

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127582.D
 Acq On : 30 Mar 2022 12:26
 Operator : CG\JU
 Sample : PB143716BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143716BS

Quant Time: Mar 30 16:31:46 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	100581	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	368457	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	214100	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	365688	20.000	ng	0.00
76) Chrysene-d12	14.015	240	241618	20.000	ng	0.00
86) Perylene-d12	15.498	264	190260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	705677	111.991	ng	0.01
7) Phenol-d6	6.481	99	933119	108.335	ng	0.00
23) Nitrobenzene-d5	7.404	82	648902	75.281	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	242571	106.358	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1074657	73.295	ng	0.00
79) Terphenyl-d14	12.951	244	1139358	77.194	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	104667	37.820	ng	96
3) Pyridine	3.446	79	247863	31.732	ng	94
4) n-Nitrosodimethylamine	3.398	42	181050	42.215	ng	100
6) Aniline	6.504	93	328790	31.988	ng	# 89
8) 2-Chlorophenol	6.628	128	285886	44.398	ng	98
9) Benzaldehyde	6.392	77	177557	40.288	ng	97
10) Phenol	6.492	94	385930	41.143	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	306051	44.590	ng	99
12) 1,3-Dichlorobenzene	6.775	146	289997	40.041	ng	96
13) 1,4-Dichlorobenzene	6.851	146	296825	40.744	ng	99
14) 1,2-Dichlorobenzene	7.004	146	278381	39.234	ng	100
15) Benzyl Alcohol	6.986	79	275121	43.952	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	522162	42.277	ng	61
17) 2-Methylphenol	7.098	107	229941	42.313	ng	# 93
18) Hexachloroethane	7.339	117	113185	42.438	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	216394	41.913	ng	100
20) 3+4-Methylphenols	7.251	107	283299	42.266	ng	94
22) Acetophenone	7.251	105	376390	39.962	ng	98
24) Nitrobenzene	7.428	77	343664	41.806	ng	97
25) Isophorone	7.657	82	624014	45.453	ng	99
26) 2-Nitrophenol	7.739	139	145112	42.090	ng	96
27) 2,4-Dimethylphenol	7.775	122	250745	48.349	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	378044	42.390	ng	100
29) 2,4-Dichlorophenol	7.986	162	248238	42.164	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	269000	39.210	ng	98
31) Naphthalene	8.139	128	801757	40.986	ng	99
32) Benzoic acid	7.939	122	114301	39.564	ng	91
33) 4-Chloroaniline	8.198	127	126893	16.740	ng	97
34) Hexachlorobutadiene	8.245	225	168386	38.652	ng	99
35) Caprolactam	8.580	113	48259	26.589	ng	99
36) 4-Chloro-3-methylphenol	8.692	107	272516	42.662	ng	99
37) 2-Methylnaphthalene	8.833	142	530802	42.199	ng	100
38) 1-Methylnaphthalene	8.928	142	498585	40.086	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	273824	40.224	ng	99
41) Hexachlorocyclopentadiene	8.975	237	141203	66.165	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	166942	40.570	ng	97

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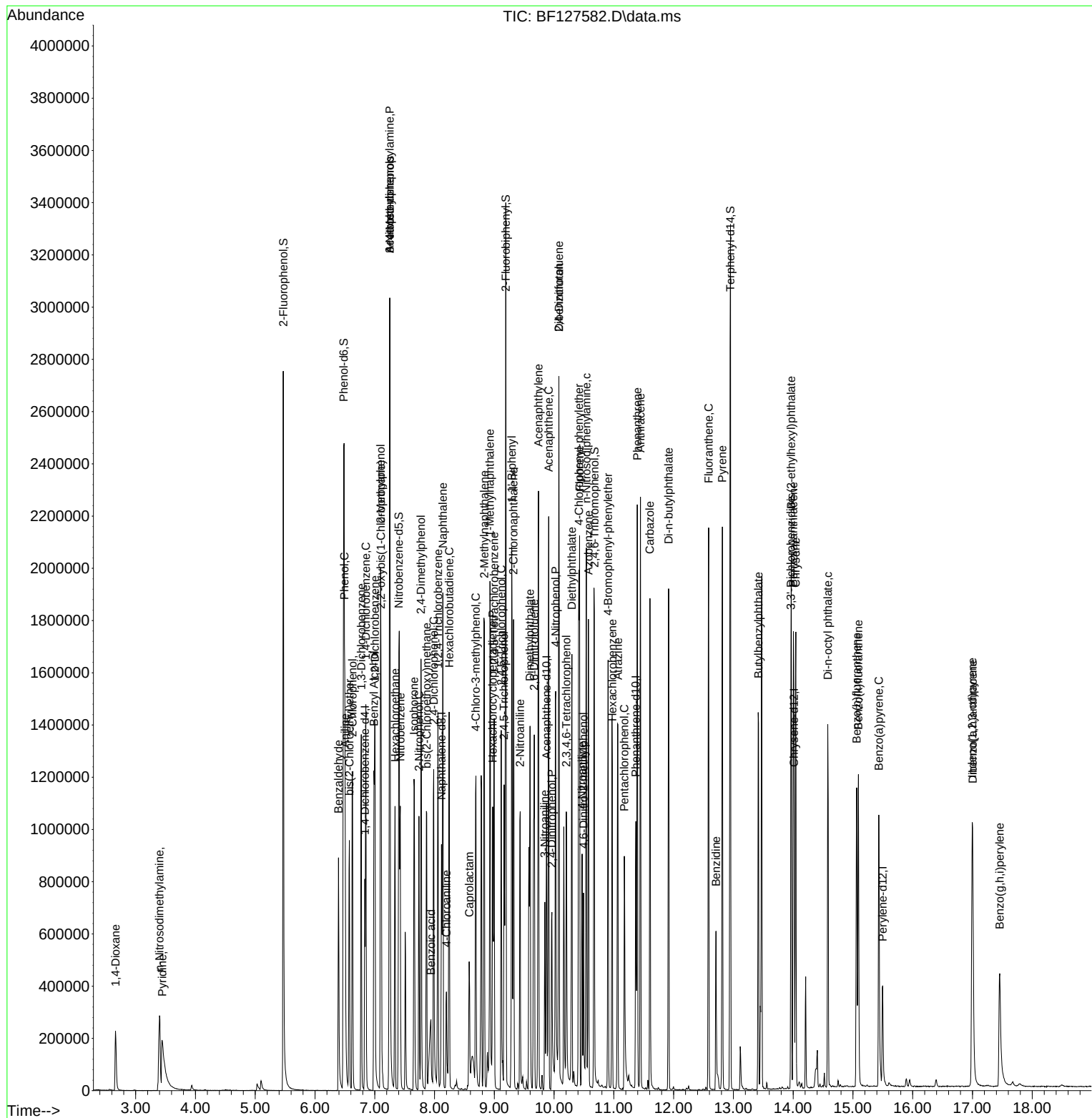
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	174059	41.092	ng	99
46) 1,1'-Biphenyl	9.292	154	644064	39.830	ng	99
47) 2-Chloronaphthalene	9.322	162	509340	40.000	ng	98
48) 2-Nitroaniline	9.433	65	202401	41.474	ng	94
49) Acenaphthylene	9.739	152	782588	40.653	ng	100
50) Dimethylphthalate	9.598	163	607529	40.789	ng	99
51) 2,6-Dinitrotoluene	9.669	165	132726	42.451	ng	95
52) Acenaphthene	9.910	154	452559	40.293	ng	98
53) 3-Nitroaniline	9.845	138	86968	25.358	ng	98
54) 2,4-Dinitrophenol	9.963	184	102343	66.504	ng	95
55) Dibenzofuran	10.080	168	662330	40.540	ng	100
56) 4-Nitrophenol	10.027	139	120220	68.871	ng	95
57) 2,4-Dinitrotoluene	10.080	165	160312	39.835	ng	# 91
58) Fluorene	10.427	166	539988	41.301	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	145106	38.746	ng	98
60) Diethylphthalate	10.298	149	550241	40.446	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	286939	37.274	ng	95
62) 4-Nitroaniline	10.469	138	124372	38.715	ng	98
63) Azobenzene	10.574	77	641828	39.984	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	87094	38.706	ng	98
66) n-Nitrosodiphenylamine	10.539	169	467937	42.036	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	176763	41.402	ng	96
68) Hexachlorobenzene	10.974	284	192099	41.220	ng	96
69) Atrazine	11.069	200	179696	48.490	ng	97
70) Pentachlorophenol	11.174	266	131717	73.775	ng	98
71) Phenanthrene	11.392	178	785922	41.224	ng	99
72) Anthracene	11.445	178	802268	42.405	ng	99
73) Carbazole	11.604	167	716687	39.611	ng	99
74) Di-n-butylphthalate	11.916	149	846669	45.208	ng	100
75) Fluoranthene	12.586	202	865384	41.269	ng	99
77) Benzidine	12.710	184	246722	42.825	ng	99
78) Pyrene	12.815	202	860584	41.502	ng	99
80) Butylbenzylphthalate	13.421	149	314062	46.018	ng	91
81) Benzo(a)anthracene	14.004	228	663430	41.059	ng	98
82) 3,3'-Dichlorobenzidine	13.962	252	116745	24.584	ng	99
83) Chrysene	14.045	228	627140	40.987	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	386610	49.005	ng	100
85) Di-n-octyl phthalate	14.580	149	588072	56.016	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	496706	38.582	ng	98
88) Benzo(b)fluoranthene	15.062	252	522200	43.530	ng	99
89) Benzo(k)fluoranthene	15.092	252	538237	43.280	ng	99
90) Benzo(a)pyrene	15.433	252	501212	50.909	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	434523	40.881	ng	97
92) Benzo(g,h,i)perylene	17.456	276	429282	39.074	ng	98

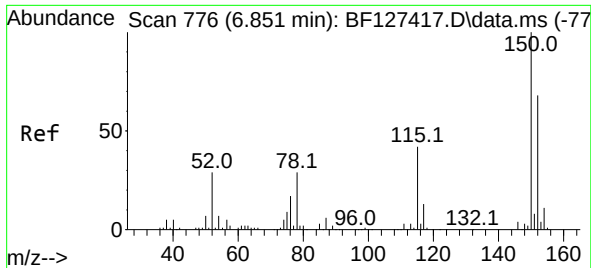
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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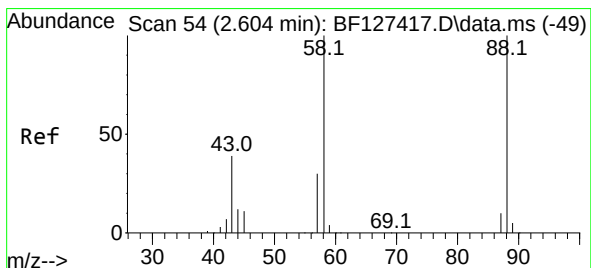
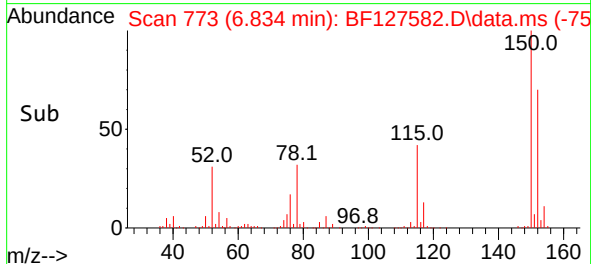
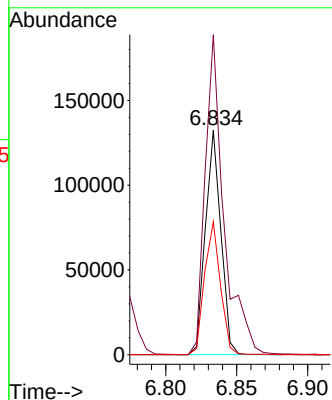
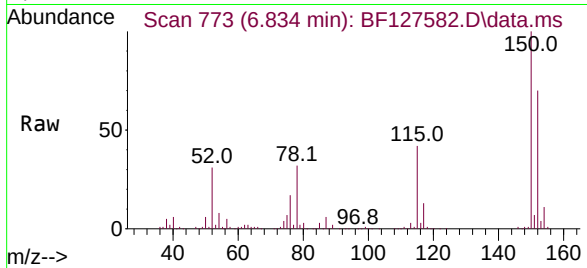




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127582.D
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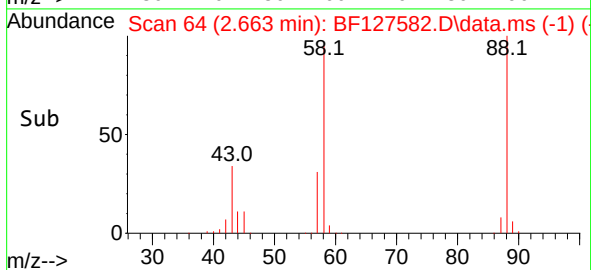
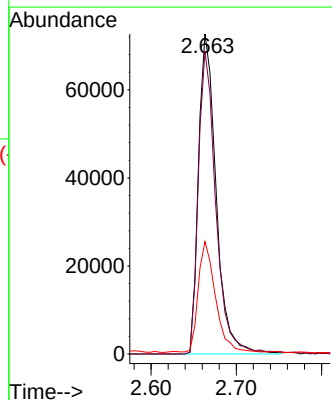
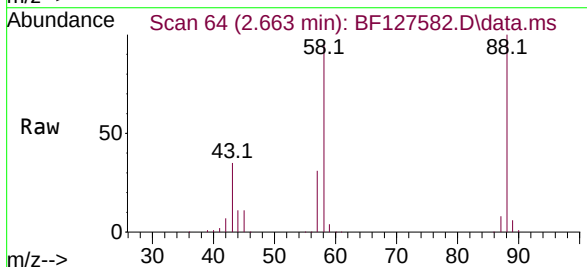
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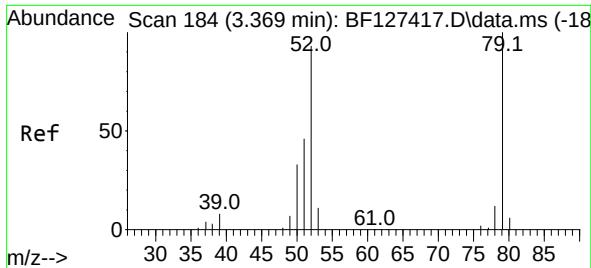
Tgt Ion:152 Resp: 100581
 Ion Ratio Lower Upper
 152 100
 150 142.6 117.2 175.8
 115 59.3 49.8 74.6



#2
 1,4-Dioxane
 Concen: 37.820 ng
 RT: 2.663 min Scan# 64
 Delta R.T. 0.076 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

Tgt Ion: 88 Resp: 104667
 Ion Ratio Lower Upper
 88 100
 58 94.3 77.0 115.4
 43 34.1 31.3 46.9

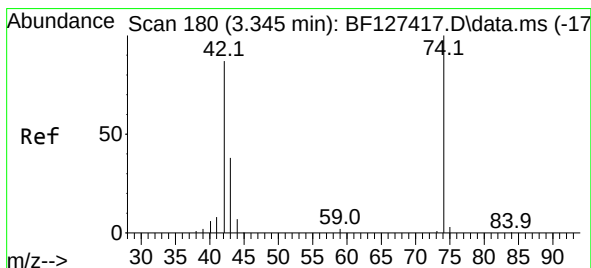
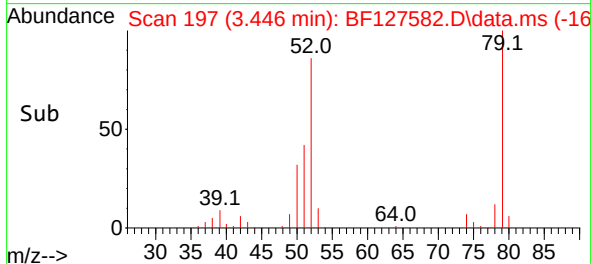
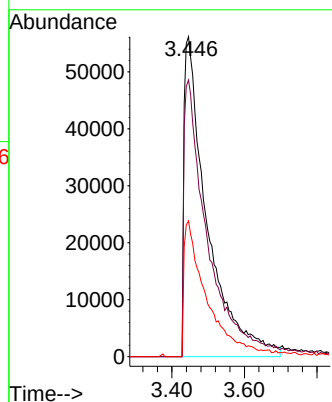
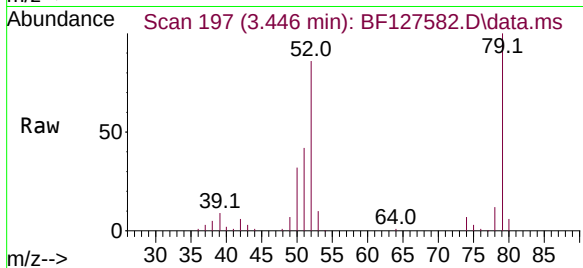




#3
Pyridine
Concen: 31.732 ng
RT: 3.446 min Scan# 184
Delta R.T. 0.100 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

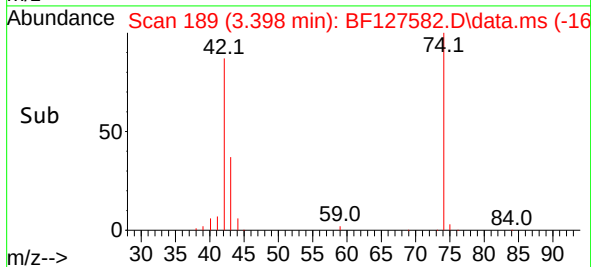
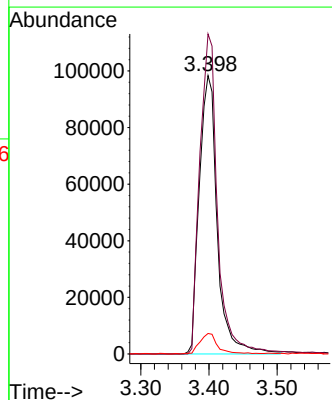
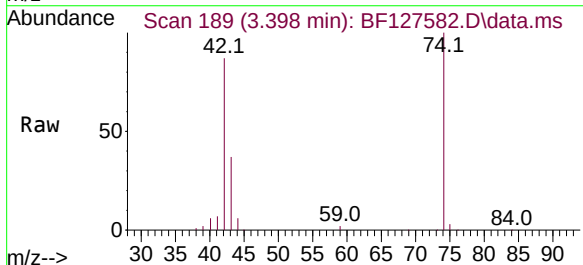
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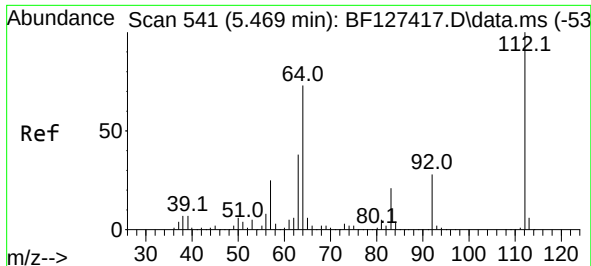
Tgt Ion: 79 Resp: 247863
Ion Ratio Lower Upper
79 100
52 86.5 74.2 111.4
51 42.4 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 42.215 ng
RT: 3.398 min Scan# 189
Delta R.T. 0.071 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion: 42 Resp: 181050
Ion Ratio Lower Upper
42 100
74 115.0 92.4 138.6
44 7.3 6.0 9.0

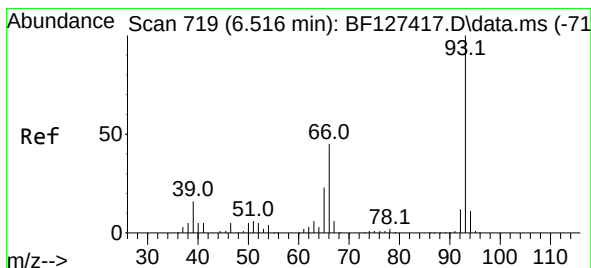
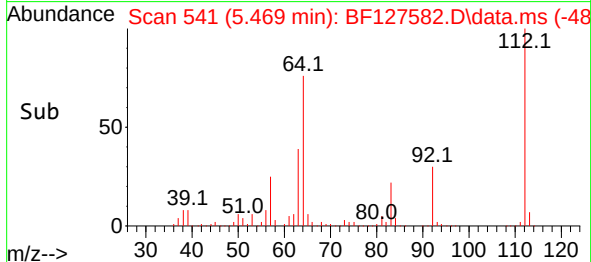
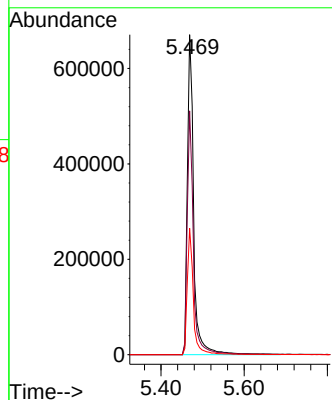
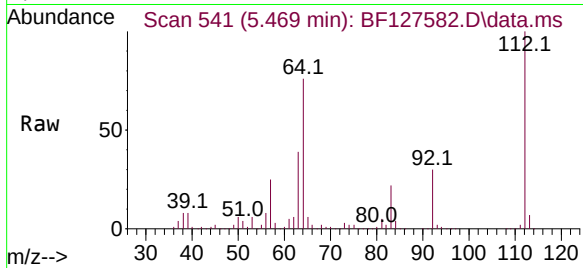




#5
2-Fluorophenol
Concen: 111.991 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

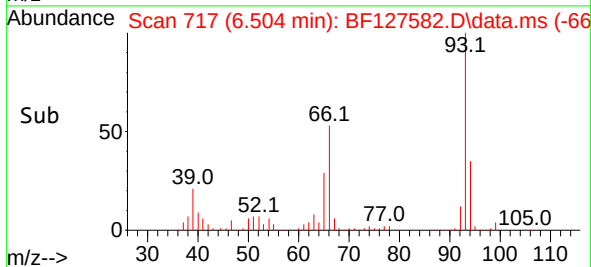
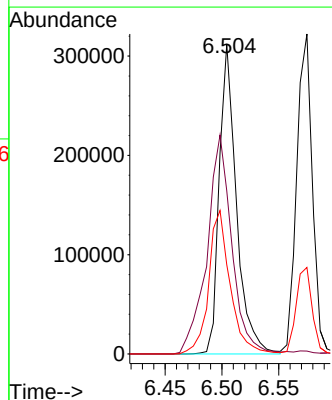
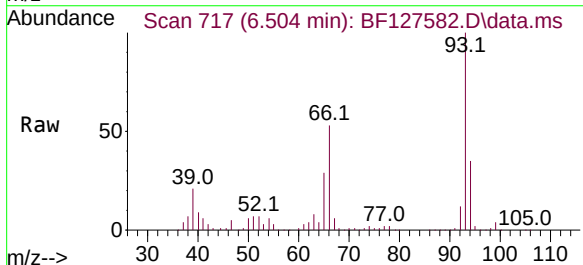
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ClientSampleId :
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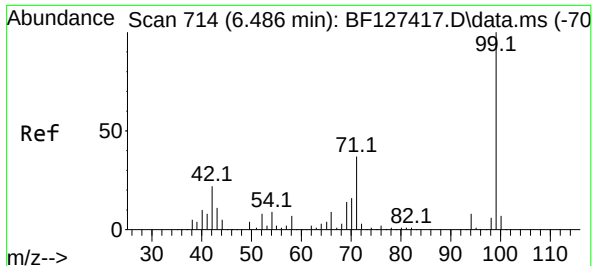
Tgt Ion:112 Resp: 705677
Ion Ratio Lower Upper
112 100
64 76.2 58.4 87.6
63 39.5 30.1 45.1



#6
Aniline
Concen: 31.988 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion: 93 Resp: 328790
Ion Ratio Lower Upper
93 100
66 52.6 36.2 54.4
65 28.8 18.4 27.6#

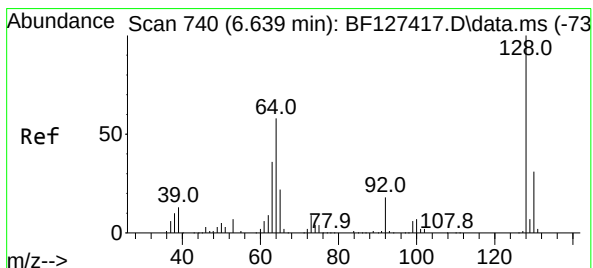
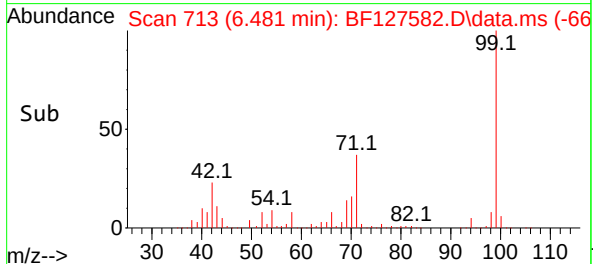
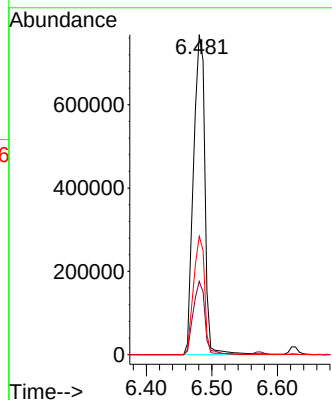
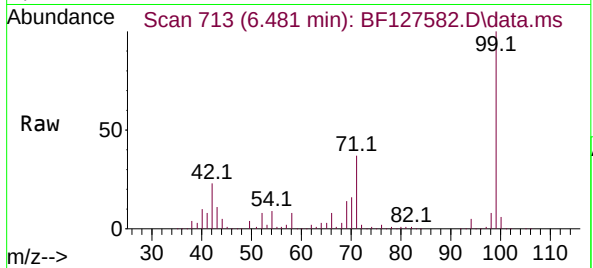




#7
Phenol-d6
Concen: 108.335 ng
RT: 6.481 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

