

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137416.D
 Acq On : 27 Feb 2024 20:41
 Operator : CG\JU
 Sample : P1539-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 28 05:24:20 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	222028	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	851789	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	453827	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	657558	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	389502	20.000	ng	-0.01
86) Perylene-d12	15.451	264	449816	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	874358	60.765	ng	-0.01
7) Phenol-d6	6.422	99	814588	38.484	ng	-0.02
23) Nitrobenzene-d5	7.351	82	1375606	80.626	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	425383	107.639	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2190796	75.155	ng	-0.01
79) Terphenyl-d14	12.910	244	1976110	70.961	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	145840	18.502	ng	98
3) Pyridine	3.328	79	309290	16.697	ng	98
4) n-Nitrosodimethylamine	3.281	42	143184	21.983	ng	# 98
6) Aniline	6.451	93	603405	24.039	ng	98
8) 2-Chlorophenol	6.569	128	536468	34.761	ng	99
9) Benzaldehyde	6.340	77	104605	10.265	ng	98
10) Phenol	6.434	94	357981	15.453	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	632571	37.579	ng	97
12) 1,3-Dichlorobenzene	6.722	146	551977	33.305	ng	98
13) 1,4-Dichlorobenzene	6.798	146	570814	33.452	ng	99
14) 1,2-Dichlorobenzene	6.951	146	546392	34.618	ng	99
15) Benzyl Alcohol	6.928	79	439363	34.822	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1041151	37.212	ng	99
17) 2-Methylphenol	7.045	107	388126	26.580	ng	97
18) Hexachloroethane	7.293	117	175778	29.894	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	501891	38.479	ng	98
20) 3+4-Methylphenols	7.198	107	424909	25.530	ng	95
22) Acetophenone	7.193	105	854969	41.393	ng	# 94
24) Nitrobenzene	7.369	77	713487	41.155	ng	99
25) Isophorone	7.604	82	1437371	40.738	ng	99
26) 2-Nitrophenol	7.681	139	305747	46.265	ng	95
27) 2,4-Dimethylphenol	7.722	122	446935	34.443	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	828065	40.718	ng	99
29) 2,4-Dichlorophenol	7.922	162	504931	41.518	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	487832	37.370	ng	100
31) Naphthalene	8.087	128	1702196	37.238	ng	100
32) Benzoic acid	7.840	122	132120	21.181	ng	93
33) 4-Chloroaniline	8.140	127	365552	21.026	ng	95
34) Hexachlorobutadiene	8.198	225	268863	34.670	ng	99
35) Caprolactam	8.522	113	36850	9.798	ng	95
36) 4-Chloro-3-methylphenol	8.622	107	520772	37.770	ng	97
37) 2-Methylnaphthalene	8.775	142	1074501	36.479	ng	99
38) 1-Methylnaphthalene	8.875	142	1014066	36.413	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	523025	41.843	ng	98
41) Hexachlorocyclopentadiene	8.928	237	19729	3.481	ng	95
43) 2,4,6-Trichlorophenol	9.057	196	369059	45.537	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137416.D
 Acq On : 27 Feb 2024 20:41
 Operator : CG\JU
 Sample : P1539-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

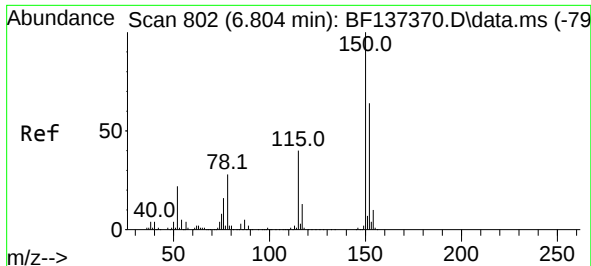
Quant Time: Feb 28 05:24:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	368311	39.612	ng	99
46) 1,1'-Biphenyl	9.245	154	1381626	41.799	ng	98
47) 2-Chloronaphthalene	9.269	162	1074055	43.028	ng	98
48) 2-Nitroaniline	9.369	65	370990	48.851	ng	97
49) Acenaphthylene	9.681	152	1729358	42.641	ng	99
50) Dimethylphthalate	9.551	163	1366252	43.568	ng	99
51) 2,6-Dinitrotoluene	9.610	165	286033	49.029	ng	# 86
52) Acenaphthene	9.857	154	969830	40.060	ng	99
53) 3-Nitroaniline	9.781	138	183069	28.472	ng	97
54) 2,4-Dinitrophenol	9.886	184	143178	52.630	ng	97
55) Dibenzofuran	10.028	168	1485414	39.699	ng	98
56) 4-Nitrophenol	9.945	139	135529	30.606	ng	92
57) 2,4-Dinitrotoluene	10.016	165	345840	46.913	ng	96
58) Fluorene	10.375	166	1108086	38.778	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	300086	38.974	ng	93
60) Diethylphthalate	10.251	149	1292459	44.144	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	559082	39.774	ng	96
62) 4-Nitroaniline	10.398	138	226431	37.292	ng	97
63) Azobenzene	10.528	77	1392881	39.763	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	117004	37.479	ng	95
66) n-Nitrosodiphenylamine	10.486	169	1008923	47.244	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	341213	48.269	ng	# 92
68) Hexachlorobenzene	10.916	284	355451	48.608	ng	92
69) Atrazine	11.022	200	295997	51.360	ng	98
70) Pentachlorophenol	11.116	266	342052	73.827	ng	99
71) Phenanthrene	11.339	178	1547723	42.662	ng	100
72) Anthracene	11.392	178	1587653	42.465	ng	99
73) Carbazole	11.551	167	1279887	40.067	ng	99
74) Di-n-butylphthalate	11.886	149	1861590	58.243	ng	100
75) Fluoranthene	12.539	202	1346697	38.029	ng	98
77) Benzidine	12.663	184	244614	38.401	ng	99
78) Pyrene	12.763	202	1368959	37.169	ng	100
80) Butylbenzylphthalate	13.392	149	449160	70.478	ng	95
81) Benzo(a)anthracene	13.957	228	1207221	44.665	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	342549	53.684	ng	98
83) Chrysene	13.998	228	1217205	44.085	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	686600	80.929	ng	99
85) Di-n-octyl phthalate	14.580	149	1334145	80.004	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.951	276	979918	32.106	ng	99
88) Benzo(b)fluoranthene	15.021	252	1316541	47.711	ng	98
89) Benzo(k)fluoranthene	15.051	252	1215241	42.019	ng	98
90) Benzo(a)pyrene	15.392	252	1146334	43.797	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	818891	32.596	ng	99
92) Benzo(g,h,i)perylene	17.404	276	703046	27.568	ng	99

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

Quant Time: Feb 28 05:24:20 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

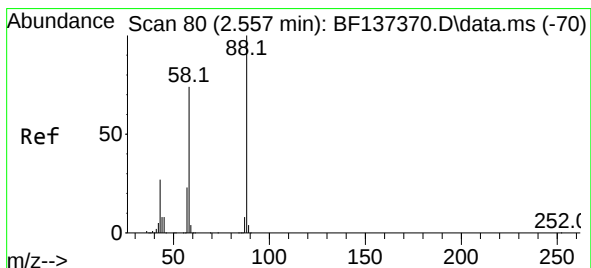
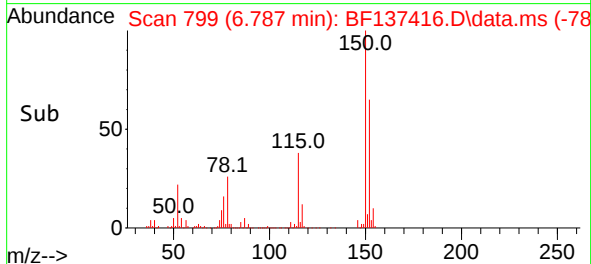
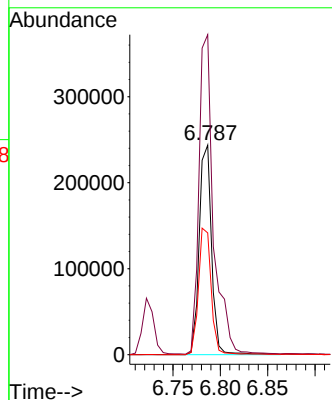
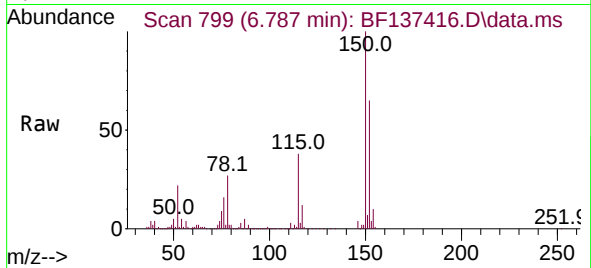




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF137416.D
 Acq: 27 Feb 2024 20:41

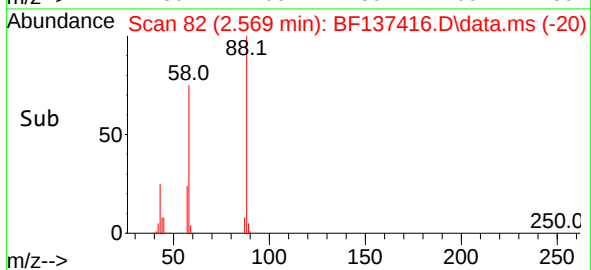
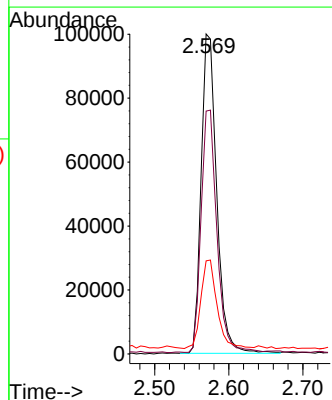
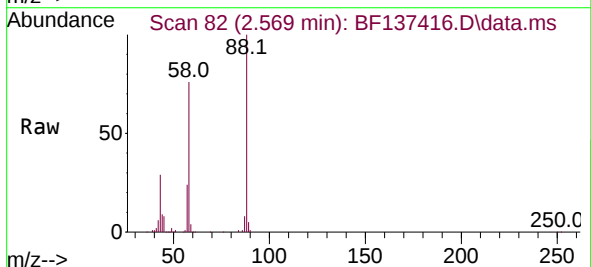
Instrument :
 BNA_F
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

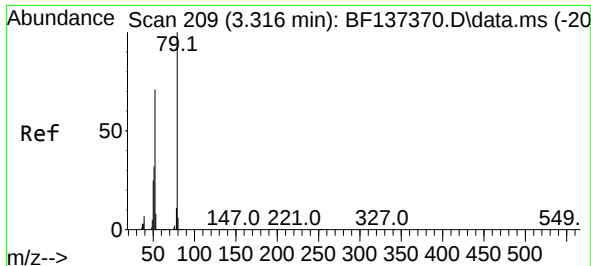
Tgt Ion:152 Resp: 222028
 Ion Ratio Lower Upper
 152 100
 150 152.7 125.7 188.5
 115 58.1 49.8 74.8



#2
 1,4-Dioxane
 Concen: 18.502 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.012 min
 Lab File: BF137416.D
 Acq: 27 Feb 2024 20:41

Tgt Ion: 88 Resp: 145840
 Ion Ratio Lower Upper
 88 100
 58 76.9 60.6 91.0
 43 29.0 22.0 33.0

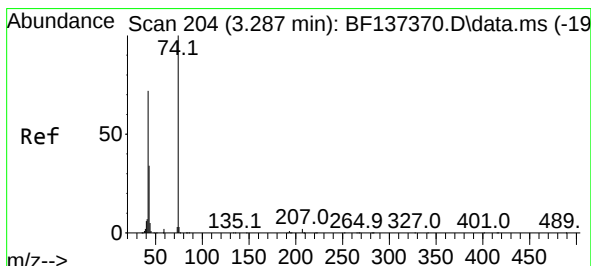
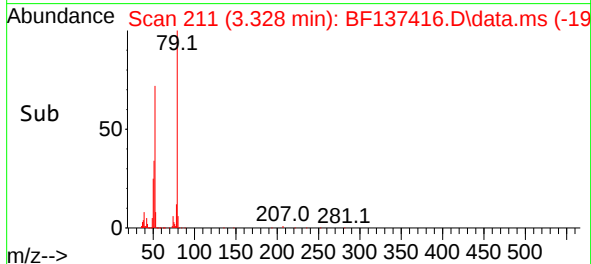
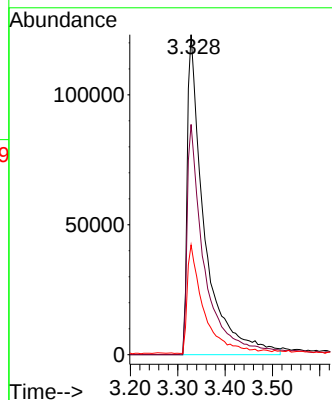
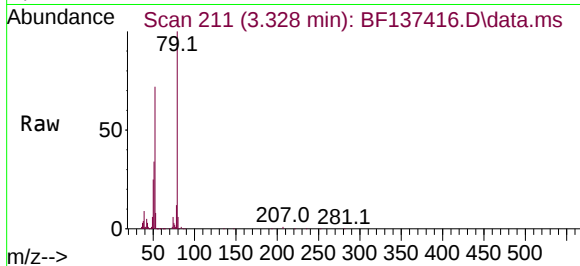




#3
 Pyridine
 Concen: 16.697 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.012 min
 Lab File: BF137416.D
 Acq: 27 Feb 2024 20:41

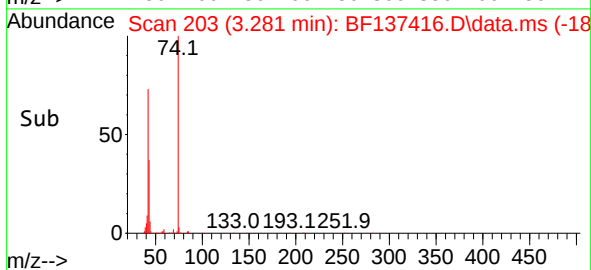
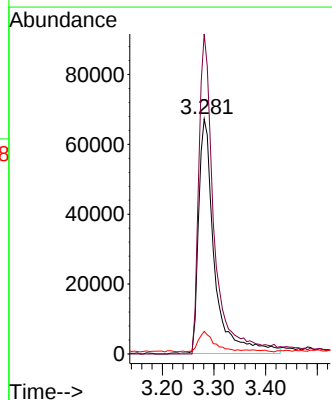
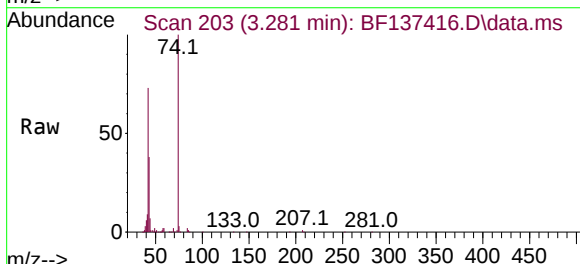
Instrument :
 BNA_F
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

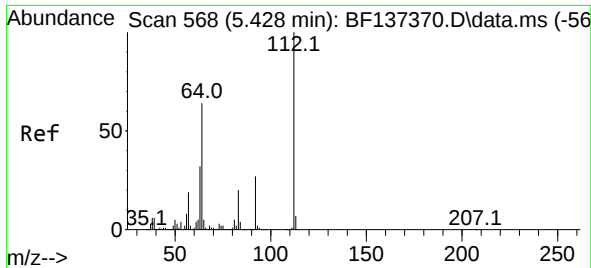
Tgt Ion: 79 Resp: 309290
 Ion Ratio Lower Upper
 79 100
 52 72.0 56.5 84.7
 51 34.3 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 21.983 ng
 RT: 3.281 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: BF137416.D
 Acq: 27 Feb 2024 20:41

Tgt Ion: 42 Resp: 143184
 Ion Ratio Lower Upper
 42 100
 74 136.2 110.8 166.2
 44 9.6 6.0 9.0#

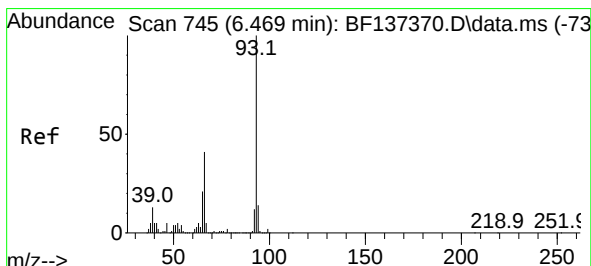
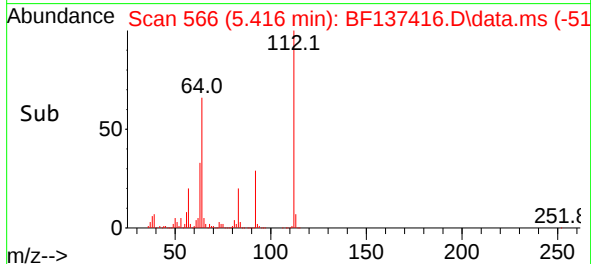
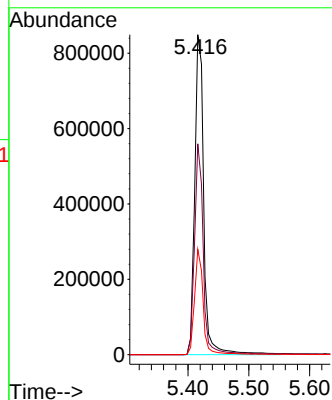
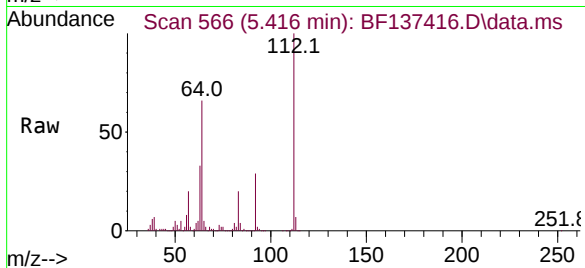




#5
2-Fluorophenol
Concen: 60.765 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

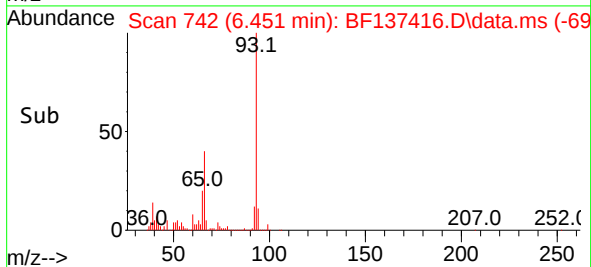
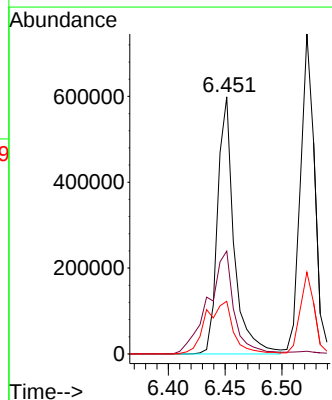
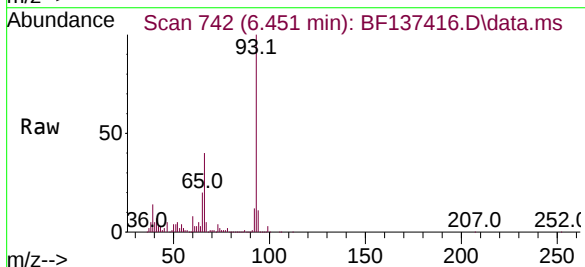
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

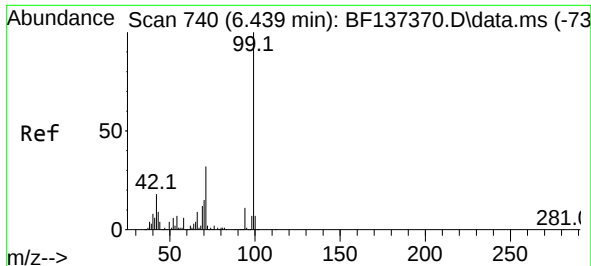
Tgt Ion:112 Resp: 874358
Ion Ratio Lower Upper
112 100
64 65.9 51.0 76.6
63 32.9 25.7 38.5



#6
Aniline
Concen: 24.039 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion: 93 Resp: 603405
Ion Ratio Lower Upper
93 100
66 40.0 33.0 49.4
65 20.4 17.0 25.6

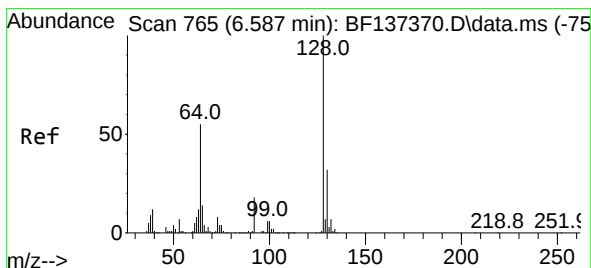
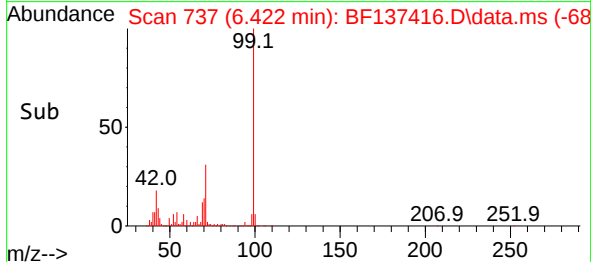
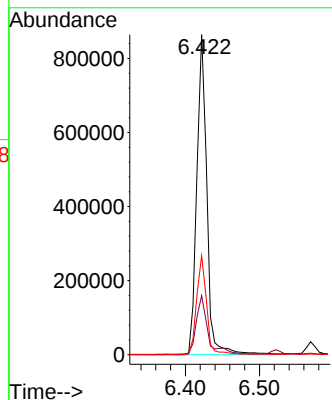
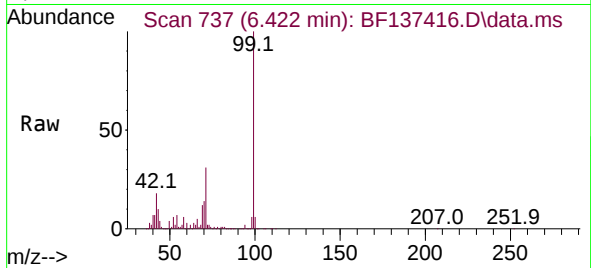




#7
Phenol-d6
Concen: 38.484 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

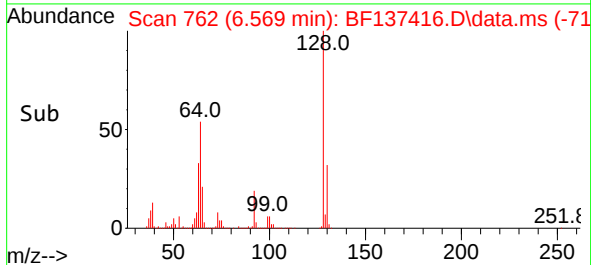
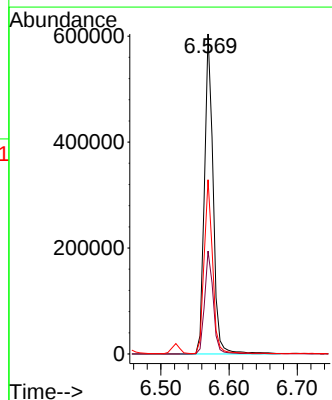
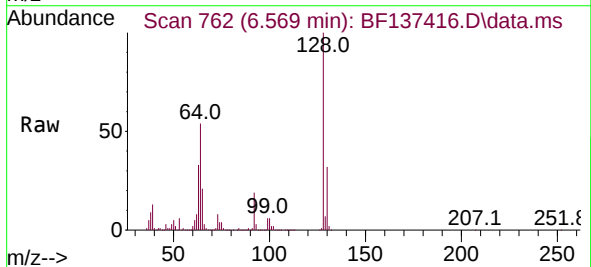
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

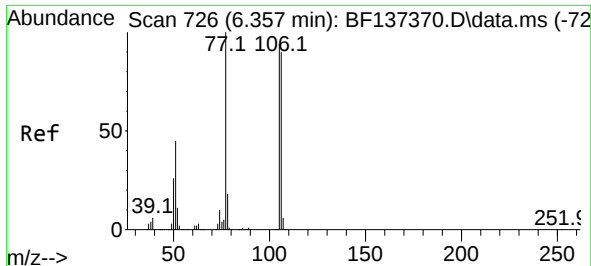
Tgt Ion: 99 Resp: 814588
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 30.9 25.2 37.8



#8
2-Chlorophenol
Concen: 34.761 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion: 128 Resp: 536468
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 54.4 35.3 75.3

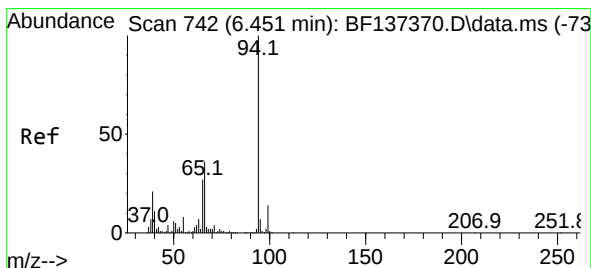
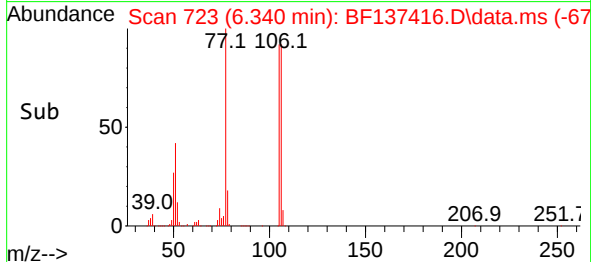
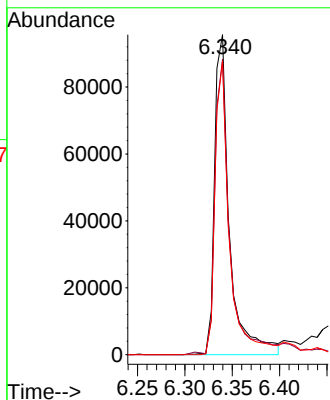
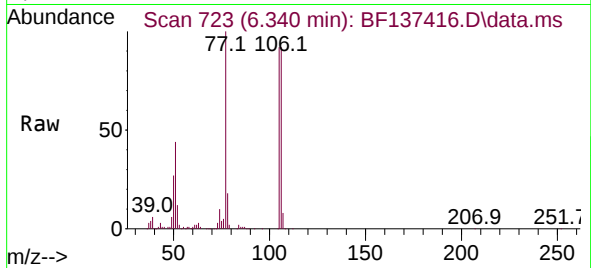




