

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137649.D
 Acq On : 19 Mar 2024 15:43
 Operator : CG\JU
 Sample : P1616-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUEMSD

Quant Time: Mar 19 16:08:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	153367	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	609493	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	344335	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	591126	20.000	ng	0.00
76) Chrysene-d12	13.880	240	339164	20.000	ng	0.00
86) Perylene-d12	15.304	264	358824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	914062	90.266	ng	0.00
7) Phenol-d6	6.369	99	1264582	86.514	ng	0.00
23) Nitrobenzene-d5	7.292	82	756882	57.700	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	281807	93.195	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1281692	58.266	ng	0.00
79) Terphenyl-d14	12.827	244	1272948	51.610	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	197652	35.697	ng	98
3) Pyridine	3.128	79	443500	33.212	ng	97
4) n-Nitrosodimethylamine	3.093	42	187399	35.703	ng	94
6) Aniline	6.392	93	402627	22.543	ng	98
8) 2-Chlorophenol	6.510	128	441284	41.316	ng	97
9) Benzaldehyde	6.275	77	92608	12.932	ng	97
10) Phenol	6.381	94	612595	38.937	ng	99
11) bis(2-Chloroethyl)ether	6.463	93	433988	37.643	ng	99
12) 1,3-Dichlorobenzene	6.663	146	468450	41.045	ng	98
13) 1,4-Dichlorobenzene	6.745	146	469167	40.178	ng	97
14) 1,2-Dichlorobenzene	6.892	146	452408	42.209	ng	99
15) Benzyl Alcohol	6.875	79	382590	42.043	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	694481	35.044	ng	97
17) 2-Methylphenol	6.986	107	363659	36.387	ng	99
18) Hexachloroethane	7.233	117	161028	41.880	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	325079	36.015	ng	97
20) 3+4-Methylphenols	7.145	107	429173	37.495	ng	# 86
22) Acetophenone	7.139	105	584273	39.620	ng	96
24) Nitrobenzene	7.310	77	504196	38.263	ng	99
25) Isophorone	7.551	82	928928	37.275	ng	97
26) 2-Nitrophenol	7.628	139	222242	42.481	ng	96
27) 2,4-Dimethylphenol	7.669	122	313127	32.033	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	564113	38.580	ng	98
29) 2,4-Dichlorophenol	7.869	162	367991	41.018	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	387341	41.027	ng	99
31) Naphthalene	8.033	128	1260047	38.532	ng	99
32) Benzoic acid	7.804	122	186642	35.103	ng	96
33) 4-Chloroaniline	8.086	127	185546	14.470	ng	97
34) Hexachlorobutadiene	8.145	225	227414	40.800	ng	99
35) Caprolactam	8.451	113	83138	27.329	ng	96
36) 4-Chloro-3-methylphenol	8.575	107	400294	39.916	ng	97
37) 2-Methylnaphthalene	8.722	142	799588	38.355	ng	100
38) 1-Methylnaphthalene	8.822	142	736843	37.532	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	391111	40.686	ng	100
41) Hexachlorocyclopentadiene	8.869	237	218537	58.209	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	252998	40.415	ng	99

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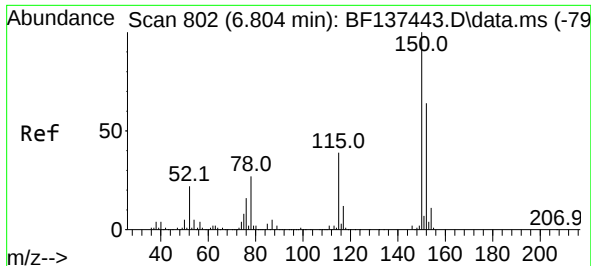
Quant Time: Mar 19 16:08:27 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	275533	38.209	ng	97
46) 1,1'-Biphenyl	9.186	154	990936	39.319	ng	99
47) 2-Chloronaphthalene	9.210	162	771452	40.149	ng	99
48) 2-Nitroaniline	9.310	65	268246	41.073	ng	96
49) Acenaphthylene	9.622	152	1246448	40.535	ng	100
50) Dimethylphthalate	9.492	163	931353	38.855	ng	99
51) 2,6-Dinitrotoluene	9.551	165	207333	41.355	ng	96
52) Acenaphthene	9.792	154	695975	37.911	ng	98
53) 3-Nitroaniline	9.722	138	123706	23.328	ng	94
54) 2,4-Dinitrophenol	9.833	184	157238	65.915	ng	95
55) Dibenzofuran	9.969	168	1070731	38.294	ng	100
56) 4-Nitrophenol	9.892	139	293958	78.033	ng	99
57) 2,4-Dinitrotoluene	9.957	165	264445	42.933	ng	97
58) Fluorene	10.310	166	829309	38.620	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	226223	39.120	ng	95
60) Diethylphthalate	10.186	149	898484	39.694	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	403490	38.340	ng	95
62) 4-Nitroaniline	10.339	138	178909	39.253	ng	95
63) Azobenzene	10.463	77	963379	36.962	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	129517	39.312	ng	92
66) n-Nitrosodiphenylamine	10.421	169	739385	38.843	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	262296	40.739	ng	98
68) Hexachlorobenzene	10.851	284	284420	43.737	ng	96
69) Atrazine	10.951	200	253915	43.880	ng	96
70) Pentachlorophenol	11.051	266	290294	73.845	ng	99
71) Phenanthrene	11.268	178	1242151	38.612	ng	99
72) Anthracene	11.321	178	1270500	38.453	ng	100
73) Carbazole	11.480	167	1146612	40.514	ng	99
74) Di-n-butylphthalate	11.810	149	1411146	41.908	ng	100
75) Fluoranthene	12.457	202	1185020	37.685	ng	96
77) Benzidine	12.586	184	535087	64.467	ng	96
78) Pyrene	12.680	202	1191447	35.801	ng	99
80) Butylbenzylphthalate	13.304	149	466710	54.913	ng	99
81) Benzo(a)anthracene	13.868	228	912910	38.403	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	273635	43.225	ng	98
83) Chrysene	13.904	228	927045	38.585	ng	100
84) Bis(2-ethylhexyl)phtha...	13.862	149	600268	55.567	ng	98
85) Di-n-octyl phthalate	14.474	149	985556	47.415	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	876680	37.127	ng	97
88) Benzo(b)fluoranthene	14.898	252	873123	41.135	ng	98
89) Benzo(k)fluoranthene	14.921	252	843709	37.007	ng	99
90) Benzo(a)pyrene	15.245	252	811366	38.790	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	716591	37.410	ng	96
92) Benzo(g,h,i)perylene	17.109	276	668402	33.977	ng	97

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

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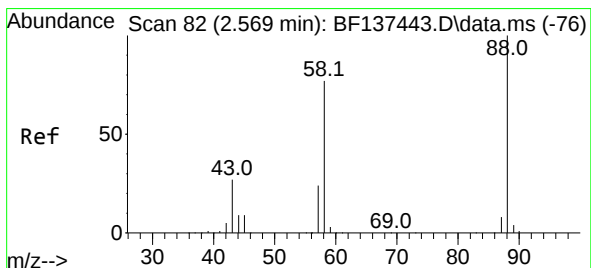
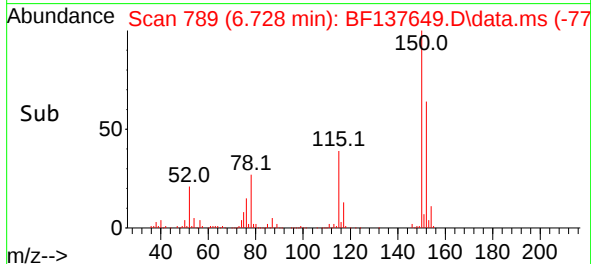
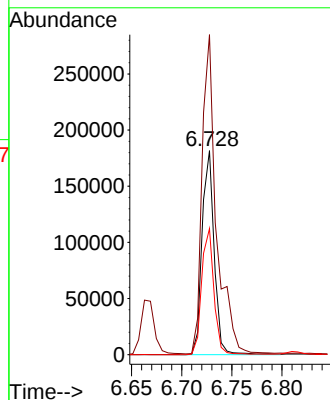
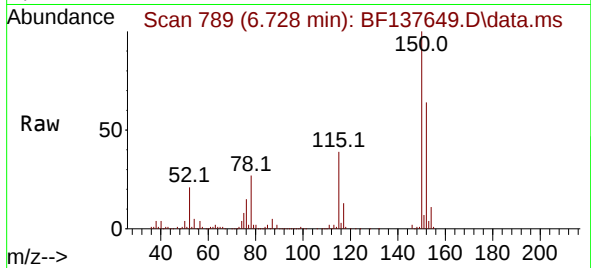




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137649.D
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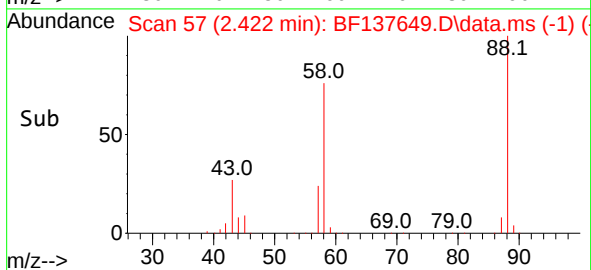
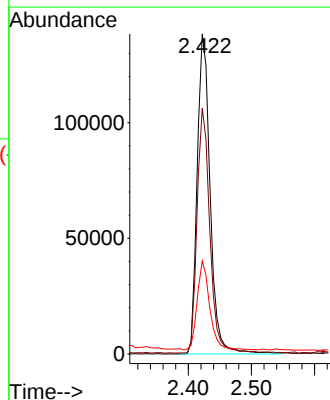
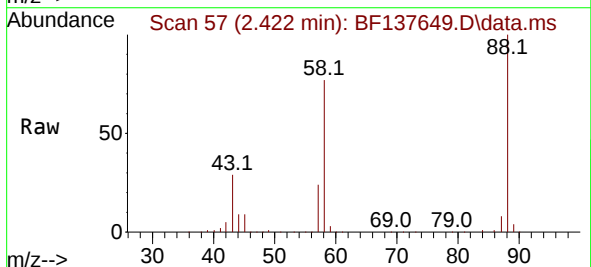
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146-BAY-AVENUEMSD

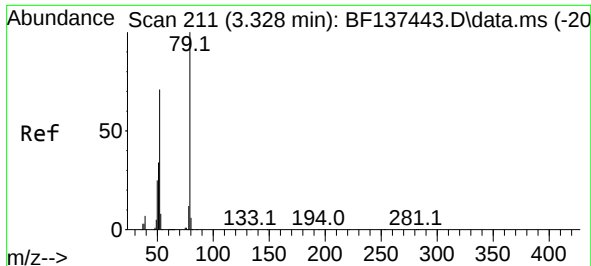
Tgt Ion:152 Resp: 153367
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 61.8 48.8 73.2



#2
1,4-Dioxane
Concen: 35.697 ng
RT: 2.422 min Scan# 57
Delta R.T. 0.053 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion: 88 Resp: 197652
Ion Ratio Lower Upper
88 100
58 75.4 61.8 92.8
43 27.0 22.2 33.4

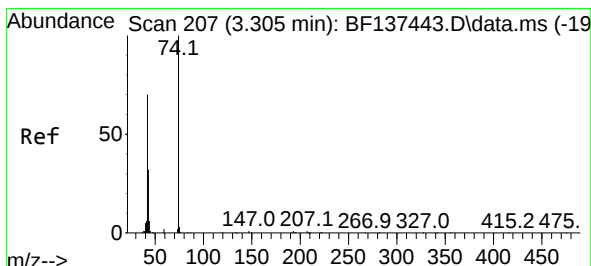
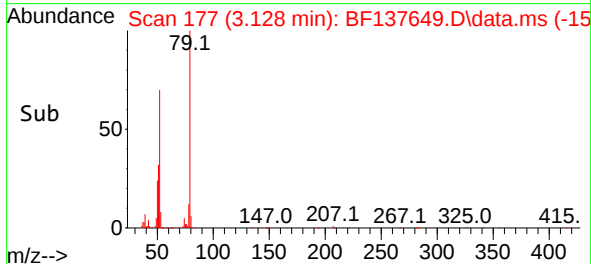
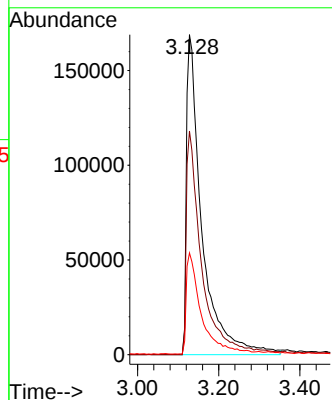
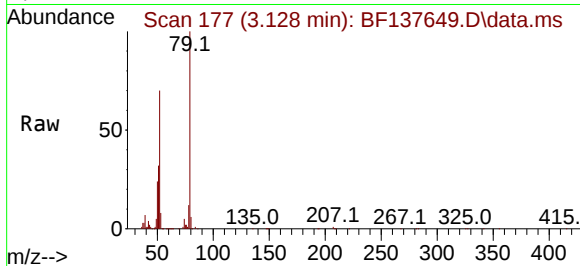




#3
Pyridine
Concen: 33.212 ng
RT: 3.128 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

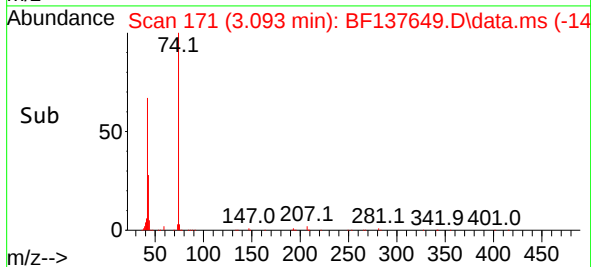
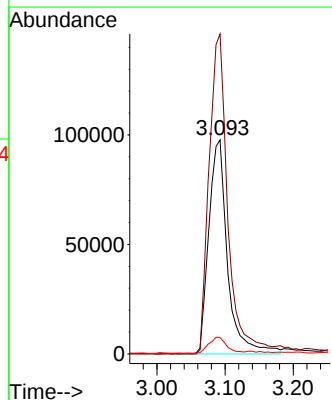
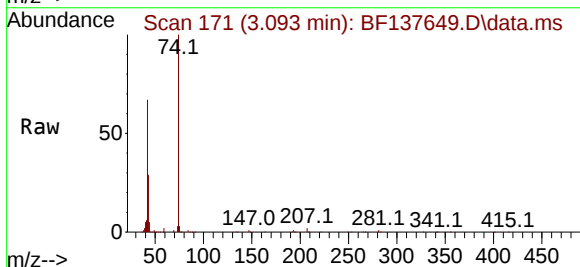
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ClientSampleId :
146-BAY-AVENUEMSD

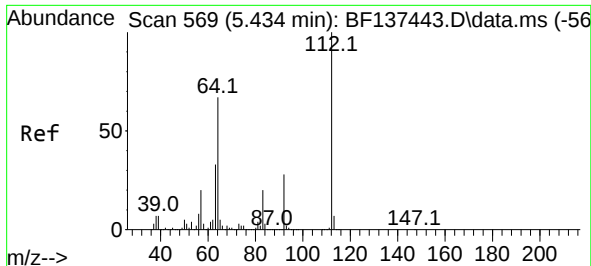
Tgt Ion: 79 Resp: 443500
Ion Ratio Lower Upper
79 100
52 69.9 57.0 85.4
51 31.8 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 35.703 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.053 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion: 42 Resp: 187399
Ion Ratio Lower Upper
42 100
74 149.5 114.0 171.0
44 7.7 7.0 10.4

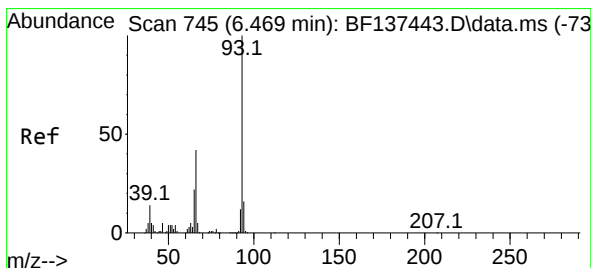
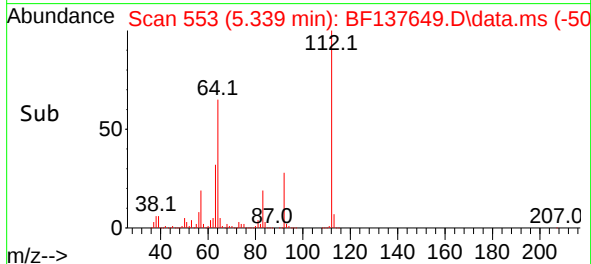
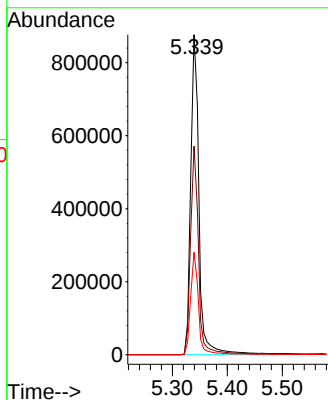
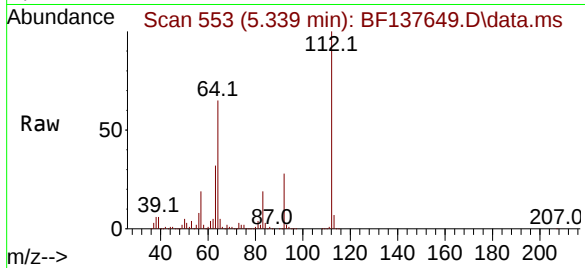




#5
2-Fluorophenol
Concen: 90.266 ng
RT: 5.339 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

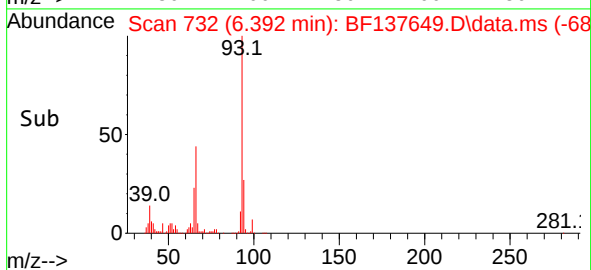
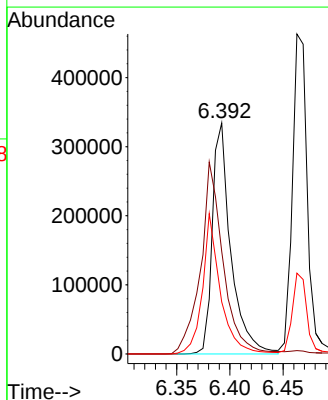
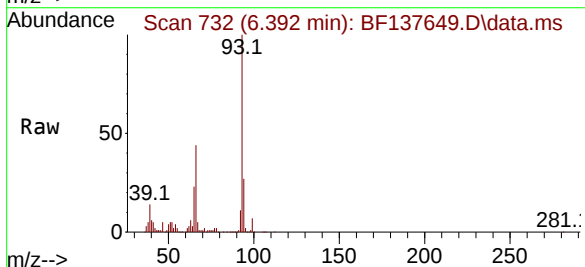
Instrument :
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Tgt Ion:112 Resp: 914062
Ion Ratio Lower Upper
112 100
64 65.2 53.4 80.2
63 32.0 26.2 39.2



#6
Aniline
Concen: 22.543 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion: 93 Resp: 402627
Ion Ratio Lower Upper
93 100
66 44.4 34.0 51.0
65 22.5 17.8 26.8





#7

Phenol-d6

Concen: 86.514 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137649.D

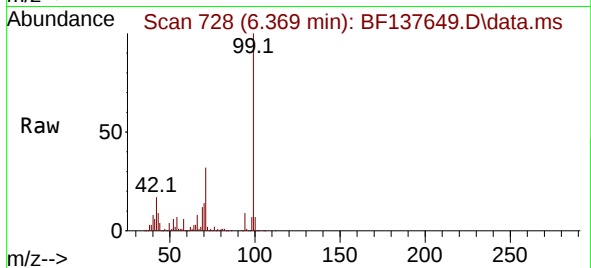
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Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD



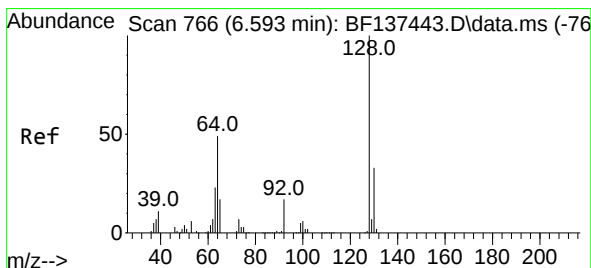
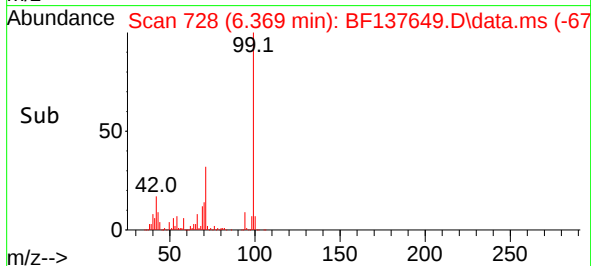
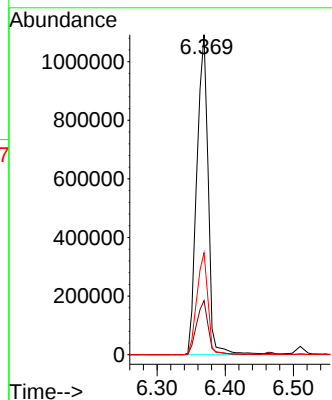
Tgt Ion: 99 Resp: 1264582

Ion Ratio Lower Upper

99 100

42 16.9 14.6 21.8

71 31.8 25.3 37.9



#8

2-Chlorophenol

Concen: 41.316 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

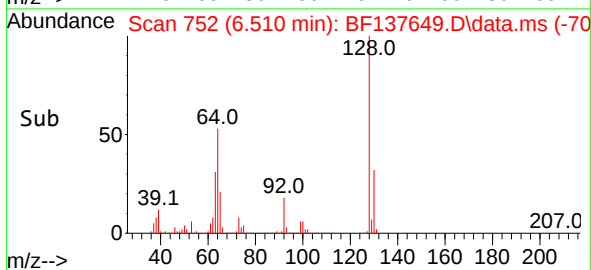
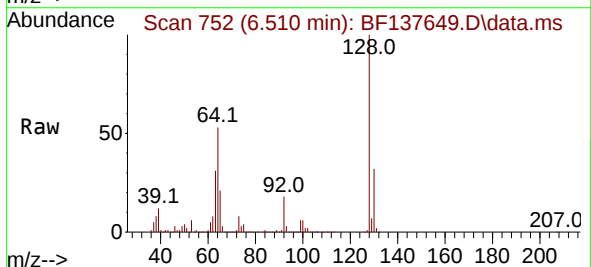
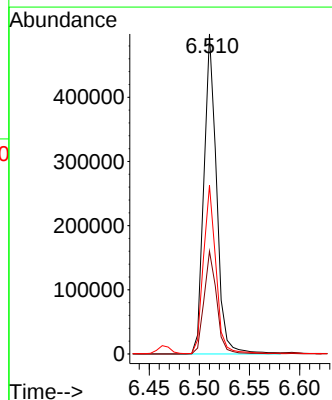
Tgt Ion: 128 Resp: 441284

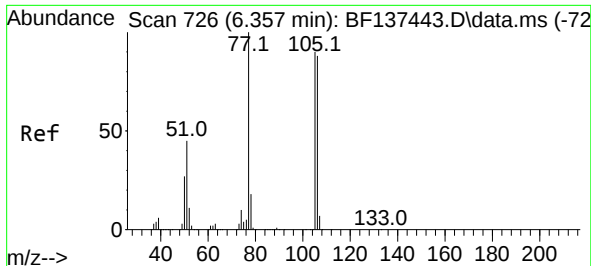
Ion Ratio Lower Upper

128 100

130 32.1 13.4 53.4

64 52.7 30.0 70.0





#9

Benzaldehyde

Concen: 12.932 ng

RT: 6.275 min Scan# 712

Delta R.T. -0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

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ClientSampleId :

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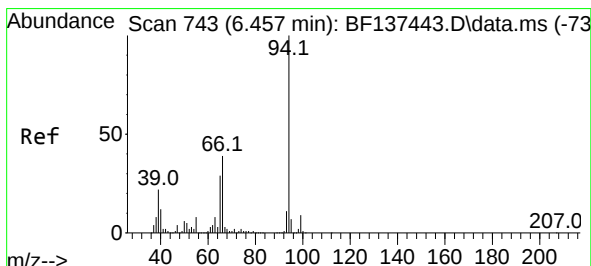
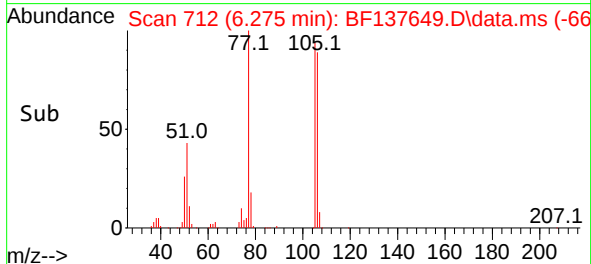
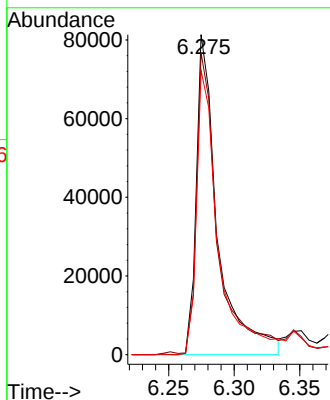
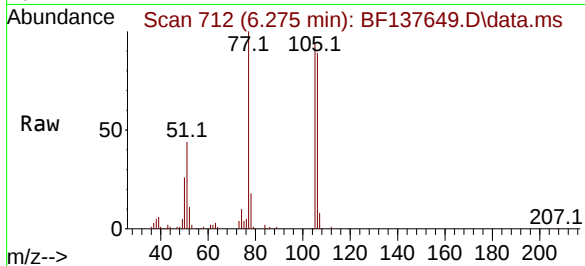
Tgt Ion: 77 Resp: 92608

