

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137388.D
 Acq On : 26 Feb 2024 16:35
 Operator : CG\JU
 Sample : P1538-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06MS

Quant Time: Feb 26 17:12:54 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	210512	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	843028	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	441832	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	675483	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	354836	20.000	ng	-0.02
86) Perylene-d12	15.439	264	426326	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1492545	109.402	ng	0.00
7) Phenol-d6	6.422	99	2018087	100.558	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1170290	69.305	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	386130	100.359	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1665705	58.693	ng	-0.02
79) Terphenyl-d14	12.904	244	1236699	48.748	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	307263	41.113	ng	99
3) Pyridine	3.357	79	694358	36.869	ng	99
4) n-Nitrosodimethylamine	3.328	42	310316	43.682	ng	99
6) Aniline	6.451	93	414098	17.399	ng	95
8) 2-Chlorophenol	6.569	128	671946	45.921	ng	98
9) Benzaldehyde	6.334	77	92924	9.617	ng	93
10) Phenol	6.440	94	935214	42.579	ng	100
11) bis(2-Chloroethyl)ether	6.522	93	690770	43.282	ng	97
12) 1,3-Dichlorobenzene	6.722	146	702598	44.712	ng	99
13) 1,4-Dichlorobenzene	6.798	146	730347	45.143	ng	99
14) 1,2-Dichlorobenzene	6.951	146	681578	45.545	ng	99
15) Benzyl Alcohol	6.928	79	584121	48.828	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1189941	44.857	ng	99
17) 2-Methylphenol	7.040	107	560710	40.499	ng	99
18) Hexachloroethane	7.293	117	243518	43.681	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	515861	41.713	ng	99
20) 3+4-Methylphenols	7.193	107	650245	41.206	ng	93
22) Acetophenone	7.193	105	900171	44.034	ng	97
24) Nitrobenzene	7.363	77	765984	44.643	ng	95
25) Isophorone	7.604	82	1478539	42.340	ng	100
26) 2-Nitrophenol	7.681	139	313097	47.769	ng	99
27) 2,4-Dimethylphenol	7.722	122	474724	36.965	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	880544	43.748	ng	99
29) 2,4-Dichlorophenol	7.922	162	544489	45.235	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	582568	45.091	ng	99
31) Naphthalene	8.087	128	1922892	42.503	ng	100
32) Benzoic acid	7.851	122	356317	45.727	ng	95
33) 4-Chloroaniline	8.140	127	76471	4.444	ng	95
34) Hexachlorobutadiene	8.198	225	342373	44.608	ng	98
35) Caprolactam	8.504	113	111983	30.084	ng	95
36) 4-Chloro-3-methylphenol	8.622	107	580407	42.533	ng	98
37) 2-Methylnaphthalene	8.775	142	1164096	39.932	ng	99
38) 1-Methylnaphthalene	8.875	142	1111395	40.323	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	554131	45.535	ng	98
41) Hexachlorocyclopentadiene	8.928	237	444525	80.567	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	371176	47.042	ng	99

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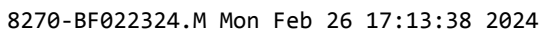
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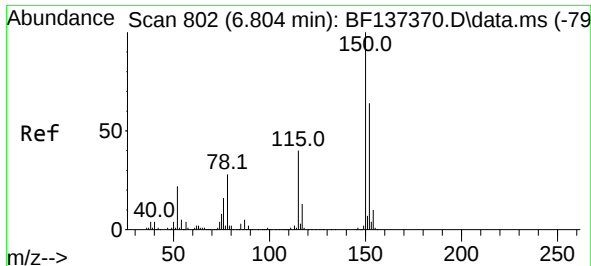
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	387426	42.799	ng	98
46) 1,1'-Biphenyl	9.239	154	1431930	44.497	ng	99
47) 2-Chloronaphthalene	9.263	162	1111085	45.719	ng	99
48) 2-Nitroaniline	9.363	65	313650	42.981	ng	97
49) Acenaphthylene	9.681	152	1764195	44.681	ng	100
50) Dimethylphthalate	9.545	163	1299131	42.552	ng	100
51) 2,6-Dinitrotoluene	9.610	165	262917	46.290	ng	97
52) Acenaphthene	9.851	154	981855	41.658	ng	99
53) 3-Nitroaniline	9.781	138	100513	17.086	ng	97
54) 2,4-Dinitrophenol	9.881	184	214606	76.791	ng	94
55) Dibenzofuran	10.028	168	1516094	41.619	ng	99
56) 4-Nitrophenol	9.945	139	354246	74.019	ng	95
57) 2,4-Dinitrotoluene	10.010	165	320919	44.764	ng	97
58) Fluorene	10.369	166	1125449	40.455	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	310425	41.412	ng	99
60) Diethylphthalate	10.251	149	1221450	42.851	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	545474	39.860	ng	100
62) 4-Nitroaniline	10.398	138	184248	31.452	ng	99
63) Azobenzene	10.528	77	1385043	40.613	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	141415	43.301	ng	96
66) n-Nitrosodiphenylamine	10.486	169	991503	45.196	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	339579	46.763	ng	95
68) Hexachlorobenzene	10.916	284	354778	47.228	ng	98
69) Atrazine	11.016	200	305562	51.612	ng	99
70) Pentachlorophenol	11.116	266	393214	82.618	ng	99
71) Phenanthrene	11.333	178	1579742	42.390	ng	99
72) Anthracene	11.386	178	1596413	41.566	ng	100
73) Carbazole	11.545	167	1324230	40.355	ng	99
74) Di-n-butylphthalate	11.886	149	1746469	53.191	ng	99
75) Fluoranthene	12.527	202	1391615	38.255	ng	99
77) Benzidine	12.663	184	145789	27.521	ng	98
78) Pyrene	12.757	202	1385387	41.290	ng	99
80) Butylbenzylphthalate	13.392	149	333957	61.289	ng	# 90
81) Benzo(a)anthracene	13.951	228	1099000	44.634	ng	100
82) 3,3'-Dichlorobenzidine	13.922	252	168230	31.260	ng	98
83) Chrysene	13.986	228	1132275	45.015	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	516692	70.551	ng	98
85) Di-n-octyl phthalate	14.574	149	979441	70.257	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.933	276	1073063	36.804	ng	99
88) Benzo(b)fluoranthene	15.010	252	1195055	45.695	ng	99
89) Benzo(k)fluoranthene	15.039	252	1059145	38.639	ng	99
90) Benzo(a)pyrene	15.380	252	1060426	42.747	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	882036	36.835	ng	98
92) Benzo(g,h,i)perylene	17.392	276	803677	32.824	ng	98

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

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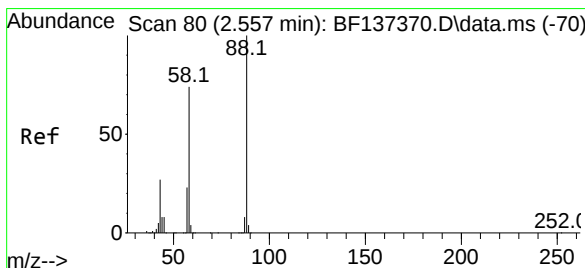
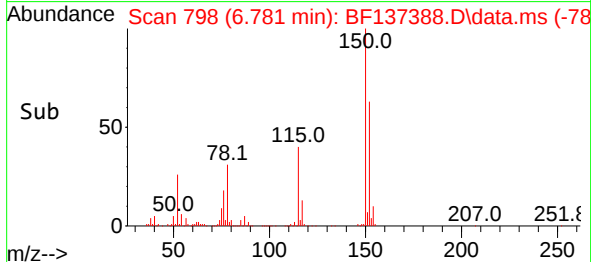
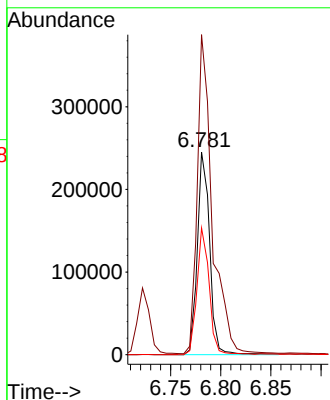
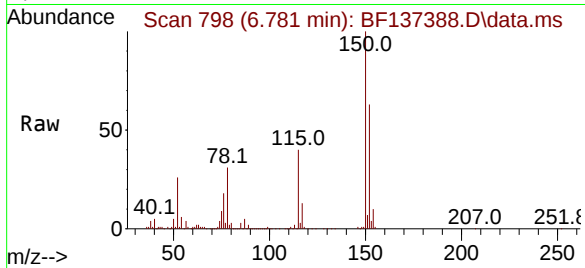




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.023 min
 Lab File: BF137388.D
 Acq: 26 Feb 2024 16:35

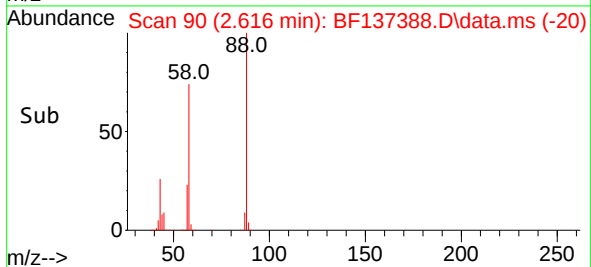
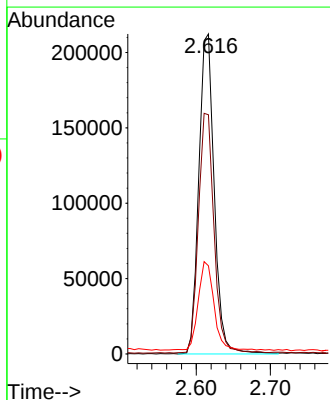
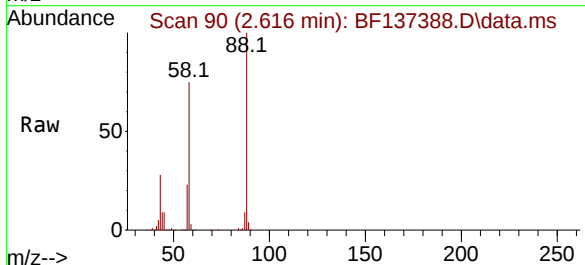
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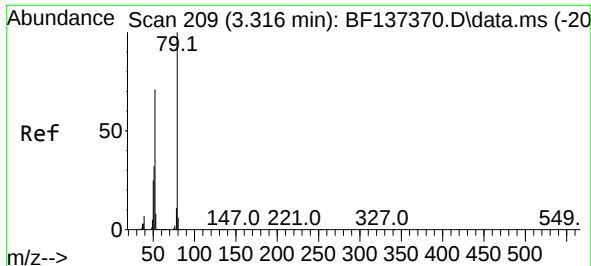
Tgt Ion:152 Resp: 210512
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.7 188.5
 115 62.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 41.113 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.059 min
 Lab File: BF137388.D
 Acq: 26 Feb 2024 16:35

Tgt Ion: 88 Resp: 307263
 Ion Ratio Lower Upper
 88 100
 58 75.9 60.6 91.0
 43 28.6 22.0 33.0

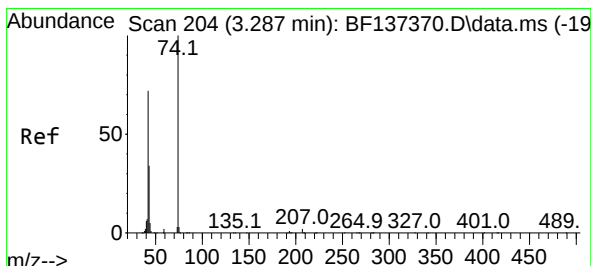
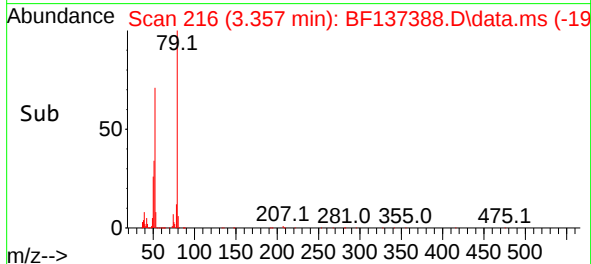
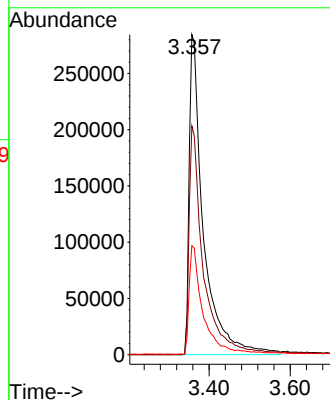
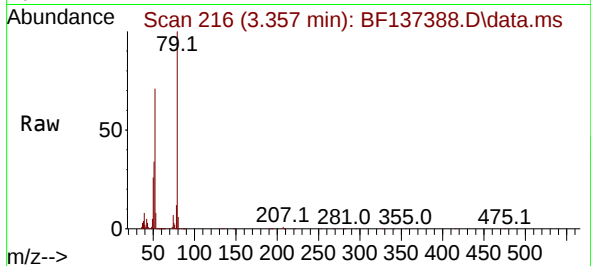




#3
Pyridine
Concen: 36.869 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.041 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

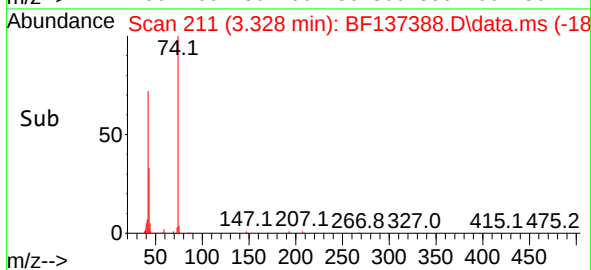
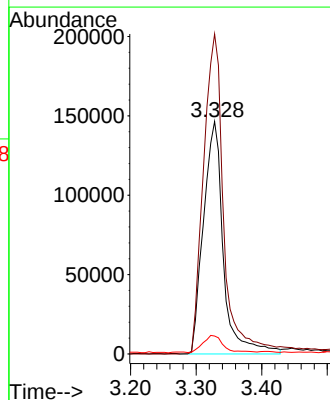
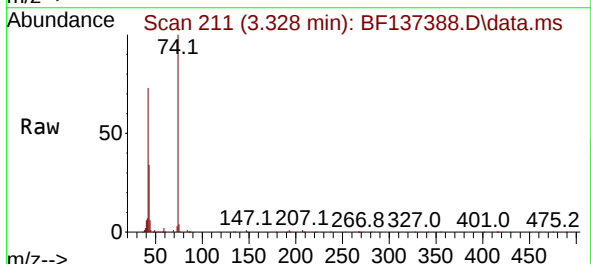
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

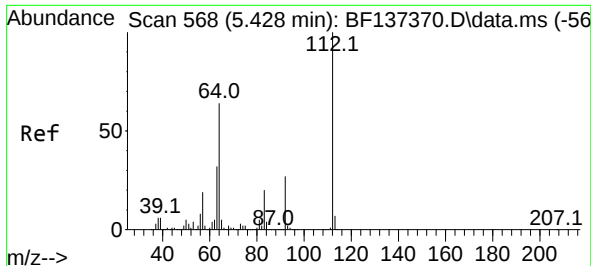
Tgt Ion: 79 Resp: 694358
Ion Ratio Lower Upper
79 100
52 71.4 56.5 84.7
51 34.1 26.2 39.2



#4
n-Nitrosodimethylamine
Concen: 43.682 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.041 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion: 42 Resp: 310316
Ion Ratio Lower Upper
42 100
74 137.7 110.8 166.2
44 7.7 6.0 9.0

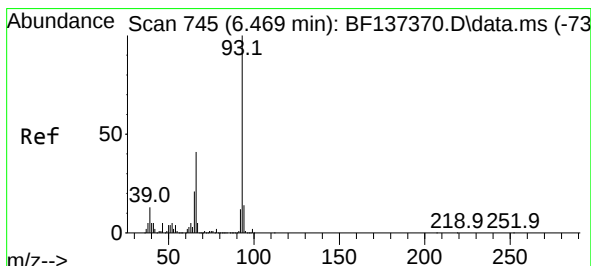
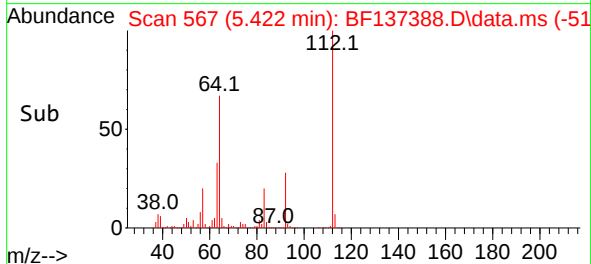
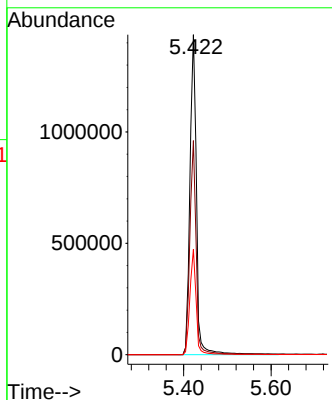
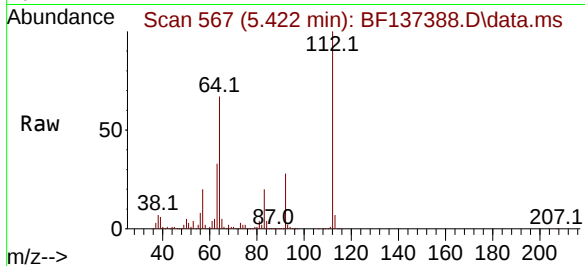




#5
2-Fluorophenol
Concen: 109.402 ng
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

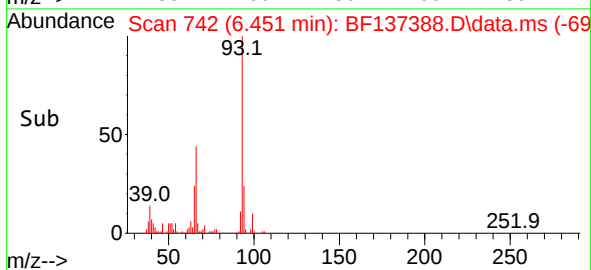
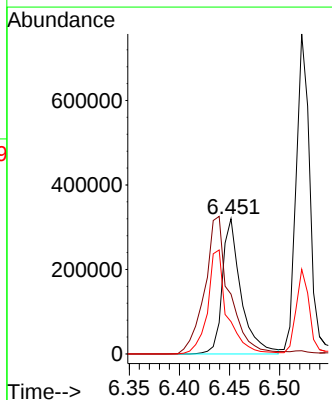
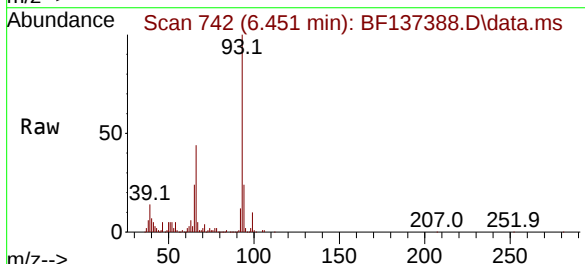
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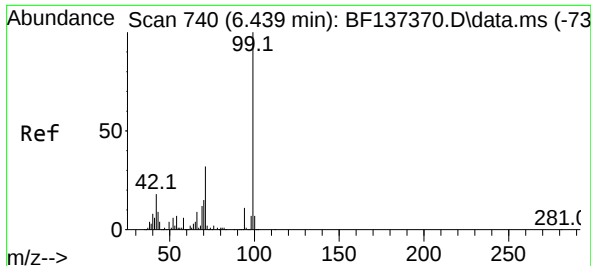
Tgt Ion:112 Resp: 1492545
Ion Ratio Lower Upper
112 100
64 66.9 51.0 76.6
63 32.9 25.7 38.5



#6
Aniline
Concen: 17.399 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion: 93 Resp: 414098
Ion Ratio Lower Upper
93 100
66 44.3 33.0 49.4
65 24.0 17.0 25.6

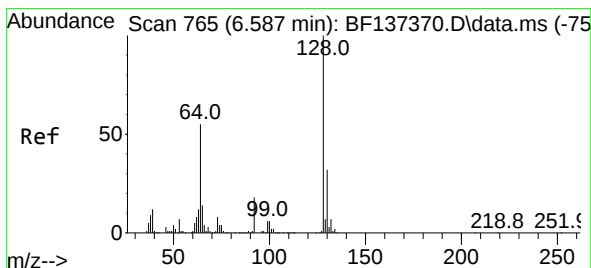
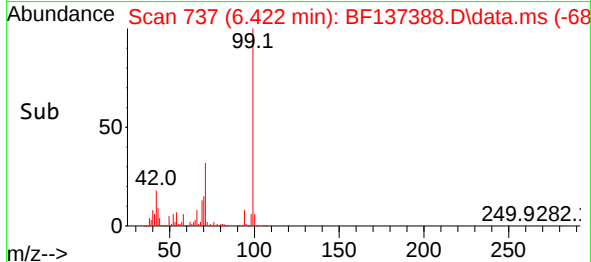
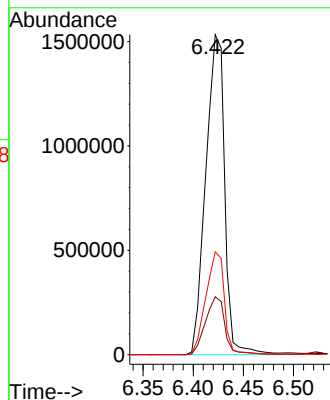
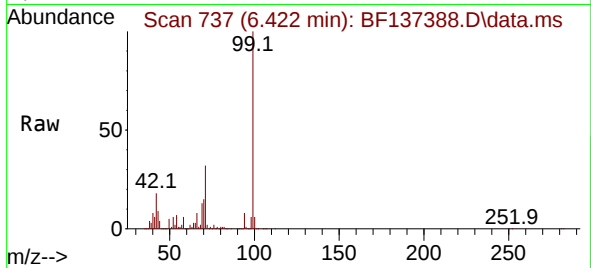




#7
Phenol-d6
Concen: 100.558 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

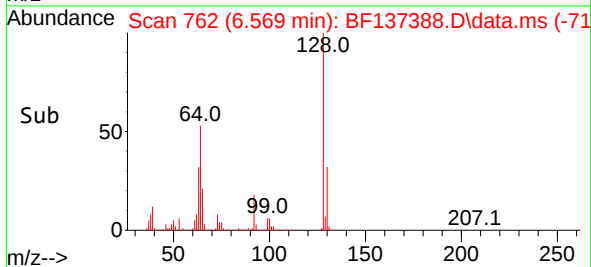
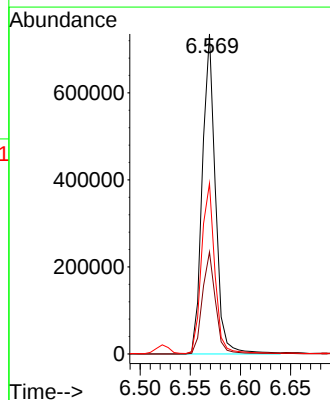
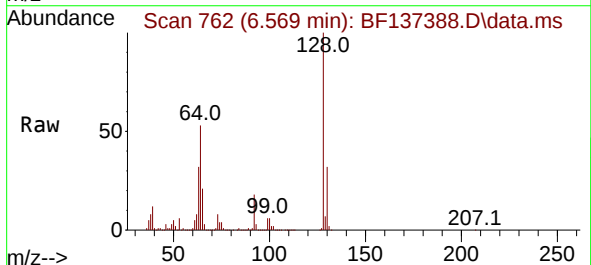
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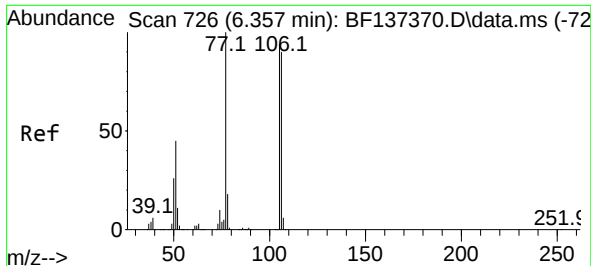
Tgt Ion: 99 Resp: 2018087
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 32.1 25.2 37.8



#8
2-Chlorophenol
Concen: 45.921 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:128 Resp: 671946
Ion Ratio Lower Upper
128 100
130 31.8 12.1 52.1
64 53.3 35.3 75.3

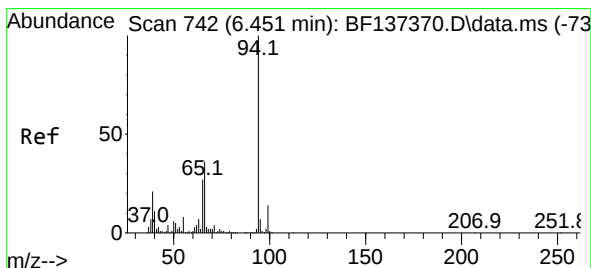
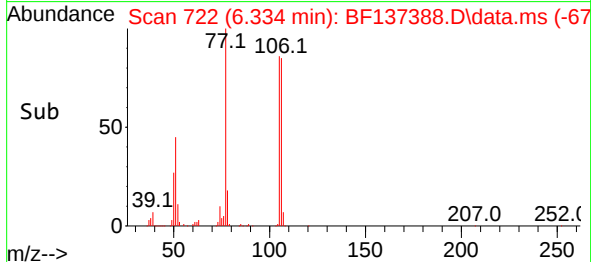
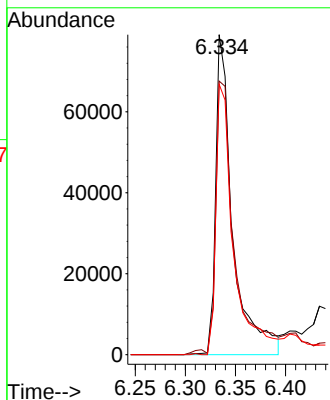
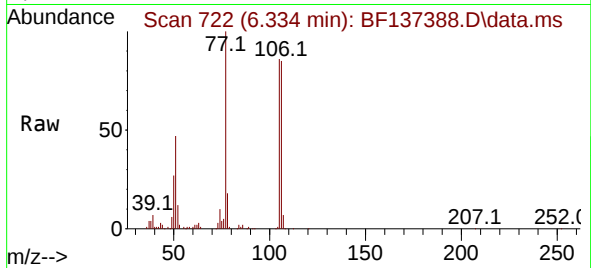




