

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127542.D
 Acq On : 28 Mar 2022 15:15
 Operator : CG\JU
 Sample : PB143603BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143603BSD

Quant Time: Mar 29 07:15:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	106329	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	402237	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	229739	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	394952	20.000	ng	0.00
76) Chrysene-d12	14.015	240	249701	20.000	ng	0.00
86) Perylene-d12	15.492	264	197717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	781148	117.267	ng	0.02
7) Phenol-d6	6.481	99	1046811	114.965	ng	0.00
23) Nitrobenzene-d5	7.410	82	729947	77.572	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	266186	108.767	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1204282	76.545	ng	0.00
79) Terphenyl-d14	12.951	244	1236955	81.094	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	116112	39.687	ng	96
3) Pyridine	3.475	79	245975	29.788	ng	99
4) n-Nitrosodimethylamine	3.428	42	207431	45.752	ng	96
6) Aniline	6.504	93	387739	35.684	ng	# 88
8) 2-Chlorophenol	6.628	128	310248	45.576	ng	98
9) Benzaldehyde	6.392	77	192868	41.618	ng	98
10) Phenol	6.498	94	429116	43.274	ng	# 74
11) bis(2-Chloroethyl)ether	6.575	93	337792	46.554	ng	98
12) 1,3-Dichlorobenzene	6.775	146	325744	42.546	ng	97
13) 1,4-Dichlorobenzene	6.851	146	329717	42.812	ng	98
14) 1,2-Dichlorobenzene	7.004	146	310817	41.437	ng	98
15) Benzyl Alcohol	6.987	79	316556	47.837	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	595058	45.575	ng	65
17) 2-Methylphenol	7.098	107	254626	44.322	ng	94
18) Hexachloroethane	7.339	117	128090	45.430	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	243541	44.621	ng	96
20) 3+4-Methylphenols	7.251	107	306632	43.274	ng	95
22) Acetophenone	7.251	105	432796	42.092	ng	98
24) Nitrobenzene	7.428	77	381709	42.535	ng	100
25) Isophorone	7.663	82	681605	45.479	ng	99
26) 2-Nitrophenol	7.739	139	164355	43.668	ng	99
27) 2,4-Dimethylphenol	7.775	122	274603	48.503	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	416719	42.802	ng	100
29) 2,4-Dichlorophenol	7.986	162	270236	42.046	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	302470	40.386	ng	98
31) Naphthalene	8.139	128	891117	41.728	ng	99
32) Benzoic acid	7.945	122	151115	46.638	ng	88
33) 4-Chloroaniline	8.198	127	179656	21.710	ng	97
34) Hexachlorobutadiene	8.245	225	192896	40.559	ng	98
35) Caprolactam	8.586	113	48144	24.298	ng	96
36) 4-Chloro-3-methylphenol	8.686	107	300787	43.134	ng	97
37) 2-Methylnaphthalene	8.833	142	603224	43.929	ng	99
38) 1-Methylnaphthalene	8.928	142	552459	40.687	ng	97
40) 1,2,4,5-Tetrachloroben...	8.998	216	311693	42.670	ng	99
41) Hexachlorocyclopentadiene	8.975	237	211245	82.449	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	185290	41.964	ng	100

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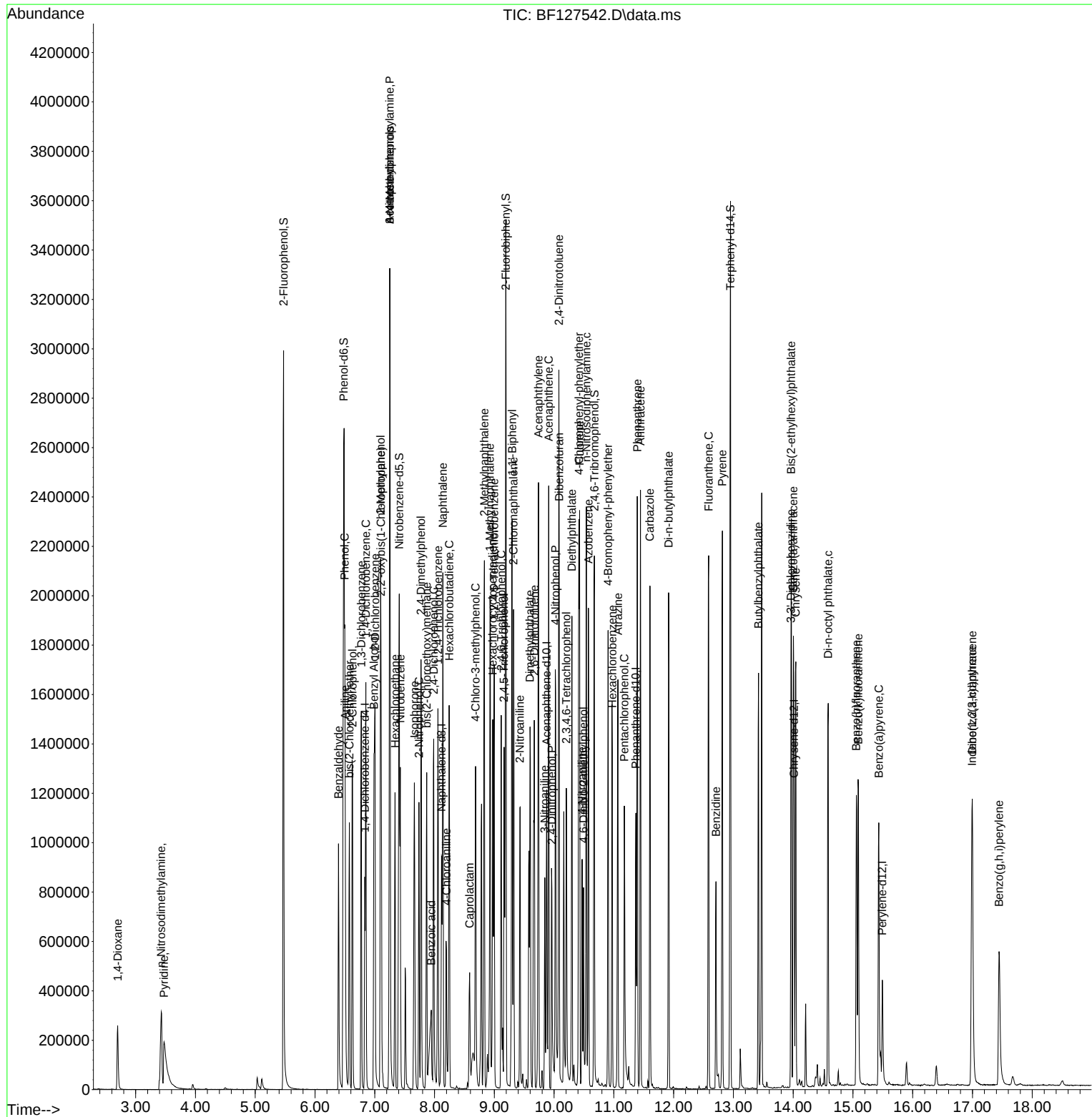
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	192456	42.342	ng	99
46) 1,1'-Biphenyl	9.298	154	732541	42.218	ng	97
47) 2-Chloronaphthalene	9.322	162	558084	40.844	ng	98
48) 2-Nitroaniline	9.428	65	220087	42.028	ng	97
49) Acenaphthylene	9.739	152	834577	40.403	ng	99
50) Dimethylphthalate	9.598	163	682443	42.699	ng	99
51) 2,6-Dinitrotoluene	9.669	165	145611	43.402	ng	94
52) Acenaphthene	9.910	154	496686	41.211	ng	97
53) 3-Nitroaniline	9.845	138	99507	27.039	ng	98
54) 2,4-Dinitrophenol	9.963	184	124056	73.998	ng	97
55) Dibenzofuran	10.086	168	728236	41.628	ng	98
56) 4-Nitrophenol	10.022	139	144188	76.979	ng	96
57) 2,4-Dinitrotoluene	10.080	165	176613	40.898	ng	90
58) Fluorene	10.427	166	593887	42.396	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	160047	39.827	ng	99
60) Diethylphthalate	10.298	149	617841	42.324	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	315284	38.168	ng	96
62) 4-Nitroaniline	10.469	138	135964	39.442	ng	97
63) Azobenzene	10.575	77	700658	40.677	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	97834	40.257	ng	98
66) n-Nitrosodiphenylamine	10.539	169	518250	43.106	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	194906	42.269	ng	93
68) Hexachlorobenzene	10.974	284	215715	42.857	ng	96
69) Atrazine	11.069	200	193699	48.395	ng	98
70) Pentachlorophenol	11.174	266	158243	81.308	ng	97
71) Phenanthrene	11.392	178	855735	41.560	ng	100
72) Anthracene	11.445	178	871062	42.630	ng	99
73) Carbazole	11.604	167	768949	39.351	ng	100
74) Di-n-butylphthalate	11.916	149	933766	46.165	ng	99
75) Fluoranthene	12.586	202	928528	40.999	ng	99
77) Benzidine	12.710	184	330144	55.450	ng	98
78) Pyrene	12.816	202	910417	42.483	ng	99
80) Butylbenzylphthalate	13.421	149	348692	49.438	ng	94
81) Benzo(a)anthracene	14.004	228	683770	40.948	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	151245	30.818	ng	97
83) Chrysene	14.045	228	662857	41.919	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	439204	53.870	ng	99
85) Di-n-octyl phthalate	14.586	149	670819	61.830	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	560112	41.866	ng	99
88) Benzo(b)fluoranthene	15.057	252	564322	45.267	ng	100
89) Benzo(k)fluoranthene	15.092	252	555586	42.990	ng	99
90) Benzo(a)pyrene	15.433	252	539120	52.694	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	485170	43.924	ng	96
92) Benzo(g,h,i)perylene	17.445	276	484459	42.433	ng	98

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

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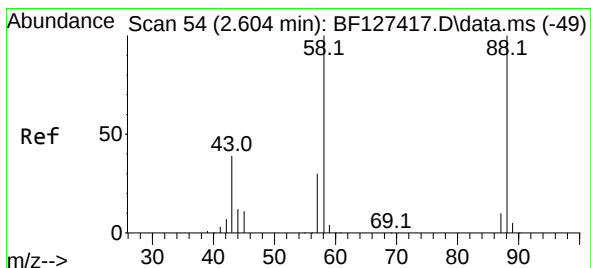
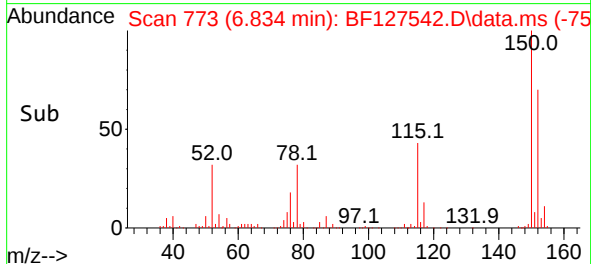
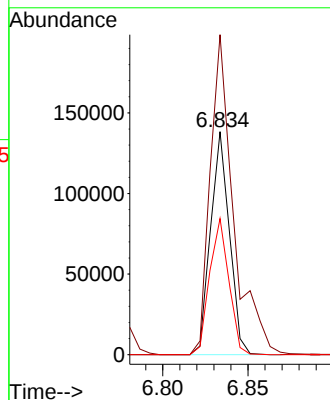
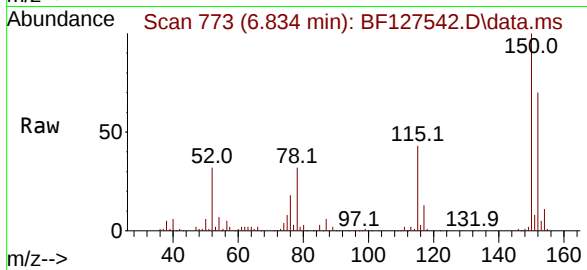




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127542.D
 Acq: 28 Mar 2022 15:15

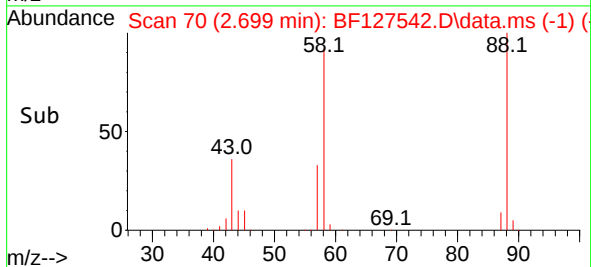
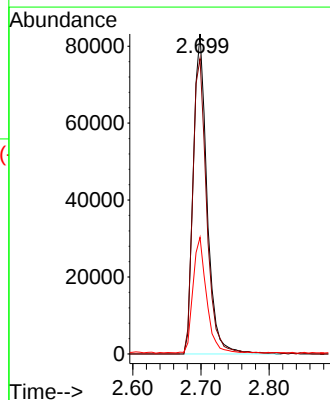
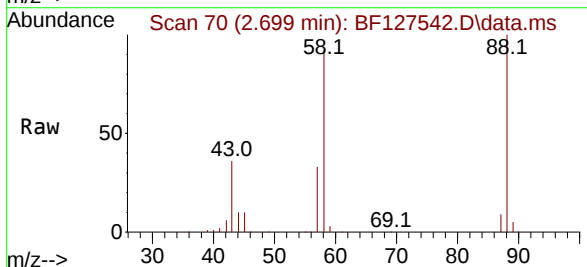
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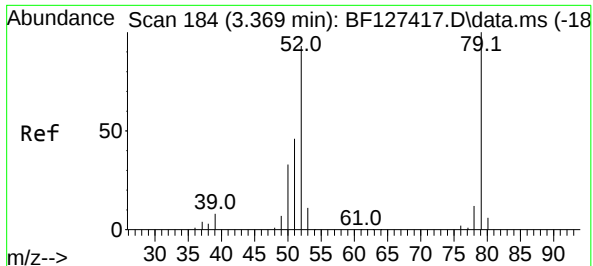
Tgt Ion:152 Resp: 106329
 Ion Ratio Lower Upper
 152 100
 150 143.5 117.2 175.8
 115 61.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 39.687 ng
 RT: 2.699 min Scan# 70
 Delta R.T. 0.112 min
 Lab File: BF127542.D
 Acq: 28 Mar 2022 15:15

Tgt Ion: 88 Resp: 116112
 Ion Ratio Lower Upper
 88 100
 58 93.4 77.0 115.4
 43 35.7 31.3 46.9

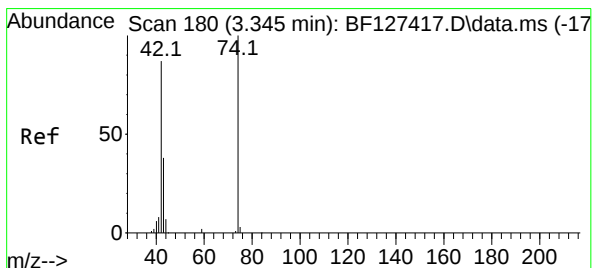
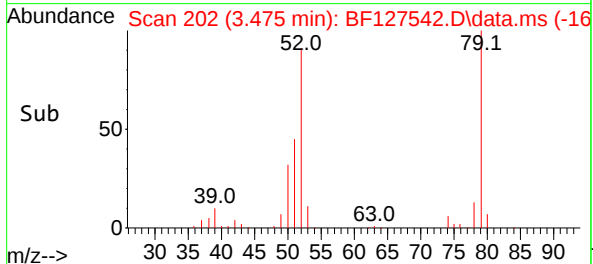
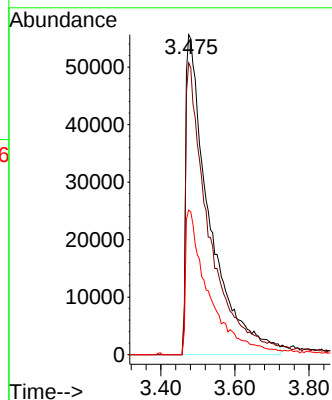
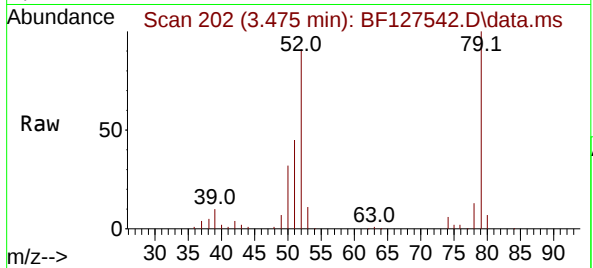




#3
Pyridine
Concen: 29.788 ng
RT: 3.475 min Scan# 20
Delta R.T. 0.130 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

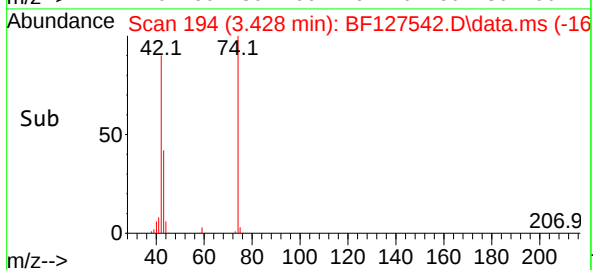
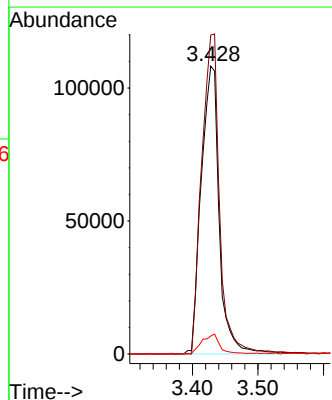
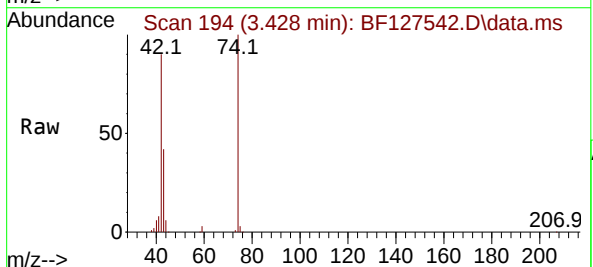
Instrument :
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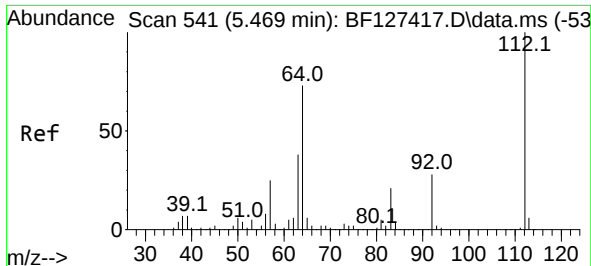
Tgt Ion: 79 Resp: 245975
Ion Ratio Lower Upper
79 100
52 91.2 74.2 111.4
51 45.2 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 45.752 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.100 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 42 Resp: 207431
Ion Ratio Lower Upper
42 100
74 110.8 92.4 138.6
44 6.3 6.0 9.0

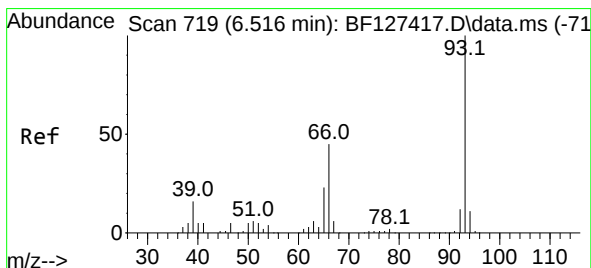
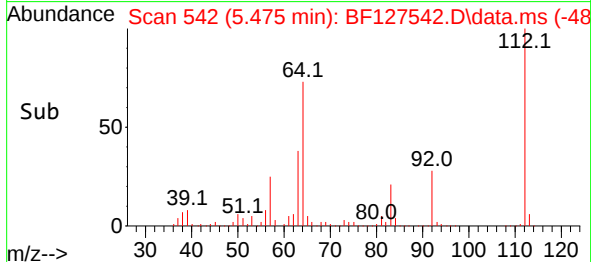
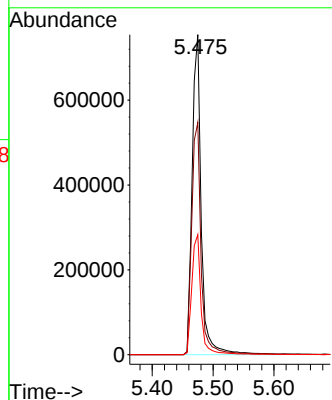
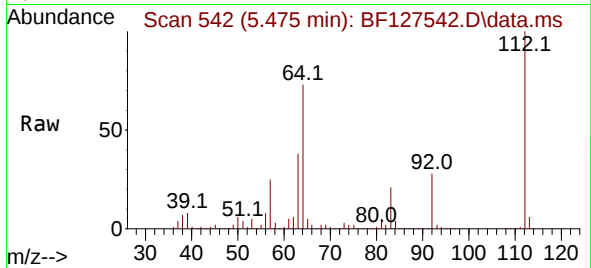




#5
2-Fluorophenol
Concen: 117.267 ng
RT: 5.475 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

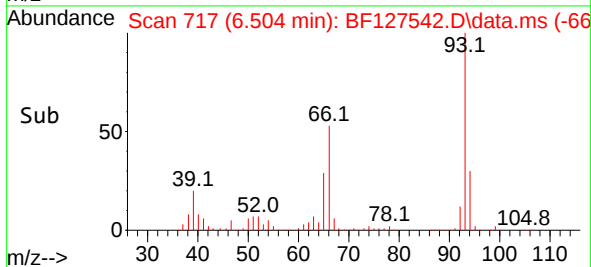
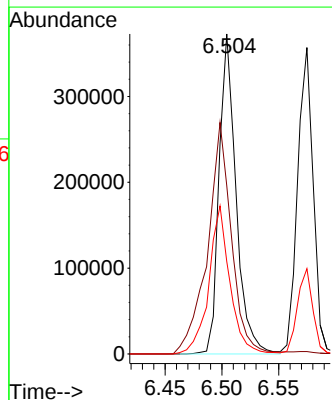
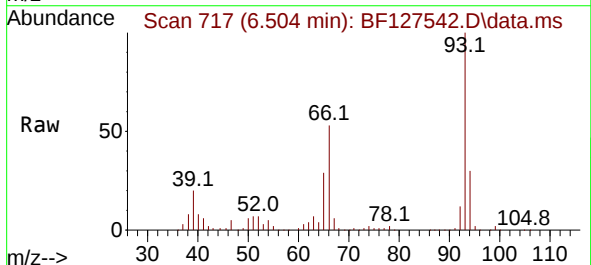
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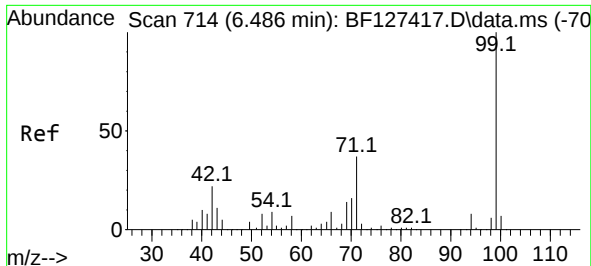
Tgt Ion:112 Resp: 781148
Ion Ratio Lower Upper
112 100
64 72.5 58.4 87.6
63 37.5 30.1 45.1



#6
Aniline
Concen: 35.684 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 93 Resp: 387739
Ion Ratio Lower Upper
93 100
66 52.6 36.2 54.4
65 28.9 18.4 27.6#

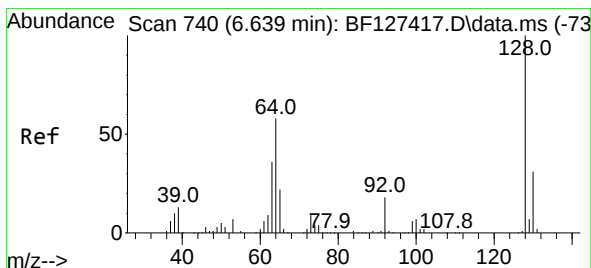
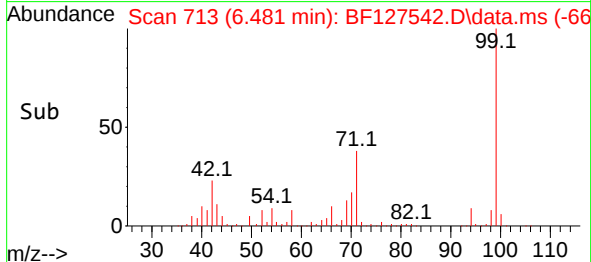
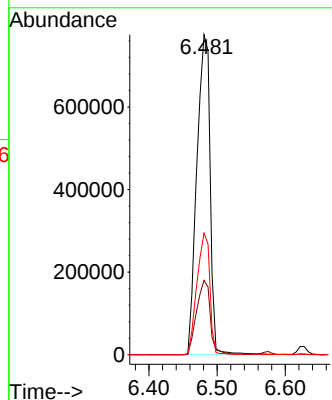
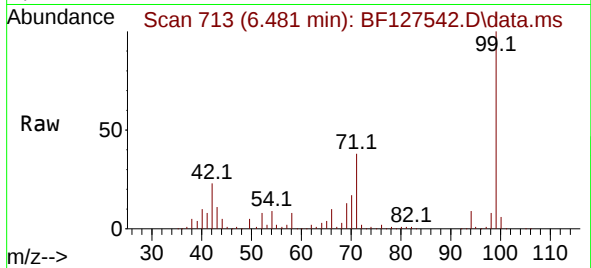




#7
Phenol-d6
Concen: 114.965 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