#9
Benzaldehyde
Concen: 10.265 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

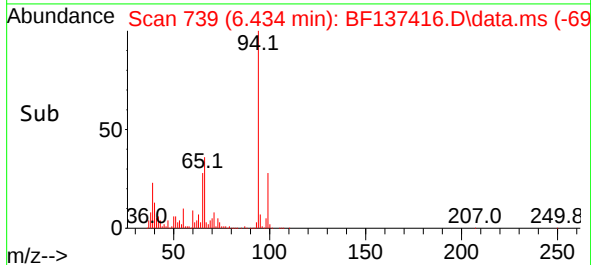
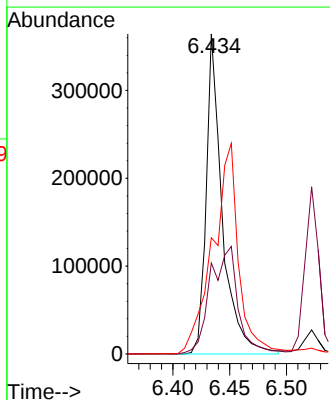
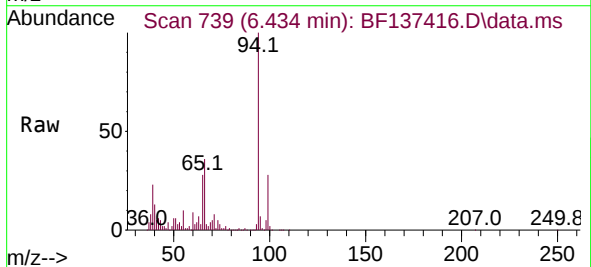
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

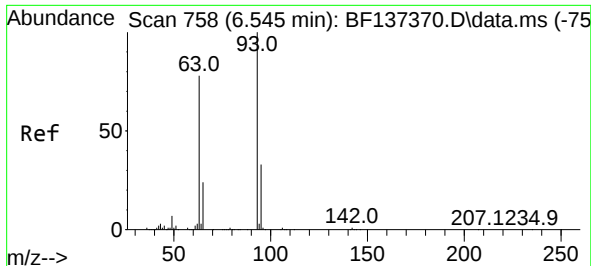
Tgt Ion: 77 Resp: 104605
Ion Ratio Lower Upper
77 100
105 92.3 74.1 114.1
106 91.9 70.2 110.2



#10
Phenol
Concen: 15.453 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion: 94 Resp: 357981
Ion Ratio Lower Upper
94 100
65 28.4 7.4 47.4
66 36.3 15.6 55.6

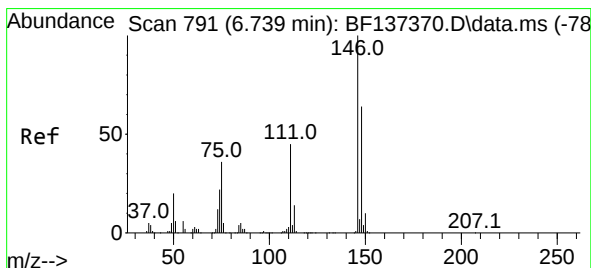
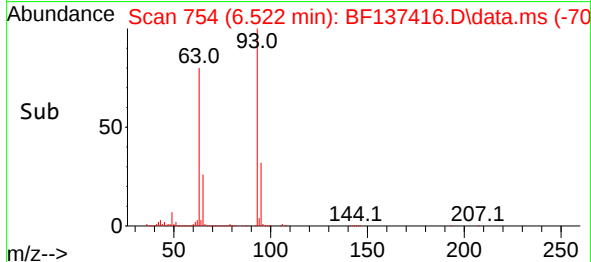
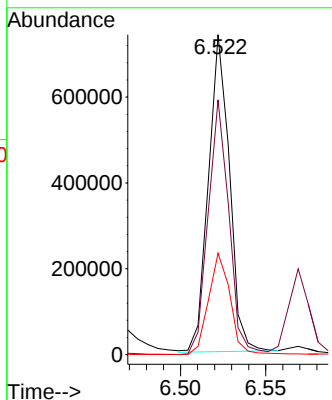
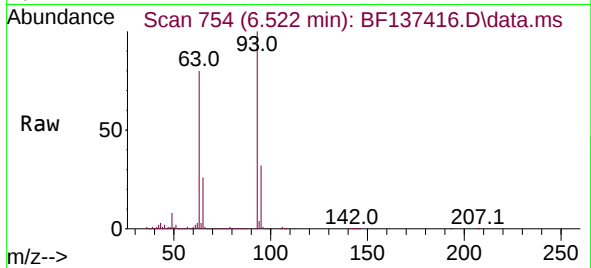




#11
bis(2-Chloroethyl)ether
Concen: 37.579 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

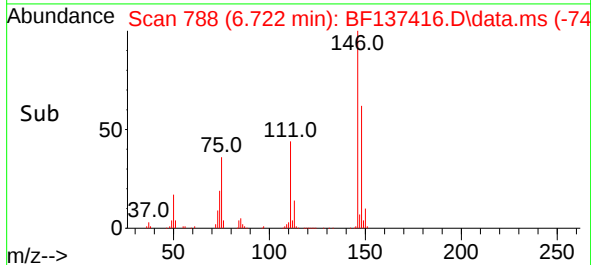
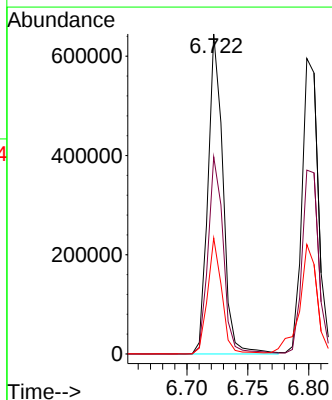
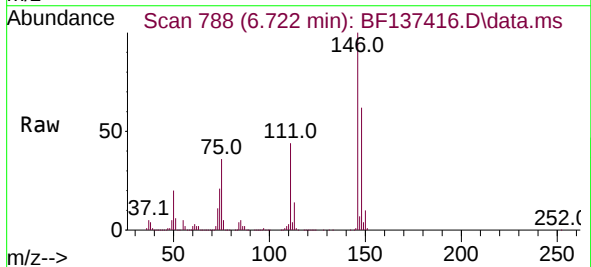
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

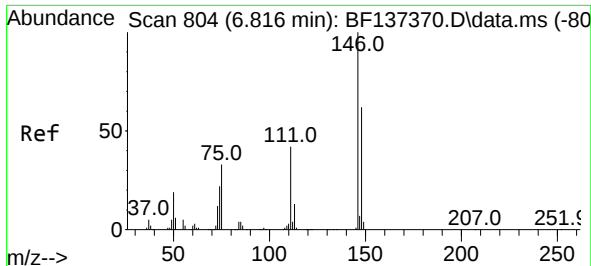
Tgt Ion: 93 Resp: 632571
Ion Ratio Lower Upper
93 100
63 79.7 56.1 96.1
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 33.305 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:146 Resp: 551977
Ion Ratio Lower Upper
146 100
148 61.6 50.9 76.3
75 36.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 33.452 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.017 min

Lab File: BF137416.D

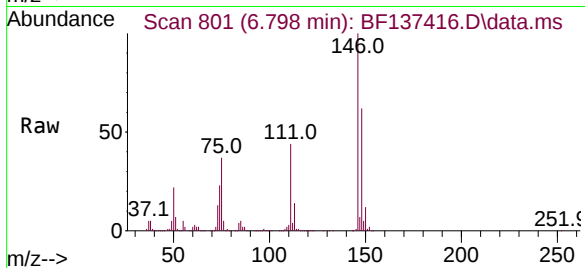
Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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



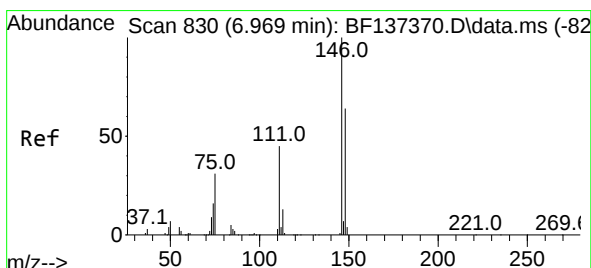
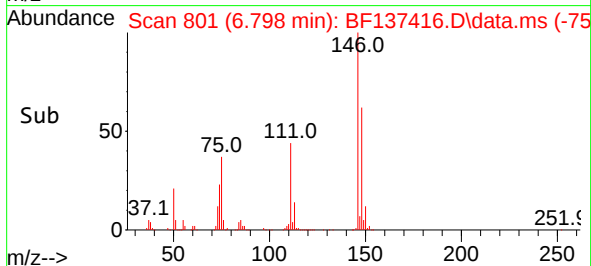
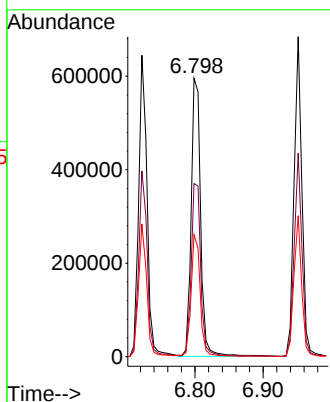
Tgt Ion:146 Resp: 570814

Ion Ratio Lower Upper

146 100

148 62.2 49.9 74.9

111 43.8 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 34.618 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.017 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

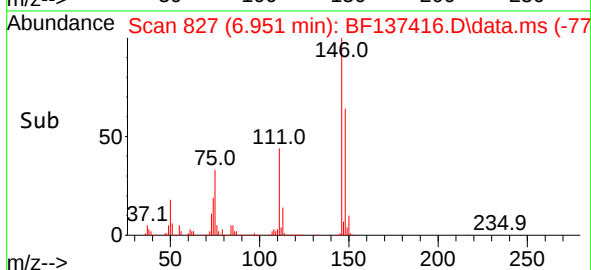
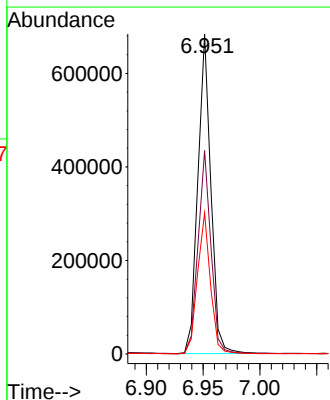
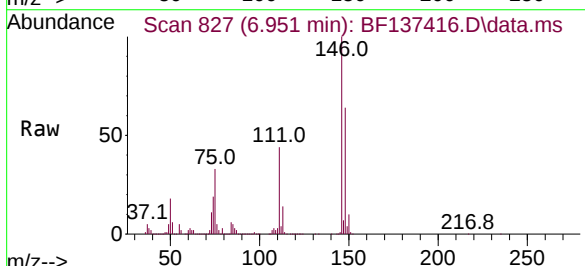
Tgt Ion:146 Resp: 546392

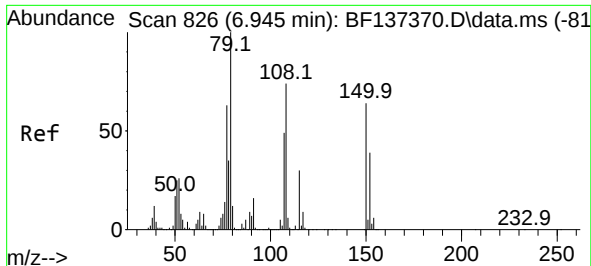
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 44.1 36.6 54.8

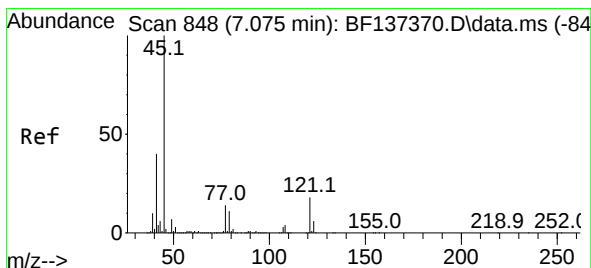
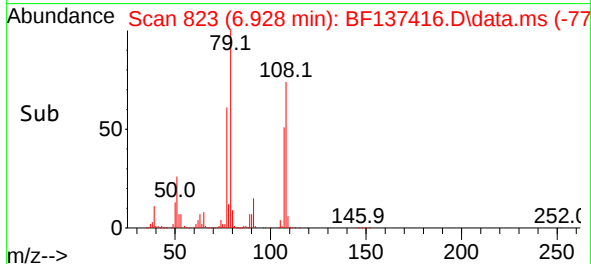
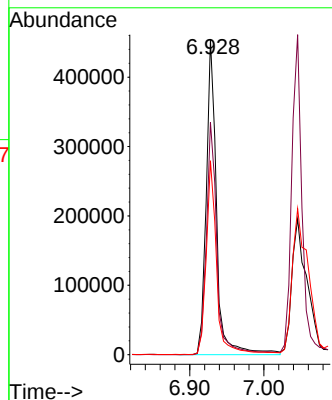
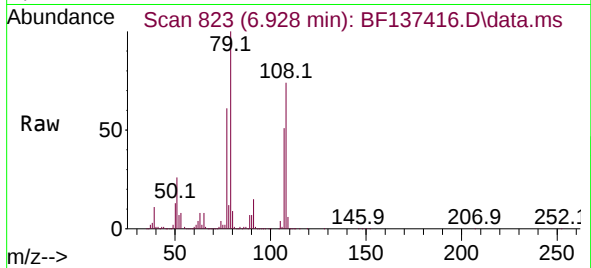




#15
Benzyl Alcohol
Concen: 34.822 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

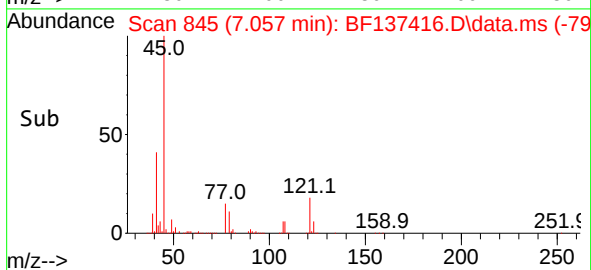
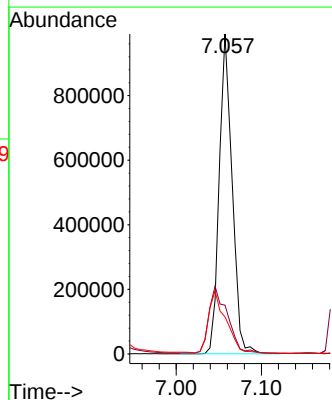
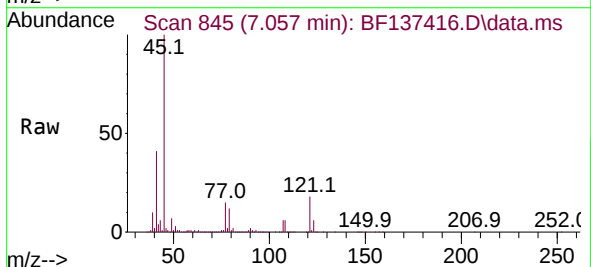
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

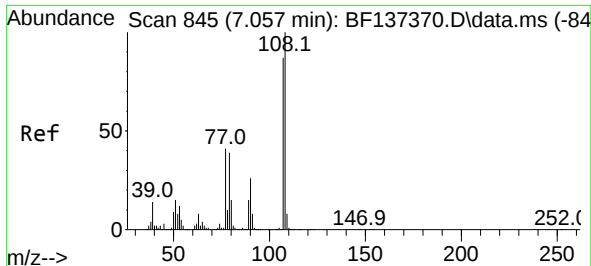
Tgt Ion: 79 Resp: 439363
Ion Ratio Lower Upper
79 100
108 73.6 59.5 89.3
77 61.4 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.212 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion: 45 Resp: 1041151
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 11.6 0.0 31.6

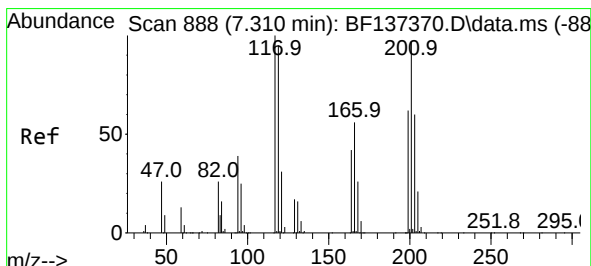
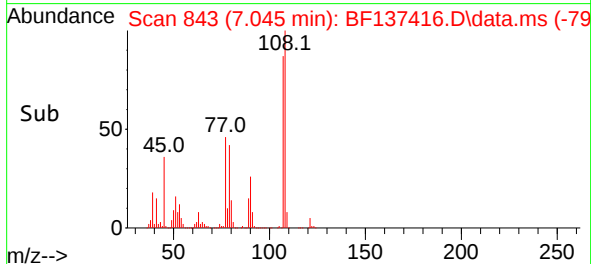
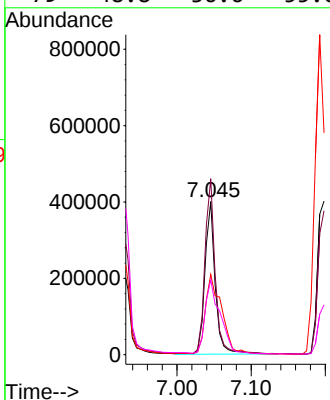
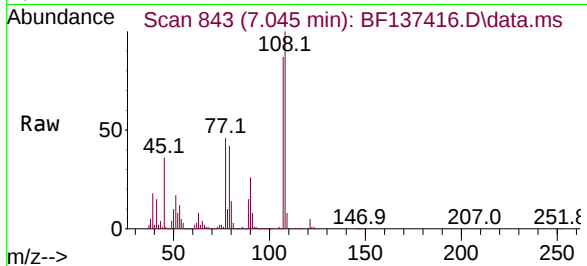




#17
2-Methylphenol
Concen: 26.580 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

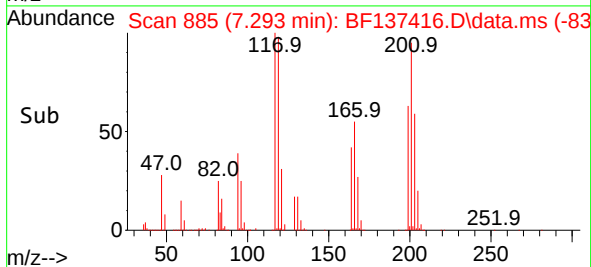
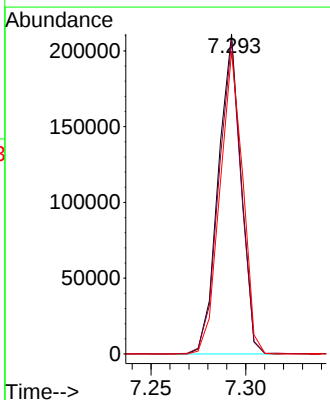
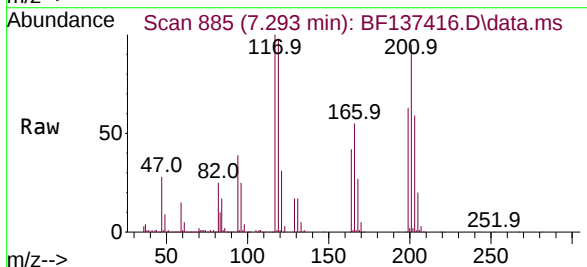
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

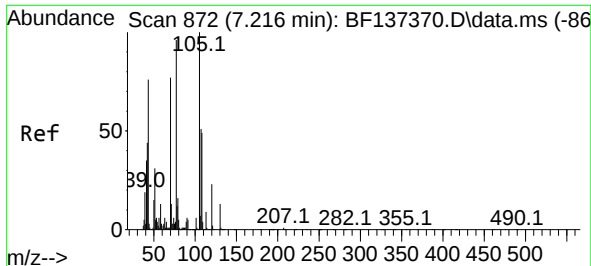
Tgt Ion:107	Resp: 388126
Ion Ratio	Lower Upper
107 100	
108 115.0	92.2 138.4
77 52.4	38.1 57.1
79 48.8	36.6 55.0



#18
Hexachloroethane
Concen: 29.894 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

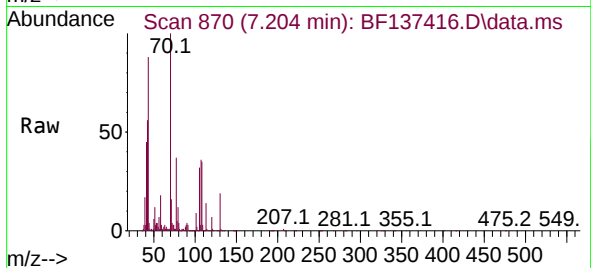
Tgt Ion:117	Resp: 175778
Ion Ratio	Lower Upper
117 100	
119 97.9	76.2 114.4
201 94.5	77.6 116.4



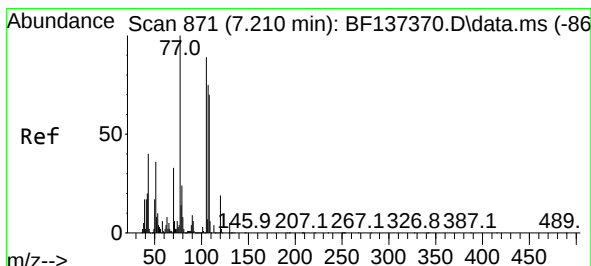
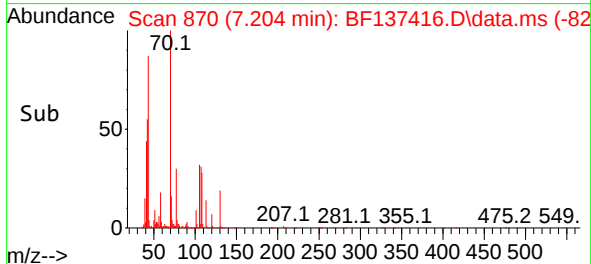
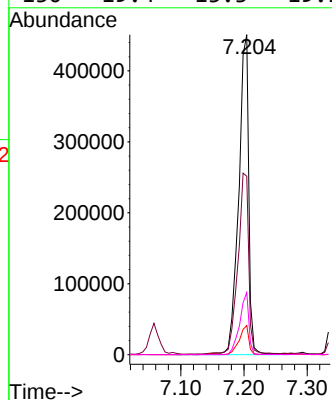


#19
n-Nitroso-di-n-propylamine
Concen: 38.479 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

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

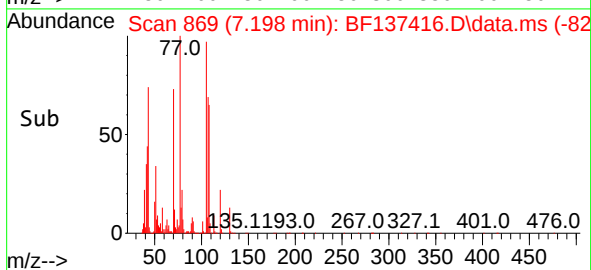
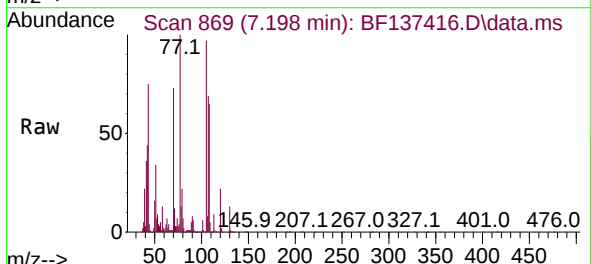
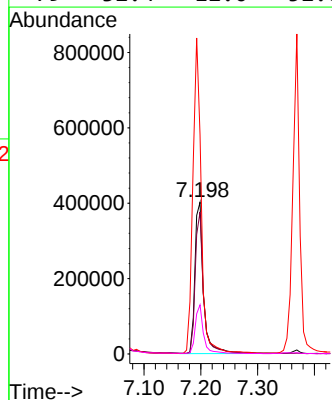


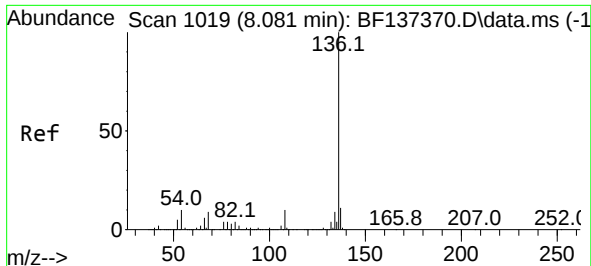
Tgt Ion: 70 Resp: 501891
Ion Ratio Lower Upper
70 100
42 55.7 45.3 67.9
101 9.1 6.5 9.7
130 19.4 13.3 19.9



#20
3+4-Methylphenols
Concen: 25.530 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion: 107 Resp: 424909
Ion Ratio Lower Upper
107 100
108 93.7 73.1 113.1
77 144.4 113.6 153.6
79 32.4 12.0 52.0