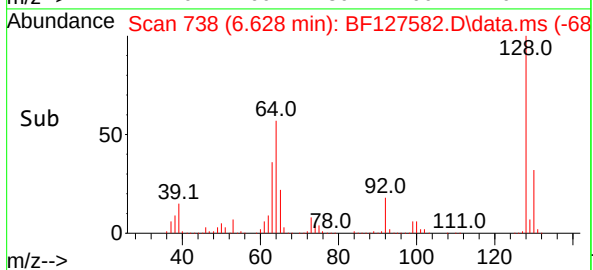
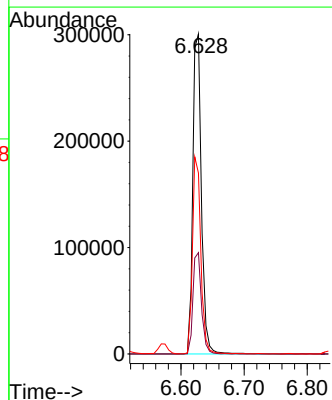
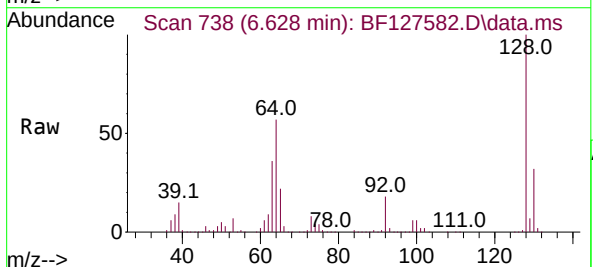
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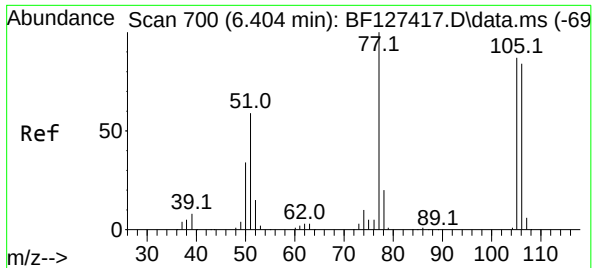
Tgt Ion: 99 Resp: 933119
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 37.0 29.6 44.4



#8
2-Chlorophenol
Concen: 44.398 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion: 128 Resp: 285886
Ion Ratio Lower Upper
128 100
130 31.7 11.3 51.3
64 56.5 38.4 78.4

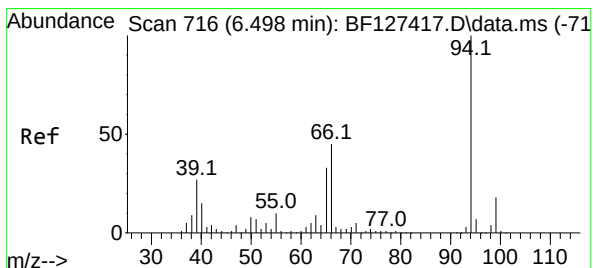
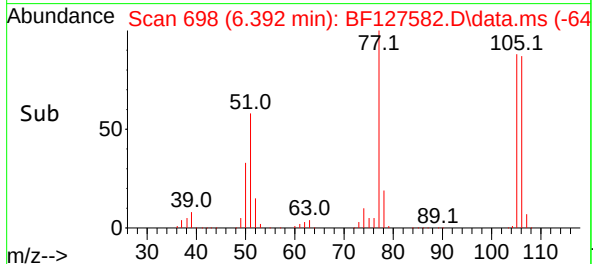
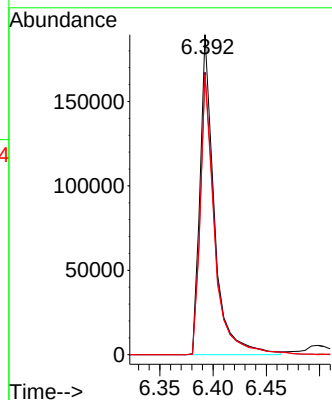
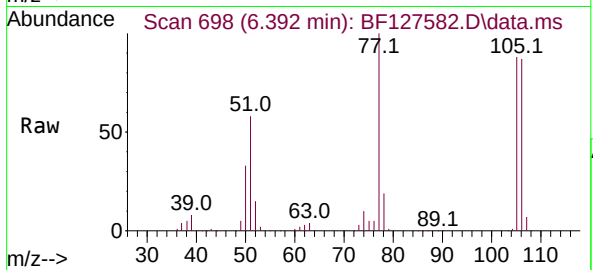




#9
Benzaldehyde
Concen: 40.288 ng
RT: 6.392 min Scan# 61
Delta R.T. 0.000 min
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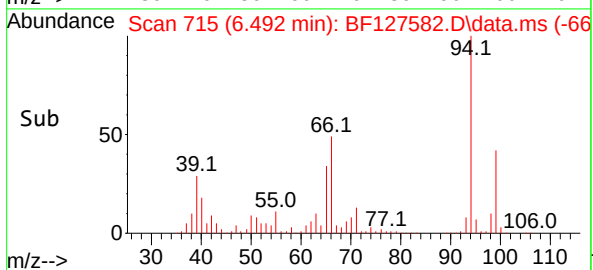
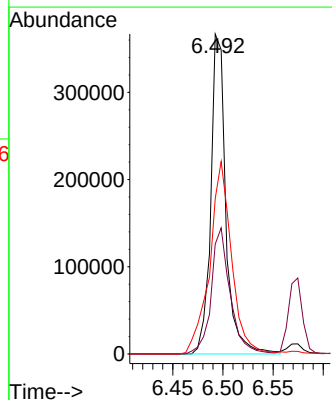
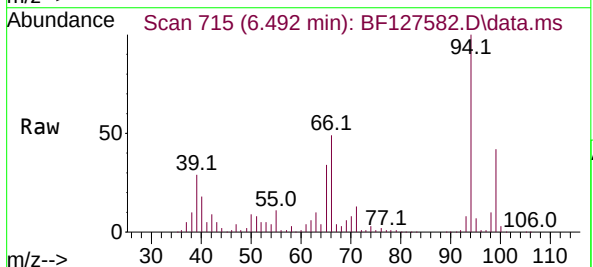
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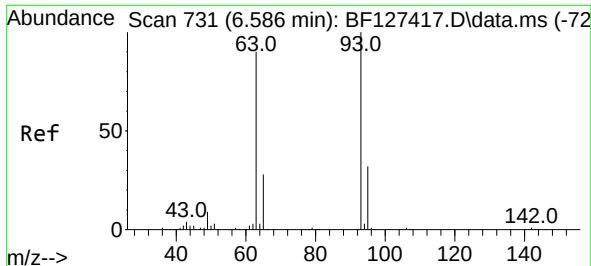
Tgt Ion: 77 Resp: 177557
Ion Ratio Lower Upper
77 100
105 88.3 66.8 106.8
106 87.5 64.3 104.3



#10
Phenol
Concen: 41.143 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 385930
Ion Ratio Lower Upper
94 100
65 34.4 13.1 53.1
66 48.6 24.9 64.9

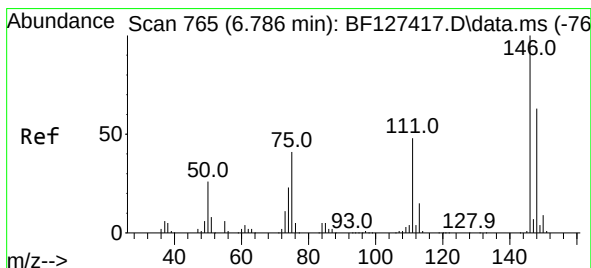
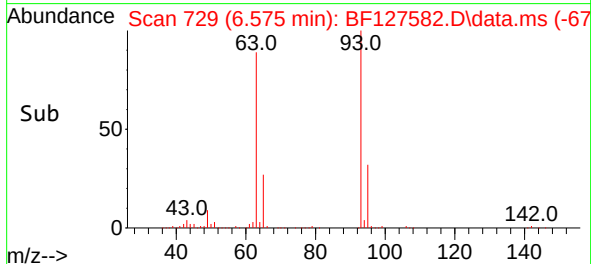
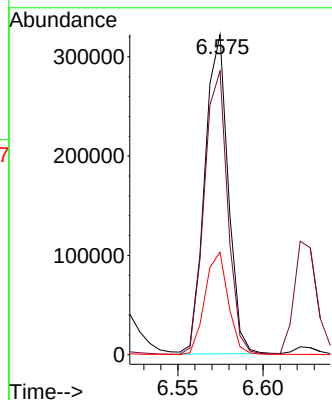
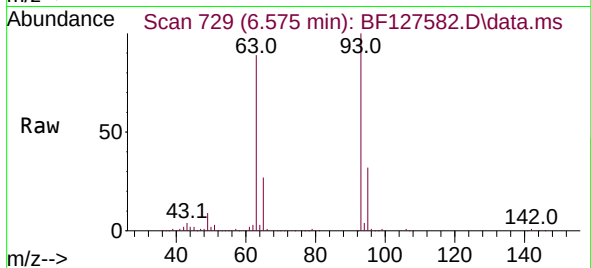




#11
bis(2-Chloroethyl)ether
Concen: 44.590 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

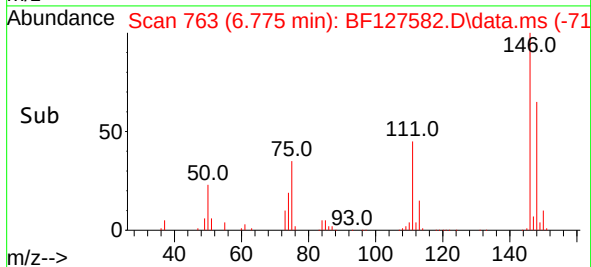
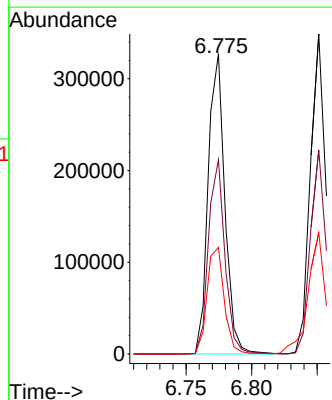
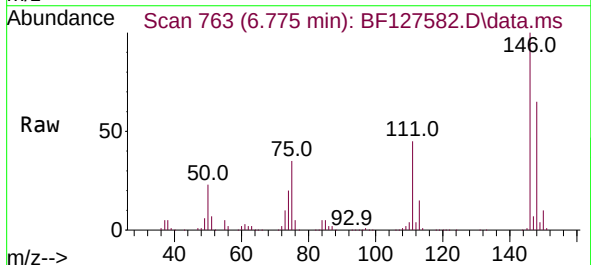
Instrument :
BNA_F
ClientSampleId :
PB143716BS

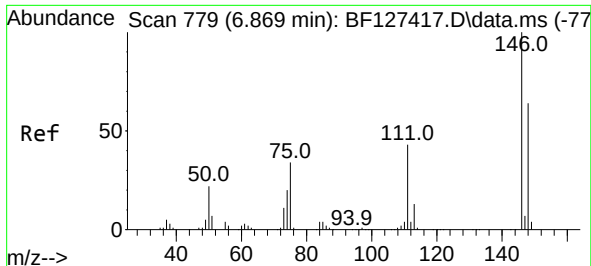
Tgt Ion: 93 Resp: 306051
Ion Ratio Lower Upper
93 100
63 88.6 69.6 109.6
95 32.0 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.041 ng
RT: 6.775 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:146 Resp: 289997
Ion Ratio Lower Upper
146 100
148 64.7 50.6 76.0
75 35.5 32.4 48.6

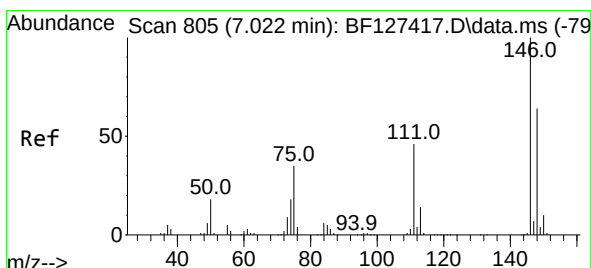
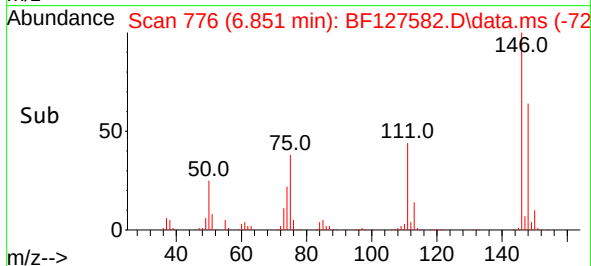
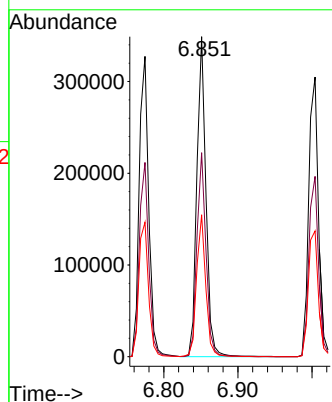
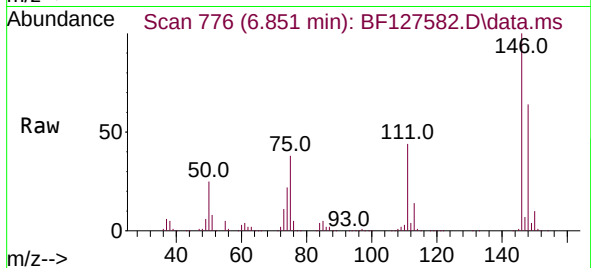




#13
 1,4-Dichlorobenzene
 Concen: 40.744 ng
 RT: 6.851 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

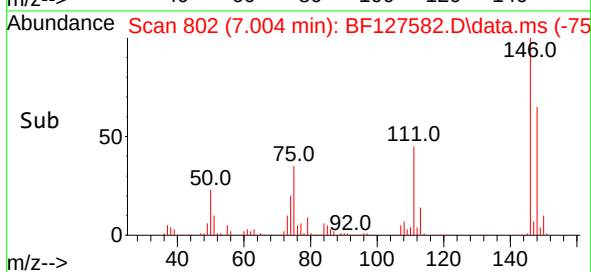
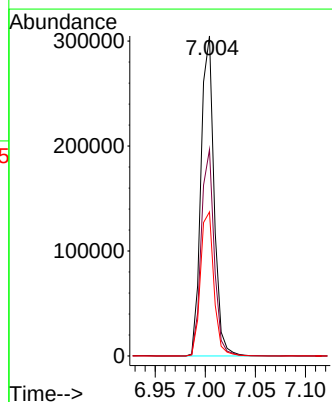
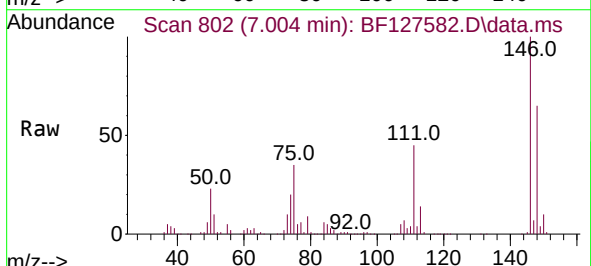
Instrument :
 BNA_F
 ClientSampleId :
 PB143716BS

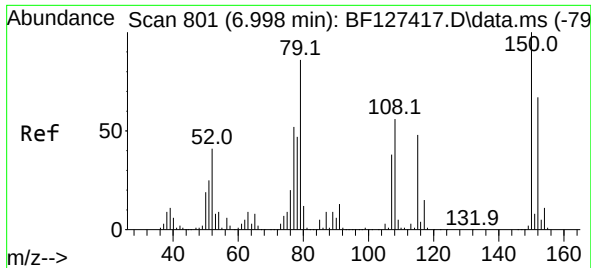
Tgt Ion:146 Resp: 296825
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.3 76.9
 111 44.3 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 39.234 ng
 RT: 7.004 min Scan# 802
 Delta R.T. 0.000 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

Tgt Ion:146 Resp: 278381
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 45.0 36.4 54.6





#15

Benzyl Alcohol

Concen: 43.952 ng

RT: 6.986 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

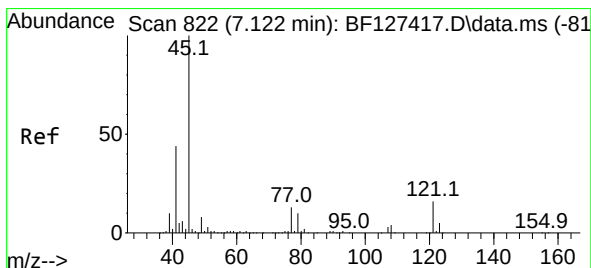
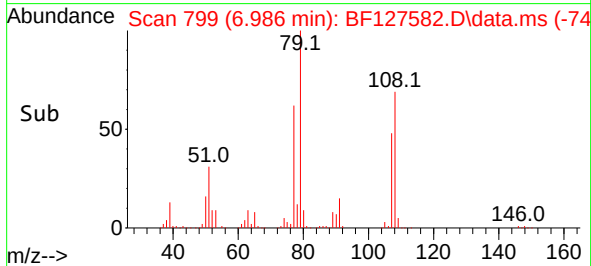
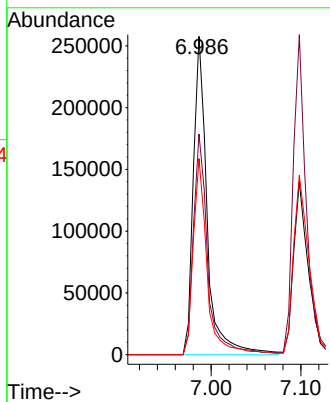
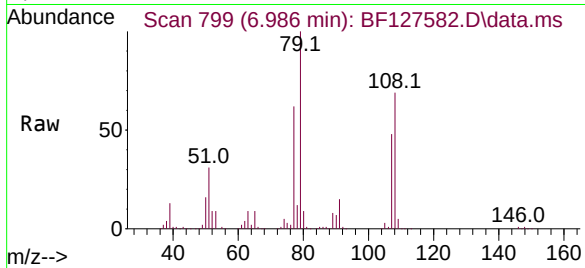
Tgt Ion: 79 Resp: 275121

Ion Ratio Lower Upper

79 100

108 69.3 52.2 78.2

77 61.6 48.3 72.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.277 ng

RT: 7.104 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

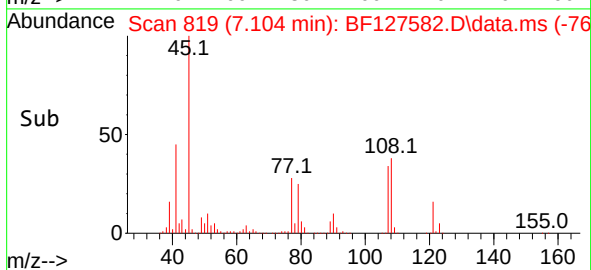
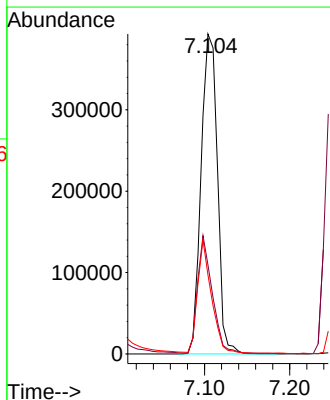
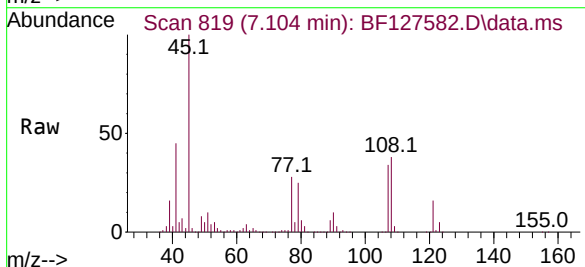
Tgt Ion: 45 Resp: 522162

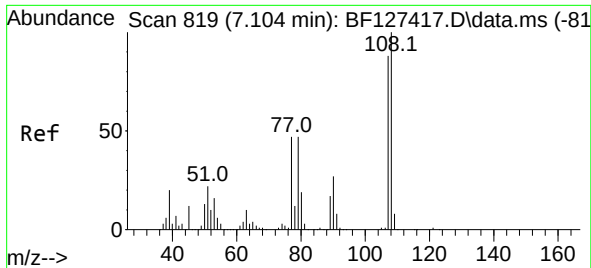
Ion Ratio Lower Upper

45 100

77 27.8 0.0 32.9

79 24.7 0.0 29.9

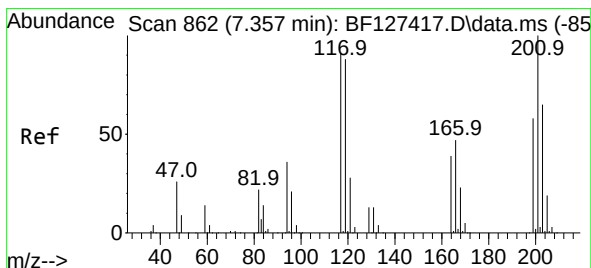
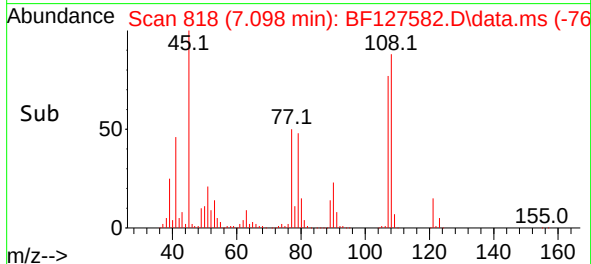
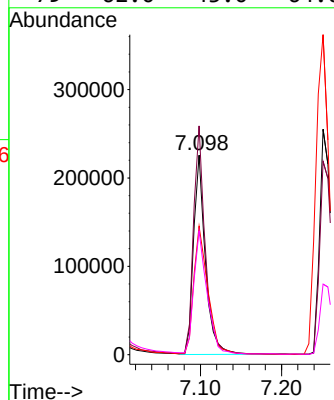
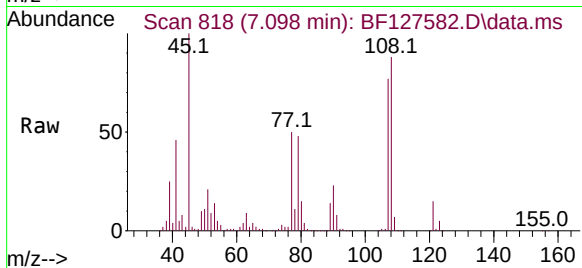




#17
2-Methylphenol
Concen: 42.313 ng
RT: 7.098 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

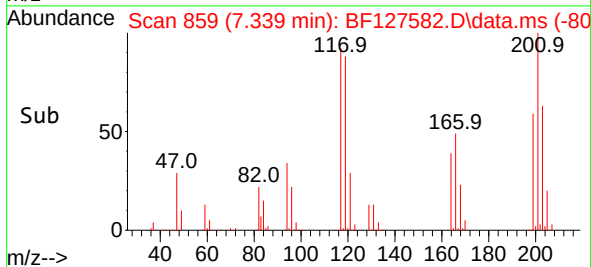
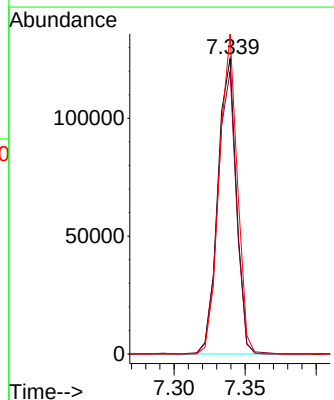
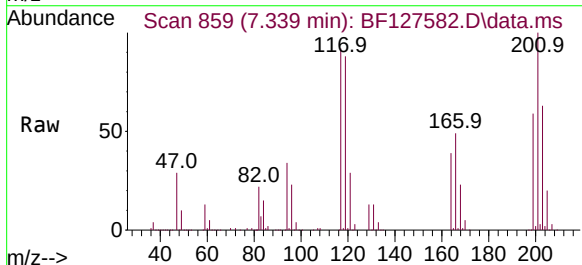
Instrument :
BNA_F
ClientSampleId :
PB143716BS

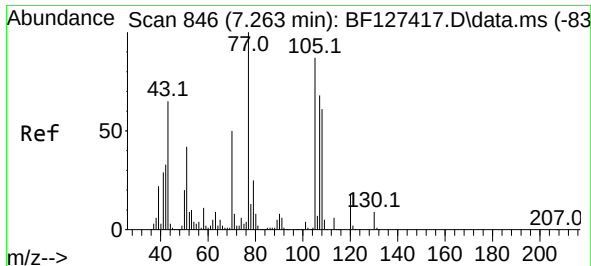
Tgt Ion:107 Resp: 229941
Ion Ratio Lower Upper
107 100
108 114.7 90.7 136.1
77 64.4 42.9 64.3#
79 62.0 43.0 64.6



#18
Hexachloroethane
Concen: 42.438 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:117 Resp: 113185
Ion Ratio Lower Upper
117 100
119 95.6 77.6 116.4
201 108.3 88.2 132.2



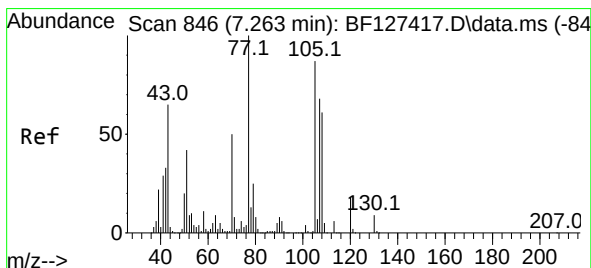
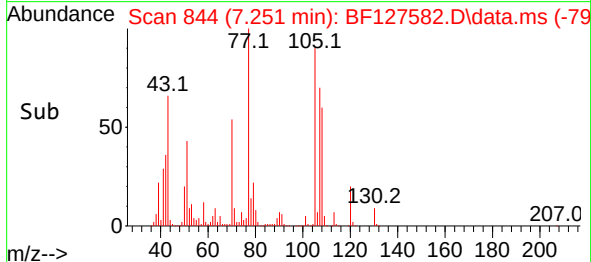
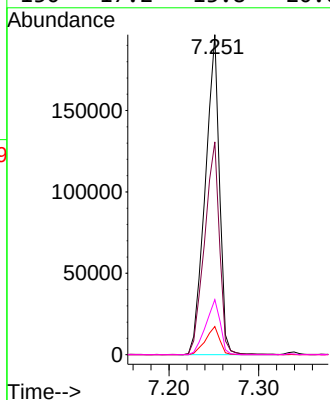
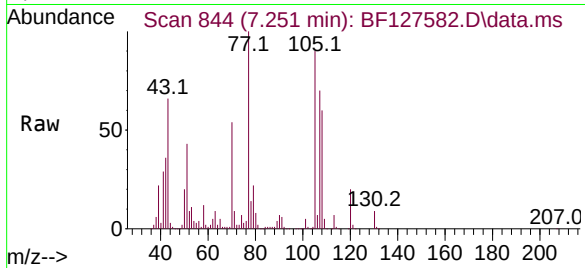


#19
n-Nitroso-di-n-propylamine
Concen: 41.913 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB143716BS