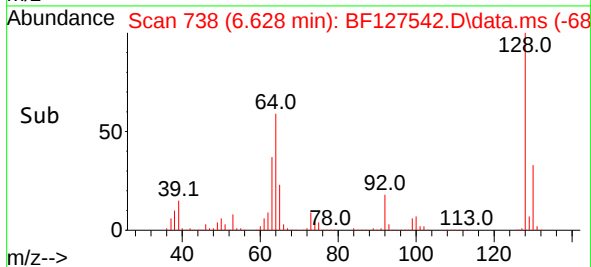
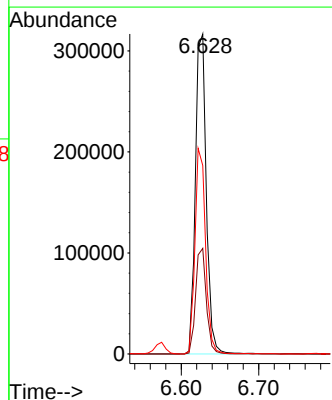
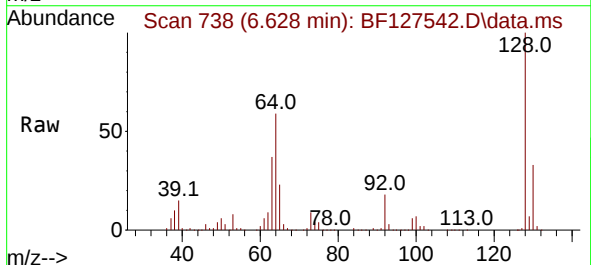
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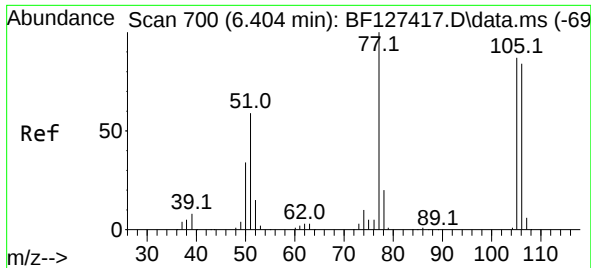
Tgt Ion: 99 Resp: 1046811
Ion Ratio Lower Upper
99 100
42 23.2 17.8 26.6
71 37.9 29.6 44.4



#8
2-Chlorophenol
Concen: 45.576 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 128 Resp: 310248
Ion Ratio Lower Upper
128 100
130 33.0 11.3 51.3
64 58.9 38.4 78.4

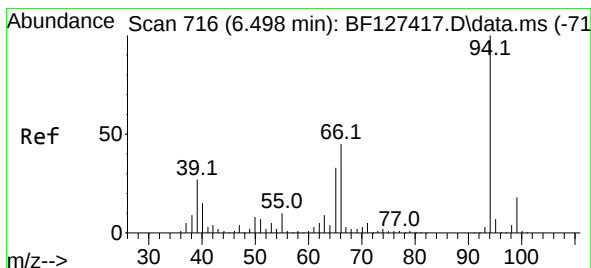
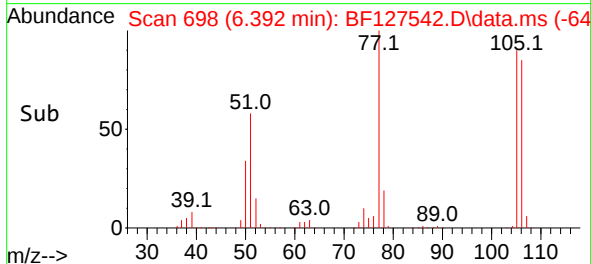
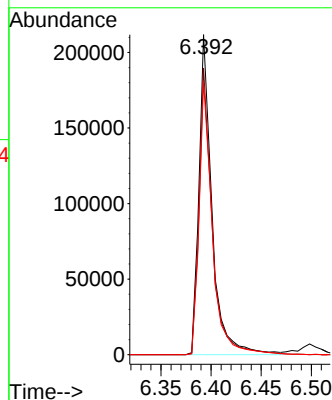
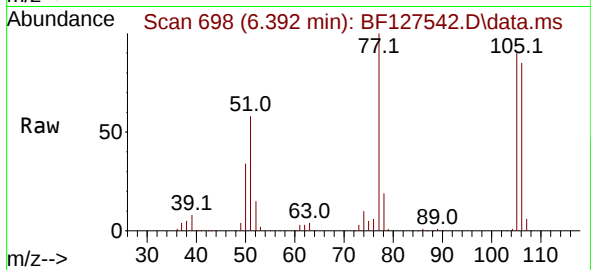




#9
Benzaldehyde
Concen: 41.618 ng
RT: 6.392 min Scan# 698
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

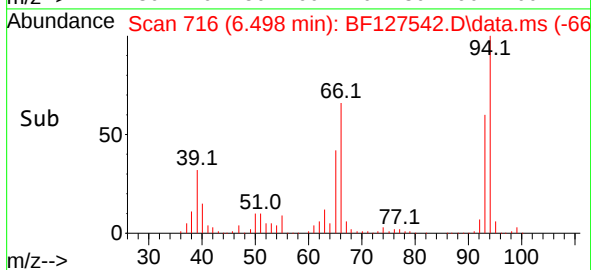
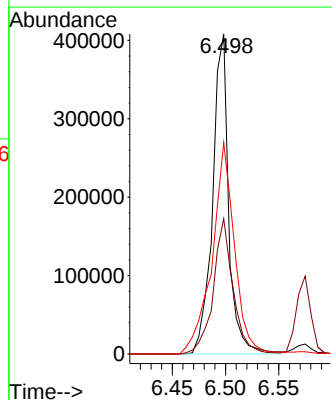
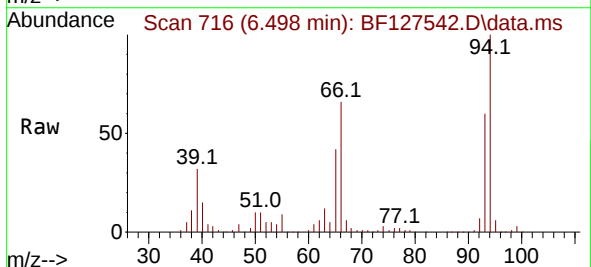
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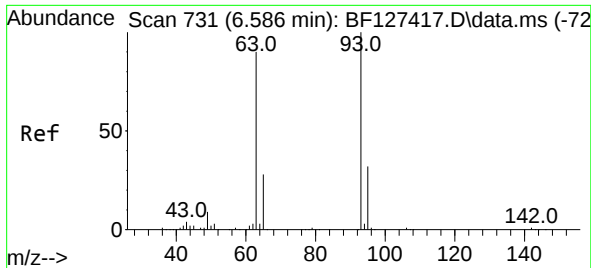
Tgt Ion: 77 Resp: 192868
Ion Ratio Lower Upper
77 100
105 89.5 66.8 106.8
106 85.4 64.3 104.3



#10
Phenol
Concen: 43.274 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 94 Resp: 429116
Ion Ratio Lower Upper
94 100
65 42.2 13.1 53.1
66 66.1 24.9 64.9#

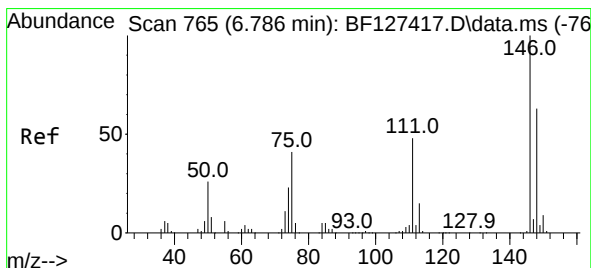
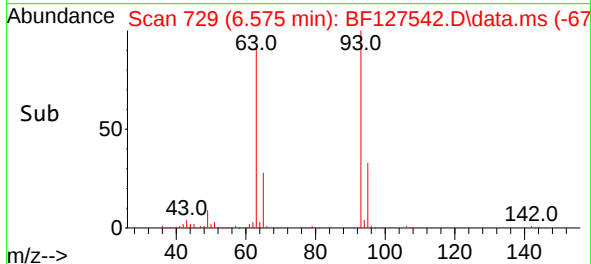
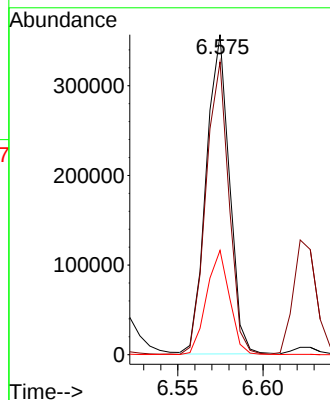
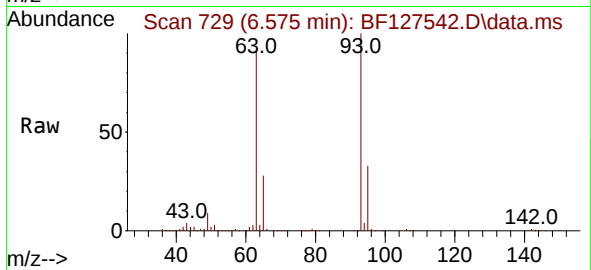




#11
bis(2-Chloroethyl)ether
Concen: 46.554 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

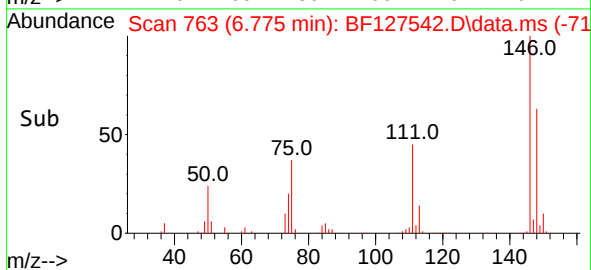
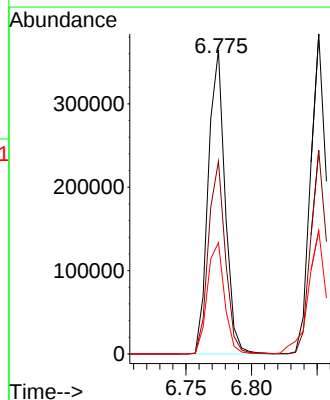
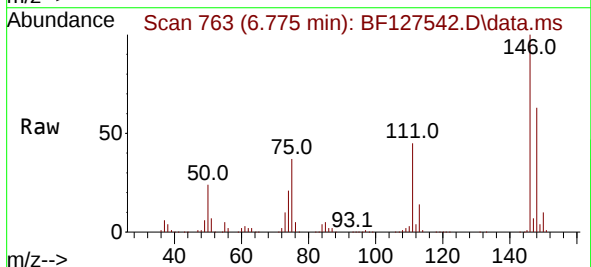
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

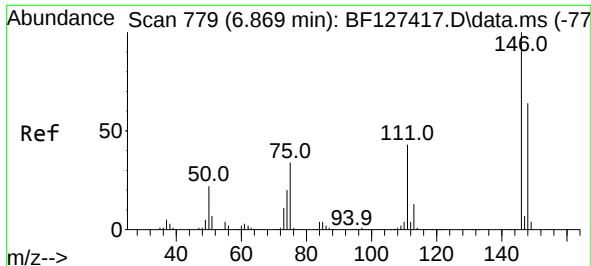
Tgt Ion: 93 Resp: 337792
Ion Ratio Lower Upper
93 100
63 91.5 69.6 109.6
95 32.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 42.546 ng
RT: 6.775 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 146 Resp: 325744
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
75 36.6 32.4 48.6

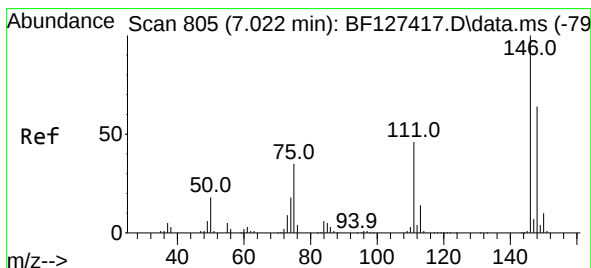
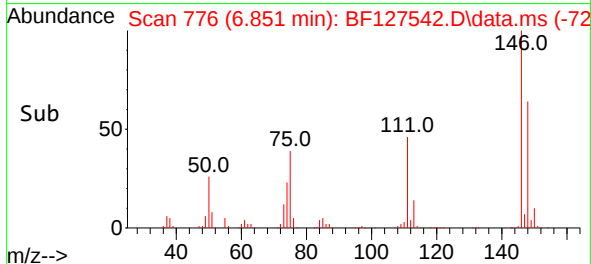
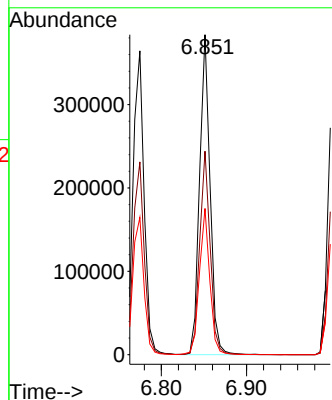
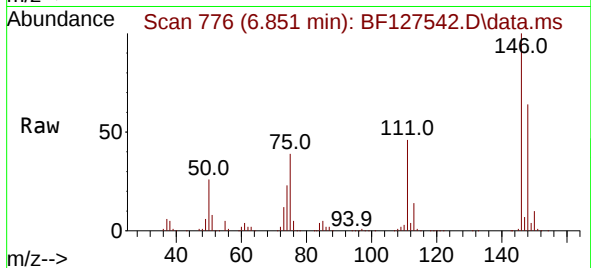




#13
1,4-Dichlorobenzene
Concen: 42.812 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

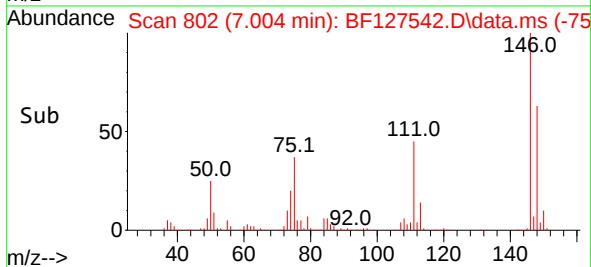
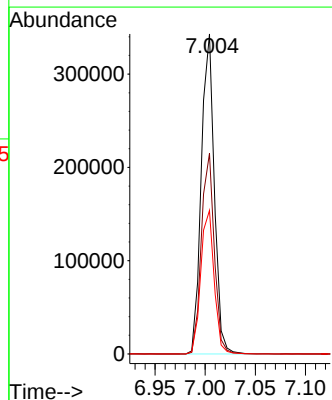
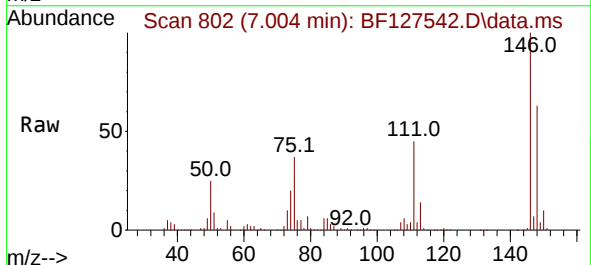
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

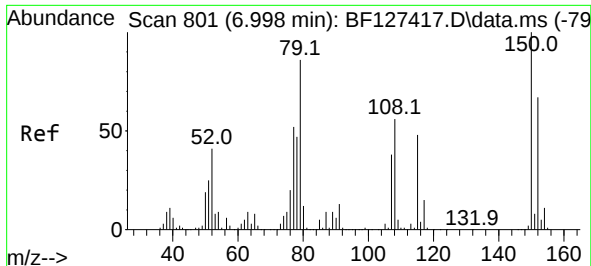
Tgt Ion:146 Resp: 329717
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 45.7 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 41.437 ng
RT: 7.004 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:146 Resp: 310817
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.2
111 44.8 36.4 54.6





#15

Benzyl Alcohol

Concen: 47.837 ng

RT: 6.987 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

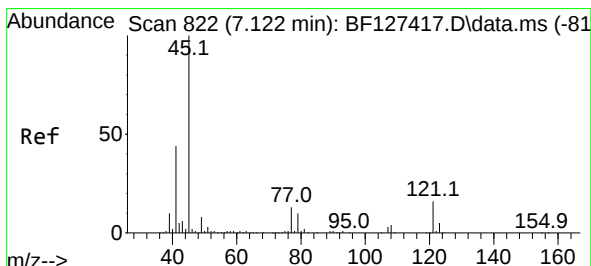
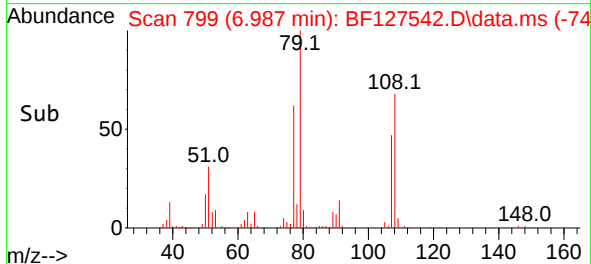
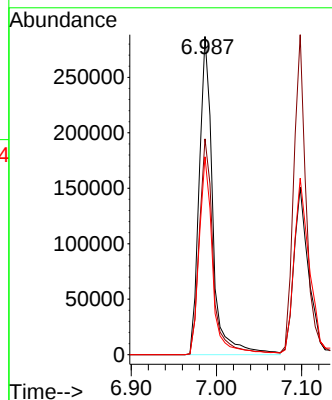
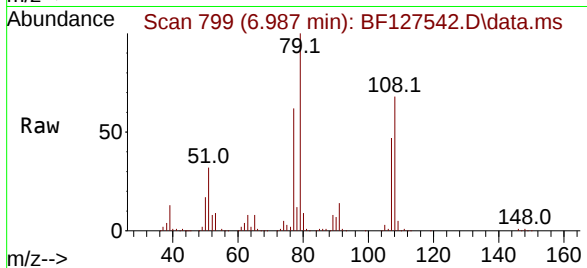
Tgt Ion: 79 Resp: 316556

Ion Ratio Lower Upper

79 100

108 67.8 52.2 78.2

77 62.2 48.3 72.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.575 ng

RT: 7.104 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

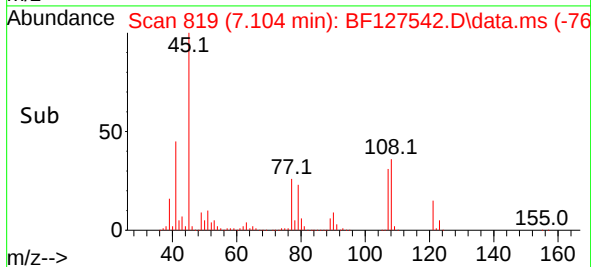
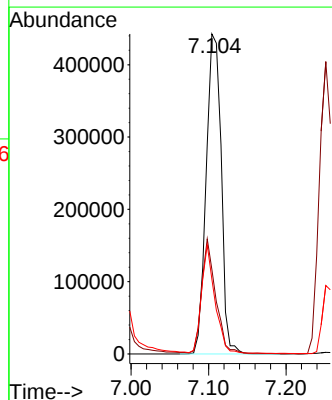
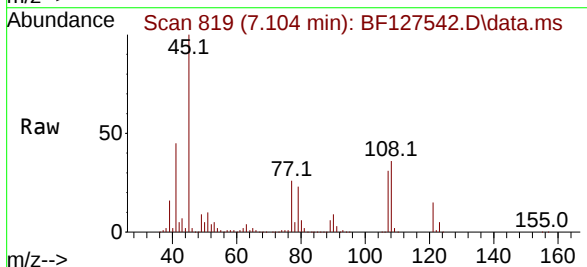
Tgt Ion: 45 Resp: 595058

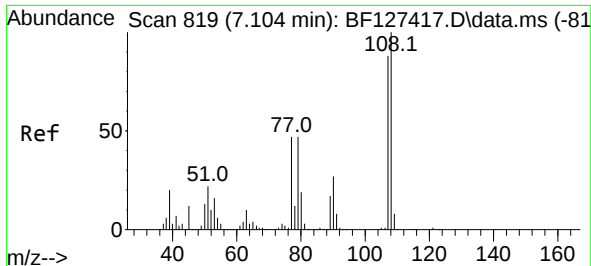
Ion Ratio Lower Upper

45 100

77 26.4 0.0 32.9

79 23.3 0.0 29.9





#17

2-Methylphenol

Concen: 44.322 ng

RT: 7.098 min Scan# 819

Delta R.T. 0.006 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

Tgt Ion:107 Resp: 254626

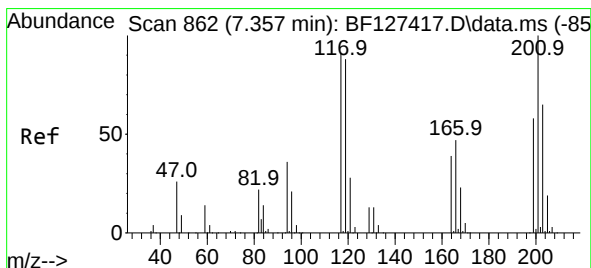
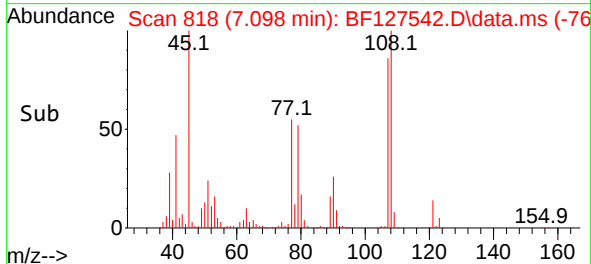
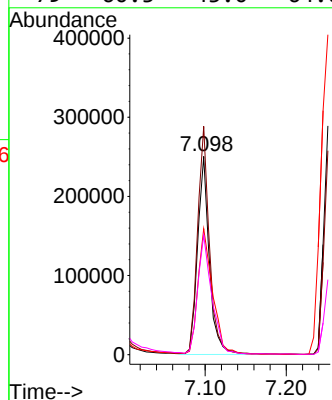
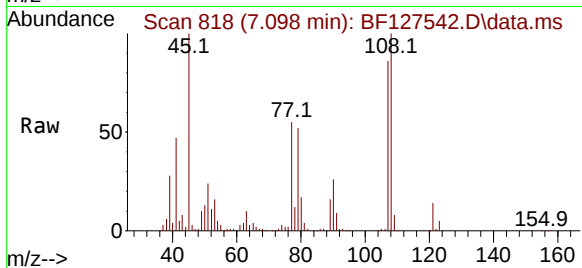
Ion Ratio Lower Upper

107 100

108 115.1 90.7 136.1

77 63.5 42.9 64.3

79 60.3 43.0 64.6



#18

Hexachloroethane

Concen: 45.430 ng

RT: 7.339 min Scan# 859

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

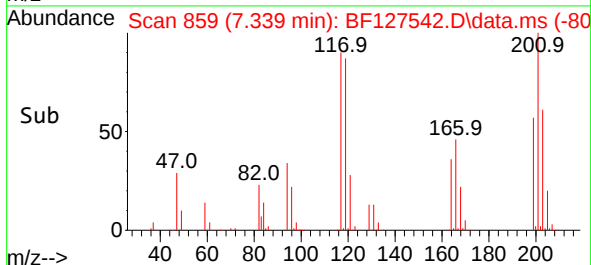
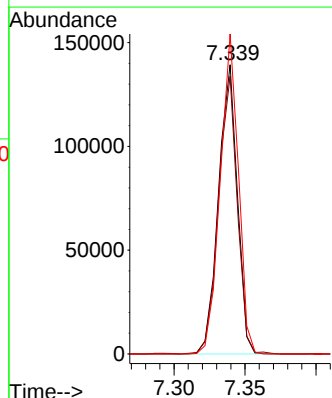
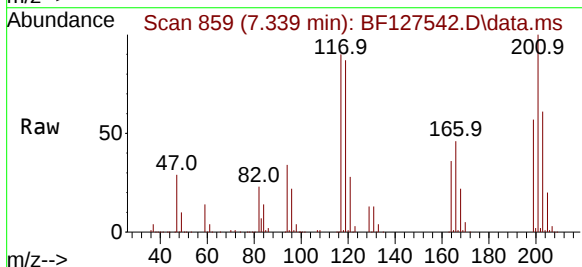
Tgt Ion:117 Resp: 128090

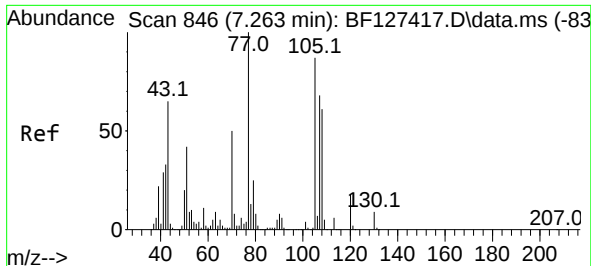
Ion Ratio Lower Upper

117 100

119 96.0 77.6 116.4

201 110.6 88.2 132.2



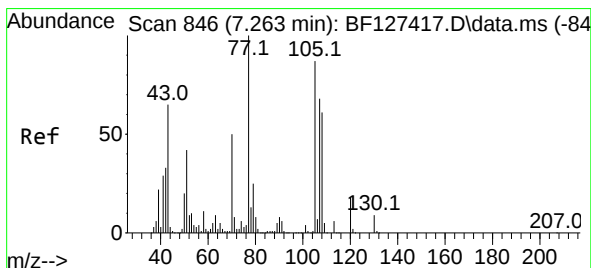
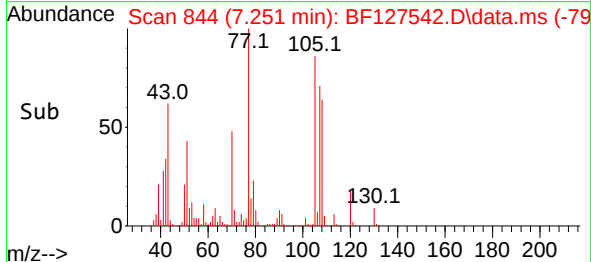
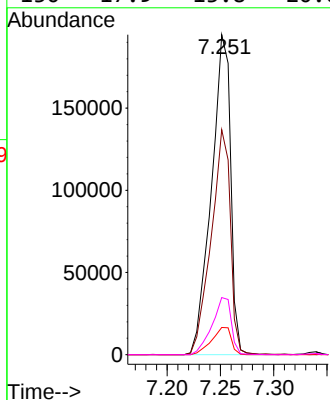
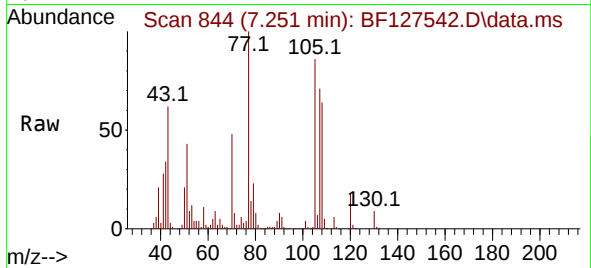


#19
n-Nitroso-di-n-propylamine
Concen: 44.621 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB143603BSD