Ion Ratio Lower Upper

77 100

105 94.3 69.8 109.8

106 88.8 67.8 107.8



#10

Phenol

Concen: 38.937 ng

RT: 6.381 min Scan# 730

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

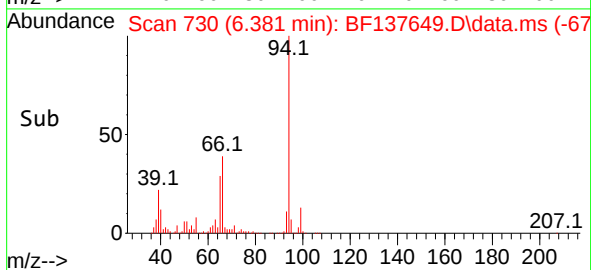
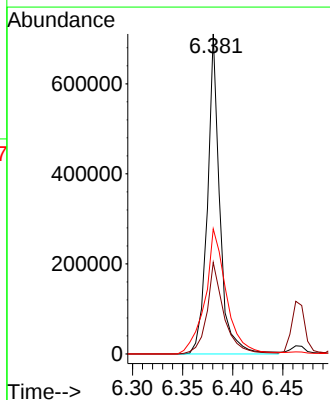
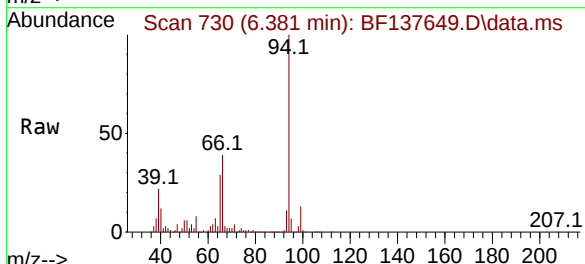
Tgt Ion: 94 Resp: 612595

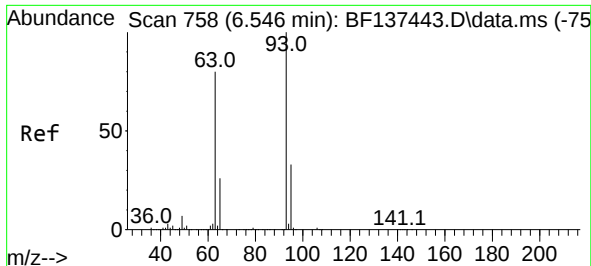
Ion Ratio Lower Upper

94 100

65 28.6 8.7 48.7

66 39.1 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 37.643 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF137649.D

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Instrument :

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146-BAY-AVENUEMSD

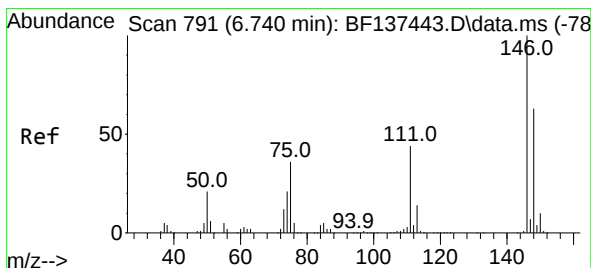
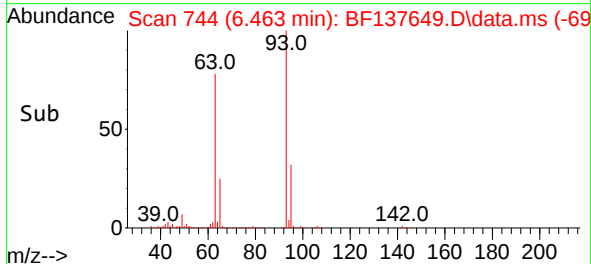
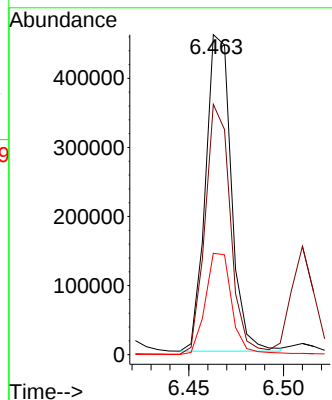
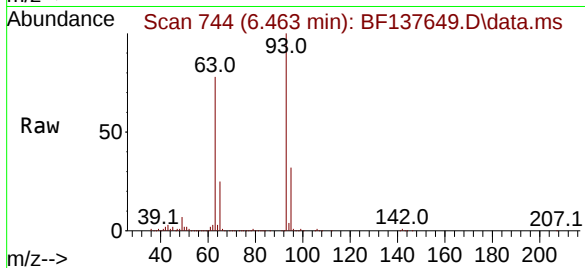
Tgt Ion: 93 Resp: 433988

Ion Ratio Lower Upper

93 100

63 78.3 58.9 98.9

95 31.7 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 41.045 ng

RT: 6.663 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

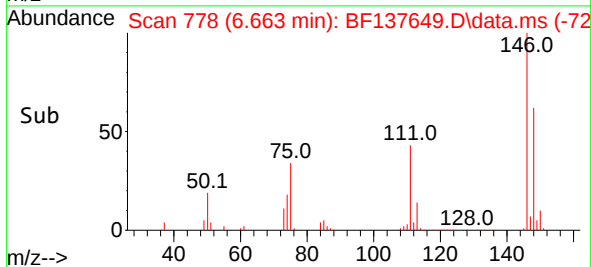
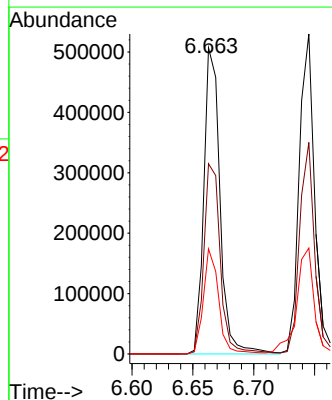
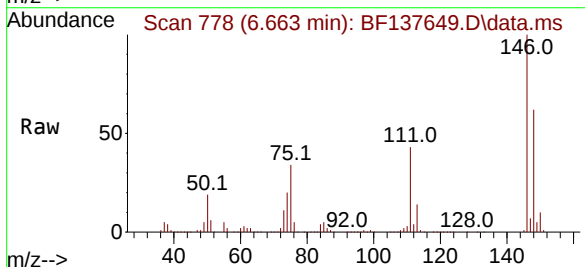
Tgt Ion: 146 Resp: 468450

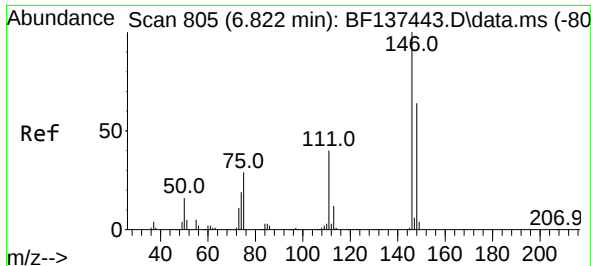
Ion Ratio Lower Upper

146 100

148 62.1 50.3 75.5

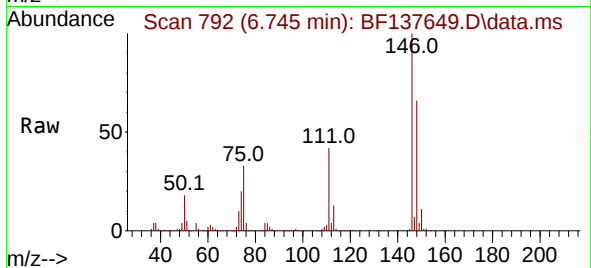
75 34.3 29.0 43.4



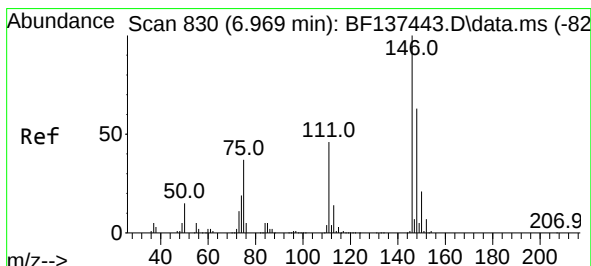
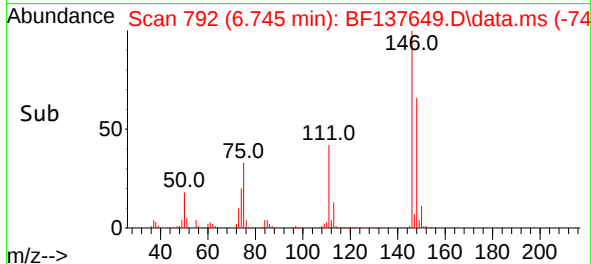
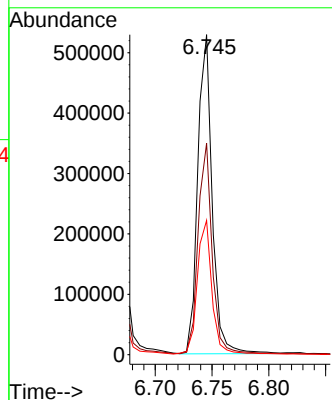


#13
1,4-Dichlorobenzene
Concen: 40.178 ng
RT: 6.745 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

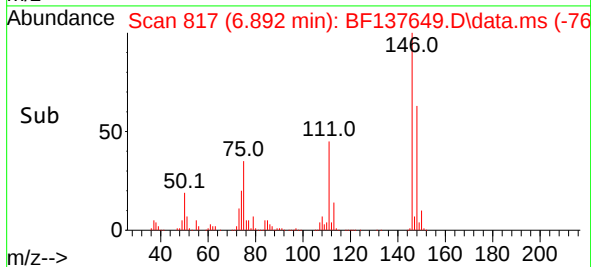
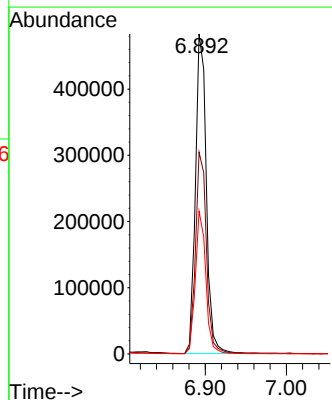
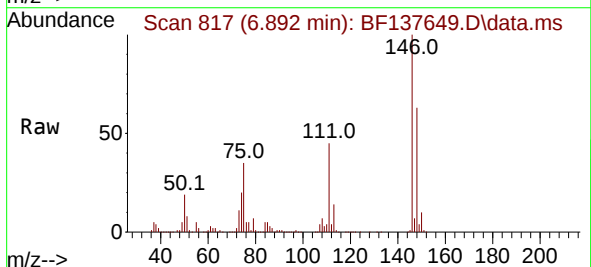


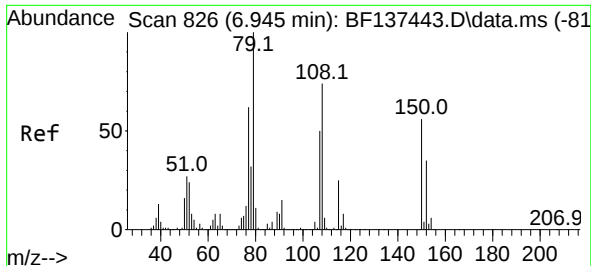
Tgt Ion:146 Resp: 469167
Ion Ratio Lower Upper
146 100
148 66.1 51.2 76.8
111 41.9 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 42.209 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:146 Resp: 452408
Ion Ratio Lower Upper
146 100
148 63.1 50.0 75.0
111 44.6 36.8 55.2

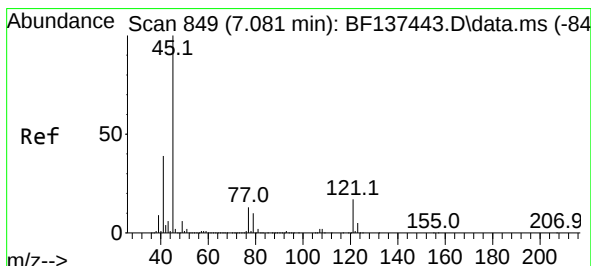
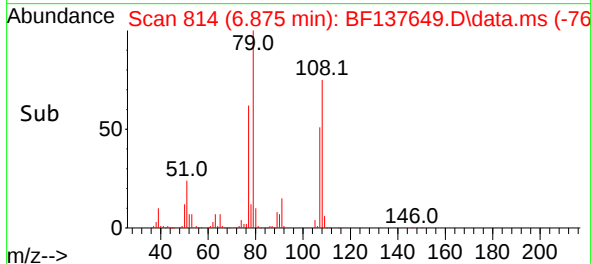
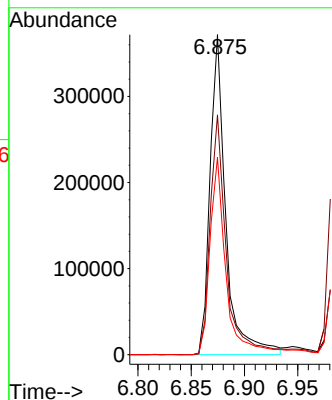
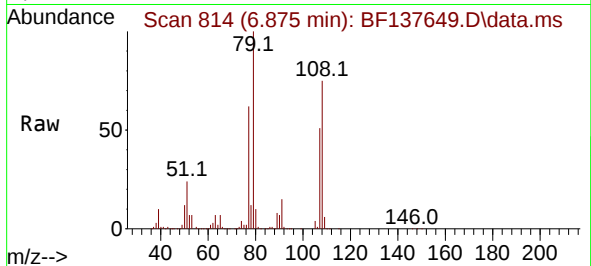




#15
Benzyl Alcohol
Concen: 42.043 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

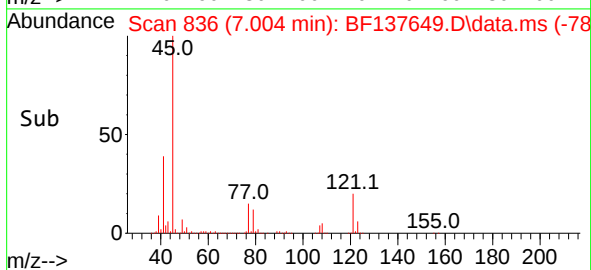
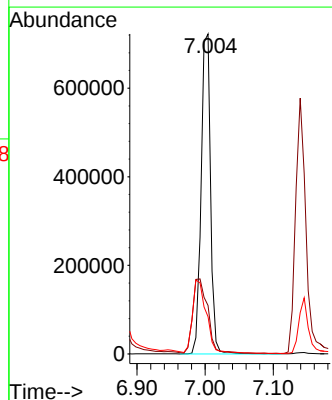
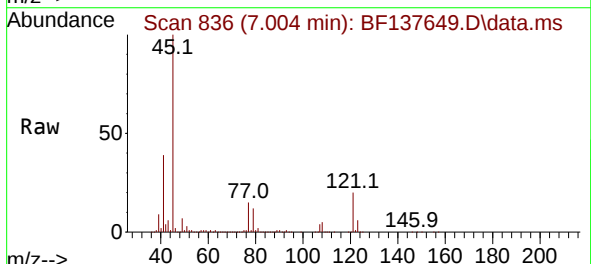
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

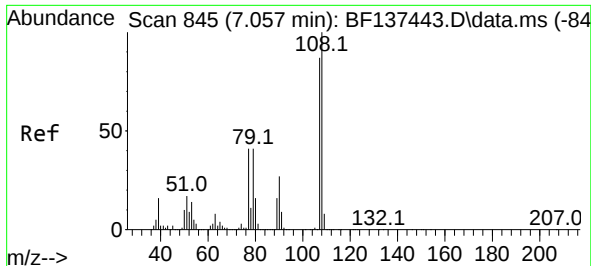
Tgt Ion: 79 Resp: 382590
Ion Ratio Lower Upper
79 100
108 75.0 59.5 89.3
77 61.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.044 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

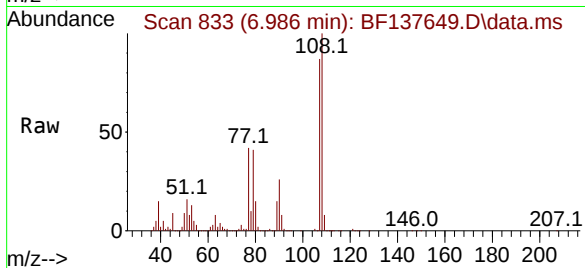
Tgt Ion: 45 Resp: 694481
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.4
79 11.6 0.0 30.9



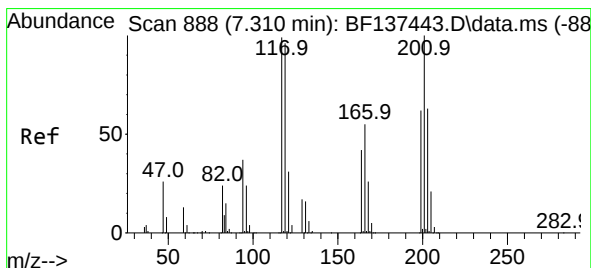
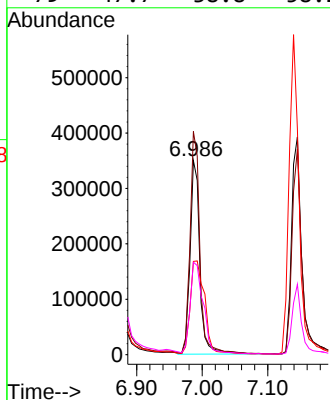
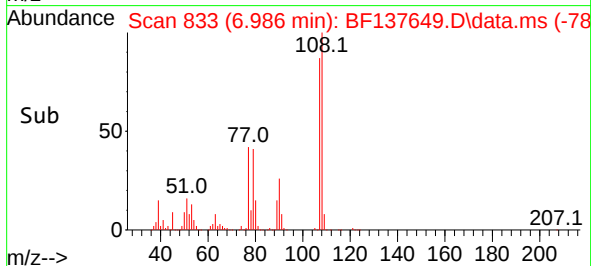


#17
2-Methylphenol
Concen: 36.387 ng
RT: 6.986 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

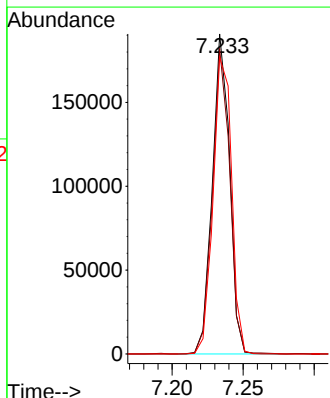
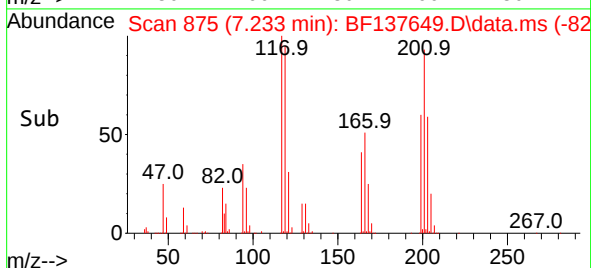
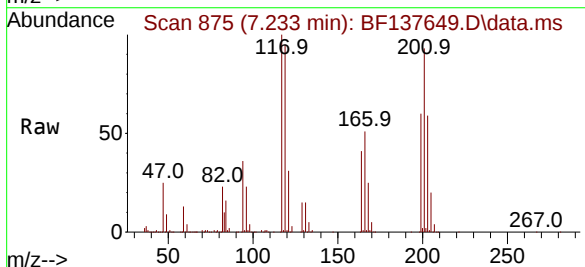


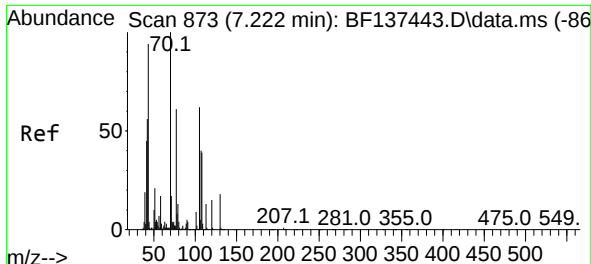
Tgt Ion:107 Resp: 363659
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 48.1 38.6 57.8
79 47.7 38.8 58.2



#18
Hexachloroethane
Concen: 41.880 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:117 Resp: 161028
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
201 92.8 80.6 121.0



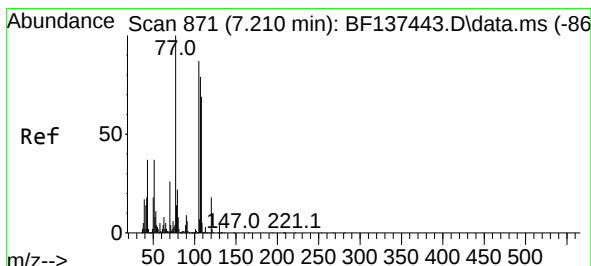
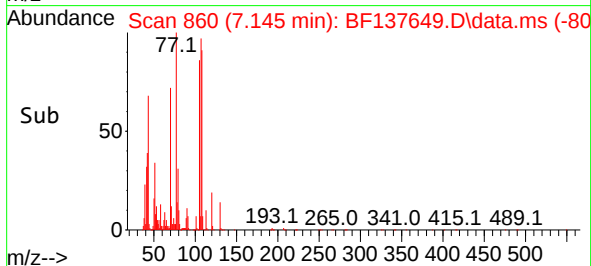
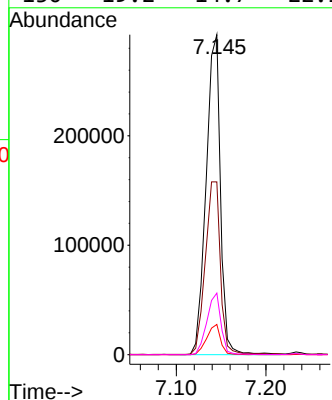
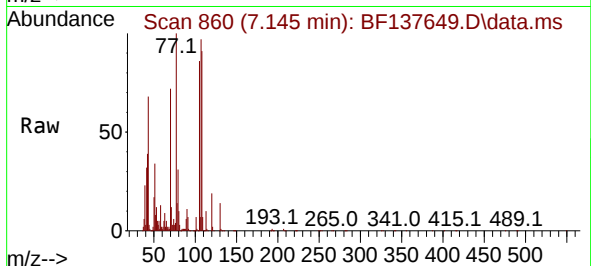


#19
n-Nitroso-di-n-propylamine
Concen: 36.015 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

Tgt Ion: 70 Resp: 325079

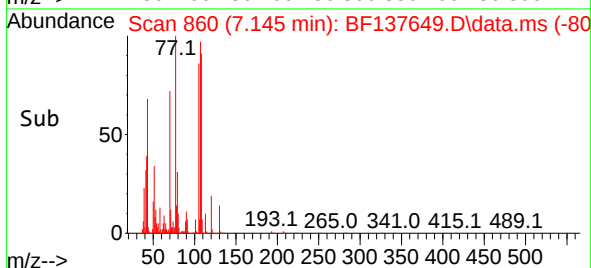
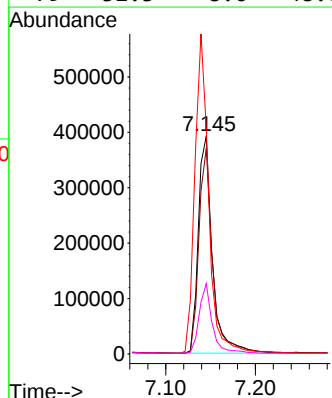
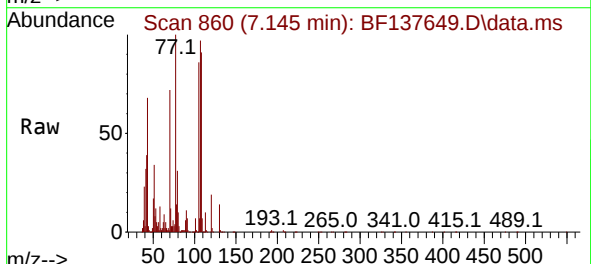
Ion	Ratio	Lower	Upper
70	100		
42	54.0	45.2	67.8
101	9.5	7.3	10.9
130	19.2	14.7	22.1

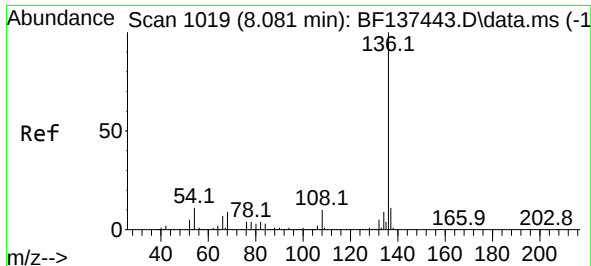


#20
3+4-Methylphenols
Concen: 37.495 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion: 107 Resp: 429173

Ion	Ratio	Lower	Upper
107	100		
108	94.4	67.6	107.6
77	103.6	107.1	147.1#
79	32.3	8.6	48.6



