

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137409.D
 Acq On : 27 Feb 2024 17:15
 Operator : CG\JU
 Sample : P1524-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

Quant Time: Feb 27 17:33:59 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	6.781	152	222527	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	859403	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	447259	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	640186	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	377798	20.000	ng	-0.01
86) Perylene-d12	15.451	264	439752	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	778663	53.993	ng	-0.01
7) Phenol-d6	6.422	99	629397	29.669	ng	-0.02
23) Nitrobenzene-d5	7.351	82	1547156	89.877	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	437250	112.266	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2328318	81.045	ng	-0.01
79) Terphenyl-d14	12.910	244	1889382	69.949	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	112604	14.253	ng	100
3) Pyridine	3.334	79	141493	8.681	ng	98
4) n-Nitrosodimethylamine	3.275	42	93529	16.106	ng	# 94
6) Aniline	6.451	93	207626	8.253	ng	95
8) 2-Chlorophenol	6.569	128	554004	35.816	ng	99
9) Benzaldehyde	6.334	77	85773	8.398	ng	97
10) Phenol	6.434	94	257216	11.078	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	729018	43.212	ng	97
12) 1,3-Dichlorobenzene	6.722	146	664935	40.031	ng	99
13) 1,4-Dichlorobenzene	6.804	146	676993	39.586	ng	97
14) 1,2-Dichlorobenzene	6.951	146	642566	40.620	ng	99
15) Benzyl Alcohol	6.928	79	331712	26.231	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1252845	44.678	ng	99
17) 2-Methylphenol	7.045	107	358868	24.521	ng	95
18) Hexachloroethane	7.292	117	224675	38.125	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	563017	43.068	ng	98
20) 3+4-Methylphenols	7.198	107	366806	21.990	ng	# 74
22) Acetophenone	7.192	105	984578	47.245	ng	# 92
24) Nitrobenzene	7.369	77	813550	46.511	ng	98
25) Isophorone	7.604	82	1581224	44.418	ng	100
26) 2-Nitrophenol	7.681	139	345623	51.486	ng	95
27) 2,4-Dimethylphenol	7.722	122	451265	34.469	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	930640	45.356	ng	98
29) 2,4-Dichlorophenol	7.922	162	524667	42.758	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	581972	44.187	ng	99
31) Naphthalene	8.086	128	1918543	41.599	ng	99
32) Benzoic acid	7.828	122	108734	18.558	ng	98
33) 4-Chloroaniline	8.139	127	124266	7.084	ng	97
34) Hexachlorobutadiene	8.204	225	329777	42.148	ng	99
35) Caprolactam	8.516	113	24162	6.367	ng	97
36) 4-Chloro-3-methylphenol	8.616	107	494265	35.530	ng	98
37) 2-Methylnaphthalene	8.775	142	1213724	40.841	ng	99
38) 1-Methylnaphthalene	8.875	142	1131556	40.272	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	582438	47.280	ng	98
41) Hexachlorocyclopentadiene	8.928	237	248237	44.445	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	367258	45.980	ng	99

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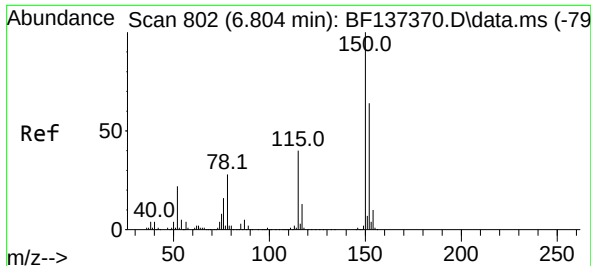
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	381430	41.625	ng	98
46) 1,1'-Biphenyl	9.245	154	1482952	45.524	ng	99
47) 2-Chloronaphthalene	9.269	162	1140083	46.343	ng	98
48) 2-Nitroaniline	9.369	65	358116	47.936	ng	95
49) Acenaphthylene	9.680	152	1804849	45.156	ng	99
50) Dimethylphthalate	9.551	163	1396416	45.184	ng	99
51) 2,6-Dinitrotoluene	9.610	165	288557	50.188	ng	# 86
52) Acenaphthene	9.857	154	1017434	42.643	ng	100
53) 3-Nitroaniline	9.780	138	127102	20.756	ng	99
54) 2,4-Dinitrophenol	9.886	184	217851	76.984	ng	98
55) Dibenzofuran	10.027	168	1560307	42.313	ng	98
56) 4-Nitrophenol	9.945	139	94316	23.034	ng	94
57) 2,4-Dinitrotoluene	10.016	165	352266	48.451	ng	94
58) Fluorene	10.374	166	1143498	40.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	311843	41.096	ng	99
60) Diethylphthalate	10.251	149	1318781	45.705	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	569521	41.112	ng	94
62) 4-Nitroaniline	10.398	138	185295	31.259	ng	98
63) Azobenzene	10.527	77	1448574	41.960	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	151047	48.228	ng	94
66) n-Nitrosodiphenylamine	10.486	169	1032240	49.648	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	344772	50.096	ng	94
68) Hexachlorobenzene	10.916	284	350376	49.214	ng	93
69) Atrazine	11.022	200	297904	53.093	ng	99
70) Pentachlorophenol	11.116	266	378173	83.839	ng	100
71) Phenanthrene	11.339	178	1551744	43.934	ng	99
72) Anthracene	11.392	178	1601775	44.006	ng	100
73) Carbazole	11.545	167	1274695	40.988	ng	99
74) Di-n-butylphthalate	11.886	149	1873942	60.220	ng	100
75) Fluoranthene	12.533	202	1347777	39.092	ng	99
77) Benzidine	12.668	184	44883	12.887	ng	97
78) Pyrene	12.757	202	1362099	38.129	ng	99
80) Butylbenzylphthalate	13.392	149	436948	70.620	ng	94
81) Benzo(a)anthracene	13.957	228	1203996	45.926	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	284343	46.668	ng	99
83) Chrysene	13.992	228	1212109	45.261	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	677325	81.909	ng	99
85) Di-n-octyl phthalate	14.580	149	1337384	81.595	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.945	276	993393	33.223	ng	99
88) Benzo(b)fluoranthene	15.015	252	1240009	45.966	ng	99
89) Benzo(k)fluoranthene	15.045	252	1276613	45.151	ng	99
90) Benzo(a)pyrene	15.386	252	1138453	44.491	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	821279	33.399	ng	97
92) Benzo(g,h,i)perylene	17.403	276	716352	28.645	ng	99

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

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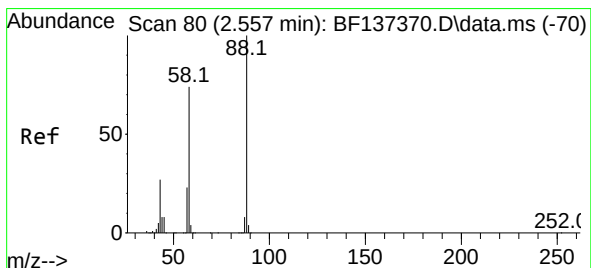
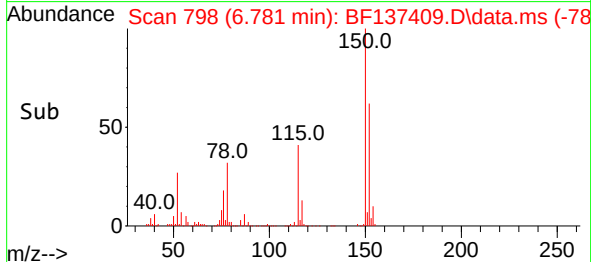
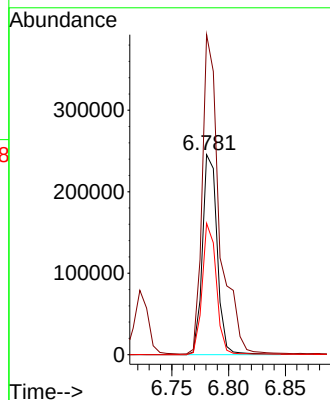
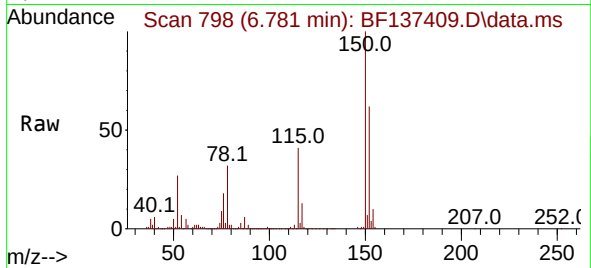




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

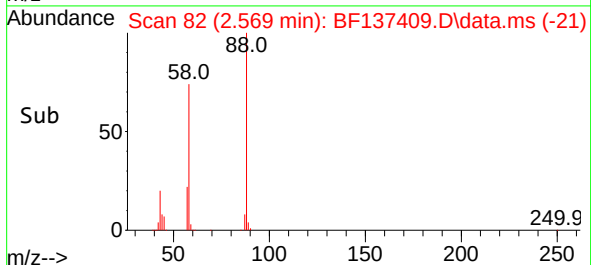
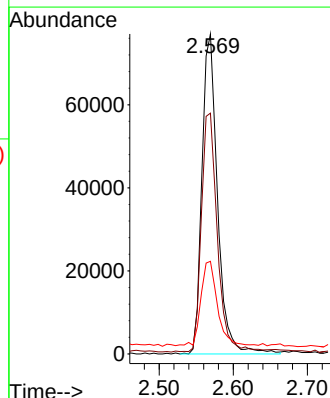
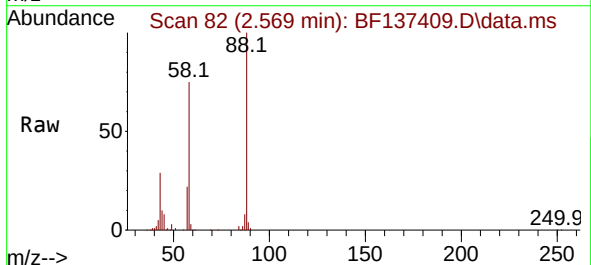
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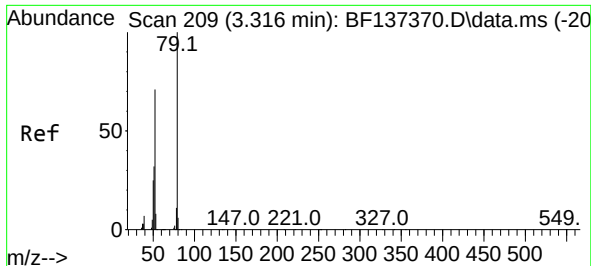
Tgt Ion:152 Resp: 222527
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.7 188.5
 115 65.7 49.8 74.8



#2
 1,4-Dioxane
 Concen: 14.253 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.012 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

Tgt Ion: 88 Resp: 112604
 Ion Ratio Lower Upper
 88 100
 58 75.8 60.6 91.0
 43 27.6 22.0 33.0

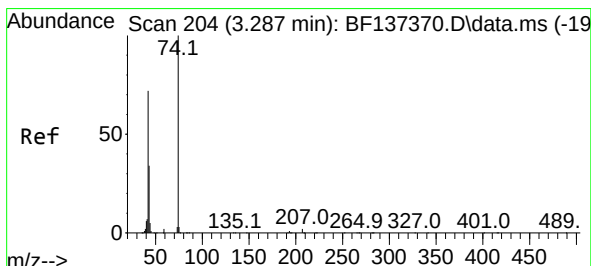
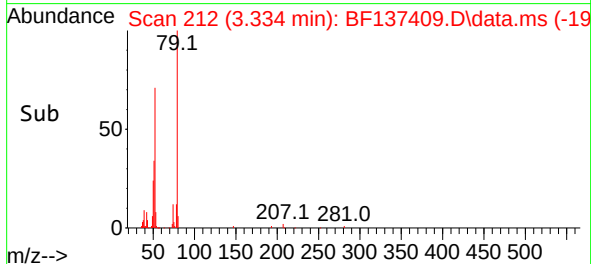
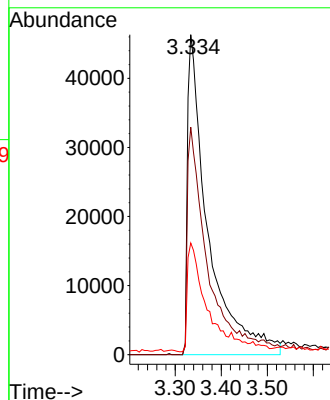
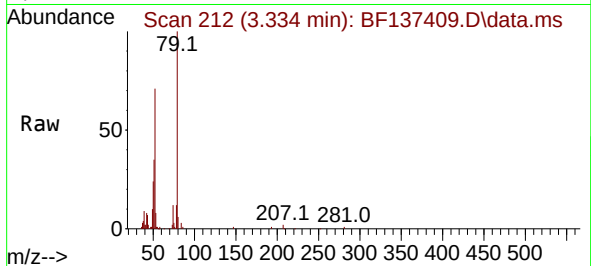




#3
 Pyridine
 Concen: 8.681 ng
 RT: 3.334 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

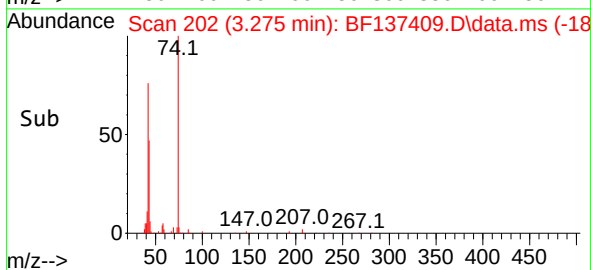
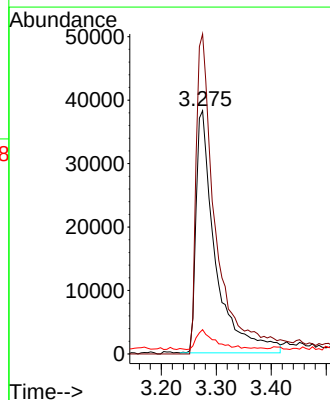
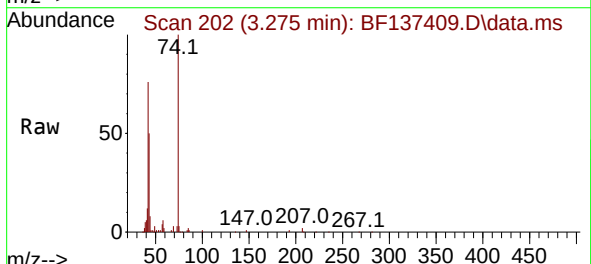
Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

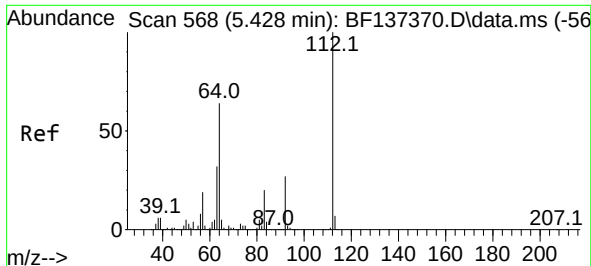
Tgt Ion: 79 Resp: 141493
 Ion Ratio Lower Upper
 79 100
 52 71.1 56.5 84.7
 51 34.9 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 16.106 ng
 RT: 3.275 min Scan# 202
 Delta R.T. -0.012 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

Tgt Ion: 42 Resp: 93529
 Ion Ratio Lower Upper
 42 100
 74 131.6 110.8 166.2
 44 10.0 6.0 9.0

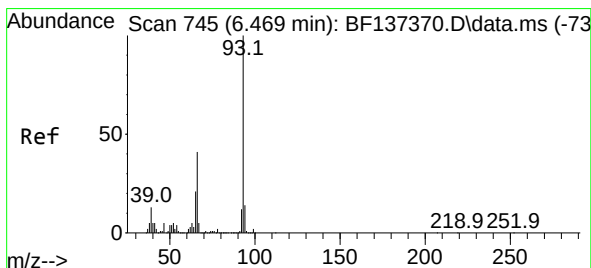
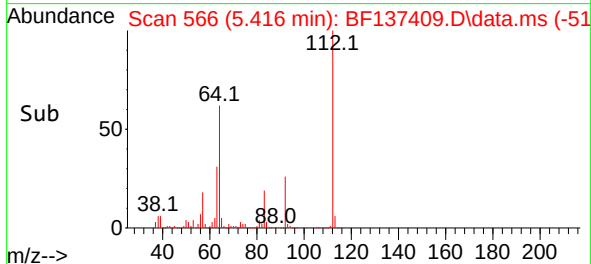
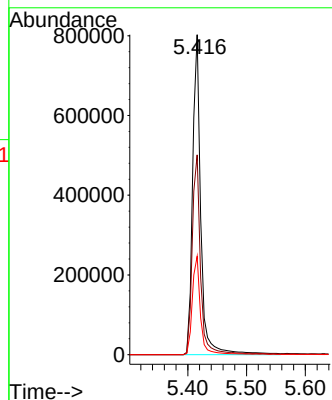
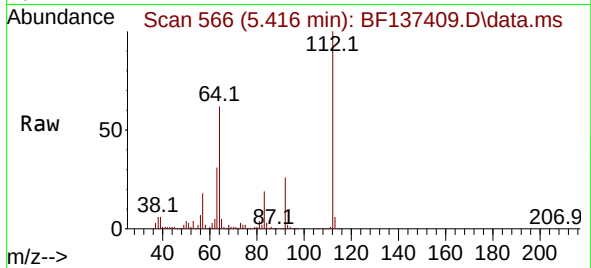




#5
2-Fluorophenol
Concen: 53.993 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

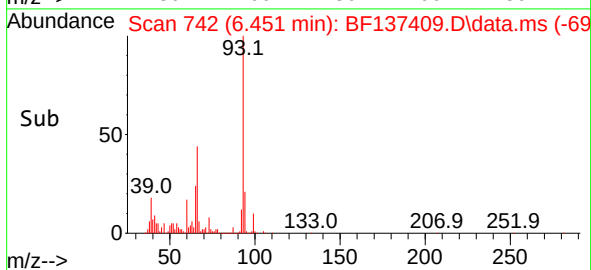
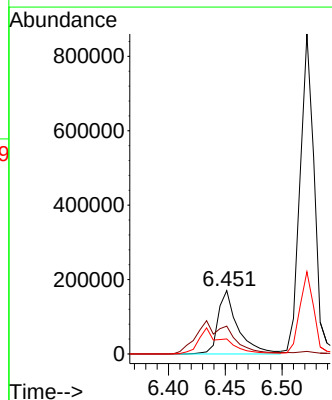
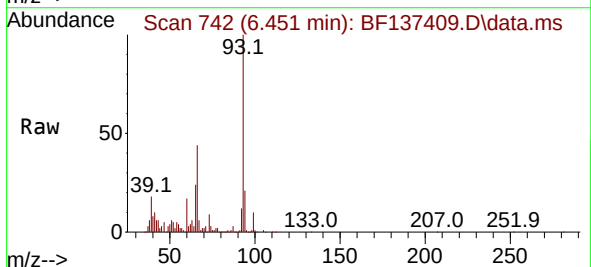
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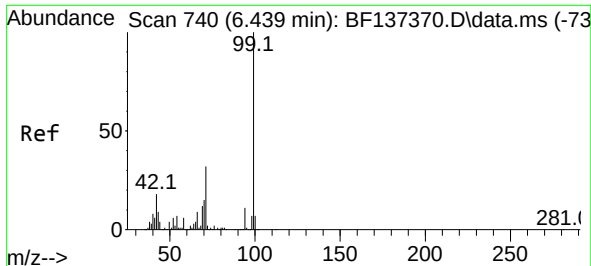
Tgt Ion:112 Resp: 778663
Ion Ratio Lower Upper
112 100
64 62.5 51.0 76.6
63 30.7 25.7 38.5



#6
Aniline
Concen: 8.253 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion: 93 Resp: 207626
Ion Ratio Lower Upper
93 100
66 44.0 33.0 49.4
65 23.8 17.0 25.6

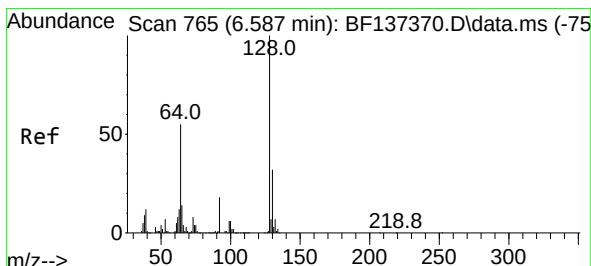
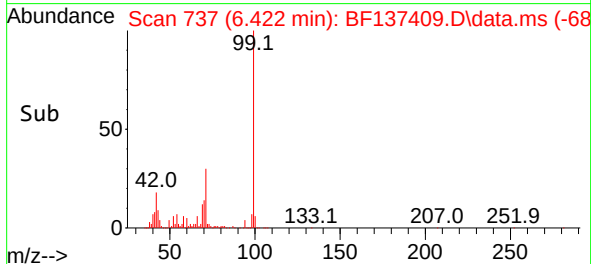
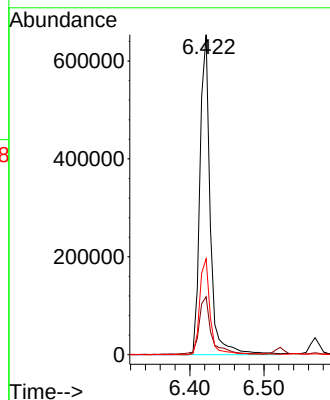
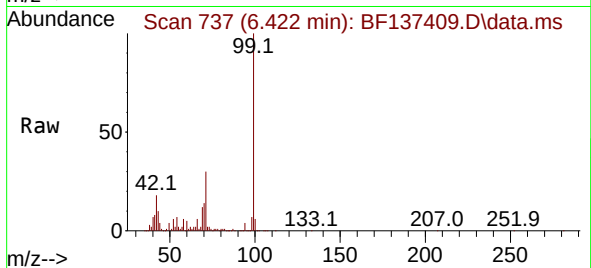




#7
Phenol-d6
Concen: 29.669 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

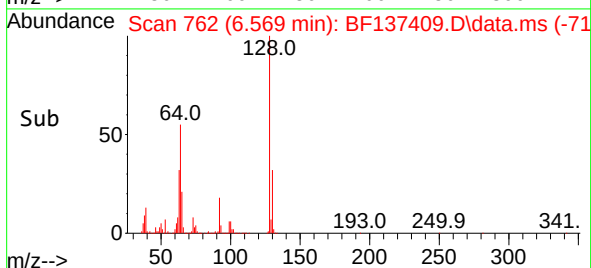
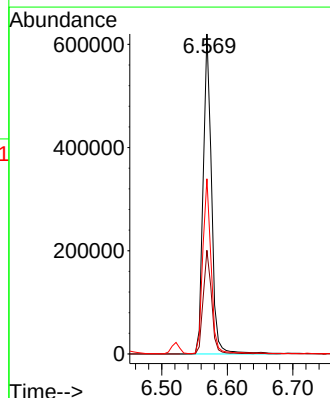
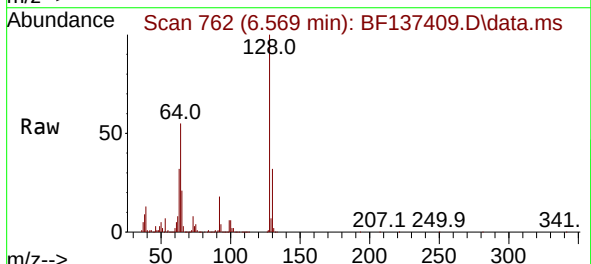
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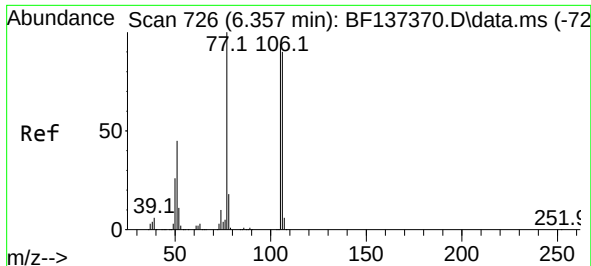
Tgt Ion: 99 Resp: 629397
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.0 25.2 37.8



#8
2-Chlorophenol
Concen: 35.816 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion: 128 Resp: 554004
Ion Ratio Lower Upper
128 100
130 32.4 12.1 52.1
64 54.7 35.3 75.3





#9

Benzaldehyde

Concen: 8.398 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF137409.D

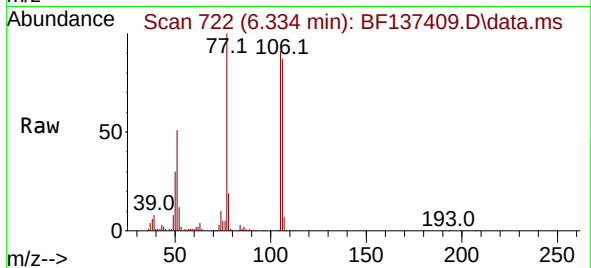
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BNA_F

ClientSampleId :

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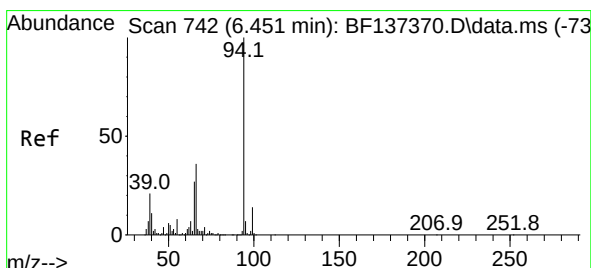
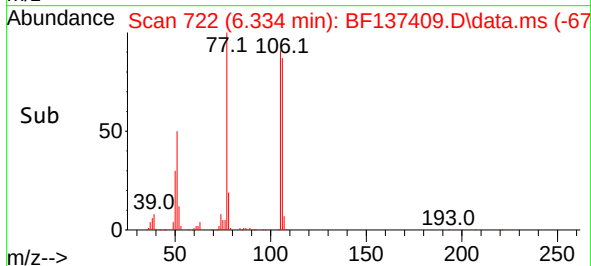
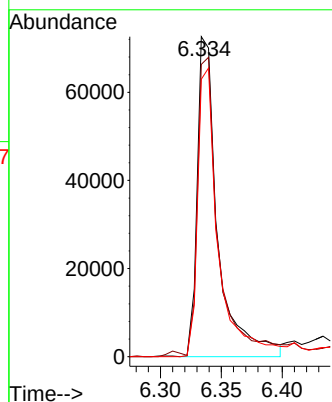
Tgt Ion: 77 Resp: 85773