Tgt Ion: 70 Resp: 216394

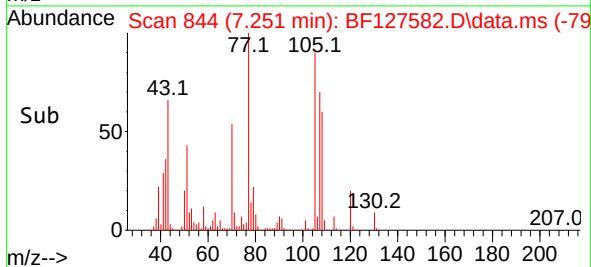
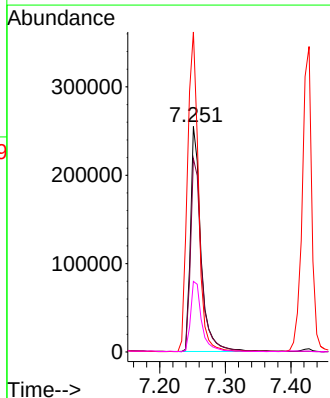
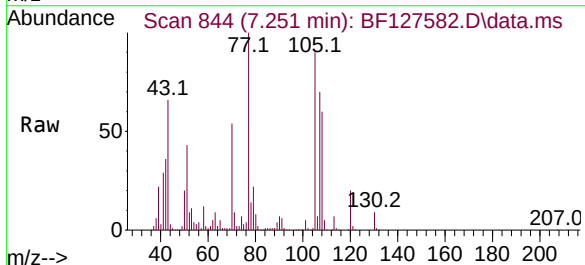
Ion	Ratio	Lower	Upper
70	100		
42	66.5	53.0	79.6
101	8.8	6.8	10.2
130	17.2	13.8	20.6

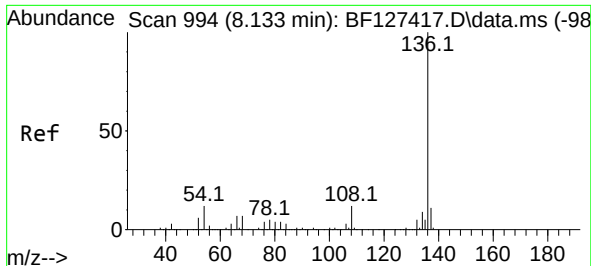


#20
3+4-Methylphenols
Concen: 42.266 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion: 107 Resp: 283299

Ion	Ratio	Lower	Upper
107	100		
108	85.7	70.7	110.7
77	141.9	127.9	167.9
79	31.3	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: BF127582.D

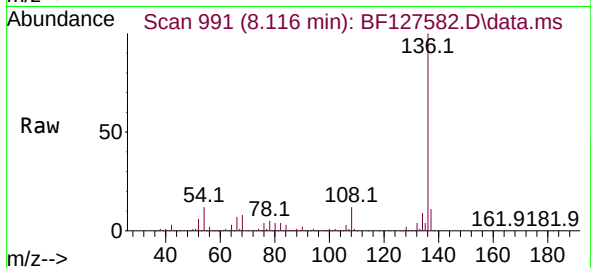
Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS



Tgt Ion:136 Resp: 368457

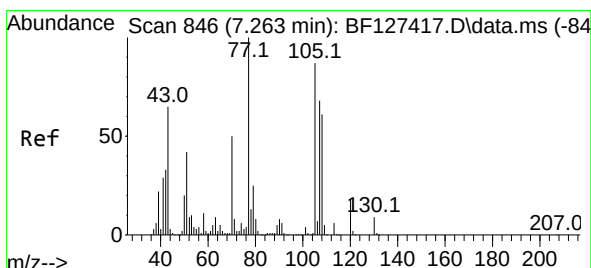
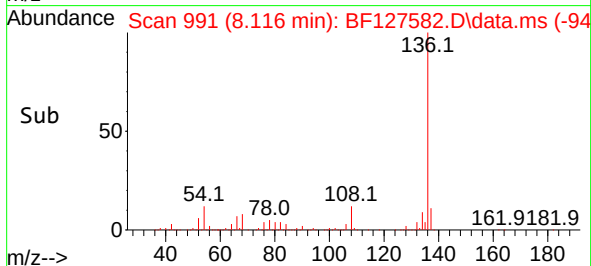
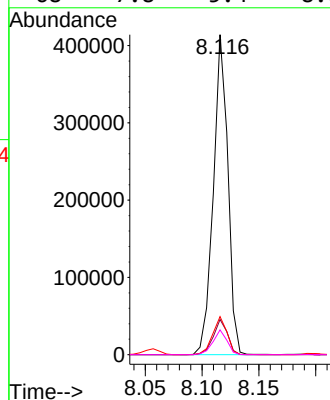
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 11.9 9.2 13.8

68 7.8 5.4 8.0



#22

Acetophenone

Concen: 39.962 ng

RT: 7.251 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Tgt Ion:105 Resp: 376390

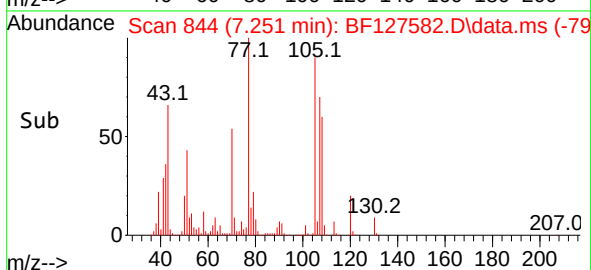
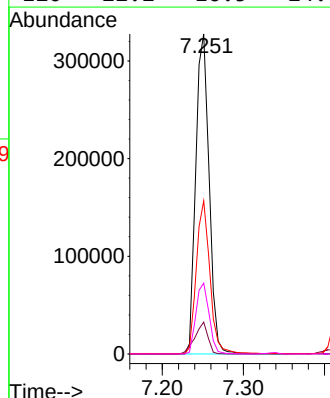
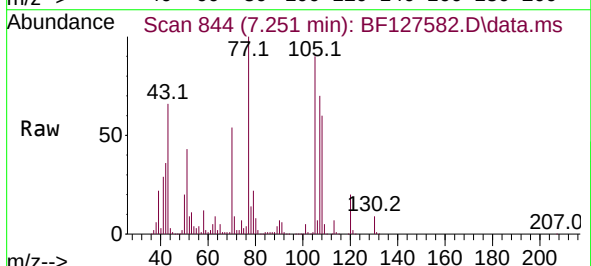
Ion Ratio Lower Upper

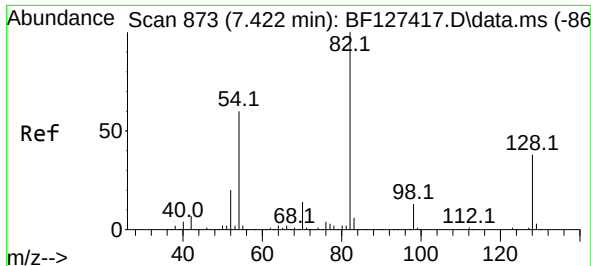
105 100

71 9.9 7.3 10.9

51 47.9 38.8 58.2

120 22.2 16.5 24.7





#23

Nitrobenzene-d5

Concen: 75.281 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

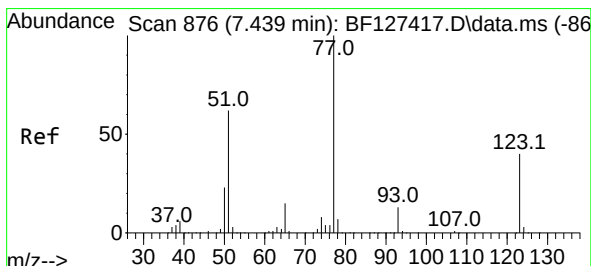
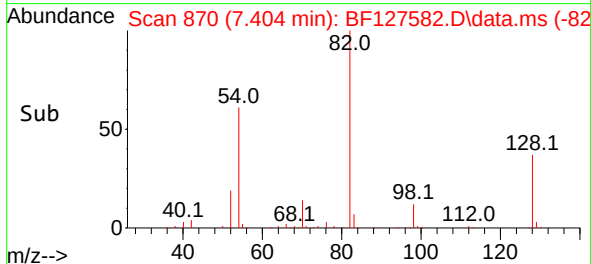
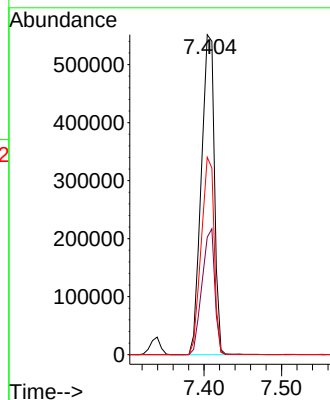
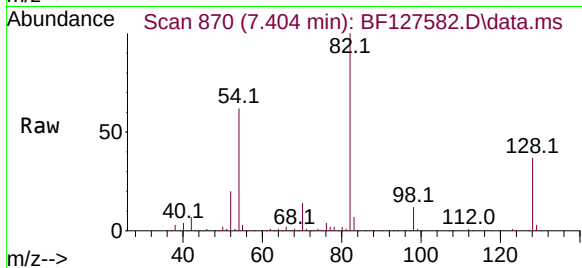
Tgt Ion: 82 Resp: 648902

Ion Ratio Lower Upper

82 100

128 36.7 30.6 45.8

54 61.7 48.2 72.2



#24

Nitrobenzene

Concen: 41.806 ng

RT: 7.428 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

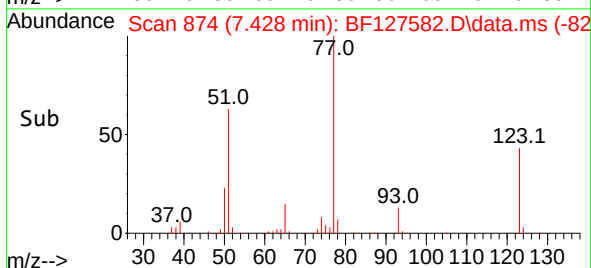
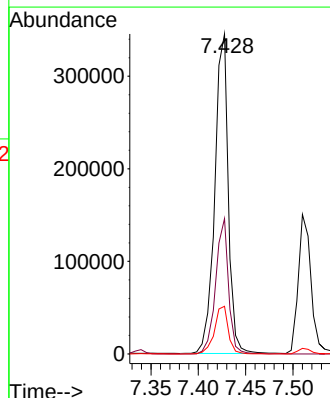
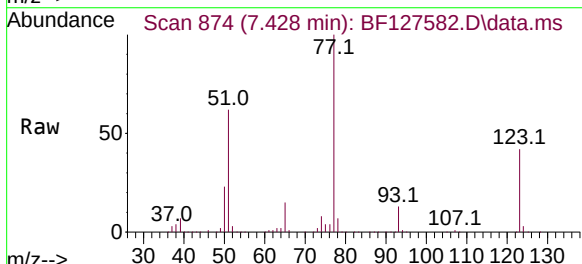
Tgt Ion: 77 Resp: 343664

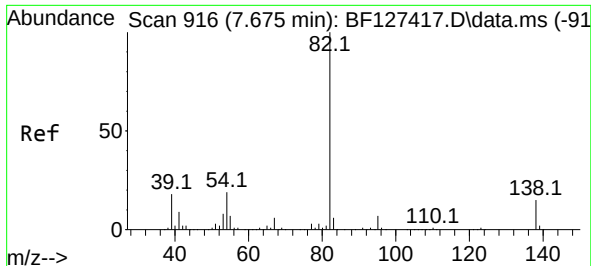
Ion Ratio Lower Upper

77 100

123 42.3 32.0 48.0

65 14.9 12.2 18.2

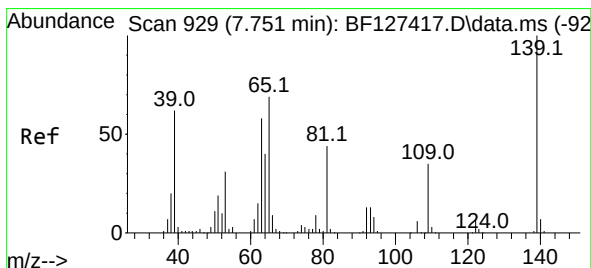
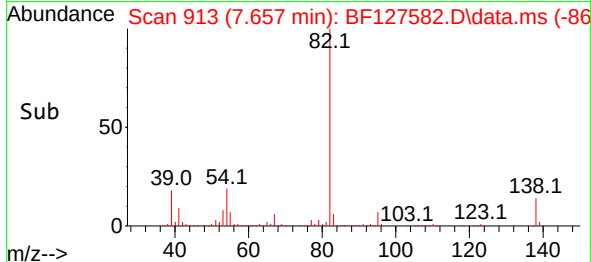
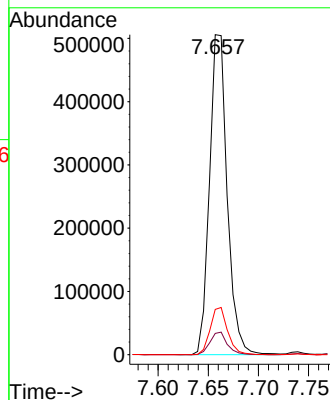
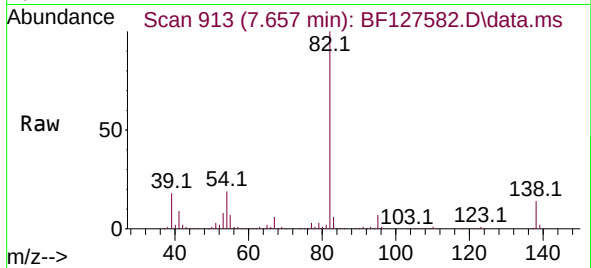




#25
Isophorone
Concen: 45.453 ng
RT: 7.657 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

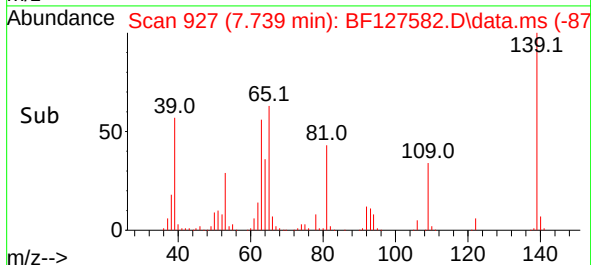
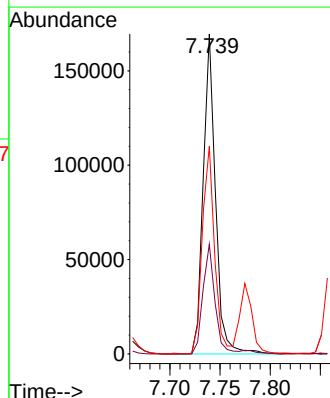
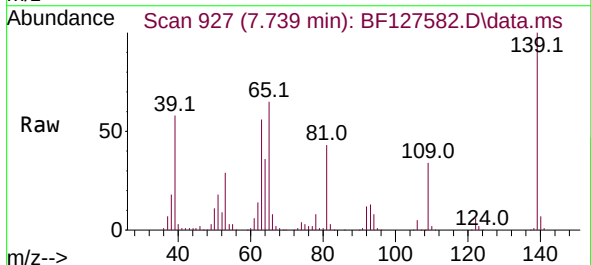
Instrument :
BNA_F
ClientSampleId :
PB143716BS

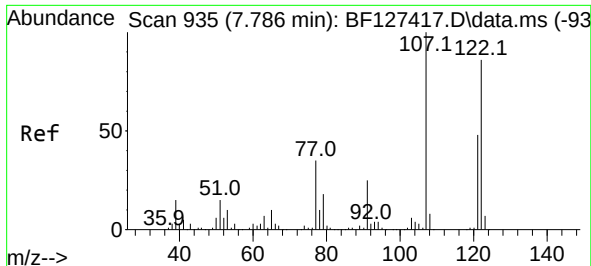
Tgt Ion: 82 Resp: 624014
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.8
138 14.1 11.6 17.4



#26
2-Nitrophenol
Concen: 42.090 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:139 Resp: 145112
Ion Ratio Lower Upper
139 100
109 34.3 28.2 42.2
65 64.9 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 48.349 ng

RT: 7.775 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

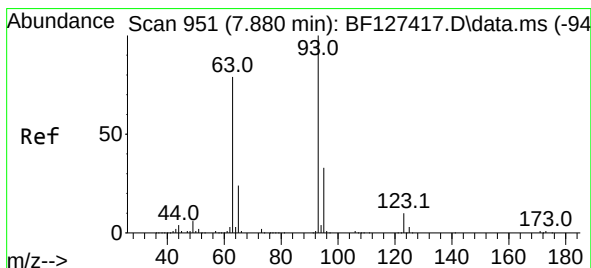
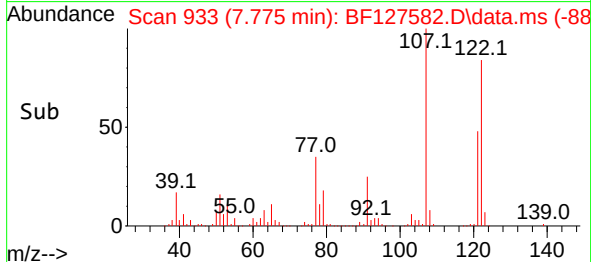
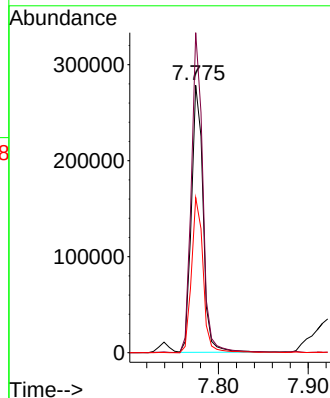
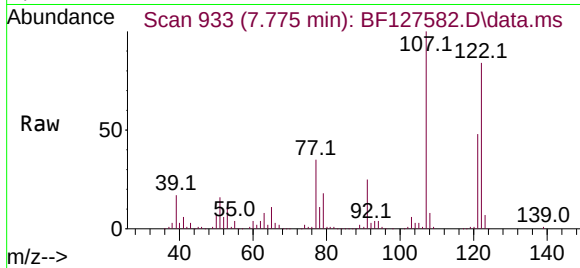
Tgt Ion:122 Resp: 250745

Ion Ratio Lower Upper

122 100

107 119.7 93.0 139.4

121 58.0 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.390 ng

RT: 7.869 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

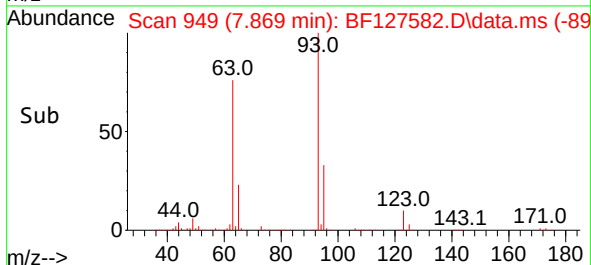
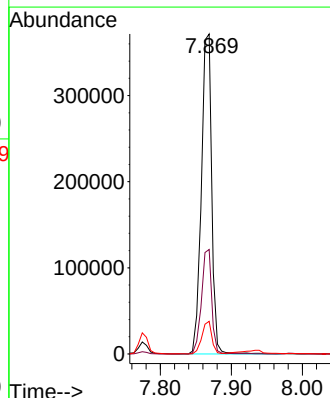
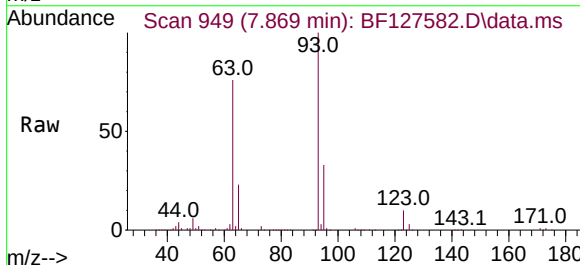
Tgt Ion: 93 Resp: 378044

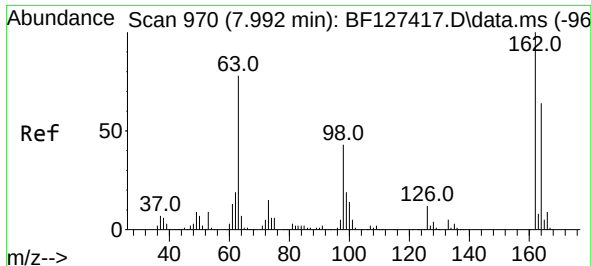
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 10.2 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.164 ng

RT: 7.986 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

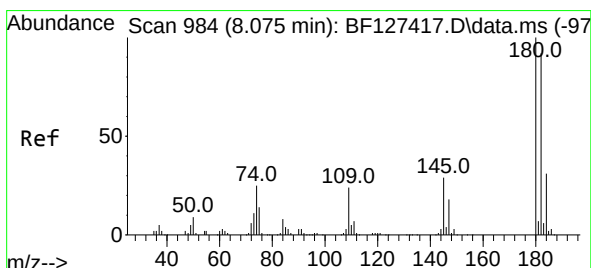
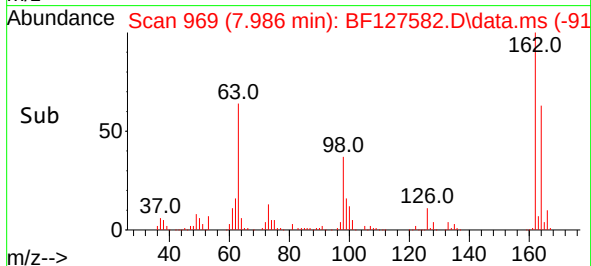
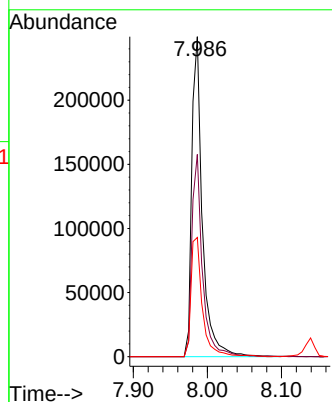
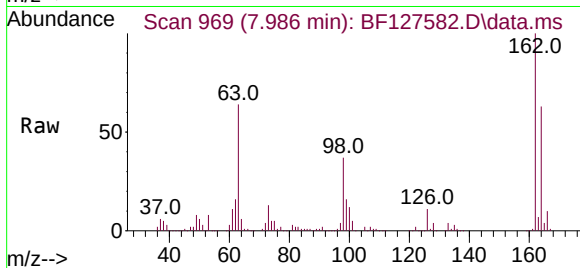
Tgt Ion:162 Resp: 248238

Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

98 37.3 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 39.210 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

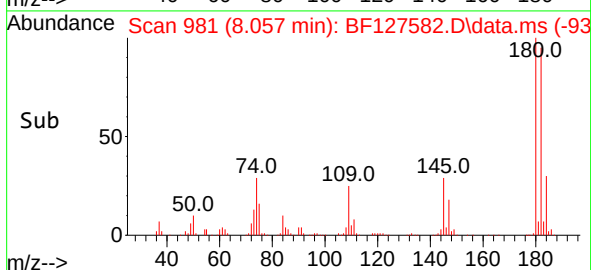
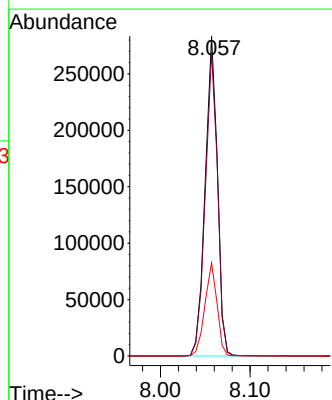
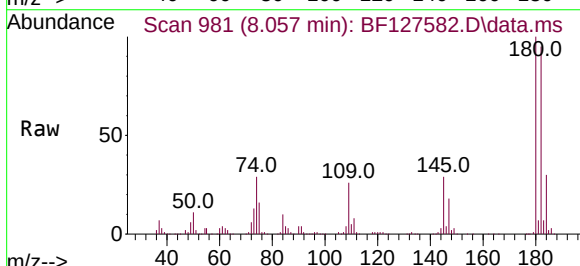
Tgt Ion:180 Resp: 269000

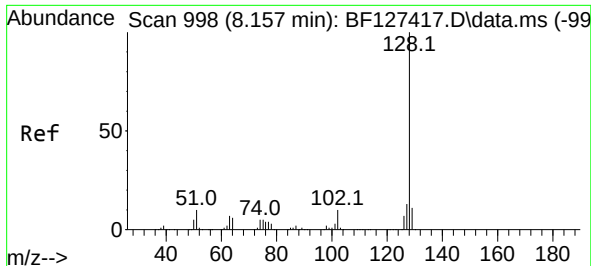
Ion Ratio Lower Upper

180 100

182 95.0 73.8 110.6

145 29.1 23.3 34.9

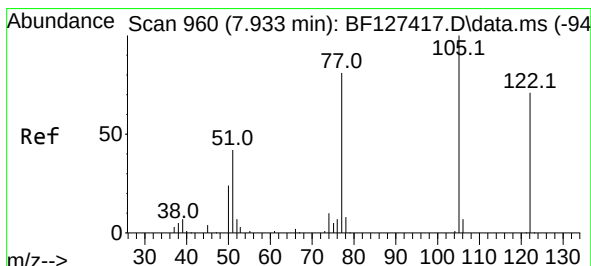
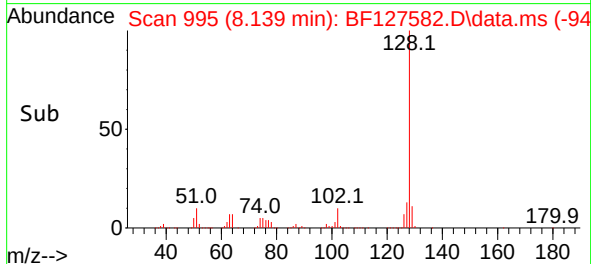
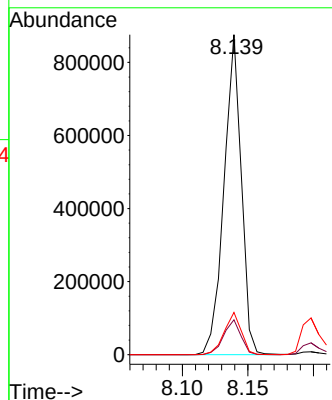
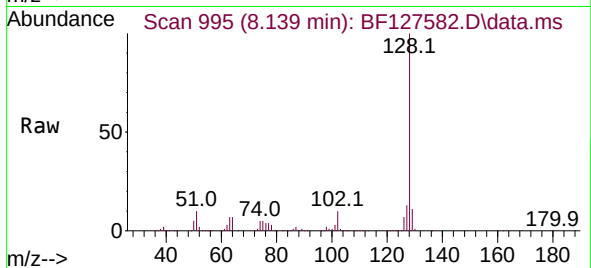




#31
Naphthalene
Concen: 40.986 ng
RT: 8.139 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