#9
Benzaldehyde
Concen: 9.617 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

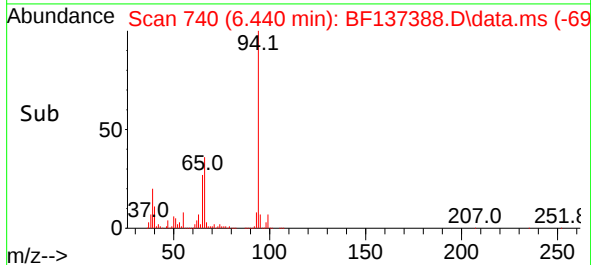
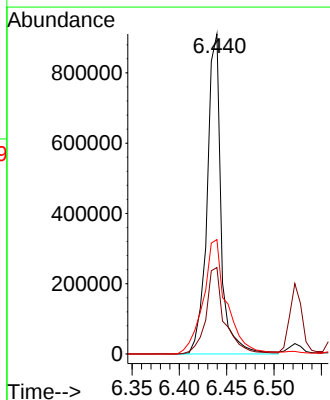
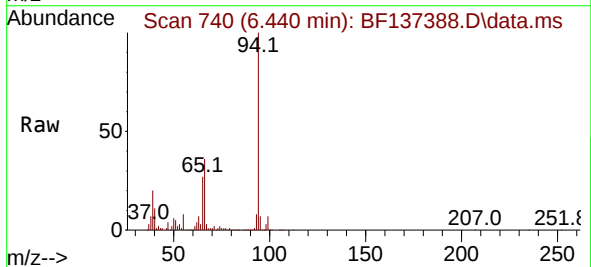
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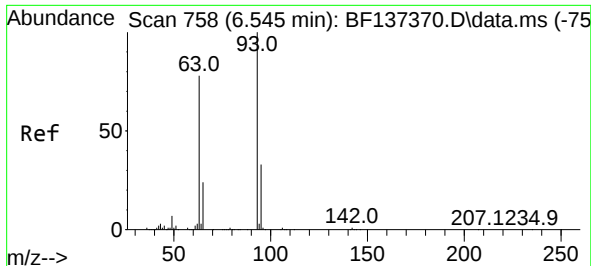
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Ion Ratio Lower Upper
77 100
105 85.5 74.1 114.1
106 84.5 70.2 110.2



#10
Phenol
Concen: 42.579 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion: 94 Resp: 935214
Ion Ratio Lower Upper
94 100
65 27.0 7.4 47.4
66 35.8 15.6 55.6

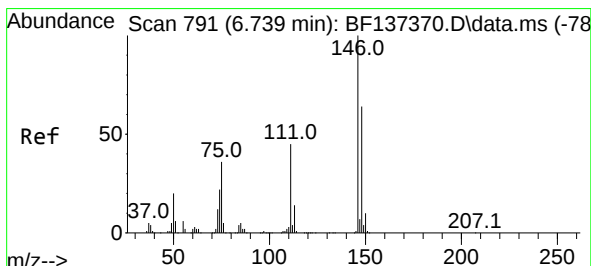
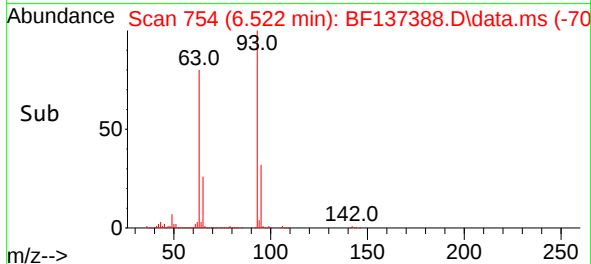
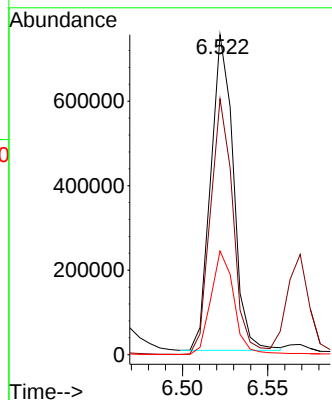
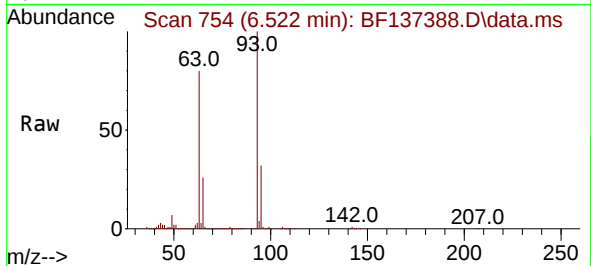




#11
bis(2-Chloroethyl)ether
Concen: 43.282 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.023 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

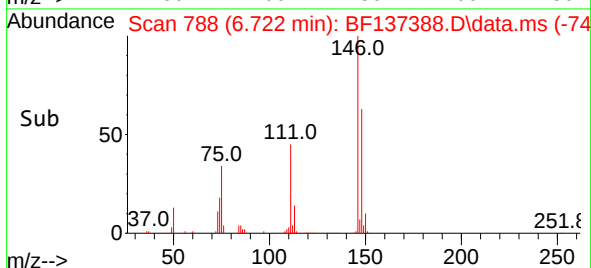
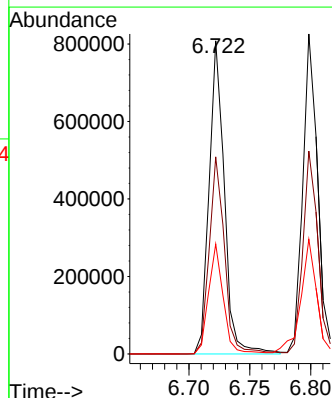
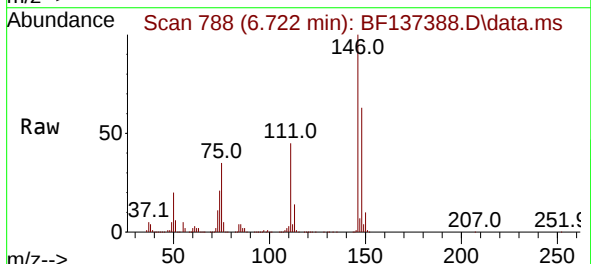
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

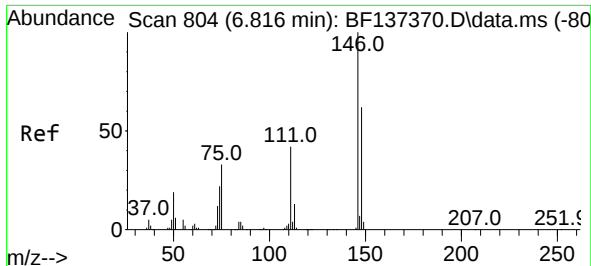
Tgt Ion: 93 Resp: 690770
Ion Ratio Lower Upper
93 100
63 79.9 56.1 96.1
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.712 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion: 146 Resp: 702598
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 35.1 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 45.143 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.018 min

Lab File: BF137388.D

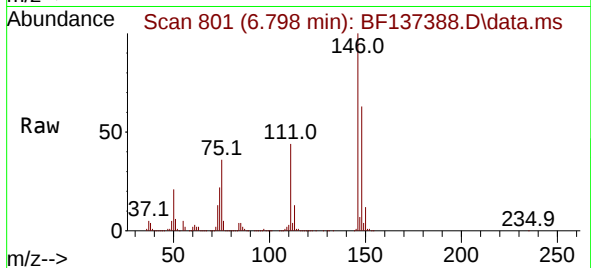
Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



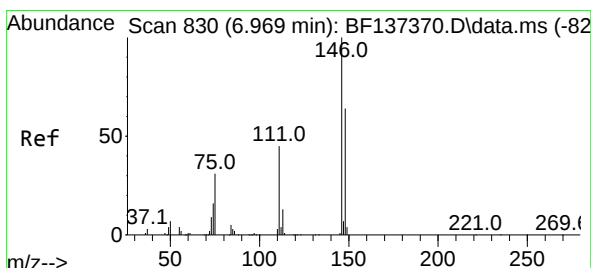
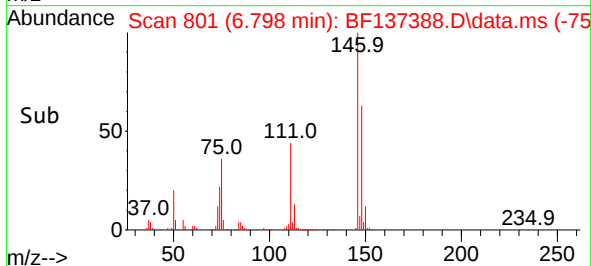
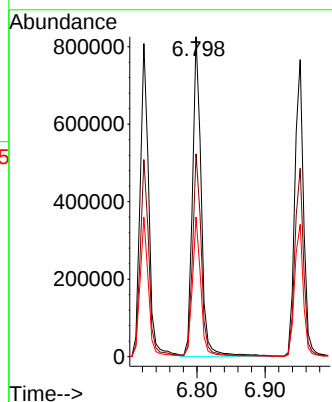
Tgt Ion:146 Resp: 730347

Ion Ratio Lower Upper

146 100

148 63.4 49.9 74.9

111 43.7 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 45.545 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

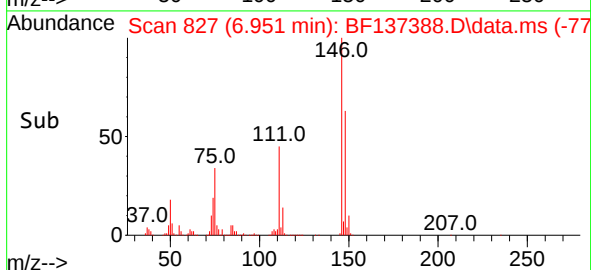
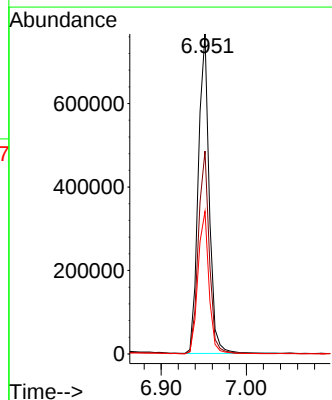
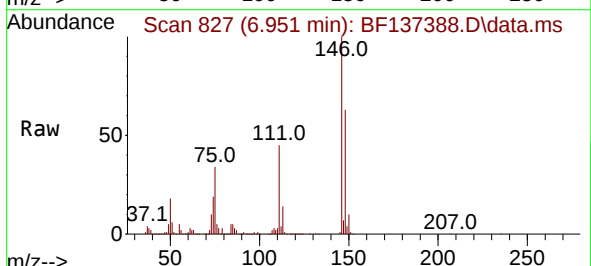
Tgt Ion:146 Resp: 681578

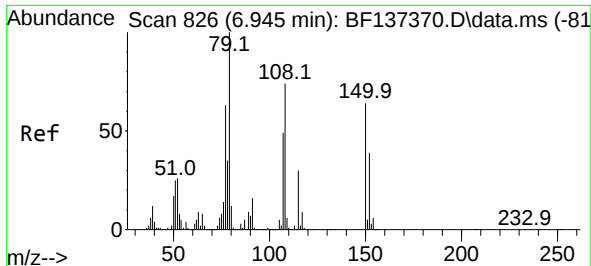
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

111 44.5 36.6 54.8

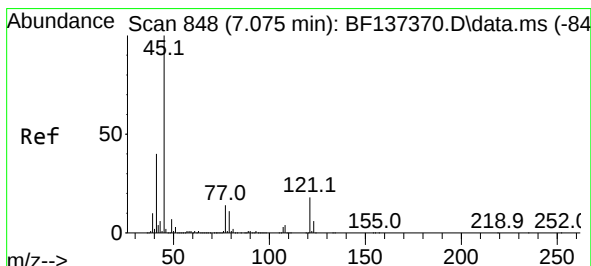
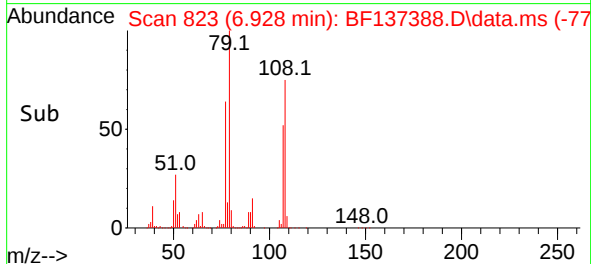
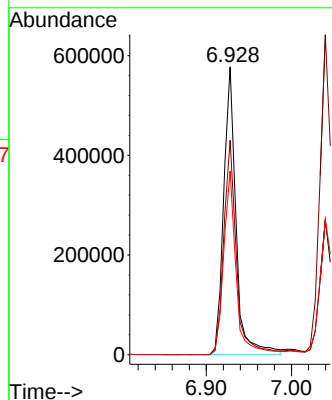
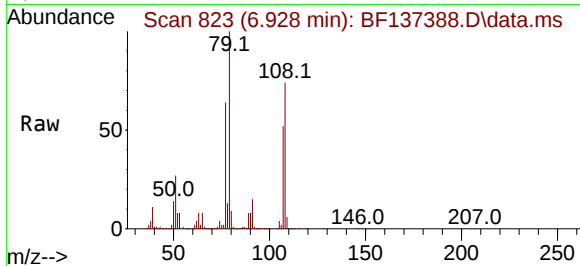




#15
Benzyl Alcohol
Concen: 48.828 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

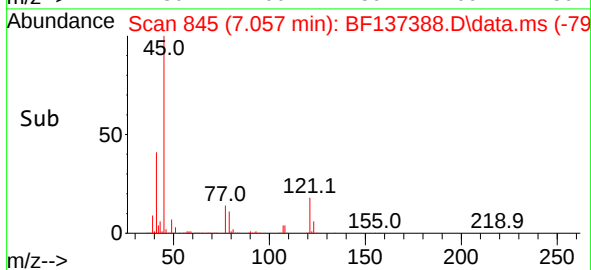
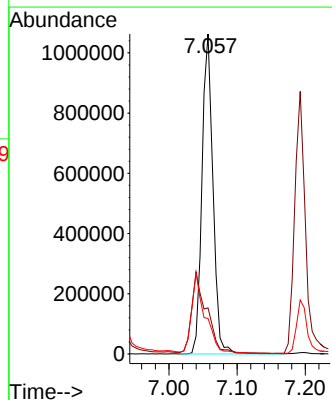
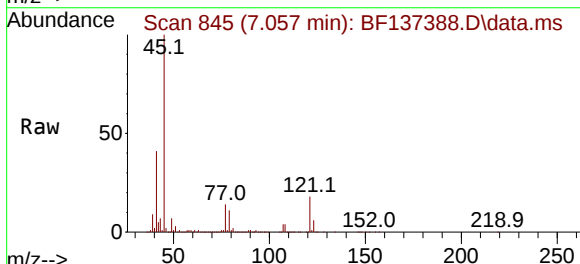
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

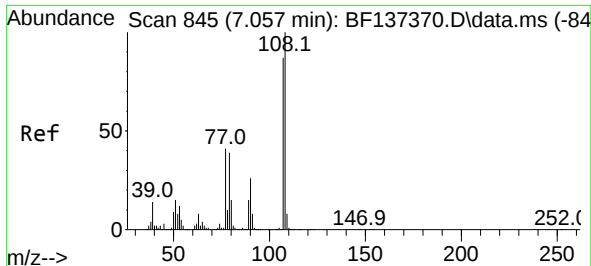
Tgt Ion: 79 Resp: 584121
Ion Ratio Lower Upper
79 100
108 74.5 59.5 89.3
77 63.8 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.857 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

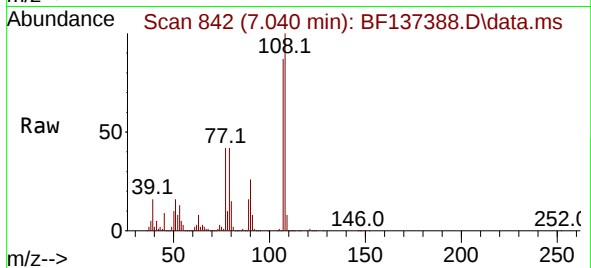
Tgt Ion: 45 Resp: 1189941
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 11.1 0.0 31.6



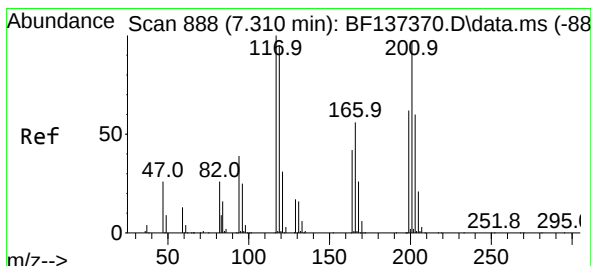
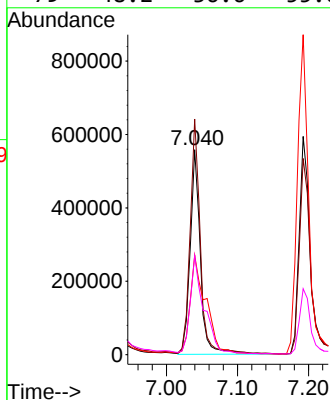
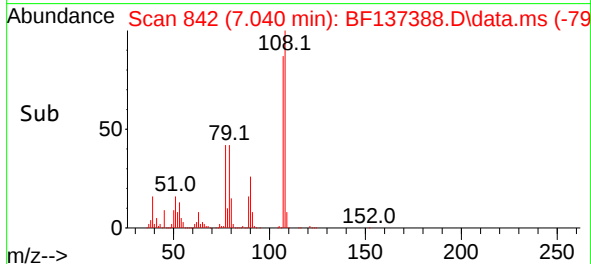


#17
2-Methylphenol
Concen: 40.499 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

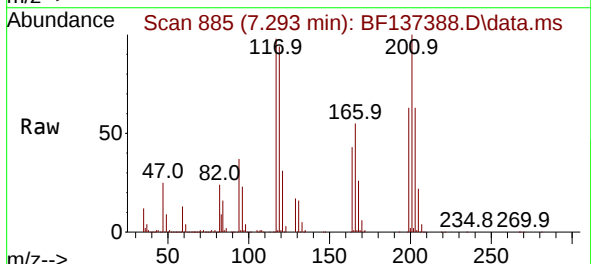
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS



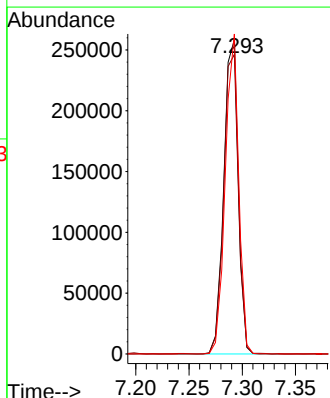
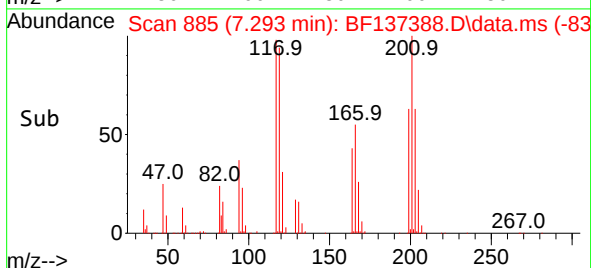
Tgt Ion:	107	Resp:	560710
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.2	138.4
77	48.6	38.1	57.1
79	48.2	36.6	55.0

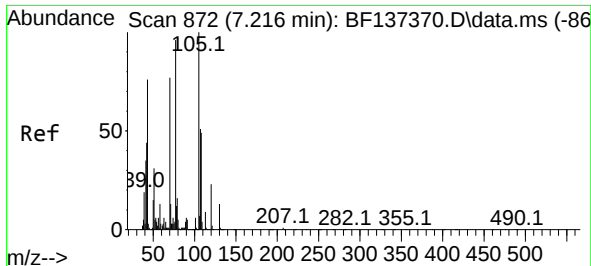


#18
Hexachloroethane
Concen: 43.681 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35



Tgt Ion:	117	Resp:	243518
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.4
201	101.8	77.6	116.4

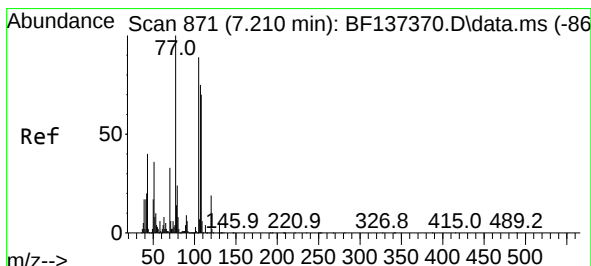
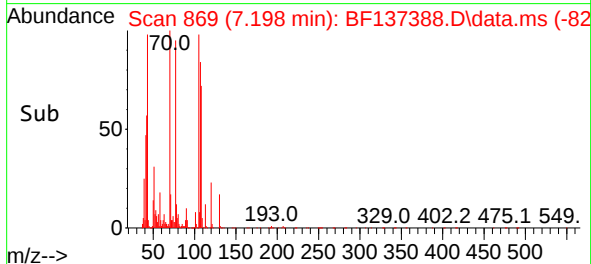
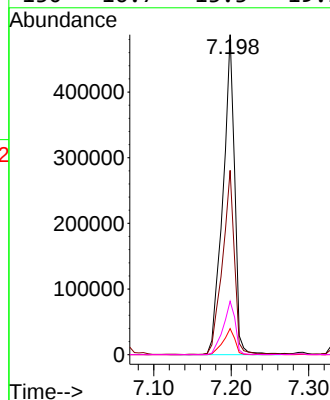
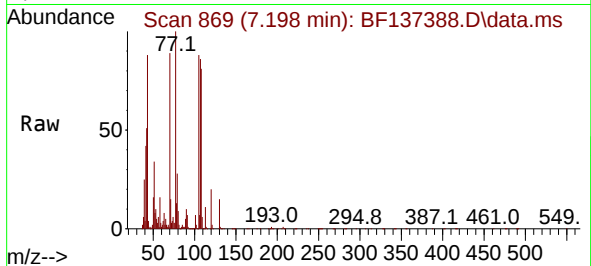




#19
n-Nitroso-di-n-propylamine
Concen: 41.713 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

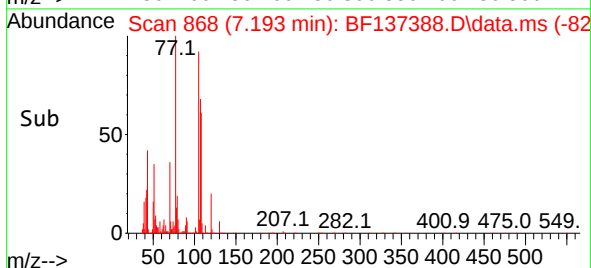
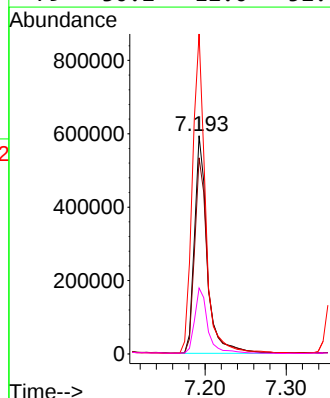
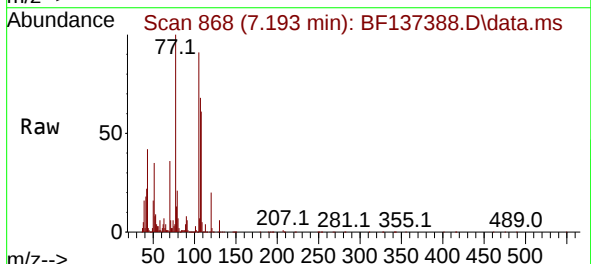
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

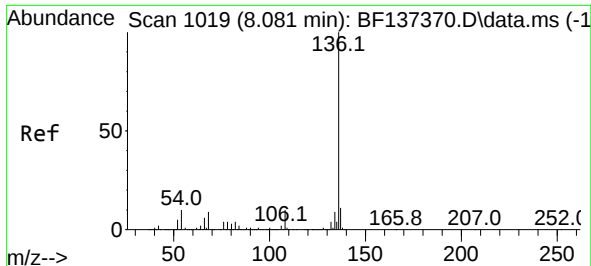
Tgt Ion:	70	Resp:	515861
Ion	Ratio	Lower	Upper
70	100		
42	57.6	45.3	67.9
101	8.1	6.5	9.7
130	16.7	13.3	19.9



#20
3+4-Methylphenols
Concen: 41.206 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:	107	Resp:	650245
Ion	Ratio	Lower	Upper
107	100		
108	89.8	73.1	113.1
77	146.6	113.6	153.6
79	30.2	12.0	52.0

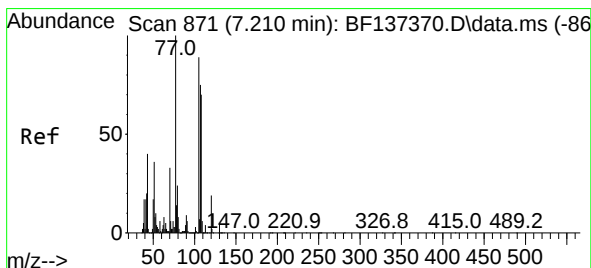
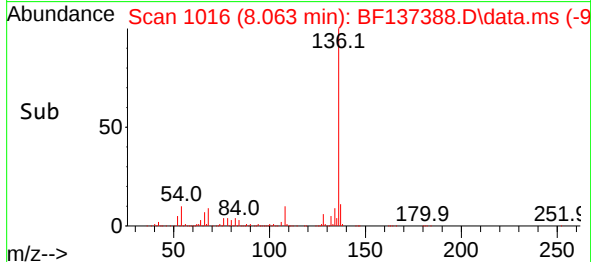
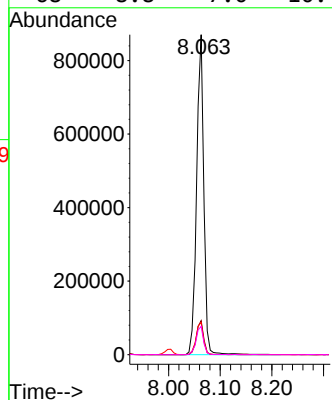
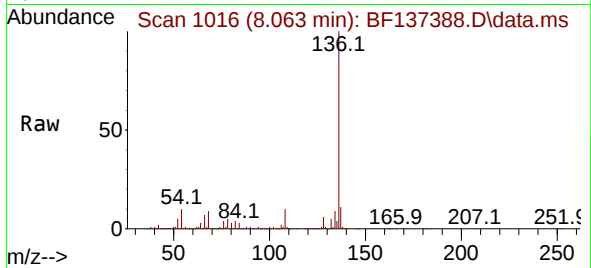




