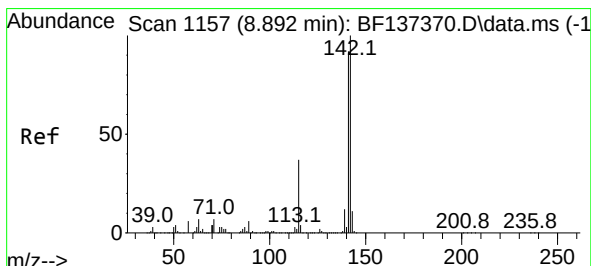
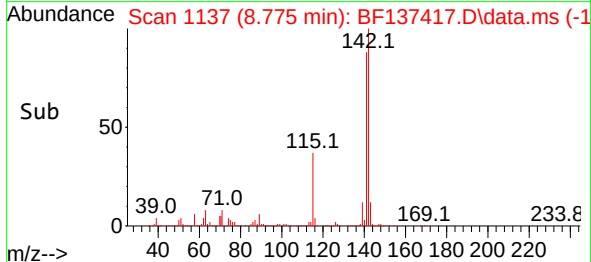
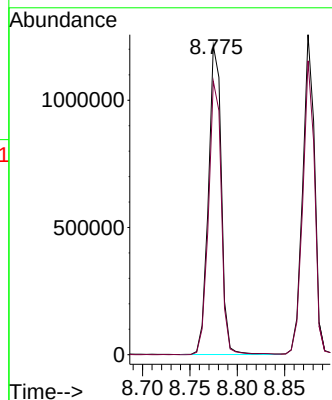
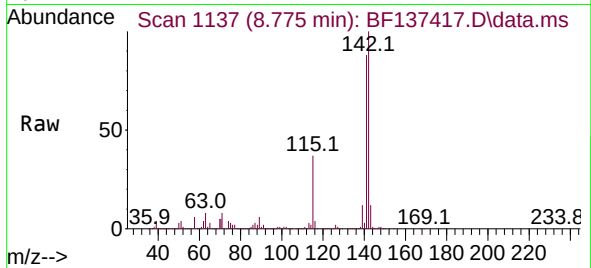




#37
2-Methylnaphthalene
Concen: 40.083 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

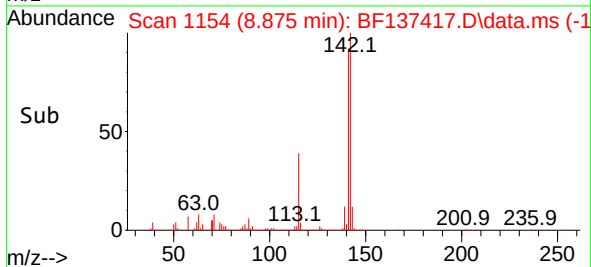
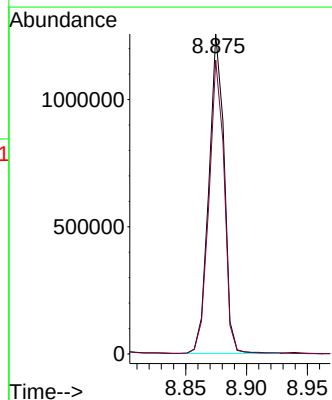
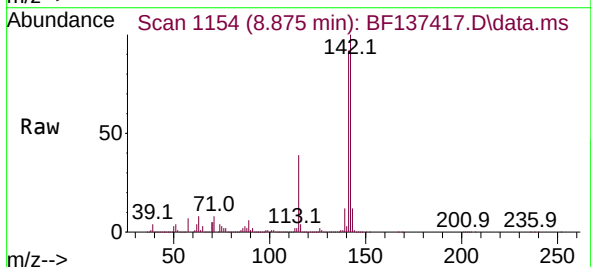
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

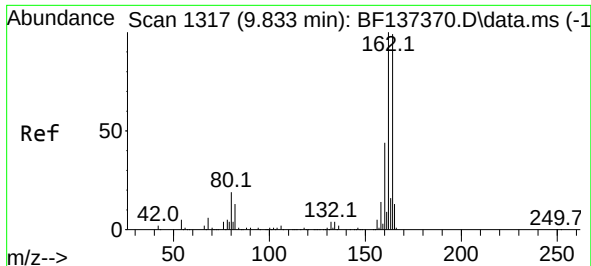
Tgt Ion:142 Resp: 1148788
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5



#38
1-Methylnaphthalene
Concen: 40.549 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:142 Resp: 1098747
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8

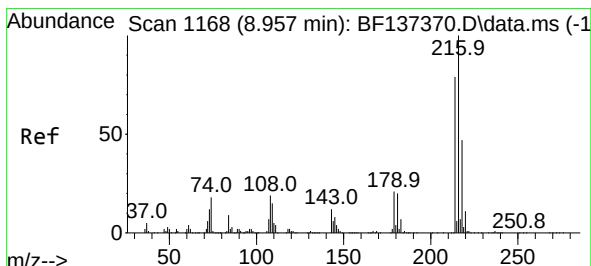
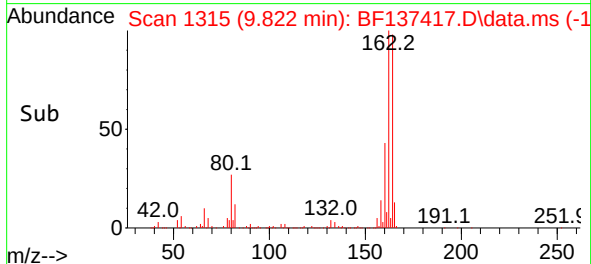
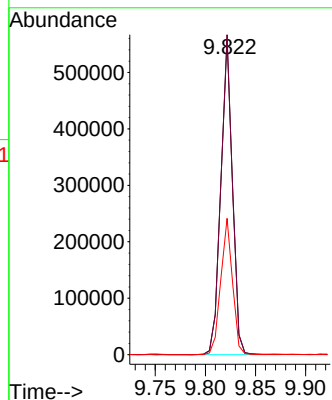
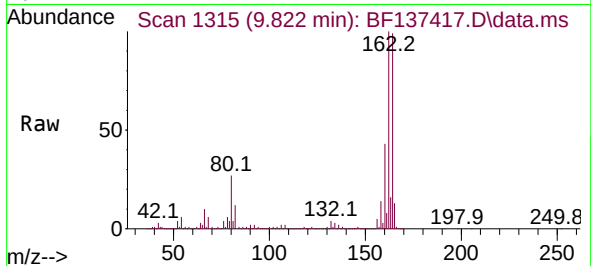




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

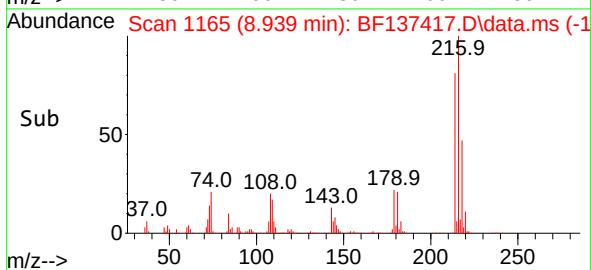
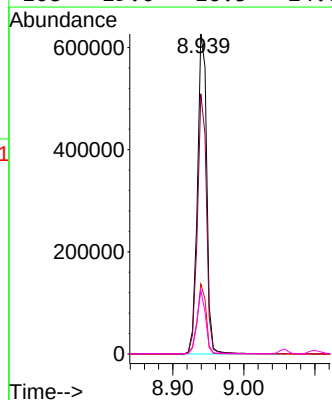
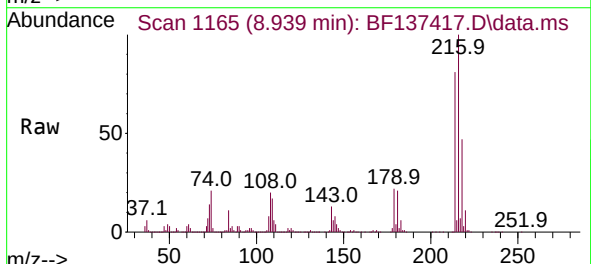
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

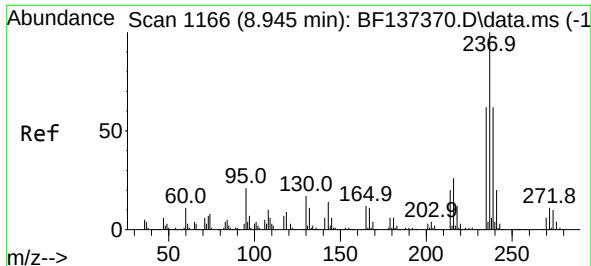
Tgt Ion:164 Resp: 451625
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 43.2 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.024 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:216 Resp: 572495
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 20.8 16.5 24.7
108 19.0 16.5 24.7

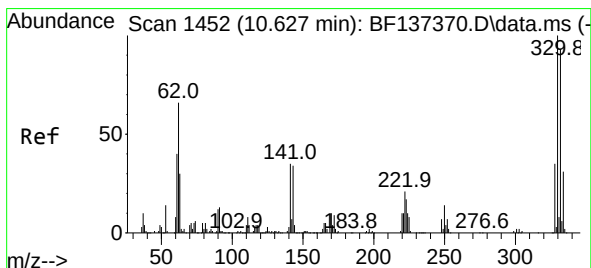
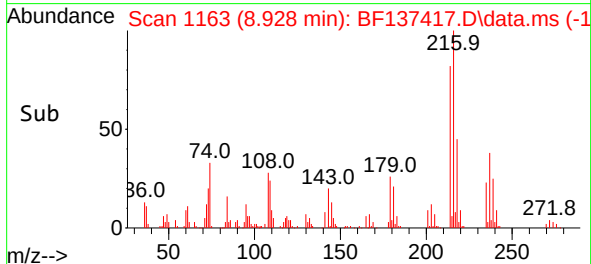
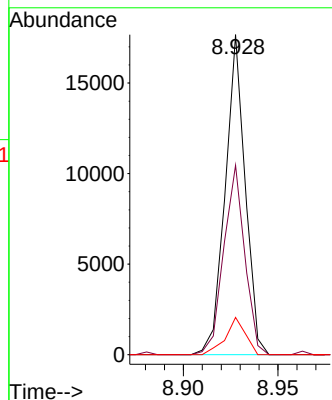
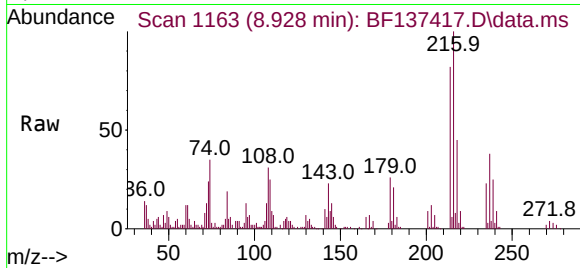




#41
Hexachlorocyclopentadiene
Concen: 2.306 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

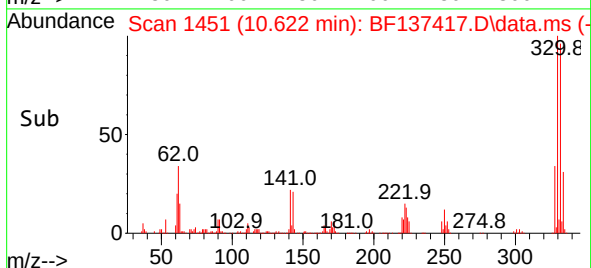
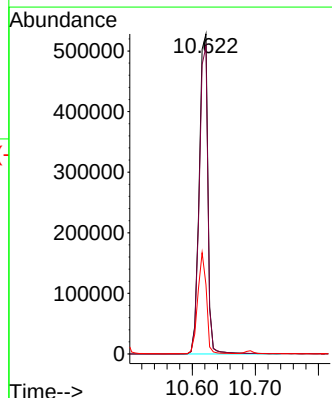
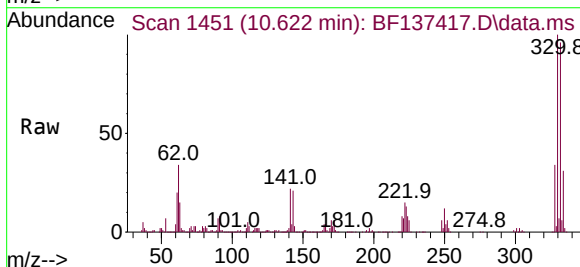
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

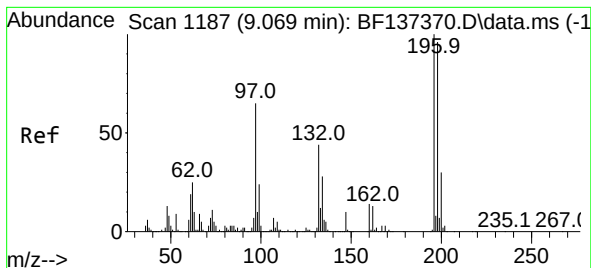
Tgt Ion:237 Resp: 13006
Ion Ratio Lower Upper
237 100
235 59.2 42.0 82.0
272 11.7 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 127.359 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:330 Resp: 500872
Ion Ratio Lower Upper
330 100
332 95.2 75.6 113.4
141 31.2 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 50.090 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137417.D

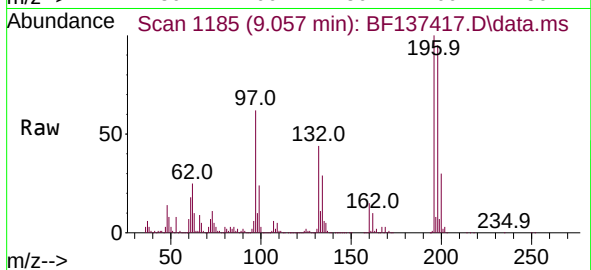
Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

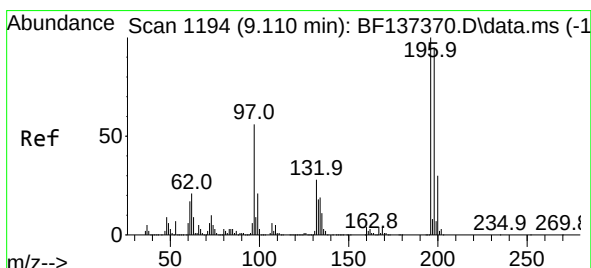
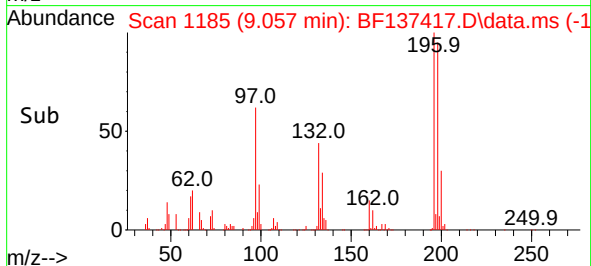
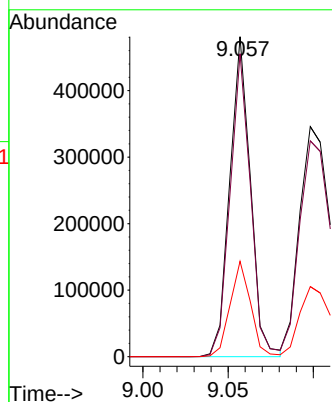
ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD



Tgt Ion:196 Resp: 403988

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.0	115.4
200	29.8	24.3	36.5



#44

2,4,5-Trichlorophenol

Concen: 45.579 ng

RT: 9.098 min Scan# 1192

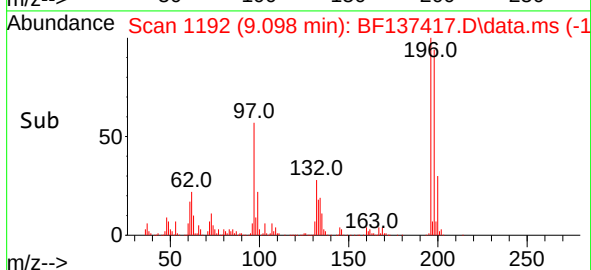
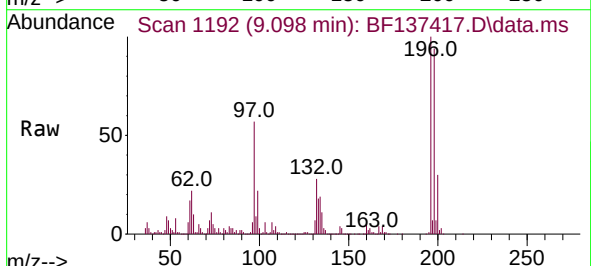
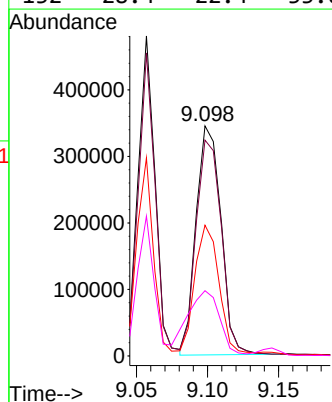
Delta R.T. -0.012 min

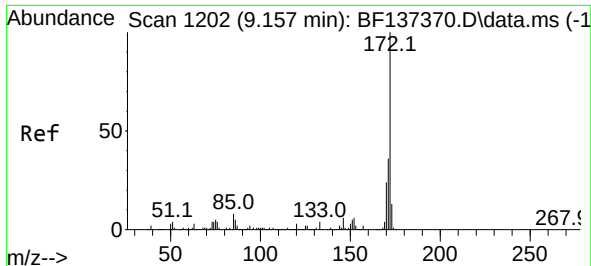
Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Tgt Ion:196 Resp: 421736

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.6	113.4
97	56.8	44.6	66.8
132	28.4	22.4	33.6

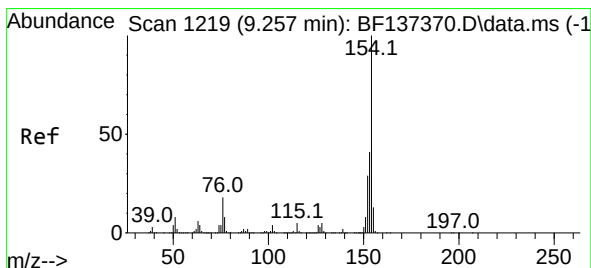
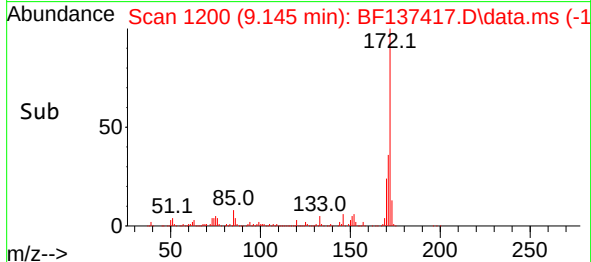
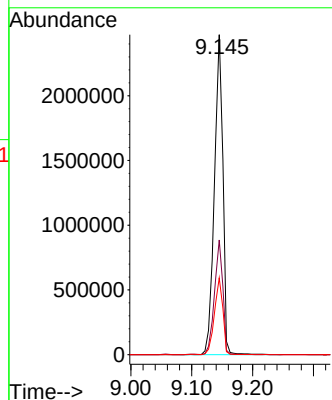
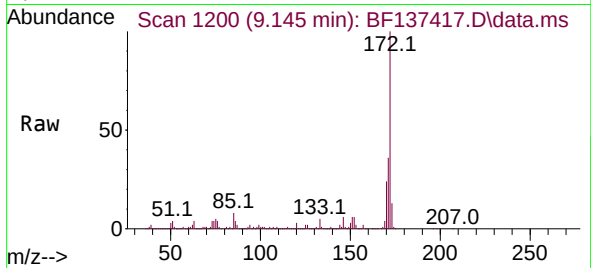




#45
2-Fluorobiphenyl
Concen: 82.420 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

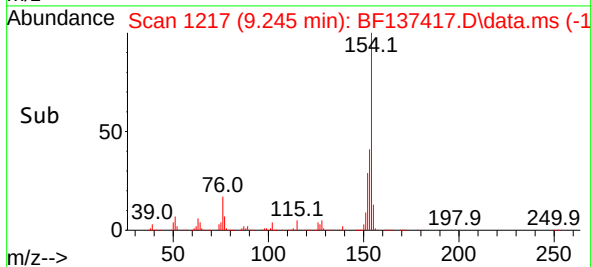
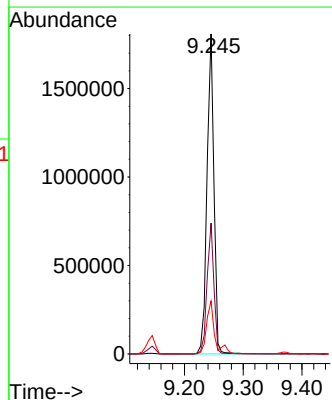
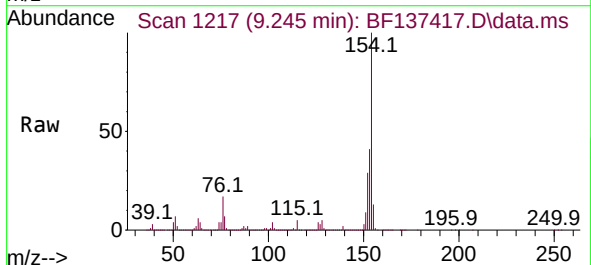
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

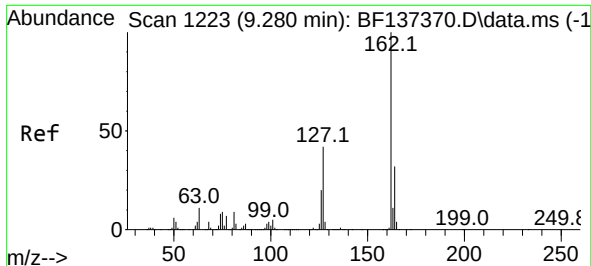
Tgt Ion:172 Resp: 2390910
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.0 19.5 29.3



#46
1,1'-Biphenyl
Concen: 45.273 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:154 Resp: 1489187
Ion Ratio Lower Upper
154 100
153 40.9 21.2 61.2
76 16.6 0.0 37.9





#47

2-Chloronaphthalene

Concen: 46.574 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

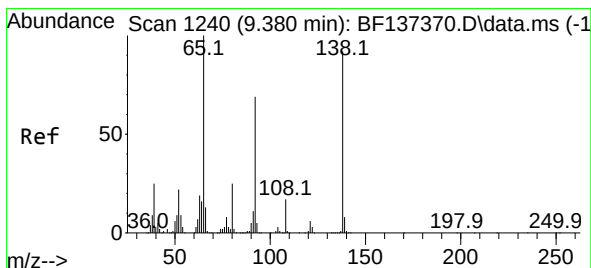
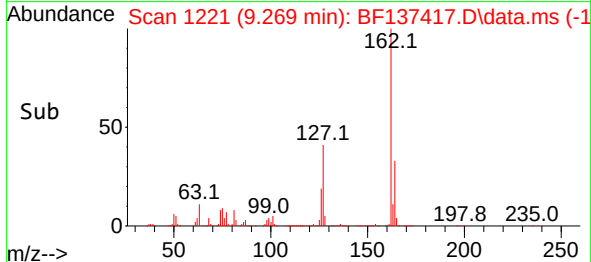
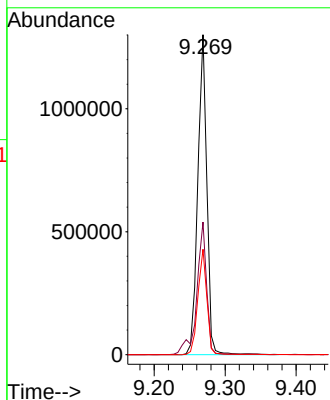
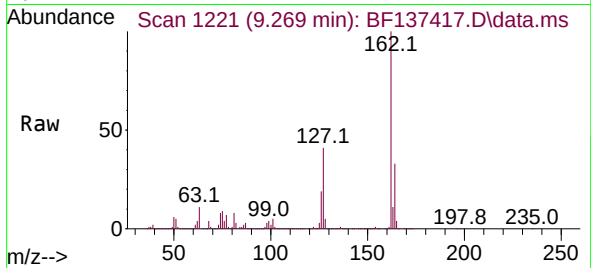
Tgt Ion:162 Resp: 1156935

Ion Ratio Lower Upper

162 100

127 41.4 33.6 50.4

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 56.465 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

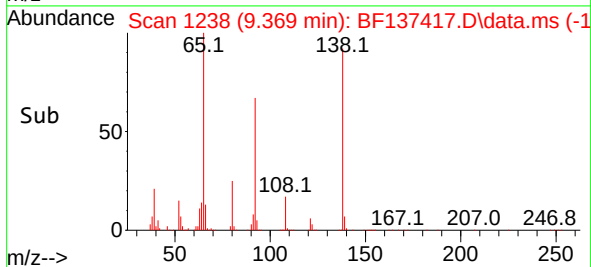
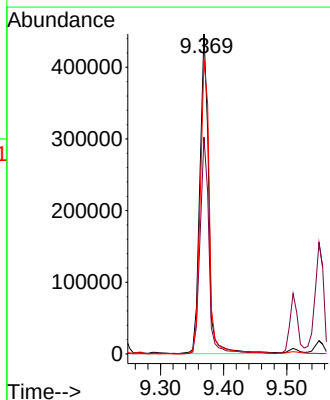
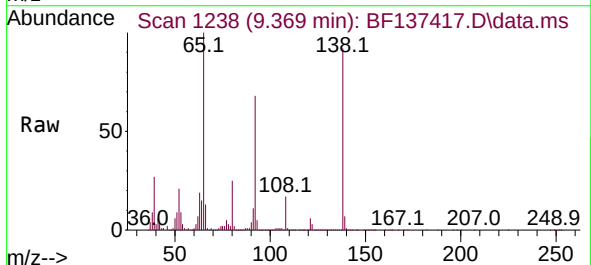
Tgt Ion: 65 Resp: 432199

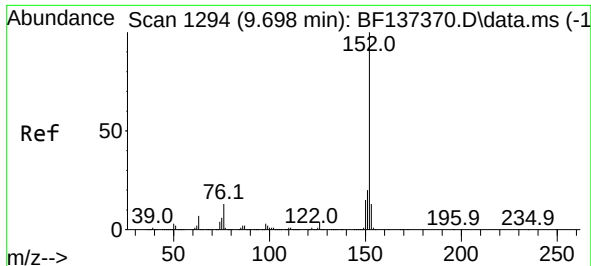
Ion Ratio Lower Upper

65 100

92 67.8 55.0 82.6

138 91.9 73.7 110.5





#49

Acenaphthylene

Concen: 46.374 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

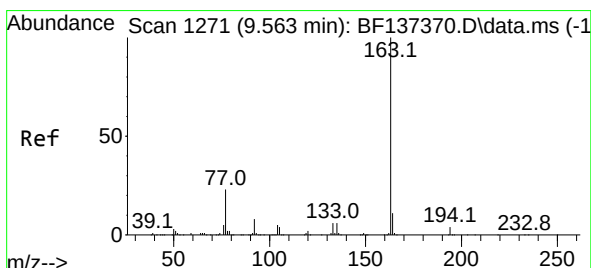
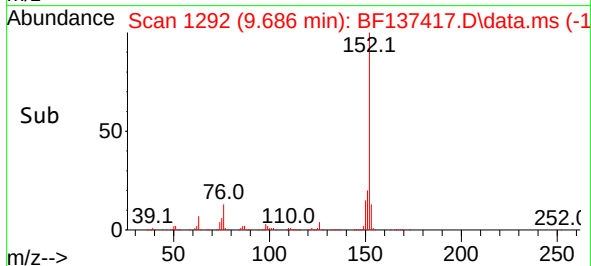
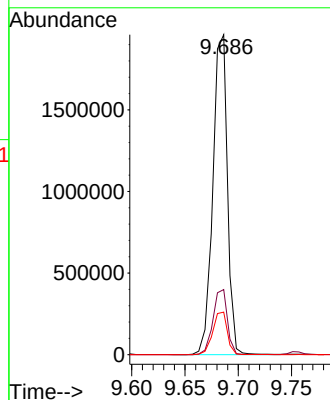
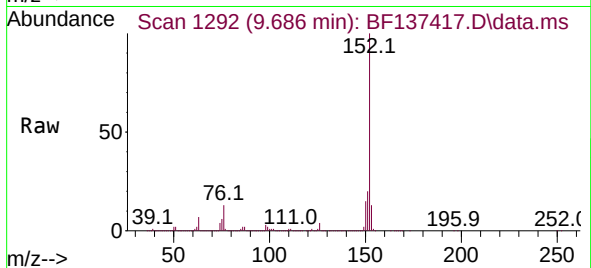
Tgt Ion:152 Resp: 1871634

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 48.019 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

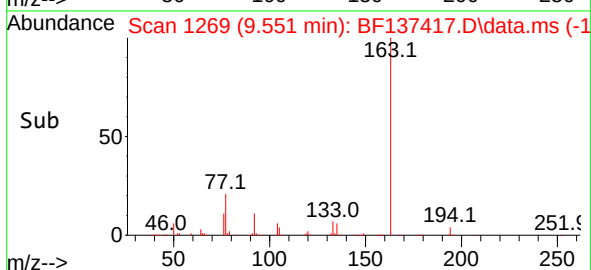
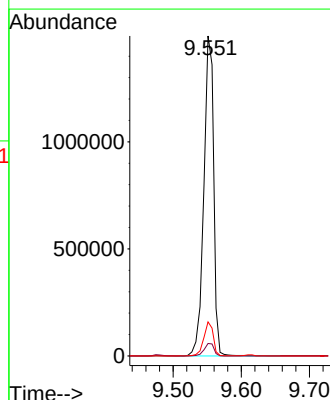
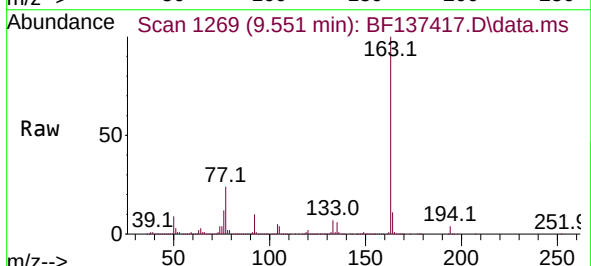
Tgt Ion:163 Resp: 1498524