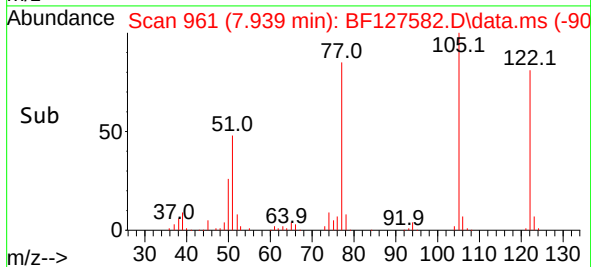
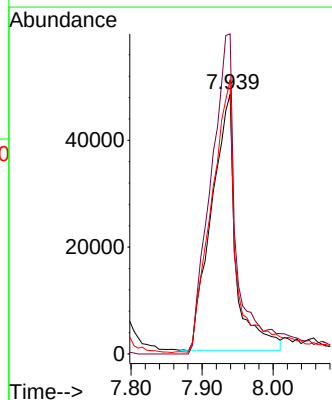
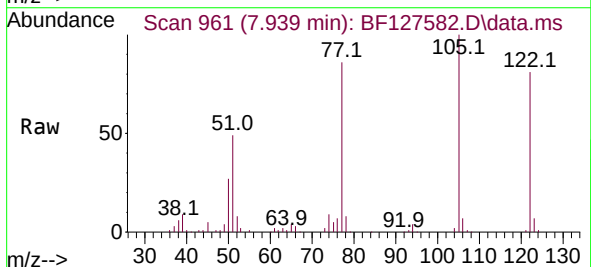
Instrument :
BNA_F
ClientSampleId :
PB143716BS

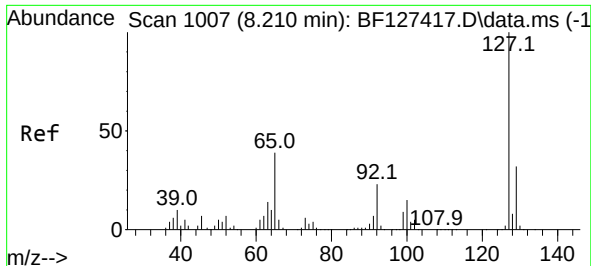
Tgt Ion:128 Resp: 801757
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.2 15.2



#32
Benzoic acid
Concen: 39.564 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.012 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:122 Resp: 114301
Ion Ratio Lower Upper
122 100
105 123.3 117.1 157.1
77 105.6 93.0 133.0

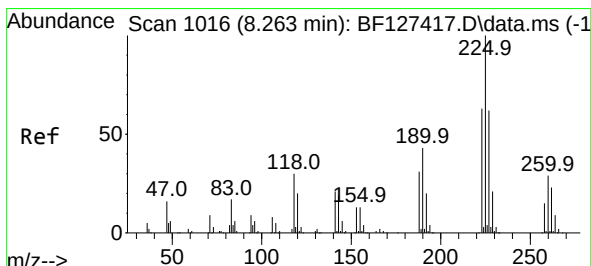
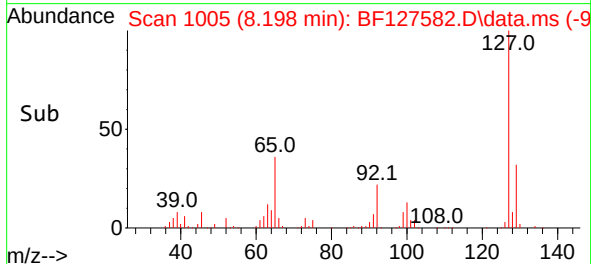
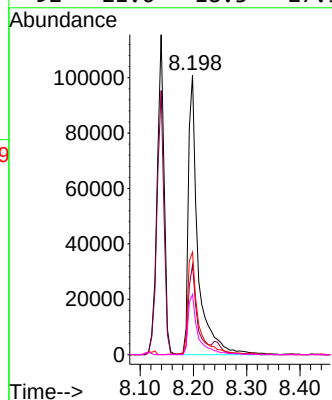
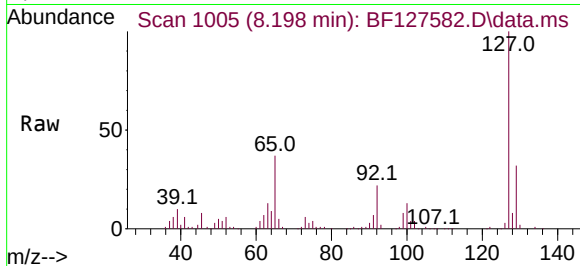




#33
4-Chloroaniline
Concen: 16.740 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

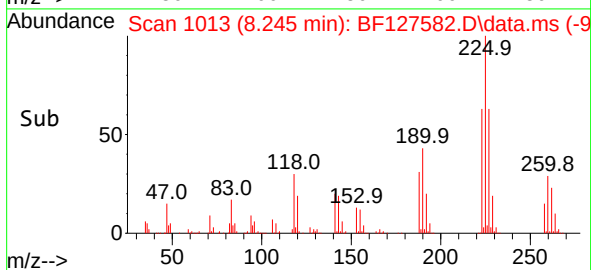
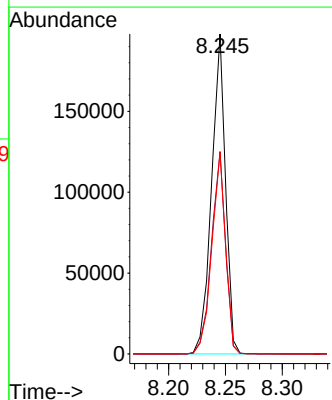
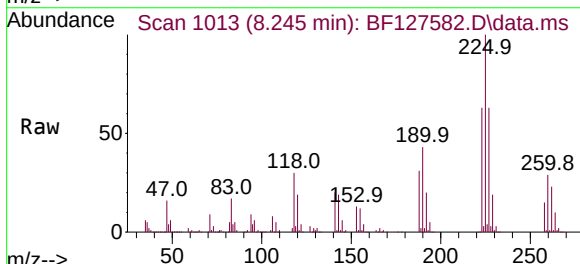
Instrument :
BNA_F
ClientSampleId :
PB143716BS

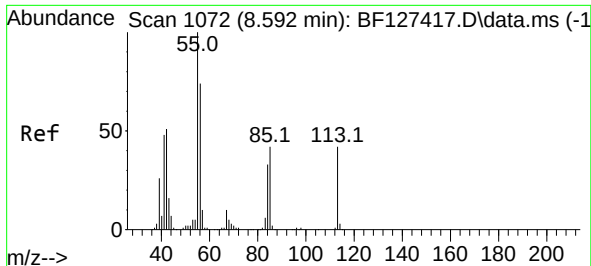
Tgt Ion:127	Resp: 126893
Ion Ratio	Lower Upper
127 100	
129 32.1	25.9 38.9
65 36.7	31.4 47.0
92 21.6	18.3 27.5



#34
Hexachlorobutadiene
Concen: 38.652 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:225	Resp: 168386
Ion Ratio	Lower Upper
225 100	
223 63.2	50.6 76.0
227 63.1	49.6 74.4

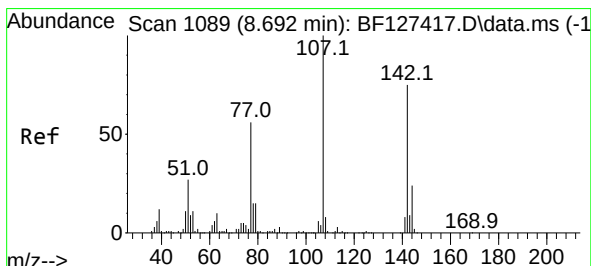
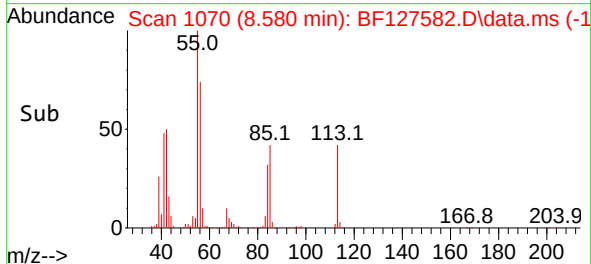
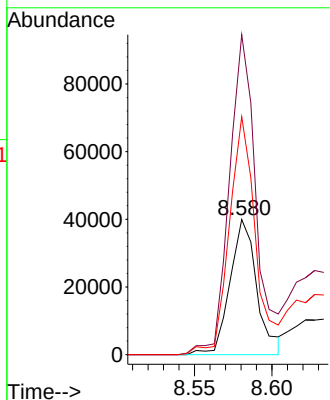
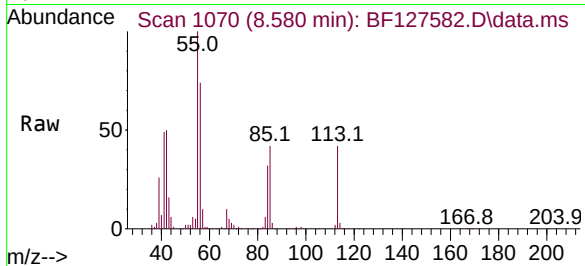




#35
 Caprolactam
 Concen: 26.589 ng
 RT: 8.580 min Scan# 1070
 Delta R.T. -0.006 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

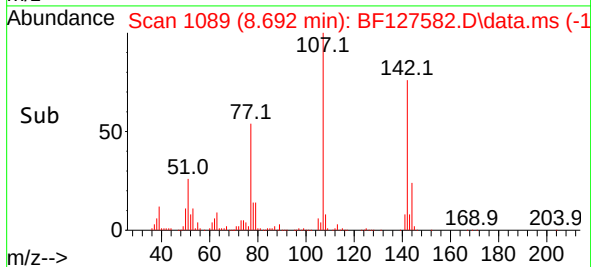
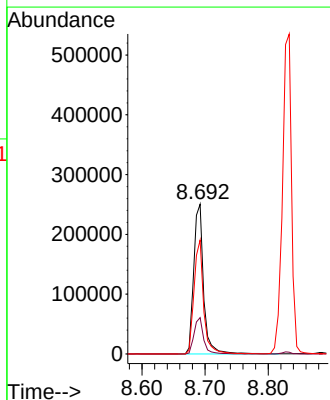
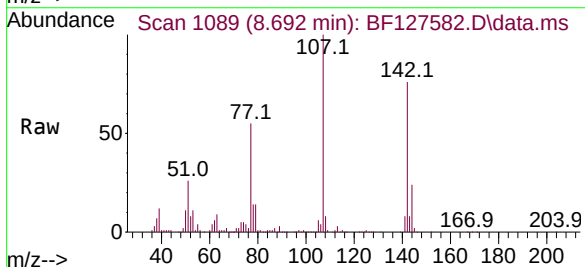
Instrument :
 BNA_F
 ClientSampleId :
 PB143716BS

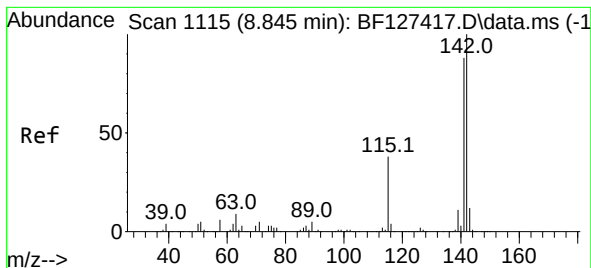
Tgt Ion:113 Resp: 48259
 Ion Ratio Lower Upper
 113 100
 55 236.6 218.7 258.7
 56 176.0 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.662 ng
 RT: 8.692 min Scan# 1089
 Delta R.T. 0.012 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

Tgt Ion:107 Resp: 272516
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 76.1 59.8 89.8





#37

2-Methylnaphthalene

Concen: 42.199 ng

RT: 8.833 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

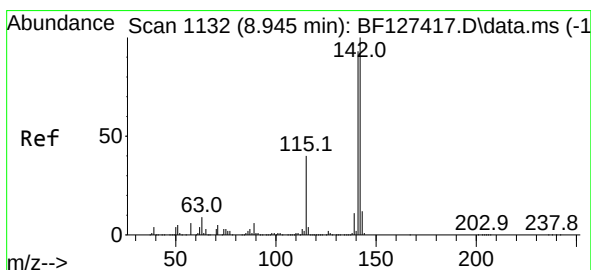
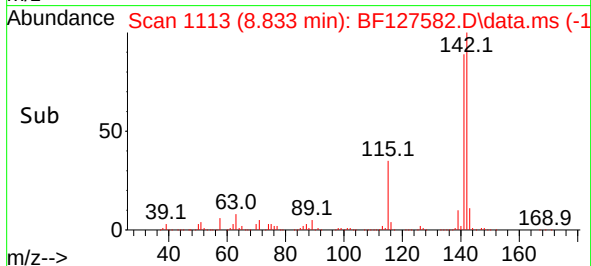
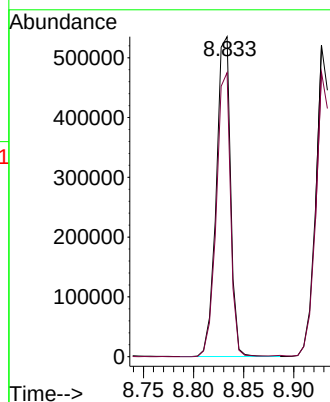
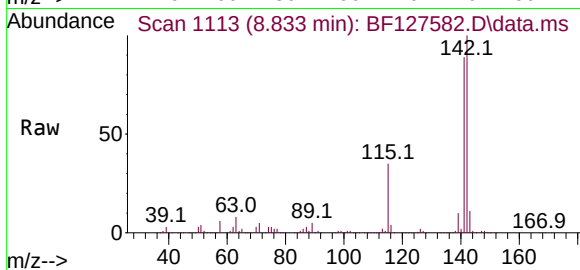
PB143716BS

Tgt Ion:142 Resp: 530802

Ion Ratio Lower Upper

142 100

141 88.7 70.6 106.0



#38

1-Methylnaphthalene

Concen: 40.086 ng

RT: 8.928 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF127582.D

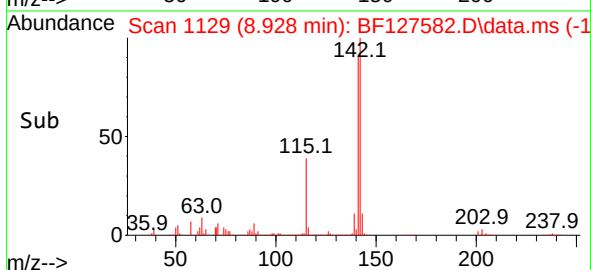
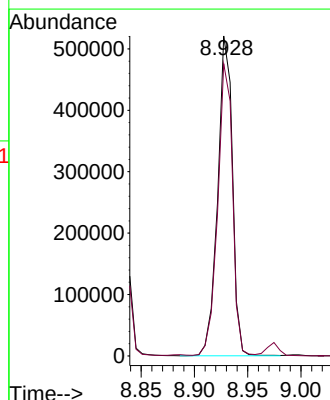
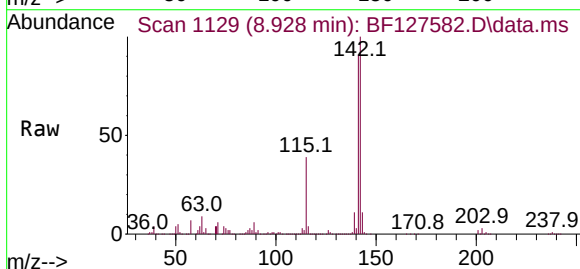
Acq: 30 Mar 2022 12:26

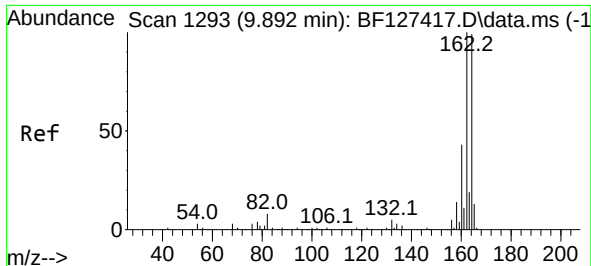
Tgt Ion:142 Resp: 498585

Ion Ratio Lower Upper

142 100

141 91.3 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

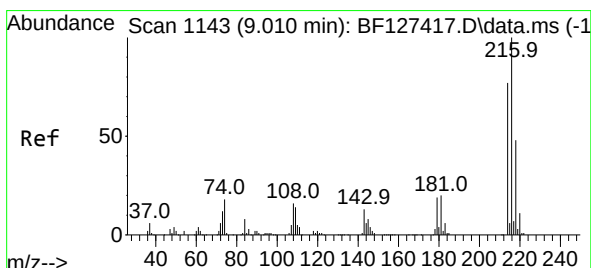
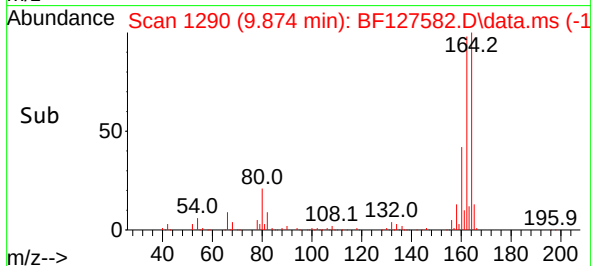
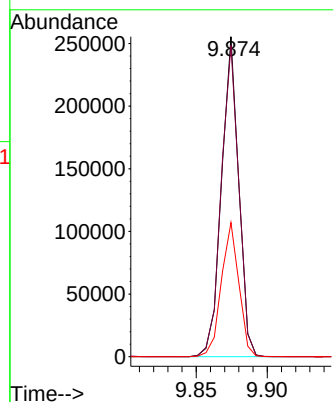
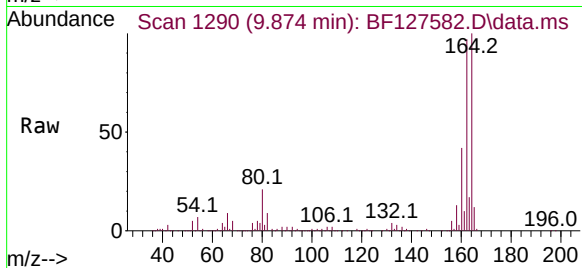
Tgt Ion:164 Resp: 214100

Ion Ratio Lower Upper

164 100

162 97.3 81.2 121.8

160 41.9 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.224 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Tgt Ion:216 Resp: 273824

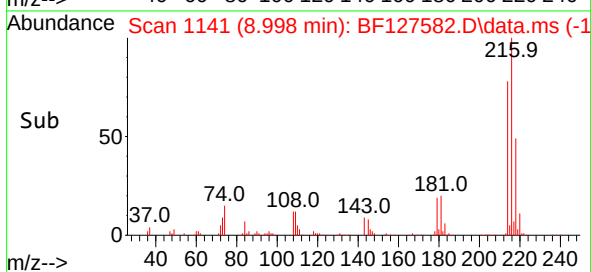
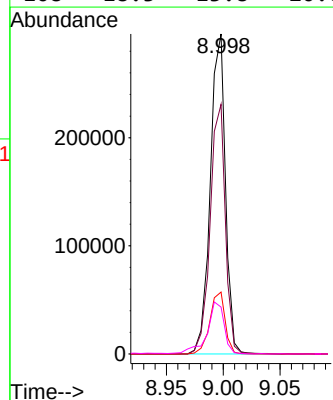
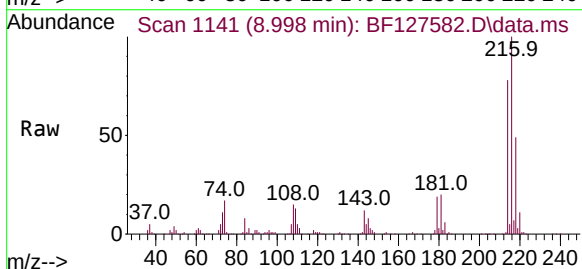
Ion Ratio Lower Upper

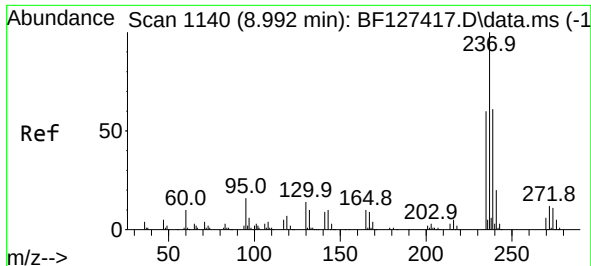
216 100

214 78.4 63.0 94.4

179 19.6 15.5 23.3

108 18.3 13.8 20.6

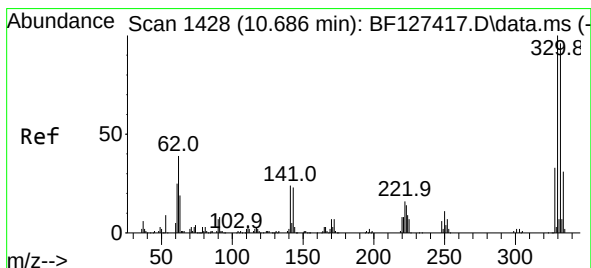
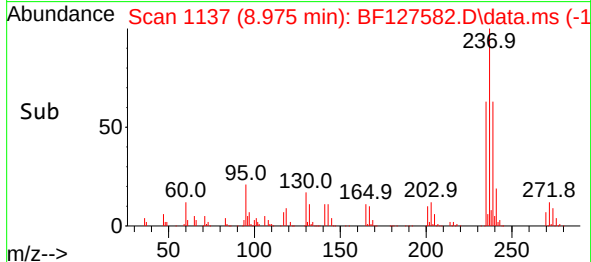
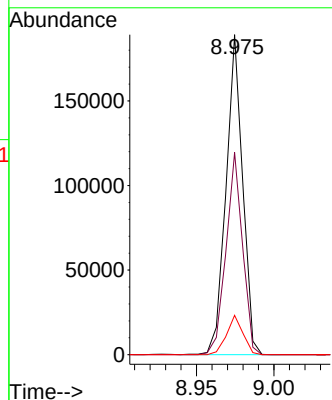
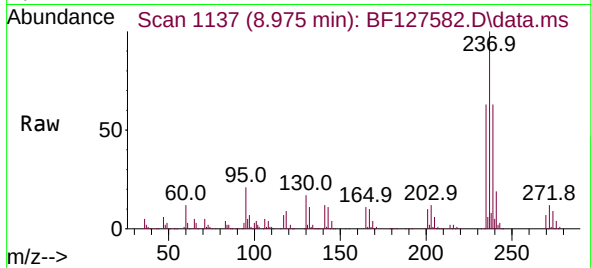




#41
Hexachlorocyclopentadiene
Concen: 66.165 ng
RT: 8.975 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

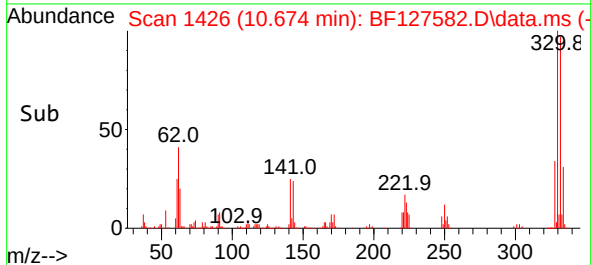
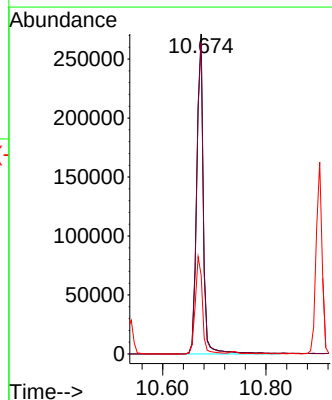
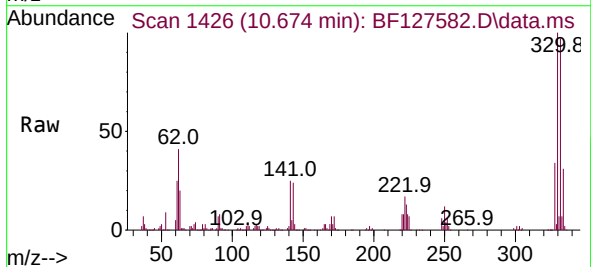
Instrument :
BNA_F
ClientSampleId :
PB143716BS

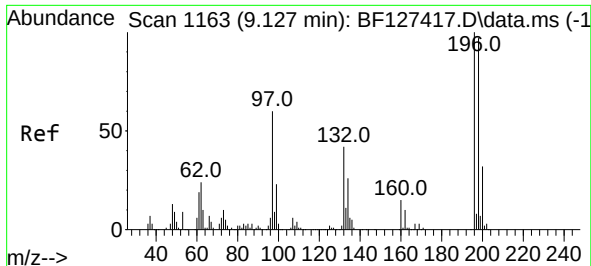
Tgt Ion:237 Resp: 141203
Ion Ratio Lower Upper
237 100
235 63.2 40.4 80.4
272 12.3 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 106.358 ng
RT: 10.674 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:330 Resp: 242571
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 32.3 26.2 39.4

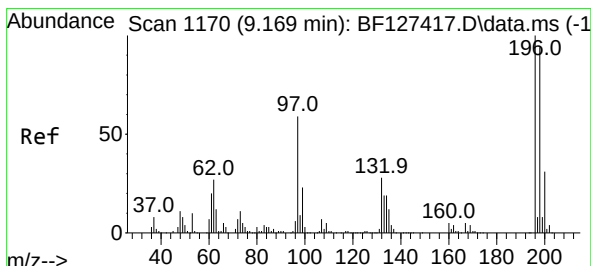
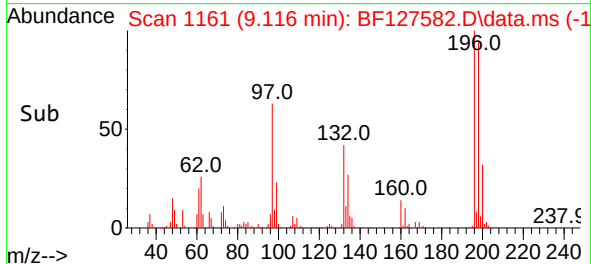
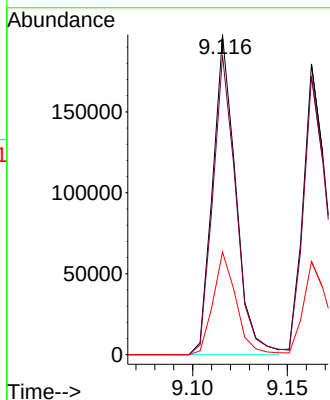
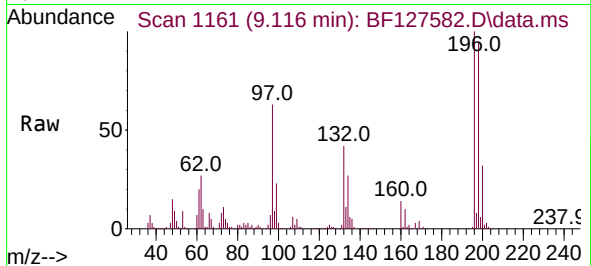




#43
2,4,6-Trichlorophenol
Concen: 40.570 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