Tgt Ion: 70 Resp: 243541

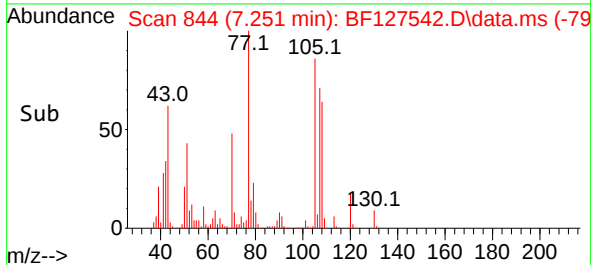
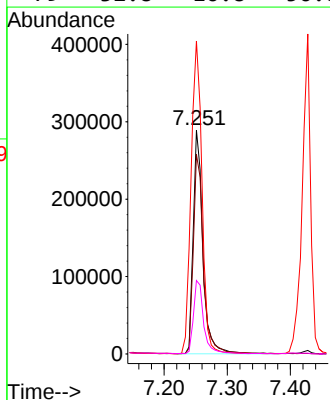
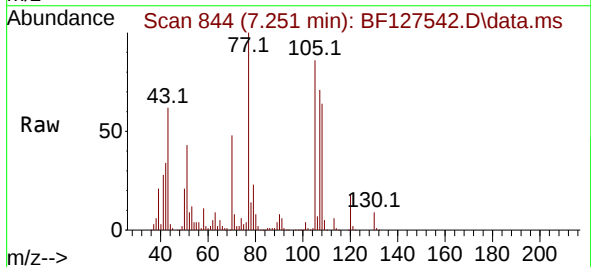
Ion	Ratio	Lower	Upper
70	100		
42	70.3	53.0	79.6
101	8.5	6.8	10.2
130	17.9	13.8	20.6

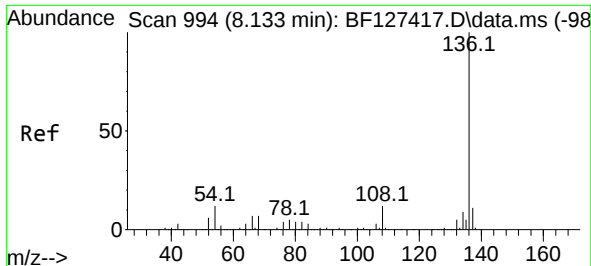


#20
3+4-Methylphenols
Concen: 43.274 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 107 Resp: 306632

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.7	110.7
77	139.9	127.9	167.9
79	32.8	16.8	56.8



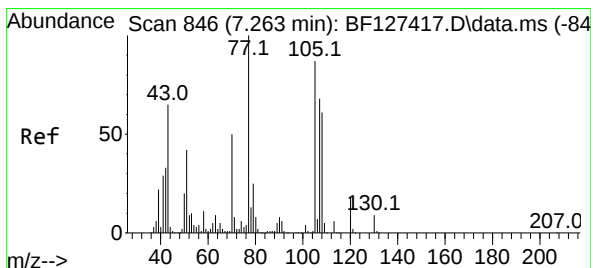
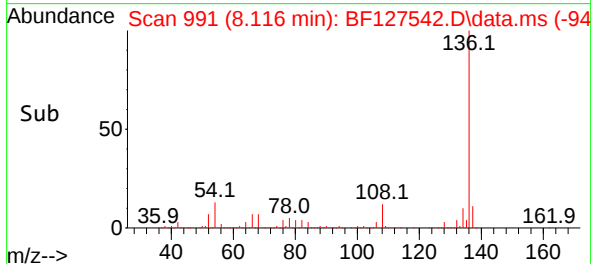
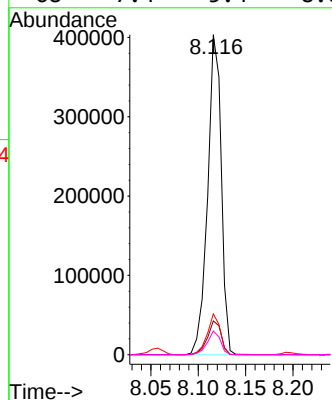
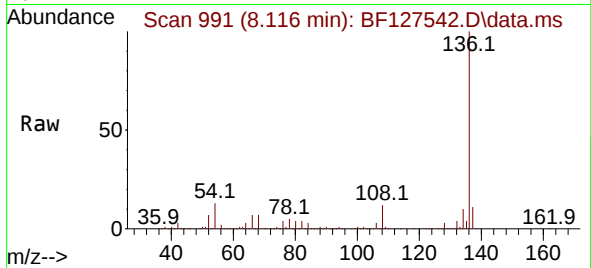


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB143603BSD

Tgt Ion:136 Resp: 402237

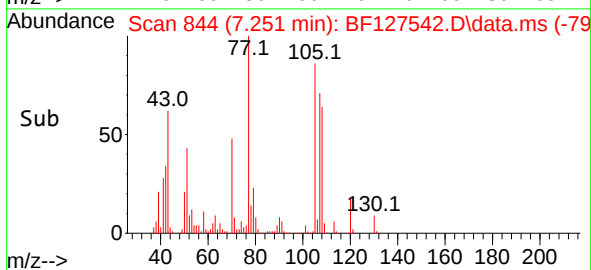
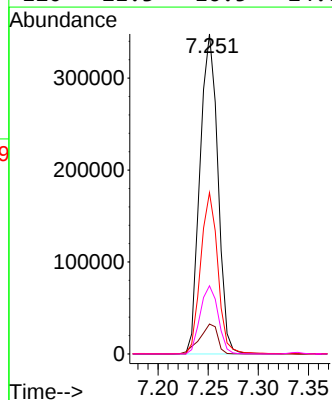
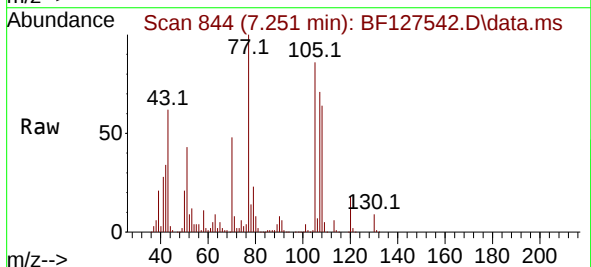
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	12.7	9.2	13.8
68	7.4	5.4	8.0

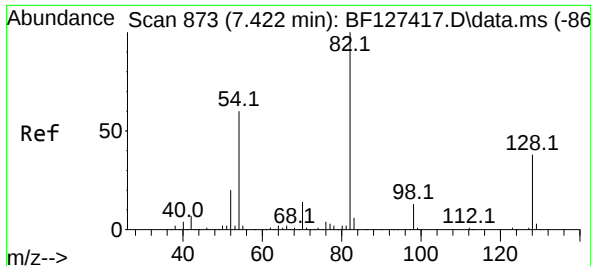


#22
Acetophenone
Concen: 42.092 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:105 Resp: 432796

Ion	Ratio	Lower	Upper
105	100		
71	9.3	7.3	10.9
51	50.4	38.8	58.2
120	21.3	16.5	24.7

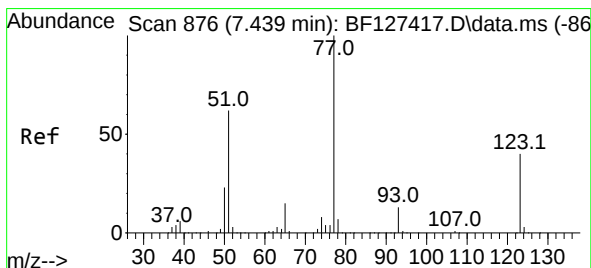
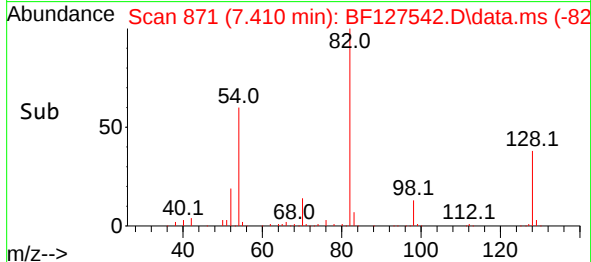
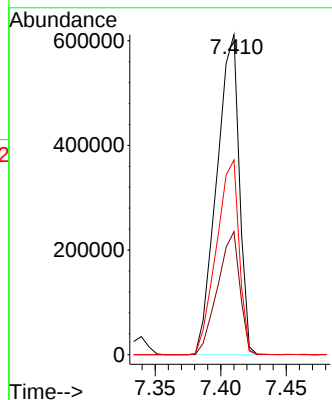
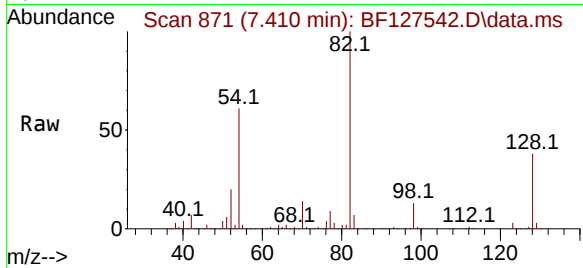




#23
Nitrobenzene-d5
Concen: 77.572 ng
RT: 7.410 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

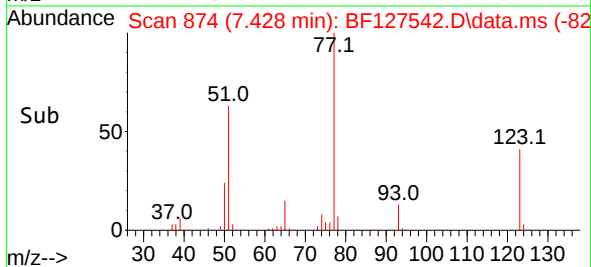
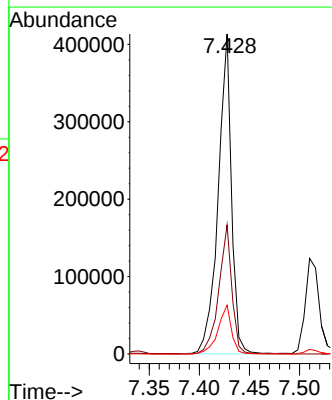
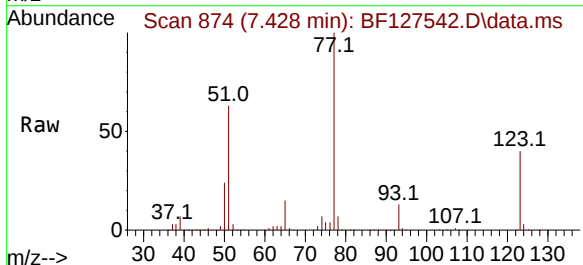
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

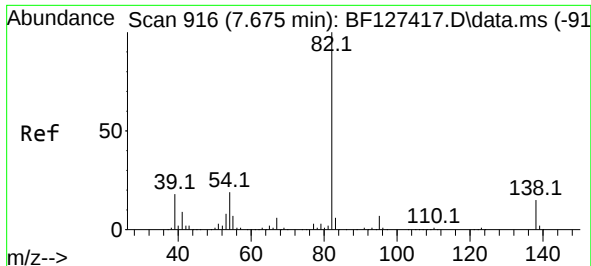
Tgt Ion: 82 Resp: 729947
Ion Ratio Lower Upper
82 100
128 38.5 30.6 45.8
54 60.8 48.2 72.2



#24
Nitrobenzene
Concen: 42.535 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 77 Resp: 381709
Ion Ratio Lower Upper
77 100
123 40.3 32.0 48.0
65 15.2 12.2 18.2

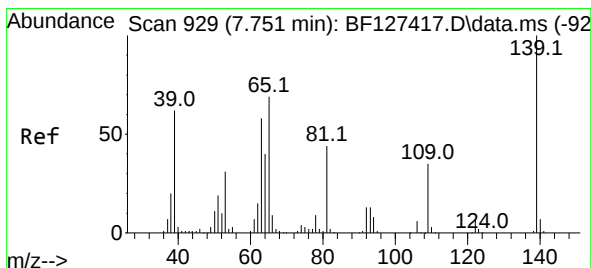
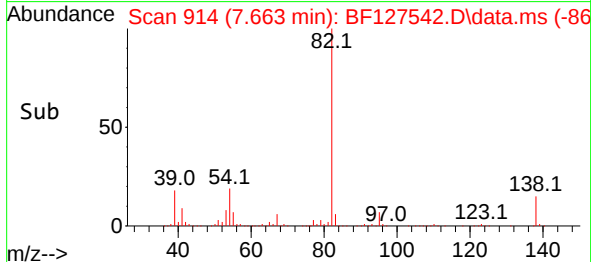
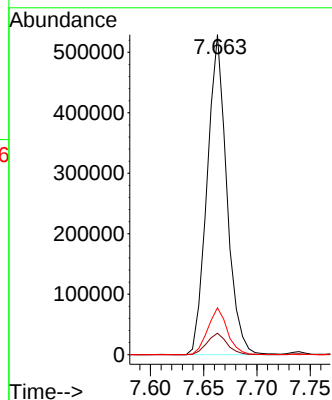
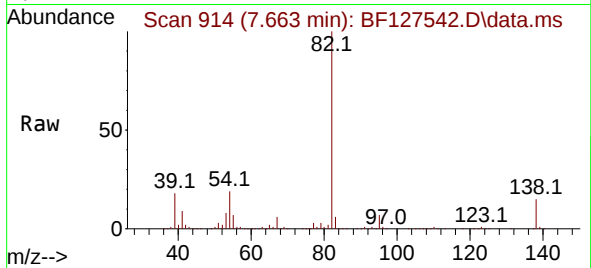




#25
Isophorone
Concen: 45.479 ng
RT: 7.663 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

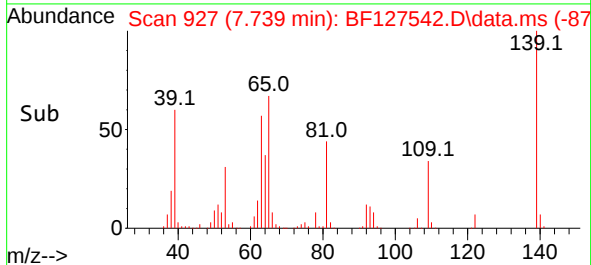
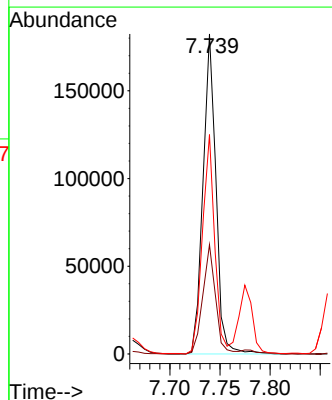
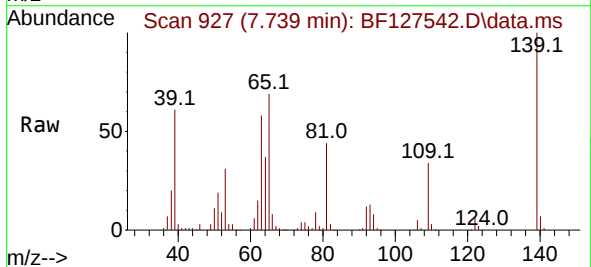
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

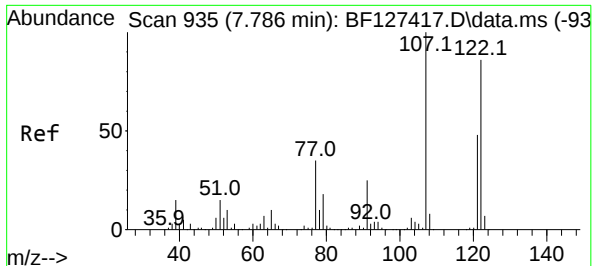
Tgt Ion: 82 Resp: 681605
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.8
138 14.6 11.6 17.4



#26
2-Nitrophenol
Concen: 43.668 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion: 139 Resp: 164355
Ion Ratio Lower Upper
139 100
109 34.2 28.2 42.2
65 68.6 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 48.503 ng

RT: 7.775 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

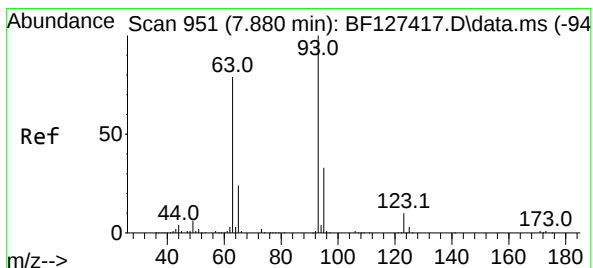
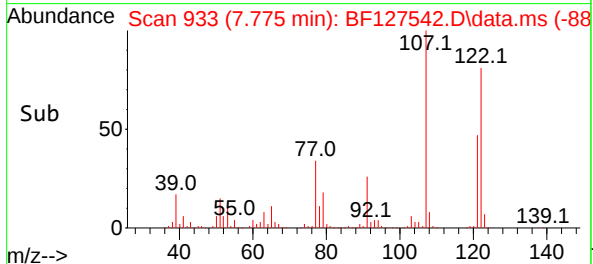
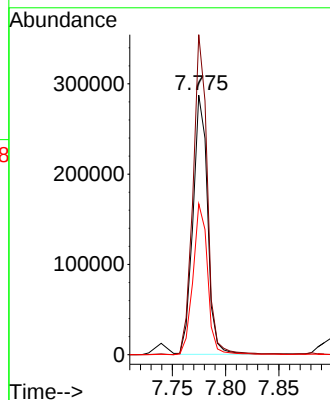
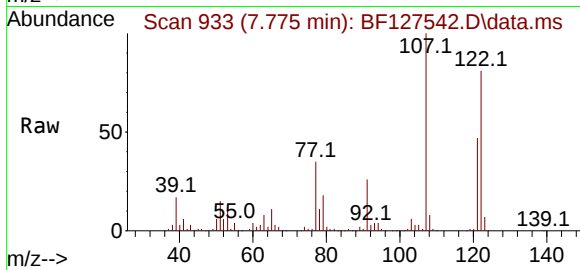
Tgt Ion:122 Resp: 274603

Ion Ratio Lower Upper

122 100

107 123.3 93.0 139.4

121 58.1 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.802 ng

RT: 7.869 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

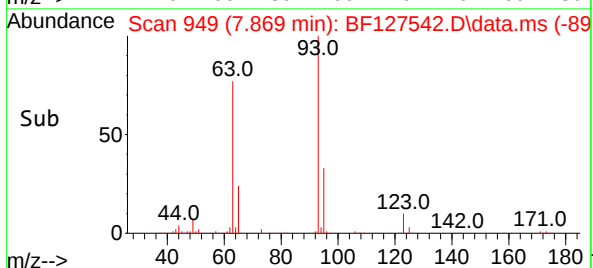
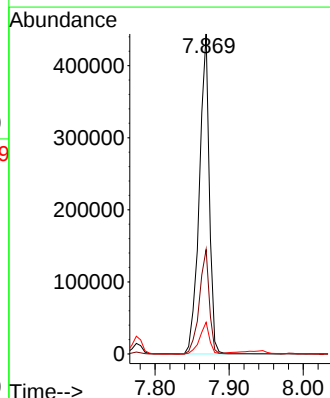
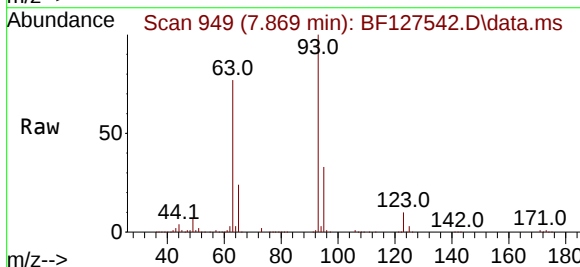
Tgt Ion: 93 Resp: 416719

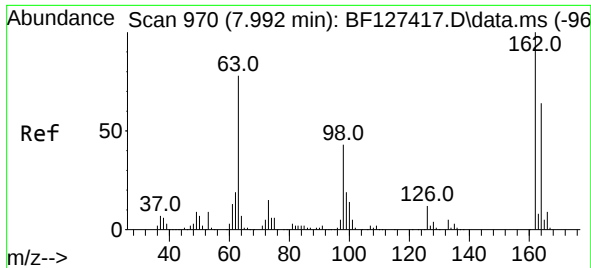
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.046 ng

RT: 7.986 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

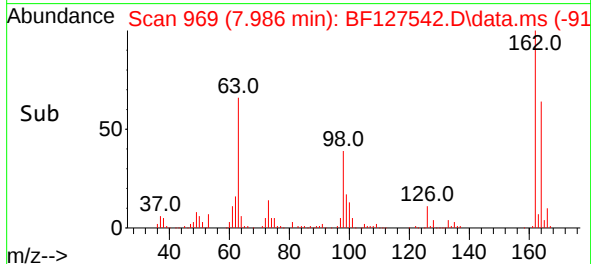
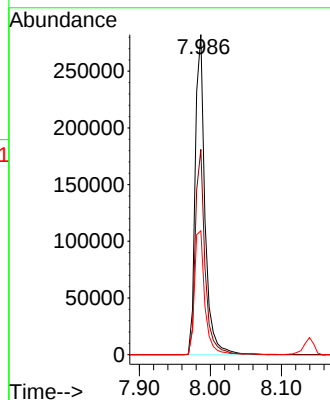
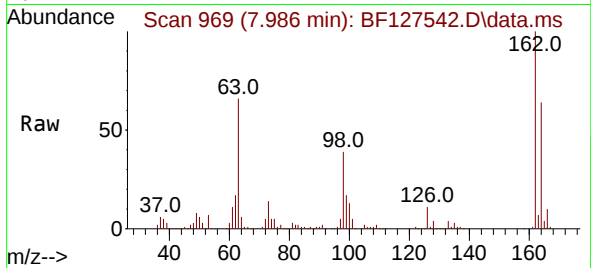
Tgt Ion:162 Resp: 270236

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

98 38.7 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 40.386 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

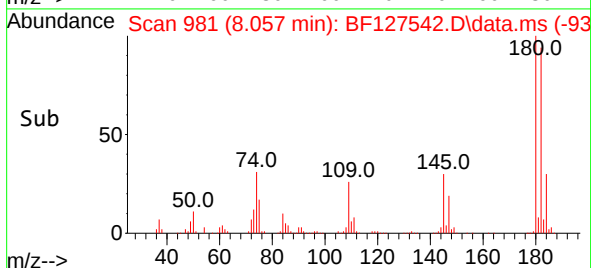
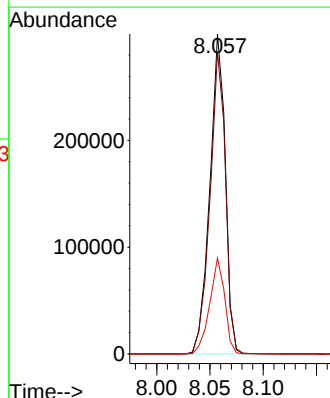
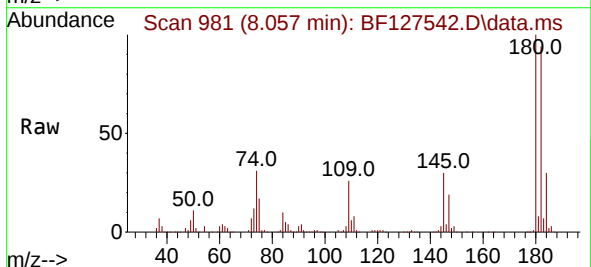
Tgt Ion:180 Resp: 302470

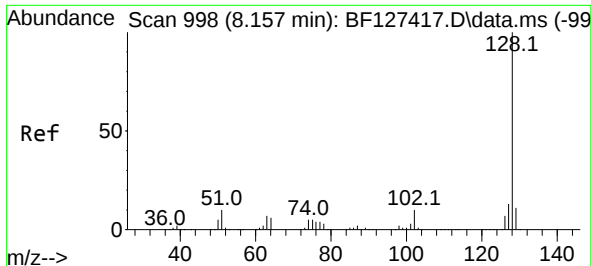
Ion Ratio Lower Upper

180 100

182 94.4 73.8 110.6

145 30.0 23.3 34.9

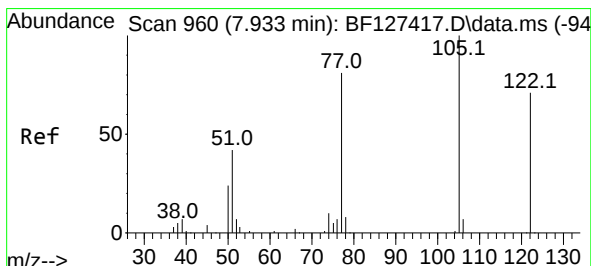
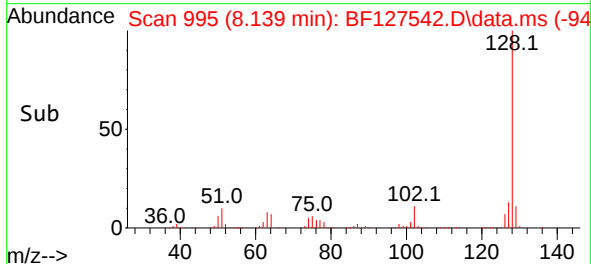
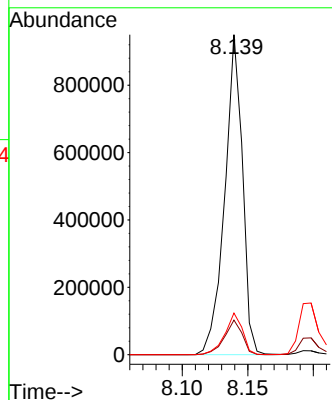
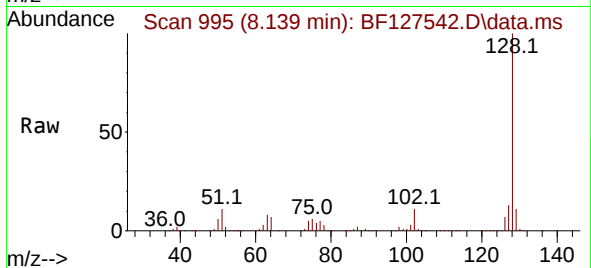




#31
Naphthalene
Concen: 41.728 ng
RT: 8.139 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