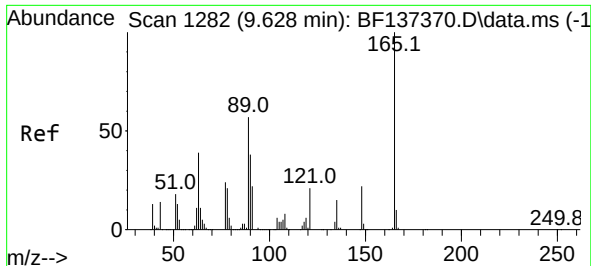
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.6 8.5 12.7

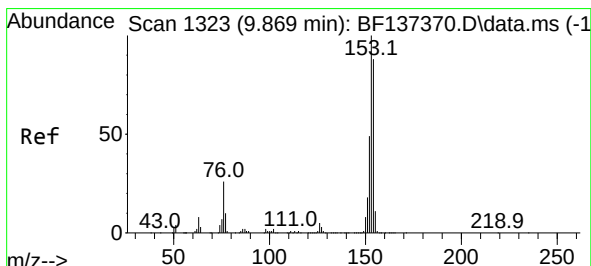
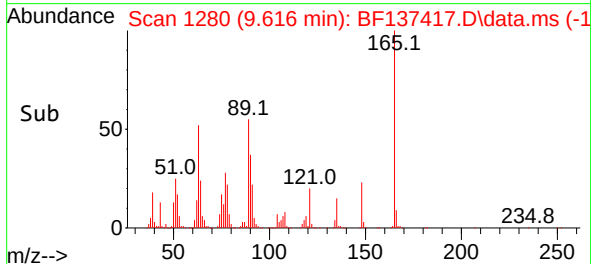
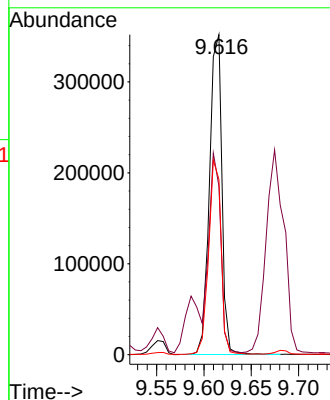
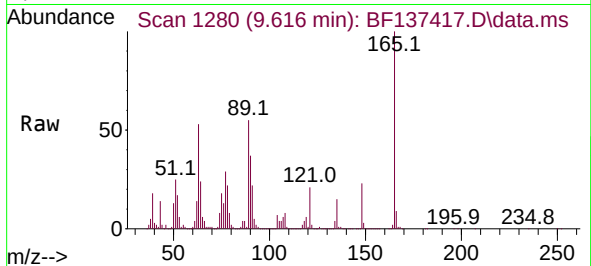




#51
2,6-Dinitrotoluene
Concen: 55.210 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

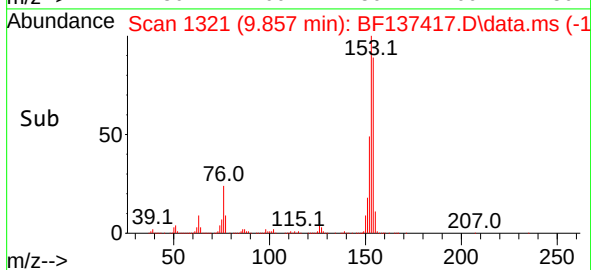
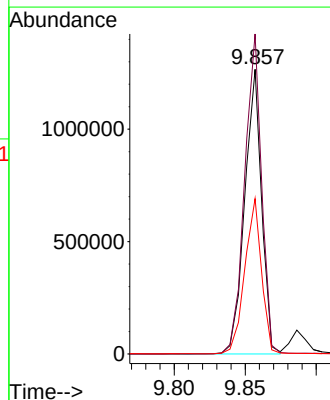
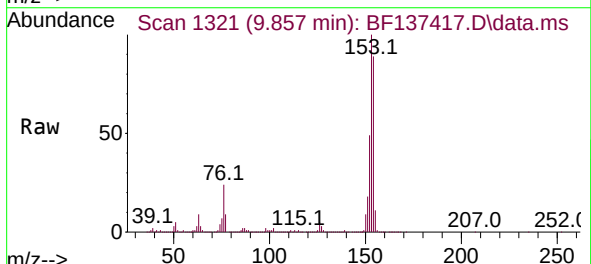
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

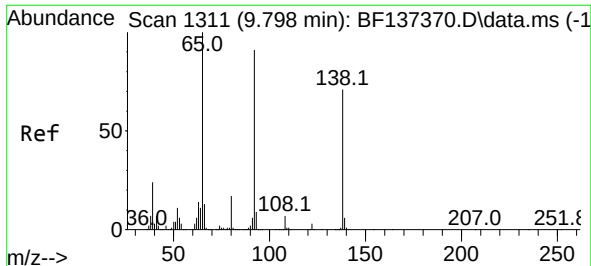
Tgt Ion:165 Resp: 320529
Ion Ratio Lower Upper
165 100
63 52.7 41.6 62.4
89 54.7 45.8 68.6



#52
Acenaphthene
Concen: 43.656 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:154 Resp: 1051758
Ion Ratio Lower Upper
154 100
153 112.4 90.6 135.8
152 54.6 44.1 66.1

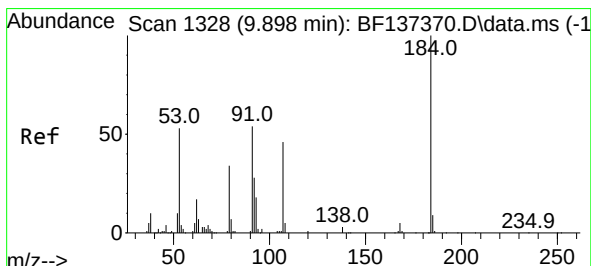
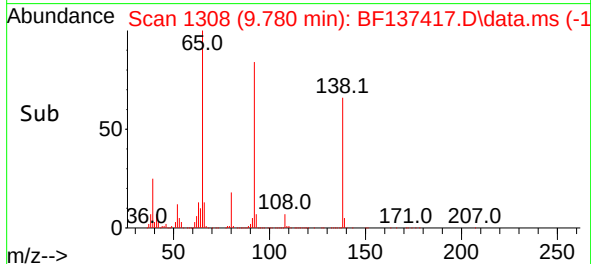
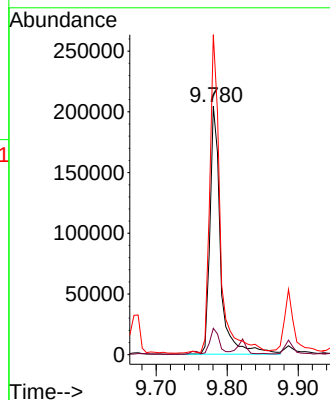
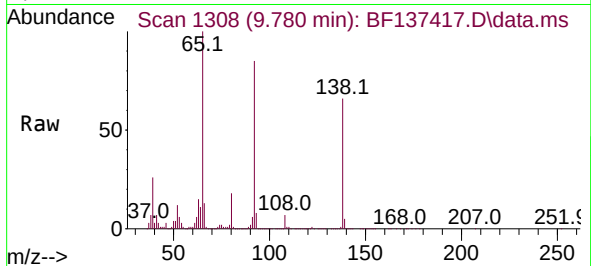




#53
3-Nitroaniline
Concen: 32.714 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

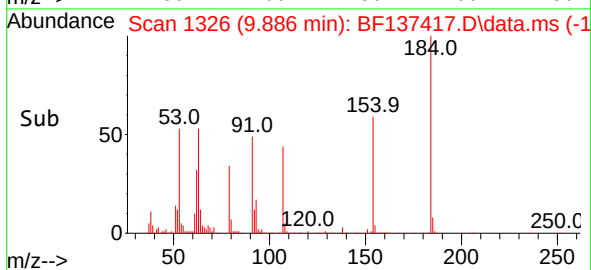
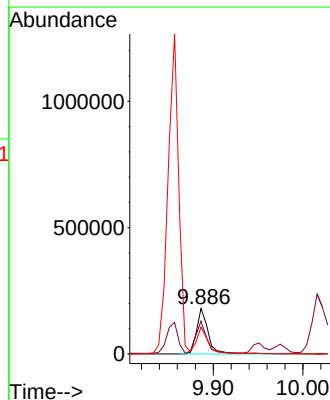
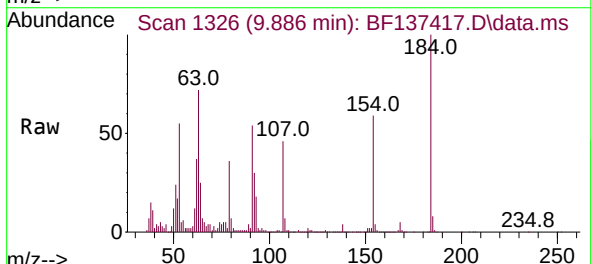
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

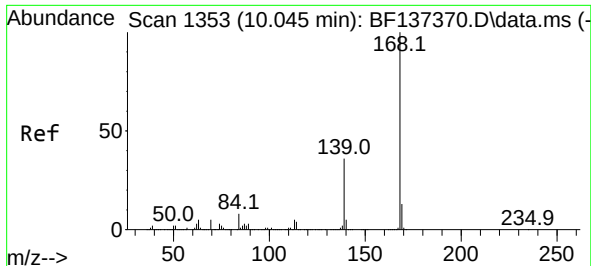
Tgt Ion:138 Resp: 211776
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.2
92 128.9 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 59.058 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:184 Resp: 162937
Ion Ratio Lower Upper
184 100
63 72.2 55.9 83.9
154 59.2 47.6 71.4

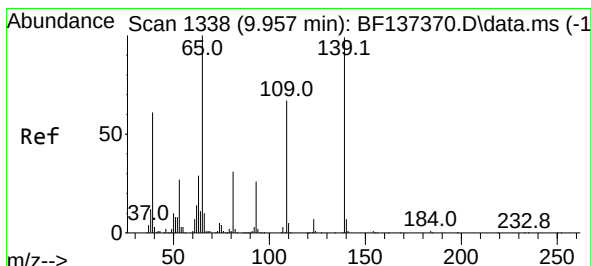
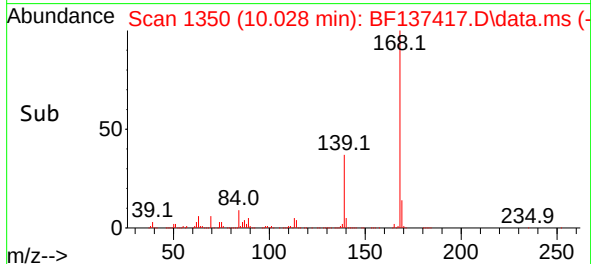
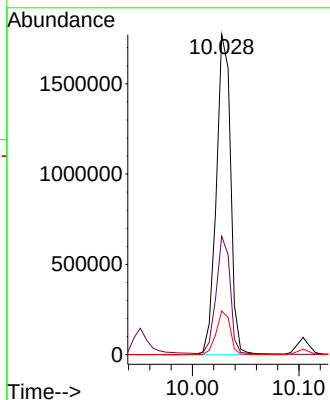
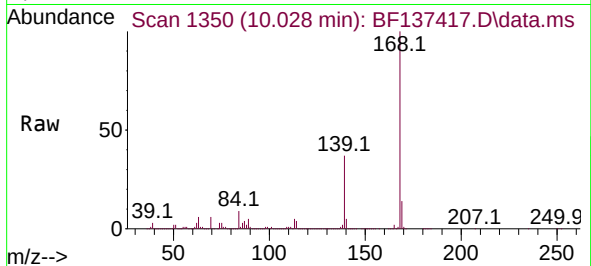




#55
Dibenzenofuran
Concen: 44.280 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.017 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

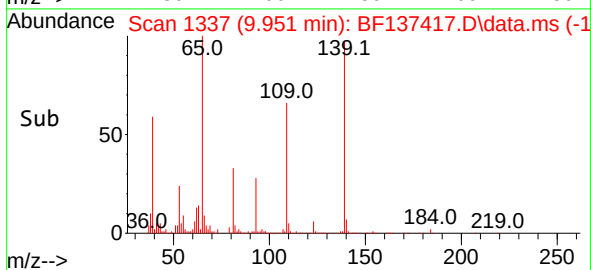
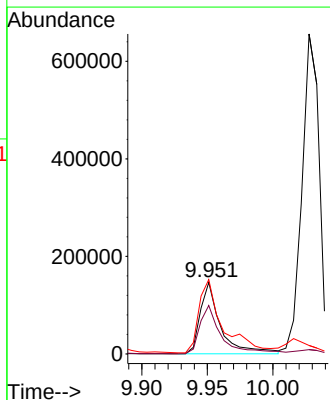
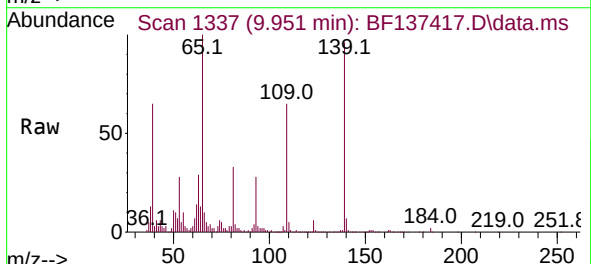
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

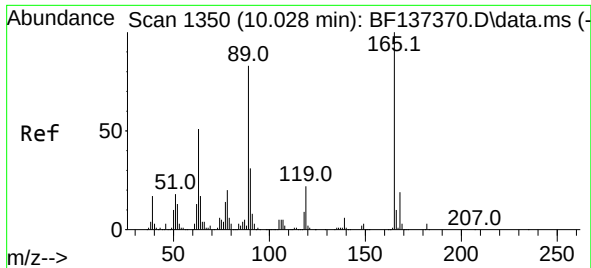
Tgt Ion:168 Resp: 1648799
Ion Ratio Lower Upper
168 100
139 37.0 28.9 43.3
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 35.278 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:139 Resp: 159327
Ion Ratio Lower Upper
139 100
109 67.8 48.0 88.0
65 104.1 82.2 122.2

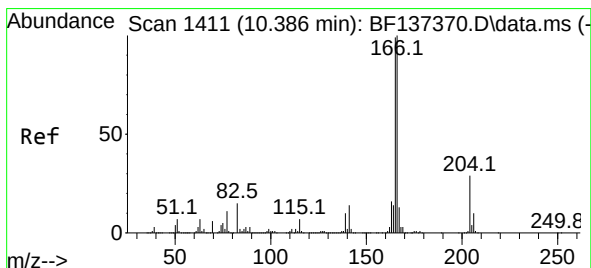
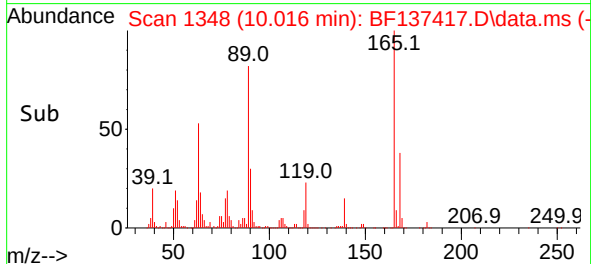
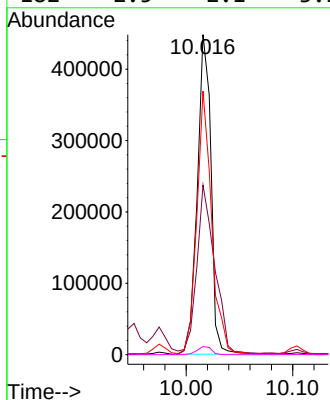
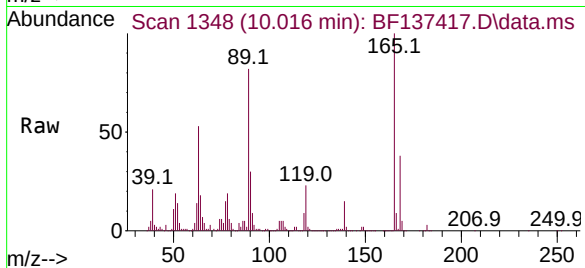




