

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137034.D
 Acq On : 11 Jan 2024 12:42
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 11 13:21:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	56653	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	217209	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	111232	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	204350	20.000	ng	0.00
76) Chrysene-d12	13.980	240	104351	20.000	ng	# 0.01
86) Perylene-d12	15.468	264	106634	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	295687	81.435	ng	0.00
7) Phenol-d6	6.440	99	371631	78.989	ng	0.00
23) Nitrobenzene-d5	7.351	82	341183	80.377	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	102421	78.184	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	689951	83.427	ng	0.00
79) Terphenyl-d14	12.910	244	640750	85.809	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	59062	39.040	ng	96
3) Pyridine	3.304	79	143065	38.758	ng	93
4) n-Nitrosodimethylamine	3.275	42	71348	36.195	ng	96
6) Aniline	6.457	93	178063	37.854	ng	# 53
8) 2-Chlorophenol	6.581	128	158994	40.014	ng	94
9) Benzaldehyde	6.345	77	102107	38.155	ng	98
10) Phenol	6.451	94	198079	39.439	ng	87
11) bis(2-Chloroethyl)ether	6.528	93	147540	38.628	ng	99
12) 1,3-Dichlorobenzene	6.728	146	176172	40.643	ng	96
13) 1,4-Dichlorobenzene	6.804	146	177650	40.111	ng	98
14) 1,2-Dichlorobenzene	6.957	146	165534	40.166	ng	98
15) Benzyl Alcohol	6.934	79	121831	38.383	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	230507	36.913	ng	73
17) 2-Methylphenol	7.051	107	127707	38.796	ng	95
18) Hexachloroethane	7.292	117	62895	39.102	ng	91
19) n-Nitroso-di-n-propyla...	7.204	70	111100	38.955	ng	94
20) 3+4-Methylphenols	7.204	107	165935	40.350	ng	# 74
22) Acetophenone	7.198	105	222311	40.834	ng	# 89
24) Nitrobenzene	7.375	77	169865	39.948	ng	93
25) Isophorone	7.610	82	301202	38.997	ng	98
26) 2-Nitrophenol	7.687	139	85867	42.207	ng	99
27) 2,4-Dimethylphenol	7.728	122	101716	41.068	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	186478	39.719	ng	100
29) 2,4-Dichlorophenol	7.934	162	128825	40.401	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	145682	41.006	ng	99
31) Naphthalene	8.087	128	485574	40.692	ng	100
32) Benzoic acid	7.869	122	74684	31.164	ng	100
33) 4-Chloroaniline	8.139	127	170763	38.758	ng	98
34) Hexachlorobutadiene	8.198	225	89008	41.236	ng	97
35) Caprolactam	8.522	113	40259	38.272	ng	# 85
36) 4-Chloro-3-methylphenol	8.634	107	141348	39.376	ng	97
37) 2-Methylnaphthalene	8.781	142	307216	40.004	ng	99
38) 1-Methylnaphthalene	8.875	142	300582	39.895	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	143941	41.785	ng	98
41) Hexachlorocyclopentadiene	8.928	237	36556	36.143	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	90841	41.119	ng	98

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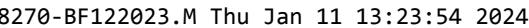
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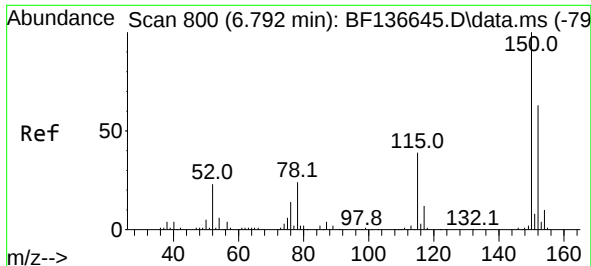
Quant Time: Jan 11 13:21:15 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	98011	39.812	ng	98
46) 1,1'-Biphenyl	9.245	154	389326	41.710	ng	98
47) 2-Chloronaphthalene	9.269	162	294537	41.508	ng	99
48) 2-Nitroaniline	9.375	65	85345	38.408	ng	94
49) Acenaphthylene	9.686	152	435513	40.154	ng	99
50) Dimethylphthalate	9.545	163	318983	39.261	ng	100
51) 2,6-Dinitrotoluene	9.616	165	74736	40.531	ng	# 86
52) Acenaphthene	9.857	154	269898	40.144	ng	98
53) 3-Nitroaniline	9.792	138	75750	38.781	ng	90
54) 2,4-Dinitrophenol	9.904	184	42857	43.714	ng	# 88
55) Dibenzofuran	10.033	168	407003	39.936	ng	96
56) 4-Nitrophenol	9.975	139	55631	42.190	ng	91
57) 2,4-Dinitrotoluene	10.028	165	92619	38.692	ng	93
58) Fluorene	10.375	166	328710	40.649	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	71879	37.929	ng	94
60) Diethylphthalate	10.251	149	322612	38.270	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	160983	40.956	ng	98
62) 4-Nitroaniline	10.410	138	67851	36.034	ng	89
63) Azobenzene	10.528	77	301045	38.235	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	43440	37.092	ng	98
66) n-Nitrosodiphenylamine	10.492	169	277926	41.868	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	93783	41.324	ng	98
68) Hexachlorobenzene	10.928	284	107322	42.435	ng	98
69) Atrazine	11.022	200	64104	37.756	ng	98
70) Pentachlorophenol	11.133	266	42897	36.389	ng	97
71) Phenanthrene	11.345	178	423899	40.428	ng	99
72) Anthracene	11.398	178	428224	40.327	ng	99
73) Carbazole	11.557	167	390107	38.965	ng	99
74) Di-n-butylphthalate	11.880	149	480630	39.342	ng	99
75) Fluoranthene	12.539	202	431136	38.440	ng	97
77) Benzidine	12.663	184	102205	33.217	ng	98
78) Pyrene	12.769	202	427281	41.711	ng	100
80) Butylbenzylphthalate	13.386	149	154441	41.434	ng	98
81) Benzo(a)anthracene	13.969	228	299935	41.393	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	89446	43.467	ng	# 98
83) Chrysene	14.004	228	284502	40.151	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	202085	43.090	ng	# 96
85) Di-n-octyl phthalate	14.568	149	307977	42.454	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	334742	43.478	ng	100
88) Benzo(b)fluoranthene	15.027	252	275697	38.710	ng	99
89) Benzo(k)fluoranthene	15.057	252	249054	37.008	ng	98
90) Benzo(a)pyrene	15.404	252	241133	40.109	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	275506	43.618	ng	99
92) Benzo(g,h,i)perylene	17.462	276	283848	43.876	ng	99

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

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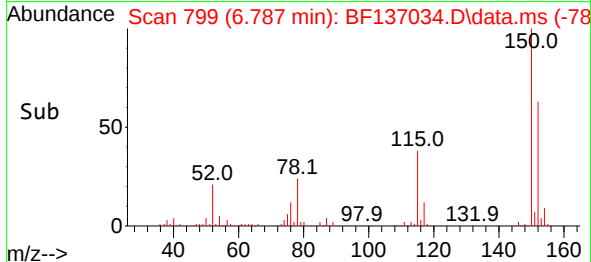
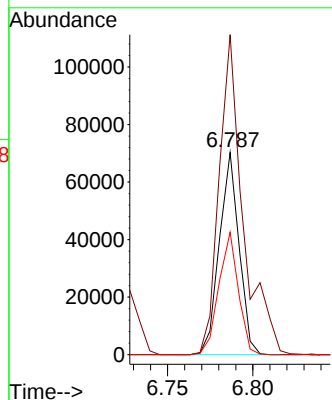
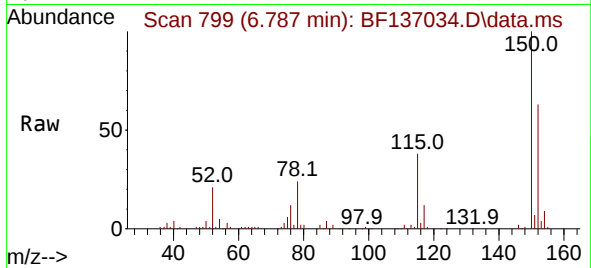




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137034.D
 Acq: 11 Jan 2024 12:42

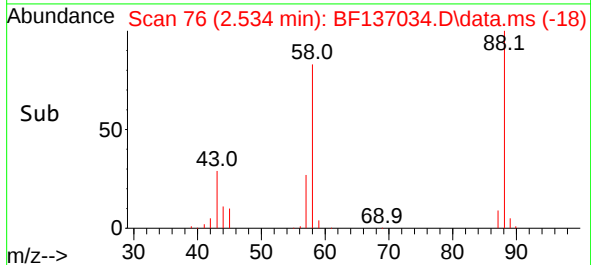
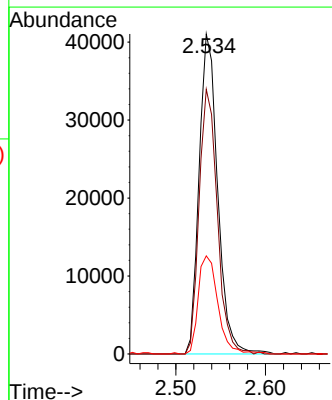
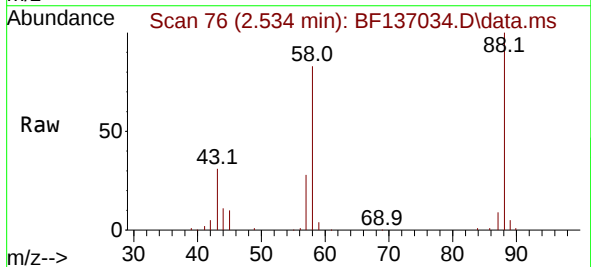
Instrument :
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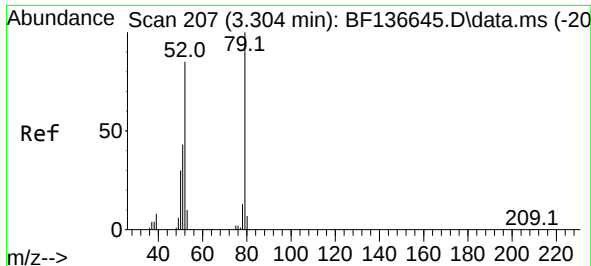
Tgt Ion:152 Resp: 56653
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.0 190.6
 115 60.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.040 ng
 RT: 2.534 min Scan# 76
 Delta R.T. -0.012 min
 Lab File: BF137034.D
 Acq: 11 Jan 2024 12:42

Tgt Ion: 88 Resp: 59062
 Ion Ratio Lower Upper
 88 100
 58 80.9 67.4 101.0
 43 32.6 27.7 41.5

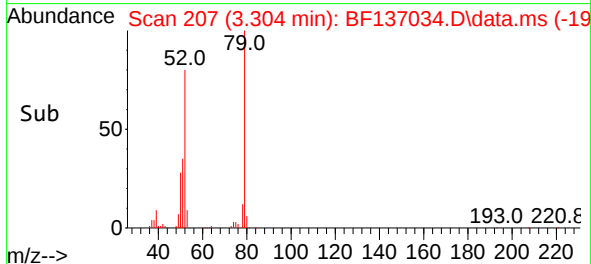
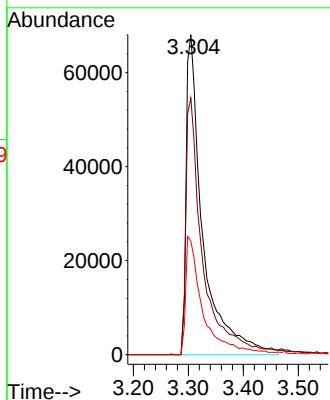
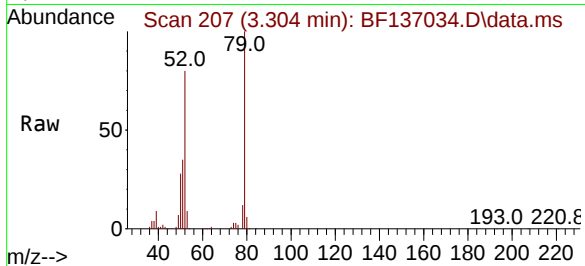




#3
Pyridine
Concen: 38.758 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

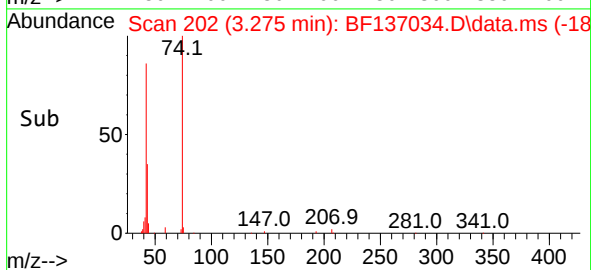
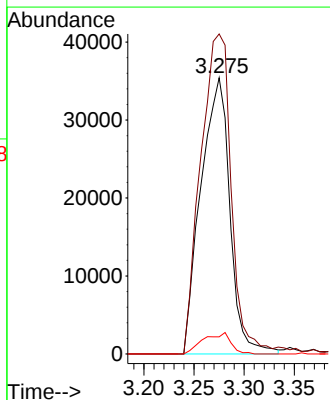
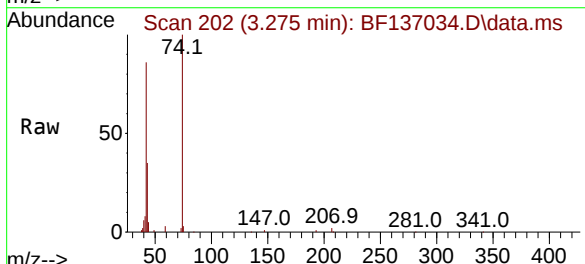
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 143065
Ion Ratio Lower Upper
79 100
52 80.2 67.7 101.5
51 35.5 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 36.195 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion: 42 Resp: 71348
Ion Ratio Lower Upper
42 100
74 115.9 96.0 144.0
44 6.2 5.4 8.2

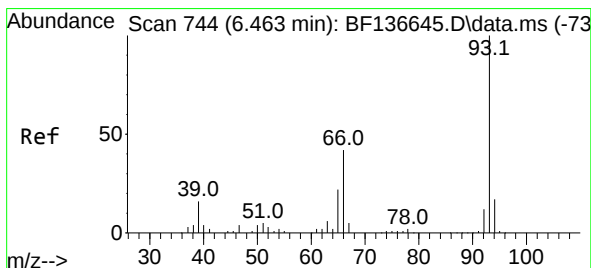
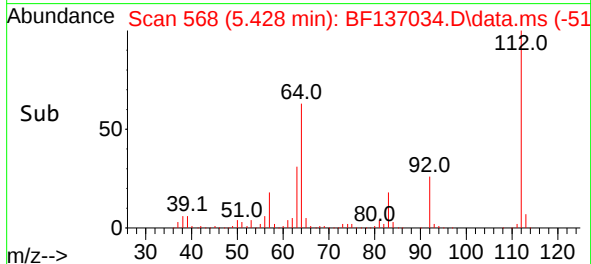
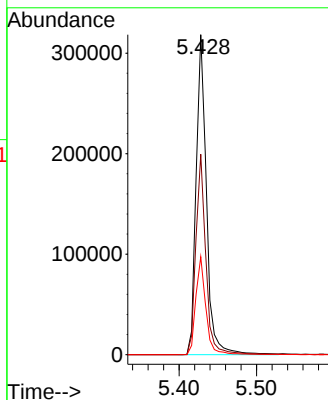
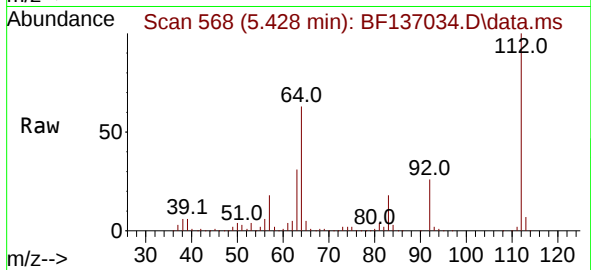




#5
2-Fluorophenol
Concen: 81.435 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

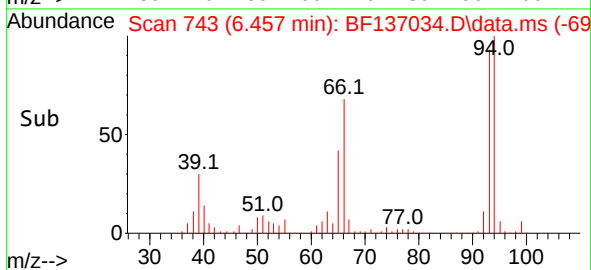
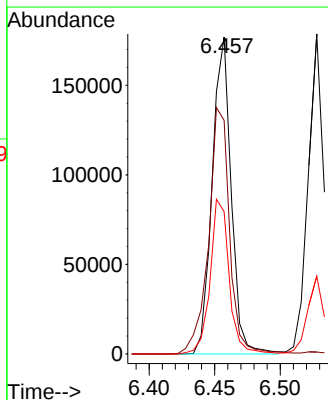
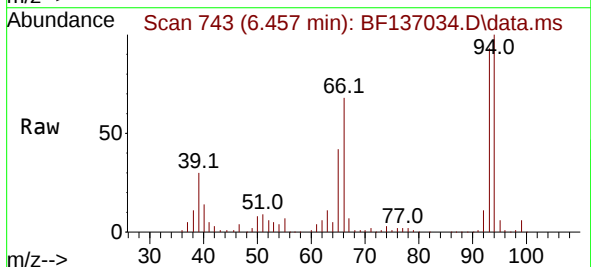
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ClientSampleId :
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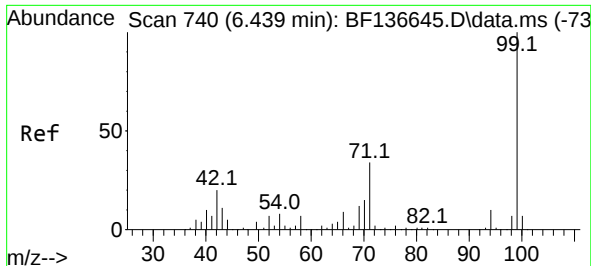
Tgt Ion:112 Resp: 295687
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 30.6 26.1 39.1



#6
Aniline
Concen: 37.854 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion: 93 Resp: 178063
Ion Ratio Lower Upper
93 100
66 73.7 34.6 51.8#
65 44.9 17.8 26.8#

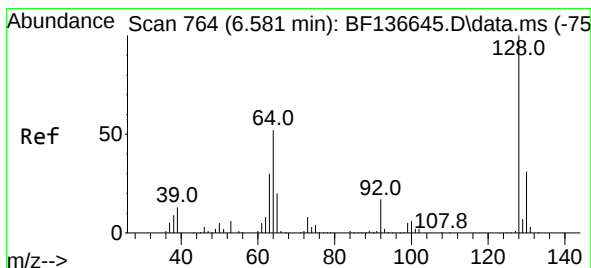
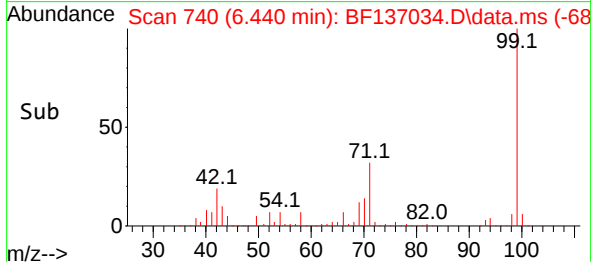
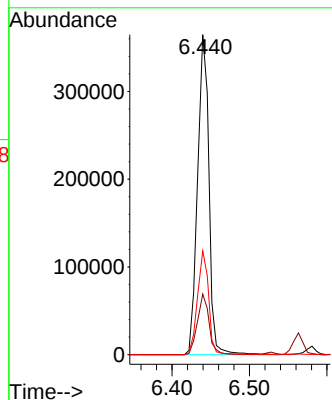
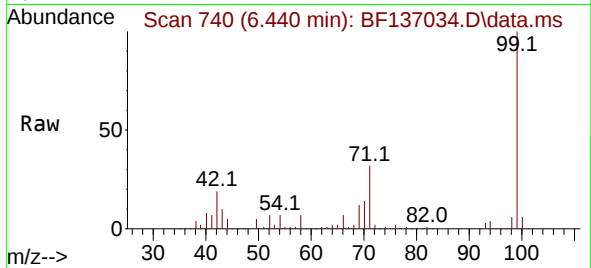




#7
Phenol-d6
Concen: 78.989 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

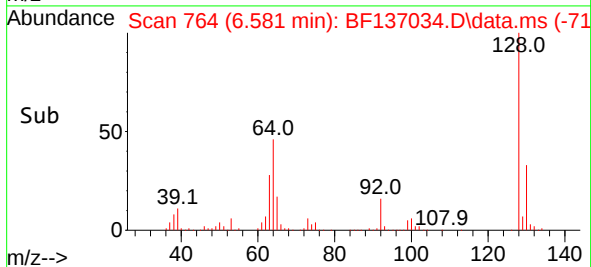
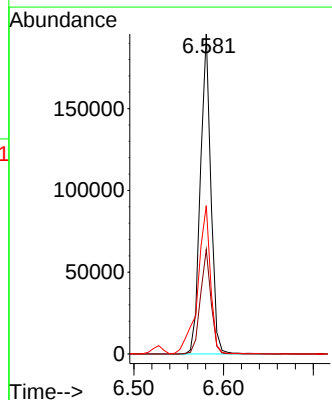
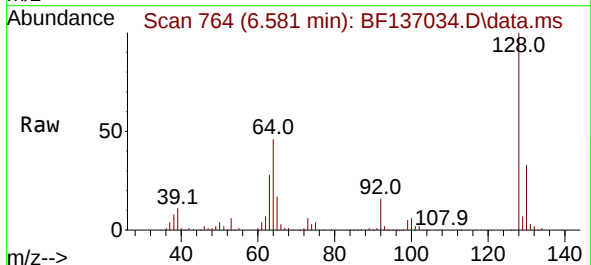
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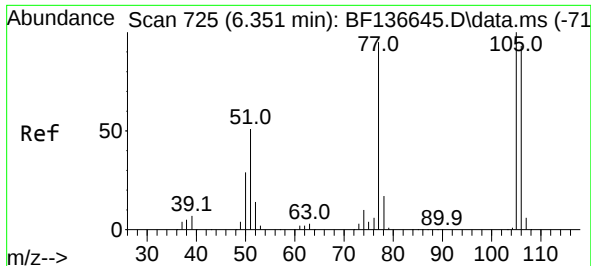
Tgt Ion: 99 Resp: 371631
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.4 27.4 41.2



#8
2-Chlorophenol
Concen: 40.014 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion: 128 Resp: 158994
Ion Ratio Lower Upper
128 100
130 32.7 11.3 51.3
64 46.4 32.5 72.5





#9

Benzaldehyde

Concen: 38.155 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

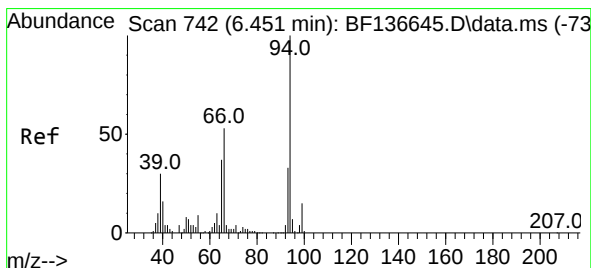
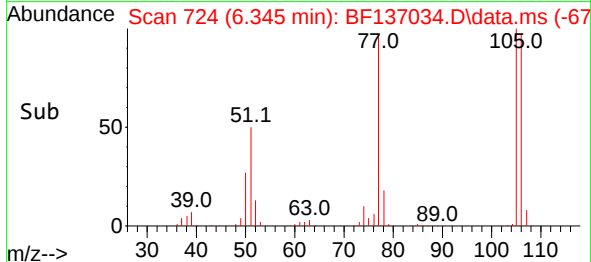
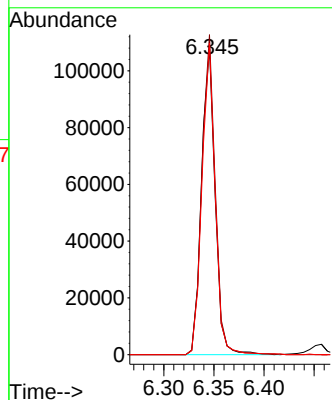
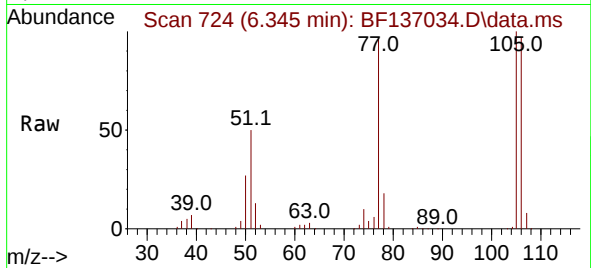
Tgt Ion: 77 Resp: 102107