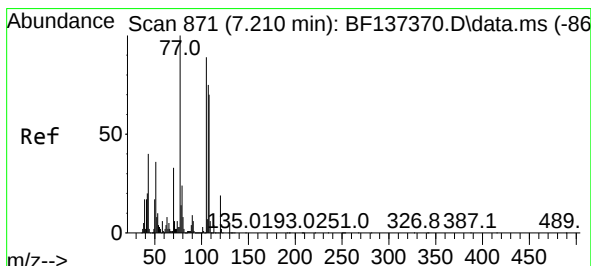
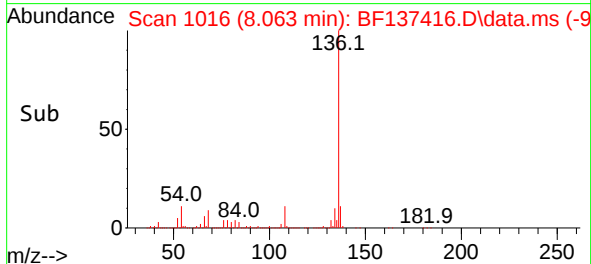
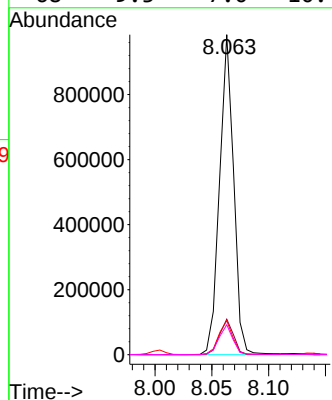
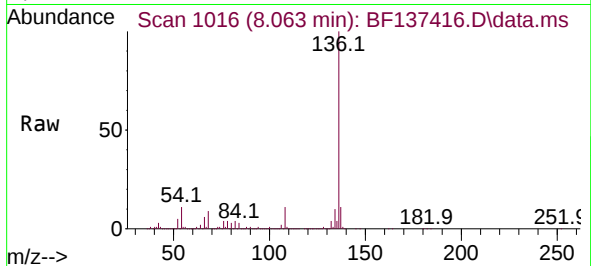




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

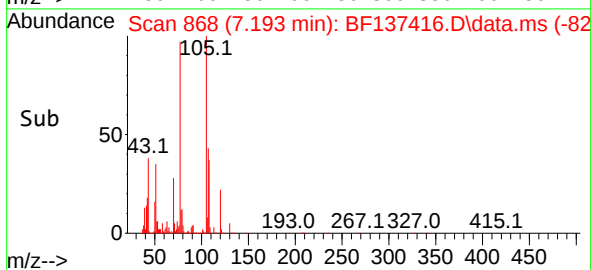
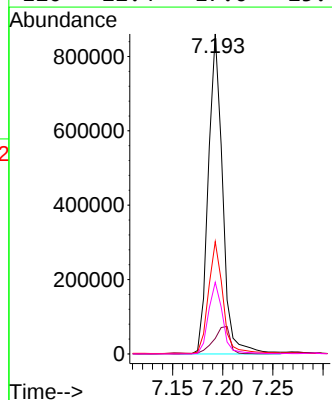
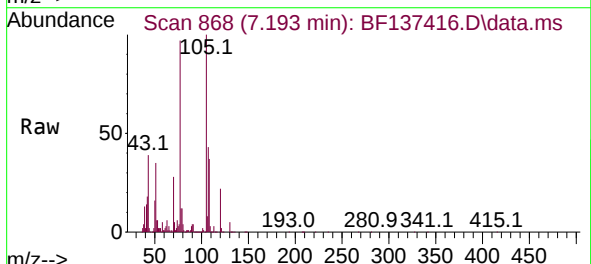
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

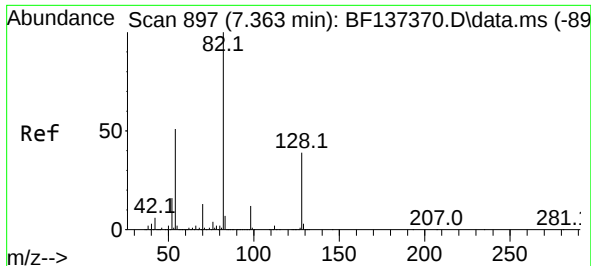
Tgt Ion:	136	Resp:	851789
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.6	7.8	11.6
68	9.3	7.0	10.4



#22
Acetophenone
Concen: 41.393 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:	105	Resp:	854969
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.0	7.6#
51	35.1	32.2	48.4
120	22.4	17.0	25.4





#23

Nitrobenzene-d5

Concen: 80.626 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF137416.D

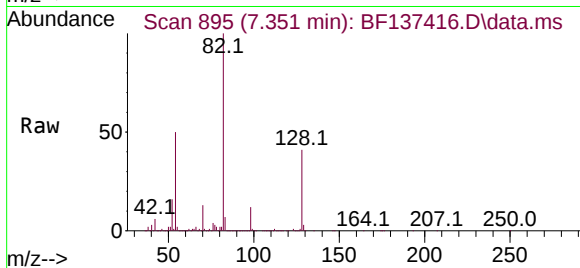
Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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



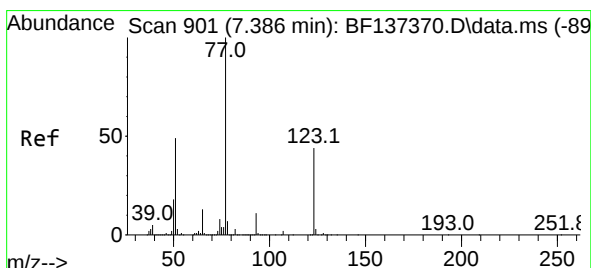
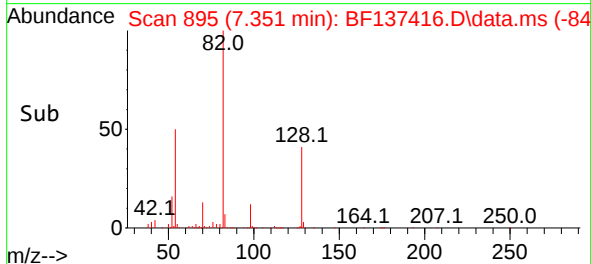
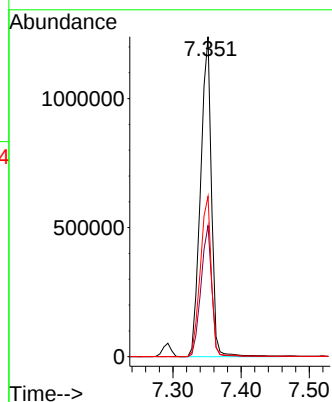
Tgt Ion: 82 Resp: 1375606

Ion Ratio Lower Upper

82 100

128 40.9 30.8 46.2

54 50.1 40.8 61.2



#24

Nitrobenzene

Concen: 41.155 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.017 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

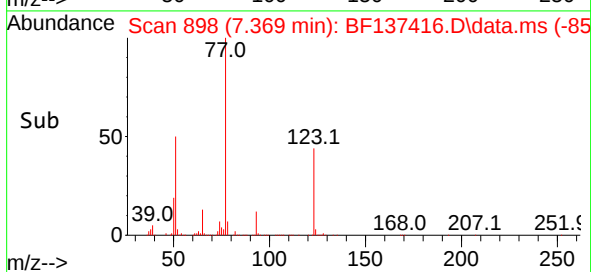
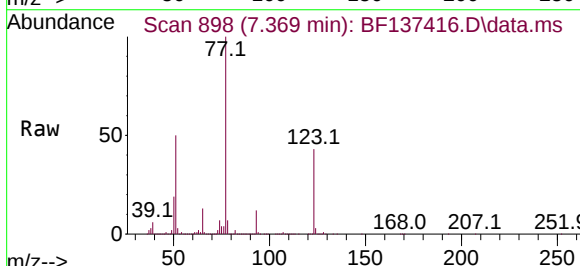
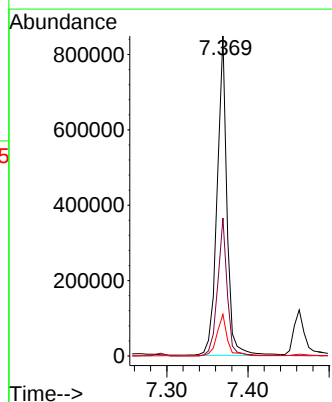
Tgt Ion: 77 Resp: 713487

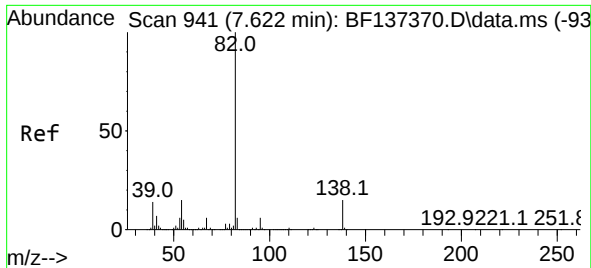
Ion Ratio Lower Upper

77 100

123 43.1 35.4 53.0

65 13.0 10.3 15.5

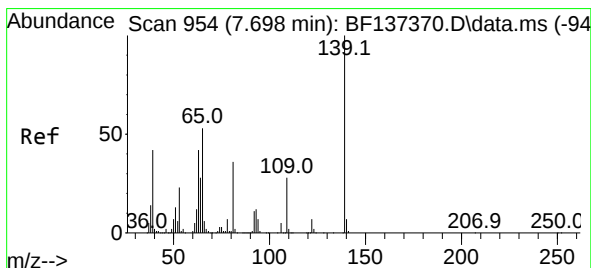
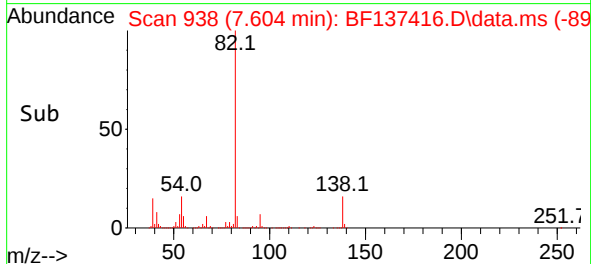
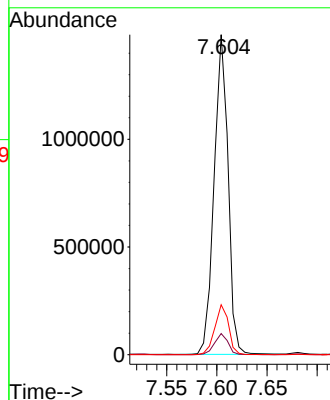
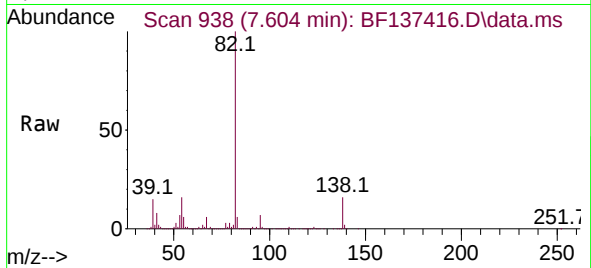




#25
Isophorone
Concen: 40.738 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

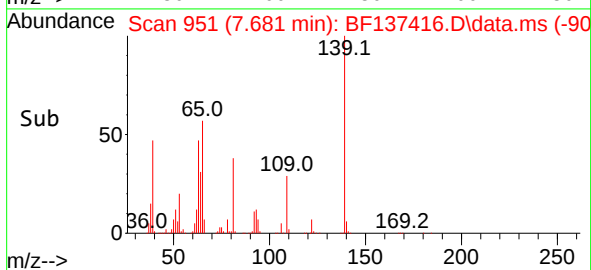
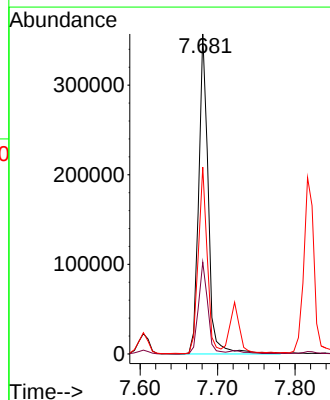
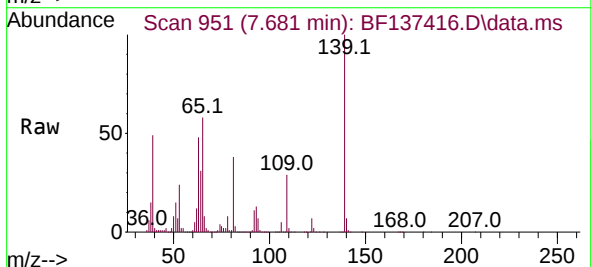
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

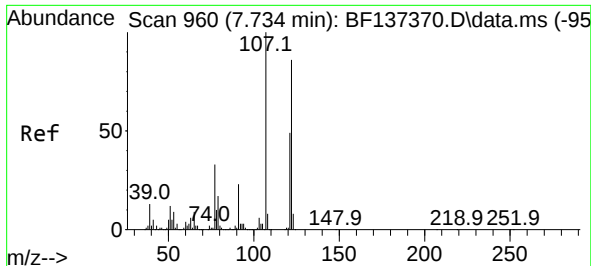
Tgt Ion: 82 Resp: 1437371
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.6 12.2 18.4



#26
2-Nitrophenol
Concen: 46.265 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:139 Resp: 305747
Ion Ratio Lower Upper
139 100
109 28.7 22.5 33.7
65 58.4 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 34.443 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137416.D

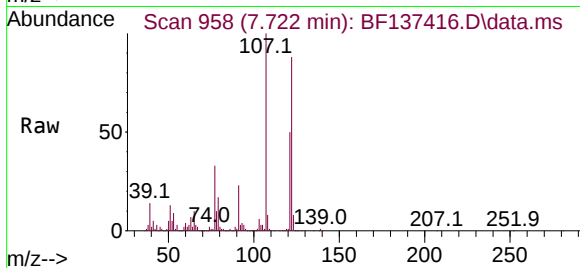
Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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



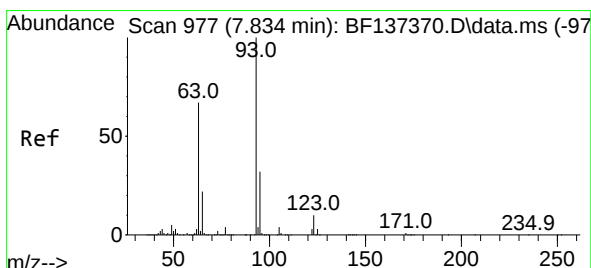
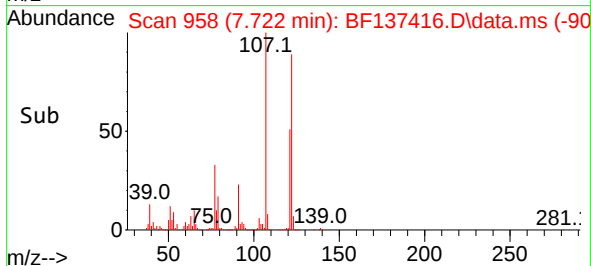
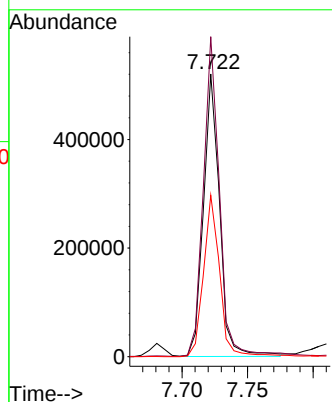
Tgt Ion:122 Resp: 446935

Ion Ratio Lower Upper

122 100

107 113.2 92.7 139.1

121 57.1 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.718 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.017 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

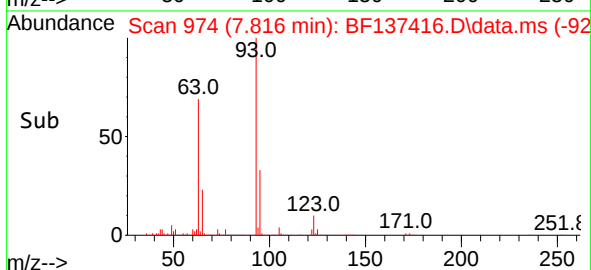
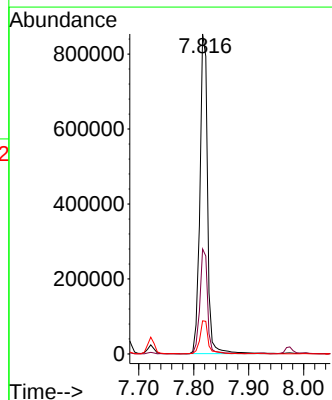
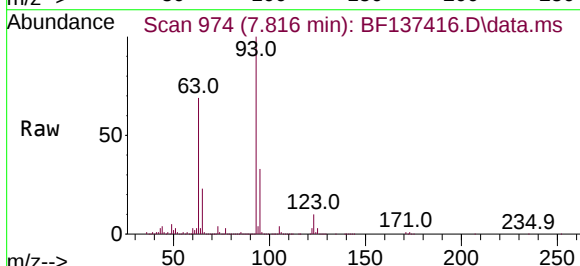
Tgt Ion: 93 Resp: 828065

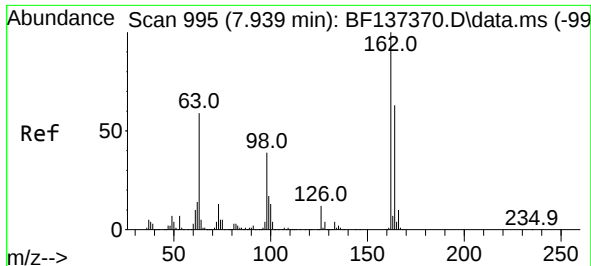
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 10.4 8.2 12.4

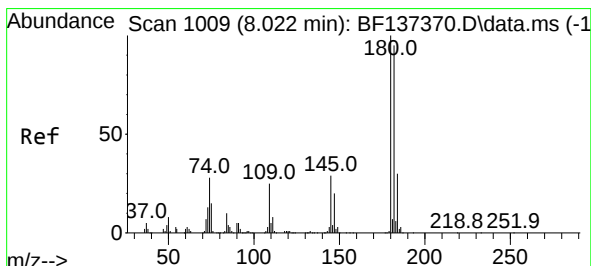
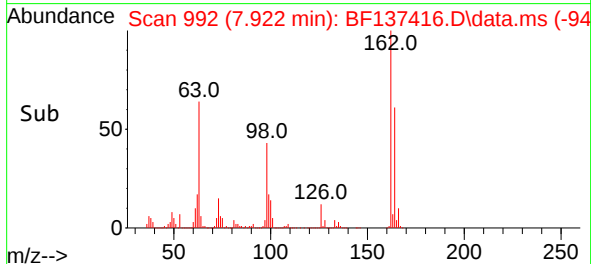
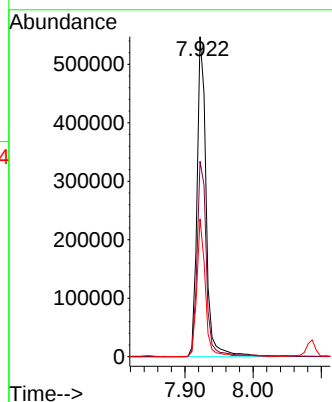
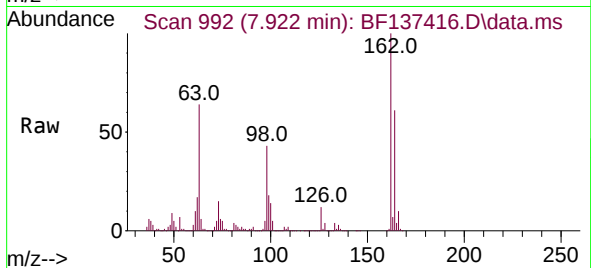




#29
2,4-Dichlorophenol
Concen: 41.518 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

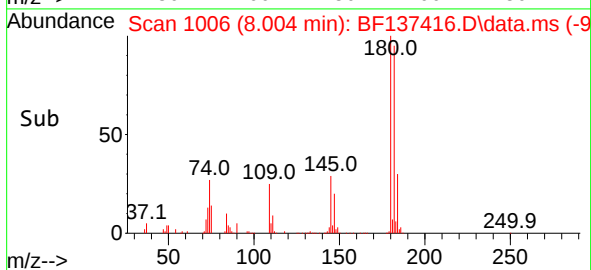
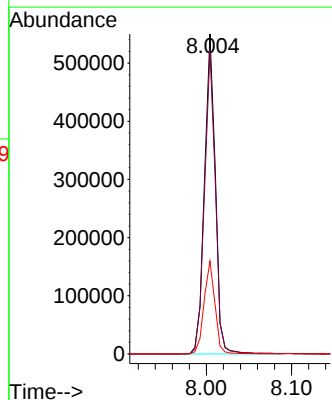
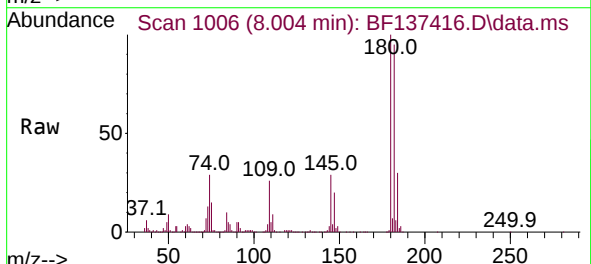
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

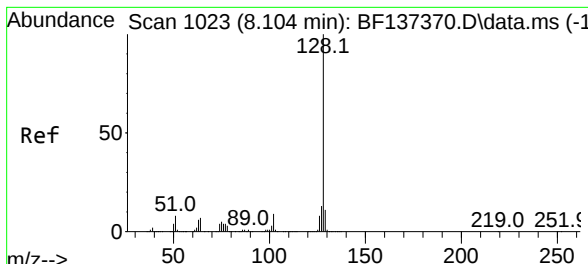
Tgt Ion:162 Resp: 504931
Ion Ratio Lower Upper
162 100
164 61.1 43.1 83.1
98 43.1 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 37.370 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:180 Resp: 487832
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.6
145 29.0 23.4 35.0



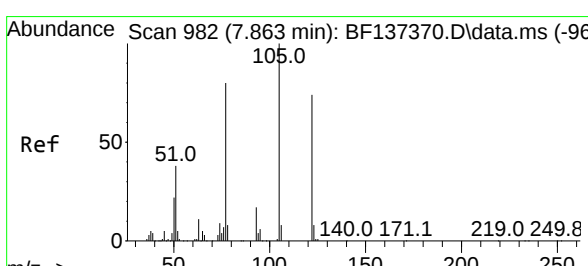
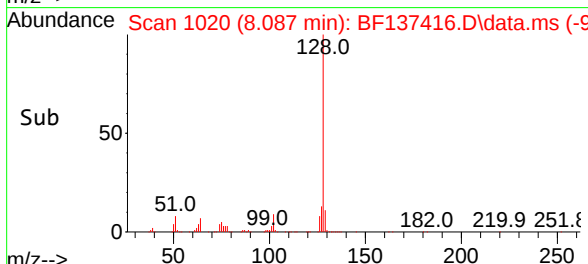
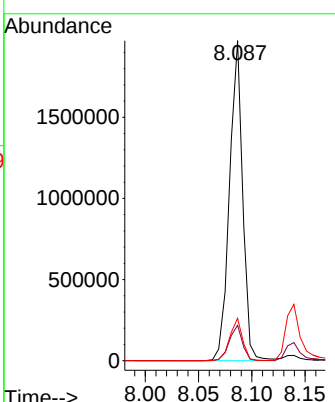
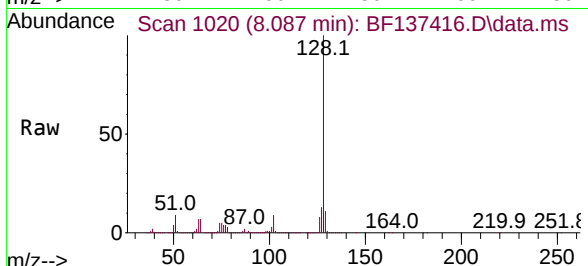


#31
Naphthalene
Concen: 37.238 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

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

Tgt Ion:128 Resp: 1702196

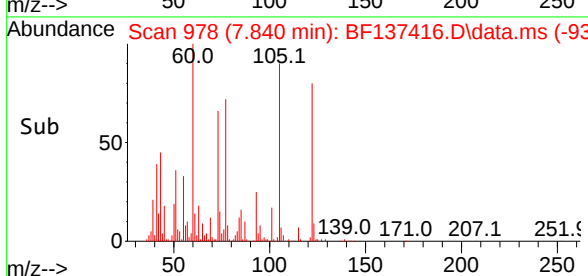
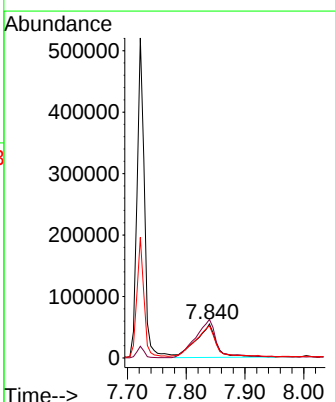
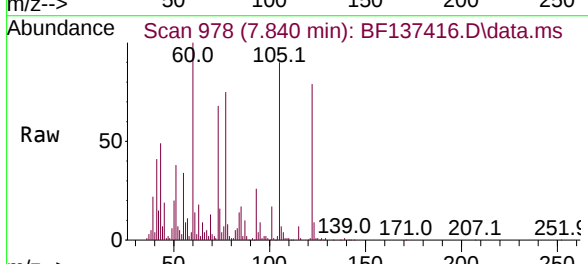
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.6	16.0

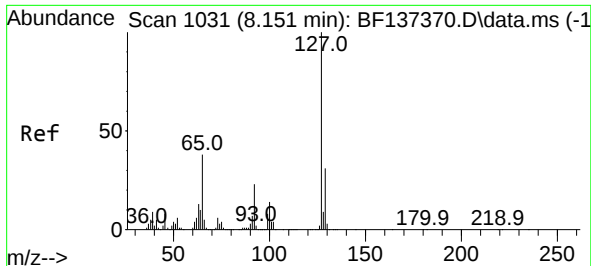


#32
Benzoic acid
Concen: 21.181 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.023 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:122 Resp: 132120