#57
2,4-Dinitrotoluene
Concen: 54.400 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

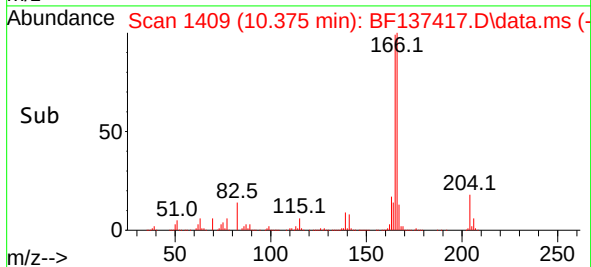
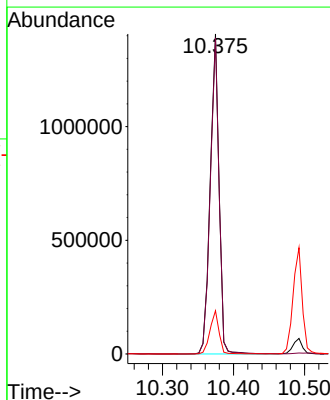
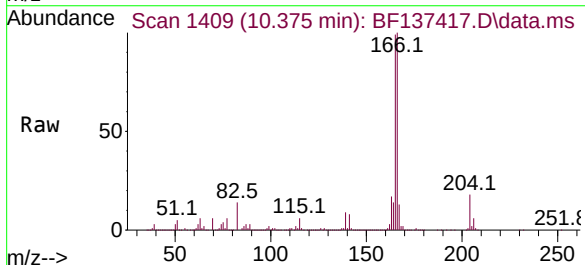
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

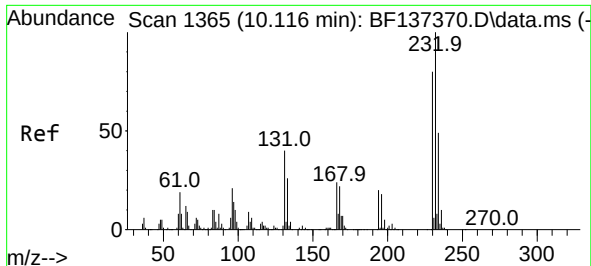
Tgt Ion:165 Resp: 400363
Ion Ratio Lower Upper
165 100
63 53.0 41.1 61.7
89 82.3 66.6 100.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 42.667 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:166 Resp: 1213294
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.734 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

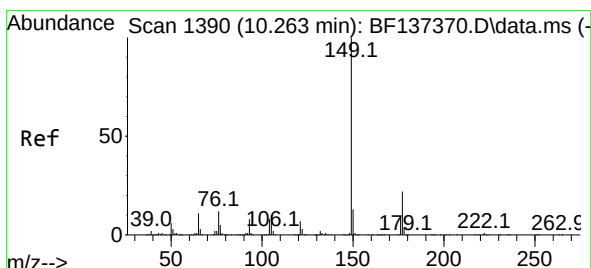
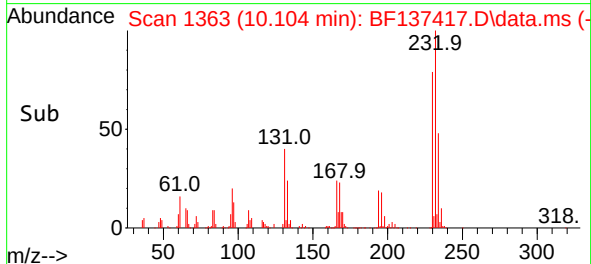
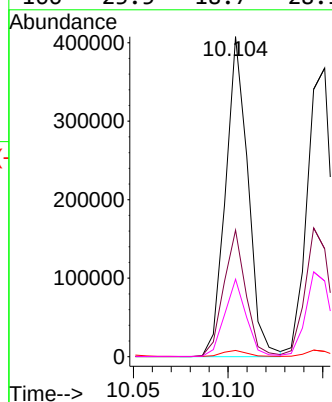
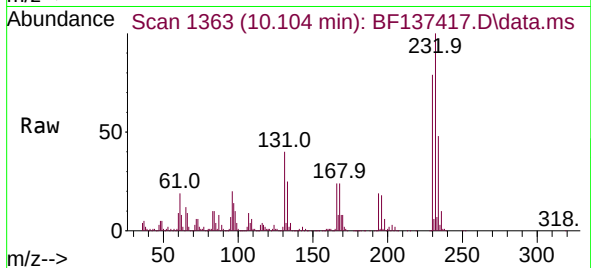
Instrument :

BNA_F

ClientSampleId :

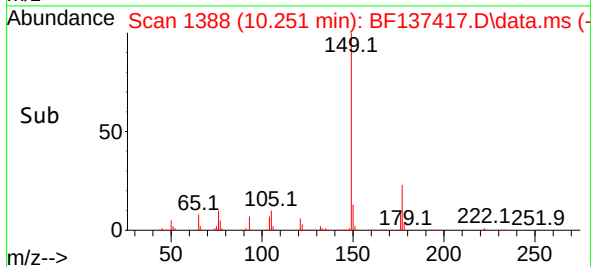
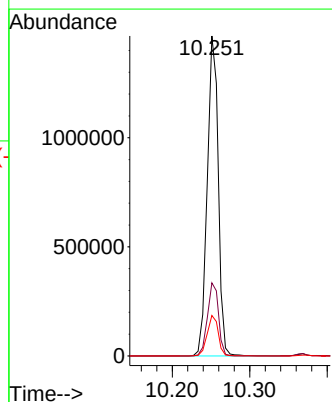
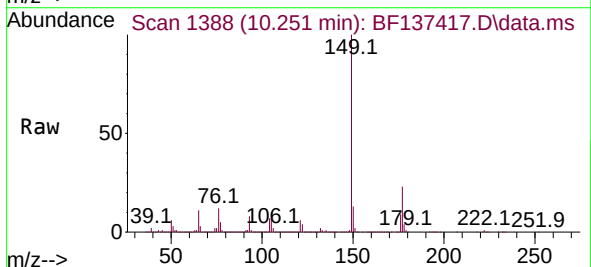
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

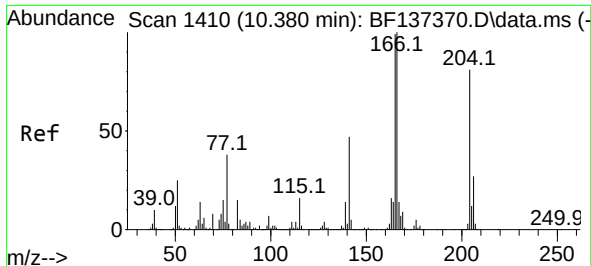
Tgt Ion:232 Resp: 335099
Ion Ratio Lower Upper
232 100
131 39.2 31.1 46.7
130 2.2 1.8 2.6
166 23.5 18.7 28.1



#60
Diethylphthalate
Concen: 49.501 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:149 Resp: 1442279
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.6 10.2 15.2

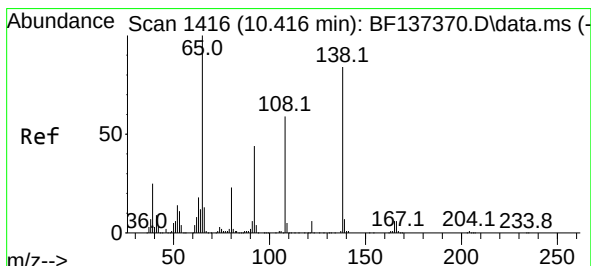
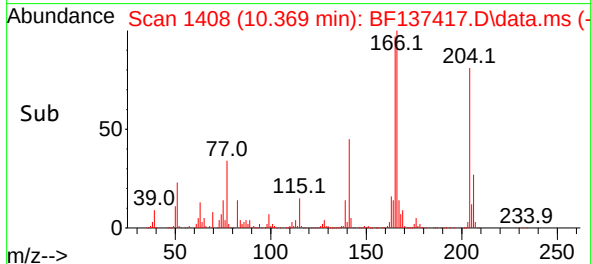
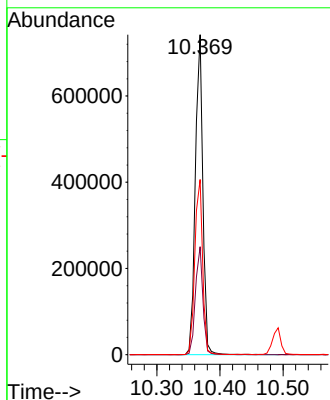
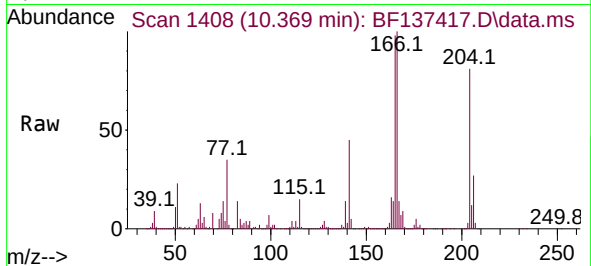




#61
4-Chlorophenyl-phenylether
Concen: 43.624 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

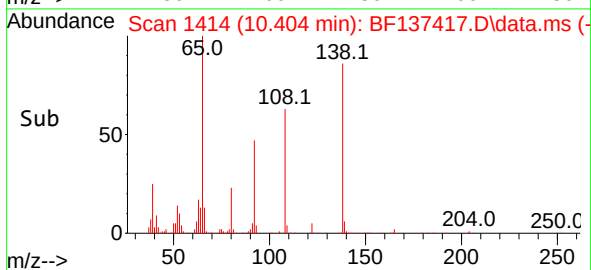
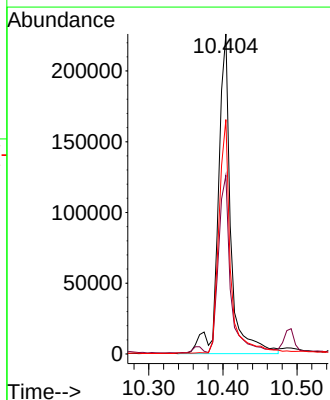
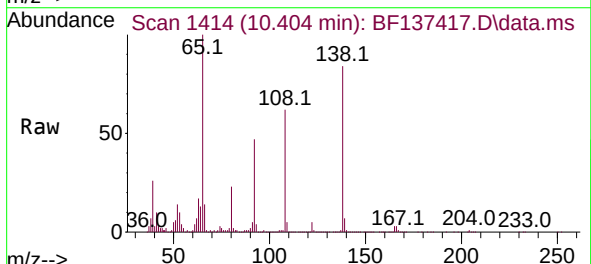
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

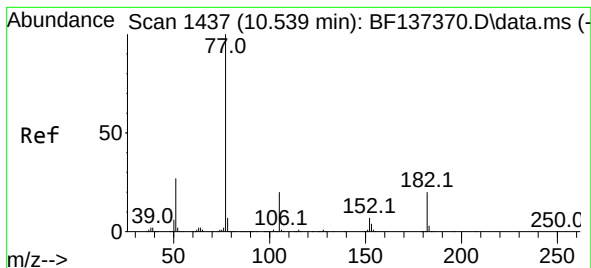
Tgt Ion:204 Resp: 610221
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 54.8 46.4 69.6



#62
4-Nitroaniline
Concen: 43.378 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:138 Resp: 263897
Ion Ratio Lower Upper
138 100
92 55.8 33.4 73.4
108 73.3 50.4 90.4





#63

Azobenzene

Concen: 44.524 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion: 77 Resp: 1552094

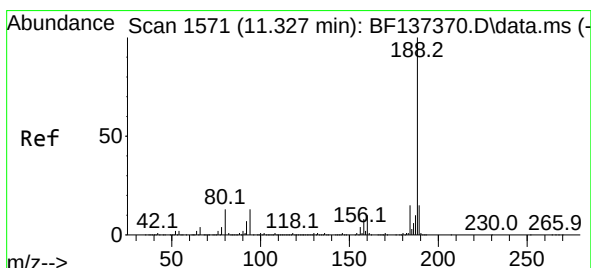
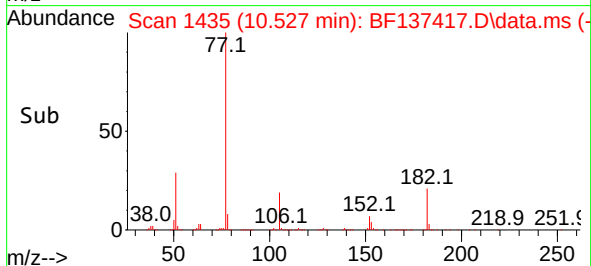
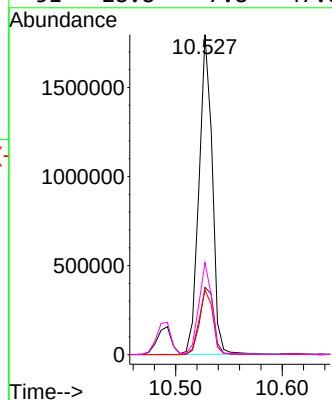
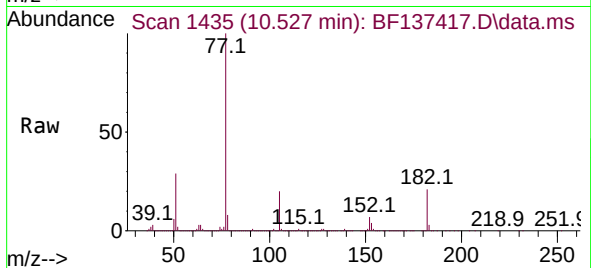
Ion Ratio Lower Upper

77 100

182 21.0 0.0 39.6

105 20.3 0.4 40.4

51 28.8 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

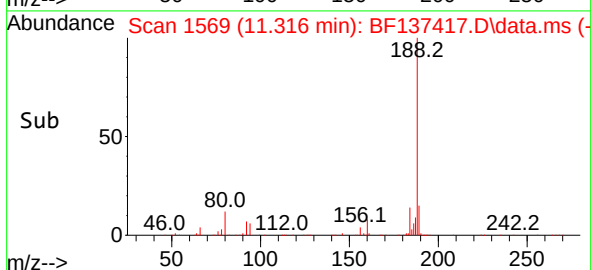
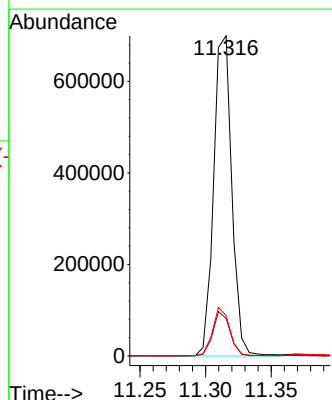
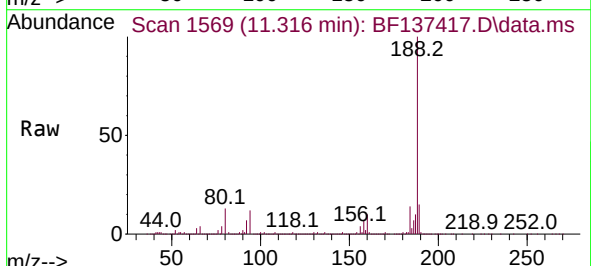
Tgt Ion: 188 Resp: 674824