Ion Ratio Lower Upper

77 100

105 104.4 84.8 124.8

106 101.6 77.8 117.8



#10

Phenol

Concen: 39.439 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

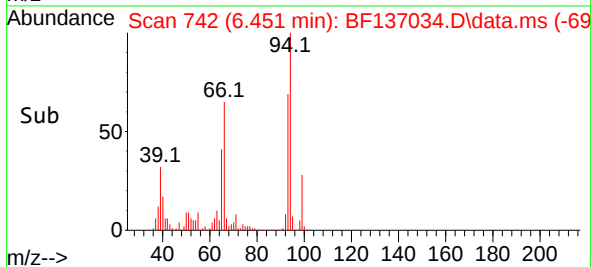
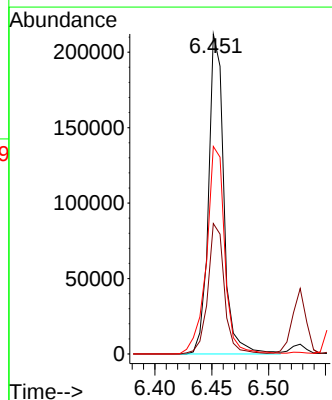
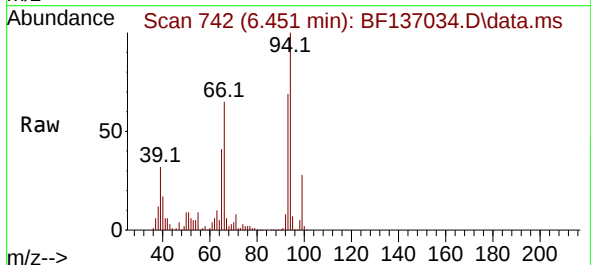
Tgt Ion: 94 Resp: 198079

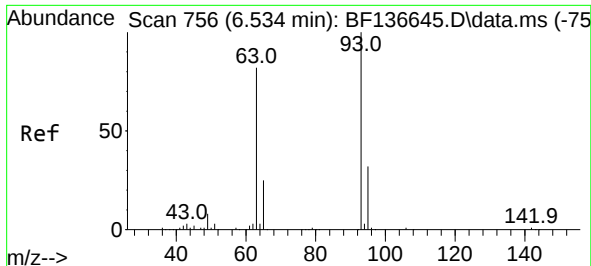
Ion Ratio Lower Upper

94 100

65 40.7 16.6 56.6

66 64.9 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 38.628 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

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Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

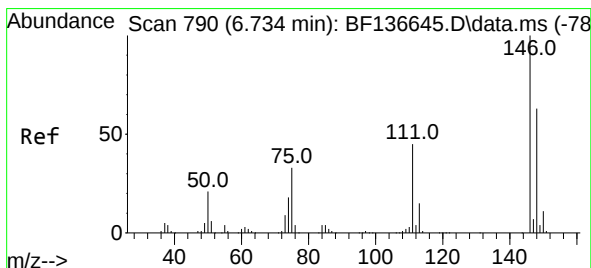
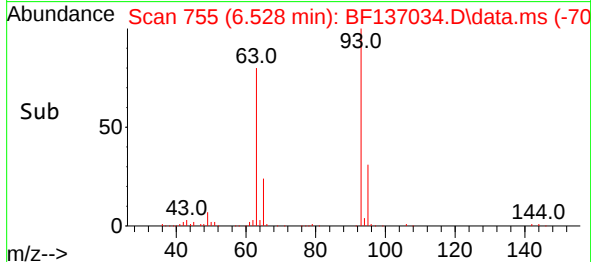
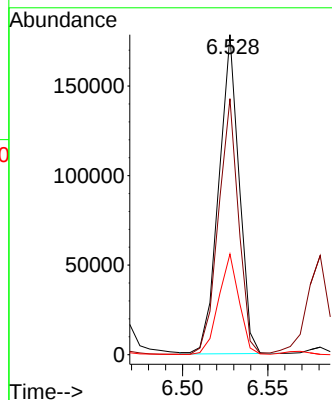
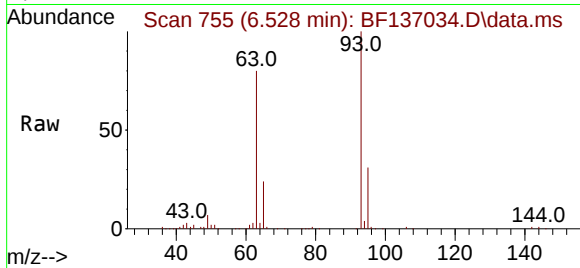
Tgt Ion: 93 Resp: 147540

Ion Ratio Lower Upper

93 100

63 80.0 61.2 101.2

95 31.5 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 40.643 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

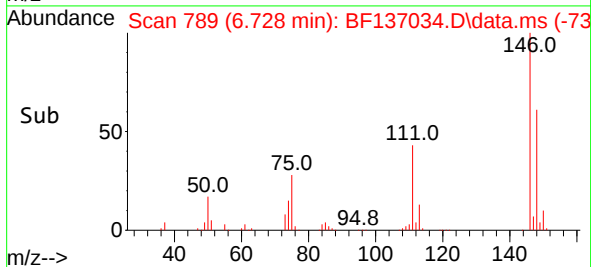
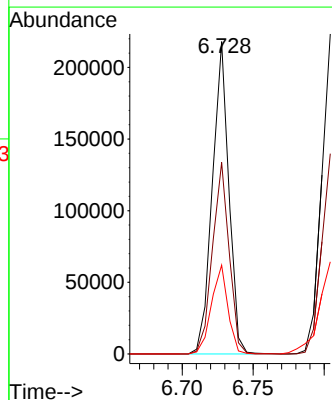
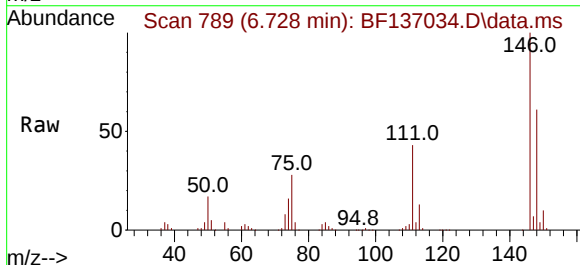
Tgt Ion: 146 Resp: 176172

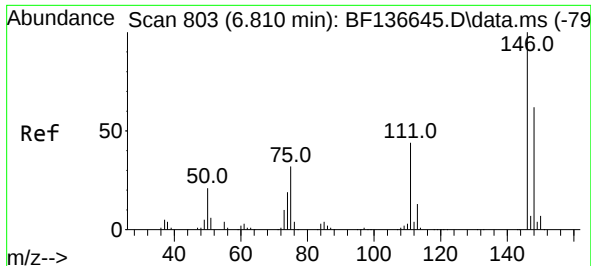
Ion Ratio Lower Upper

146 100

148 61.3 50.5 75.7

75 28.4 26.2 39.4

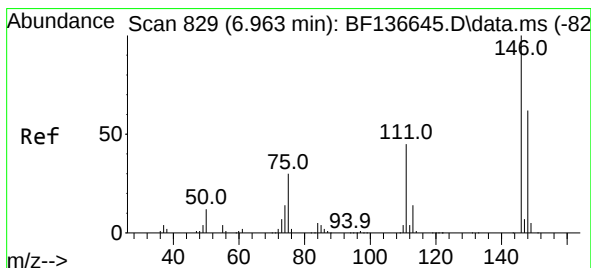
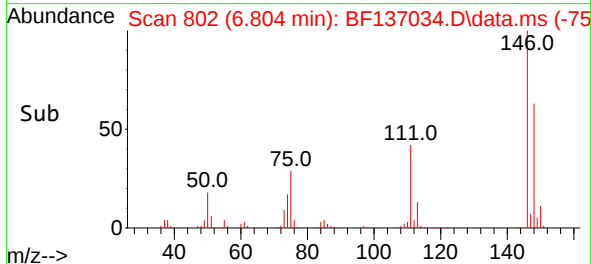
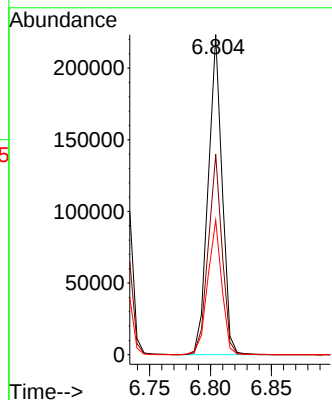
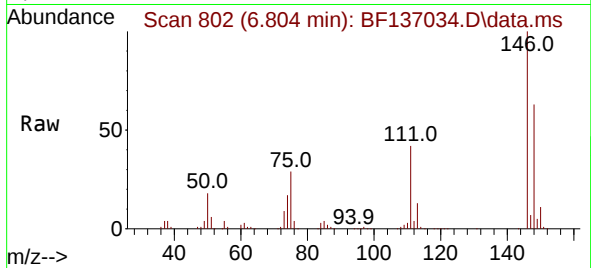




#13
1,4-Dichlorobenzene
Concen: 40.111 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

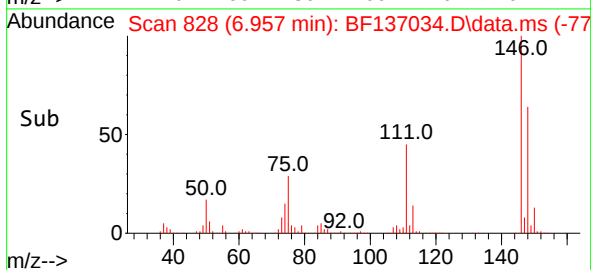
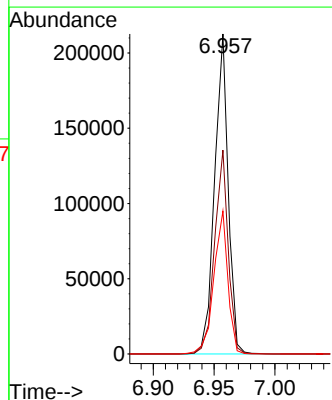
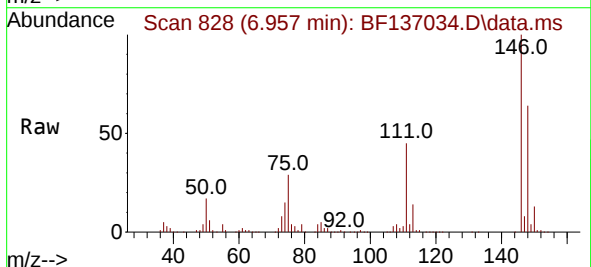
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 177650
Ion Ratio Lower Upper
146 100
148 62.6 49.2 73.8
111 42.0 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 40.166 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:146 Resp: 165534
Ion Ratio Lower Upper
146 100
148 63.7 49.6 74.4
111 44.7 36.2 54.2

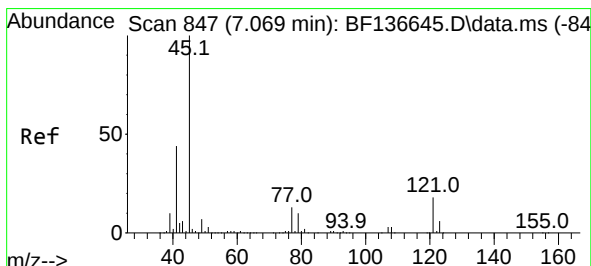
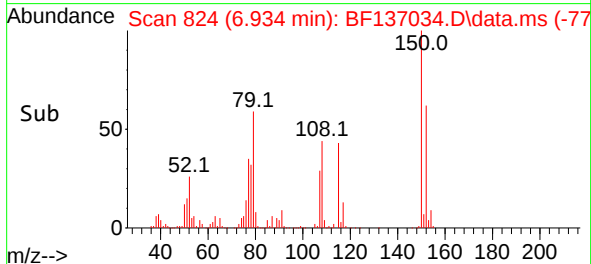
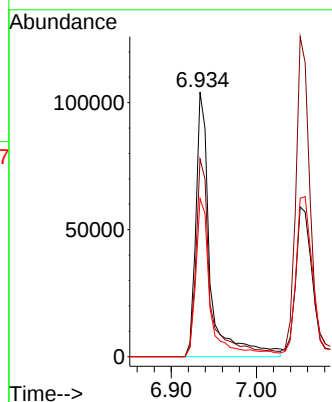
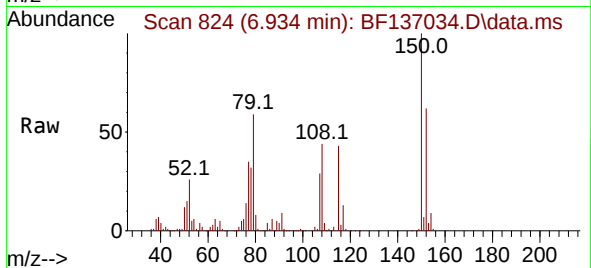




#15
Benzyl Alcohol
Concen: 38.383 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

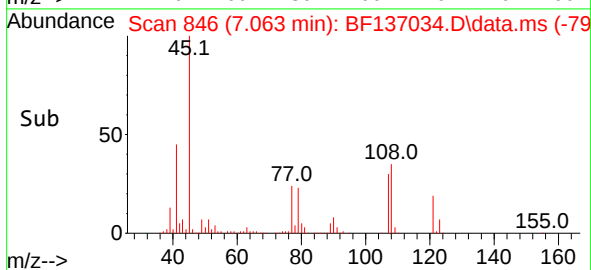
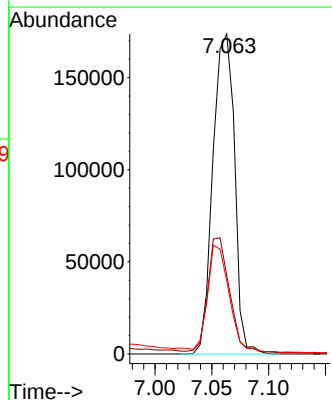
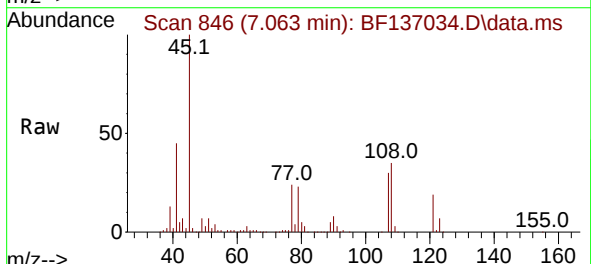
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

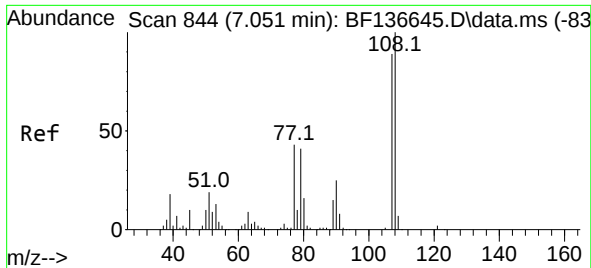
Tgt Ion: 79 Resp: 121831
Ion Ratio Lower Upper
79 100
108 74.7 61.0 91.6
77 59.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.913 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion: 45 Resp: 230507
Ion Ratio Lower Upper
45 100
77 24.4 0.0 34.3
79 22.8 0.0 31.4

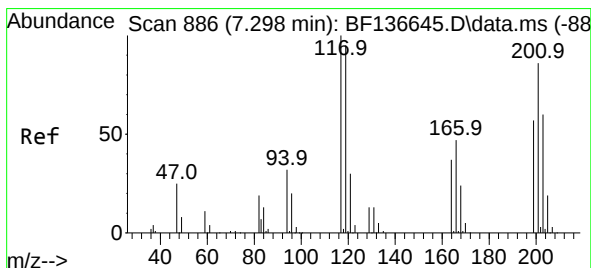
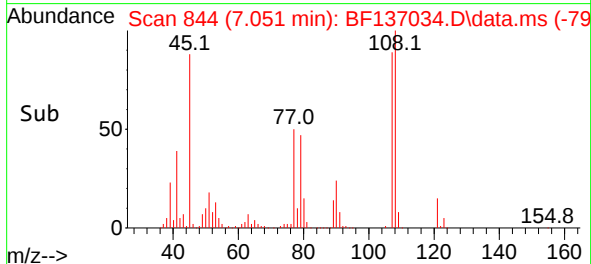
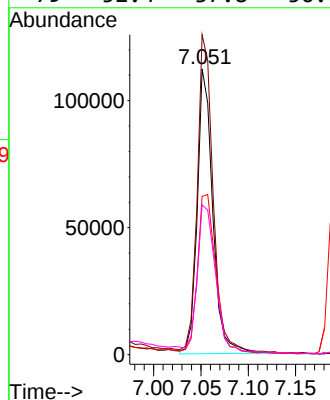
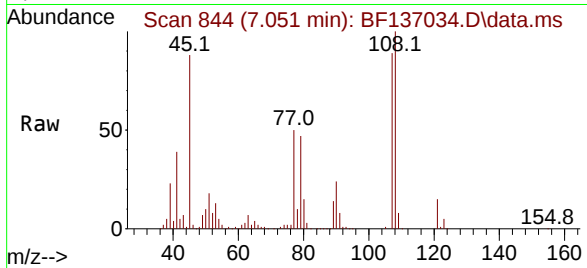




#17
2-Methylphenol
Concen: 38.796 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

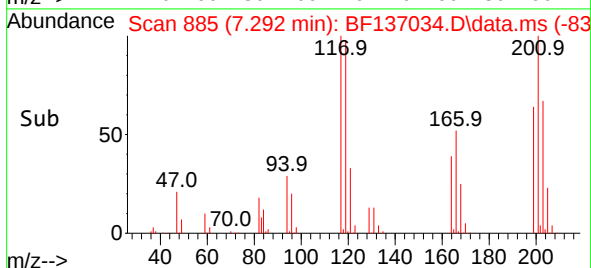
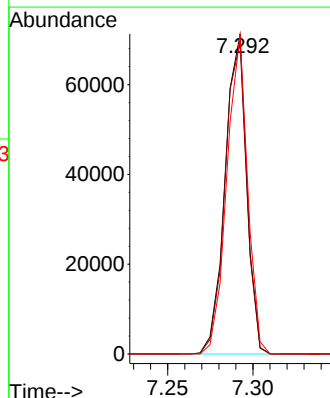
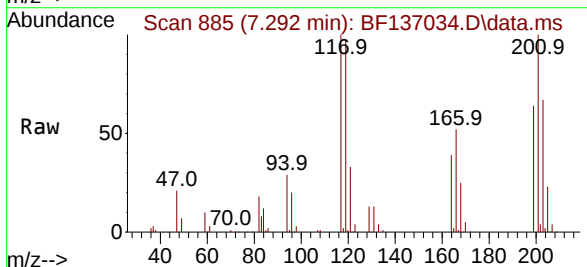
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 127707
Ion Ratio Lower Upper
107 100
108 112.0 90.3 135.5
77 55.5 38.7 58.1
79 52.4 37.8 56.6



#18
Hexachloroethane
Concen: 39.102 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:117 Resp: 62895
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
201 100.2 69.1 103.7



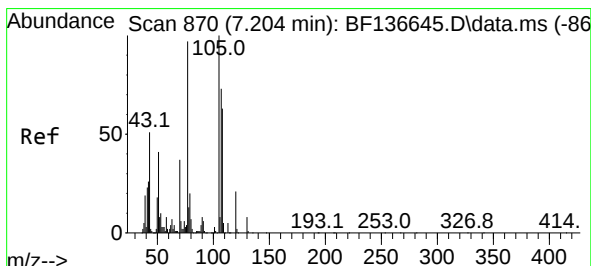
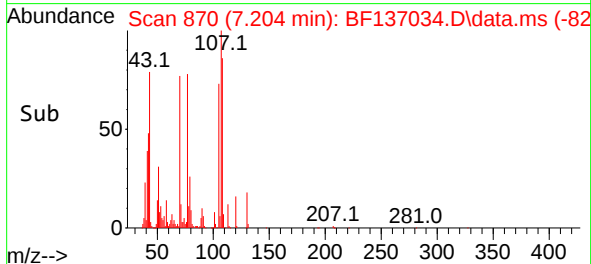
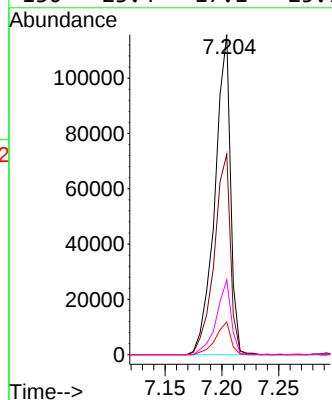
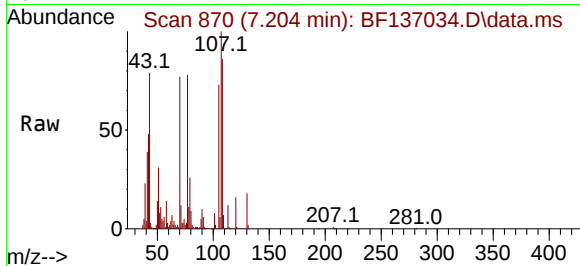


#19
n-Nitroso-di-n-propylamine
Concen: 38.955 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 111100

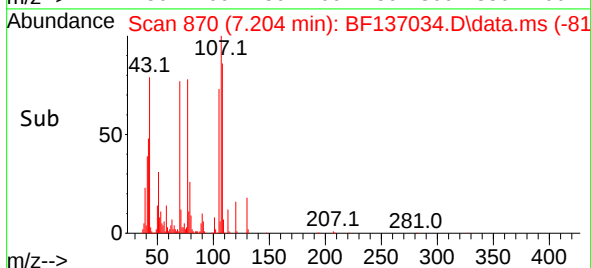
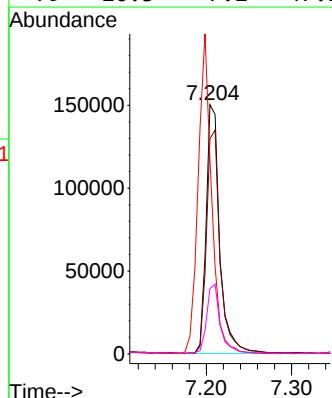
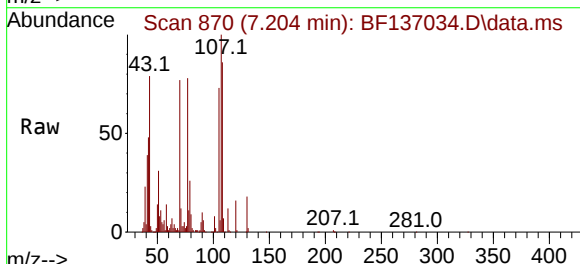
Ion	Ratio	Lower	Upper
70	100		
42	62.6	54.2	81.4
101	10.2	7.6	11.4
130	23.4	17.1	25.7

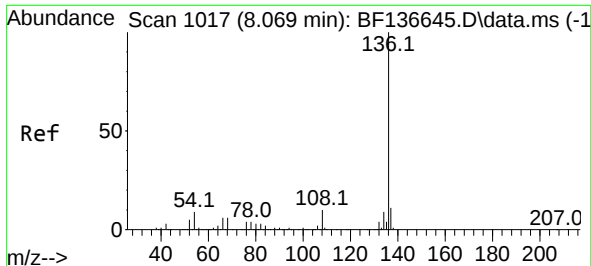


#20
3+4-Methylphenols
Concen: 40.350 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion: 107 Resp: 165935

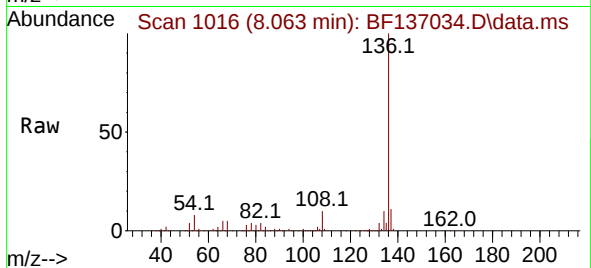
Ion	Ratio	Lower	Upper
107	100		
108	86.4	66.0	106.0
77	77.9	114.2	154.2#
79	26.3	7.2	47.2