Ion Ratio Lower Upper

77 100

105 91.3 74.1 114.1

106 86.7 70.2 110.2



#10

Phenol

Concen: 11.078 ng

RT: 6.434 min Scan# 739

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

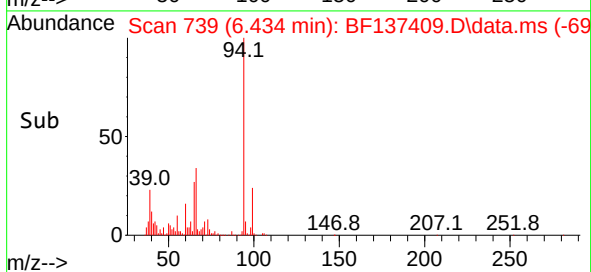
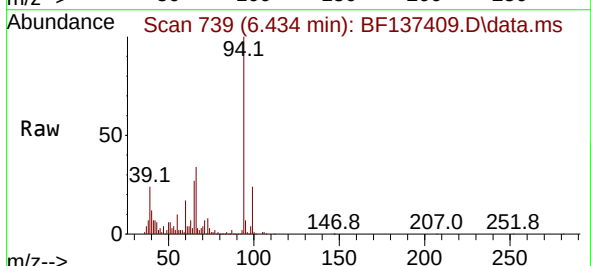
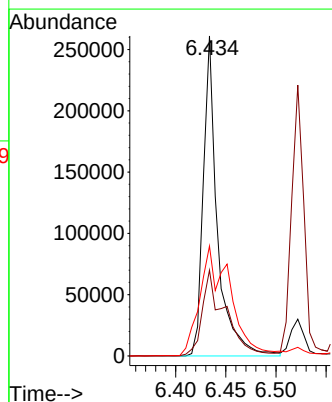
Tgt Ion: 94 Resp: 257216

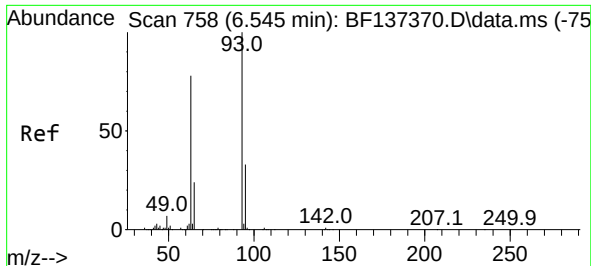
Ion Ratio Lower Upper

94 100

65 26.8 7.4 47.4

66 34.3 15.6 55.6

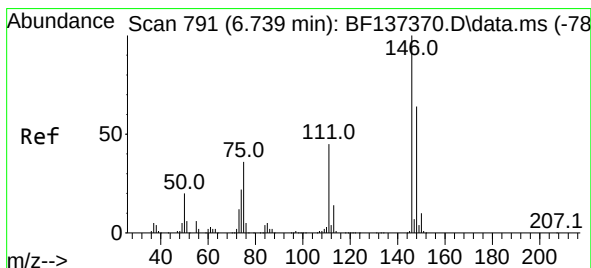
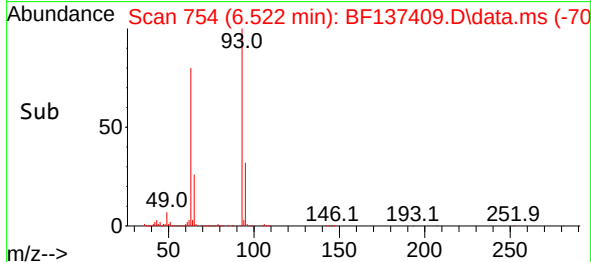
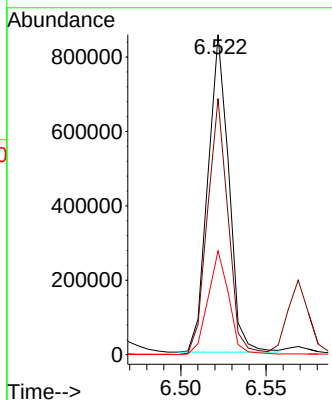
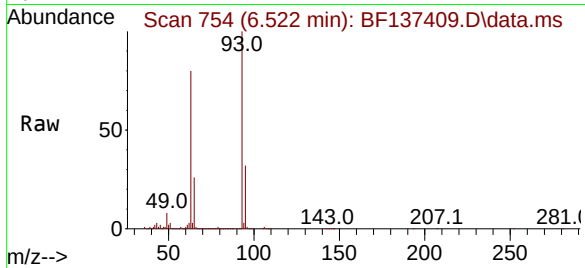




#11
bis(2-Chloroethyl)ether
Concen: 43.212 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.024 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

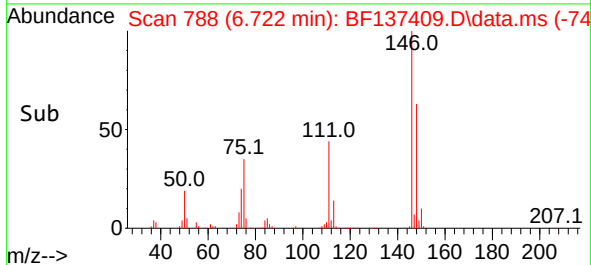
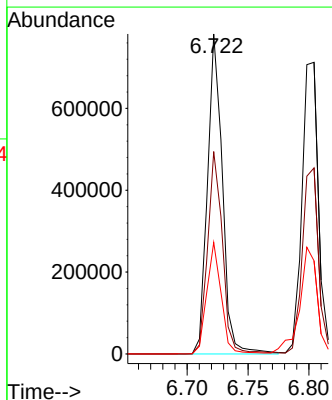
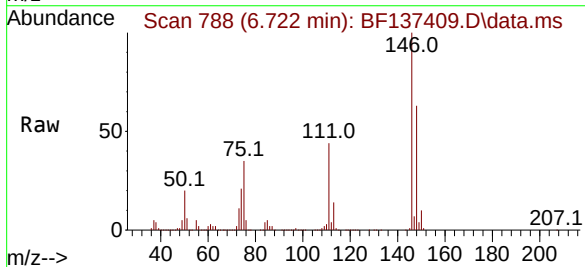
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

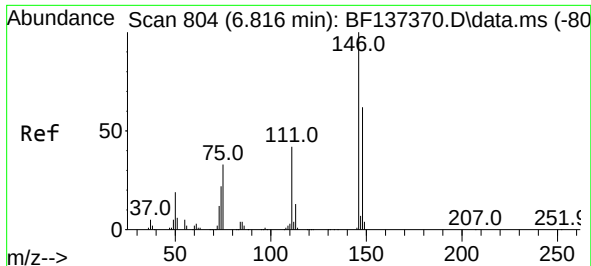
Tgt Ion: 93 Resp: 729018
Ion Ratio Lower Upper
93 100
63 80.1 56.1 96.1
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.031 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:146 Resp: 664935
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 34.9 28.5 42.7

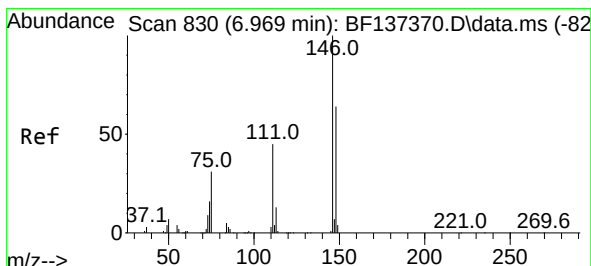
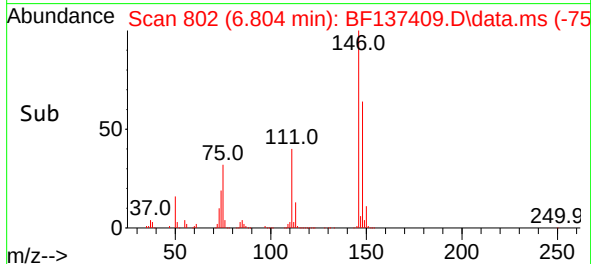
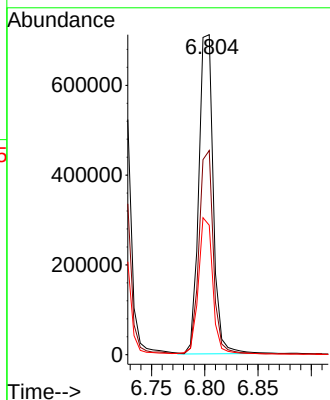
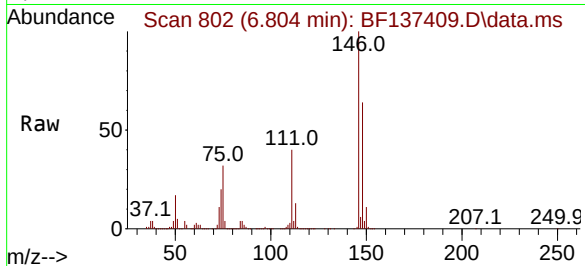




#13
1,4-Dichlorobenzene
Concen: 39.586 ng
RT: 6.804 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

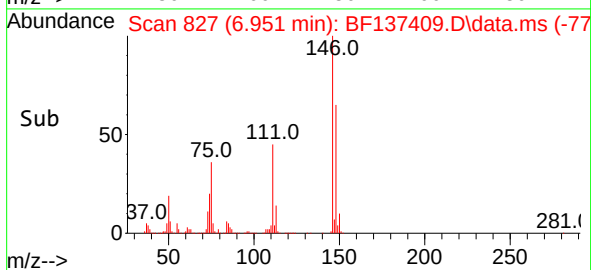
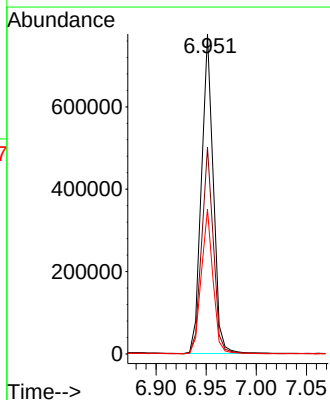
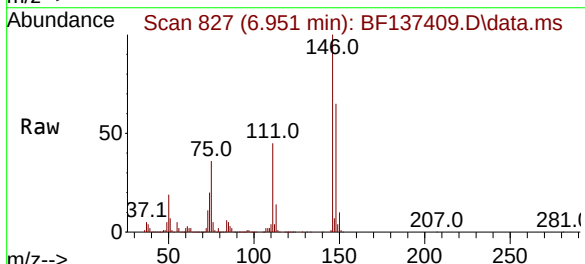
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

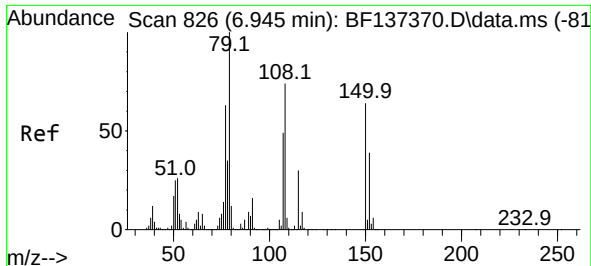
Tgt Ion:146 Resp: 676993
Ion Ratio Lower Upper
146 100
148 63.8 49.9 74.9
111 40.4 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 40.620 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:146 Resp: 642566
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 45.2 36.6 54.8

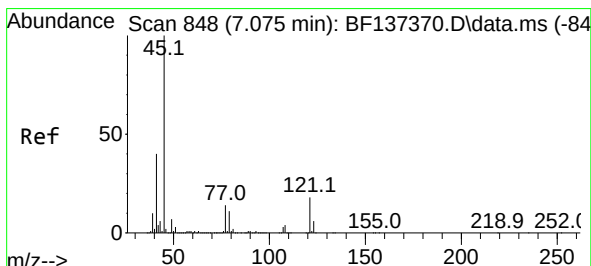
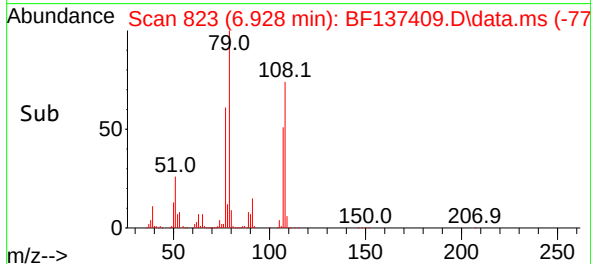
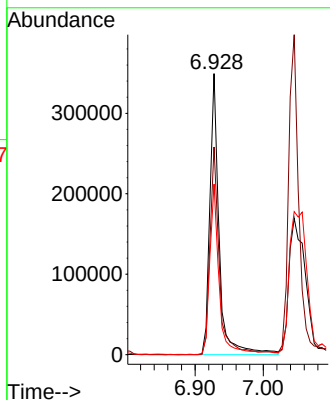
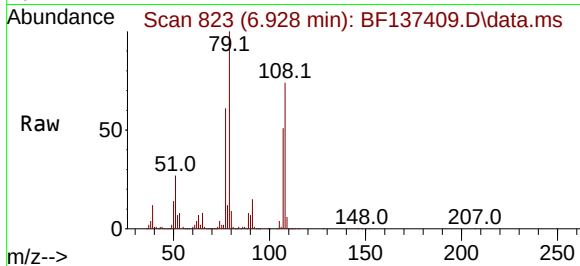




#15
Benzyl Alcohol
Concen: 26.231 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

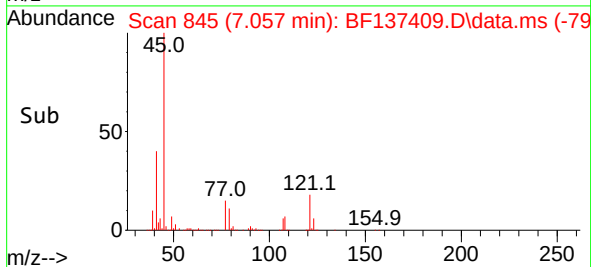
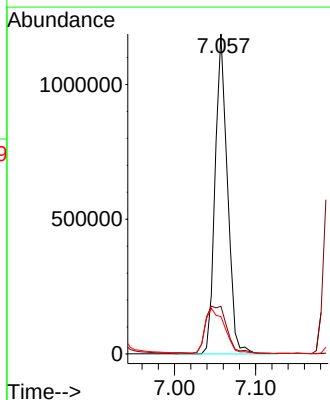
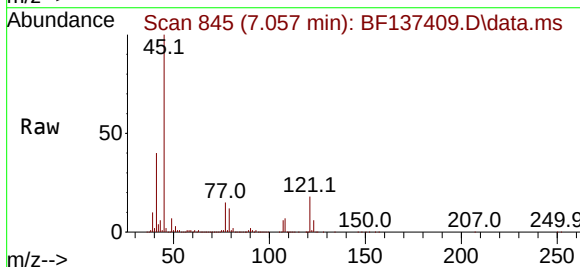
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

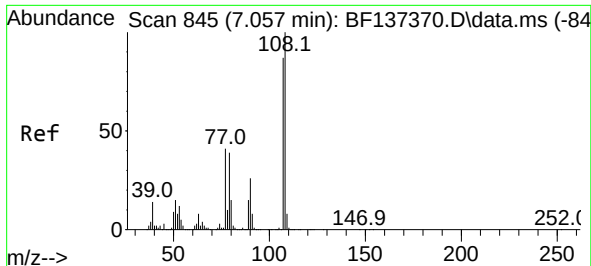
Tgt Ion: 79 Resp: 331712
Ion Ratio Lower Upper
79 100
108 73.9 59.5 89.3
77 60.7 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.678 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

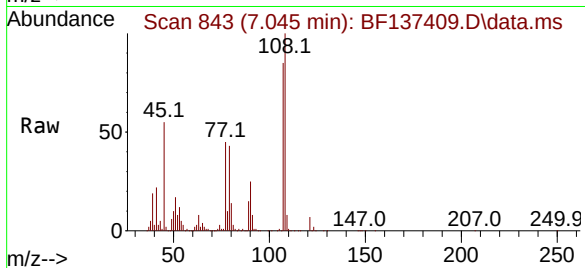
Tgt Ion: 45 Resp: 1252845
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.6
79 11.7 0.0 31.6



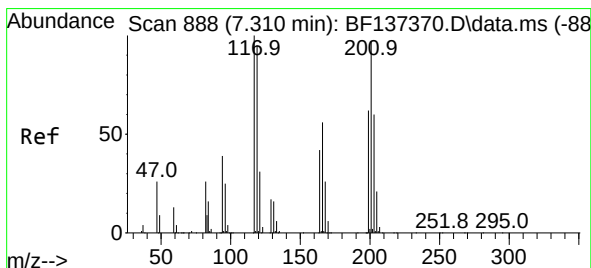
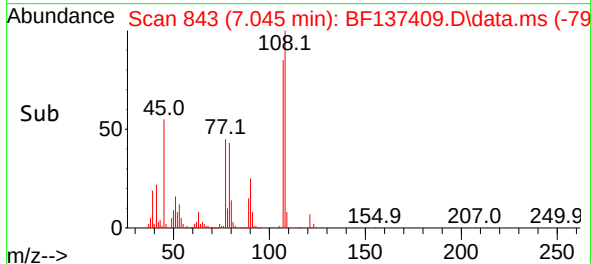
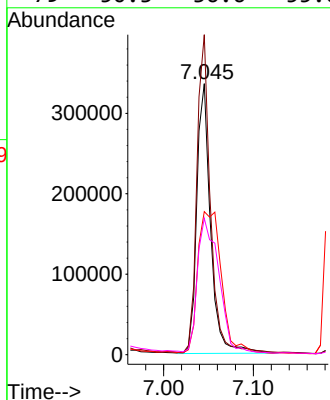


#17
2-Methylphenol
Concen: 24.521 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

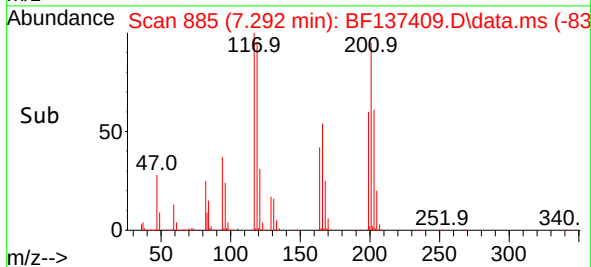
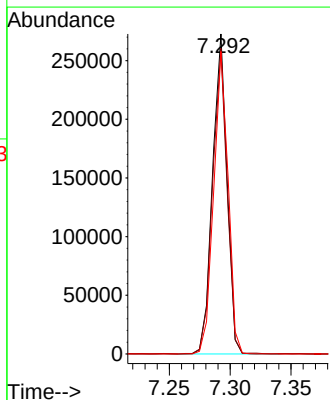
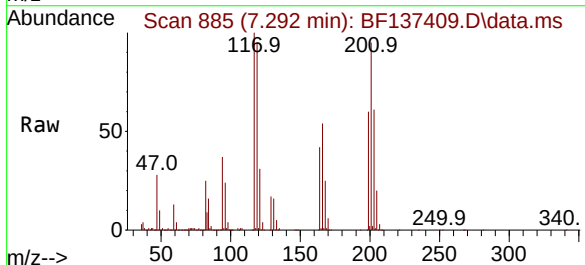


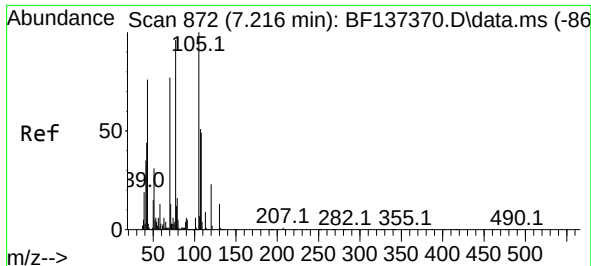
Tgt Ion:	107	Resp:	358868
Ion	Ratio	Lower	Upper
107	100		
108	118.1	92.2	138.4
77	52.8	38.1	57.1
79	50.3	36.6	55.0



#18
Hexachloroethane
Concen: 38.125 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:	117	Resp:	224675
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.2	114.4
201	94.5	77.6	116.4

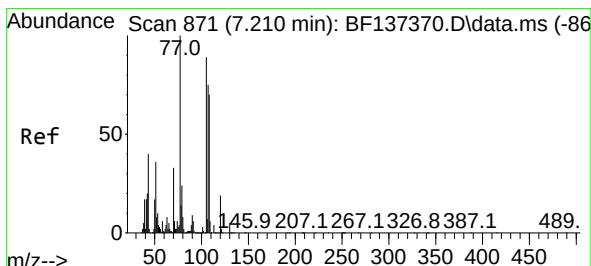
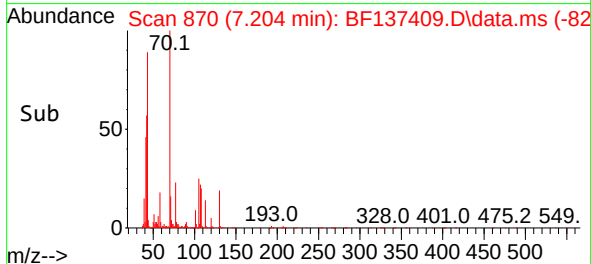
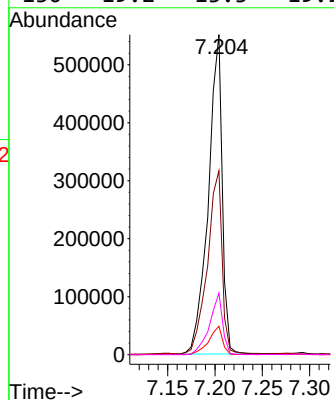
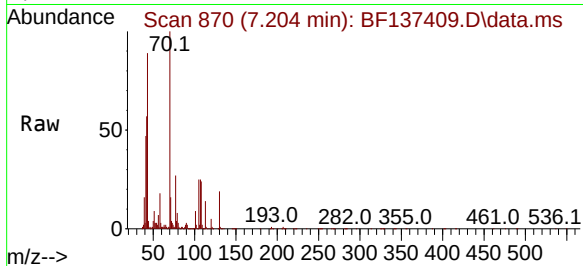




#19
n-Nitroso-di-n-propylamine
Concen: 43.068 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

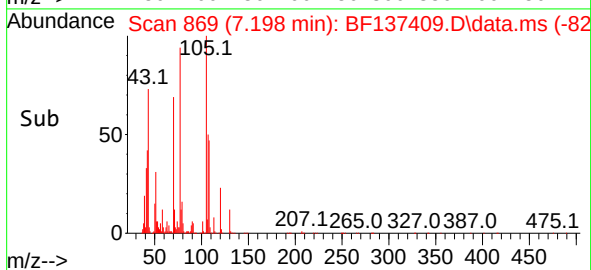
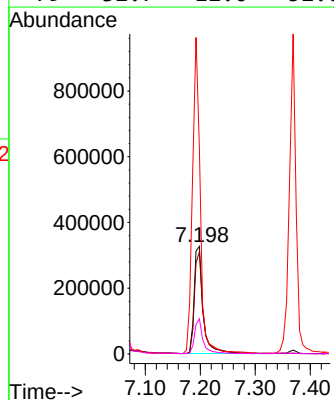
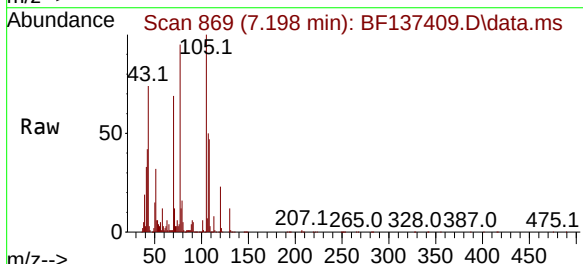
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

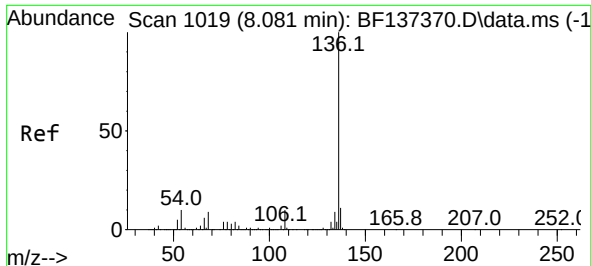
Tgt Ion:	70	Resp:	563017
Ion	Ratio	Lower	Upper
70	100		
42	57.4	45.3	67.9
101	8.9	6.5	9.7
130	19.2	13.3	19.9



#20
3+4-Methylphenols
Concen: 21.990 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

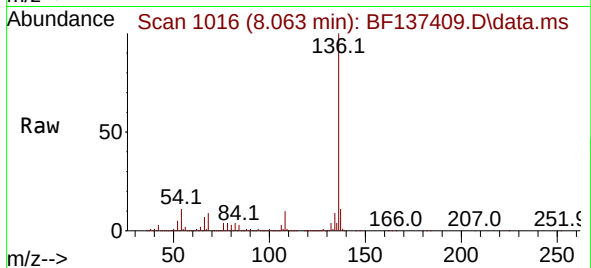
Tgt Ion:	107	Resp:	366806
Ion	Ratio	Lower	Upper
107	100		
108	95.0	73.1	113.1
77	190.6	113.6	153.6#
79	32.7	12.0	52.0