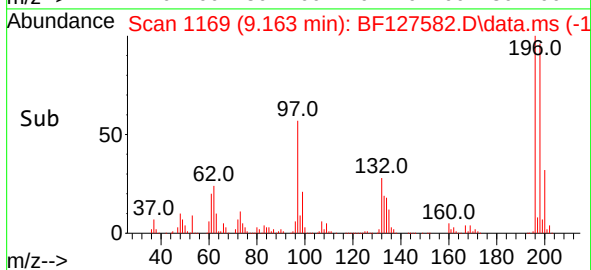
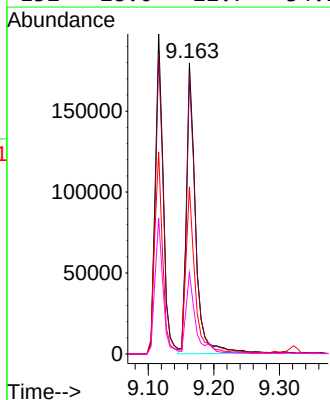
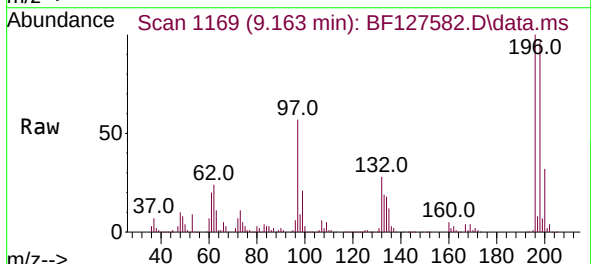
Instrument :
BNA_F
ClientSampleId :
PB143716BS

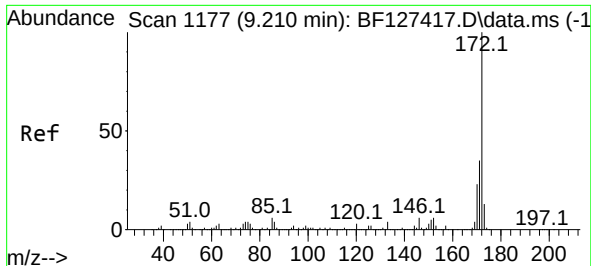
Tgt Ion:196 Resp: 166942
Ion Ratio Lower Upper
196 100
198 93.6 77.8 116.6
200 32.1 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 41.092 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:196 Resp: 174059
Ion Ratio Lower Upper
196 100
198 95.8 75.3 112.9
97 57.5 46.8 70.2
132 28.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 73.295 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

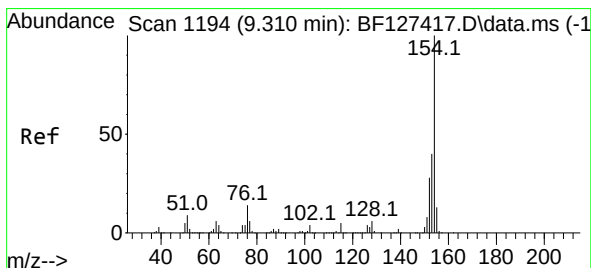
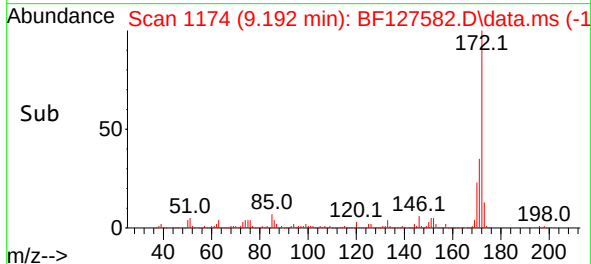
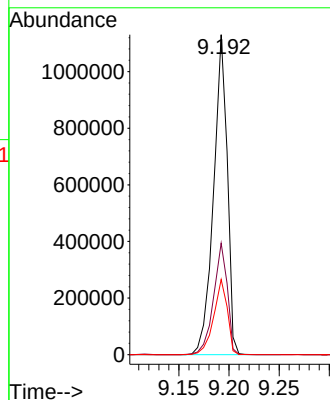
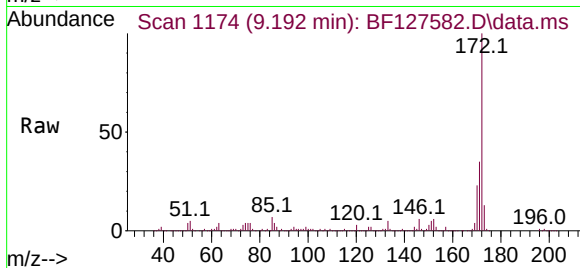
Tgt Ion:172 Resp: 1074657

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 39.830 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

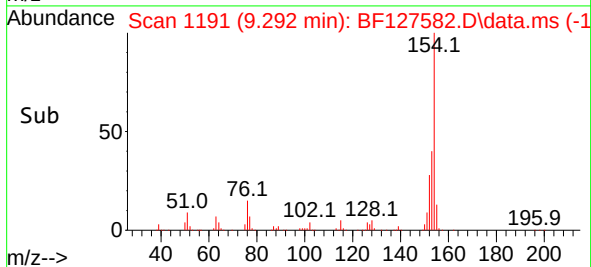
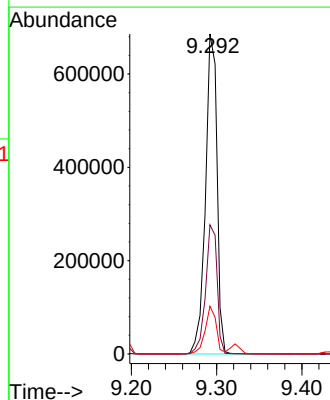
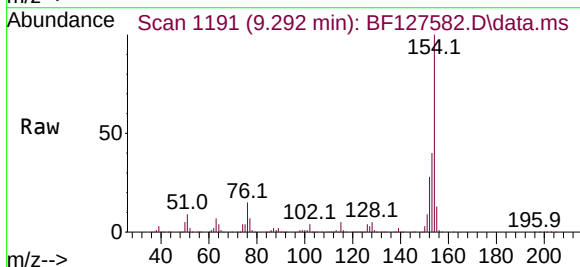
Tgt Ion:154 Resp: 644064

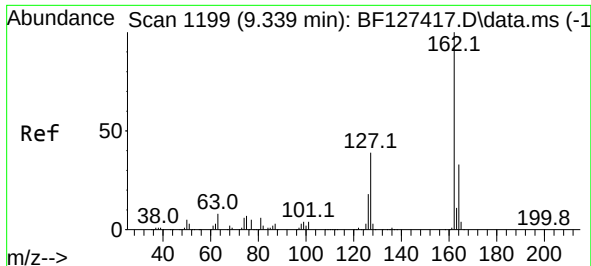
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 14.9 0.0 33.9





#47

2-Chloronaphthalene

Concen: 40.000 ng

RT: 9.322 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

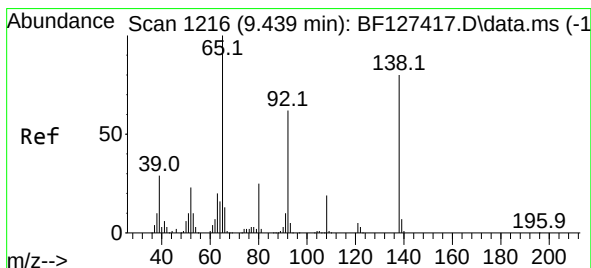
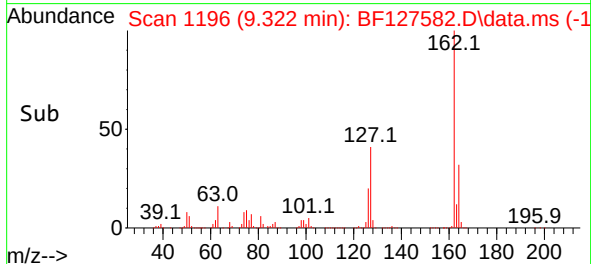
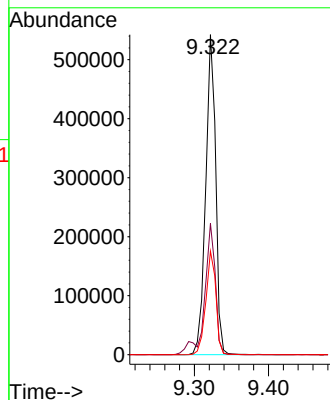
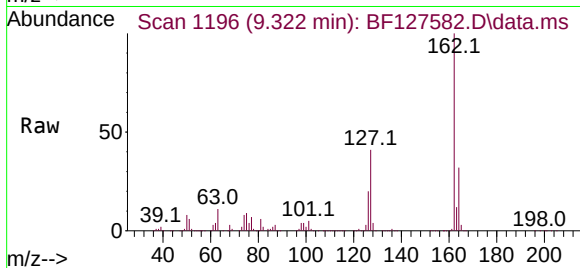
Tgt Ion:162 Resp: 509340

Ion Ratio Lower Upper

162 100

127 41.0 31.8 47.6

164 32.3 26.4 39.6



#48

2-Nitroaniline

Concen: 41.474 ng

RT: 9.433 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

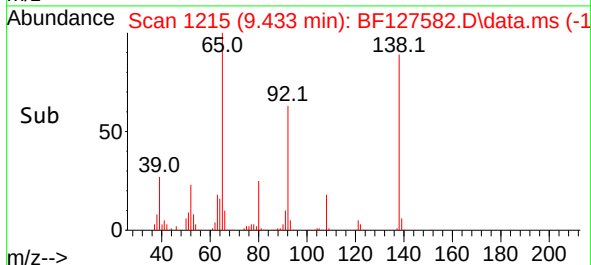
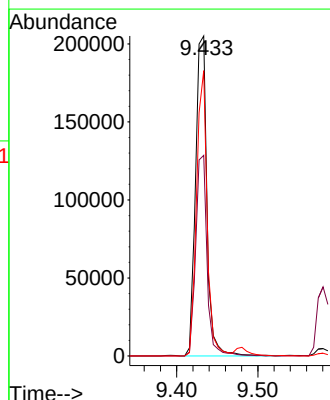
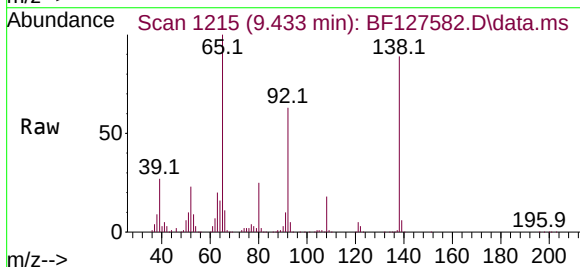
Tgt Ion: 65 Resp: 202401

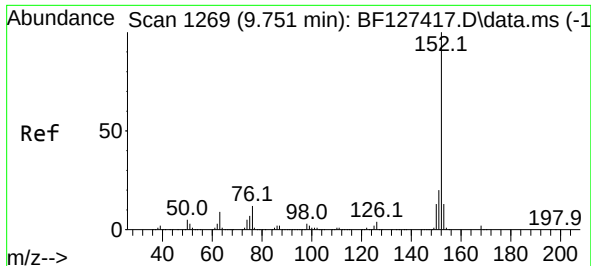
Ion Ratio Lower Upper

65 100

92 62.7 50.0 75.0

138 89.2 64.1 96.1





#49

Acenaphthylene

Concen: 40.653 ng

RT: 9.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

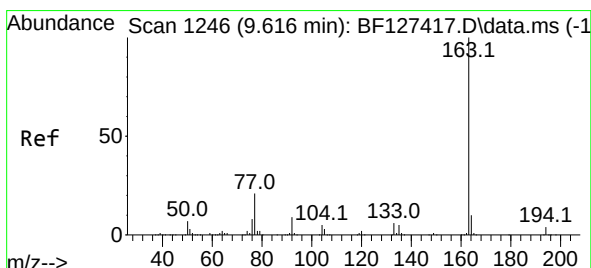
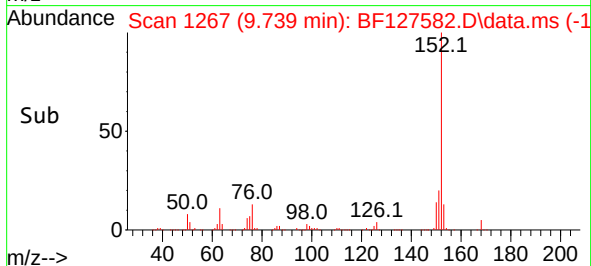
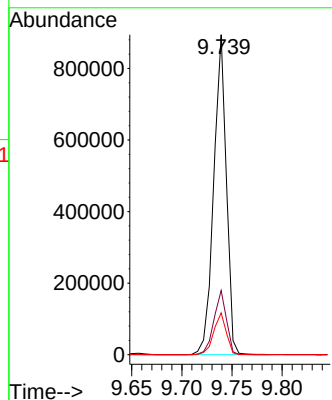
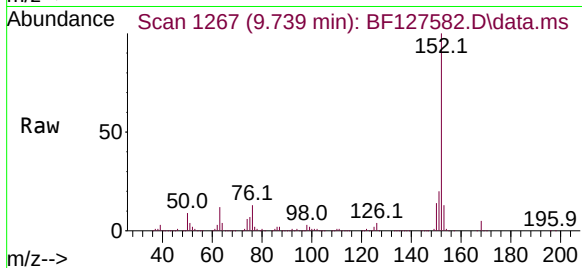
Tgt Ion:152 Resp: 782588

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 40.789 ng

RT: 9.598 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

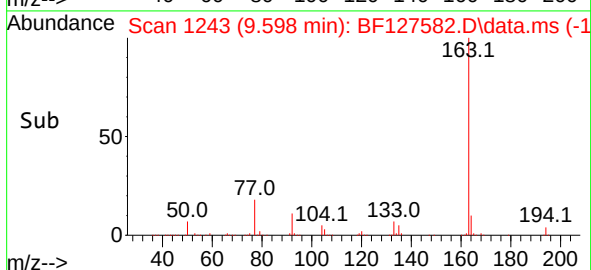
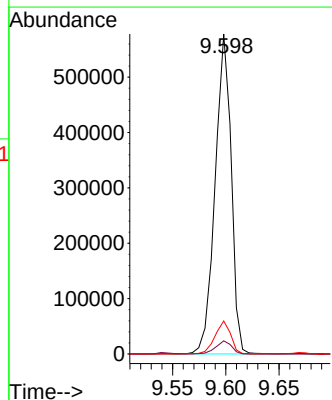
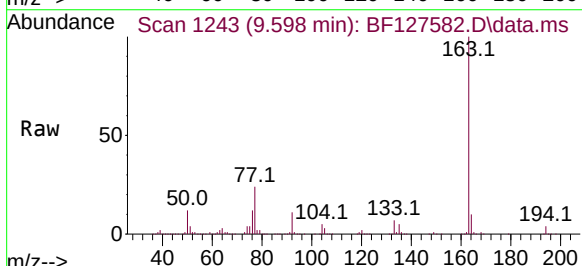
Tgt Ion:163 Resp: 607529

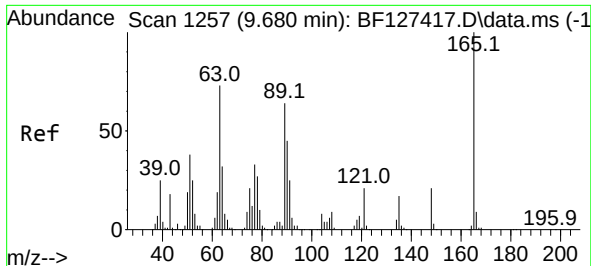
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 7.8 11.8

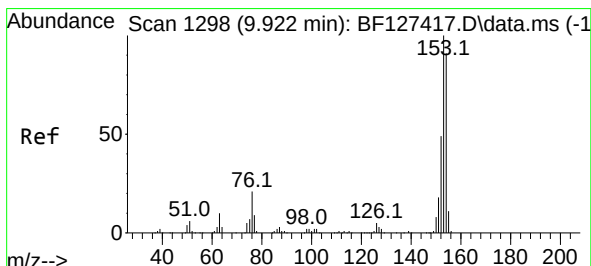
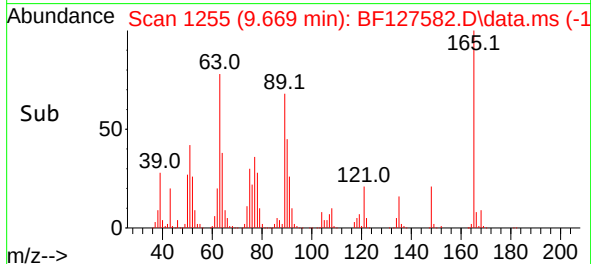
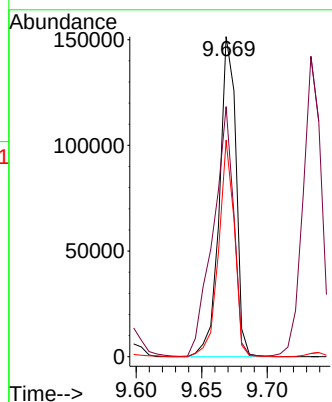
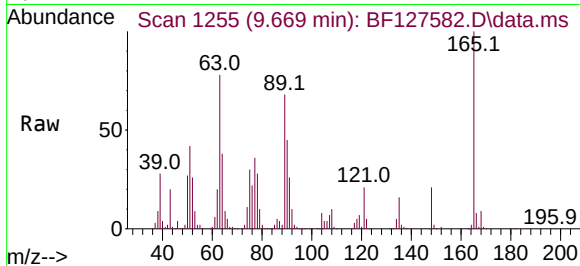




#51
2,6-Dinitrotoluene
Concen: 42.451 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

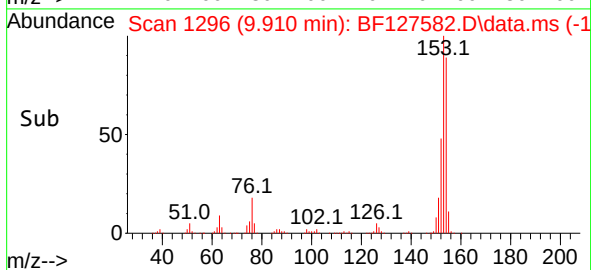
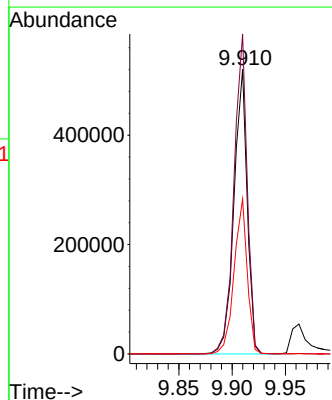
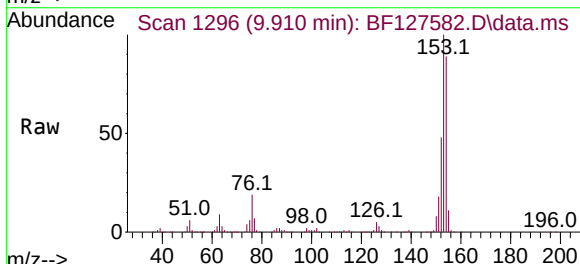
Instrument :
BNA_F
ClientSampleId :
PB143716BS

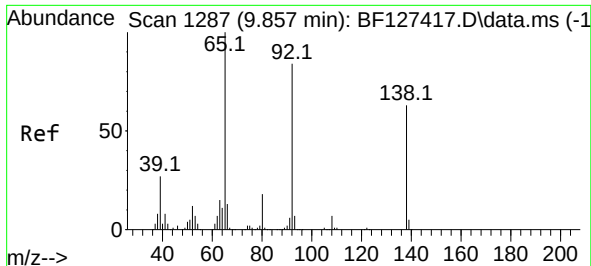
Tgt Ion:165 Resp: 132726
Ion Ratio Lower Upper
165 100
63 78.2 58.3 87.5
89 67.6 51.5 77.3



#52
Acenaphthene
Concen: 40.293 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:154 Resp: 452559
Ion Ratio Lower Upper
154 100
153 112.5 87.6 131.4
152 54.4 42.9 64.3

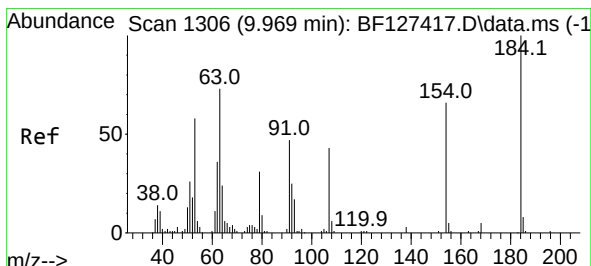
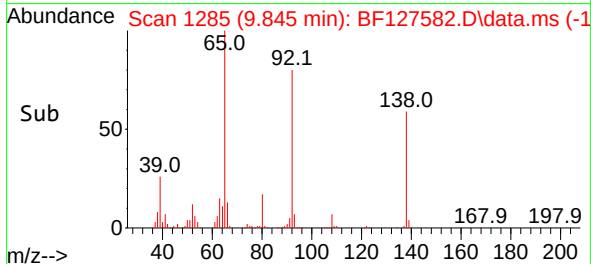
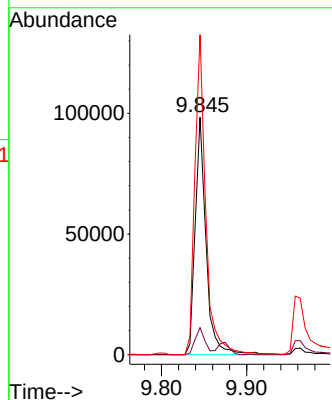
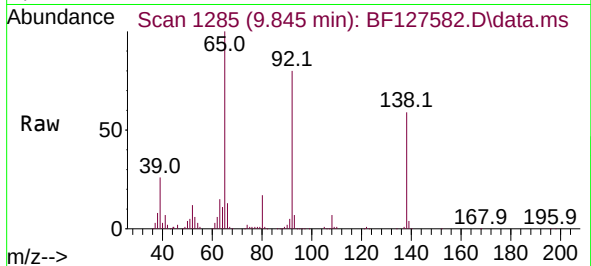




#53
3-Nitroaniline
Concen: 25.358 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

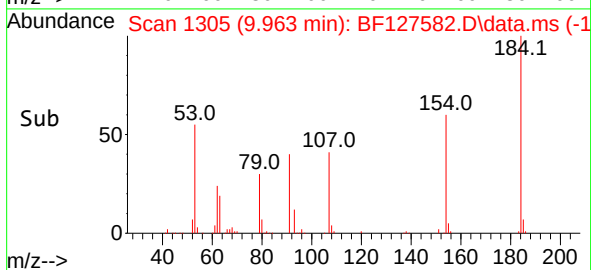
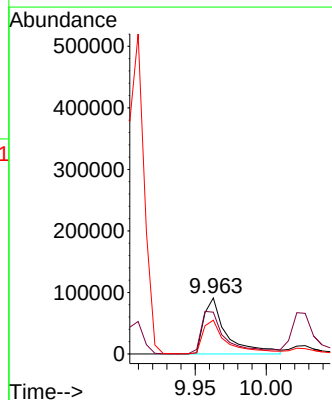
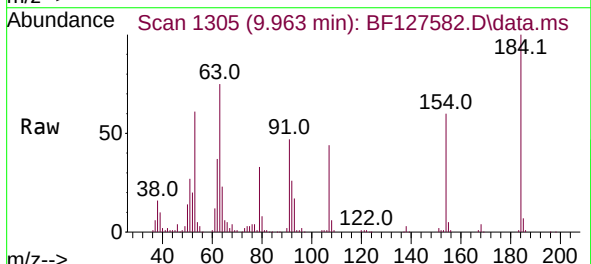
Instrument :
BNA_F
ClientSampleId :
PB143716BS

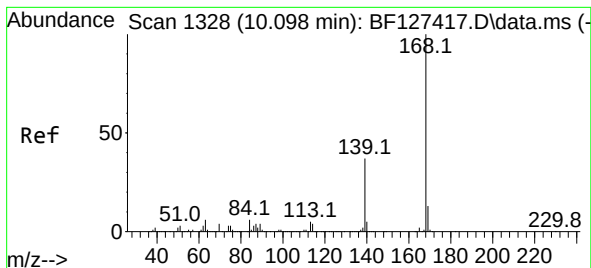
Tgt Ion:138 Resp: 86968
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 134.8 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 66.504 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:184 Resp: 102343
Ion Ratio Lower Upper
184 100
63 74.7 58.1 87.1
154 60.3 53.2 79.8





#55

Dibenzofuran

Concen: 40.540 ng

RT: 10.080 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

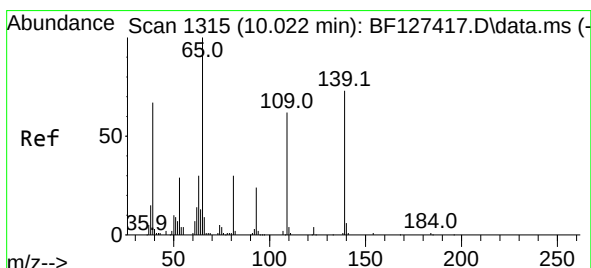
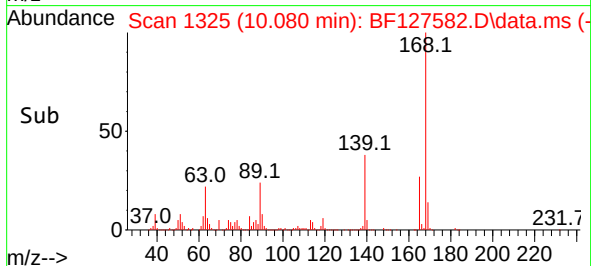
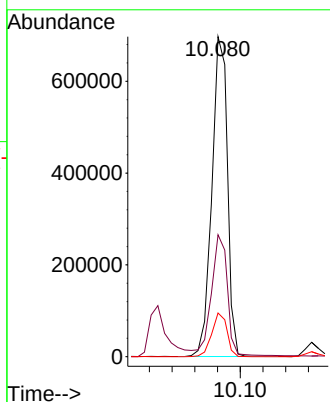
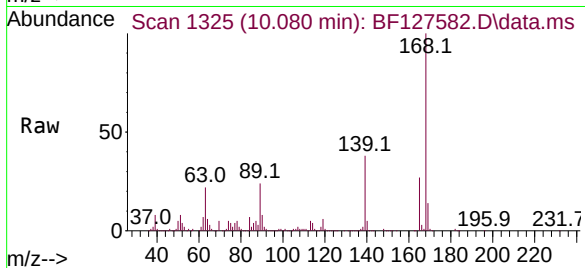
Tgt Ion:168 Resp: 662330

