

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137627.D
 Acq On : 18 Mar 2024 13:03
 Operator : CG\JU
 Sample : PB159633BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159633BS

Quant Time: Mar 18 13:30:37 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	198568	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	778999	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	418384	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	714483	20.000	ng	0.00
76) Chrysene-d12	13.880	240	428771	20.000	ng	0.00
86) Perylene-d12	15.304	264	367527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1676351	127.860	ng	0.02
7) Phenol-d6	6.375	99	2255550	119.183	ng	0.00
23) Nitrobenzene-d5	7.298	82	1417097	84.524	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	541188	147.297	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2263223	84.677	ng	0.00
79) Terphenyl-d14	12.833	244	2445552	78.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	254325	35.477	ng	99
3) Pyridine	3.175	79	562447	32.531	ng	97
4) n-Nitrosodimethylamine	3.146	42	298920	43.103	ng	95
6) Aniline	6.393	93	457750	19.795	ng	# 19
8) 2-Chlorophenol	6.516	128	663811	48.003	ng	98
9) Benzaldehyde	6.275	77	161865	17.458	ng	99
10) Phenol	6.387	94	865653	42.497	ng	91
11) bis(2-Chloroethyl)ether	6.469	93	673723	45.135	ng	98
12) 1,3-Dichlorobenzene	6.669	146	679187	45.963	ng	97
13) 1,4-Dichlorobenzene	6.745	146	696931	46.097	ng	99
14) 1,2-Dichlorobenzene	6.898	146	652157	46.995	ng	97
15) Benzyl Alcohol	6.881	79	574675	48.776	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1030081	40.147	ng	92
17) 2-Methylphenol	6.992	107	540190	41.747	ng	97
18) Hexachloroethane	7.234	117	236055	47.417	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	480525	41.118	ng	99
20) 3+4-Methylphenols	7.145	107	615320	41.520	ng	98
22) Acetophenone	7.145	105	870178	46.168	ng	98
24) Nitrobenzene	7.316	77	734975	43.640	ng	97
25) Isophorone	7.551	82	1394156	43.770	ng	99
26) 2-Nitrophenol	7.628	139	336963	50.395	ng	98
27) 2,4-Dimethylphenol	7.675	122	487236	38.998	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	833900	44.621	ng	99
29) 2,4-Dichlorophenol	7.875	162	534733	46.634	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	569102	47.163	ng	100
31) Naphthalene	8.034	128	1834576	43.893	ng	100
32) Benzoic acid	7.828	122	323189	45.323	ng	98
33) 4-Chloroaniline	8.087	127	253392	15.461	ng	98
34) Hexachlorobutadiene	8.145	225	334434	46.945	ng	99
35) Caprolactam	8.469	113	108545	27.917	ng	94
36) 4-Chloro-3-methylphenol	8.575	107	584599	45.610	ng	99
37) 2-Methylnaphthalene	8.722	142	1112256	41.744	ng	99
38) 1-Methylnaphthalene	8.822	142	1059039	42.206	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	560880	48.020	ng	100
41) Hexachlorocyclopentadiene	8.875	237	415185	86.370	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	366176	48.142	ng	99

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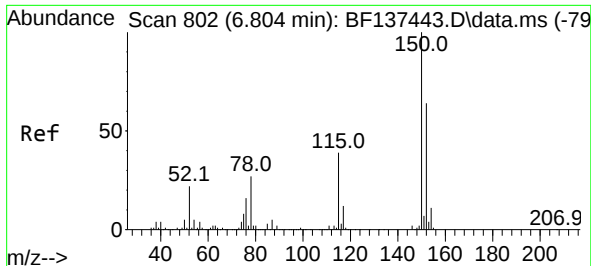
Quant Time: Mar 18 13:30:37 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	393928	44.959	ng	97
46) 1,1'-Biphenyl	9.192	154	1393456	45.505	ng	99
47) 2-Chloronaphthalene	9.216	162	1098554	47.054	ng	99
48) 2-Nitroaniline	9.316	65	381461	48.071	ng	99
49) Acenaphthylene	9.628	152	1714333	45.883	ng	100
50) Dimethylphthalate	9.498	163	1319602	45.309	ng	99
51) 2,6-Dinitrotoluene	9.557	165	292329	47.988	ng	97
52) Acenaphthene	9.798	154	981214	43.989	ng	100
53) 3-Nitroaniline	9.728	138	203775	31.625	ng	94
54) 2,4-Dinitrophenol	9.839	184	281048	93.091	ng	93
55) Dibenzofuran	9.969	168	1465314	43.131	ng	98
56) 4-Nitrophenol	9.904	139	395856	85.994	ng	91
57) 2,4-Dinitrotoluene	9.963	165	359233	48.000	ng	96
58) Fluorene	10.310	166	1121497	42.984	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	326099	46.411	ng	94
60) Diethylphthalate	10.192	149	1229073	44.689	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	552767	43.229	ng	96
62) 4-Nitroaniline	10.345	138	244006	44.060	ng	97
63) Azobenzene	10.463	77	1343394	42.419	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	210046	52.747	ng	91
66) n-Nitrosodiphenylamine	10.428	169	1015771	44.150	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	357707	45.966	ng	96
68) Hexachlorobenzene	10.857	284	393264	50.034	ng	# 92
69) Atrazine	10.957	200	292661	41.844	ng	98
70) Pentachlorophenol	11.057	266	415357	87.416	ng	99
71) Phenanthrene	11.275	178	1690514	43.476	ng	99
72) Anthracene	11.322	178	1698302	42.526	ng	99
73) Carbazole	11.480	167	1529314	44.707	ng	100
74) Di-n-butylphthalate	11.816	149	1846073	45.359	ng	100
75) Fluoranthene	12.457	202	1690977	44.490	ng	98
77) Benzidine	12.586	184	139624	13.306	ng	98
78) Pyrene	12.686	202	1679270	39.914	ng	99
80) Butylbenzylphthalate	13.310	149	638488	59.424	ng	93
81) Benzo(a)anthracene	13.874	228	1310840	43.619	ng	98
82) 3,3'-Dichlorobenzidine	13.839	252	330951	41.354	ng	98
83) Chrysene	13.910	228	1298540	42.752	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	804325	58.896	ng	# 98
85) Di-n-octyl phthalate	14.474	149	1362296	51.319	ng	97
87) Indeno(1,2,3-cd)pyrene	16.698	276	1155728	47.785	ng	97
88) Benzo(b)fluoranthene	14.898	252	1118203	51.434	ng	99
89) Benzo(k)fluoranthene	14.927	252	1105241	47.331	ng	99
90) Benzo(a)pyrene	15.245	252	1004744	46.897	ng	100
91) Dibenzo(a,h)anthracene	16.709	278	939082	47.864	ng	99
92) Benzo(g,h,i)perylene	17.115	276	943350	46.818	ng	97

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

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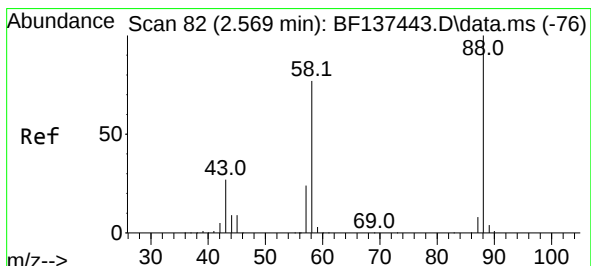
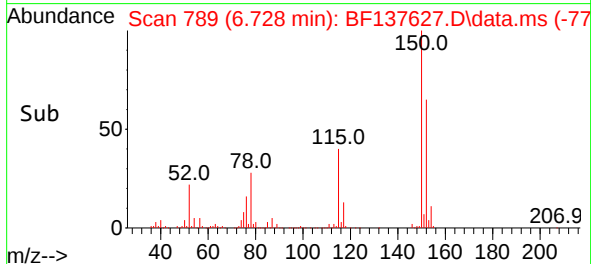
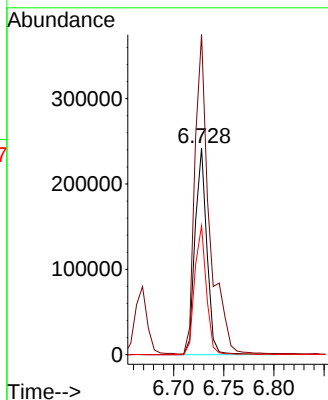
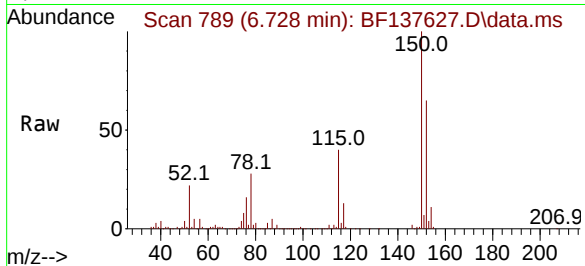




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

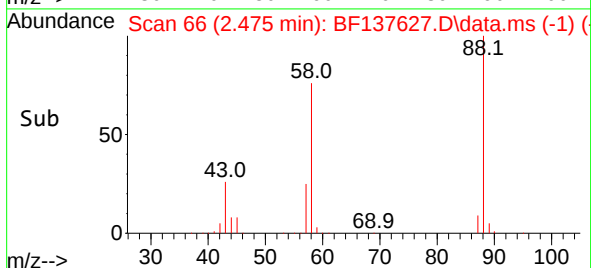
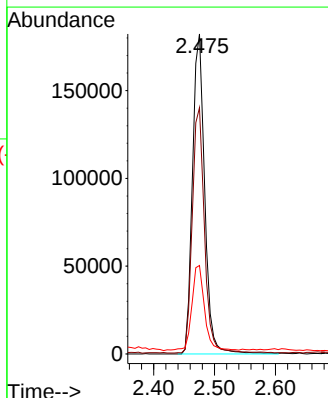
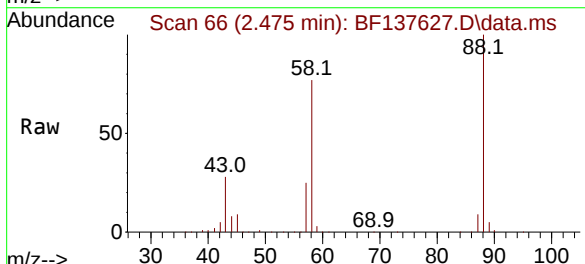
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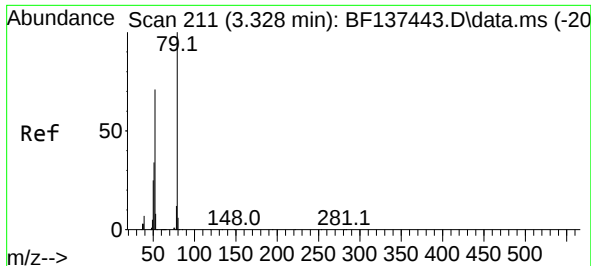
Tgt Ion:152 Resp: 198568
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.8 188.6
 115 62.4 48.8 73.2



#2
 1,4-Dioxane
 Concen: 35.477 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.106 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

Tgt Ion: 88 Resp: 254325
 Ion Ratio Lower Upper
 88 100
 58 76.1 61.8 92.8
 43 27.7 22.2 33.4

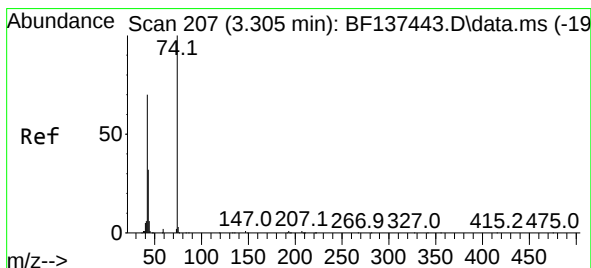
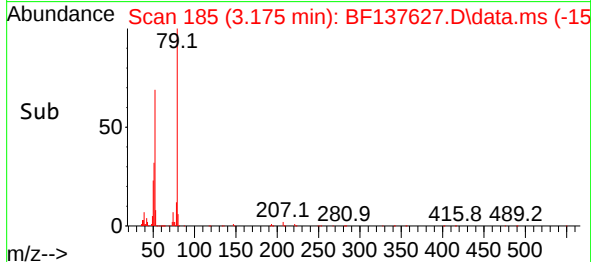
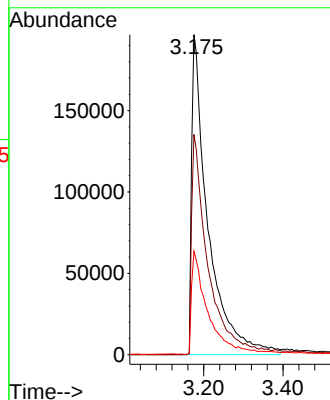
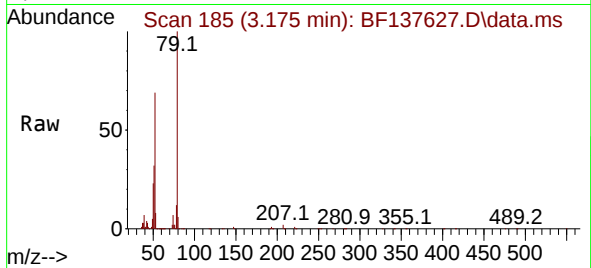




#3
Pyridine
Concen: 32.531 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

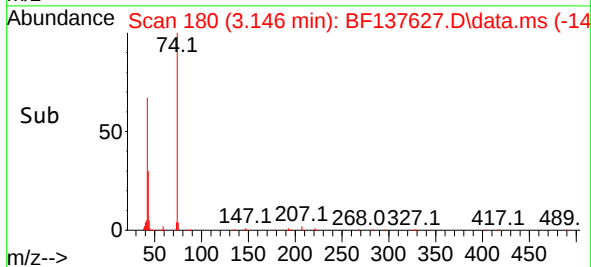
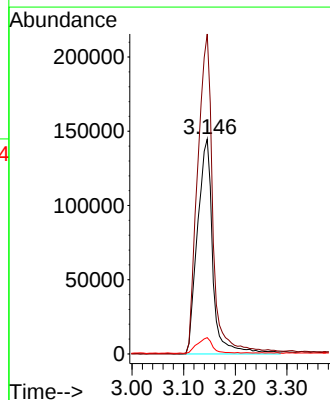
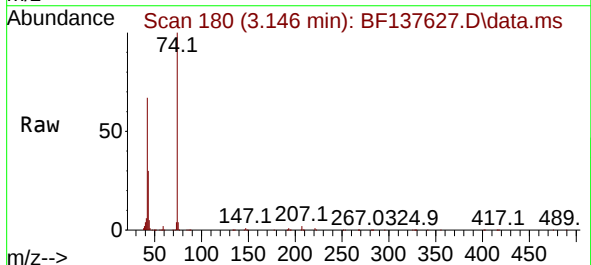
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BNA_F
ClientSampleId :
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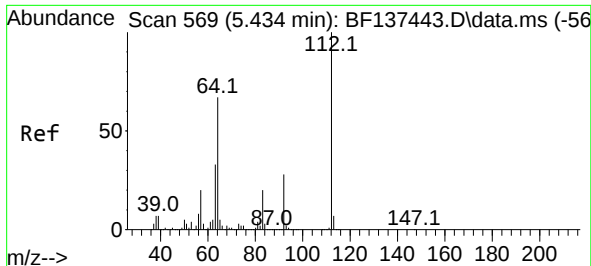
Tgt Ion: 79 Resp: 562447
Ion Ratio Lower Upper
79 100
52 68.8 57.0 85.4
51 32.3 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 43.103 ng
RT: 3.146 min Scan# 180
Delta R.T. 0.106 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 42 Resp: 298920
Ion Ratio Lower Upper
42 100
74 149.0 114.0 171.0
44 7.6 7.0 10.4

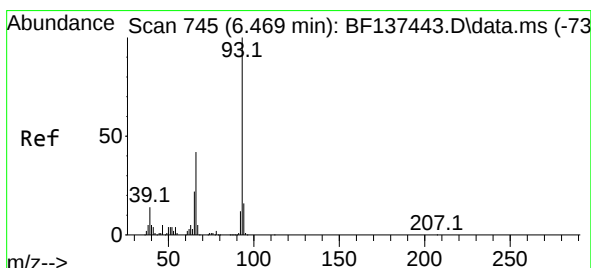
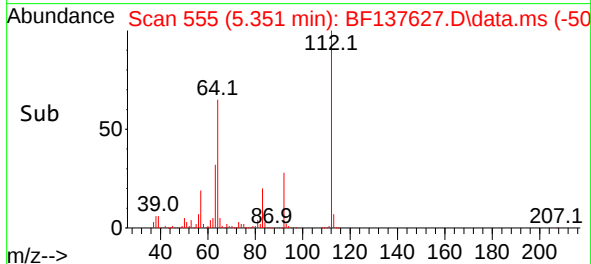
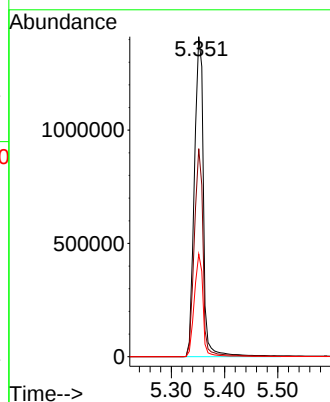
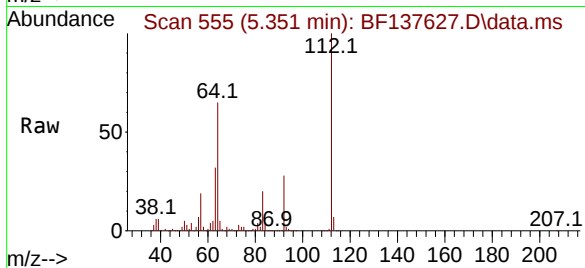




#5
2-Fluorophenol
Concen: 127.860 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

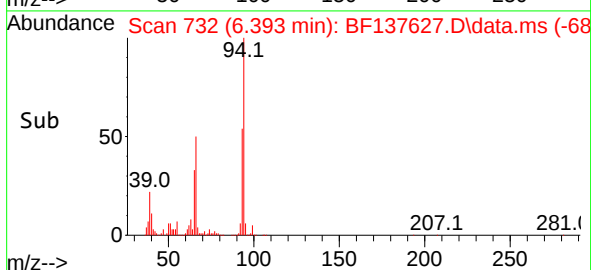
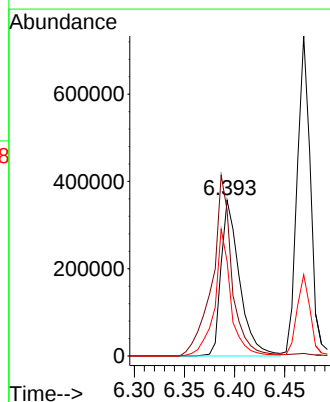
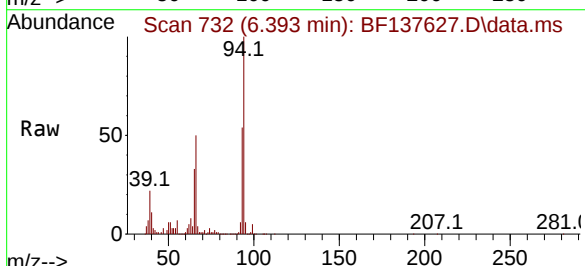
Instrument :
BNA_F
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Tgt Ion:112 Resp: 1676351
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.2
63 32.0 26.2 39.2



#6
Aniline
Concen: 19.795 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 93 Resp: 457750
Ion Ratio Lower Upper
93 100
66 93.8 34.0 51.0#
65 60.8 17.8 26.8#





#7

Phenol-d6

Concen: 119.183 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

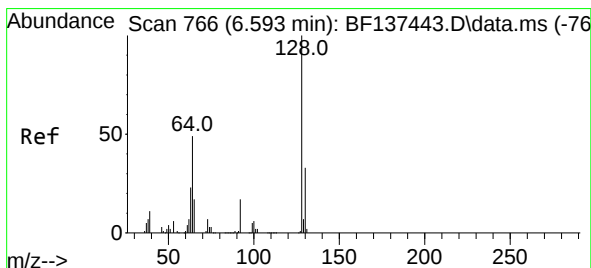
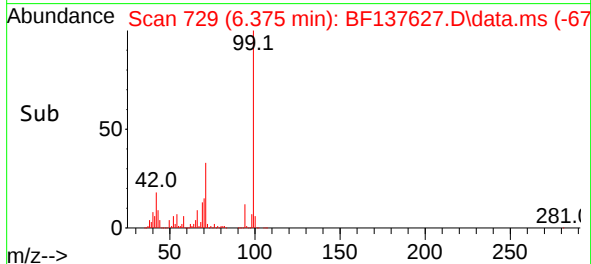
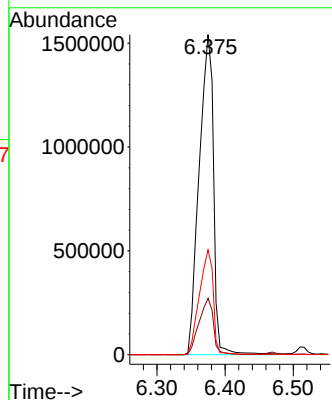
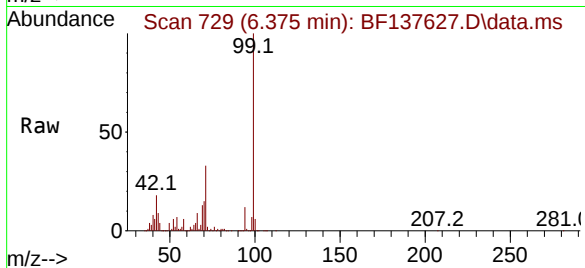
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ClientSampleId :

PB159633BS

Tgt Ion: 99 Resp: 2255550

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	32.7	25.3	37.9



#8

2-Chlorophenol

Concen: 48.003 ng

RT: 6.516 min Scan# 753

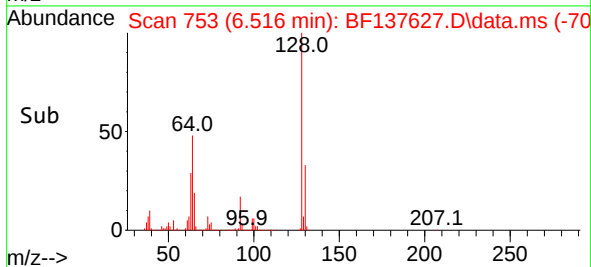
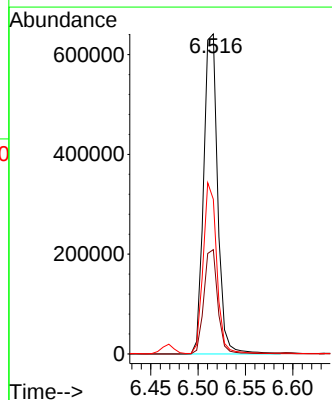
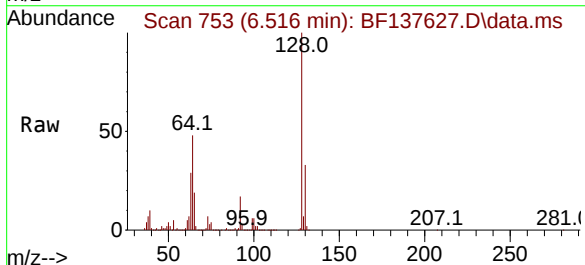
Delta R.T. 0.006 min

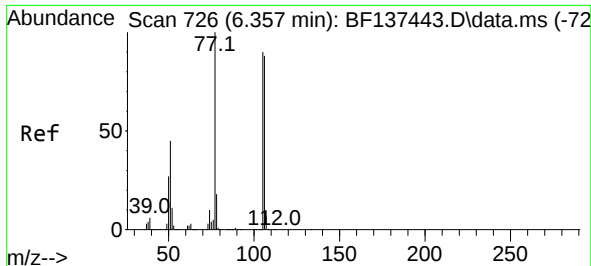
Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Tgt Ion:128 Resp: 663811

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.4	53.4
64	48.4	30.0	70.0

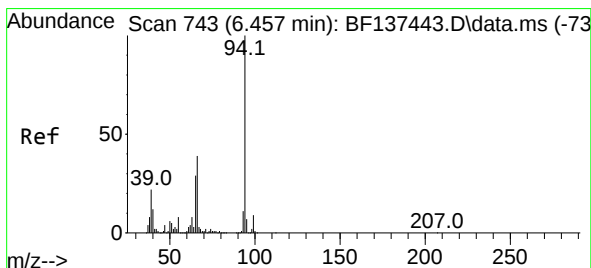
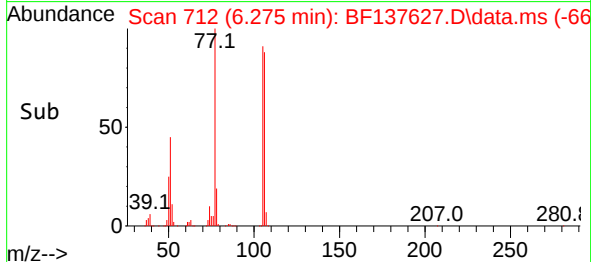
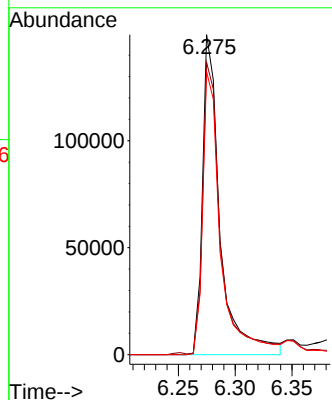
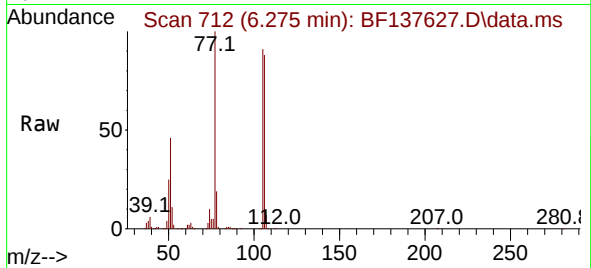