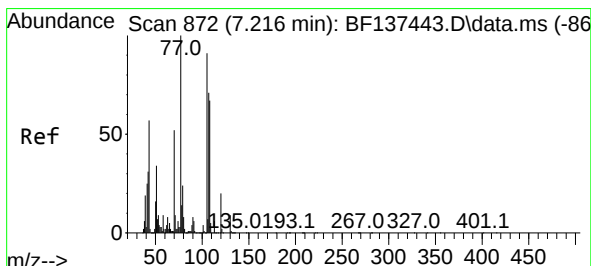
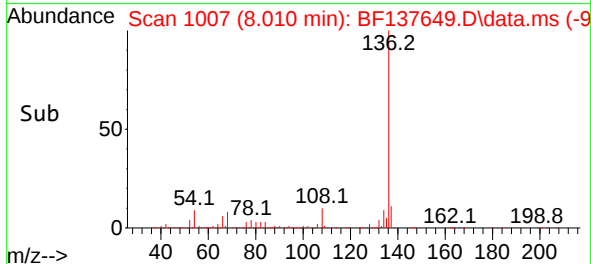
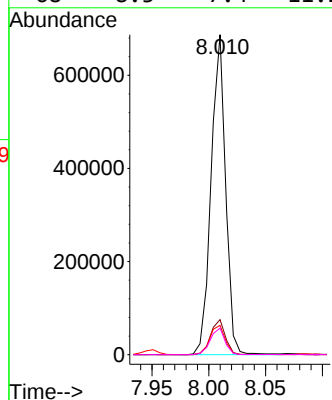
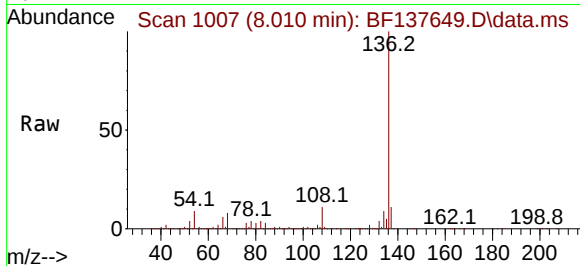


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

Tgt Ion:136 Resp: 609493

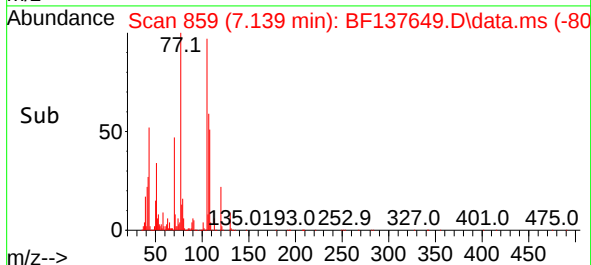
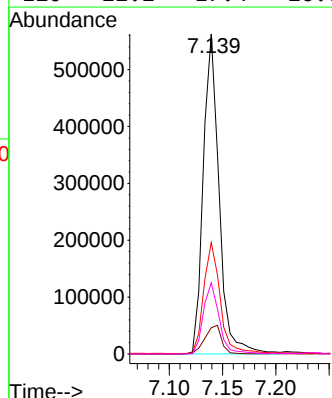
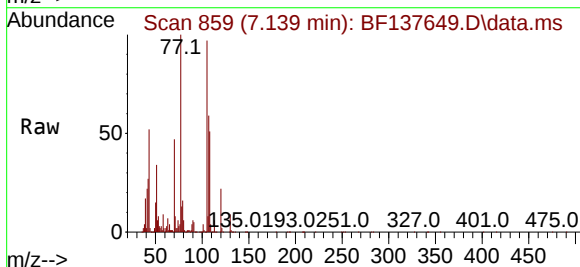
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.1	8.5	12.7
68	8.3	7.4	11.2

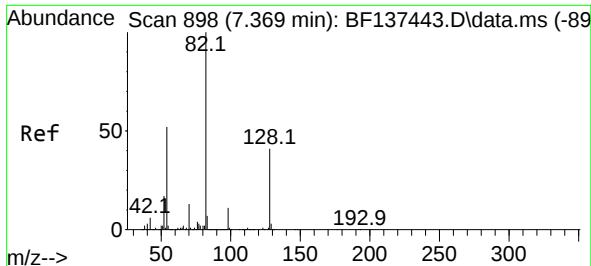


#22
Acetophenone
Concen: 39.620 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:105 Resp: 584273

Ion	Ratio	Lower	Upper
105	100		
71	8.2	7.7	11.5
51	34.8	30.4	45.6
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 57.700 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

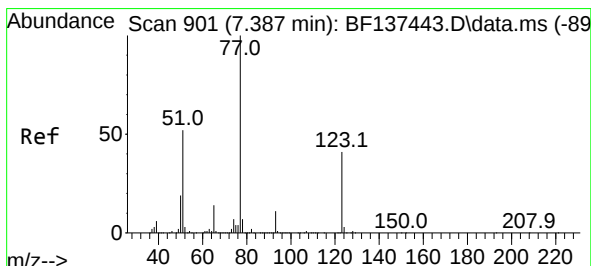
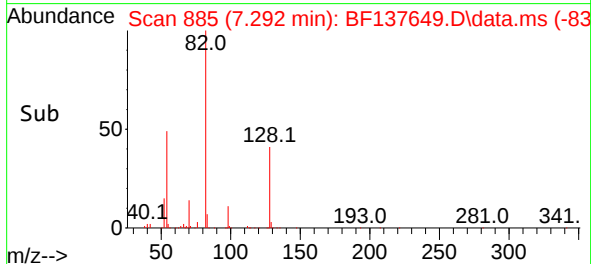
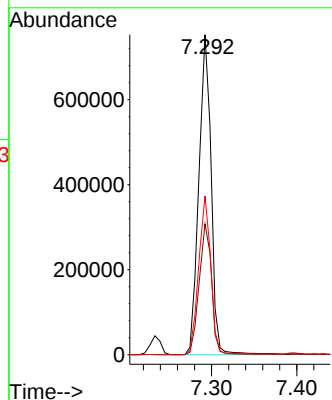
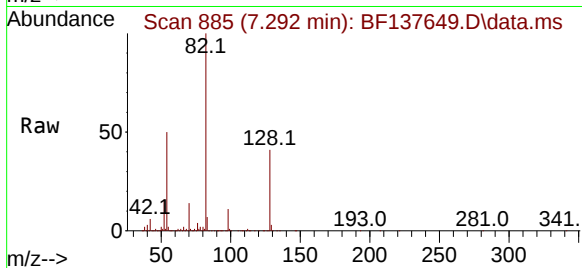
Tgt Ion: 82 Resp: 756882

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

54 49.5 41.5 62.3



#24

Nitrobenzene

Concen: 38.263 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

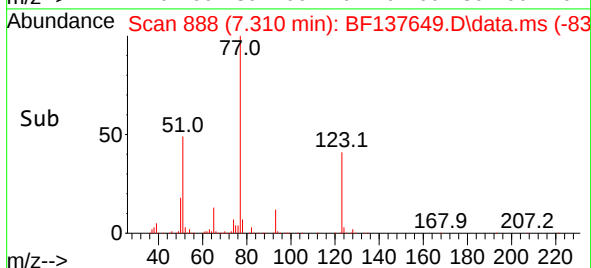
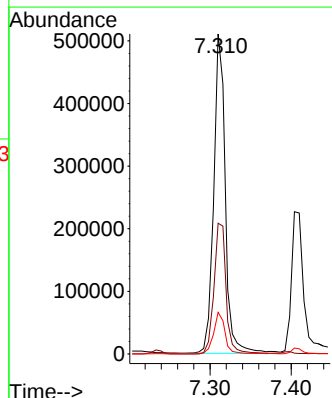
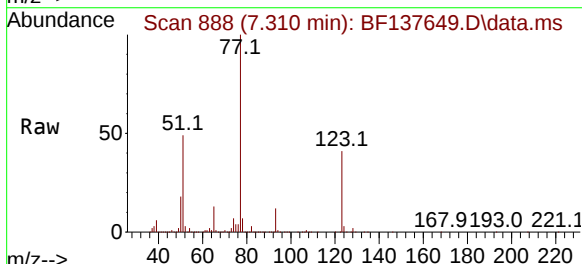
Tgt Ion: 77 Resp: 504196

Ion Ratio Lower Upper

77 100

123 40.8 33.0 49.6

65 13.0 10.9 16.3

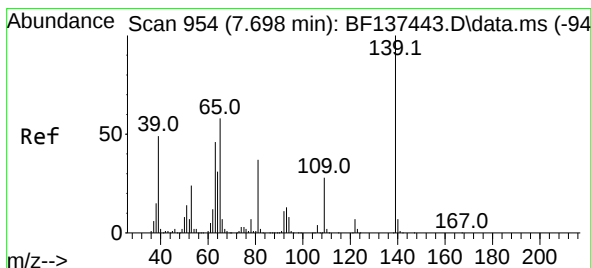
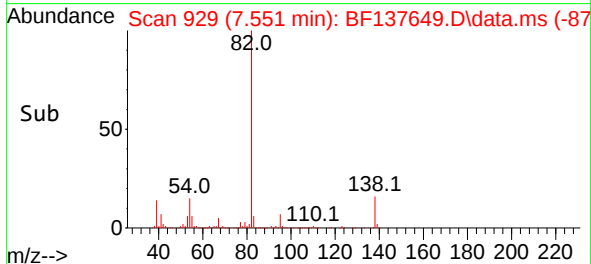
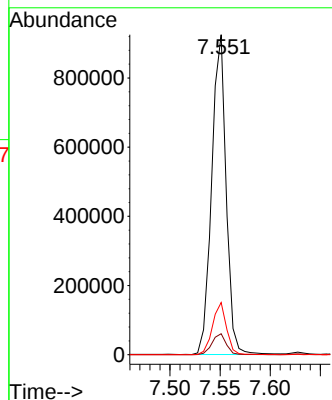
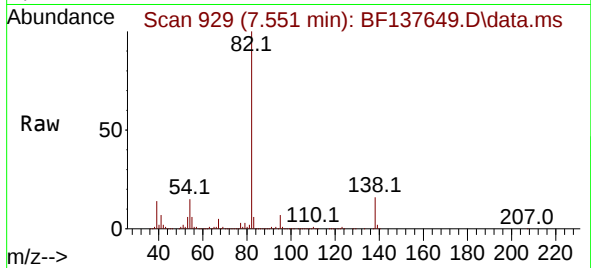




#25
Isophorone
Concen: 37.275 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

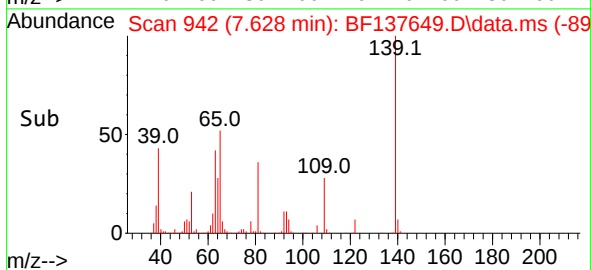
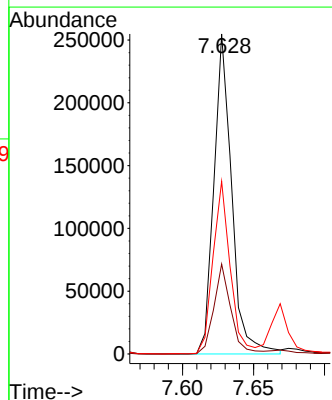
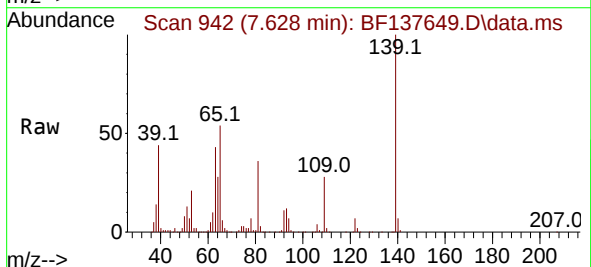
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

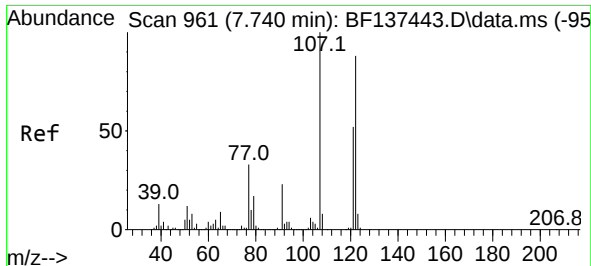
Tgt Ion: 82 Resp: 928928
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.3 11.8 17.8



#26
2-Nitrophenol
Concen: 42.481 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:139 Resp: 222242
Ion Ratio Lower Upper
139 100
109 28.1 22.2 33.4
65 53.9 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 32.033 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF137649.D

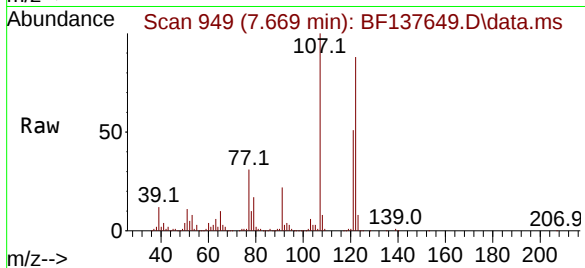
Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD



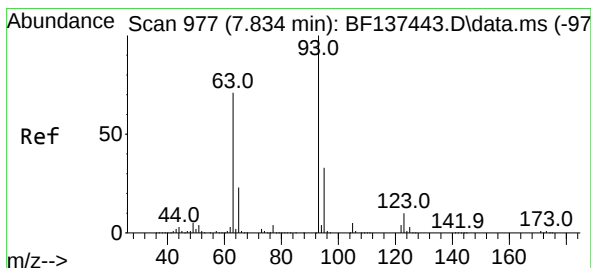
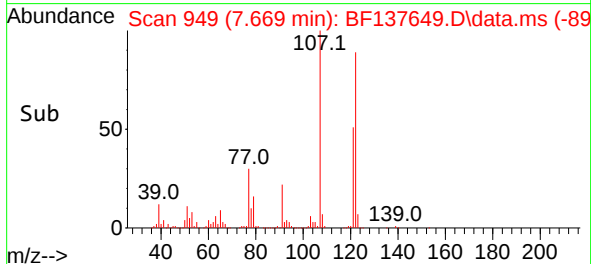
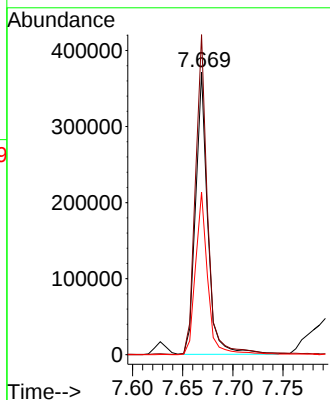
Tgt Ion:122 Resp: 313127

Ion Ratio Lower Upper

122 100

107 113.2 90.9 136.3

121 57.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 38.580 ng

RT: 7.763 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

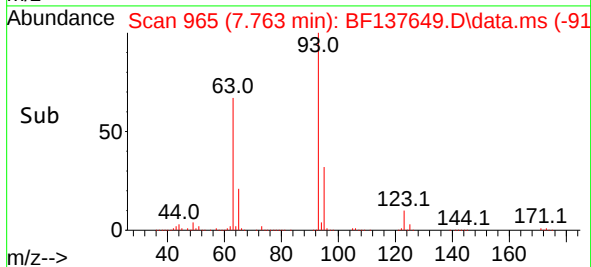
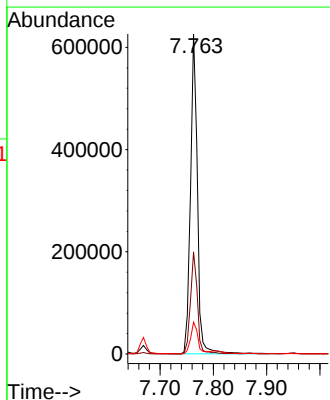
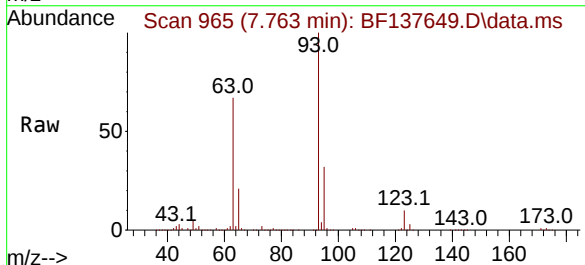
Tgt Ion: 93 Resp: 564113

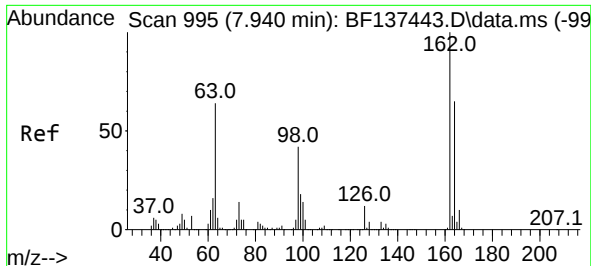
Ion Ratio Lower Upper

93 100

95 31.9 26.5 39.7

123 10.0 8.0 12.0

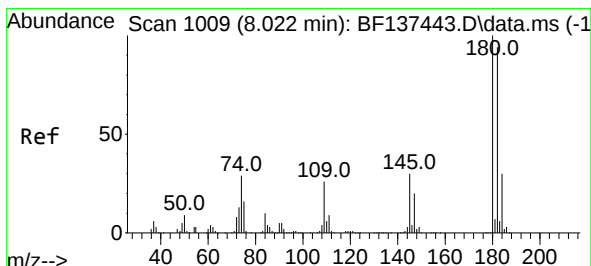
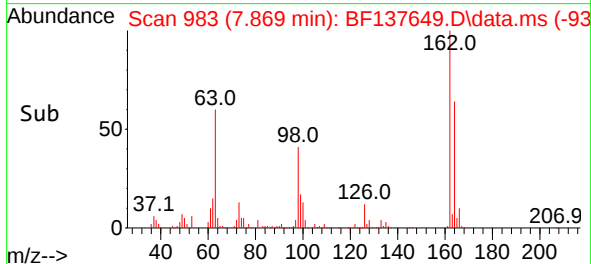
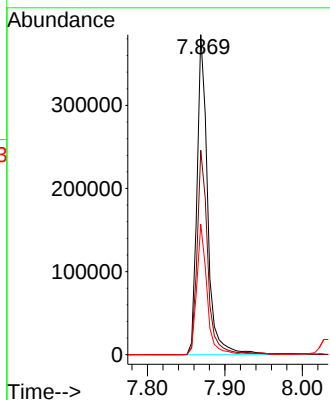
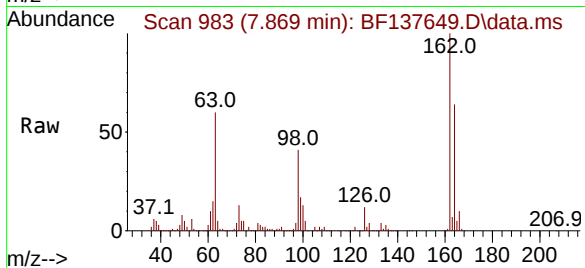




#29
2,4-Dichlorophenol
Concen: 41.018 ng
RT: 7.869 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

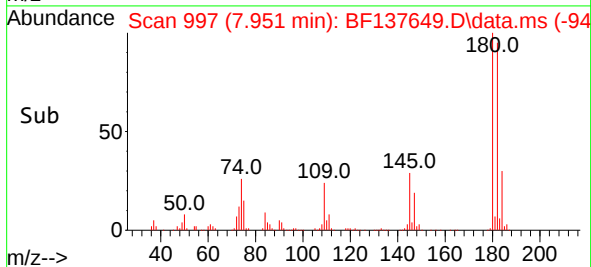
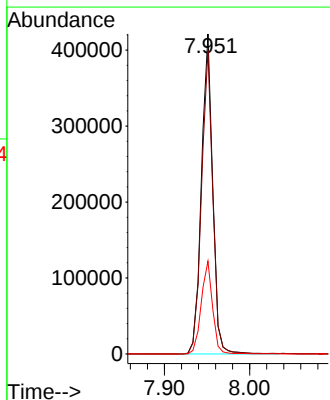
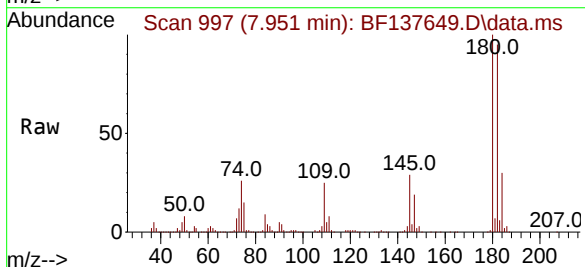
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

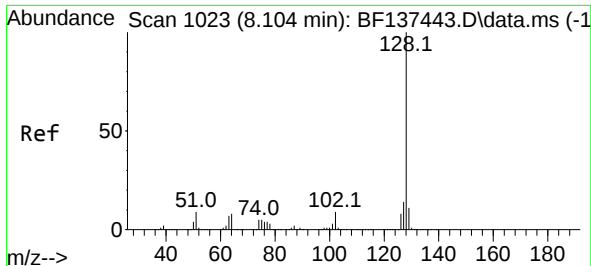
Tgt Ion:162 Resp: 367991
Ion Ratio Lower Upper
162 100
164 63.9 44.7 84.7
98 40.8 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 41.027 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:180 Resp: 387341
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.6
145 29.0 23.7 35.5

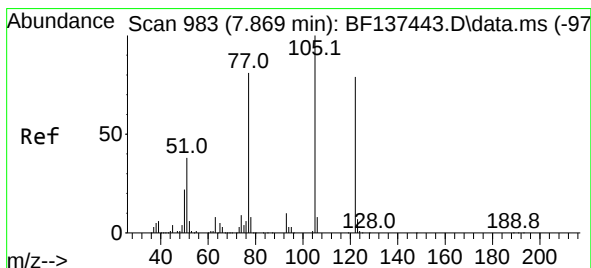
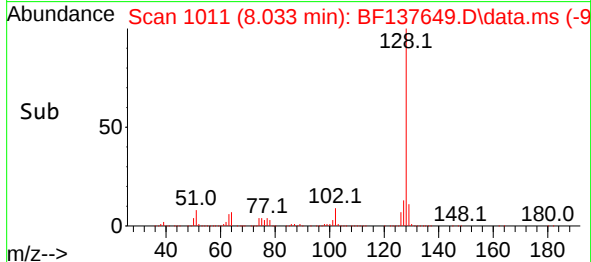
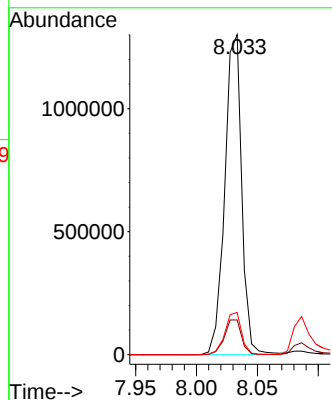
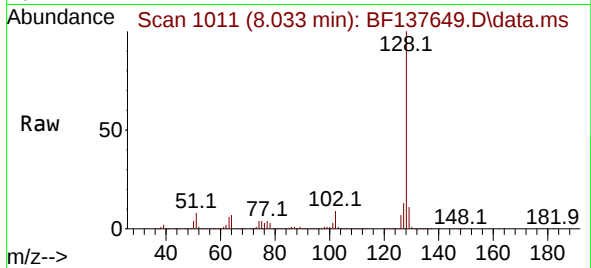




#31
Naphthalene
Concen: 38.532 ng
RT: 8.033 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

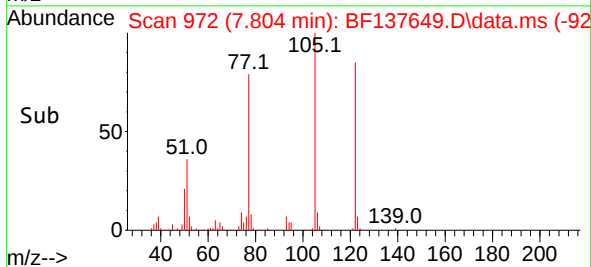
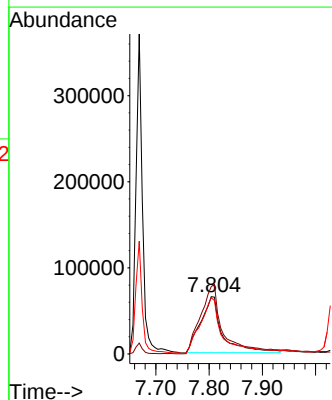
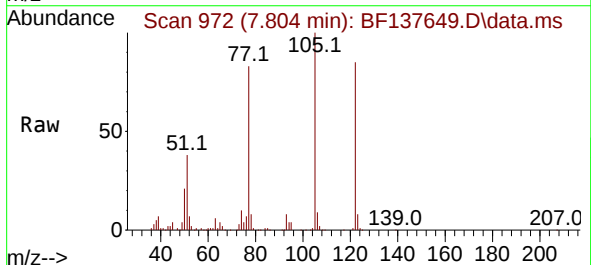
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

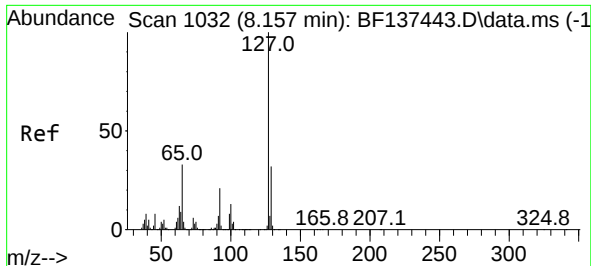
Tgt Ion:128 Resp: 1260047
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 35.103 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:122 Resp: 186642
Ion Ratio Lower Upper
122 100
105 117.7 102.4 142.4
77 98.2 81.1 121.1