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

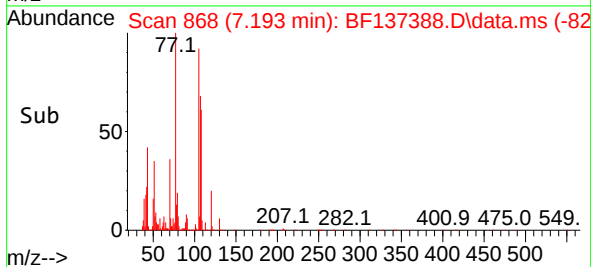
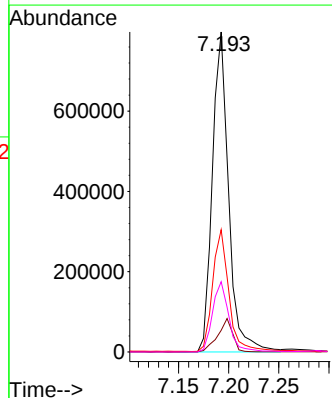
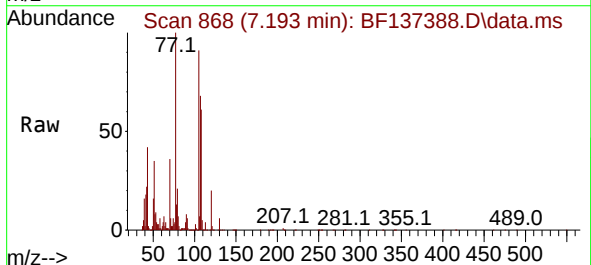
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

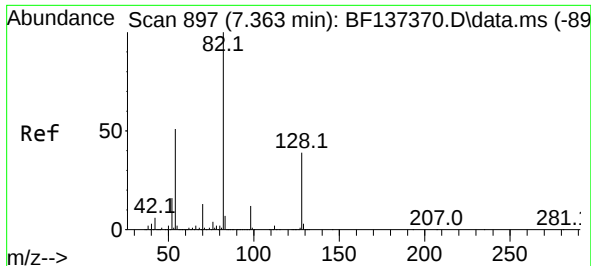
Tgt Ion:136	Resp: 843028
Ion Ratio	Lower Upper
136 100	
137 10.6	9.0 13.4
54 10.1	7.8 11.6
68 8.8	7.0 10.4



#22
Acetophenone
Concen: 44.034 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt	Ion:105	Resp:	900171
Ion	Ratio	Lower	Upper
105	100		
71	6.7	5.0	7.6
51	38.2	32.2	48.4
120	21.9	17.0	25.4





#23

Nitrobenzene-d5

Concen: 69.305 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF137388.D

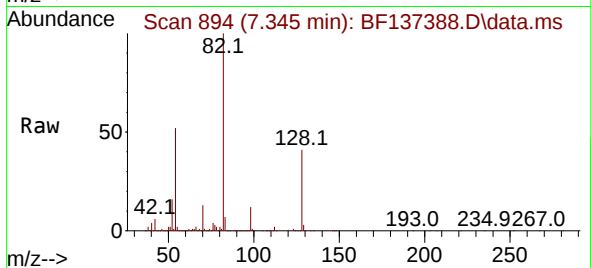
Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



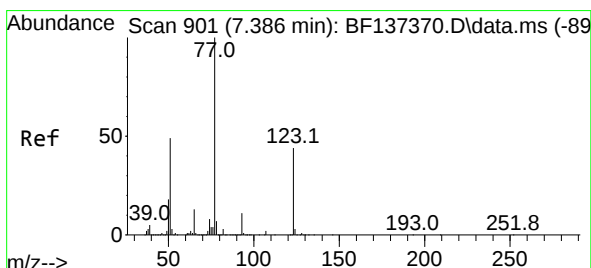
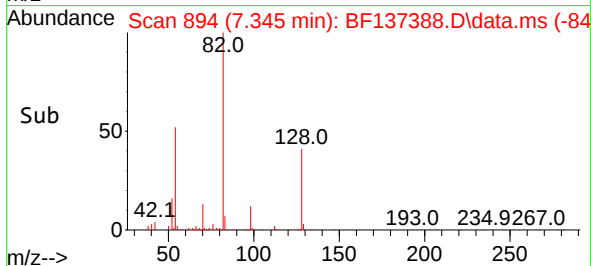
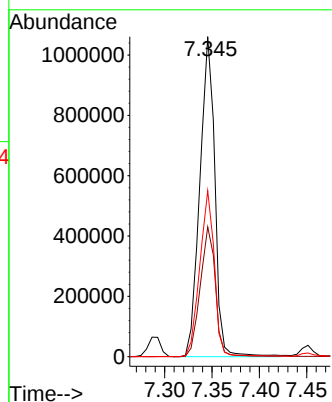
Tgt Ion: 82 Resp: 1170290

Ion Ratio Lower Upper

82 100

128 40.5 30.8 46.2

54 51.9 40.8 61.2



#24

Nitrobenzene

Concen: 44.643 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.023 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

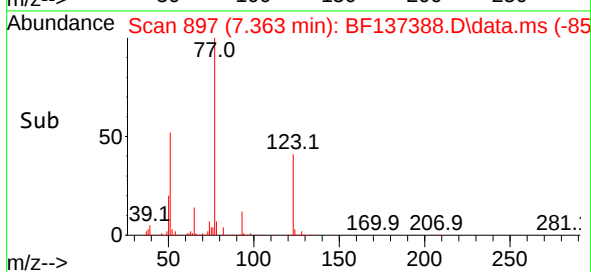
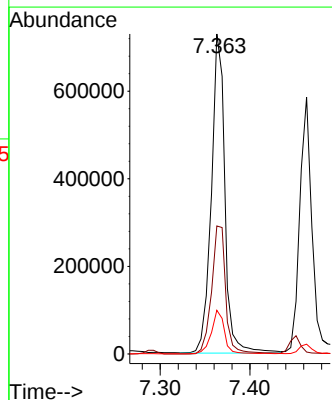
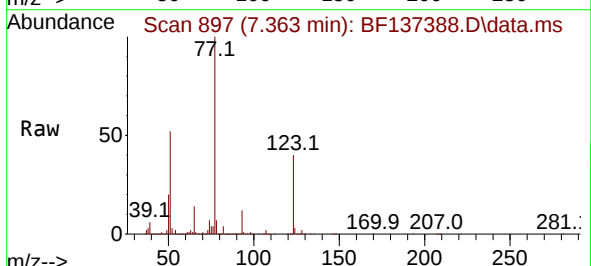
Tgt Ion: 77 Resp: 765984

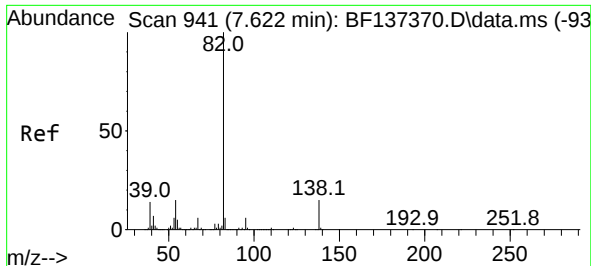
Ion Ratio Lower Upper

77 100

123 40.0 35.4 53.0

65 13.6 10.3 15.5

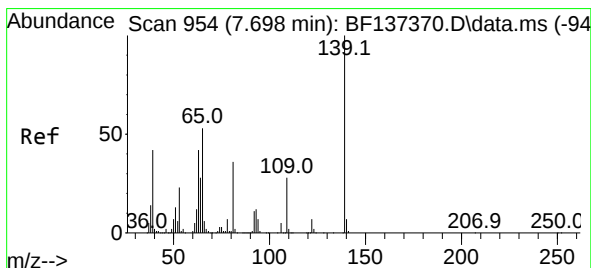
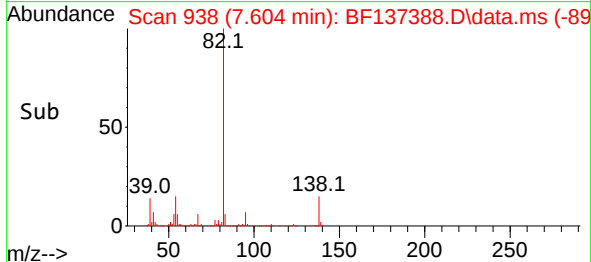
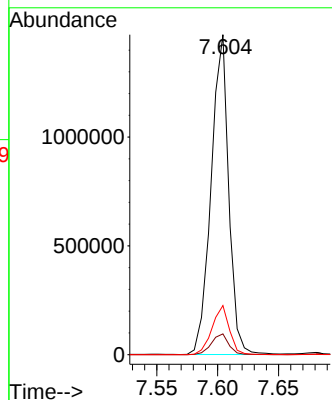
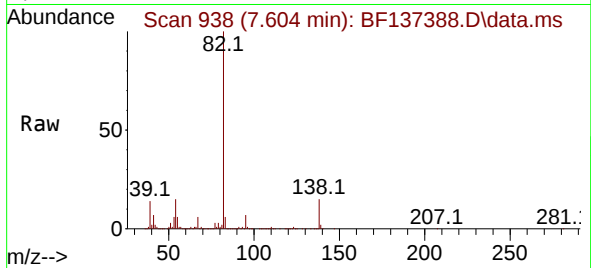




#25
Isophorone
Concen: 42.340 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

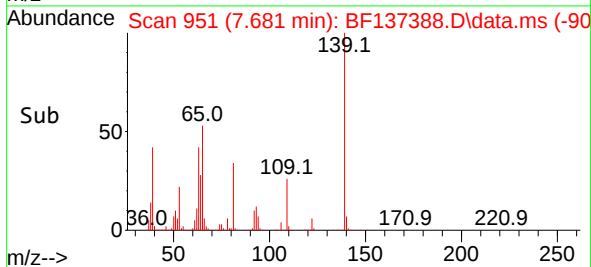
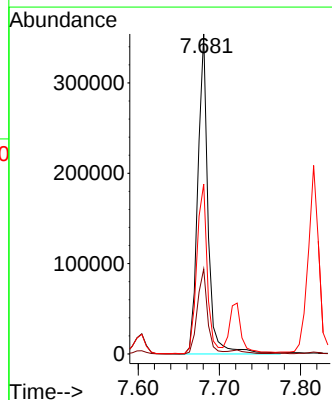
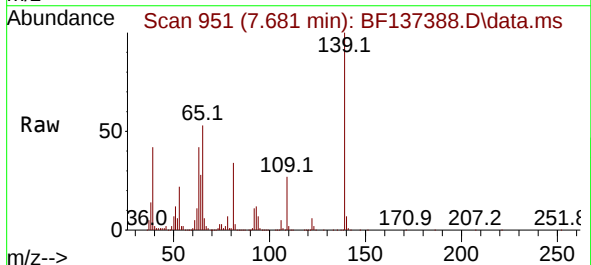
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

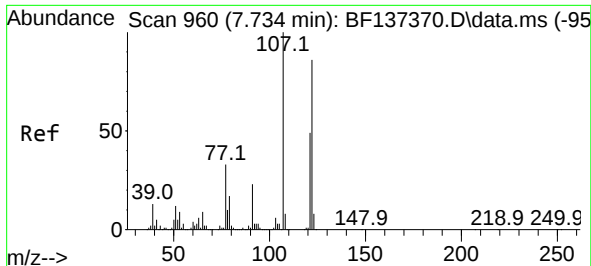
Tgt Ion: 82 Resp: 1478539
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.3 12.2 18.4



#26
2-Nitrophenol
Concen: 47.769 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:139 Resp: 313097
Ion Ratio Lower Upper
139 100
109 26.5 22.5 33.7
65 53.1 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 36.965 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137388.D

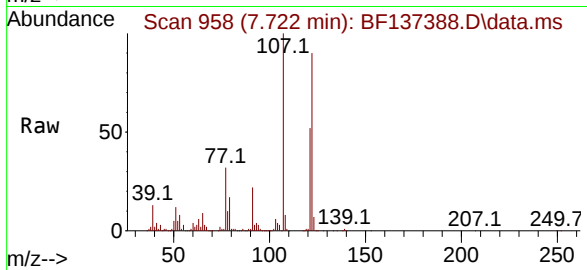
Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



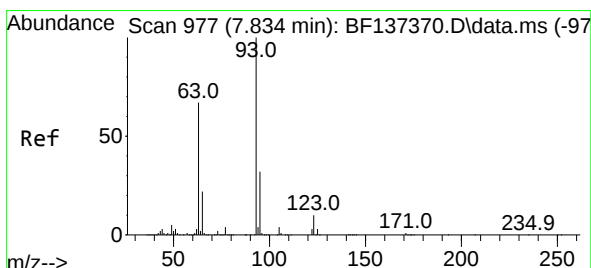
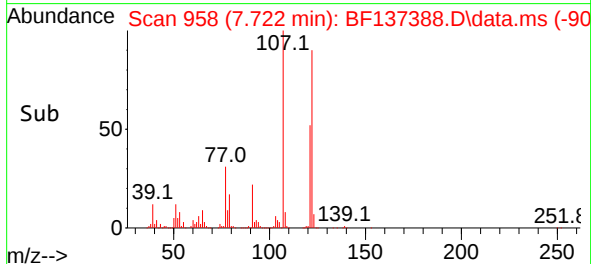
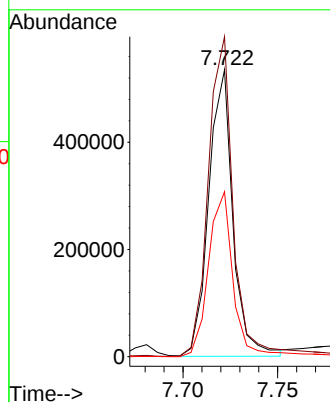
Tgt Ion:122 Resp: 474724

Ion Ratio Lower Upper

122 100

107 111.6 92.7 139.1

121 57.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.748 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.017 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

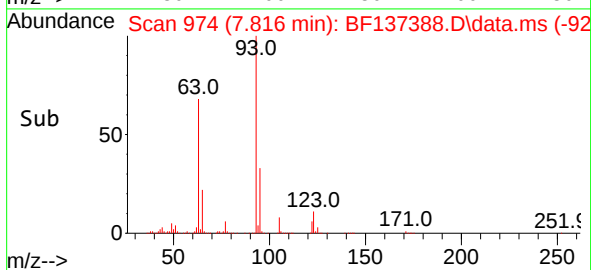
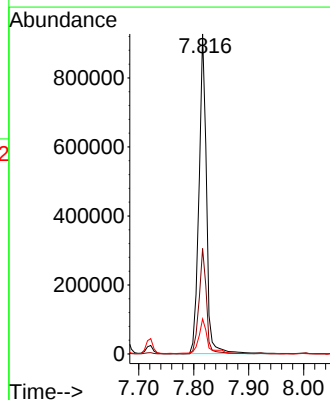
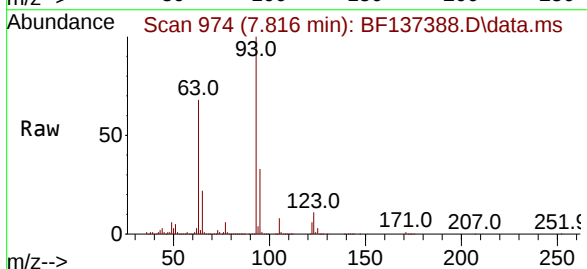
Tgt Ion: 93 Resp: 880544

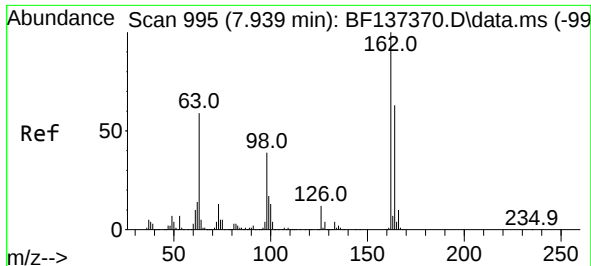
Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 10.9 8.2 12.4

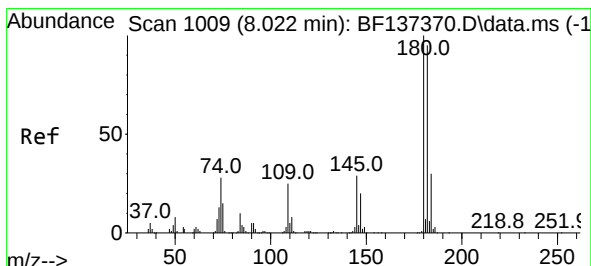
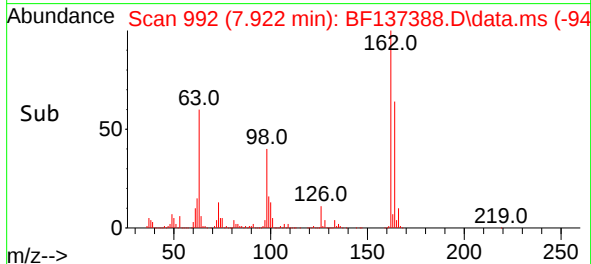
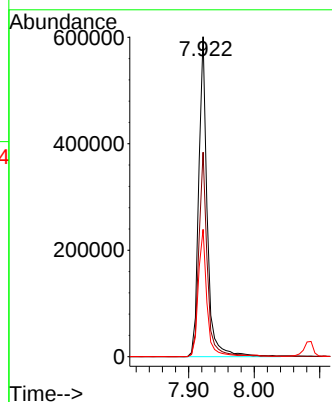
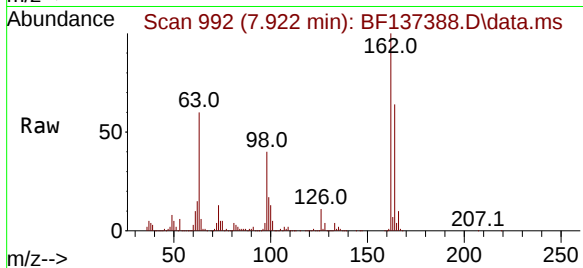




#29
2,4-Dichlorophenol
Concen: 45.235 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

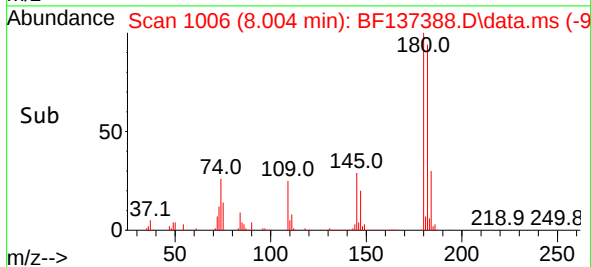
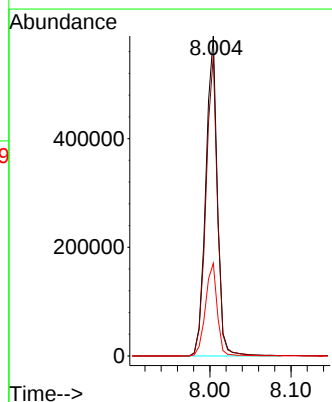
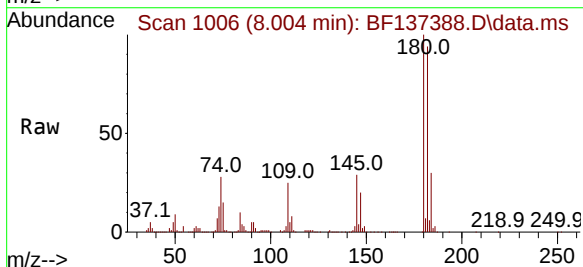
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

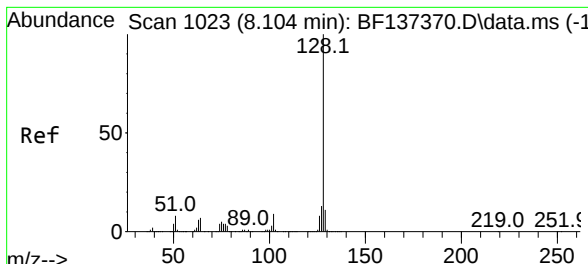
Tgt Ion:162 Resp: 544489
Ion Ratio Lower Upper
162 100
164 63.9 43.1 83.1
98 39.8 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 45.091 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:180 Resp: 582568
Ion Ratio Lower Upper
180 100
182 93.9 75.8 113.6
145 29.0 23.4 35.0



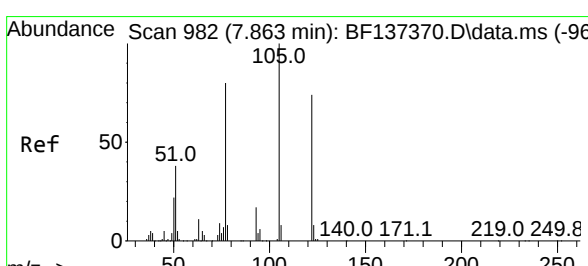
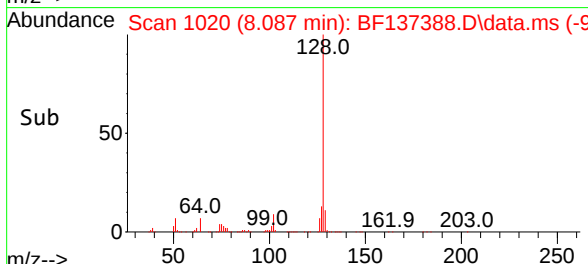
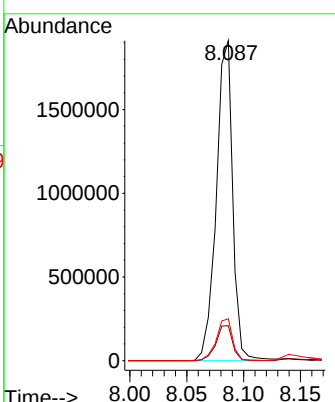
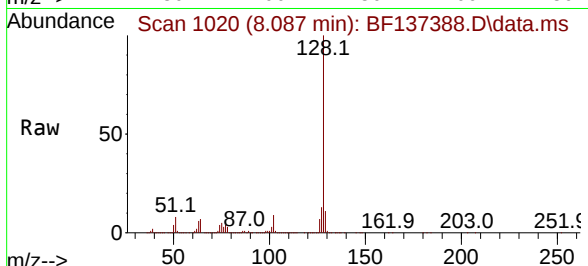


#31
Naphthalene
Concen: 42.503 ng
RT: 8.087 min Scan# 10
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion:128 Resp: 1922892

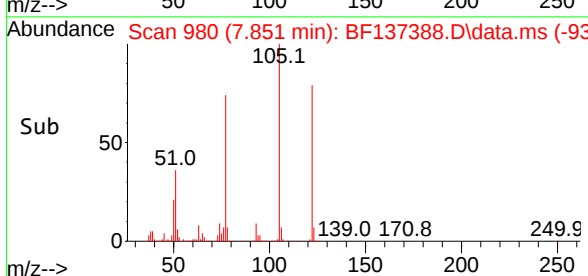
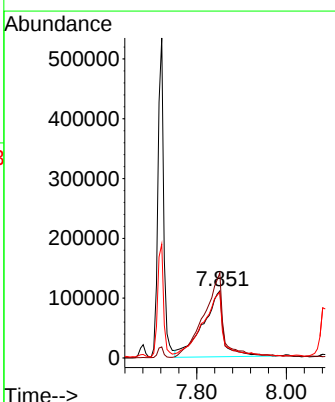
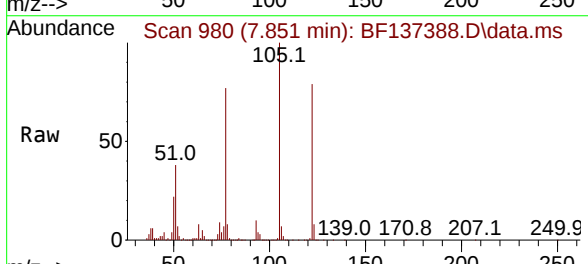
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.1	10.6	16.0

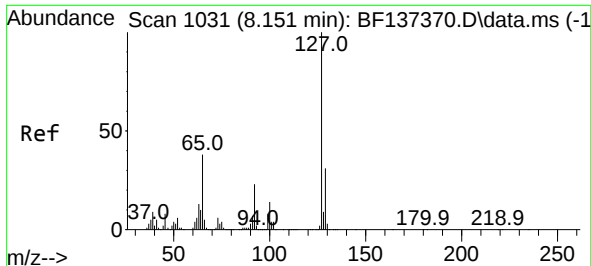


#32
Benzoic acid
Concen: 45.727 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:122 Resp: 356317