#9
Benzaldehyde
Concen: 17.458 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

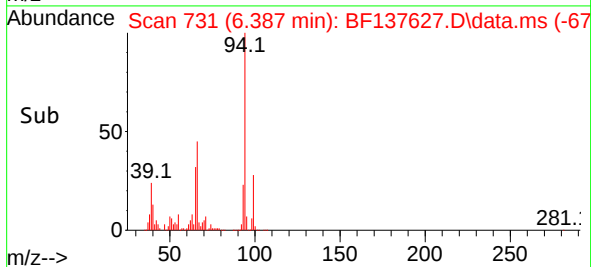
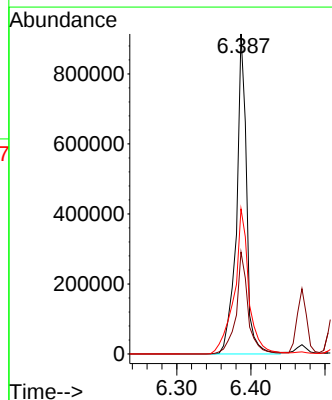
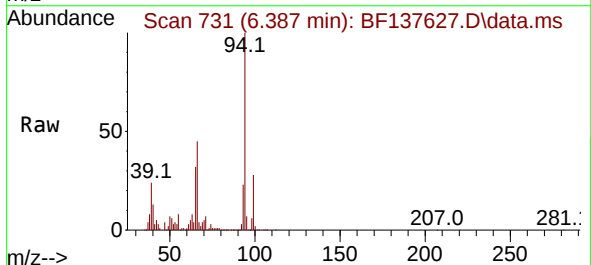
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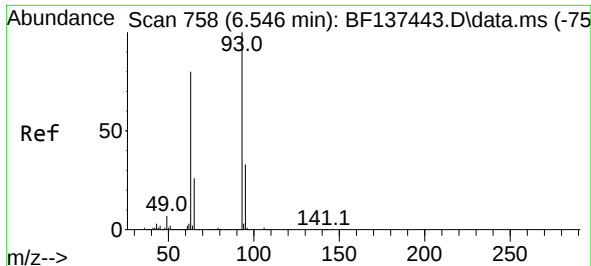
Tgt Ion: 77 Resp: 161865
Ion Ratio Lower Upper
77 100
105 91.3 69.8 109.8
106 88.4 67.8 107.8



#10
Phenol
Concen: 42.497 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 94 Resp: 865653
Ion Ratio Lower Upper
94 100
65 31.8 8.7 48.7
66 45.3 18.6 58.6

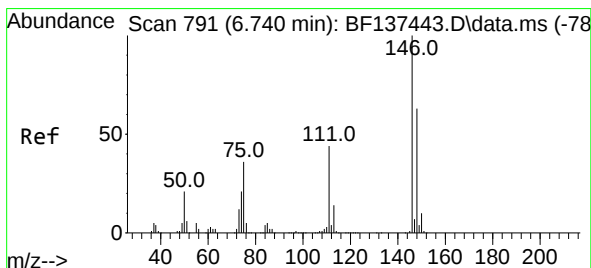
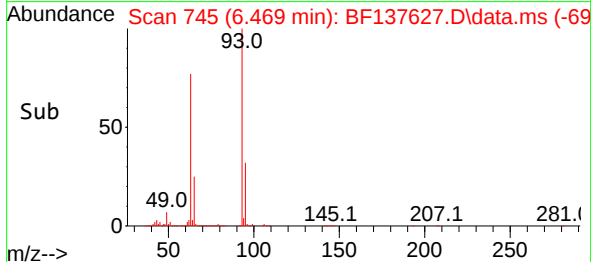
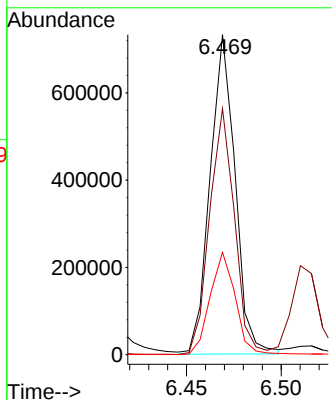
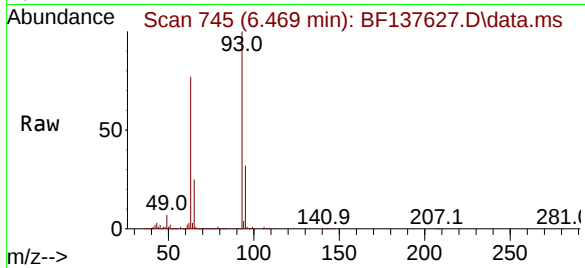




#11
bis(2-Chloroethyl)ether
Concen: 45.135 ng
RT: 6.469 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

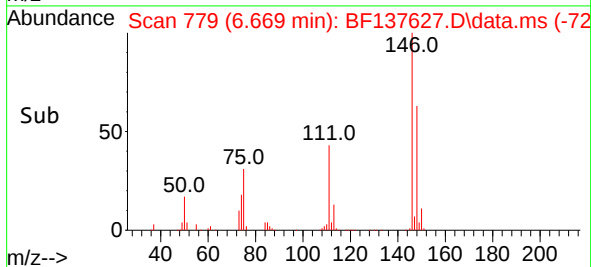
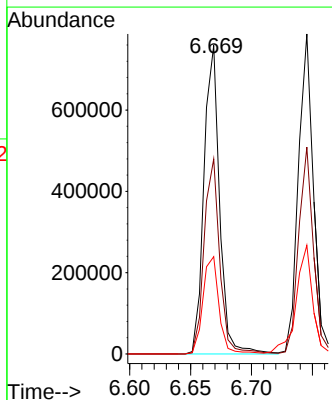
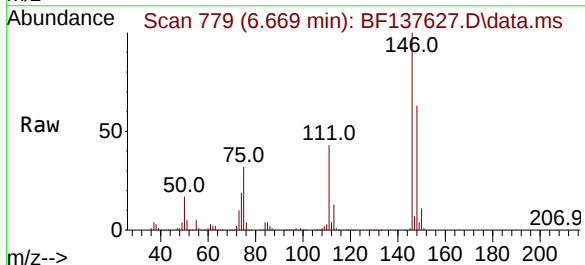
Instrument :
BNA_F
ClientSampleId :
PB159633BS

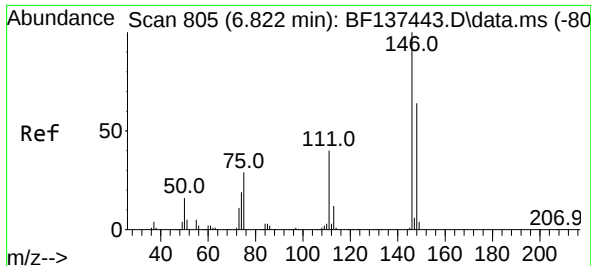
Tgt Ion: 93 Resp: 673723
Ion Ratio Lower Upper
93 100
63 76.9 58.9 98.9
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.963 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:146 Resp: 679187
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
75 31.5 29.0 43.4

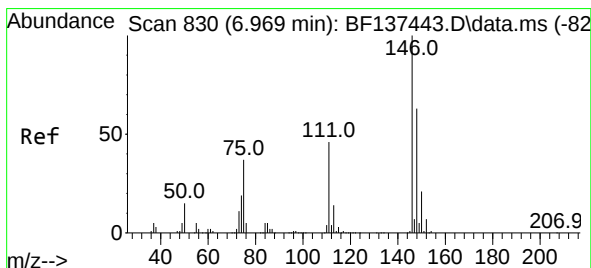
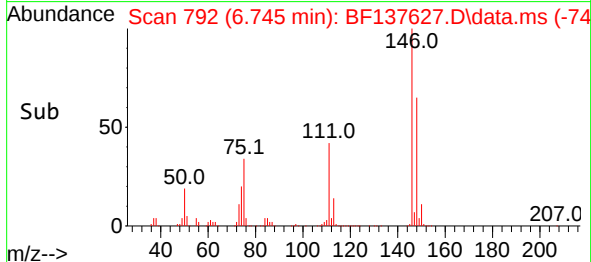
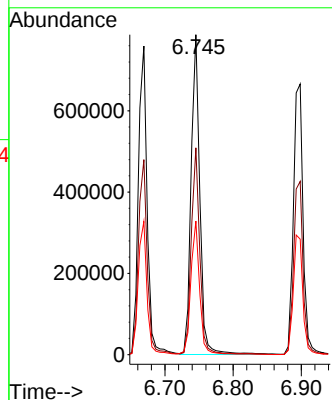
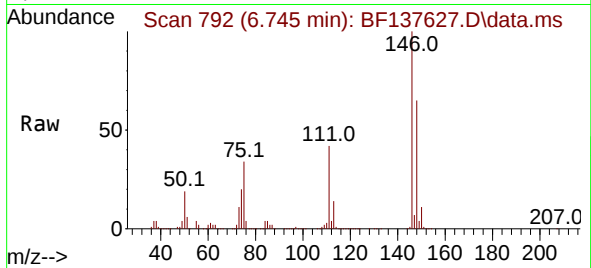




#13
1,4-Dichlorobenzene
Concen: 46.097 ng
RT: 6.745 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

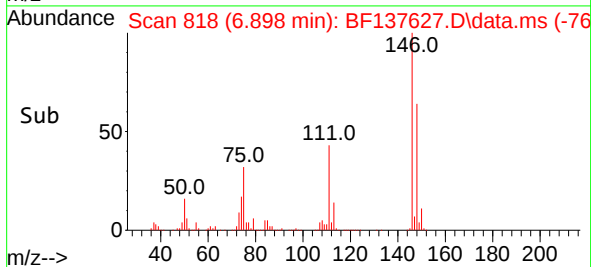
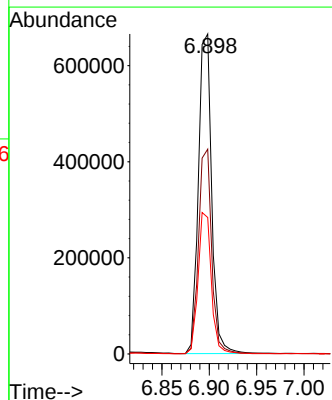
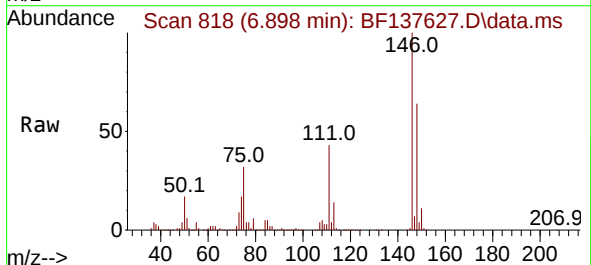
Instrument :
BNA_F
ClientSampleId :
PB159633BS

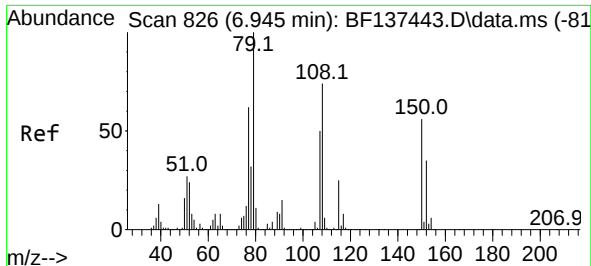
Tgt Ion:146 Resp: 696931
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
111 41.8 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 46.995 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:146 Resp: 652157
Ion Ratio Lower Upper
146 100
148 64.0 50.0 75.0
111 42.7 36.8 55.2

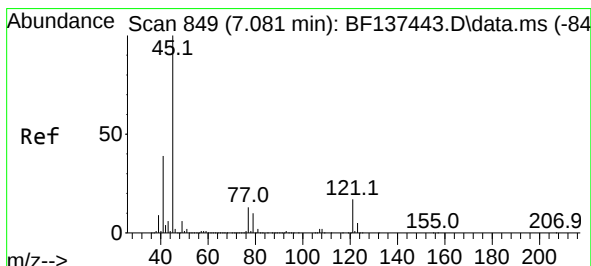
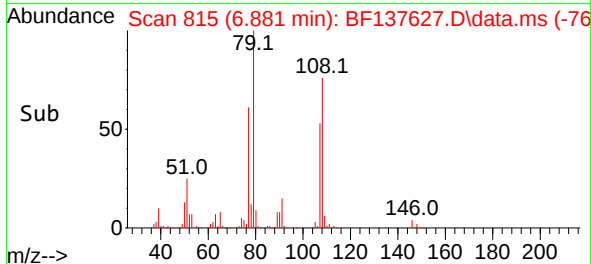
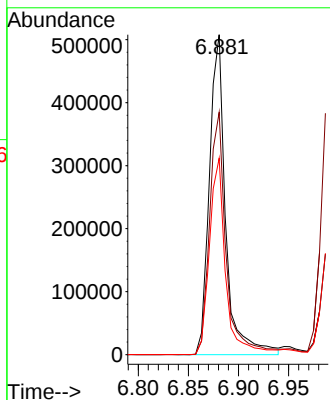
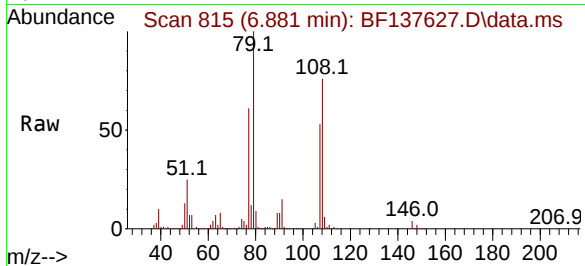




#15
Benzyl Alcohol
Concen: 48.776 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

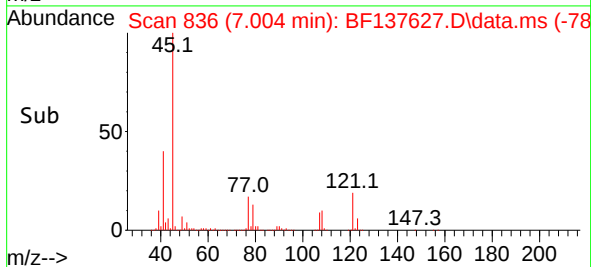
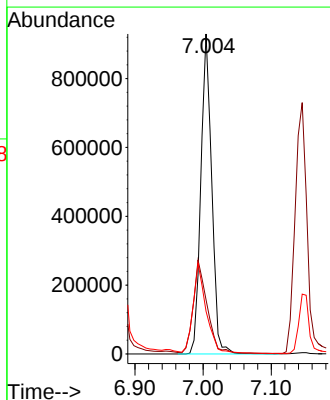
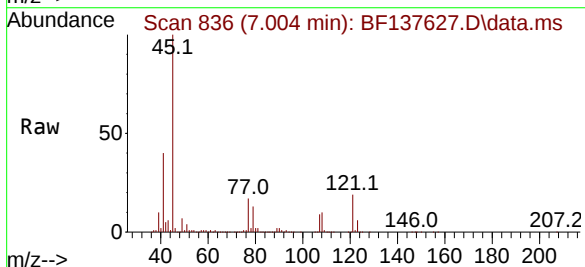
Instrument :
BNA_F
ClientSampleId :
PB159633BS

Tgt Ion: 79 Resp: 574675
Ion Ratio Lower Upper
79 100
108 75.7 59.5 89.3
77 61.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.147 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 45 Resp: 1030081
Ion Ratio Lower Upper
45 100
77 16.9 0.0 33.4
79 13.3 0.0 30.9

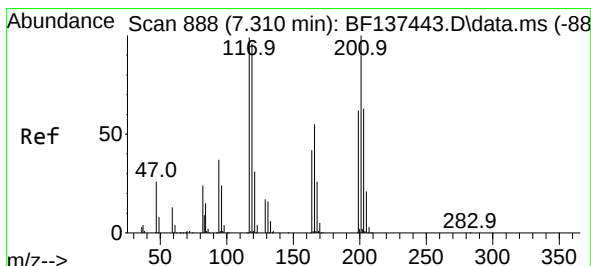
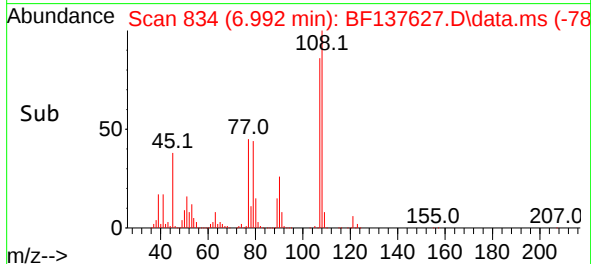
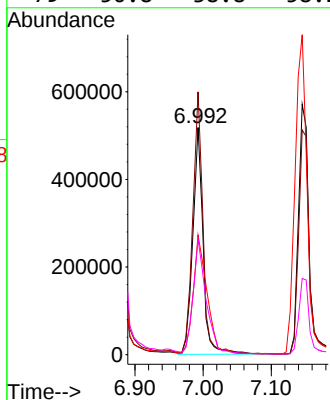
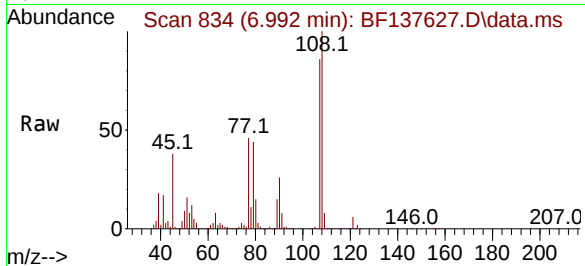




#17
2-Methylphenol
Concen: 41.747 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

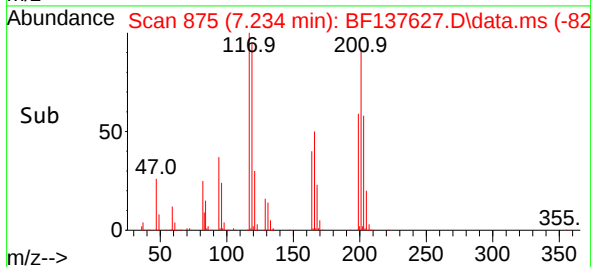
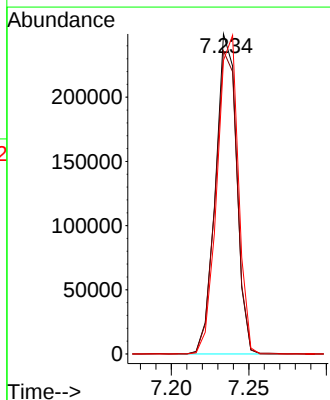
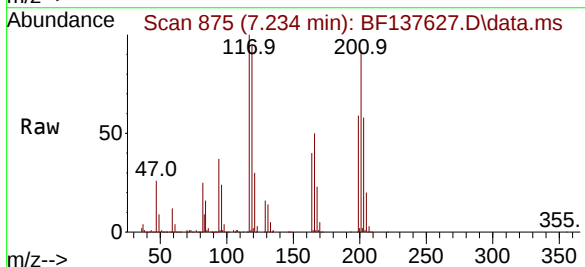
Instrument :
BNA_F
ClientSampleId :
PB159633BS

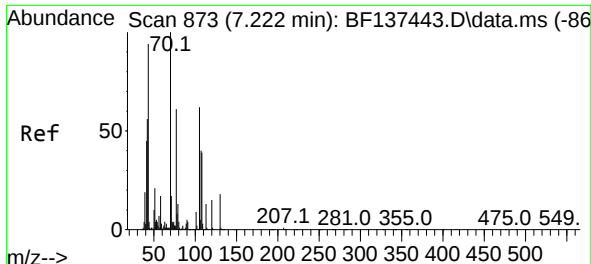
Tgt Ion:	107	Resp:	540190
Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.2	138.4
77	52.7	38.6	57.8
79	50.8	38.8	58.2



#18
Hexachloroethane
Concen: 47.417 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:	117	Resp:	236055
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.5	116.3
201	91.8	80.6	121.0



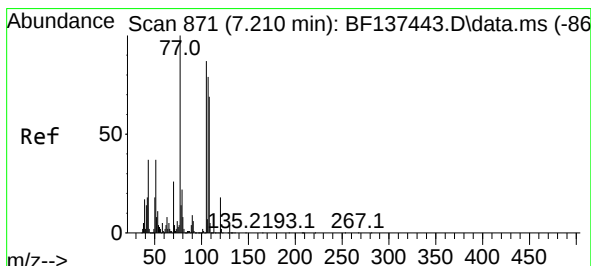
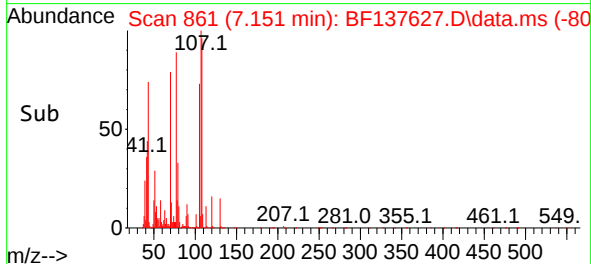
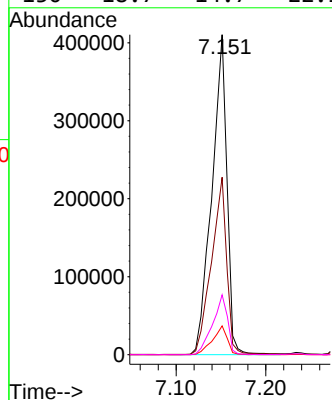
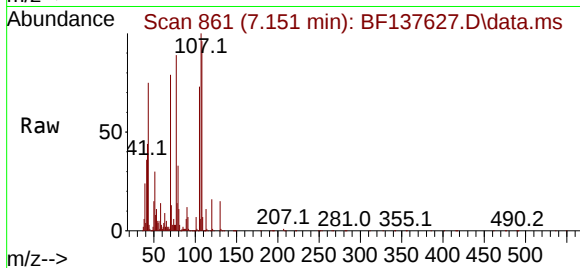


#19
n-Nitroso-di-n-propylamine
Concen: 41.118 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Instrument :
BNA_F
ClientSampleId :
PB159633BS

Tgt Ion: 70 Resp: 480525

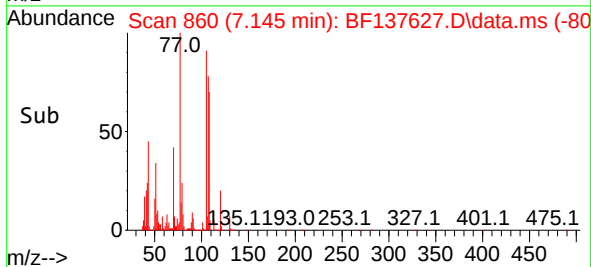
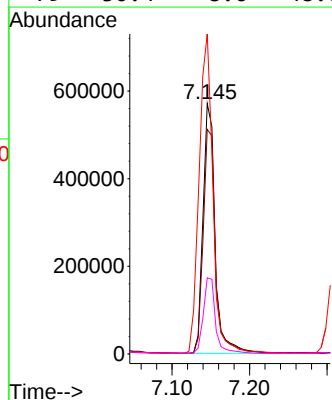
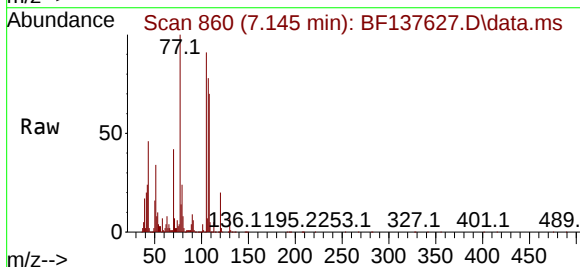
Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.2	67.8
101	9.0	7.3	10.9
130	18.7	14.7	22.1

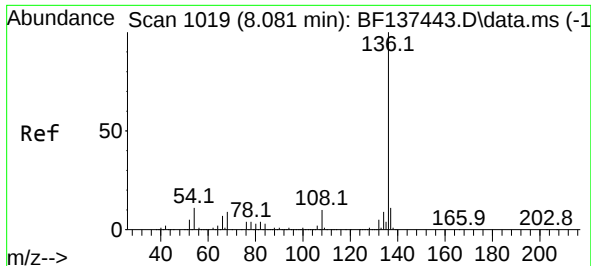


#20
3+4-Methylphenols
Concen: 41.520 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 107 Resp: 615320

Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.6	107.6
77	127.8	107.1	147.1
79	30.4	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: BF137627.D
Acq: 18 Mar 2024 13:03

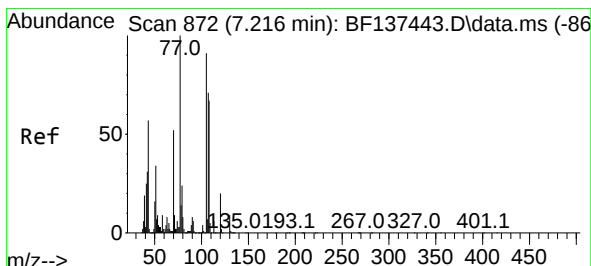
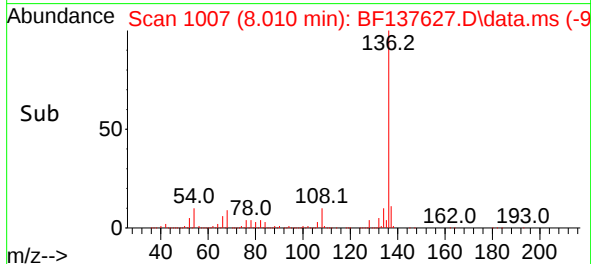
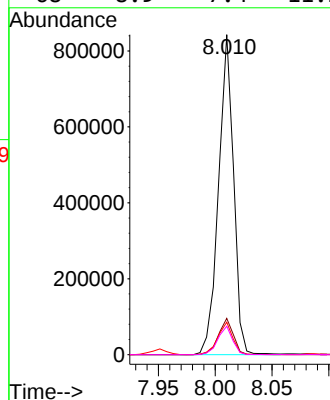
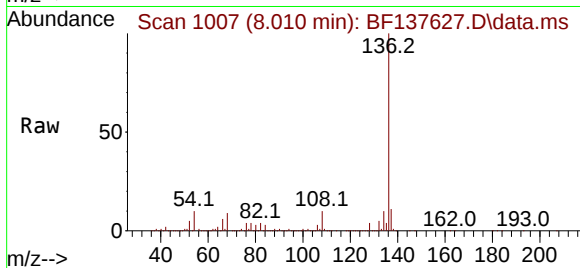
Instrument :