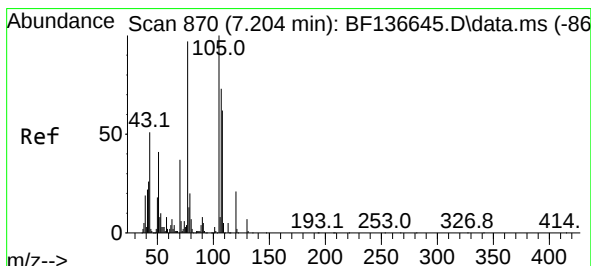
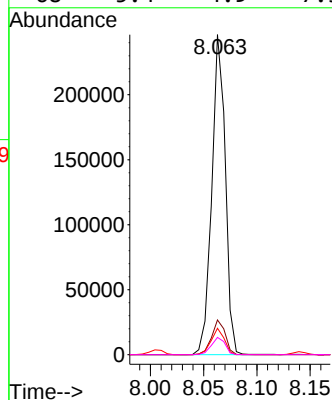
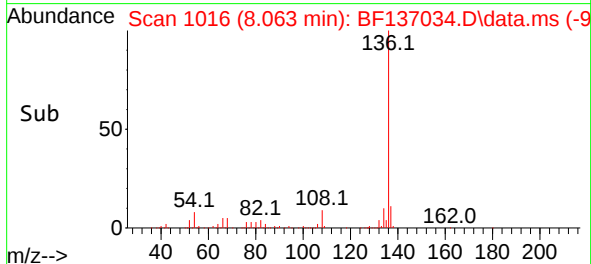


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

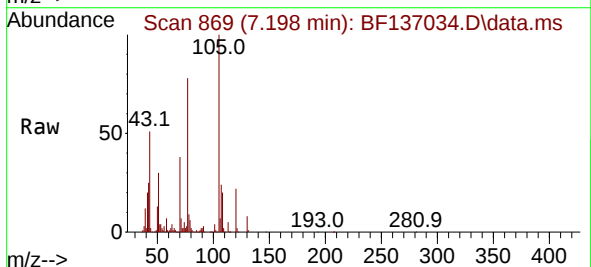
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



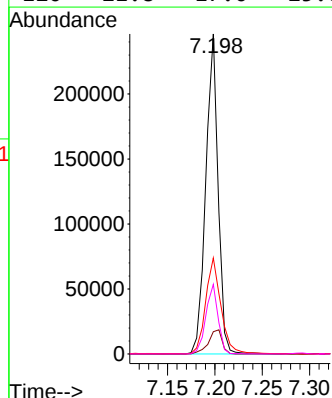
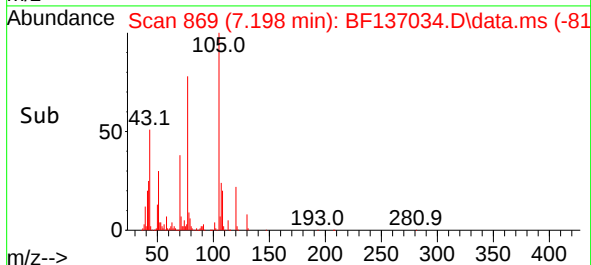
Tgt Ion:	136	Resp:	217209
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.2	7.2	10.8
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 40.834 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42



Tgt Ion:	105	Resp:	222311
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.8	7.2
51	30.0	32.8	49.2
120	21.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 80.377 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

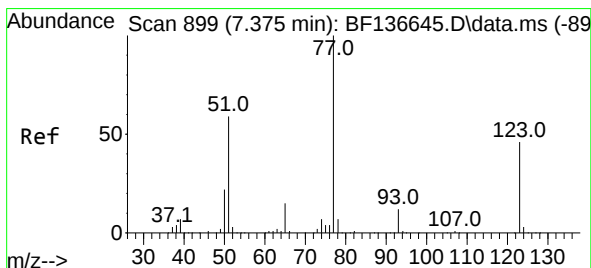
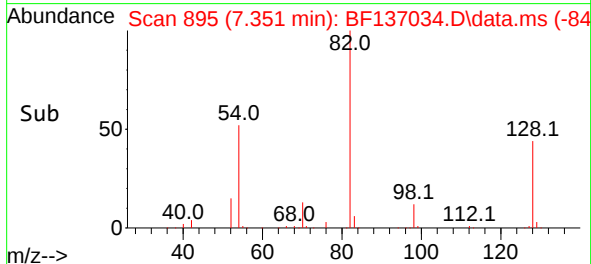
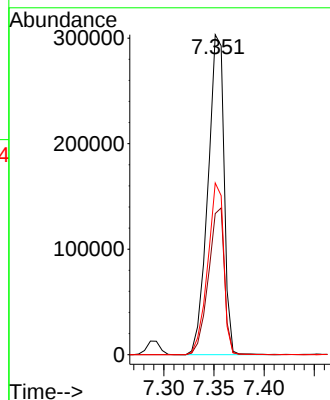
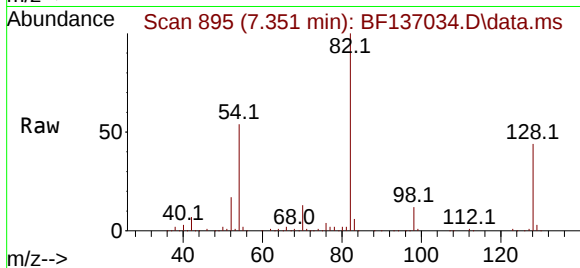
Tgt Ion: 82 Resp: 341183

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

54 53.6 44.5 66.7



#24

Nitrobenzene

Concen: 39.948 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

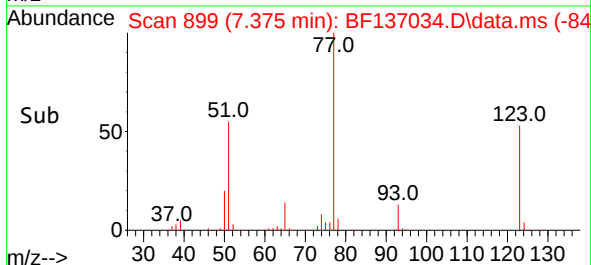
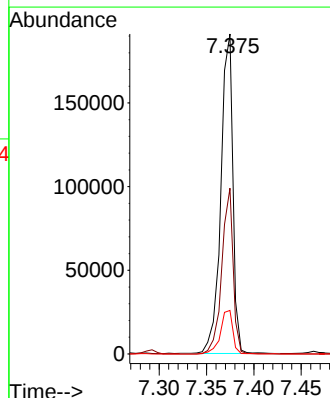
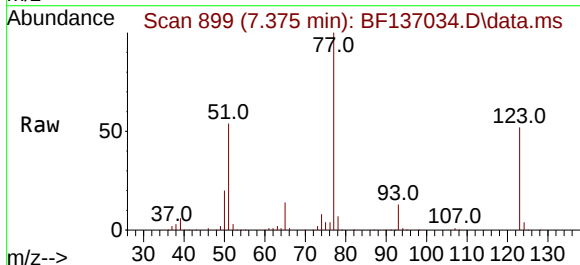
Tgt Ion: 77 Resp: 169865

Ion Ratio Lower Upper

77 100

123 51.8 36.7 55.1

65 13.6 11.8 17.6

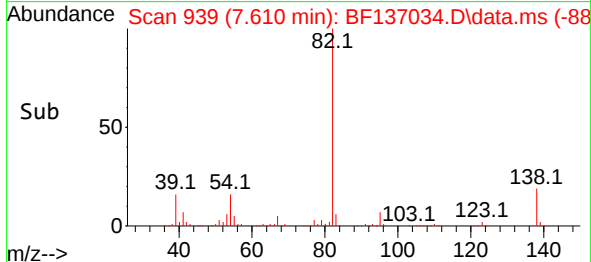
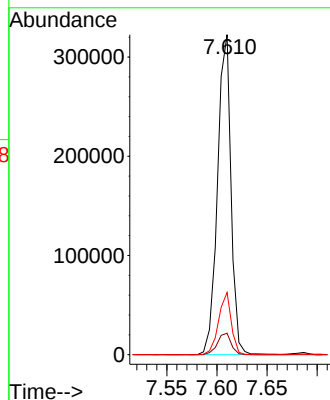
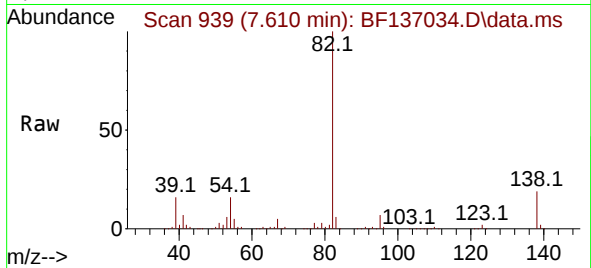




#25
Isophorone
Concen: 38.997 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

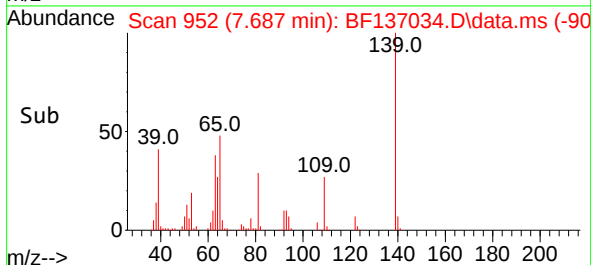
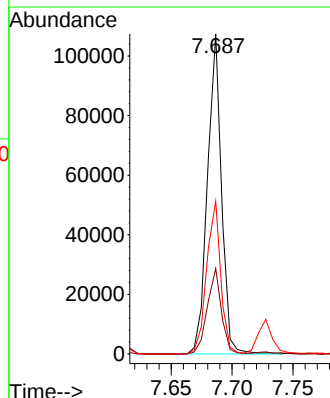
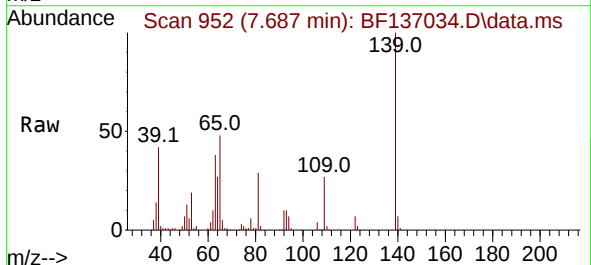
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

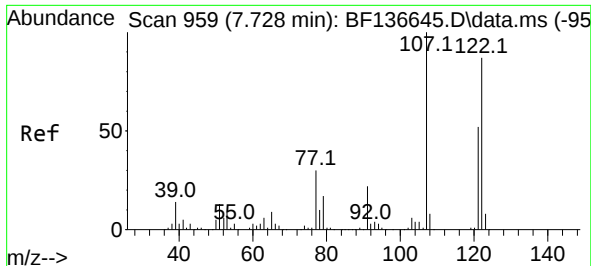
Tgt Ion: 82 Resp: 301202
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.5 14.5 21.7



#26
2-Nitrophenol
Concen: 42.207 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:139 Resp: 85867
Ion Ratio Lower Upper
139 100
109 26.7 21.9 32.9
65 47.7 38.6 58.0

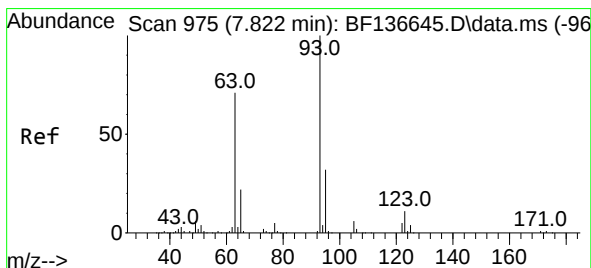
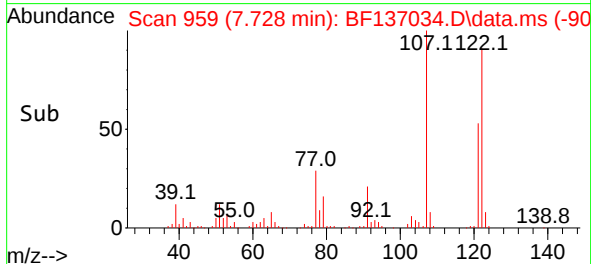
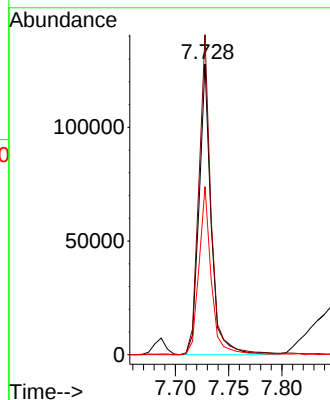
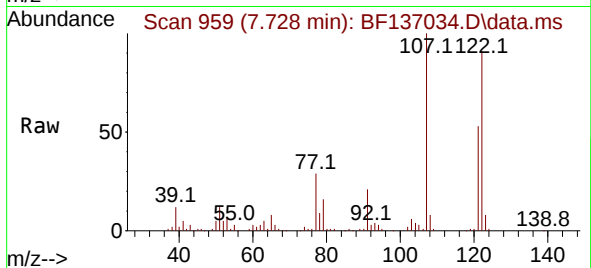




#27
2,4-Dimethylphenol
Concen: 41.068 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

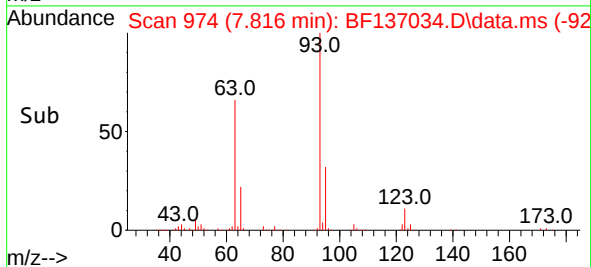
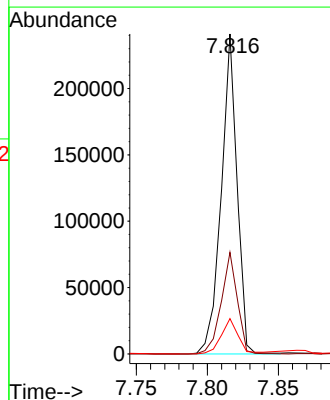
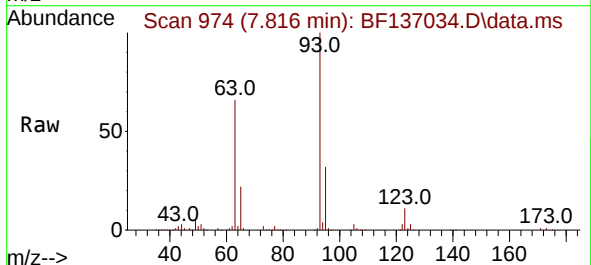
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 101716
Ion Ratio Lower Upper
122 100
107 110.1 92.0 138.0
121 57.9 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.719 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion: 93 Resp: 186478
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.401 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

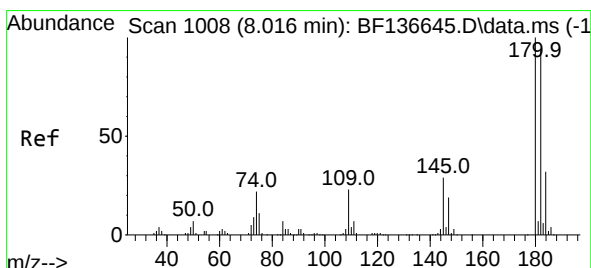
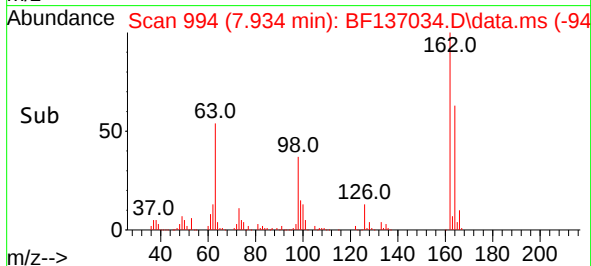
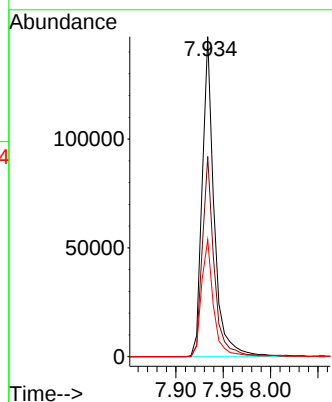
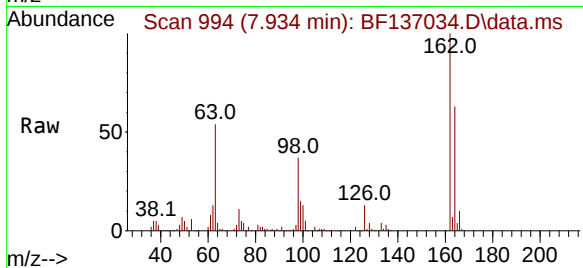
Tgt Ion:162 Resp: 128825

Ion Ratio Lower Upper

162 100

164 62.6 41.7 81.7

98 36.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.006 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

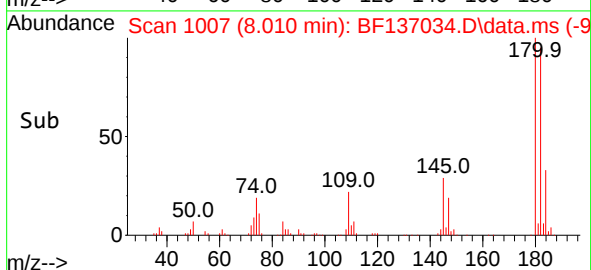
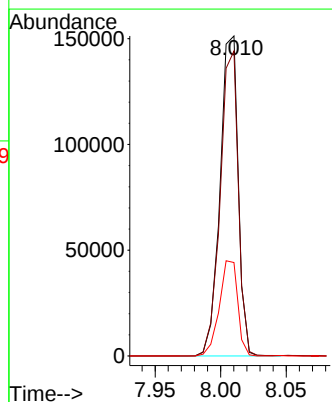
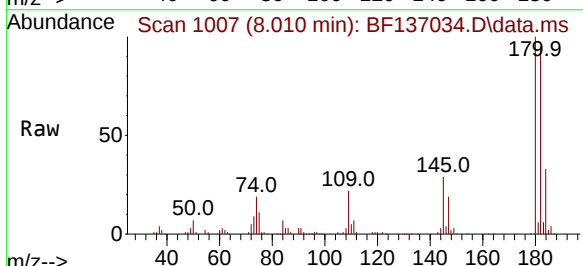
Tgt Ion:180 Resp: 145682

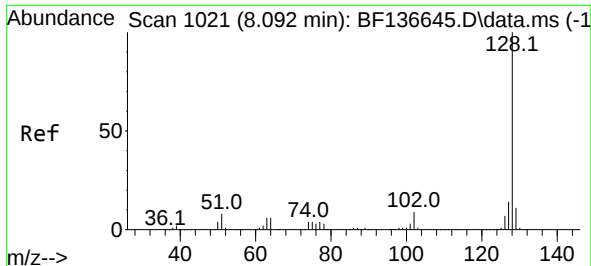
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

145 29.2 23.1 34.7

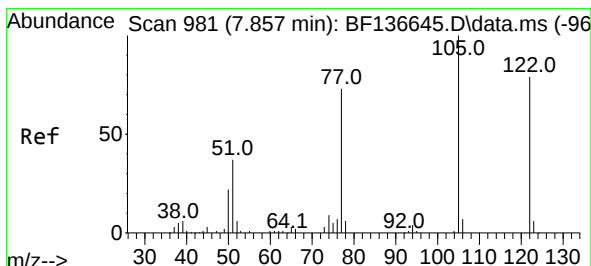
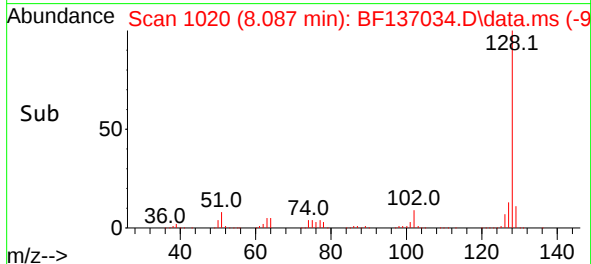
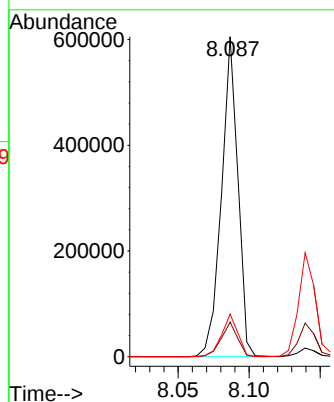
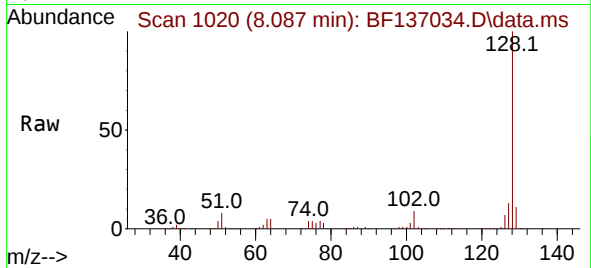




#31
Naphthalene
Concen: 40.692 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

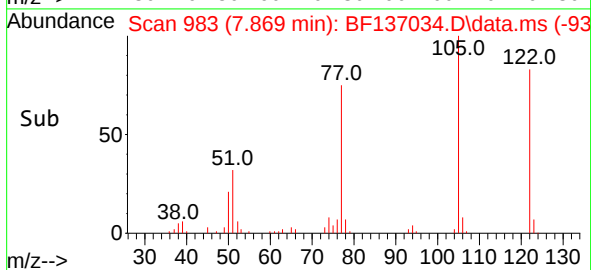
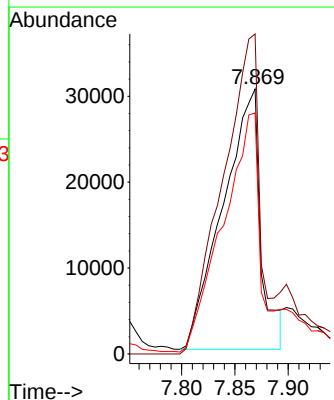
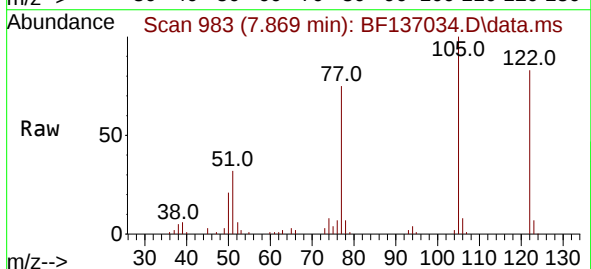
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

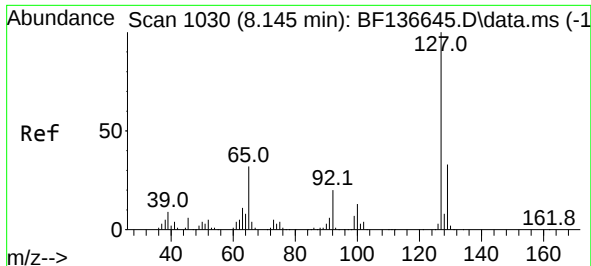
Tgt Ion:128 Resp: 485574
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 31.164 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:122 Resp: 74684
Ion Ratio Lower Upper
122 100
105 120.8 100.8 140.8
77 91.0 70.9 110.9

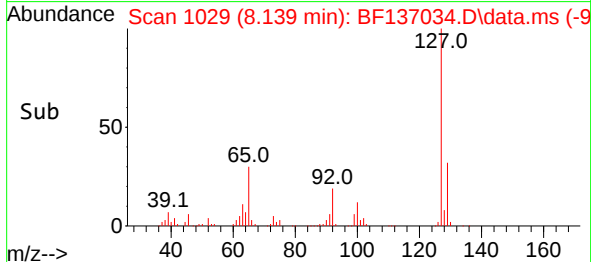
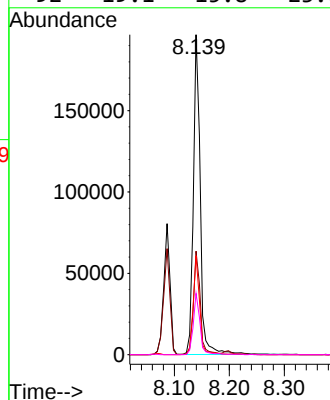
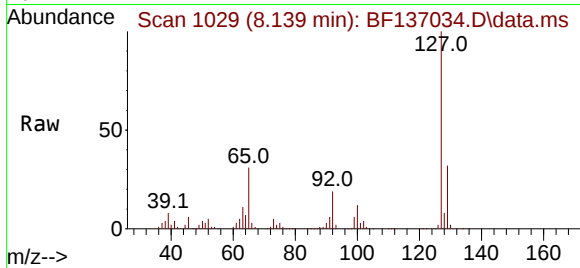




#33
4-Chloroaniline
Concen: 38.758 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