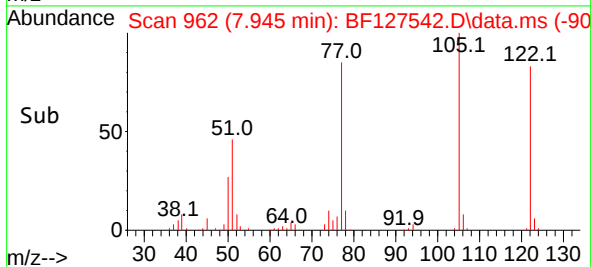
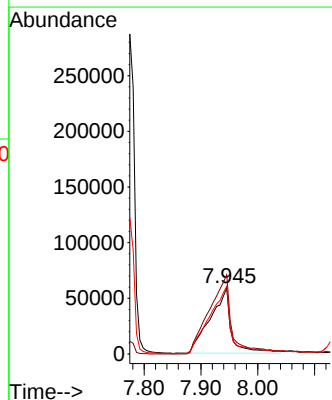
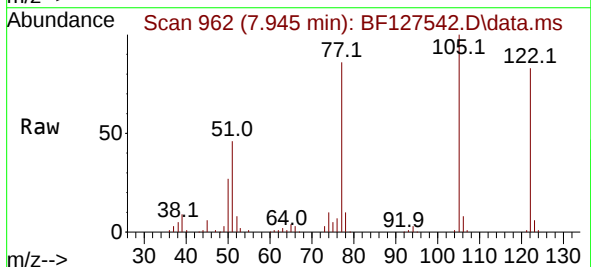
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

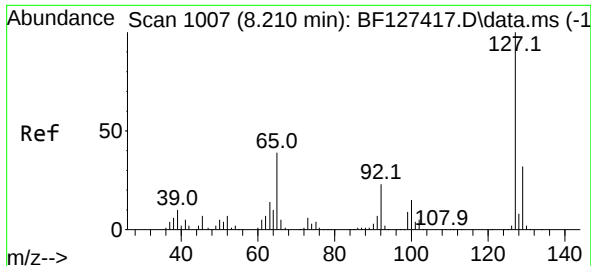
Tgt Ion:128 Resp: 891117
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 46.638 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.018 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:122 Resp: 151115
Ion Ratio Lower Upper
122 100
105 120.5 117.1 157.1
77 103.0 93.0 133.0

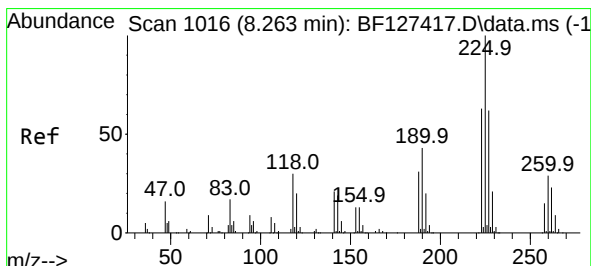
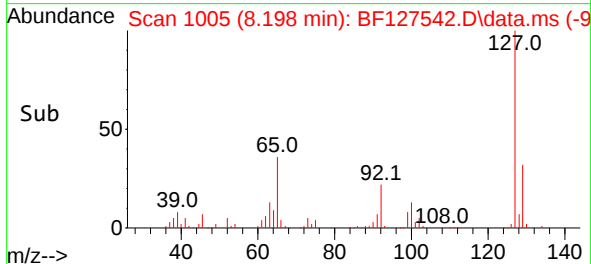
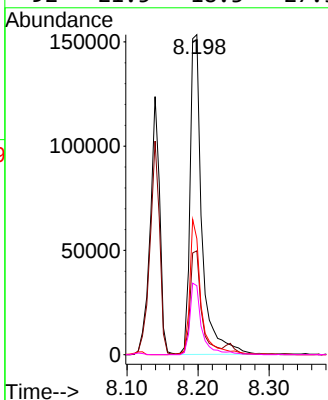
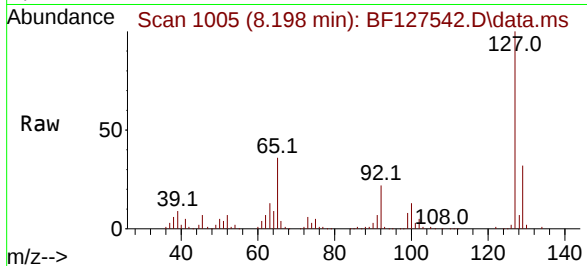




#33
4-Chloroaniline
Concen: 21.710 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

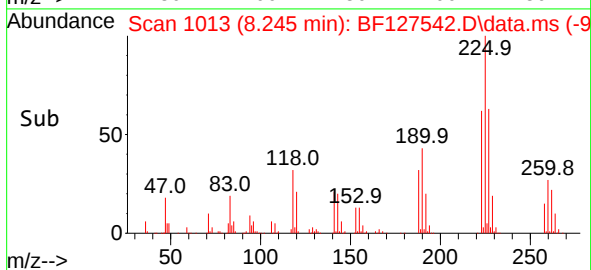
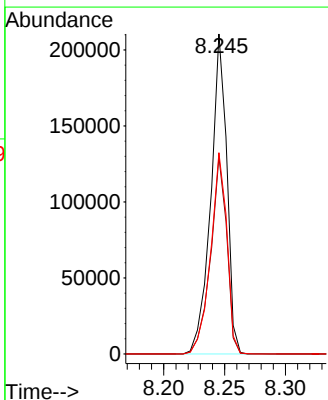
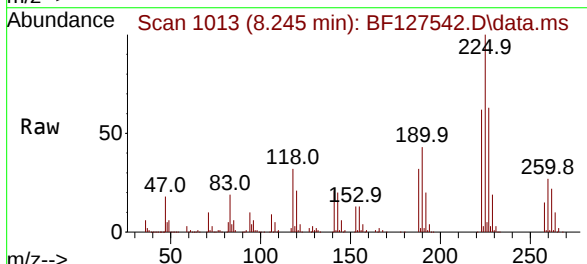
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

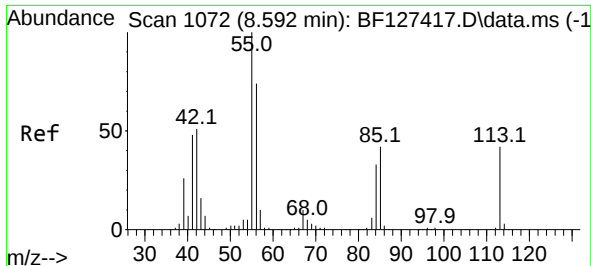
Tgt Ion:127	Resp: 179656
Ion Ratio	Lower Upper
127 100	
129 32.4	25.9 38.9
65 36.2	31.4 47.0
92 21.5	18.3 27.5



#34
Hexachlorobutadiene
Concen: 40.559 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:225	Resp: 192896
Ion Ratio	Lower Upper
225 100	
223 61.6	50.6 76.0
227 62.9	49.6 74.4

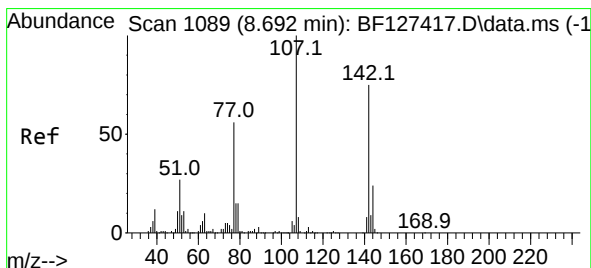
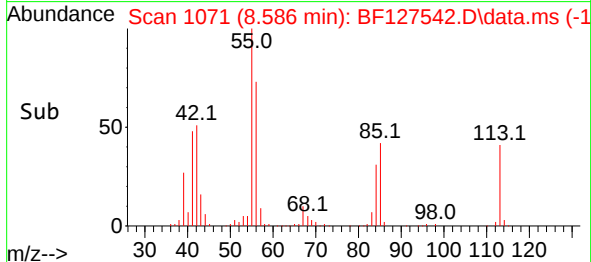
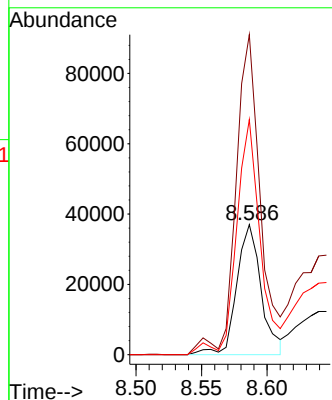
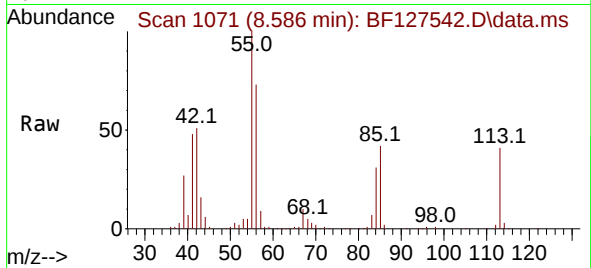




#35
 Caprolactam
 Concen: 24.298 ng
 RT: 8.586 min Scan# 1072
 Delta R.T. 0.000 min
 Lab File: BF127542.D
 Acq: 28 Mar 2022 15:15

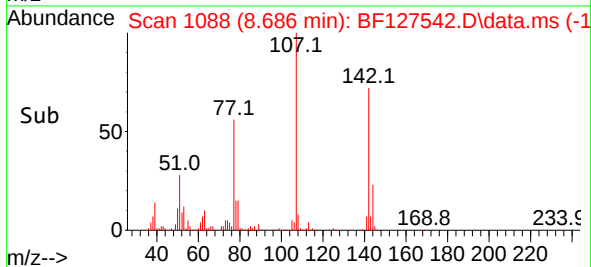
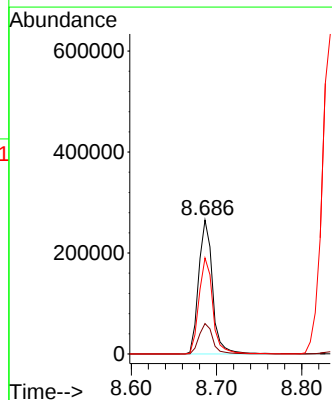
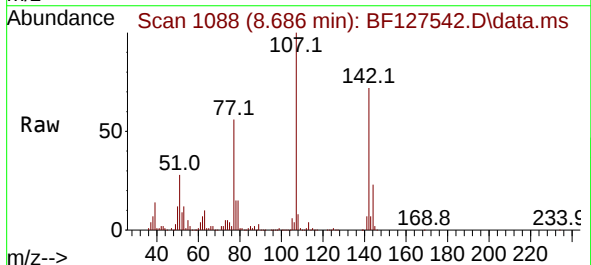
Instrument :
 BNA_F
 ClientSampleId :
 PB143603BSD

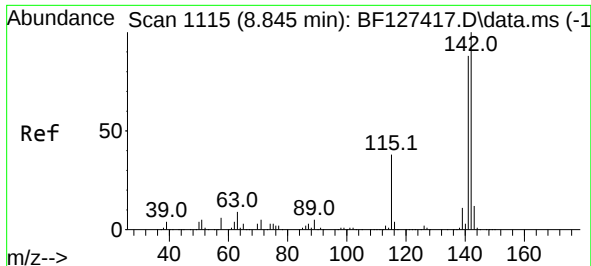
Tgt Ion:113 Resp: 48144
 Ion Ratio Lower Upper
 113 100
 55 245.9 218.7 258.7
 56 180.6 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.134 ng
 RT: 8.686 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF127542.D
 Acq: 28 Mar 2022 15:15

Tgt Ion:107 Resp: 300787
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 71.7 59.8 89.8

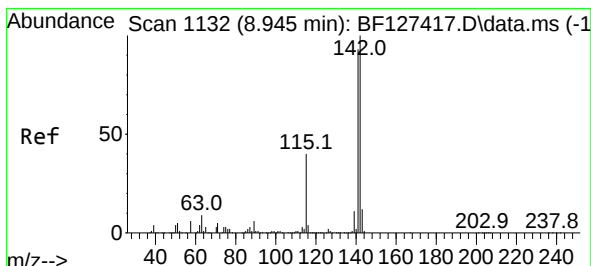
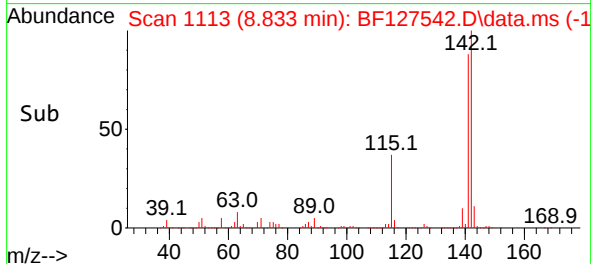
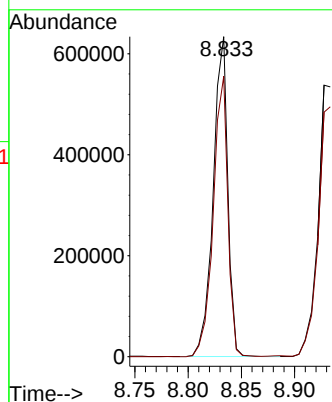
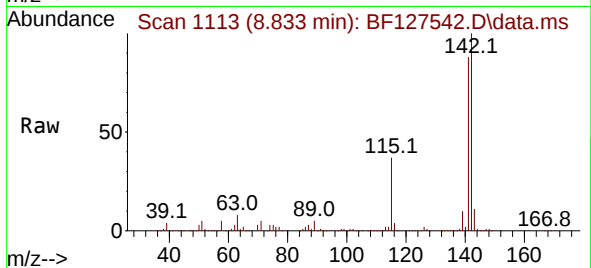




#37
2-Methylnaphthalene
Concen: 43.929 ng
RT: 8.833 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

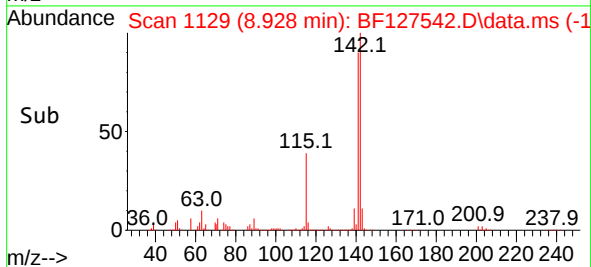
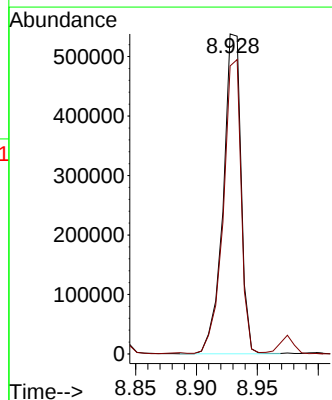
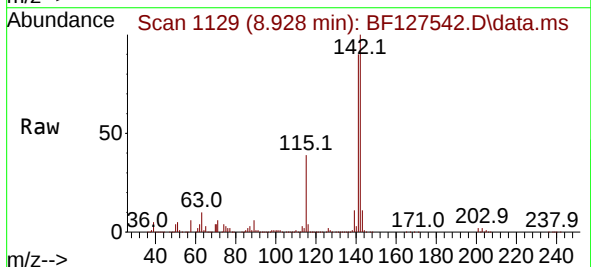
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

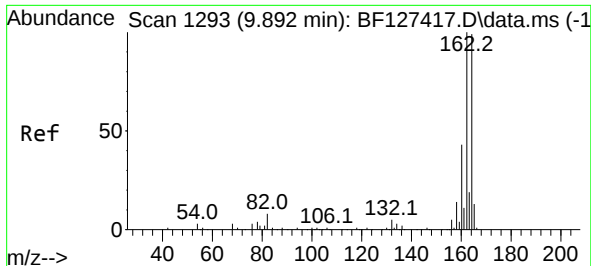
Tgt Ion:142 Resp: 603224
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0



#38
1-Methylnaphthalene
Concen: 40.687 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:142 Resp: 552459
Ion Ratio Lower Upper
142 100
141 90.0 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

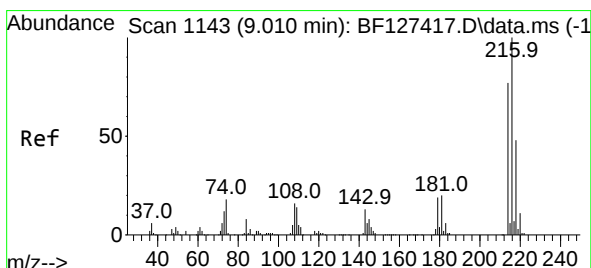
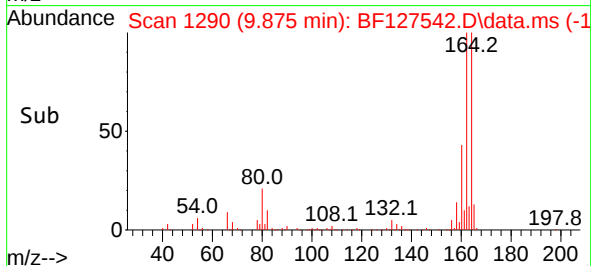
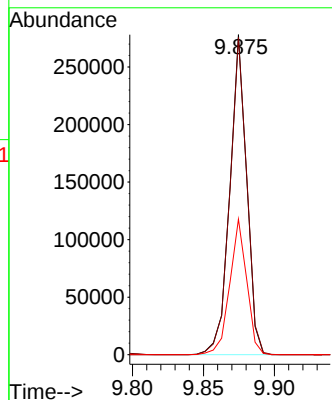
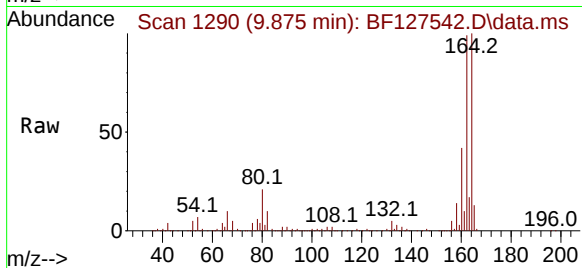
Tgt Ion:164 Resp: 229739

Ion Ratio Lower Upper

164 100

162 99.1 81.2 121.8

160 42.4 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.670 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Tgt Ion:216 Resp: 311693

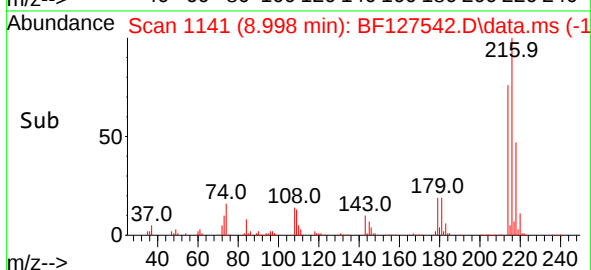
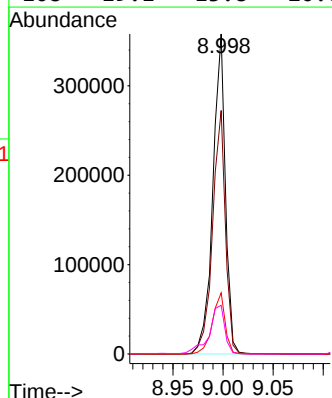
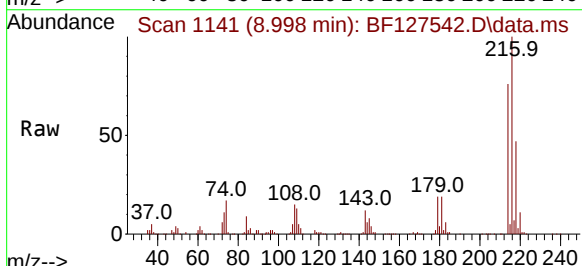
Ion Ratio Lower Upper

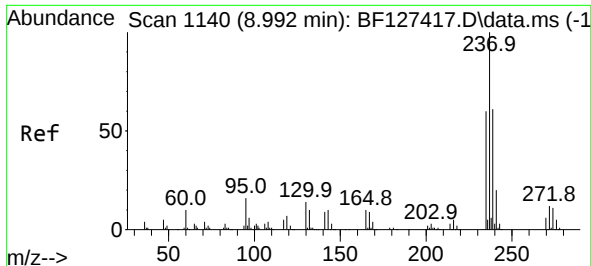
216 100

214 78.1 63.0 94.4

179 19.4 15.5 23.3

108 19.1 13.8 20.6

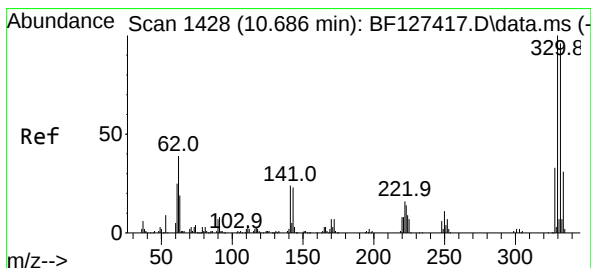
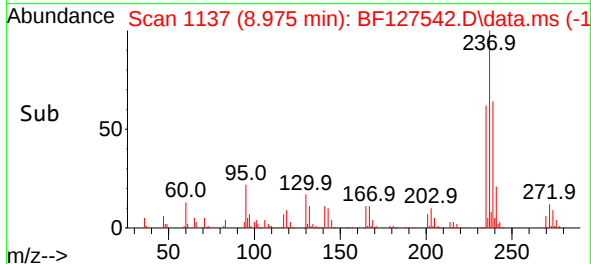
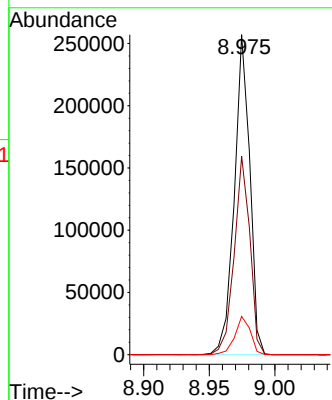
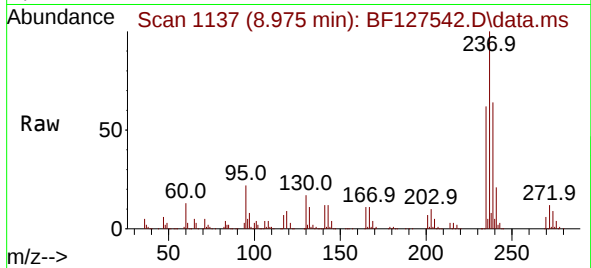




#41
Hexachlorocyclopentadiene
Concen: 82.449 ng
RT: 8.975 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

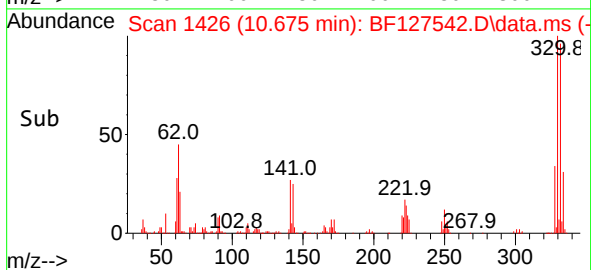
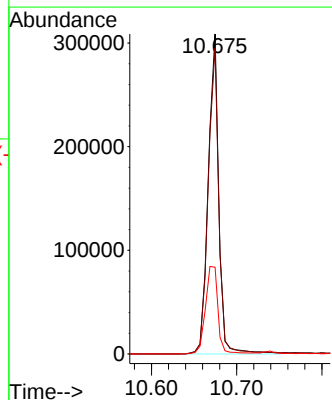
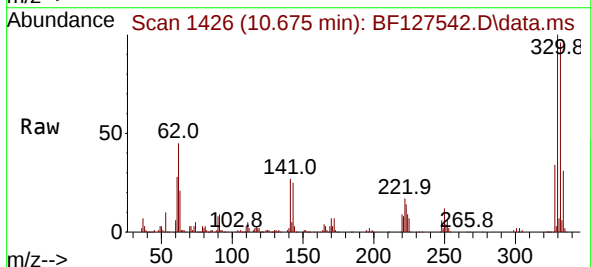
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

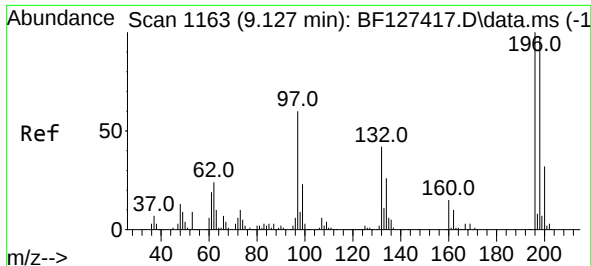
Tgt Ion:237 Resp: 211245
Ion Ratio Lower Upper
237 100
235 62.1 40.4 80.4
272 11.9 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 108.767 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:330 Resp: 266186
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 32.4 26.2 39.4

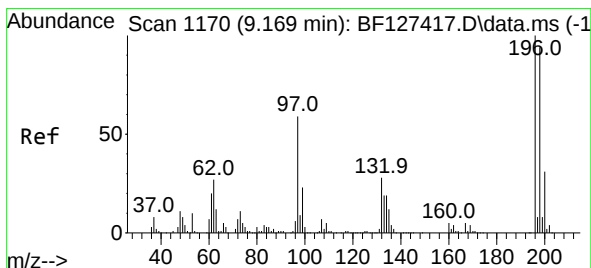
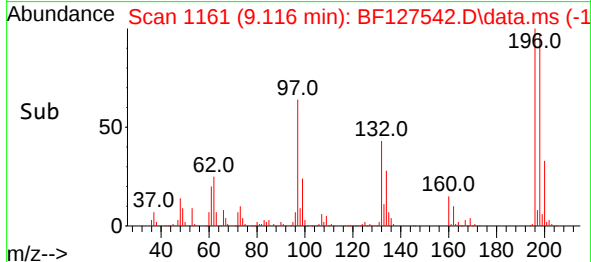
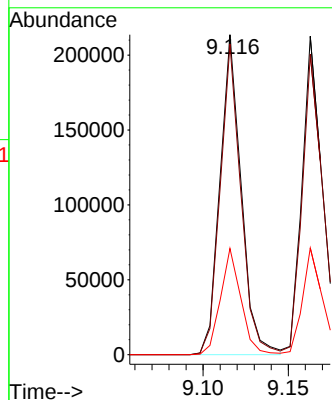
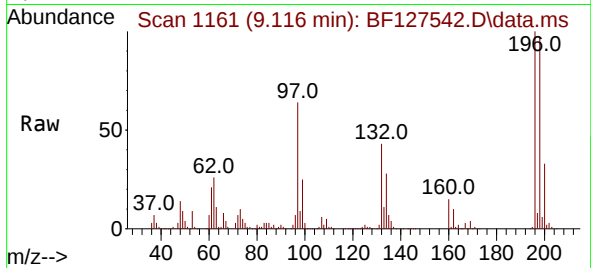




#43
2,4,6-Trichlorophenol
Concen: 41.964 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