BNA_F

ClientSampleId :

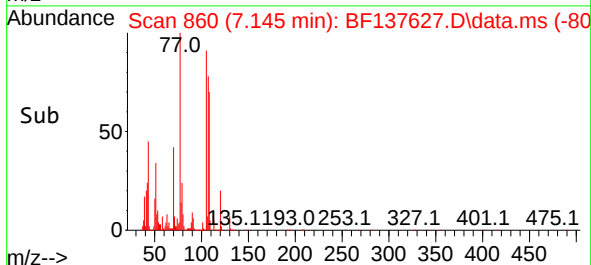
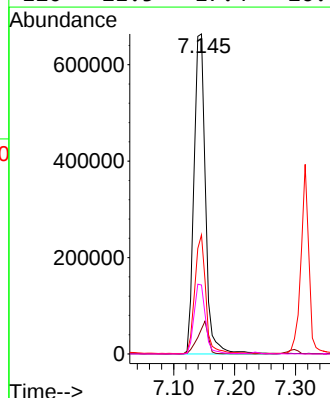
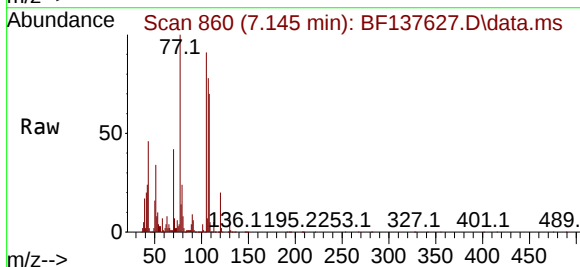
PB159633BS

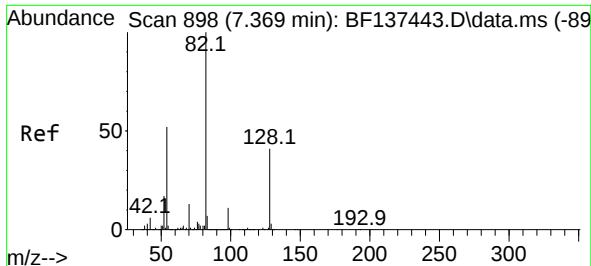
Tgt Ion:136 Resp: 778999
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 10.2 8.5 12.7
68 8.9 7.4 11.2



#22
Acetophenone
Concen: 46.168 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:105 Resp: 870178
Ion Ratio Lower Upper
105 100
71 7.8 7.7 11.5
51 37.2 30.4 45.6
120 21.5 17.4 26.0





#23

Nitrobenzene-d5

Concen: 84.524 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

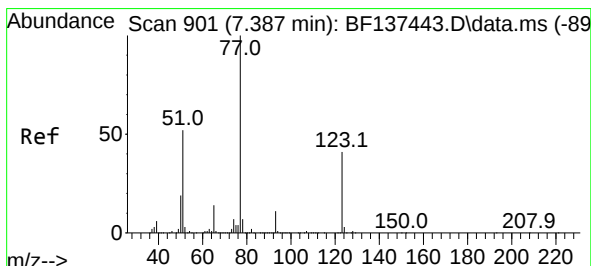
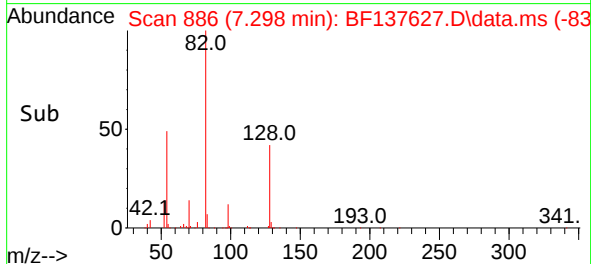
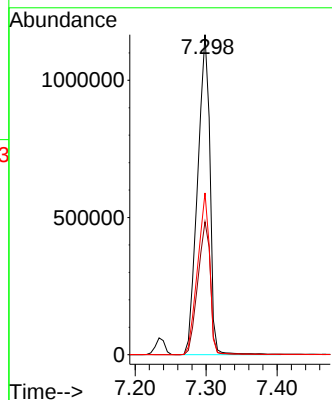
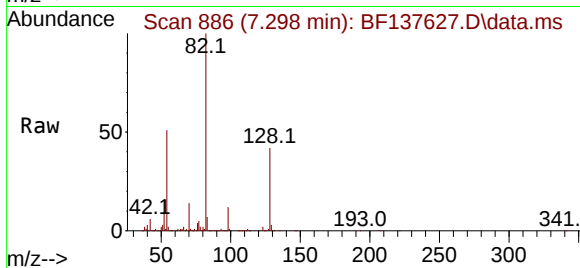
BNA_F

ClientSampleId :

PB159633BS

Tgt Ion: 82 Resp: 1417097

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.5	48.7
54	50.5	41.5	62.3



#24

Nitrobenzene

Concen: 43.640 ng

RT: 7.316 min Scan# 889

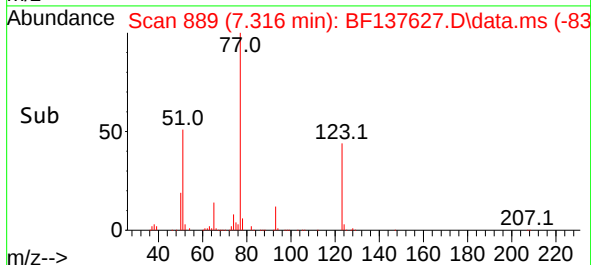
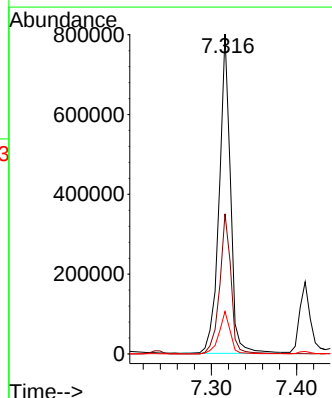
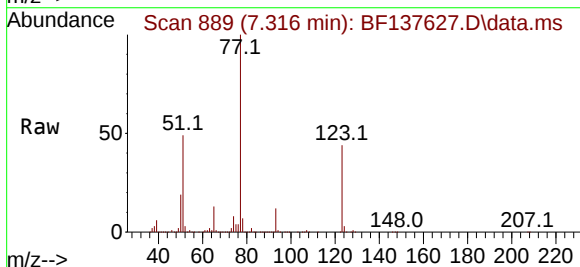
Delta R.T. -0.000 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Tgt Ion: 77 Resp: 734975

Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.6
65	13.3	10.9	16.3

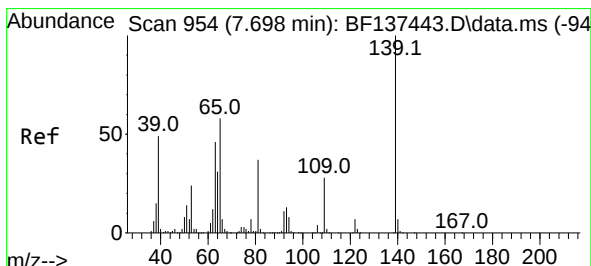
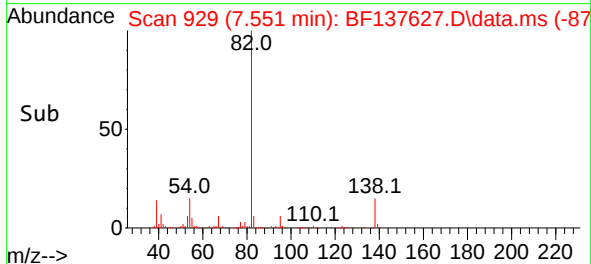
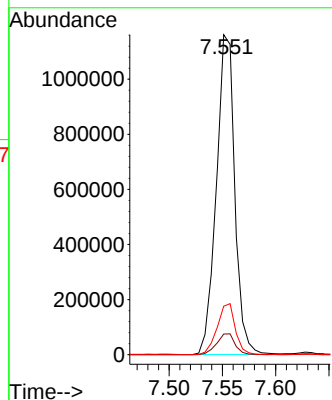
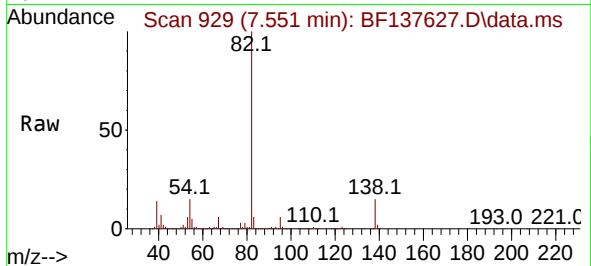




#25
Isophorone
Concen: 43.770 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

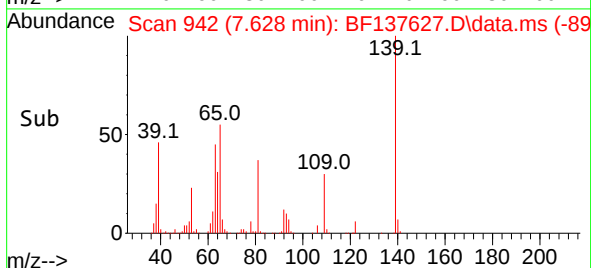
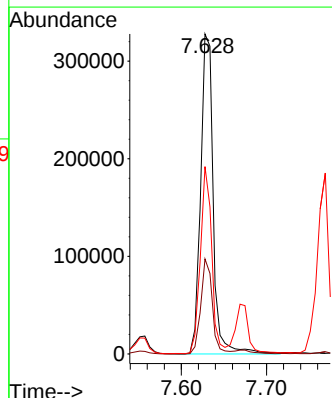
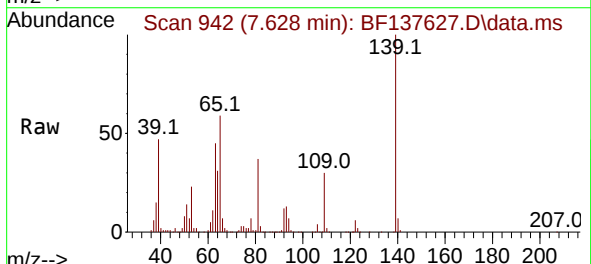
Instrument :
BNA_F
ClientSampleId :
PB159633BS

Tgt Ion: 82 Resp: 1394156
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.1 11.8 17.8



#26
2-Nitrophenol
Concen: 50.395 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:139 Resp: 336963
Ion Ratio Lower Upper
139 100
109 29.7 22.2 33.4
65 58.5 46.2 69.2

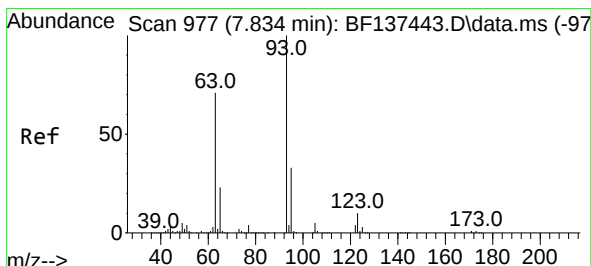
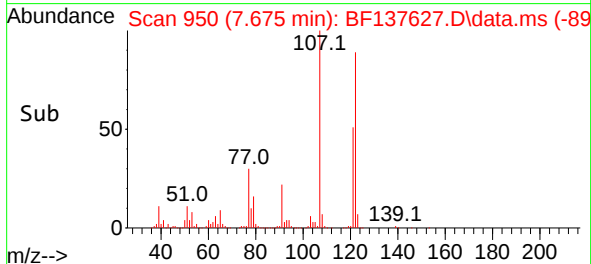
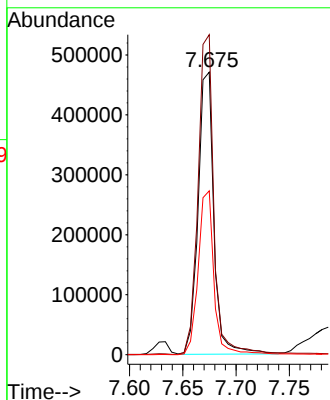
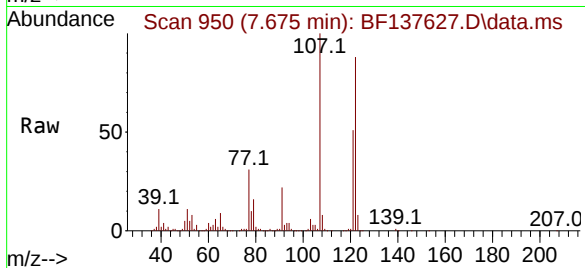




#27
2,4-Dimethylphenol
Concen: 38.998 ng
RT: 7.675 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

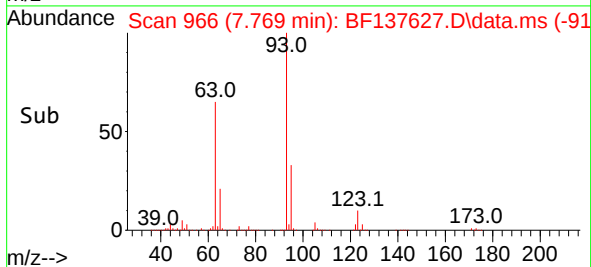
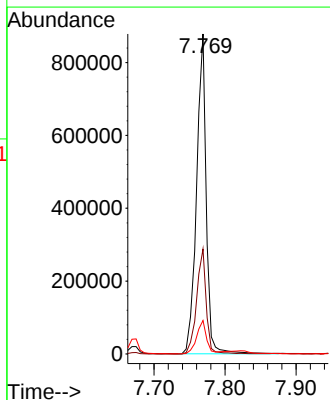
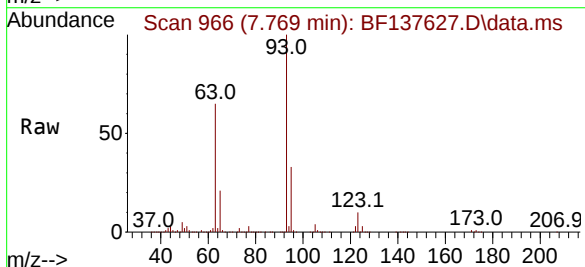
Instrument :
BNA_F
ClientSampleId :
PB159633BS

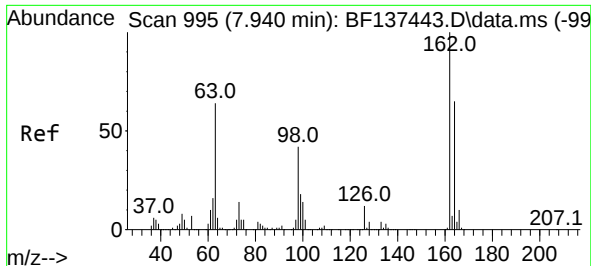
Tgt Ion:122 Resp: 487236
Ion Ratio Lower Upper
122 100
107 113.2 90.9 136.3
121 58.0 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.621 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 93 Resp: 833900
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 10.4 8.0 12.0

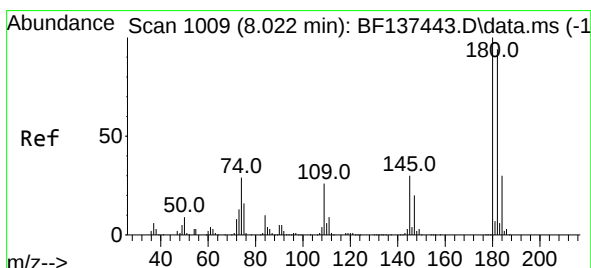
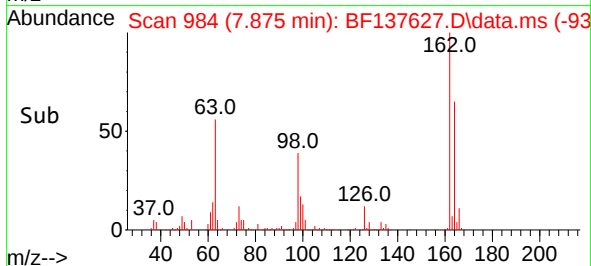
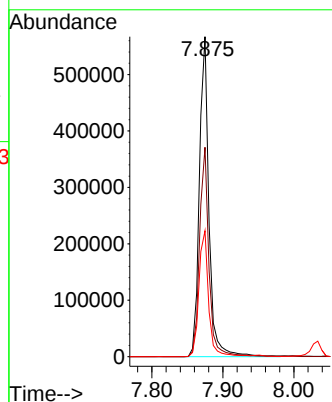
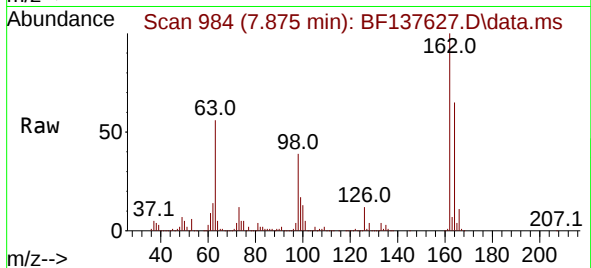




#29
2,4-Dichlorophenol
Concen: 46.634 ng
RT: 7.875 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

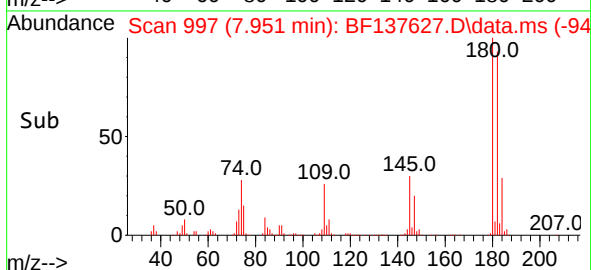
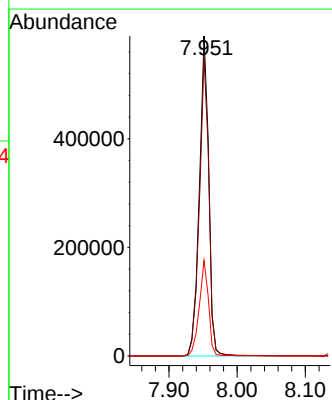
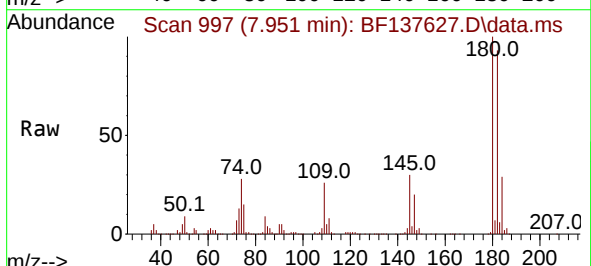
Instrument :
BNA_F
ClientSampleId :
PB159633BS

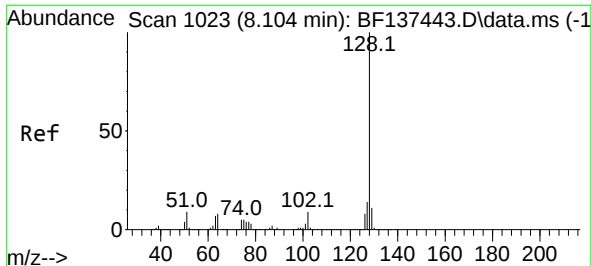
Tgt Ion:162 Resp: 534733
Ion Ratio Lower Upper
162 100
164 65.5 44.7 84.7
98 39.4 22.0 62.0



#30
1,2,4-Trichlorobenzene
Concen: 47.163 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:180 Resp: 569102
Ion Ratio Lower Upper
180 100
182 93.4 75.0 112.6
145 29.8 23.7 35.5

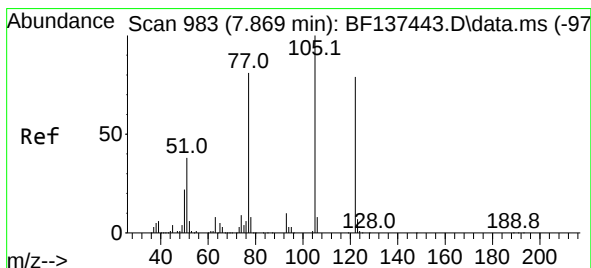
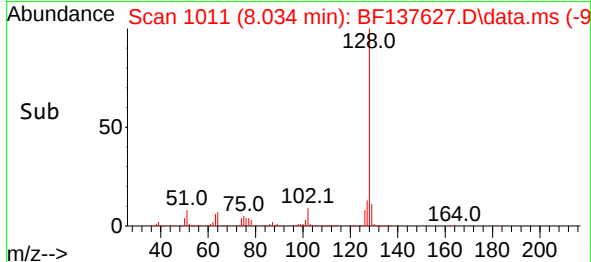
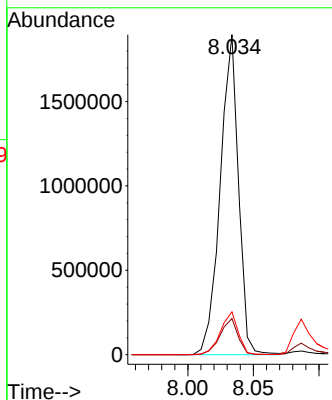
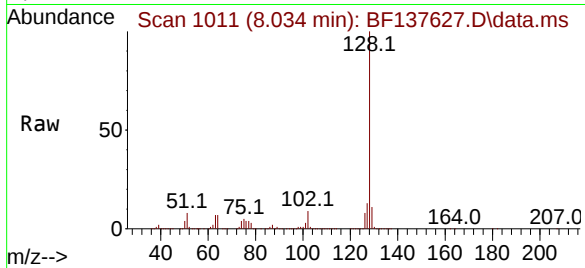




#31
Naphthalene
Concen: 43.893 ng
RT: 8.034 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

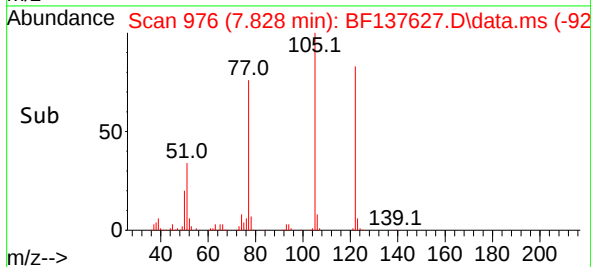
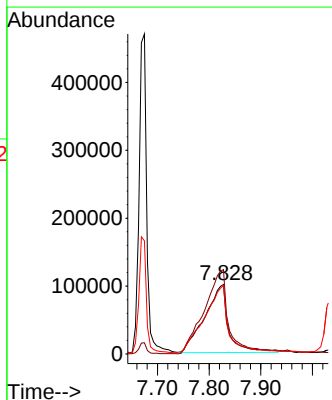
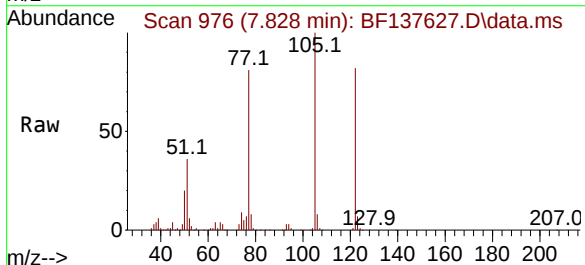
Instrument :
BNA_F
ClientSampleId :
PB159633BS

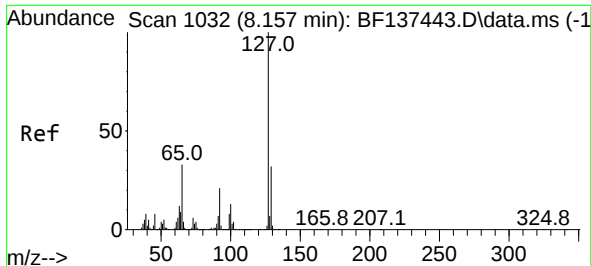
Tgt Ion:128 Resp: 1834576
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 45.323 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.029 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:122 Resp: 323189
Ion Ratio Lower Upper
122 100
105 121.3 102.4 142.4
77 98.4 81.1 121.1