Ion	Ratio	Lower	Upper
122	100		
105	126.9	101.1	141.1
77	98.3	82.8	122.8

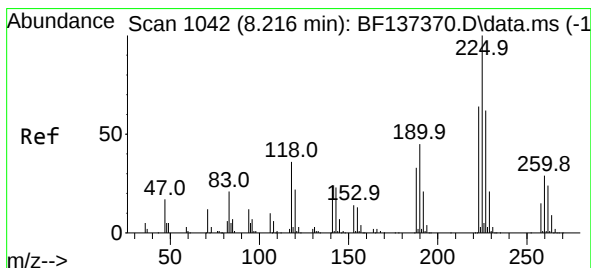
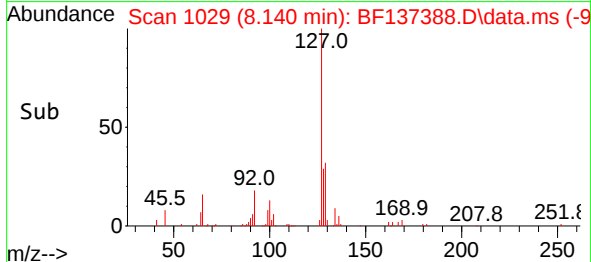
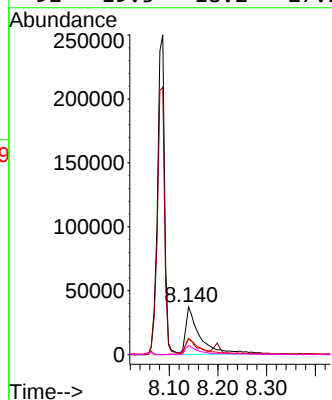
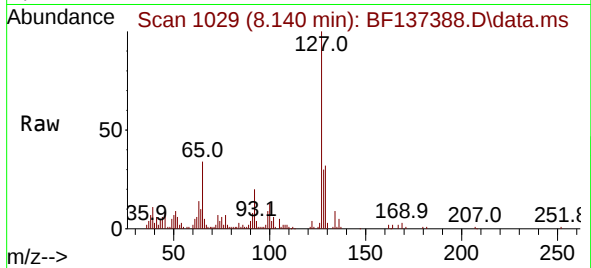




#33
4-Chloroaniline
Concen: 4.444 ng
RT: 8.140 min Scan# 1031
Delta R.T. -0.011 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

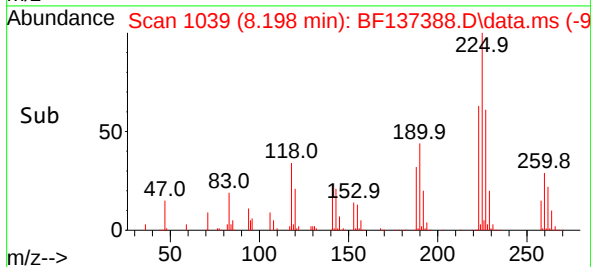
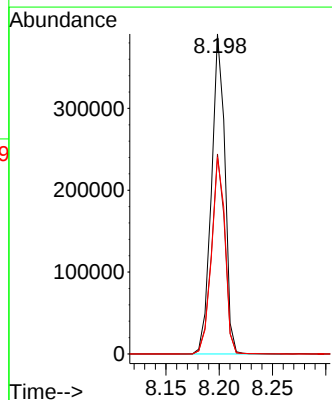
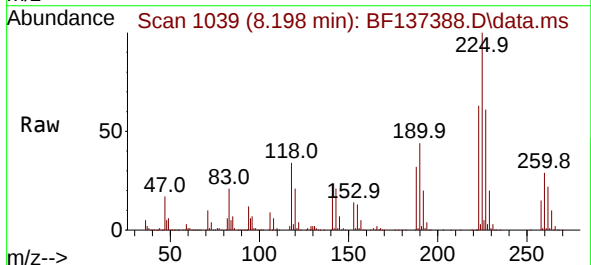
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

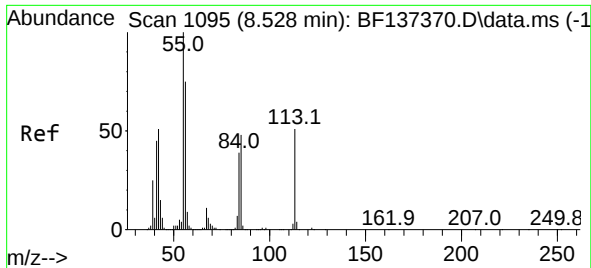
Tgt Ion:	127	Resp:	76471
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.0	37.6
65	34.5	30.4	45.6
92	19.5	18.2	27.2



#34
Hexachlorobutadiene
Concen: 44.608 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:	225	Resp:	342373
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.0
227	61.5	49.8	74.6

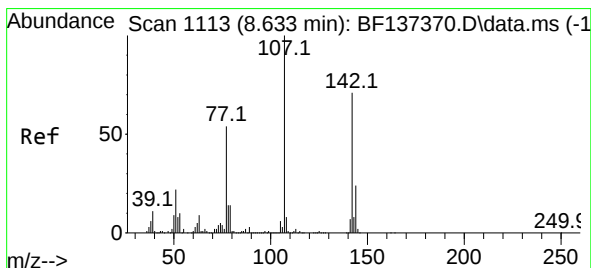
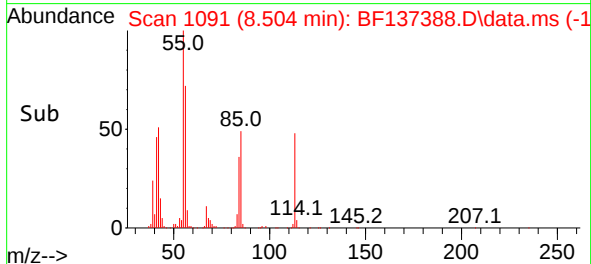
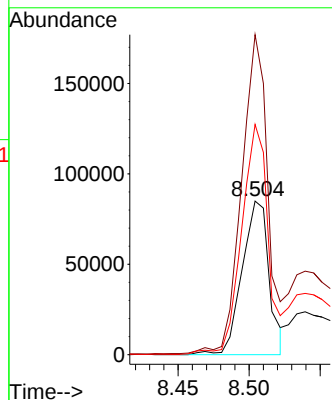
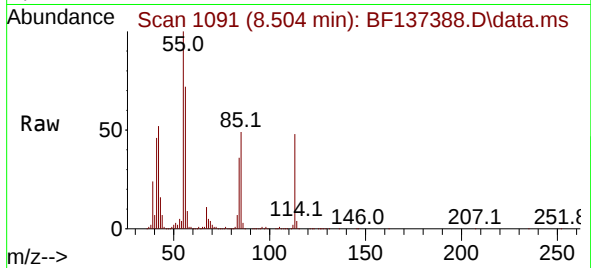




#35
Caprolactam
Concen: 30.084 ng
RT: 8.504 min Scan# 1109
Delta R.T. -0.023 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

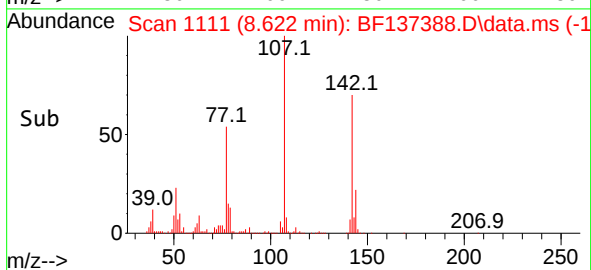
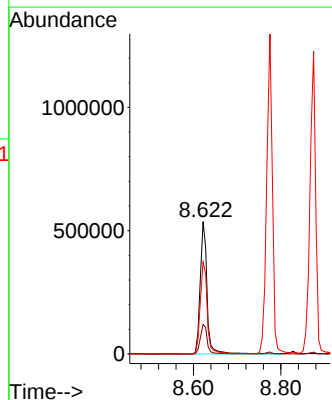
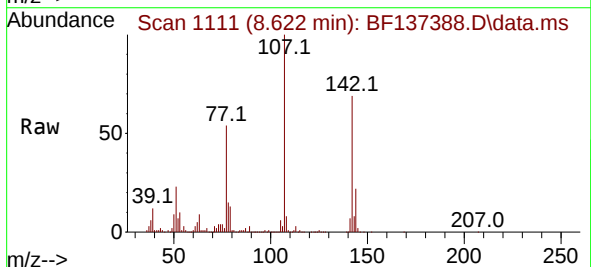
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

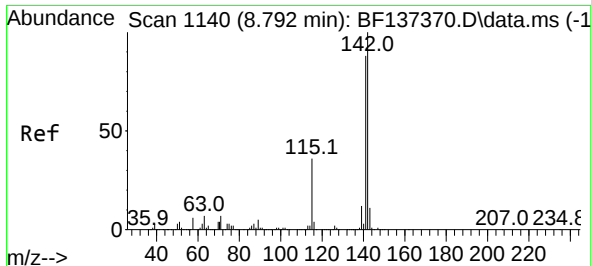
Tgt Ion:113 Resp: 111983
Ion Ratio Lower Upper
113 100
55 208.3 176.3 216.3
56 149.9 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 42.533 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.011 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:107 Resp: 580407
Ion Ratio Lower Upper
107 100
144 22.2 18.9 28.3
142 69.5 56.6 85.0





#37

2-Methylnaphthalene

Concen: 39.932 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

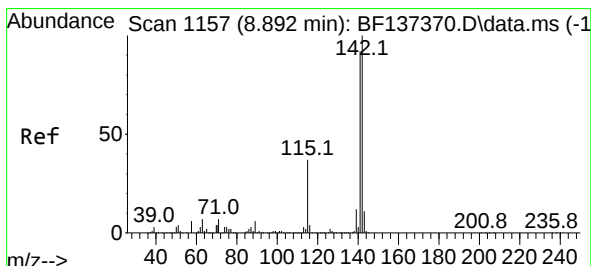
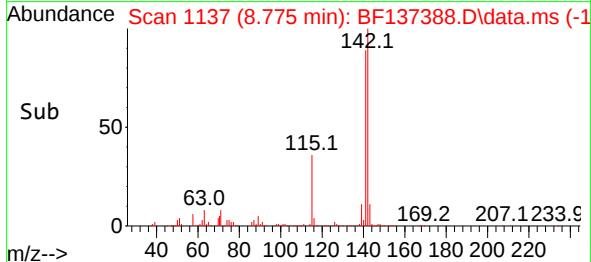
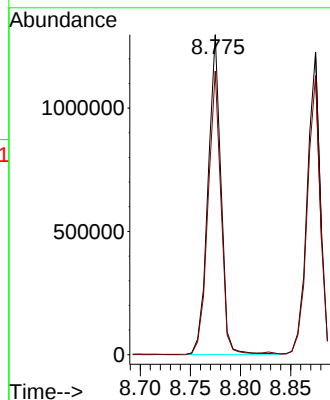
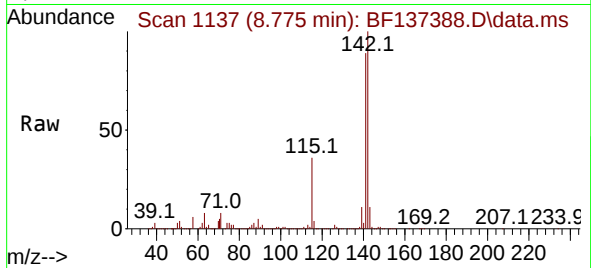
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion:142 Resp: 1164096

Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5



#38

1-Methylnaphthalene

Concen: 40.323 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137388.D

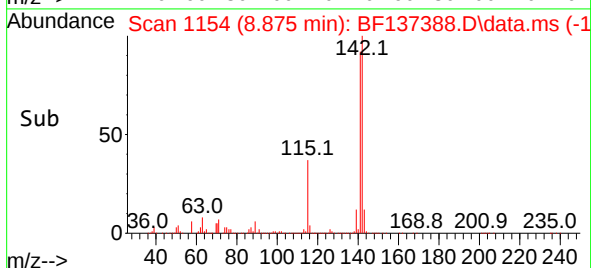
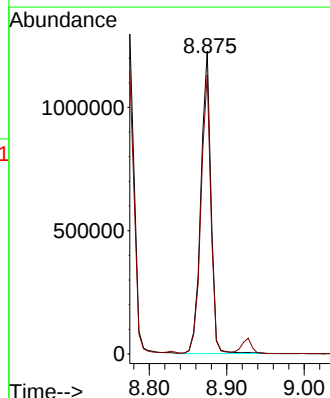
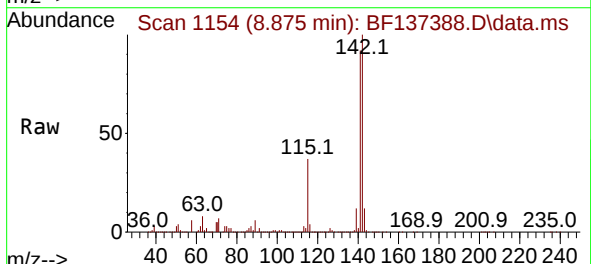
Acq: 26 Feb 2024 16:35

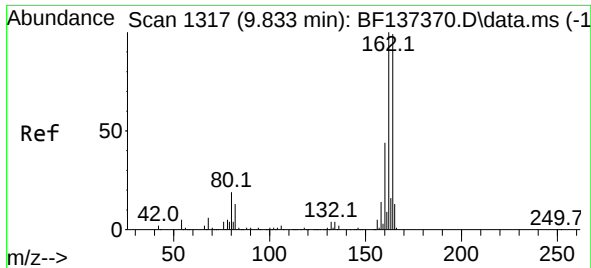
Tgt Ion:142 Resp: 1111395

Ion Ratio Lower Upper

142 100

141 92.2 73.2 109.8

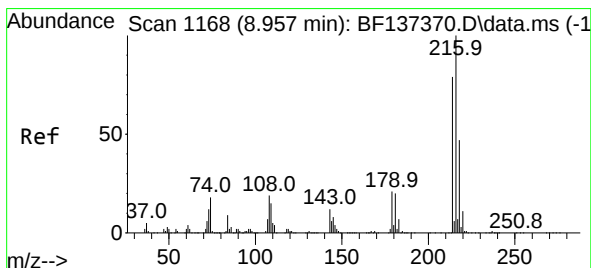
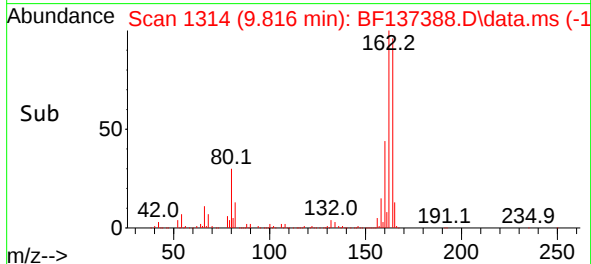
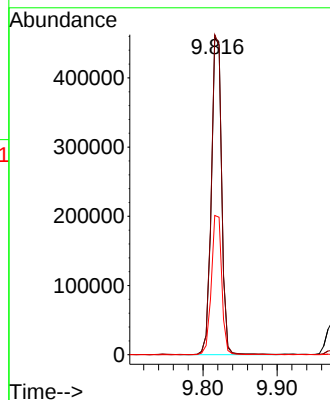
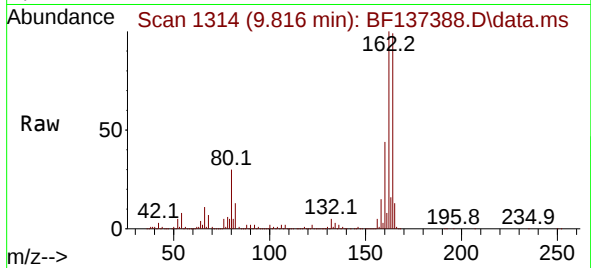




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

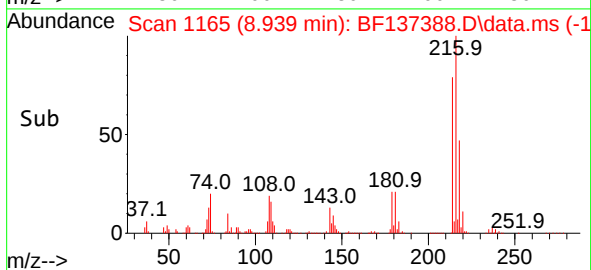
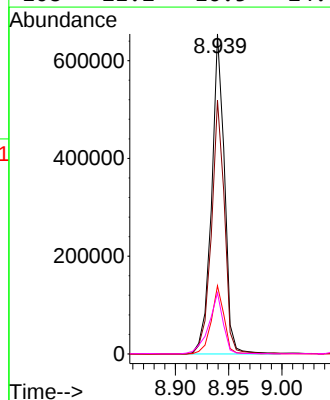
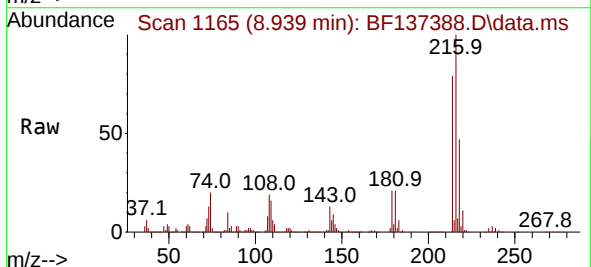
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

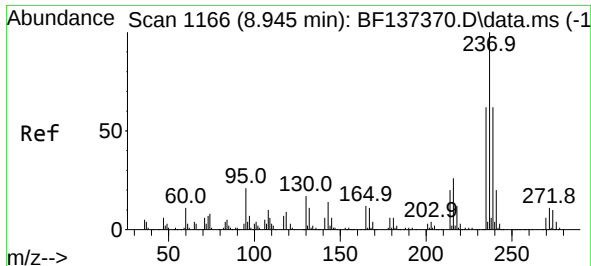
Tgt Ion:164 Resp: 441832
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 43.8 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.535 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

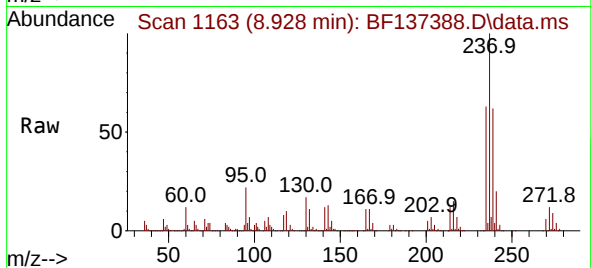
Tgt Ion:216 Resp: 554131
Ion Ratio Lower Upper
216 100
214 79.9 62.3 93.5
179 21.0 16.5 24.7
108 21.2 16.5 24.7



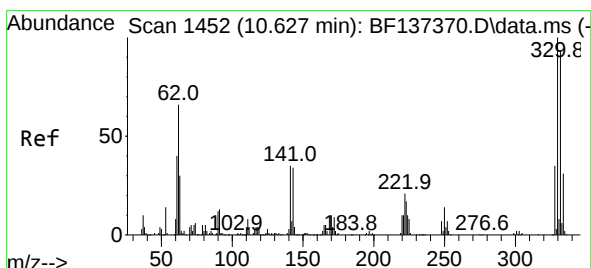
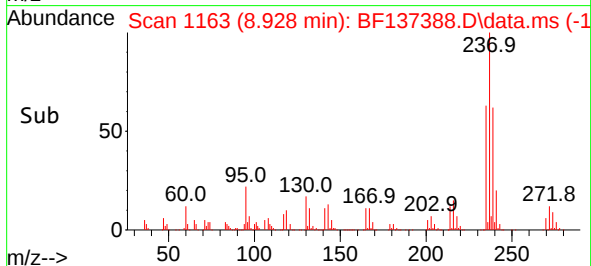
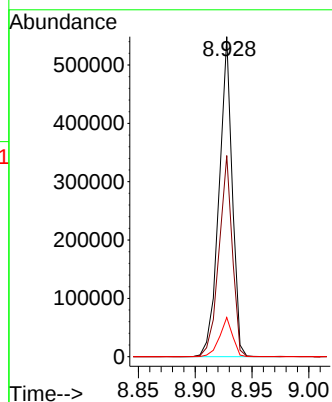


#41
Hexachlorocyclopentadiene
Concen: 80.567 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

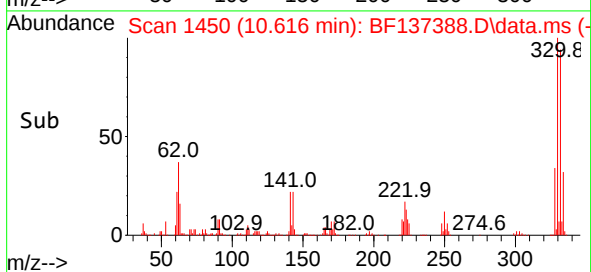
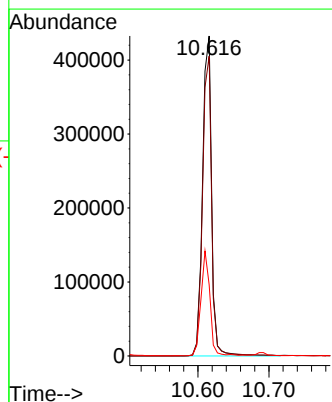
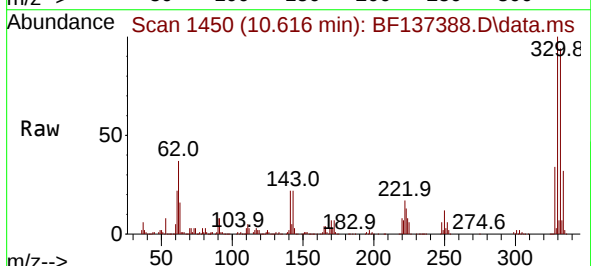


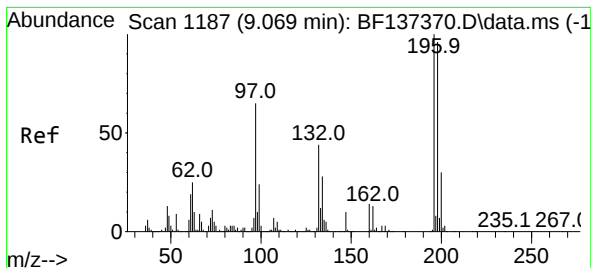
Tgt Ion:237 Resp: 444525
Ion Ratio Lower Upper
237 100
235 62.9 42.0 82.0
272 12.2 0.0 31.3



#42
2,4,6-Tribromophenol
Concen: 100.359 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:330 Resp: 386130
Ion Ratio Lower Upper
330 100
332 94.6 75.6 113.4
141 32.3 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 47.042 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF137388.D

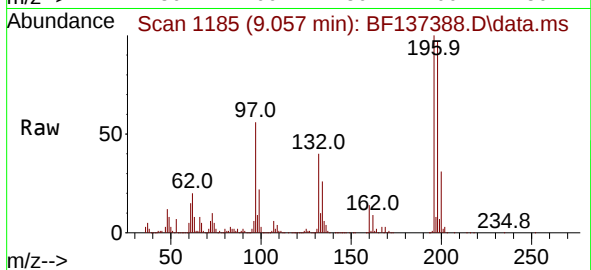
Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS



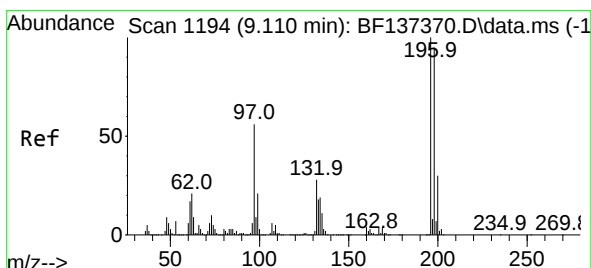
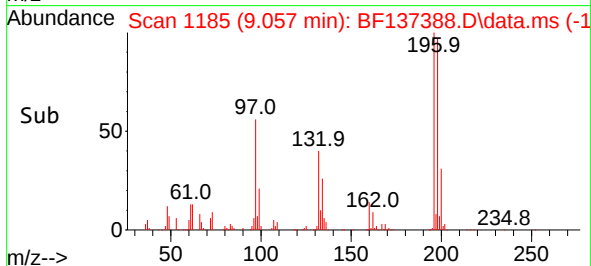
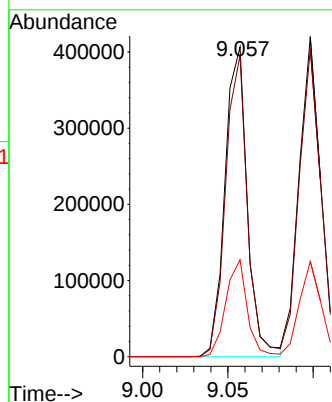
Tgt Ion:196 Resp: 371176

Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.4

200 31.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 42.799 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Tgt Ion:196 Resp: 387426

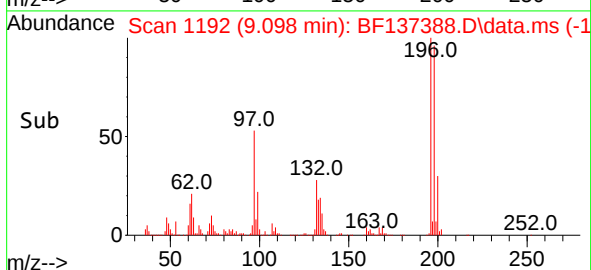
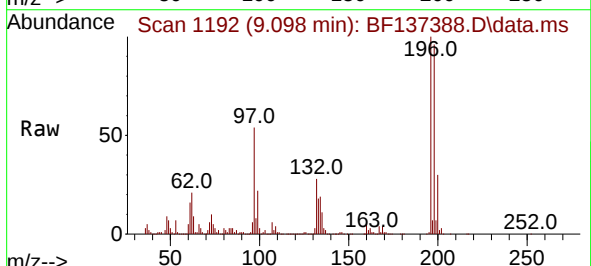
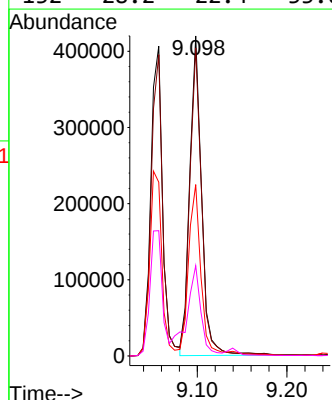
Ion Ratio Lower Upper

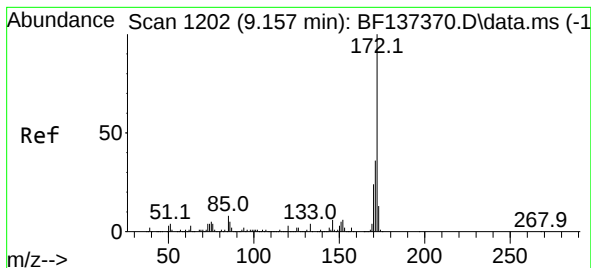
196 100

198 96.2 75.6 113.4

97 53.6 44.6 66.8

132 28.2 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 58.693 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