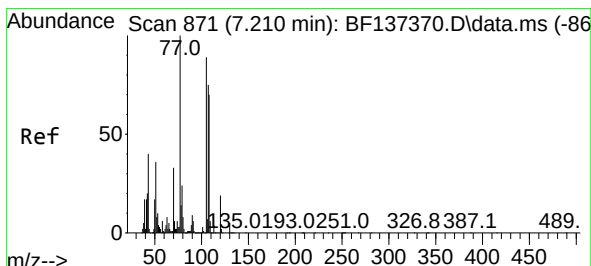
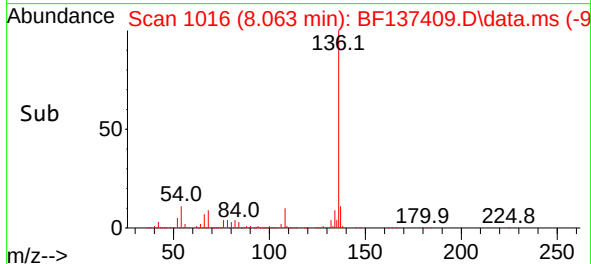
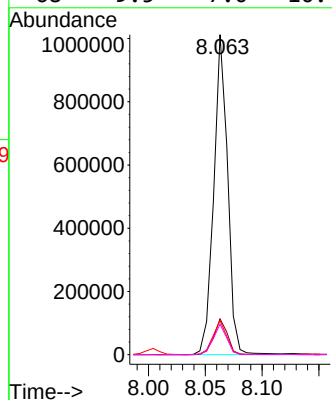


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

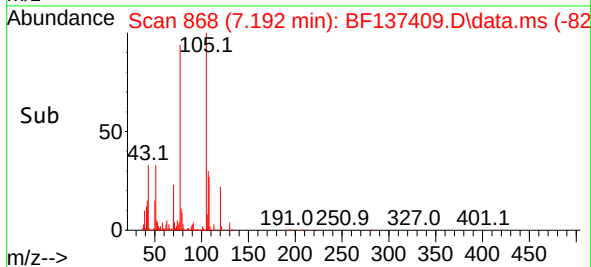
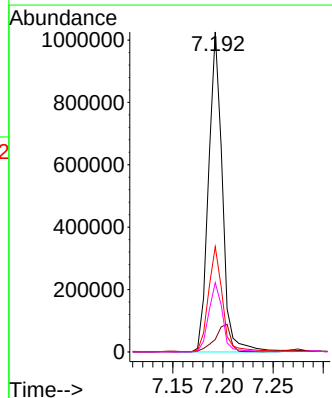
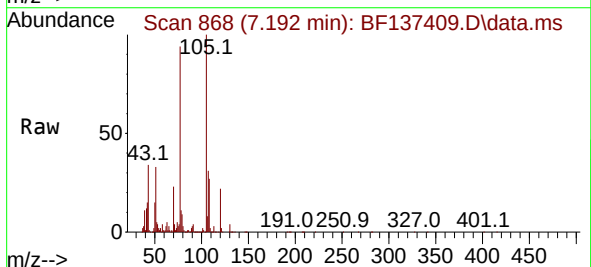


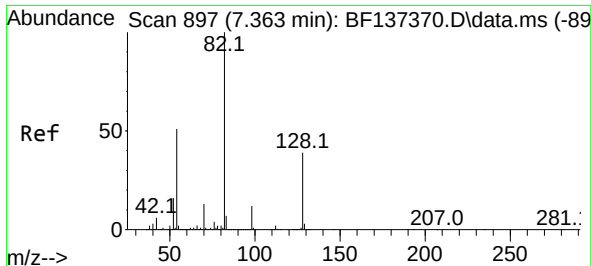
Tgt Ion:136 Resp: 859403
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.6 7.8 11.6
68 9.5 7.0 10.4



#22
Acetophenone
Concen: 47.245 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:105 Resp: 984578
Ion Ratio Lower Upper
105 100
71 3.9 5.0 7.6#
51 32.9 32.2 48.4
120 21.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 89.877 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137409.D

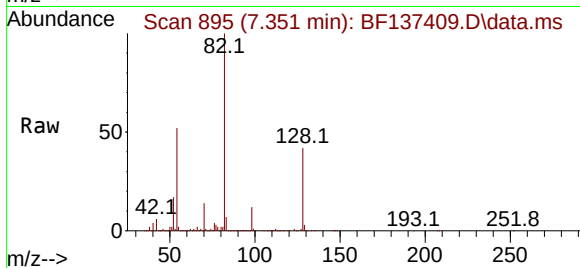
Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



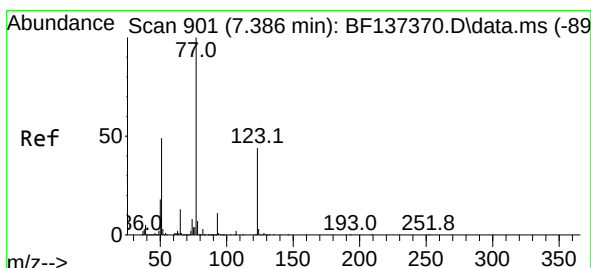
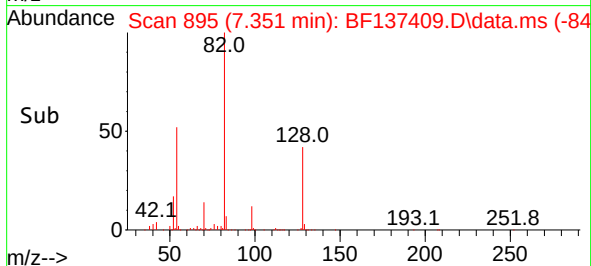
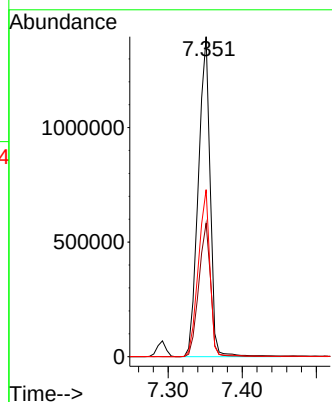
Tgt Ion: 82 Resp: 1547156

Ion Ratio Lower Upper

82 100

128 41.7 30.8 46.2

54 52.2 40.8 61.2



#24

Nitrobenzene

Concen: 46.511 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

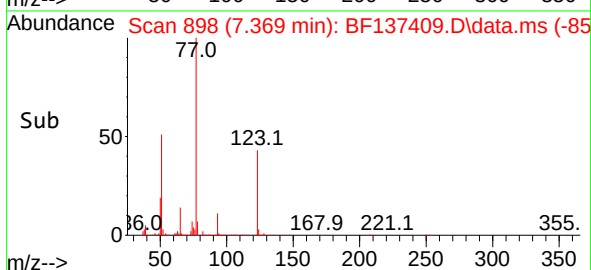
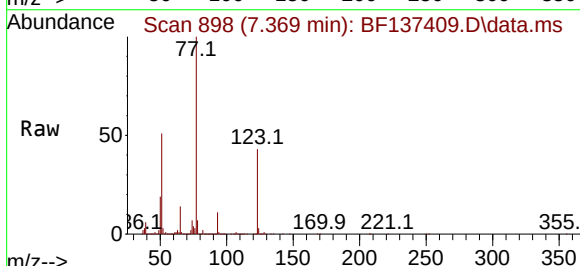
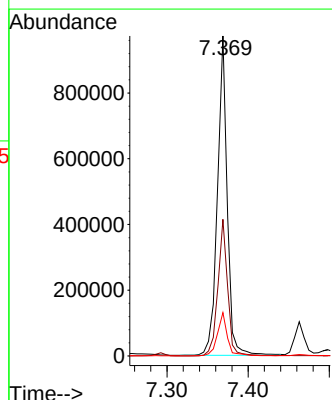
Tgt Ion: 77 Resp: 813550

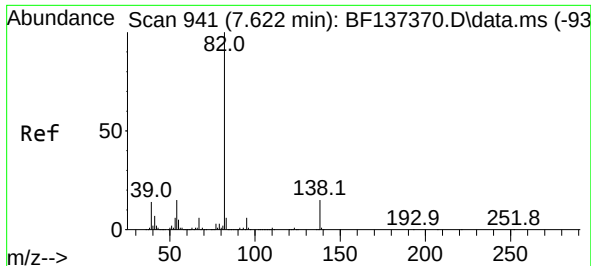
Ion Ratio Lower Upper

77 100

123 42.7 35.4 53.0

65 13.6 10.3 15.5

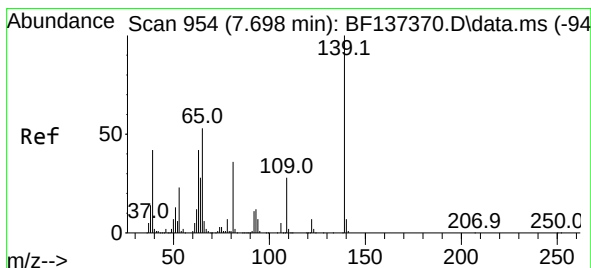
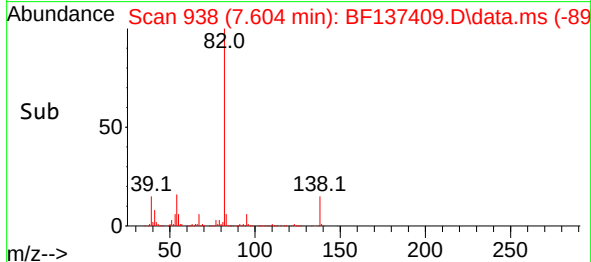
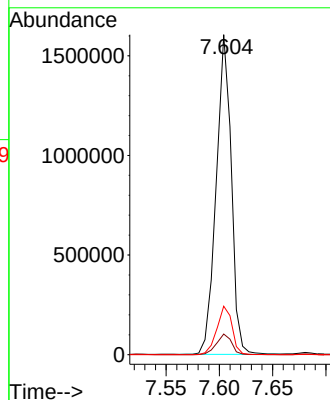
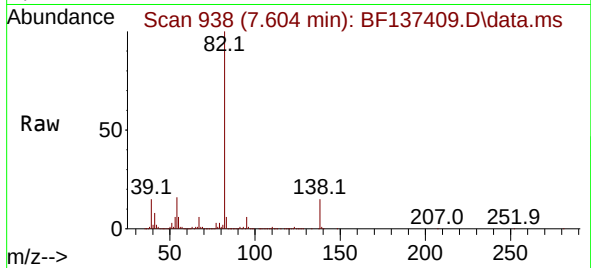




#25
Isophorone
Concen: 44.418 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

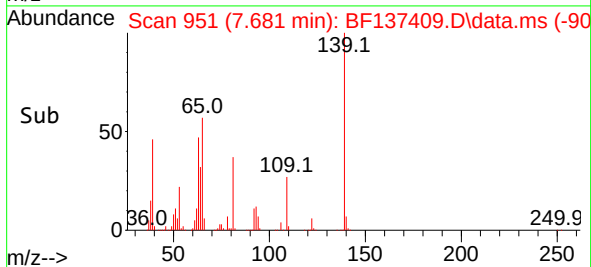
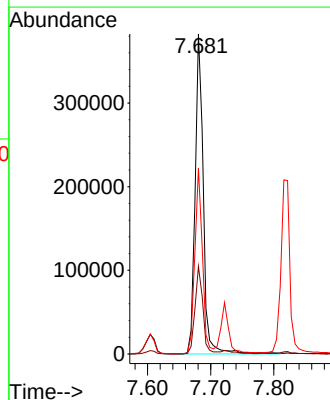
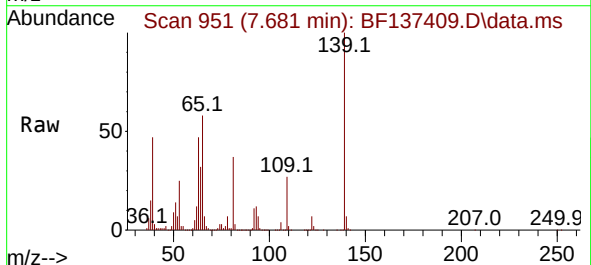
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

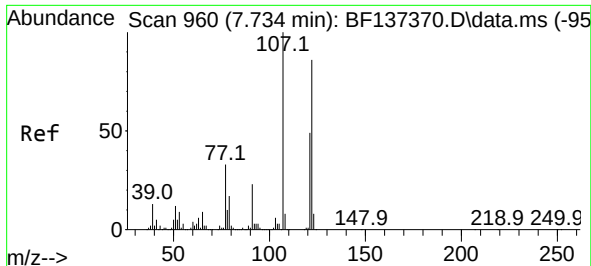
Tgt Ion: 82 Resp: 1581224
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.1 12.2 18.4



#26
2-Nitrophenol
Concen: 51.486 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:139 Resp: 345623
Ion Ratio Lower Upper
139 100
109 27.4 22.5 33.7
65 58.0 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 34.469 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137409.D

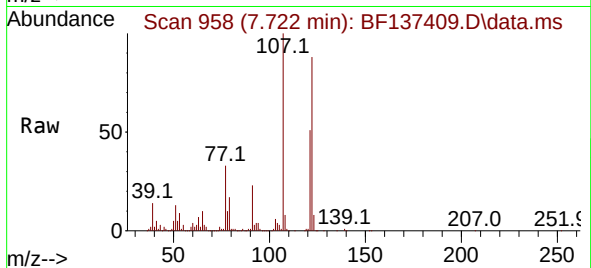
Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



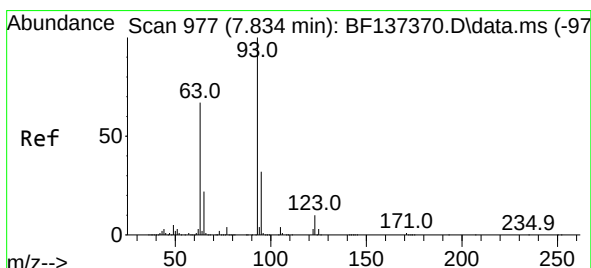
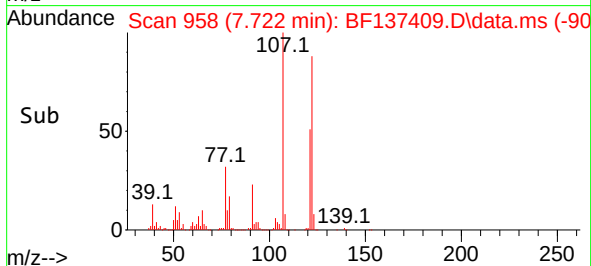
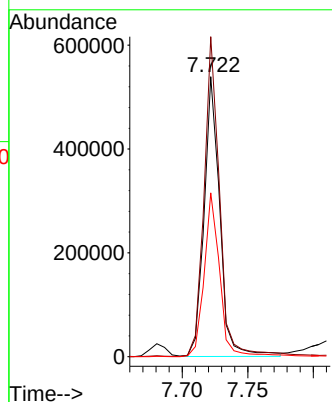
Tgt Ion:122 Resp: 451265

Ion Ratio Lower Upper

122 100

107 114.3 92.7 139.1

121 58.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.356 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

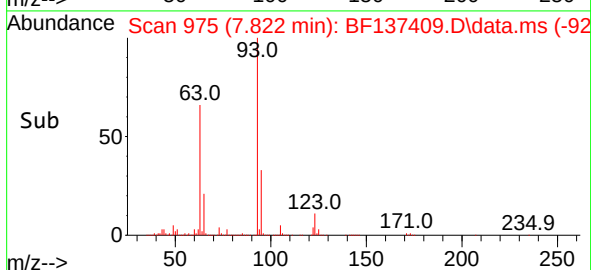
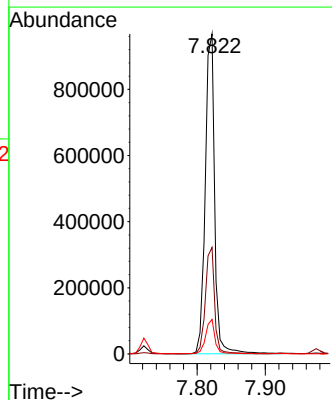
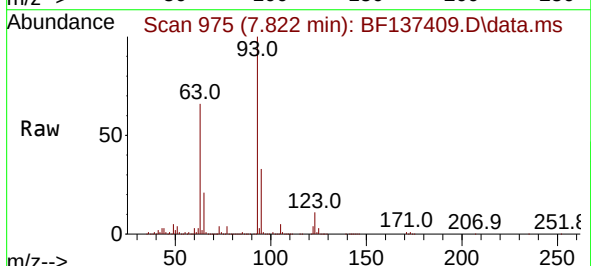
Tgt Ion: 93 Resp: 930640

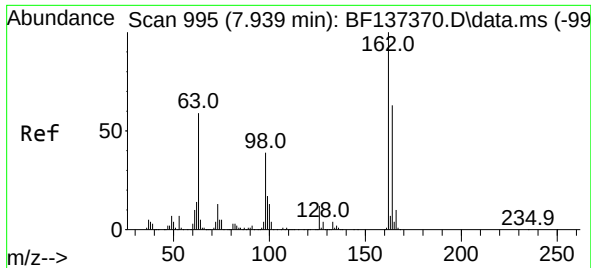
Ion Ratio Lower Upper

93 100

95 33.3 25.9 38.9

123 10.8 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 42.758 ng

RT: 7.922 min Scan# 995

Delta R.T. -0.018 min

Lab File: BF137409.D

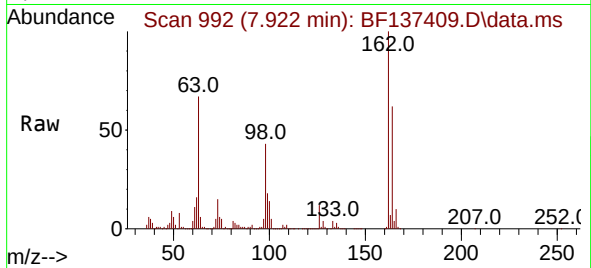
Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



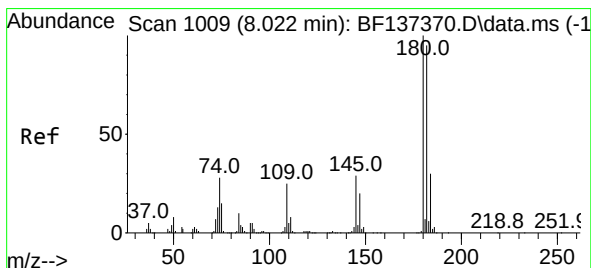
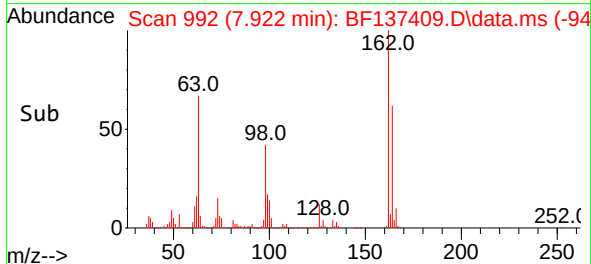
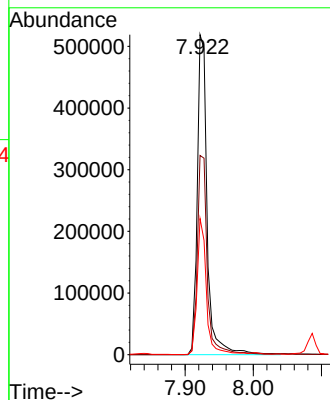
Tgt Ion:162 Resp: 524667

Ion Ratio Lower Upper

162 100

164 62.3 43.1 83.1

98 42.5 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 44.187 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

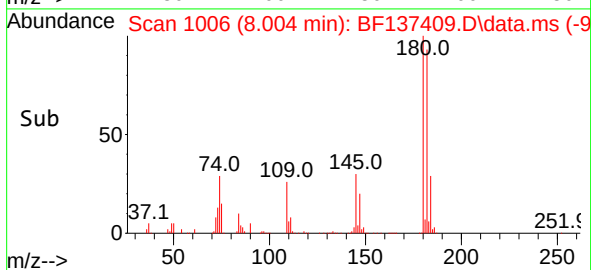
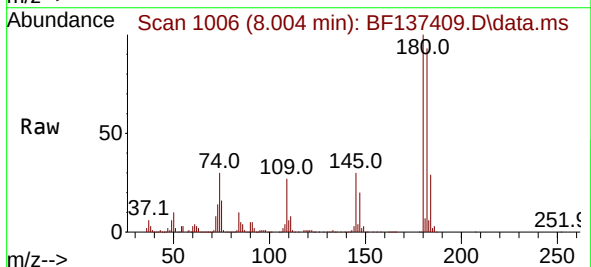
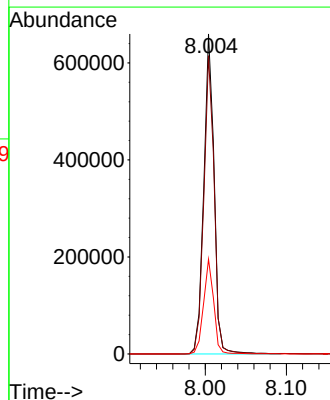
Tgt Ion:180 Resp: 581972

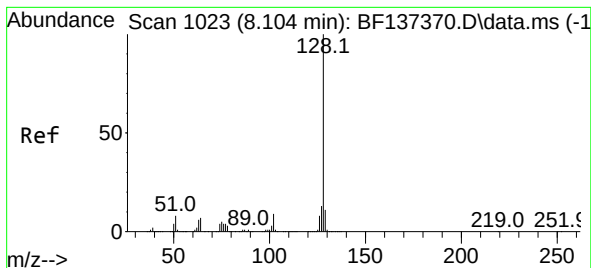
Ion Ratio Lower Upper

180 100

182 93.2 75.8 113.6

145 29.6 23.4 35.0





#31

Naphthalene

Concen: 41.599 ng

RT: 8.086 min Scan# 10

Delta R.T. -0.018 min

Lab File: BF137409.D

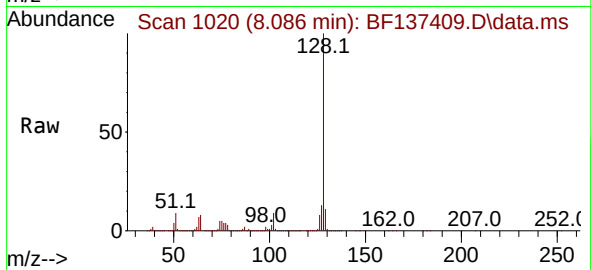
Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



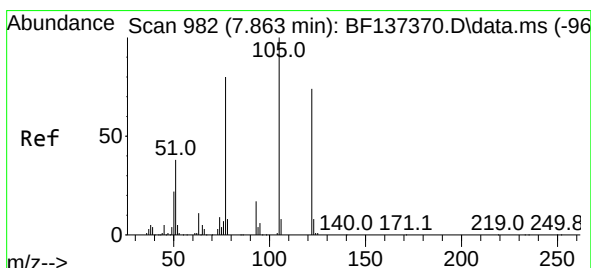
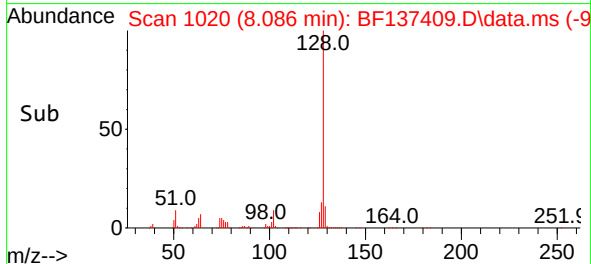
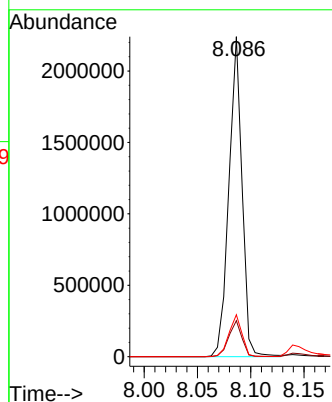
Tgt Ion:128 Resp: 1918543

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 18.558 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.035 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

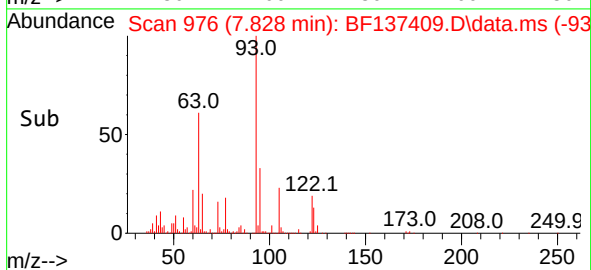
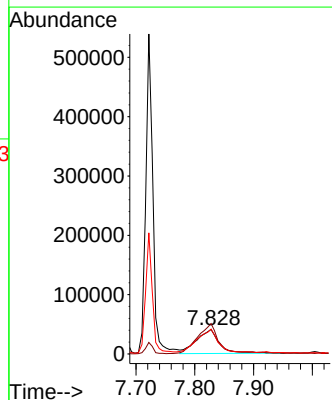
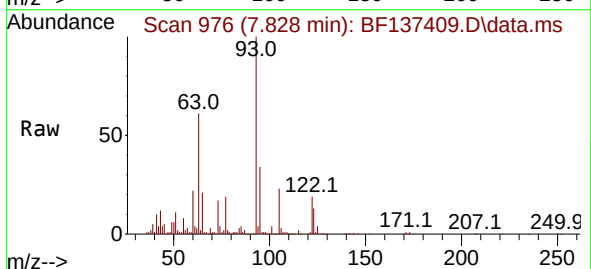
Tgt Ion:122 Resp: 108734