Ion Ratio Lower Upper

168 100

139 38.1 30.3 45.5

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 68.871 ng

RT: 10.027 min Scan# 1316

Delta R.T. 0.012 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

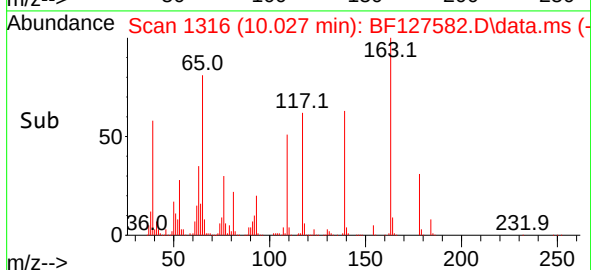
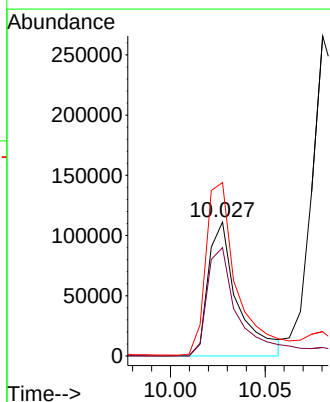
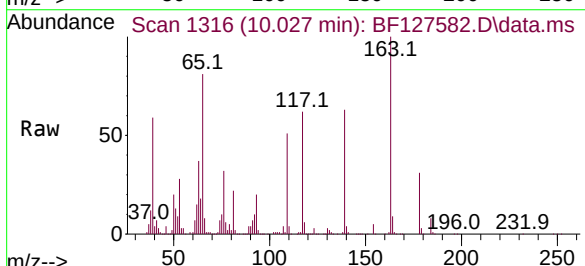
Tgt Ion:139 Resp: 120220

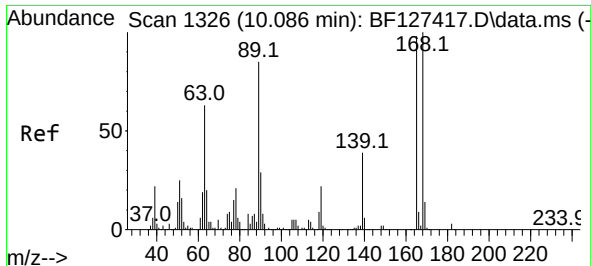
Ion Ratio Lower Upper

139 100

109 80.9 64.3 104.3

65 129.6 117.5 157.5

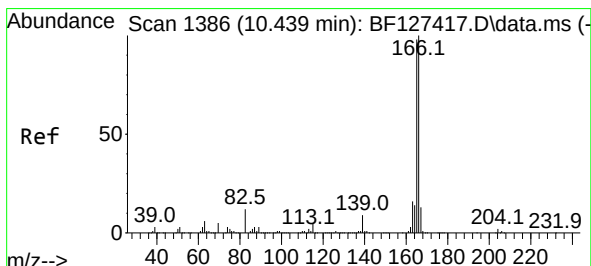
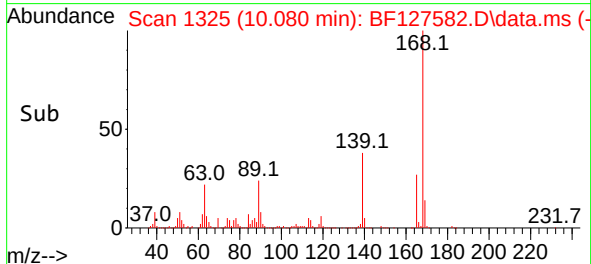
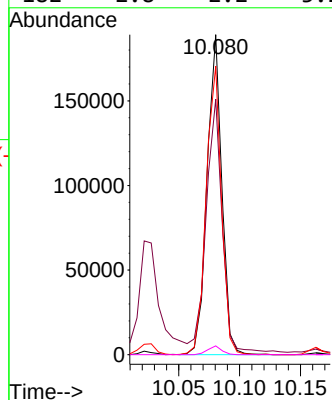
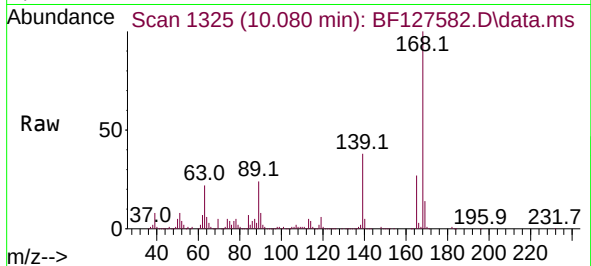




#57
2,4-Dinitrotoluene
Concen: 39.835 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

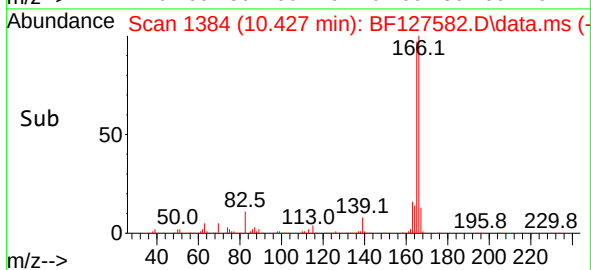
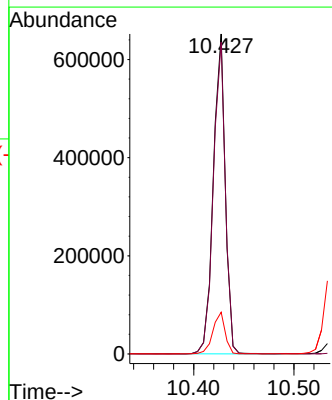
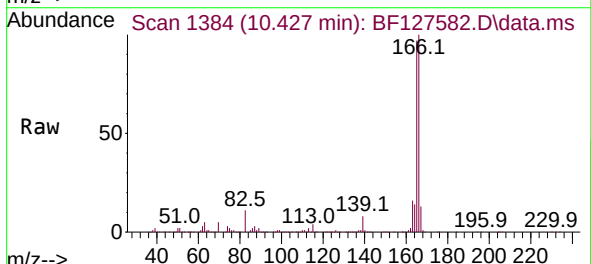
Instrument :
BNA_F
ClientSampleId :
PB143716BS

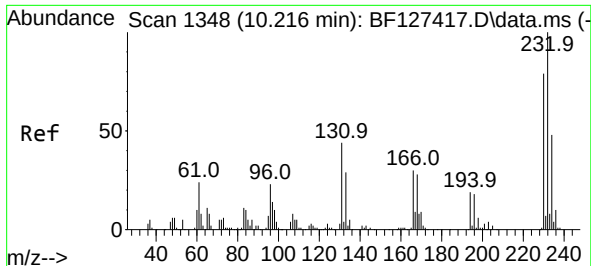
Tgt Ion:165 Resp: 160312
Ion Ratio Lower Upper
165 100
63 79.8 53.1 79.7#
89 90.2 69.2 103.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 41.301 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:166 Resp: 539988
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.746 ng

RT: 10.204 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

Tgt Ion:232 Resp: 145106

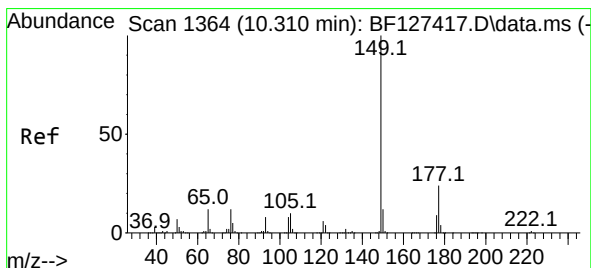
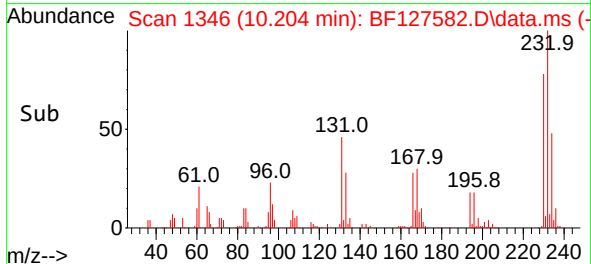
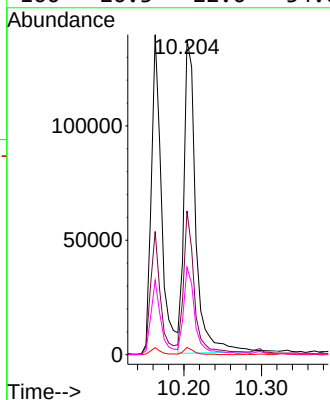
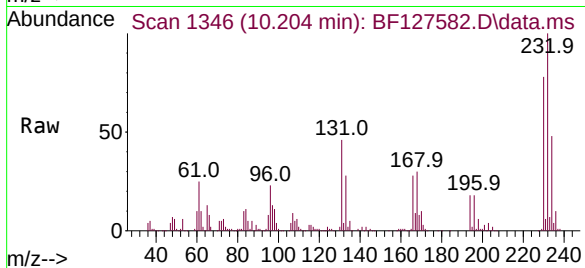
Ion Ratio Lower Upper

232 100

131 40.7 33.4 50.0

130 2.1 1.8 2.6

166 26.3 22.6 34.0



#60

Diethylphthalate

Concen: 40.446 ng

RT: 10.298 min Scan# 1362

Delta R.T. 0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

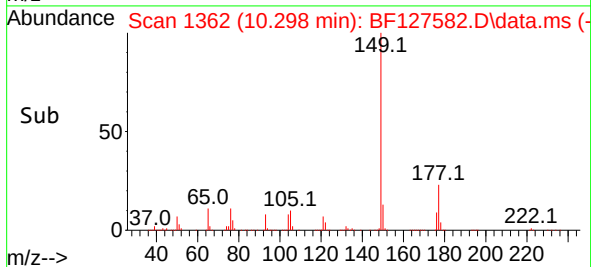
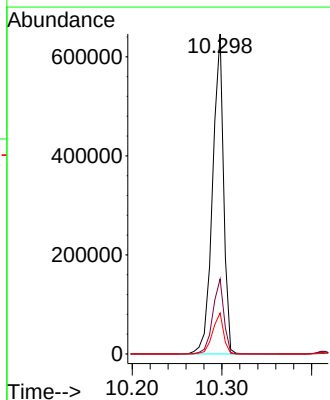
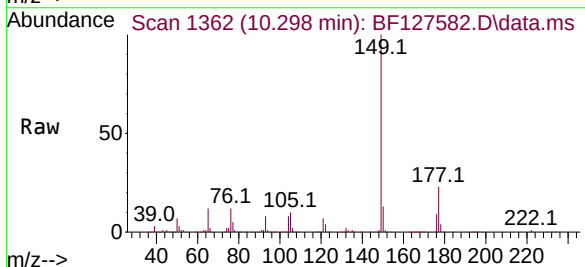
Tgt Ion:149 Resp: 550241

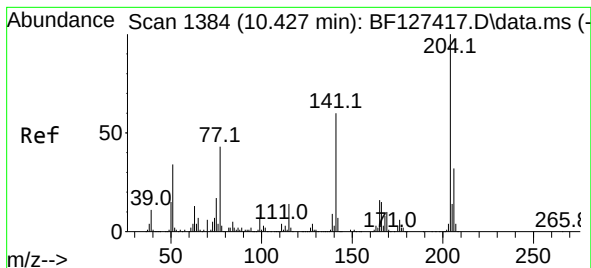
Ion Ratio Lower Upper

149 100

177 23.4 18.9 28.3

150 12.8 10.0 15.0

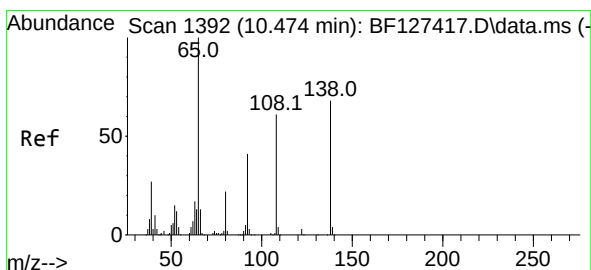
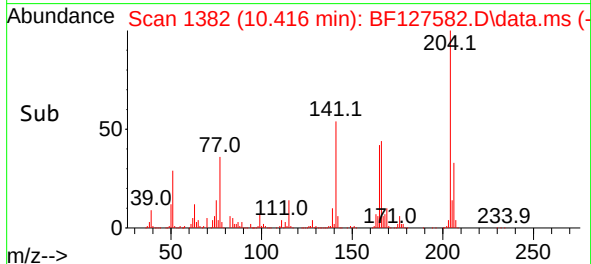
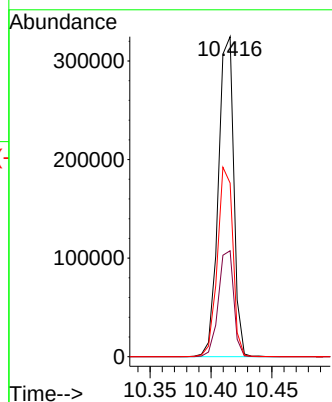
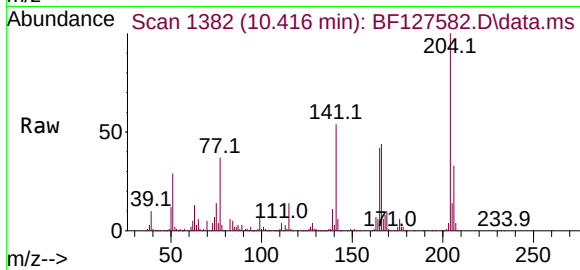




#61
4-Chlorophenyl-phenylether
Concen: 37.274 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

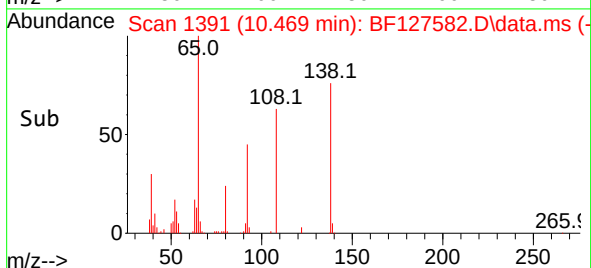
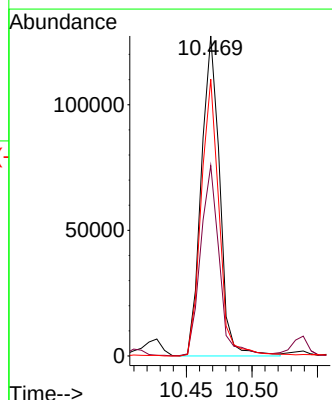
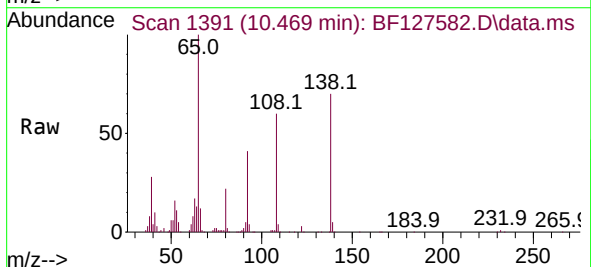
Instrument :
BNA_F
ClientSampleId :
PB143716BS

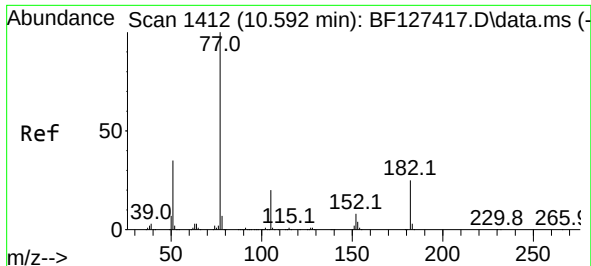
Tgt Ion:204 Resp: 286939
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 54.3 47.8 71.8



#62
4-Nitroaniline
Concen: 38.715 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:138 Resp: 124372
Ion Ratio Lower Upper
138 100
92 59.5 40.5 80.5
108 86.5 69.2 109.2

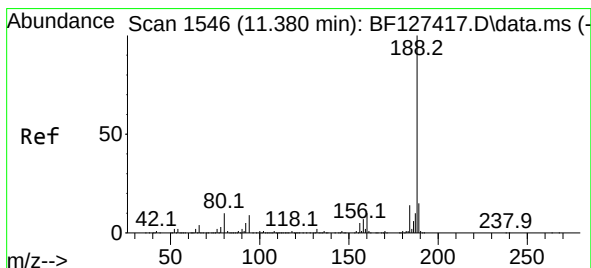
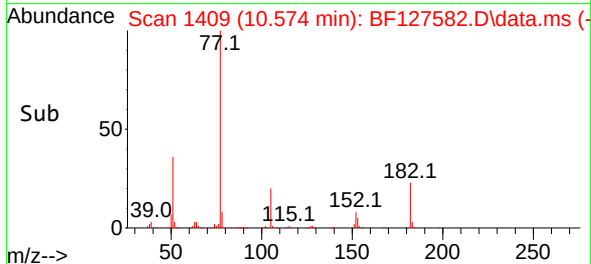
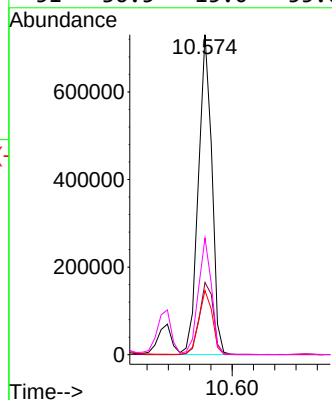
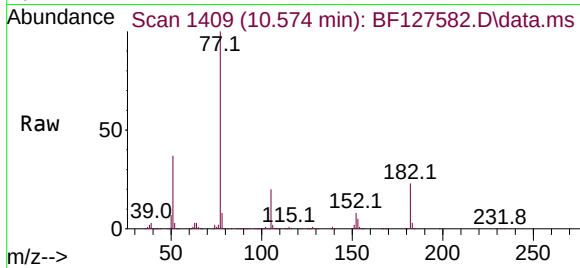




#63
Azobenzene
Concen: 39.984 ng
RT: 10.574 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

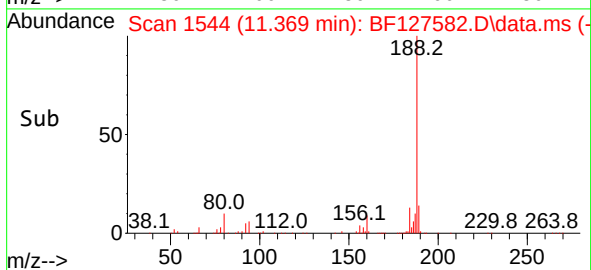
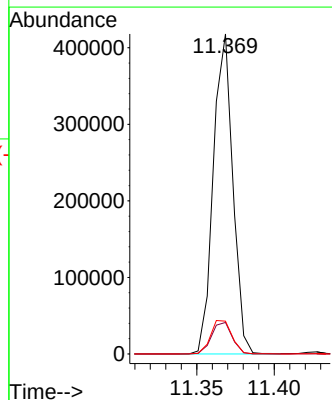
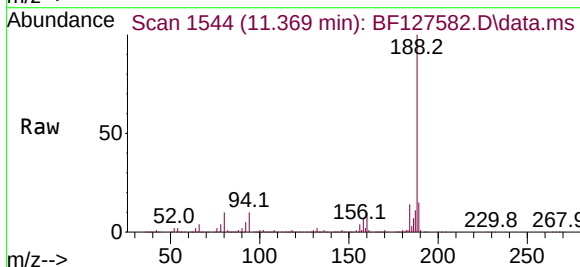
Instrument :
BNA_F
ClientSampleId :
PB143716BS

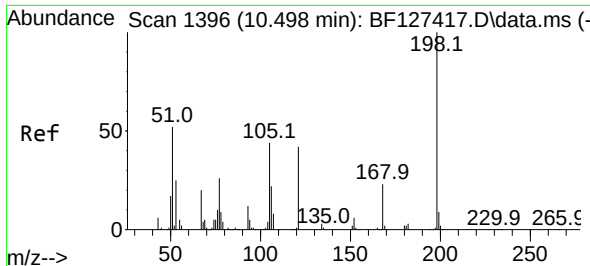
Tgt Ion: 77	Resp: 641828
Ion Ratio	Lower Upper
77 100	
182 22.6	4.5 44.5
105 20.0	0.3 40.3
51 36.5	15.0 55.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion: 188	Resp: 365688
Ion Ratio	Lower Upper
188 100	
94 9.8	7.4 11.0
80 10.2	8.0 12.0

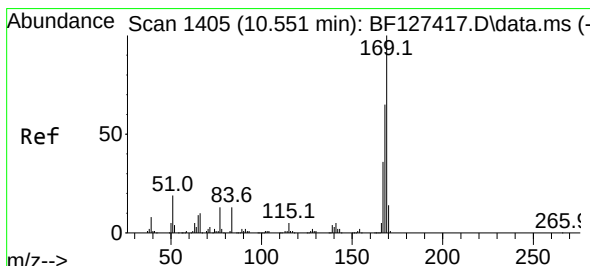
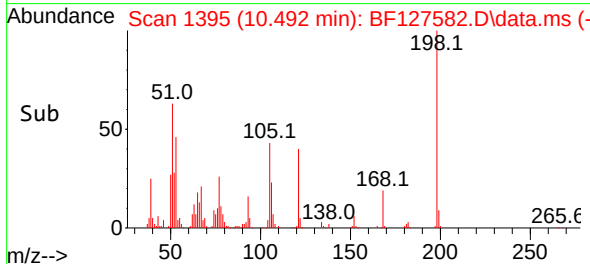
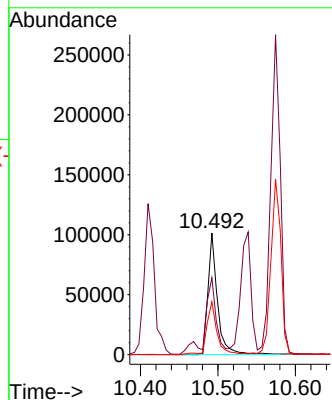
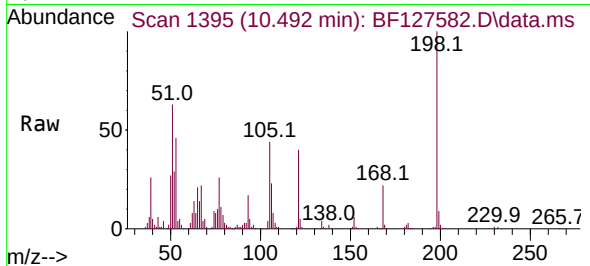




#65
4,6-Dinitro-2-methylphenol
Concen: 38.706 ng
RT: 10.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

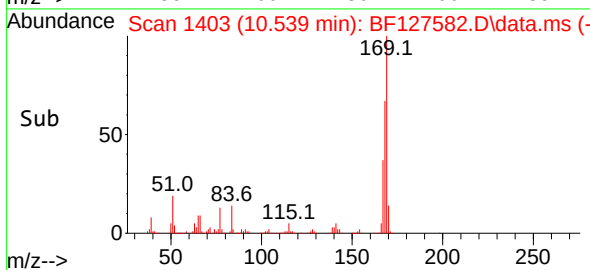
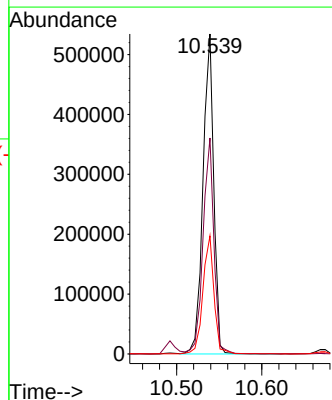
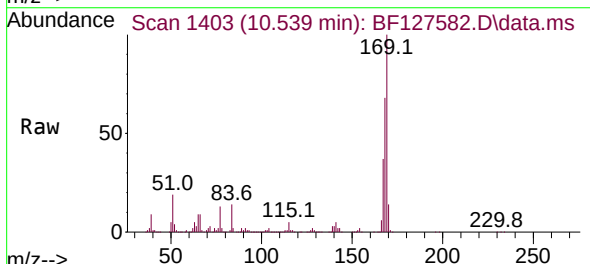
Instrument :
BNA_F
ClientSampleId :
PB143716BS

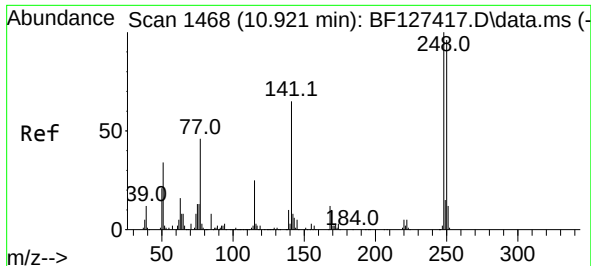
Tgt Ion:198 Resp: 87094
Ion Ratio Lower Upper
198 100
51 63.4 42.7 82.7
105 43.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 42.036 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:169 Resp: 467937
Ion Ratio Lower Upper
169 100
168 67.5 52.7 79.1
167 36.9 28.9 43.3

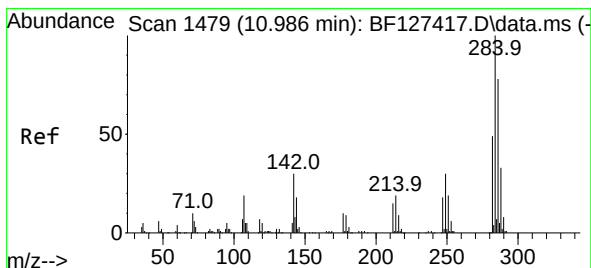
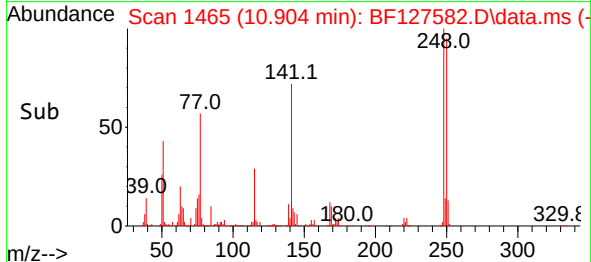
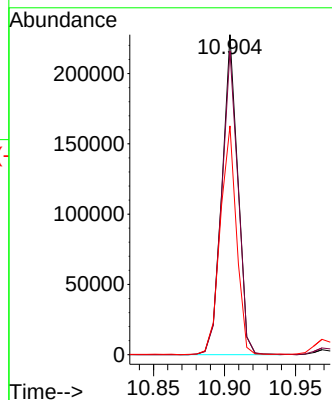
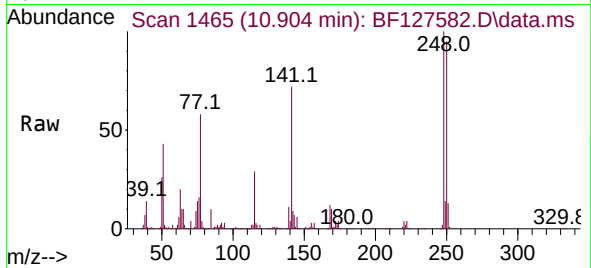