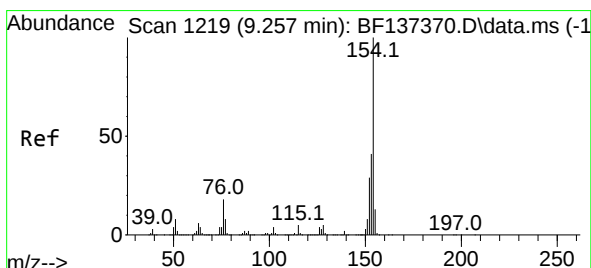
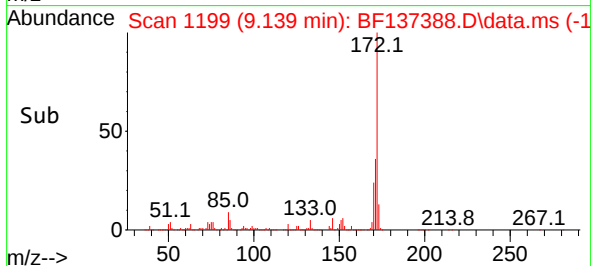
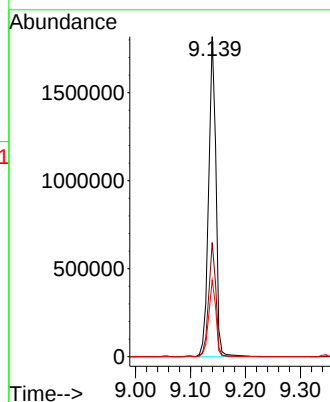
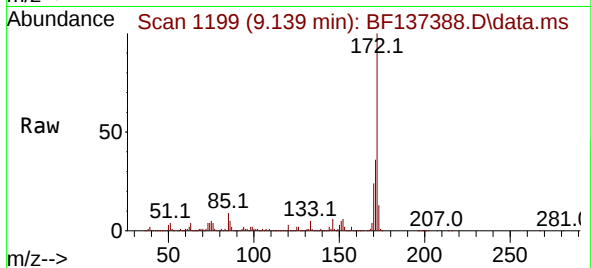
Tgt Ion:172 Resp: 1665705

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.9 19.5 29.3



#46

1,1'-Biphenyl

Concen: 44.497 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

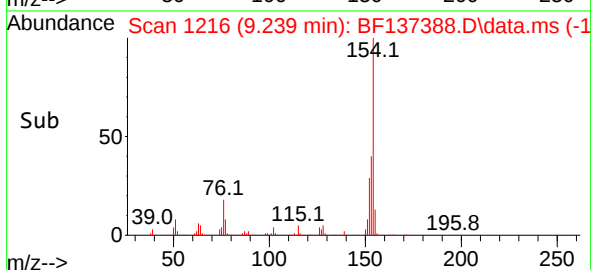
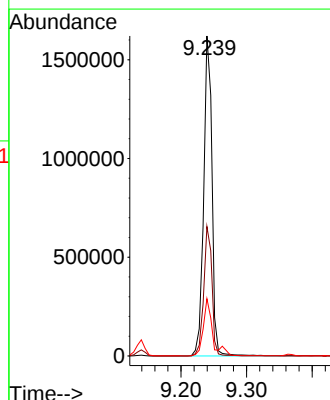
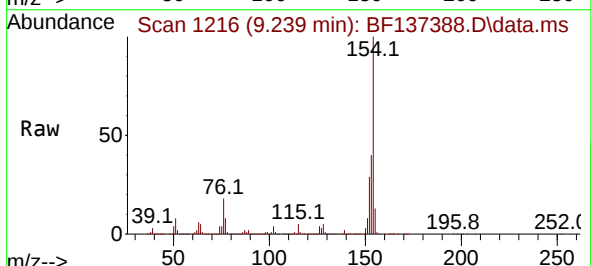
Tgt Ion:154 Resp: 1431930

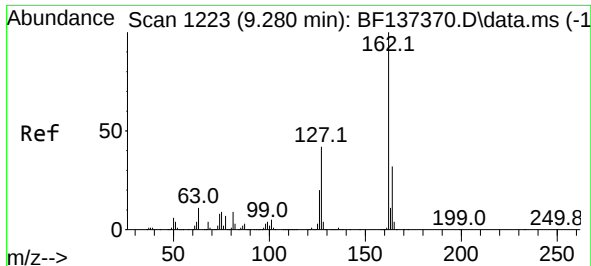
Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

76 17.9 0.0 37.9





#47

2-Chloronaphthalene

Concen: 45.719 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

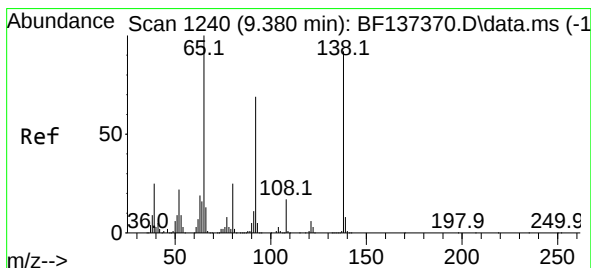
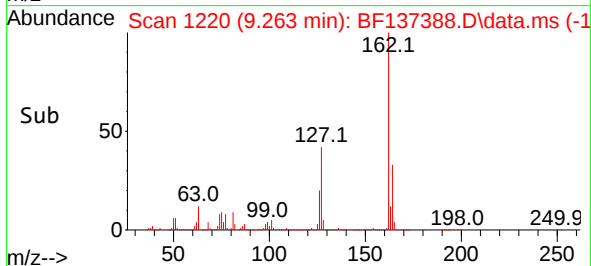
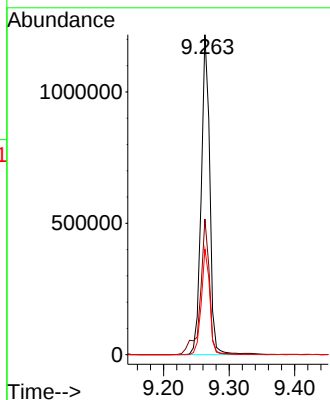
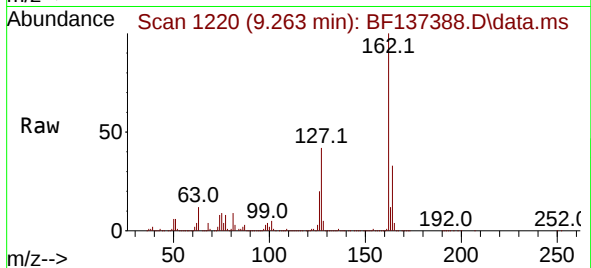
Tgt Ion:162 Resp: 1111085

Ion Ratio Lower Upper

162 100

127 42.4 33.6 50.4

164 33.0 25.9 38.9



#48

2-Nitroaniline

Concen: 42.981 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.017 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

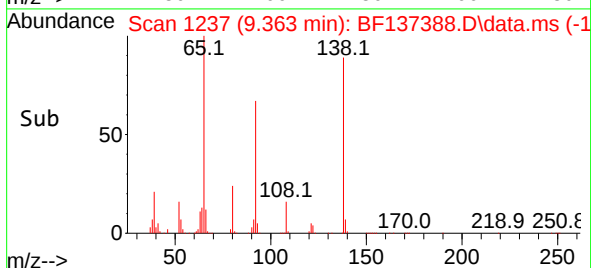
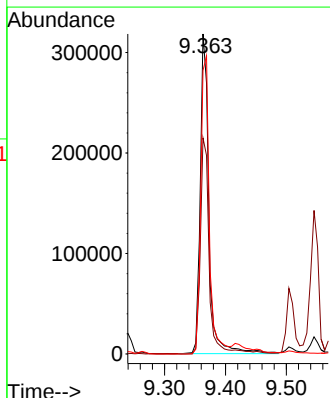
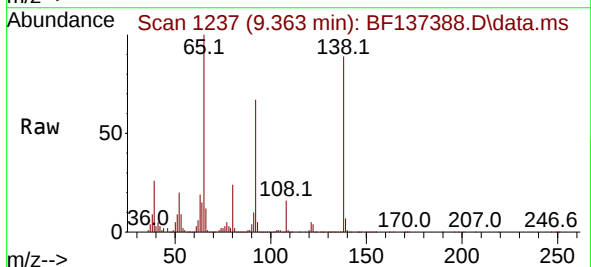
Tgt Ion: 65 Resp: 313650

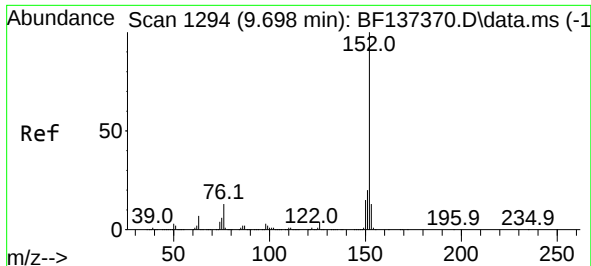
Ion Ratio Lower Upper

65 100

92 67.5 55.0 82.6

138 88.6 73.7 110.5





#49

Acenaphthylene

Concen: 44.681 ng

RT: 9.681 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

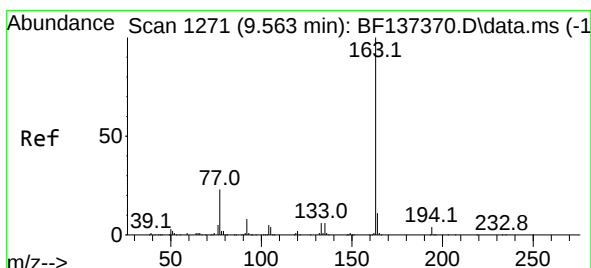
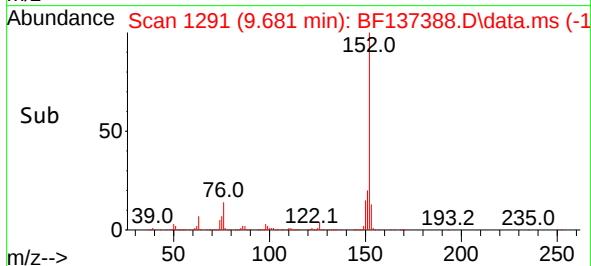
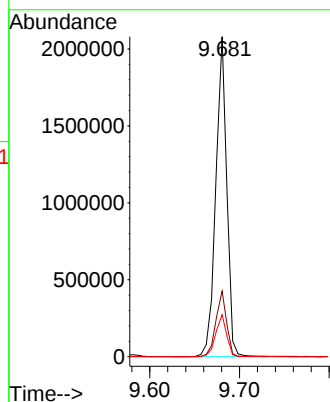
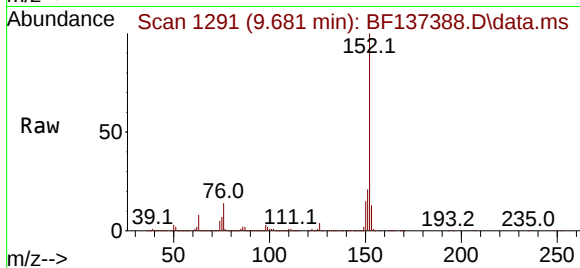
Tgt Ion:152 Resp: 1764195

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 42.552 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

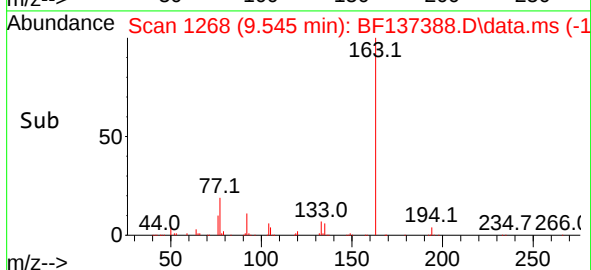
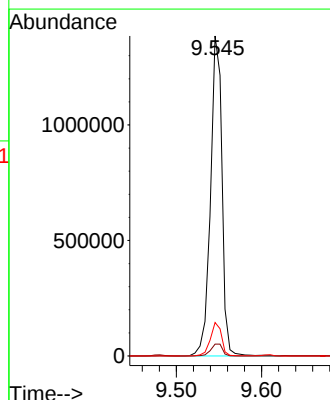
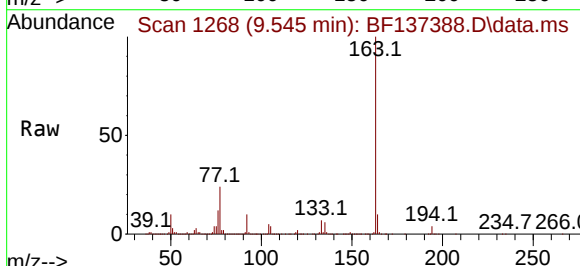
Tgt Ion:163 Resp: 1299131

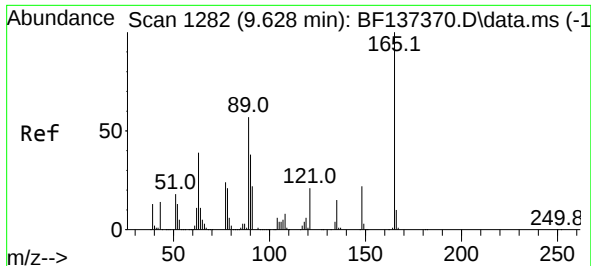
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.5 8.5 12.7

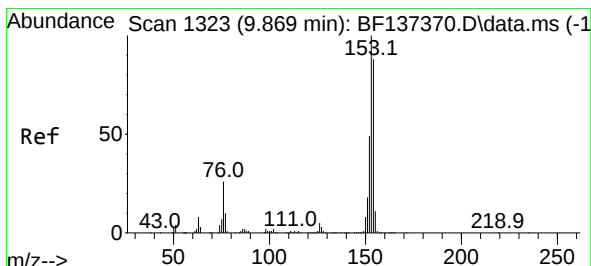
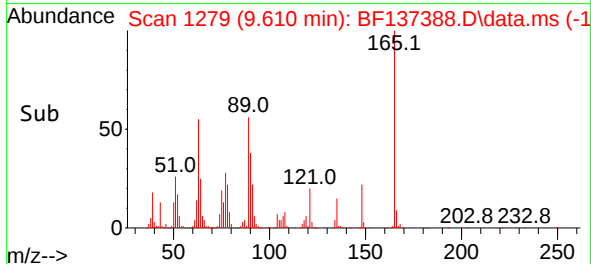
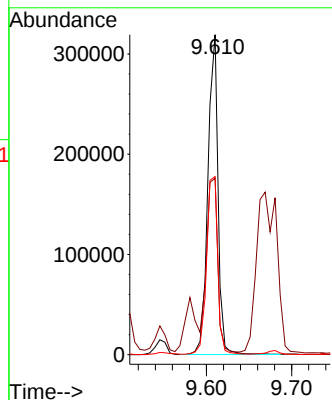
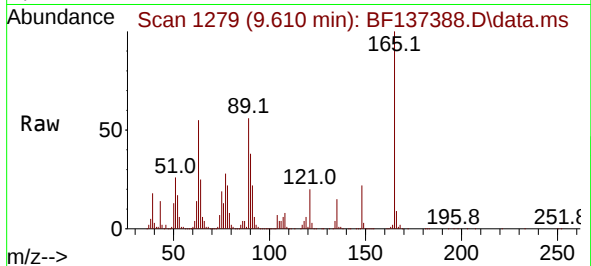




#51
2,6-Dinitrotoluene
Concen: 46.290 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

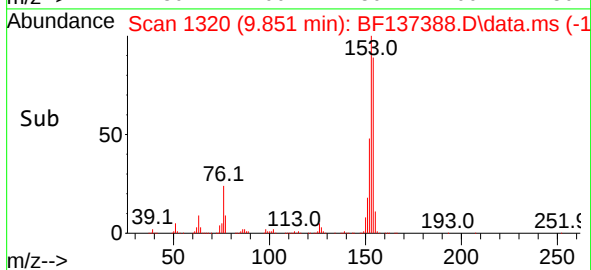
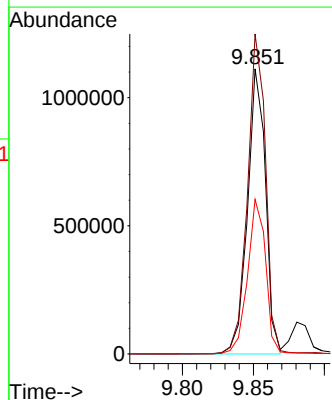
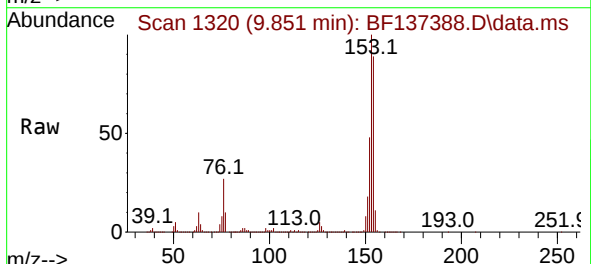
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

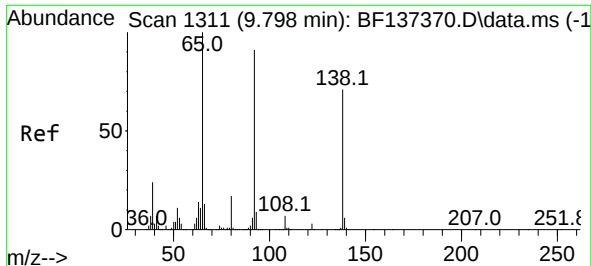
Tgt Ion:165 Resp: 262917
Ion Ratio Lower Upper
165 100
63 55.1 41.6 62.4
89 55.6 45.8 68.6



#52
Acenaphthene
Concen: 41.658 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:154 Resp: 981855
Ion Ratio Lower Upper
154 100
153 112.2 90.6 135.8
152 54.2 44.1 66.1

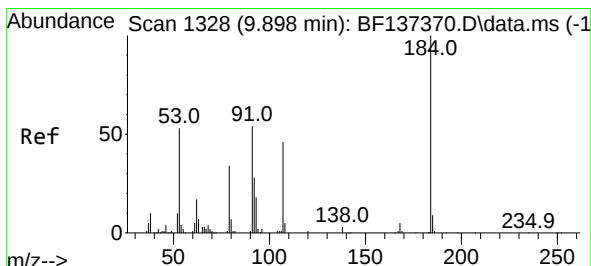
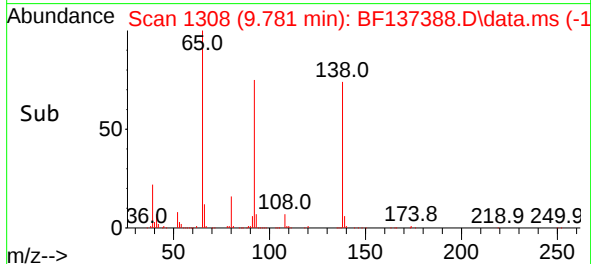
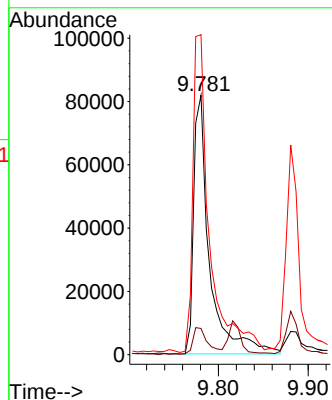
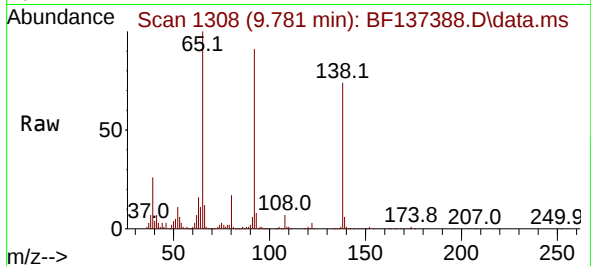




#53
3-Nitroaniline
Concen: 17.086 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

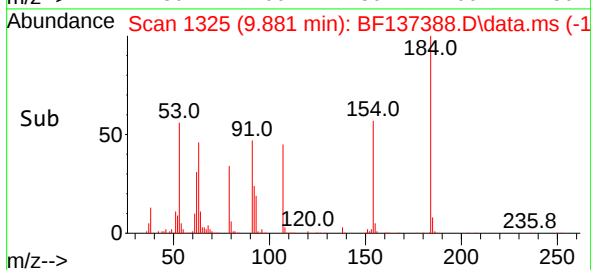
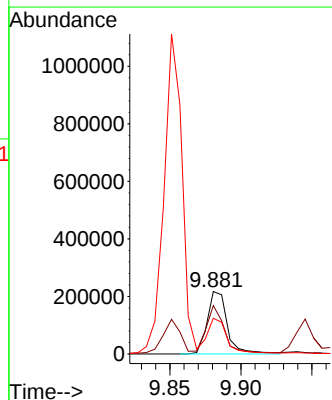
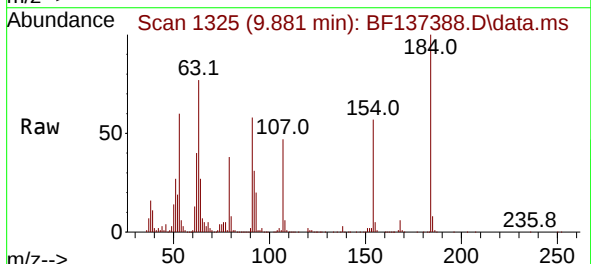
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

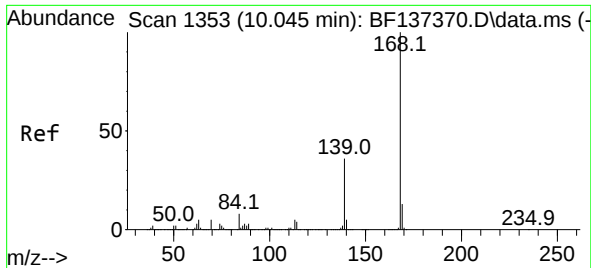
Tgt Ion:138 Resp: 100513
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 123.4 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 76.791 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:184 Resp: 214606
Ion Ratio Lower Upper
184 100
63 77.4 55.9 83.9
154 57.2 47.6 71.4

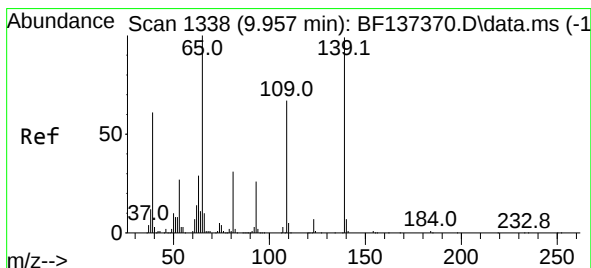
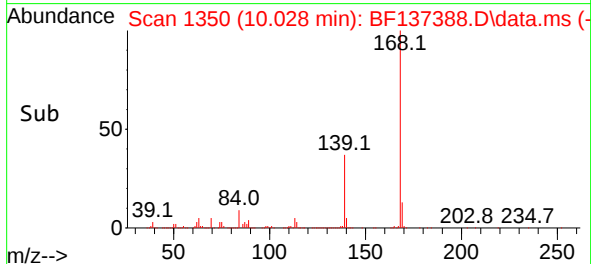
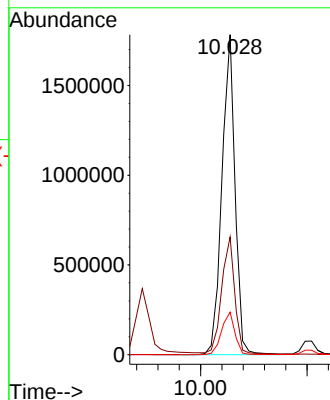
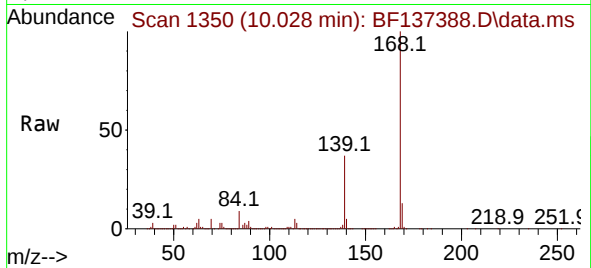




#55
Dibenzenofuran
Concen: 41.619 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

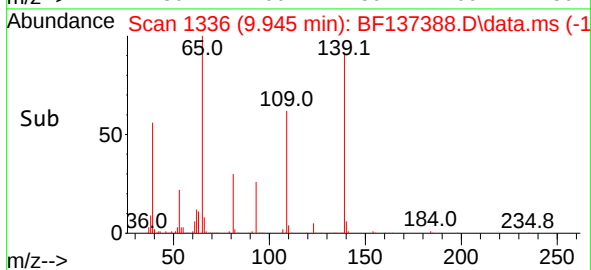
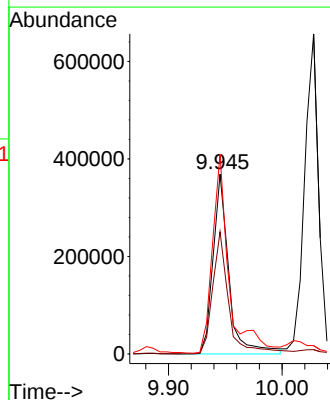
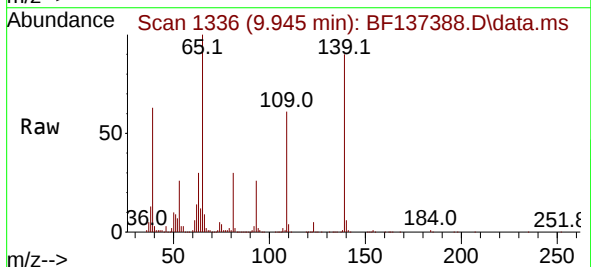
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