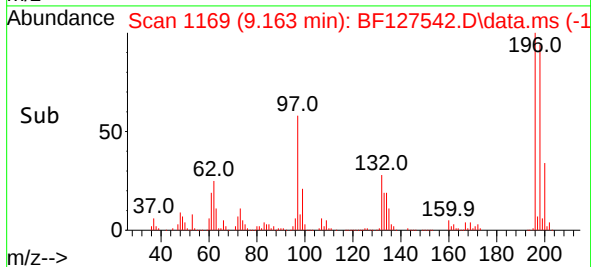
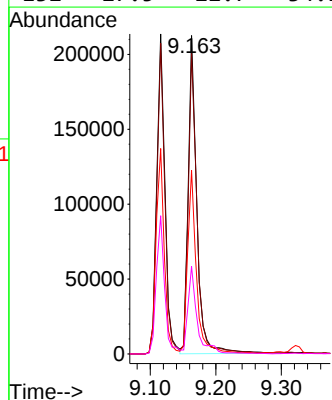
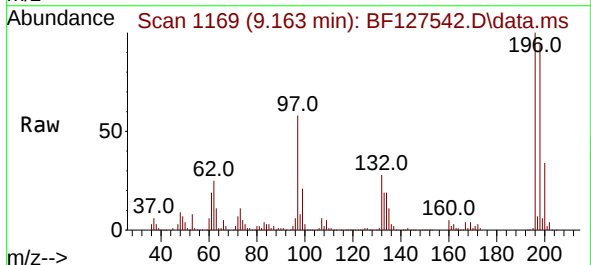
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

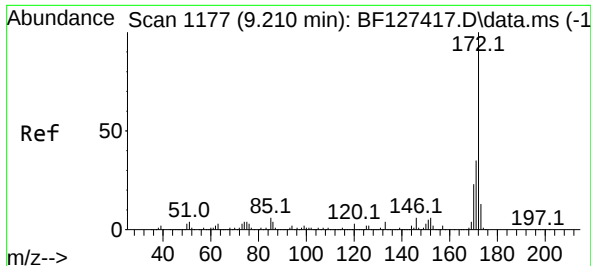
Tgt Ion:196 Resp: 185290
Ion Ratio Lower Upper
196 100
198 97.1 77.8 116.6
200 33.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 42.342 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:196 Resp: 192456
Ion Ratio Lower Upper
196 100
198 94.3 75.3 112.9
97 57.7 46.8 70.2
132 27.5 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 76.545 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

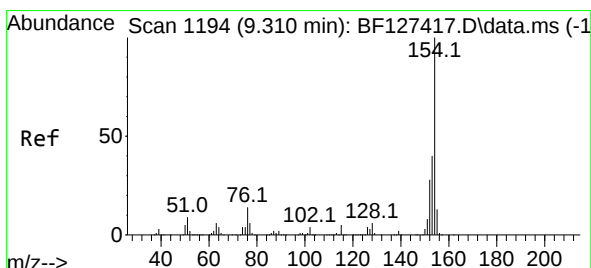
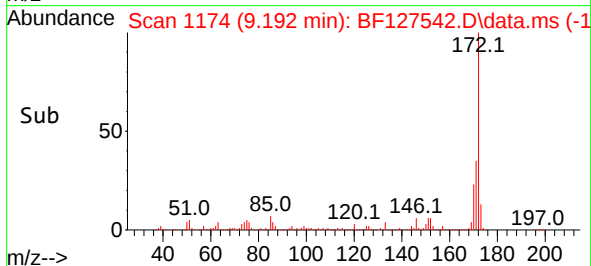
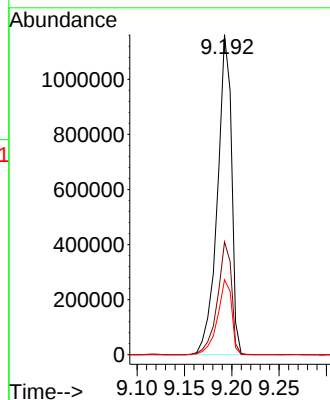
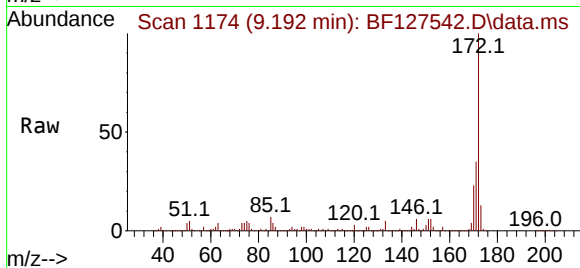
Tgt Ion:172 Resp: 1204282

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 42.218 ng

RT: 9.298 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

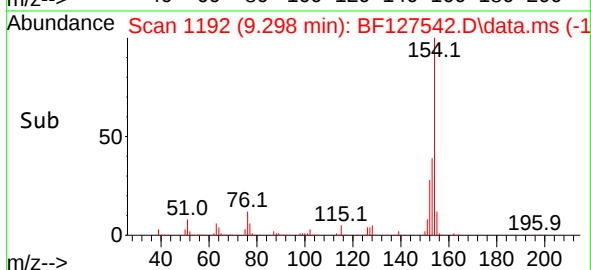
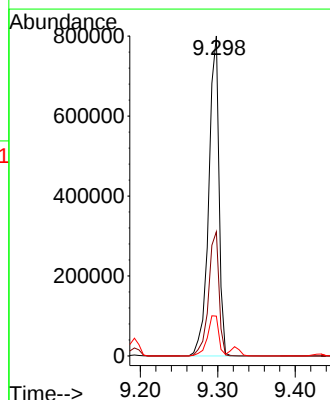
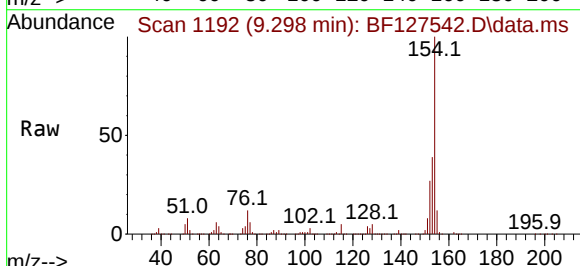
Tgt Ion:154 Resp: 732541

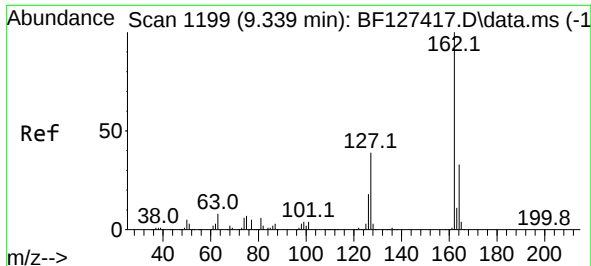
Ion Ratio Lower Upper

154 100

153 38.8 20.3 60.3

76 12.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.844 ng

RT: 9.322 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

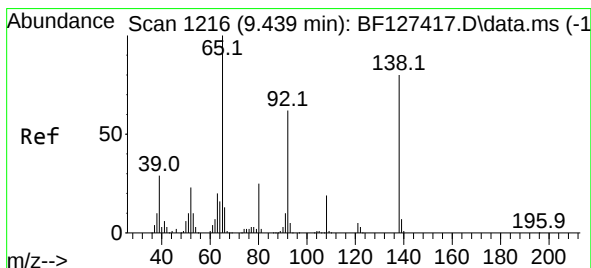
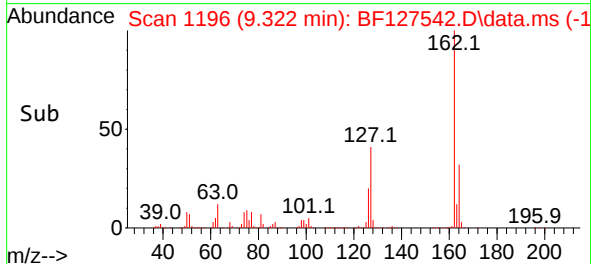
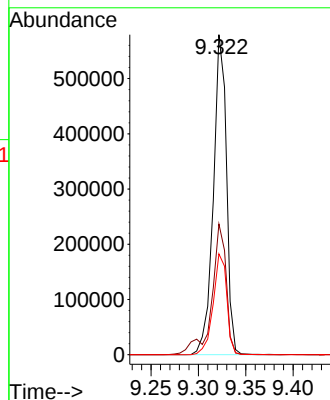
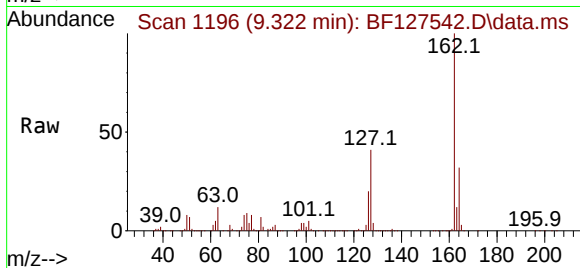
Tgt Ion:162 Resp: 558084

Ion Ratio Lower Upper

162 100

127 40.9 31.8 47.6

164 31.5 26.4 39.6



#48

2-Nitroaniline

Concen: 42.028 ng

RT: 9.428 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

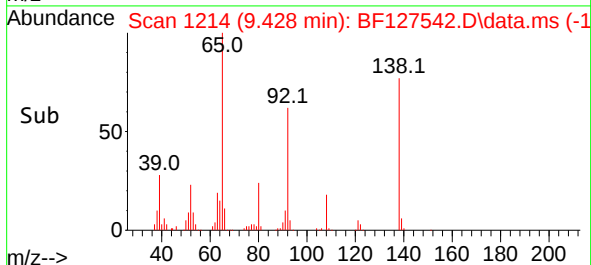
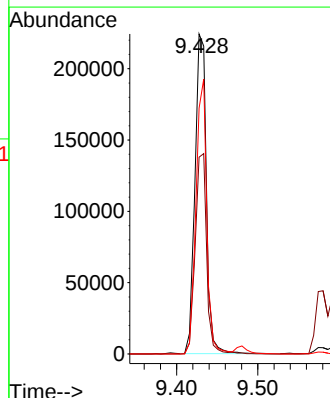
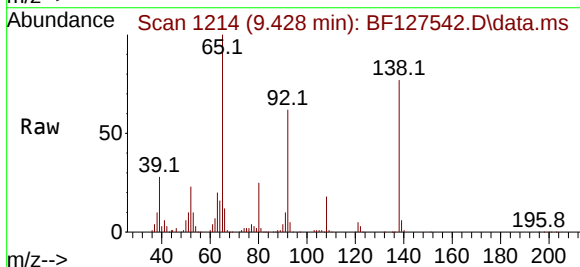
Tgt Ion: 65 Resp: 220087

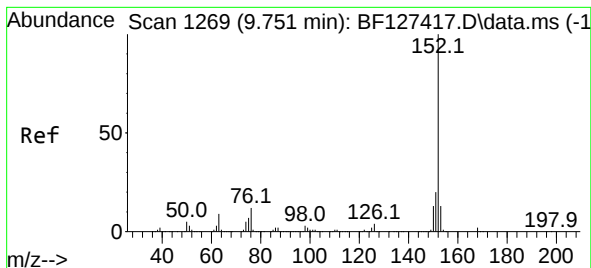
Ion Ratio Lower Upper

65 100

92 61.5 50.0 75.0

138 76.8 64.1 96.1





#49

Acenaphthylene

Concen: 40.403 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

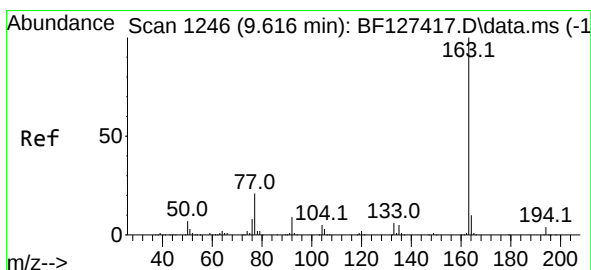
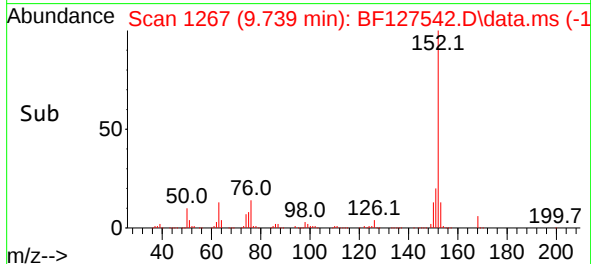
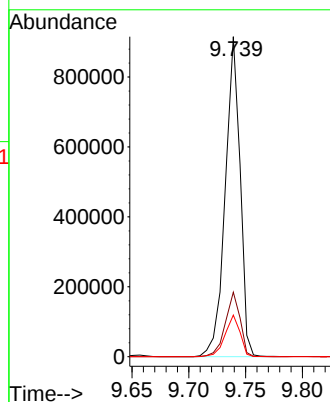
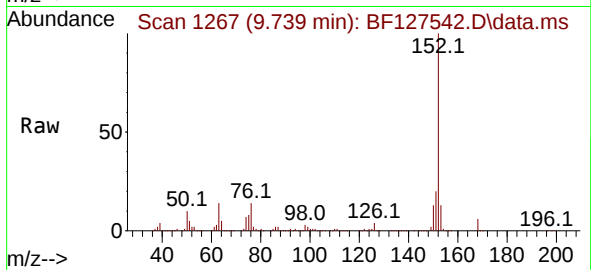
Tgt Ion:152 Resp: 834577

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 42.699 ng

RT: 9.598 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

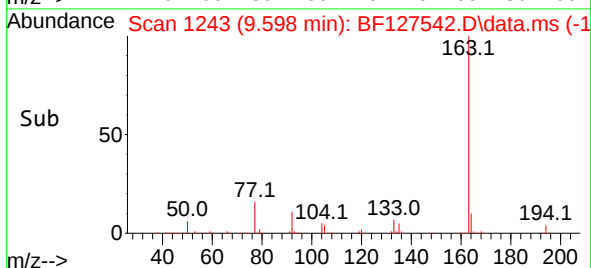
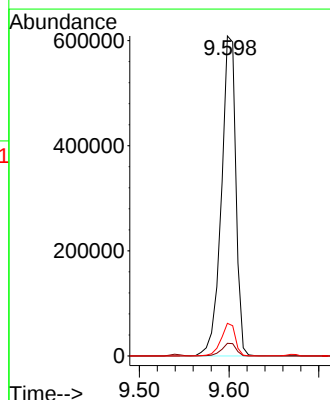
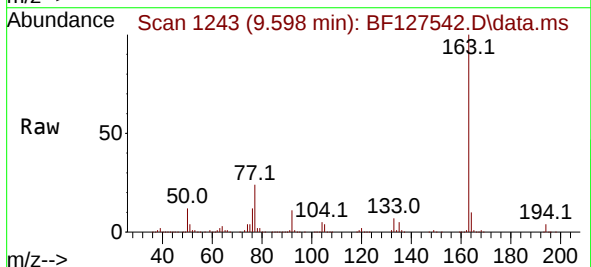
Tgt Ion:163 Resp: 682443

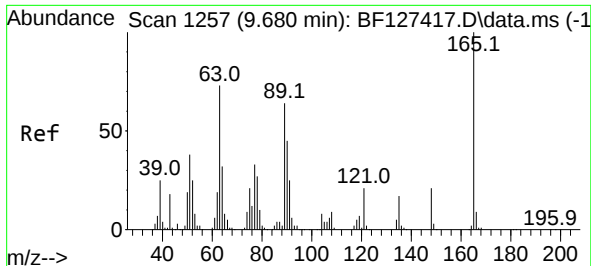
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 7.8 11.8

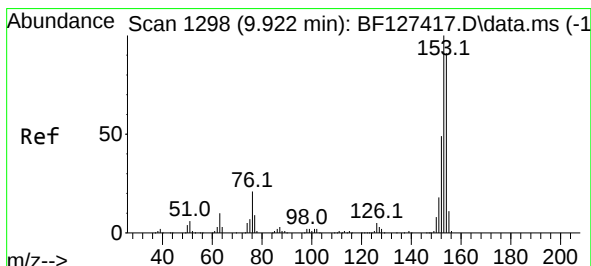
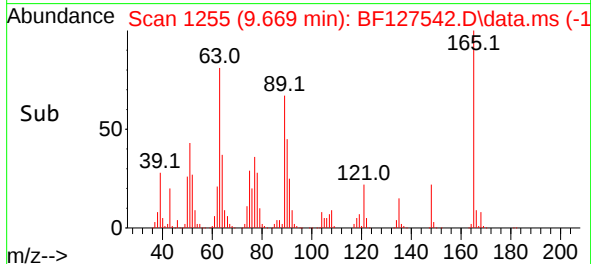
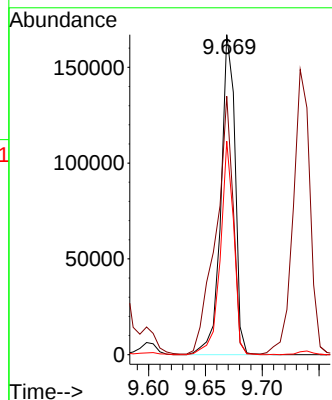
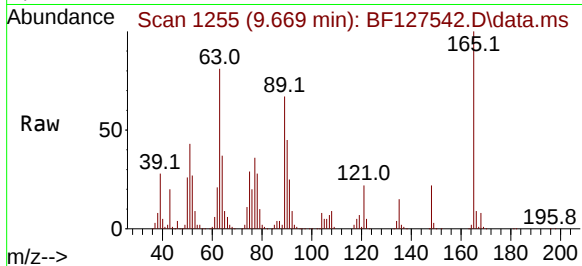




#51
2,6-Dinitrotoluene
Concen: 43.402 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

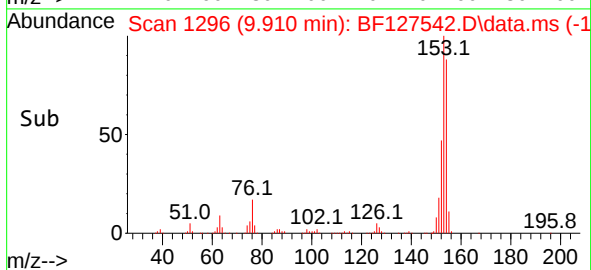
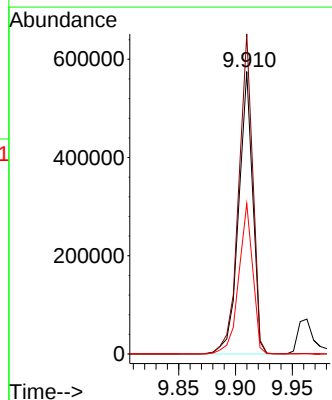
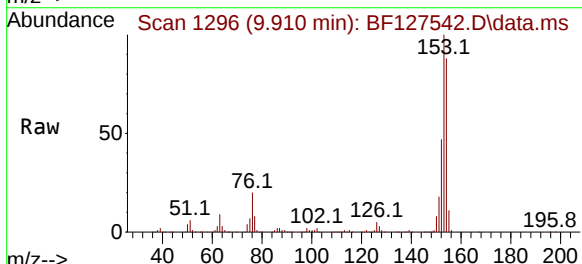
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

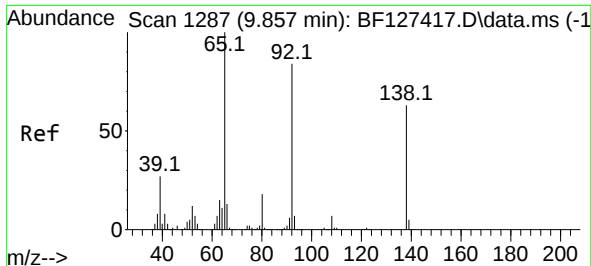
Tgt Ion:165 Resp: 145611
Ion Ratio Lower Upper
165 100
63 80.7 58.3 87.5
89 66.7 51.5 77.3



#52
Acenaphthene
Concen: 41.211 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:154 Resp: 496686
Ion Ratio Lower Upper
154 100
153 113.3 87.6 131.4
152 53.2 42.9 64.3

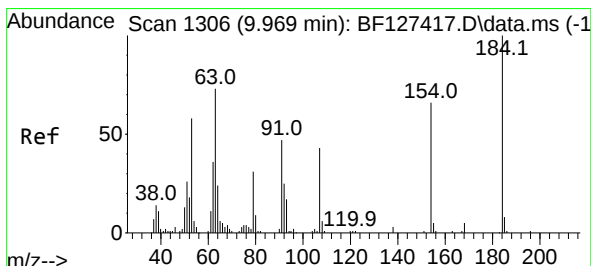
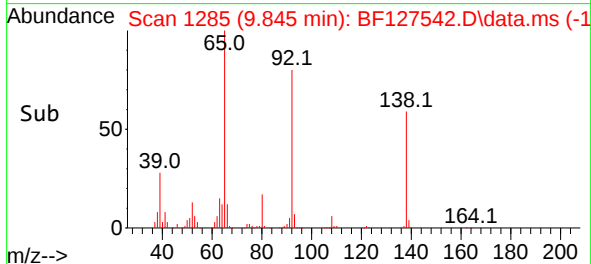
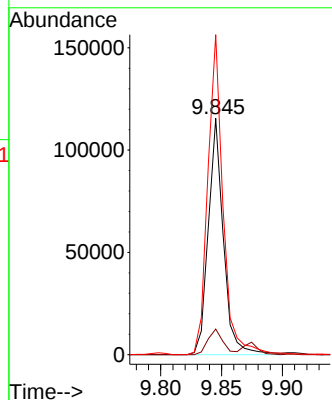
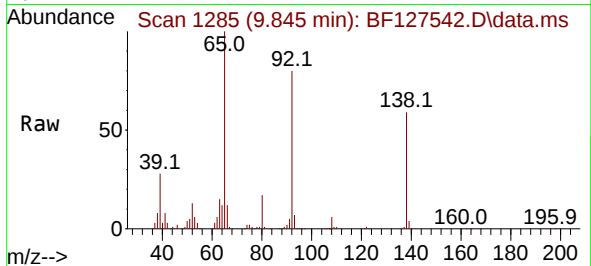




#53
3-Nitroaniline
Concen: 27.039 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

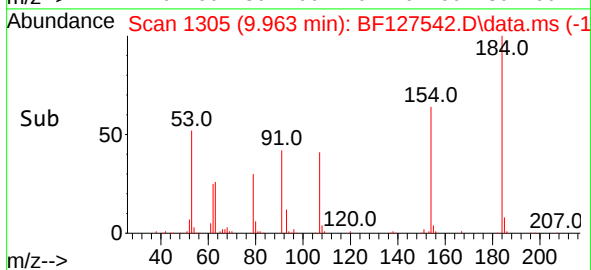
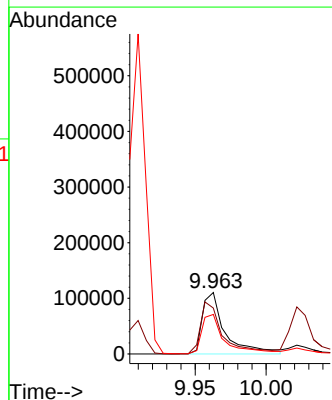
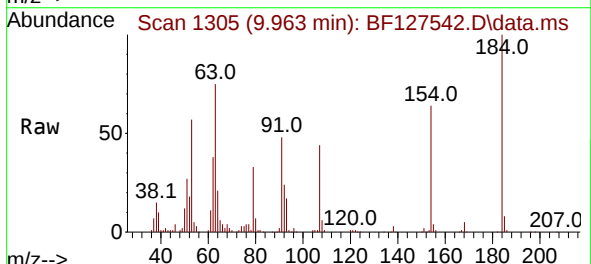
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

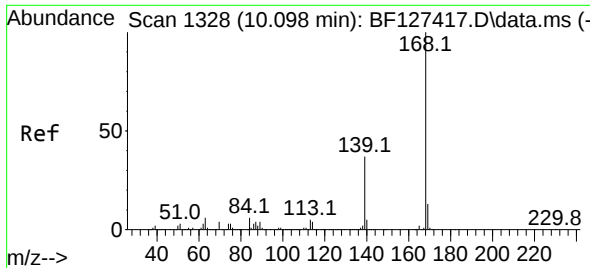
Tgt Ion:138 Resp: 99507
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 135.4 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 73.998 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:184 Resp: 124056
Ion Ratio Lower Upper
184 100
63 74.7 58.1 87.1
154 64.3 53.2 79.8

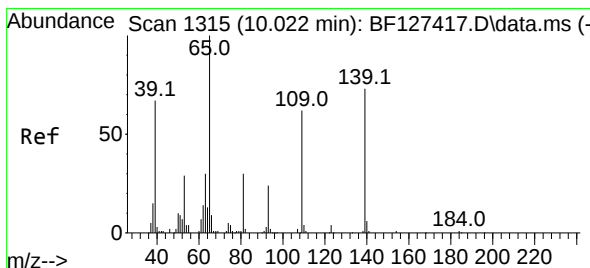
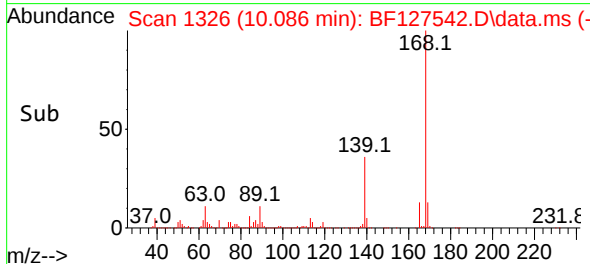
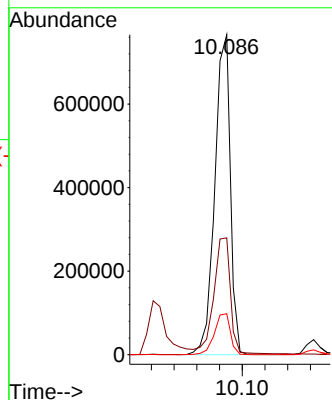
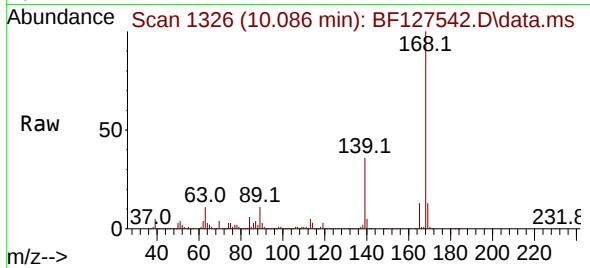




#55
Dibenzenofuran
Concen: 41.628 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