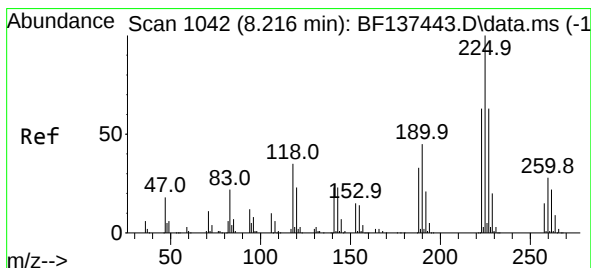
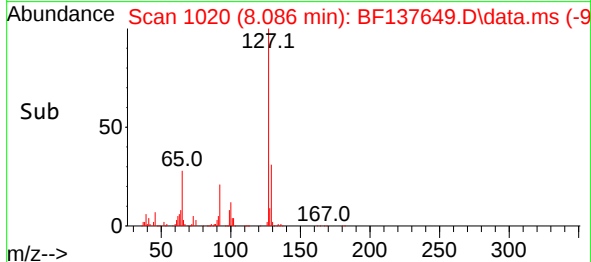
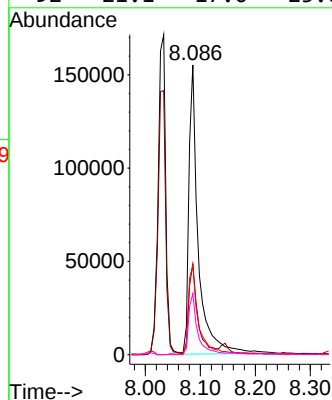
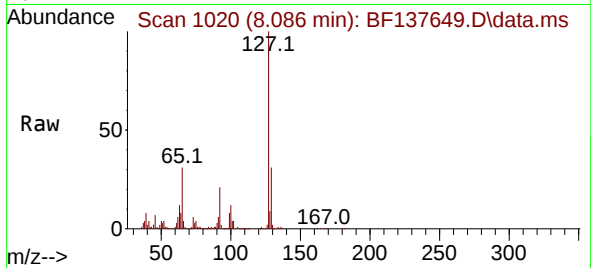




#33
4-Chloroaniline
Concen: 14.470 ng
RT: 8.086 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

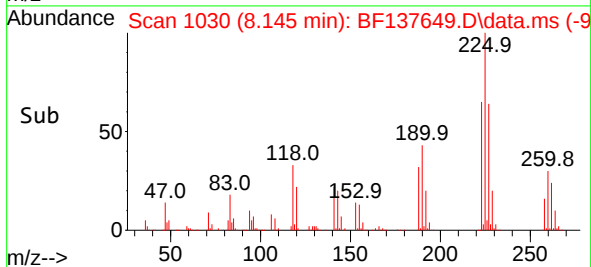
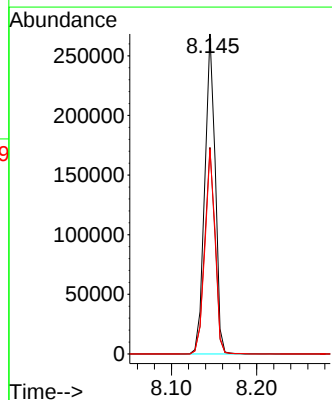
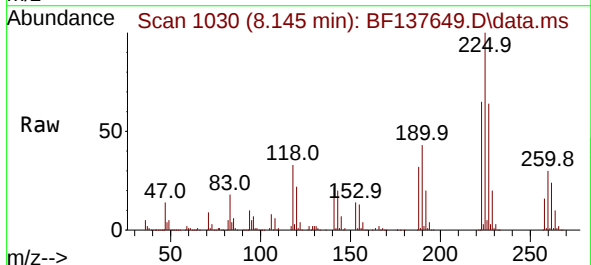
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

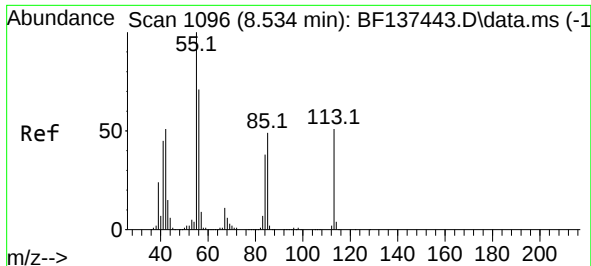
Tgt Ion:127 Resp: 185546
Ion Ratio Lower Upper
127 100
129 31.2 26.0 39.0
65 31.0 26.8 40.2
92 21.1 17.0 25.6



#34
Hexachlorobutadiene
Concen: 40.800 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:225 Resp: 227414
Ion Ratio Lower Upper
225 100
223 64.6 50.7 76.1
227 63.9 50.6 75.8

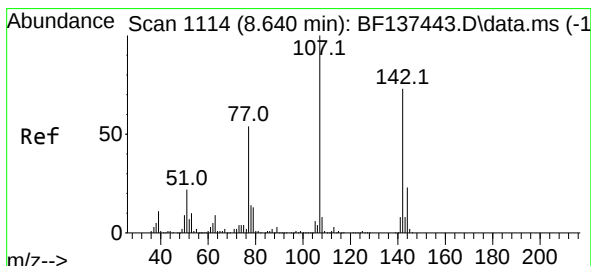
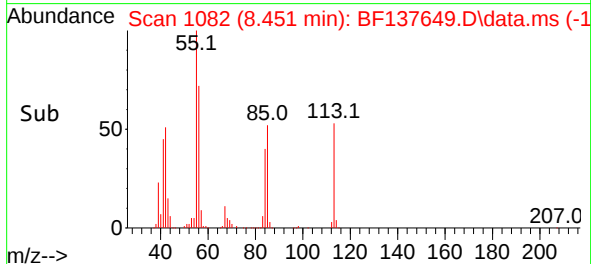
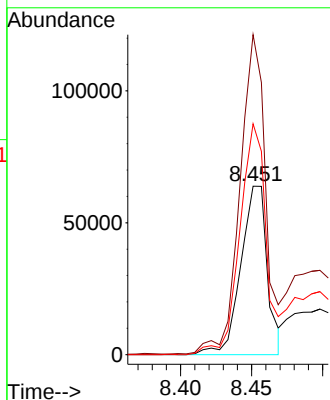
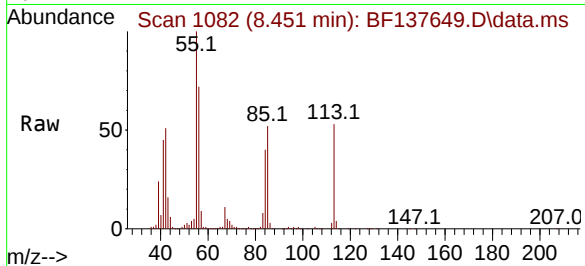




#35
 Caprolactam
 Concen: 27.329 ng
 RT: 8.451 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

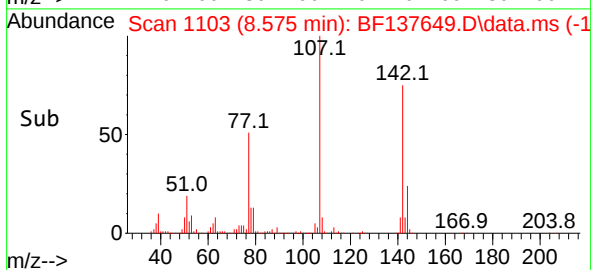
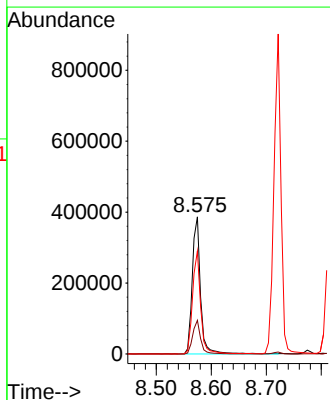
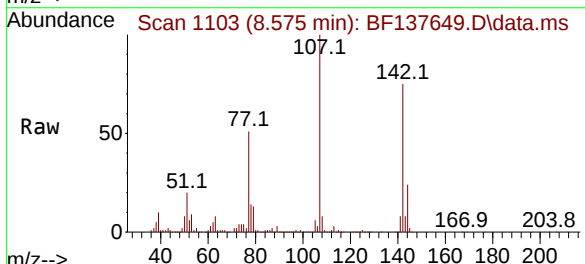
Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUEMSD

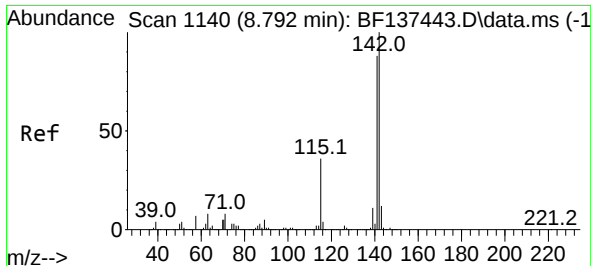
Tgt Ion:113 Resp: 83138
 Ion Ratio Lower Upper
 113 100
 55 189.9 176.7 216.7
 56 137.0 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.916 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

Tgt Ion:107 Resp: 400294
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.7 28.1
 142 75.0 58.2 87.2





#37

2-Methylnaphthalene

Concen: 38.355 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

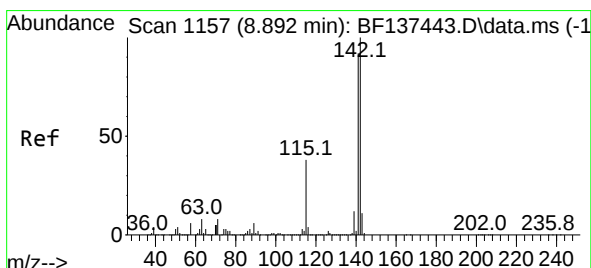
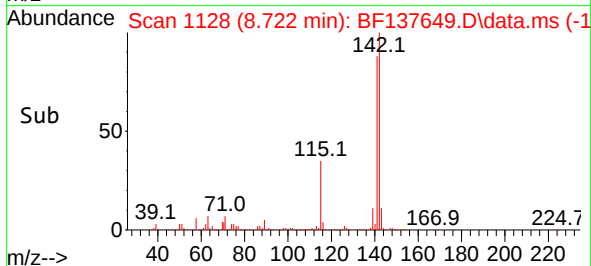
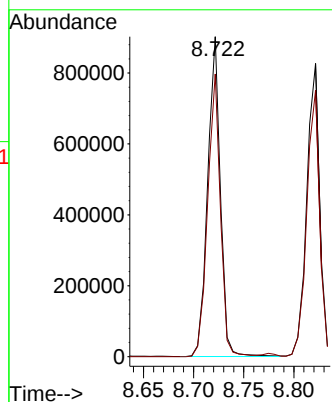
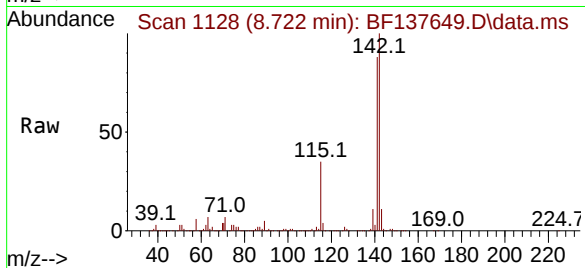
146-BAY-AVENUEMSD

Tgt Ion:142 Resp: 799588

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6



#38

1-Methylnaphthalene

Concen: 37.532 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137649.D

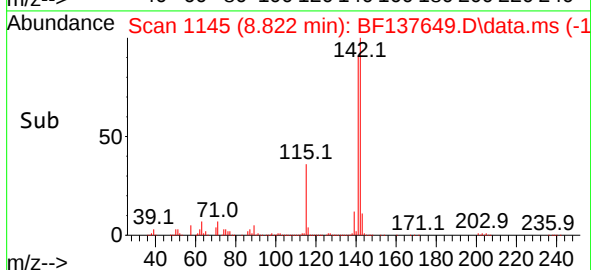
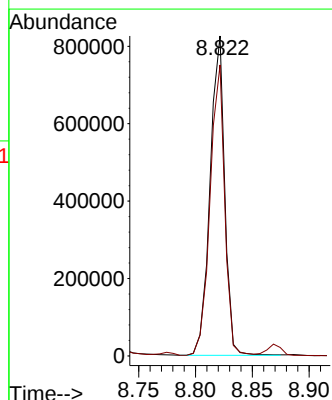
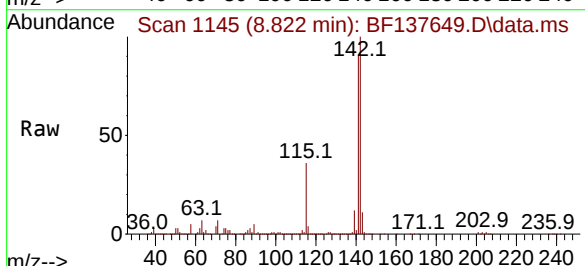
Acq: 19 Mar 2024 15:43

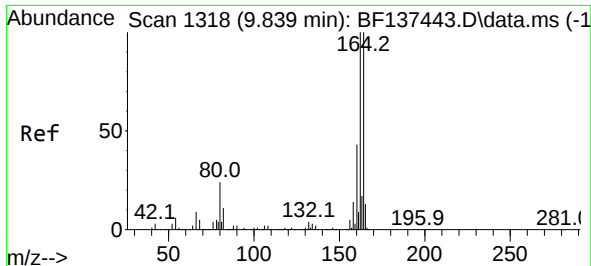
Tgt Ion:142 Resp: 736843

Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

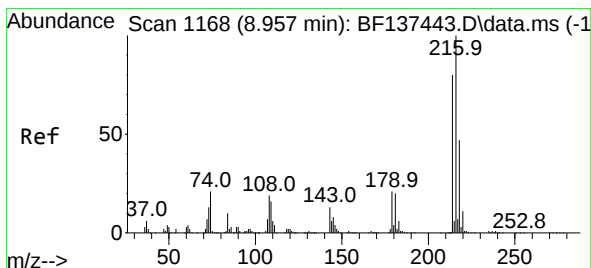
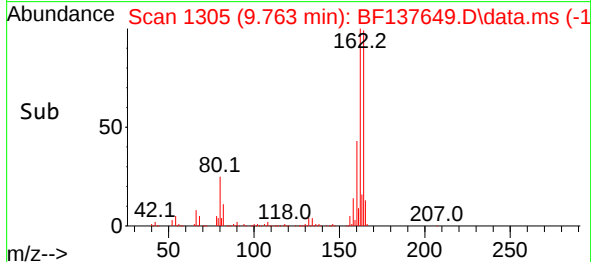
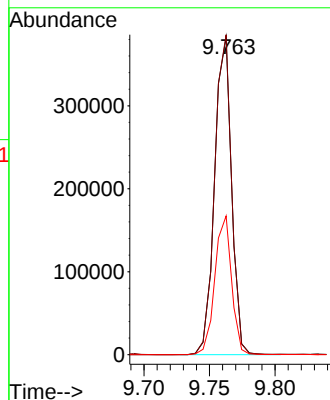
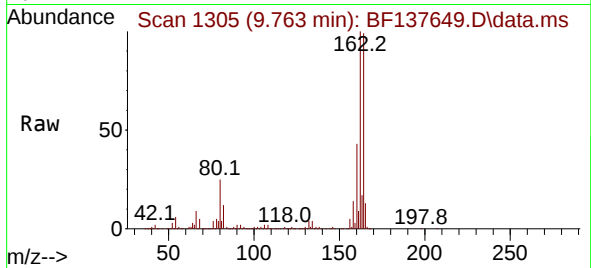
Tgt Ion:164 Resp: 344335

Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.8

160 43.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.686 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Tgt Ion:216 Resp: 391111

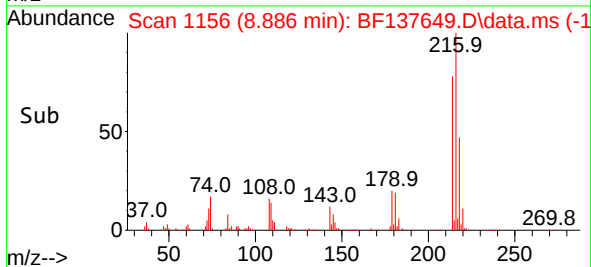
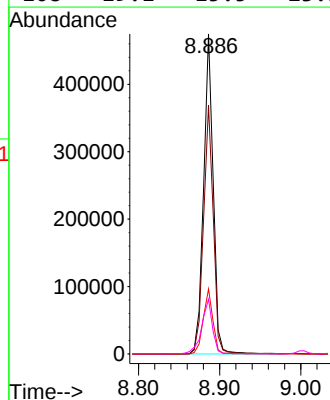
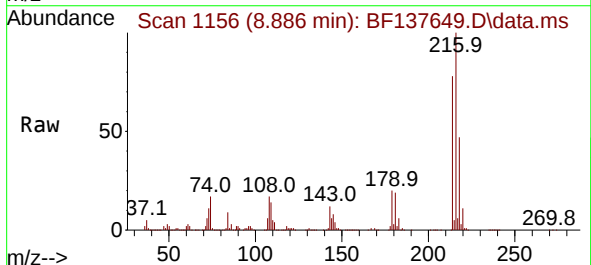
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 20.4 16.6 25.0

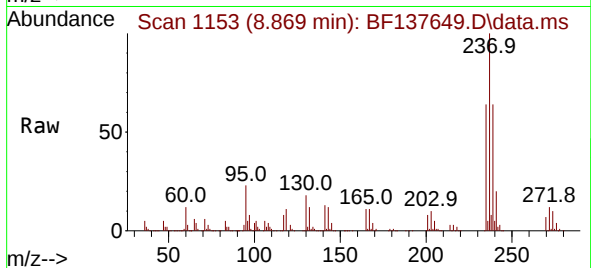
108 19.1 15.5 23.3



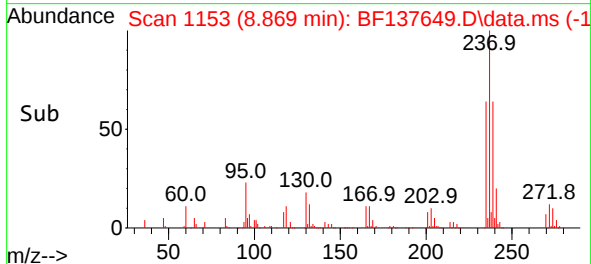
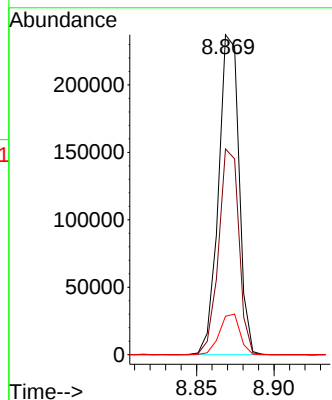


#41
Hexachlorocyclopentadiene
Concen: 58.209 ng
RT: 8.869 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

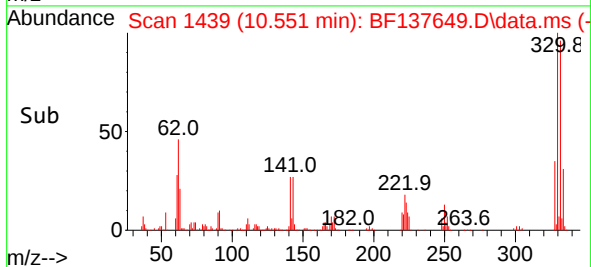
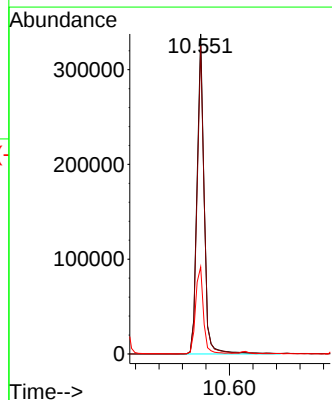
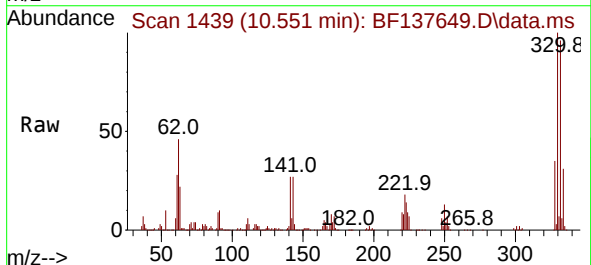


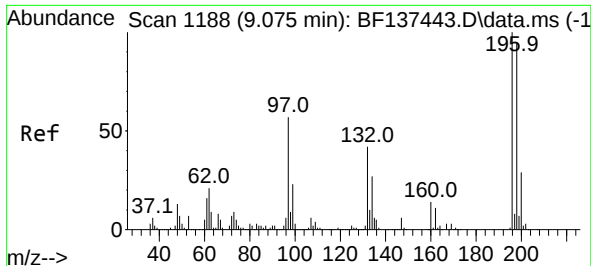
Tgt Ion:237 Resp: 218537
Ion Ratio Lower Upper
237 100
235 64.3 43.6 83.6
272 12.0 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 93.195 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:330 Resp: 281807
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 30.3 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 40.415 ng

RT: 9.004 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

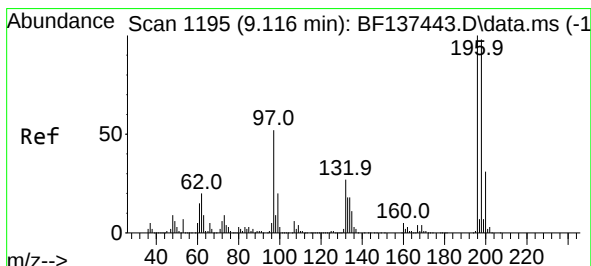
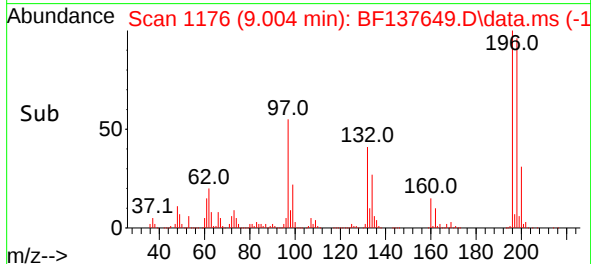
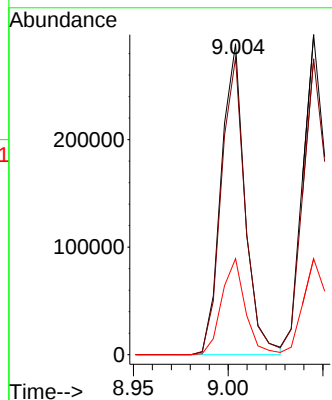
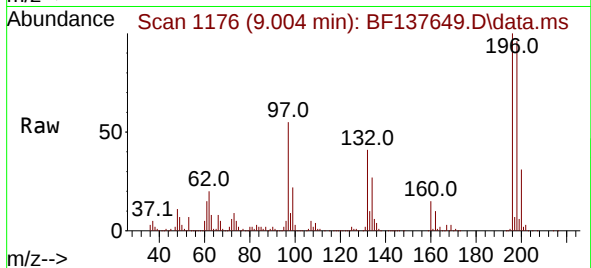
Tgt Ion:196 Resp: 252998

Ion Ratio Lower Upper

196 100

198 95.6 75.8 113.8

200 30.9 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 38.209 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Tgt Ion:196 Resp: 275533

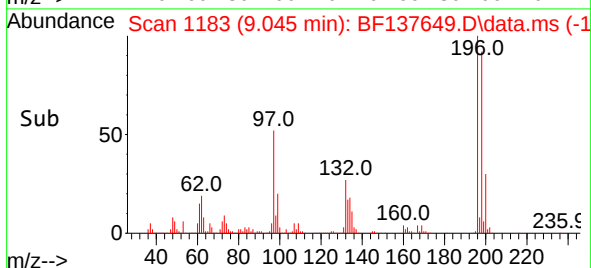
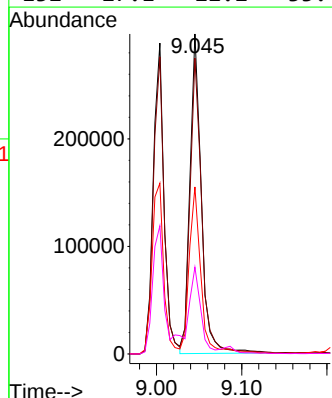
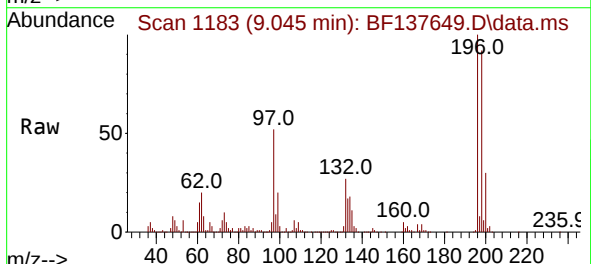
Ion Ratio Lower Upper

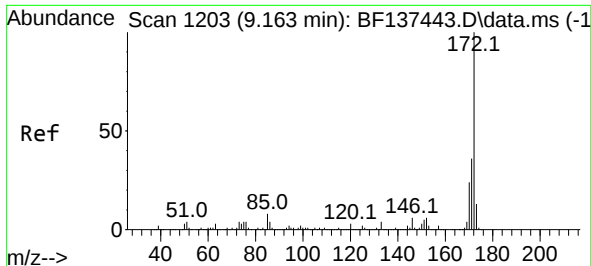
196 100

198 92.5 78.6 117.8

97 52.2 41.8 62.8

132 27.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 58.266 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