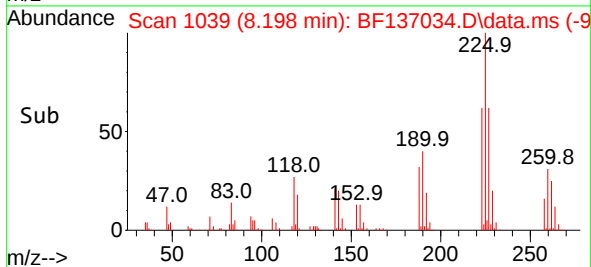
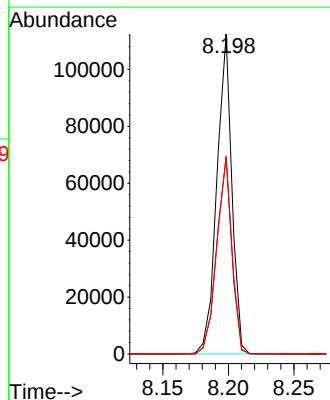
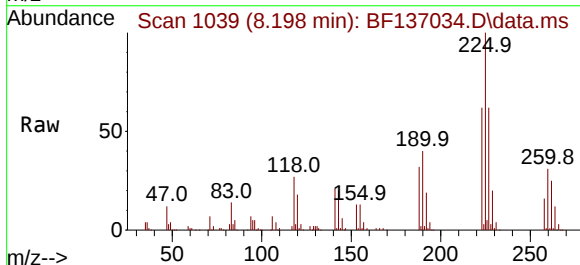
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

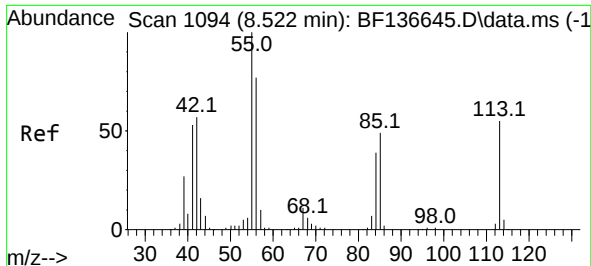
Tgt Ion:	127	Resp:	170763
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	31.0	25.8	38.8
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 41.236 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:	225	Resp:	89008
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	61.7	51.9	77.9

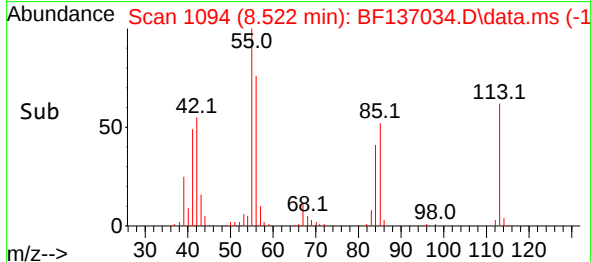
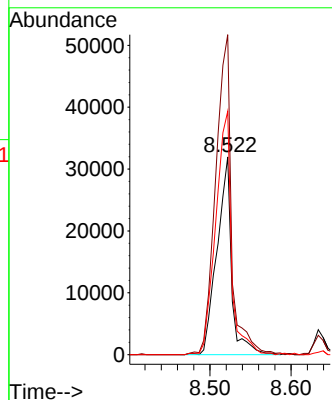
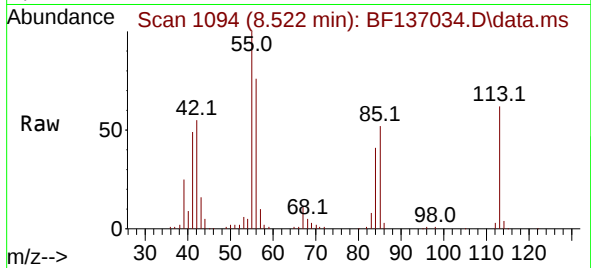




#35
 Caprolactam
 Concen: 38.272 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF137034.D
 Acq: 11 Jan 2024 12:42

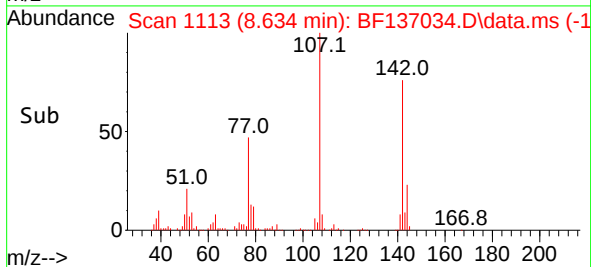
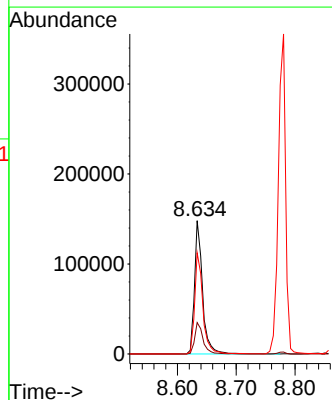
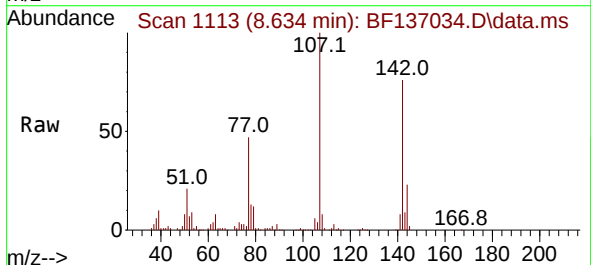
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

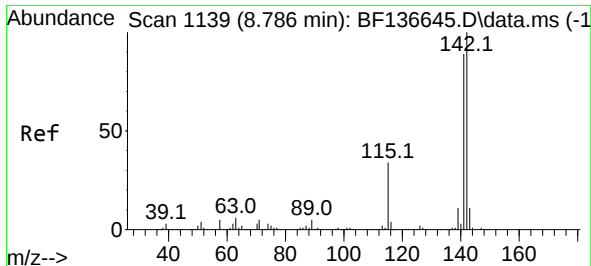
Tgt Ion:113 Resp: 40259
 Ion Ratio Lower Upper
 113 100
 55 161.9 163.1 203.1#
 56 123.1 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.376 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF137034.D
 Acq: 11 Jan 2024 12:42

Tgt Ion:107 Resp: 141348
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.2 30.2
 142 75.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.004 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

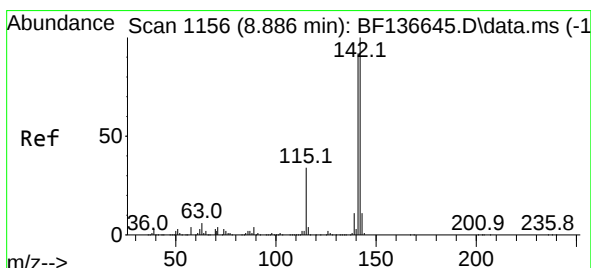
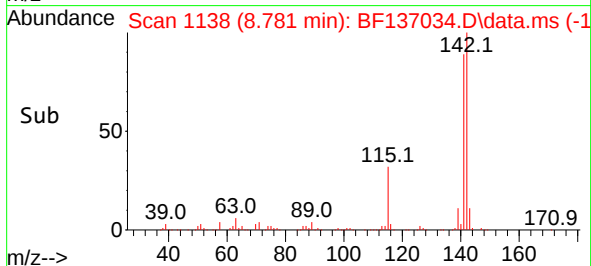
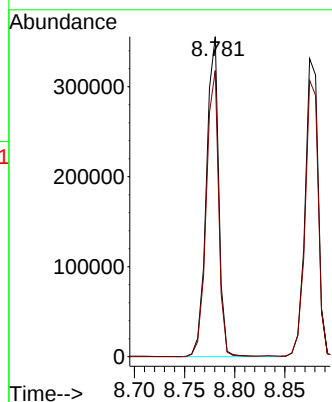
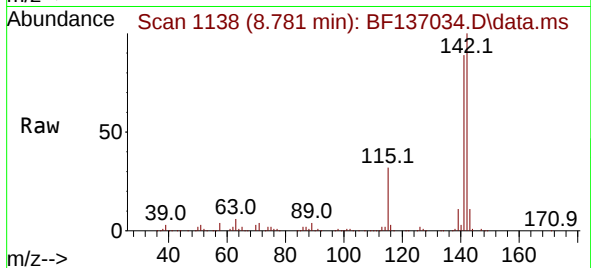
SSTDCCC040

Tgt Ion:142 Resp: 307216

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 39.895 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF137034.D

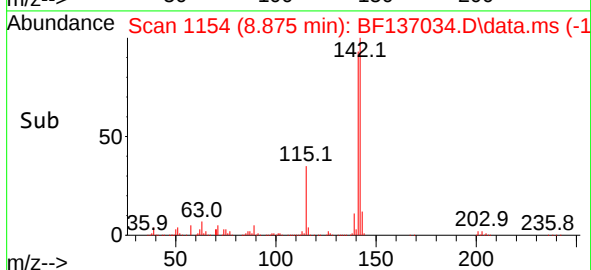
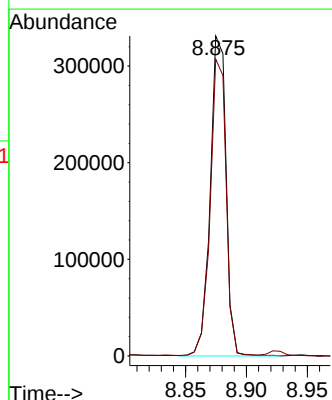
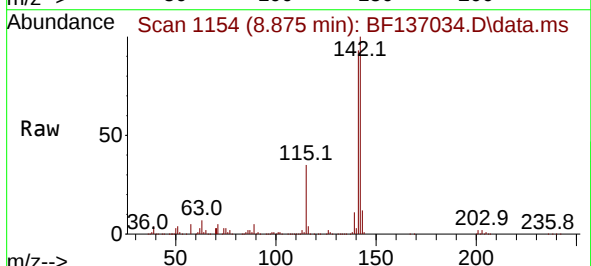
Acq: 11 Jan 2024 12:42

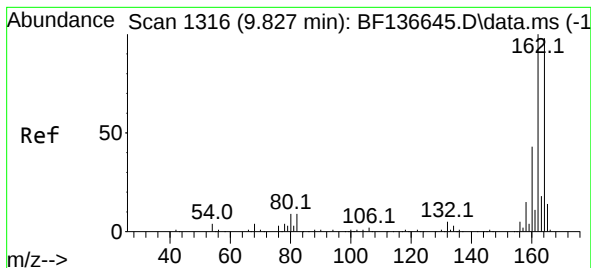
Tgt Ion:142 Resp: 300582

Ion Ratio Lower Upper

142 100

141 92.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

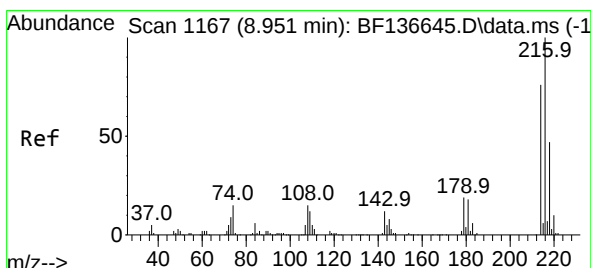
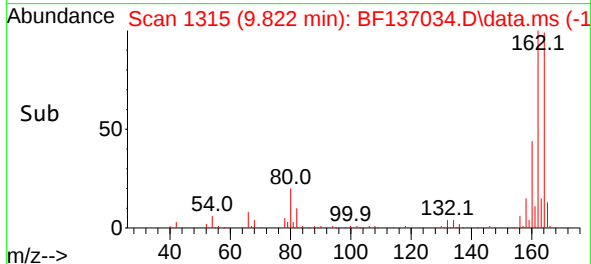
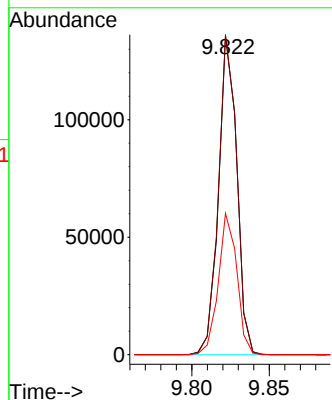
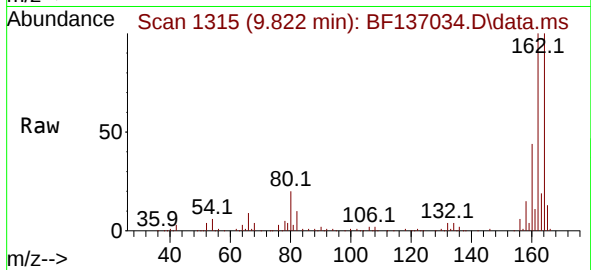
Tgt Ion:164 Resp: 111232

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 44.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.785 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Tgt Ion:216 Resp: 143941

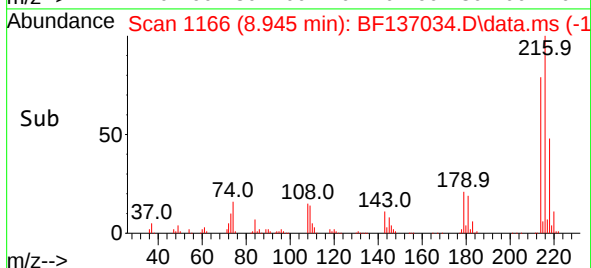
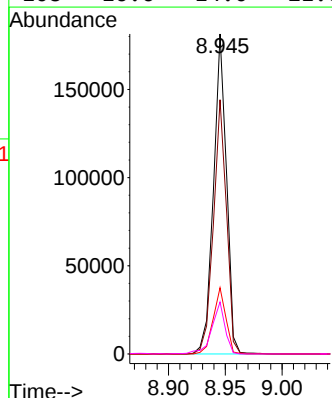
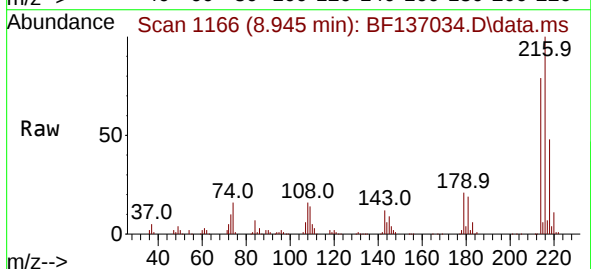
Ion Ratio Lower Upper

216 100

214 79.5 62.3 93.5

179 20.3 16.4 24.6

108 16.6 14.0 21.0

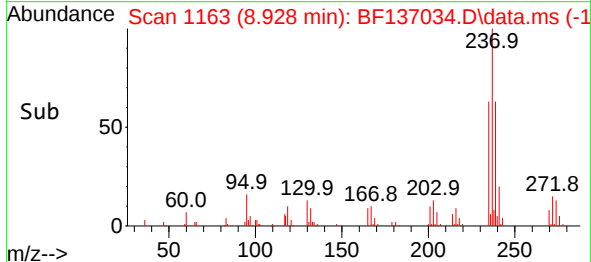
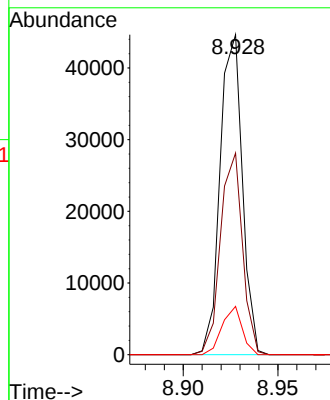
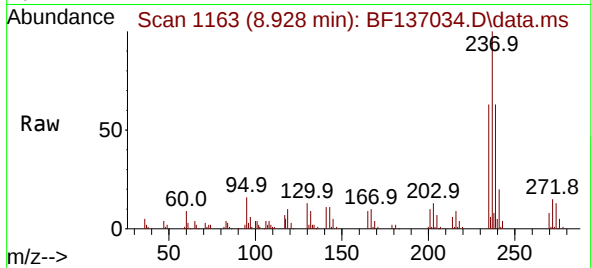




#41
Hexachlorocyclopentadiene
Concen: 36.143 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

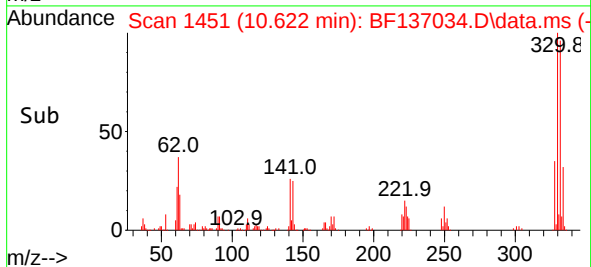
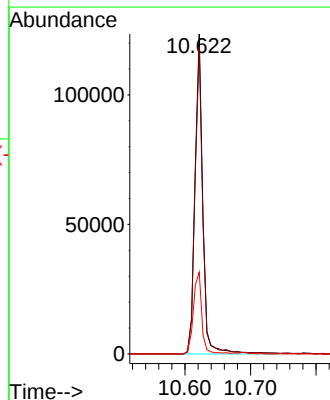
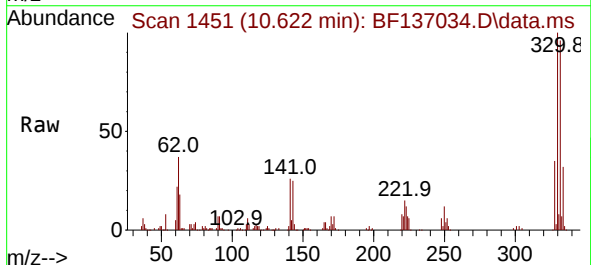
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 36556
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 15.1 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 78.184 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:330 Resp: 102421
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.0
141 27.4 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.119 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

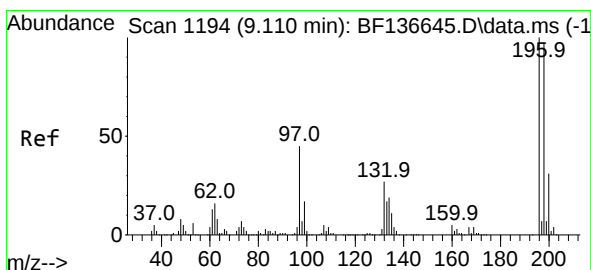
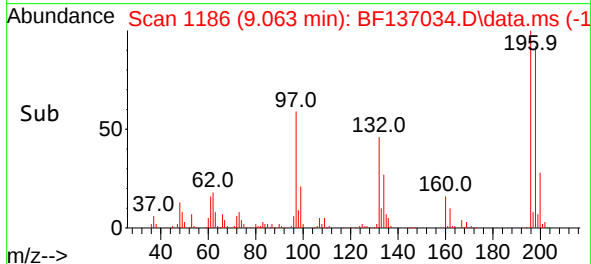
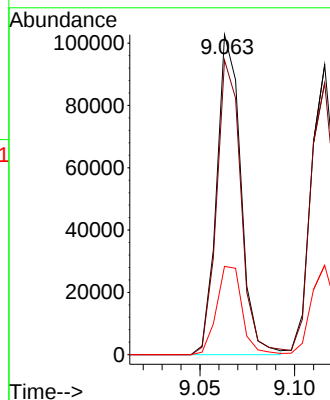
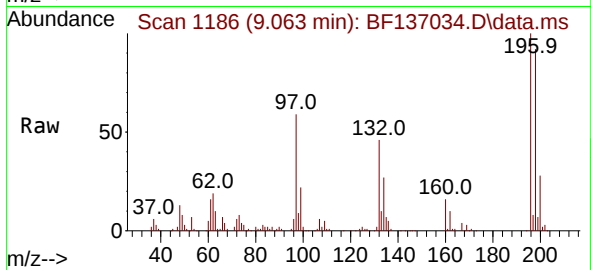
Tgt Ion:196 Resp: 90841

Ion Ratio Lower Upper

196 100

198 92.1 75.1 112.7

200 27.6 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 39.812 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Tgt Ion:196 Resp: 98011

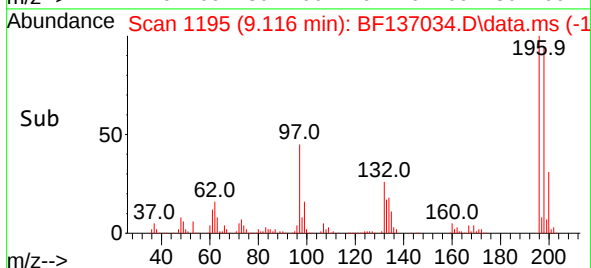
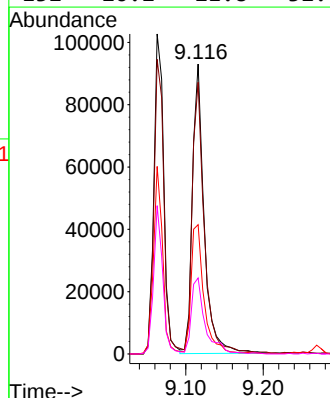
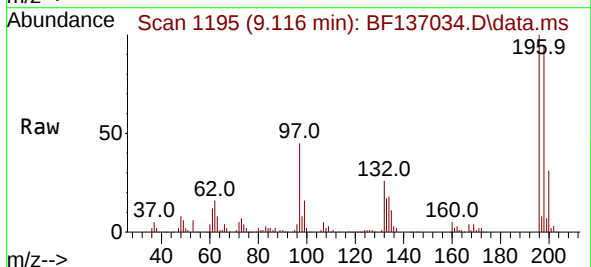
Ion Ratio Lower Upper

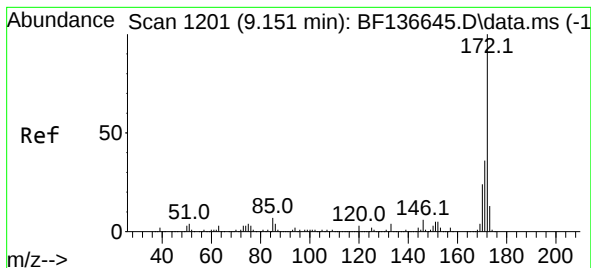
196 100

198 93.7 77.0 115.6

97 44.6 36.1 54.1

132 26.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 83.427 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

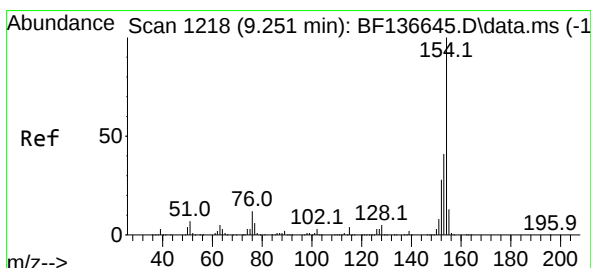
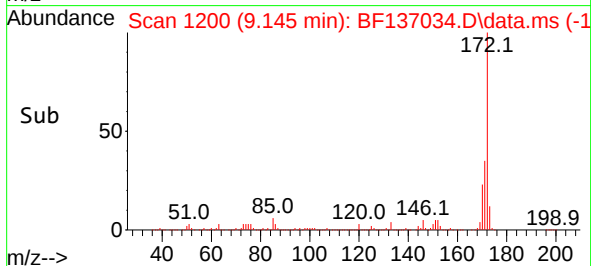
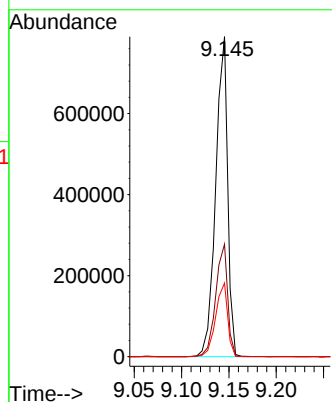
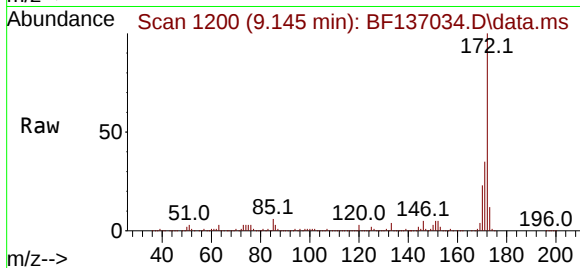
Tgt Ion:172 Resp: 689951

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

170 23.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.710 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