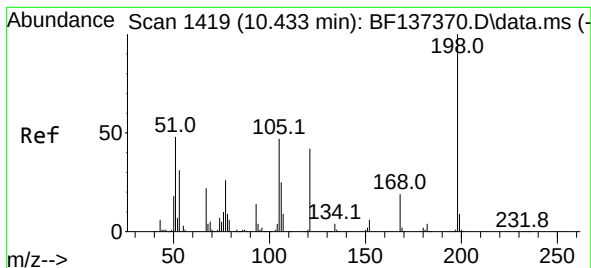
Ion Ratio Lower Upper

188 100

94 11.8 10.2 15.2

80 12.7 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 42.397 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

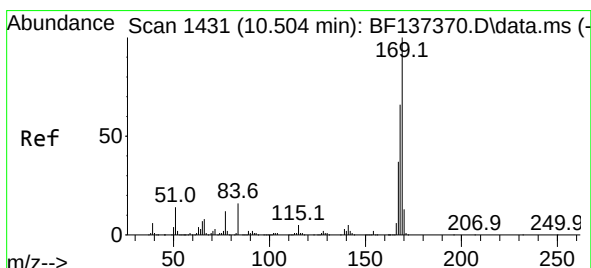
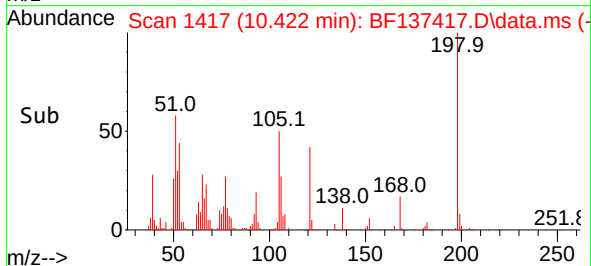
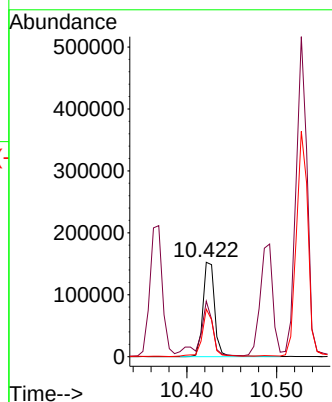
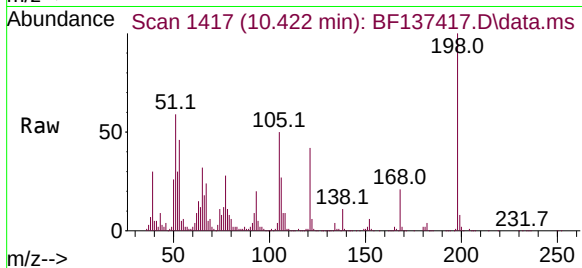
Instrument :

BNA_F

ClientSampleId :

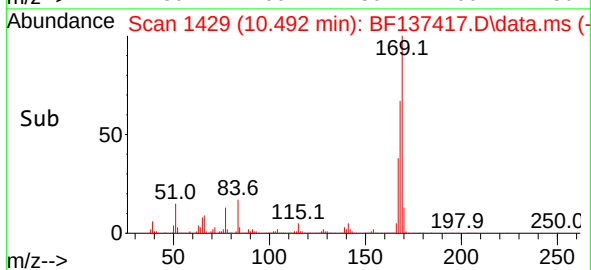
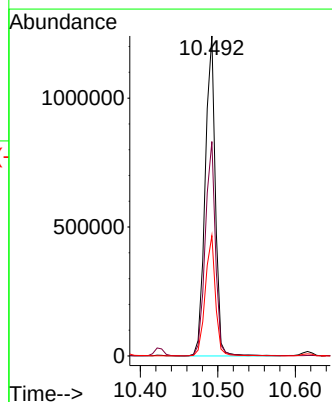
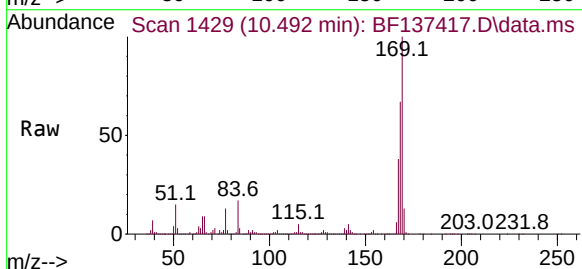
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

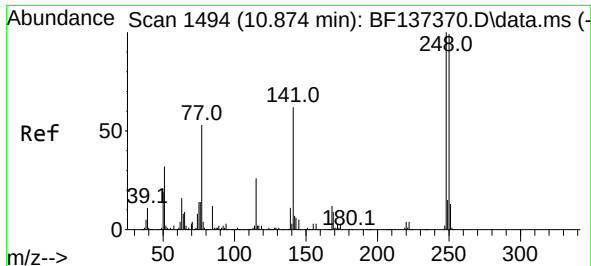
Tgt Ion:198 Resp: 137986
Ion Ratio Lower Upper
198 100
51 58.8 36.8 76.8
105 50.4 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 51.737 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:169 Resp: 1133893
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 37.6 29.2 43.8

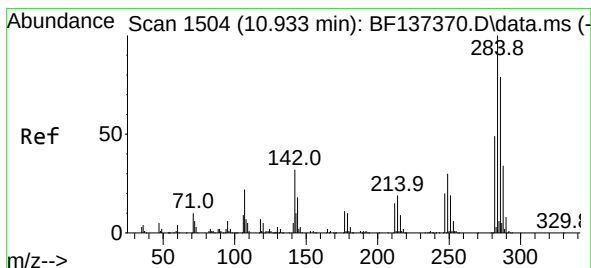
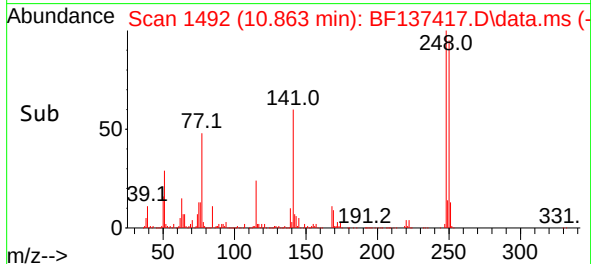
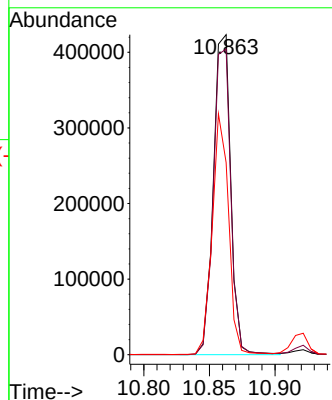
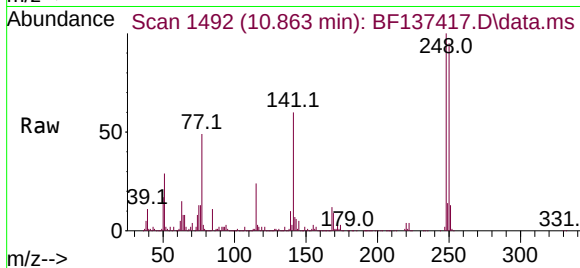




#67
4-Bromophenyl-phenylether
Concen: 53.799 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

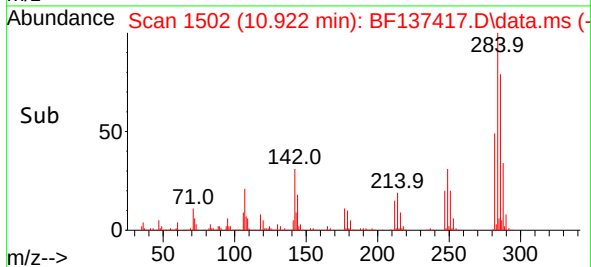
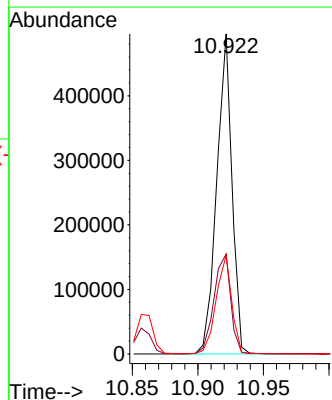
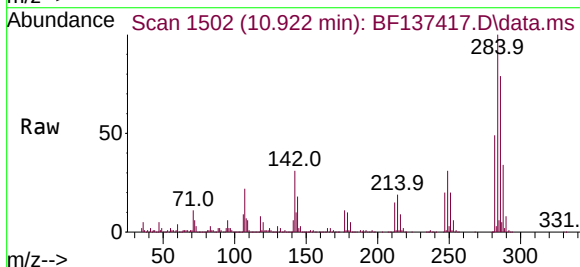
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

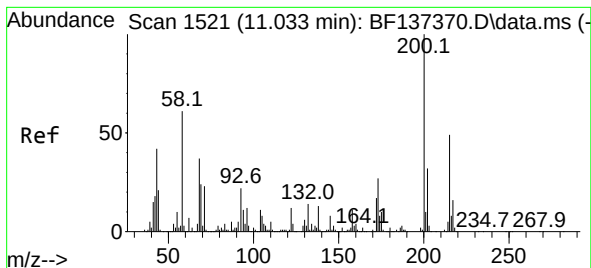
Tgt Ion:248 Resp: 390288
Ion Ratio Lower Upper
248 100
250 95.5 79.0 118.6
141 60.1 49.9 74.9



#68
Hexachlorobenzene
Concen: 53.328 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:284 Resp: 400211
Ion Ratio Lower Upper
284 100
142 31.2 25.4 38.0
249 30.9 24.2 36.4





#69

Atrazine

Concen: 56.559 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

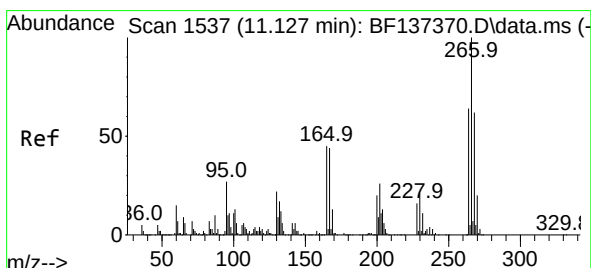
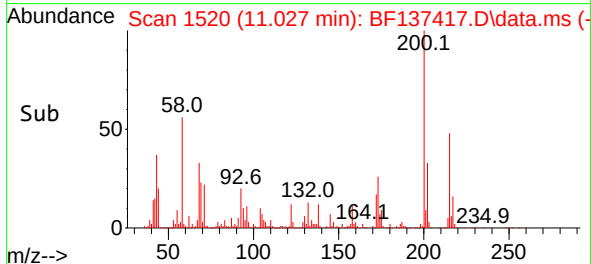
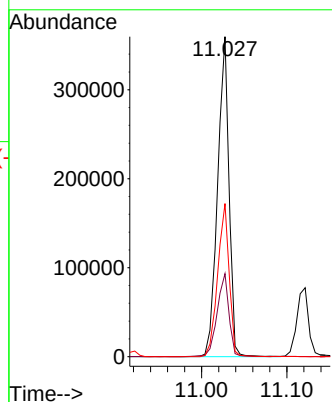
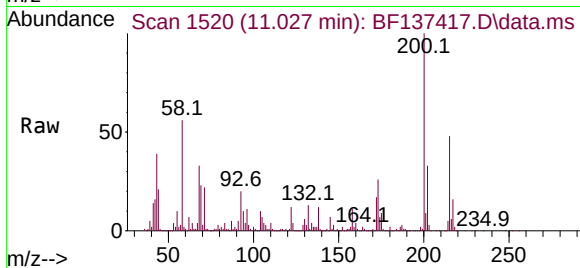
Tgt Ion:200 Resp: 334522

Ion Ratio Lower Upper

200 100

173 25.9 6.8 46.8

215 47.8 29.4 69.4



#70

Pentachlorophenol

Concen: 82.490 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

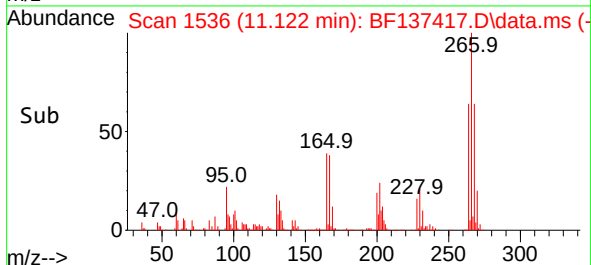
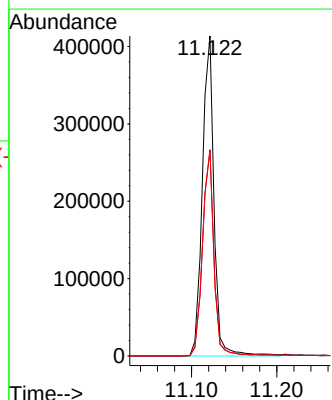
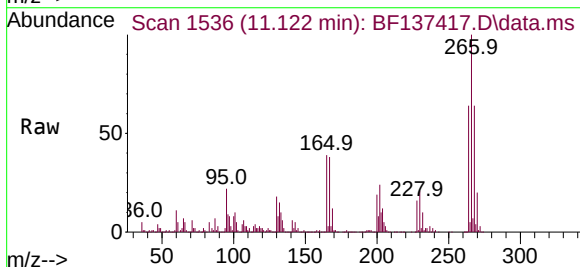
Tgt Ion:266 Resp: 392220