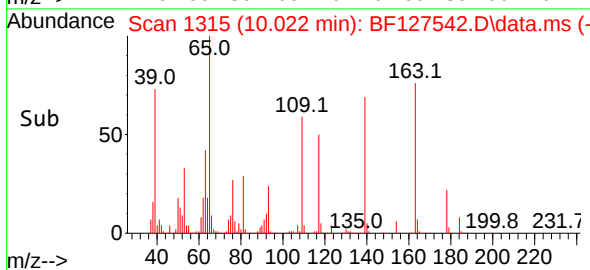
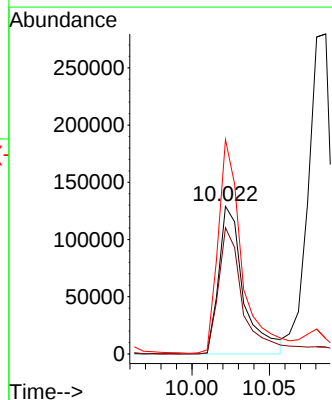
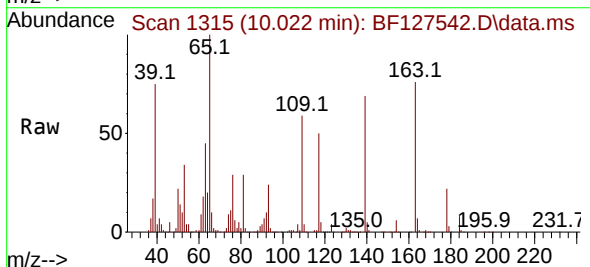
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

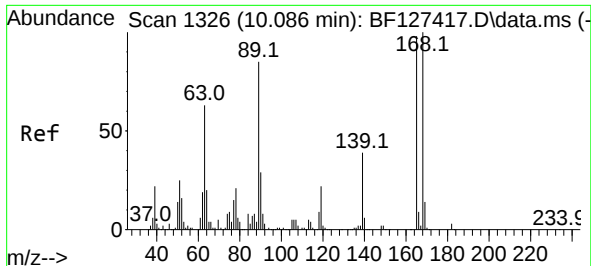
Tgt Ion:168 Resp: 728236
Ion Ratio Lower Upper
168 100
139 36.5 30.3 45.5
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 76.979 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:139 Resp: 144188
Ion Ratio Lower Upper
139 100
109 85.5 64.3 104.3
65 145.2 117.5 157.5

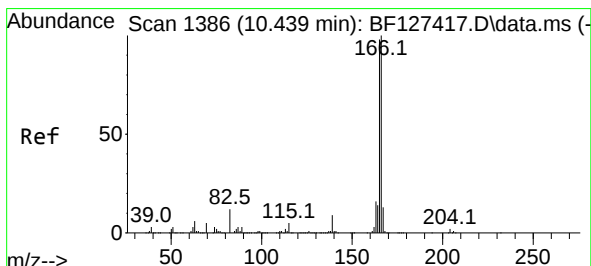
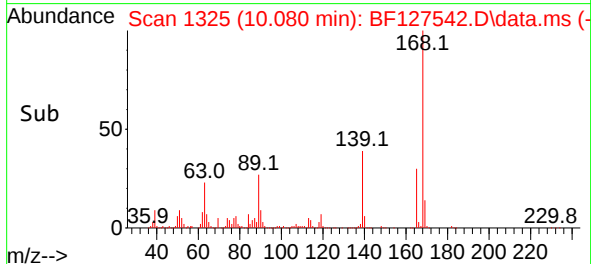
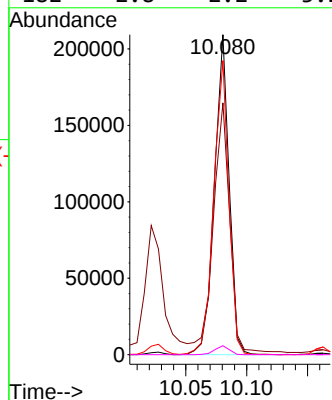
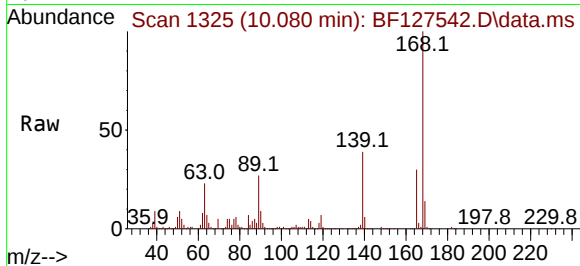




#57
2,4-Dinitrotoluene
Concen: 40.898 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

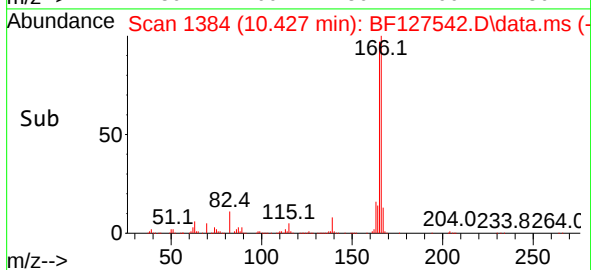
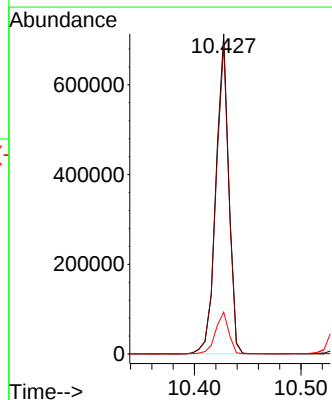
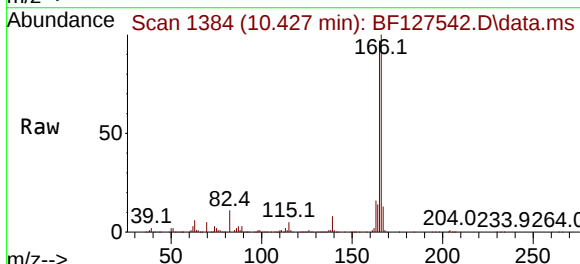
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

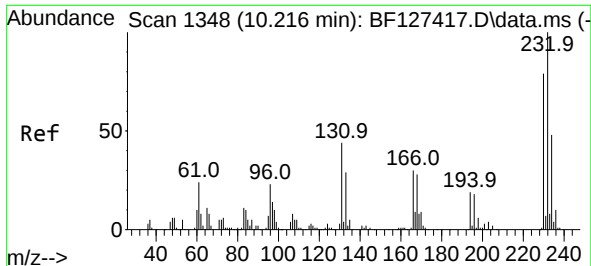
Tgt Ion:165 Resp: 176613
Ion Ratio Lower Upper
165 100
63 78.7 53.1 79.7
89 91.9 69.2 103.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 42.396 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:166 Resp: 593887
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.0 10.5 15.7

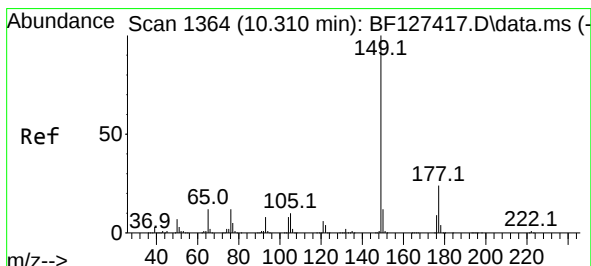
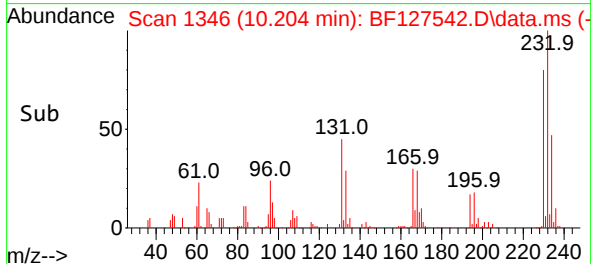
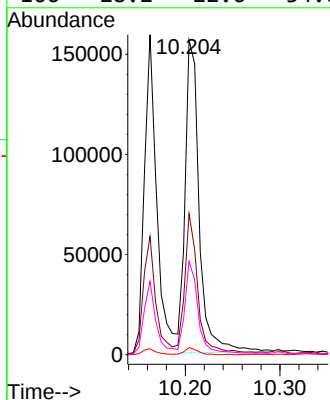
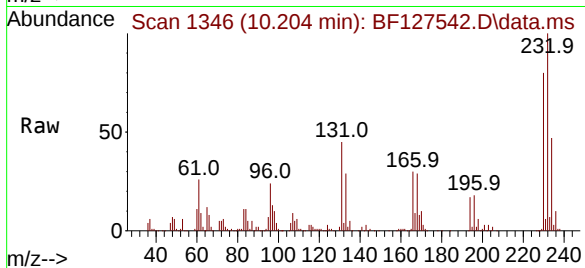




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.827 ng
RT: 10.204 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

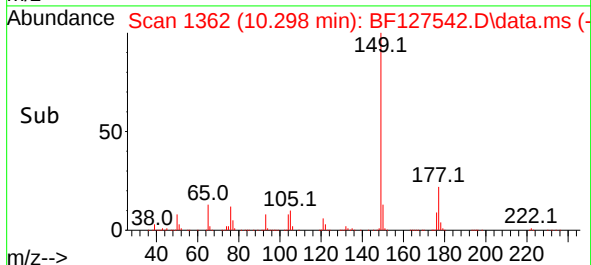
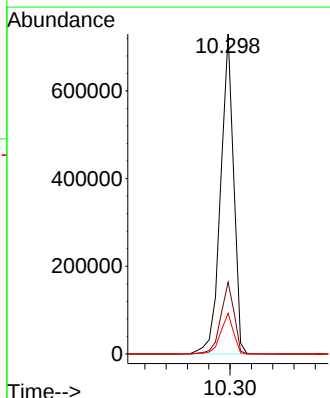
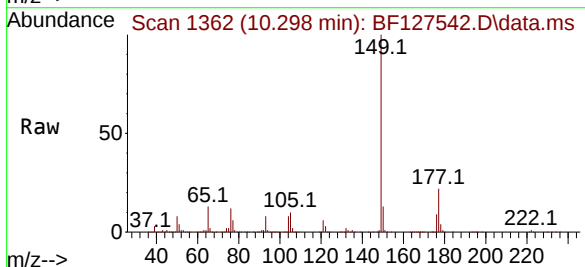
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

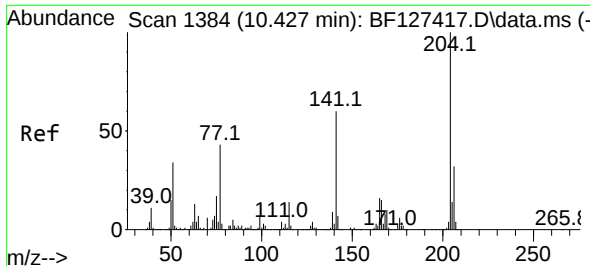
Tgt Ion:232 Resp: 160047
Ion Ratio Lower Upper
232 100
131 40.9 33.4 50.0
130 2.1 1.8 2.6
166 28.2 22.6 34.0



#60
Diethylphthalate
Concen: 42.324 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:149 Resp: 617841
Ion Ratio Lower Upper
149 100
177 22.4 18.9 28.3
150 12.7 10.0 15.0

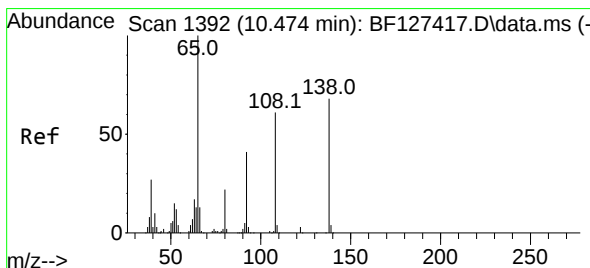
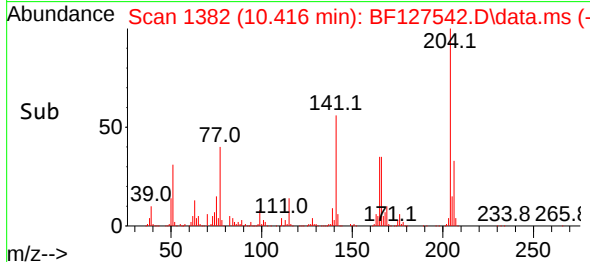
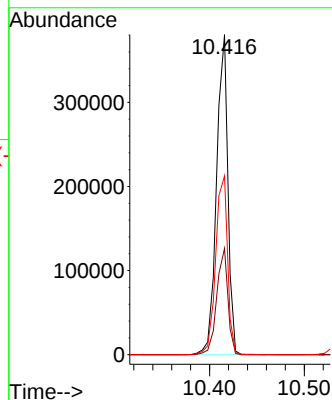
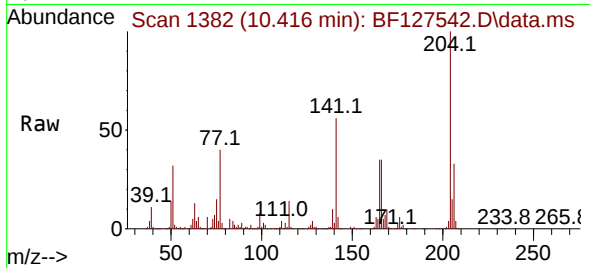




#61
4-Chlorophenyl-phenylether
Concen: 38.168 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

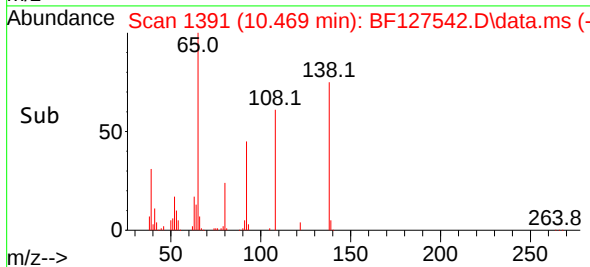
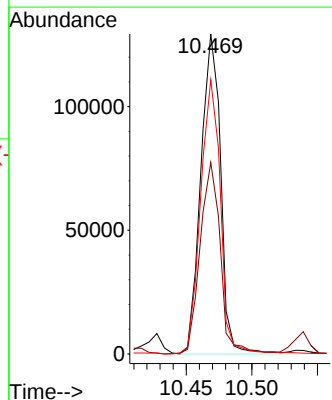
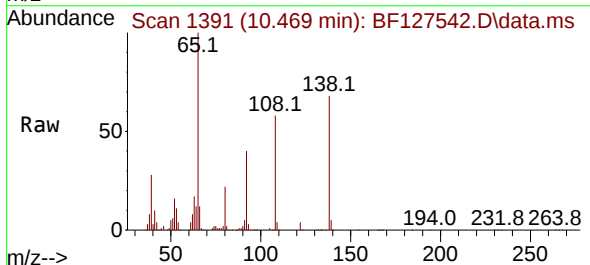
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

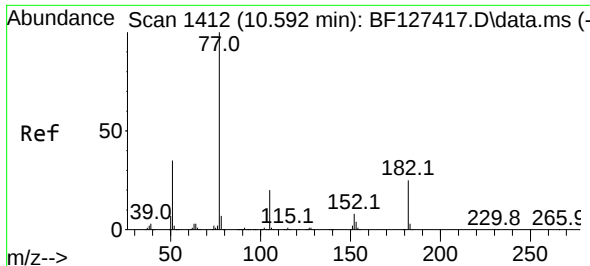
Tgt Ion:204 Resp: 315284
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 55.8 47.8 71.8



#62
4-Nitroaniline
Concen: 39.442 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:138 Resp: 135964
Ion Ratio Lower Upper
138 100
92 59.9 40.5 80.5
108 85.7 69.2 109.2

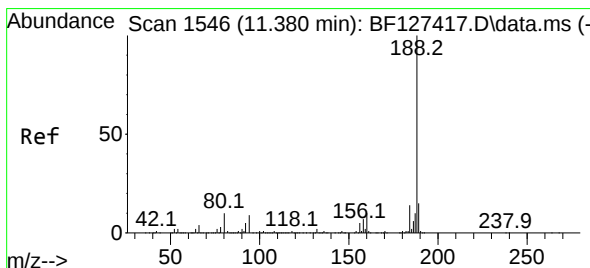
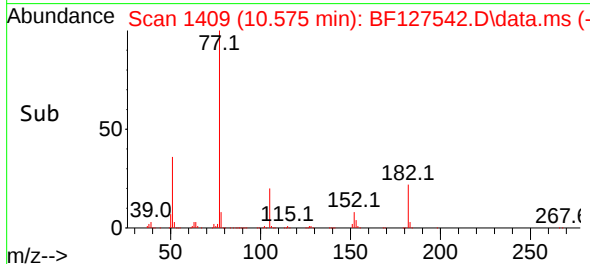
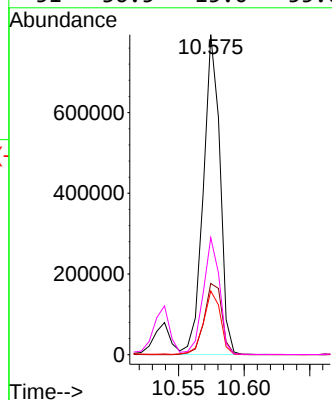
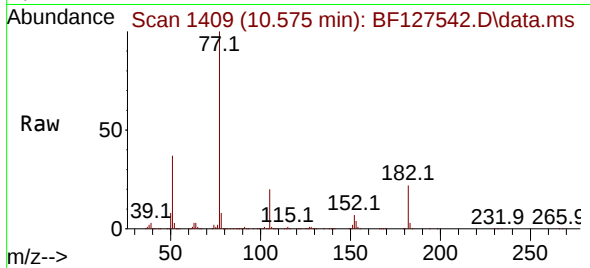




#63
Azobenzene
Concen: 40.677 ng
RT: 10.575 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

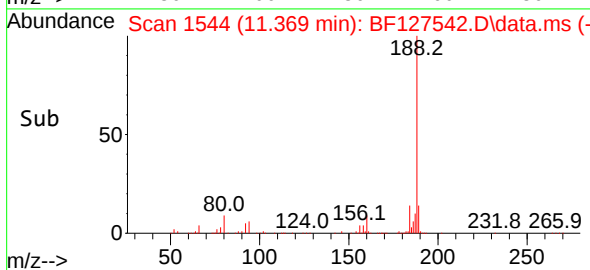
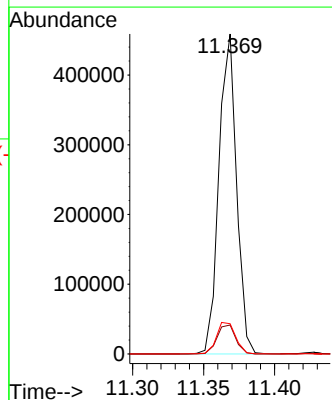
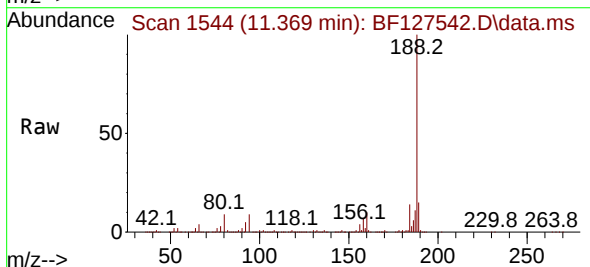
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

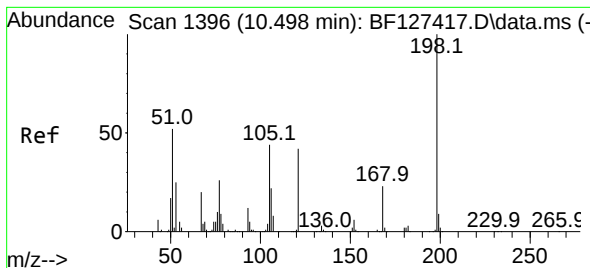
Tgt Ion: 77	Resp: 700658
Ion Ratio	Lower Upper
77 100	
182 22.3	4.5 44.5
105 19.9	0.3 40.3
51 36.5	15.0 55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:188	Resp: 394952		
Ion Ratio	Lower	Upper	
188 100			
94 9.0	7.4	11.0	
80 9.4	8.0	12.0	

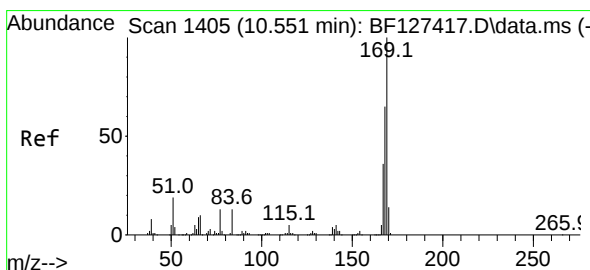
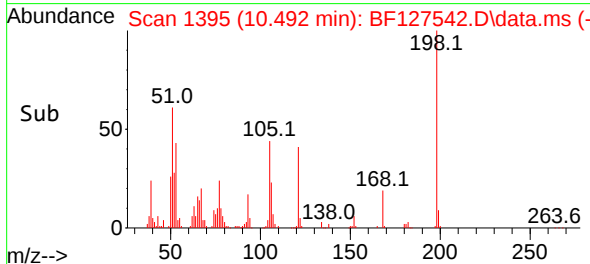
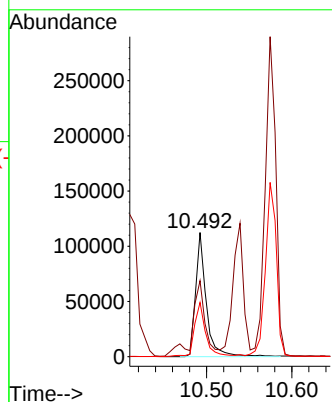
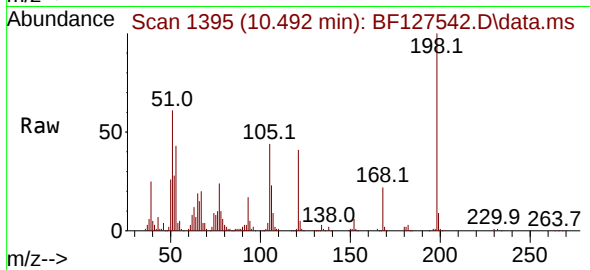




#65
4,6-Dinitro-2-methylphenol
Concen: 40.257 ng
RT: 10.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

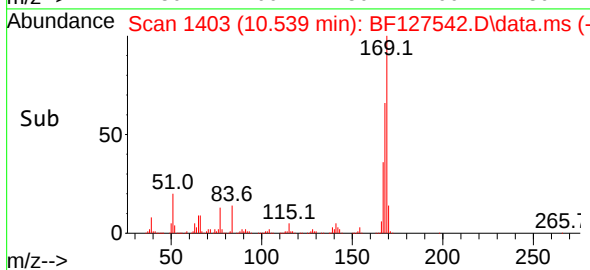
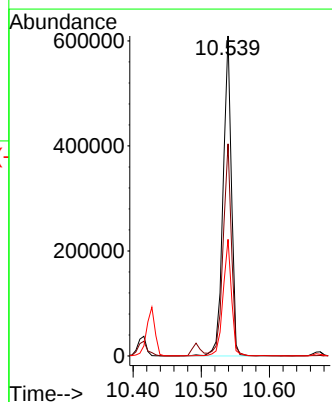
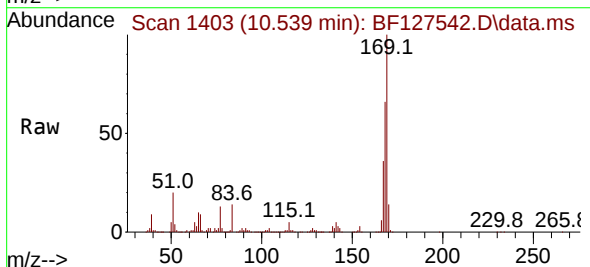
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

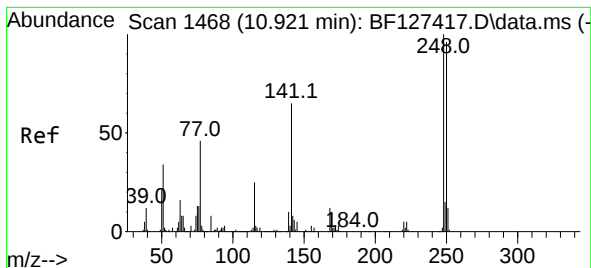
Tgt Ion:198 Resp: 97834
Ion Ratio Lower Upper
198 100
51 61.2 42.7 82.7
105 43.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 43.106 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:169 Resp: 518250
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 36.4 28.9 43.3

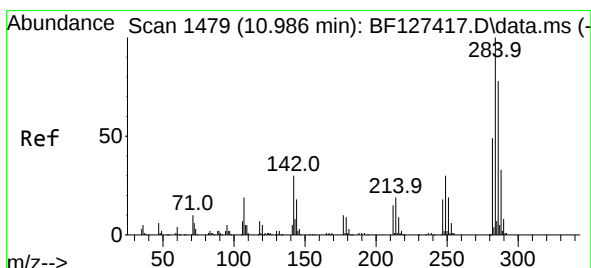
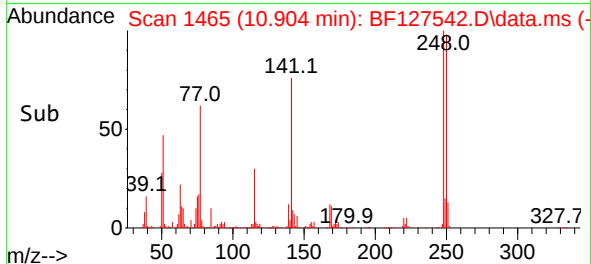
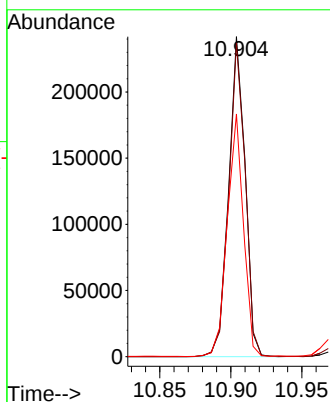
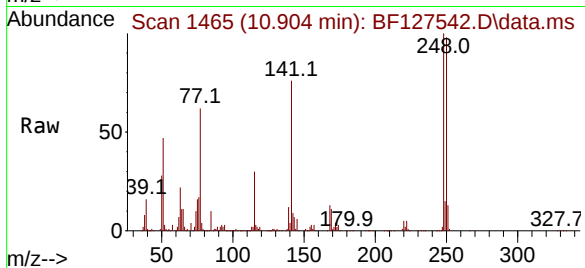




#67
4-Bromophenyl-phenylether
Concen: 42.269 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