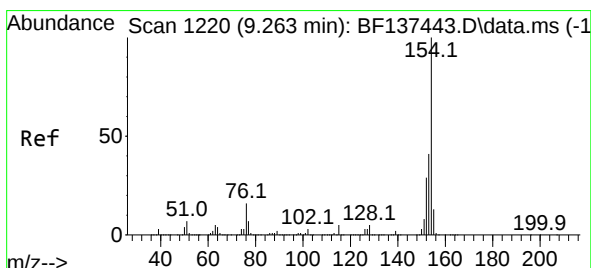
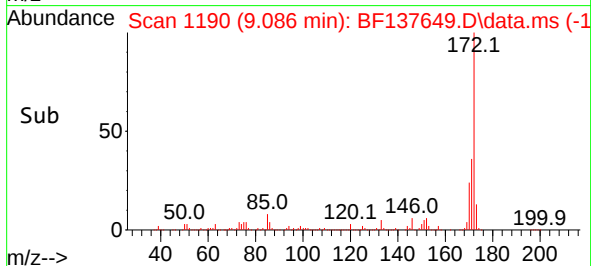
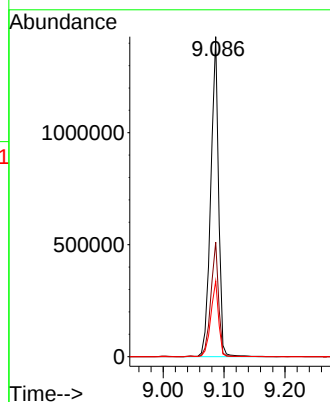
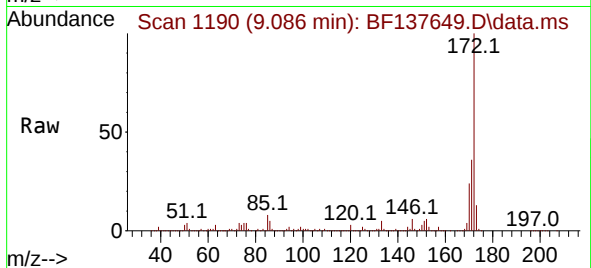
Tgt Ion:172 Resp: 1281692

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.319 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

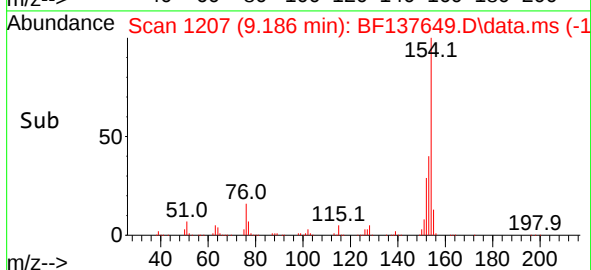
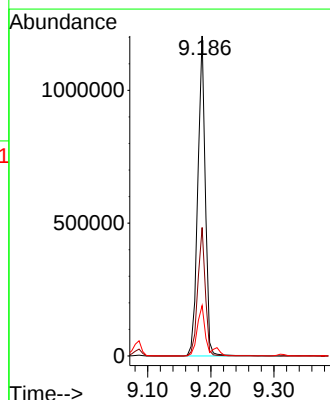
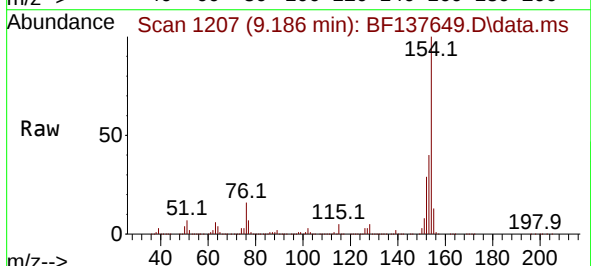
Tgt Ion:154 Resp: 990936

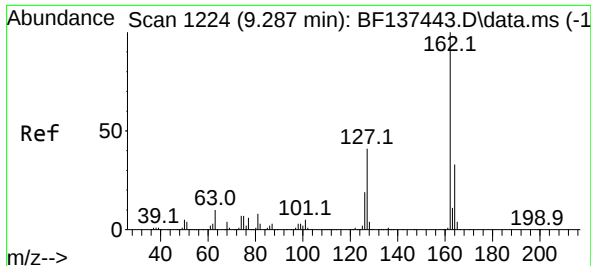
Ion Ratio Lower Upper

154 100

153 40.2 21.0 61.0

76 15.8 0.0 35.8





#47

2-Chloronaphthalene

Concen: 40.149 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

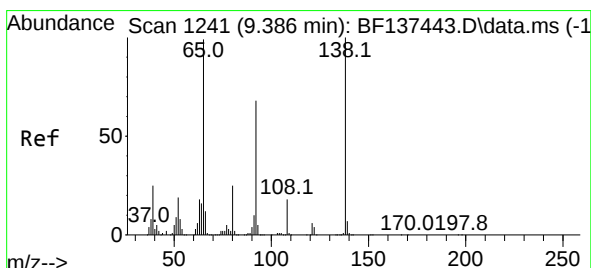
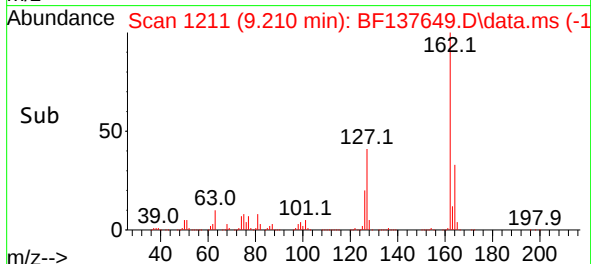
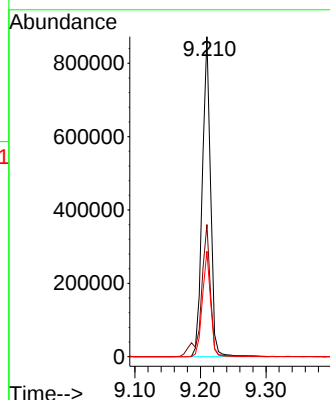
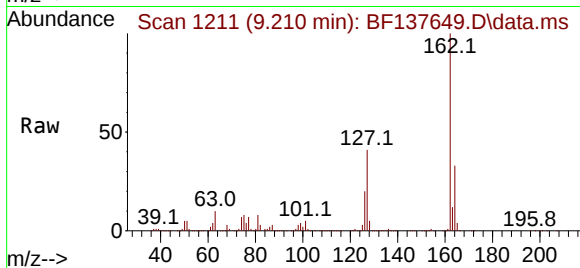
Tgt Ion:162 Resp: 771452

Ion Ratio Lower Upper

162 100

127 41.3 32.6 49.0

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 41.073 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

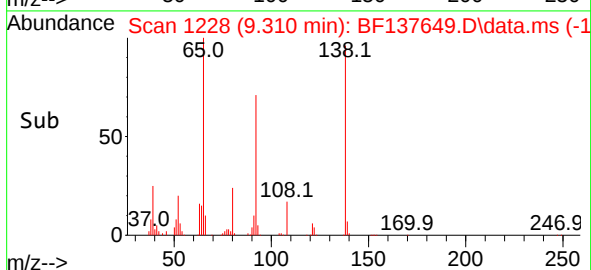
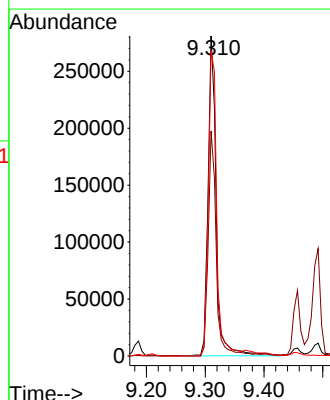
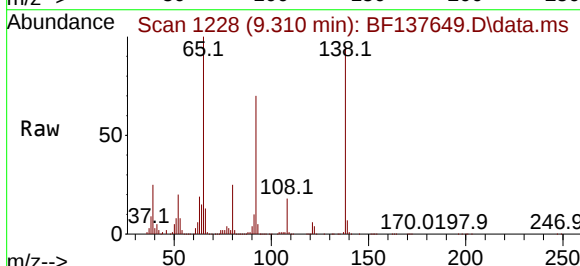
Tgt Ion: 65 Resp: 268246

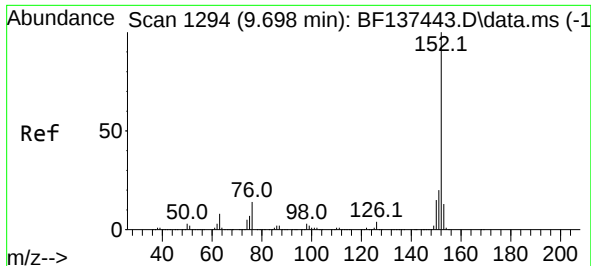
Ion Ratio Lower Upper

65 100

92 70.3 55.4 83.2

138 95.5 81.0 121.6





#49

Acenaphthylene

Concen: 40.535 ng

RT: 9.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

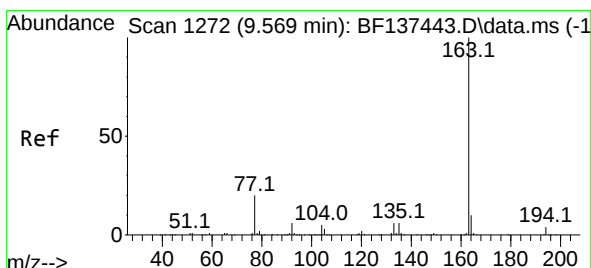
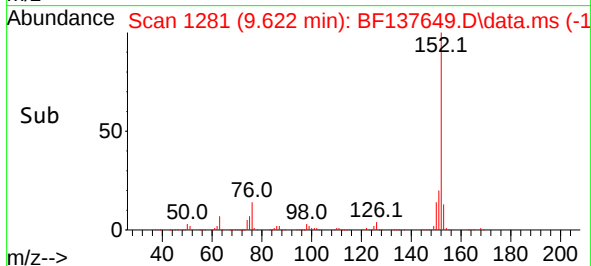
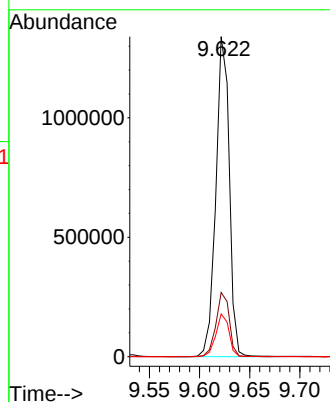
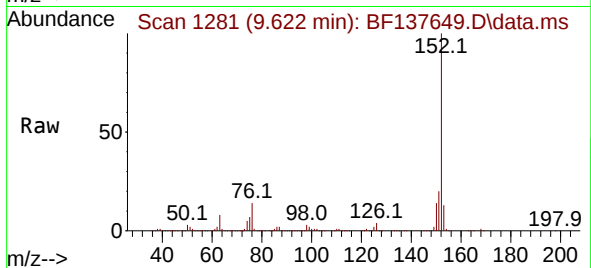
Tgt Ion:152 Resp: 1246448

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 38.855 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

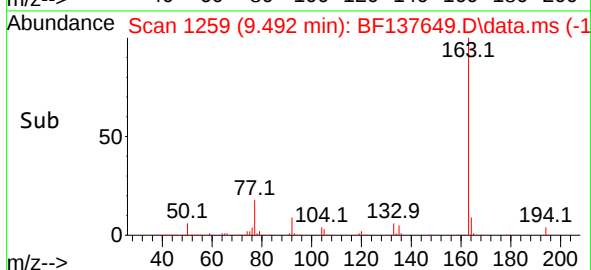
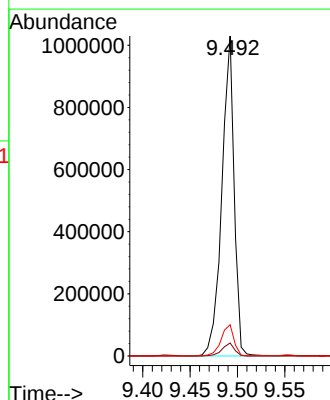
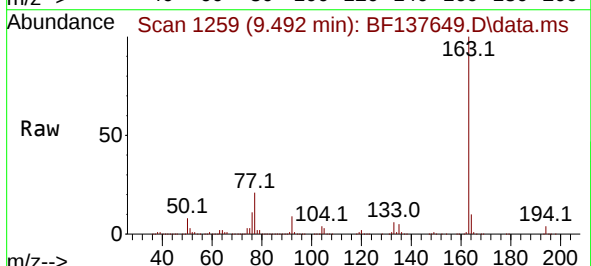
Tgt Ion:163 Resp: 931353

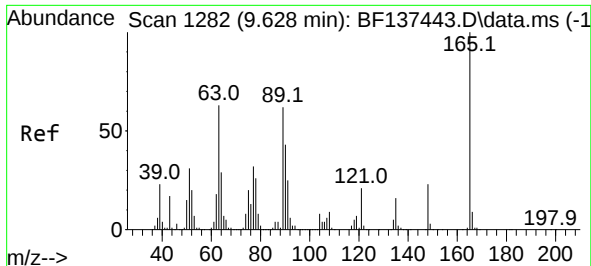
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.355 ng

RT: 9.551 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

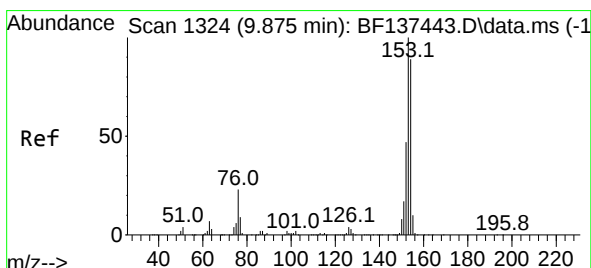
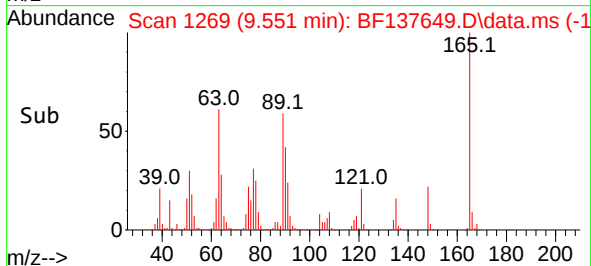
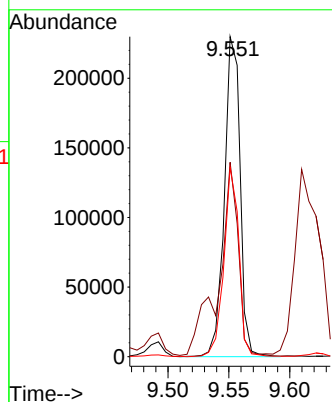
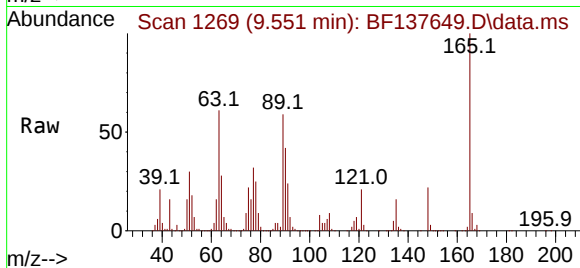
Tgt Ion:165 Resp: 207333

Ion Ratio Lower Upper

165 100

63 60.7 50.7 76.1

89 59.2 50.0 75.0



#52

Acenaphthene

Concen: 37.911 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

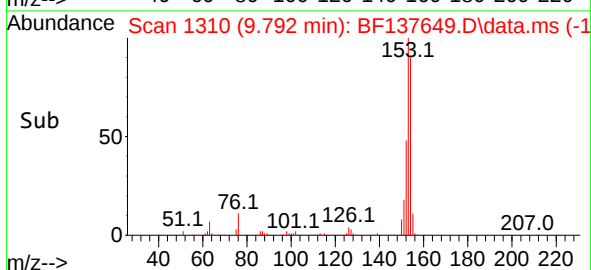
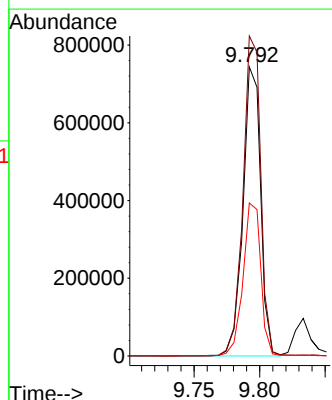
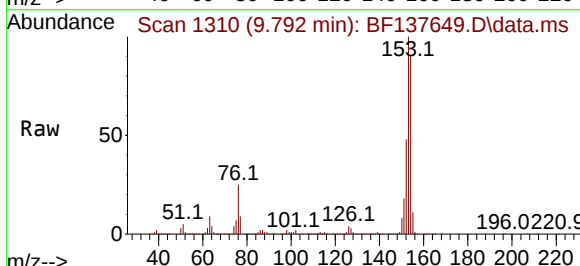
Tgt Ion:154 Resp: 695975

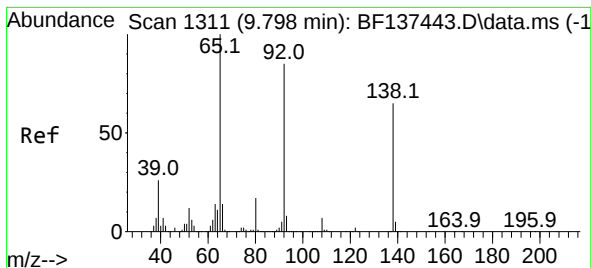
Ion Ratio Lower Upper

154 100

153 110.7 90.3 135.5

152 52.9 42.7 64.1





#53

3-Nitroaniline

Concen: 23.328 ng

RT: 9.722 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

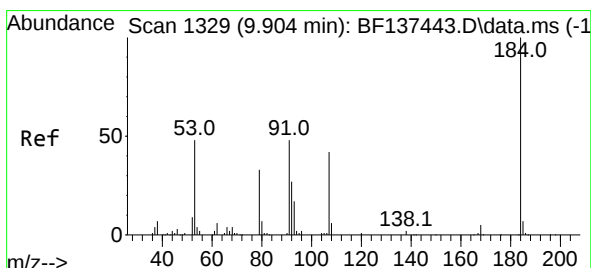
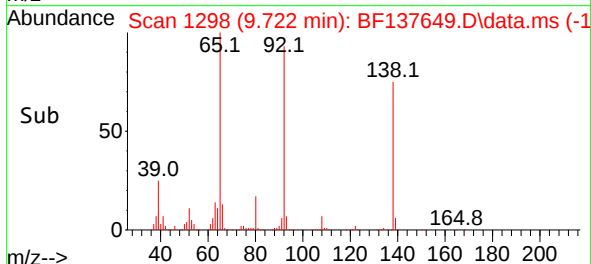
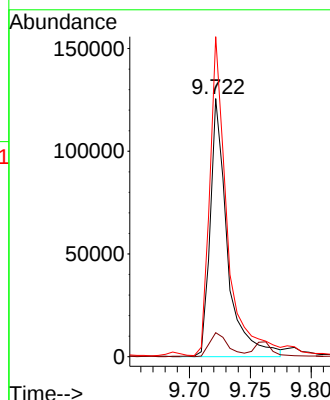
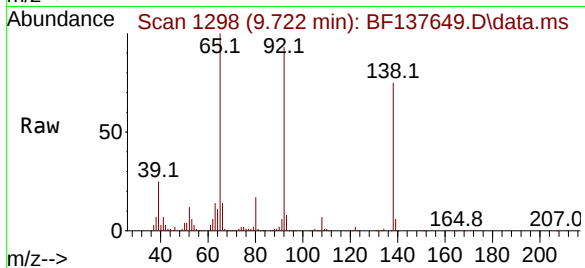
Tgt Ion:138 Resp: 123706

Ion Ratio Lower Upper

138 100

108 9.3 9.1 13.7

92 124.0 104.6 157.0



#54

2,4-Dinitrophenol

Concen: 65.915 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

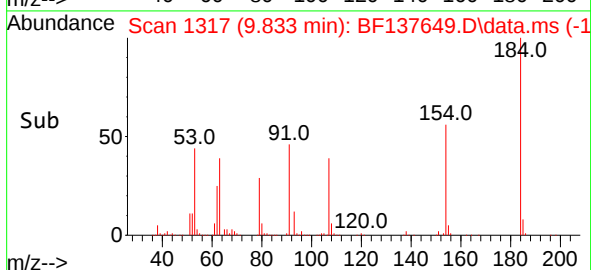
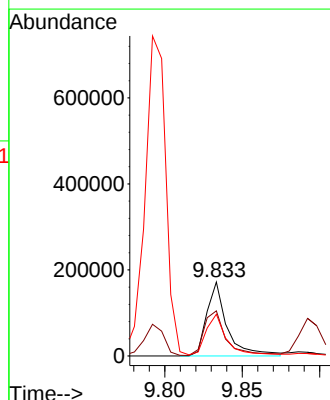
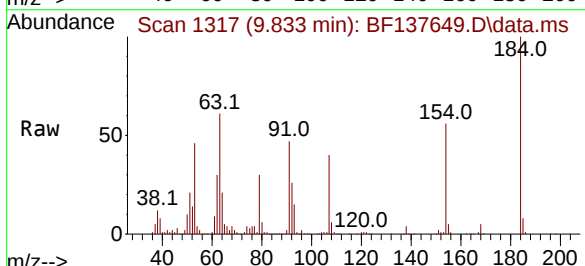
Tgt Ion:184 Resp: 157238

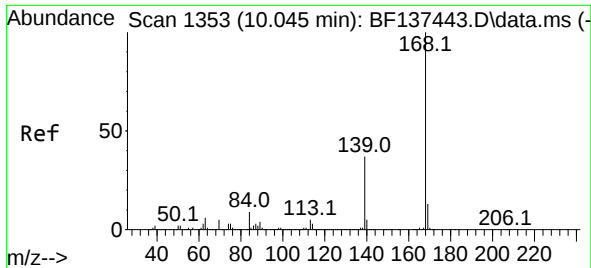
Ion Ratio Lower Upper

184 100

63 61.0 53.3 79.9

154 56.4 47.4 71.0

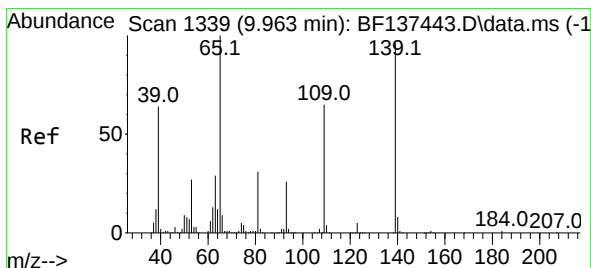
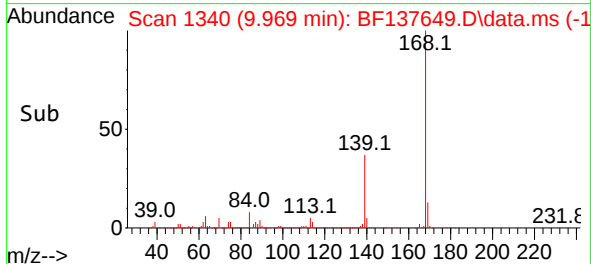
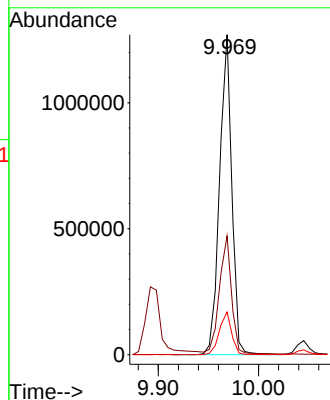
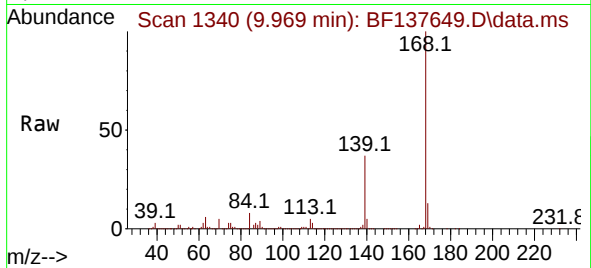




#55
Dibenzenofuran
Concen: 38.294 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

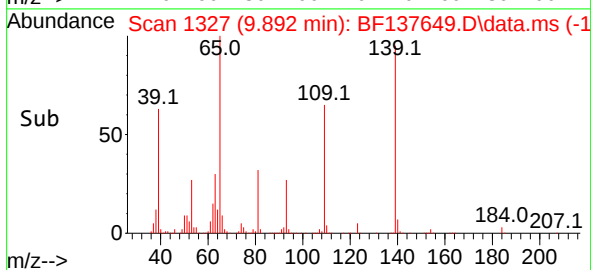
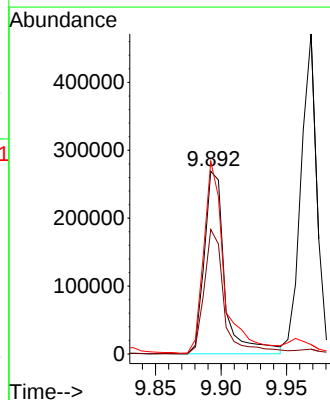
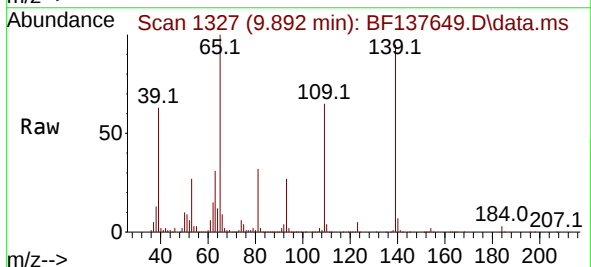
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

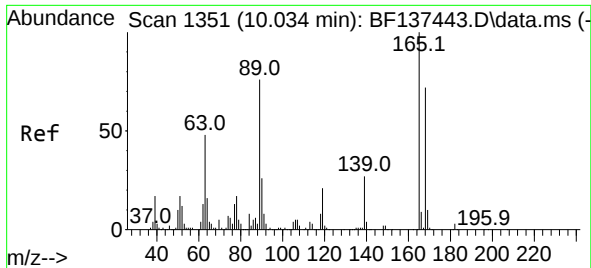
Tgt Ion:168 Resp: 1070731
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 78.033 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:139 Resp: 293958
Ion Ratio Lower Upper
139 100
109 68.1 47.1 87.1
65 105.4 85.1 125.1