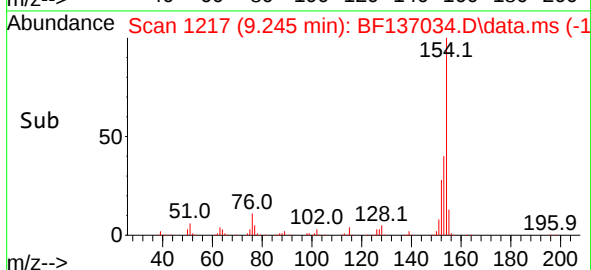
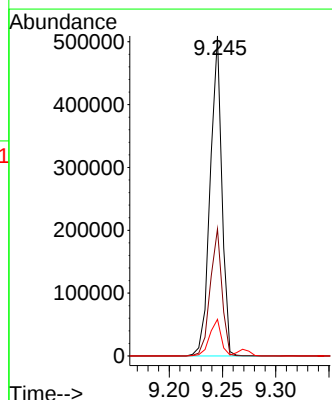
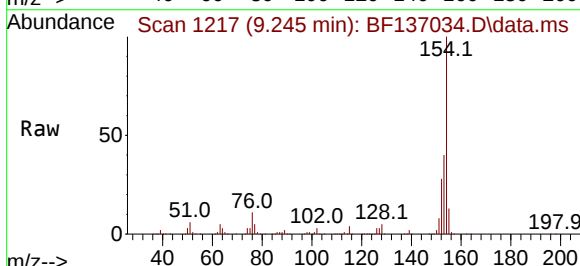
Tgt Ion:154 Resp: 389326

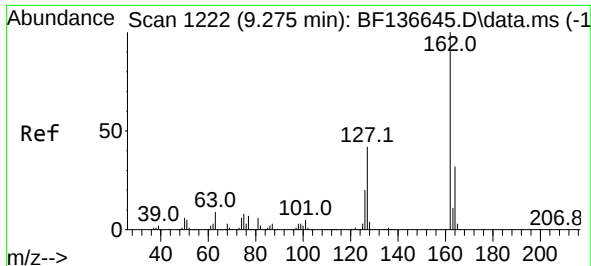
Ion Ratio Lower Upper

154 100

153 39.7 21.1 61.1

76 11.4 0.0 31.7

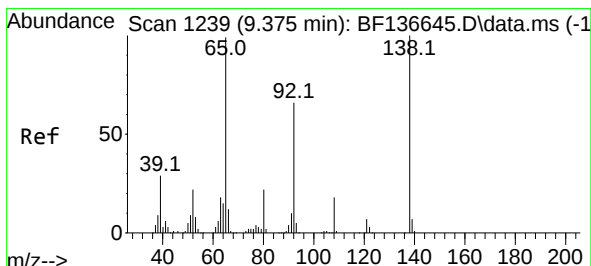
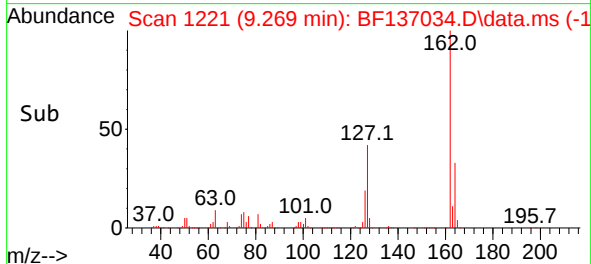
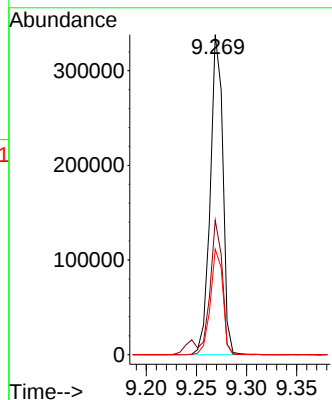
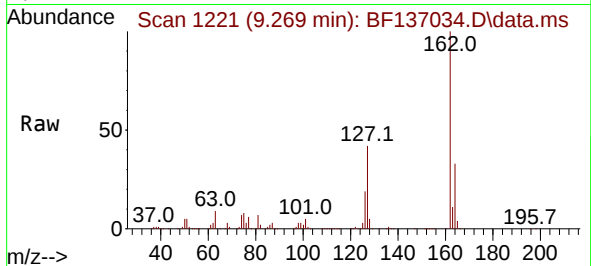




#47
2-Chloronaphthalene
Concen: 41.508 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

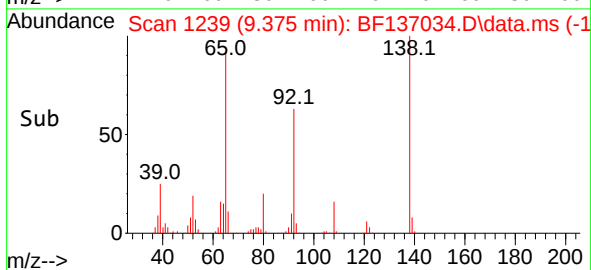
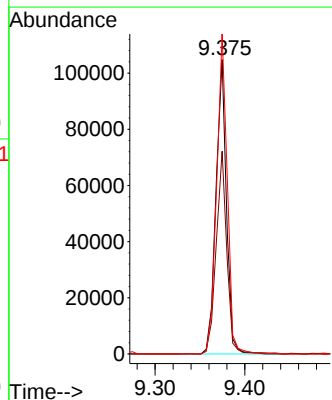
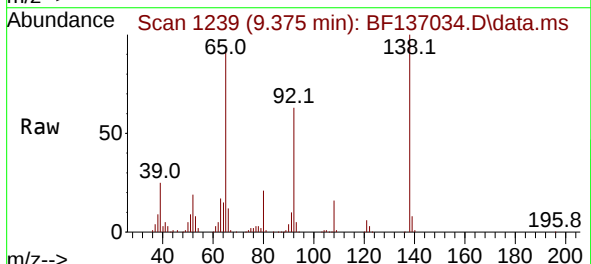
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

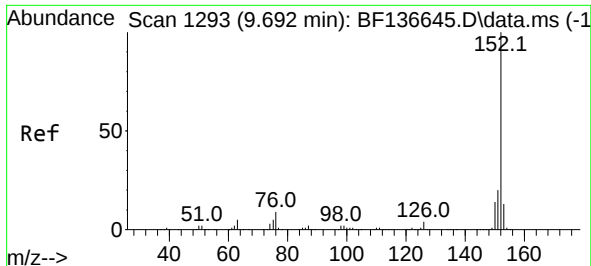
Tgt Ion:162 Resp: 294537
Ion Ratio Lower Upper
162 100
127 42.0 33.6 50.4
164 32.9 25.7 38.5



#48
2-Nitroaniline
Concen: 38.408 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion: 65 Resp: 85345
Ion Ratio Lower Upper
65 100
92 68.8 53.2 79.8
138 108.7 81.1 121.7





#49

Acenaphthylene

Concen: 40.154 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

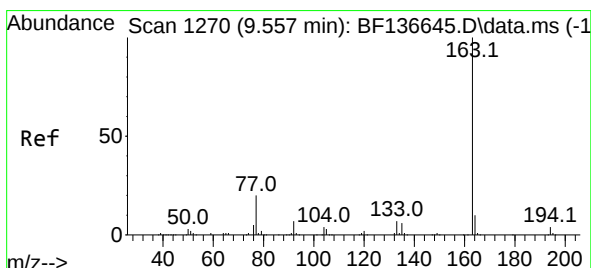
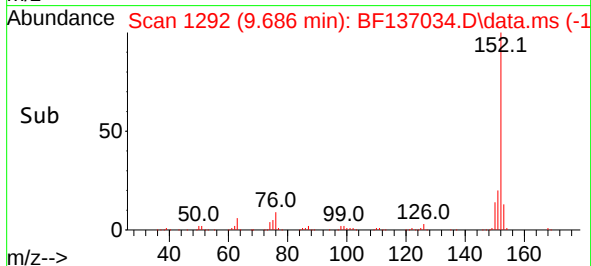
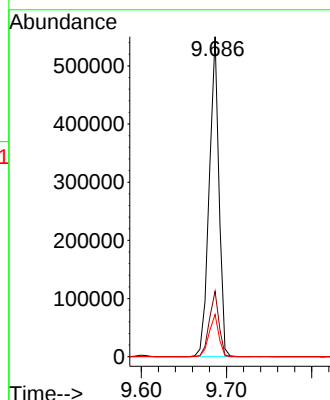
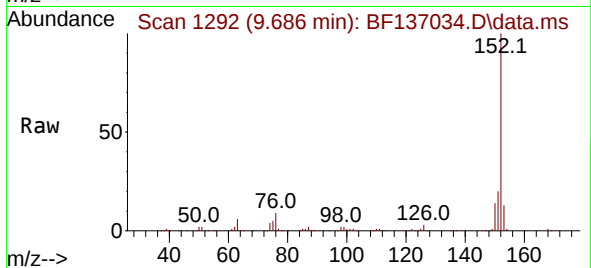
Tgt Ion:152 Resp: 435513

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 39.261 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

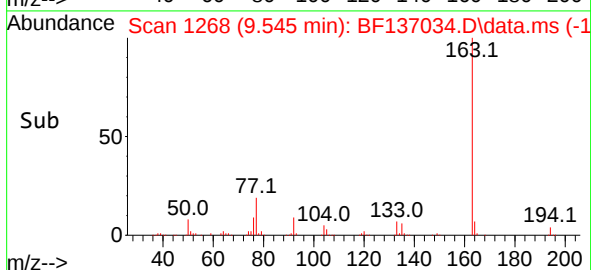
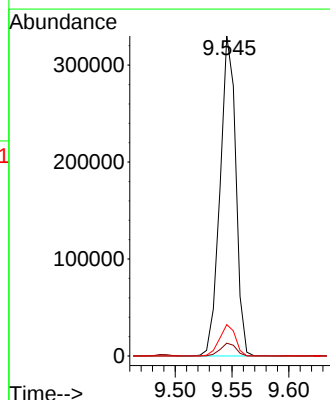
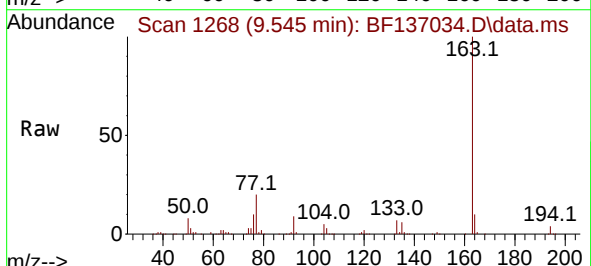
Tgt Ion:163 Resp: 318983

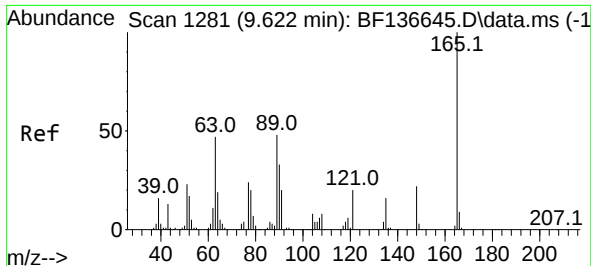
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.8 7.8 11.6

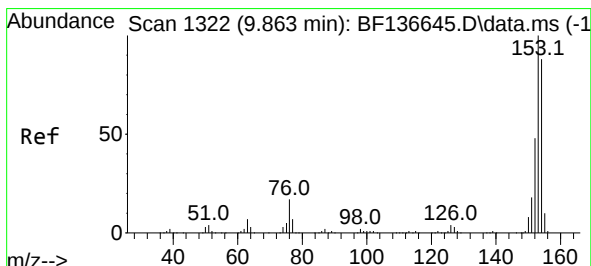
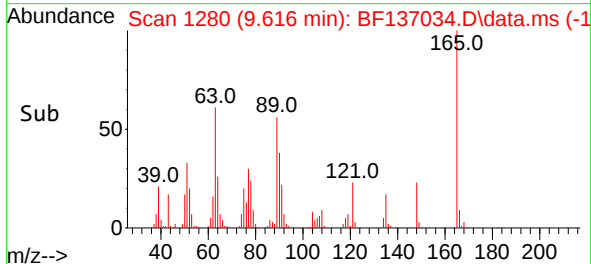
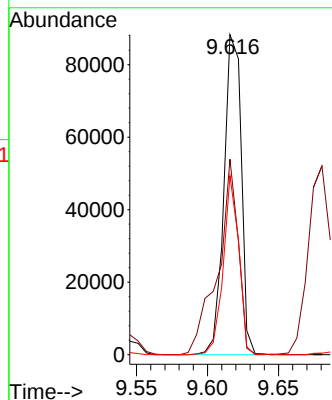
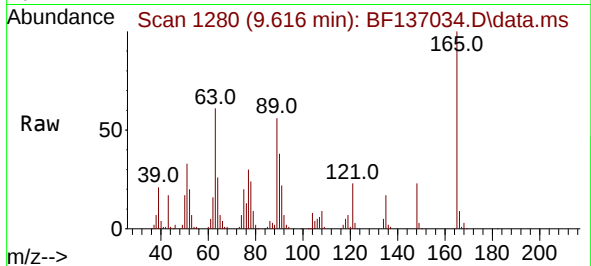




#51
2,6-Dinitrotoluene
Concen: 40.531 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

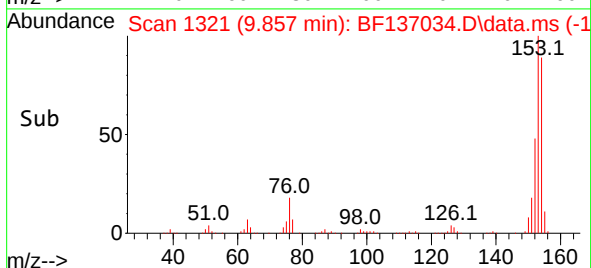
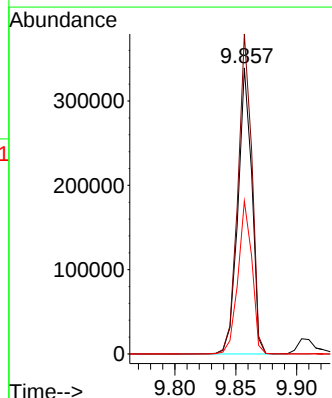
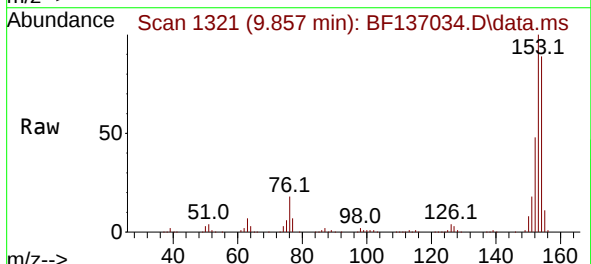
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

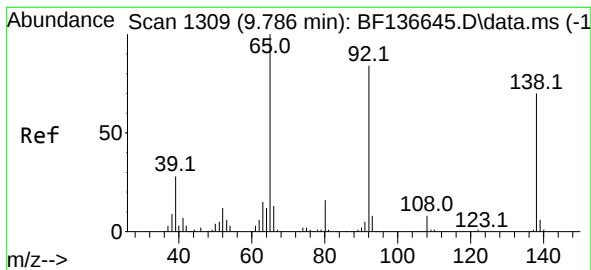
Tgt Ion:165 Resp: 74736
Ion Ratio Lower Upper
165 100
63 61.1 39.8 59.6#
89 56.0 38.8 58.2



#52
Acenaphthene
Concen: 40.144 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:154 Resp: 269898
Ion Ratio Lower Upper
154 100
153 111.8 90.7 136.1
152 53.4 43.7 65.5





#53

3-Nitroaniline

Concen: 38.781 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

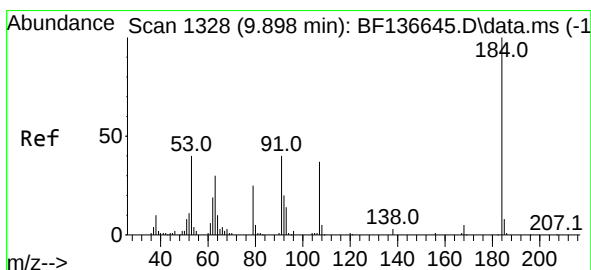
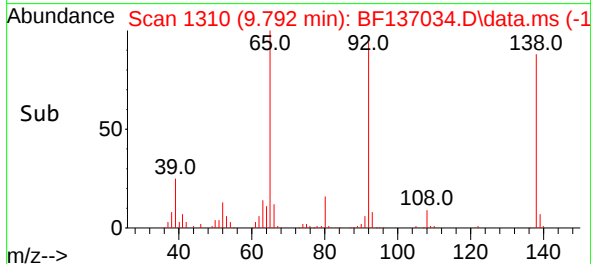
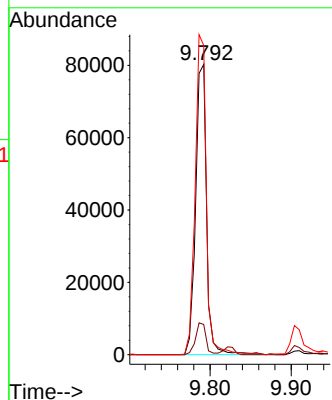
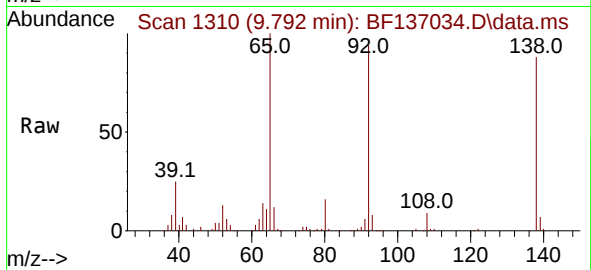
Tgt Ion:138 Resp: 75750

Ion Ratio Lower Upper

138 100

108 10.4 8.6 12.8

92 106.6 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 43.714 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

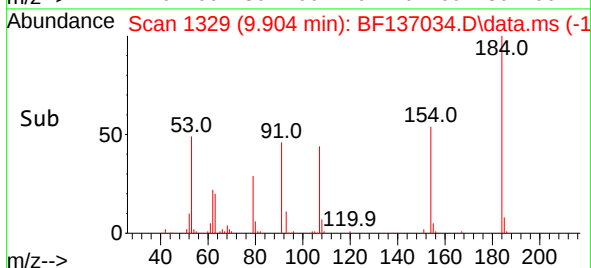
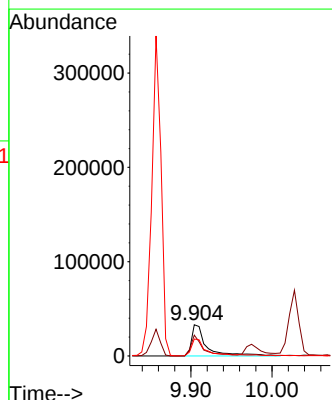
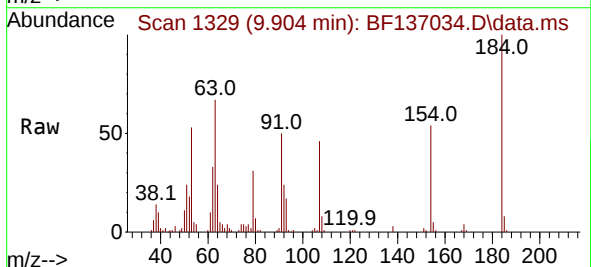
Tgt Ion:184 Resp: 42857

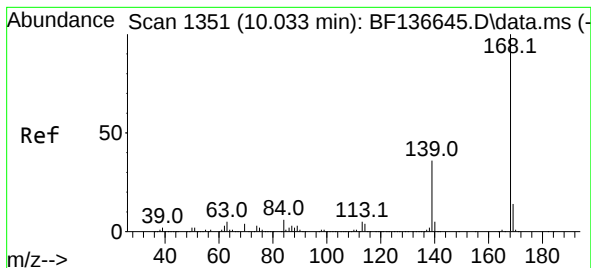
Ion Ratio Lower Upper

184 100

63 66.7 40.9 61.3#

154 54.3 42.7 64.1





#55

Dibenzenofuran

Concen: 39.936 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

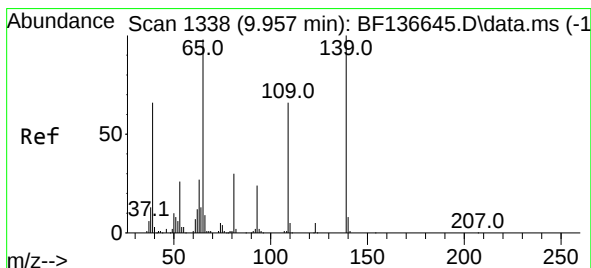
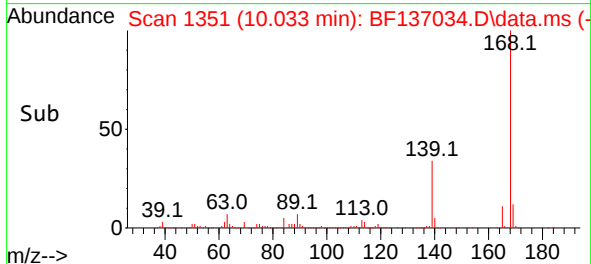
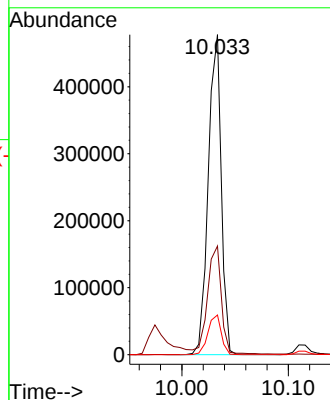
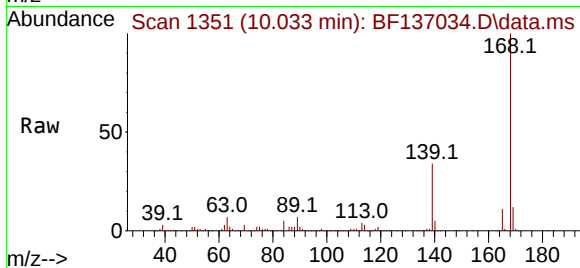
Tgt Ion:168 Resp: 407003

Ion Ratio Lower Upper

168 100

139 34.0 29.3 43.9

169 12.4 11.0 16.4



#56

4-Nitrophenol

Concen: 42.190 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

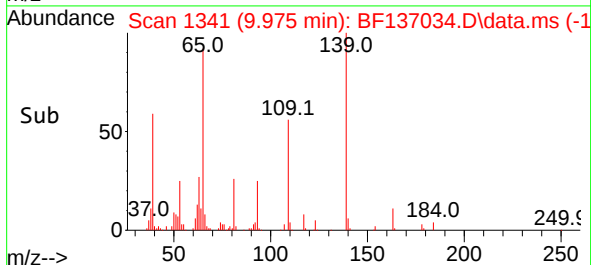
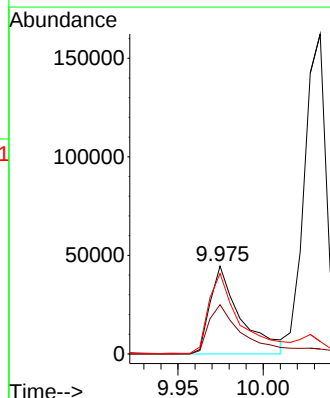
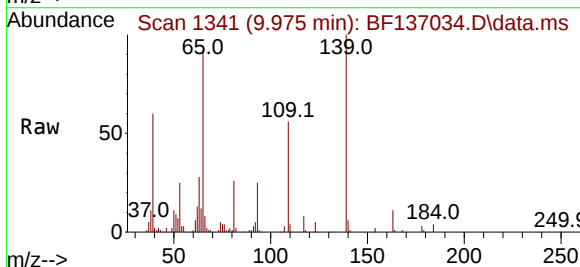
Tgt Ion:139 Resp: 55631

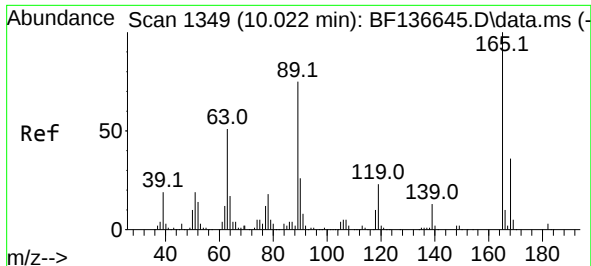
Ion Ratio Lower Upper

139 100

109 56.1 45.8 85.8

65 91.6 77.8 117.8

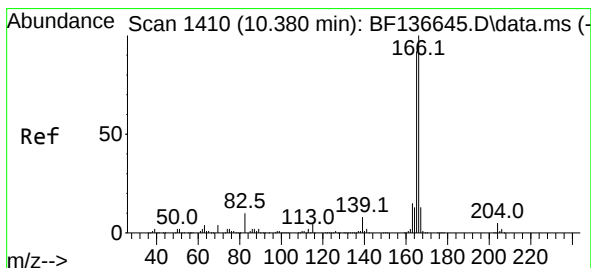
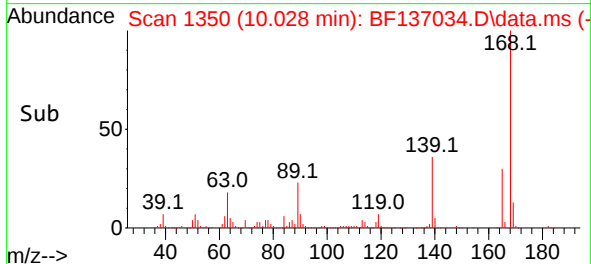
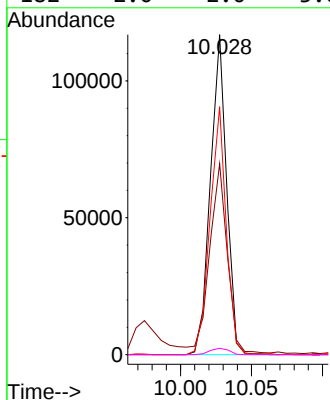
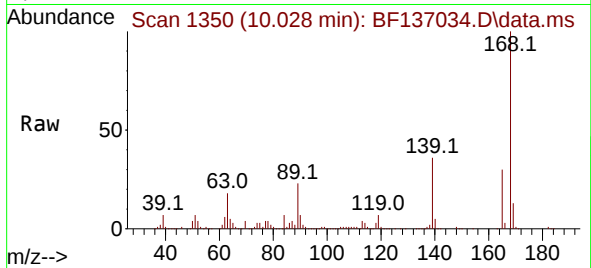