Ion	Ratio	Lower	Upper
122	100		
105	113.5	101.1	141.1
77	94.7	82.8	122.8

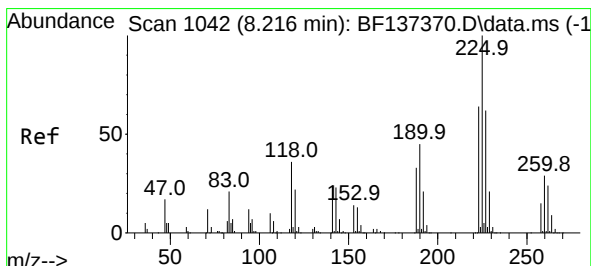
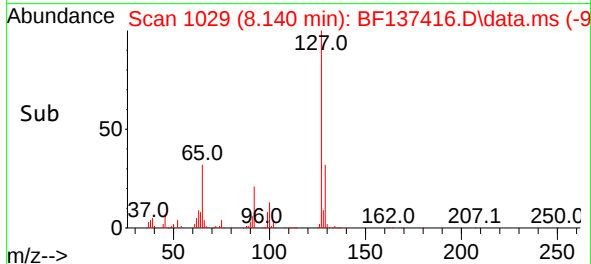
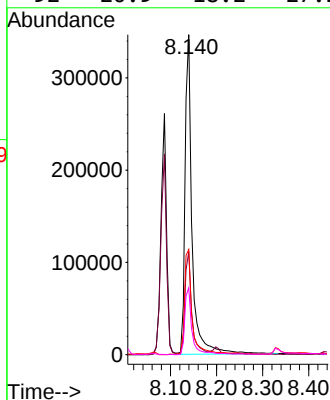
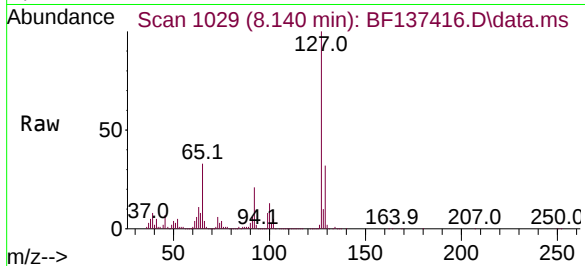




#33
4-Chloroaniline
Concen: 21.026 ng
RT: 8.140 min Scan# 1031
Delta R.T. -0.011 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

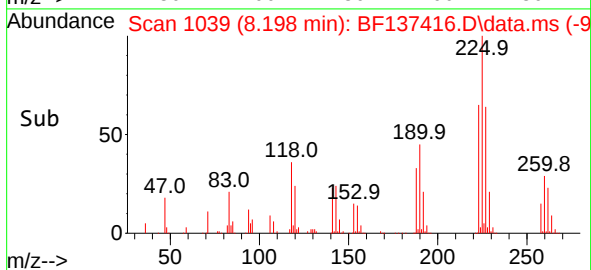
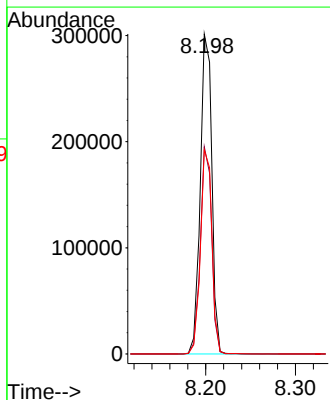
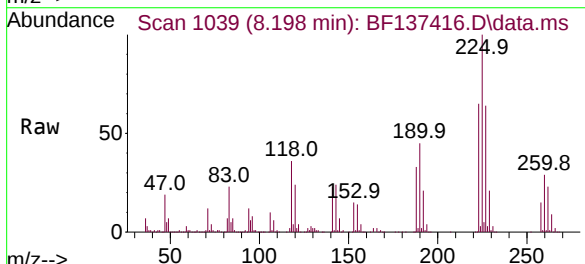
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

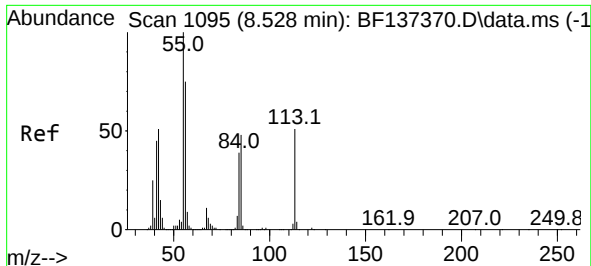
Tgt Ion:	127	Resp:	365552
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.0	37.6
65	32.9	30.4	45.6
92	20.9	18.2	27.2



#34
Hexachlorobutadiene
Concen: 34.670 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:	225	Resp:	268863
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.4	77.0
227	63.8	49.8	74.6

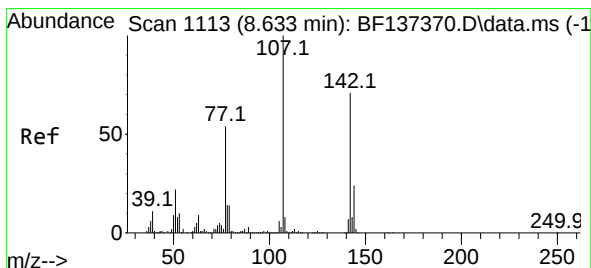
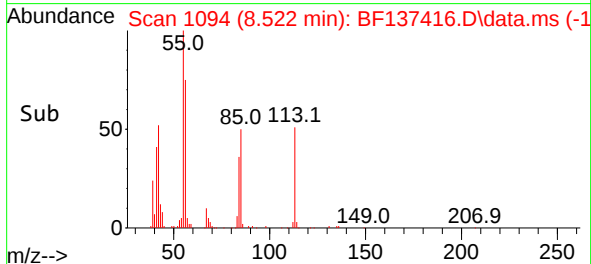
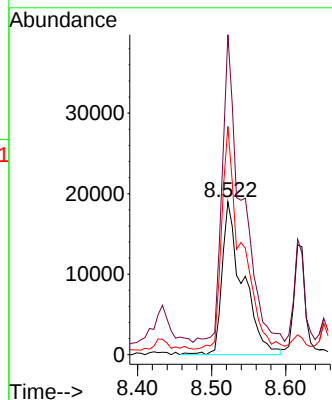
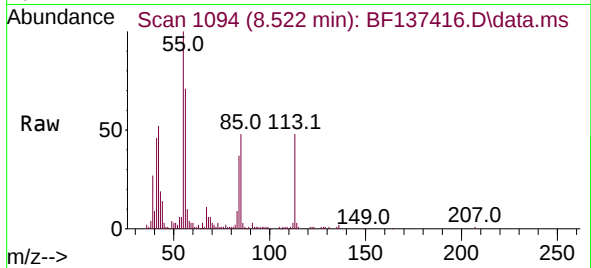




#35
Caprolactam
Concen: 9.798 ng
RT: 8.522 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

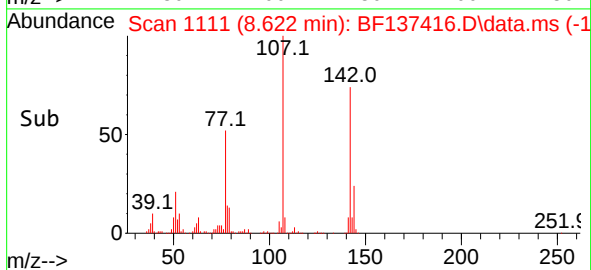
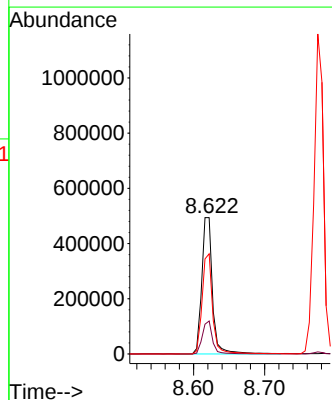
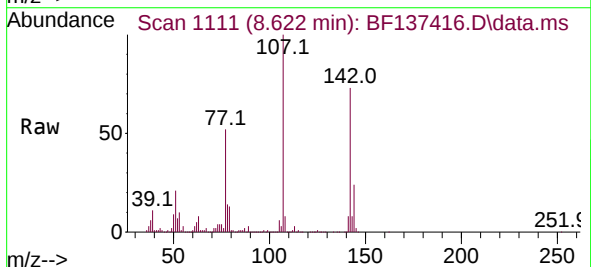
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

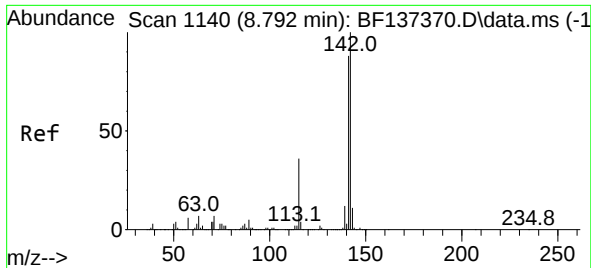
Tgt Ion:113 Resp: 36850
Ion Ratio Lower Upper
113 100
55 209.2 176.3 216.3
56 149.2 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 37.770 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.011 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:107 Resp: 520772
Ion Ratio Lower Upper
107 100
144 24.2 18.9 28.3
142 73.5 56.6 85.0

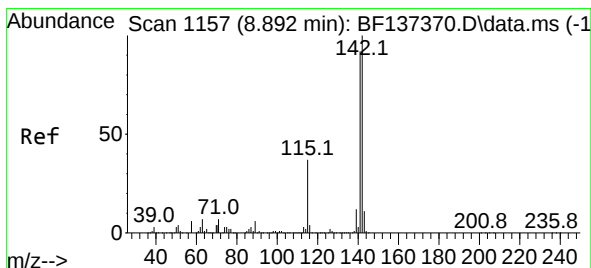
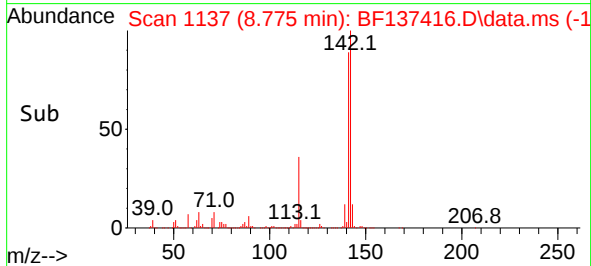
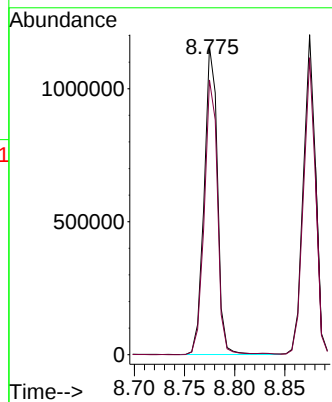
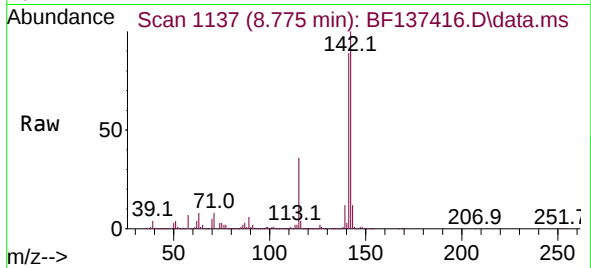




#37
2-Methylnaphthalene
Concen: 36.479 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

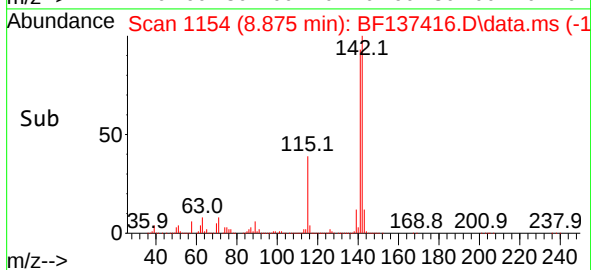
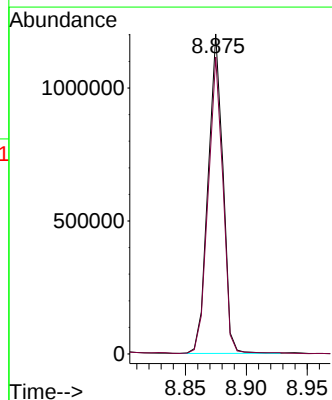
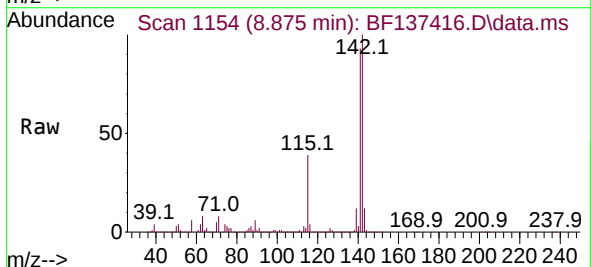
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

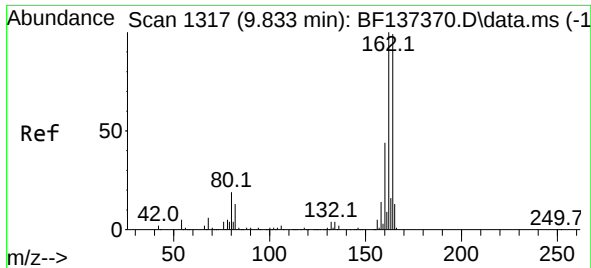
Tgt Ion:142 Resp: 1074501
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5



#38
1-Methylnaphthalene
Concen: 36.413 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:142 Resp: 1014066
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8

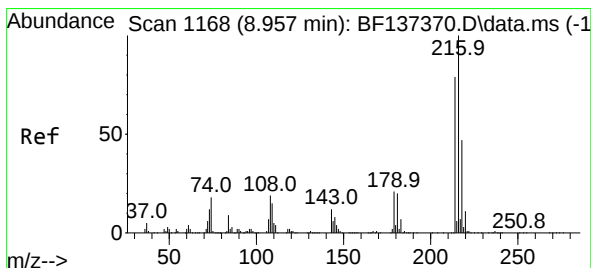
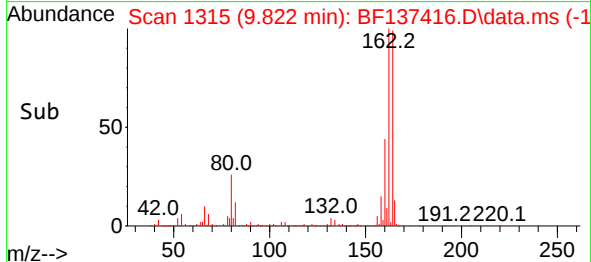
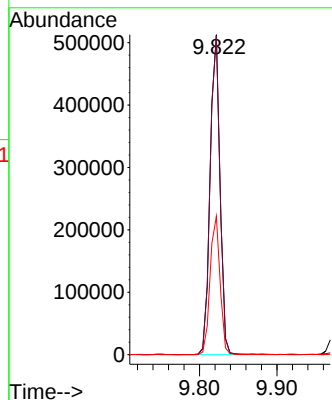
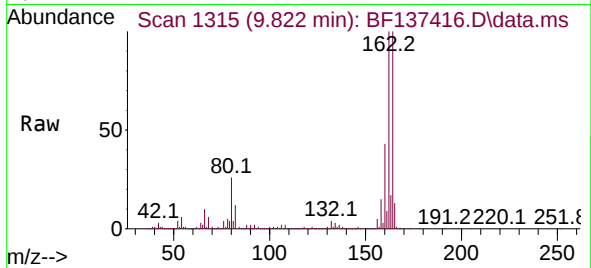




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

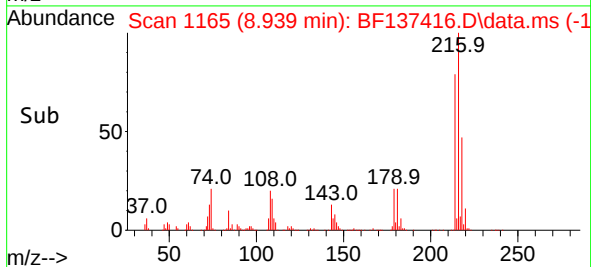
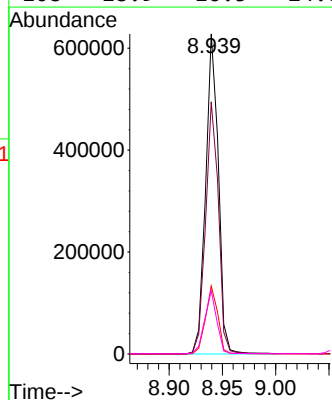
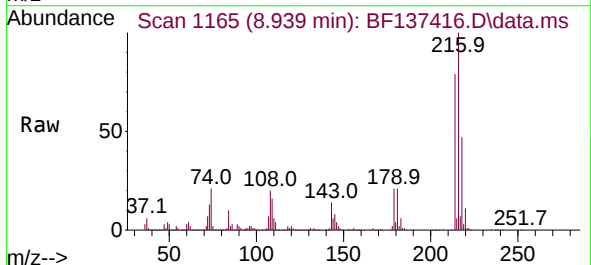
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

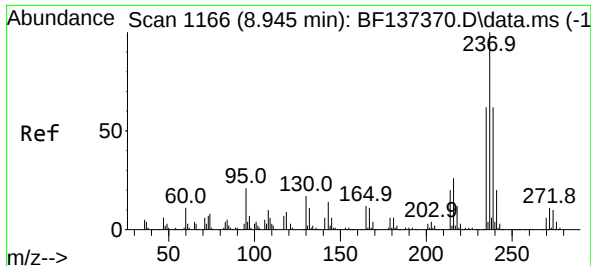
Tgt Ion:164 Resp: 453827
Ion Ratio Lower Upper
164 100
162 99.6 81.2 121.8
160 43.3 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.843 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:216 Resp: 523025
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 20.7 16.5 24.7
108 18.9 16.5 24.7

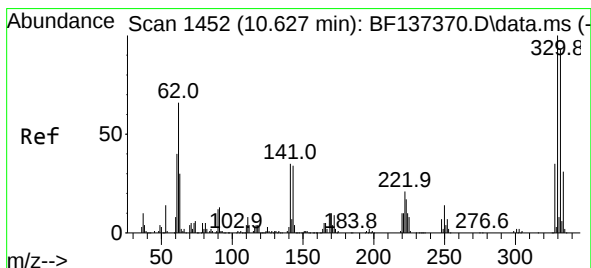
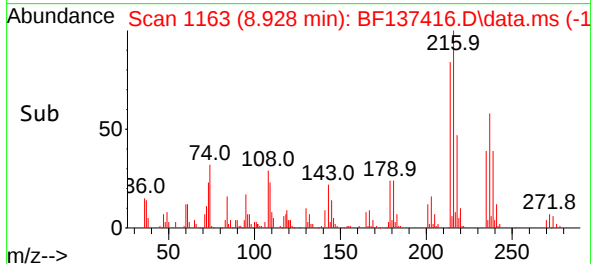
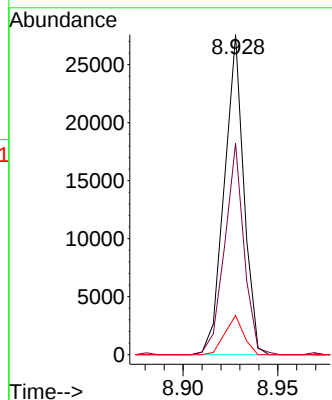
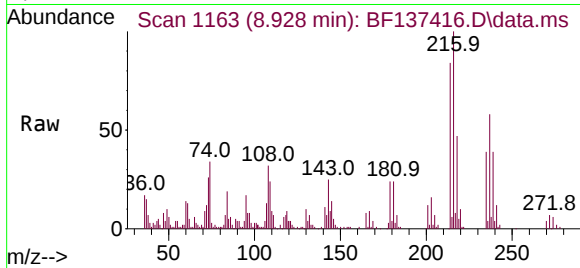




#41
Hexachlorocyclopentadiene
Concen: 3.481 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

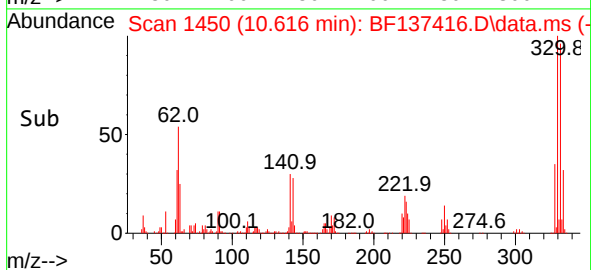
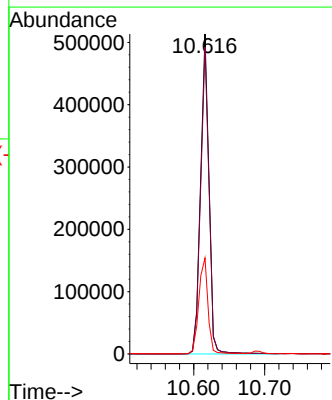
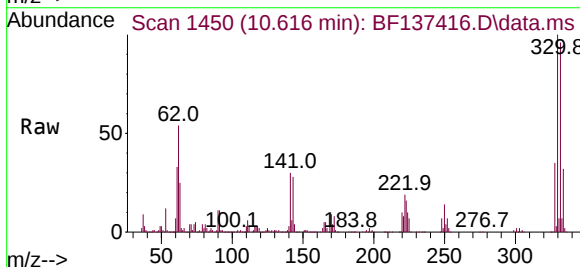
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

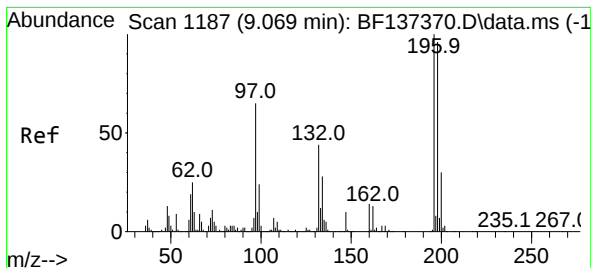
Tgt Ion:237 Resp: 19729
Ion Ratio Lower Upper
237 100
235 66.0 42.0 82.0
272 12.3 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 107.639 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:330 Resp: 425383
Ion Ratio Lower Upper
330 100
332 95.6 75.6 113.4
141 32.2 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 45.537 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137416.D

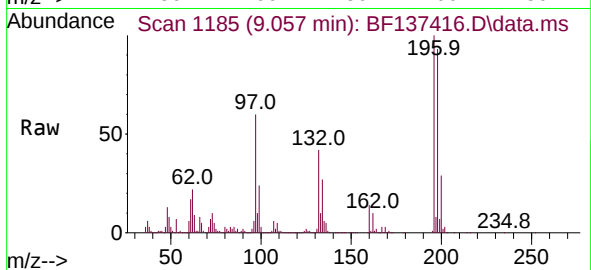
Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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



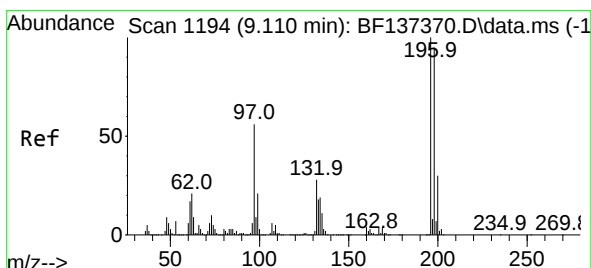
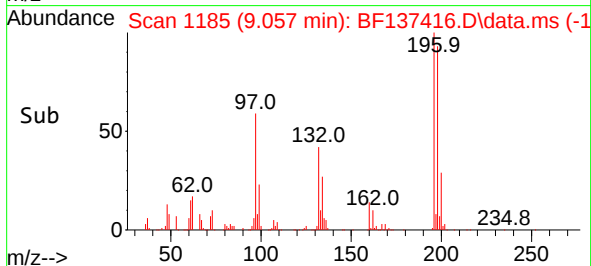
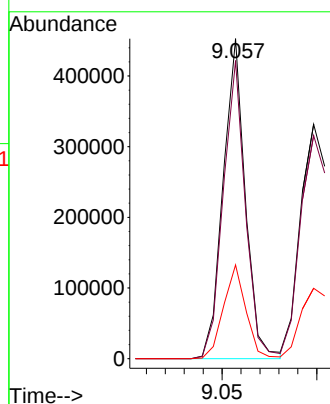
Tgt Ion:196 Resp: 369059

Ion Ratio Lower Upper

196 100

198 93.2 77.0 115.4

200 29.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 39.612 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Tgt Ion:196 Resp: 368311

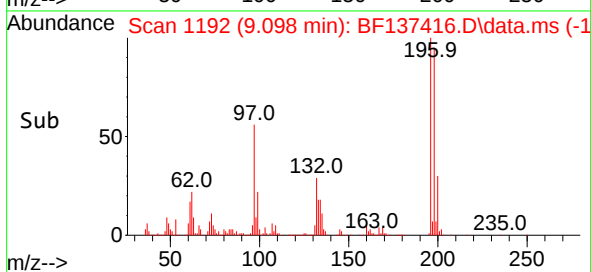
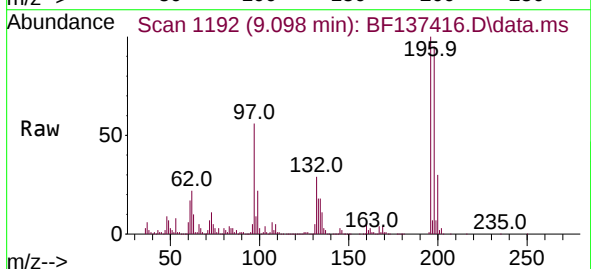
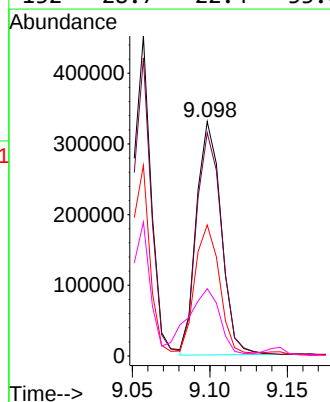
Ion Ratio Lower Upper

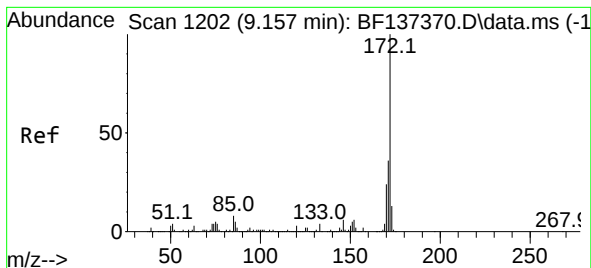
196 100

198 95.3 75.6 113.4

97 55.9 44.6 66.8

132 28.7 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 75.155 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