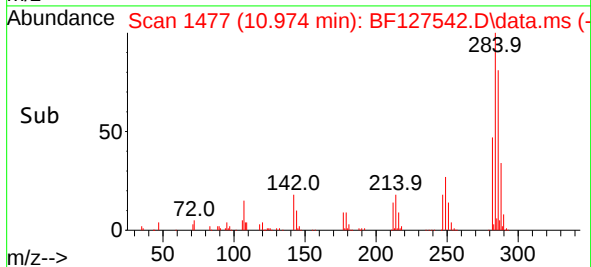
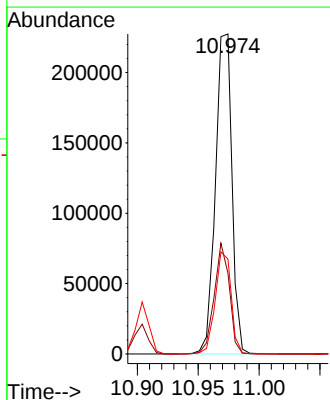
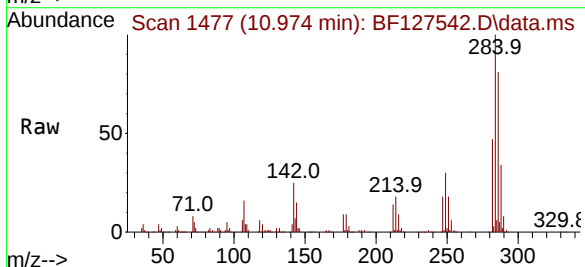
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

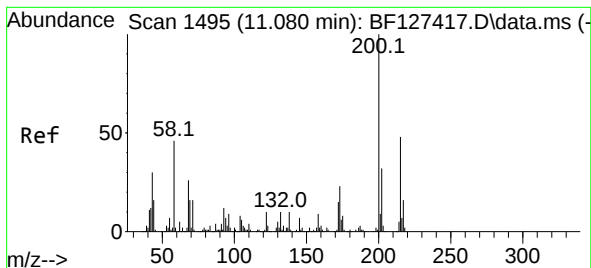
Tgt Ion:248 Resp: 194906
Ion Ratio Lower Upper
248 100
250 98.0 76.6 115.0
141 75.9 52.2 78.2



#68
Hexachlorobenzene
Concen: 42.857 ng
RT: 10.974 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:284 Resp: 215715
Ion Ratio Lower Upper
284 100
142 25.2 23.8 35.8
249 29.7 23.9 35.9





#69

Atrazine

Concen: 48.395 ng

RT: 11.069 min Scan# 1495

Delta R.T. 0.006 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

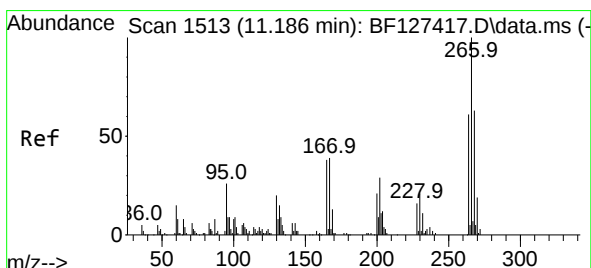
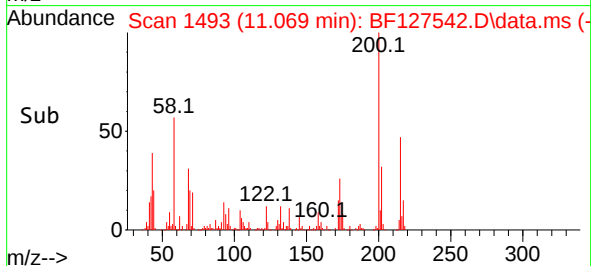
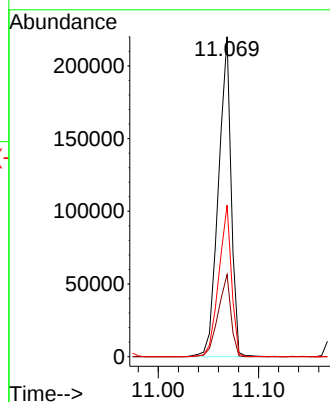
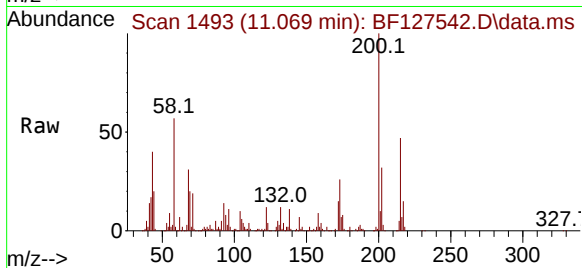
Tgt Ion:200 Resp: 193699

Ion Ratio Lower Upper

200 100

173 25.7 2.9 42.9

215 47.3 28.0 68.0



#70

Pentachlorophenol

Concen: 81.308 ng

RT: 11.174 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

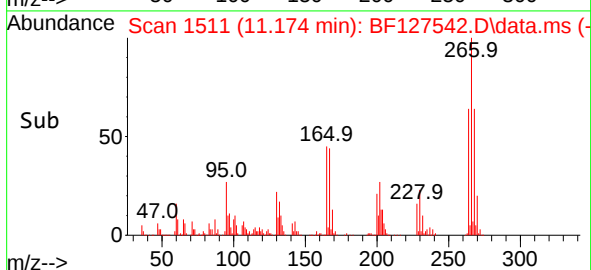
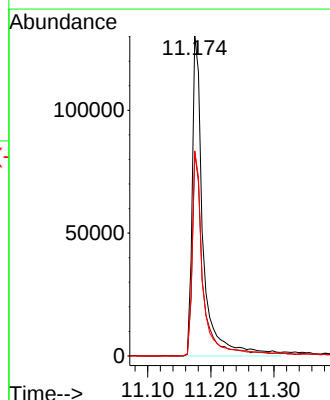
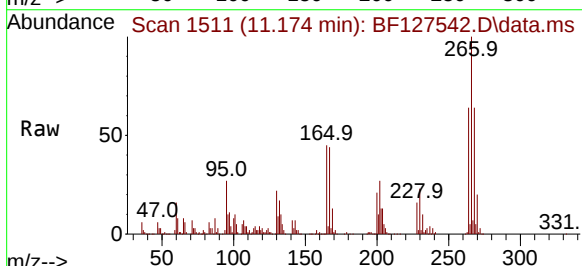
Tgt Ion:266 Resp: 158243

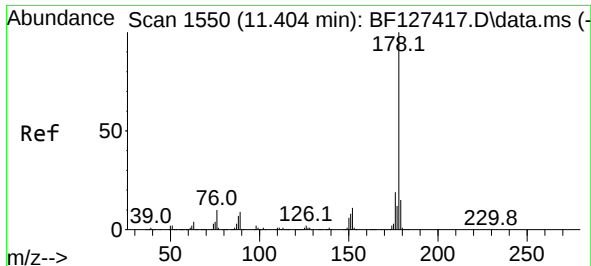
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 64.1 48.5 72.7

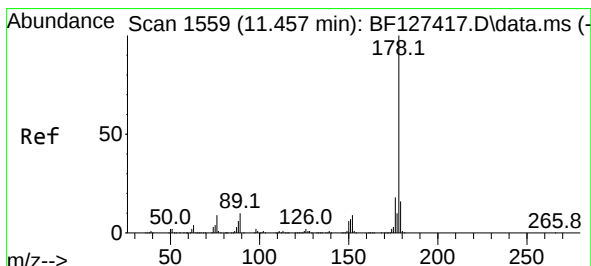
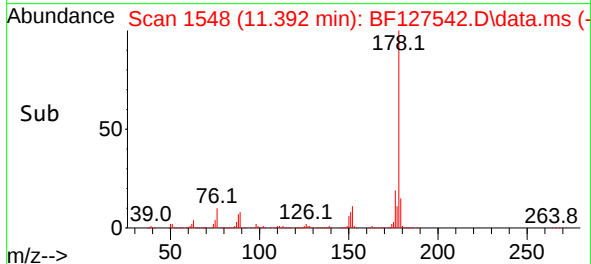
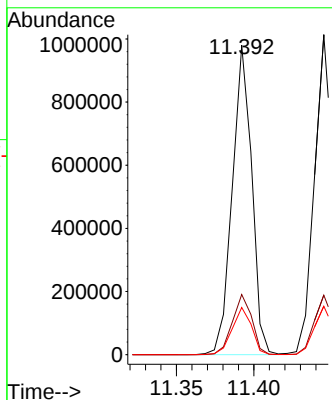
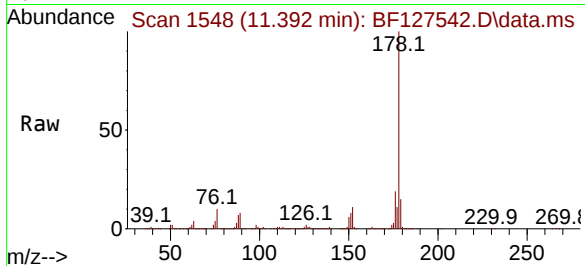




#71
Phenanthrene
Concen: 41.560 ng
RT: 11.392 min Scan# 11548
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

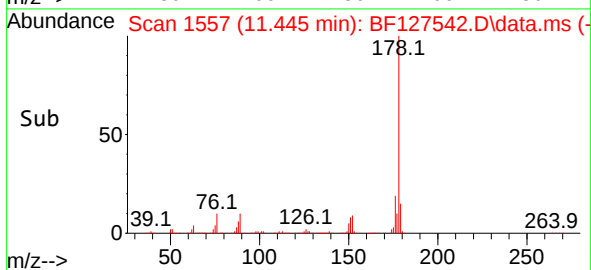
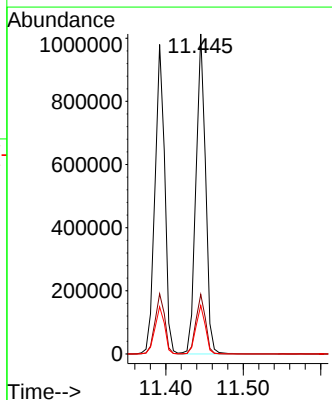
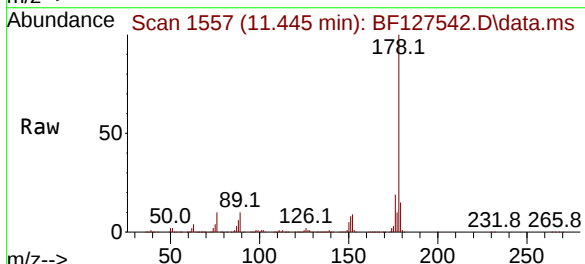
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

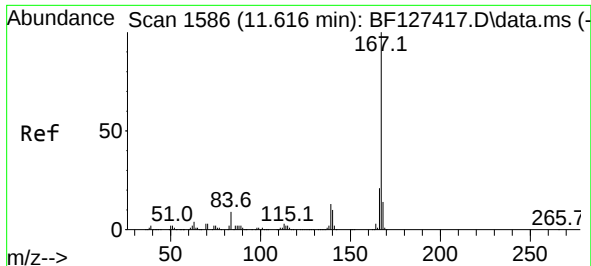
Tgt Ion:178 Resp: 855735
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.4 18.6



#72
Anthracene
Concen: 42.630 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:178 Resp: 871062
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.1 12.4 18.6

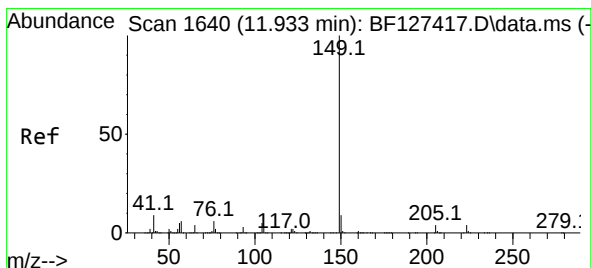
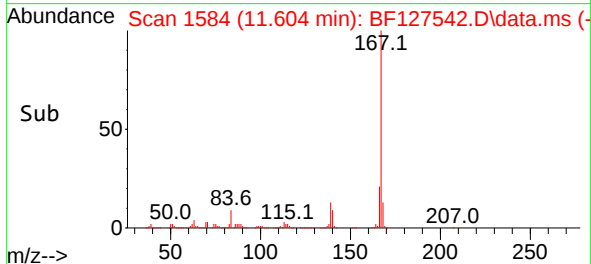
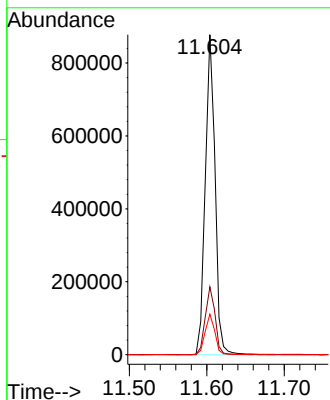
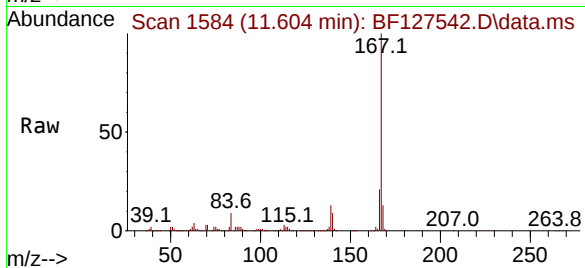




#73
Carbazole
Concen: 39.351 ng
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

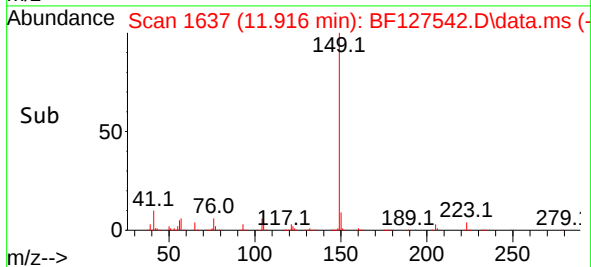
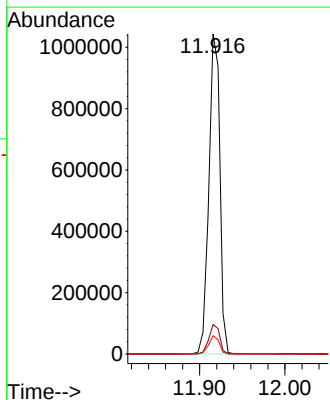
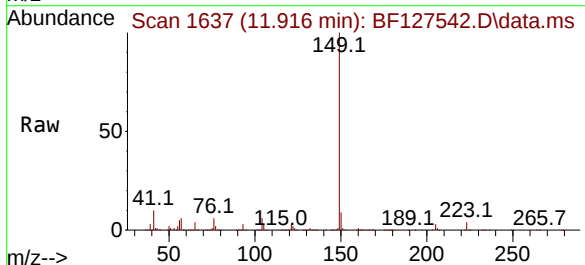
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

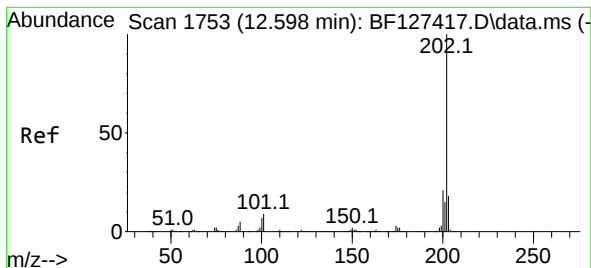
Tgt Ion:167 Resp: 768949
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.6 10.5 15.7



#74
Di-n-butylphthalate
Concen: 46.165 ng
RT: 11.916 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:149 Resp: 933766
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.7 4.2 6.2





#75

Fluoranthene

Concen: 40.999 ng

RT: 12.586 min Scan# 1751

Delta R.T. 0.006 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

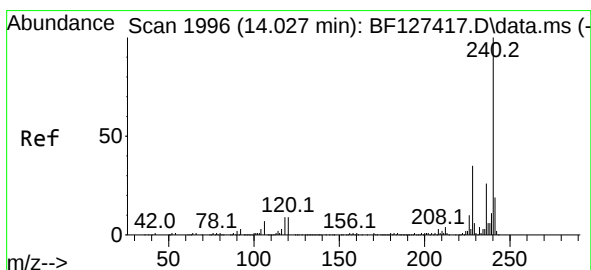
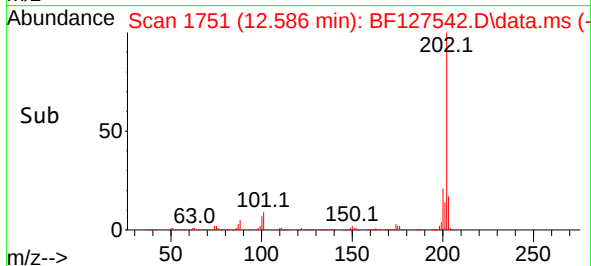
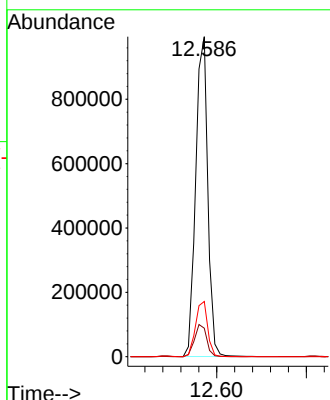
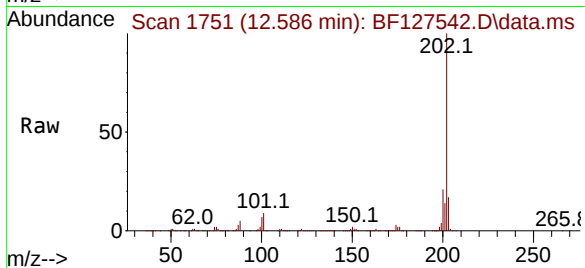
Tgt Ion:202 Resp: 928528

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.0

203 17.2 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

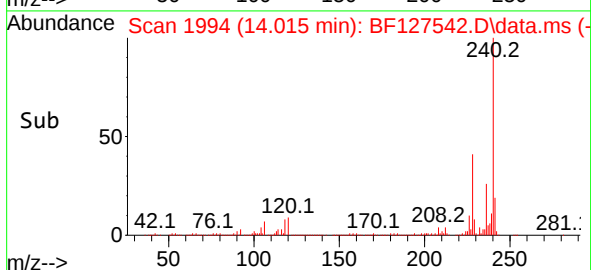
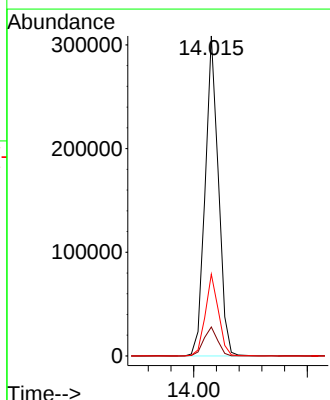
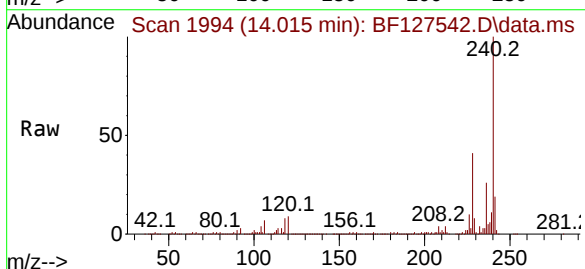
Tgt Ion:240 Resp: 249701

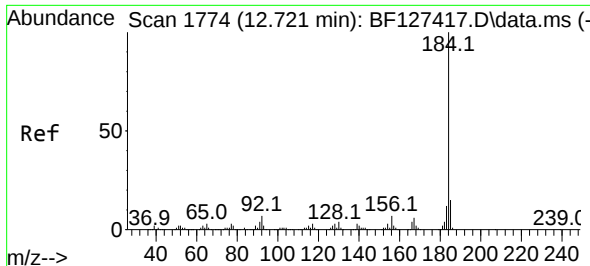
Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

236 25.6 20.7 31.1

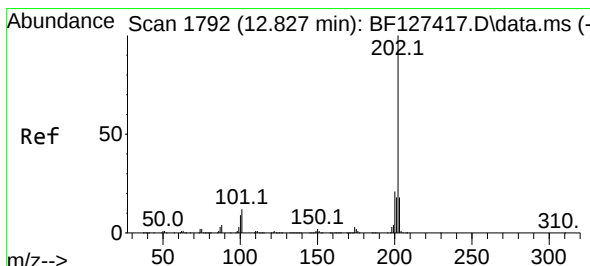
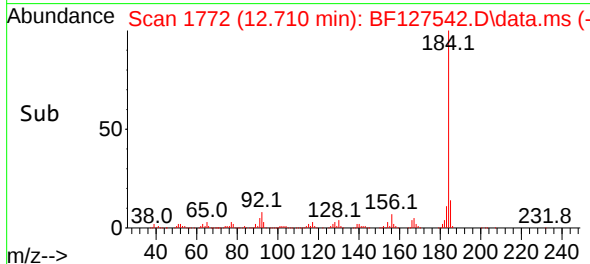
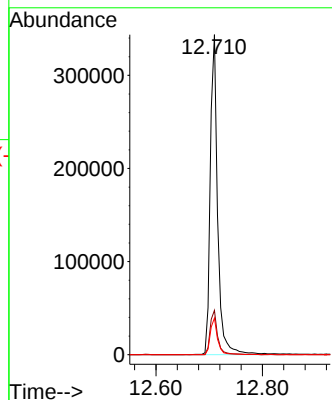
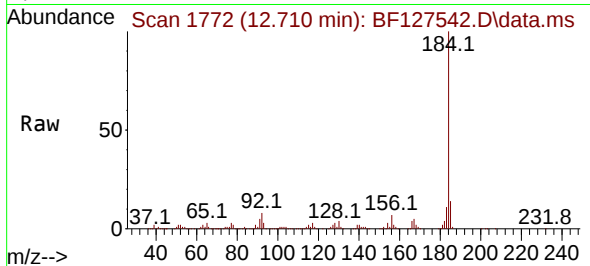




#77
Benzidine
Concen: 55.450 ng
RT: 12.710 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

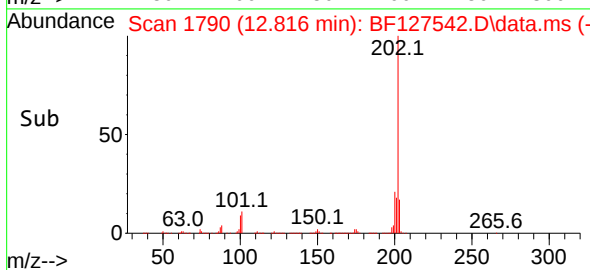
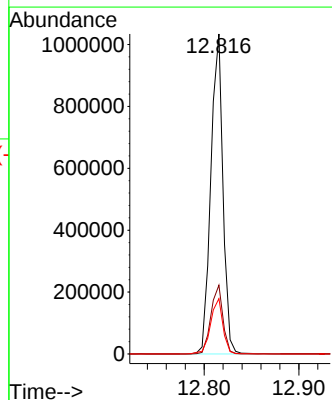
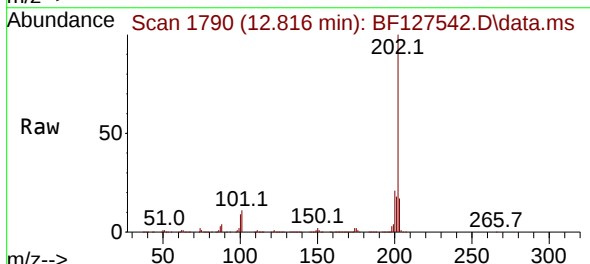
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

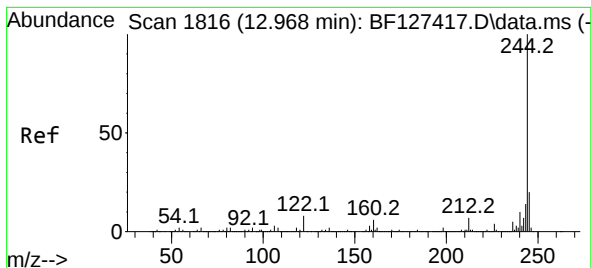
Tgt Ion:184 Resp: 330144
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 11.5 9.4 14.0



#78
Pyrene
Concen: 42.483 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:202 Resp: 910417
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 81.094 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

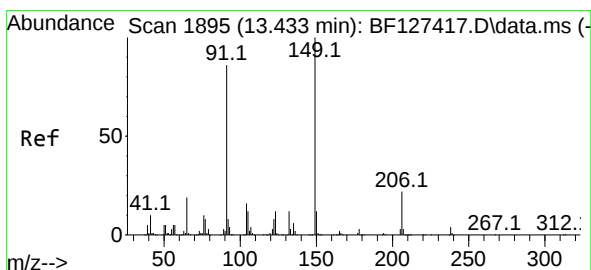
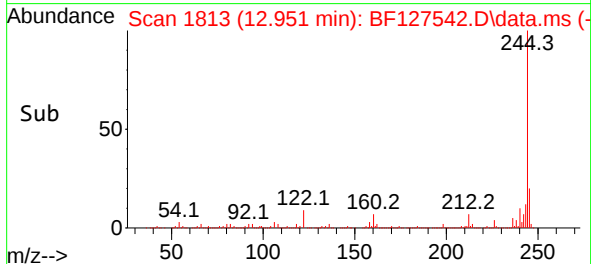
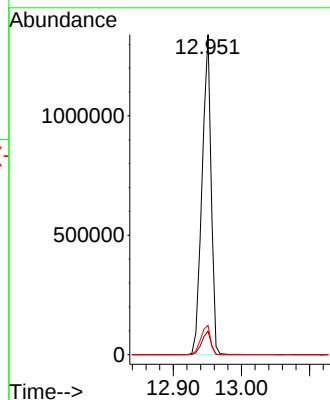
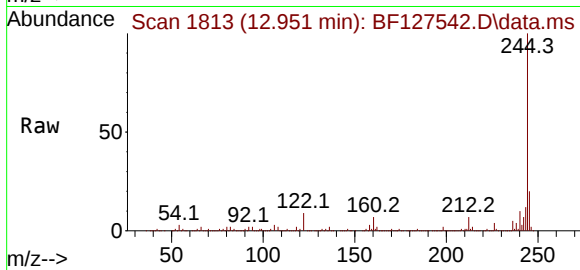
Tgt Ion:244 Resp: 1236955