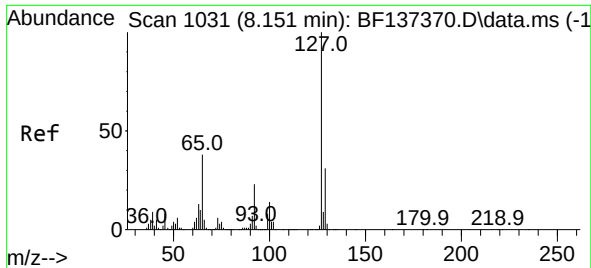
Ion Ratio Lower Upper

122 100

105 124.3 101.1 141.1

77 101.2 82.8 122.8

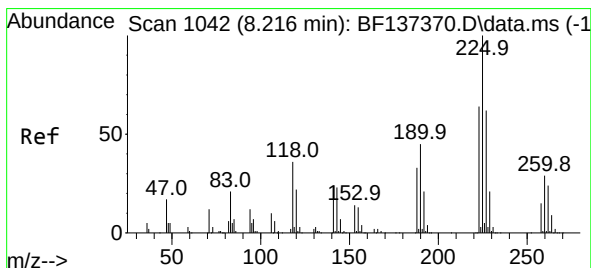
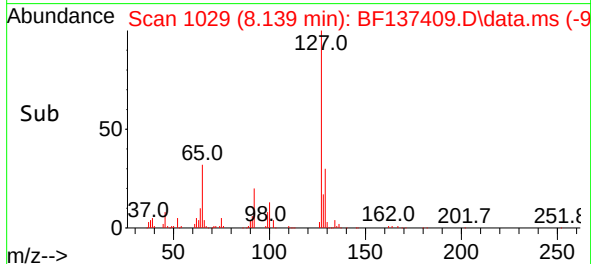
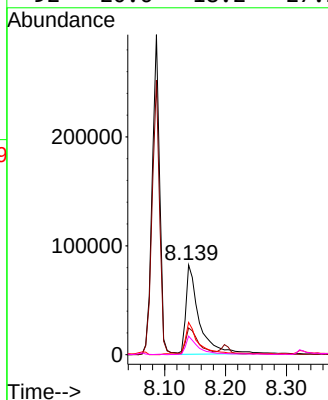
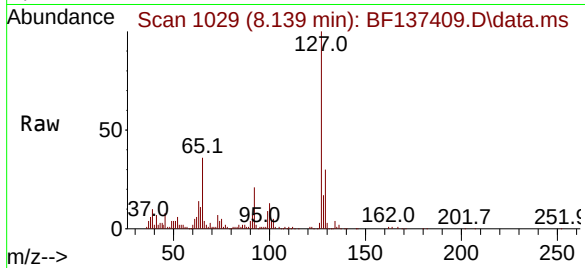




#33
4-Chloroaniline
Concen: 7.084 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

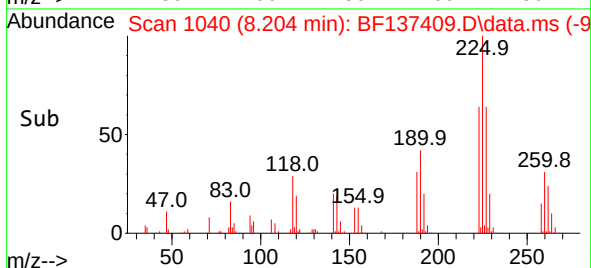
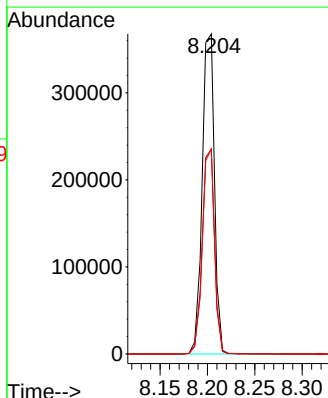
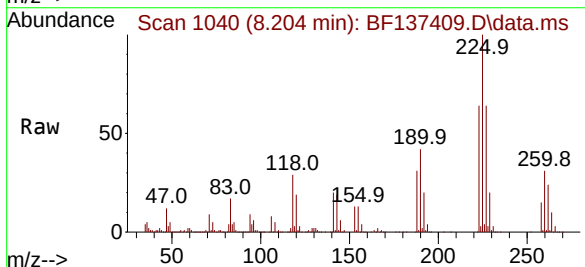
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

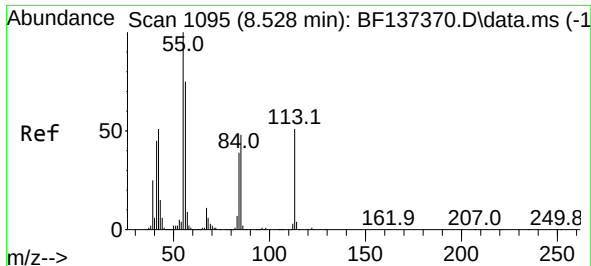
Tgt Ion:	127	Resp:	124266
Ion	Ratio	Lower	Upper
127	100		
129	29.7	25.0	37.6
65	36.0	30.4	45.6
92	20.6	18.2	27.2



#34
Hexachlorobutadiene
Concen: 42.148 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:	225	Resp:	329777
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.0
227	64.0	49.8	74.6

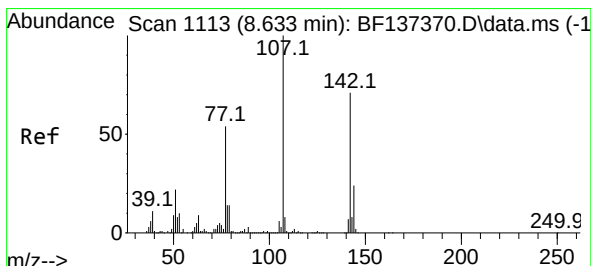
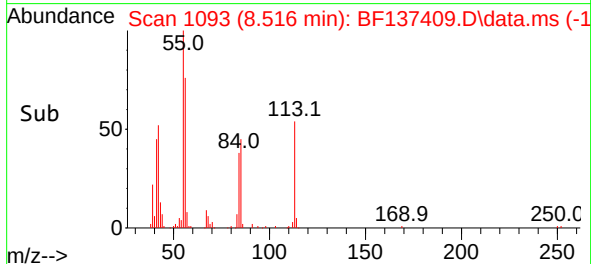
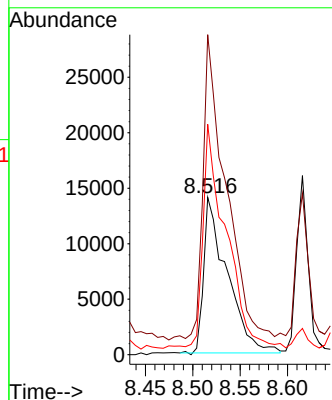
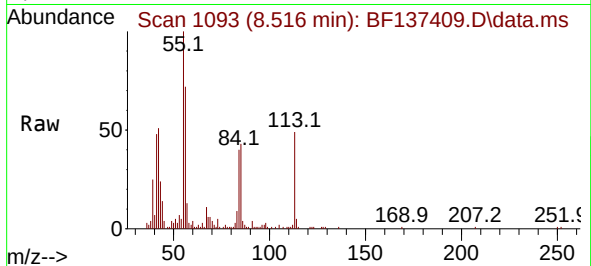




#35
 Caprolactam
 Concen: 6.367 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

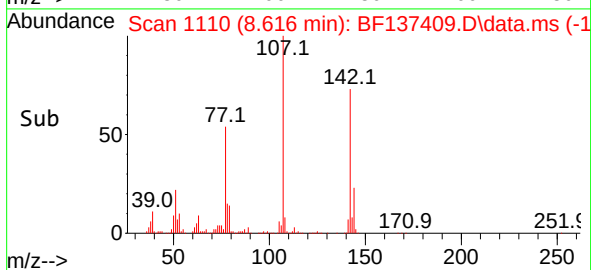
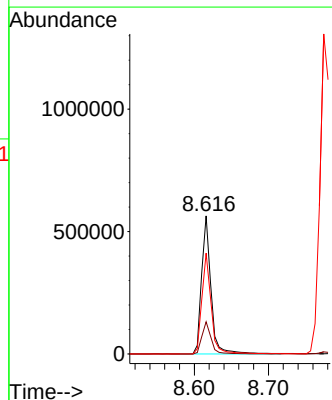
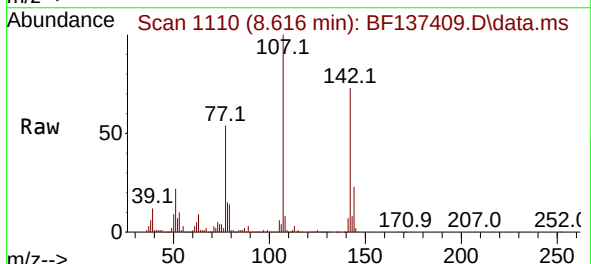
Instrument : BNA_F
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

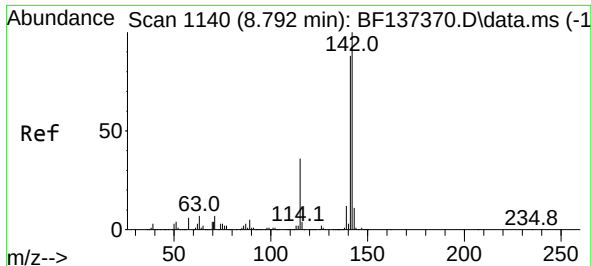
Tgt Ion:113 Resp: 24162
 Ion Ratio Lower Upper
 113 100
 55 203.5 176.3 216.3
 56 146.5 127.6 167.6



#36
 4-Chloro-3-methylphenol
 Concen: 35.530 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.017 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

Tgt Ion:107 Resp: 494265
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.9 28.3
 142 73.0 56.6 85.0





#37

2-Methylnaphthalene

Concen: 40.841 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

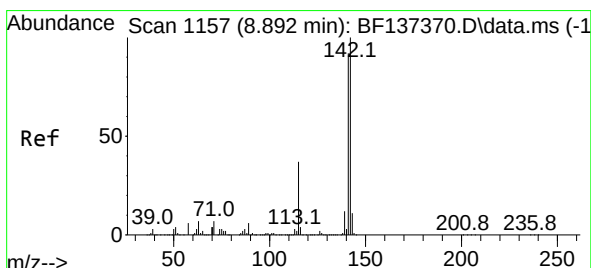
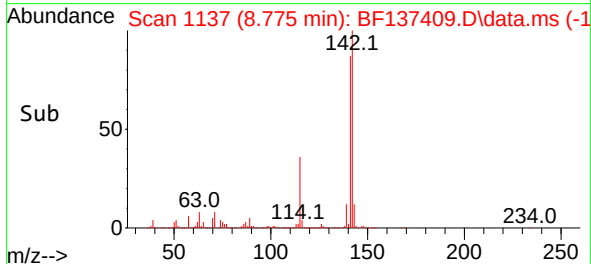
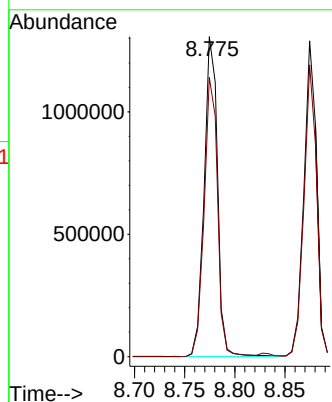
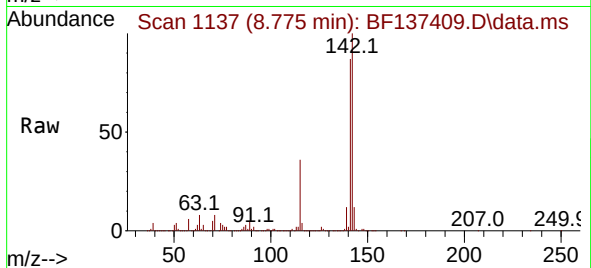
20240768-AMENDED-COMP-39N-N-3-03MSD

Tgt Ion:142 Resp: 1213724

Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5



#38

1-Methylnaphthalene

Concen: 40.272 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137409.D

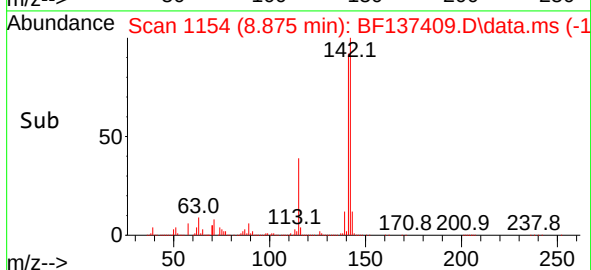
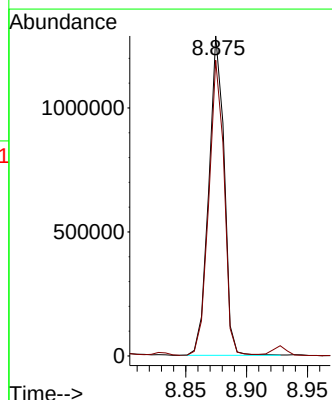
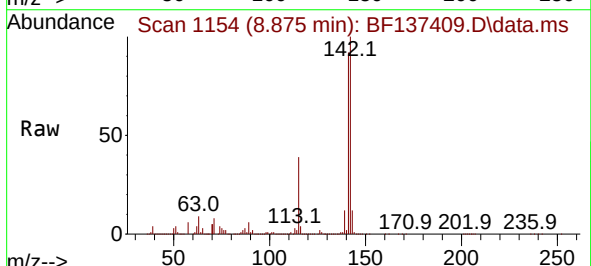
Acq: 27 Feb 2024 17:15

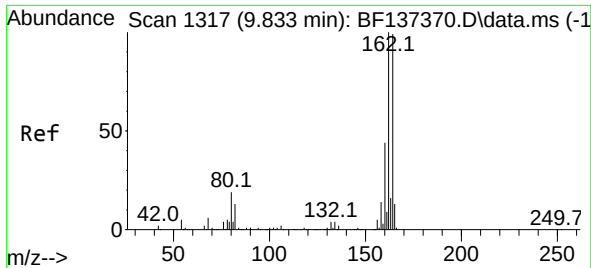
Tgt Ion:142 Resp: 1131556

Ion Ratio Lower Upper

142 100

141 92.4 73.2 109.8

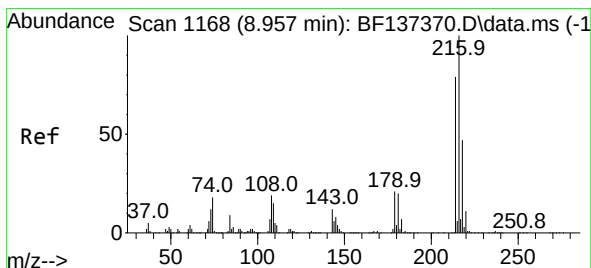
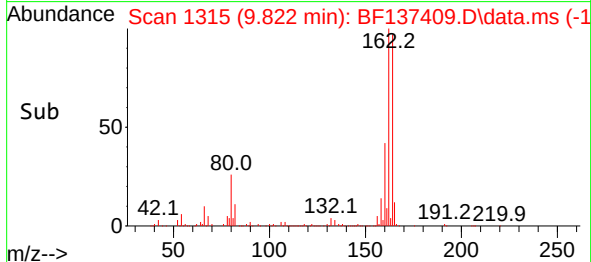
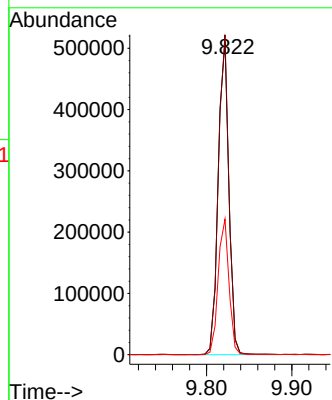
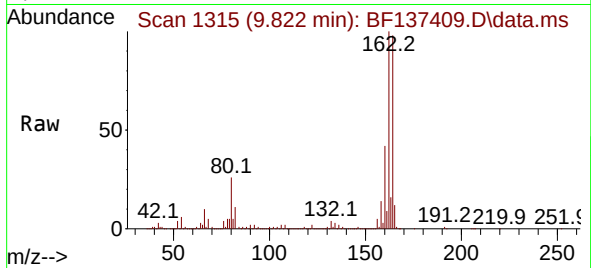




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

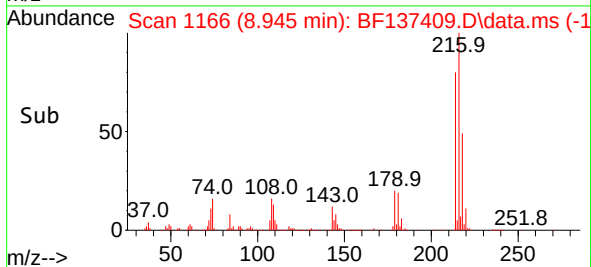
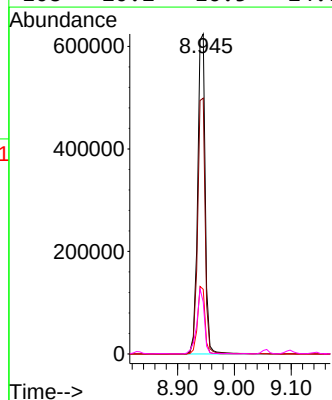
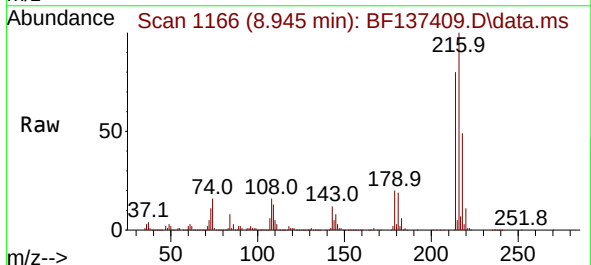
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

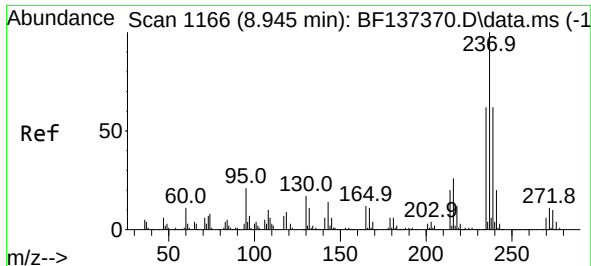
Tgt Ion:164 Resp: 447259
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 43.3 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.280 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:216 Resp: 582438
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 20.7 16.5 24.7
108 20.2 16.5 24.7

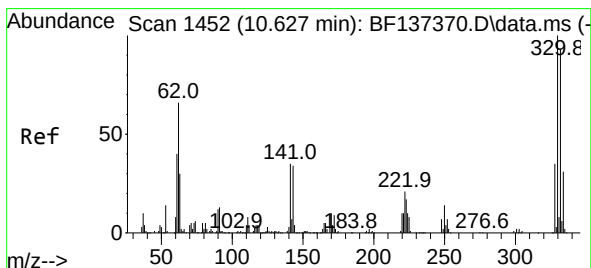
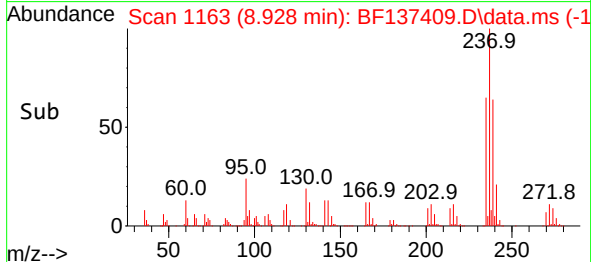
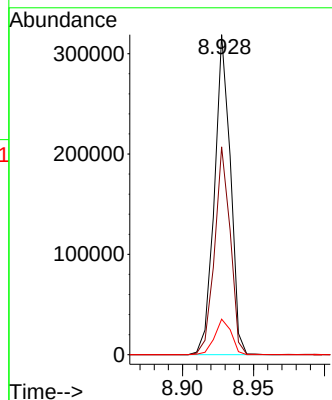
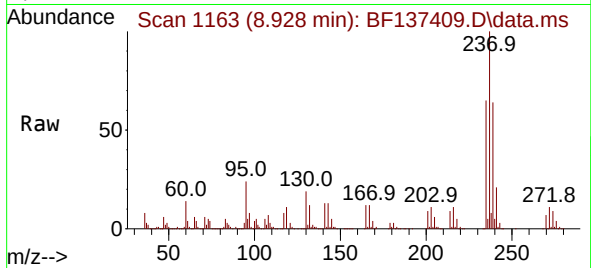




#41
Hexachlorocyclopentadiene
Concen: 44.445 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

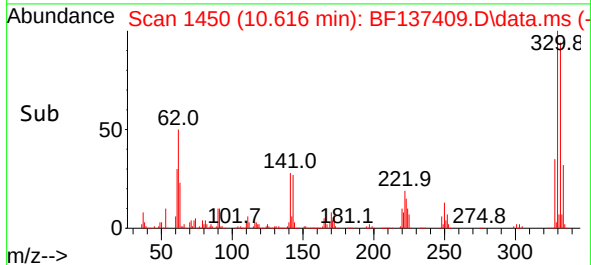
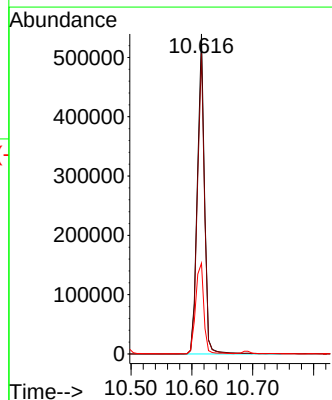
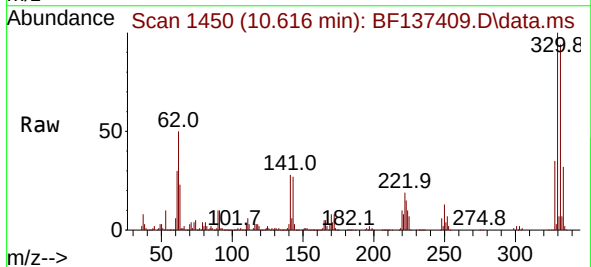
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

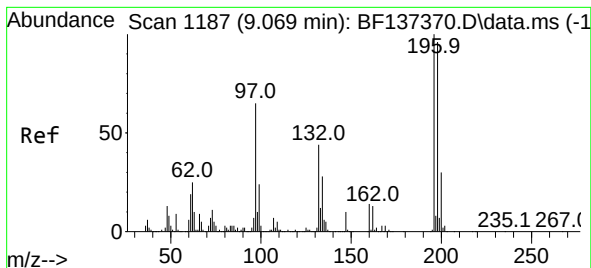
Tgt Ion:237 Resp: 248237
Ion Ratio Lower Upper
237 100
235 65.0 42.0 82.0
272 11.1 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 112.266 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:330 Resp: 437250
Ion Ratio Lower Upper
330 100
332 94.0 75.6 113.4
141 32.5 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 45.980 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137409.D

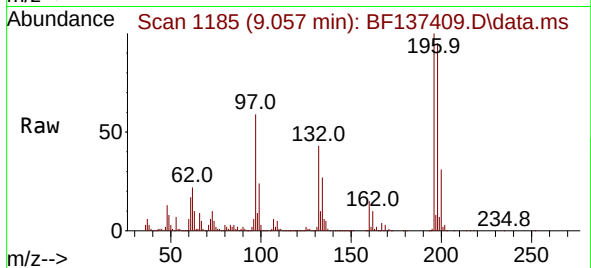
Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD



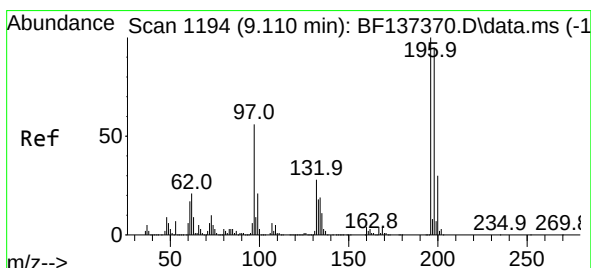
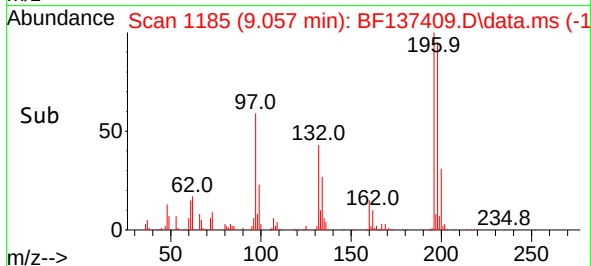
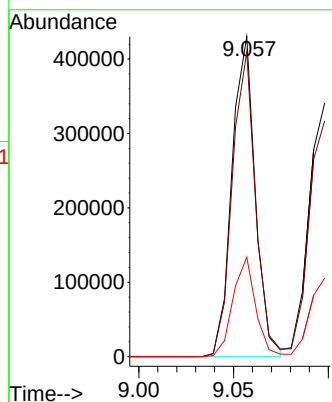
Tgt Ion:196 Resp: 367258

Ion Ratio Lower Upper

196 100

198 95.2 77.0 115.4

200 31.1 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.625 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Tgt Ion:196 Resp: 381430

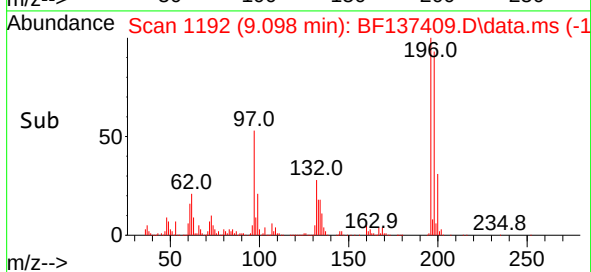
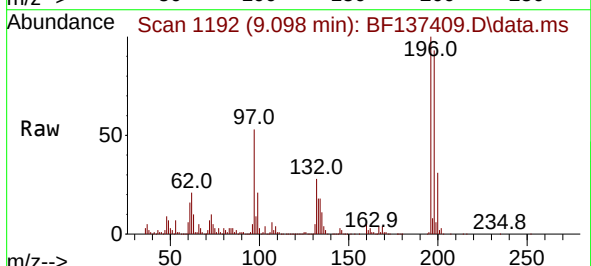
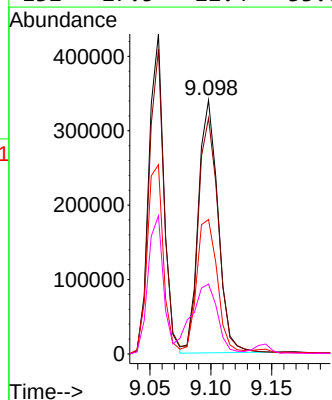
Ion Ratio Lower Upper