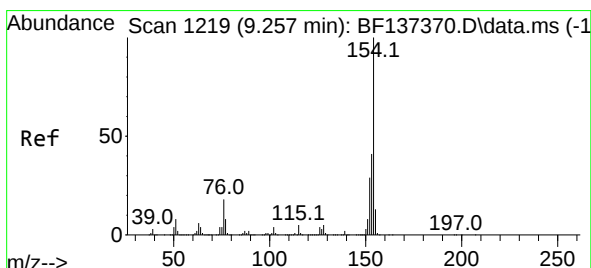
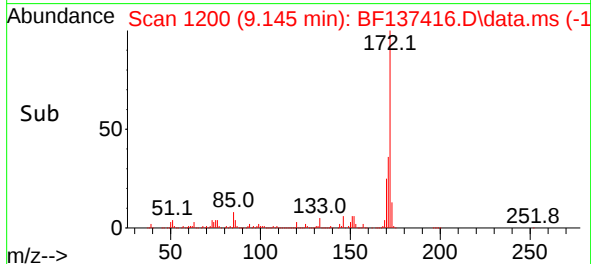
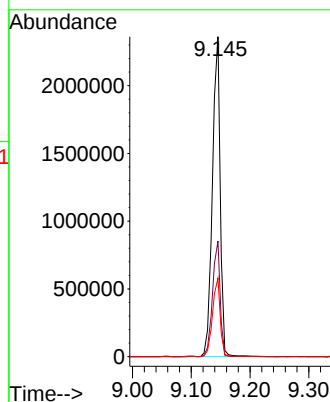
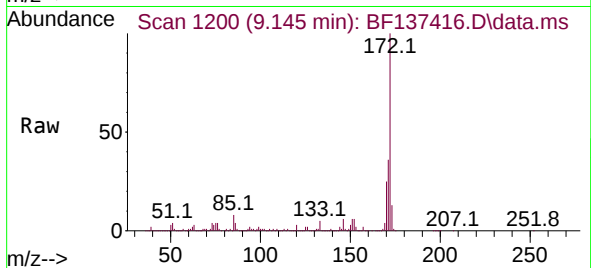
Tgt Ion:172 Resp: 2190796

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.6 19.5 29.3



#46

1,1'-Biphenyl

Concen: 41.799 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

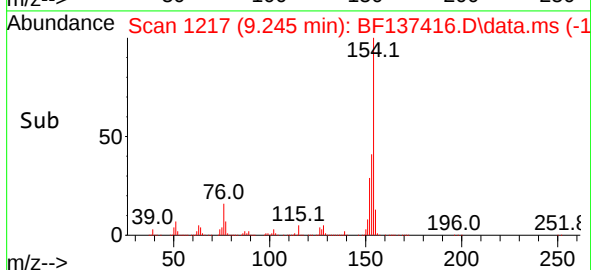
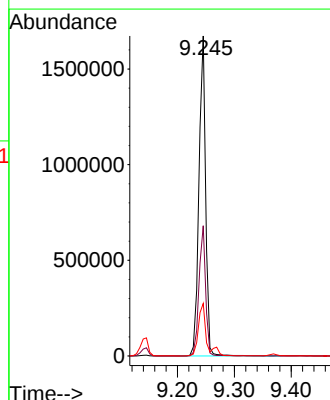
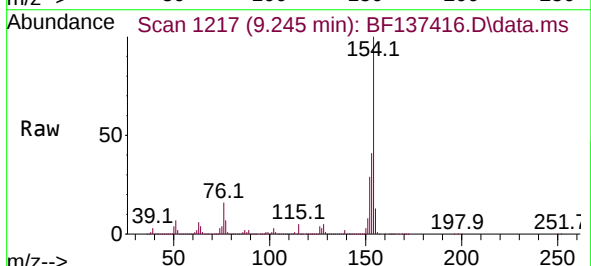
Tgt Ion:154 Resp: 1381626

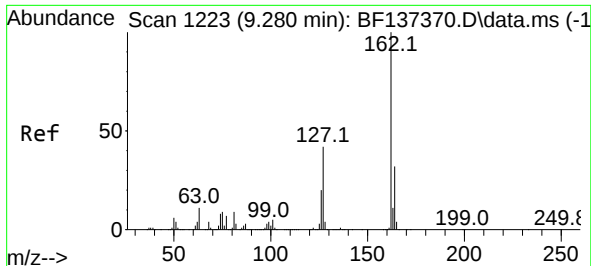
Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

76 16.4 0.0 37.9





#47

2-Chloronaphthalene

Concen: 43.028 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

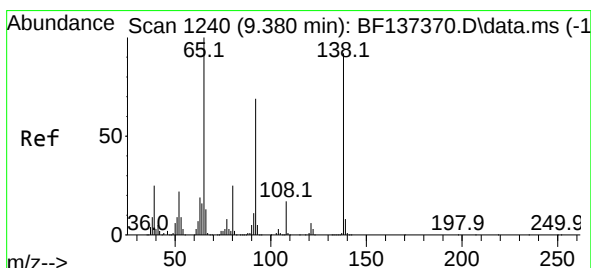
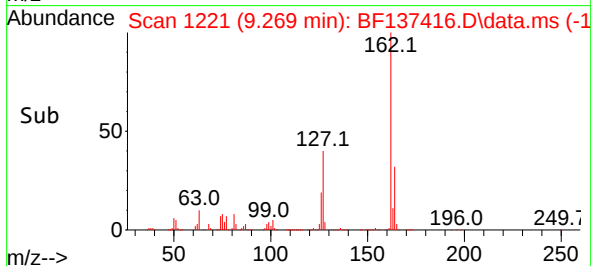
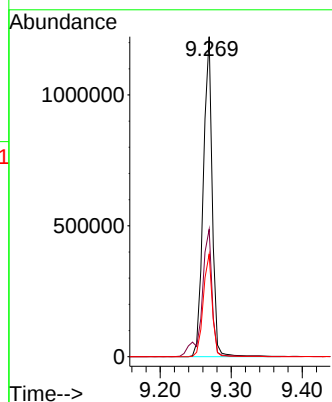
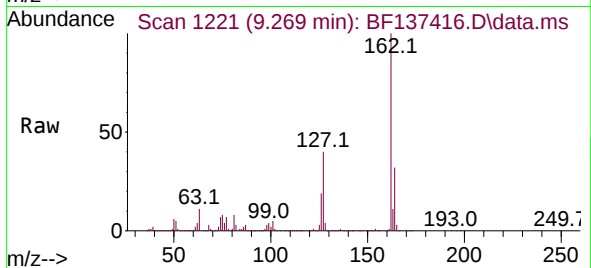
Tgt Ion:162 Resp: 1074055

Ion Ratio Lower Upper

162 100

127 39.8 33.6 50.4

164 32.1 25.9 38.9



#48

2-Nitroaniline

Concen: 48.851 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

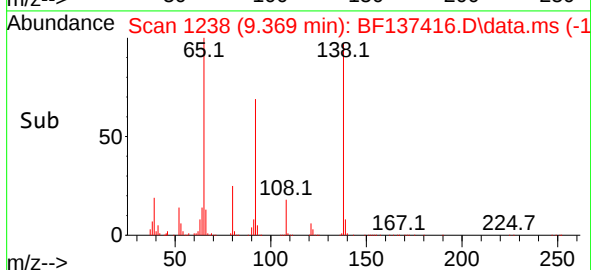
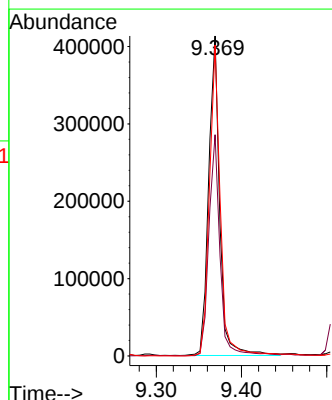
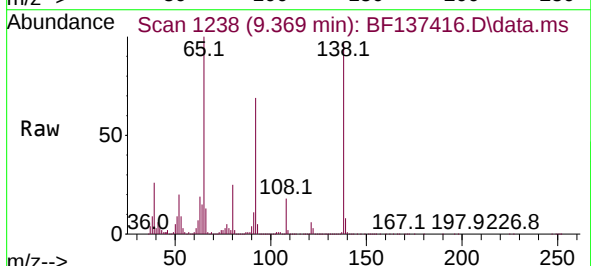
Tgt Ion: 65 Resp: 370990

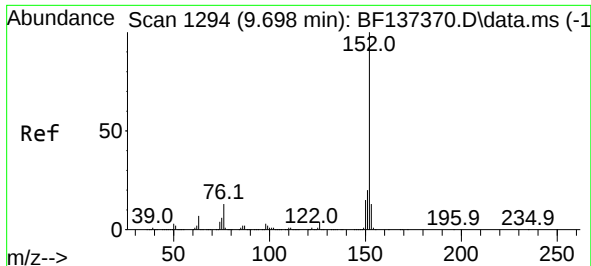
Ion Ratio Lower Upper

65 100

92 69.2 55.0 82.6

138 97.2 73.7 110.5





#49

Acenaphthylene

Concen: 42.641 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

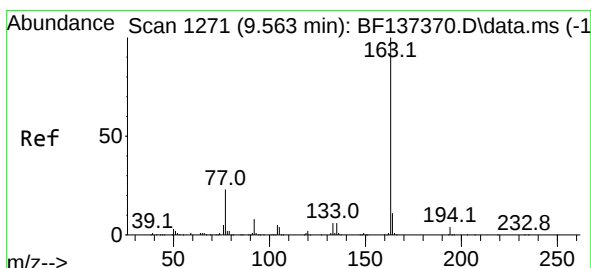
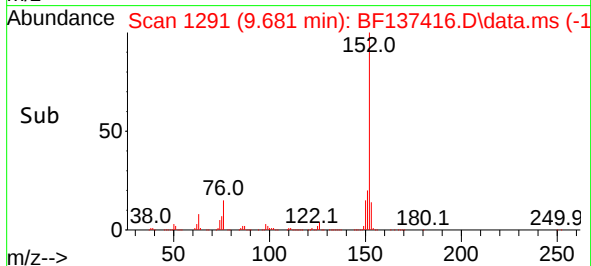
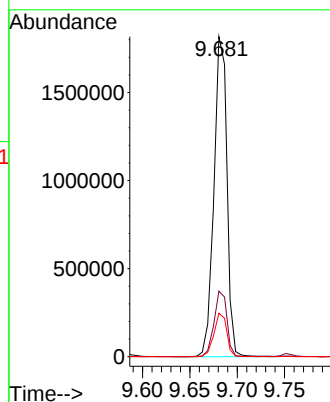
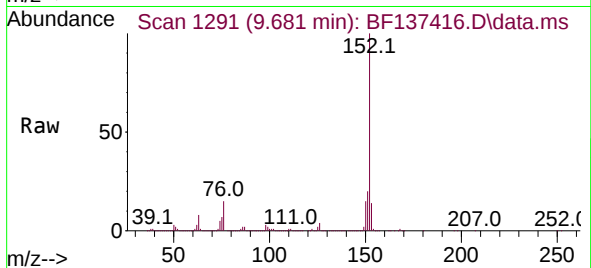
Tgt Ion:152 Resp: 1729358

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.6 10.6 15.8



#50

Dimethylphthalate

Concen: 43.568 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

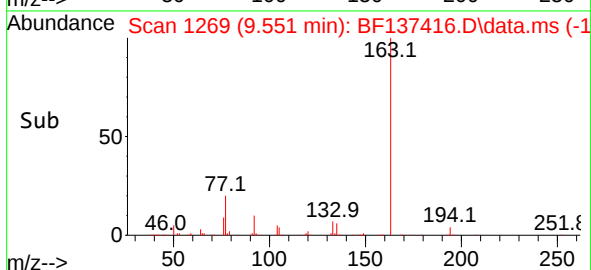
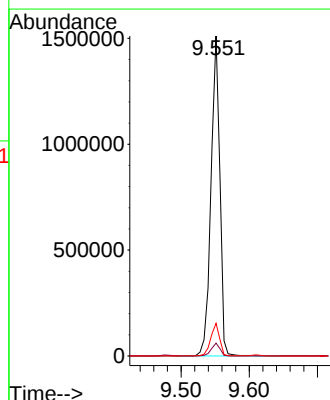
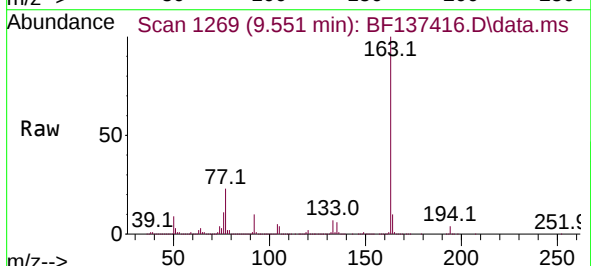
Tgt Ion:163 Resp: 1366252

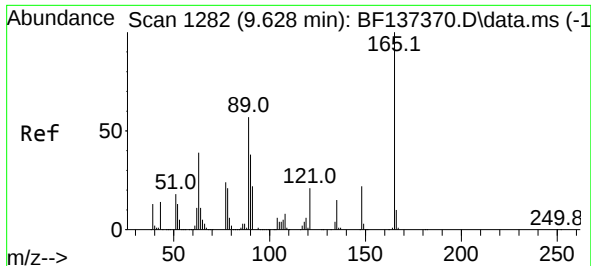
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.2 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 49.029 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.018 min

Lab File: BF137416.D

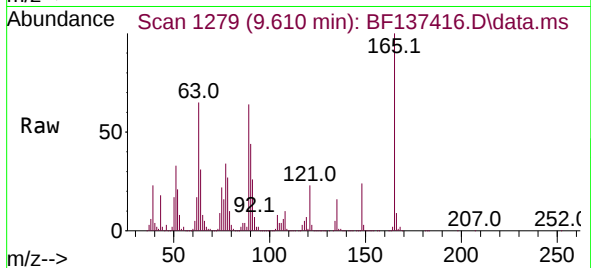
Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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



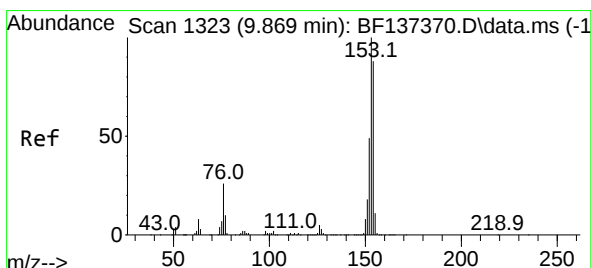
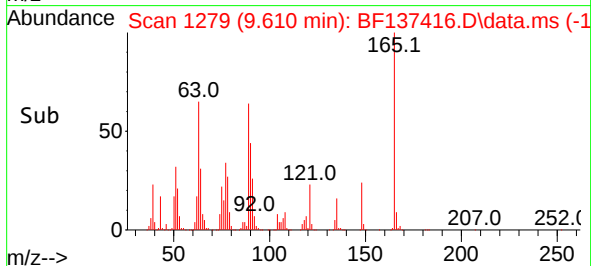
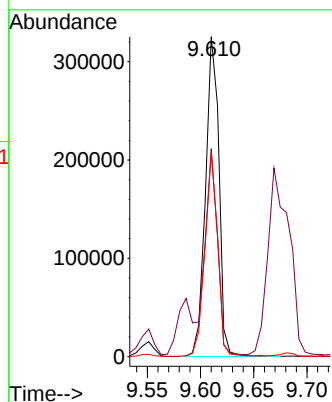
Tgt Ion:165 Resp: 286033

Ion Ratio Lower Upper

165 100

63 65.0 41.6 62.4#

89 63.8 45.8 68.6



#52

Acenaphthene

Concen: 40.060 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

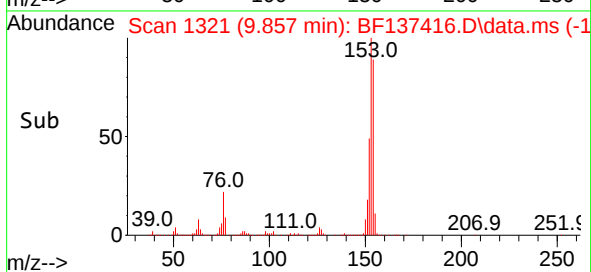
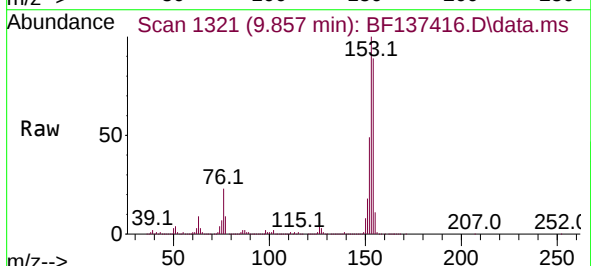
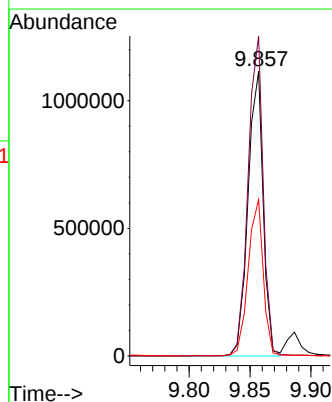
Tgt Ion:154 Resp: 969830

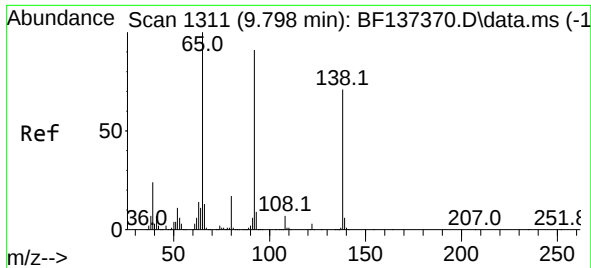
Ion Ratio Lower Upper

154 100

153 112.4 90.6 135.8

152 54.9 44.1 66.1

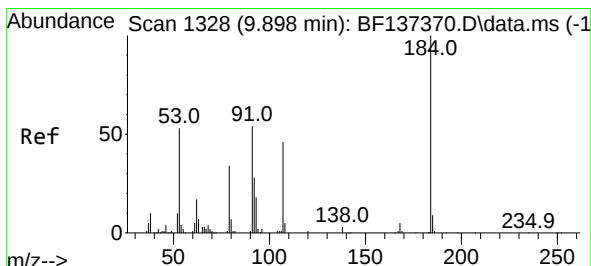
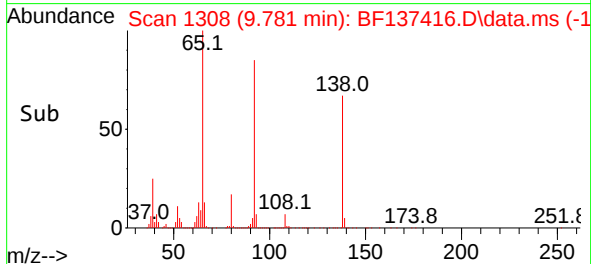
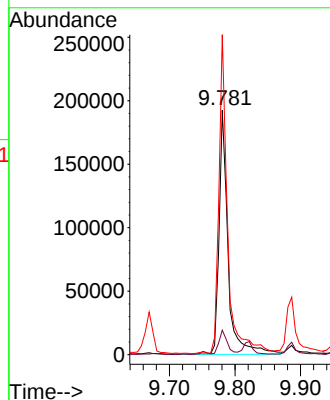
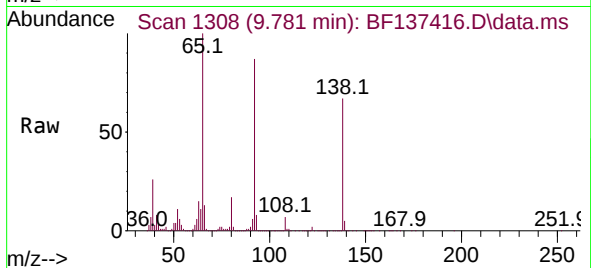




#53
3-Nitroaniline
Concen: 28.472 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

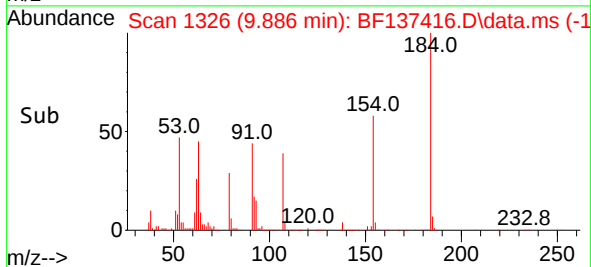
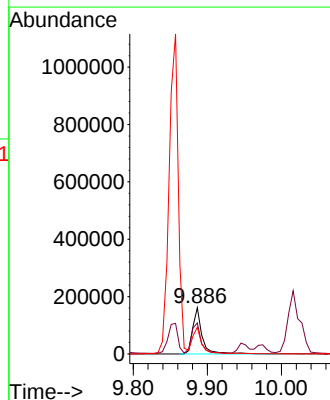
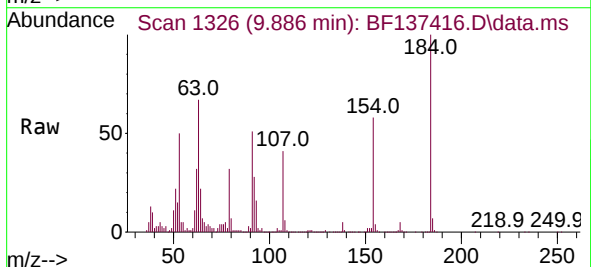
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

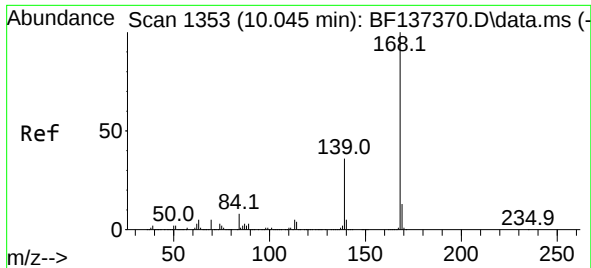
Tgt Ion:138 Resp: 183069
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 130.9 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 52.630 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:184 Resp: 143178
Ion Ratio Lower Upper
184 100
63 67.0 55.9 83.9
154 57.8 47.6 71.4

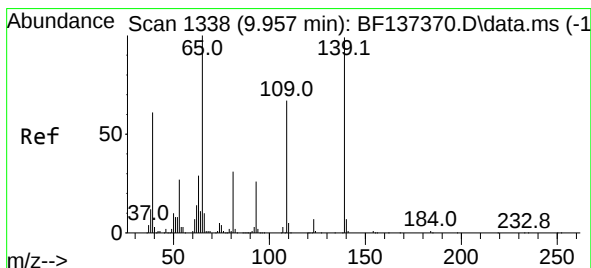
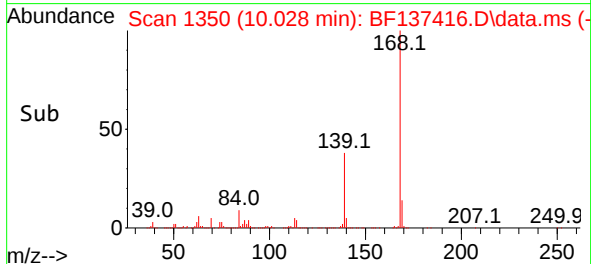
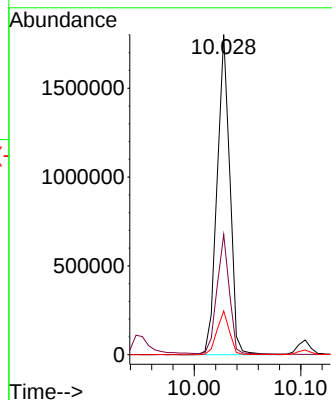
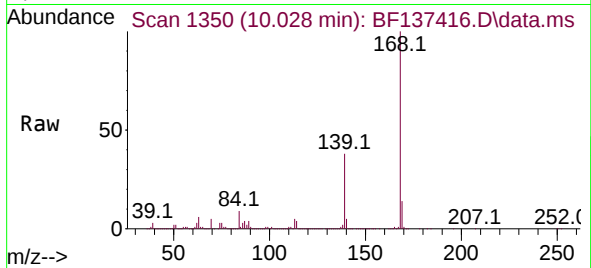




#55
Dibenzenofuran
Concen: 39.699 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

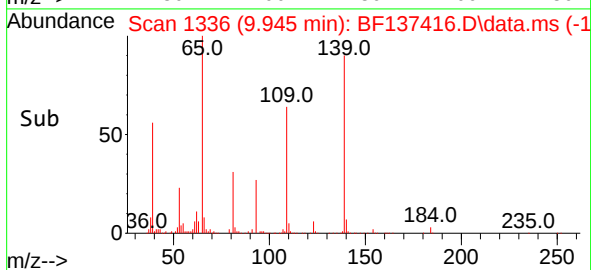
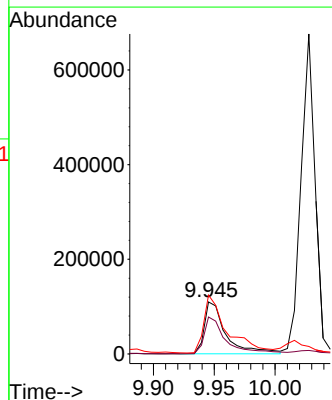
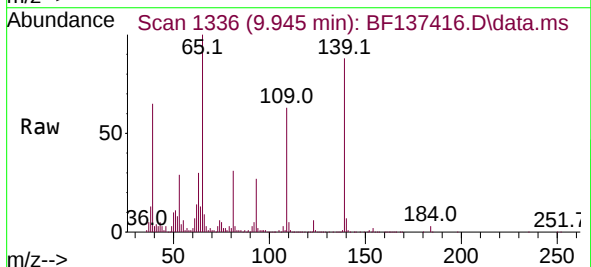
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