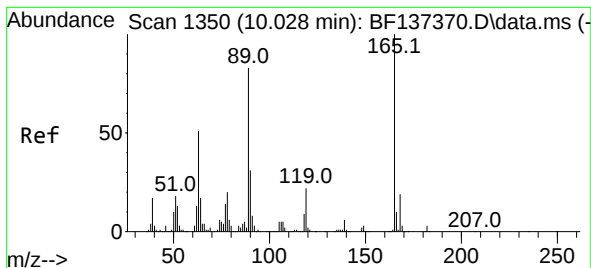
Tgt Ion:168 Resp: 1516094
Ion Ratio Lower Upper
168 100
139 36.8 28.9 43.3
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 74.019 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:139 Resp: 354246
Ion Ratio Lower Upper
139 100
109 68.0 48.0 88.0
65 111.1 82.2 122.2





#57

2,4-Dinitrotoluene

Concen: 44.764 ng

RT: 10.010 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion:165 Resp: 320919

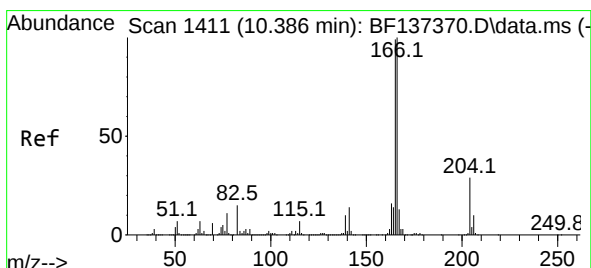
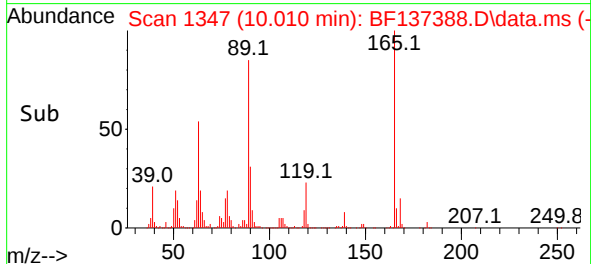
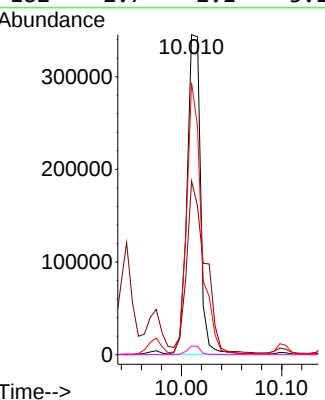
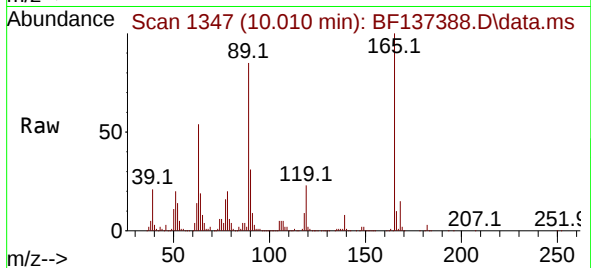
Ion Ratio Lower Upper

165 100

63 54.3 41.1 61.7

89 85.0 66.6 100.0

182 2.7 2.1 3.1



#58

Fluorene

Concen: 40.455 ng

RT: 10.369 min Scan# 1408

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

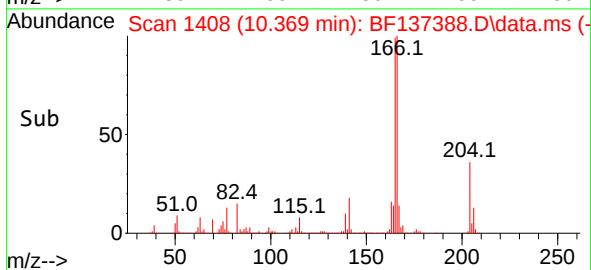
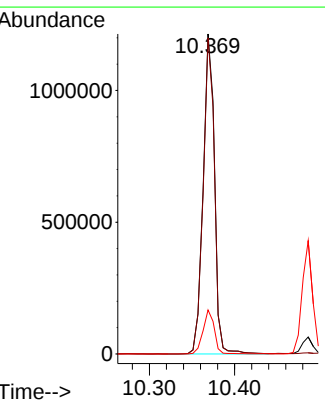
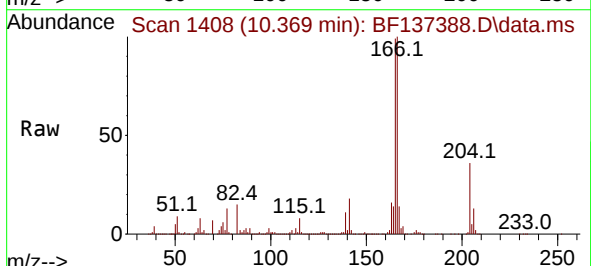
Tgt Ion:166 Resp: 1125449

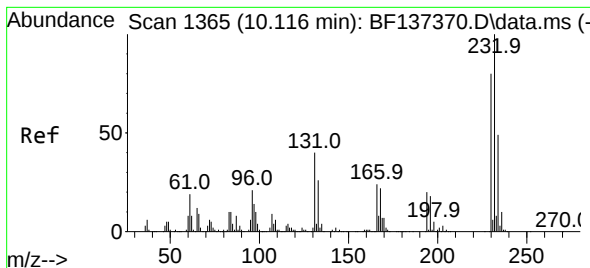
Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

167 13.7 10.5 15.7

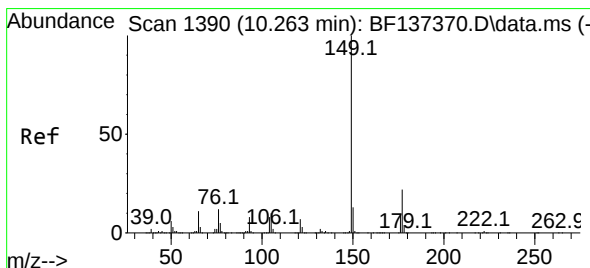
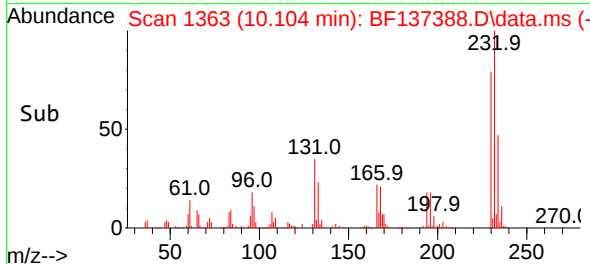
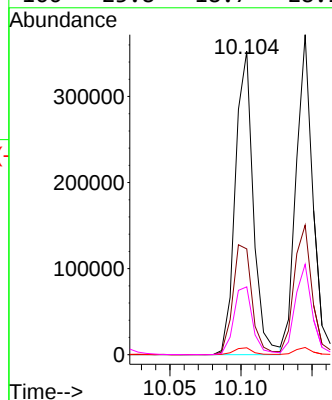
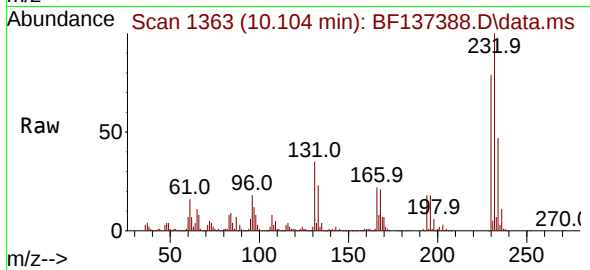




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.412 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

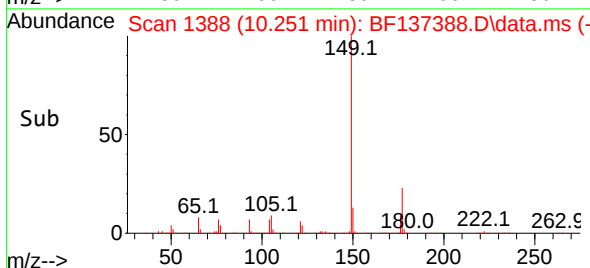
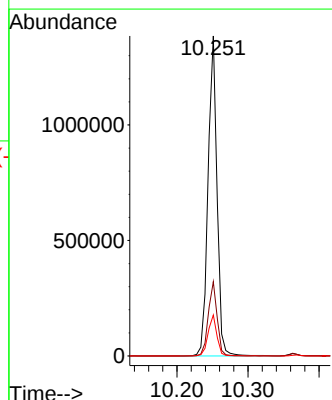
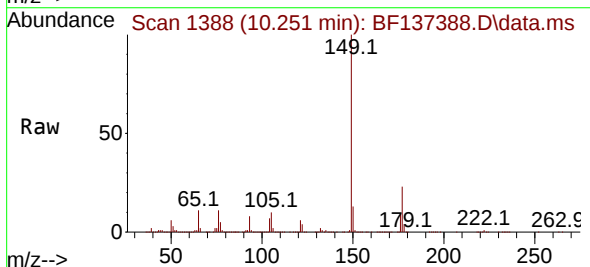
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

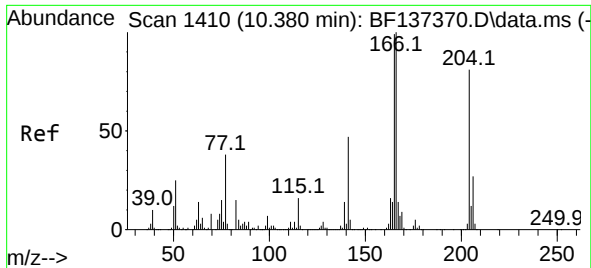
Tgt Ion:232 Resp: 310425
Ion Ratio Lower Upper
232 100
131 39.1 31.1 46.7
130 2.4 1.8 2.6
166 23.8 18.7 28.1



#60
Diethylphthalate
Concen: 42.851 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:149 Resp: 1221450
Ion Ratio Lower Upper
149 100
177 23.2 18.0 27.0
150 12.8 10.2 15.2

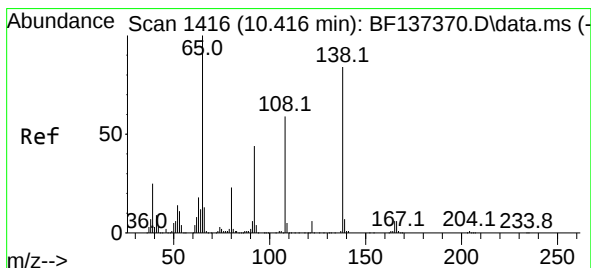
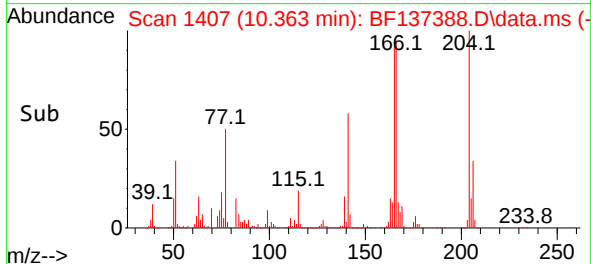
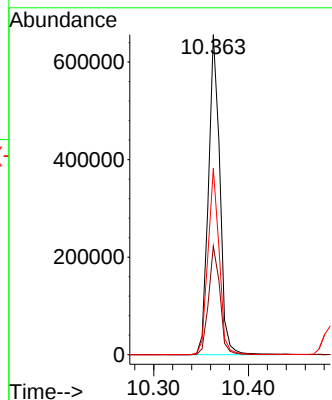
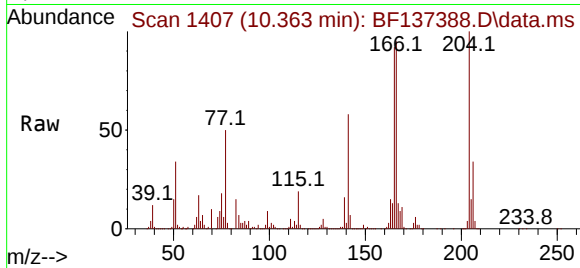




#61
4-Chlorophenyl-phenylether
Concen: 39.860 ng
RT: 10.363 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

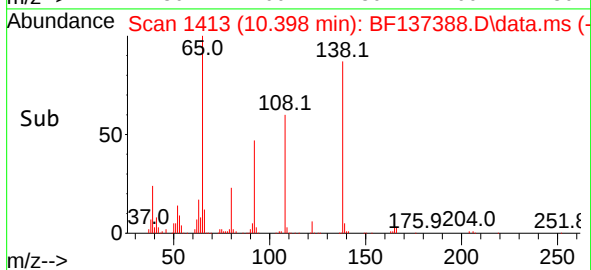
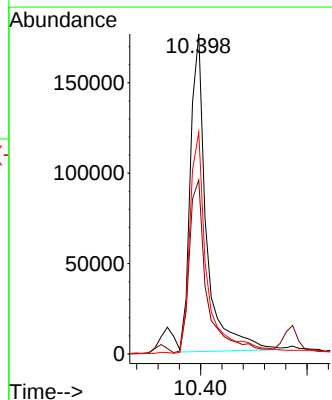
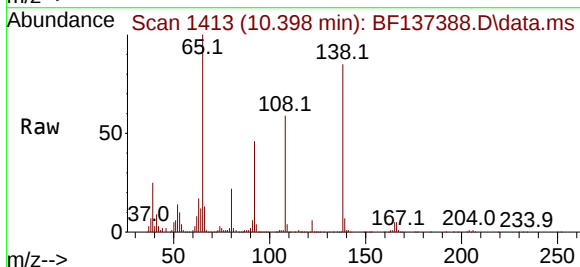
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

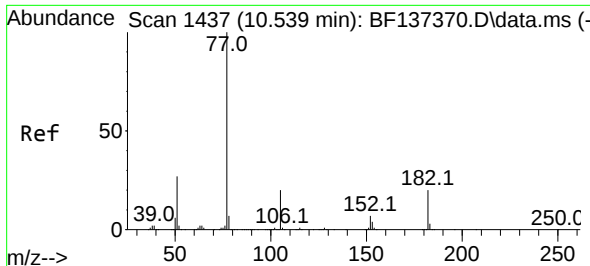
Tgt Ion:204 Resp: 545474
Ion Ratio Lower Upper
204 100
206 34.0 26.8 40.2
141 58.2 46.4 69.6



#62
4-Nitroaniline
Concen: 31.452 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:138 Resp: 184248
Ion Ratio Lower Upper
138 100
92 54.4 33.4 73.4
108 69.4 50.4 90.4

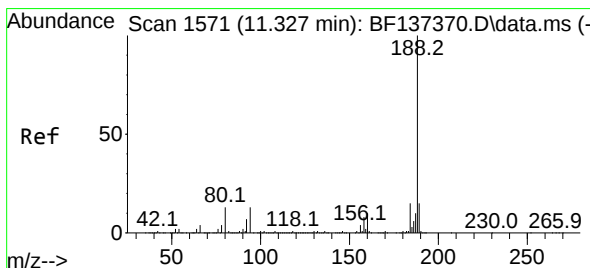
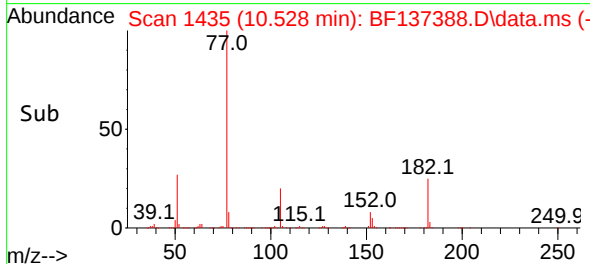
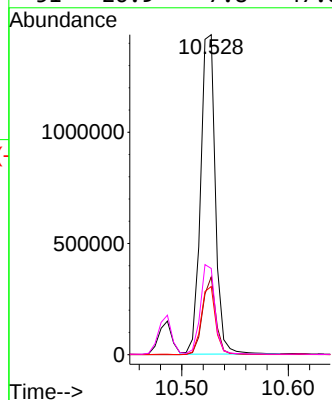
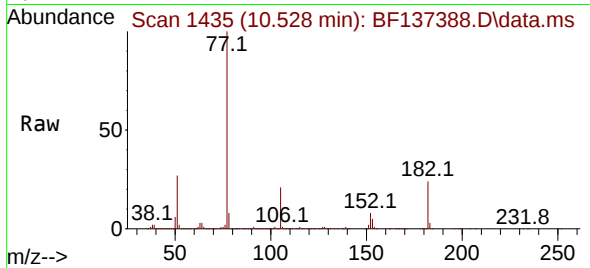




#63
Azobenzene
Concen: 40.613 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

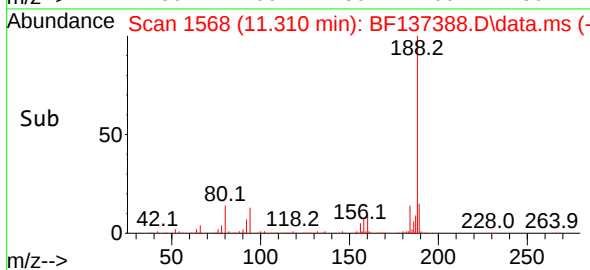
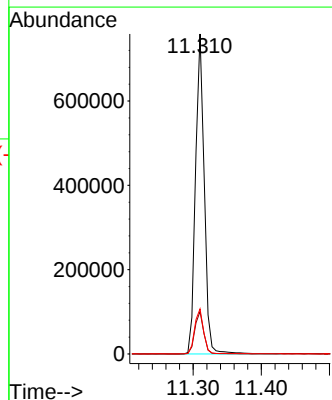
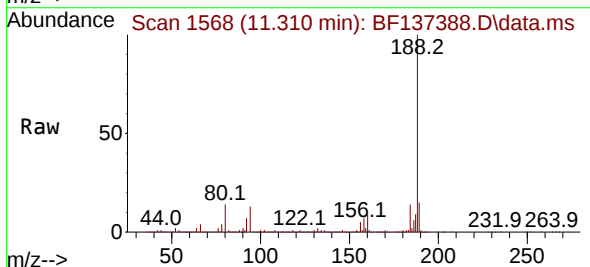
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

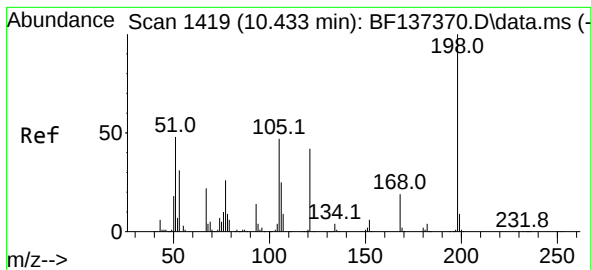
Tgt Ion: 77 Resp: 1385043
Ion Ratio Lower Upper
77 100
182 24.3 0.0 39.6
105 21.3 0.4 40.4
51 26.9 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion: 188 Resp: 675483
Ion Ratio Lower Upper
188 100
94 13.3 10.2 15.2
80 14.1 10.7 16.1

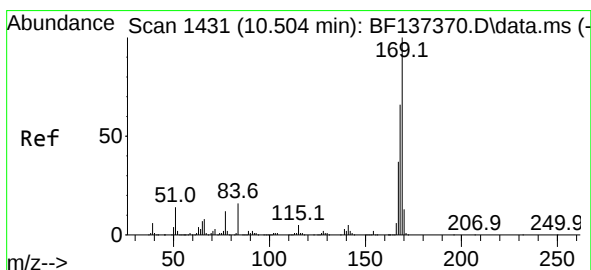
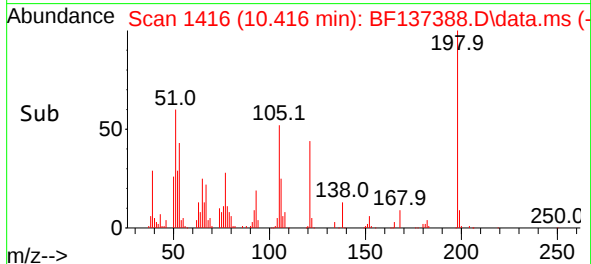
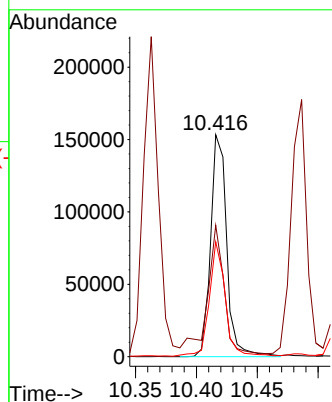
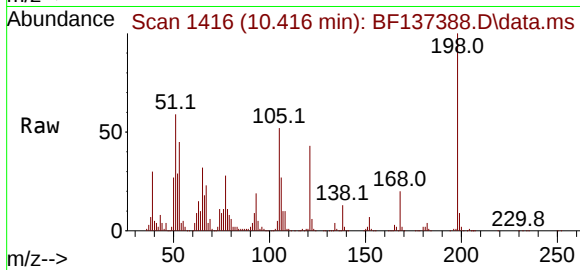




#65
4,6-Dinitro-2-methylphenol
Concen: 43.301 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

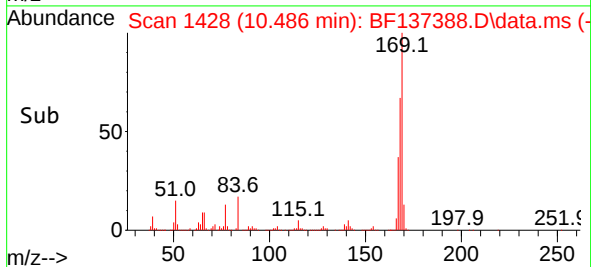
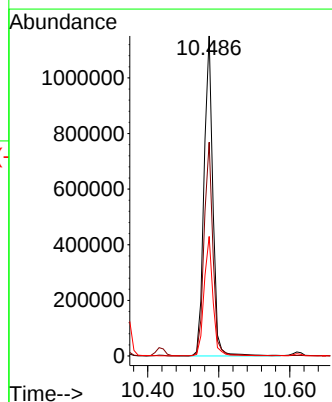
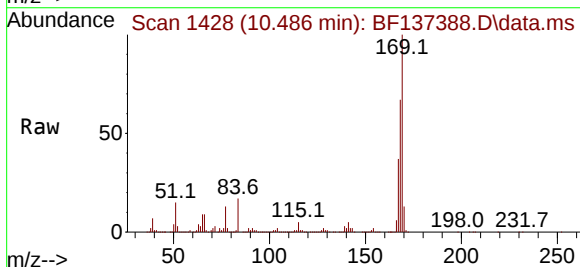
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

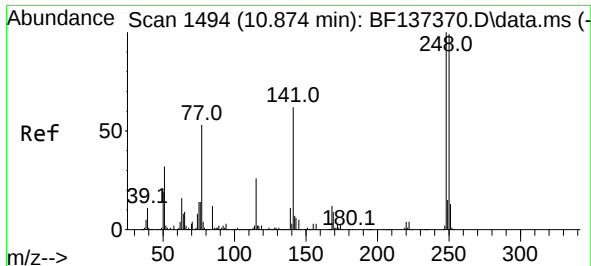
Tgt Ion:198 Resp: 141415
Ion Ratio Lower Upper
198 100
51 59.2 36.8 76.8
105 51.7 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 45.196 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.017 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:169 Resp: 991503
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 37.4 29.2 43.8

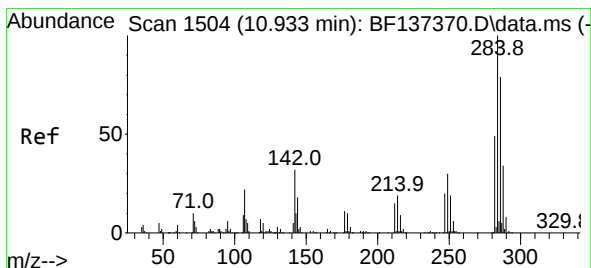
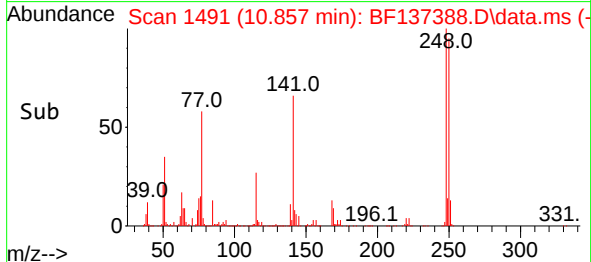
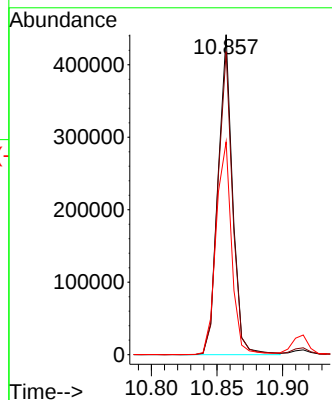
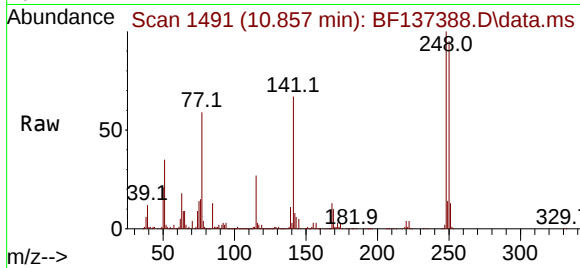




#67
4-Bromophenyl-phenylether
Concen: 46.763 ng
RT: 10.857 min Scan# 1494
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

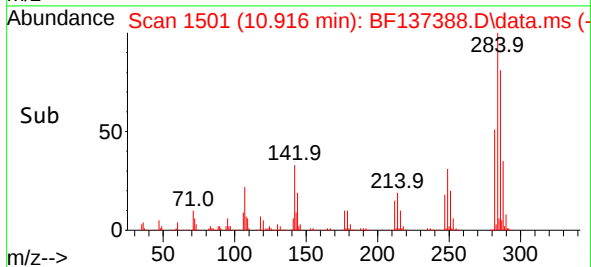
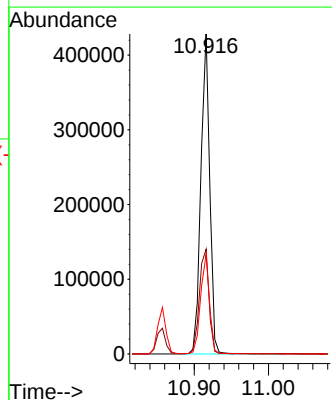
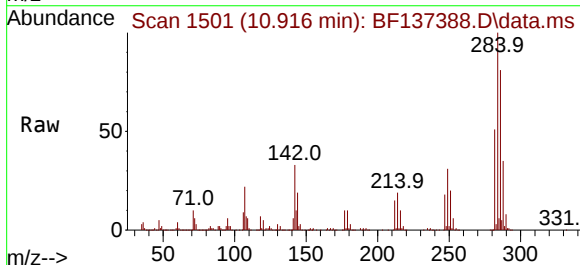
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