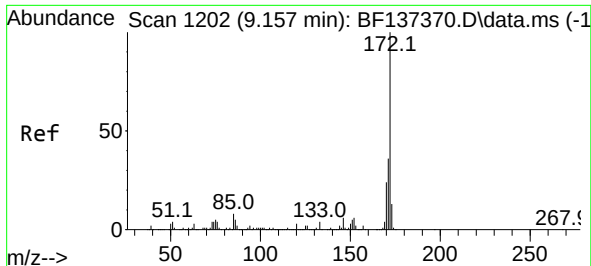
196 100

198 92.9 75.6 113.4

97 52.9 44.6 66.8

132 27.5 22.4 33.6

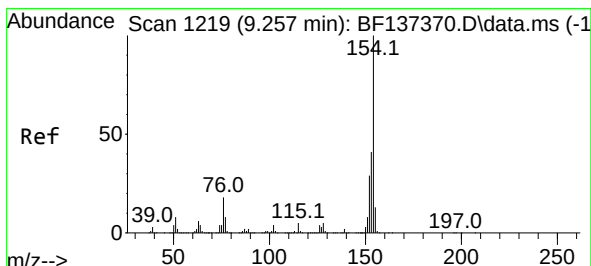
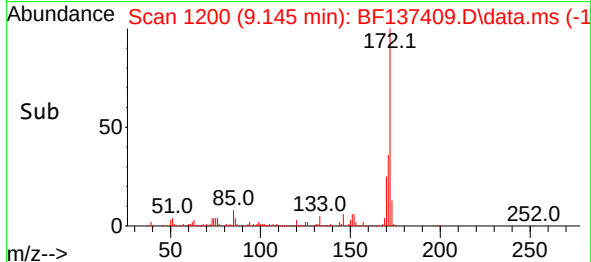
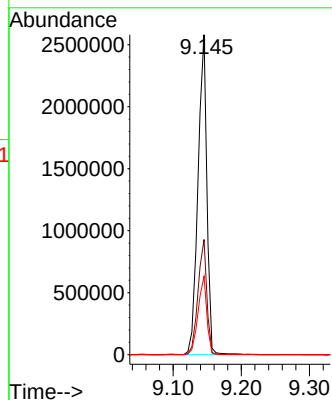
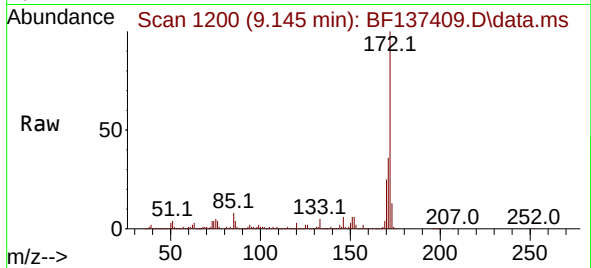




#45
2-Fluorobiphenyl
Concen: 81.045 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

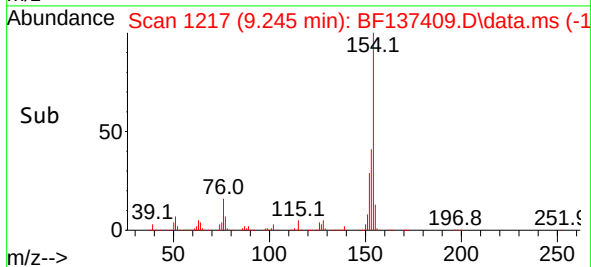
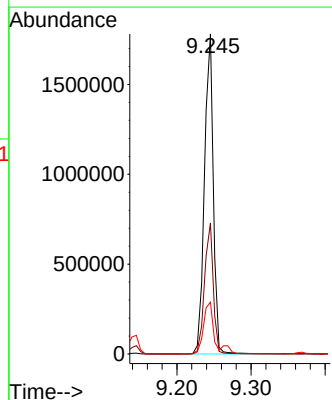
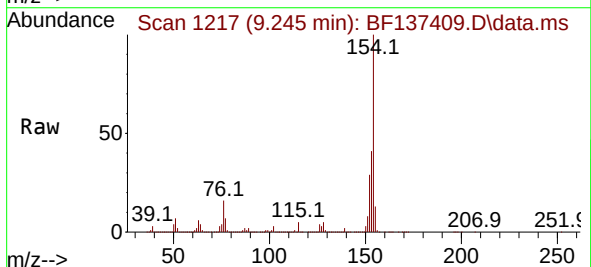
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

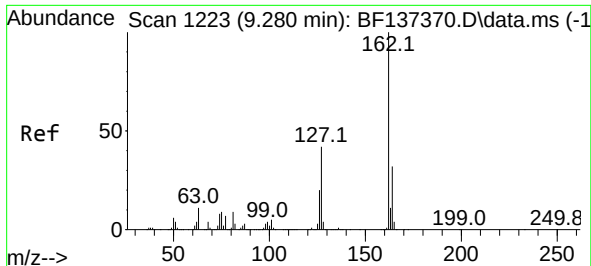
Tgt Ion:172 Resp: 2328318
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 45.524 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:154 Resp: 1482952
Ion Ratio Lower Upper
154 100
153 41.0 21.2 61.2
76 16.2 0.0 37.9





#47

2-Chloronaphthalene

Concen: 46.343 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

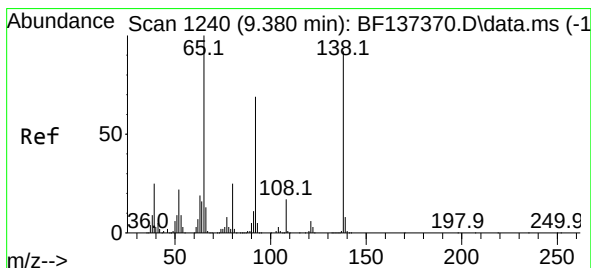
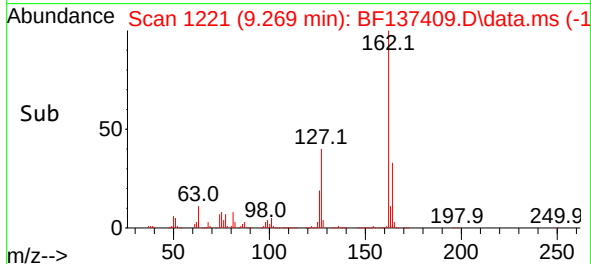
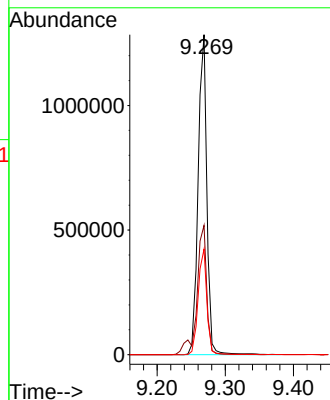
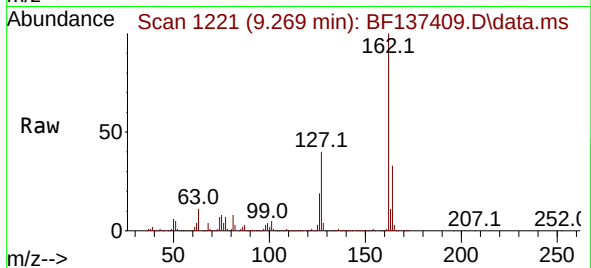
Tgt Ion:162 Resp: 1140083

Ion Ratio Lower Upper

162 100

127 40.4 33.6 50.4

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 47.936 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

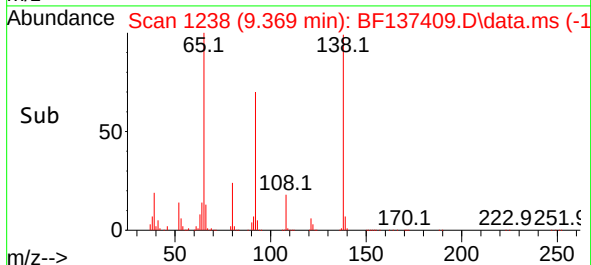
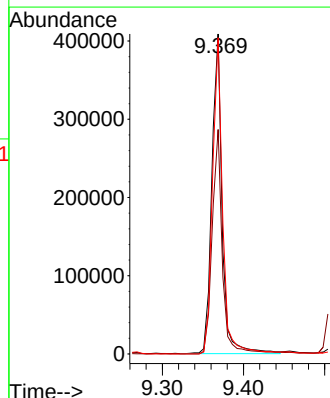
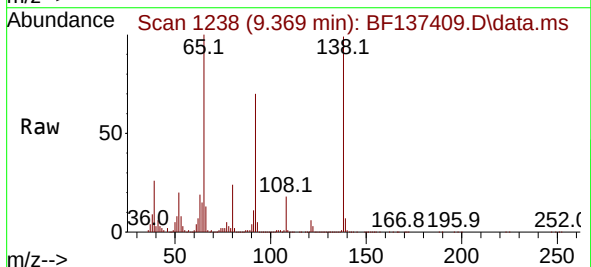
Tgt Ion: 65 Resp: 358116

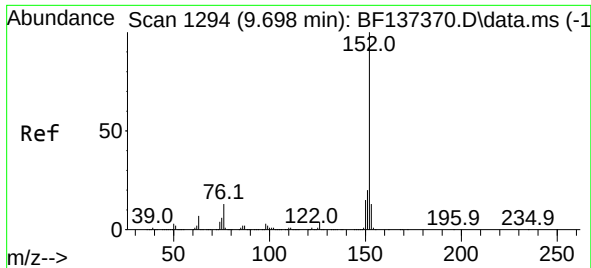
Ion Ratio Lower Upper

65 100

92 70.2 55.0 82.6

138 98.9 73.7 110.5





#49

Acenaphthylene

Concen: 45.156 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

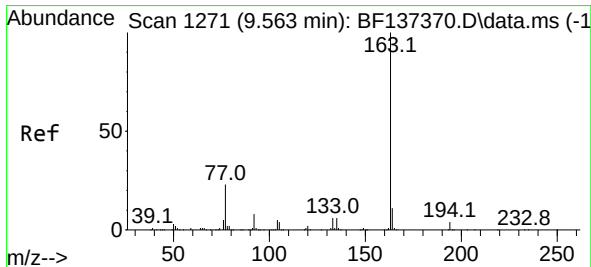
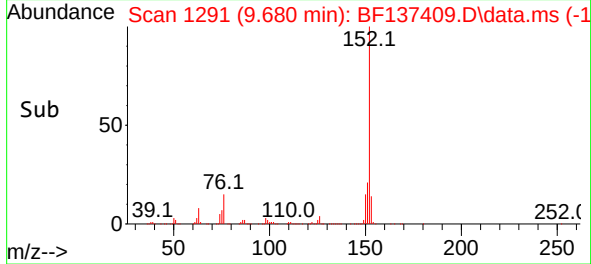
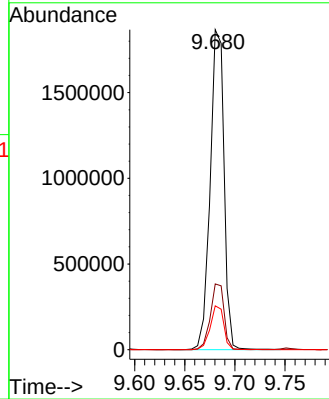
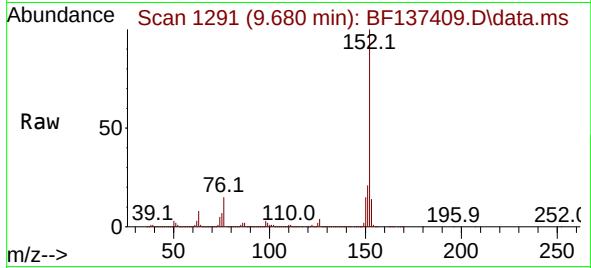
Tgt Ion:152 Resp: 1804849

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 13.7 10.6 15.8



#50

Dimethylphthalate

Concen: 45.184 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

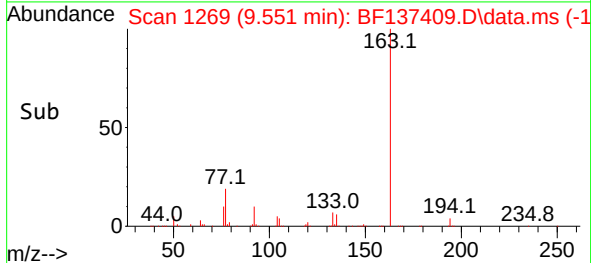
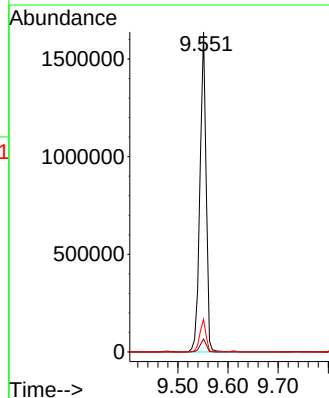
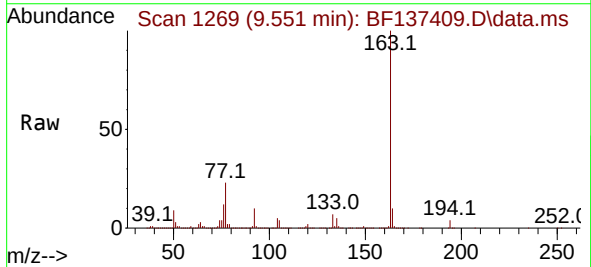
Tgt Ion:163 Resp: 1396416

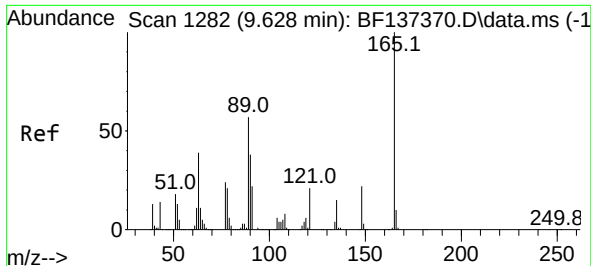
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.2 8.5 12.7

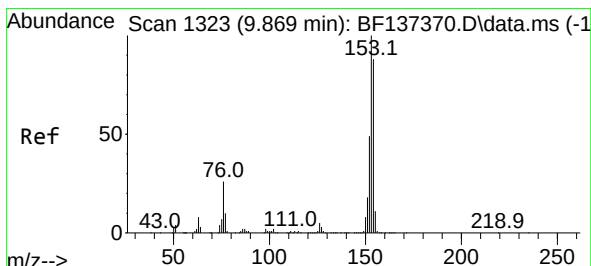
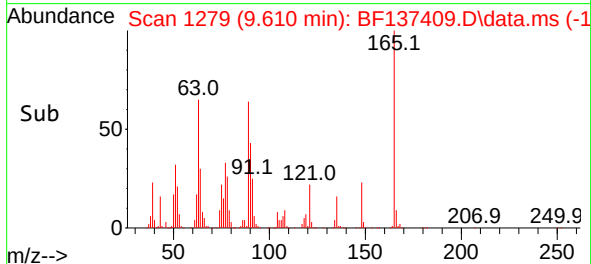
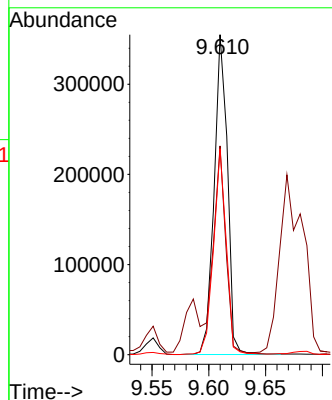
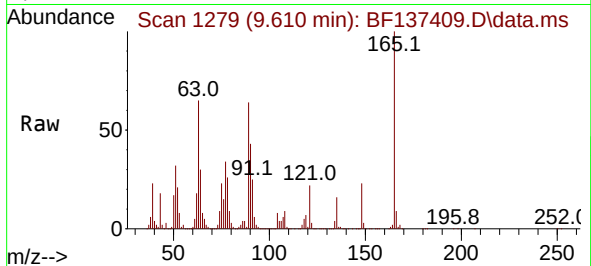




#51
2,6-Dinitrotoluene
Concen: 50.188 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

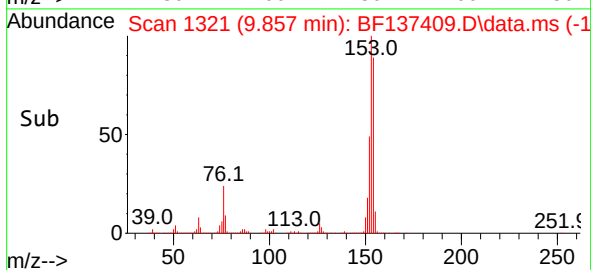
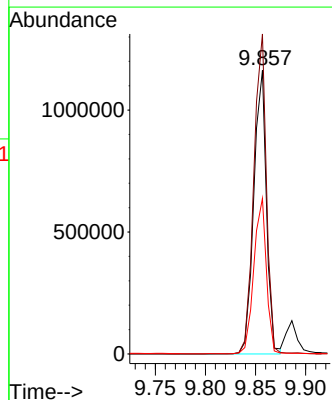
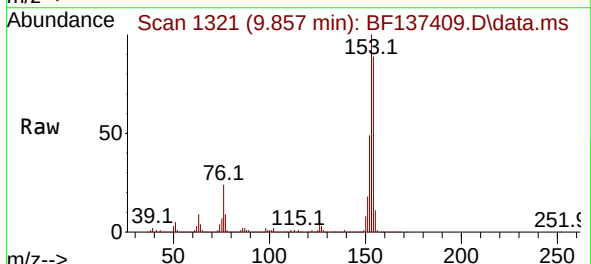
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

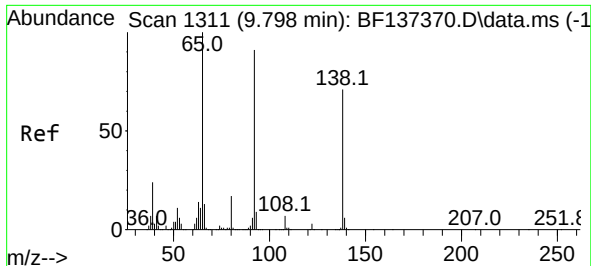
Tgt Ion:165 Resp: 288557
Ion Ratio Lower Upper
165 100
63 65.2 41.6 62.4#
89 64.4 45.8 68.6



#52
Acenaphthene
Concen: 42.643 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:154 Resp: 1017434
Ion Ratio Lower Upper
154 100
153 112.9 90.6 135.8
152 54.9 44.1 66.1

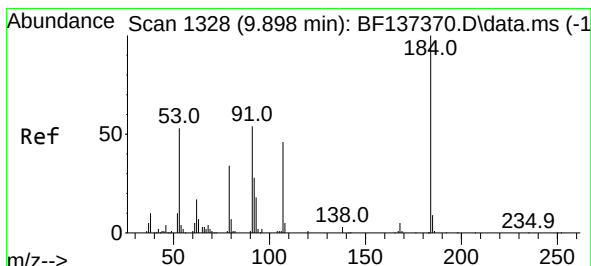
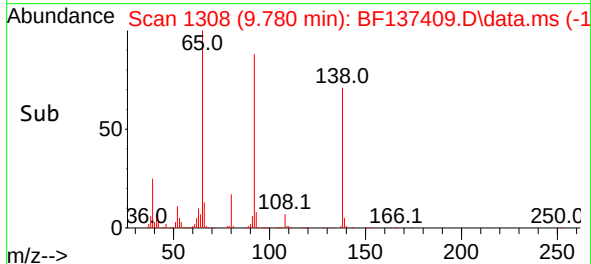
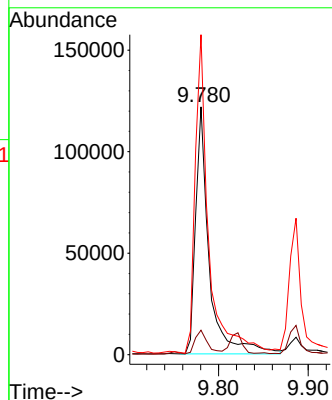
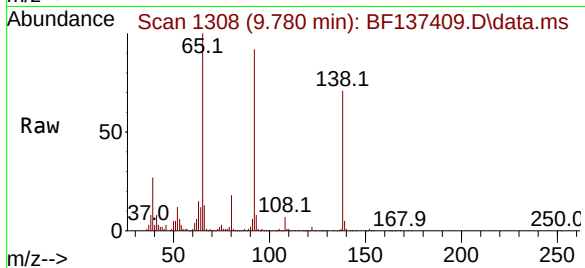




#53
3-Nitroaniline
Concen: 20.756 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

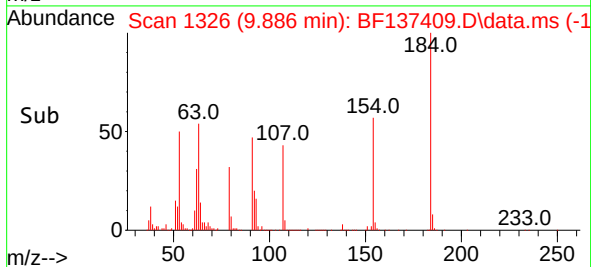
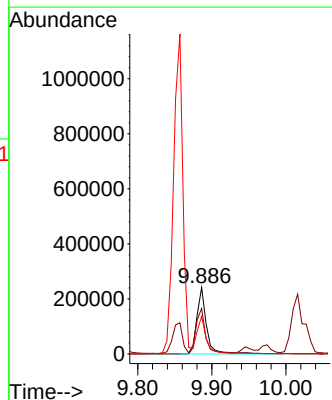
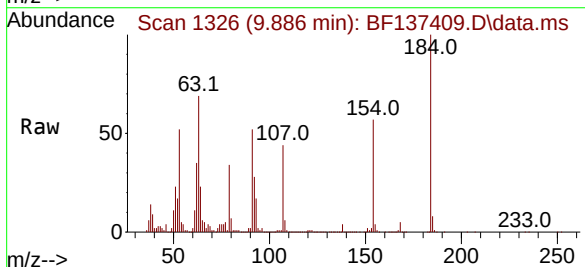
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

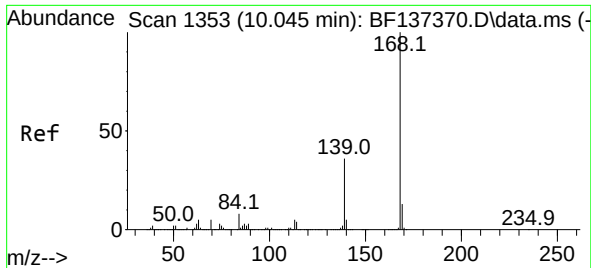
Tgt Ion:138 Resp: 127102
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 129.1 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 76.984 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:184 Resp: 217851
Ion Ratio Lower Upper
184 100
63 68.7 55.9 83.9
154 56.7 47.6 71.4

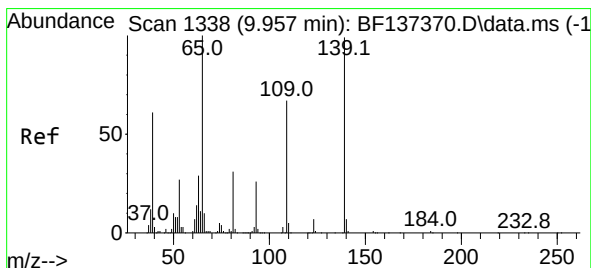
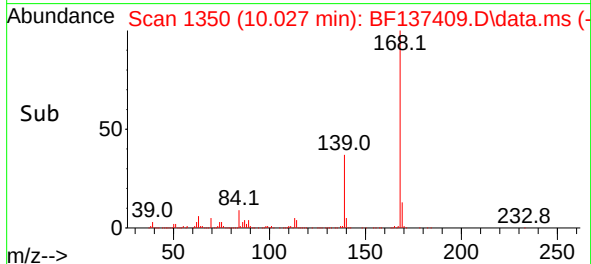
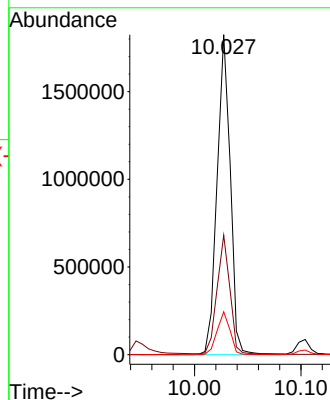
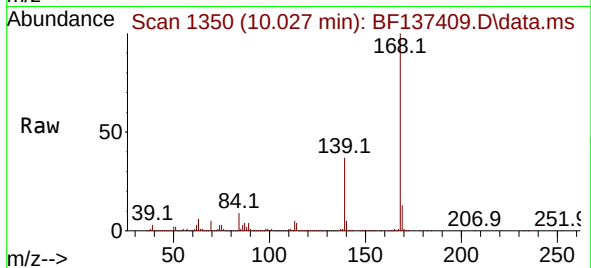




#55
Dibenzofuran
Concen: 42.313 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

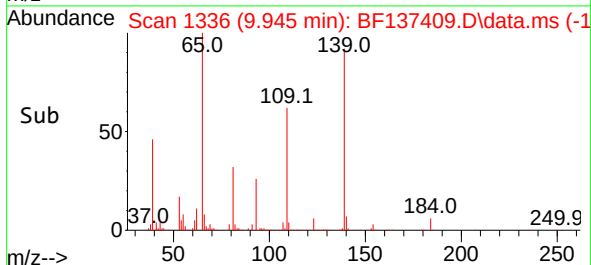
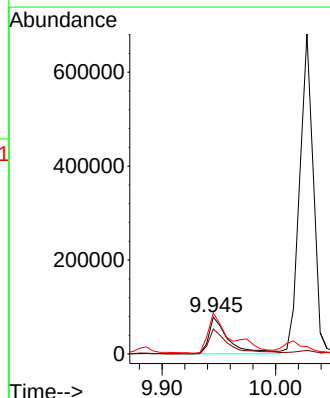
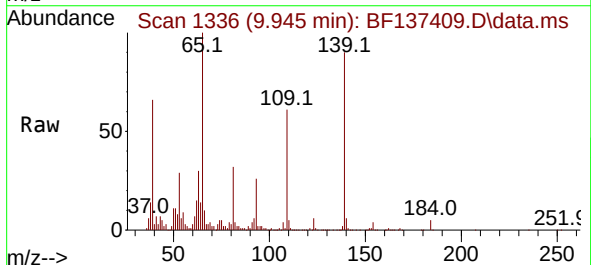
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