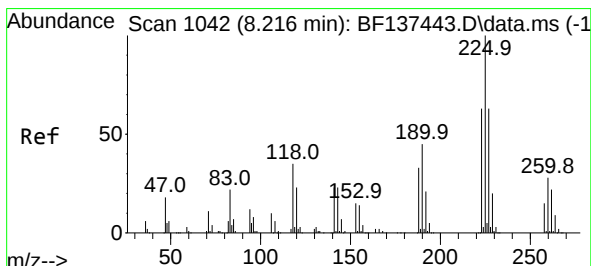
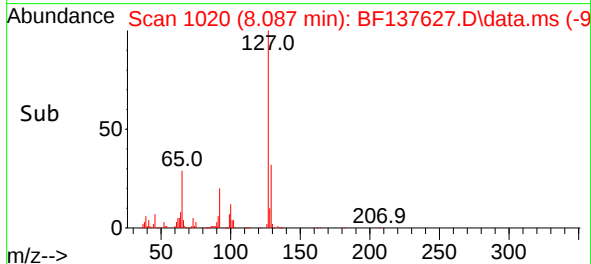
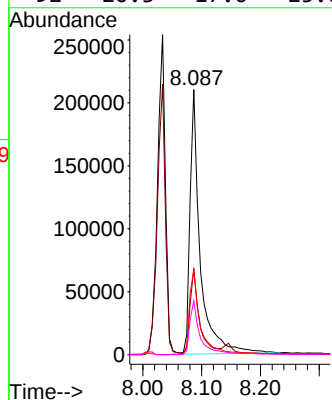
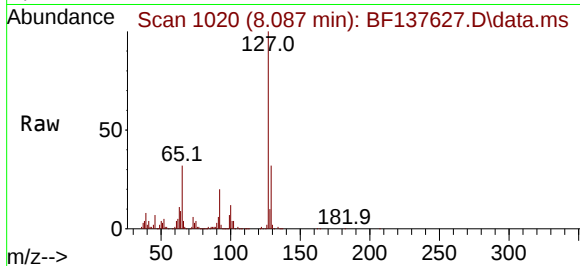




#33
4-Chloroaniline
Concen: 15.461 ng
RT: 8.087 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

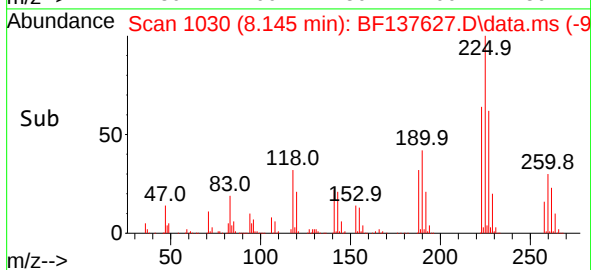
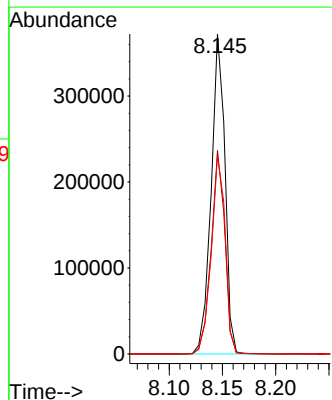
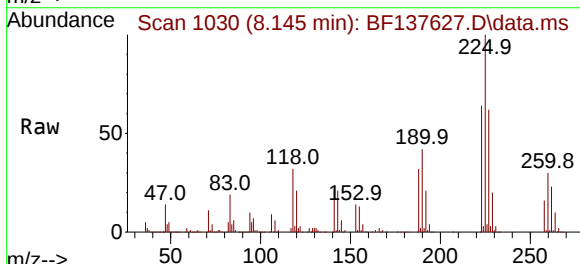
Instrument :
BNA_F
ClientSampleId :
PB159633BS

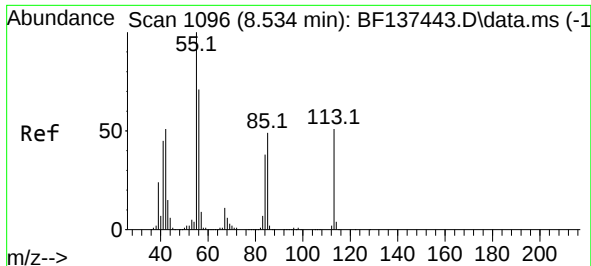
Tgt Ion:	127	Resp:	253392
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	32.1	26.8	40.2
92	20.3	17.0	25.6



#34
Hexachlorobutadiene
Concen: 46.945 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:	225	Resp:	334434
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.7	76.1
227	62.0	50.6	75.8

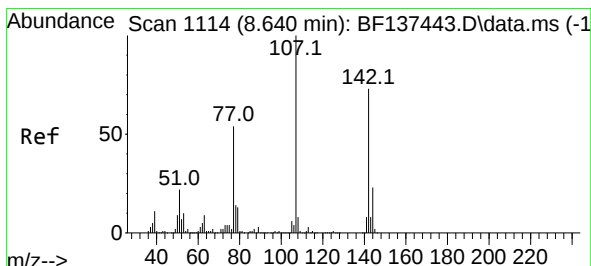
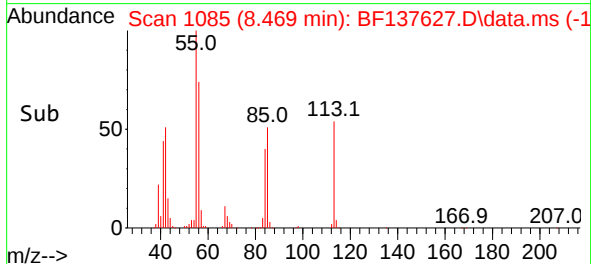
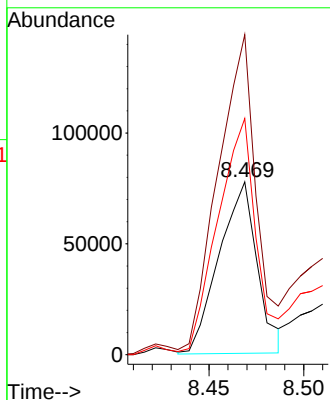
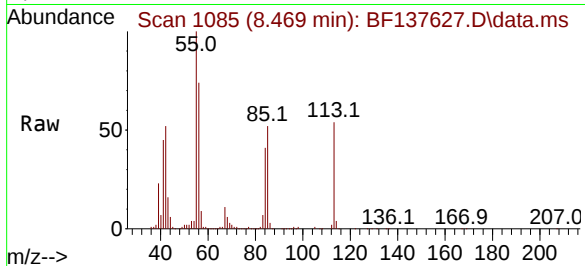




#35
 Caprolactam
 Concen: 27.917 ng
 RT: 8.469 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

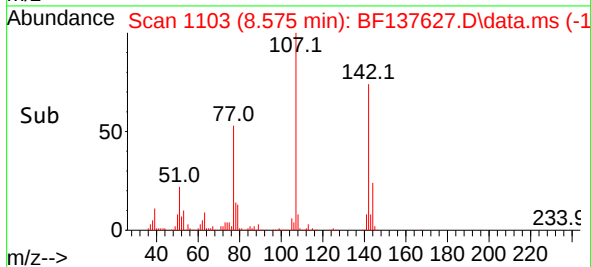
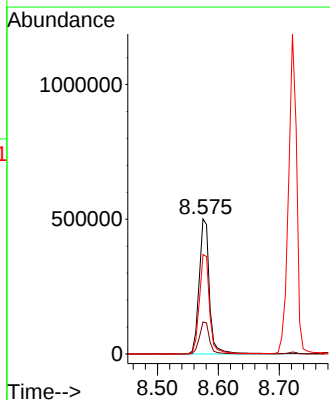
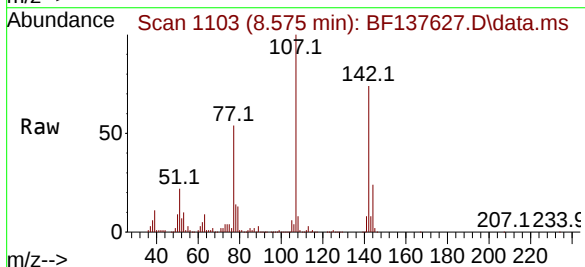
Instrument :
 BNA_F
 ClientSampleId :
 PB159633BS

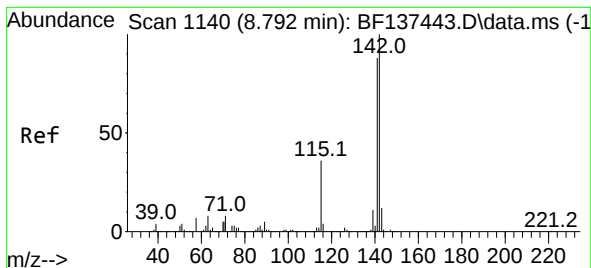
Tgt Ion:113 Resp: 108545
 Ion Ratio Lower Upper
 113 100
 55 185.3 176.7 216.7
 56 136.7 120.6 160.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.610 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

Tgt Ion:107 Resp: 584599
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.7 28.1
 142 73.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.744 ng

RT: 8.722 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

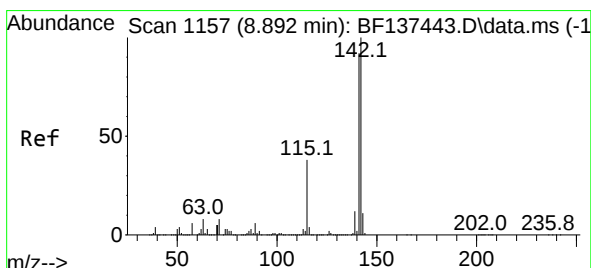
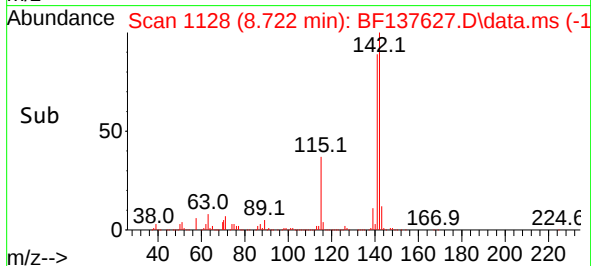
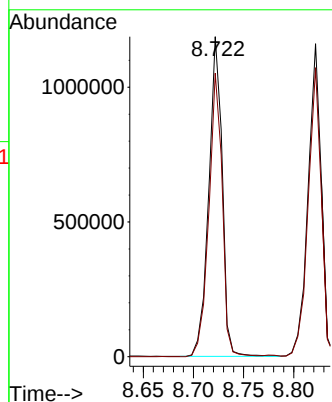
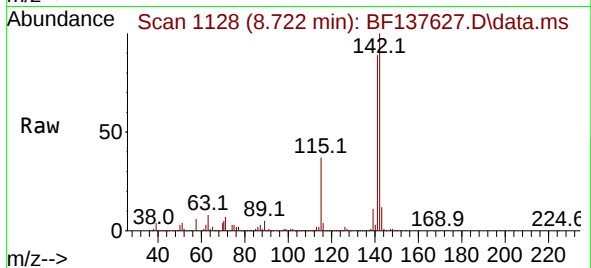
PB159633BS

Tgt Ion:142 Resp: 1112256

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.206 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137627.D

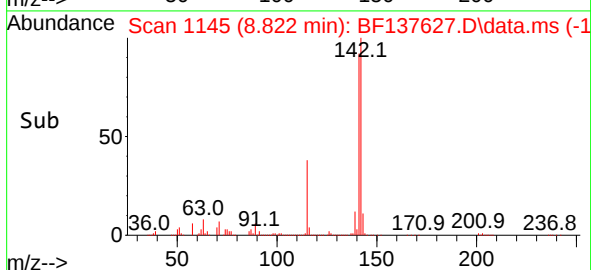
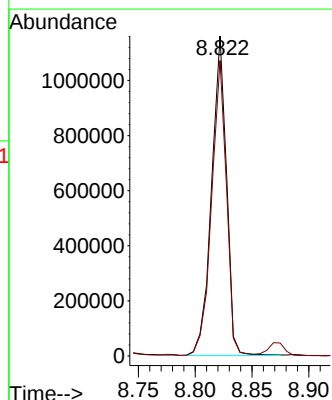
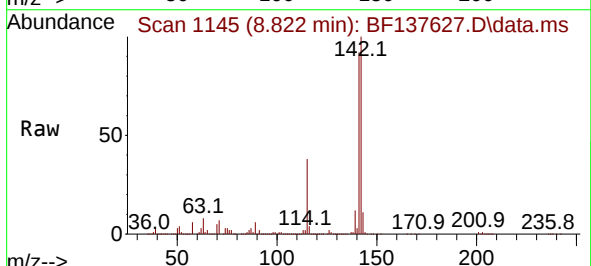
Acq: 18 Mar 2024 13:03

Tgt Ion:142 Resp: 1059039

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2

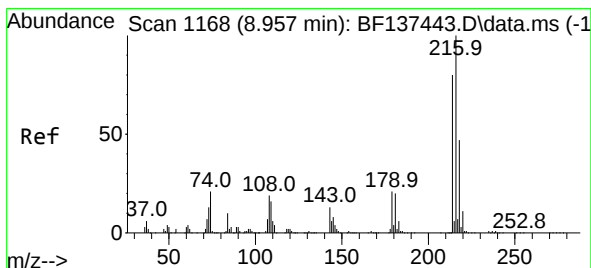
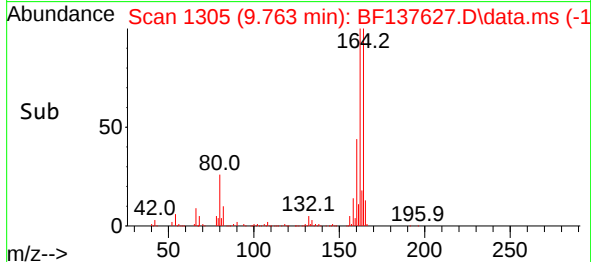
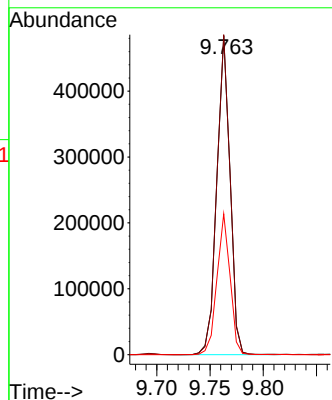
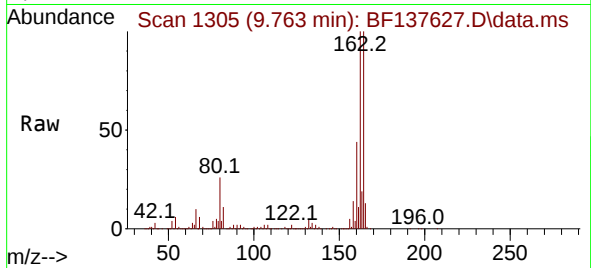




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

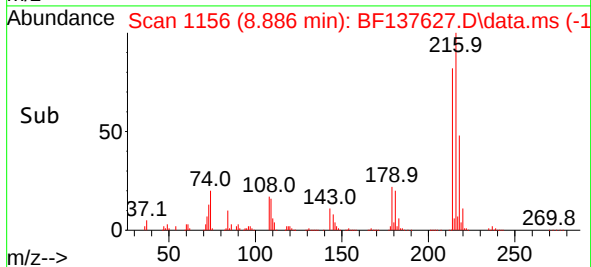
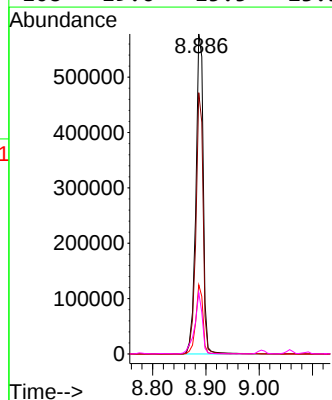
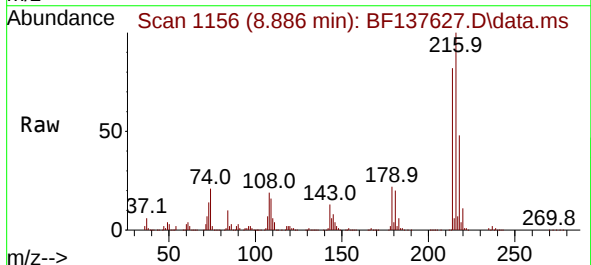
Instrument :
BNA_F
ClientSampleId :
PB159633BS

Tgt Ion:164 Resp: 418384
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 44.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.020 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:216 Resp: 560880
Ion Ratio Lower Upper
216 100
214 79.6 63.5 95.3
179 20.6 16.6 25.0
108 19.6 15.5 23.3

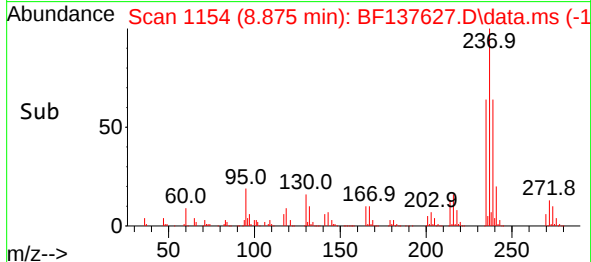
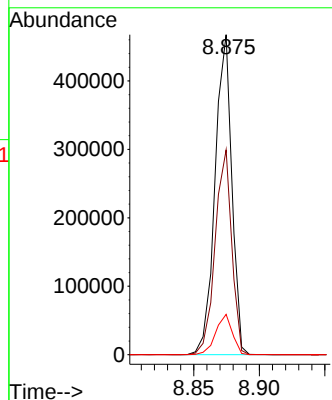
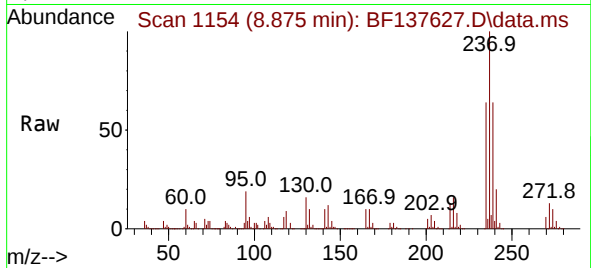




#41
Hexachlorocyclopentadiene
Concen: 86.370 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

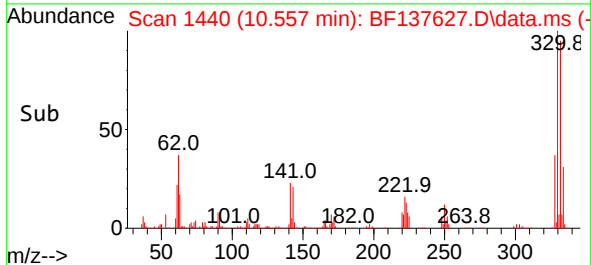
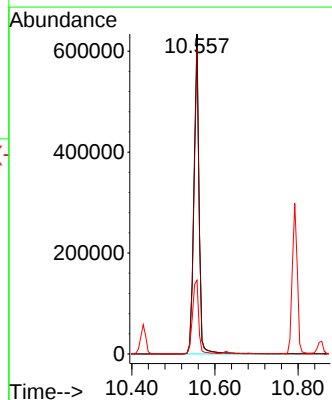
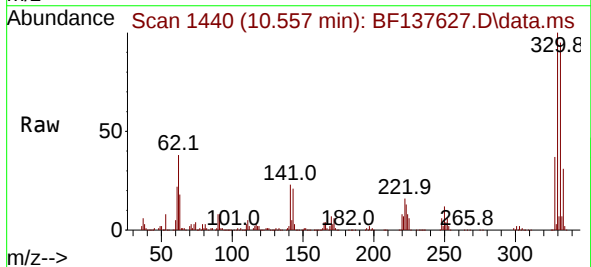
Instrument :
BNA_F
ClientSampleId :
PB159633BS

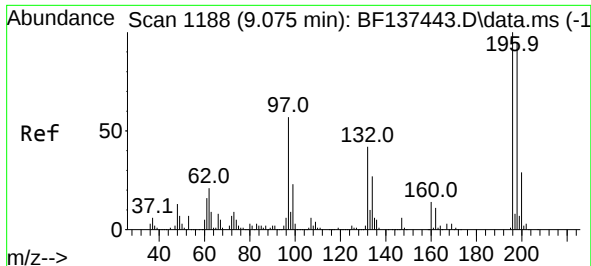
Tgt Ion:237 Resp: 415185
Ion Ratio Lower Upper
237 100
235 64.0 43.6 83.6
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 147.297 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:330 Resp: 541188
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 27.9 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 48.142 ng

RT: 9.004 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

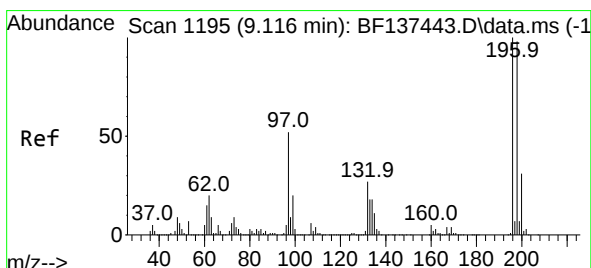
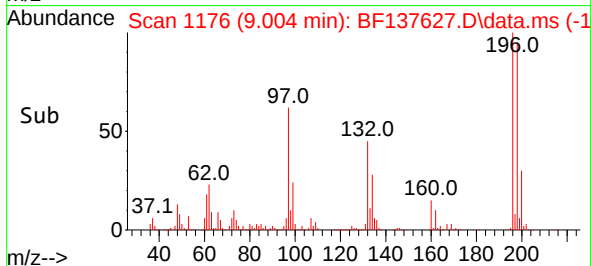
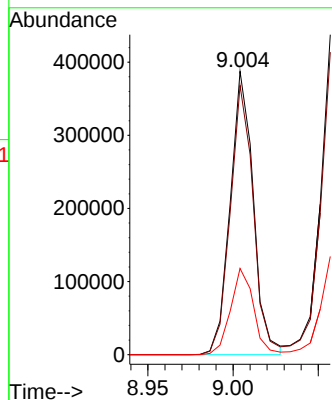
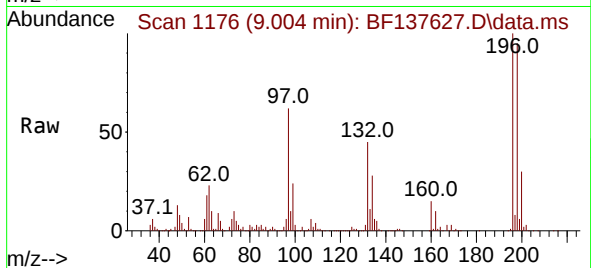
Tgt Ion:196 Resp: 366176

Ion Ratio Lower Upper

196 100

198 95.0 75.8 113.8

200 30.4 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 44.959 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.018 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Tgt Ion:196 Resp: 393928

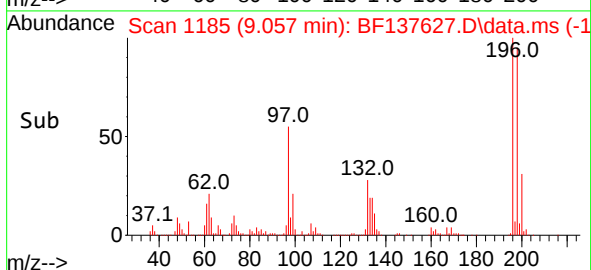
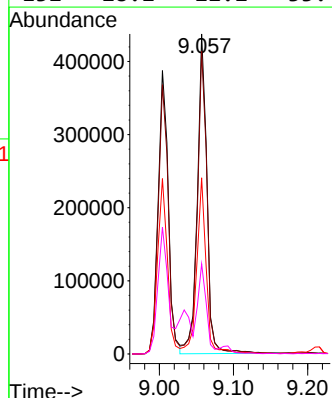
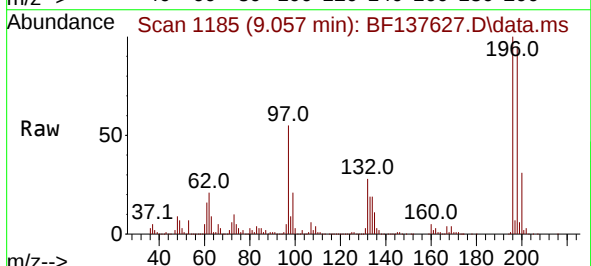
Ion Ratio Lower Upper

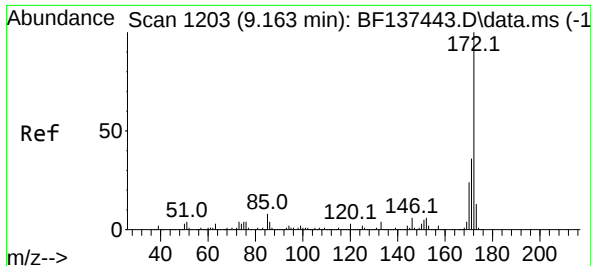
196 100

198 94.5 78.6 117.8

97 55.0 41.8 62.8

132 28.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 84.677 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

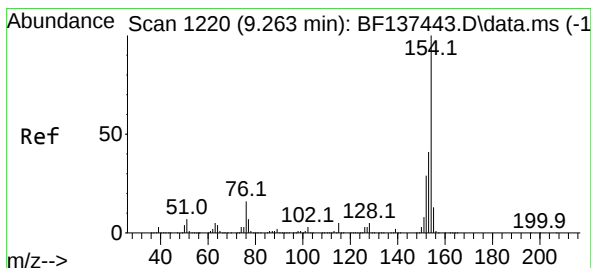
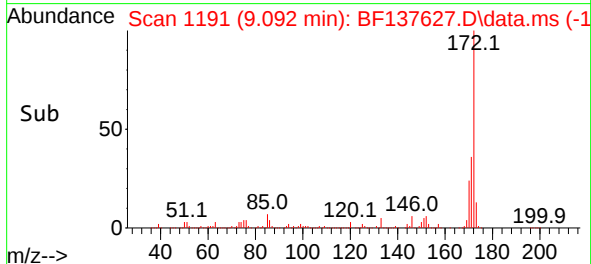
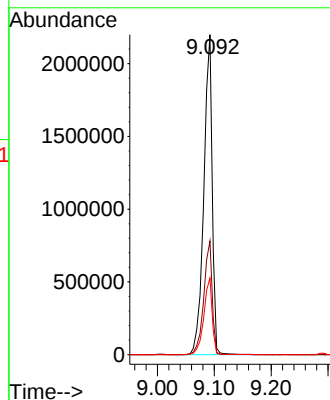
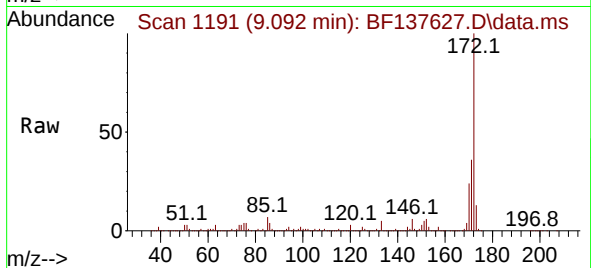
Tgt Ion:172 Resp: 2263223