#67
4-Bromophenyl-phenylether
Concen: 41.402 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

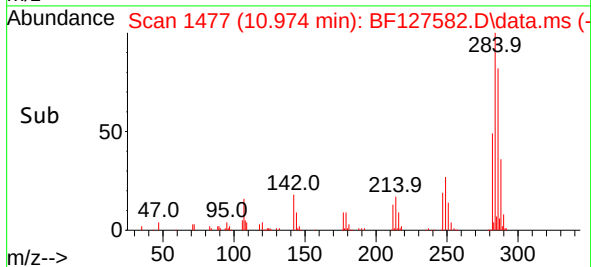
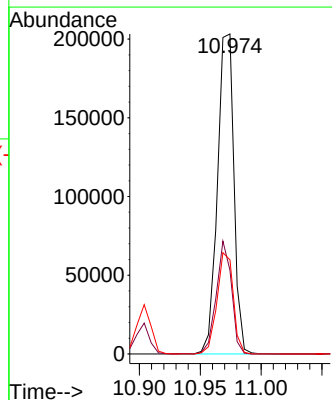
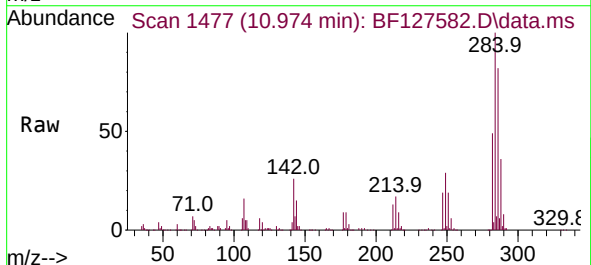
Instrument :
BNA_F
ClientSampleId :
PB143716BS

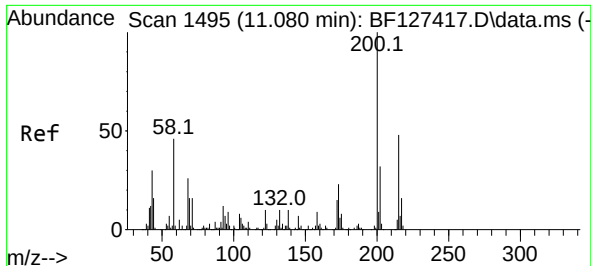
Tgt Ion:248 Resp: 176763
Ion Ratio Lower Upper
248 100
250 94.9 76.6 115.0
141 71.5 52.2 78.2



#68
Hexachlorobenzene
Concen: 41.220 ng
RT: 10.974 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:284 Resp: 192099
Ion Ratio Lower Upper
284 100
142 26.2 23.8 35.8
249 29.4 23.9 35.9

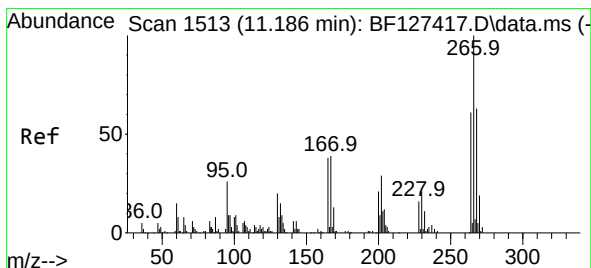
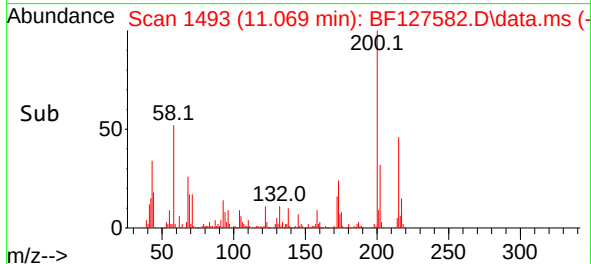
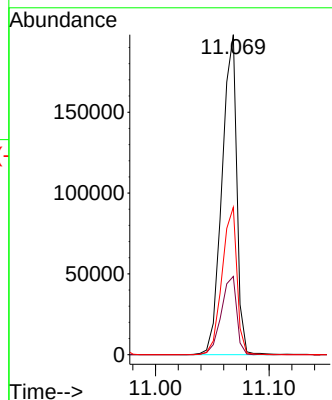
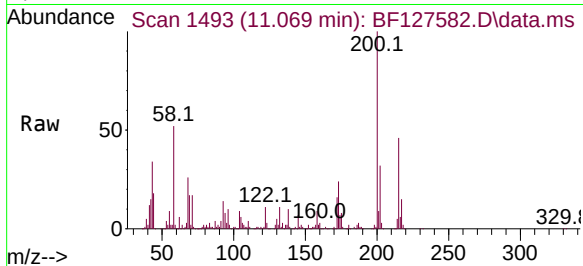




#69
 Atrazine
 Concen: 48.490 ng
 RT: 11.069 min Scan# 1495
 Delta R.T. 0.006 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

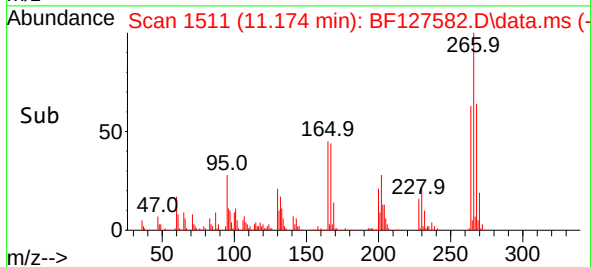
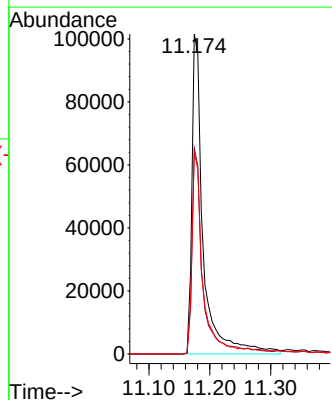
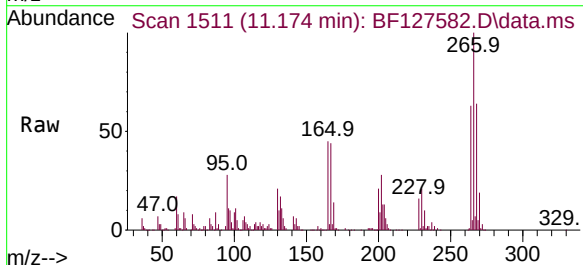
Instrument :
 BNA_F
 ClientSampleId :
 PB143716BS

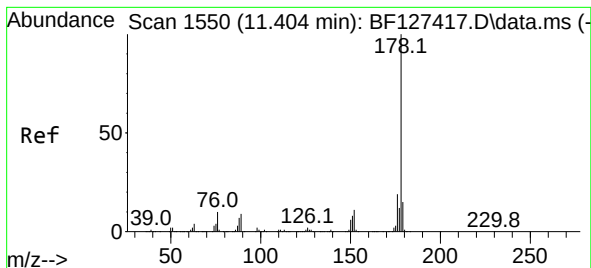
Tgt Ion:200 Resp: 179696
 Ion Ratio Lower Upper
 200 100
 173 24.5 2.9 42.9
 215 46.0 28.0 68.0



#70
 Pentachlorophenol
 Concen: 73.775 ng
 RT: 11.174 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

Tgt Ion:266 Resp: 131717
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.4 75.6
 264 62.8 48.5 72.7





#71

Phenanthrene

Concen: 41.224 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

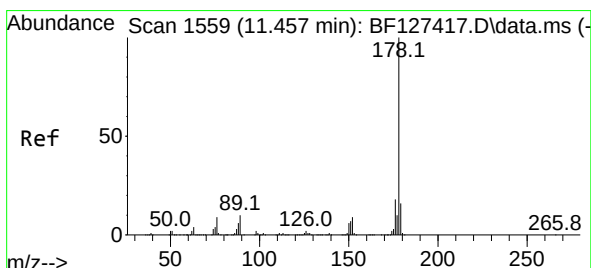
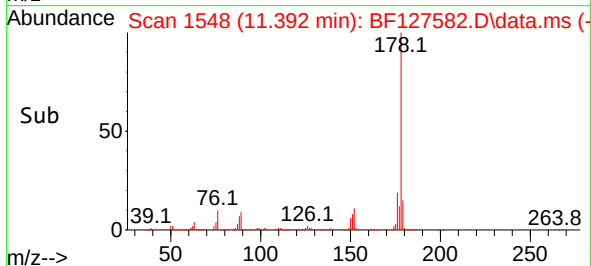
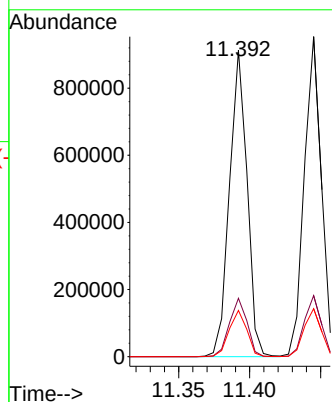
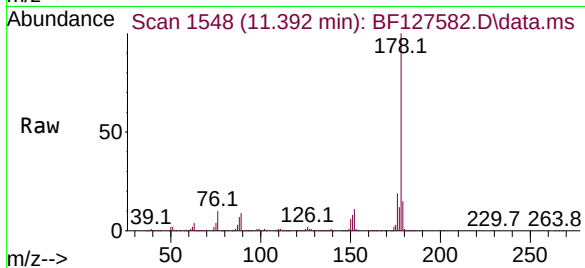
Tgt Ion:178 Resp: 785922

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.1 12.4 18.6



#72

Anthracene

Concen: 42.405 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

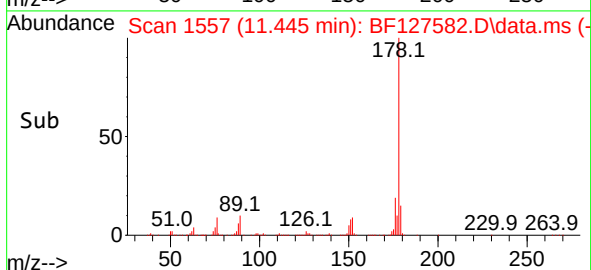
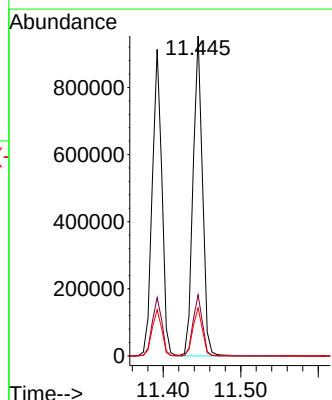
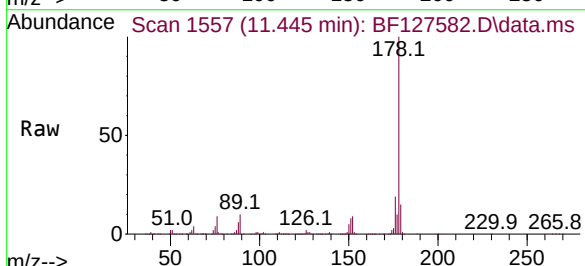
Tgt Ion:178 Resp: 802268

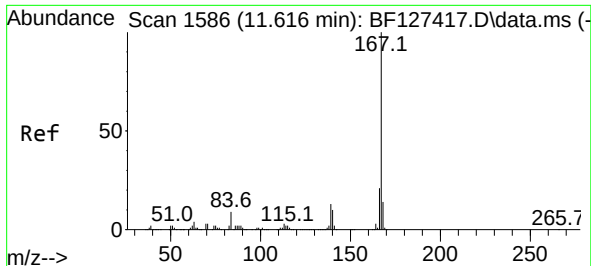
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.0 12.4 18.6

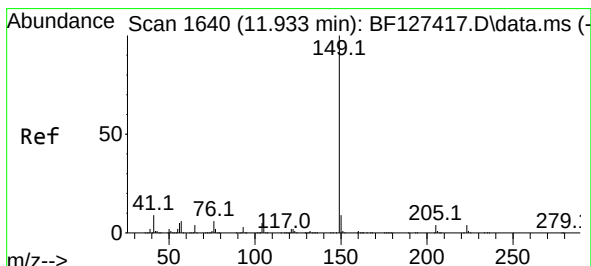
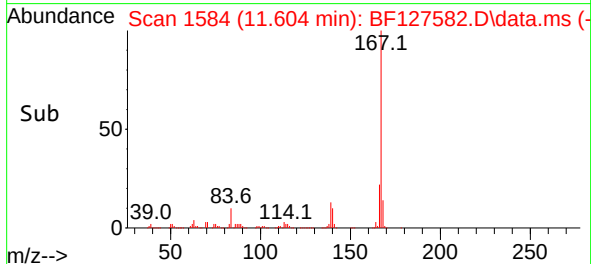
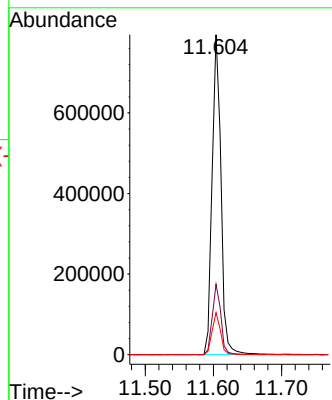
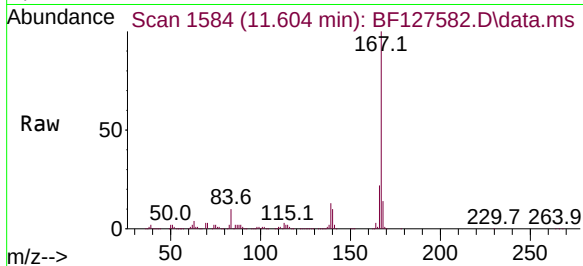




#73
Carbazole
Concen: 39.611 ng
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

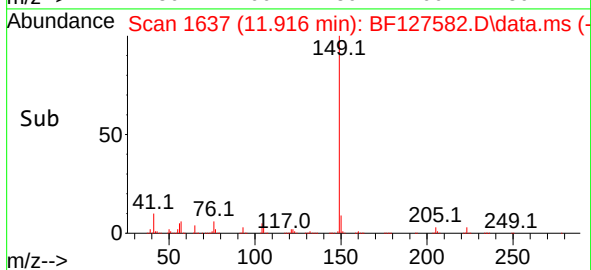
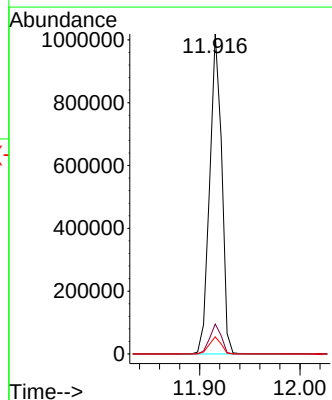
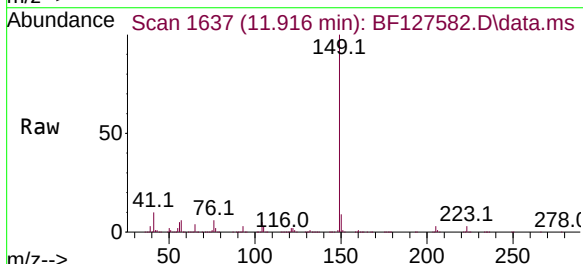
Instrument :
BNA_F
ClientSampleId :
PB143716BS

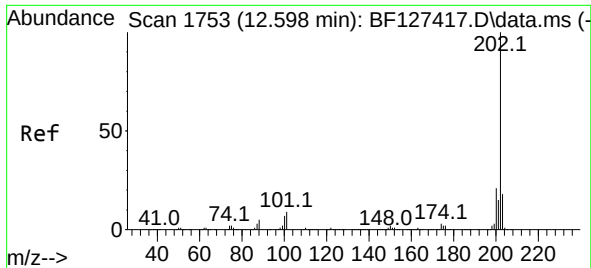
Tgt Ion:167 Resp: 716687
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.4
139 13.1 10.5 15.7



#74
Di-n-butylphthalate
Concen: 45.208 ng
RT: 11.916 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:149 Resp: 846669
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.4 4.2 6.2

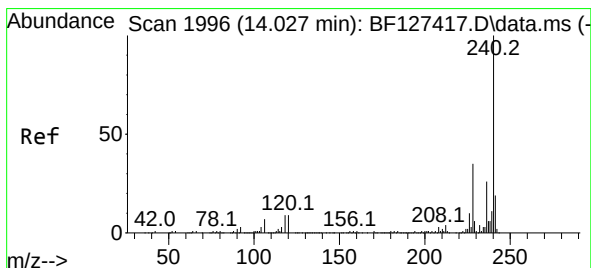
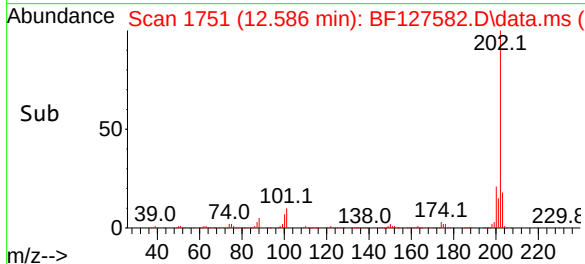
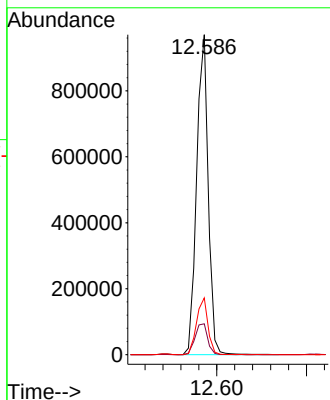
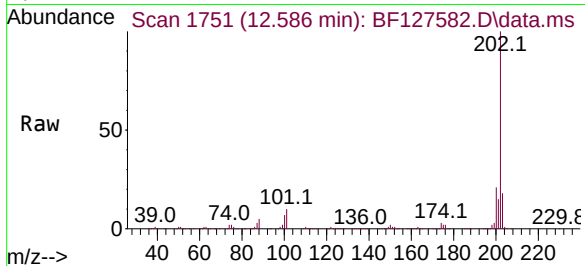




#75
Fluoranthene
Concen: 41.269 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

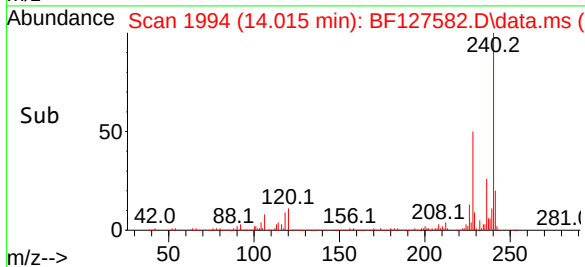
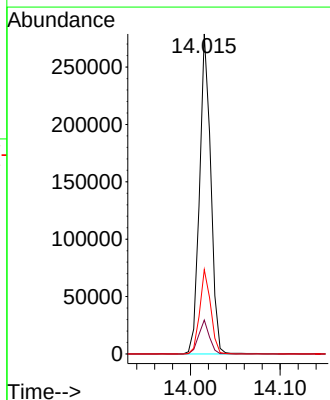
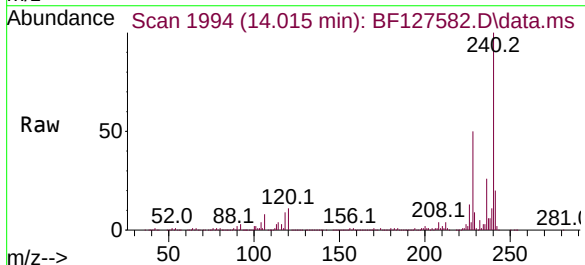
Instrument :
BNA_F
ClientSampleId :
PB143716BS

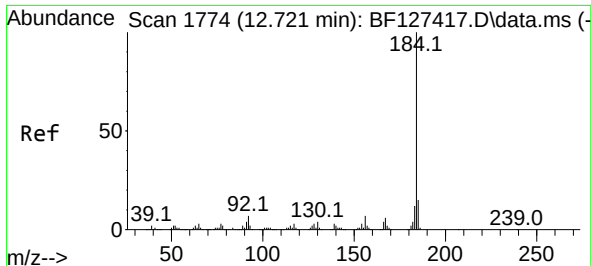
Tgt Ion:202 Resp: 865384
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:240 Resp: 241618
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 26.4 20.7 31.1

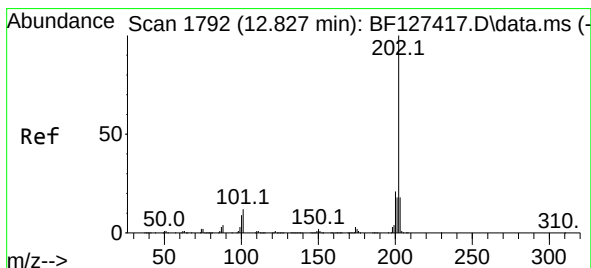
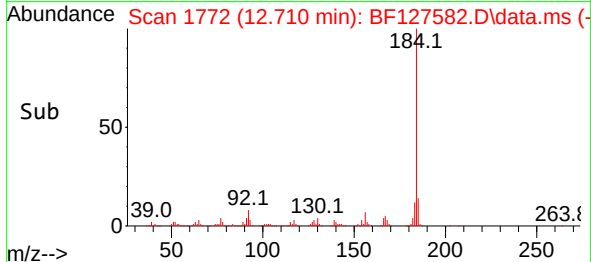
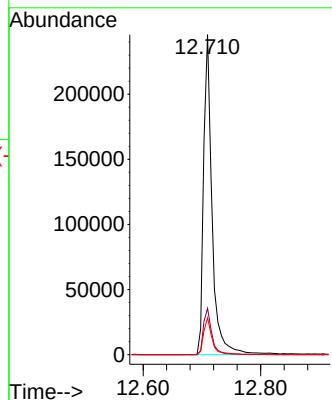
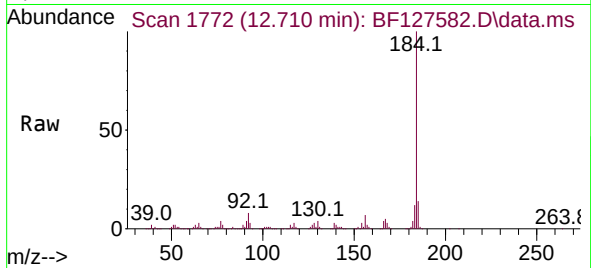




#77
Benzidine
Concen: 42.825 ng
RT: 12.710 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

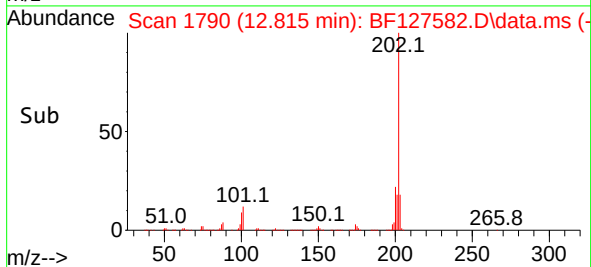
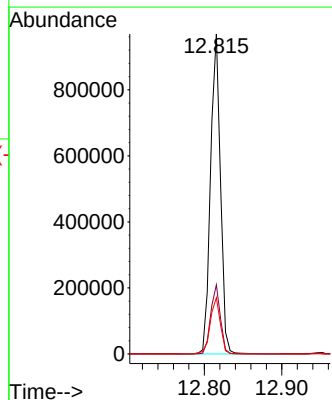
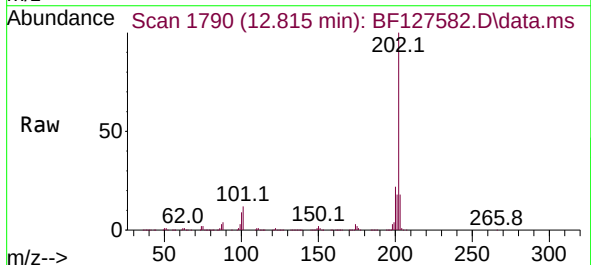
Instrument :
BNA_F
ClientSampleId :
PB143716BS

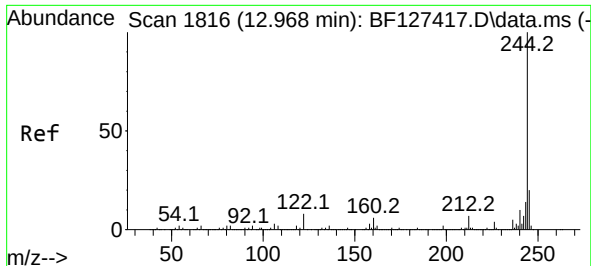
Tgt Ion:184 Resp: 246722
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 11.5 9.4 14.0



#78
Pyrene
Concen: 41.502 ng
RT: 12.815 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

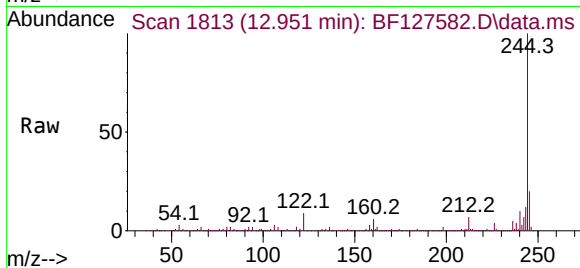
Tgt Ion:202 Resp: 860584
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.6 14.3 21.5



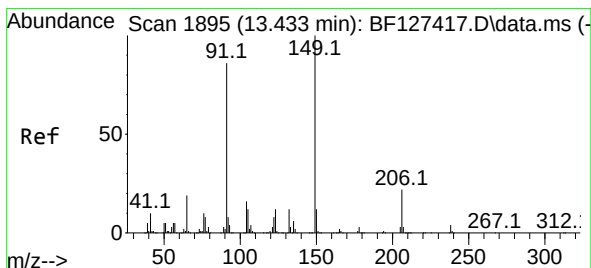
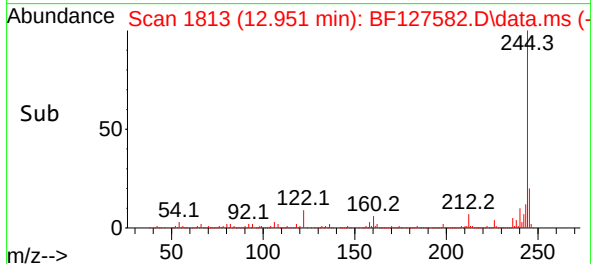
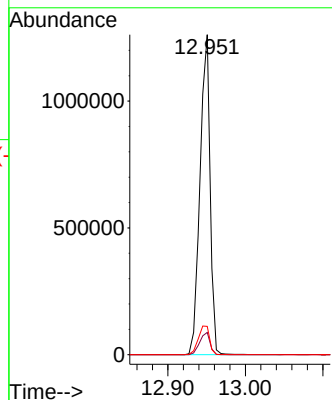


#79
 Terphenyl-d14
 Concen: 77.194 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB143716BS