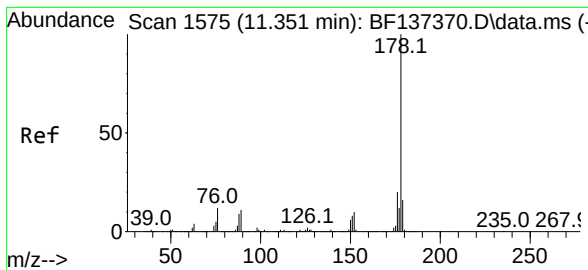
Ion Ratio Lower Upper

266 100

268 64.4 49.4 74.2

264 64.3 51.3 76.9

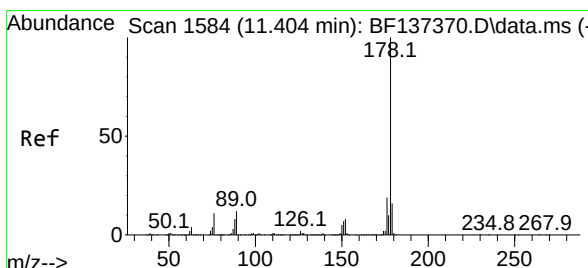
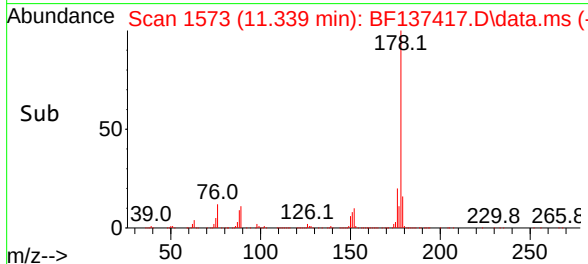
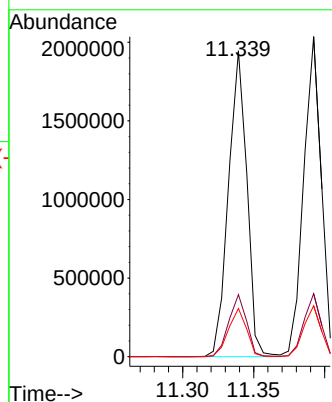
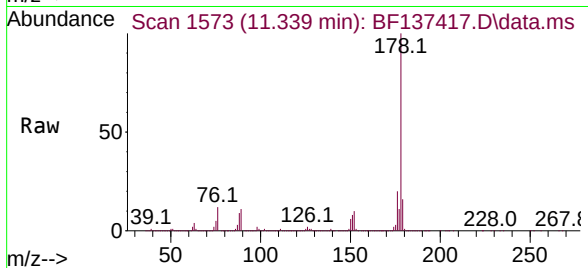




#71
Phenanthrene
Concen: 47.013 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

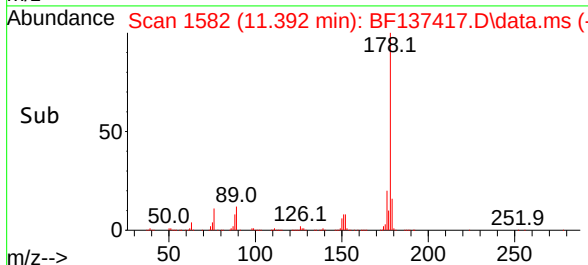
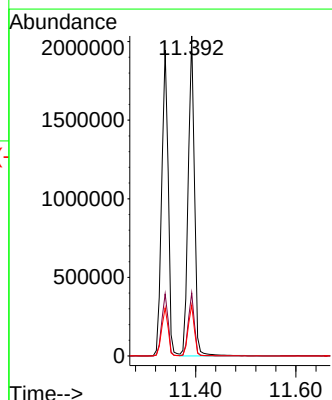
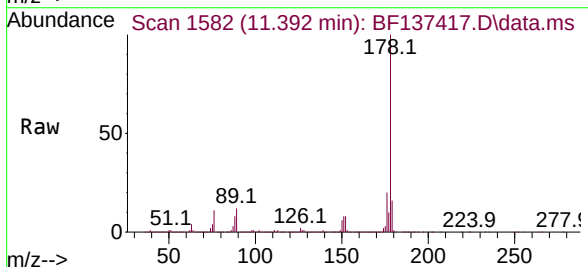
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

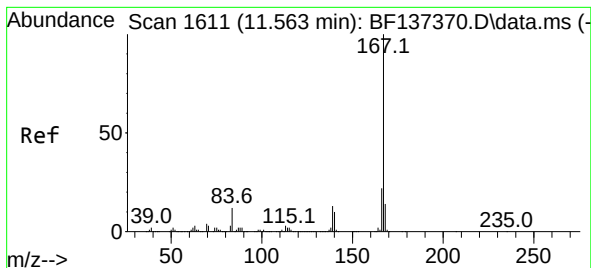
Tgt Ion:178 Resp: 1750325
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.8 12.7 19.1



#72
Anthracene
Concen: 46.560 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:178 Resp: 1786450
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.9 12.6 18.8





#73

Carbazole

Concen: 44.461 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

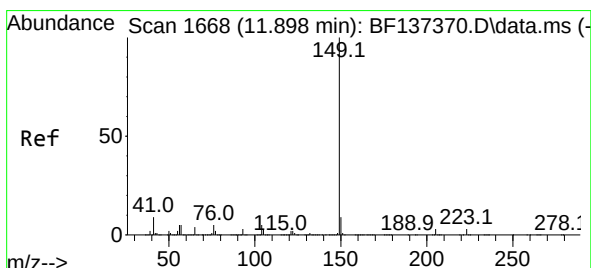
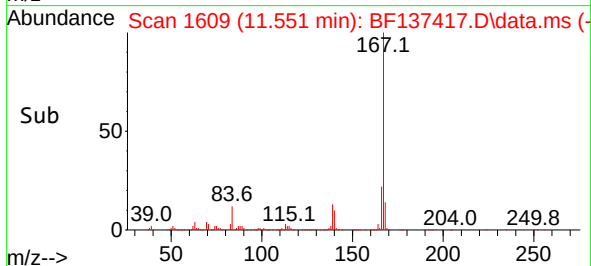
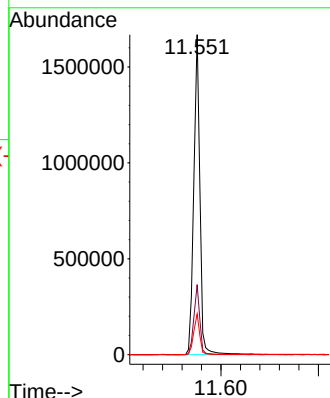
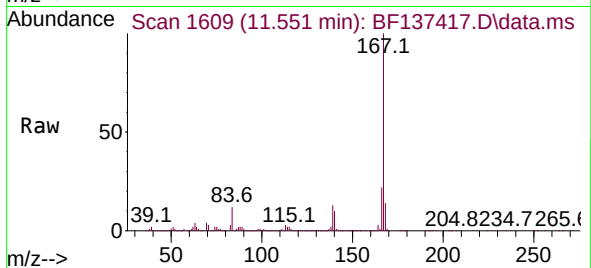
Tgt Ion:167 Resp: 1457535

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

139 12.8 10.0 15.0



#74

Di-n-butylphthalate

Concen: 64.693 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

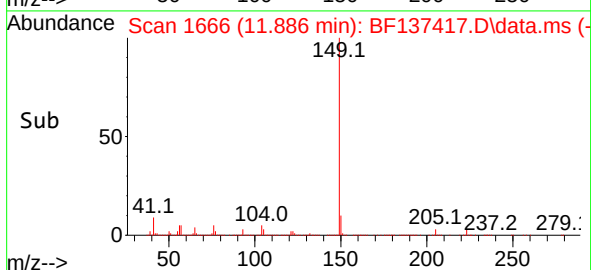
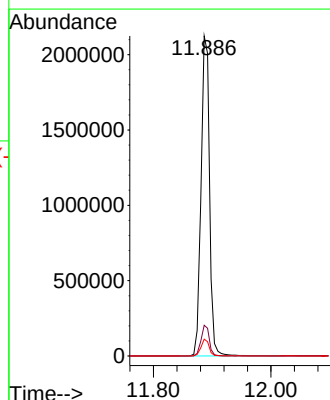
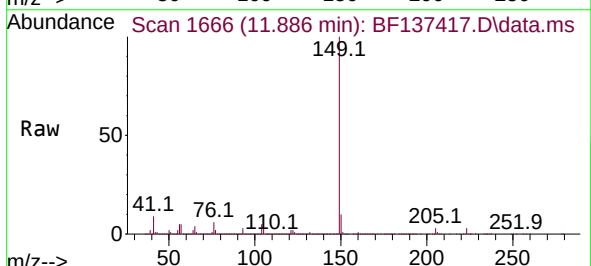
Tgt Ion:149 Resp: 2122036

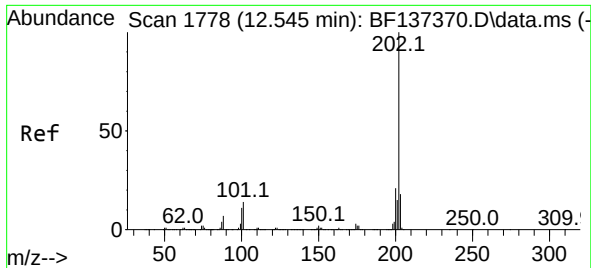
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.2 4.2 6.2

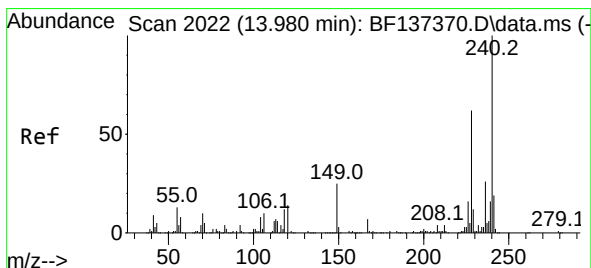
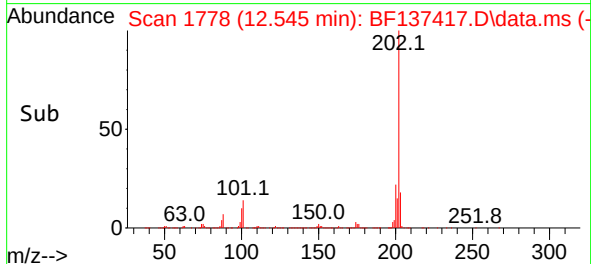
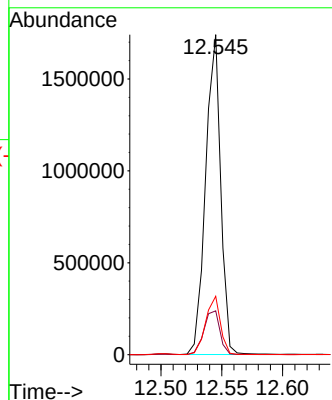
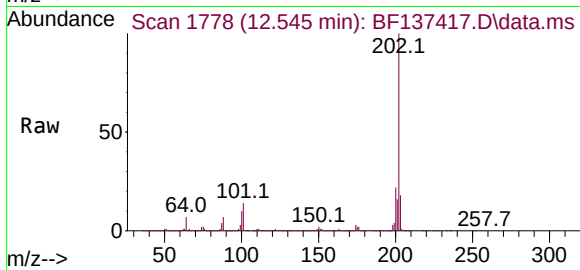




#75
Fluoranthene
Concen: 41.233 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

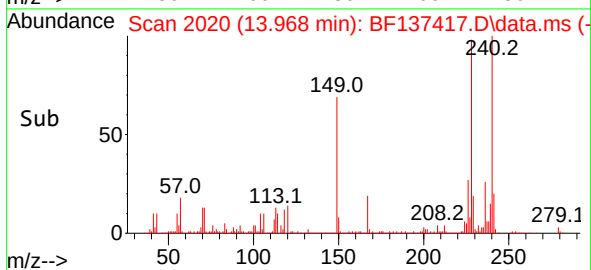
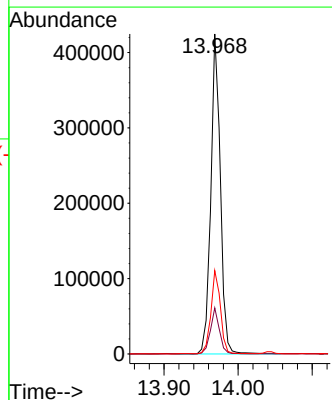
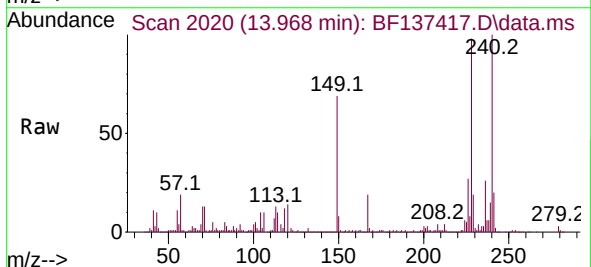
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

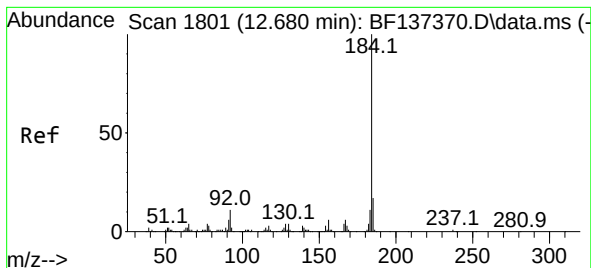
Tgt Ion:202 Resp: 1498508
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.9
203 18.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:240 Resp: 379493
Ion Ratio Lower Upper
240 100
120 14.4 11.3 16.9
236 26.1 20.5 30.7





#77

Benzidine

Concen: 42.935 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

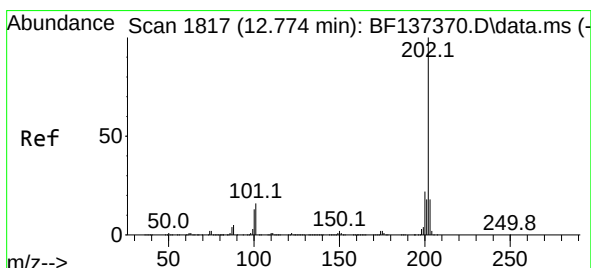
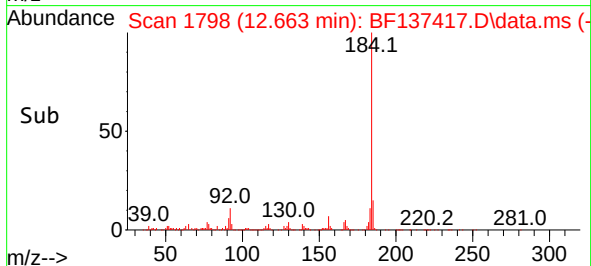
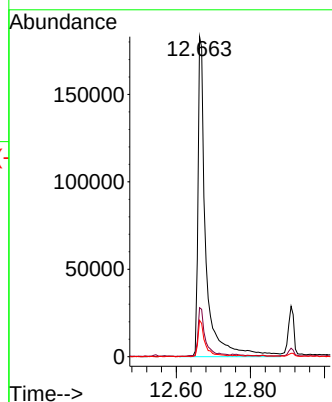
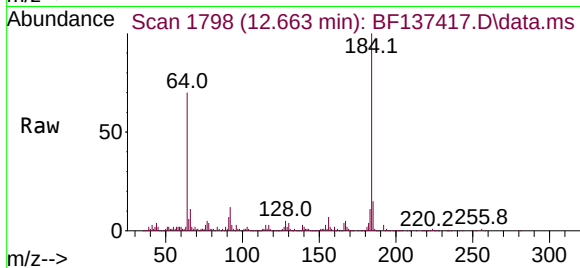
Tgt Ion:184 Resp: 272667