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.505 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

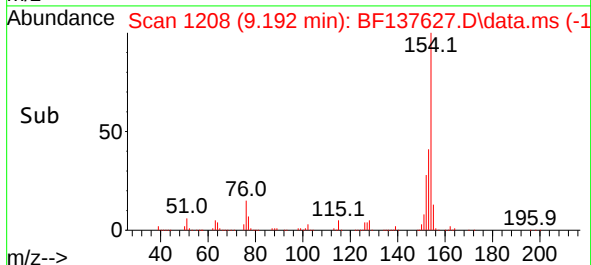
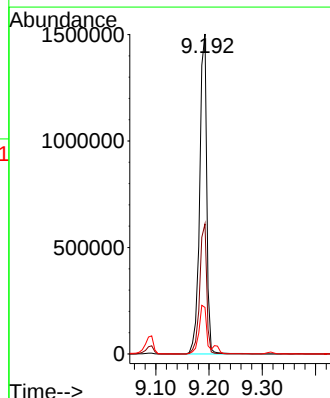
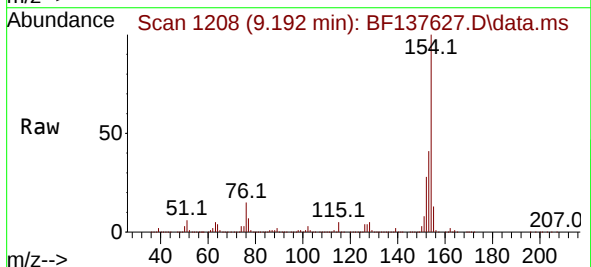
Tgt Ion:154 Resp: 1393456

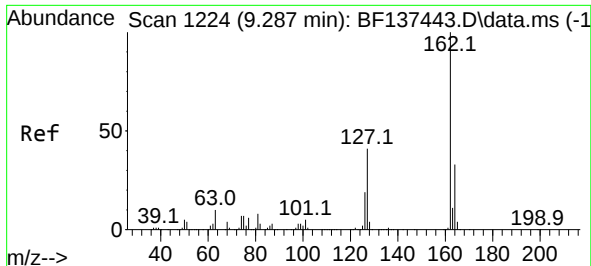
Ion Ratio Lower Upper

154 100

153 40.7 21.0 61.0

76 14.6 0.0 35.8

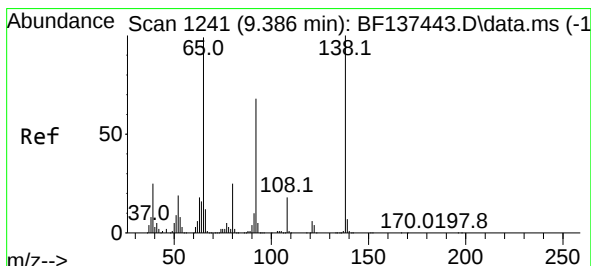
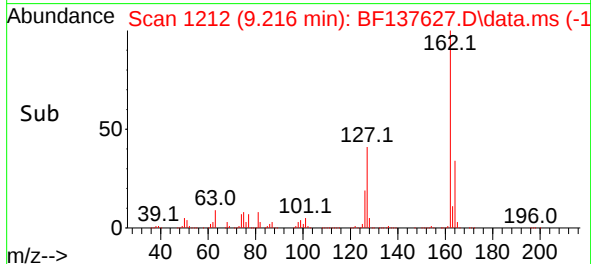
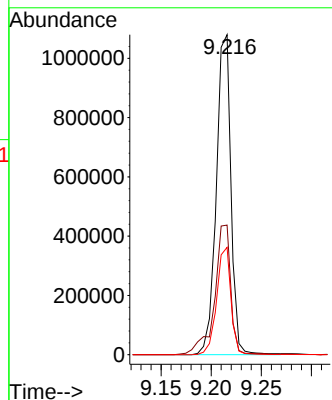
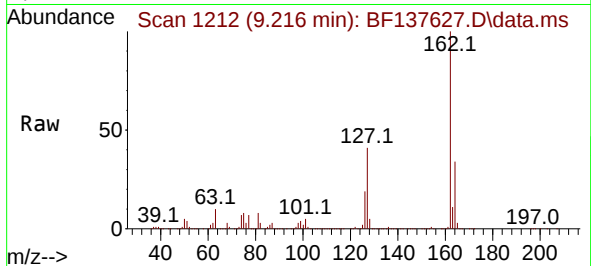




#47
2-Chloronaphthalene
Concen: 47.054 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

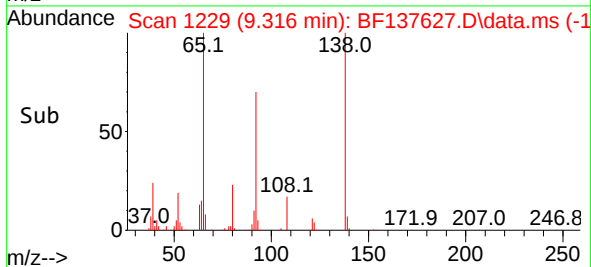
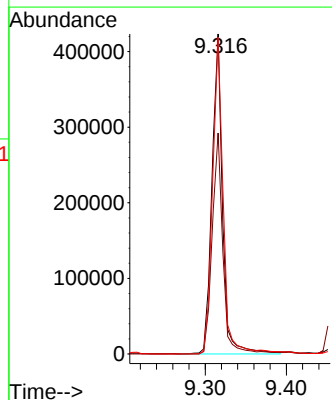
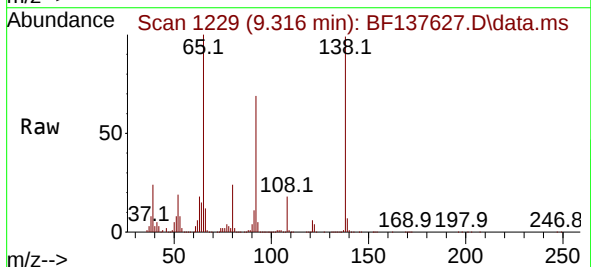
Instrument :
BNA_F
ClientSampleId :
PB159633BS

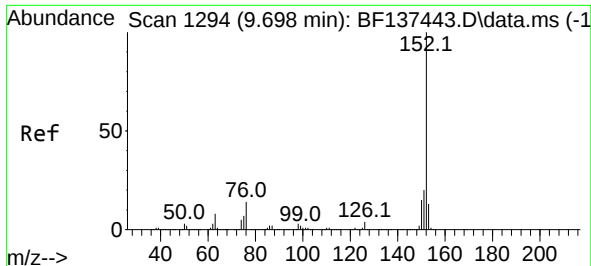
Tgt Ion:162 Resp: 1098554
Ion Ratio Lower Upper
162 100
127 40.5 32.6 49.0
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 48.071 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 65 Resp: 381461
Ion Ratio Lower Upper
65 100
92 69.0 55.4 83.2
138 99.1 81.0 121.6

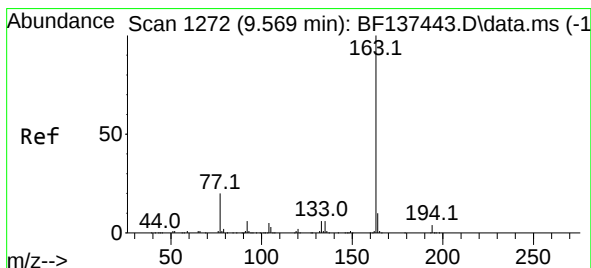
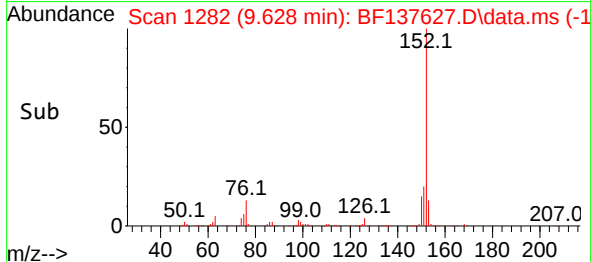
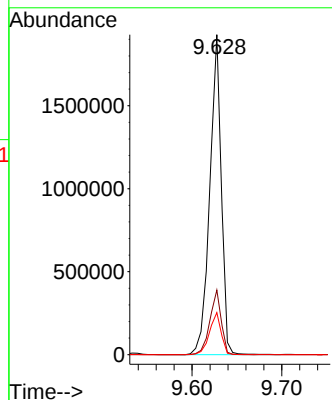
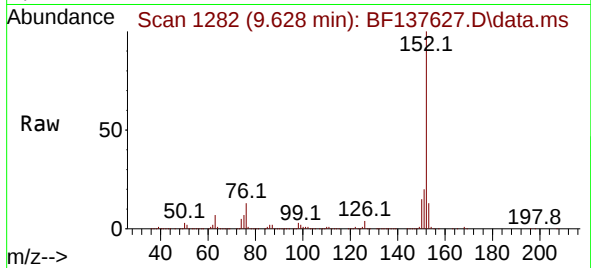




#49
Acenaphthylene
Concen: 45.883 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

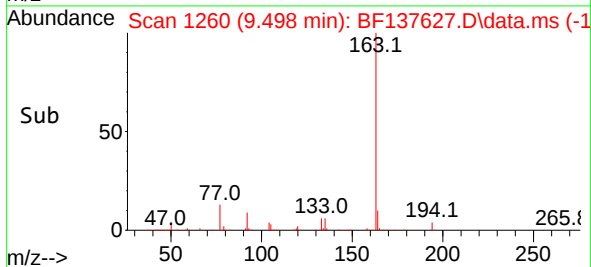
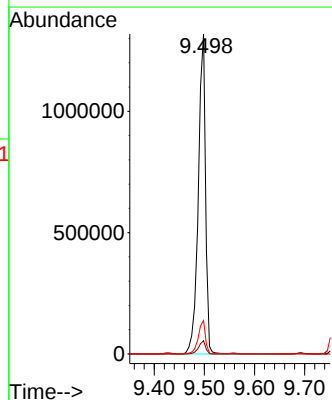
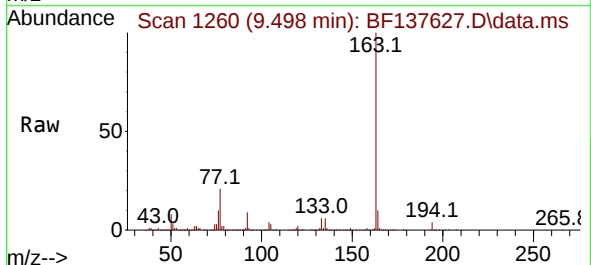
Instrument :
BNA_F
ClientSampleId :
PB159633BS

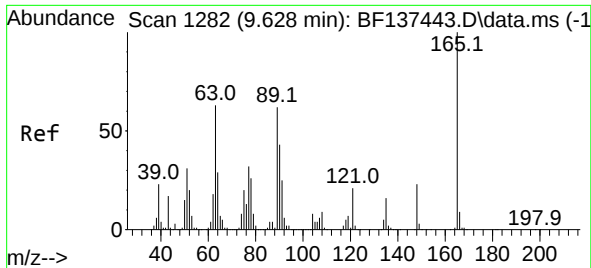
Tgt Ion:152 Resp: 1714333
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 45.309 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:163 Resp: 1319602
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.1 12.1

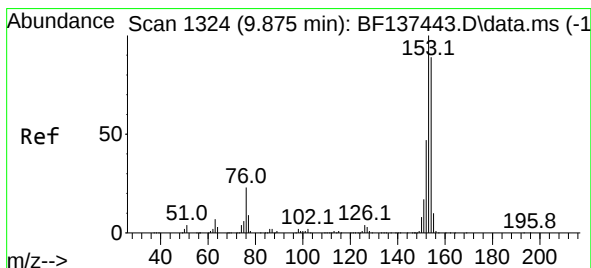
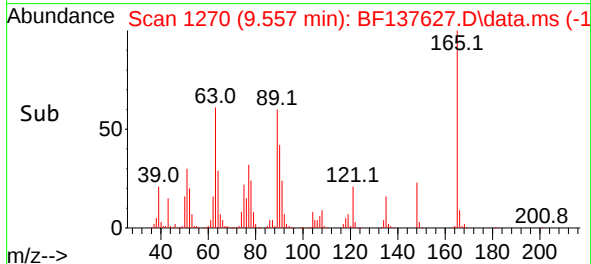
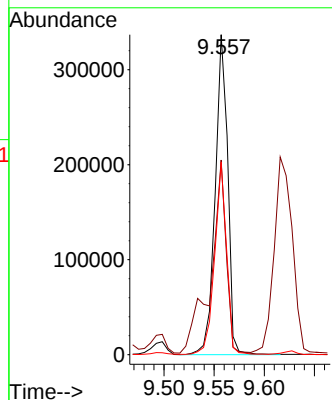
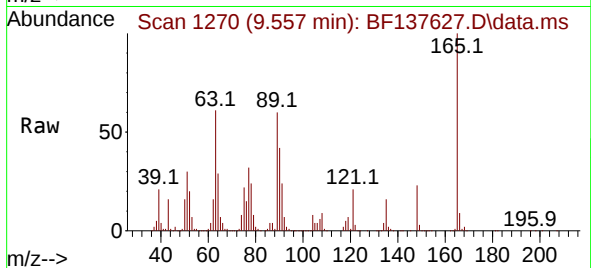




#51
2,6-Dinitrotoluene
Concen: 47.988 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

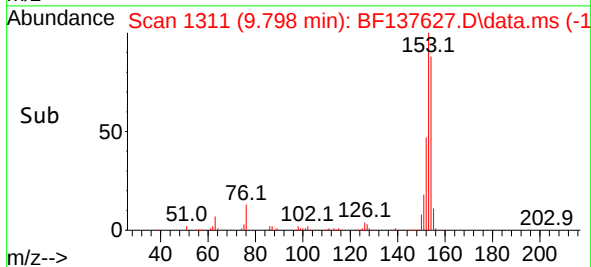
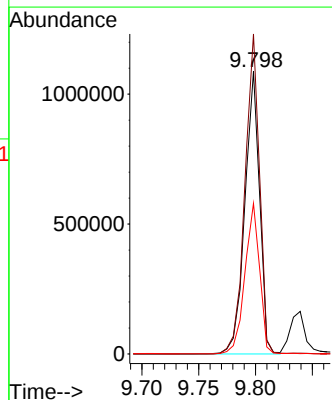
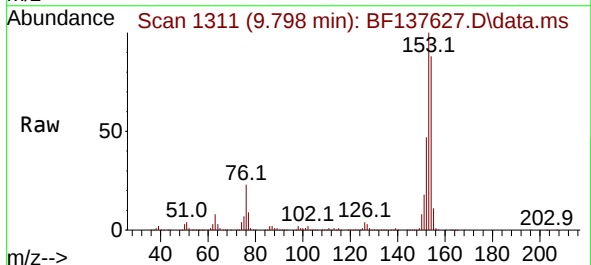
Instrument :
BNA_F
ClientSampleId :
PB159633BS

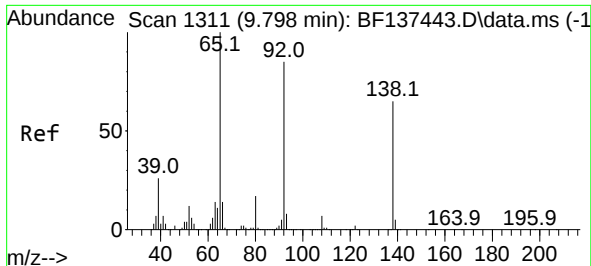
Tgt Ion:165 Resp: 292329
Ion Ratio Lower Upper
165 100
63 60.8 50.7 76.1
89 60.2 50.0 75.0



#52
Acenaphthene
Concen: 43.989 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:154 Resp: 981214
Ion Ratio Lower Upper
154 100
153 113.3 90.3 135.5
152 53.3 42.7 64.1

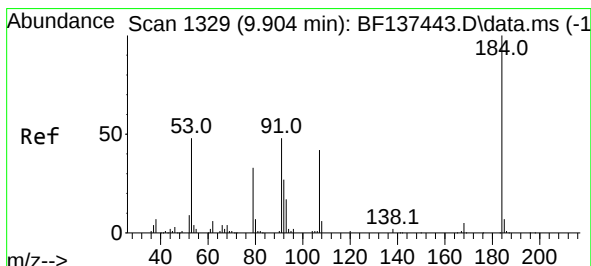
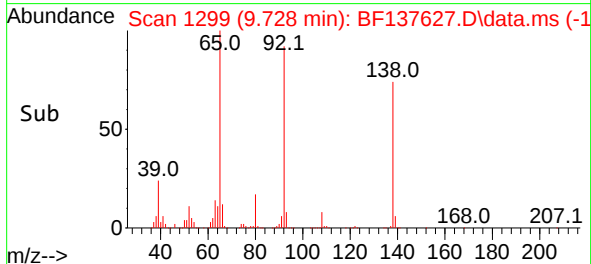
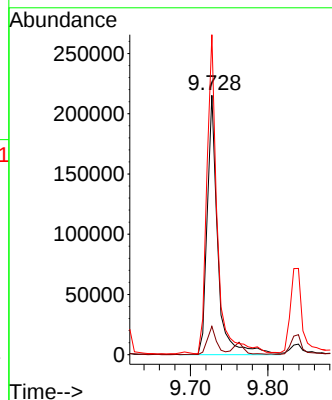
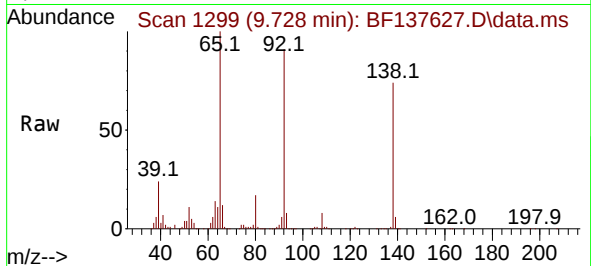




#53
3-Nitroaniline
Concen: 31.625 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

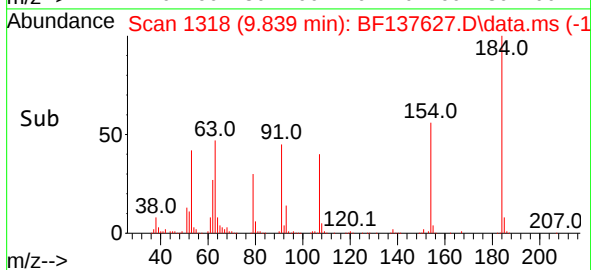
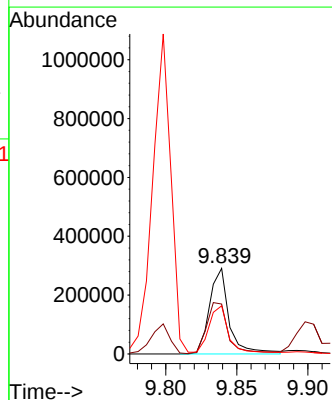
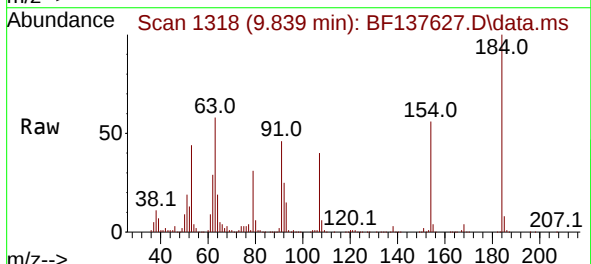
Instrument :
BNA_F
ClientSampleId :
PB159633BS

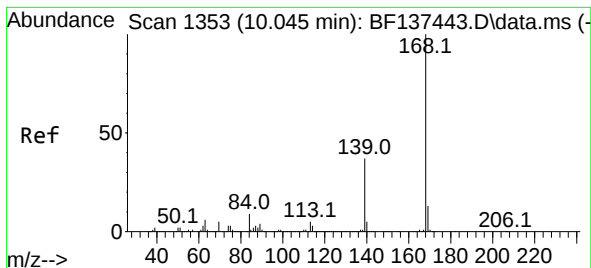
Tgt Ion:138 Resp: 203775
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 123.4 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 93.091 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:184 Resp: 281048
Ion Ratio Lower Upper
184 100
63 58.2 53.3 79.9
154 56.3 47.4 71.0





#55

Dibenzenofuran

Concen: 43.131 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

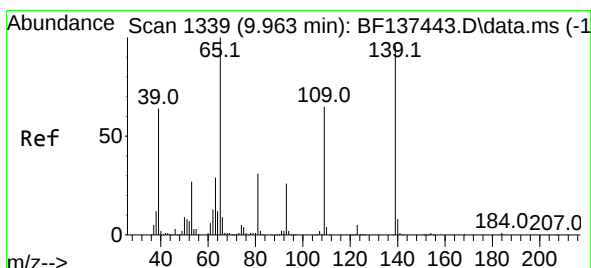
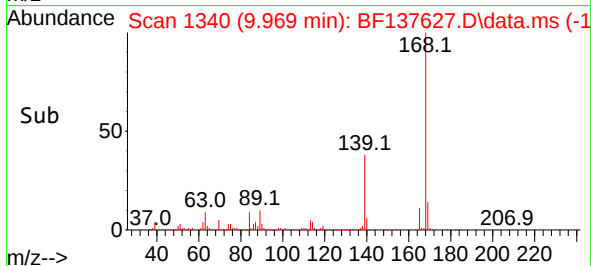
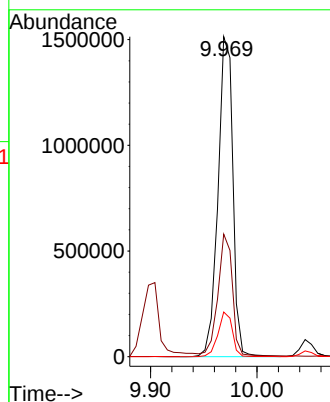
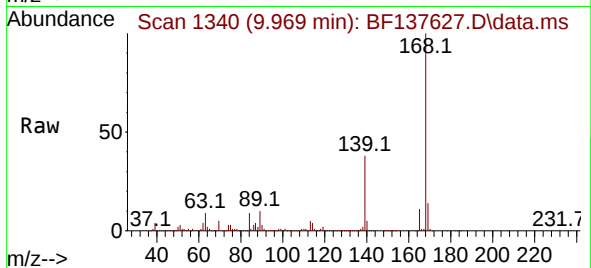
Tgt Ion:168 Resp: 1465314

Ion Ratio Lower Upper

168 100

139 38.3 29.8 44.6

169 13.9 10.8 16.2



#56

4-Nitrophenol

Concen: 85.994 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.018 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

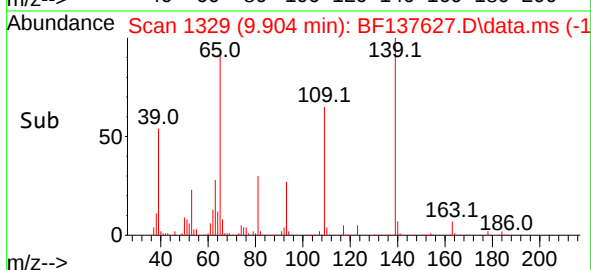
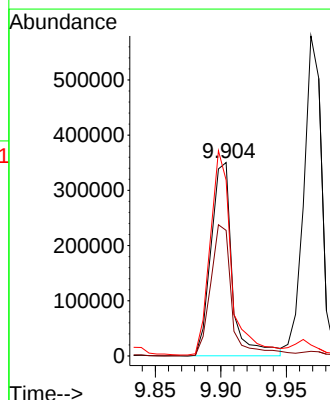
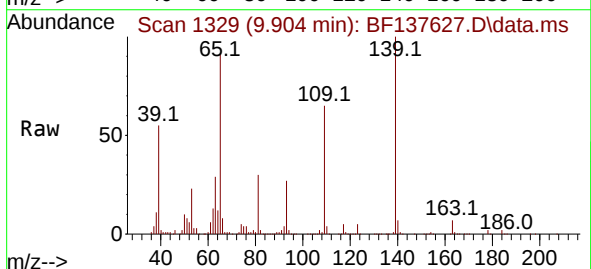
Tgt Ion:139 Resp: 395856

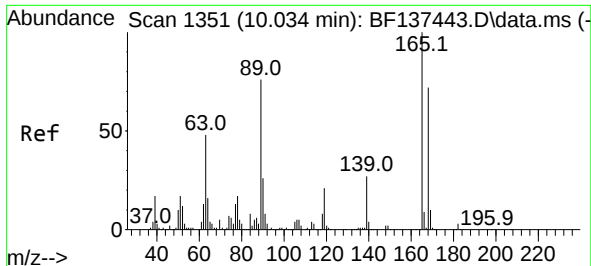
Ion Ratio Lower Upper

139 100

109 65.0 47.1 87.1

65 91.0 85.1 125.1

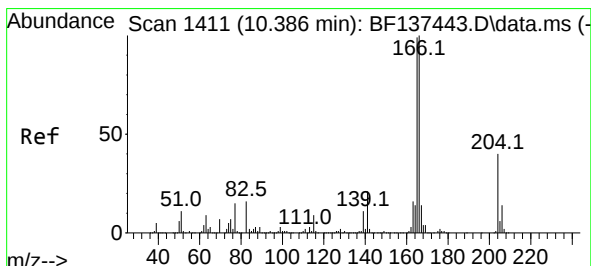
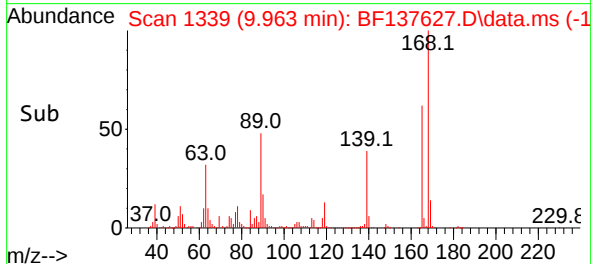
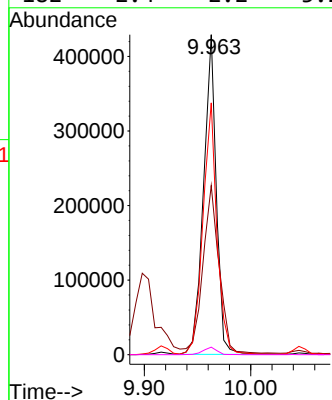
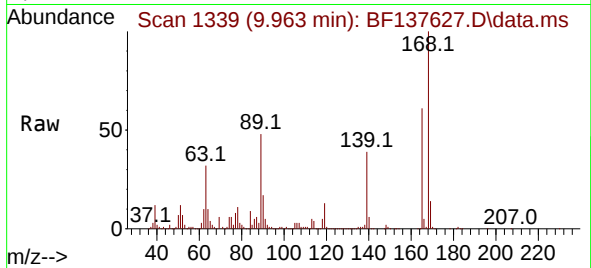