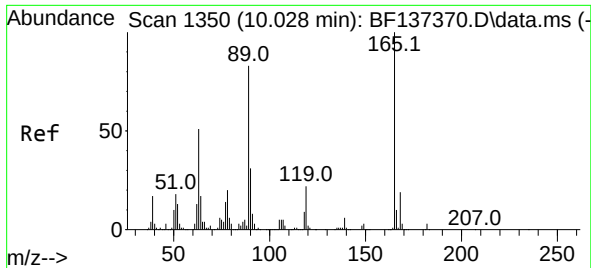
Tgt Ion:168 Resp: 1560307
Ion Ratio Lower Upper
168 100
139 37.3 28.9 43.3
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 23.034 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:139 Resp: 94316
Ion Ratio Lower Upper
139 100
109 67.9 48.0 88.0
65 111.6 82.2 122.2

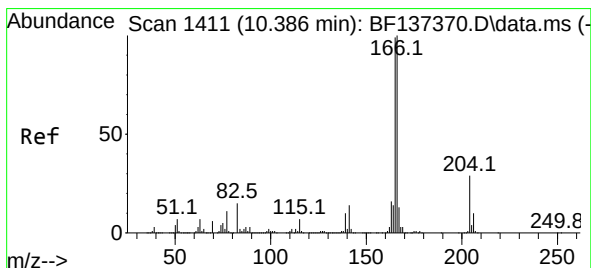
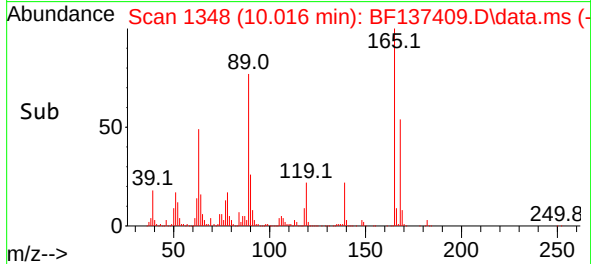
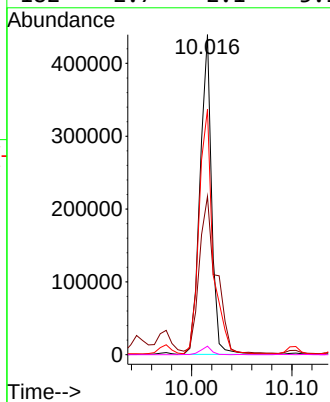
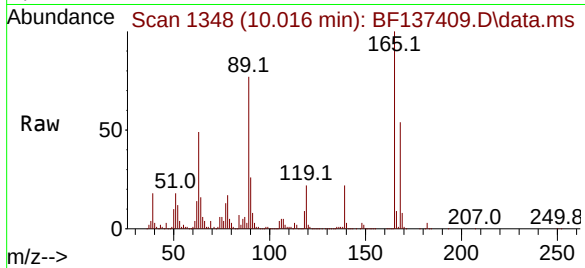




#57
2,4-Dinitrotoluene
Concen: 48.451 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

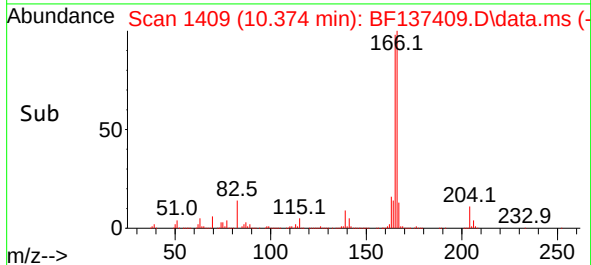
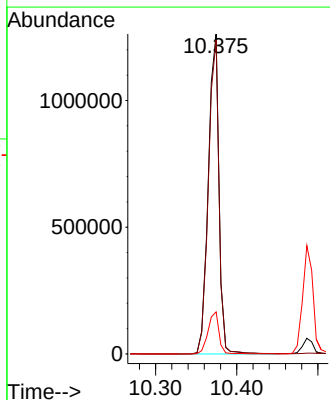
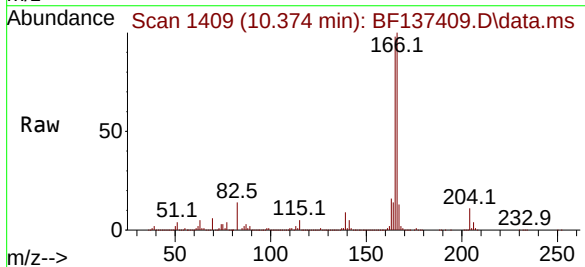
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

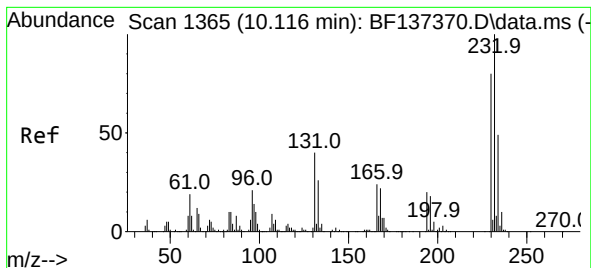
Tgt Ion:165 Resp: 352266
Ion Ratio Lower Upper
165 100
63 49.4 41.1 61.7
89 76.6 66.6 100.0
182 2.7 2.1 3.1



#58
Fluorene
Concen: 40.605 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:166 Resp: 1143498
Ion Ratio Lower Upper
166 100
165 98.2 78.8 118.2
167 13.1 10.5 15.7

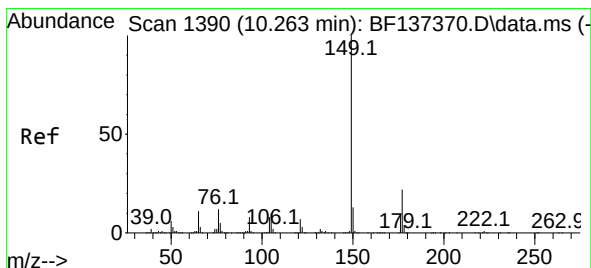
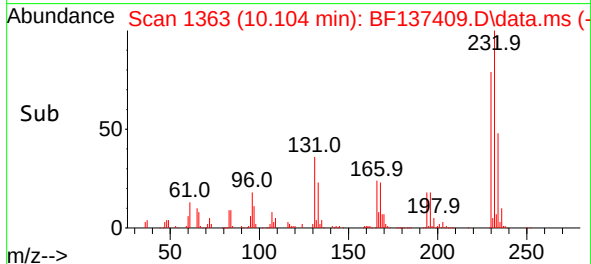
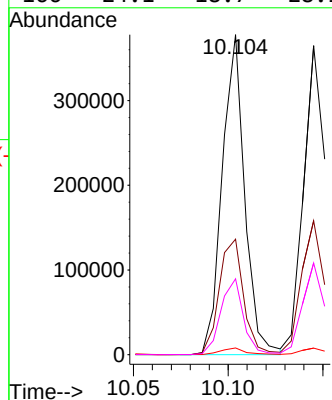
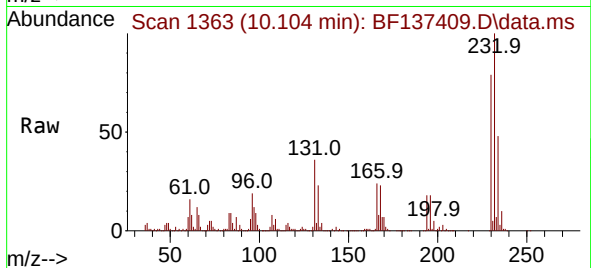




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.096 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.053 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

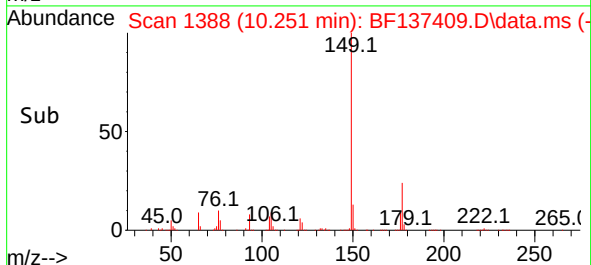
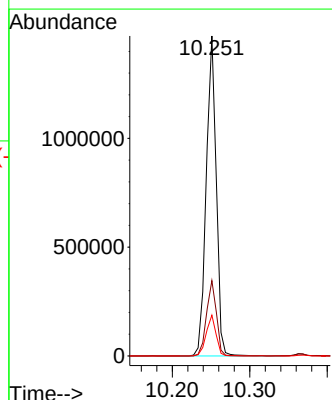
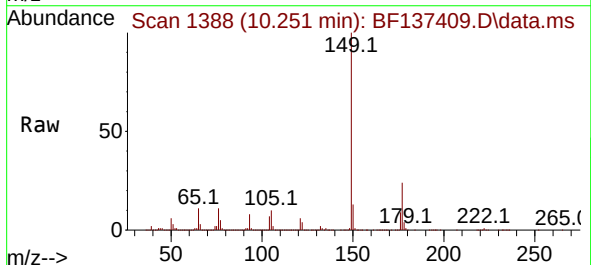
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

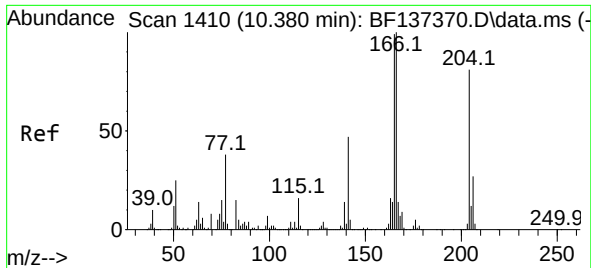
Tgt Ion:232 Resp: 311843
Ion Ratio Lower Upper
232 100
131 39.5 31.1 46.7
130 2.4 1.8 2.6
166 24.1 18.7 28.1



#60
Diethylphthalate
Concen: 45.705 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:149 Resp: 1318781
Ion Ratio Lower Upper
149 100
177 23.5 18.0 27.0
150 12.8 10.2 15.2

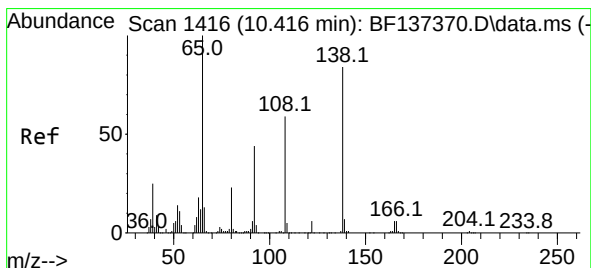
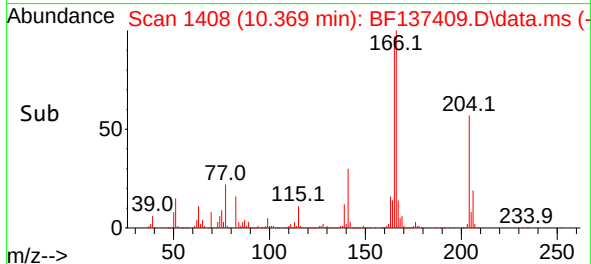
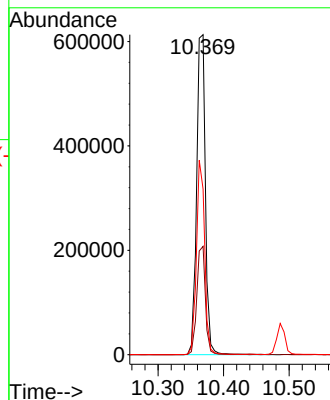
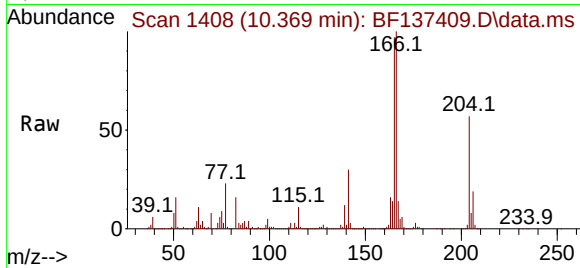




#61
4-Chlorophenyl-phenylether
Concen: 41.112 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

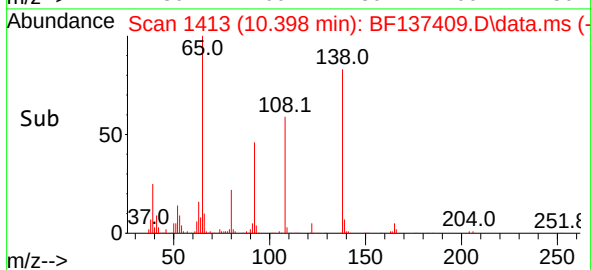
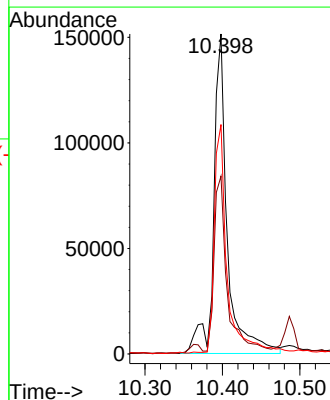
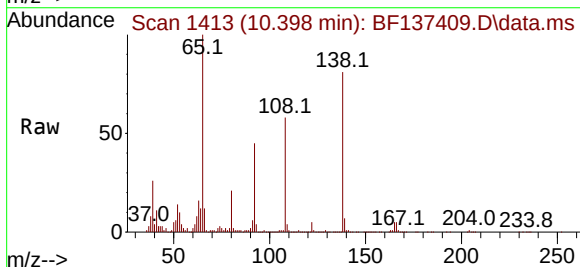
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

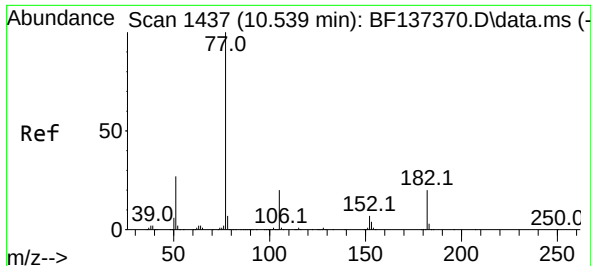
Tgt Ion:204 Resp: 569521
Ion Ratio Lower Upper
204 100
206 33.9 26.8 40.2
141 51.8 46.4 69.6



#62
4-Nitroaniline
Concen: 31.259 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:138 Resp: 185295
Ion Ratio Lower Upper
138 100
92 55.6 33.4 73.4
108 71.7 50.4 90.4

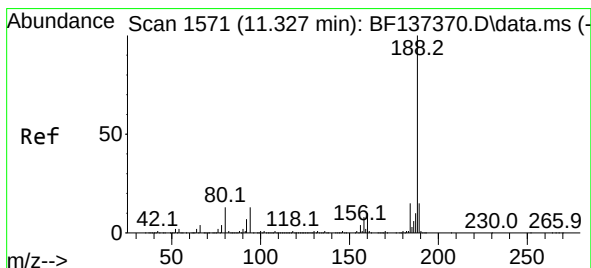
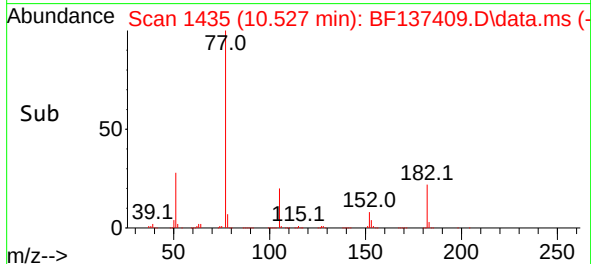
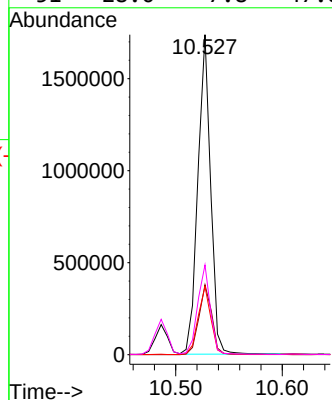
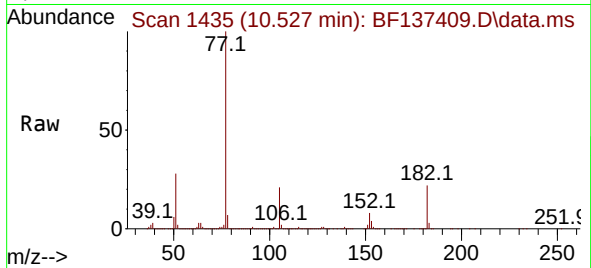




#63
Azobenzene
Concen: 41.960 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

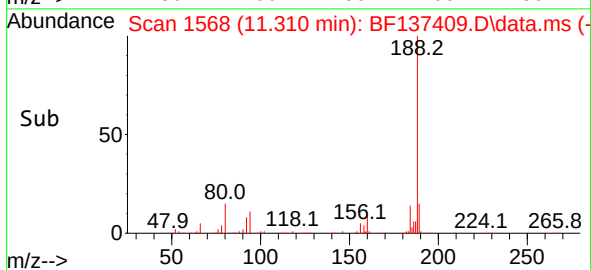
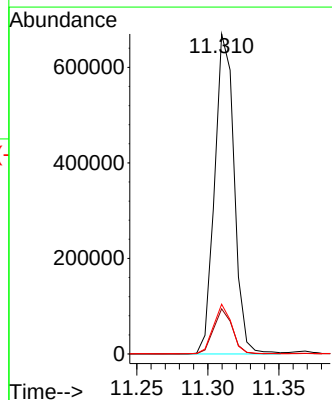
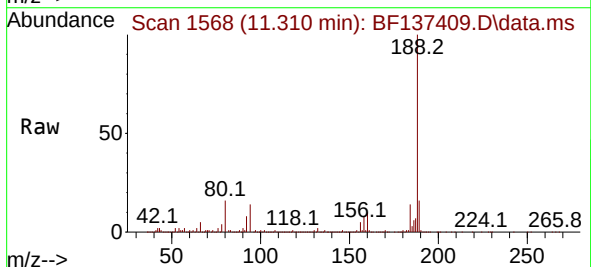
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

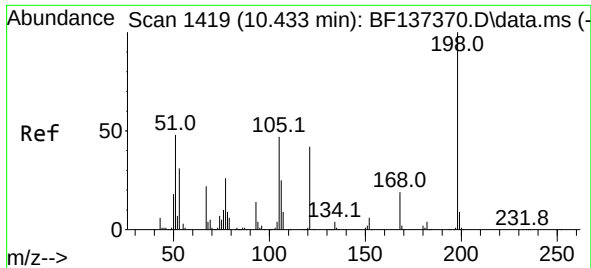
Tgt Ion: 77 Resp: 1448574
Ion Ratio Lower Upper
77 100
182 21.8 0.0 39.6
105 21.3 0.4 40.4
51 28.0 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion: 188 Resp: 640186
Ion Ratio Lower Upper
188 100
94 14.1 10.2 15.2
80 15.6 10.7 16.1





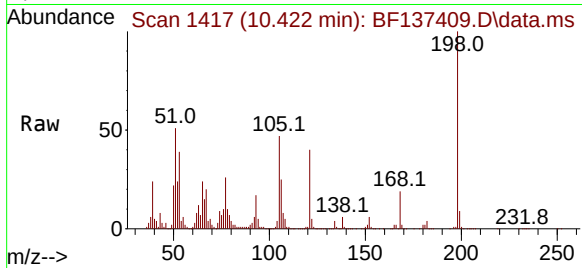
#65
4,6-Dinitro-2-methylphenol
Concen: 48.228 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Instrument :

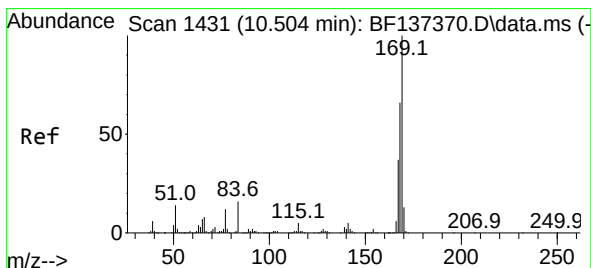
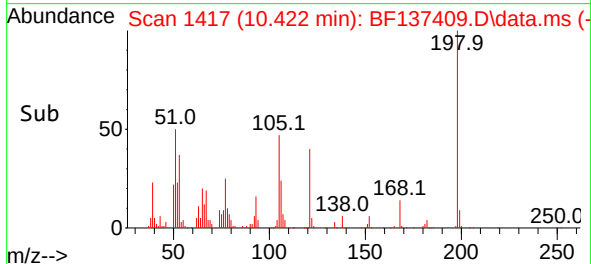
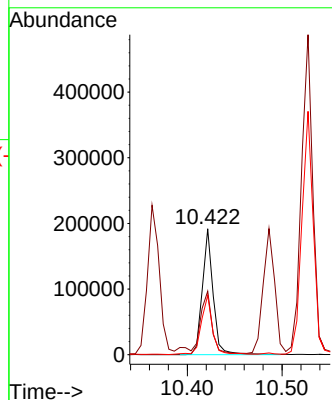
BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

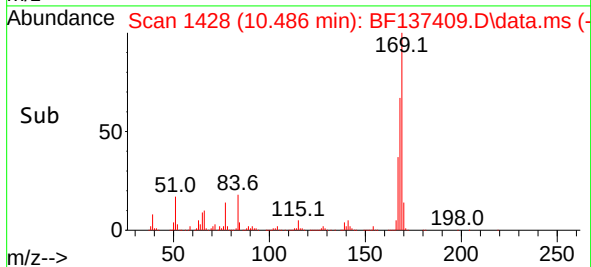
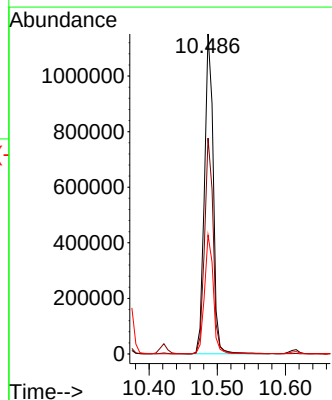
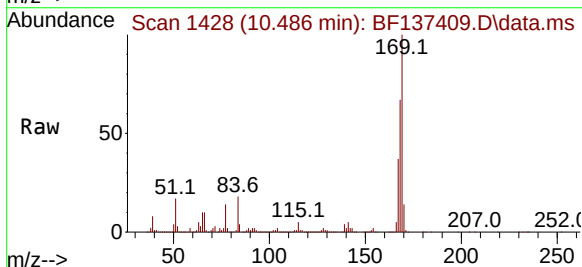


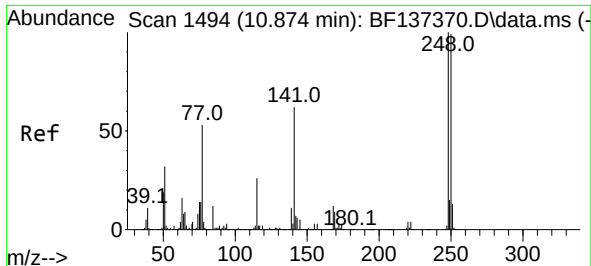
Tgt Ion:198 Resp: 151047
Ion Ratio Lower Upper
198 100
51 50.5 36.8 76.8
105 47.2 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 49.648 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:169 Resp: 1032240
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.4
167 37.1 29.2 43.8

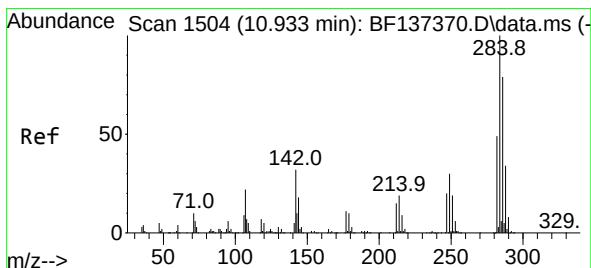
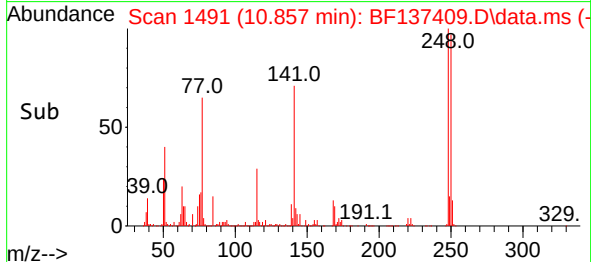
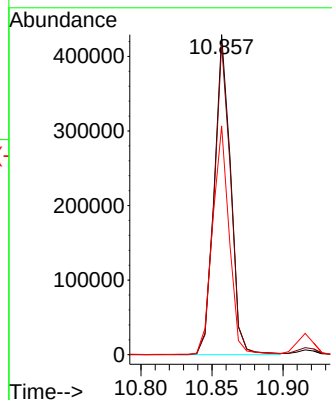
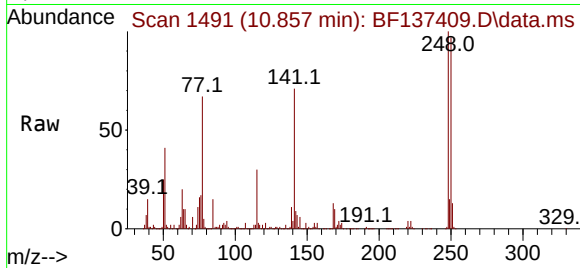




#67
4-Bromophenyl-phenylether
Concen: 50.096 ng
RT: 10.857 min Scan# 1494
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