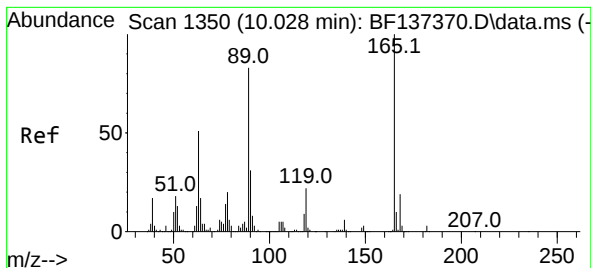
Tgt Ion:168 Resp: 1485414
Ion Ratio Lower Upper
168 100
139 37.5 28.9 43.3
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 30.606 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:139 Resp: 135529
Ion Ratio Lower Upper
139 100
109 71.0 48.0 88.0
65 113.4 82.2 122.2

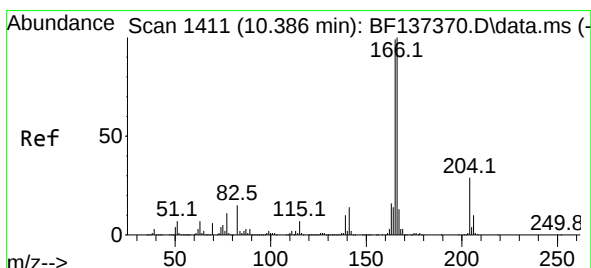
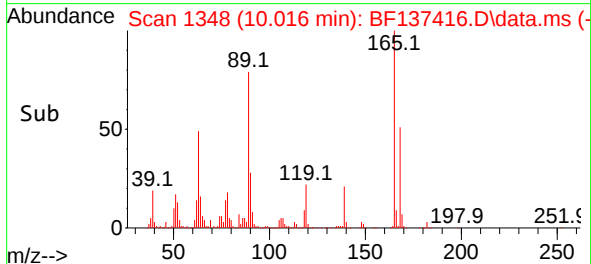
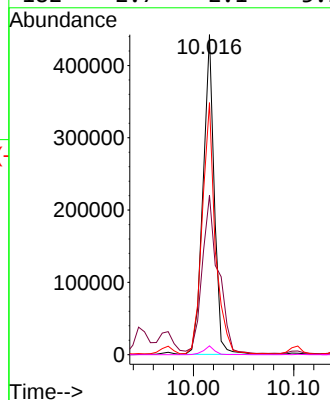
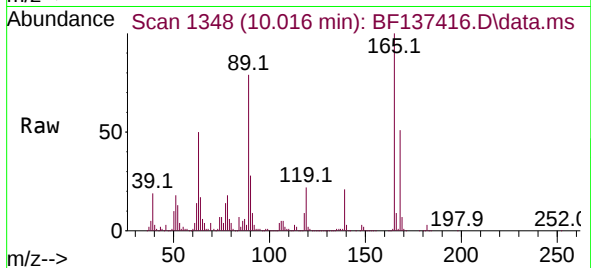




#57
2,4-Dinitrotoluene
Concen: 46.913 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

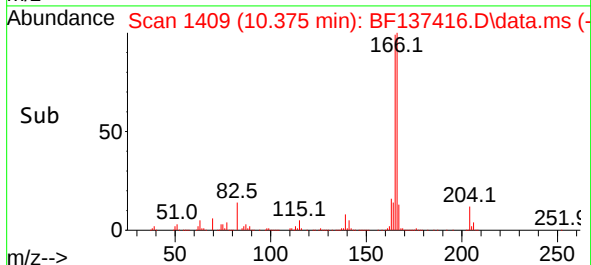
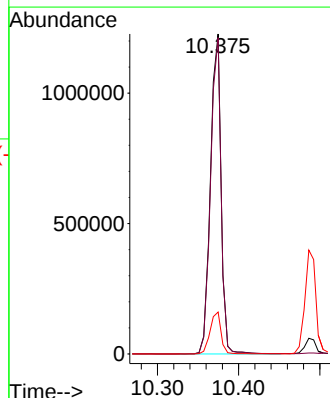
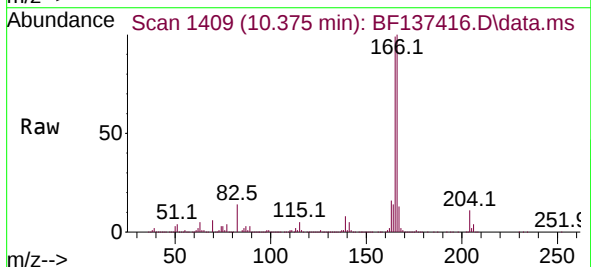
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

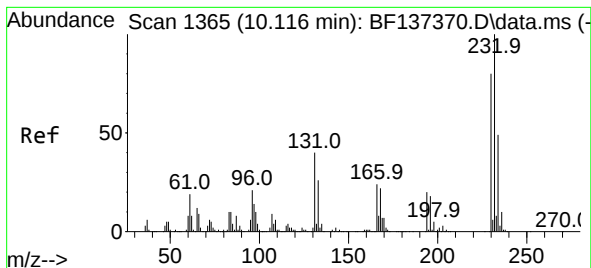
Tgt Ion:165 Resp: 345840
Ion Ratio Lower Upper
165 100
63 49.8 41.1 61.7
89 78.7 66.6 100.0
182 2.7 2.1 3.1



#58
Fluorene
Concen: 38.778 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:166 Resp: 1108086
Ion Ratio Lower Upper
166 100
165 98.9 78.8 118.2
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.974 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

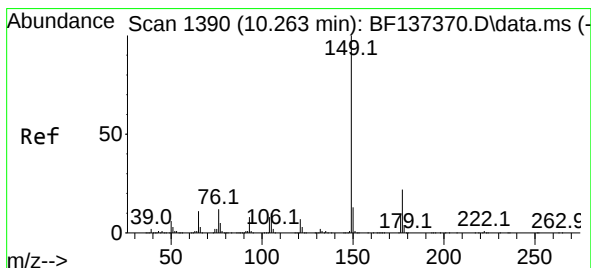
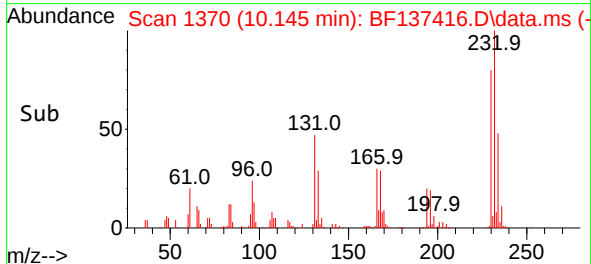
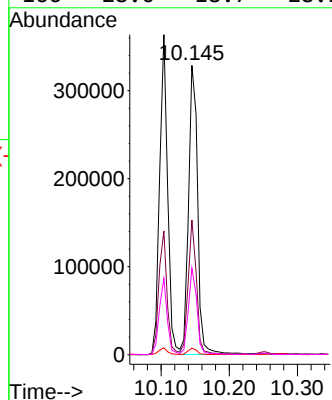
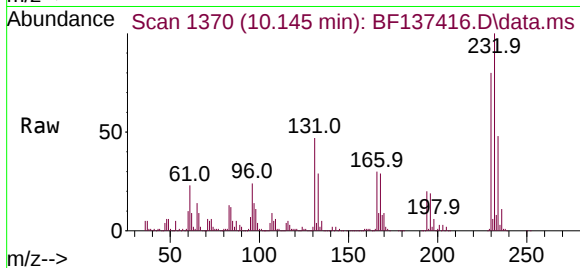
Instrument :

BNA_F

ClientSampleId :

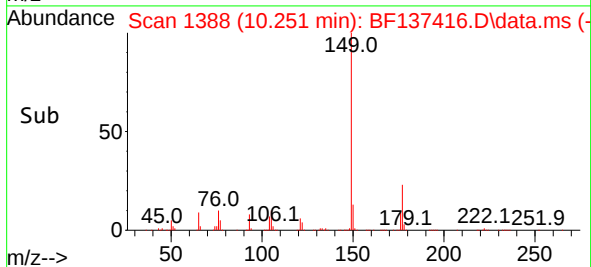
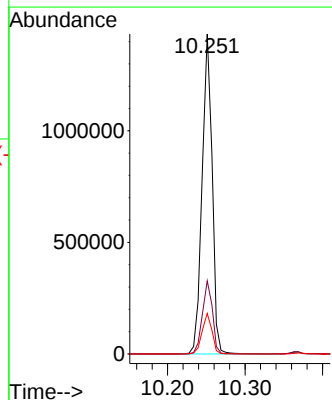
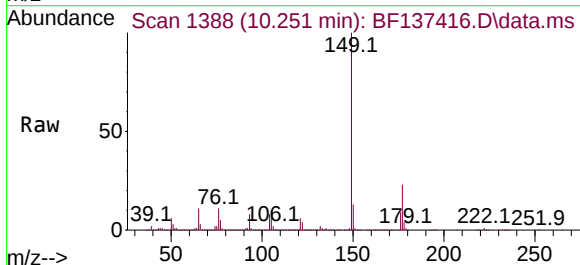
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

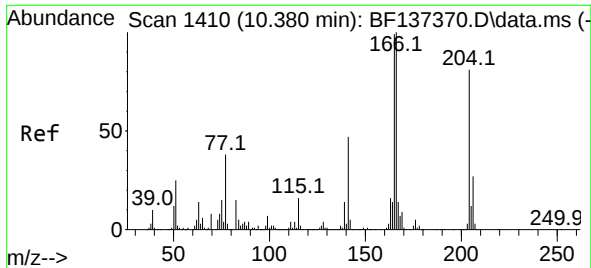
Tgt Ion:232 Resp: 300086
Ion Ratio Lower Upper
232 100
131 42.3 31.1 46.7
130 2.1 1.8 2.6
166 28.0 18.7 28.1



#60
Diethylphthalate
Concen: 44.144 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:149 Resp: 1292459
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.6 10.2 15.2





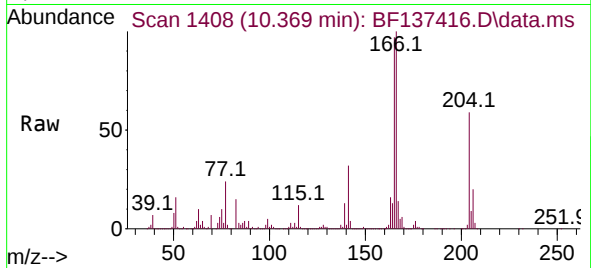
#61
4-Chlorophenyl-phenylether
Concen: 39.774 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Instrument :

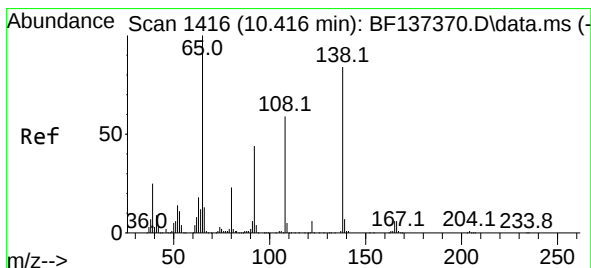
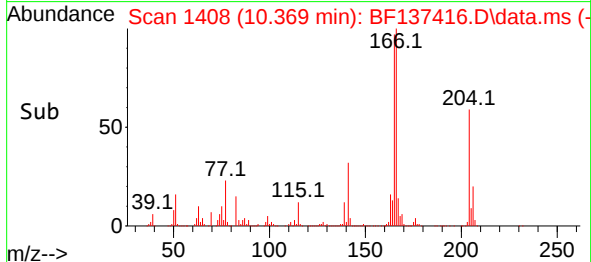
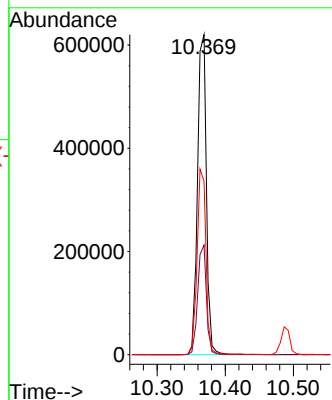
BNA_F

ClientSampleId :

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

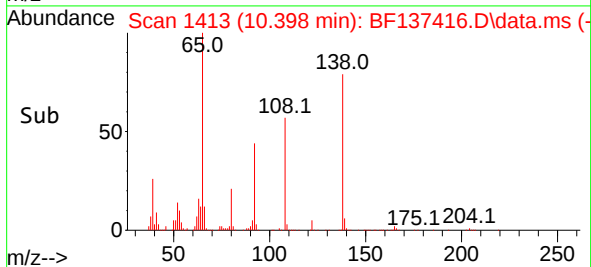
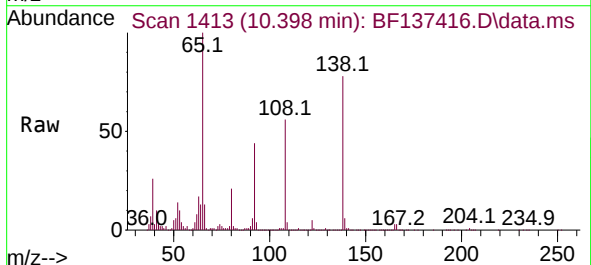
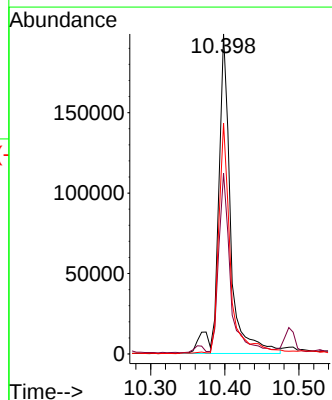


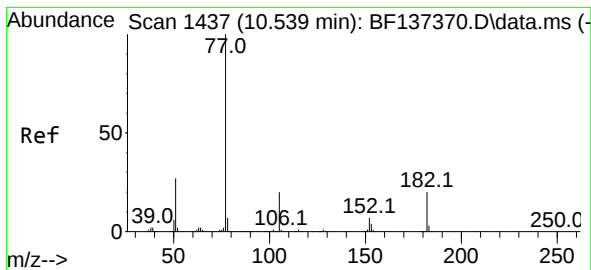
Tgt Ion:204 Resp: 559082
Ion Ratio Lower Upper
204 100
206 34.3 26.8 40.2
141 54.2 46.4 69.6



#62
4-Nitroaniline
Concen: 37.292 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:138 Resp: 226431
Ion Ratio Lower Upper
138 100
92 56.5 33.4 73.4
108 72.1 50.4 90.4



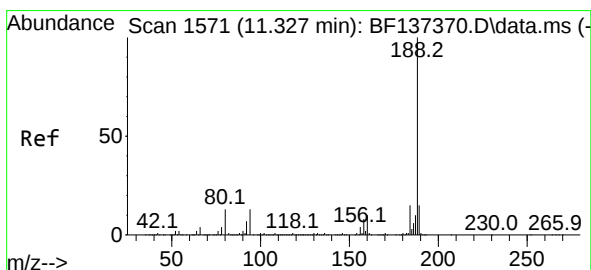
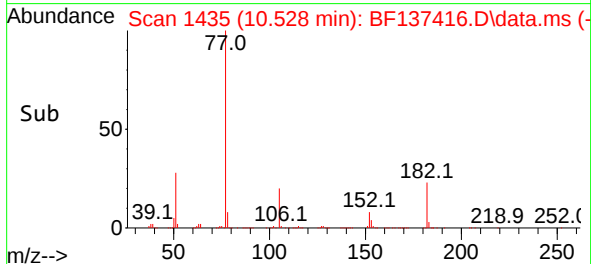
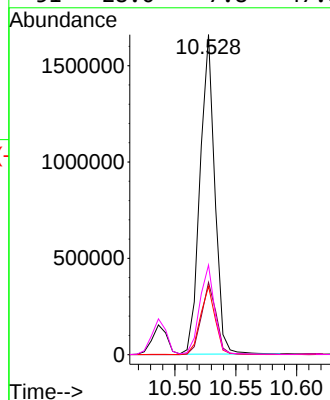
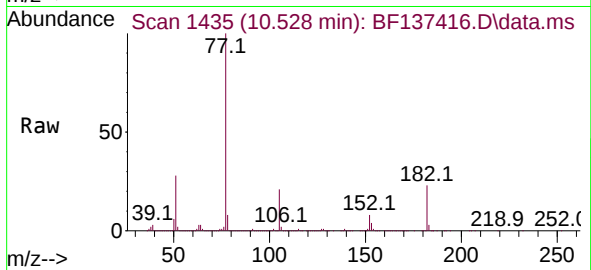


#63
Azobenzene
Concen: 39.763 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

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

Tgt Ion: 77 Resp: 1392881

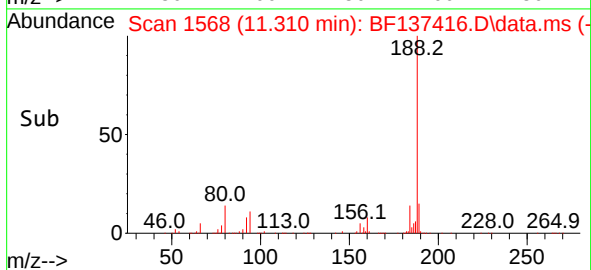
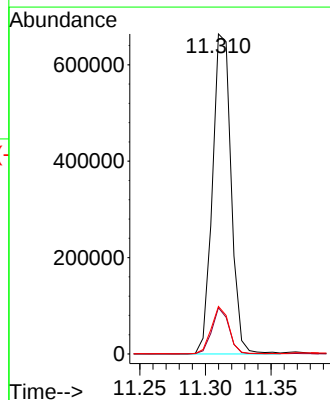
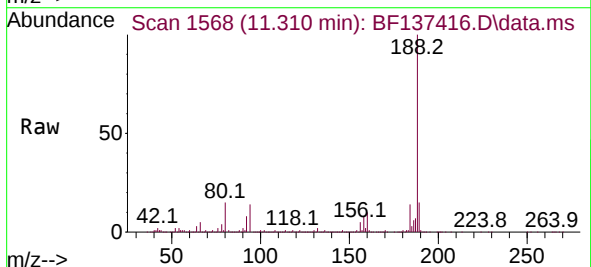
Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.0	39.6
105	21.4	0.4	40.4
51	28.0	7.8	47.8

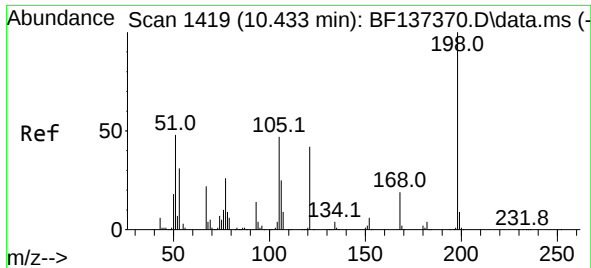


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion: 188 Resp: 657558

Ion	Ratio	Lower	Upper
188	100		
94	14.4	10.2	15.2
80	14.9	10.7	16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 37.479 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

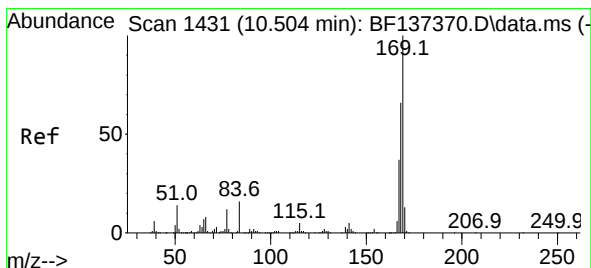
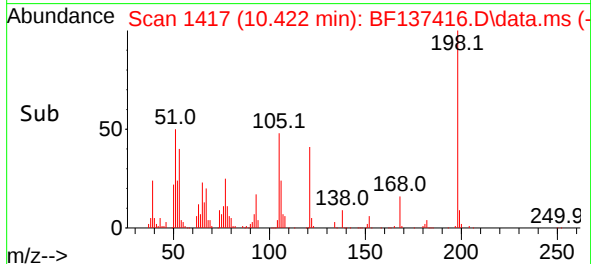
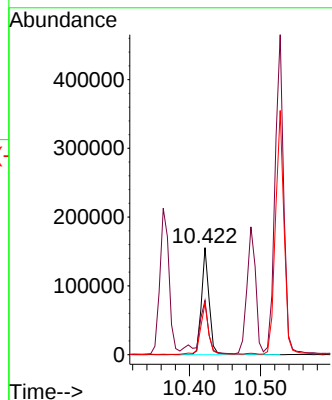
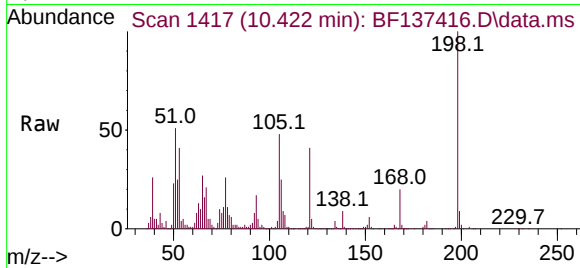
Instrument :

BNA_F

ClientSampleId :

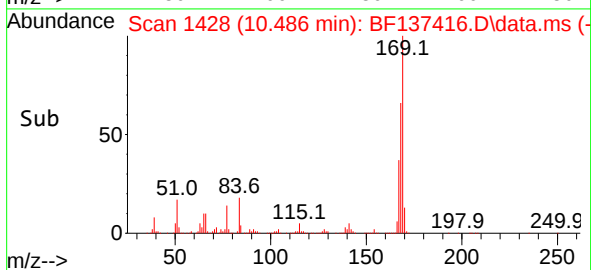
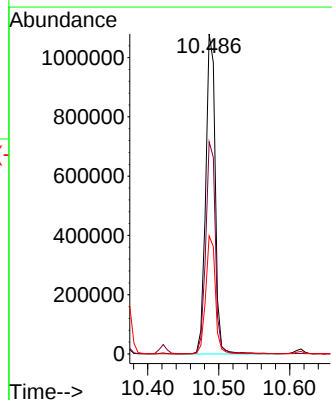
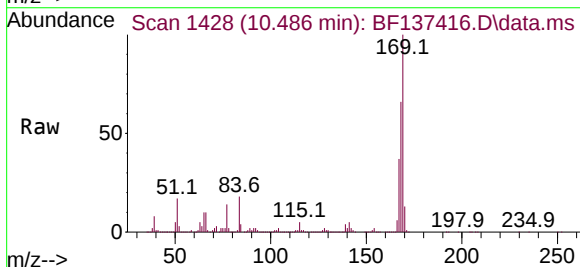
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

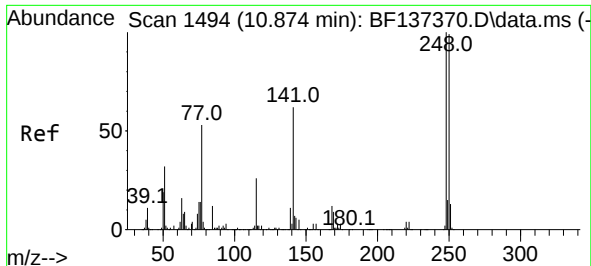
Tgt Ion:198 Resp: 117004
Ion Ratio Lower Upper
198 100
51 50.7 36.8 76.8
105 47.8 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 47.244 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:169 Resp: 1008923
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.9 29.2 43.8

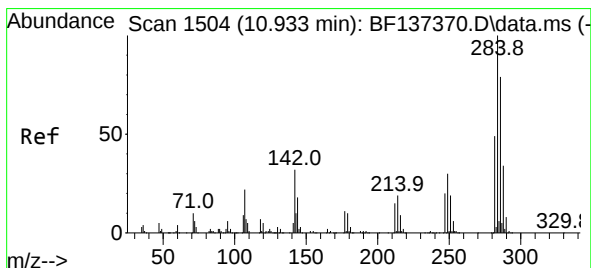
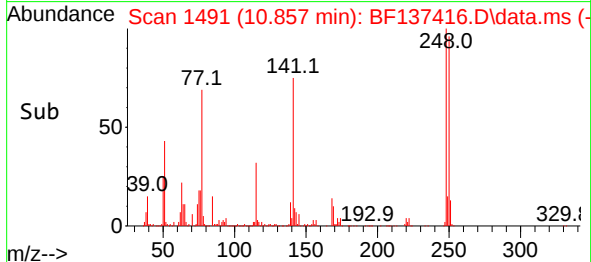
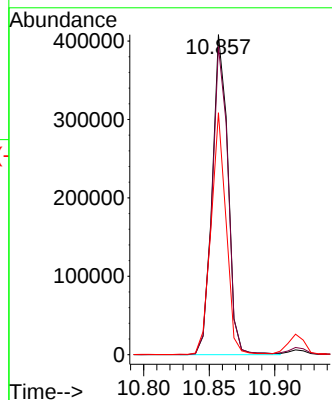
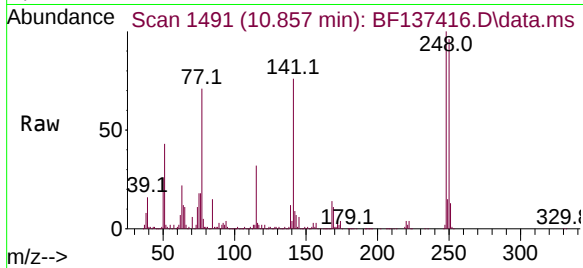




#67
4-Bromophenyl-phenylether
Concen: 48.269 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

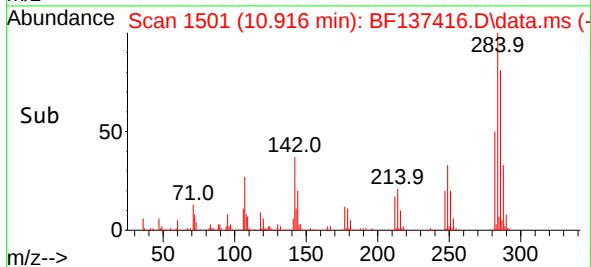
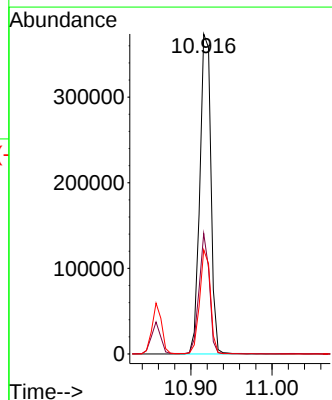
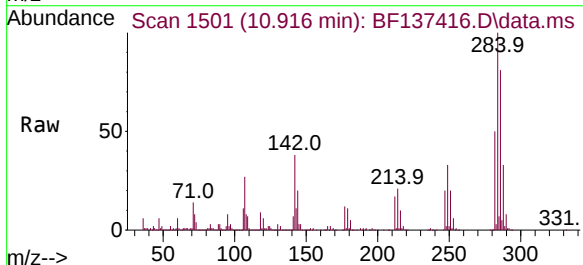
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