#57
2,4-Dinitrotoluene
Concen: 48.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

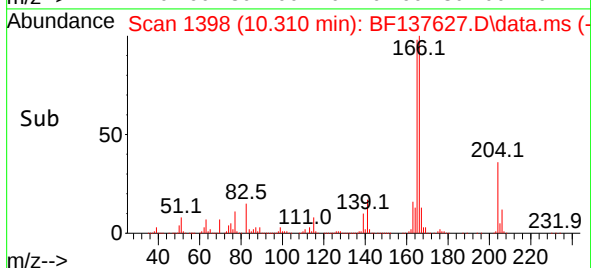
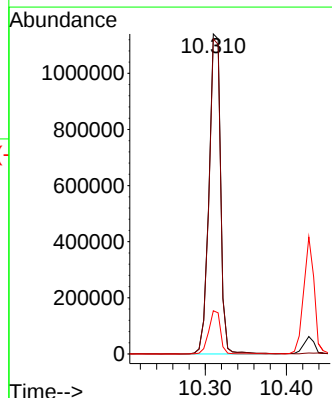
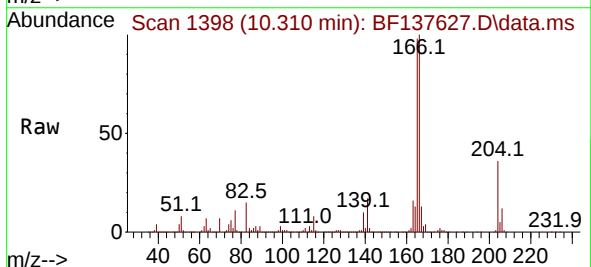
Instrument :
BNA_F
ClientSampleId :
PB159633BS

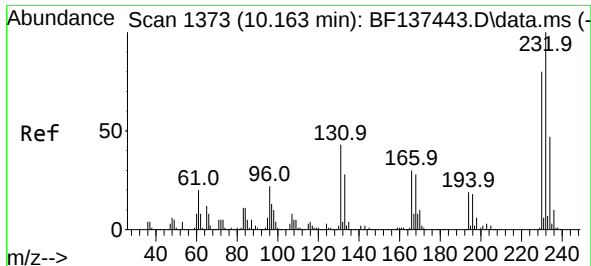
Tgt Ion:165 Resp: 359233
Ion Ratio Lower Upper
165 100
63 52.8 39.0 58.6
89 78.7 60.9 91.3
182 2.4 2.2 3.2



#58
Fluorene
Concen: 42.984 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:166 Resp: 1121497
Ion Ratio Lower Upper
166 100
165 98.5 79.2 118.8
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.411 ng

RT: 10.092 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

Tgt Ion:232 Resp: 326099

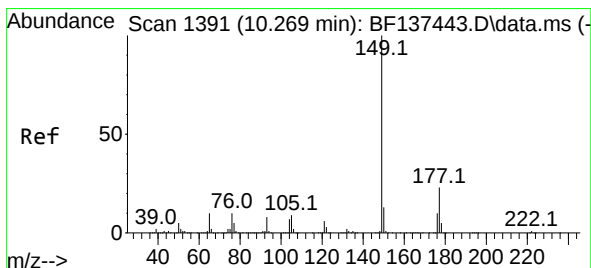
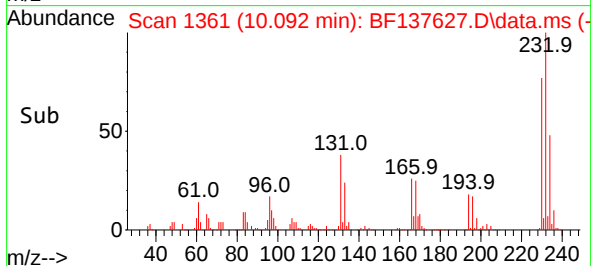
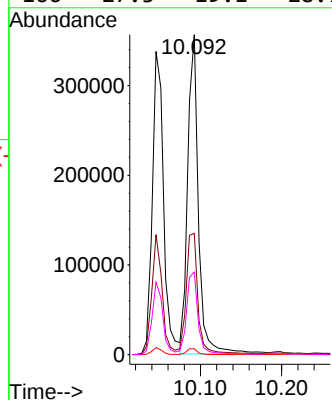
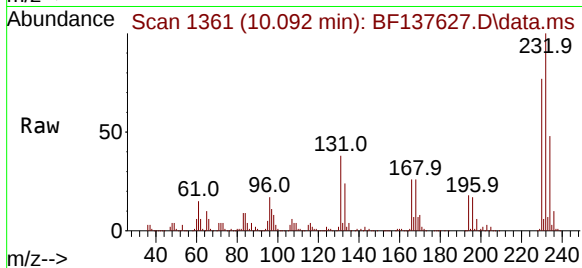
Ion Ratio Lower Upper

232 100

131 42.5 31.2 46.8

130 2.1 1.8 2.6

166 27.3 19.1 28.7



#60

Diethylphthalate

Concen: 44.689 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

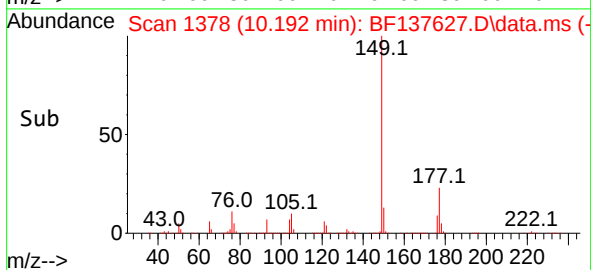
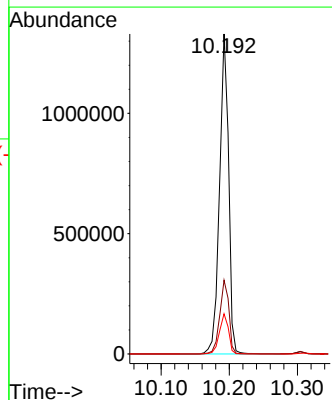
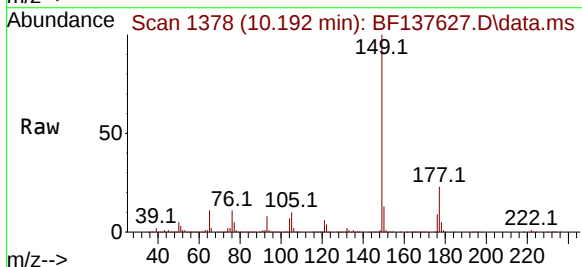
Tgt Ion:149 Resp: 1229073

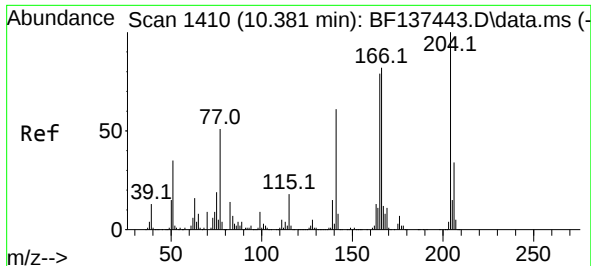
Ion Ratio Lower Upper

149 100

177 23.0 18.7 28.1

150 12.5 10.2 15.4

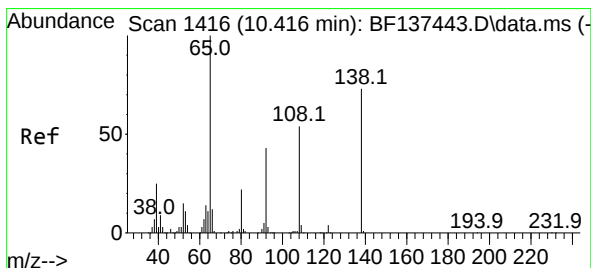
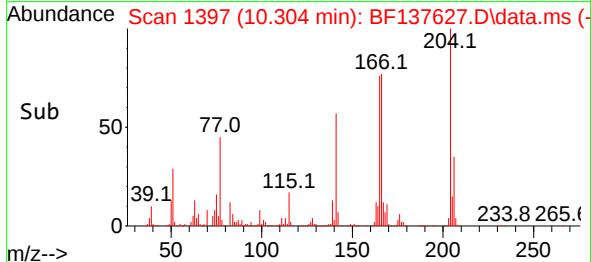
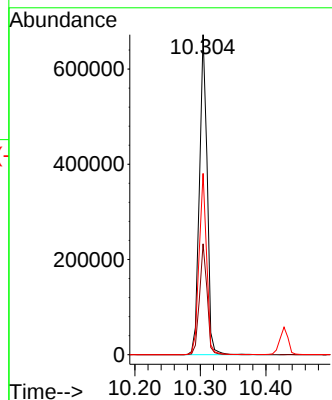
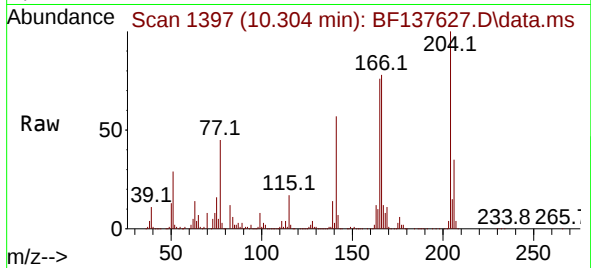




#61
4-Chlorophenyl-phenylether
Concen: 43.229 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

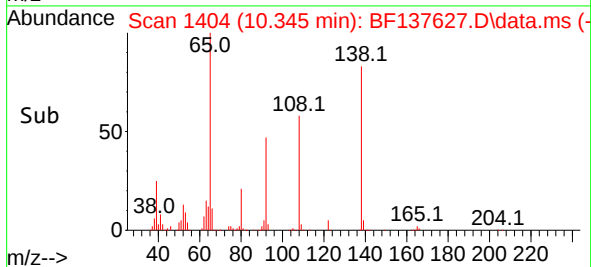
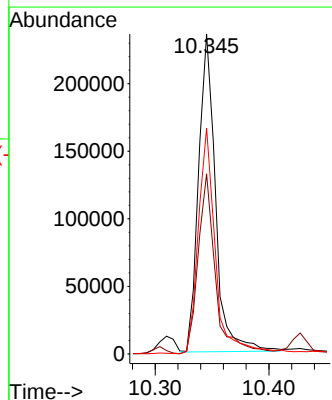
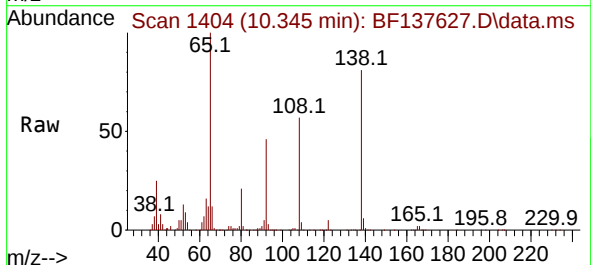
Instrument :
BNA_F
ClientSampleId :
PB159633BS

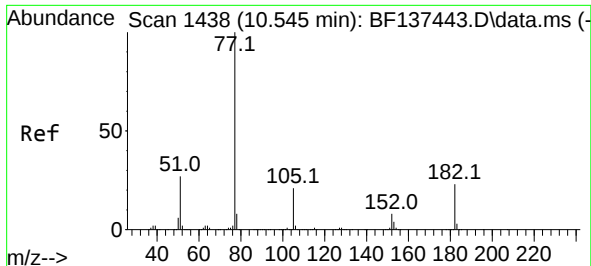
Tgt Ion:204 Resp: 552767
Ion Ratio Lower Upper
204 100
206 34.7 27.4 41.0
141 56.6 48.4 72.6



#62
4-Nitroaniline
Concen: 44.060 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:138 Resp: 244006
Ion Ratio Lower Upper
138 100
92 56.3 37.9 77.9
108 70.6 53.2 93.2



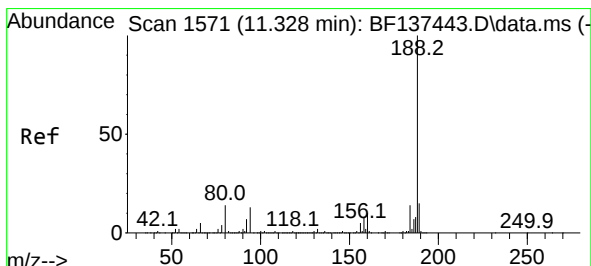
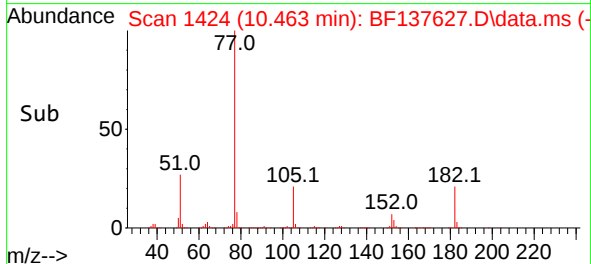
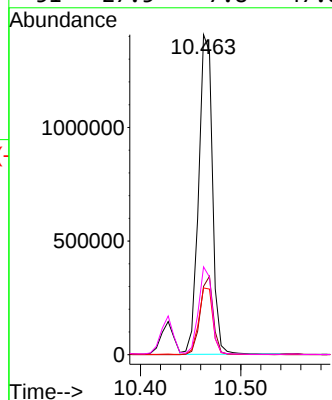
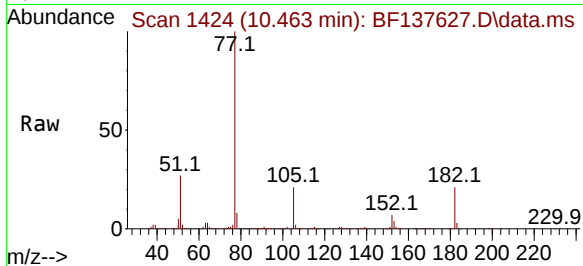


#63
Azobenzene
Concen: 42.419 ng
RT: 10.463 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Instrument :
BNA_F
ClientSampleId :
PB159633BS

Tgt Ion: 77 Resp: 1343394

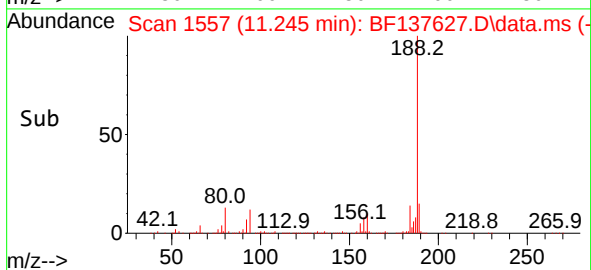
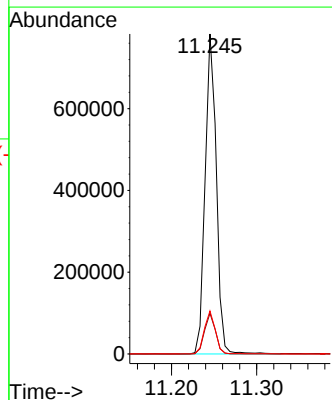
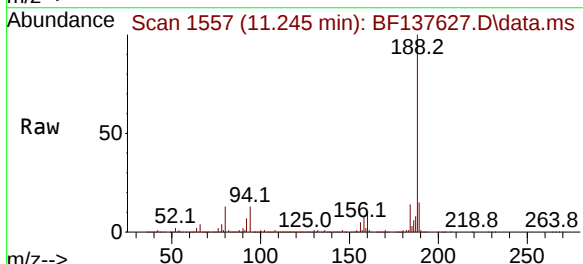
Ion	Ratio	Lower	Upper
77	100		
182	21.4	3.2	43.2
105	20.9	1.2	41.2
51	27.5	7.8	47.8

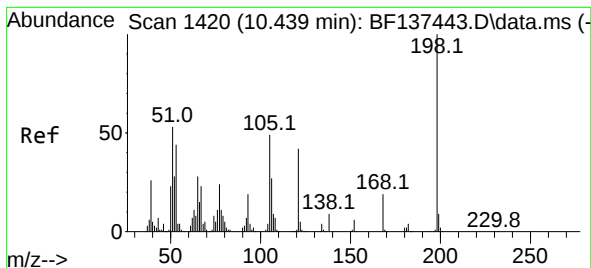


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion: 188 Resp: 714483

Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.6	15.8
80	13.5	11.5	17.3

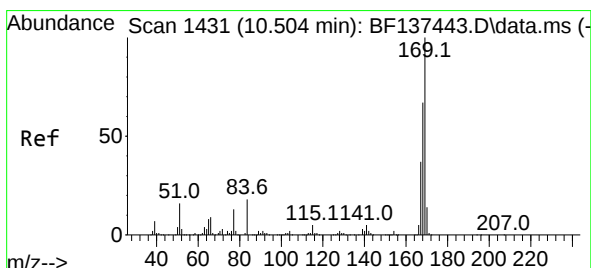
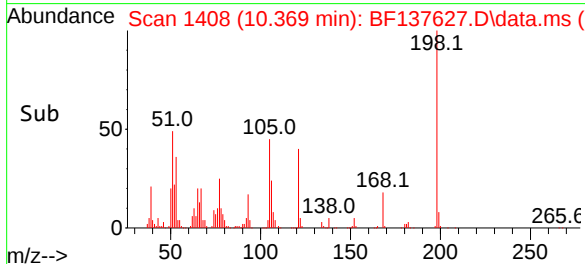
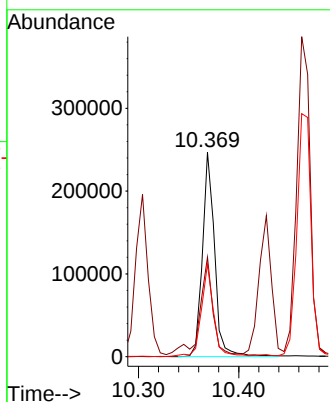
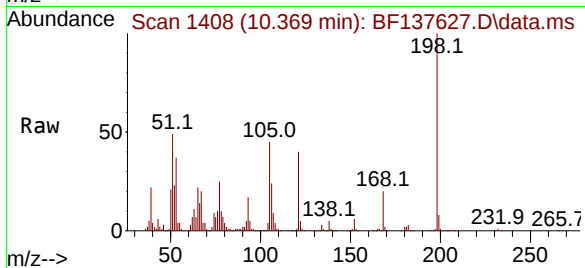




#65
4,6-Dinitro-2-methylphenol
Concen: 52.747 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

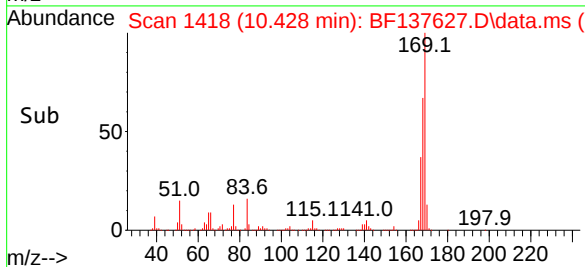
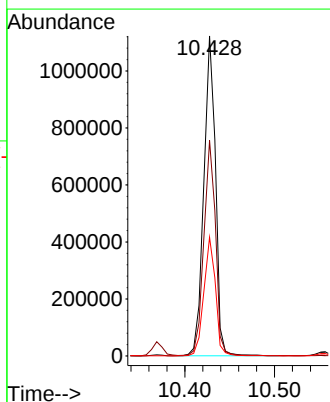
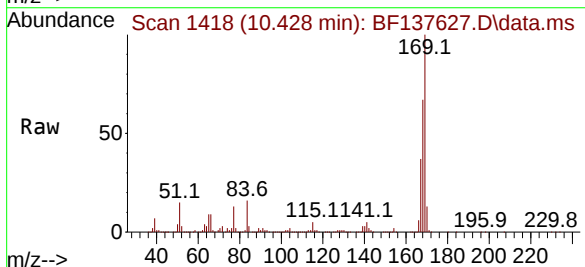
Instrument :
BNA_F
ClientSampleId :
PB159633BS

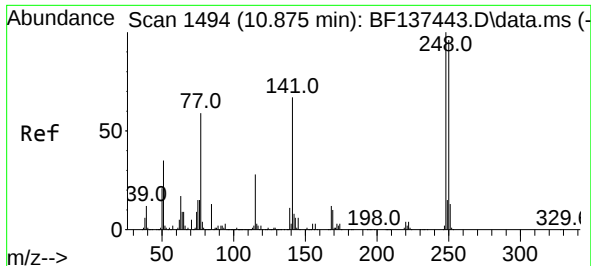
Tgt Ion:198 Resp: 210046
Ion Ratio Lower Upper
198 100
51 48.7 37.2 77.2
105 45.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 44.150 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:169 Resp: 1015771
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 37.1 29.6 44.4

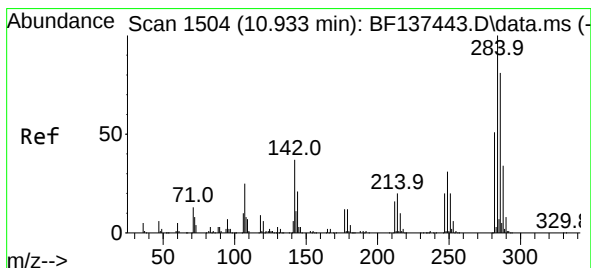
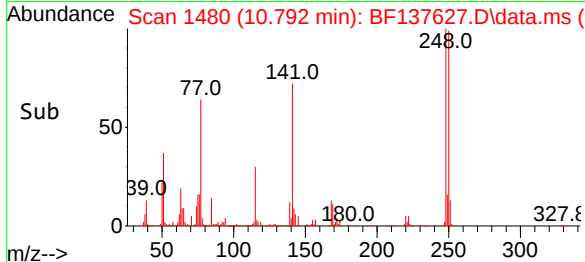
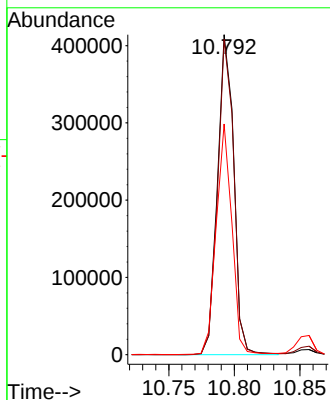
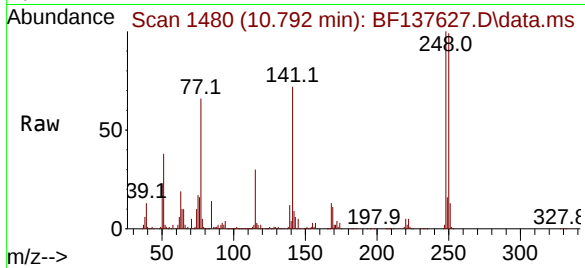




#67
4-Bromophenyl-phenylether
Concen: 45.966 ng
RT: 10.792 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

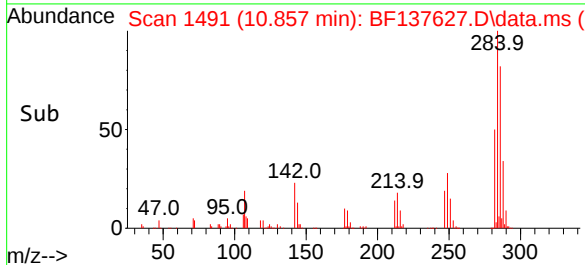
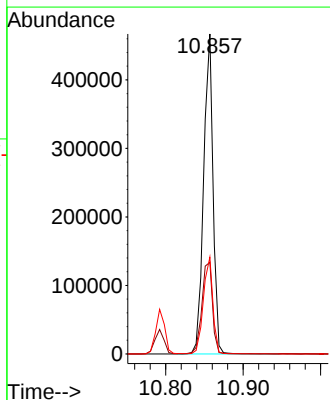
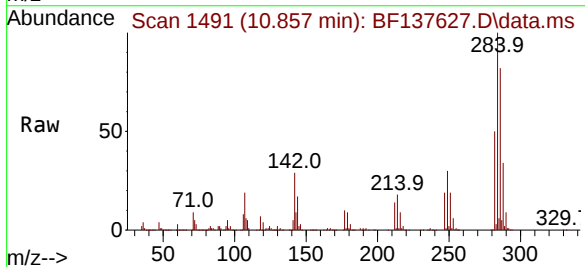
Instrument :
BNA_F
ClientSampleId :
PB159633BS