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 9.2 6.2 9.2



#80

Butylbenzylphthalate

Concen: 49.438 ng

RT: 13.421 min Scan# 1893

Delta R.T. 0.006 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

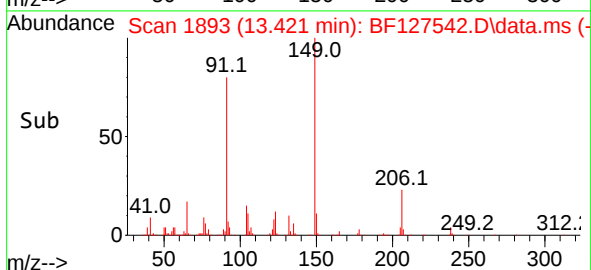
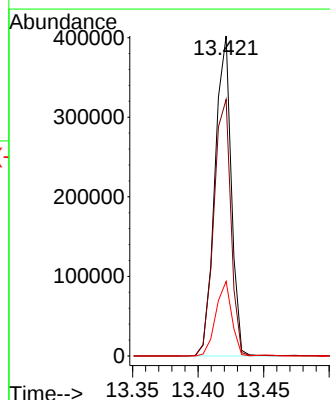
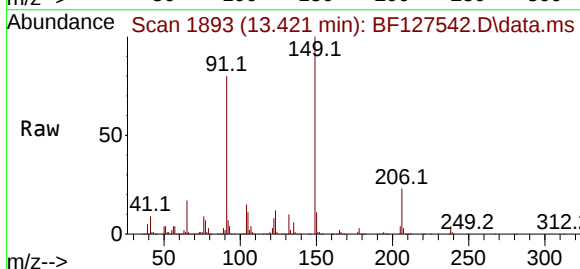
Tgt Ion:149 Resp: 348692

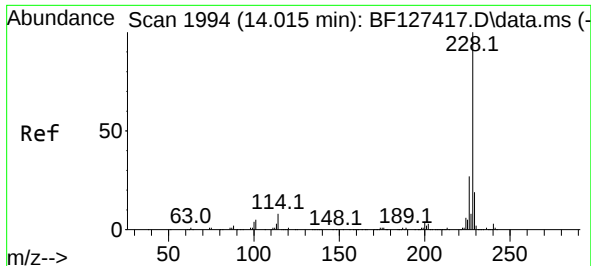
Ion Ratio Lower Upper

149 100

91 80.1 69.1 103.7

206 23.3 17.7 26.5

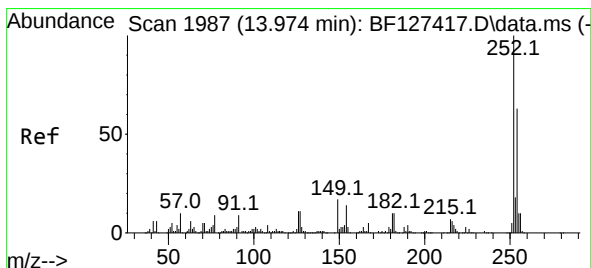
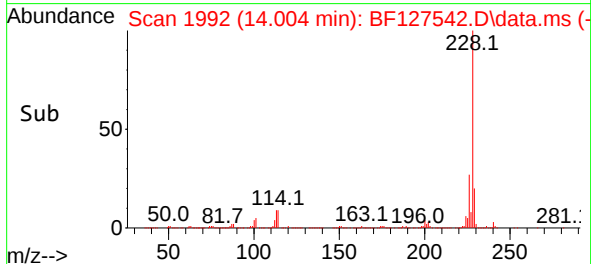
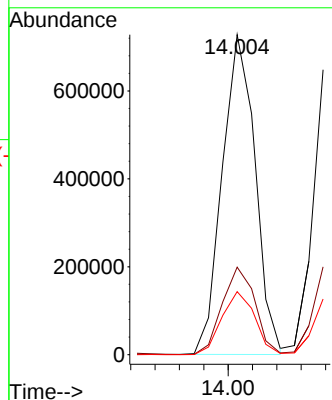
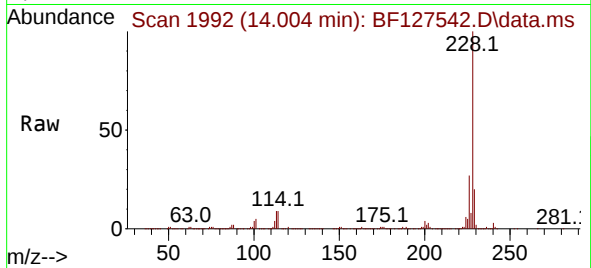




#81
Benzo(a)anthracene
Concen: 40.948 ng
RT: 14.004 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

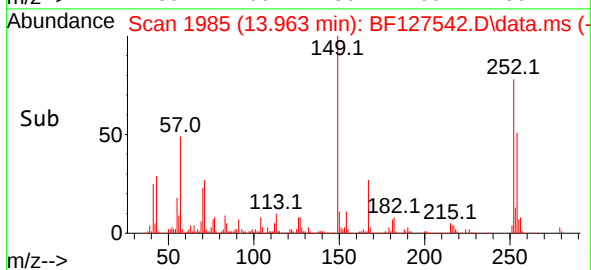
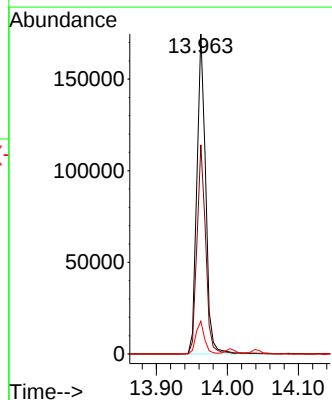
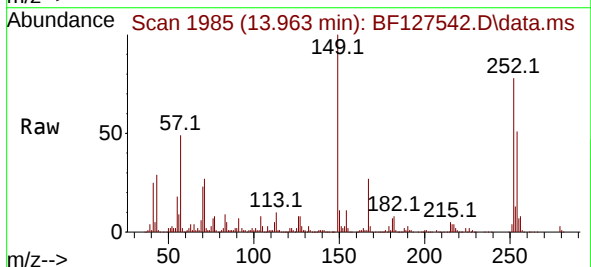
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

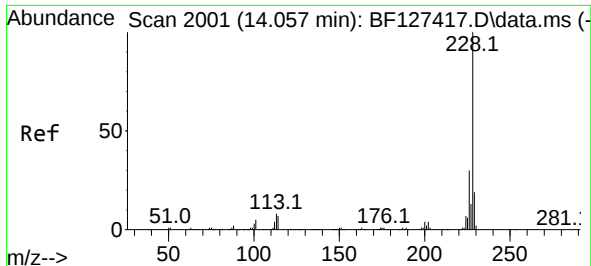
Tgt Ion:228 Resp: 683770
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.7 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 30.818 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:252 Resp: 151245
Ion Ratio Lower Upper
252 100
254 65.4 50.2 75.4
126 10.3 8.7 13.1

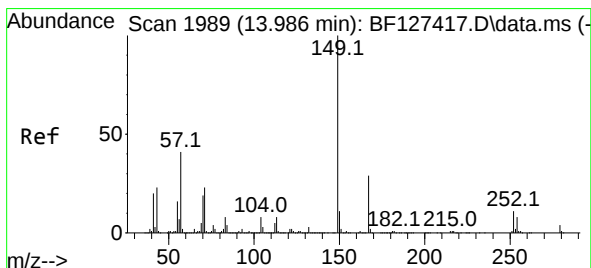
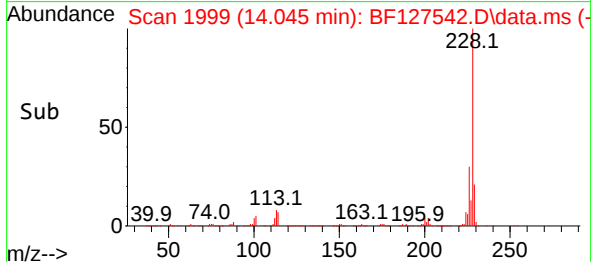
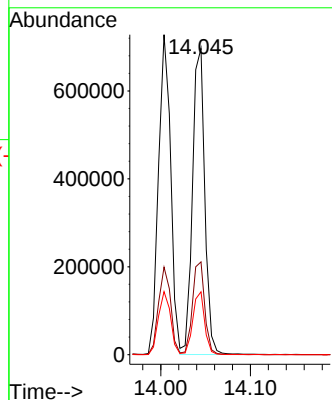
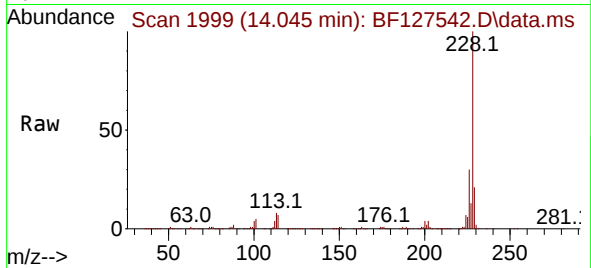




#83
Chrysene
Concen: 41.919 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

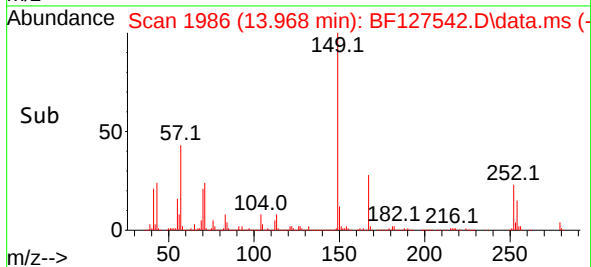
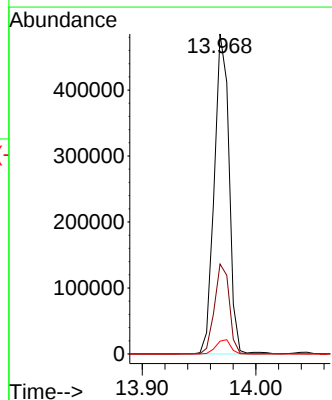
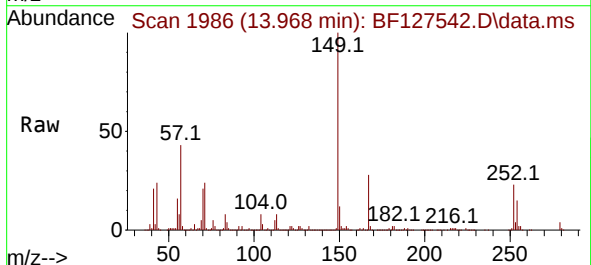
Instrument :
BNA_F
ClientSampleId :
PB143603BSD

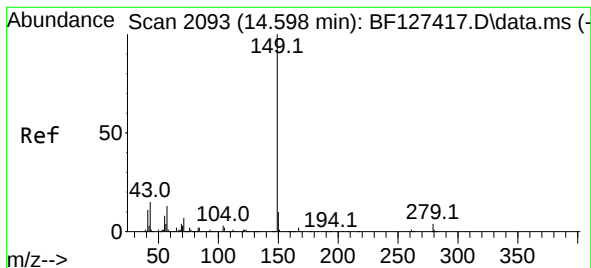
Tgt Ion:228 Resp: 662857
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.5 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.870 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF127542.D
Acq: 28 Mar 2022 15:15

Tgt Ion:149 Resp: 439204
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 61.830 ng

RT: 14.586 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

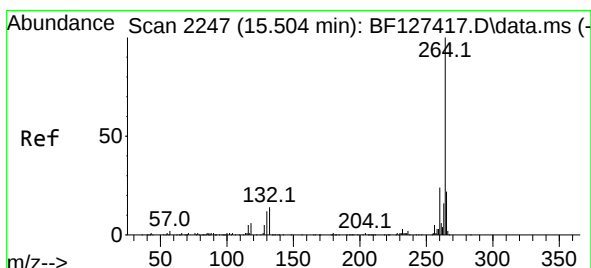
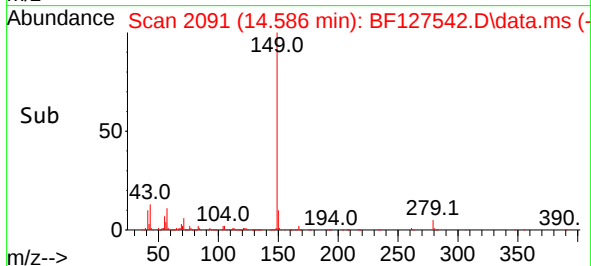
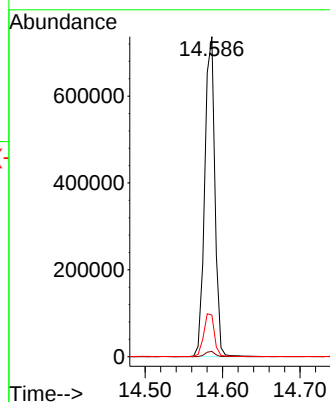
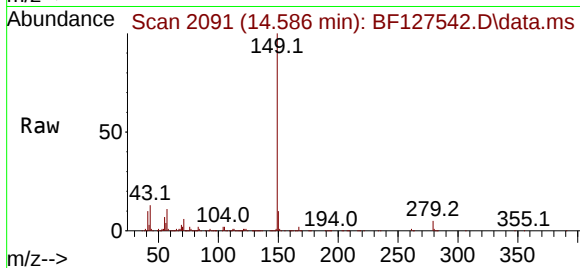
Tgt Ion:149 Resp: 670819

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 14.1 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

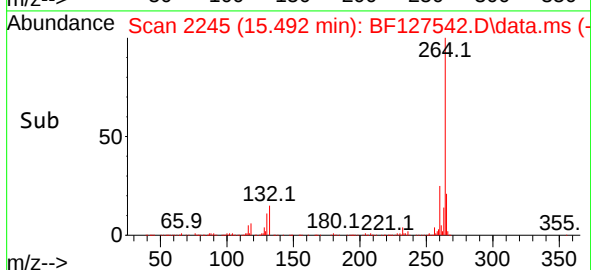
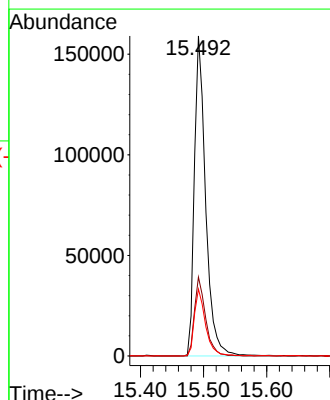
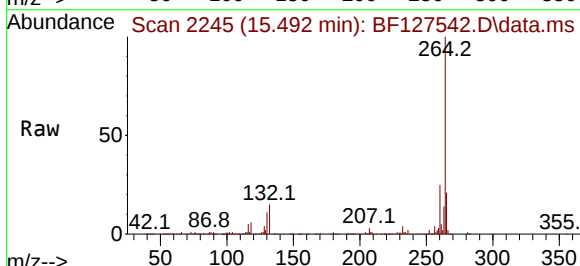
Tgt Ion:264 Resp: 197717

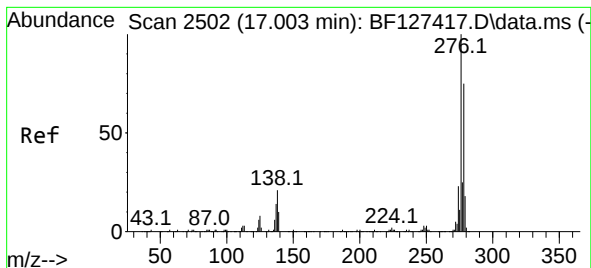
Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 20.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.866 ng

RT: 16.992 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

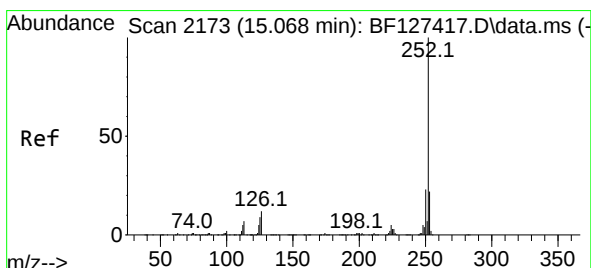
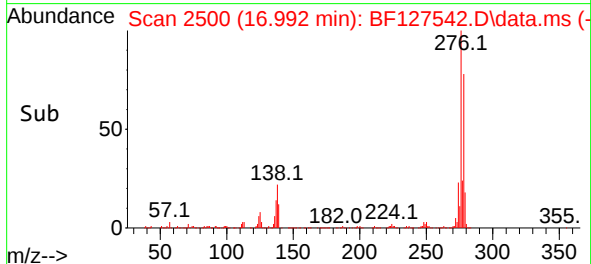
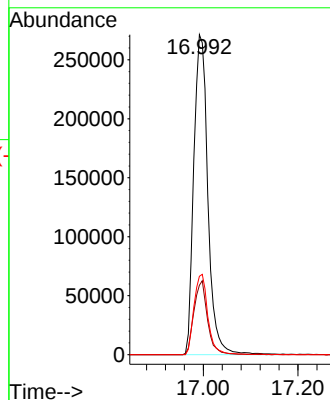
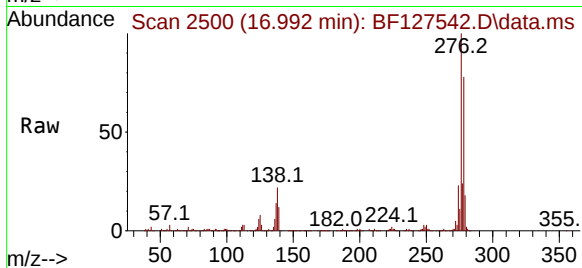
Tgt Ion:276 Resp: 560112

Ion Ratio Lower Upper

276 100

138 22.2 17.1 25.7

277 24.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 45.267 ng

RT: 15.057 min Scan# 2171

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

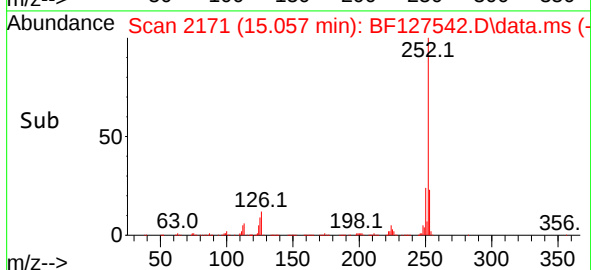
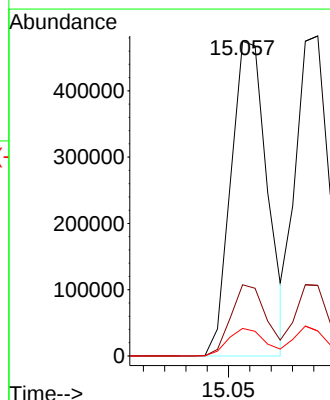
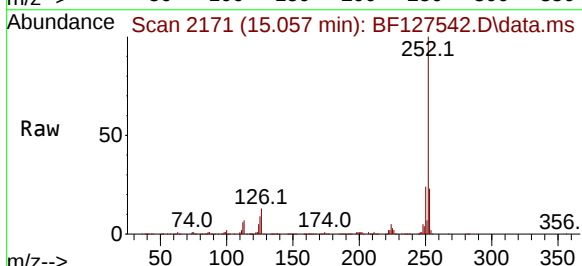
Tgt Ion:252 Resp: 564322

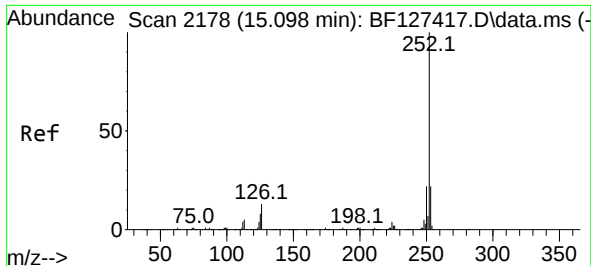
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 42.990 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

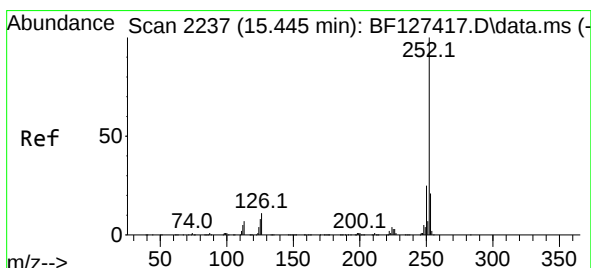
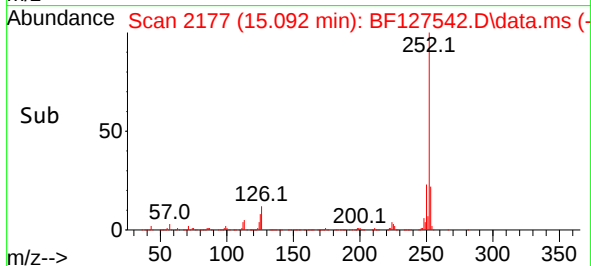
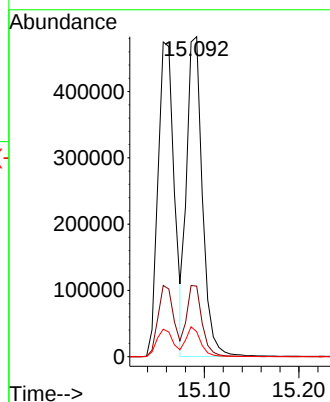
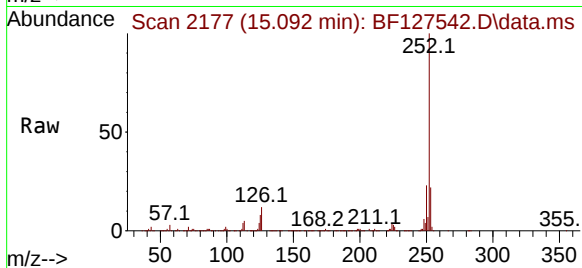
Tgt Ion:252 Resp: 555586

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.8 6.9 10.3



#90

Benzo(a)pyrene

Concen: 52.694 ng

RT: 15.433 min Scan# 2235

Delta R.T. 0.006 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

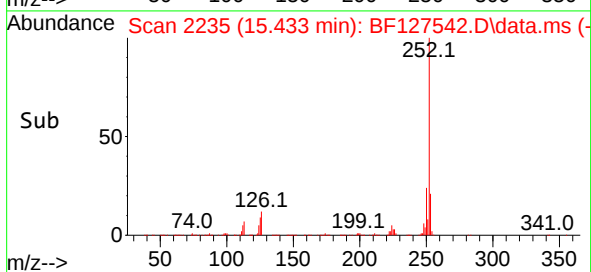
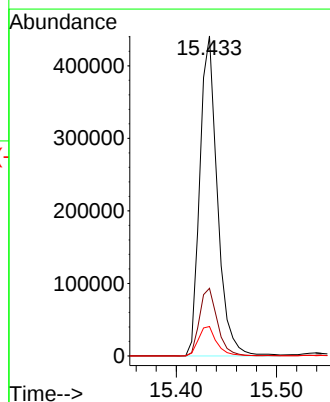
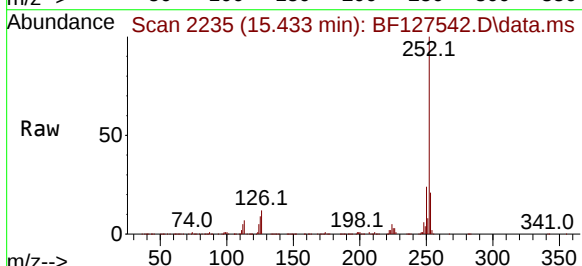
Tgt Ion:252 Resp: 539120

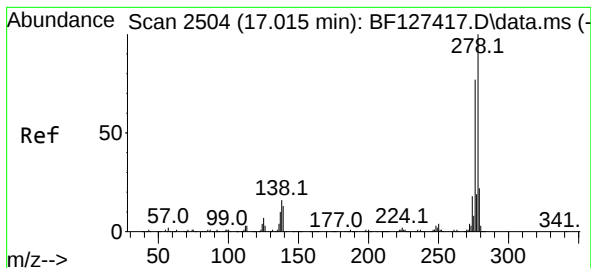
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 9.2 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 43.924 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB143603BSD

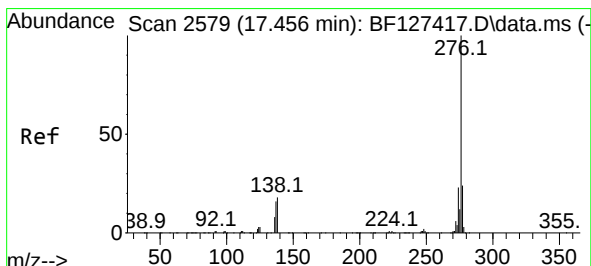
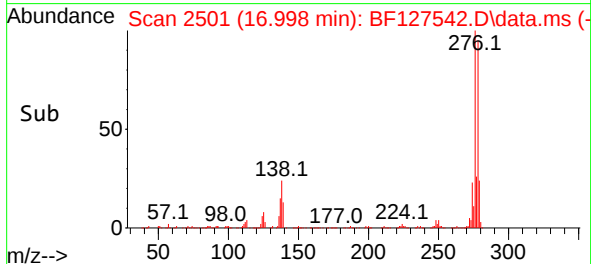
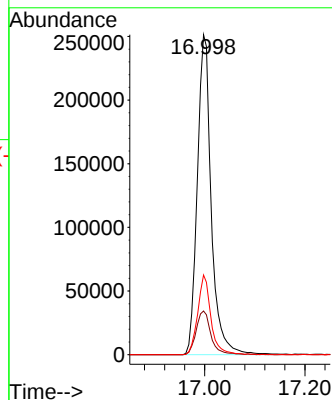
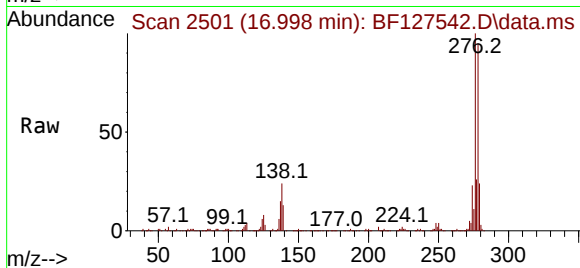
Tgt Ion:278 Resp: 485170

Ion Ratio Lower Upper

278 100

139 13.7 10.8 16.2

279 24.9 17.7 26.5



#92

Benzo(g,h,i)perylene

Concen: 42.433 ng

RT: 17.445 min Scan# 2577

Delta R.T. 0.000 min

Lab File: BF127542.D

Acq: 28 Mar 2022 15:15

Tgt Ion:276 Resp: 484459

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 19.3 14.6 22.0