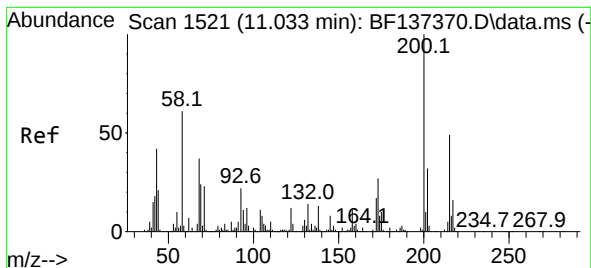
Tgt Ion:248 Resp: 341213
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.6
141 75.6 49.9 74.9#



#68
Hexachlorobenzene
Concen: 48.608 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:284 Resp: 355451
Ion Ratio Lower Upper
284 100
142 37.7 25.4 38.0
249 32.6 24.2 36.4





#69

Atrazine

Concen: 51.360 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF137416.D

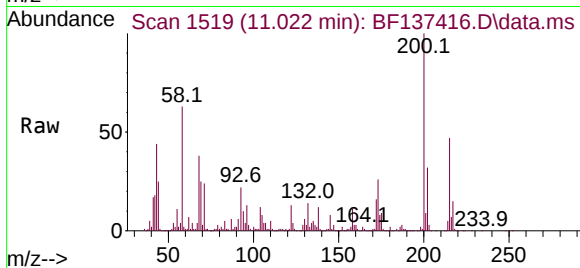
Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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



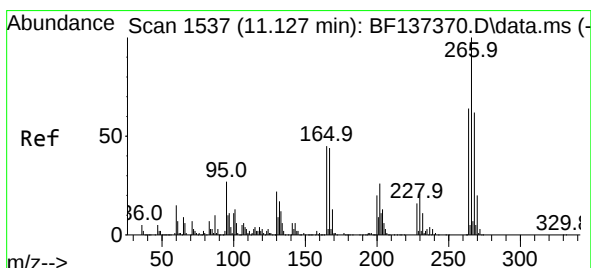
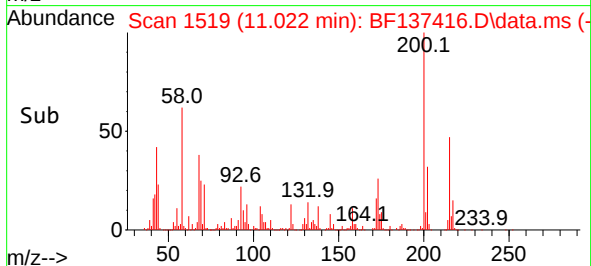
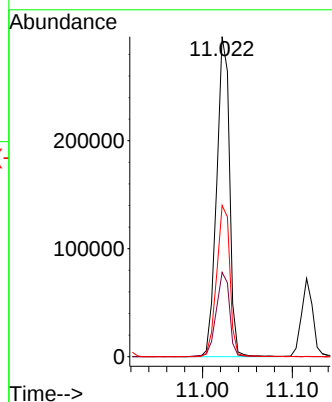
Tgt Ion:200 Resp: 295997

Ion Ratio Lower Upper

200 100

173 26.3 6.8 46.8

215 47.2 29.4 69.4



#70

Pentachlorophenol

Concen: 73.827 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

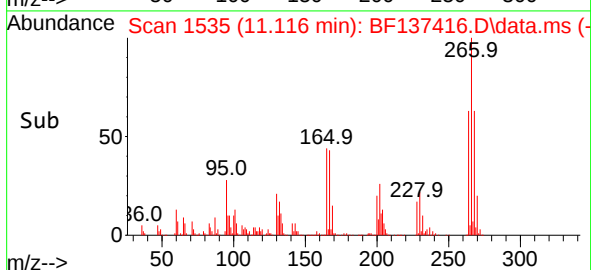
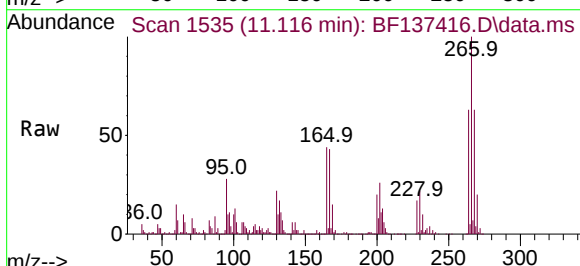
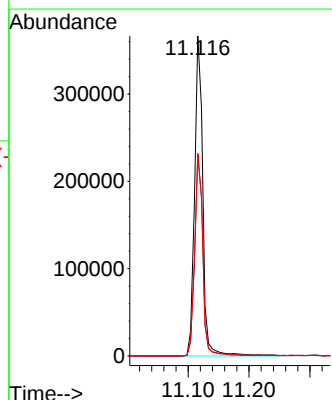
Tgt Ion:266 Resp: 342052

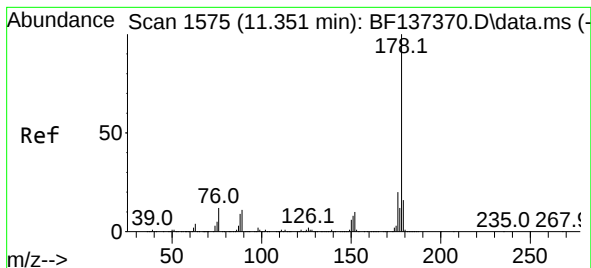
Ion Ratio Lower Upper

266 100

268 63.1 49.4 74.2

264 63.3 51.3 76.9





#71

Phenanthrene

Concen: 42.662 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

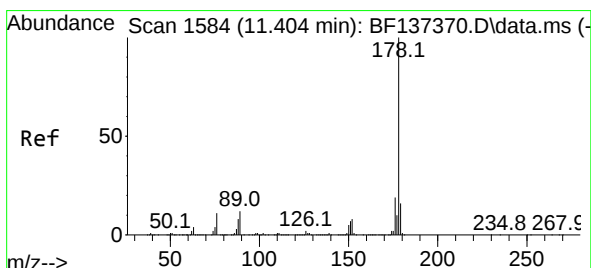
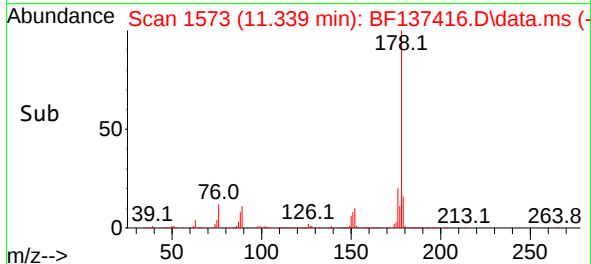
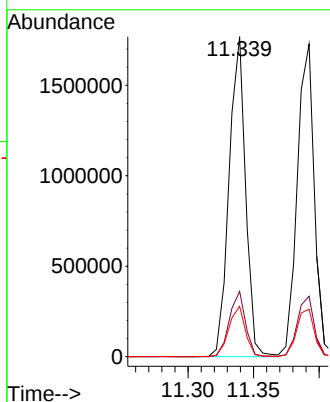
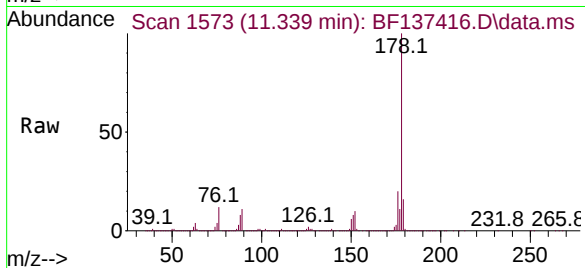
Tgt Ion:178 Resp: 1547723

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

179 15.7 12.7 19.1



#72

Anthracene

Concen: 42.465 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

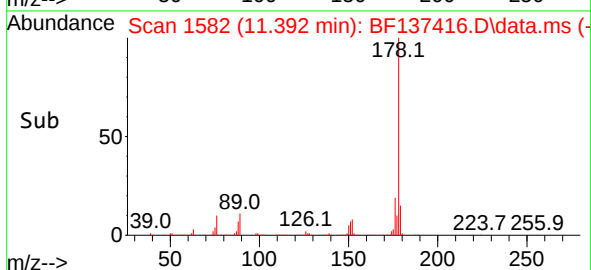
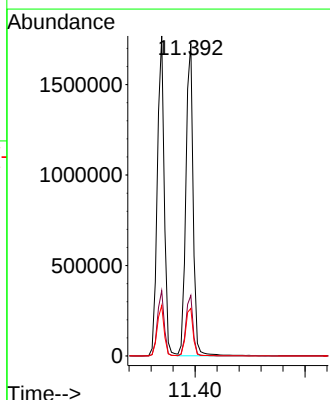
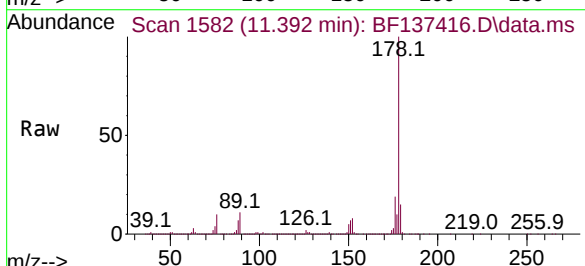
Tgt Ion:178 Resp: 1587653

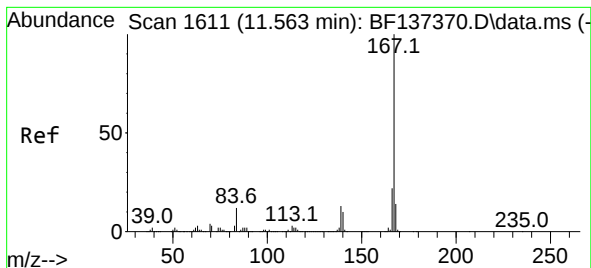
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.2 12.6 18.8

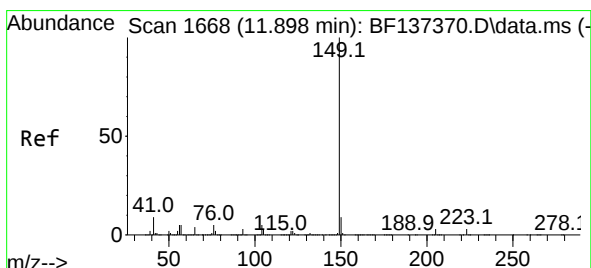
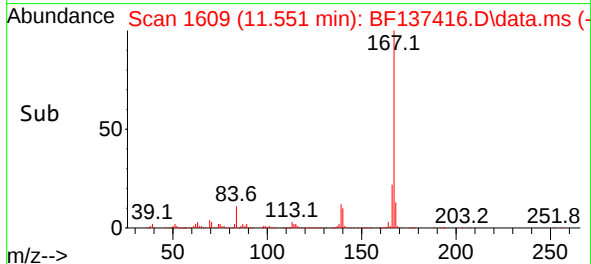
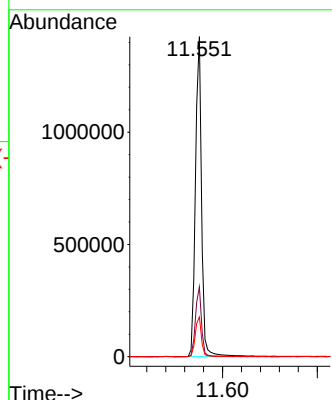
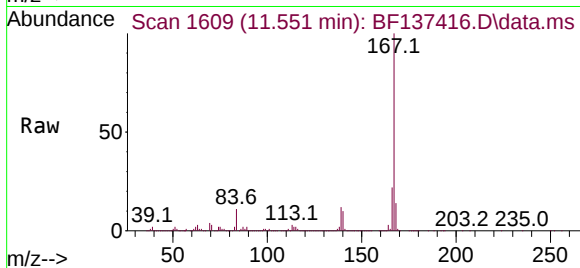




#73
Carbazole
Concen: 40.067 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

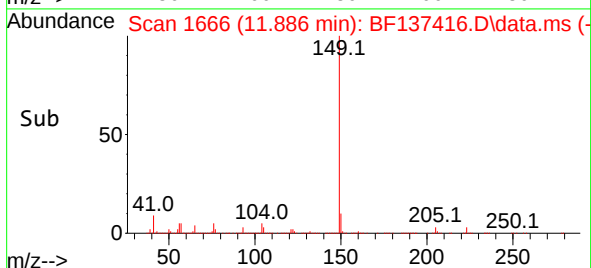
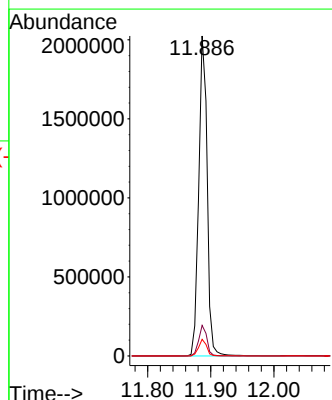
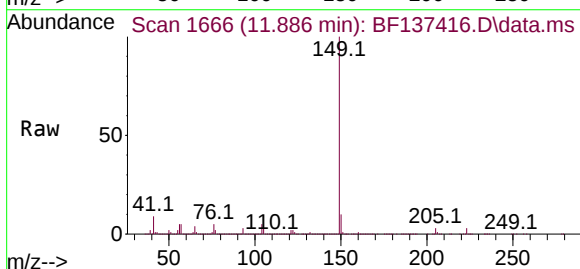
Instrument : BNA_F
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

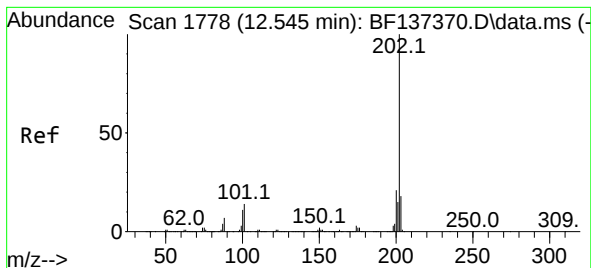
Tgt Ion:167 Resp: 1279887
Ion Ratio Lower Upper
167 100
166 21.8 17.8 26.6
139 12.4 10.0 15.0



#74
Di-n-butylphthalate
Concen: 58.243 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:149 Resp: 1861590
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 38.029 ng

RT: 12.539 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

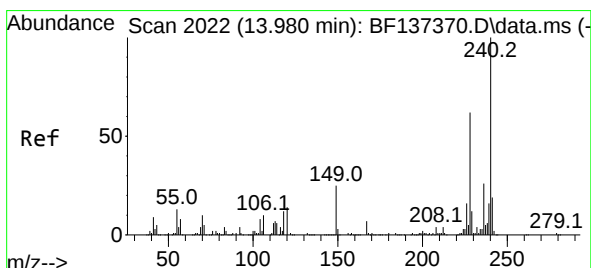
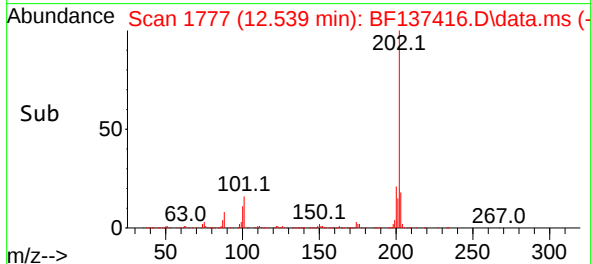
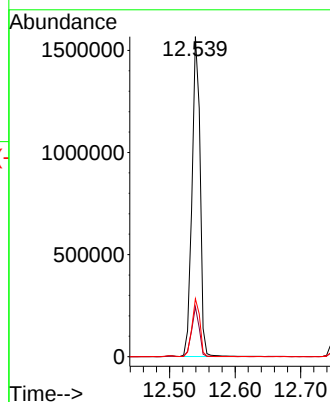
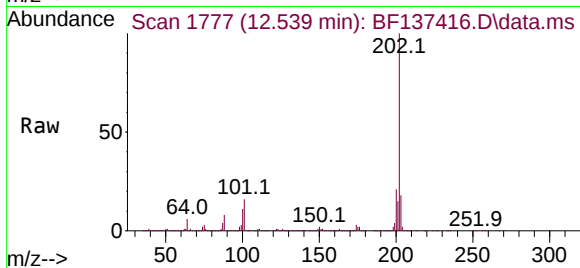
Tgt Ion:202 Resp: 1346697

Ion Ratio Lower Upper

202 100

101 15.6 0.0 33.9

203 18.1 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

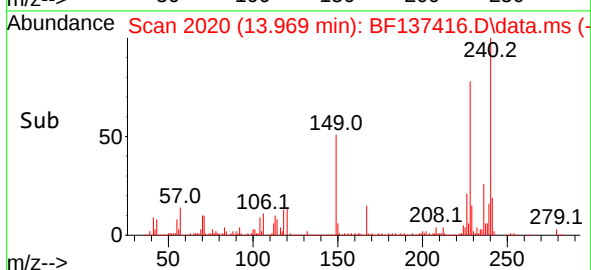
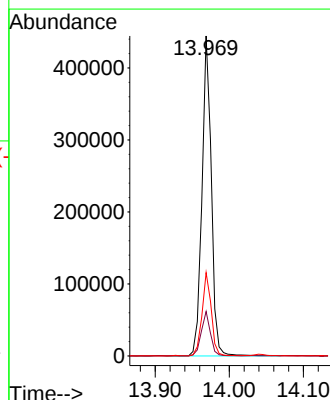
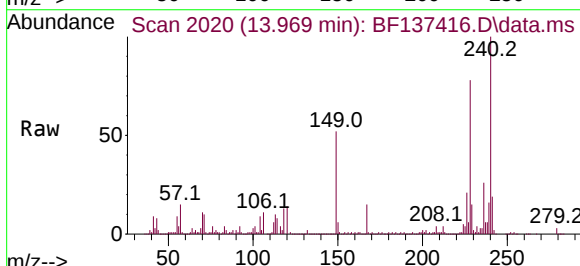
Tgt Ion:240 Resp: 389502

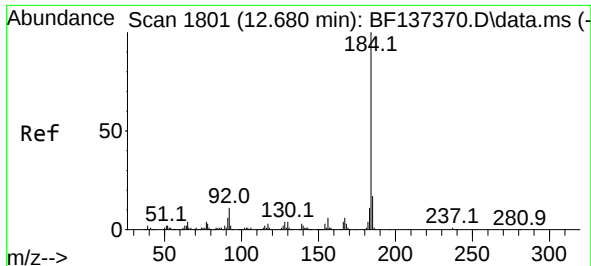
Ion Ratio Lower Upper

240 100

120 13.9 11.3 16.9

236 26.0 20.5 30.7

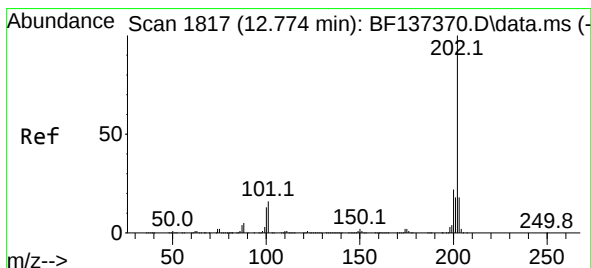
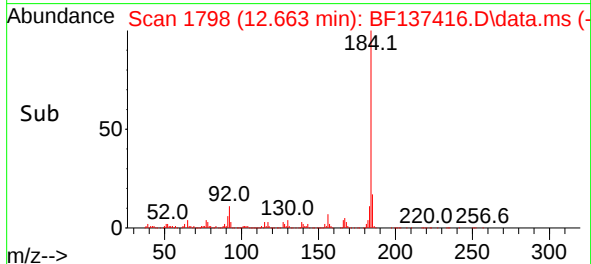
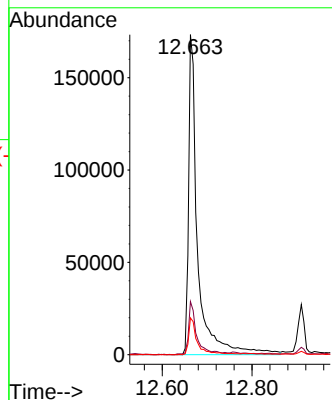
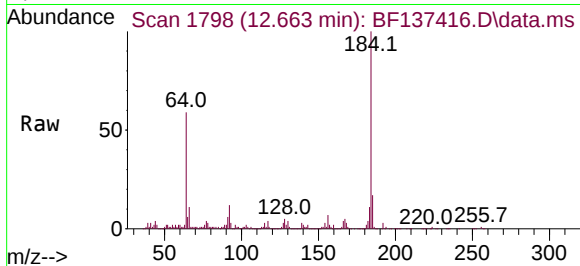




#77
Benzidine
Concen: 38.401 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

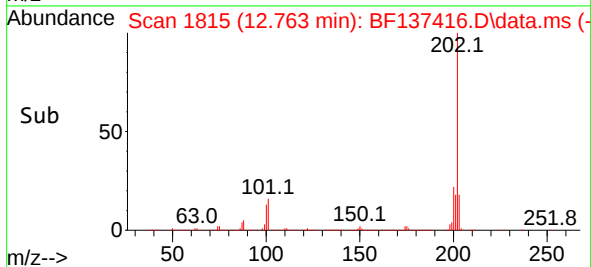
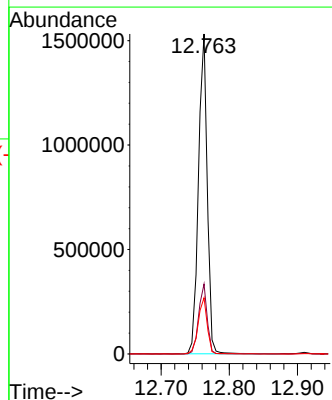
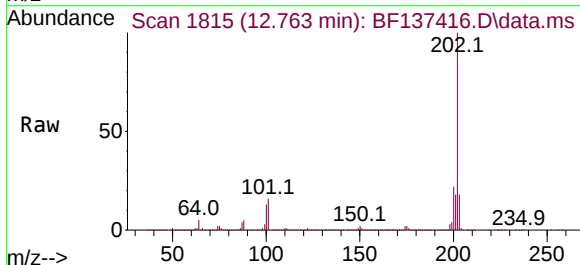
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

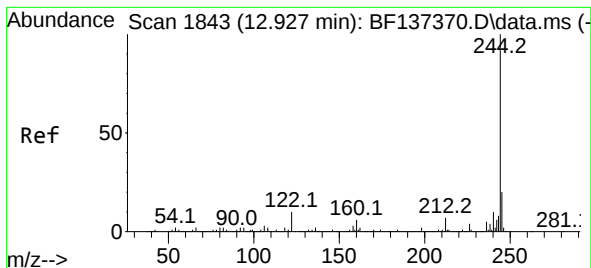
Tgt Ion:184 Resp: 244614
Ion Ratio Lower Upper
184 100
185 16.6 13.7 20.5
183 11.5 8.8 13.2



#78
Pyrene
Concen: 37.169 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:202 Resp: 1368959
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 70.961 ng

RT: 12.910 min Scan# 1843

Delta R.T. -0.017 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

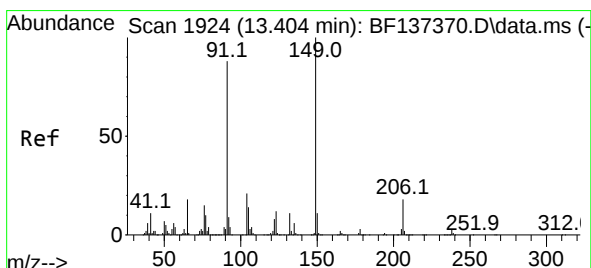
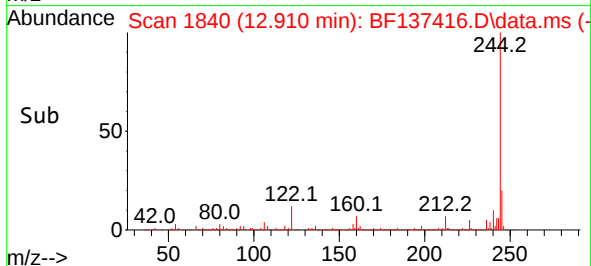
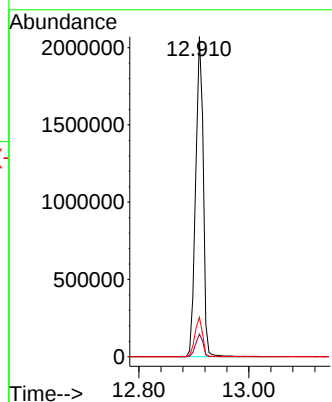
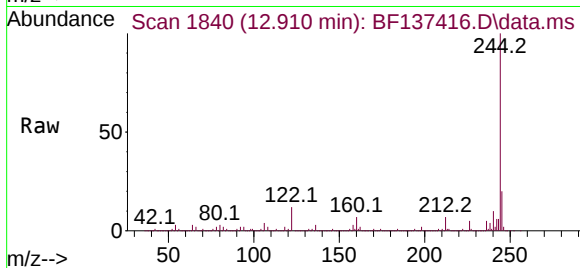
Tgt Ion:244 Resp: 1976110