Ion Ratio Lower Upper

184 100

185 15.3 13.7 20.5

183 11.4 8.8 13.2



#78

Pyrene

Concen: 42.774 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

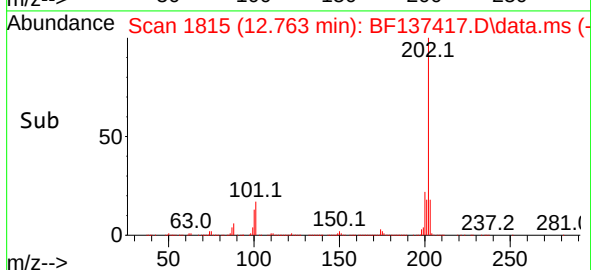
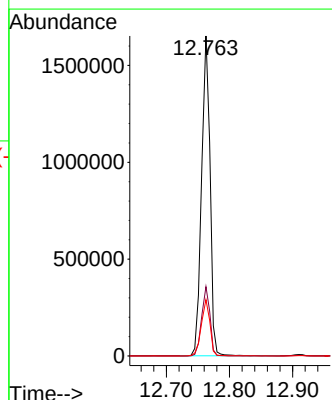
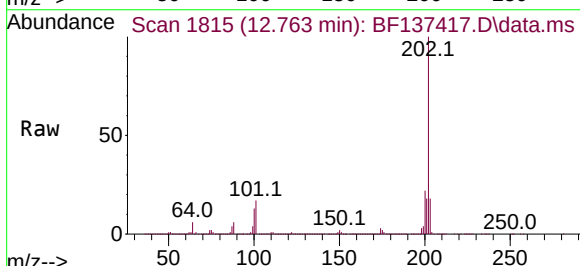
Tgt Ion:202 Resp: 1534886

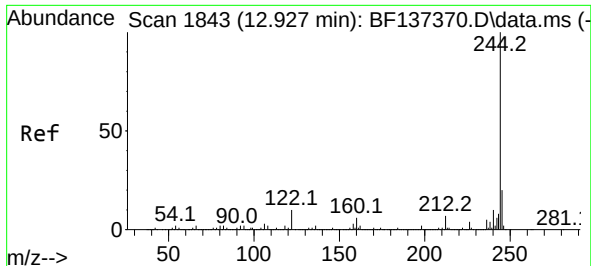
Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

203 17.6 14.2 21.2

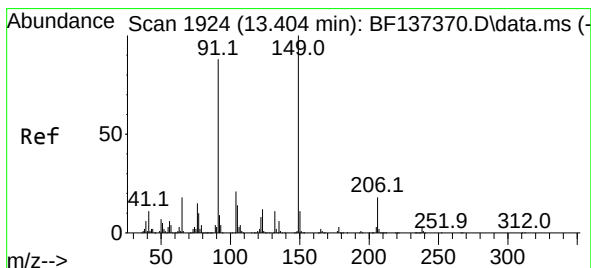
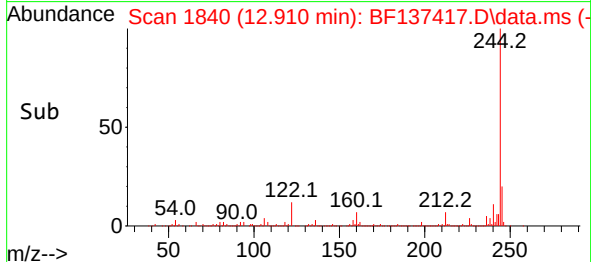
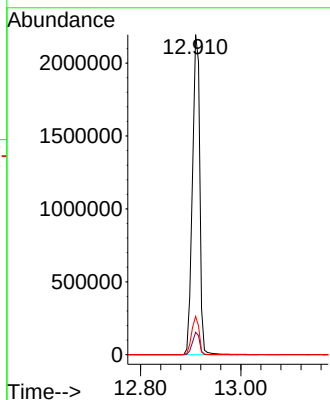
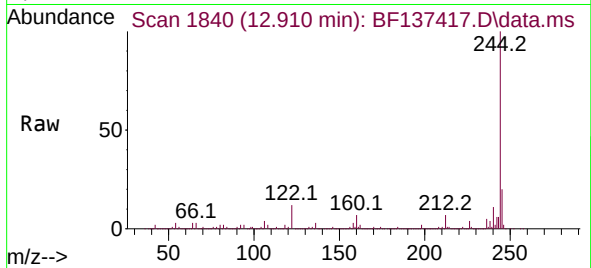




#79
Terphenyl-d14
Concen: 82.079 ng
RT: 12.910 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

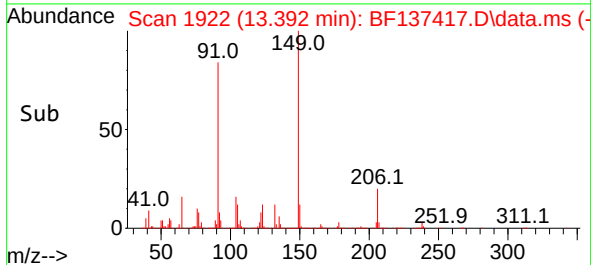
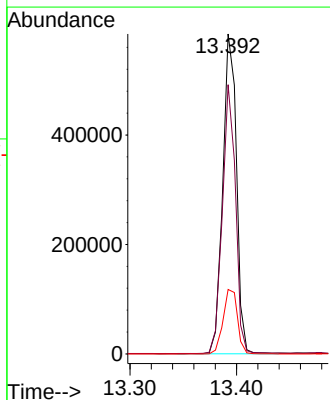
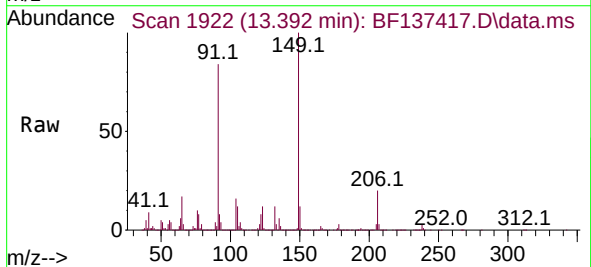
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

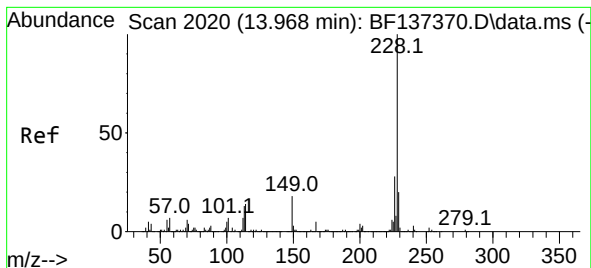
Tgt Ion:244 Resp: 2226974
Ion Ratio Lower Upper
244 100
212 7.0 5.3 7.9
122 11.9 8.2 12.4



#80
Butylbenzylphthalate
Concen: 79.190 ng
RT: 13.392 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:149 Resp: 519814
Ion Ratio Lower Upper
149 100
91 84.1 70.5 105.7
206 20.2 14.8 22.2





#81

Benzo(a)anthracene

Concen: 50.039 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

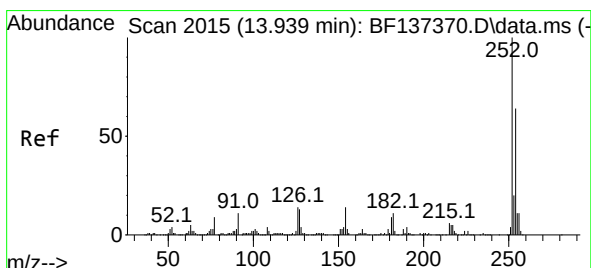
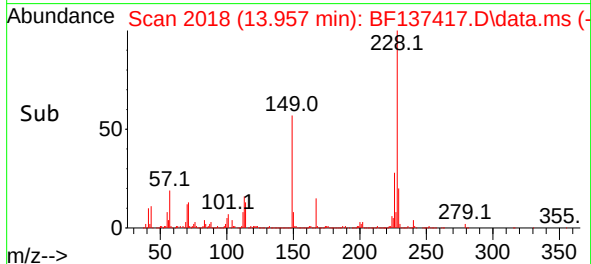
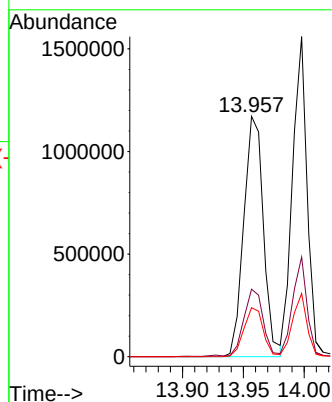
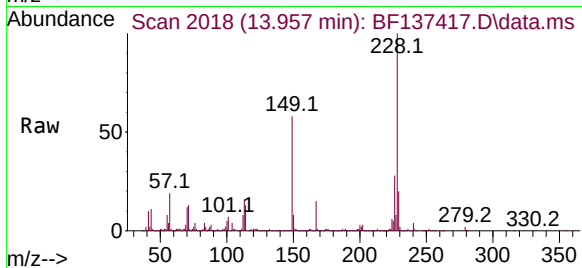
Tgt Ion:228 Resp: 1317706

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

229 20.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 60.935 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

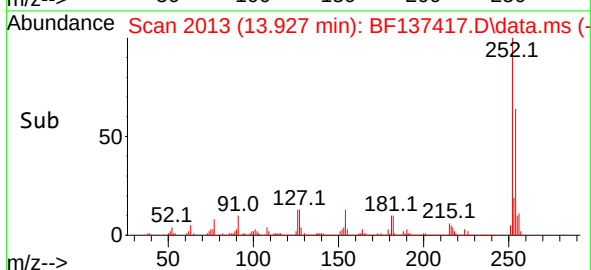
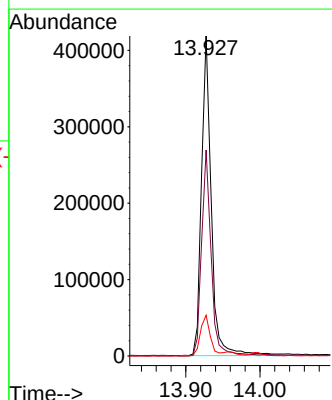
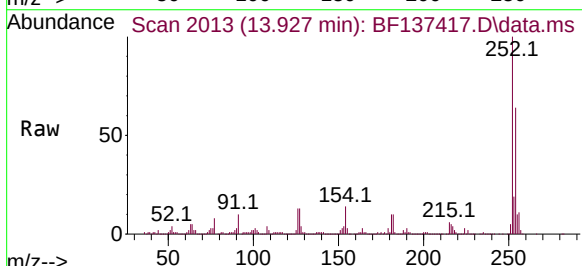
Tgt Ion:252 Resp: 383491

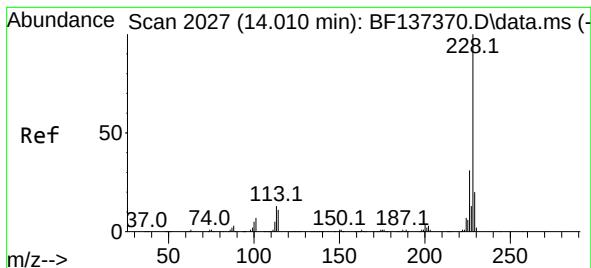
Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

126 12.7 11.1 16.7





#83

Chrysene

Concen: 49.286 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

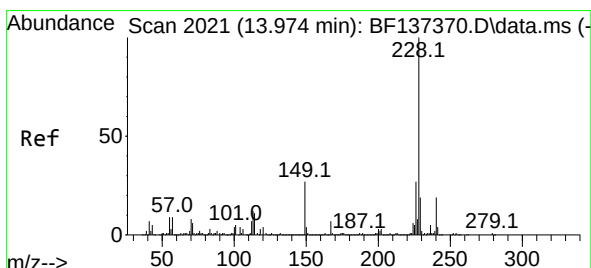
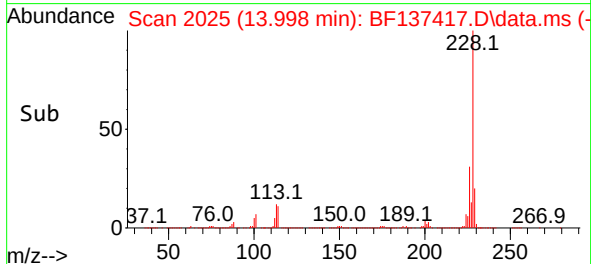
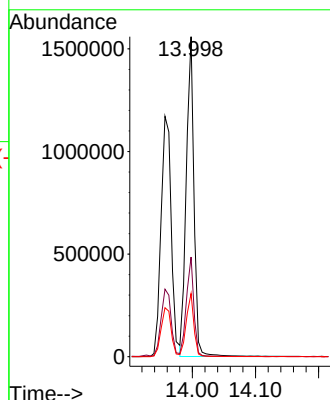
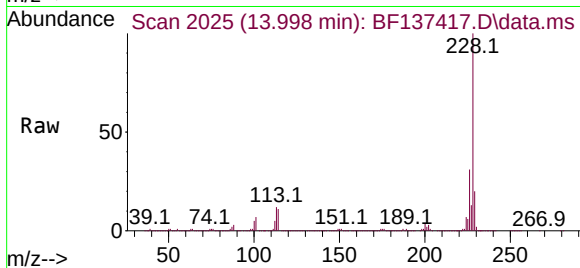
Tgt Ion:228 Resp: 1325836

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 90.930 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.011 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

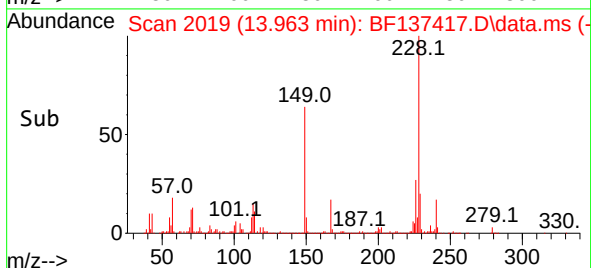
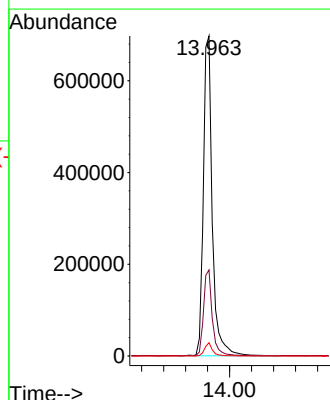
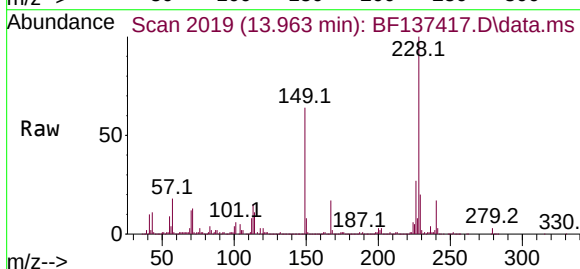
Tgt Ion:149 Resp: 788776

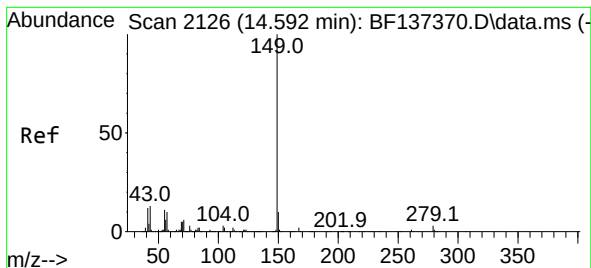
Ion Ratio Lower Upper

149 100

167 26.9 20.6 31.0

279 4.1 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 87.503 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