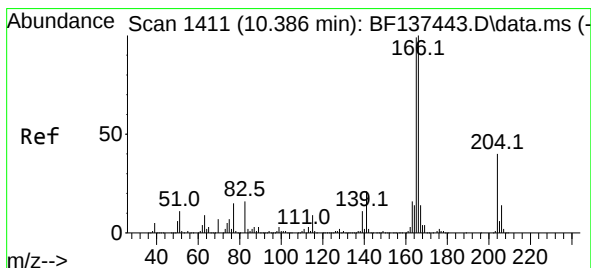
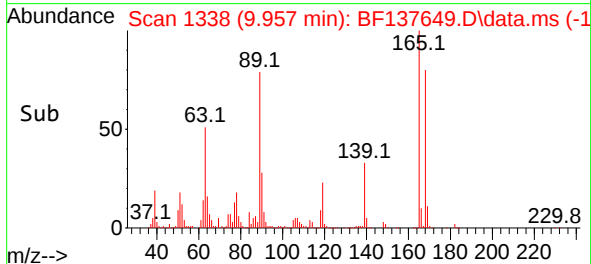
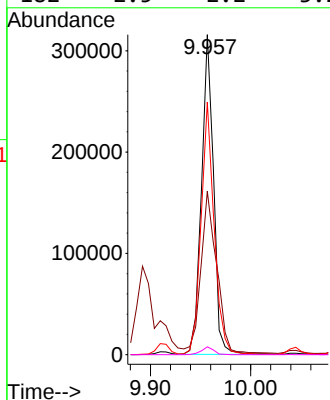
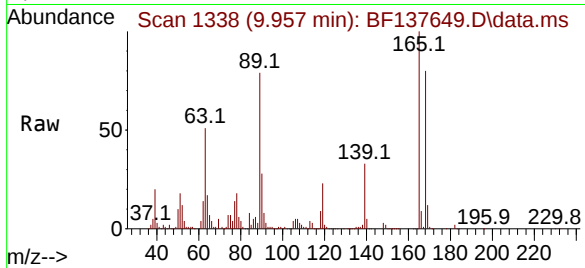




#57
2,4-Dinitrotoluene
Concen: 42.933 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

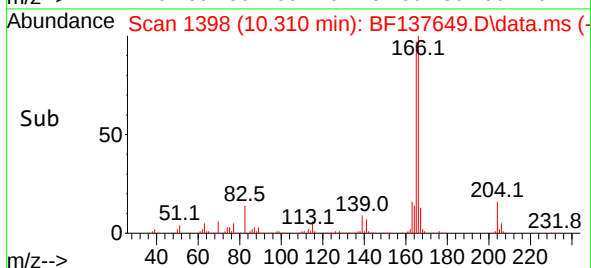
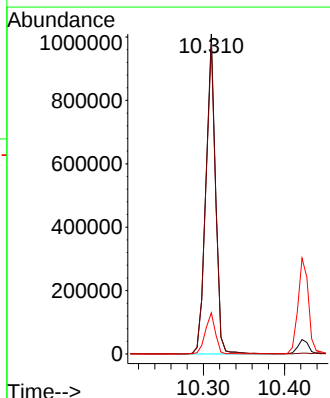
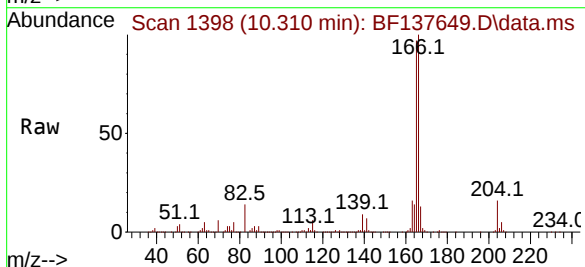
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

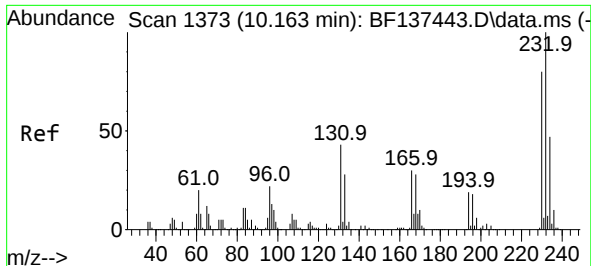
Tgt Ion:165 Resp: 264445
Ion Ratio Lower Upper
165 100
63 51.1 39.0 58.6
89 79.0 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 38.620 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:166 Resp: 829309
Ion Ratio Lower Upper
166 100
165 97.0 79.2 118.8
167 12.8 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.120 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137649.D

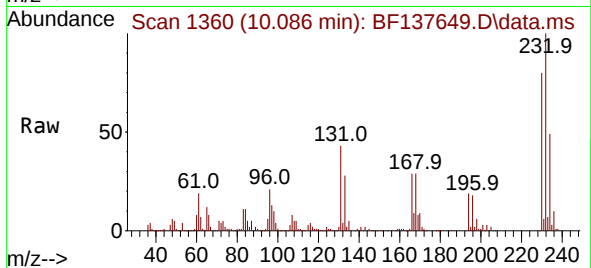
Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD



Tgt Ion:232 Resp: 226223

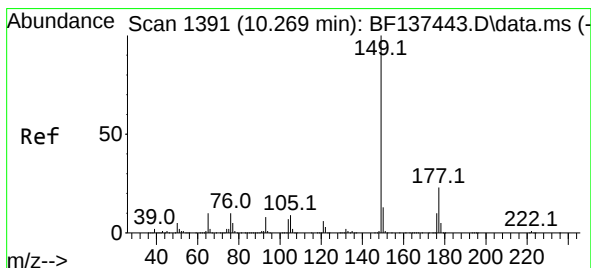
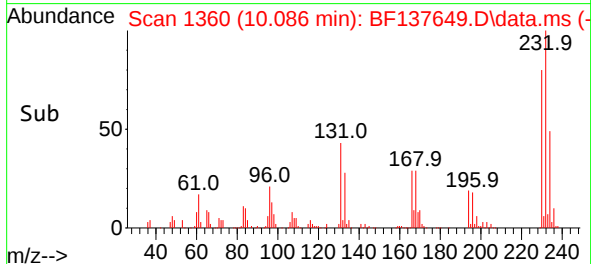
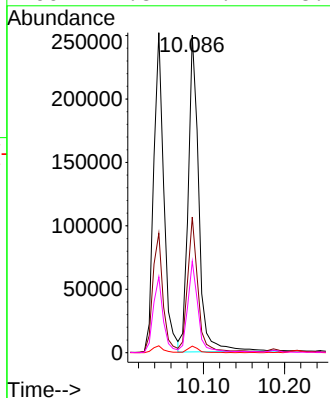
Ion Ratio Lower Upper

232 100

131 40.9 31.2 46.8

130 2.1 1.8 2.6

166 27.8 19.1 28.7



#60

Diethylphthalate

Concen: 39.694 ng

RT: 10.186 min Scan# 1377

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

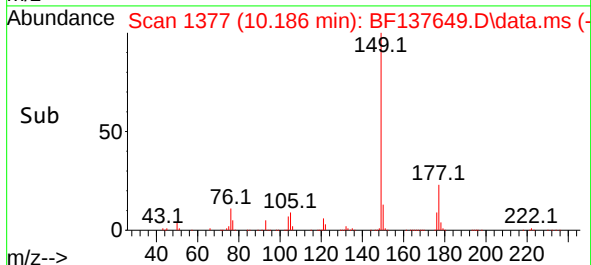
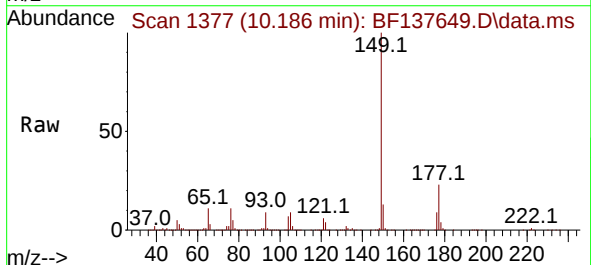
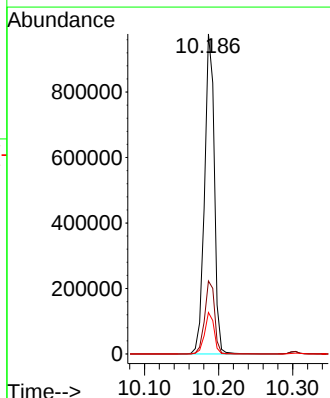
Tgt Ion:149 Resp: 898484

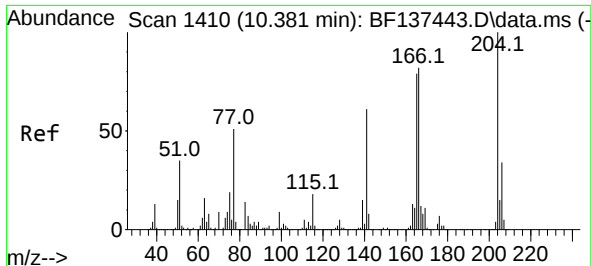
Ion Ratio Lower Upper

149 100

177 22.8 18.7 28.1

150 13.0 10.2 15.4

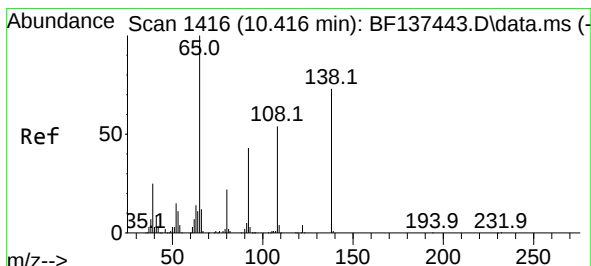
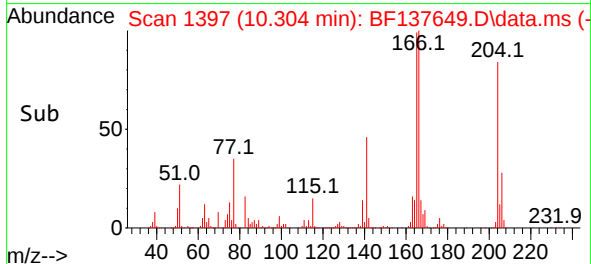
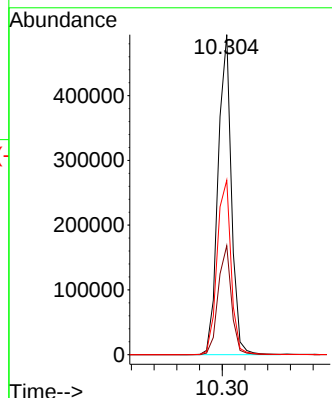
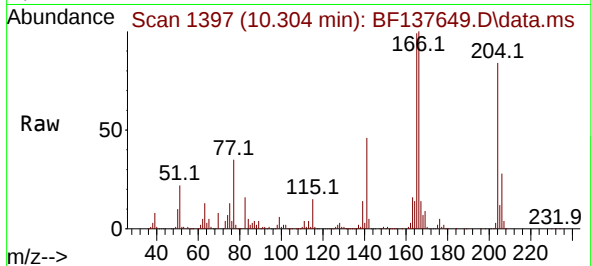




#61
4-Chlorophenyl-phenylether
Concen: 38.340 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

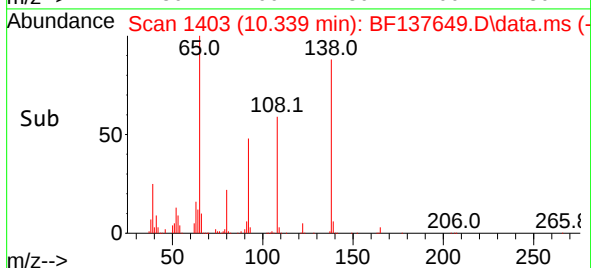
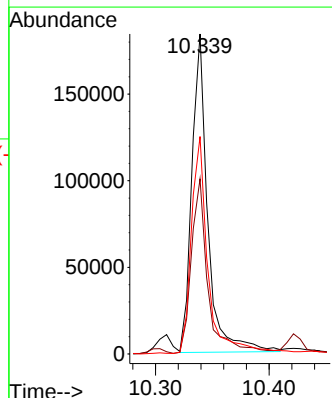
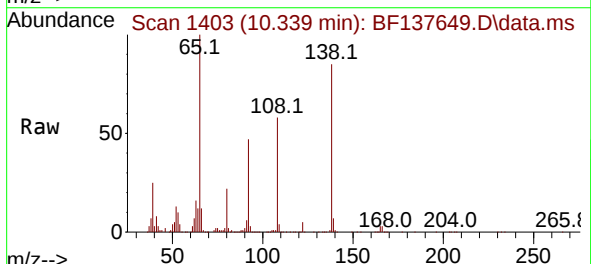
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

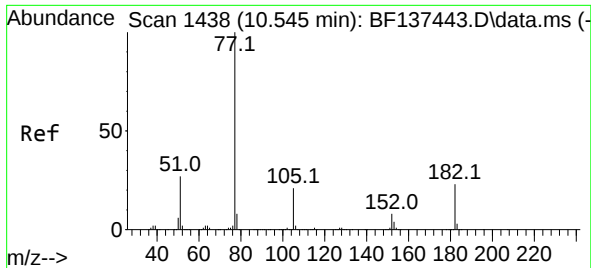
Tgt Ion:204 Resp: 403490
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 54.5 48.4 72.6



#62
4-Nitroaniline
Concen: 39.253 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:138 Resp: 178909
Ion Ratio Lower Upper
138 100
92 54.8 37.9 77.9
108 67.9 53.2 93.2

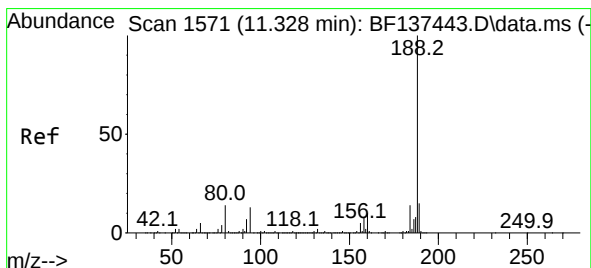
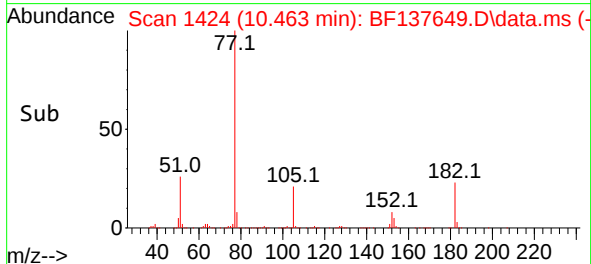
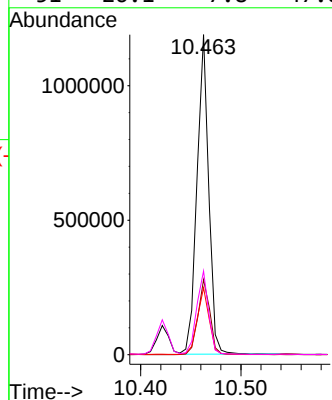
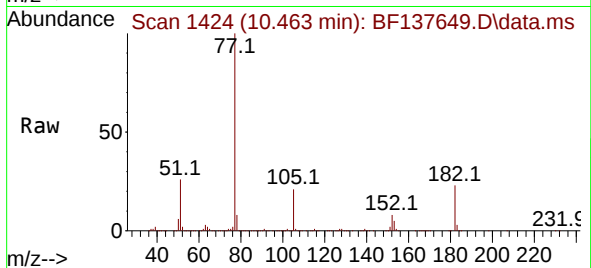




#63
 Azobenzene
 Concen: 36.962 ng
 RT: 10.463 min Scan# 1438
 Delta R.T. -0.000 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

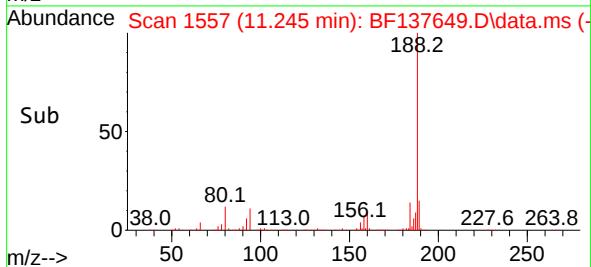
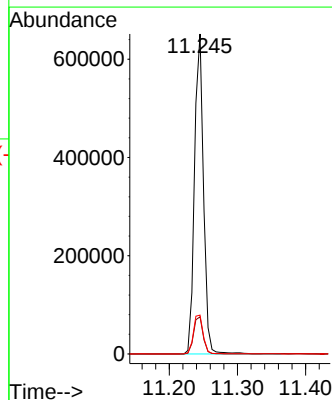
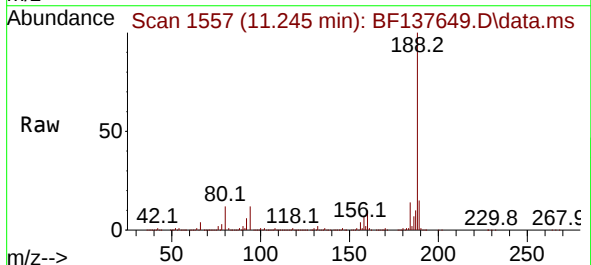
Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUEMSD

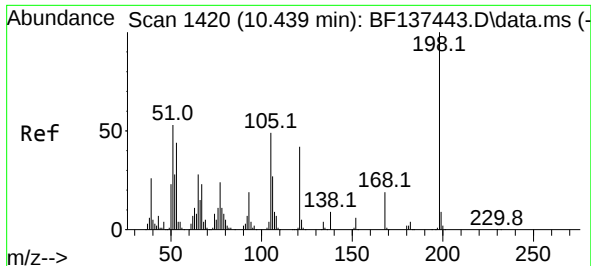
Tgt Ion:	77	Resp:	963379
Ion	Ratio	Lower	Upper
77	100		
182	23.5	3.2	43.2
105	20.9	1.2	41.2
51	26.1	7.8	47.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. 0.006 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

Tgt Ion:	188	Resp:	591126
Ion	Ratio	Lower	Upper
188	100		
94	11.6	10.6	15.8
80	12.2	11.5	17.3

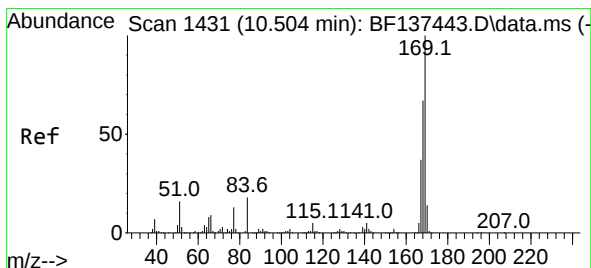
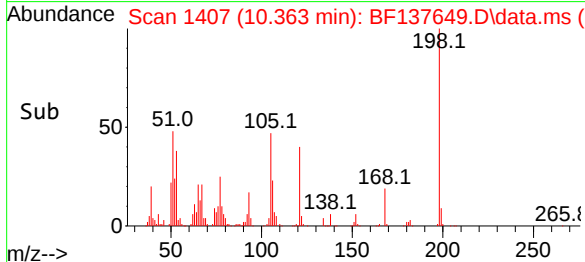
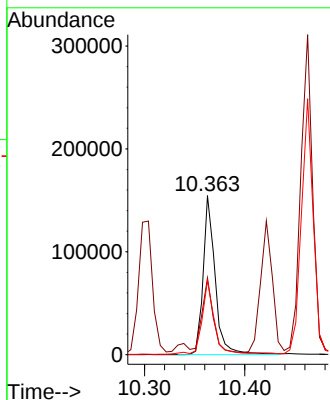
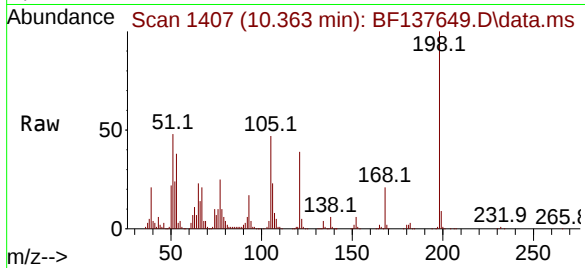




#65
4,6-Dinitro-2-methylphenol
Concen: 39.312 ng
RT: 10.363 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

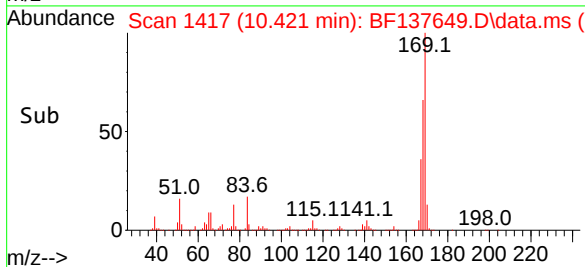
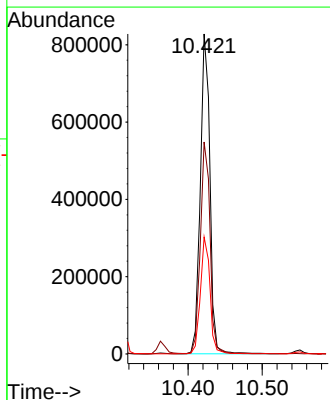
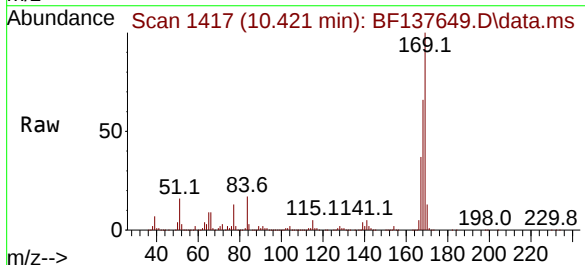
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

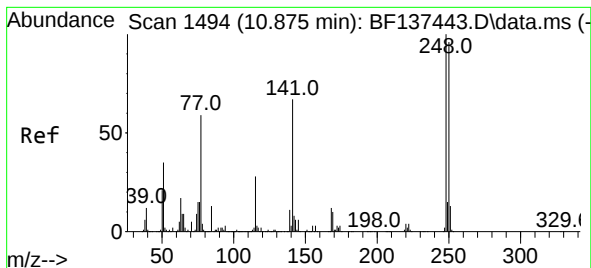
Tgt Ion:198 Resp: 129517
Ion Ratio Lower Upper
198 100
51 48.3 37.2 77.2
105 46.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 38.843 ng
RT: 10.421 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:169 Resp: 739385
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.5 29.6 44.4

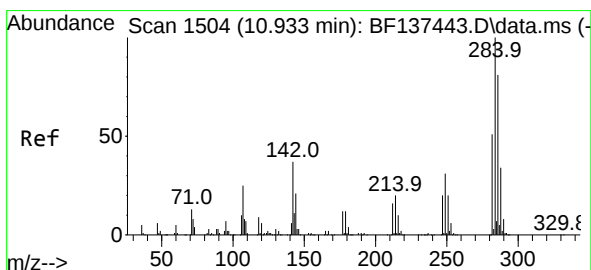
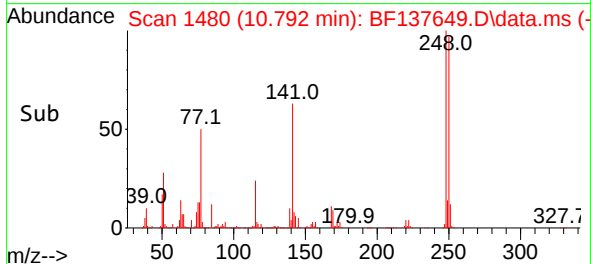
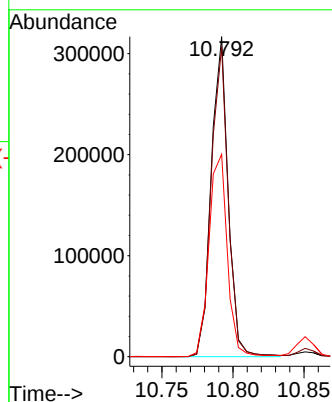
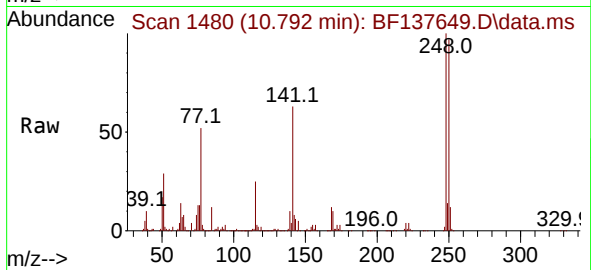




#67
4-Bromophenyl-phenylether
Concen: 40.739 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

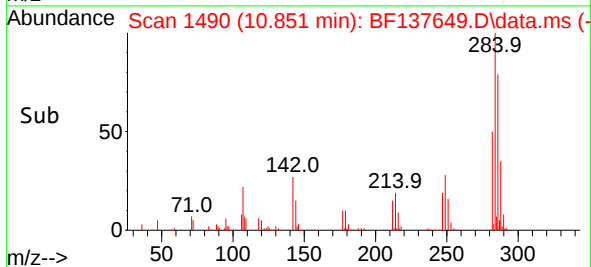
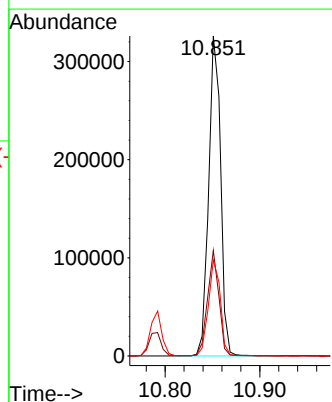
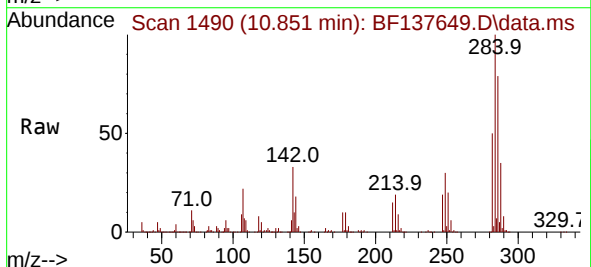
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