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

122 12.3 8.2 12.4



#80

Butylbenzylphthalate

Concen: 70.478 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

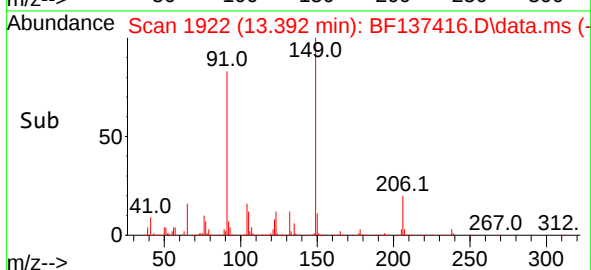
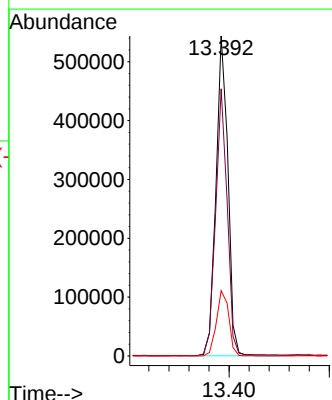
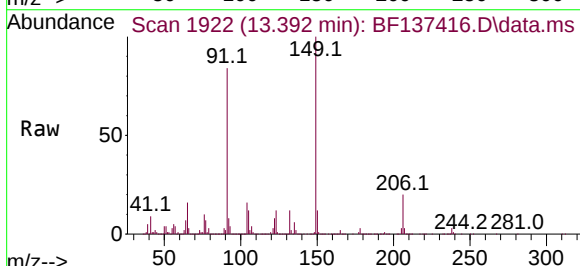
Tgt Ion:149 Resp: 449160

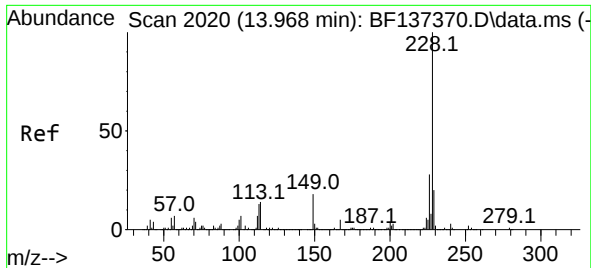
Ion Ratio Lower Upper

149 100

91 83.5 70.5 105.7

206 20.4 14.8 22.2

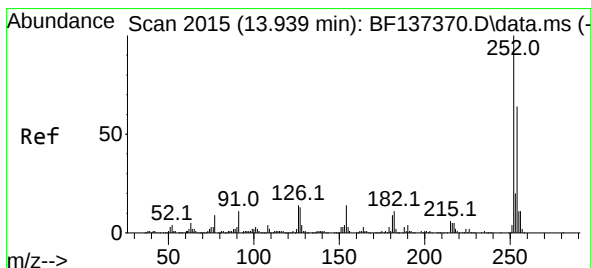
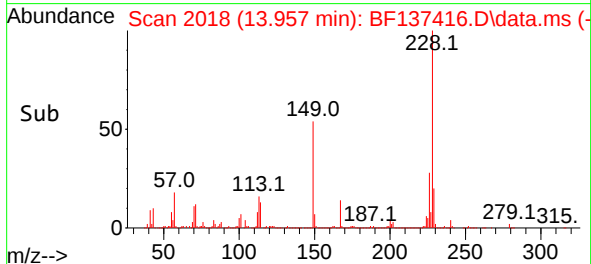
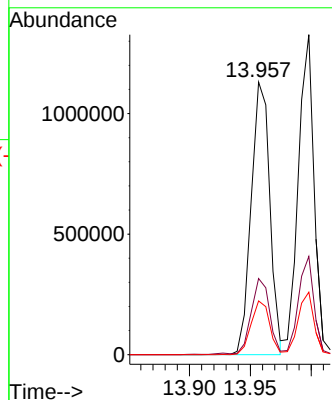
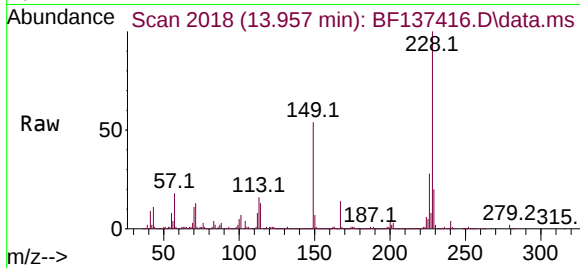




#81
Benzo(a)anthracene
Concen: 44.665 ng
RT: 13.957 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

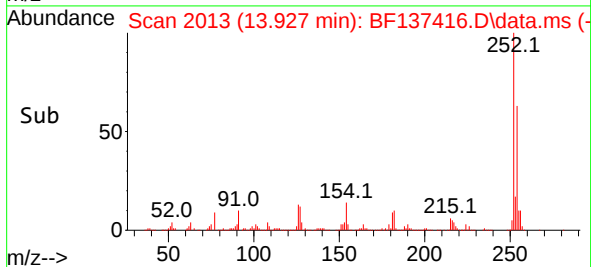
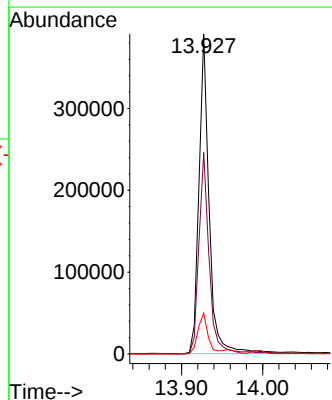
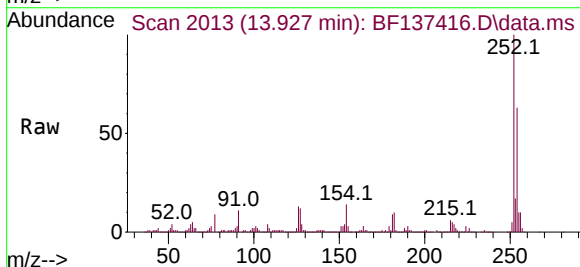
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

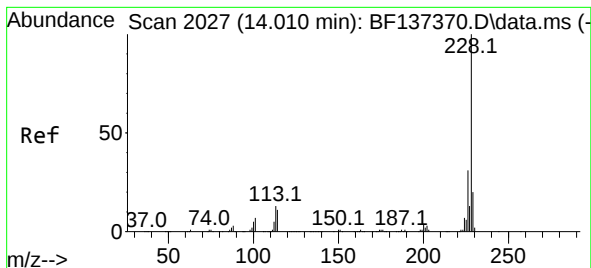
Tgt Ion:228 Resp: 1207221
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 53.684 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:252 Resp: 342549
Ion Ratio Lower Upper
252 100
254 63.0 51.2 76.8
126 12.8 11.1 16.7





#83

Chrysene

Concen: 44.085 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

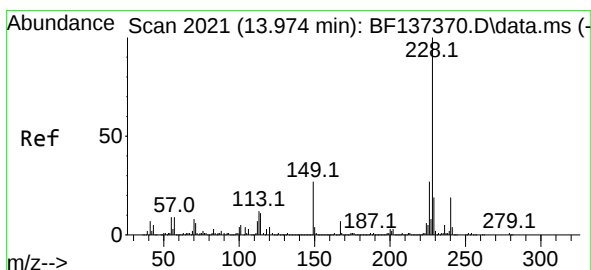
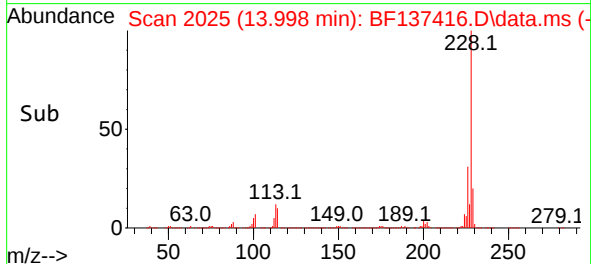
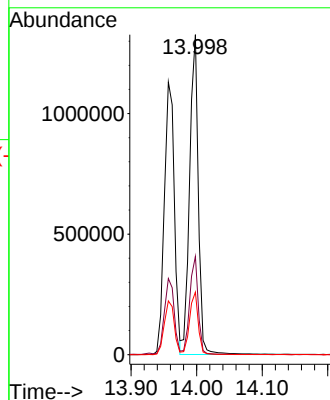
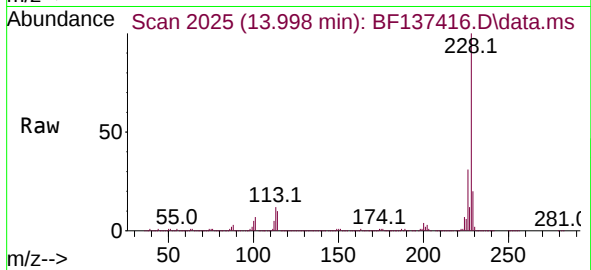
Tgt Ion:228 Resp: 1217205

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 80.929 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

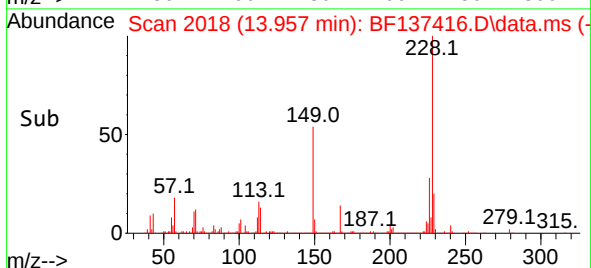
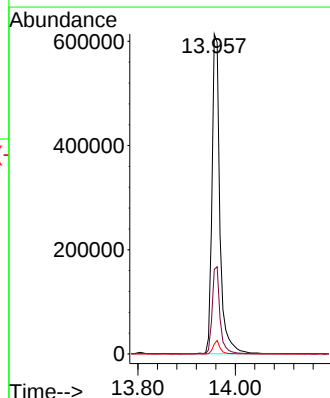
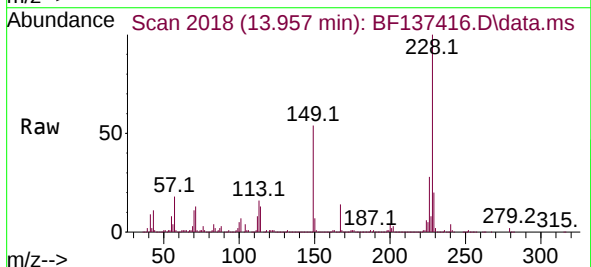
Tgt Ion:149 Resp: 686600

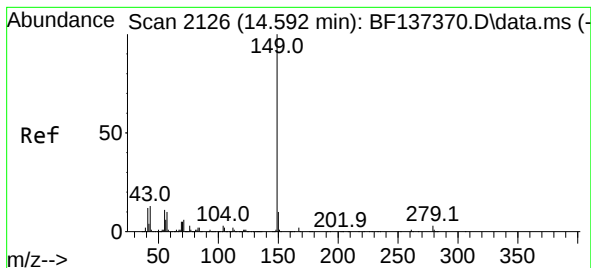
Ion Ratio Lower Upper

149 100

167 26.5 20.6 31.0

279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 80.004 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137416.D

Acq: 27 Feb 2024 20:41

Instrument :

BNA_F

ClientSampleId :

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

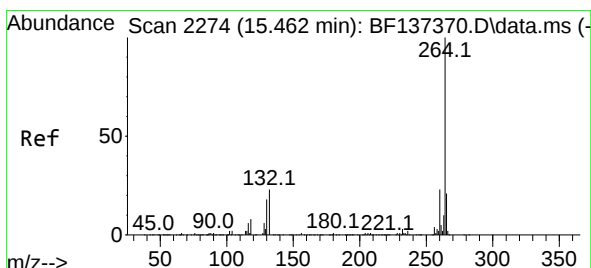
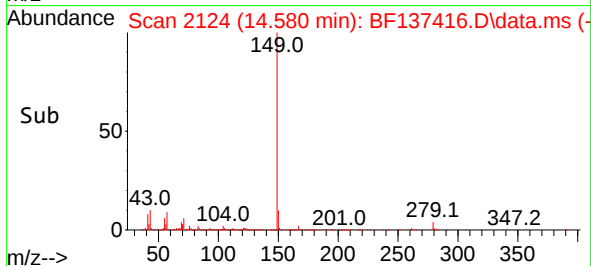
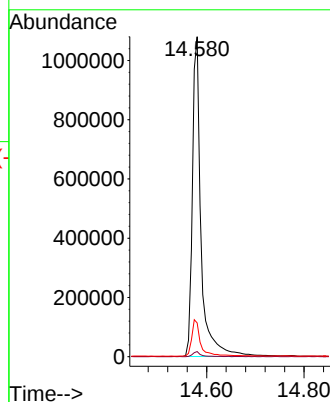
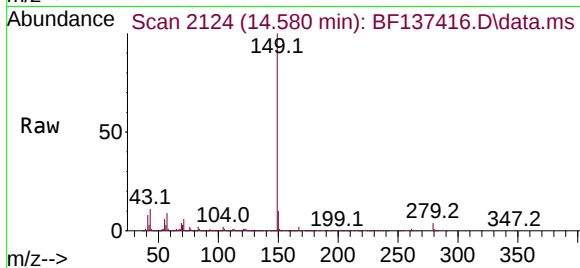
Tgt Ion:149 Resp: 1334145

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.1 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: BF137416.D

Acq: 27 Feb 2024 20:41

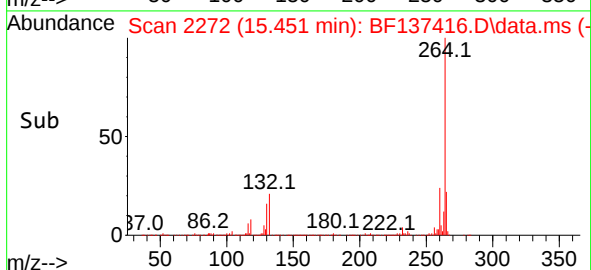
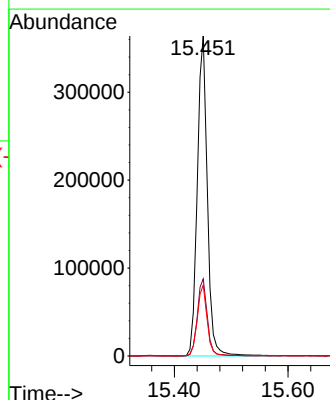
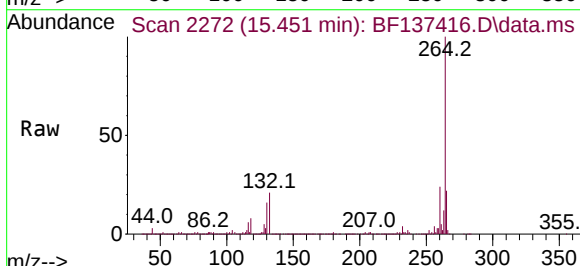
Tgt Ion:264 Resp: 449816

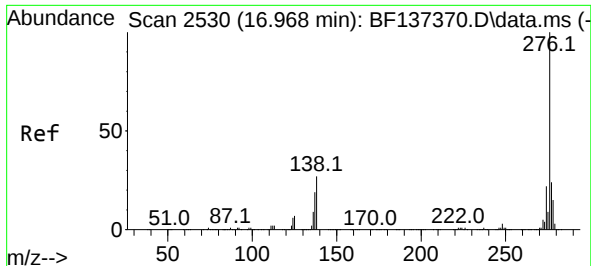
Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

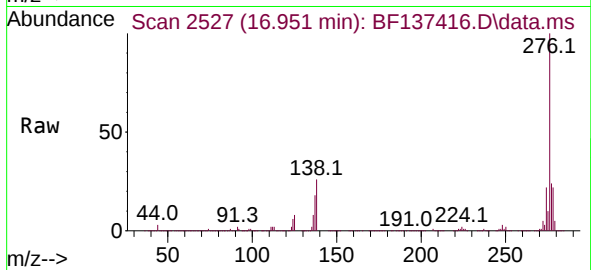
265 22.1 16.9 25.3



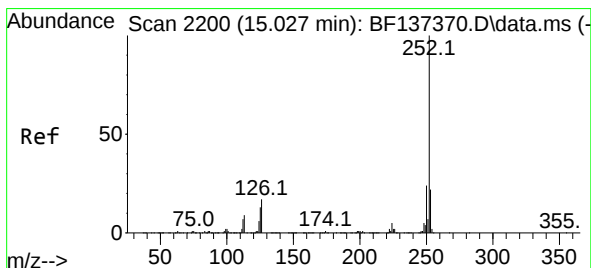
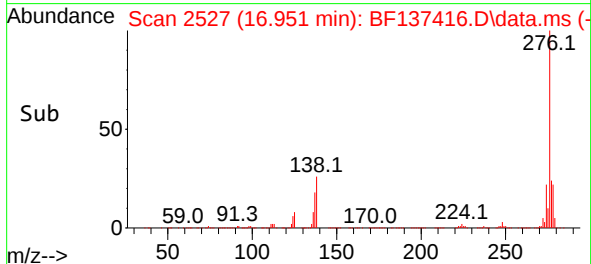
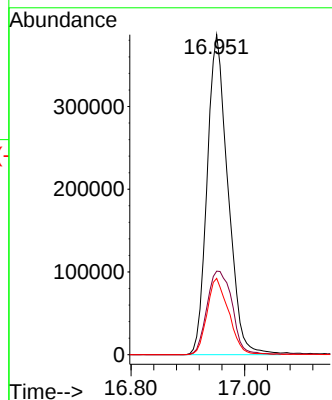


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 32.106 ng
 RT: 16.951 min Scan# 2199
 Delta R.T. -0.017 min
 Lab File: BF137416.D
 Acq: 27 Feb 2024 20:41

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

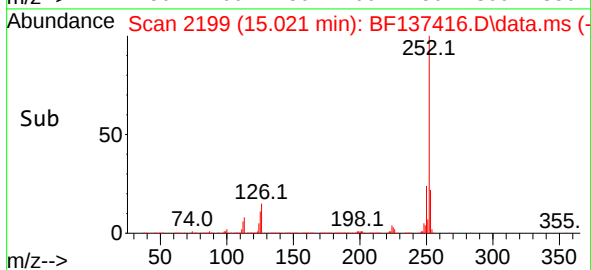
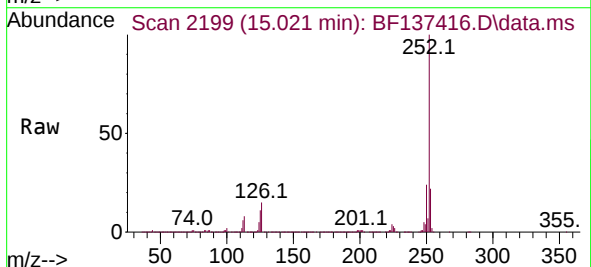
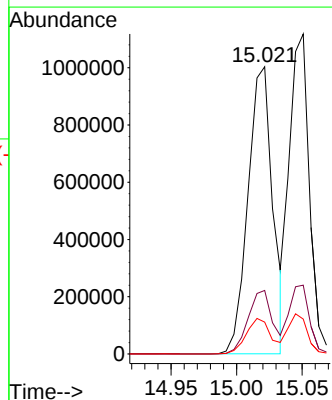


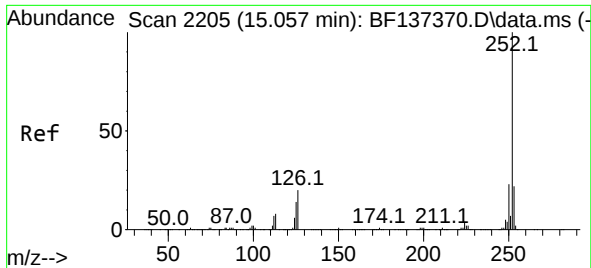
Tgt Ion:276 Resp: 979918
 Ion Ratio Lower Upper
 276 100
 138 31.8 25.8 38.8
 277 24.9 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 47.711 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF137416.D
 Acq: 27 Feb 2024 20:41

Tgt Ion:252 Resp: 1316541
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 11.1 10.2 15.2

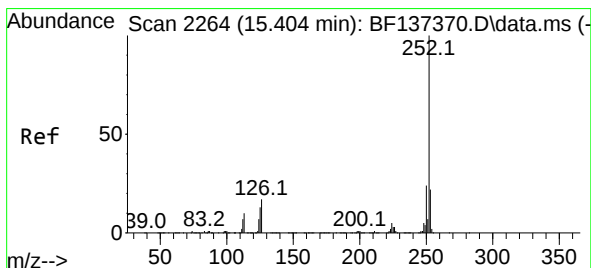
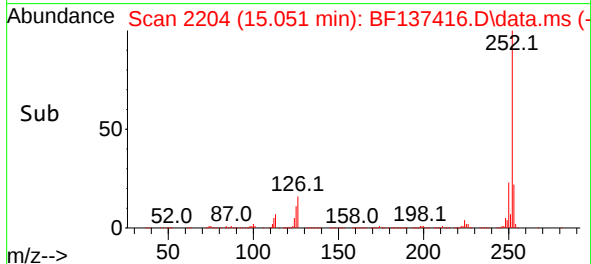
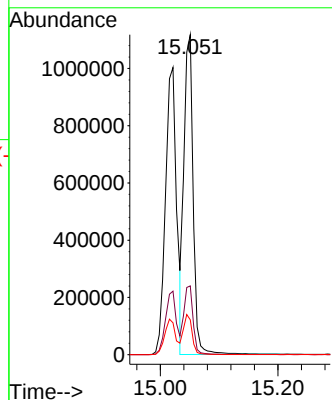
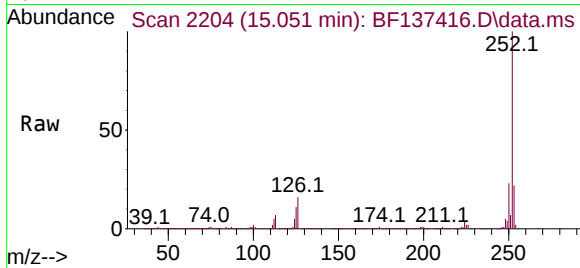




#89
Benzo(k)fluoranthene
Concen: 42.019 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

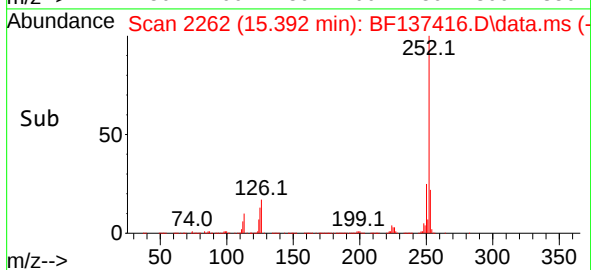
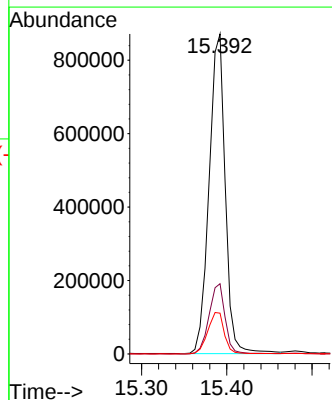
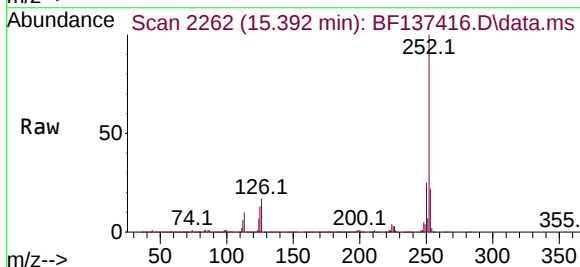
Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

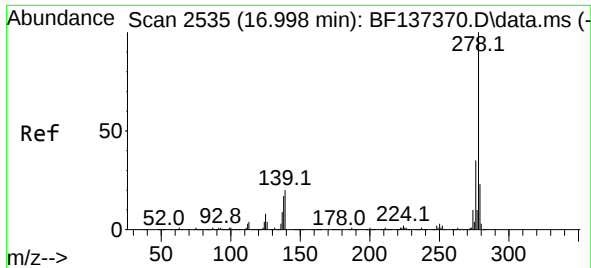
Tgt Ion:252 Resp: 1215241
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.9 10.7 16.1



#90
Benzo(a)pyrene
Concen: 43.797 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:252 Resp: 1146334
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.7 10.6 16.0

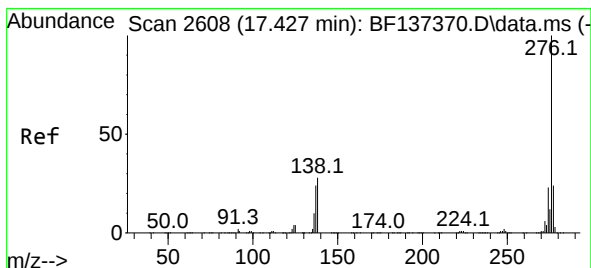
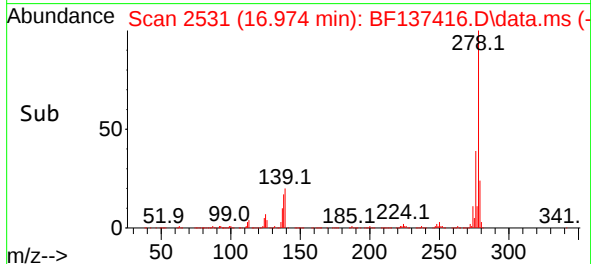
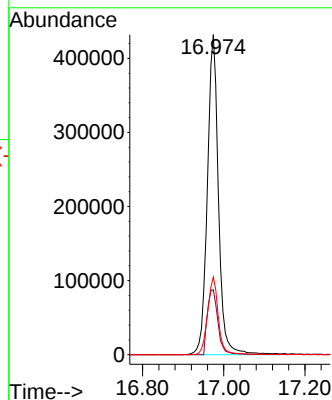
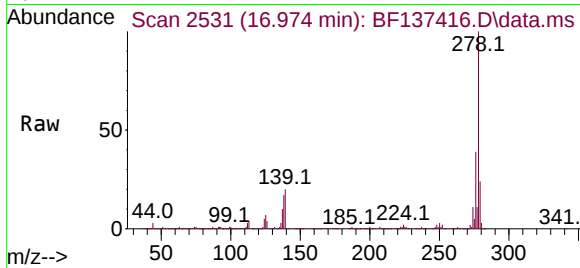




#91
Dibenzo(a,h)anthracene
Concen: 32.596 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

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

Tgt Ion:278 Resp: 818891
Ion Ratio Lower Upper
278 100
139 20.3 16.2 24.4
279 24.3 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 27.568 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.023 min
Lab File: BF137416.D
Acq: 27 Feb 2024 20:41

Tgt Ion:276 Resp: 703046
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 27.8 22.6 33.8