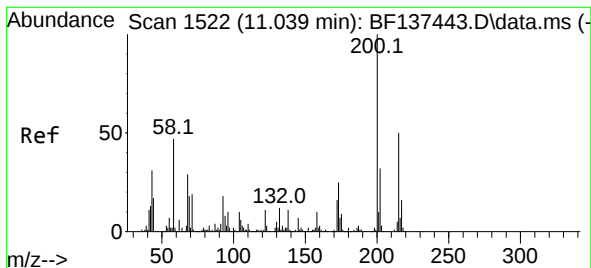
Tgt Ion:248 Resp: 357707
Ion Ratio Lower Upper
248 100
250 98.6 76.8 115.2
141 72.1 53.4 80.0



#68
Hexachlorobenzene
Concen: 50.034 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:284 Resp: 393264
Ion Ratio Lower Upper
284 100
142 28.7 29.4 44.0#
249 30.3 25.0 37.4





#69

Atrazine

Concen: 41.844 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

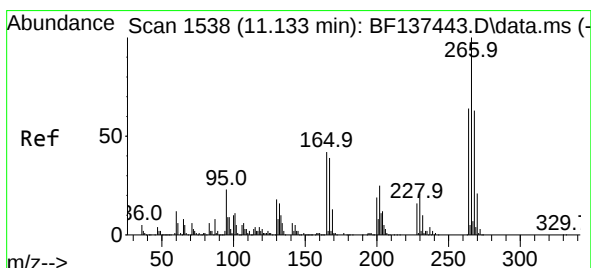
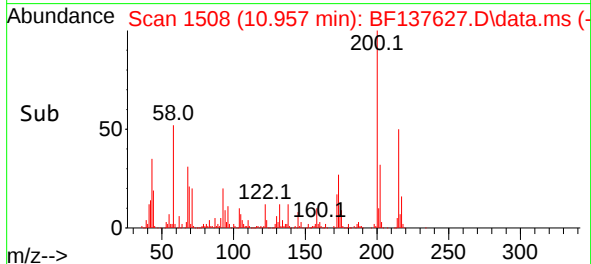
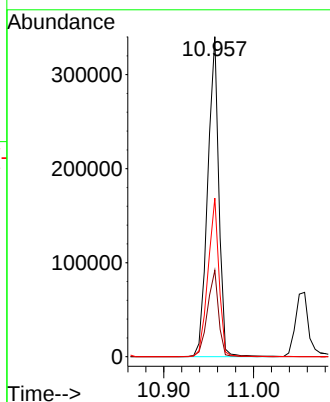
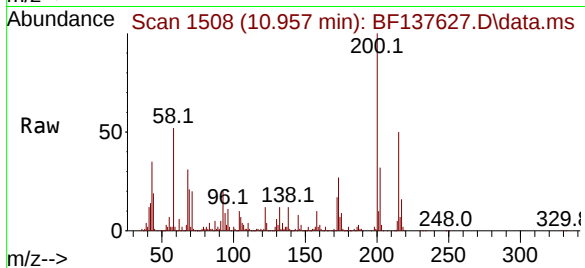
Tgt Ion:200 Resp: 292661

Ion Ratio Lower Upper

200 100

173 27.0 5.1 45.1

215 49.5 30.4 70.4



#70

Pentachlorophenol

Concen: 87.416 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.012 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

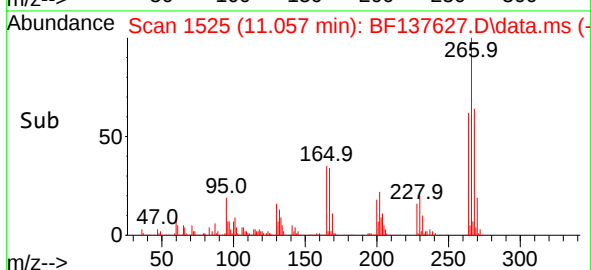
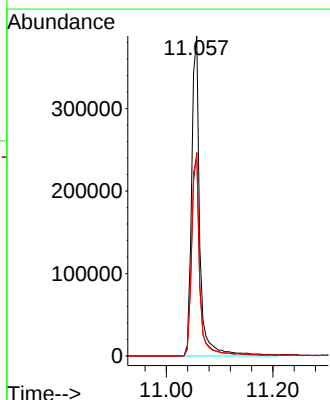
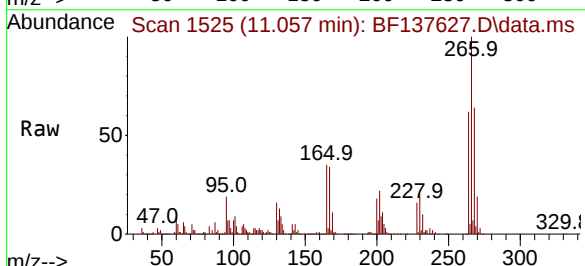
Tgt Ion:266 Resp: 415357

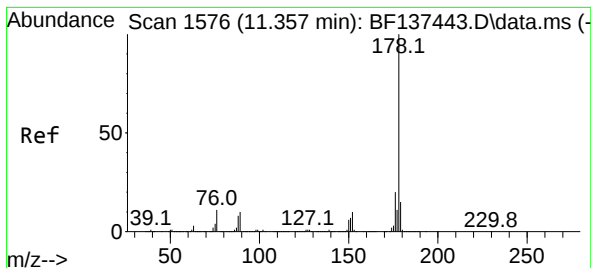
Ion Ratio Lower Upper

266 100

268 63.5 50.2 75.2

264 62.4 50.9 76.3





#71

Phenanthrene

Concen: 43.476 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

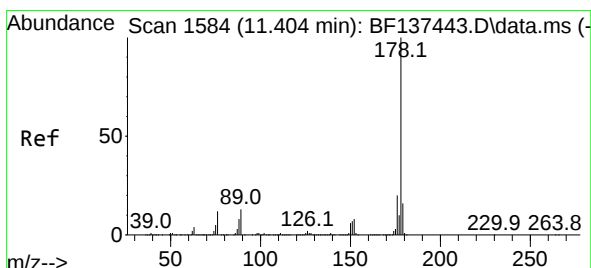
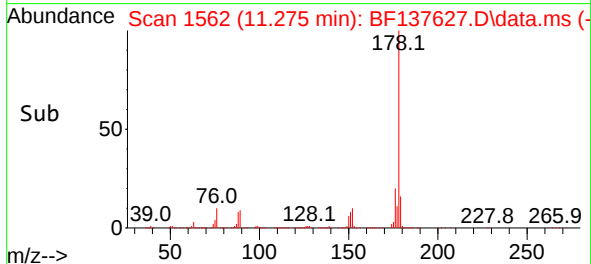
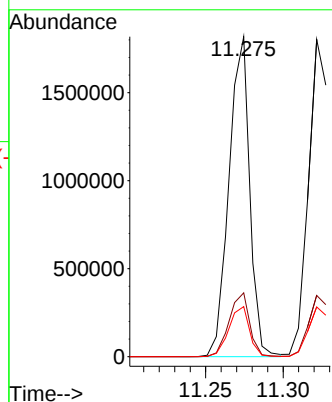
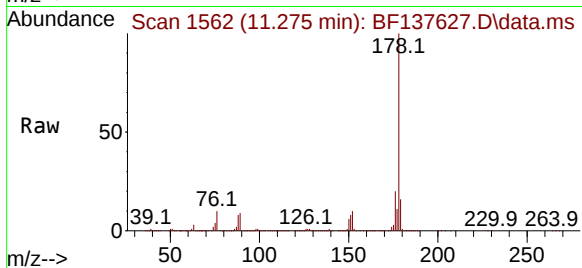
Tgt Ion:178 Resp: 1690514

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.6 12.2 18.2



#72

Anthracene

Concen: 42.526 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

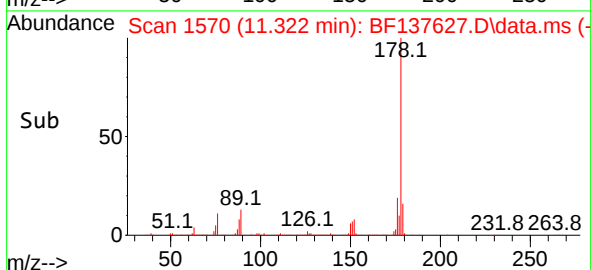
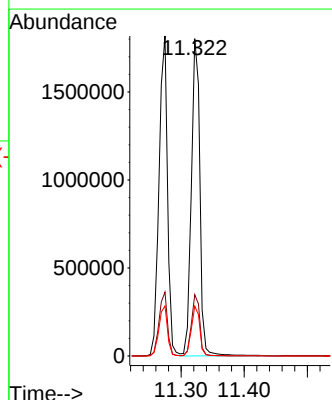
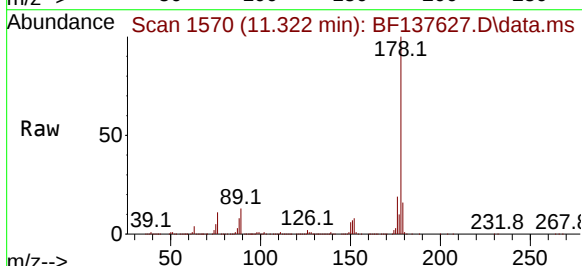
Tgt Ion:178 Resp: 1698302

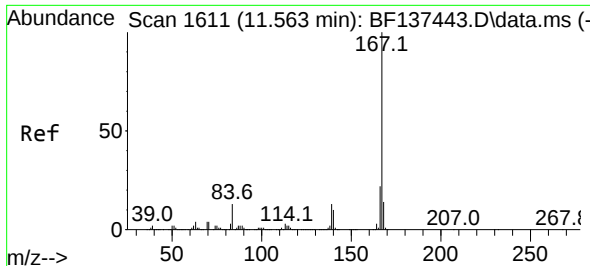
Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.7 12.7 19.1

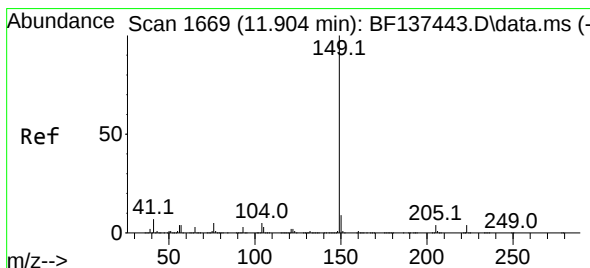
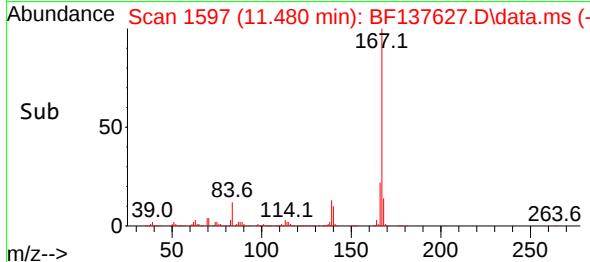
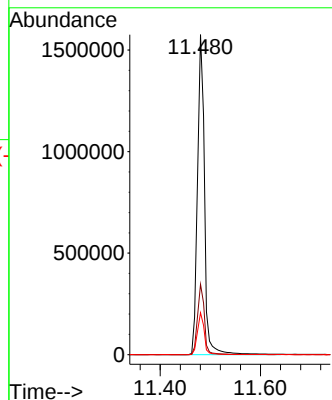
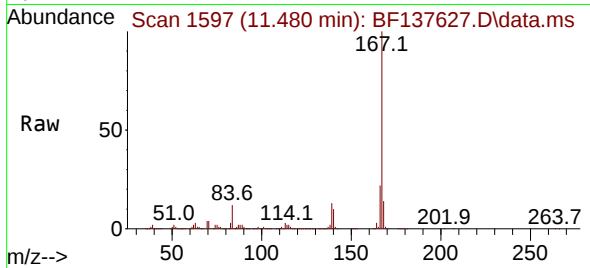




#73
 Carbazole
 Concen: 44.707 ng
 RT: 11.480 min Scan# 1654
 Delta R.T. 0.006 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

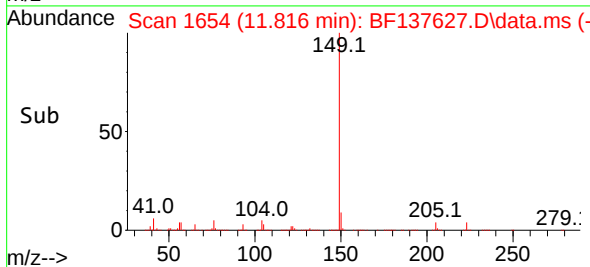
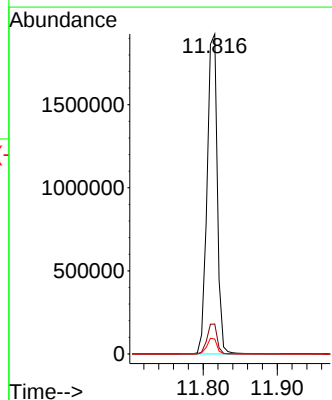
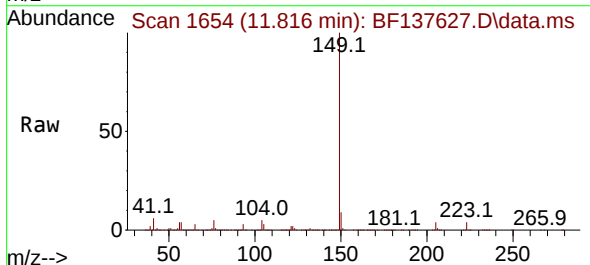
Instrument :
 BNA_F
 ClientSampleId :
 PB159633BS

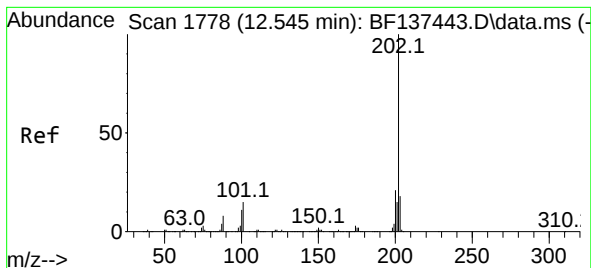
Tgt Ion:167 Resp: 1529314
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.359 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. 0.006 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

Tgt Ion:149 Resp: 1846073
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 44.490 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

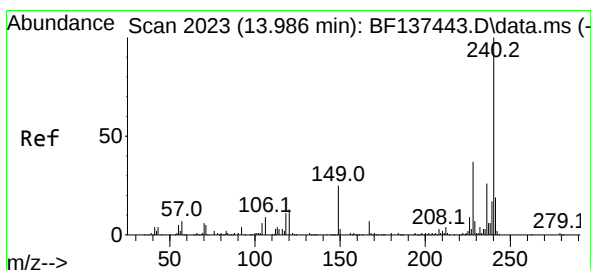
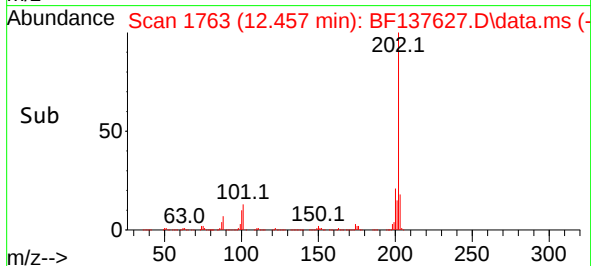
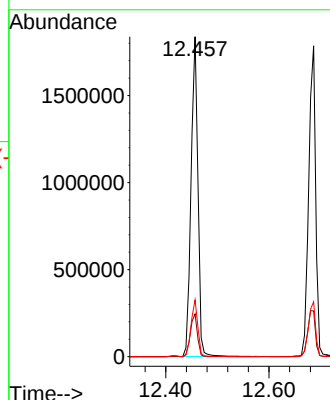
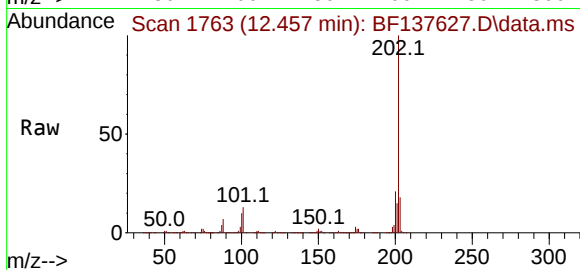
Tgt Ion:202 Resp: 1690977

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.0

203 17.7 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: BF137627.D

Acq: 18 Mar 2024 13:03

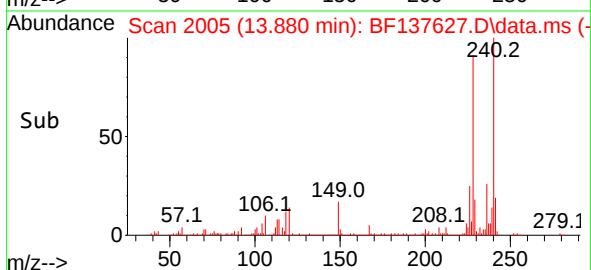
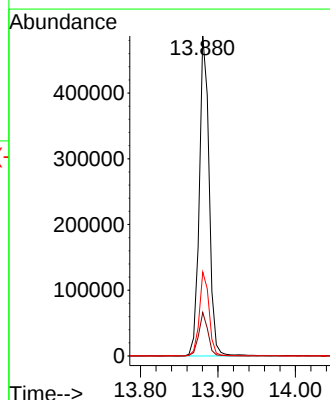
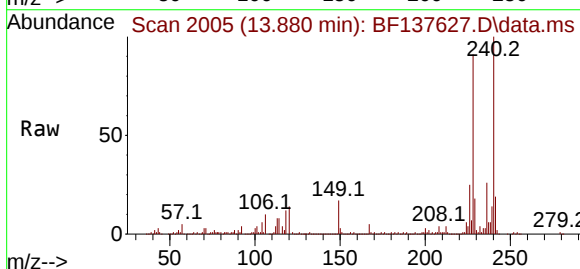
Tgt Ion:240 Resp: 428771

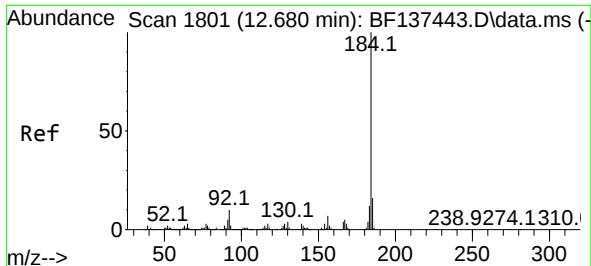
Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 26.3 20.9 31.3

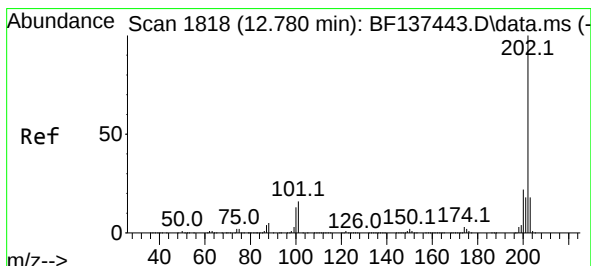
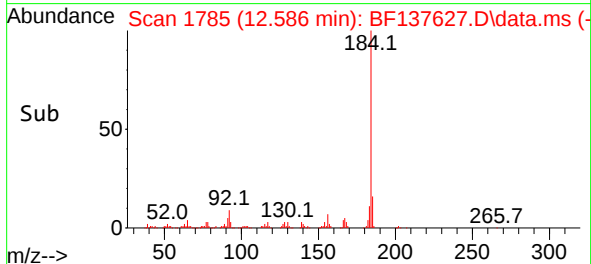
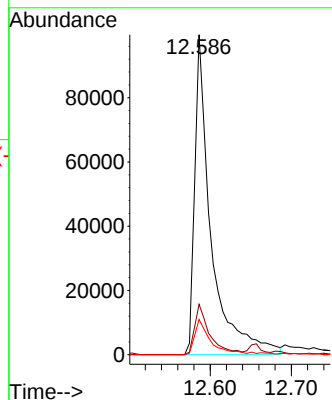
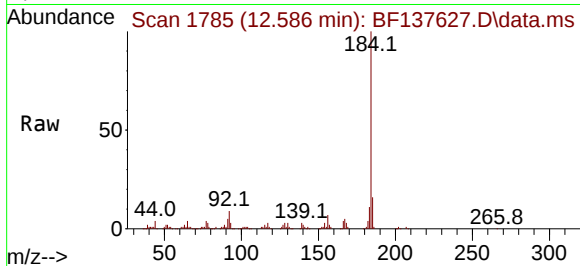




#77
Benzidine
Concen: 13.306 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

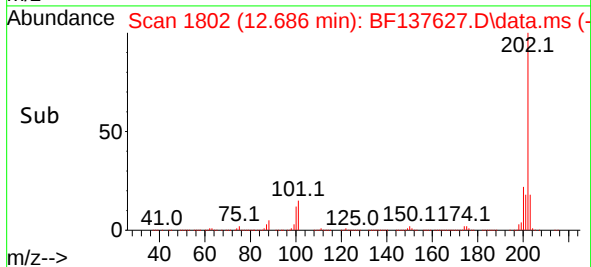
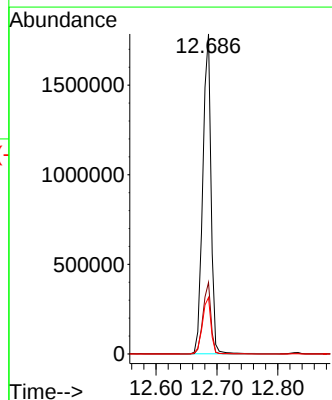
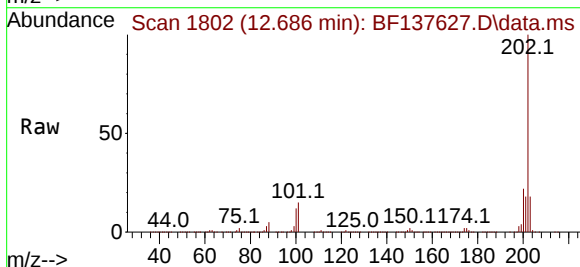
Instrument :
BNA_F
ClientSampleId :
PB159633BS

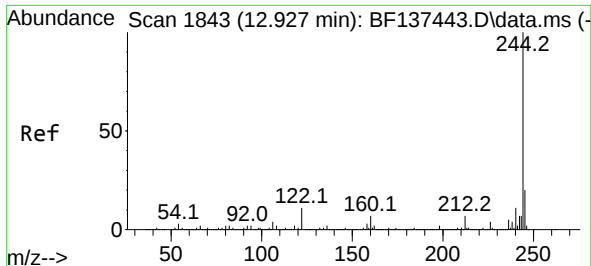
Tgt Ion:184 Resp: 139624
Ion Ratio Lower Upper
184 100
185 15.7 13.2 19.8
183 11.0 9.3 13.9



#78
Pyrene
Concen: 39.914 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:202 Resp: 1679270
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 17.6 14.1 21.1

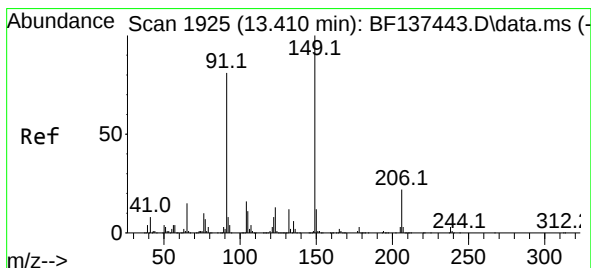
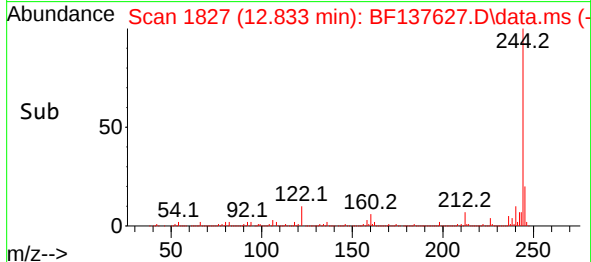
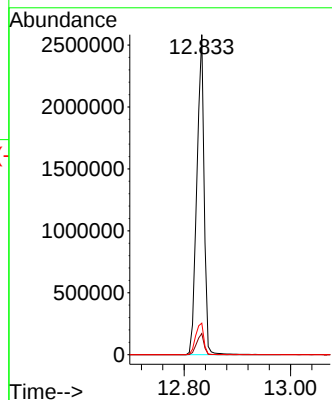
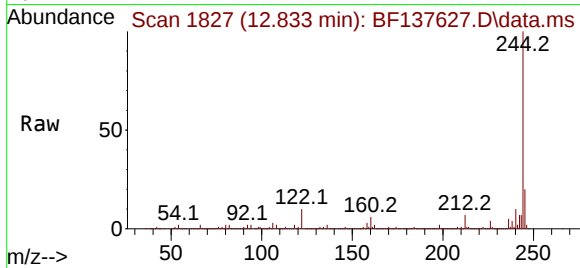




#79
 Terphenyl-d14
 Concen: 78.431 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

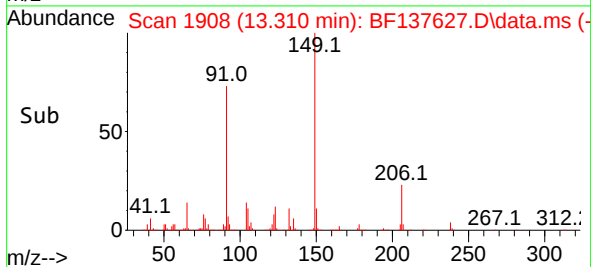
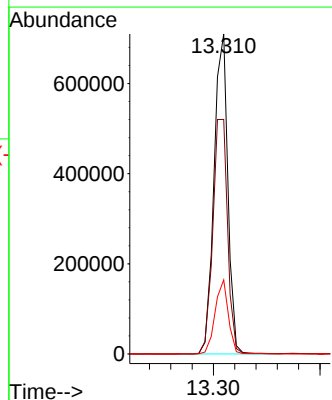
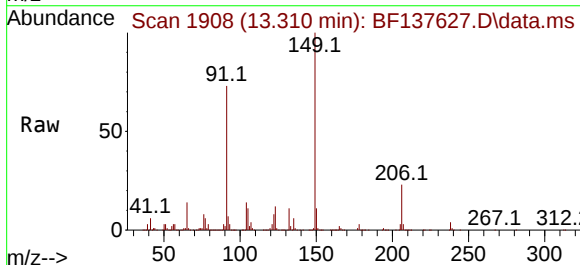
Instrument :
 BNA_F
 ClientSampleId :
 PB159633BS