#57
2,4-Dinitrotoluene
Concen: 38.692 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

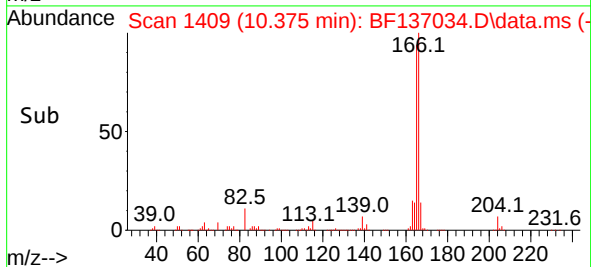
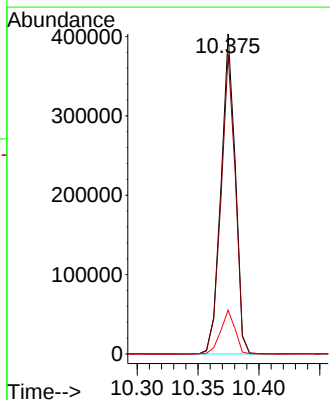
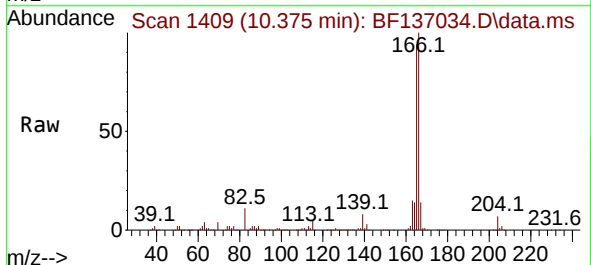
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 92619
Ion Ratio Lower Upper
165 100
63 59.7 41.0 61.6
89 77.5 59.9 89.9
182 2.0 2.0 3.0



#58
Fluorene
Concen: 40.649 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:166 Resp: 328710
Ion Ratio Lower Upper
166 100
165 93.7 73.7 110.5
167 13.7 10.4 15.6

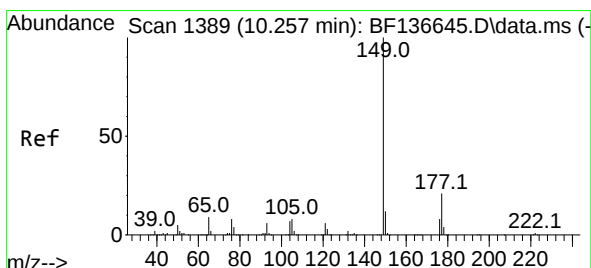
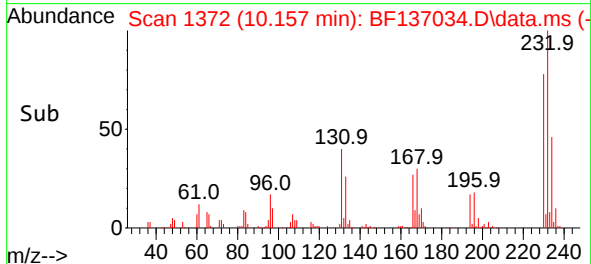
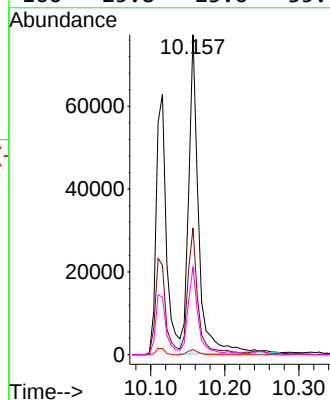
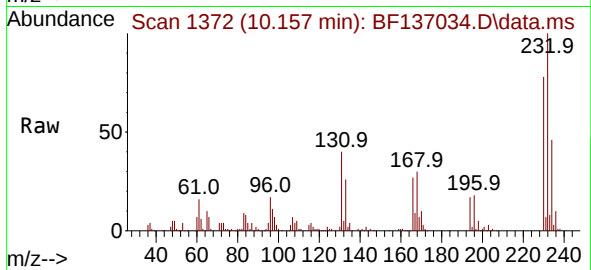




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.929 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

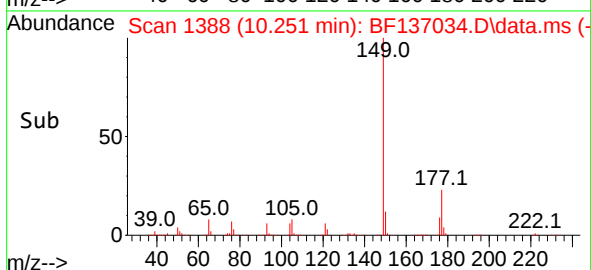
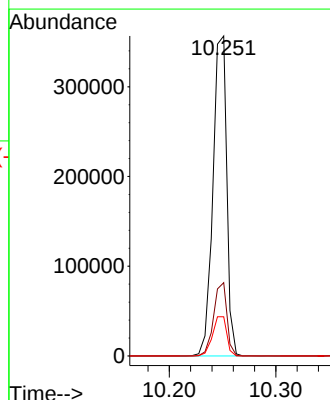
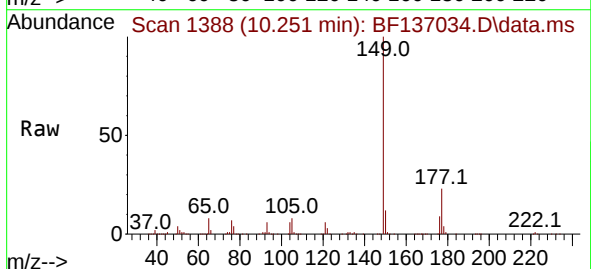
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

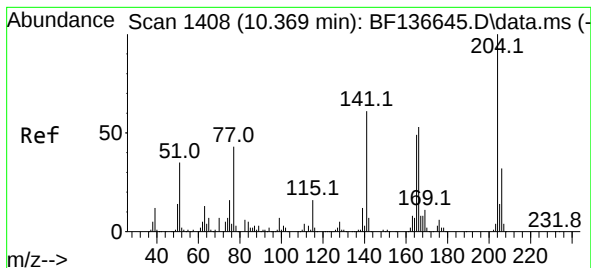
Tgt Ion:232 Resp: 71879
Ion Ratio Lower Upper
232 100
131 40.7 35.1 52.7
130 1.6 1.6 2.4
166 25.8 23.6 35.4



#60
Diethylphthalate
Concen: 38.270 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:149 Resp: 322612
Ion Ratio Lower Upper
149 100
177 22.9 16.9 25.3
150 12.3 9.3 13.9

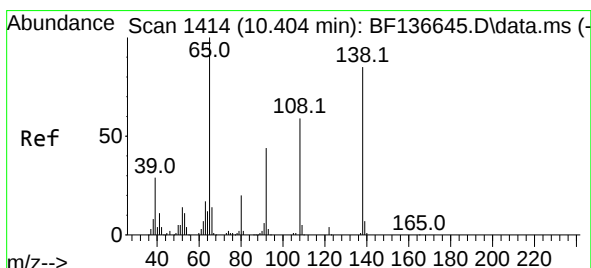
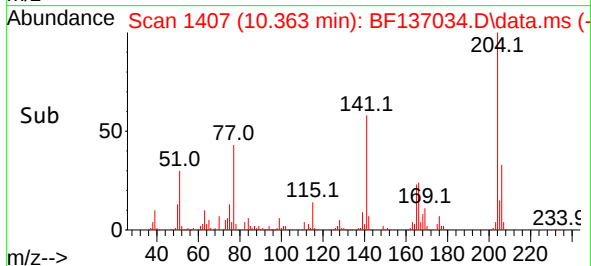
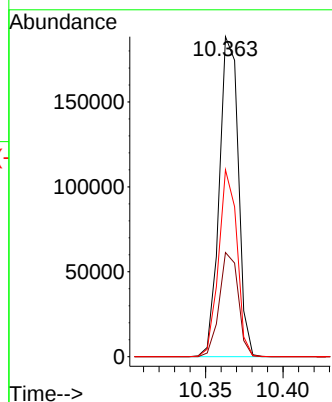
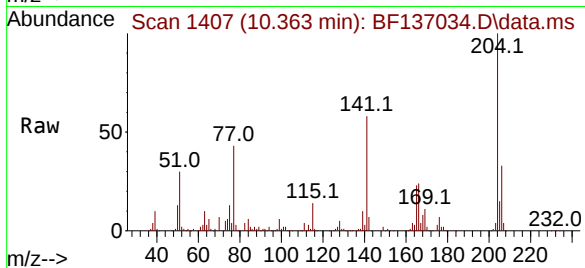




#61
4-Chlorophenyl-phenylether
Concen: 40.956 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

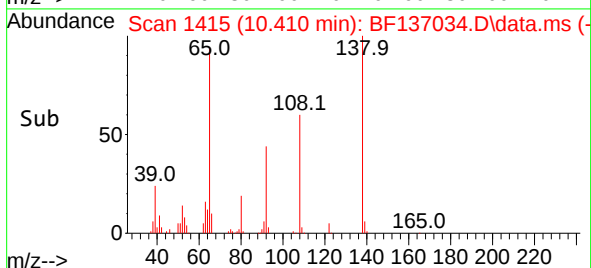
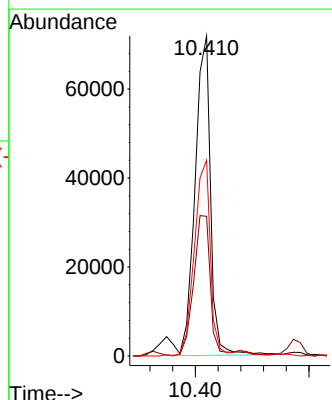
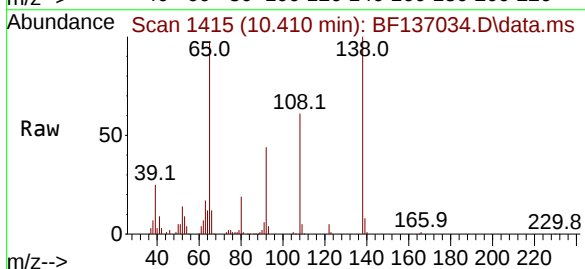
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

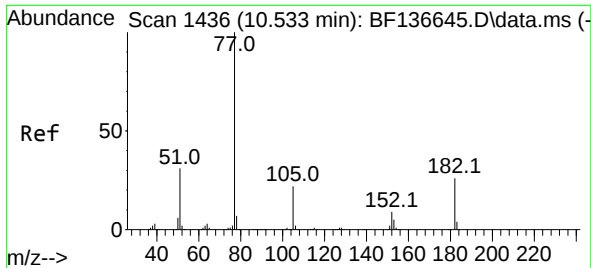
Tgt Ion:204 Resp: 160983
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 58.4 48.4 72.6



#62
4-Nitroaniline
Concen: 36.034 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:138 Resp: 67851
Ion Ratio Lower Upper
138 100
92 43.7 32.1 72.1
108 61.2 50.1 90.1

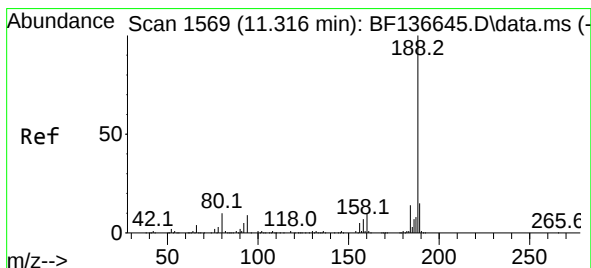
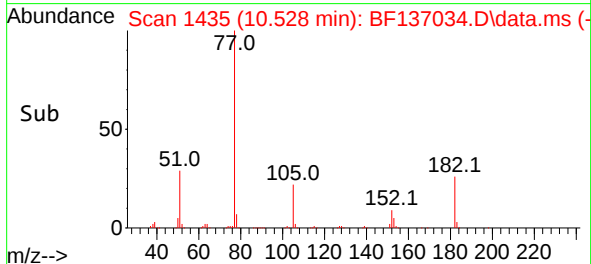
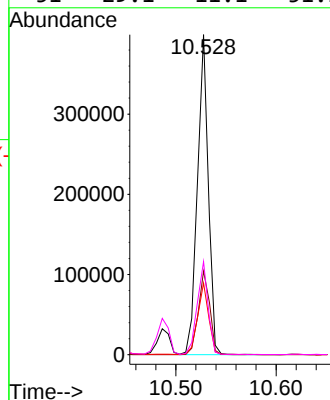
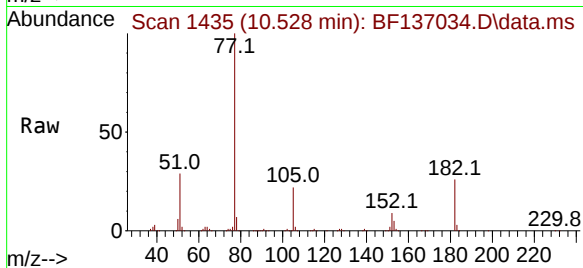




#63
Azobenzene
Concen: 38.235 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

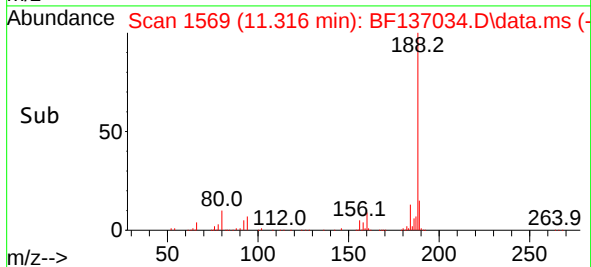
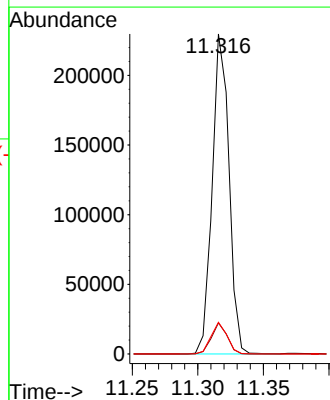
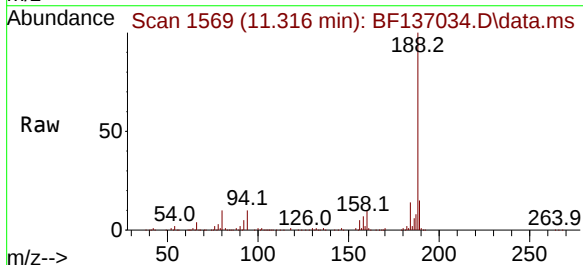
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

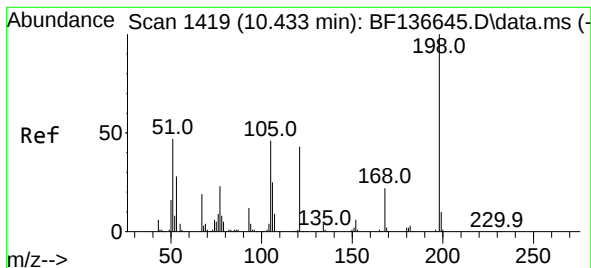
Tgt Ion:	77	Resp:	301045
Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.0	46.0
105	22.4	2.3	42.3
51	29.1	11.1	51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:	188	Resp:	204350
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	9.9	8.1	12.1

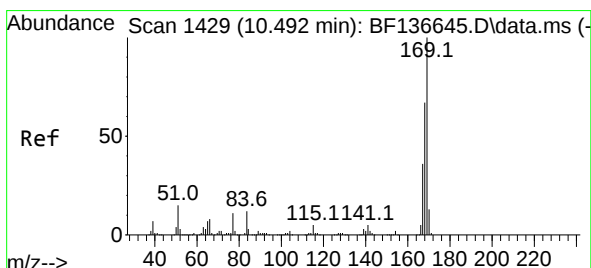
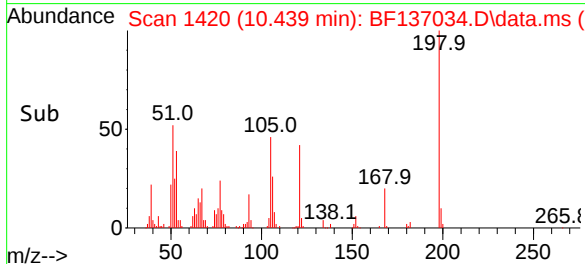
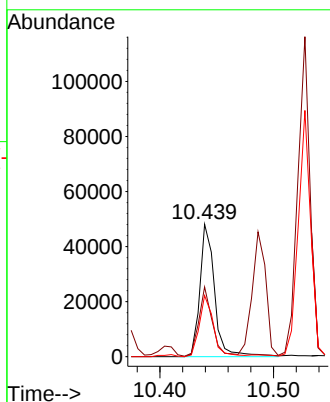
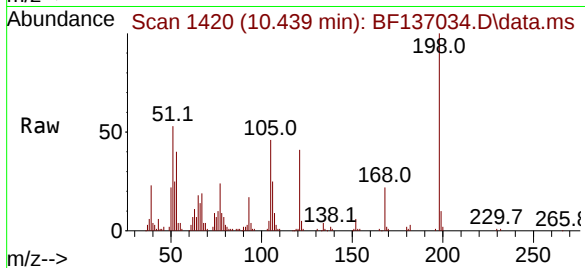




#65
4,6-Dinitro-2-methylphenol
Concen: 37.092 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

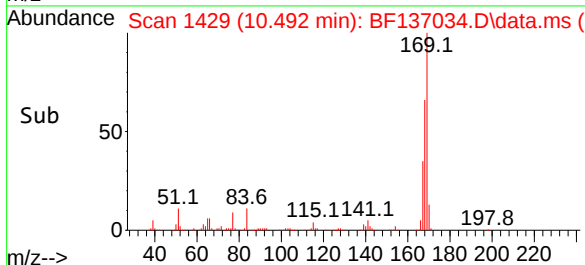
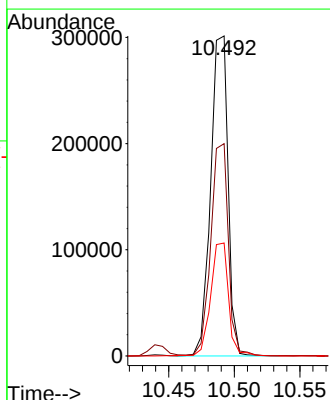
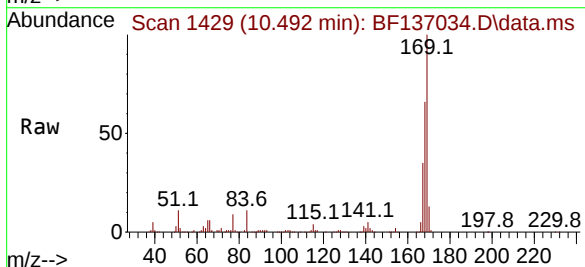
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

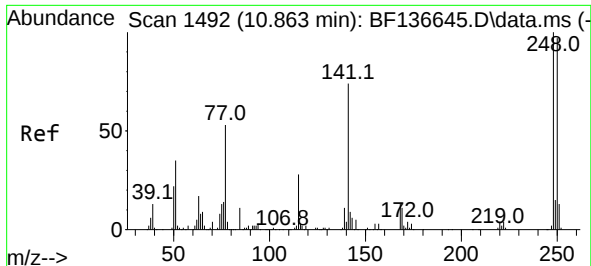
Tgt Ion:198 Resp: 43440
Ion Ratio Lower Upper
198 100
51 52.7 34.1 74.1
105 46.1 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.868 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:169 Resp: 277926
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 35.3 28.7 43.1

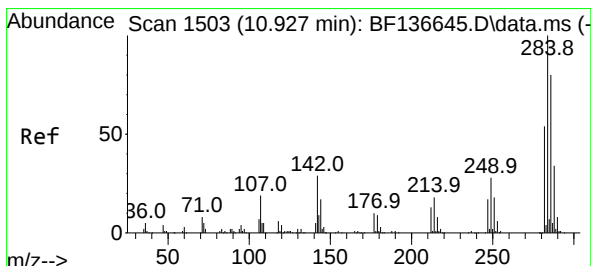
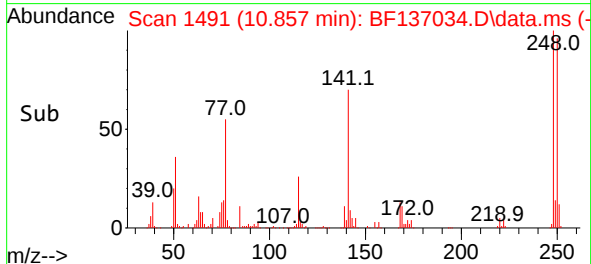
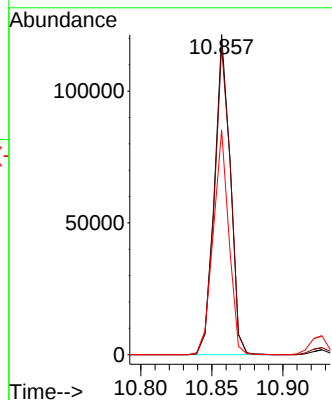
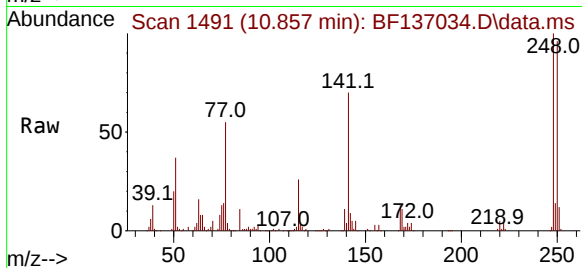




#67
4-Bromophenyl-phenylether
Concen: 41.324 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

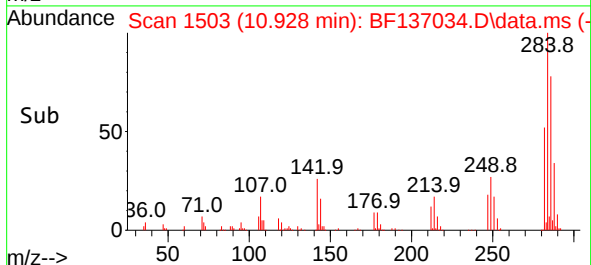
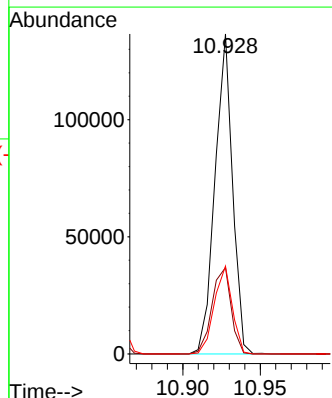
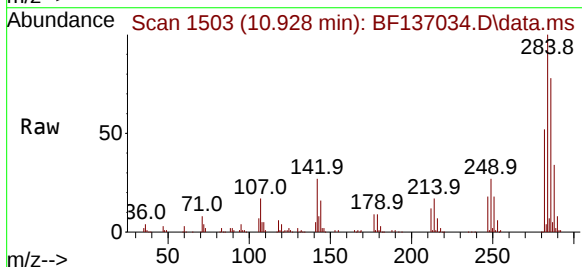
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 93783
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.6
141 70.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.435 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:284 Resp: 107322
Ion Ratio Lower Upper
284 100
142 27.0 23.4 35.0
249 27.5 22.3 33.5