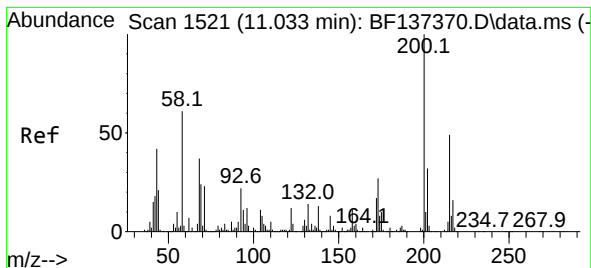
Tgt Ion:248 Resp: 339579
Ion Ratio Lower Upper
248 100
250 94.7 79.0 118.6
141 66.5 49.9 74.9



#68
Hexachlorobenzene
Concen: 47.228 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:284 Resp: 354778
Ion Ratio Lower Upper
284 100
142 32.7 25.4 38.0
249 31.1 24.2 36.4





#69

Atrazine

Concen: 51.612 ng

RT: 11.016 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

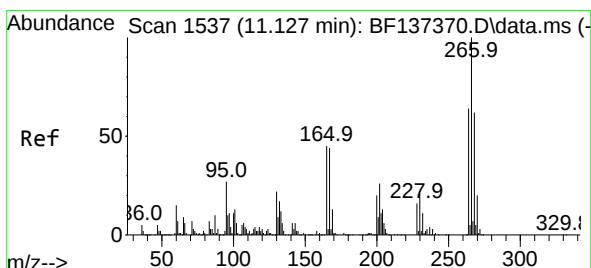
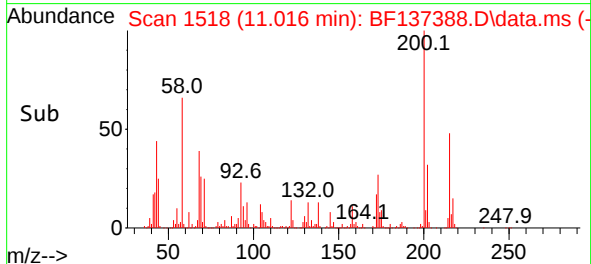
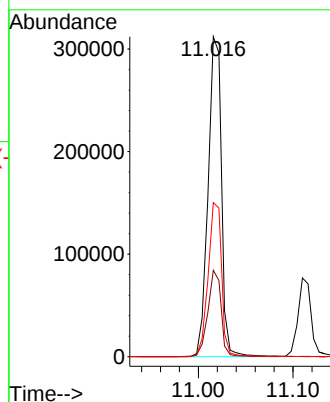
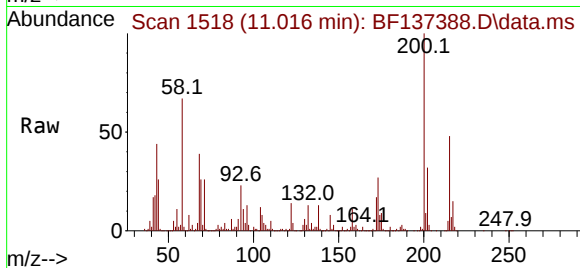
Tgt Ion:200 Resp: 305562

Ion Ratio Lower Upper

200 100

173 27.0 6.8 46.8

215 48.2 29.4 69.4



#70

Pentachlorophenol

Concen: 82.618 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.012 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

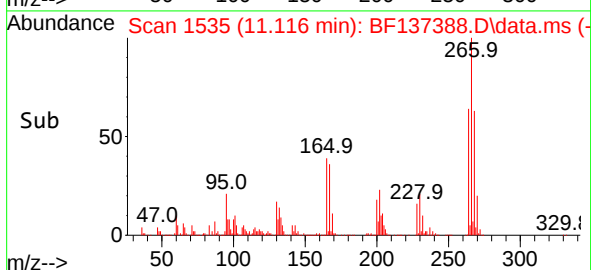
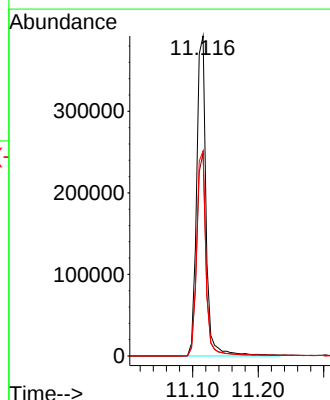
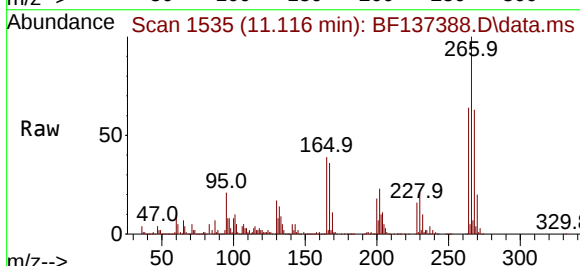
Tgt Ion:266 Resp: 393214

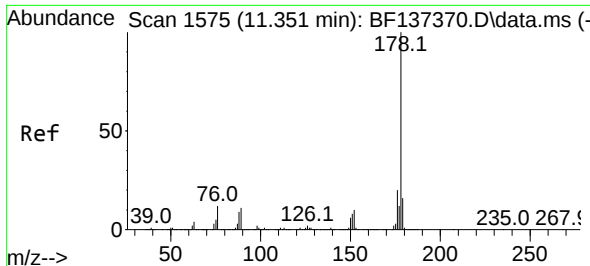
Ion Ratio Lower Upper

266 100

268 63.4 49.4 74.2

264 64.0 51.3 76.9

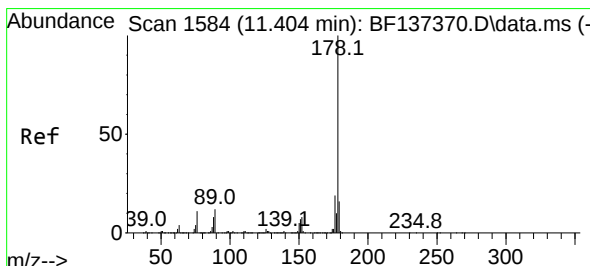
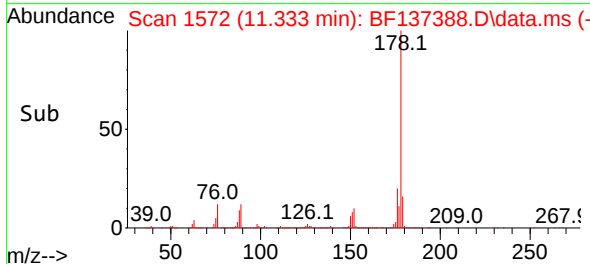
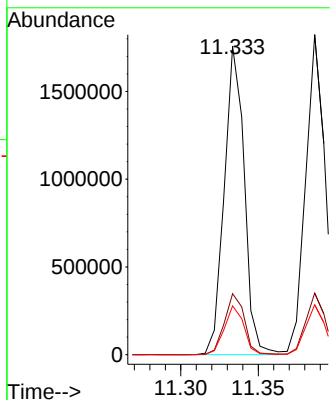
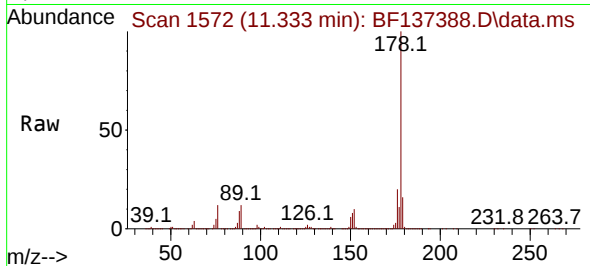




#71
Phenanthrene
Concen: 42.390 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

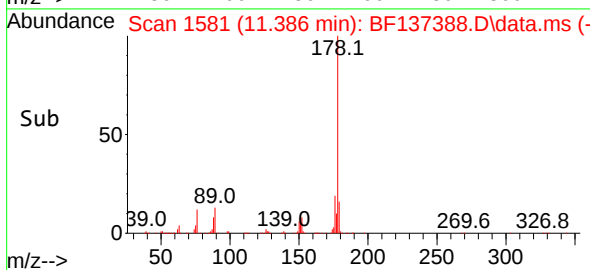
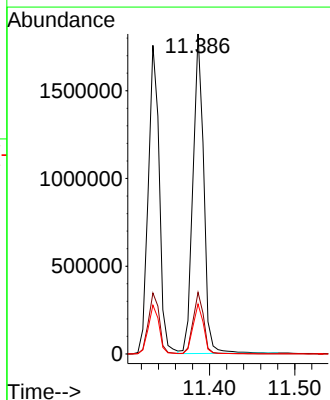
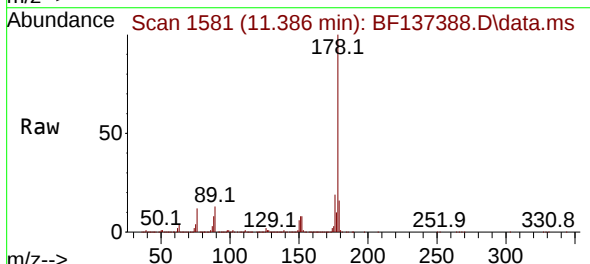
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

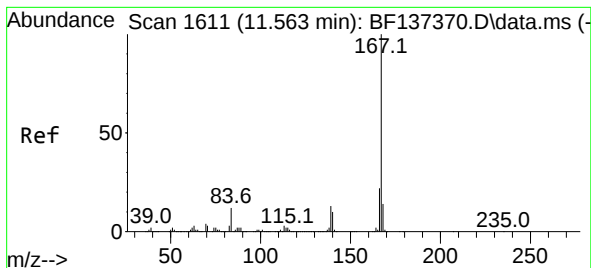
Tgt Ion:178 Resp: 1579742
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.8 12.7 19.1



#72
Anthracene
Concen: 41.566 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:178 Resp: 1596413
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.6 18.8





#73

Carbazole

Concen: 40.355 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

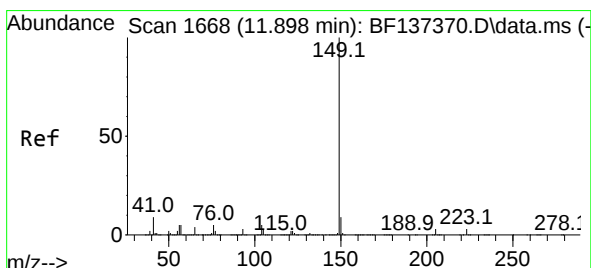
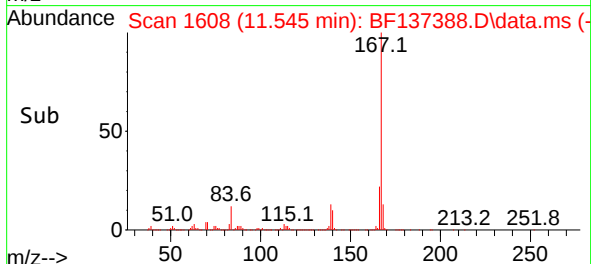
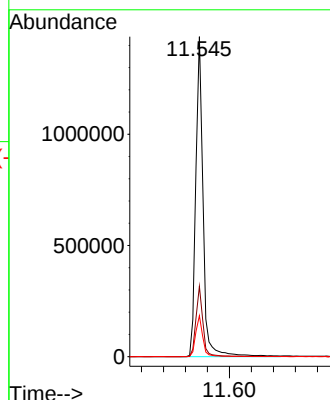
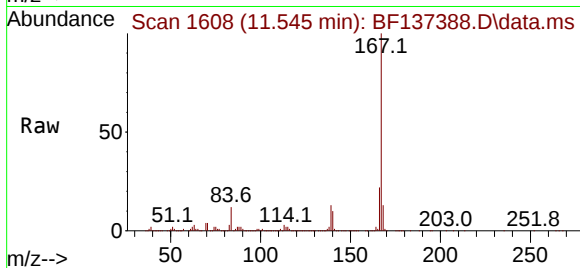
Tgt Ion:167 Resp: 1324230

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 12.8 10.0 15.0



#74

Di-n-butylphthalate

Concen: 53.191 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

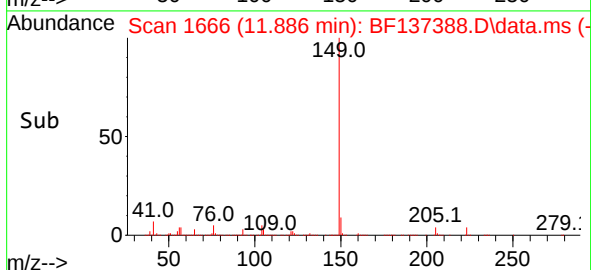
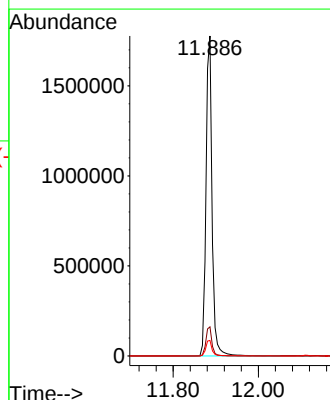
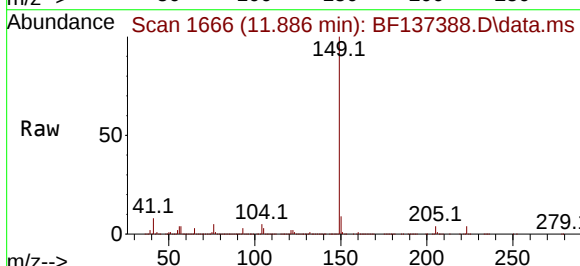
Tgt Ion:149 Resp: 1746469

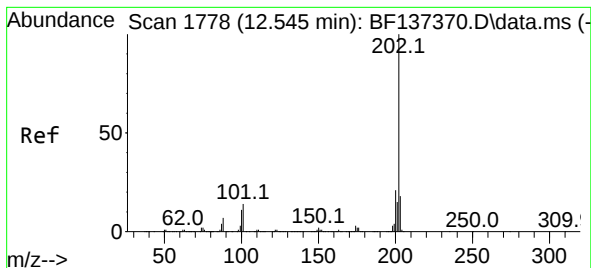
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 38.255 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

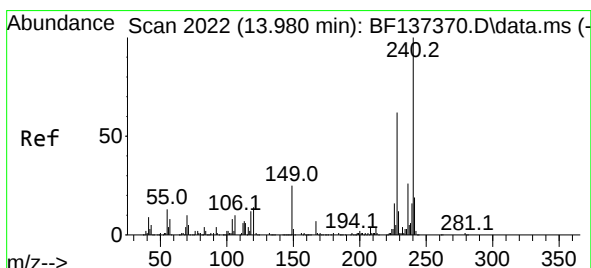
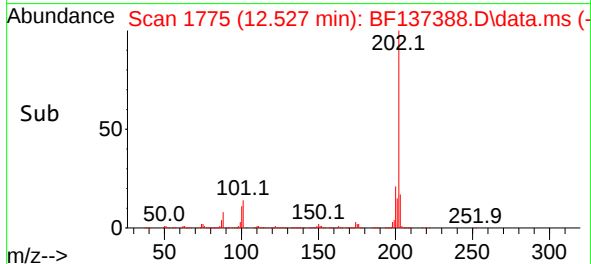
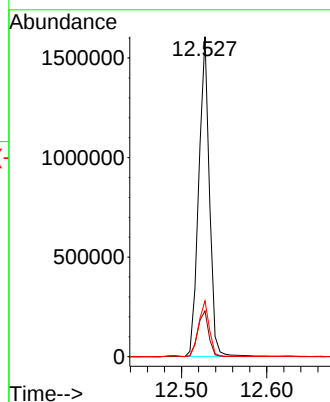
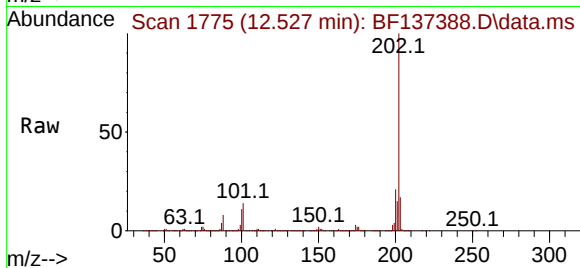
Tgt Ion:202 Resp: 1391615

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.9

203 17.5 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

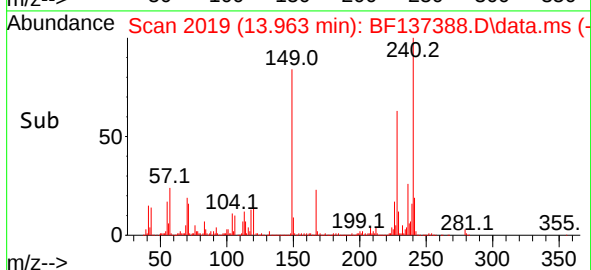
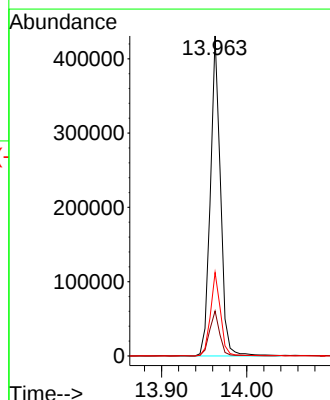
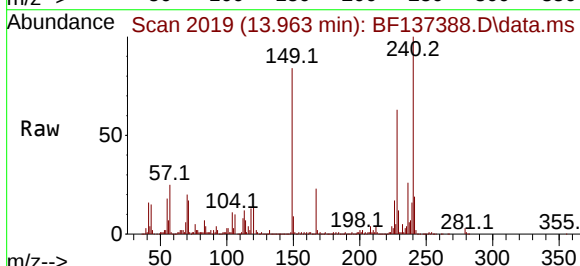
Tgt Ion:240 Resp: 354836

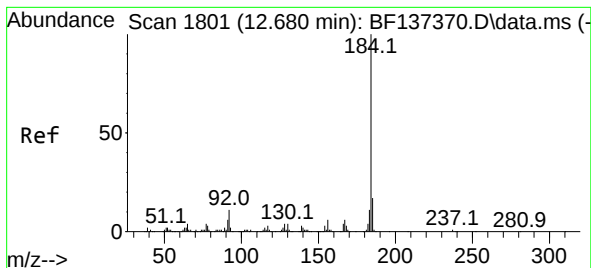
Ion Ratio Lower Upper

240 100

120 14.0 11.3 16.9

236 26.1 20.5 30.7





#77

Benzidine

Concen: 27.521 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

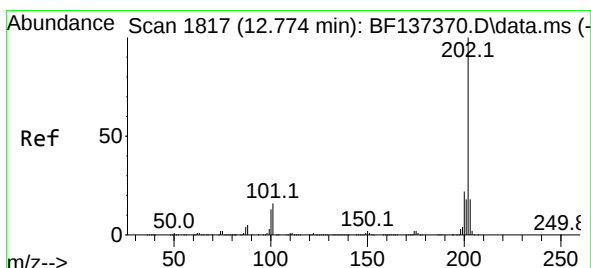
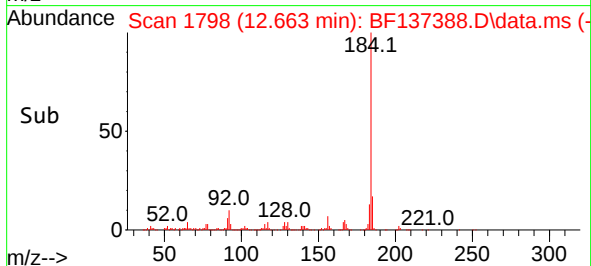
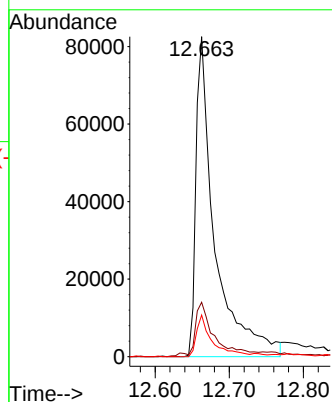
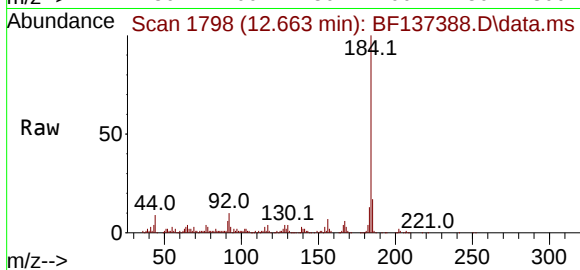
Tgt Ion:184 Resp: 145789

Ion Ratio Lower Upper

184 100

185 17.0 13.7 20.5

183 13.0 8.8 13.2



#78

Pyrene

Concen: 41.290 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

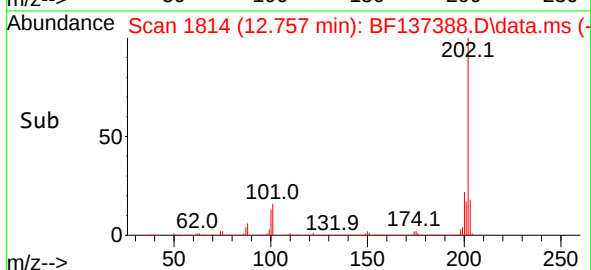
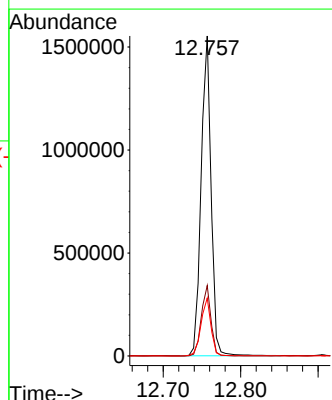
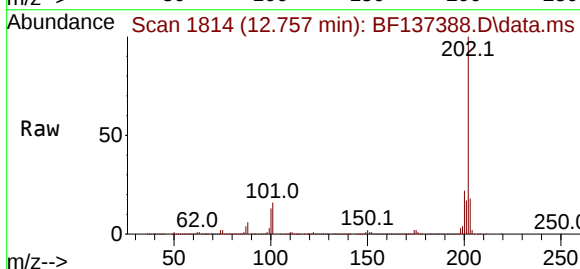
Tgt Ion:202 Resp: 1385387

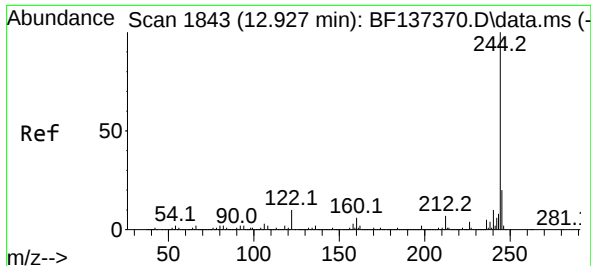
Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

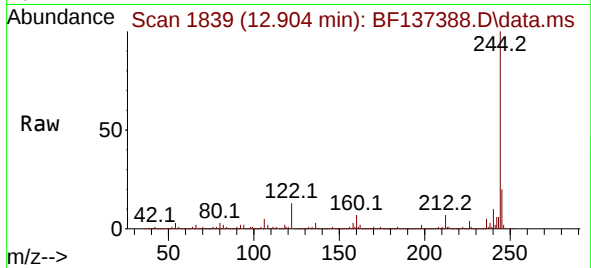
203 18.1 14.2 21.2



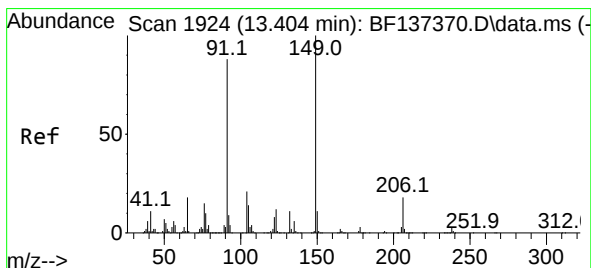
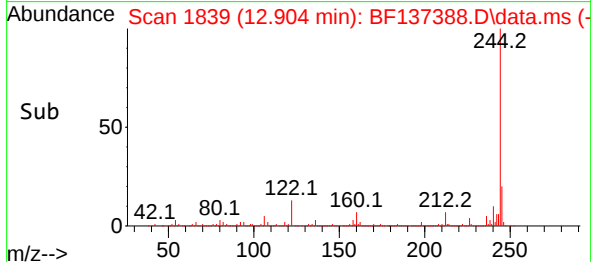
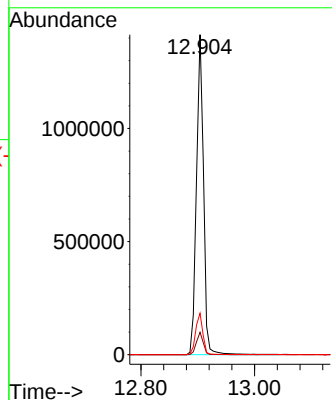


#79
 Terphenyl-d14
 Concen: 48.748 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.023 min
 Lab File: BF137388.D
 Acq: 26 Feb 2024 16:35