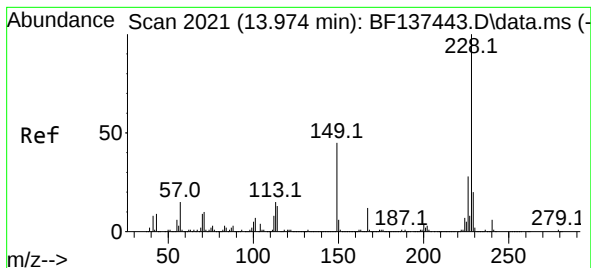
Tgt Ion:244 Resp: 2445552
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.9 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 59.424 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

Tgt Ion:149 Resp: 638488
 Ion Ratio Lower Upper
 149 100
 91 73.3 64.7 97.1
 206 23.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.619 ng

RT: 13.874 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

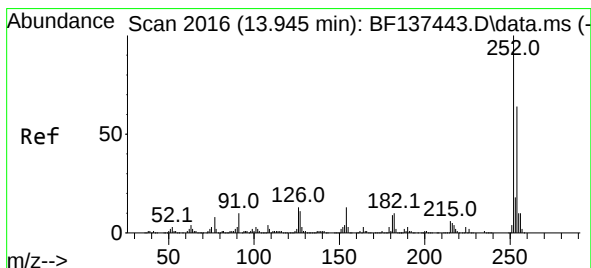
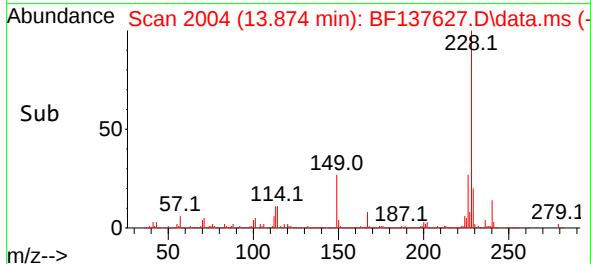
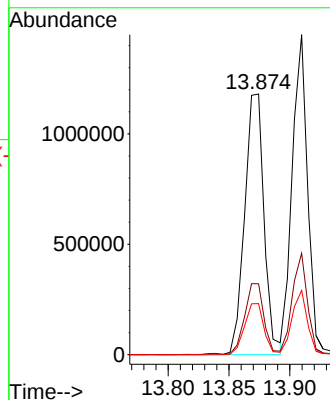
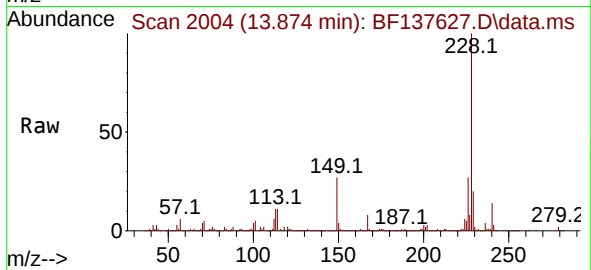
Tgt Ion:228 Resp: 1310840

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

229 19.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.354 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

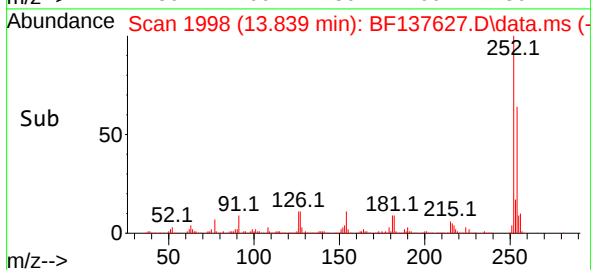
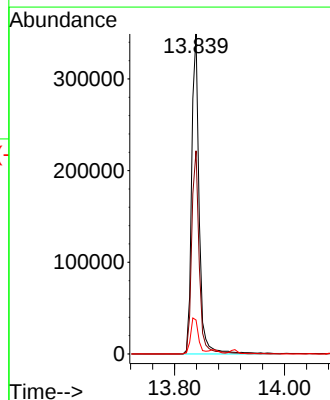
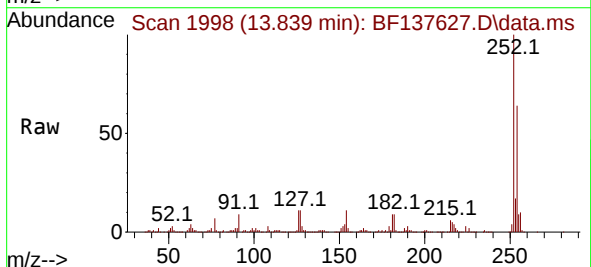
Tgt Ion:252 Resp: 330951

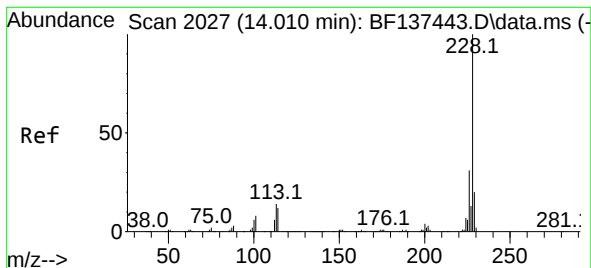
Ion Ratio Lower Upper

252 100

254 63.5 51.4 77.2

126 10.6 10.4 15.6





#83

Chrysene

Concen: 42.752 ng

RT: 13.910 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

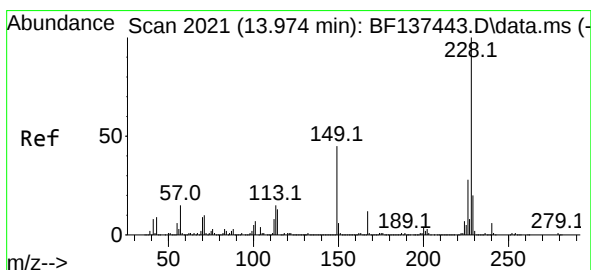
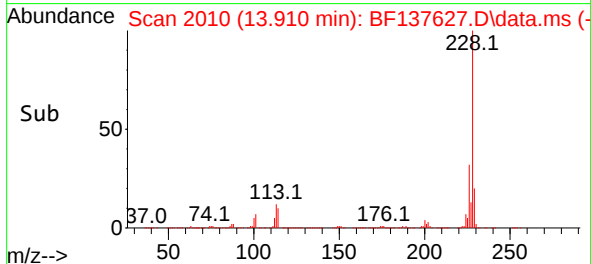
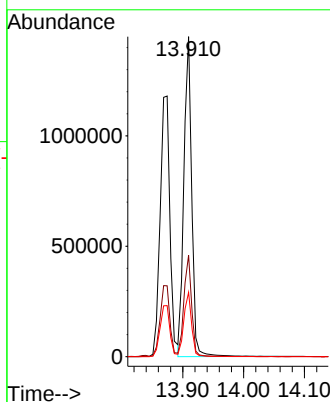
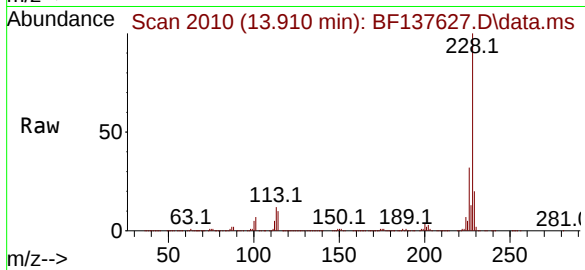
Tgt Ion:228 Resp: 1298540

Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.896 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

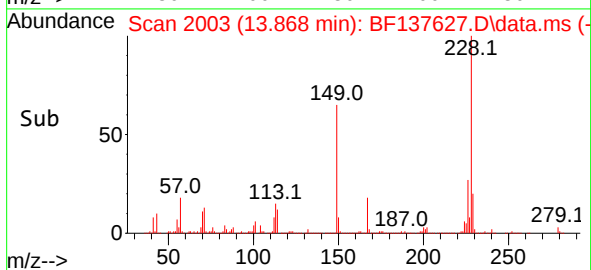
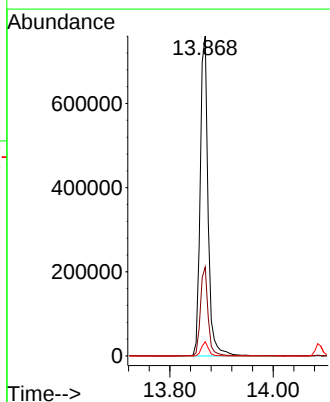
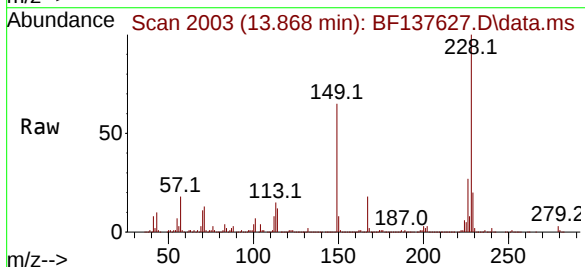
Tgt Ion:149 Resp: 804325

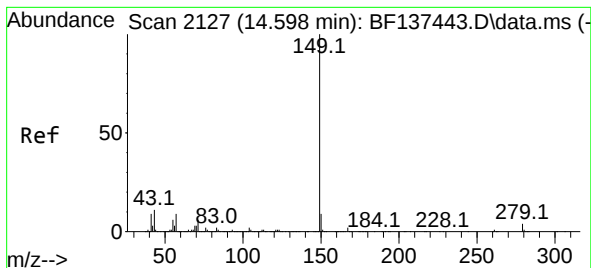
Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

279 4.4 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 51.319 ng

RT: 14.474 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

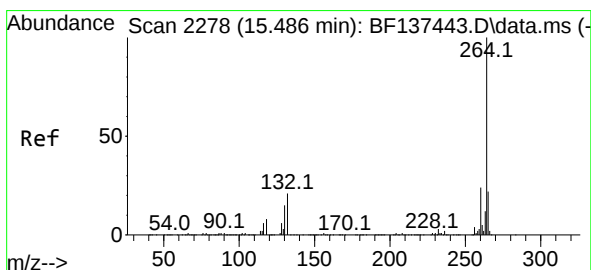
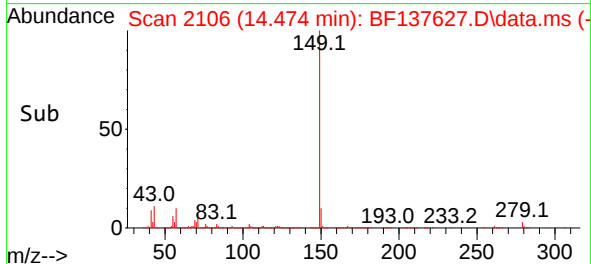
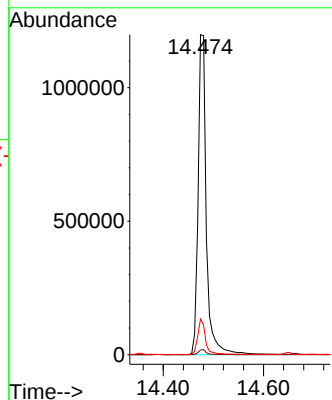
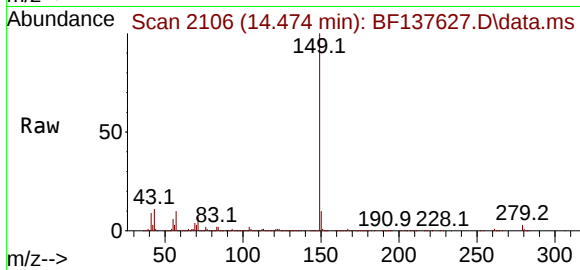
Tgt Ion:149 Resp: 1362296

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 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: BF137627.D

Acq: 18 Mar 2024 13:03

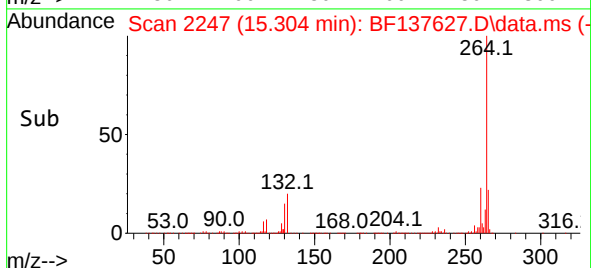
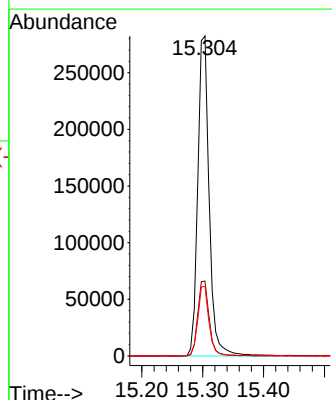
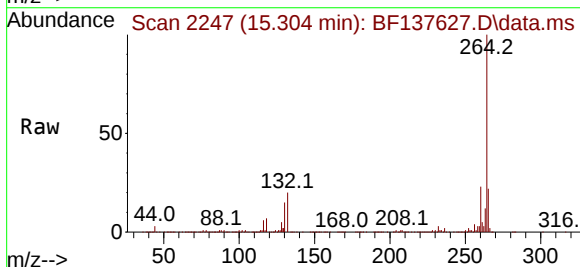
Tgt Ion:264 Resp: 367527

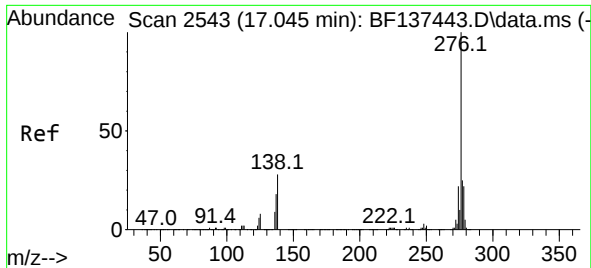
Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.7 17.4 26.0

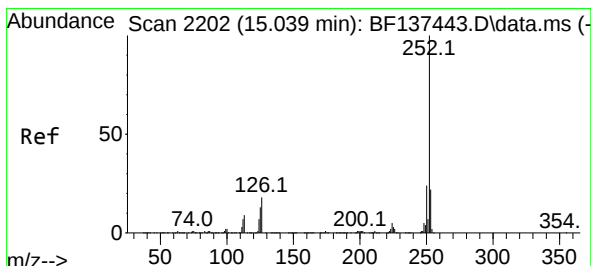
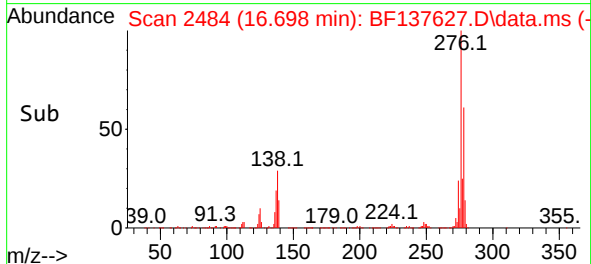
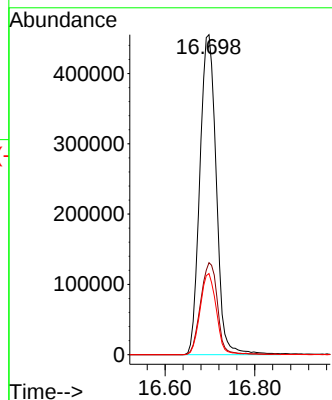
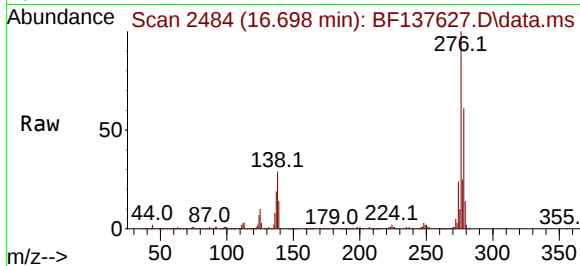




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.785 ng
 RT: 16.698 min Scan# 2178
 Delta R.T. 0.012 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

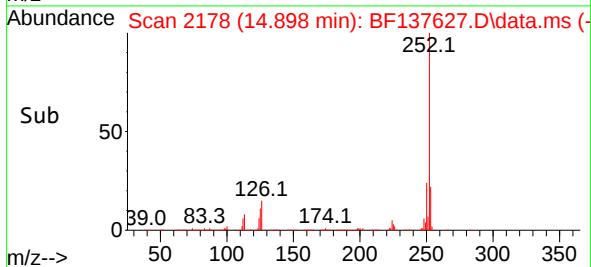
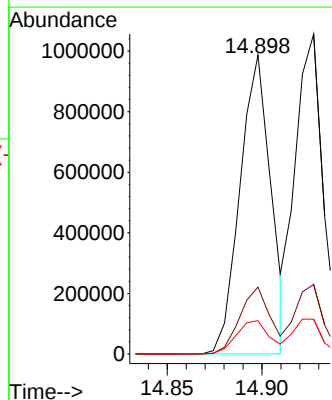
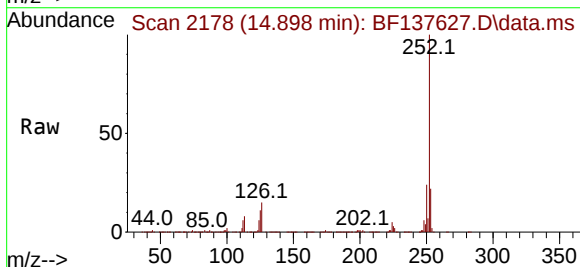
Instrument :
 BNA_F
 ClientSampleId :
 PB159633BS

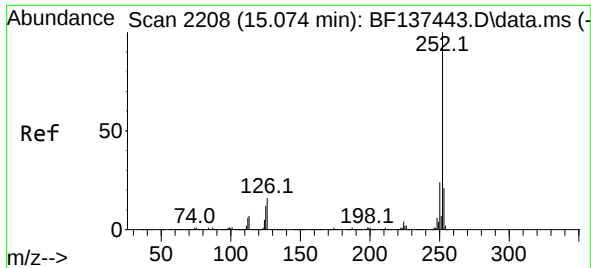
Tgt Ion:276 Resp: 1155728
 Ion Ratio Lower Upper
 276 100
 138 29.5 25.8 38.8
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 51.434 ng
 RT: 14.898 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BF137627.D
 Acq: 18 Mar 2024 13:03

Tgt Ion:252 Resp: 1118203
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 11.1 10.1 15.1

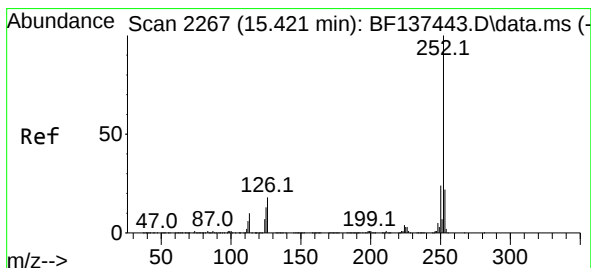
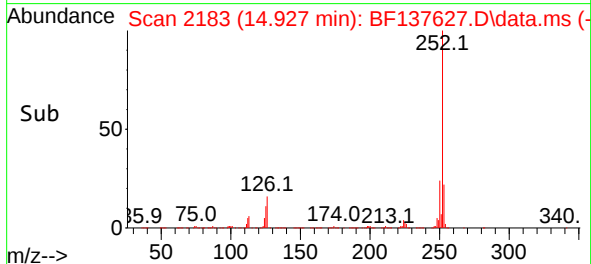
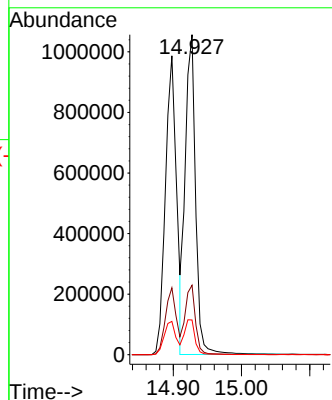
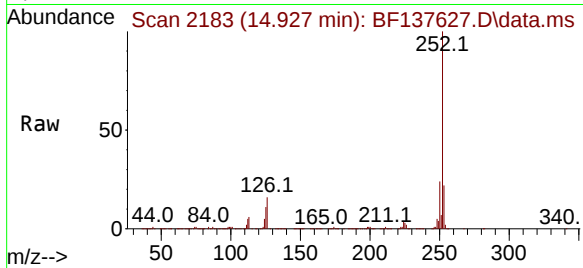




#89
Benzo(k)fluoranthene
Concen: 47.331 ng
RT: 14.927 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

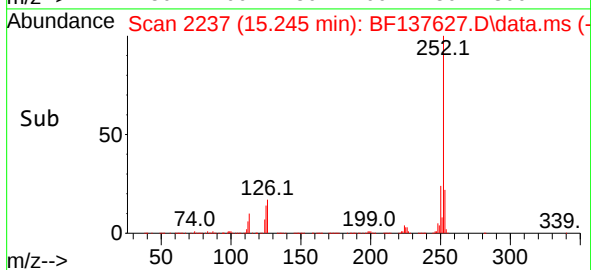
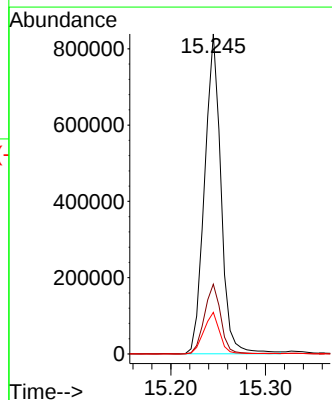
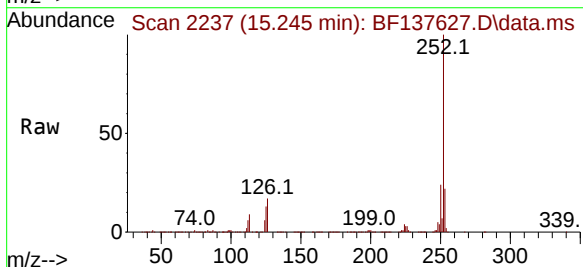
Instrument :
BNA_F
ClientSampleId :
PB159633BS

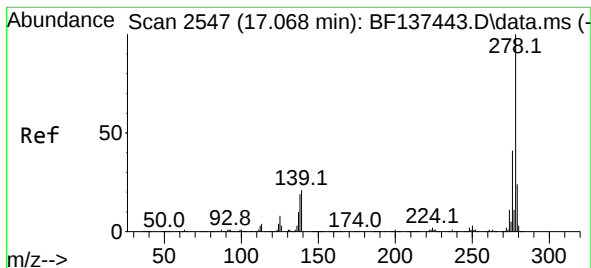
Tgt Ion:252 Resp: 1105241
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.8 9.6 14.4



#90
Benzo(a)pyrene
Concen: 46.897 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF137627.D
Acq: 18 Mar 2024 13:03

Tgt Ion:252 Resp: 1004744
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 13.0 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 47.864 ng

RT: 16.709 min Scan# 24

Delta R.T. 0.012 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Instrument :

BNA_F

ClientSampleId :

PB159633BS

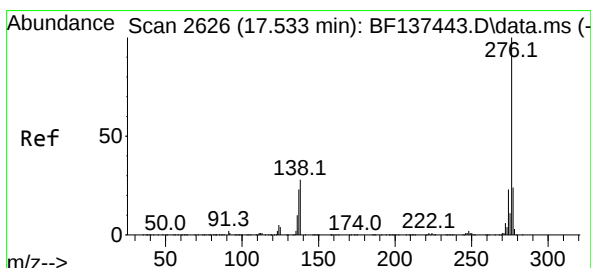
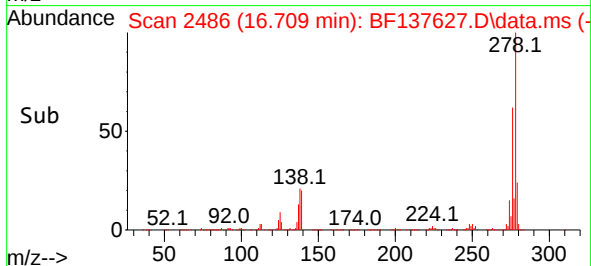
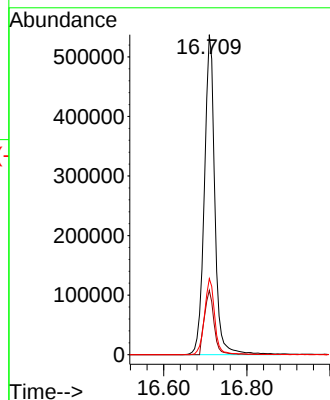
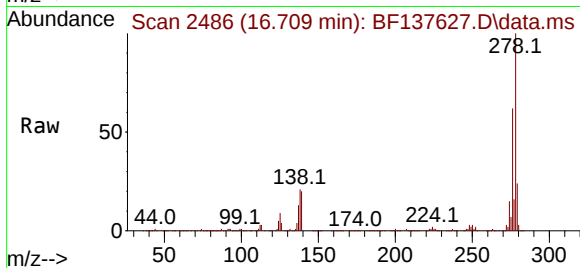
Tgt Ion:278 Resp: 939082

Ion Ratio Lower Upper

278 100

139 20.1 17.0 25.6

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.818 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.012 min

Lab File: BF137627.D

Acq: 18 Mar 2024 13:03

Tgt Ion:276 Resp: 943350

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 25.4 22.2 33.2