#69

Atrazine

Concen: 37.756 ng

RT: 11.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

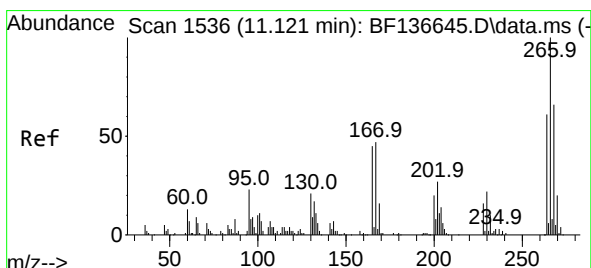
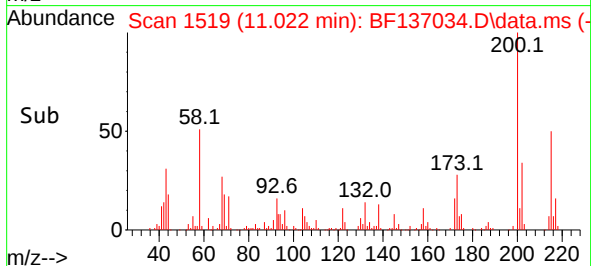
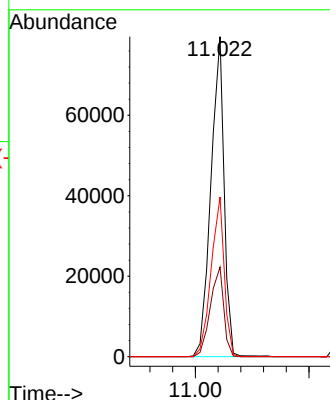
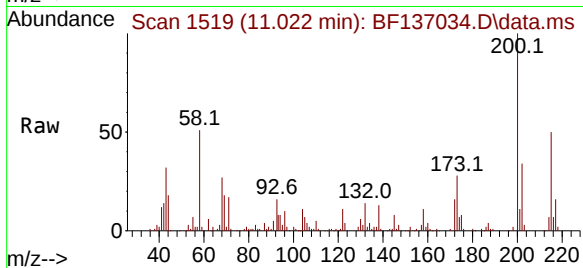
Tgt Ion:200 Resp: 64104

Ion Ratio Lower Upper

200 100

173 28.0 7.6 47.6

215 49.9 28.3 68.3



#70

Pentachlorophenol

Concen: 36.389 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

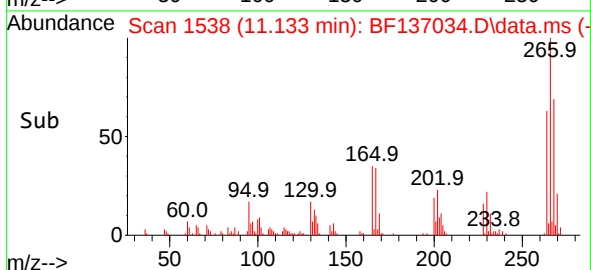
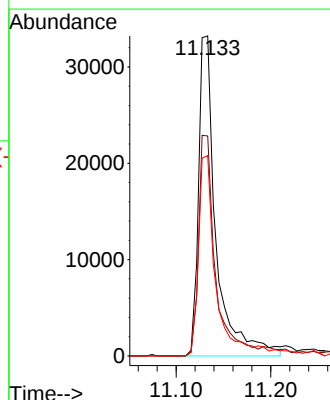
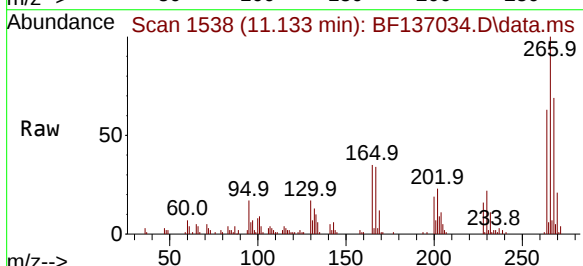
Tgt Ion:266 Resp: 42897

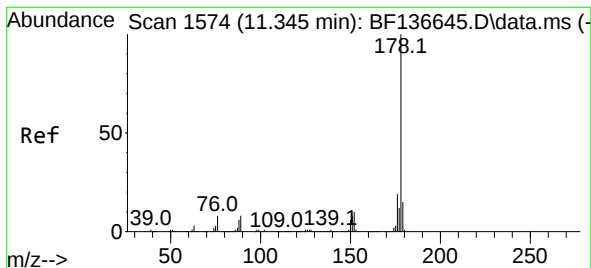
Ion Ratio Lower Upper

266 100

268 68.8 52.6 78.8

264 62.6 49.0 73.4





#71

Phenanthrene

Concen: 40.428 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

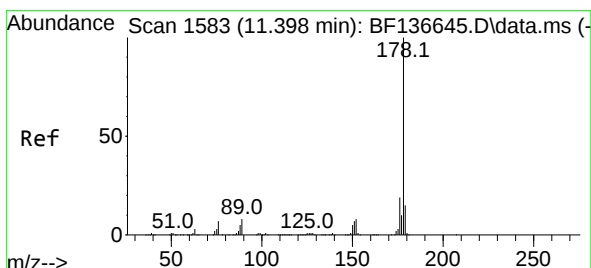
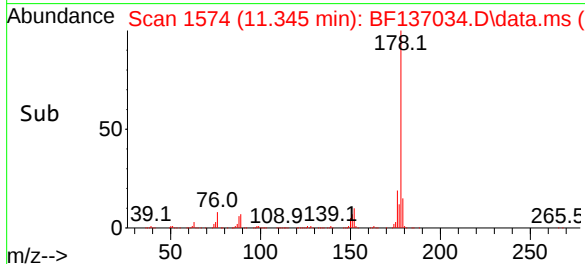
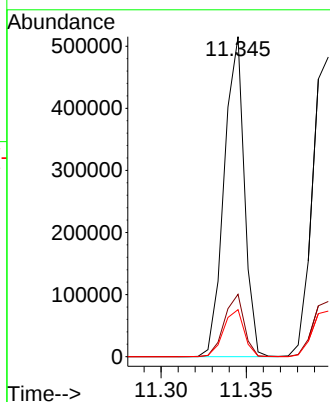
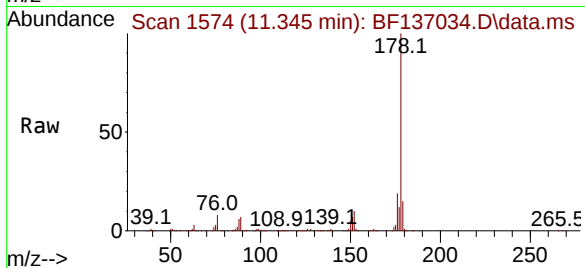
Tgt Ion:178 Resp: 423899

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 14.7 11.9 17.9



#72

Anthracene

Concen: 40.327 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

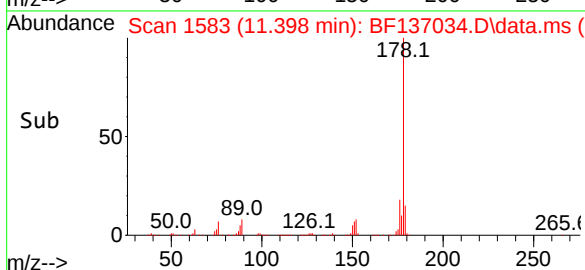
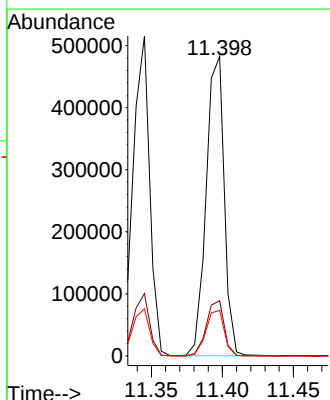
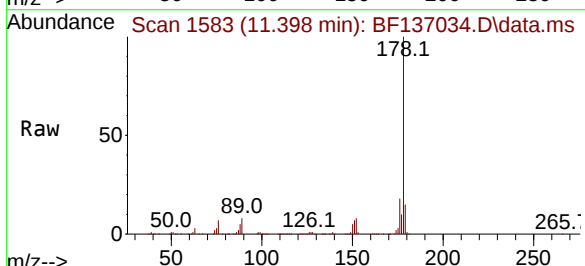
Tgt Ion:178 Resp: 428224

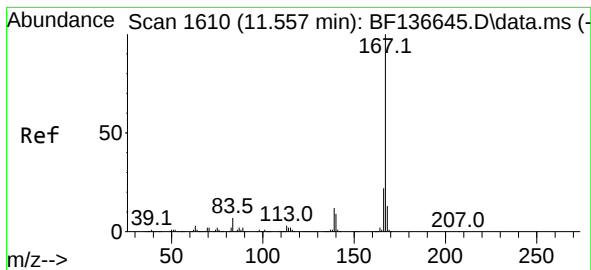
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.2 11.8 17.6





#73

Carbazole

Concen: 38.965 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

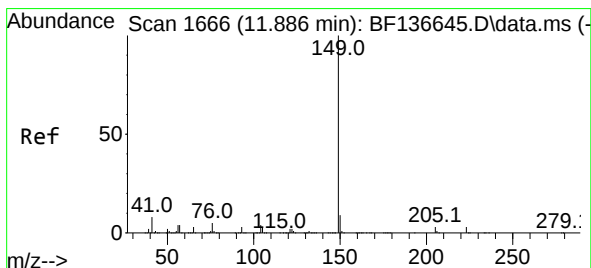
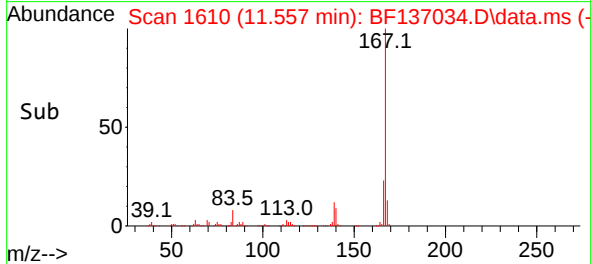
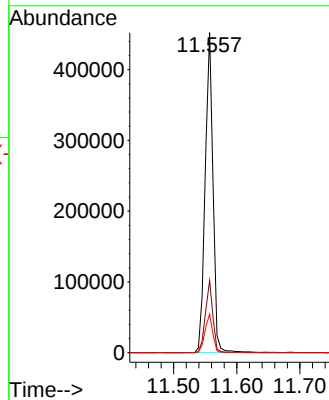
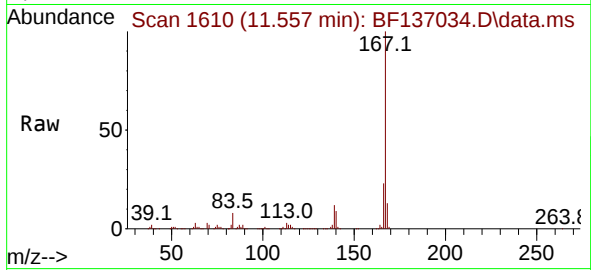
Tgt Ion:167 Resp: 390107

Ion Ratio Lower Upper

167 100

166 22.5 17.3 25.9

139 12.0 9.8 14.6



#74

Di-n-butylphthalate

Concen: 39.342 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

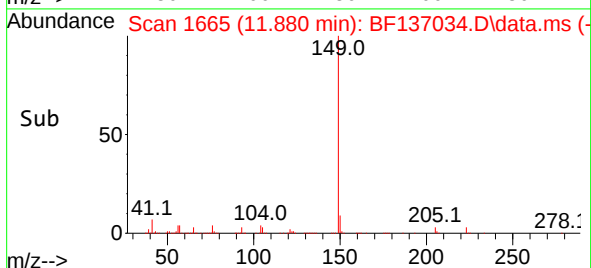
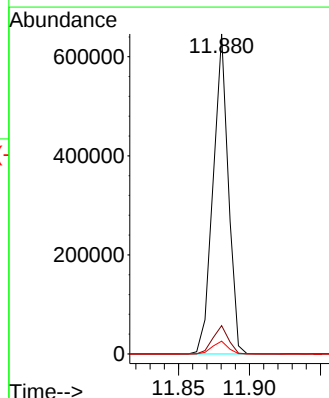
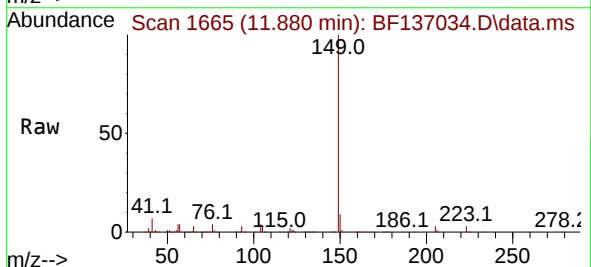
Tgt Ion:149 Resp: 480630

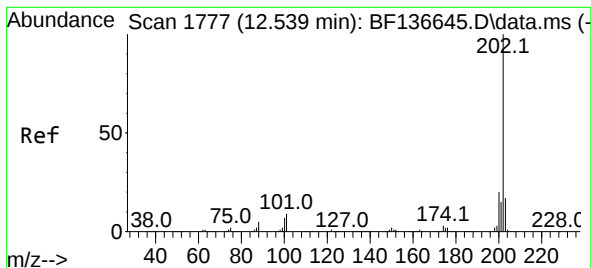
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 4.0 3.6 5.4





#75

Fluoranthene

Concen: 38.440 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

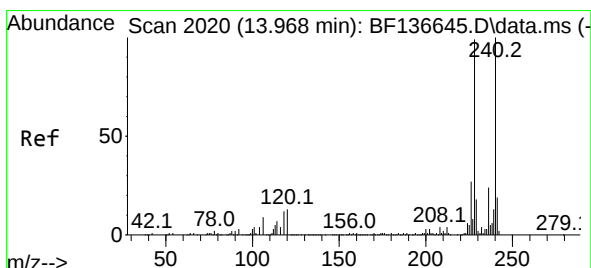
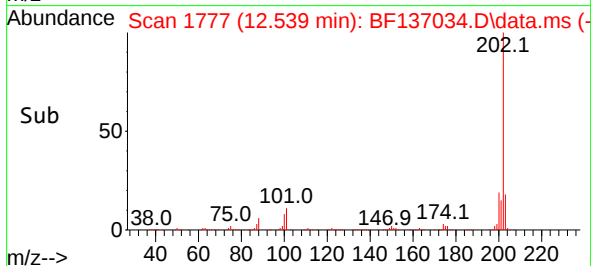
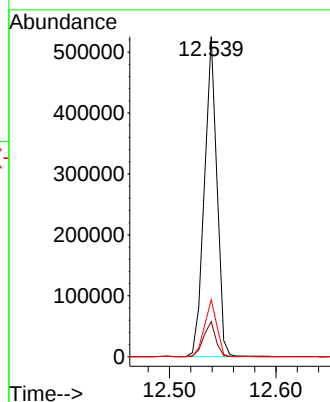
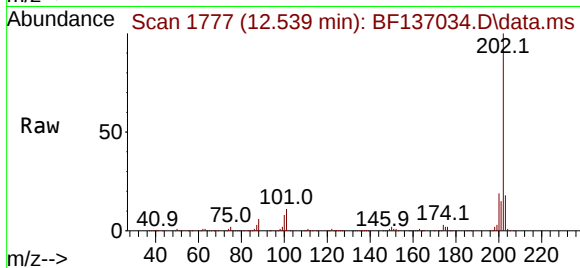
Tgt Ion:202 Resp: 431136

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.3

203 17.8 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.012 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

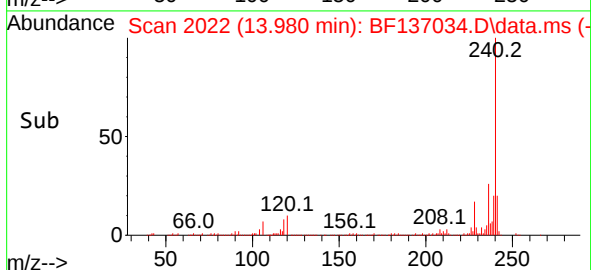
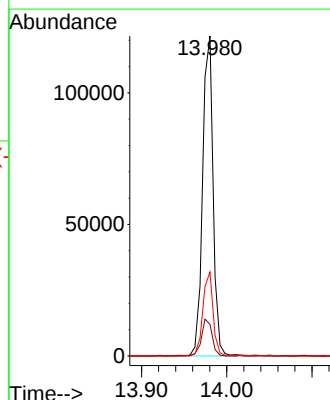
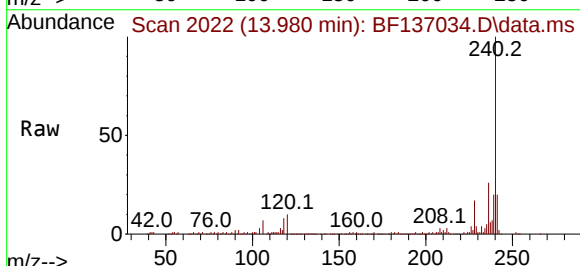
Tgt Ion:240 Resp: 104351

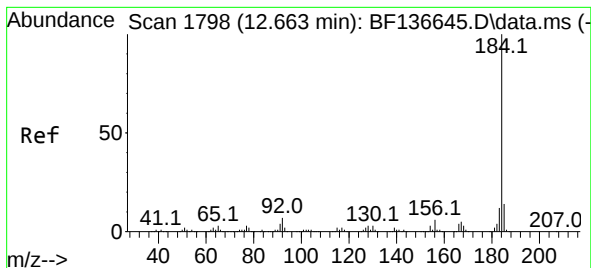
Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

236 26.2 19.4 29.2





#77

Benzidine

Concen: 33.217 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

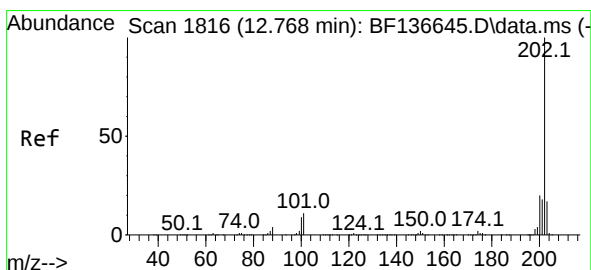
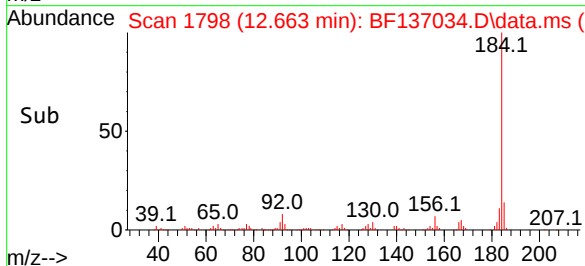
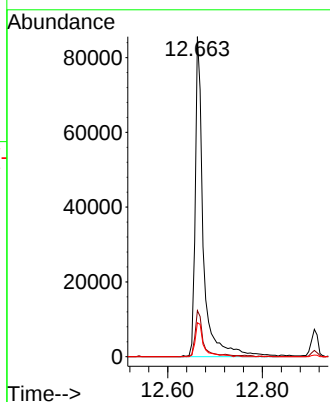
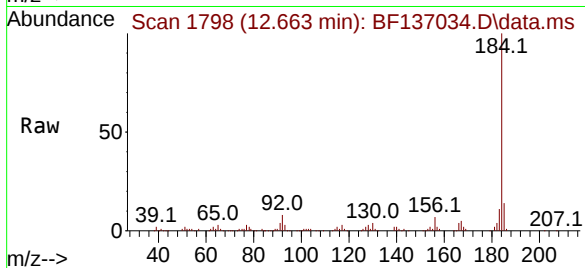
Tgt Ion:184 Resp: 102205

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

183 10.6 9.3 13.9



#78

Pyrene

Concen: 41.711 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

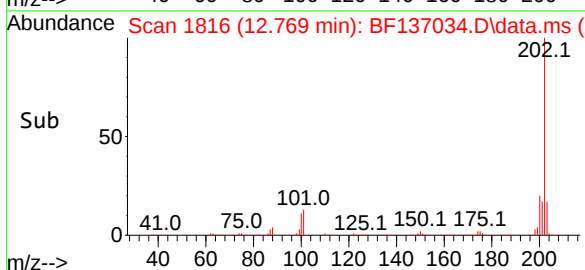
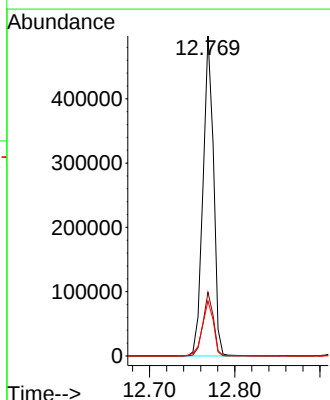
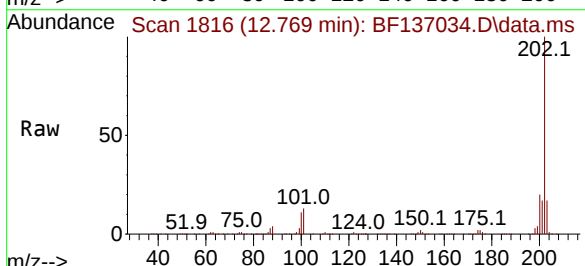
Tgt Ion:202 Resp: 427281

Ion Ratio Lower Upper

202 100

200 19.9 15.9 23.9

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 85.809 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

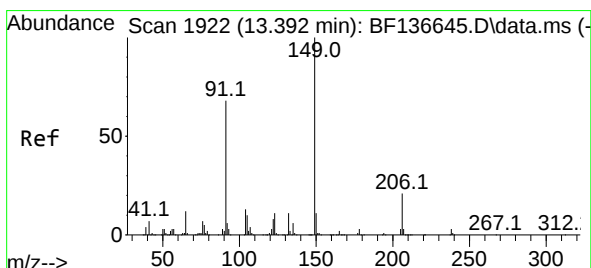
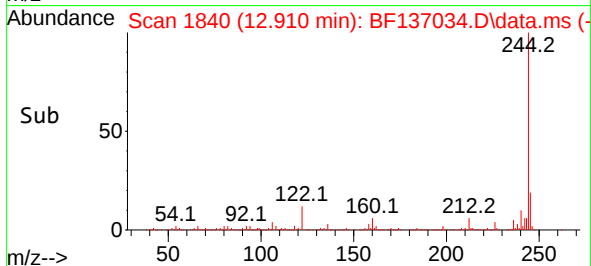
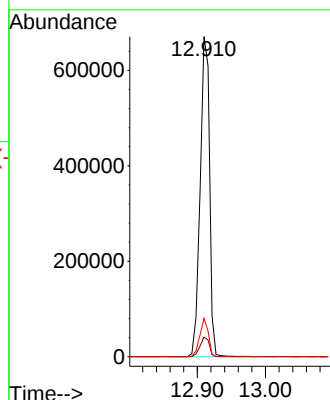
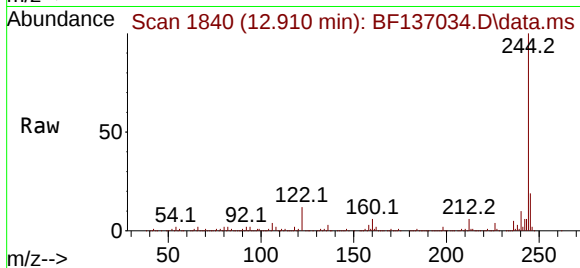
Tgt Ion:244 Resp: 640750

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 11.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 41.434 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

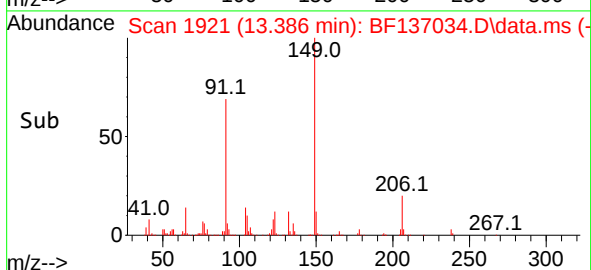
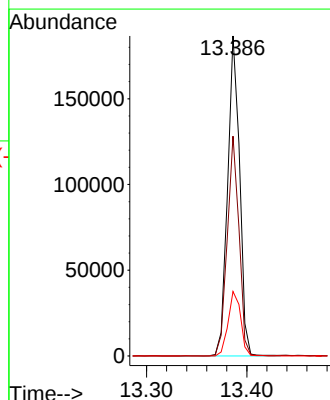
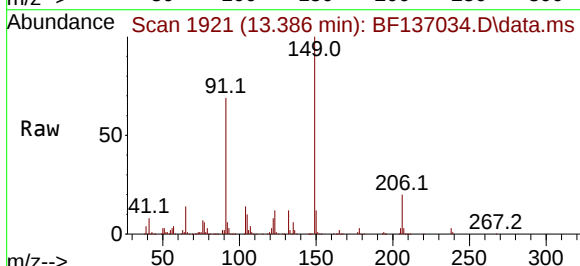
Tgt Ion:149 Resp: 154441