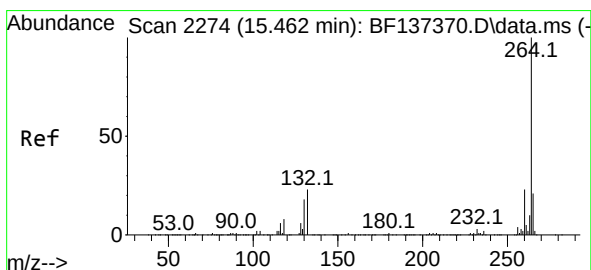
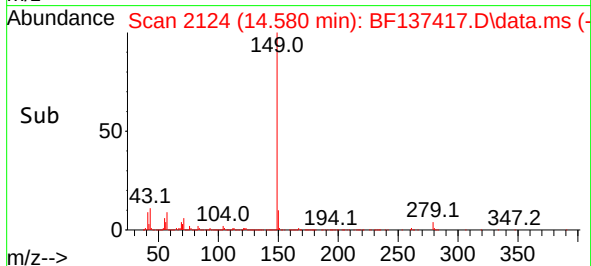
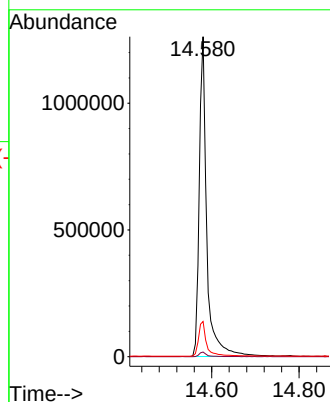
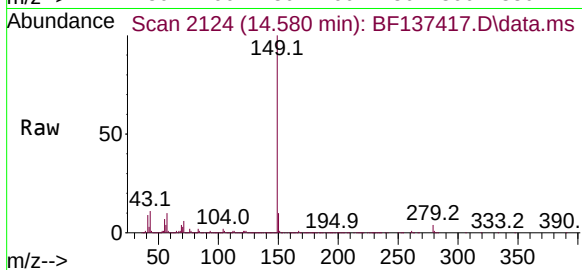
Tgt Ion:149 Resp: 1510769

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

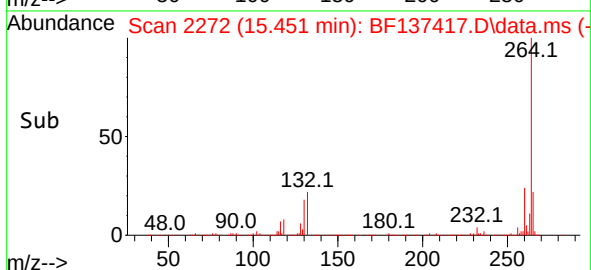
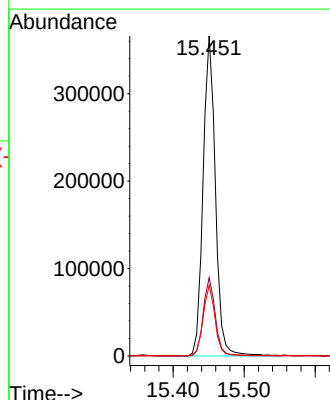
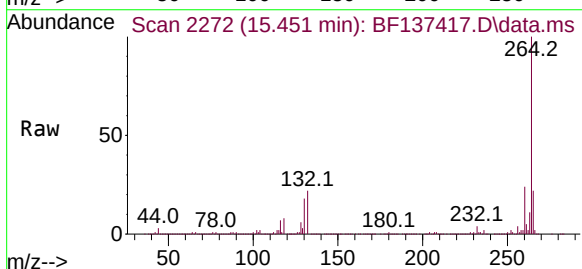
Tgt Ion:264 Resp: 442861

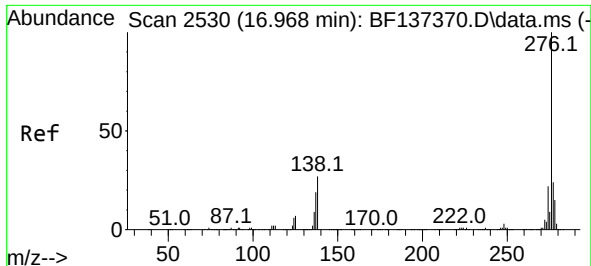
Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

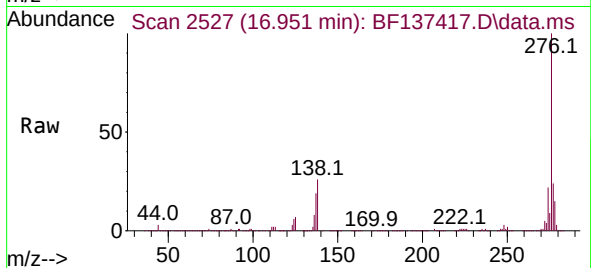
265 22.1 16.9 25.3



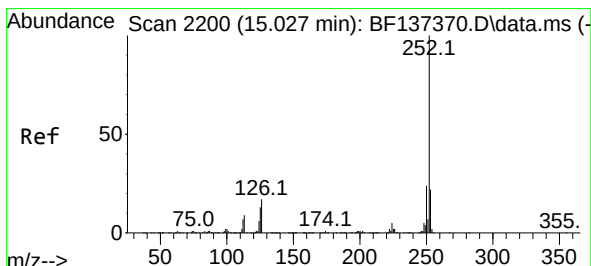
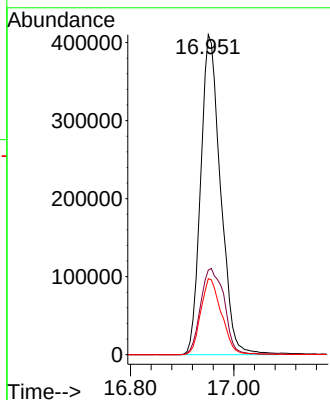
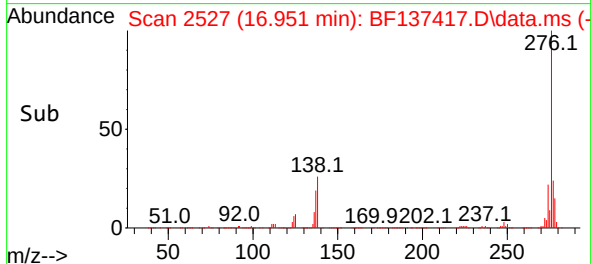


#87
Indeno(1,2,3-cd)pyrene
Concen: 36.169 ng
RT: 16.951 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

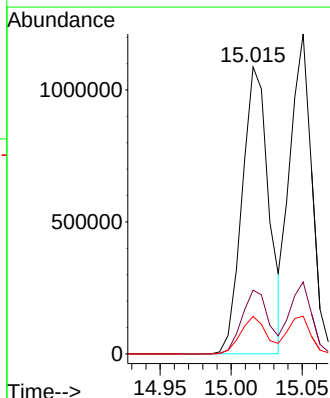
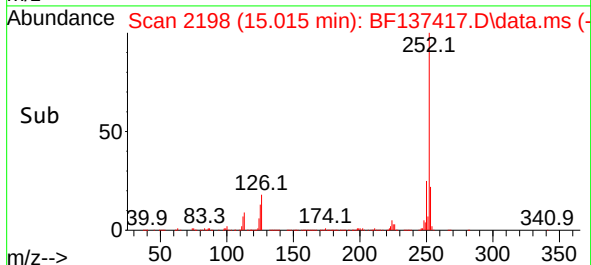
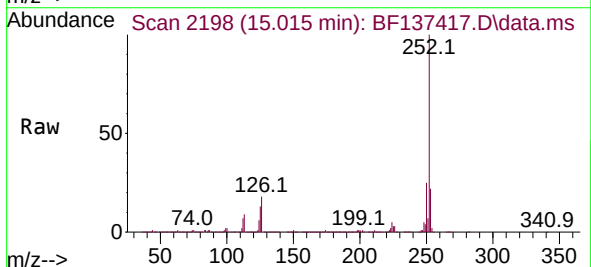


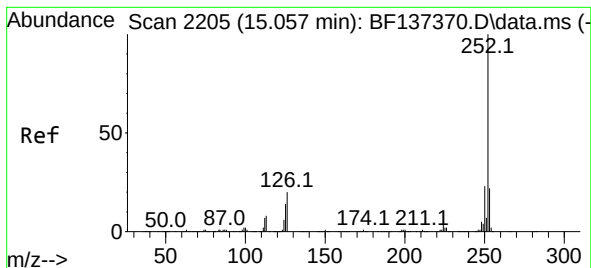
Tgt Ion:276 Resp: 1094404
Ion Ratio Lower Upper
276 100
138 31.8 25.8 38.8
277 24.9 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 52.366 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:252 Resp: 1422653
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.1 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 46.748 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

Instrument :

BNA_F

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

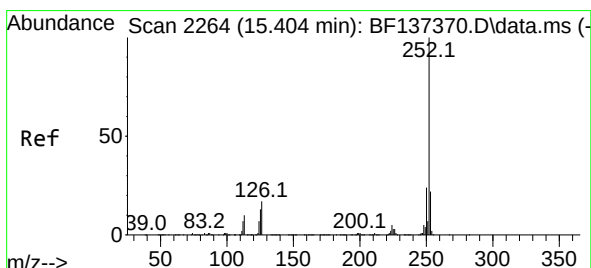
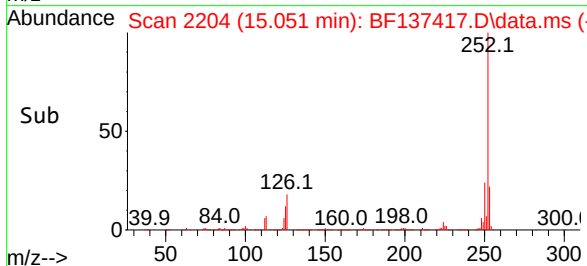
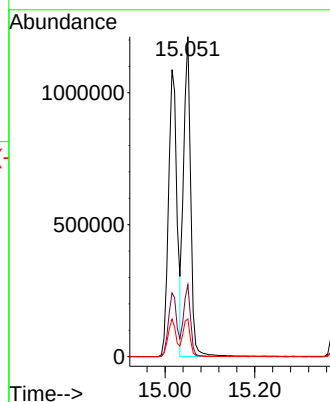
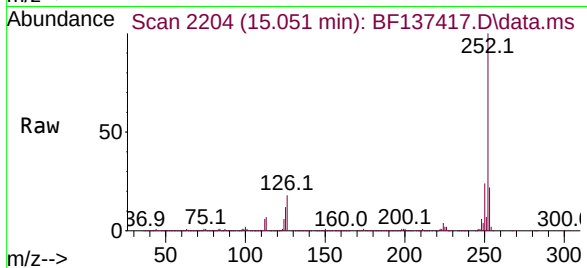
Tgt Ion:252 Resp: 1331114

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 11.8 10.7 16.1



#90

Benzo(a)pyrene

Concen: 48.950 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF137417.D

Acq: 27 Feb 2024 21:11

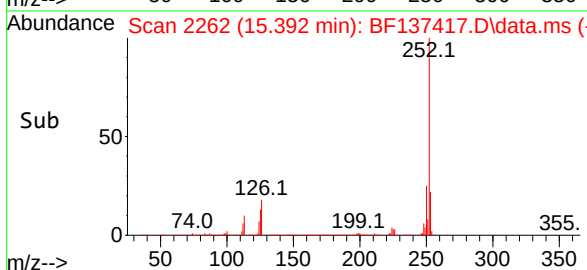
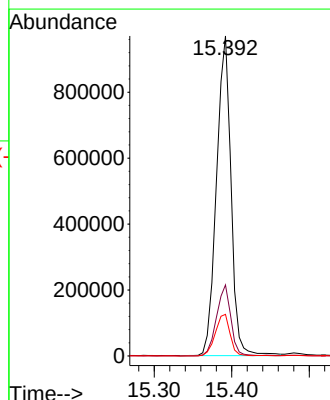
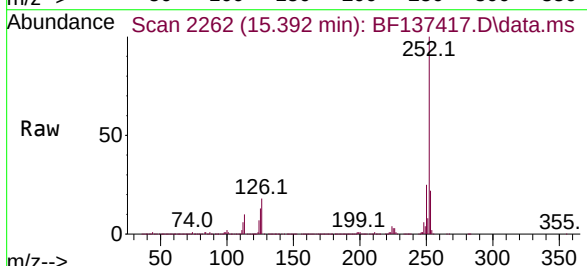
Tgt Ion:252 Resp: 1261389

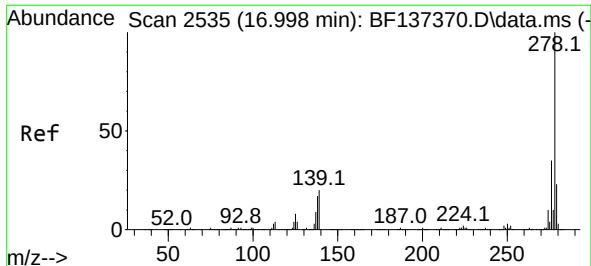
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 13.0 10.6 16.0

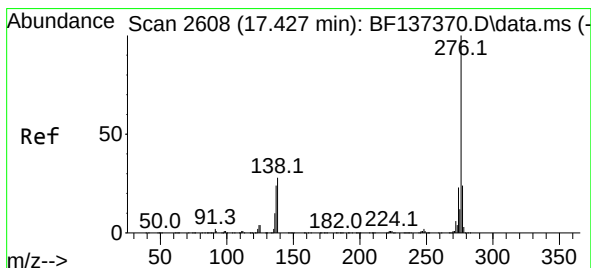
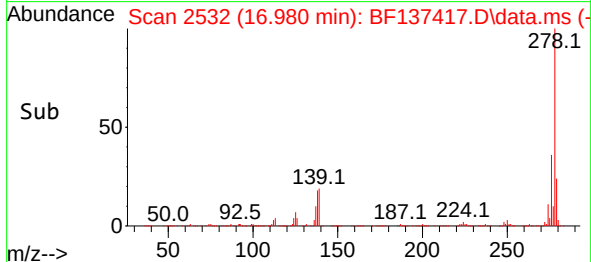
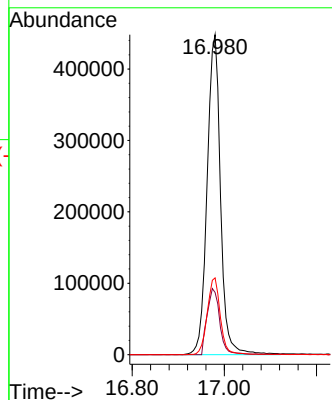
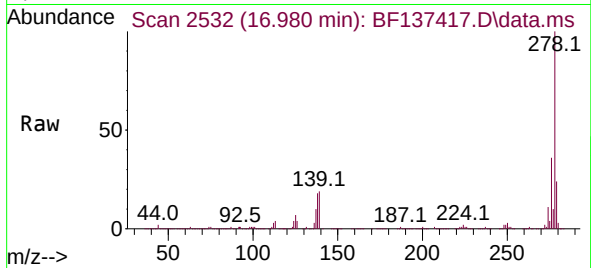




#91
Dibenzo(a,h)anthracene
Concen: 36.588 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Tgt Ion:278 Resp: 909819
Ion Ratio Lower Upper
278 100
139 19.4 16.2 24.4
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 30.755 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.018 min
Lab File: BF137417.D
Acq: 27 Feb 2024 21:11

Tgt Ion:276 Resp: 778683
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 27.2 22.6 33.8