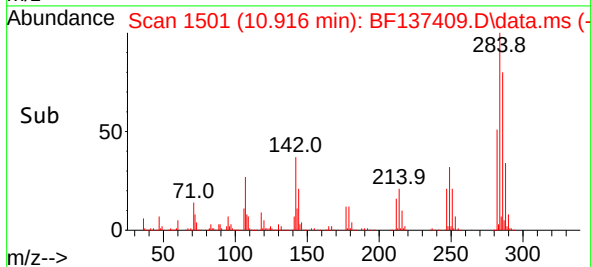
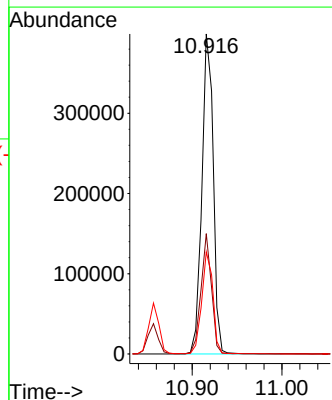
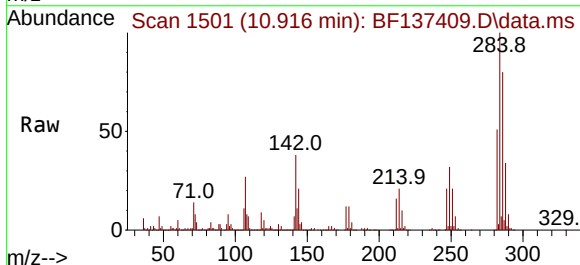
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

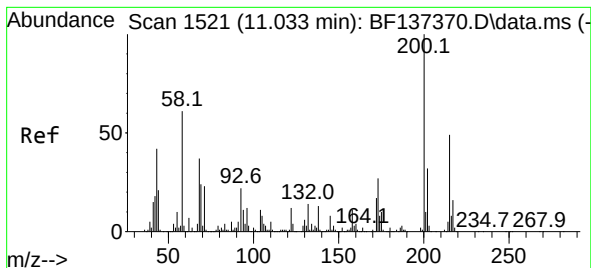
Tgt Ion:248 Resp: 344772
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 71.5 49.9 74.9



#68
Hexachlorobenzene
Concen: 49.214 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:284 Resp: 350376
Ion Ratio Lower Upper
284 100
142 37.6 25.4 38.0
249 31.9 24.2 36.4





#69

Atrazine

Concen: 53.093 ng

RT: 11.022 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

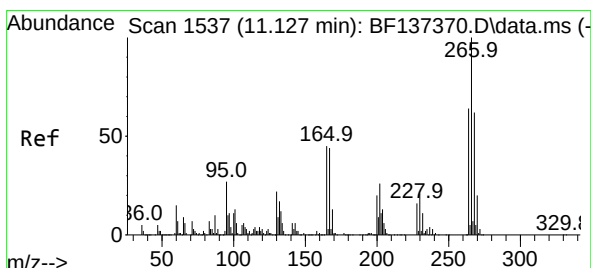
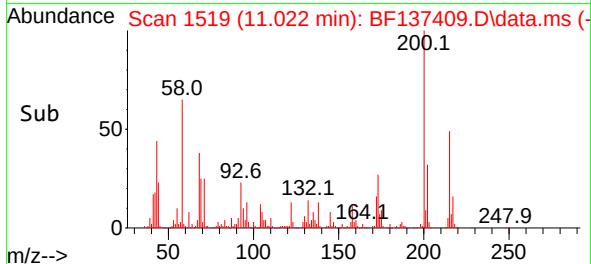
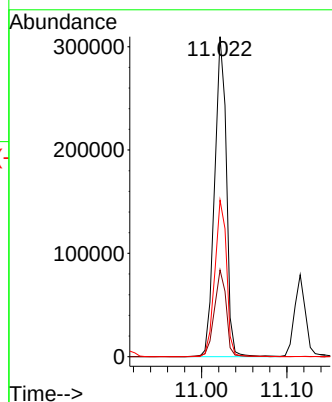
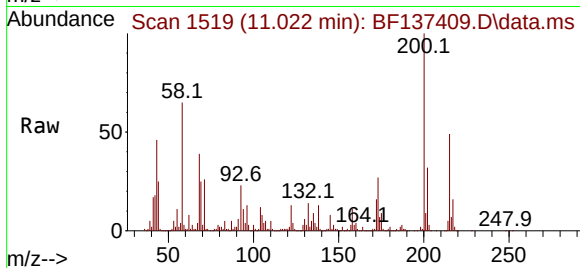
Tgt Ion:200 Resp: 297904

Ion Ratio Lower Upper

200 100

173 27.1 6.8 46.8

215 48.9 29.4 69.4



#70

Pentachlorophenol

Concen: 83.839 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

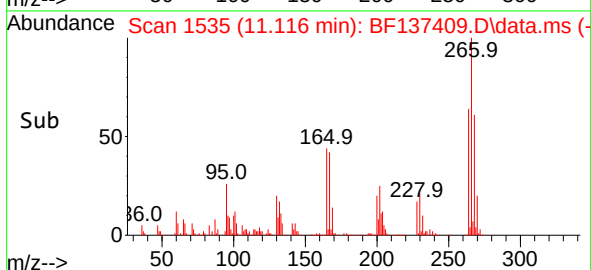
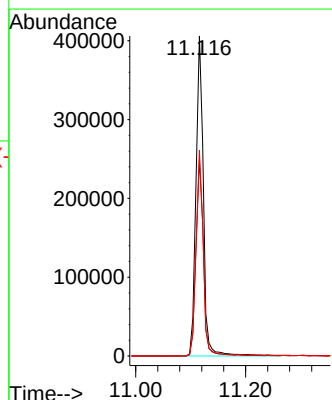
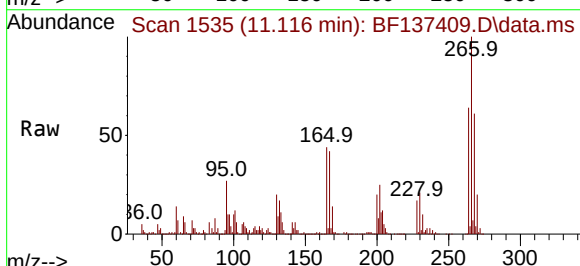
Tgt Ion:266 Resp: 378173

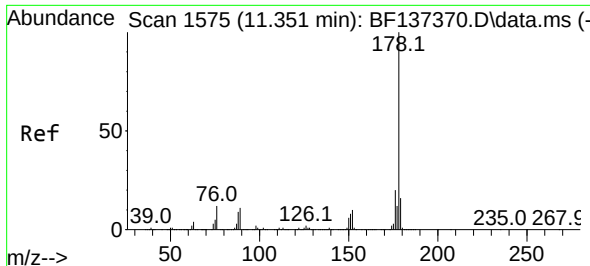
Ion Ratio Lower Upper

266 100

268 61.4 49.4 74.2

264 64.3 51.3 76.9

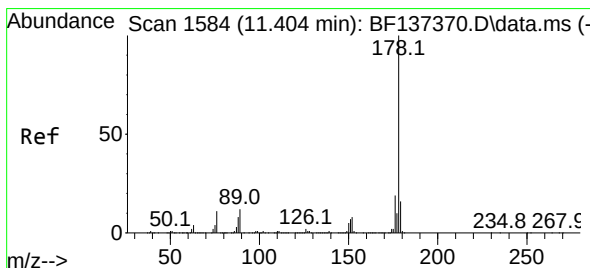
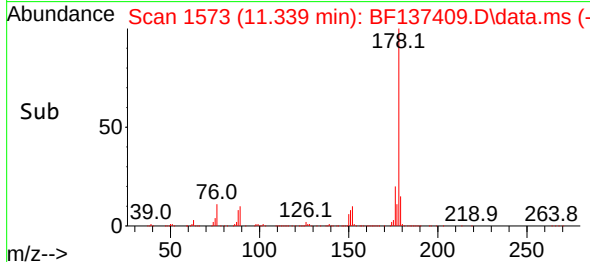
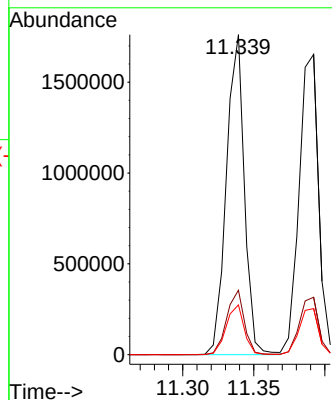
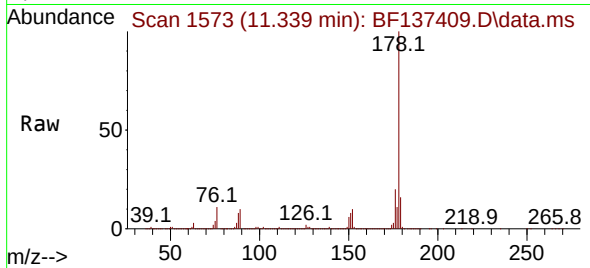




#71
Phenanthrene
Concen: 43.934 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

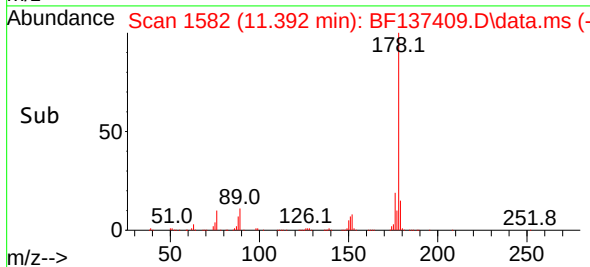
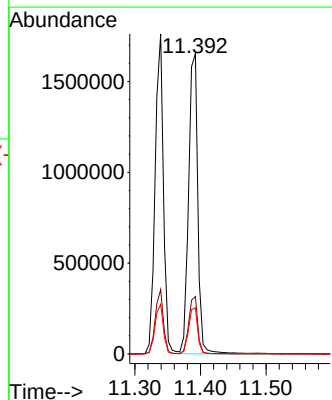
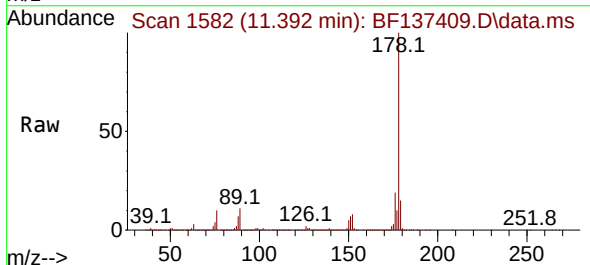
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MSD

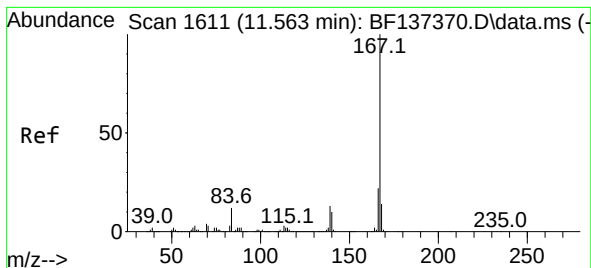
Tgt Ion:178 Resp: 1551744
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.6 12.7 19.1



#72
Anthracene
Concen: 44.006 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:178 Resp: 1601775
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.6 18.8





#73

Carbazole

Concen: 40.988 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

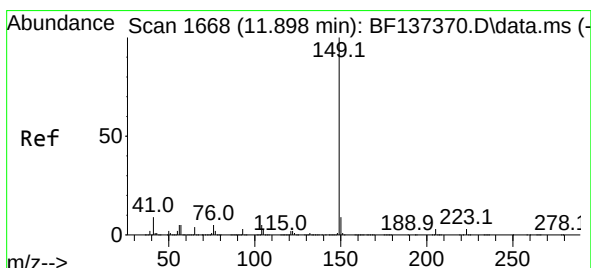
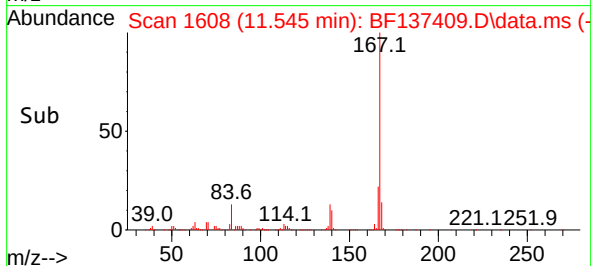
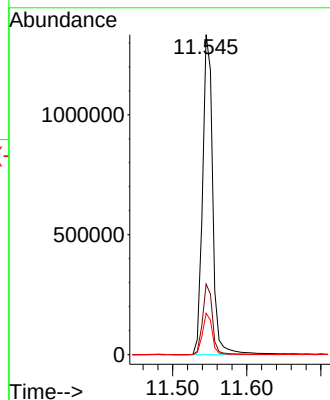
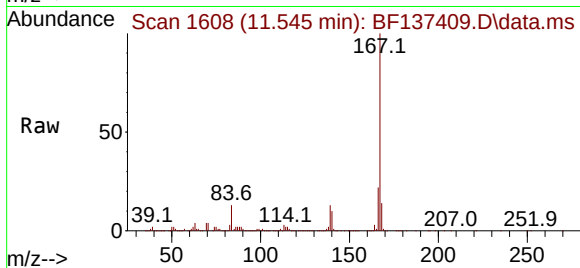
Tgt Ion:167 Resp: 1274695

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

139 13.0 10.0 15.0



#74

Di-n-butylphthalate

Concen: 60.220 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

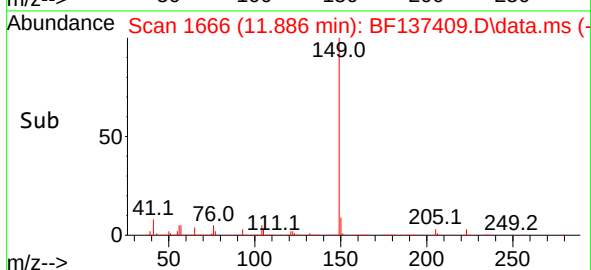
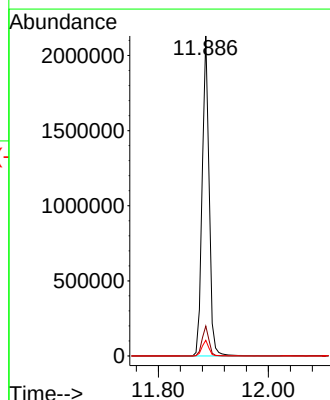
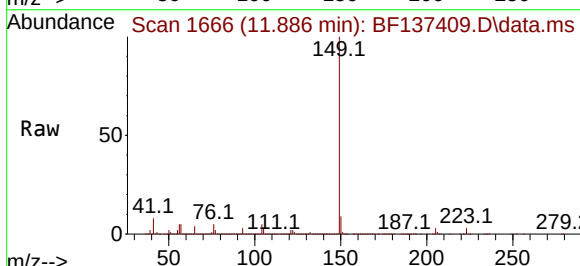
Tgt Ion:149 Resp: 1873942

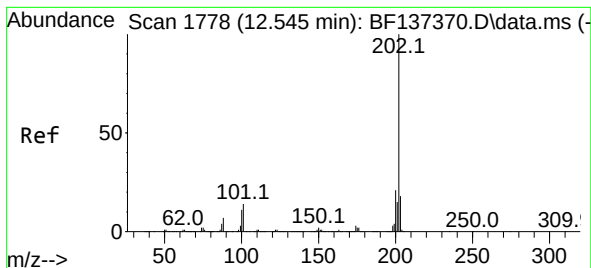
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 39.092 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

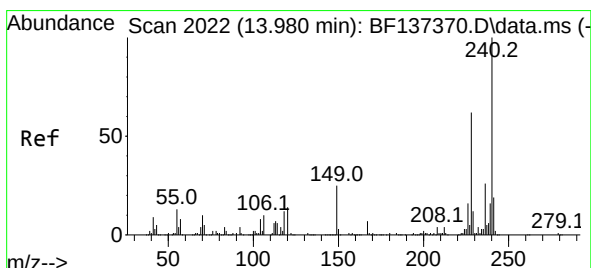
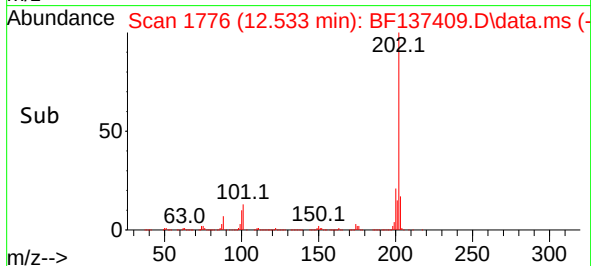
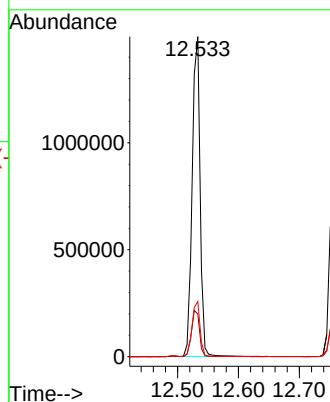
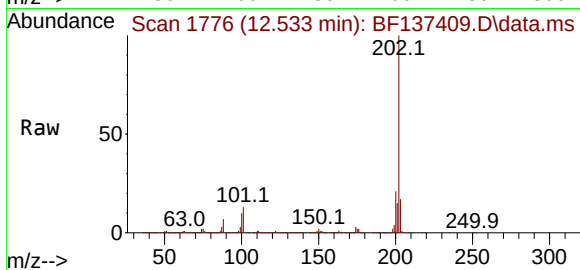
Tgt Ion:202 Resp: 1347777

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.9

203 17.2 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

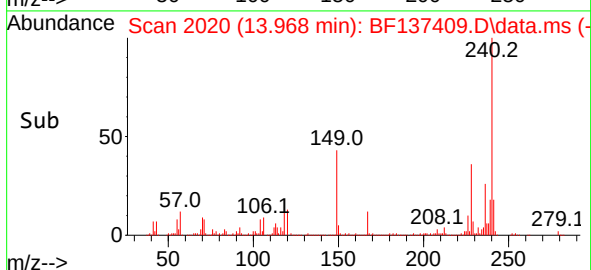
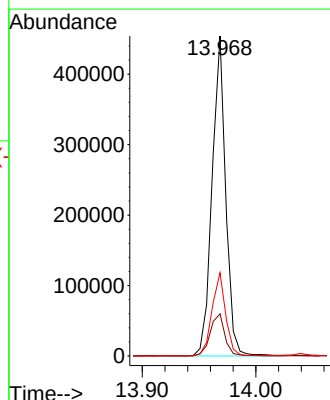
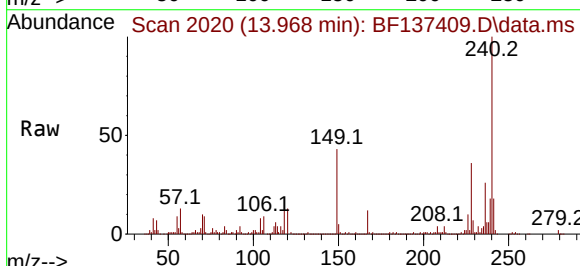
Tgt Ion:240 Resp: 377798

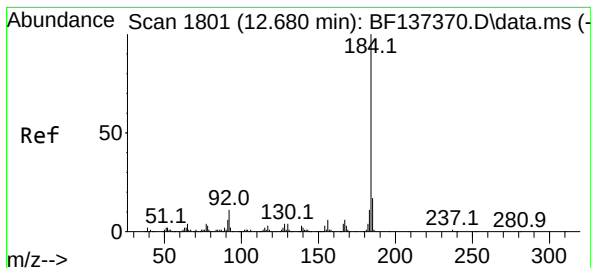
Ion Ratio Lower Upper

240 100

120 13.2 11.3 16.9

236 26.0 20.5 30.7





#77

Benzidine

Concen: 12.887 ng

RT: 12.668 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

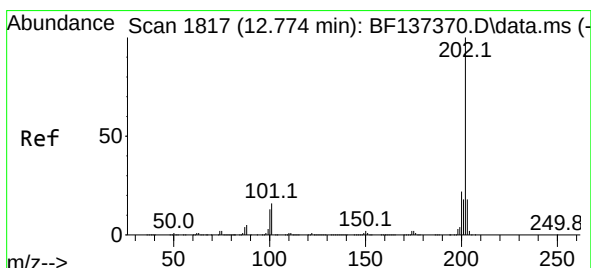
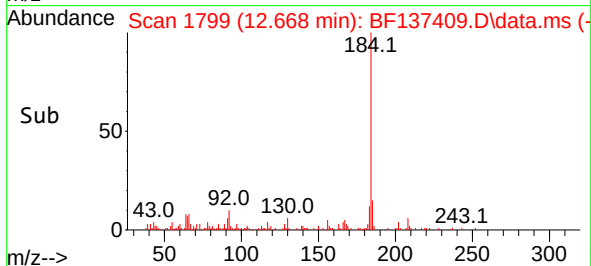
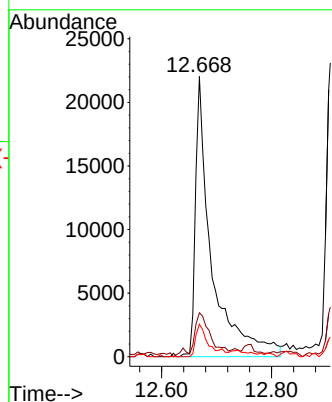
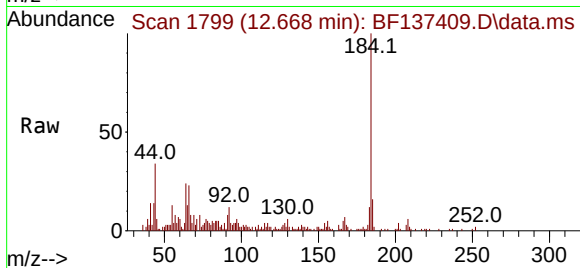
Tgt Ion:184 Resp: 44883

Ion Ratio Lower Upper

184 100

185 15.6 13.7 20.5

183 11.6 8.8 13.2



#78

Pyrene

Concen: 38.129 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

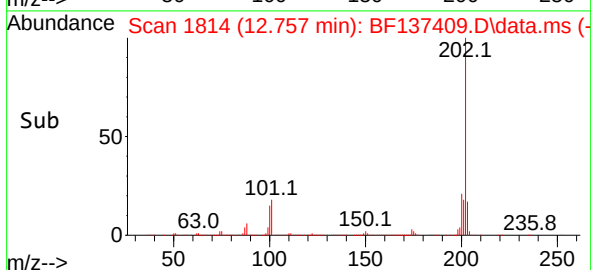
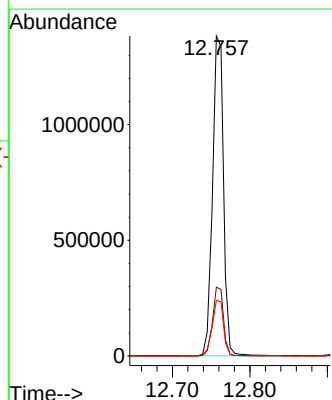
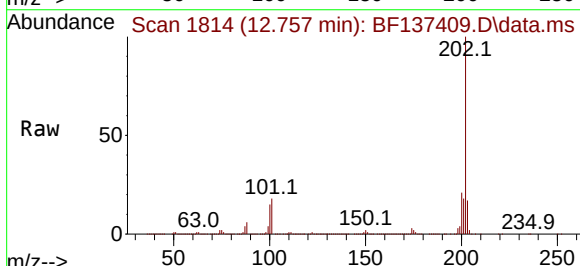
Tgt Ion:202 Resp: 1362099

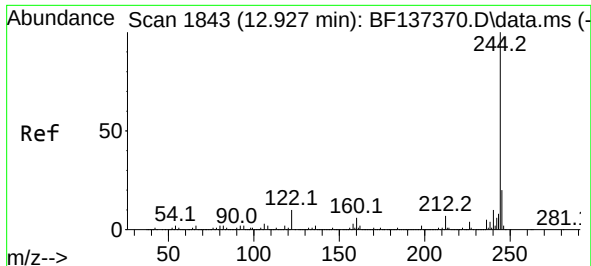
Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

203 17.4 14.2 21.2

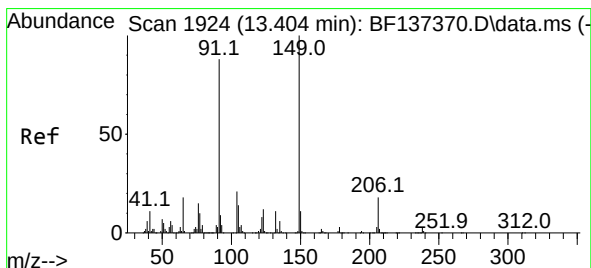
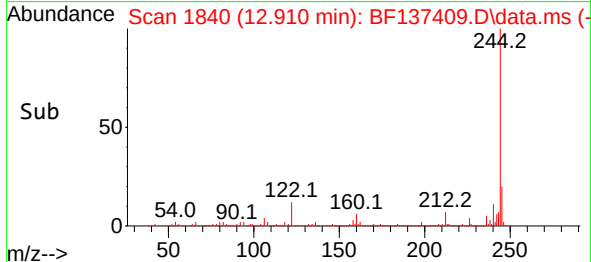
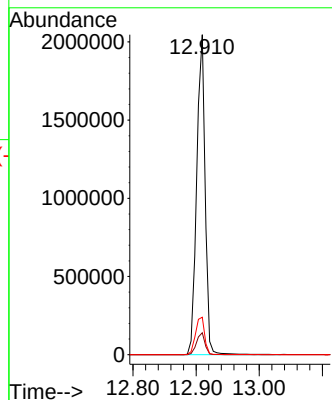
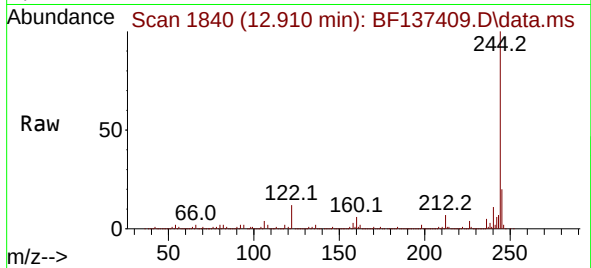




#79
 Terphenyl-d14
 Concen: 69.949 ng
 RT: 12.910 min Scan# 1843
 Delta R.T. -0.018 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