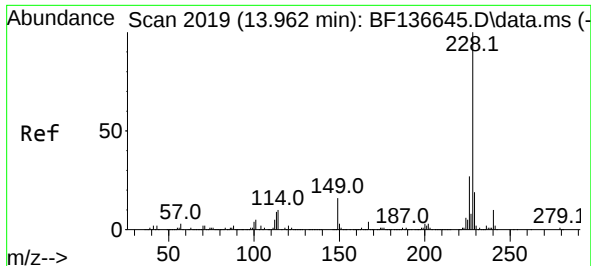
Ion Ratio Lower Upper

149 100

91 68.7 54.1 81.1

206 20.2 17.1 25.7

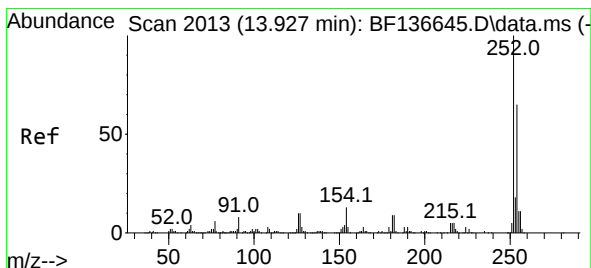
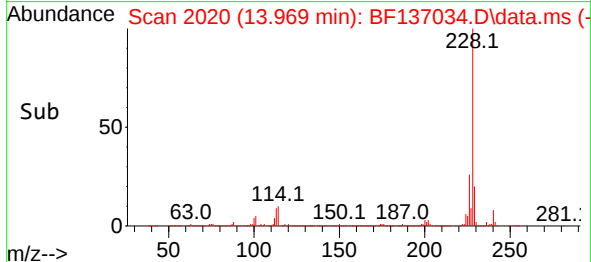
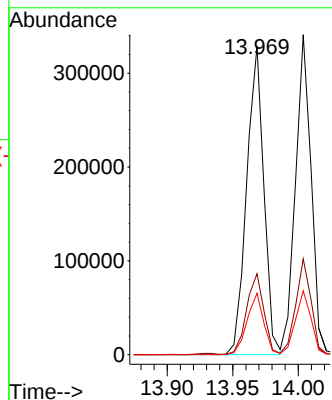
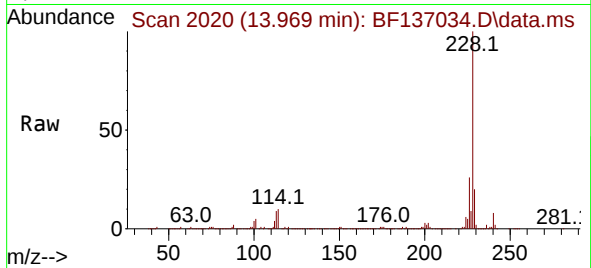




#81
Benzo(a)anthracene
Concen: 41.393 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

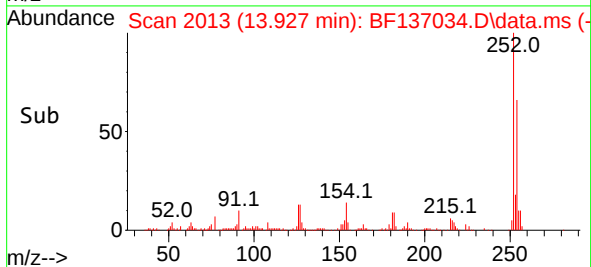
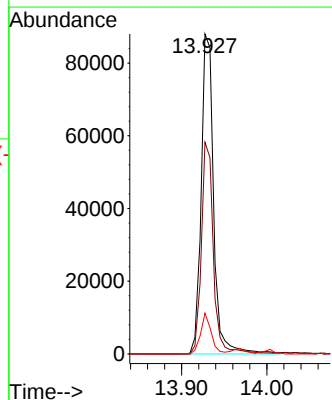
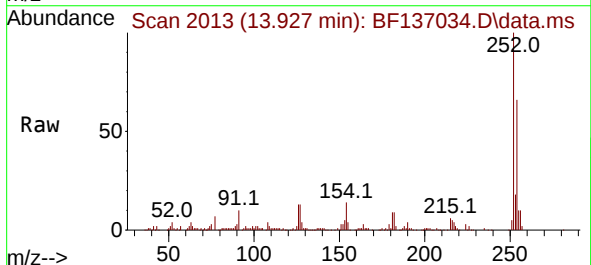
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

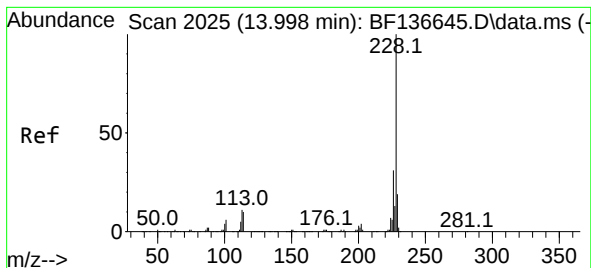
Tgt Ion:228 Resp: 299935
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.0
229 19.9 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 43.467 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:252 Resp: 89446
Ion Ratio Lower Upper
252 100
254 66.2 52.2 78.4
126 12.7 8.0 12.0#





#83

Chrysene

Concen: 40.151 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

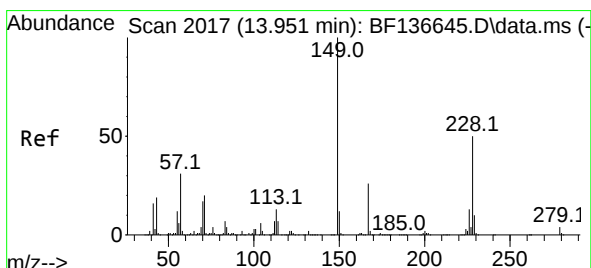
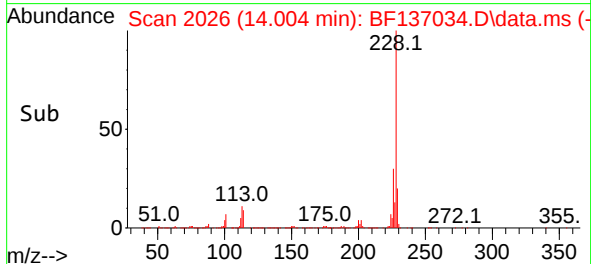
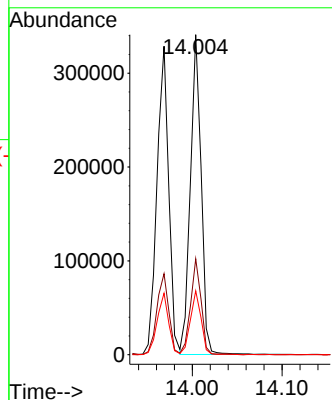
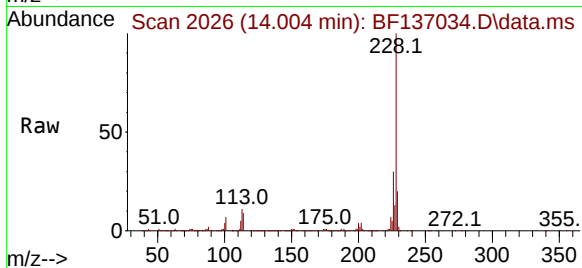
Tgt Ion:228 Resp: 284502

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 20.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.090 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

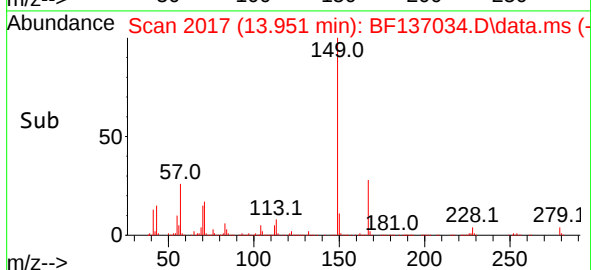
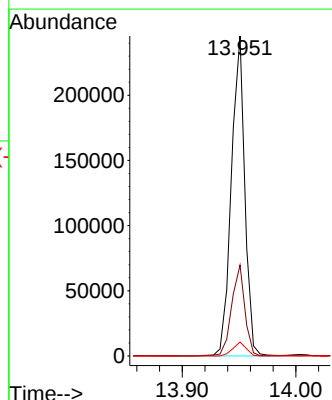
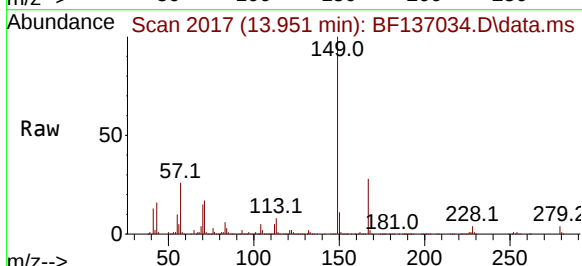
Tgt Ion:149 Resp: 202085

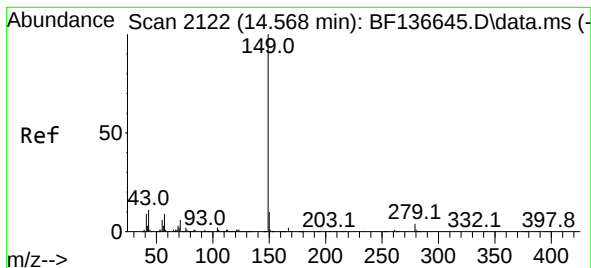
Ion Ratio Lower Upper

149 100

167 28.4 20.9 31.3

279 4.3 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 42.454 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

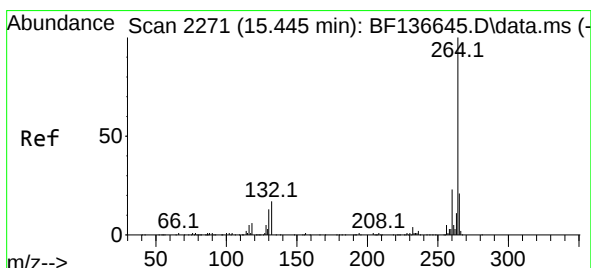
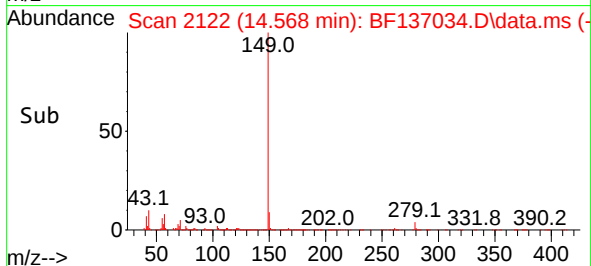
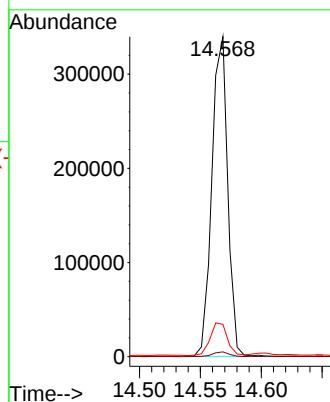
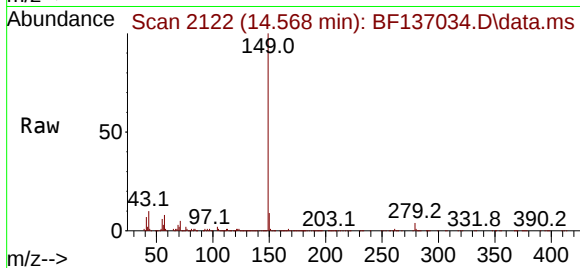
Tgt Ion:149 Resp: 307977

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 11.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.024 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

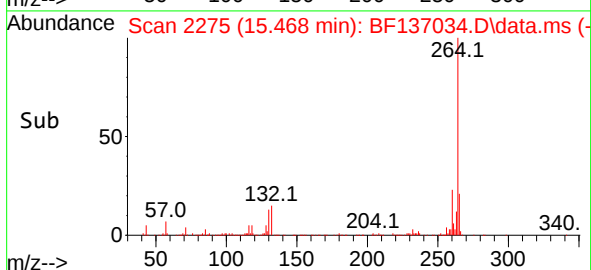
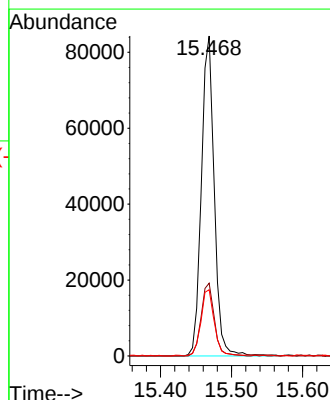
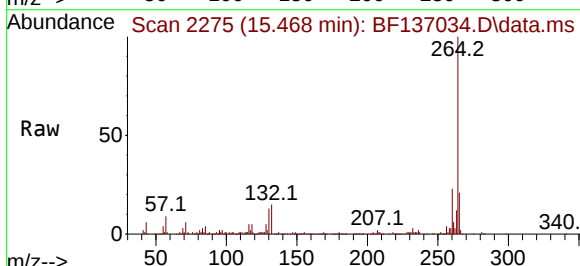
Tgt Ion:264 Resp: 106634

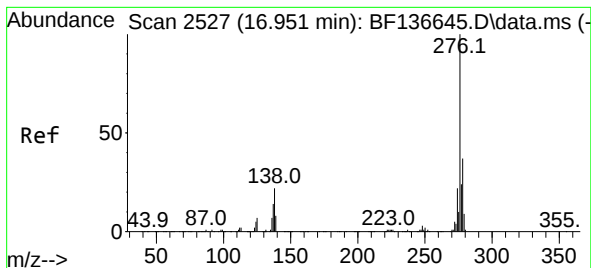
Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.478 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

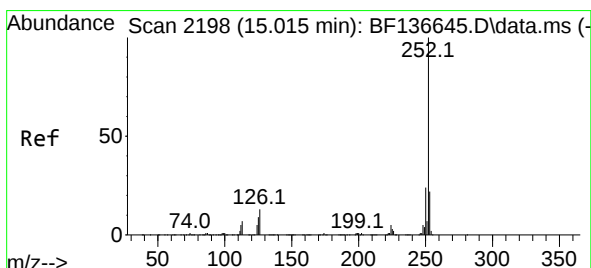
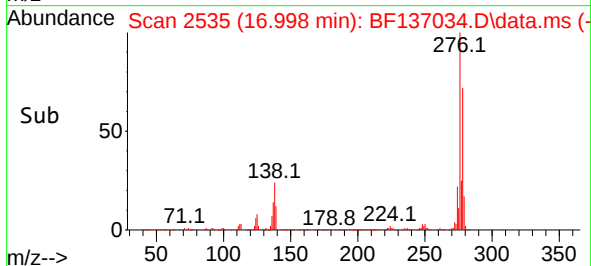
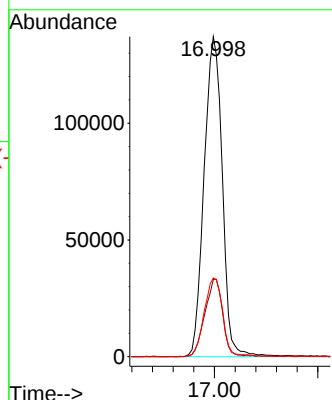
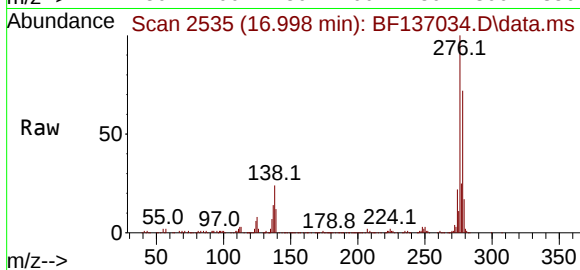
Tgt Ion:276 Resp: 334742

Ion Ratio Lower Upper

276 100

138 23.6 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.710 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

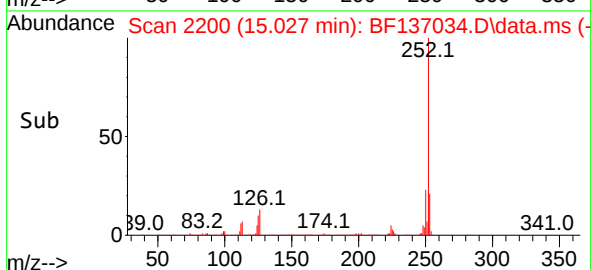
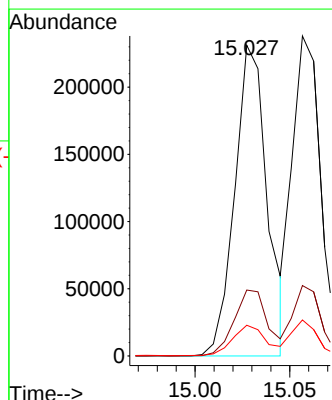
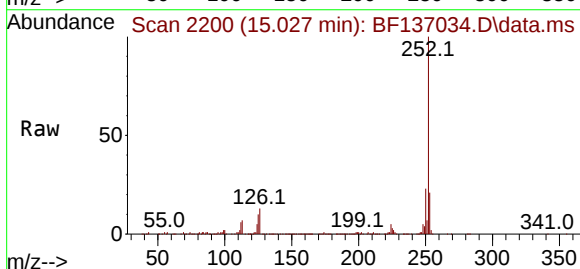
Tgt Ion:252 Resp: 275697

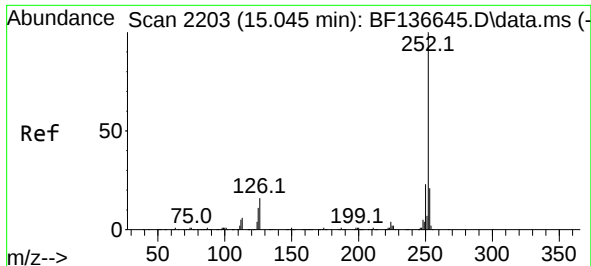
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.008 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

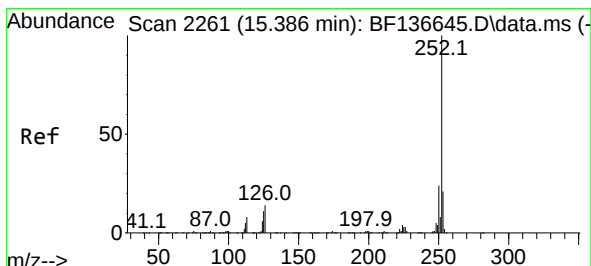
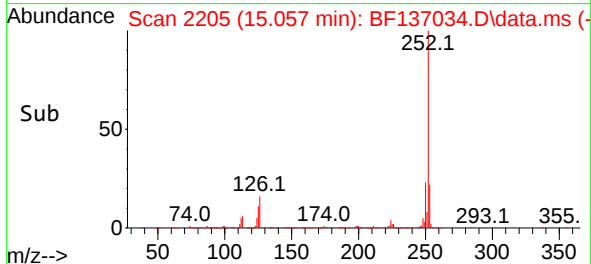
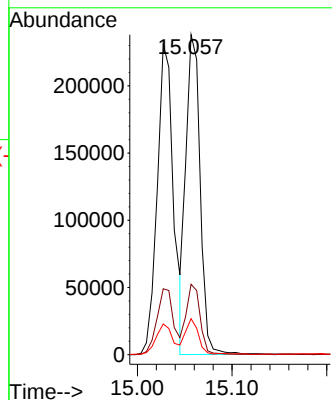
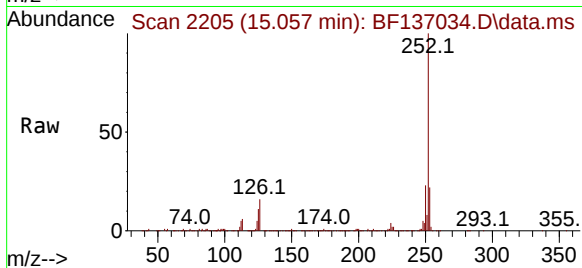
Tgt Ion:252 Resp: 249054

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.109 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137034.D

Acq: 11 Jan 2024 12:42

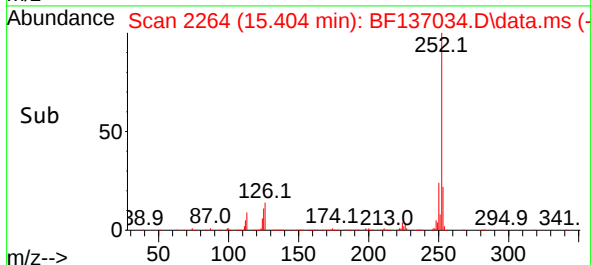
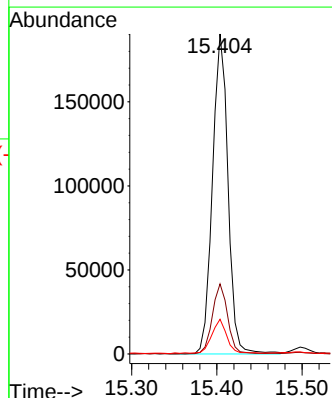
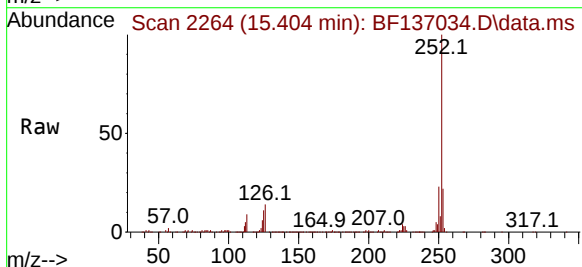
Tgt Ion:252 Resp: 241133

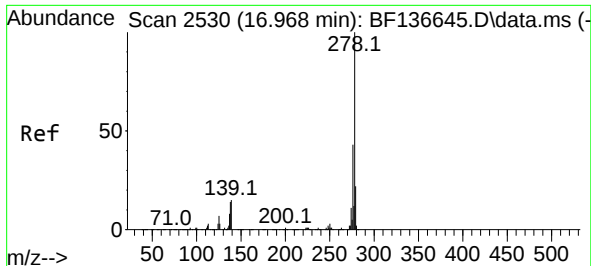
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 10.9 8.8 13.2

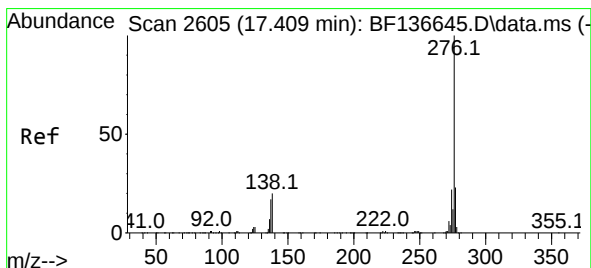
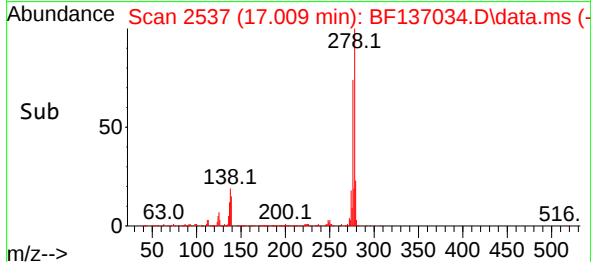
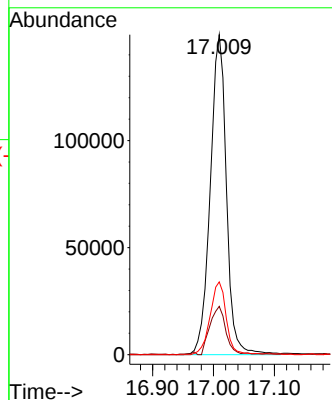
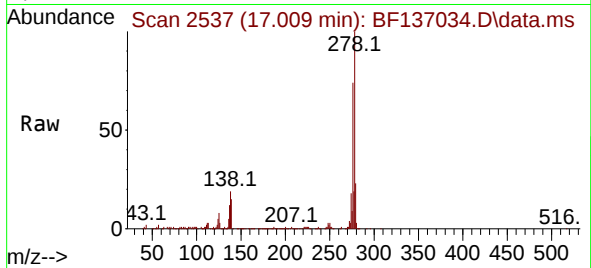




#91
Dibenzo(a,h)anthracene
Concen: 43.618 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 275506
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 22.8 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 43.876 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.053 min
Lab File: BF137034.D
Acq: 11 Jan 2024 12:42

Tgt Ion:276 Resp: 283848
Ion Ratio Lower Upper
276 100
277 22.9 18.3 27.5
138 18.7 15.6 23.4