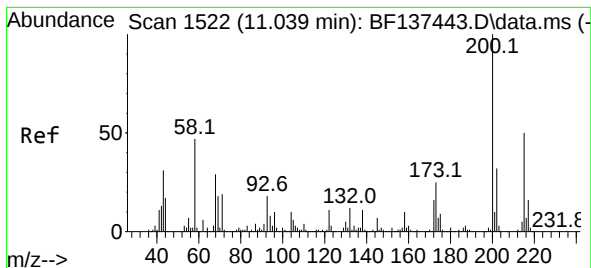
Tgt Ion:248 Resp: 262296
Ion Ratio Lower Upper
248 100
250 96.9 76.8 115.2
141 63.2 53.4 80.0



#68
Hexachlorobenzene
Concen: 43.737 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:284 Resp: 284420
Ion Ratio Lower Upper
284 100
142 32.9 29.4 44.0
249 30.0 25.0 37.4





#69

Atrazine

Concen: 43.880 ng

RT: 10.951 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

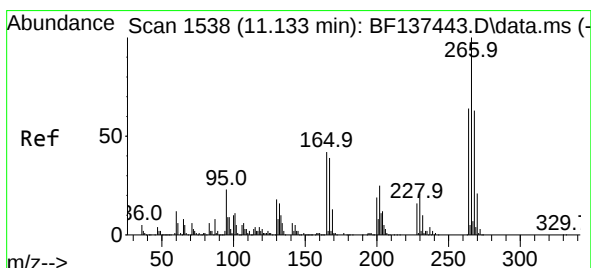
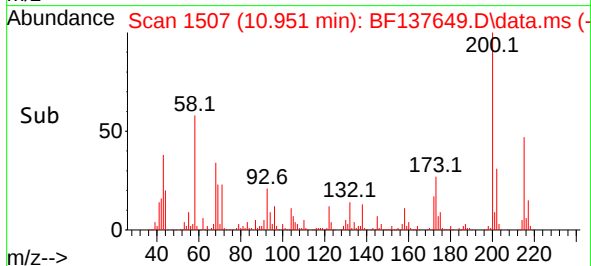
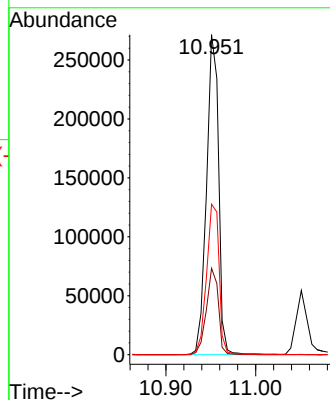
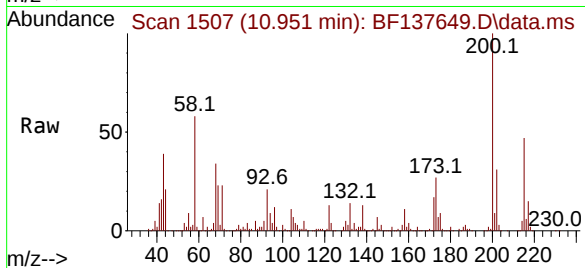
Tgt Ion:200 Resp: 253915

Ion Ratio Lower Upper

200 100

173 27.0 5.1 45.1

215 47.1 30.4 70.4



#70

Pentachlorophenol

Concen: 73.845 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

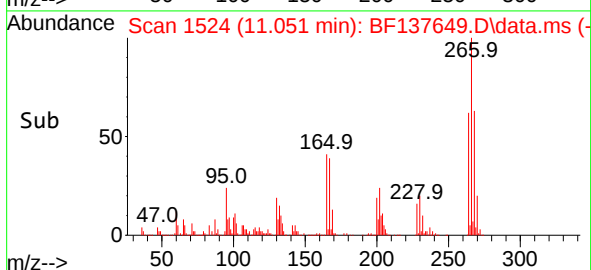
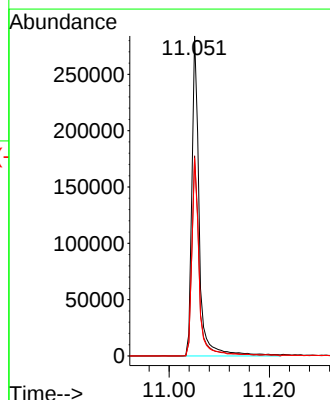
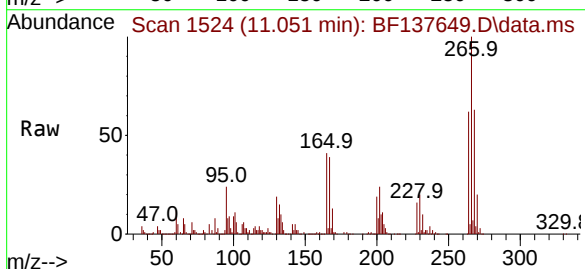
Tgt Ion:266 Resp: 290294

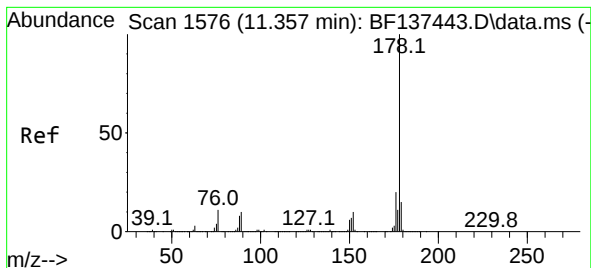
Ion Ratio Lower Upper

266 100

268 62.5 50.2 75.2

264 61.7 50.9 76.3





#71

Phenanthrene

Concen: 38.612 ng

RT: 11.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

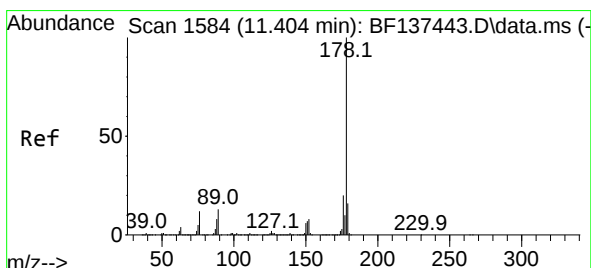
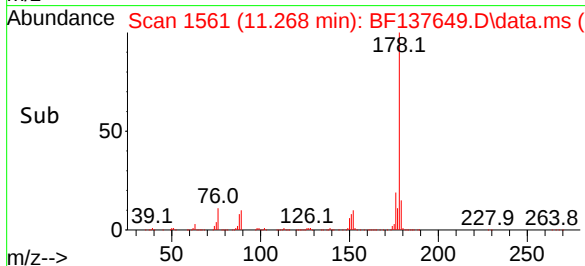
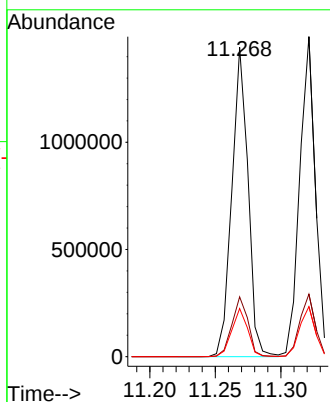
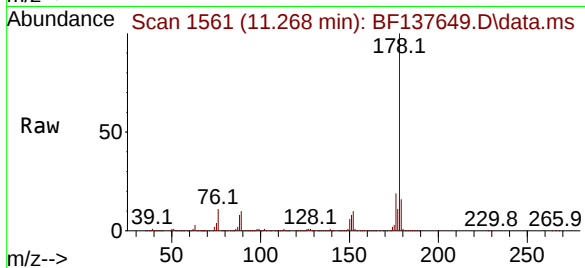
Tgt Ion:178 Resp: 1242151

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 38.453 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

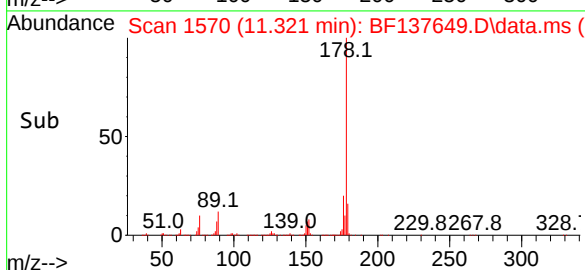
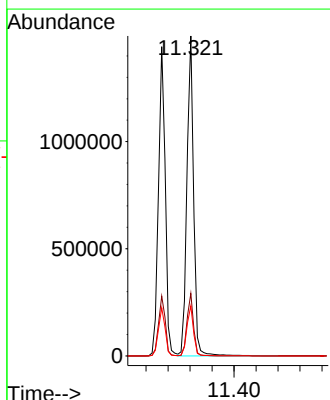
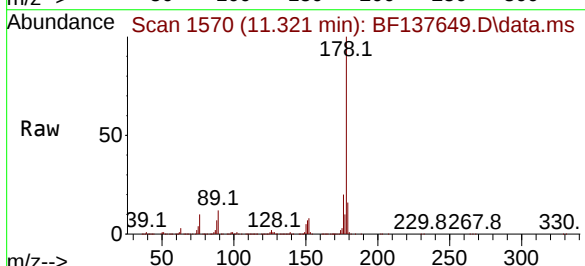
Tgt Ion:178 Resp: 1270500

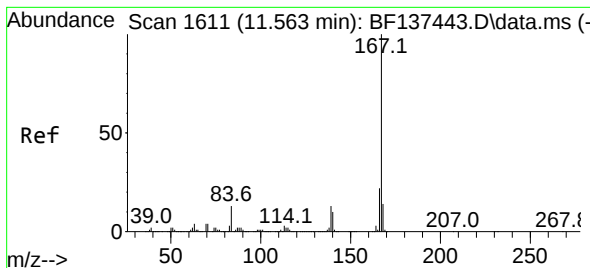
Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.7 12.7 19.1





#73

Carbazole

Concen: 40.514 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

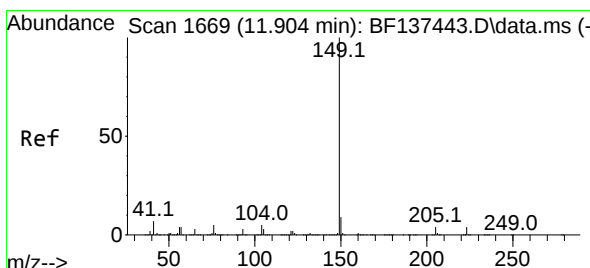
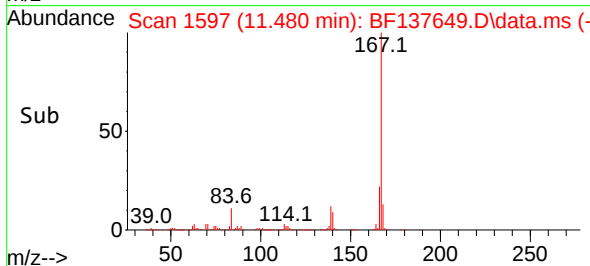
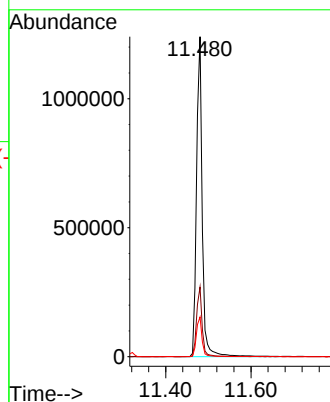
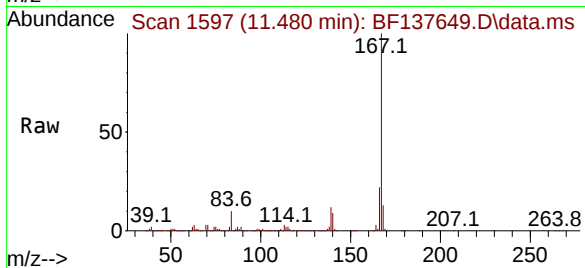
Tgt Ion:167 Resp: 1146612

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

139 12.4 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.908 ng

RT: 11.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

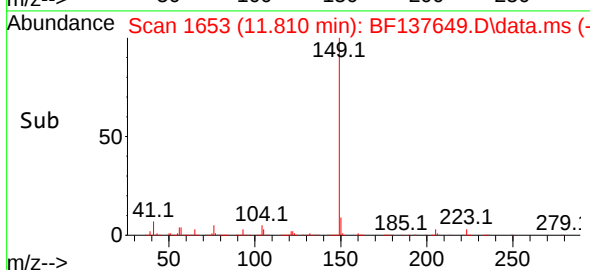
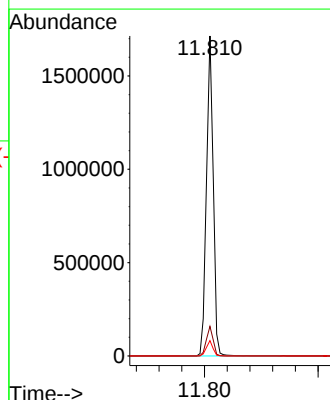
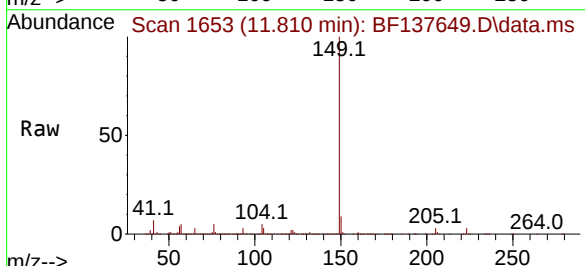
Tgt Ion:149 Resp: 1411146

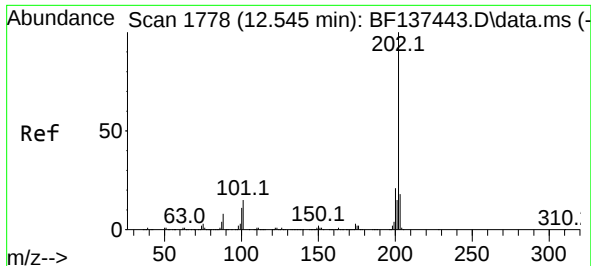
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 4.8 3.8 5.6

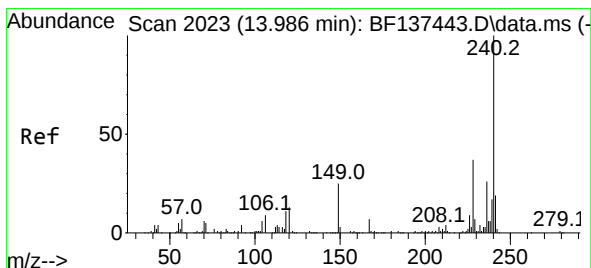
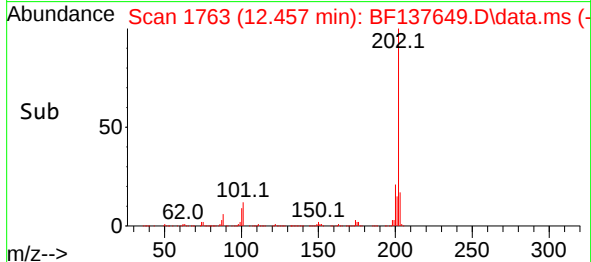
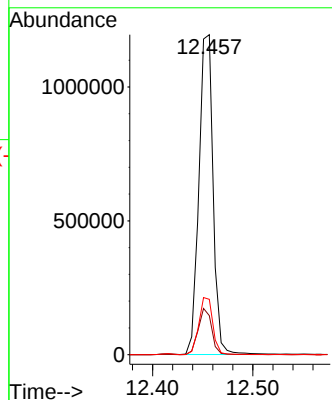
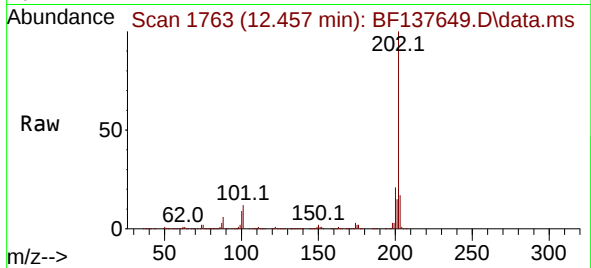




#75
Fluoranthene
Concen: 37.685 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

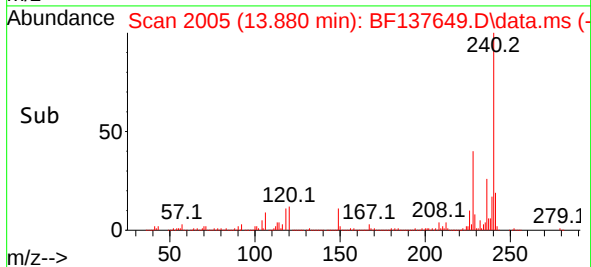
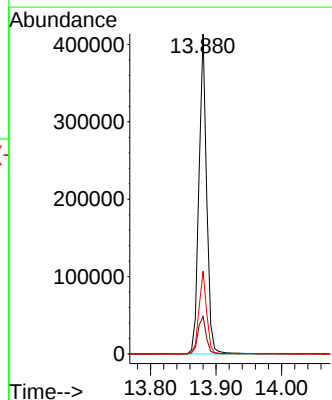
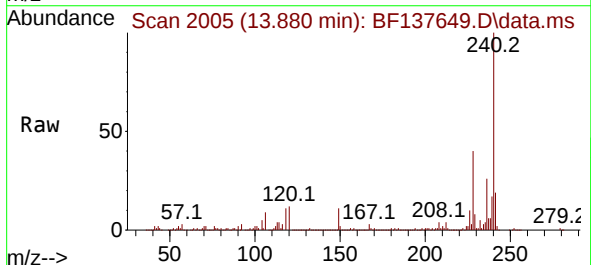
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

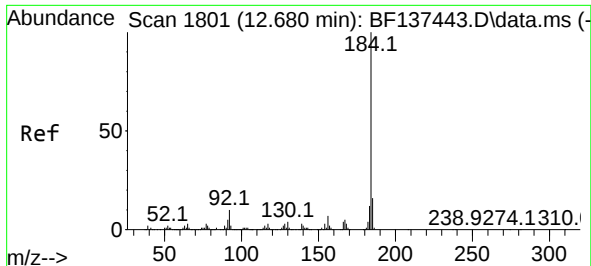
Tgt Ion:202 Resp: 1185020
Ion Ratio Lower Upper
202 100
101 12.2 0.0 35.0
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:240 Resp: 339164
Ion Ratio Lower Upper
240 100
120 11.7 10.4 15.6
236 25.8 20.9 31.3

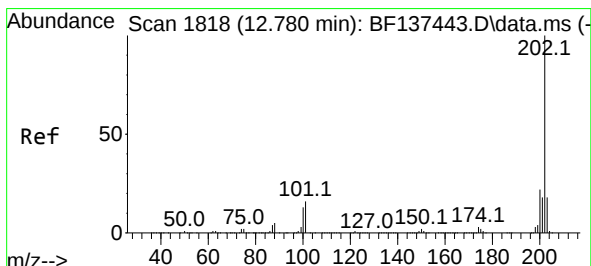
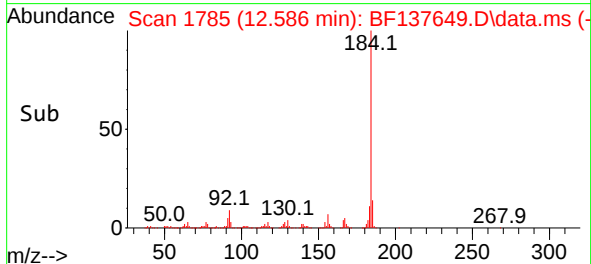
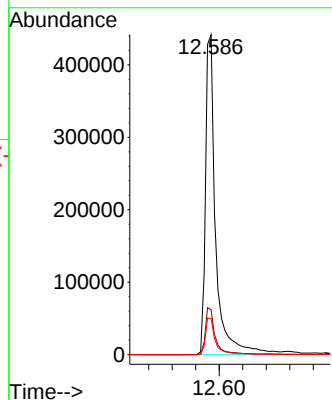
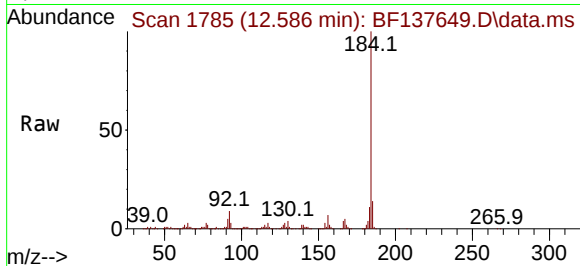




#77
Benzidine
Concen: 64.467 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

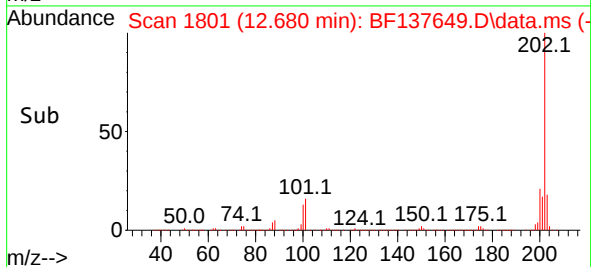
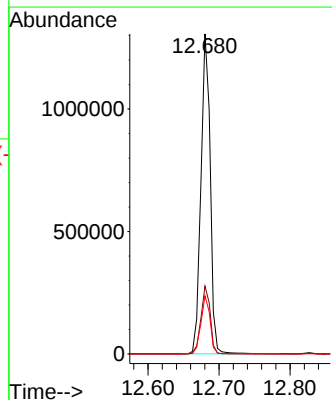
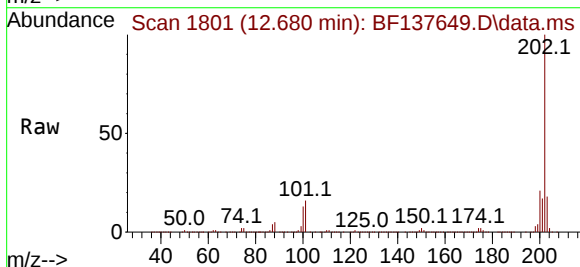
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

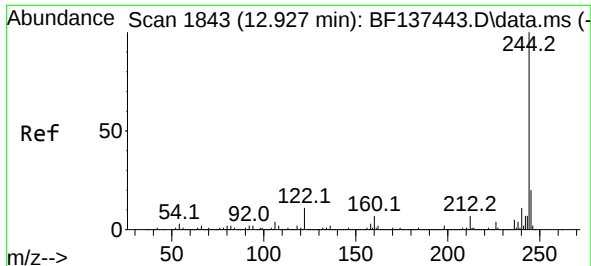
Tgt Ion:184 Resp: 535087
Ion Ratio Lower Upper
184 100
185 14.1 13.2 19.8
183 11.3 9.3 13.9



#78
Pyrene
Concen: 35.801 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

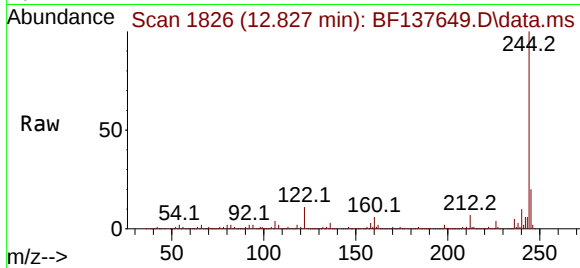
Tgt Ion:202 Resp: 1191447
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.2 14.1 21.1



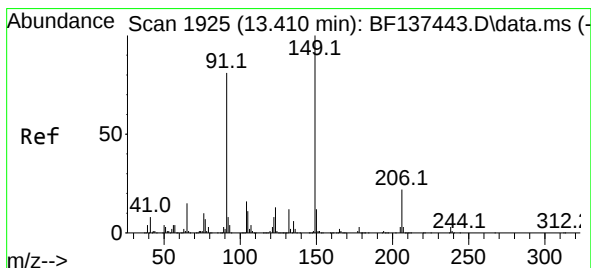
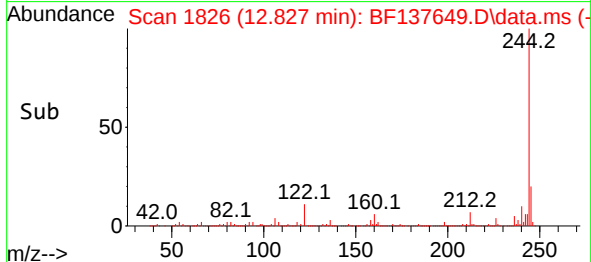
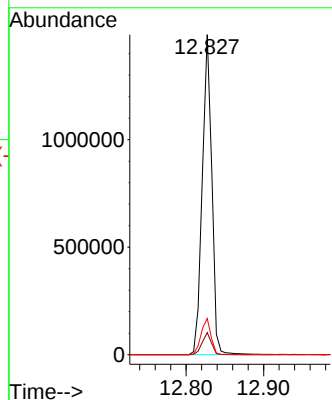


#79
 Terphenyl-d14
 Concen: 51.610 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUEMSD