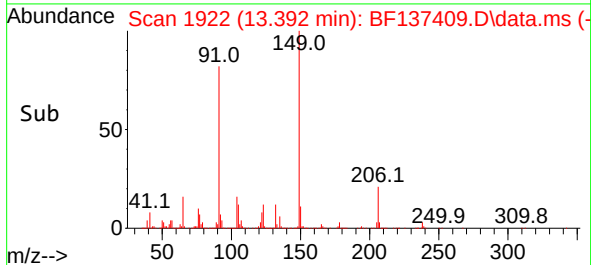
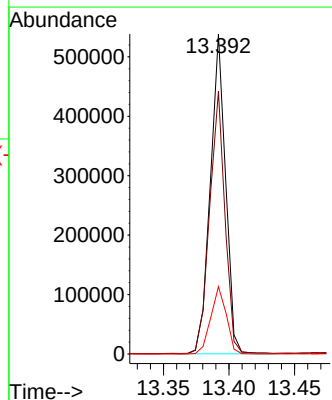
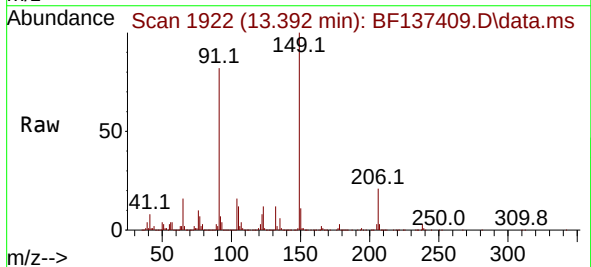
Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

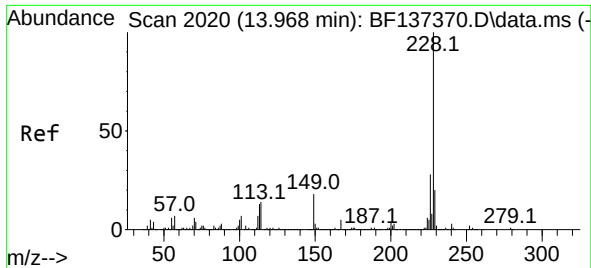
Tgt Ion:244 Resp: 1889382
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 11.7 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 70.620 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF137409.D
 Acq: 27 Feb 2024 17:15

Tgt Ion:149 Resp: 436948
 Ion Ratio Lower Upper
 149 100
 91 82.1 70.5 105.7
 206 21.0 14.8 22.2





#81
Benzo(a)anthracene
Concen: 45.926 ng
RT: 13.957 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

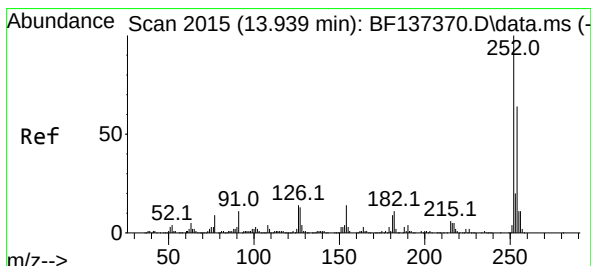
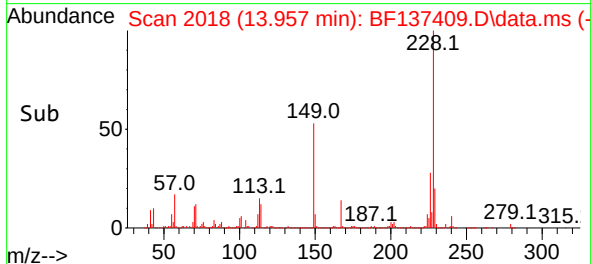
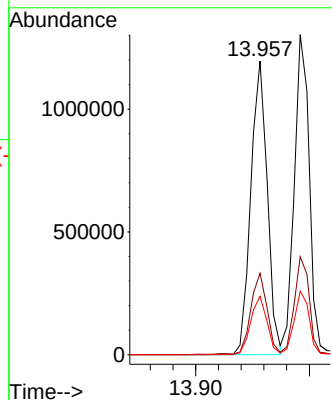
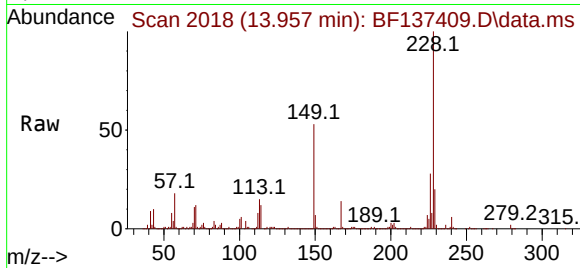
Instrument :

BNA_F

ClientSampleId :

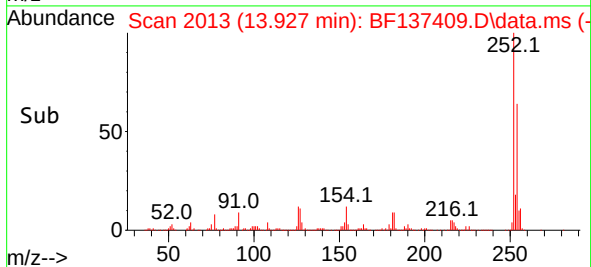
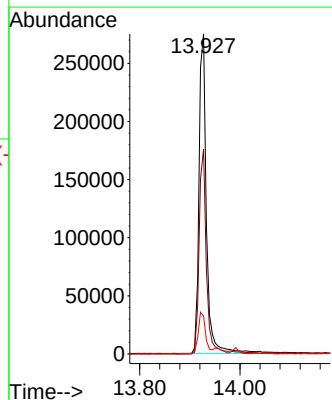
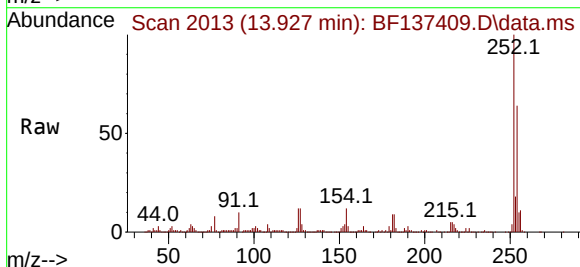
20240768-AMENDED-COMP-39N-N-3-03MSD

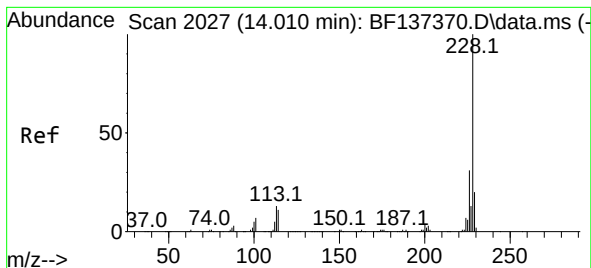
Tgt Ion:228 Resp: 1203996
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 46.668 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:252 Resp: 284343
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 11.8 11.1 16.7





#83

Chrysene

Concen: 45.261 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

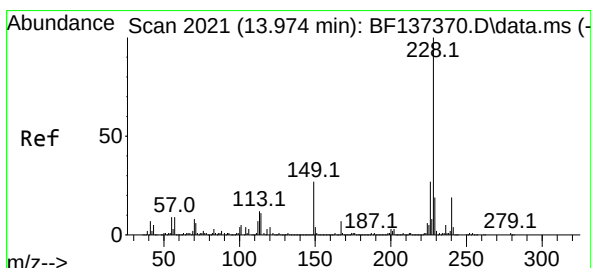
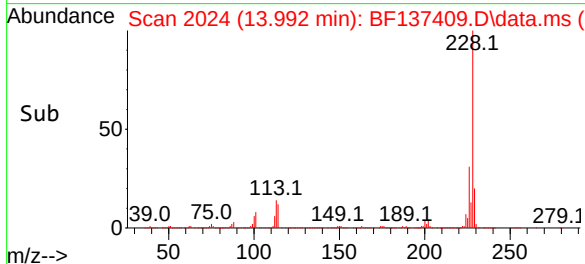
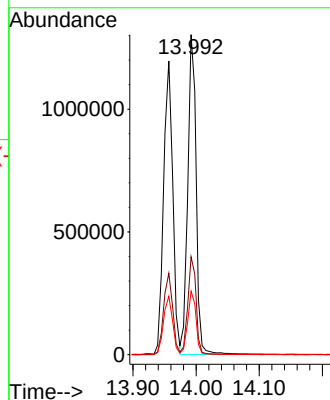
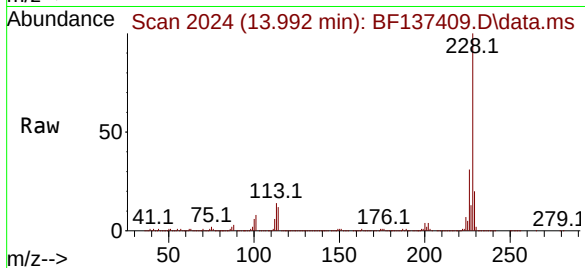
Tgt Ion:228 Resp: 1212109

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.909 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

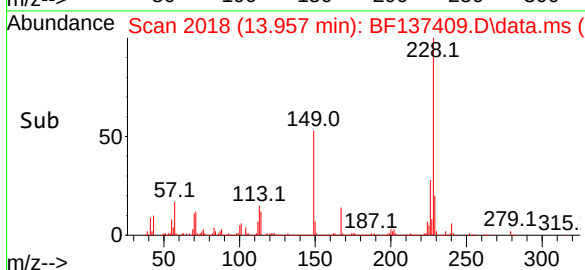
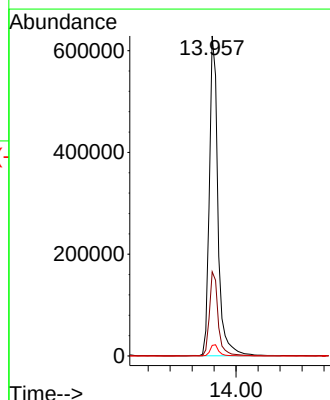
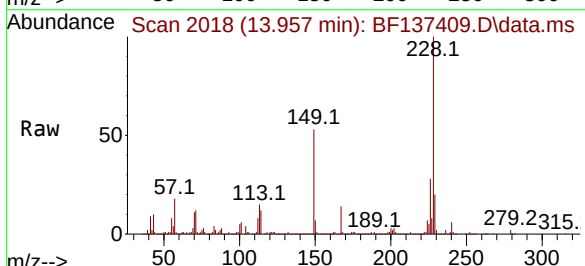
Tgt Ion:149 Resp: 677325

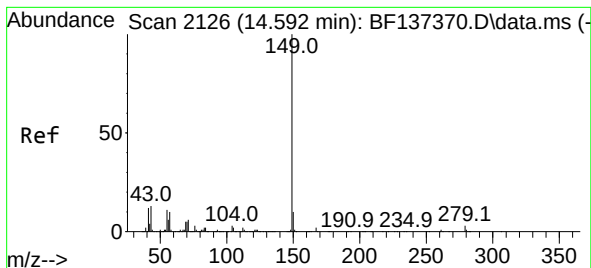
Ion Ratio Lower Upper

149 100

167 26.3 20.6 31.0

279 3.3 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 81.595 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

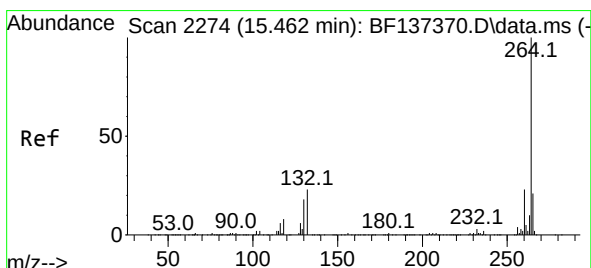
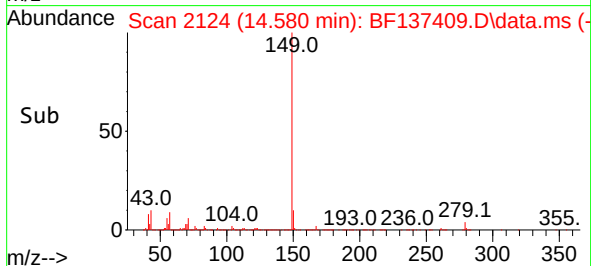
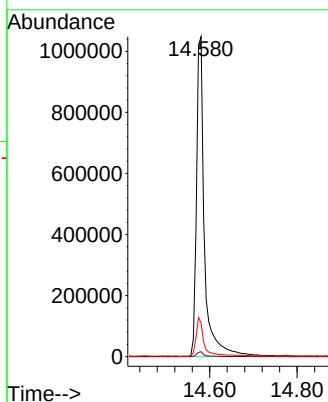
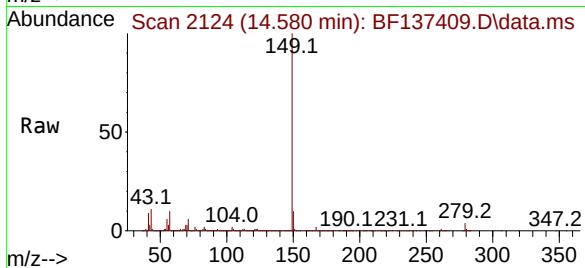
Tgt Ion:149 Resp: 1337384

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

43 12.0 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

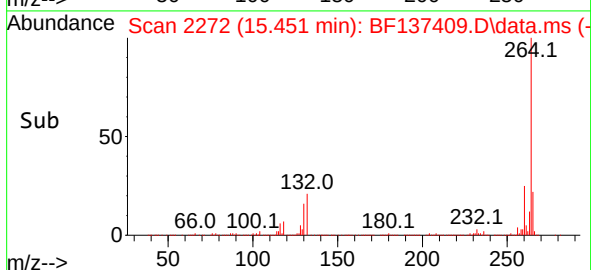
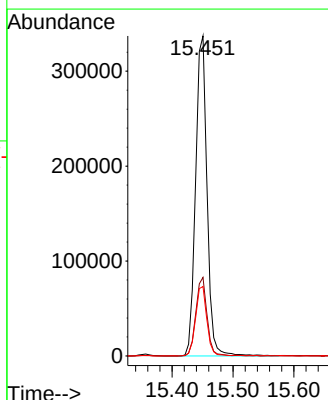
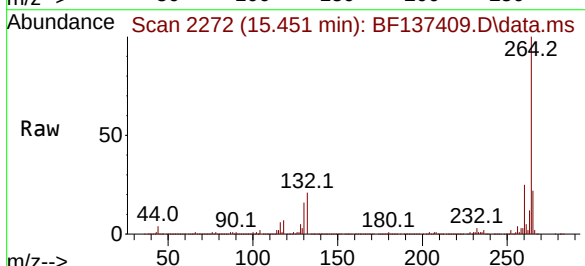
Tgt Ion:264 Resp: 439752

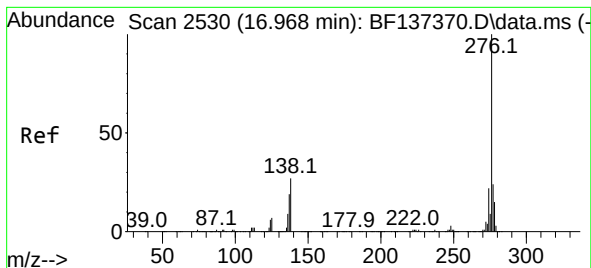
Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.223 ng

RT: 16.945 min Scan# 2198

Delta R.T. -0.023 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

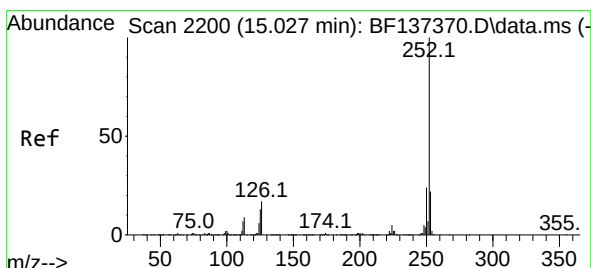
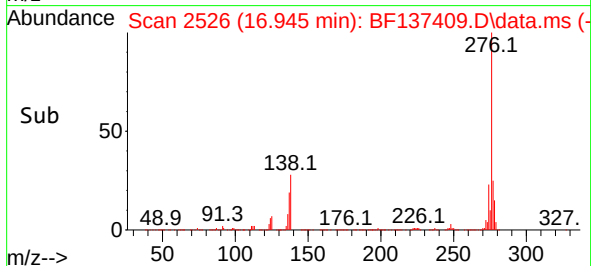
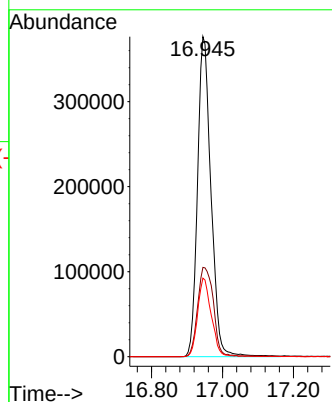
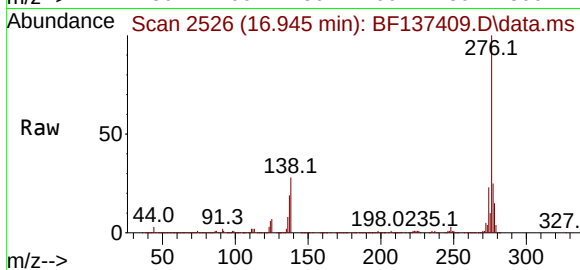
Tgt Ion:276 Resp: 993393

Ion Ratio Lower Upper

276 100

138 32.6 25.8 38.8

277 25.0 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 45.966 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF137409.D

Acq: 27 Feb 2024 17:15

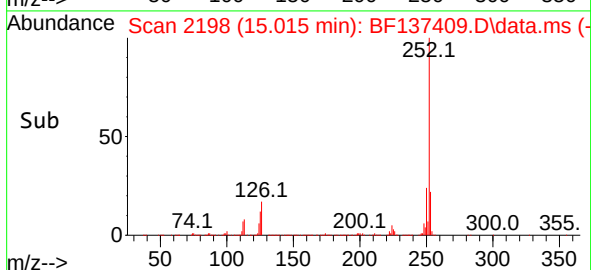
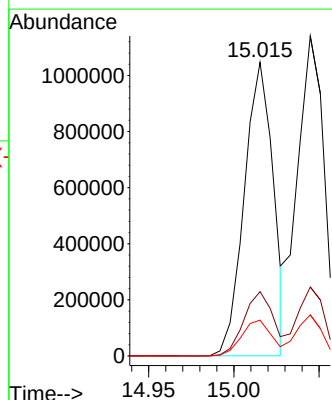
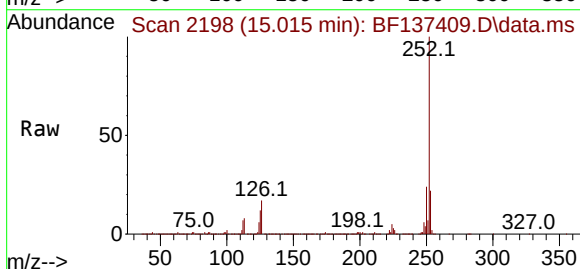
Tgt Ion:252 Resp: 1240009

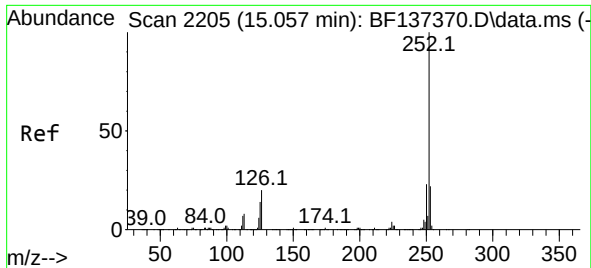
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 12.2 10.2 15.2

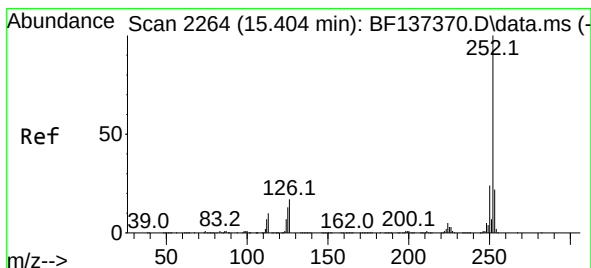
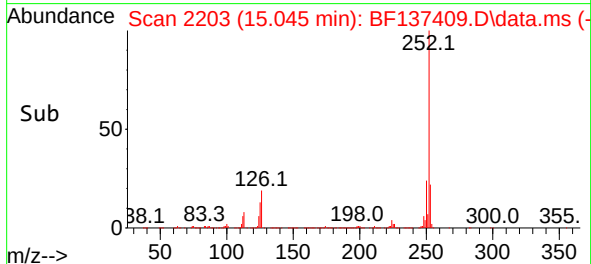
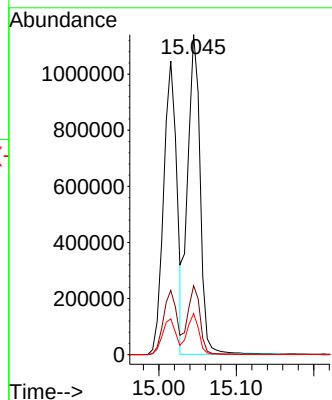
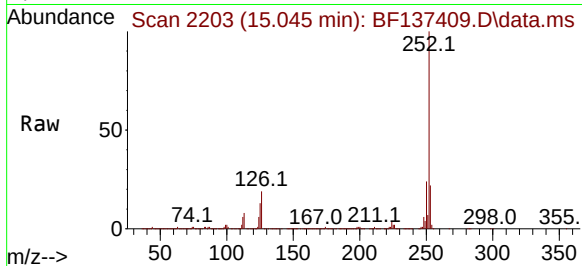




#89
Benzo(k)fluoranthene
Concen: 45.151 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

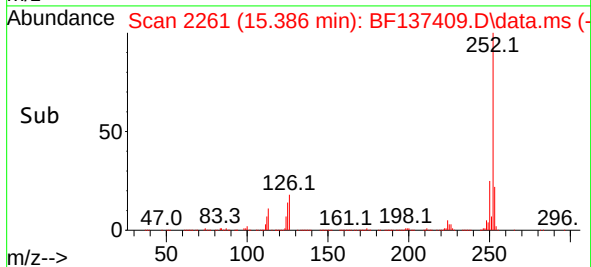
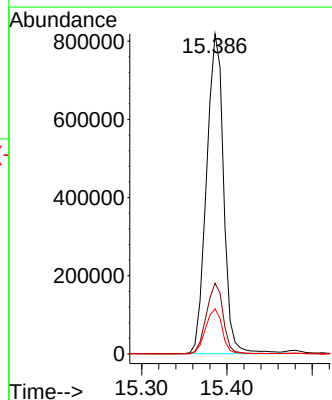
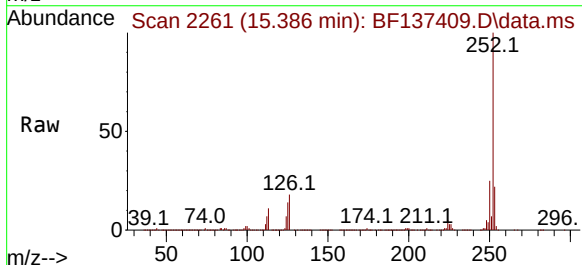
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

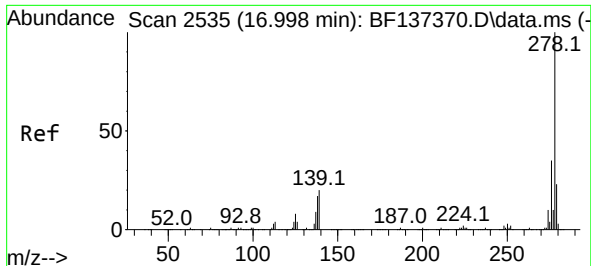
Tgt Ion:252 Resp: 1276613
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 12.9 10.7 16.1



#90
Benzo(a)pyrene
Concen: 44.491 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

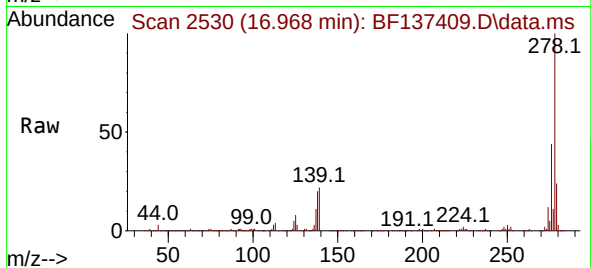
Tgt Ion:252 Resp: 1138453
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 14.1 10.6 16.0



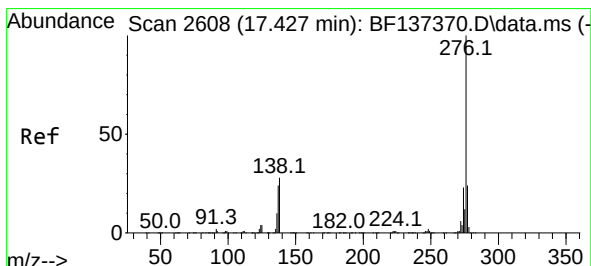
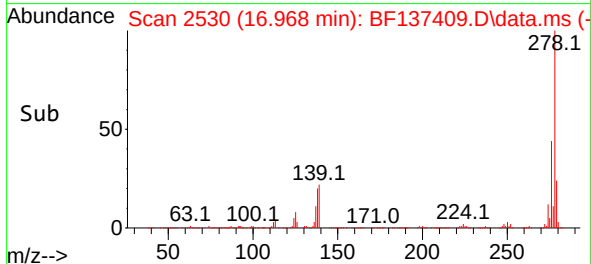
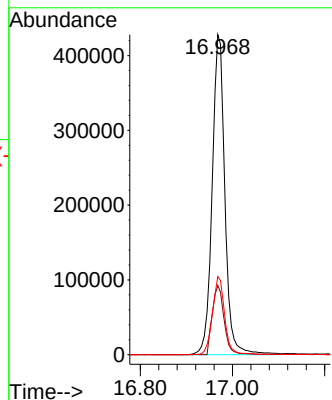


#91
Dibenzo(a,h)anthracene
Concen: 33.399 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD



Tgt Ion:278 Resp: 821279
Ion Ratio Lower Upper
278 100
139 21.6 16.2 24.4
279 24.4 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 28.645 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.024 min
Lab File: BF137409.D
Acq: 27 Feb 2024 17:15

Tgt Ion:276 Resp: 716352
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 27.8 22.6 33.8