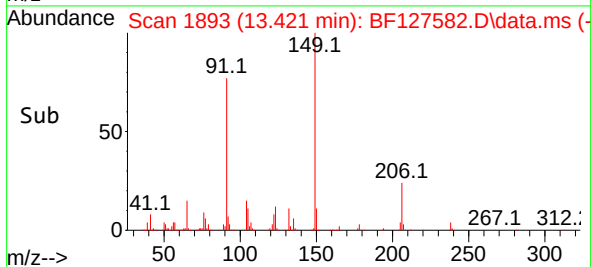
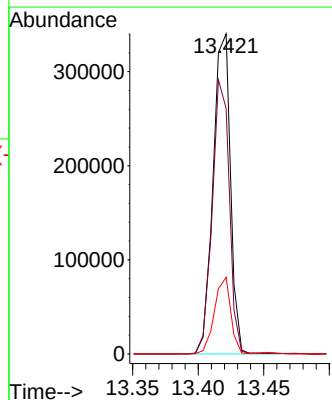
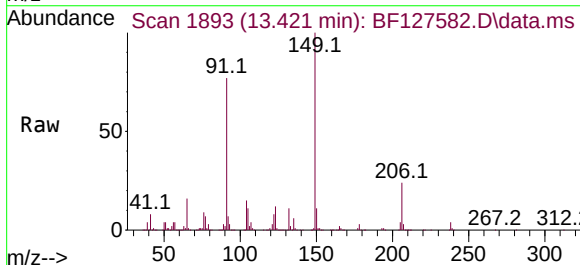


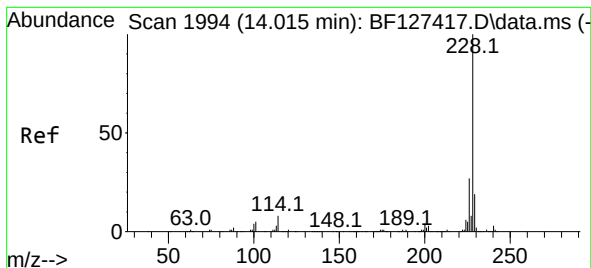
Tgt Ion:244 Resp: 1139358
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.8 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 46.018 ng
 RT: 13.421 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: BF127582.D
 Acq: 30 Mar 2022 12:26

Tgt Ion:149 Resp: 314062
 Ion Ratio Lower Upper
 149 100
 91 76.7 69.1 103.7
 206 24.0 17.7 26.5





#81

Benzo(a)anthracene

Concen: 41.059 ng

RT: 14.004 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

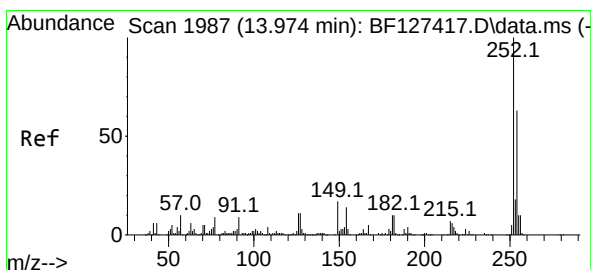
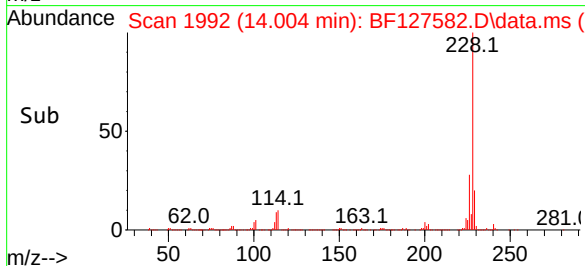
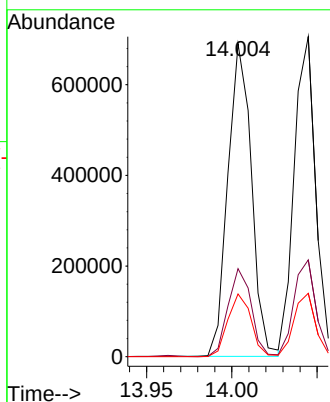
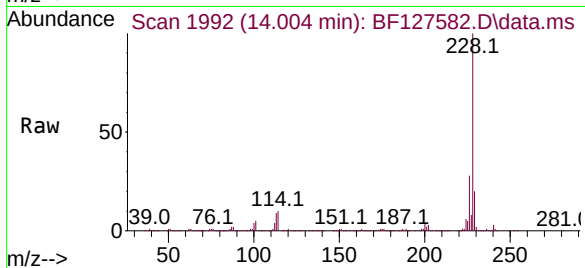
Tgt Ion:228 Resp: 663430

Ion Ratio Lower Upper

228 100

226 28.1 21.6 32.4

229 20.1 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 24.584 ng

RT: 13.962 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

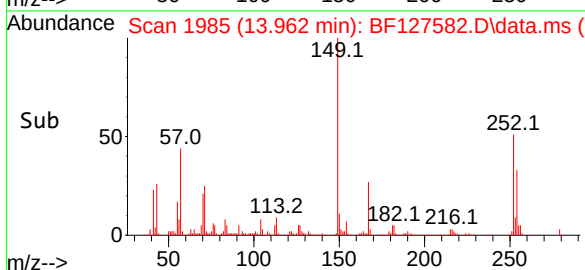
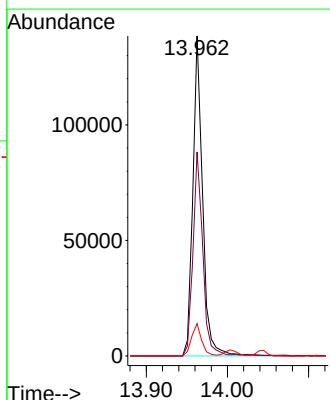
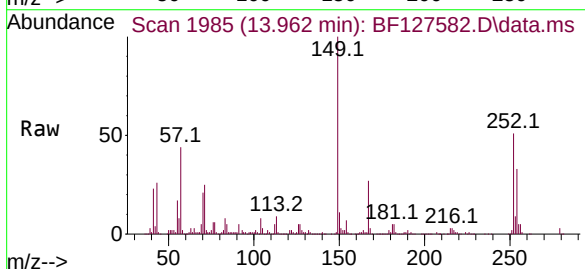
Tgt Ion:252 Resp: 116745

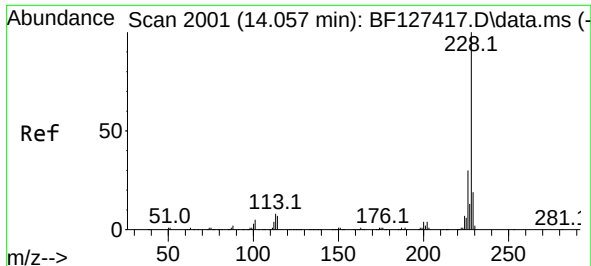
Ion Ratio Lower Upper

252 100

254 63.8 50.2 75.4

126 10.1 8.7 13.1

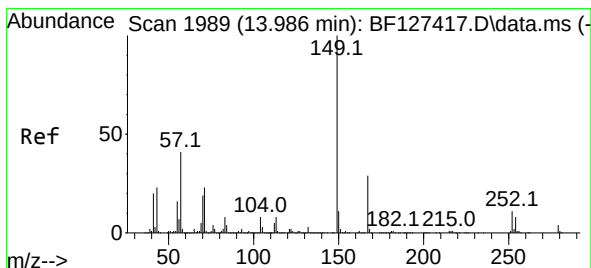
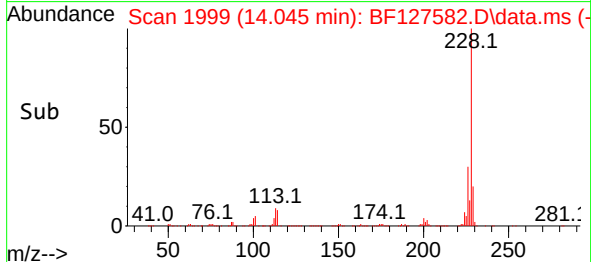
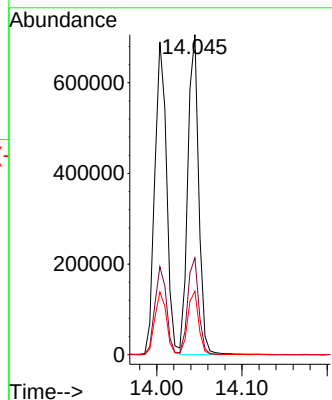
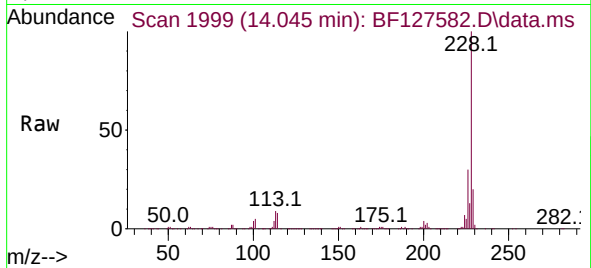




#83
Chrysene
Concen: 40.987 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

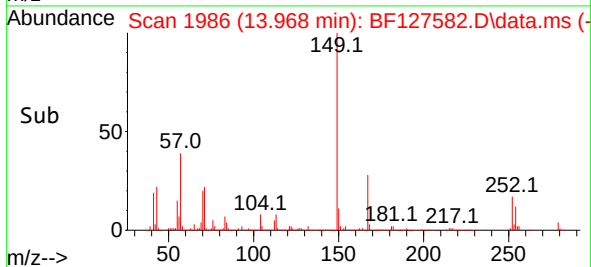
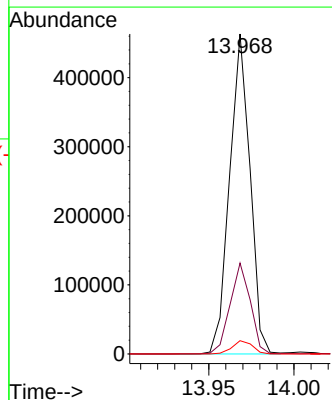
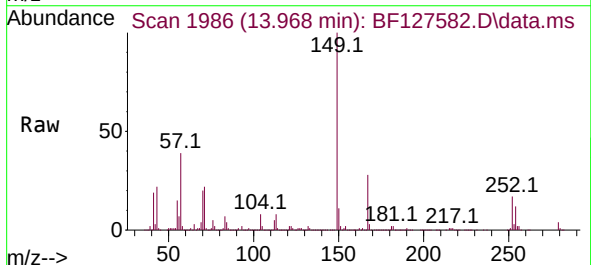
Instrument :
BNA_F
ClientSampleId :
PB143716BS

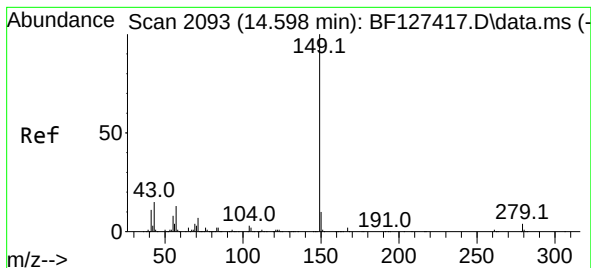
Tgt Ion:228 Resp: 627140
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 19.8 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.005 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:149 Resp: 386610
Ion Ratio Lower Upper
149 100
167 28.4 22.9 34.3
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 56.016 ng

RT: 14.580 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

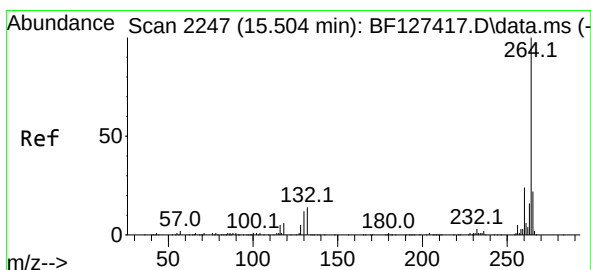
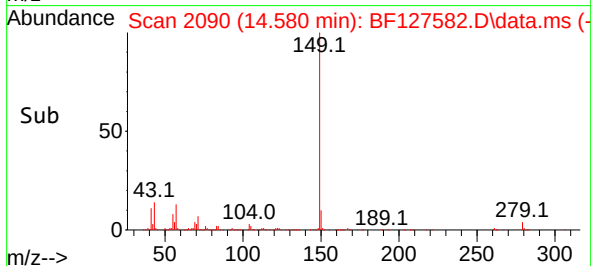
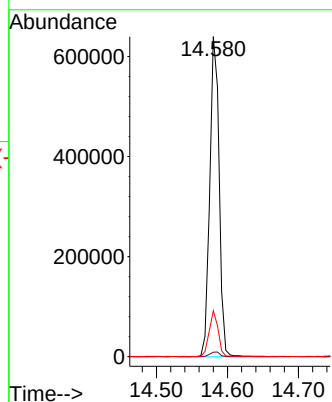
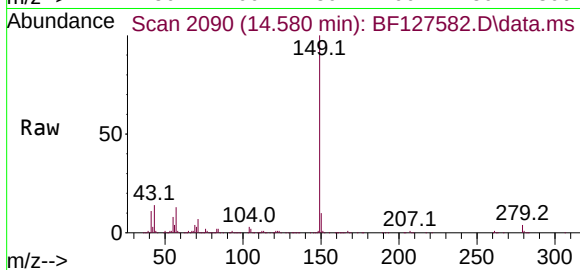
Tgt Ion:149 Resp: 588072

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

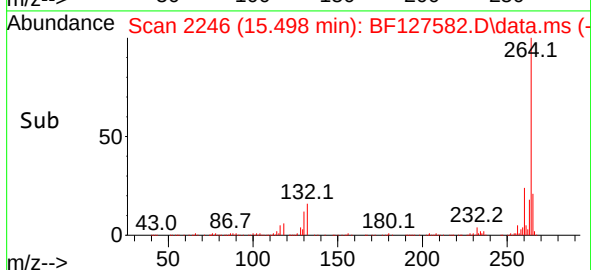
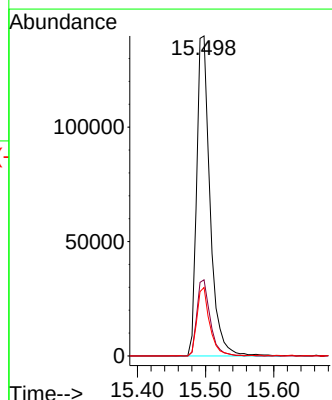
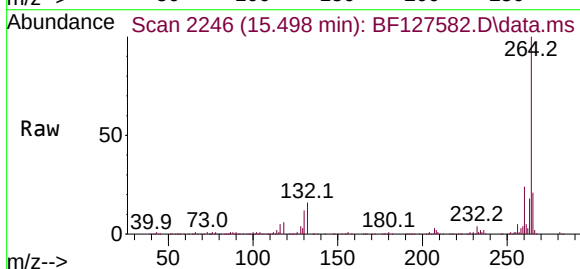
Tgt Ion:264 Resp: 190260

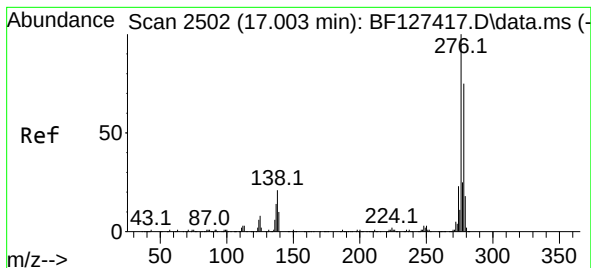
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.582 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

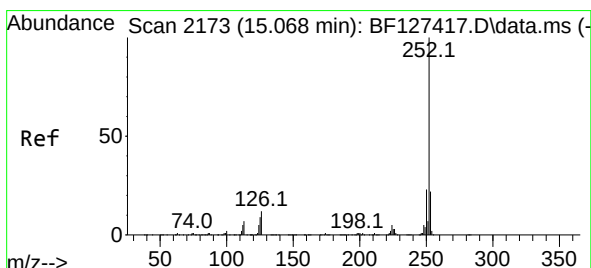
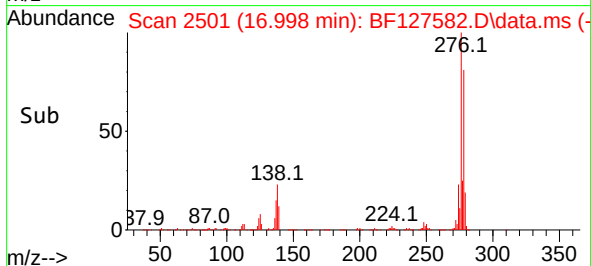
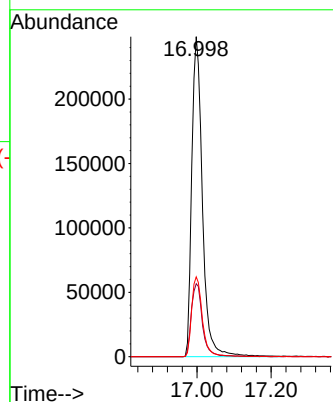
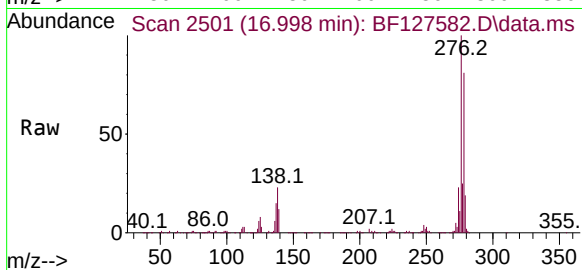
Tgt Ion:276 Resp: 496706

Ion Ratio Lower Upper

276 100

138 23.7 17.1 25.7

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 43.530 ng

RT: 15.062 min Scan# 2172

Delta R.T. 0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

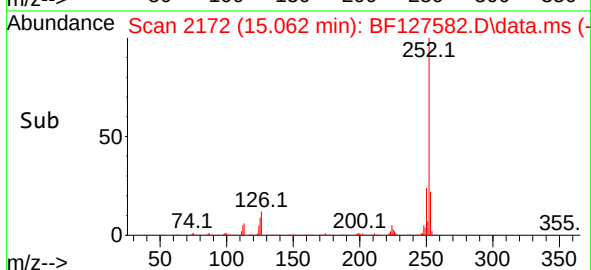
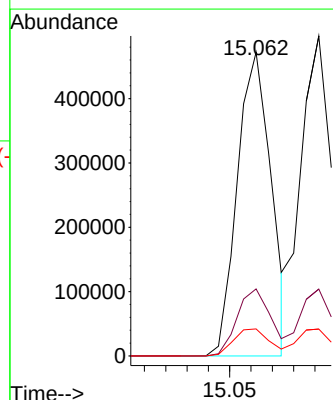
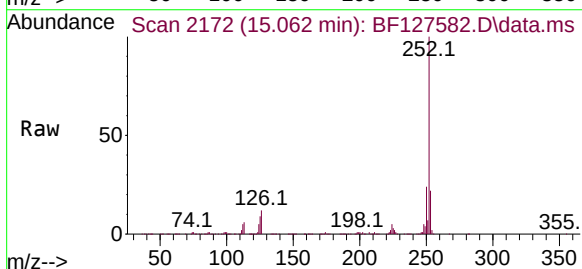
Tgt Ion:252 Resp: 522200

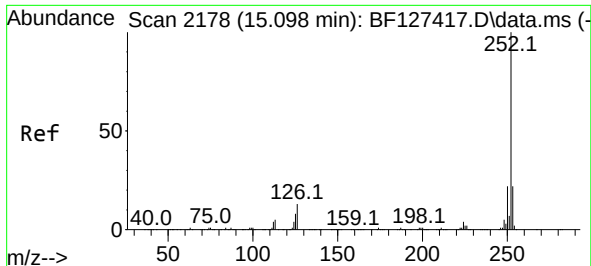
Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 8.9 7.0 10.4

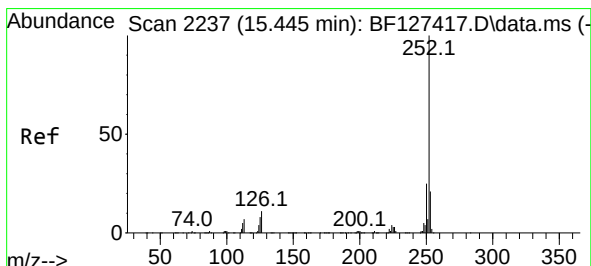
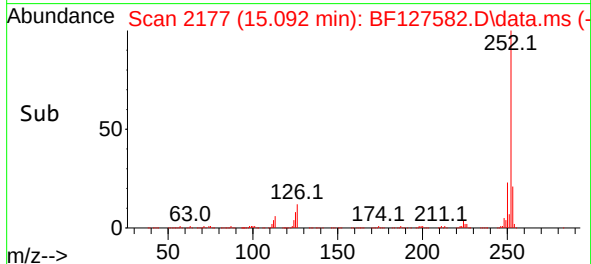
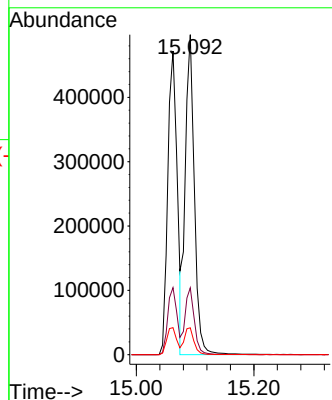
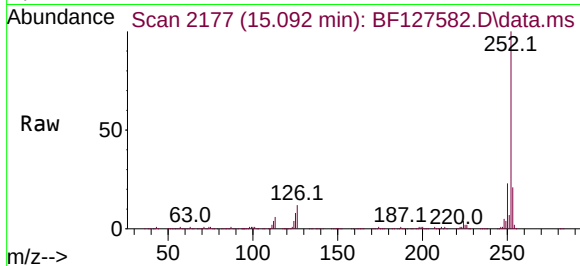




#89
Benzo(k)fluoranthene
Concen: 43.280 ng
RT: 15.092 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

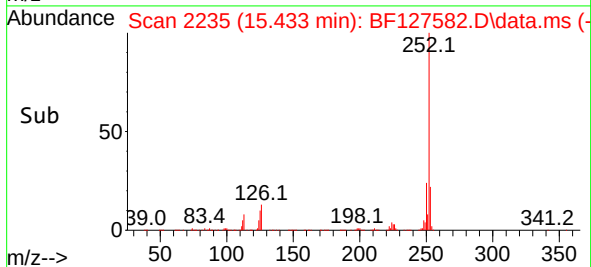
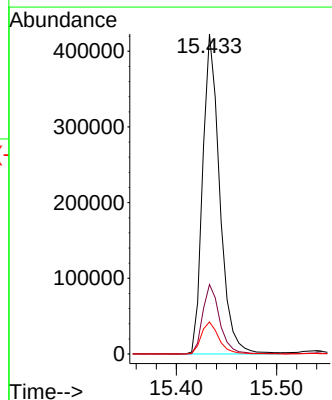
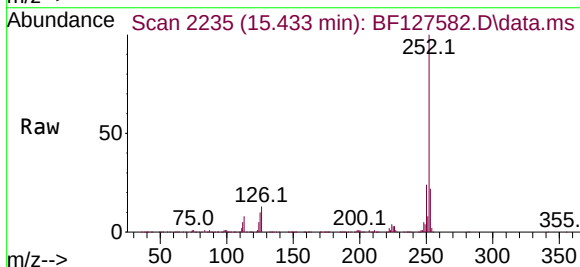
Instrument :
BNA_F
ClientSampleId :
PB143716BS

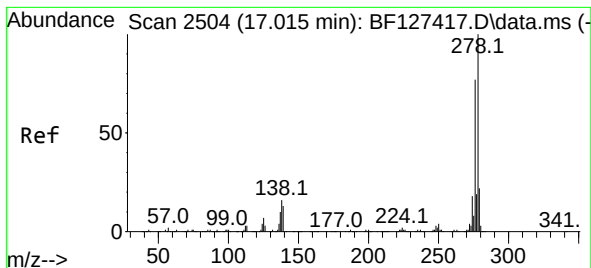
Tgt Ion:252 Resp: 538237
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 8.4 6.9 10.3



#90
Benzo(a)pyrene
Concen: 50.909 ng
RT: 15.433 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF127582.D
Acq: 30 Mar 2022 12:26

Tgt Ion:252 Resp: 501212
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 10.0 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 40.881 ng

RT: 17.003 min Scan# 2502

Delta R.T. 0.006 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB143716BS

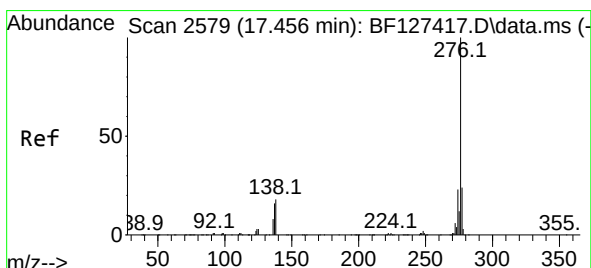
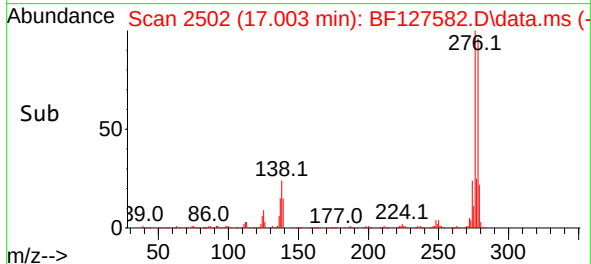
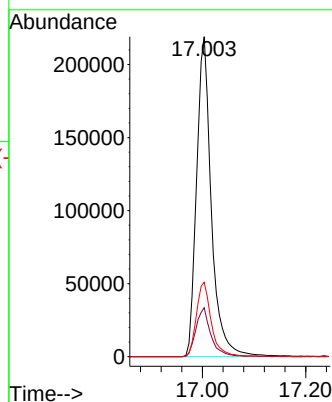
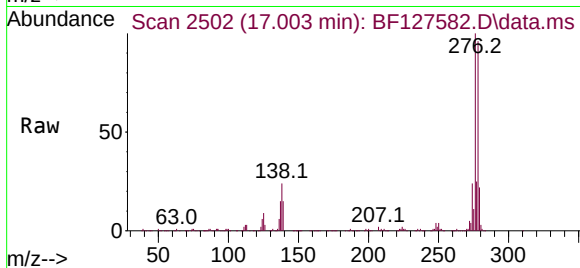
Tgt Ion:278 Resp: 434523

Ion Ratio Lower Upper

278 100

139 15.3 10.8 16.2

279 23.2 17.7 26.5



#92

Benzo(g,h,i)perylene

Concen: 39.074 ng

RT: 17.456 min Scan# 2579

Delta R.T. 0.012 min

Lab File: BF127582.D

Acq: 30 Mar 2022 12:26

Tgt Ion:276 Resp: 429282

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 19.4 14.6 22.0