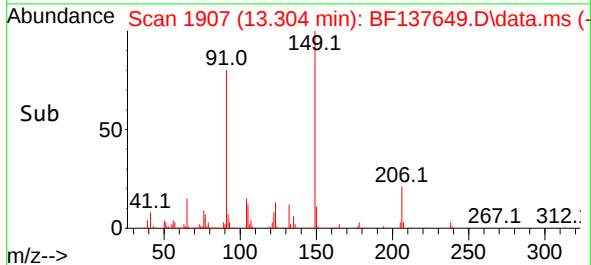
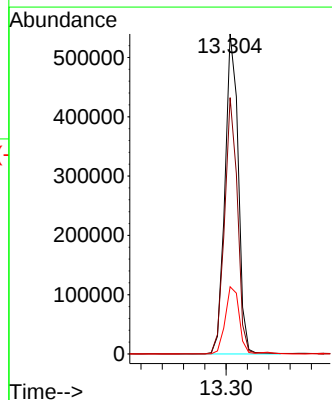
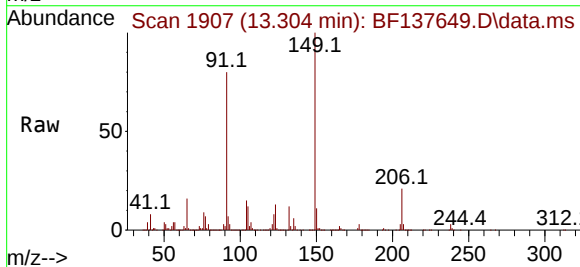


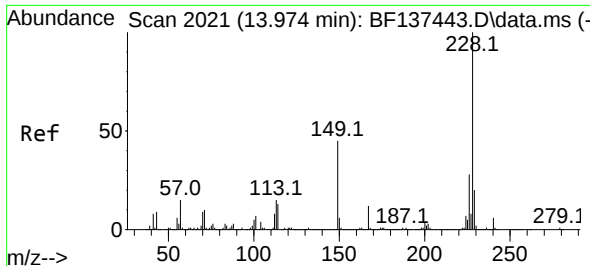
Tgt Ion:244 Resp: 1272948
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.3 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 54.913 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

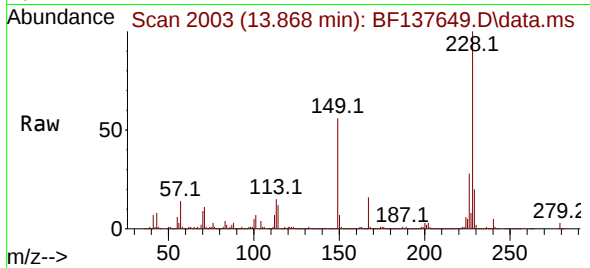
Tgt Ion:149 Resp: 466710
 Ion Ratio Lower Upper
 149 100
 91 80.1 64.7 97.1
 206 21.0 17.5 26.3



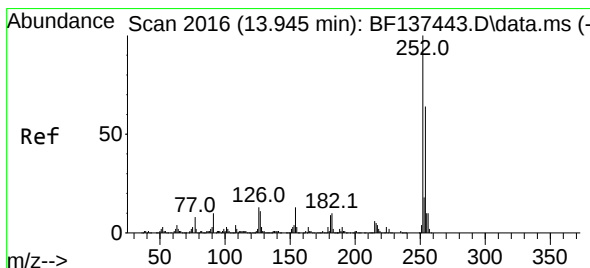
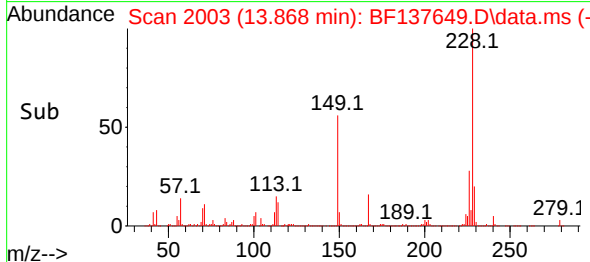
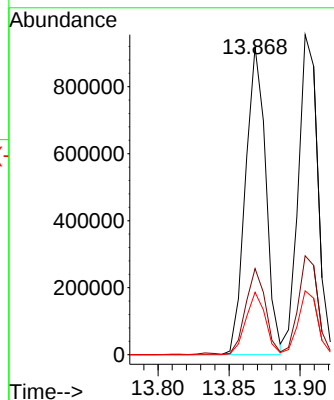


#81
Benzo(a)anthracene
Concen: 38.403 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUEMSD

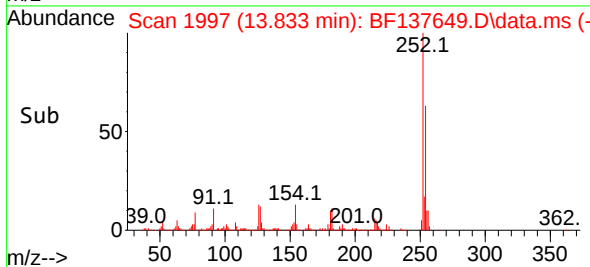
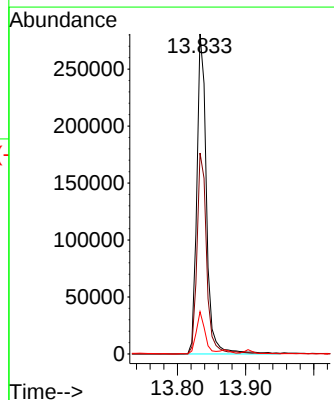
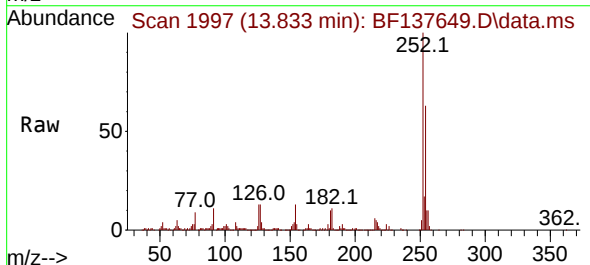


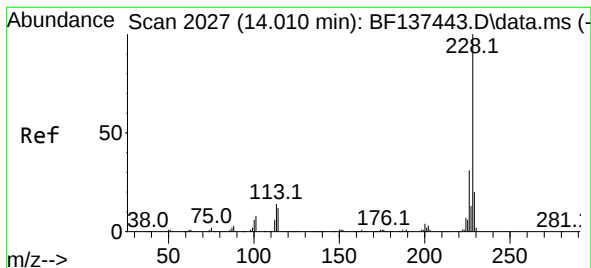
Tgt Ion:228 Resp: 912910
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 43.225 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF137649.D
Acq: 19 Mar 2024 15:43

Tgt Ion:252 Resp: 273635
Ion Ratio Lower Upper
252 100
254 62.8 51.4 77.2
126 13.2 10.4 15.6





#83

Chrysene

Concen: 38.585 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

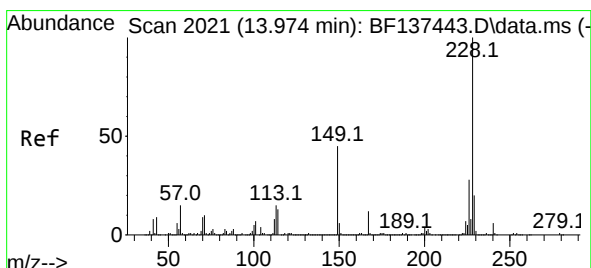
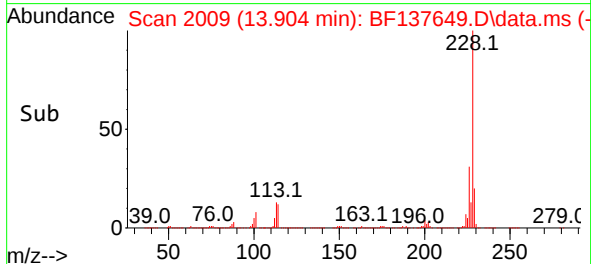
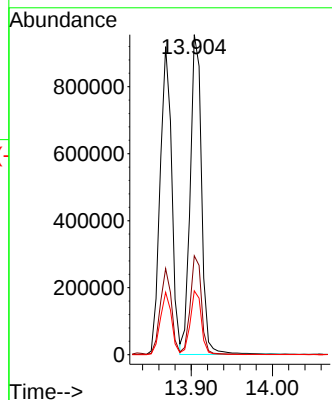
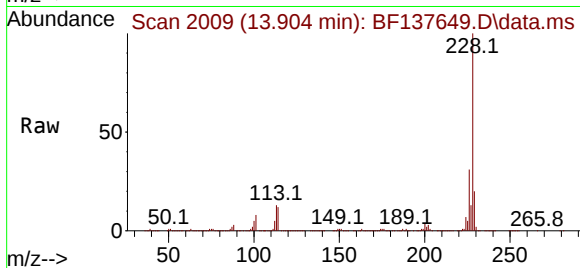
Tgt Ion:228 Resp: 927045

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.567 ng

RT: 13.862 min Scan# 2002

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

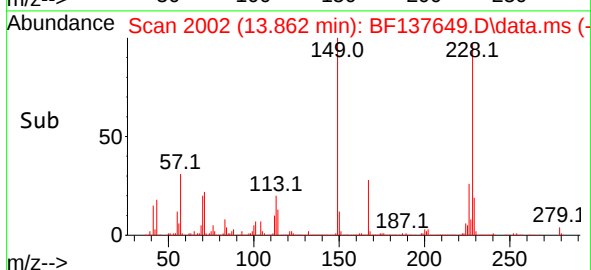
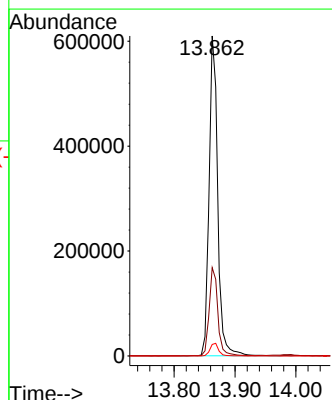
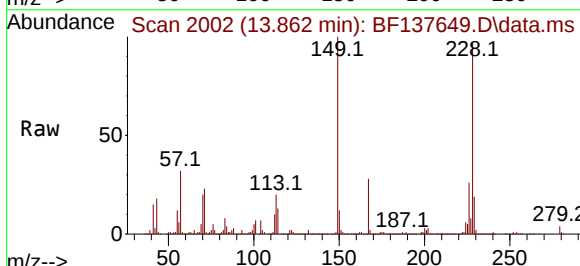
Tgt Ion:149 Resp: 600268

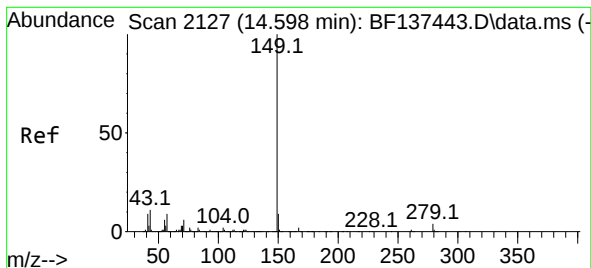
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 47.415 ng

RT: 14.474 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

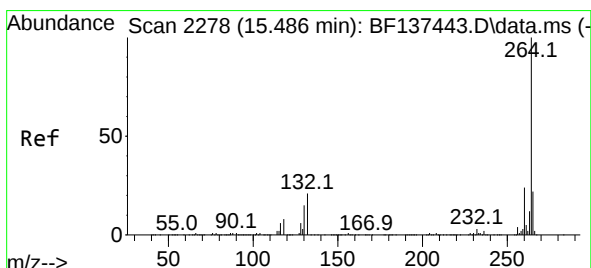
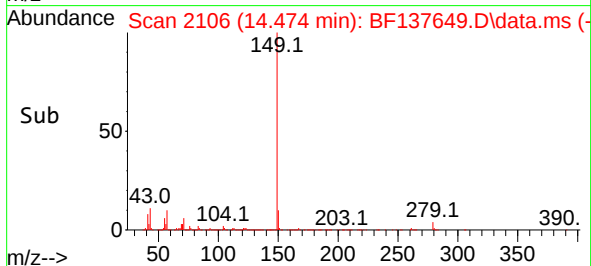
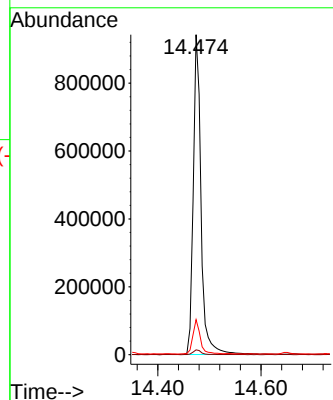
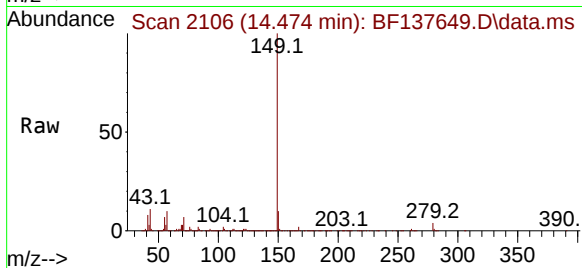
Tgt Ion:149 Resp: 985556

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

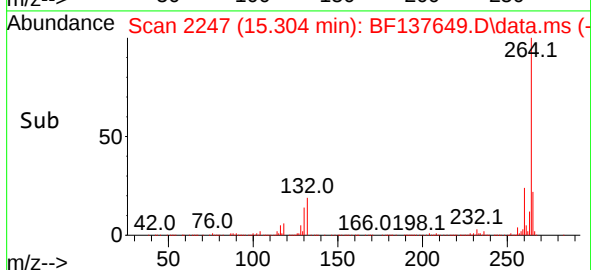
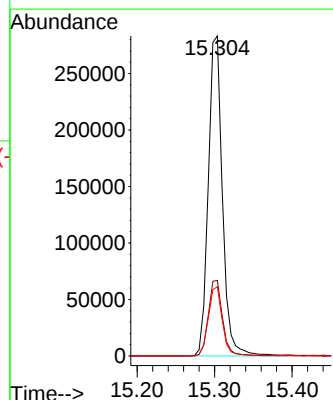
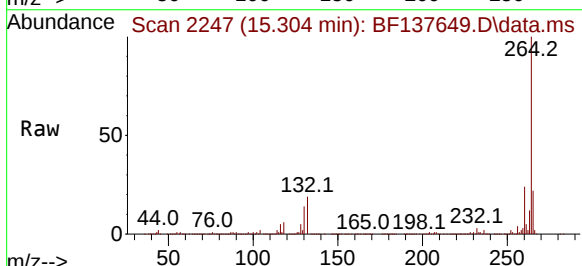
Tgt Ion:264 Resp: 358824

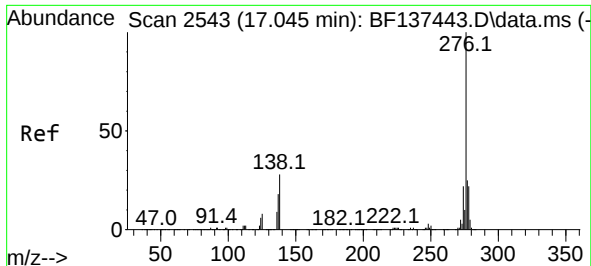
Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.6 17.4 26.0

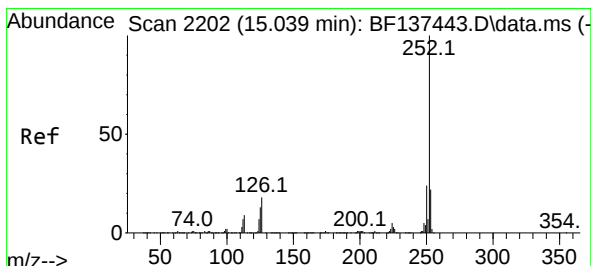
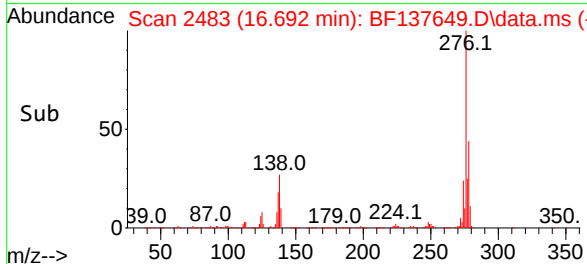
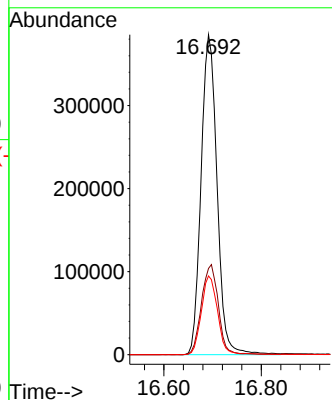
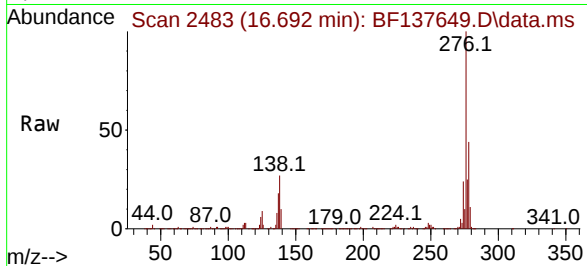




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.127 ng
 RT: 16.692 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

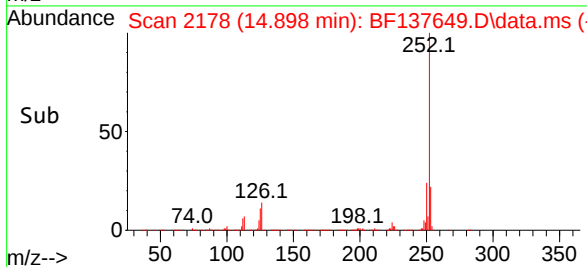
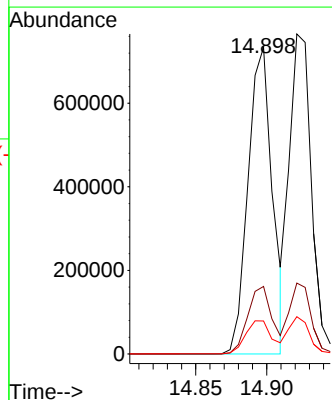
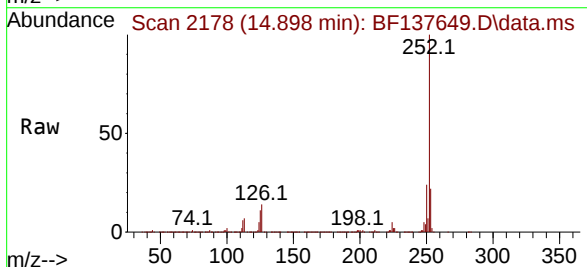
Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUEMSD

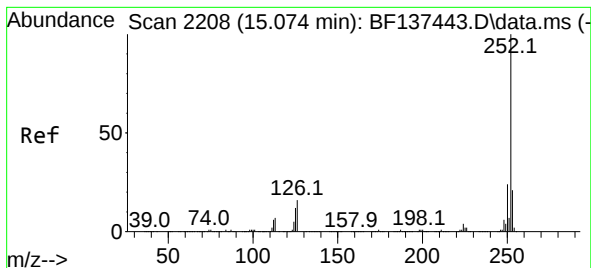
Tgt Ion:276 Resp: 876680
 Ion Ratio Lower Upper
 276 100
 138 29.7 25.8 38.8
 277 24.8 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 41.135 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137649.D
 Acq: 19 Mar 2024 15:43

Tgt Ion:252 Resp: 873123
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 10.7 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 37.007 ng

RT: 14.921 min Scan# 2118

Delta R.T. -0.000 min

Lab File: BF137649.D

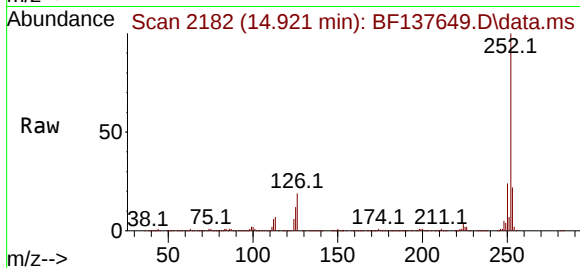
Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD



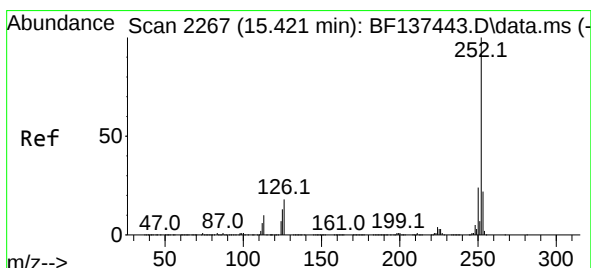
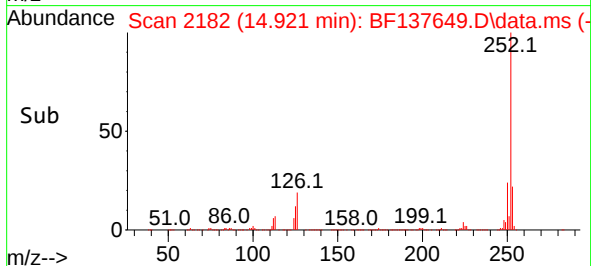
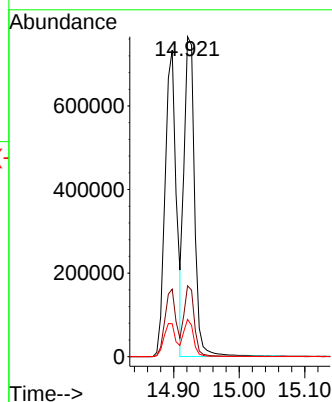
Tgt Ion:252 Resp: 843709

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.7 9.6 14.4



#90

Benzo(a)pyrene

Concen: 38.790 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

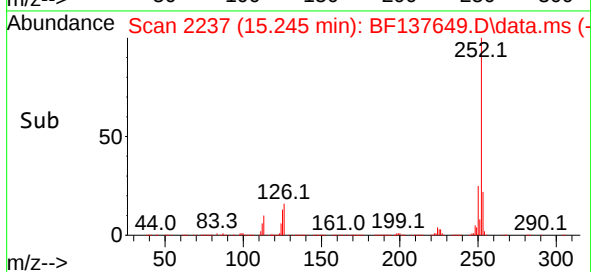
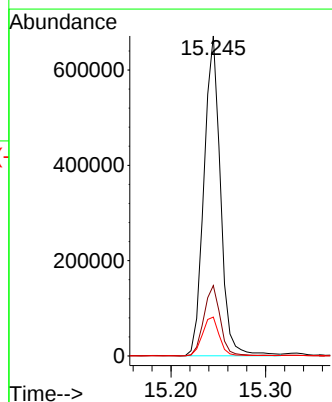
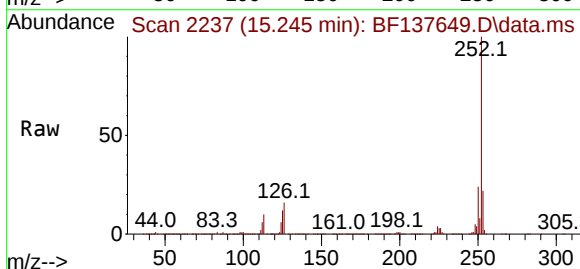
Tgt Ion:252 Resp: 811366

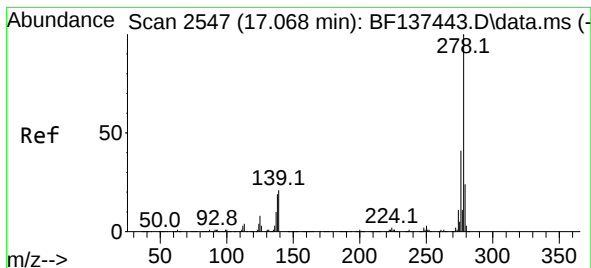
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 12.2 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 37.410 ng

RT: 16.709 min Scan# 2486

Delta R.T. 0.011 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUEMSD

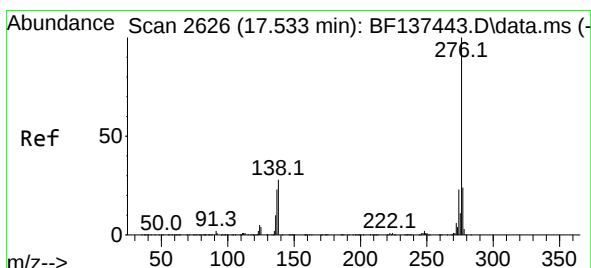
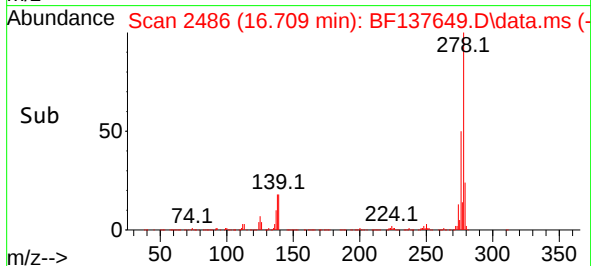
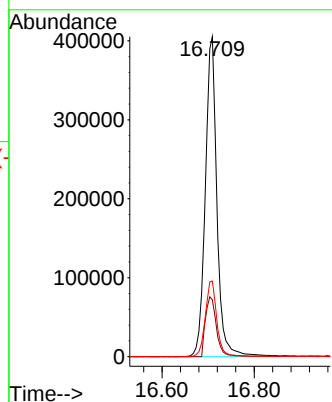
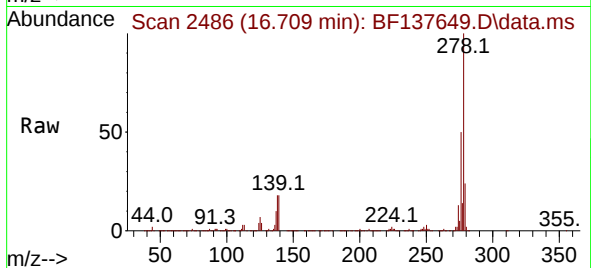
Tgt Ion:278 Resp: 716591

Ion Ratio Lower Upper

278 100

139 17.8 17.0 25.6

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 33.977 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.006 min

Lab File: BF137649.D

Acq: 19 Mar 2024 15:43

Tgt Ion:276 Resp: 668402

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 25.5 22.2 33.2