Instrument : BNA_F
 ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

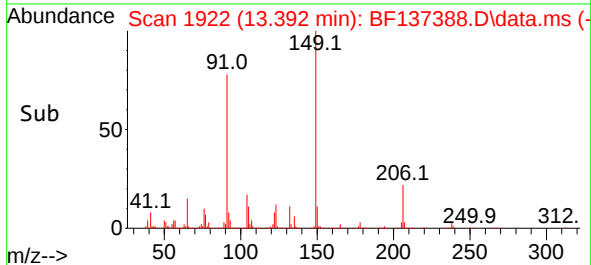
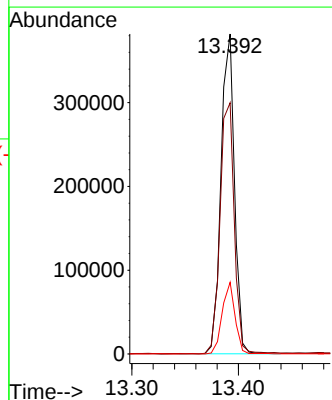
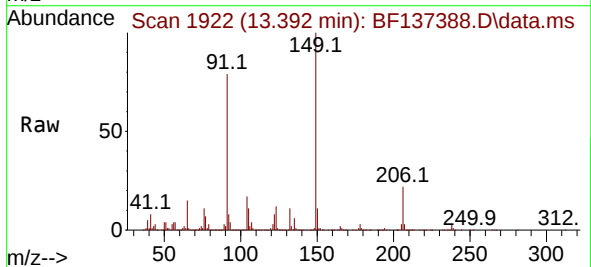


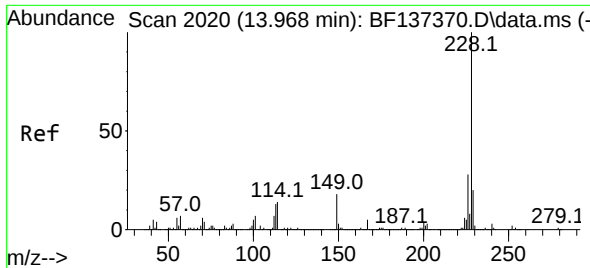
Tgt Ion:244 Resp: 1236699
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.3 7.9
 122 12.9 8.2 12.4#



#80
 Butylbenzylphthalate
 Concen: 61.289 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF137388.D
 Acq: 26 Feb 2024 16:35

Tgt Ion:149 Resp: 333957
 Ion Ratio Lower Upper
 149 100
 91 78.5 70.5 105.7
 206 22.4 14.8 22.2#

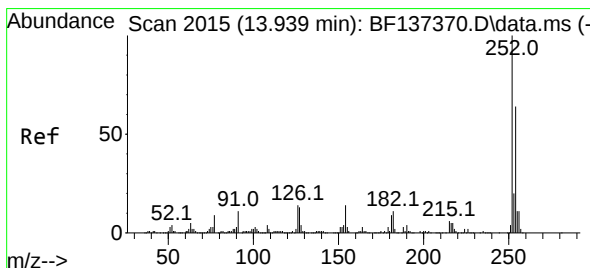
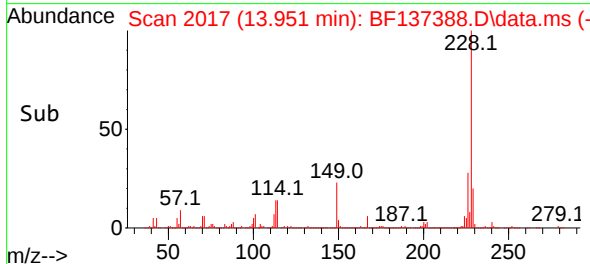
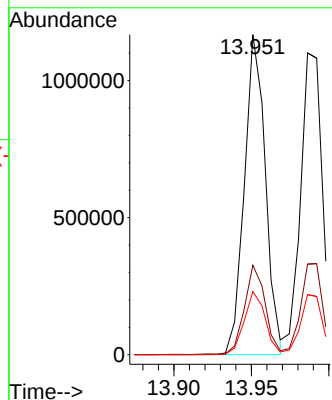
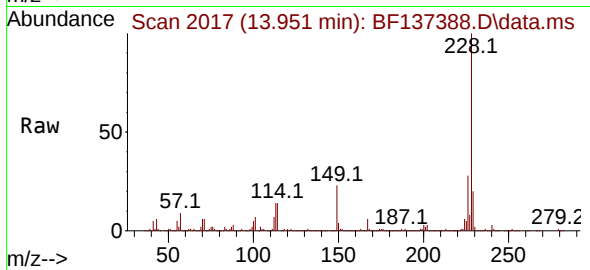




#81
Benzo(a)anthracene
Concen: 44.634 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

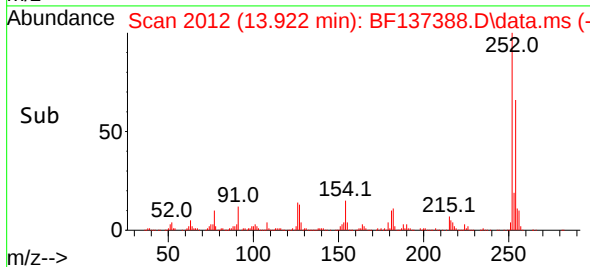
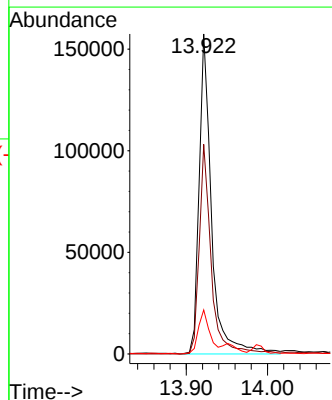
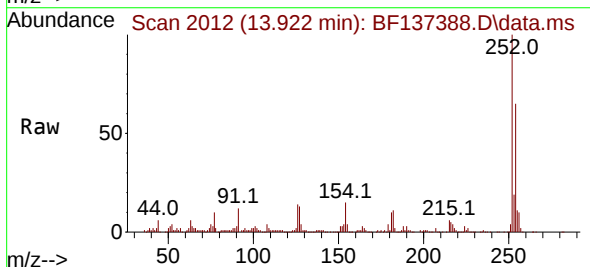
Instrument : BNA_F
ClientSampleId : 20241101-COMPOSITE-35N-N-4-06MS

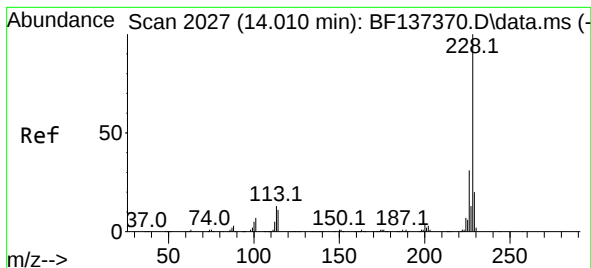
Tgt Ion:228 Resp: 1099000
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 31.260 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.018 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:252 Resp: 168230
Ion Ratio Lower Upper
252 100
254 65.5 51.2 76.8
126 13.7 11.1 16.7





#83

Chrysene

Concen: 45.015 ng

RT: 13.986 min Scan# 2018

Delta R.T. -0.023 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

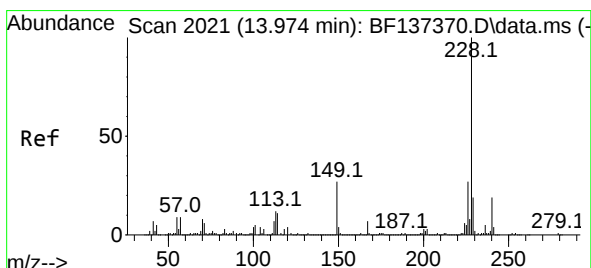
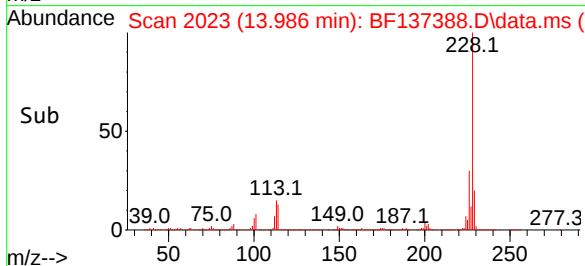
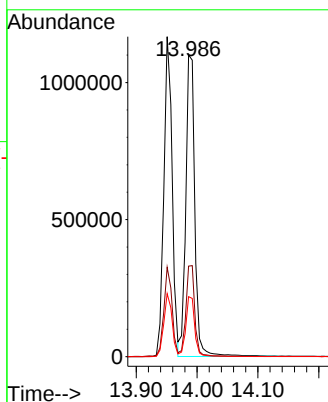
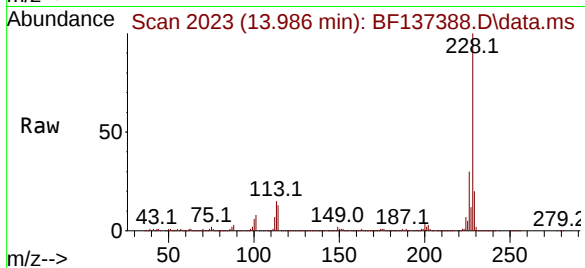
Tgt Ion:228 Resp: 1132275

Ion Ratio Lower Upper

228 100

226 30.0 24.6 37.0

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.551 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

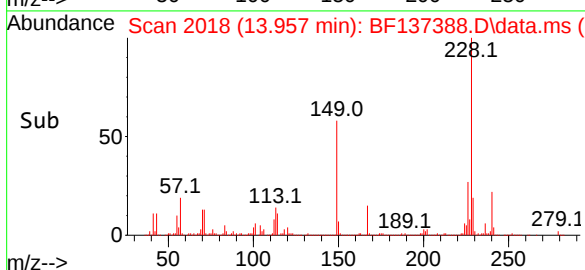
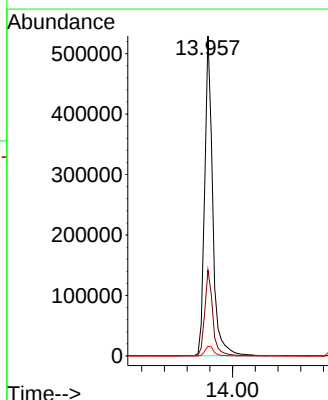
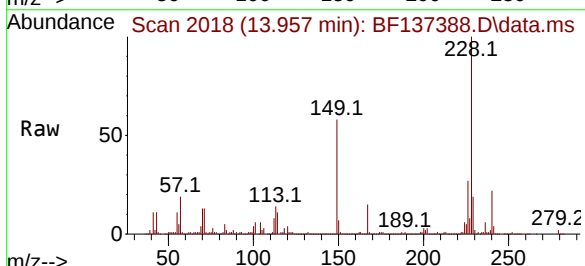
Tgt Ion:149 Resp: 516692

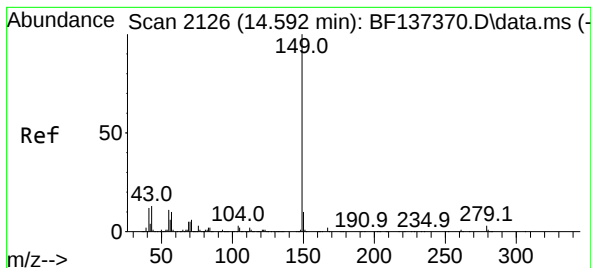
Ion Ratio Lower Upper

149 100

167 26.8 20.6 31.0

279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 70.257 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

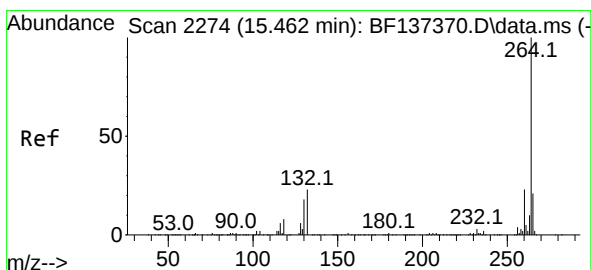
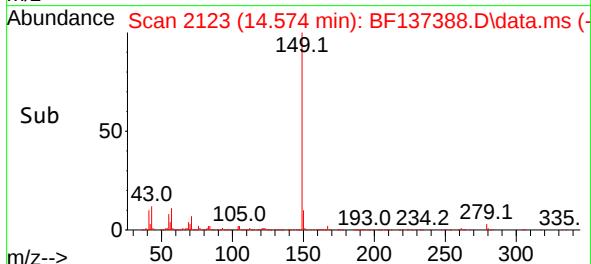
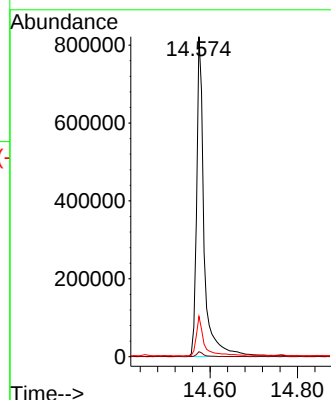
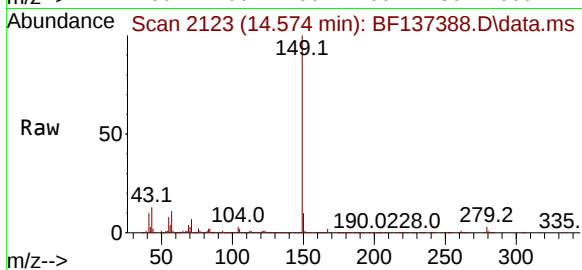
Tgt Ion:149 Resp: 979441

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.8 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.023 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

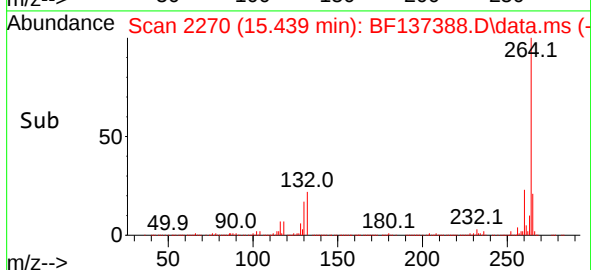
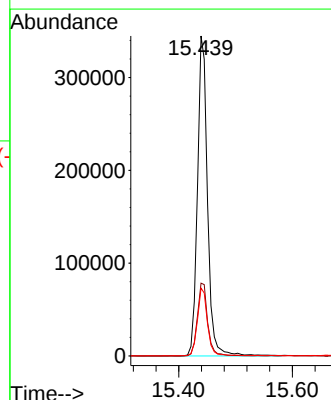
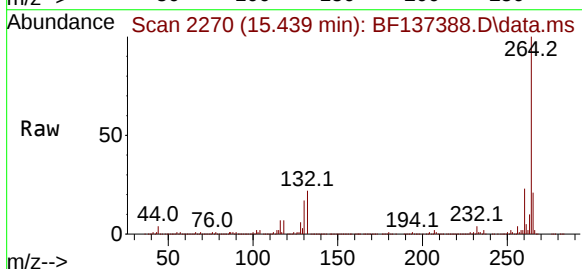
Tgt Ion:264 Resp: 426326

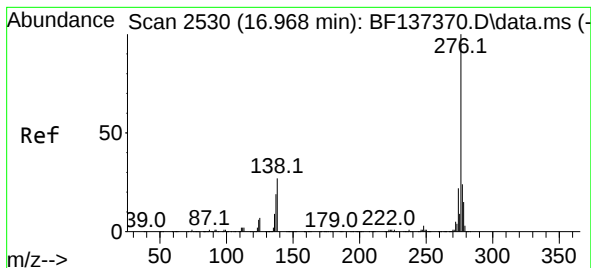
Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.804 ng

RT: 16.933 min Scan# 2197

Delta R.T. -0.035 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

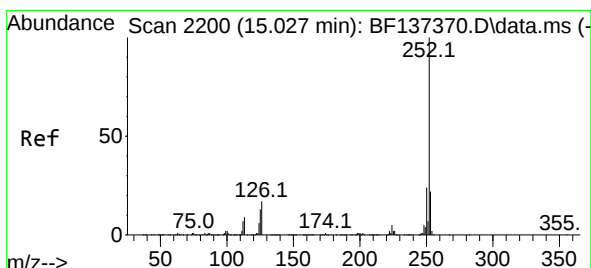
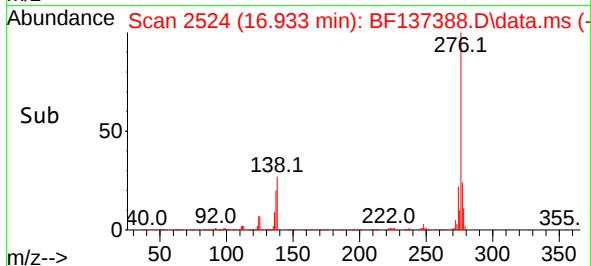
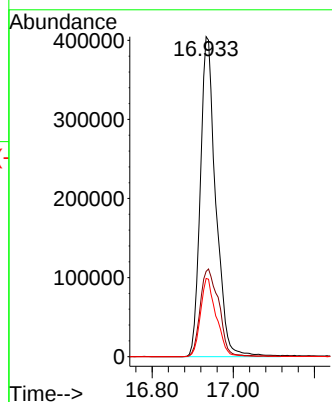
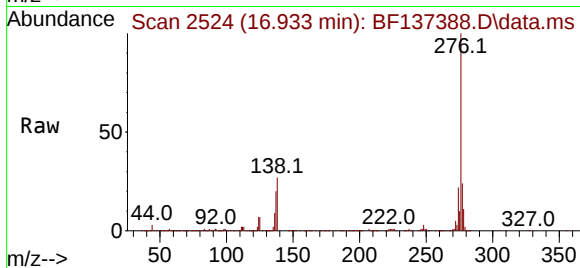
Tgt Ion:276 Resp: 1073063

Ion Ratio Lower Upper

276 100

138 32.9 25.8 38.8

277 25.1 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 45.695 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

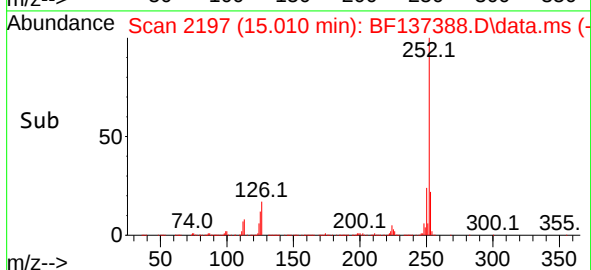
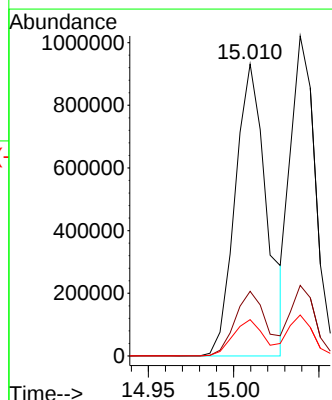
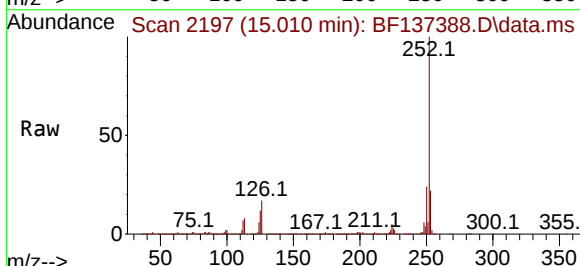
Tgt Ion:252 Resp: 1195055

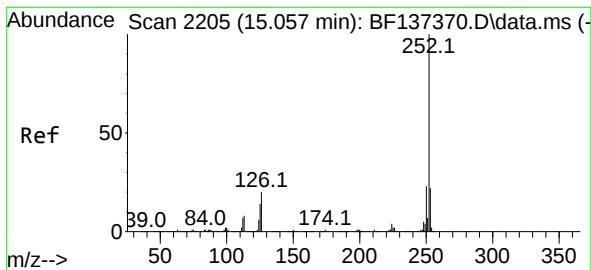
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 12.5 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 38.639 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06MS

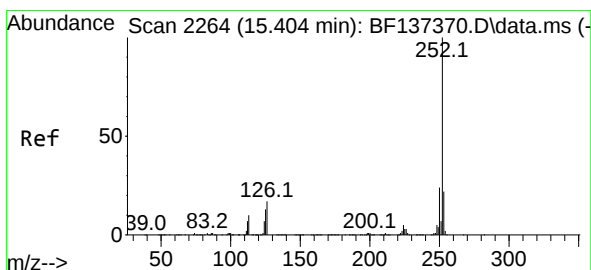
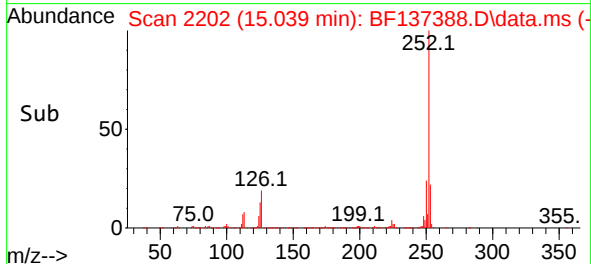
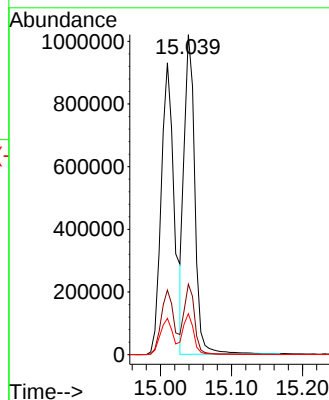
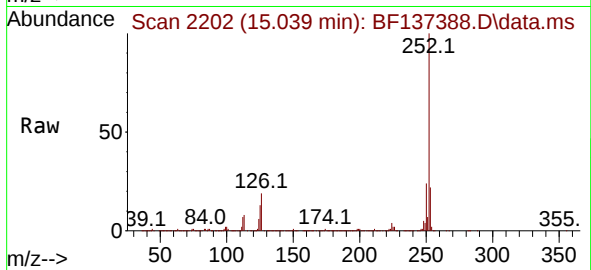
Tgt Ion:252 Resp: 1059145

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 12.8 10.7 16.1



#90

Benzo(a)pyrene

Concen: 42.747 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.024 min

Lab File: BF137388.D

Acq: 26 Feb 2024 16:35

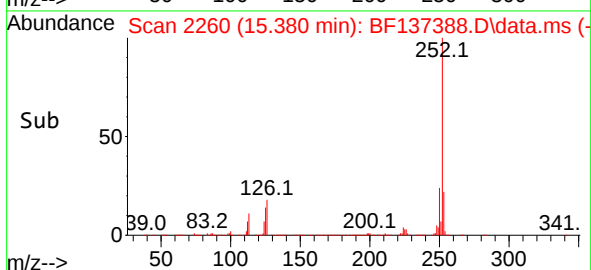
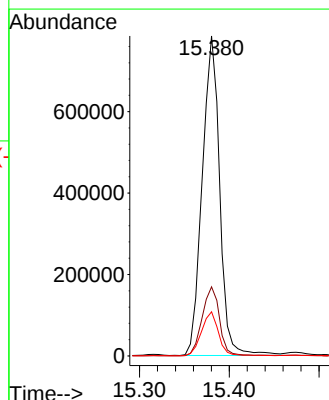
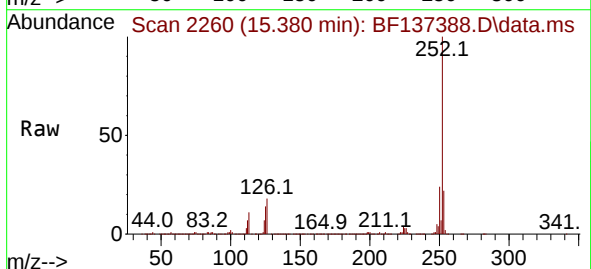
Tgt Ion:252 Resp: 1060426

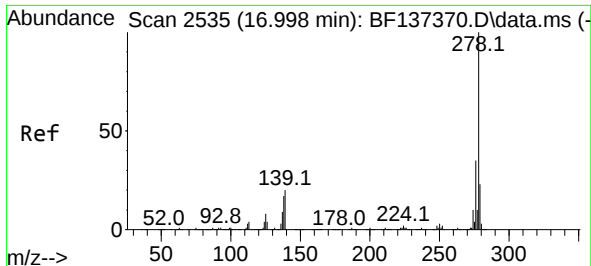
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 13.8 10.6 16.0

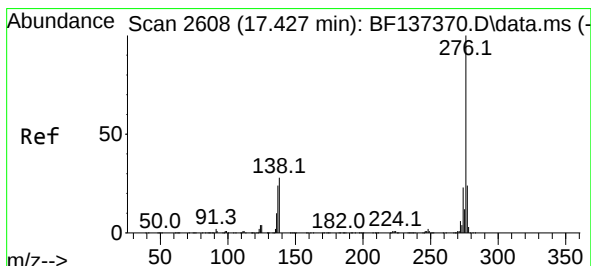
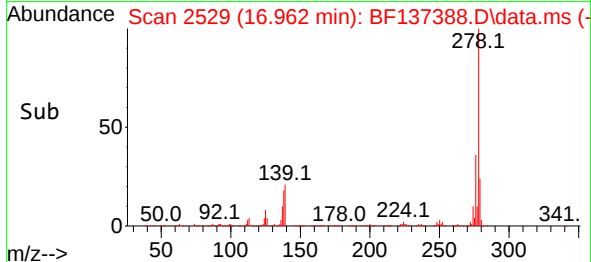
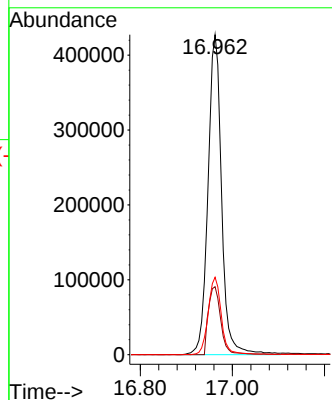
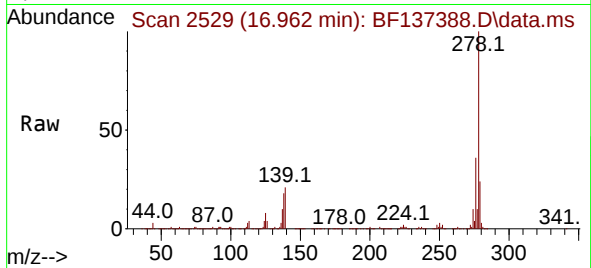




#91
Dibenzo(a,h)anthracene
Concen: 36.835 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.036 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06MS

Tgt Ion:278 Resp: 882036
Ion Ratio Lower Upper
278 100
139 21.2 16.2 24.4
279 24.2 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 32.824 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.035 min
Lab File: BF137388.D
Acq: 26 Feb 2024 16:35

Tgt Ion:276 Resp: 803677
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 26.5 22.6 33.8

