

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127128.D
 Acq On : 01 Mar 2022 20:57
 Operator : CG\JU
 Sample : N1689-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP022522

Quant Time: Mar 02 00:02:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

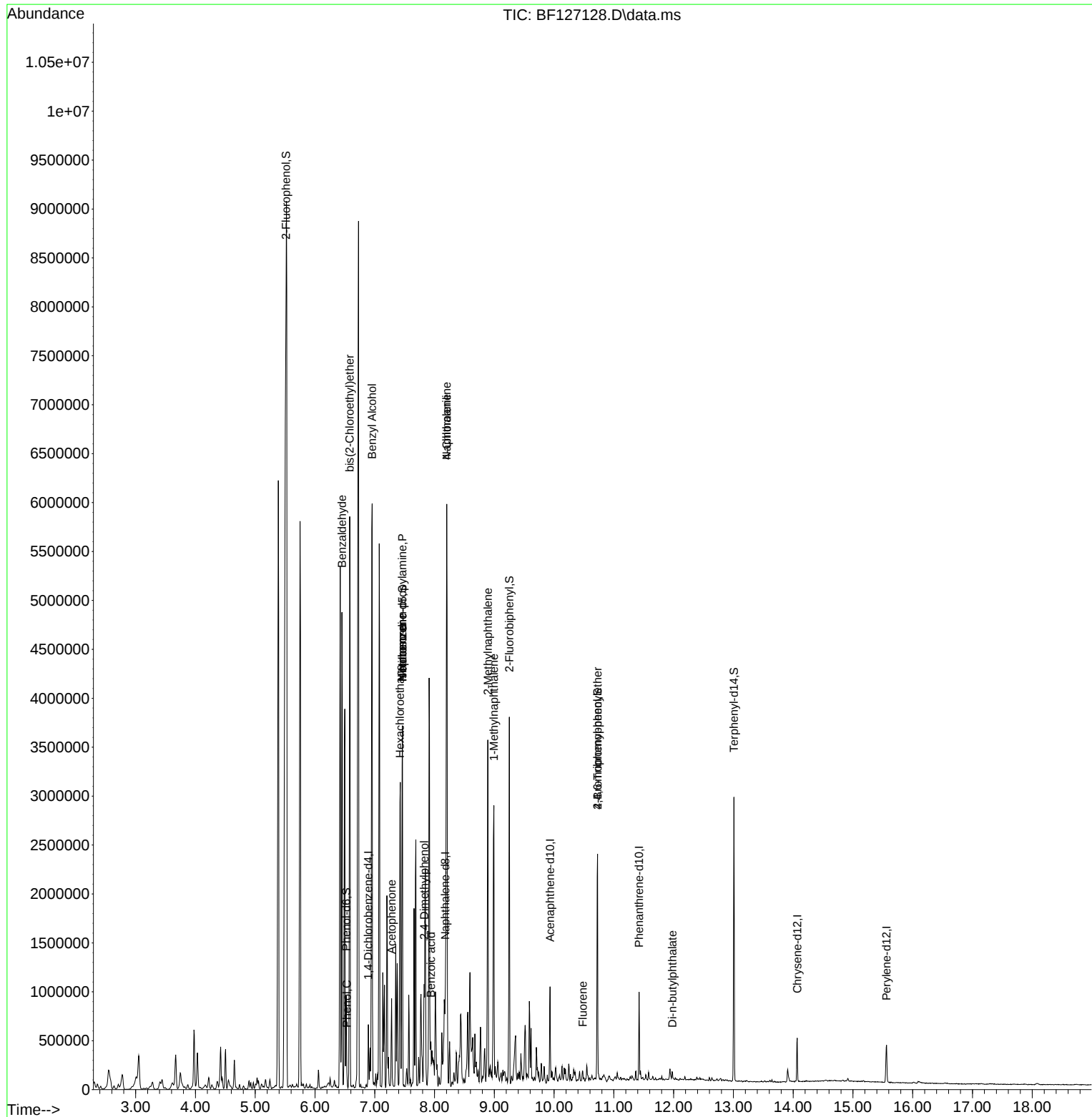
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	80895	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	314229	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	161303	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	276057	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	144116	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	160271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	270367	51.656	ng	0.00
7) Phenol-d6	6.522	99	278204	39.392	ng	0.00
23) Nitrobenzene-d5	7.463	82	589160	84.630	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	266386	143.435	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	971547	88.670	ng	0.00
79) Terphenyl-d14	13.010	244	915287	93.363	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	214059	49.793	ng	# 1
10) Phenol	6.534	94	25060	3.512	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	11748	2.099	ng	# 1
15) Benzyl Alcohol	6.957	79	221016	37.147	ng	# 9
18) Hexachloroethane	7.422	117	250888	106.575	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	81705	17.954	ng	# 81
22) Acetophenone	7.281	105	306080	36.996	ng	# 54
24) Nitrobenzene	7.463	77	40252	6.121	ng	# 4
25) Isophorone	7.463	82	585087	50.790	ng	# 69
27) 2,4-Dimethylphenol	7.828	122	188576	40.996	ng	92
31) Naphthalene	8.204	128	3070559	187.192	ng	96
32) Benzoic acid	7.939	122	25352	7.771	ng	# 83
33) 4-Chloroaniline	8.204	127	426322	66.030	ng	# 31
37) 2-Methylnaphthalene	8.892	142	873734	82.089	ng	97
38) 1-Methylnaphthalene	8.992	142	652094	63.978	ng	98
58) Fluorene	10.480	166	25035	2.335	ng	100
67) 4-Bromophenyl-phenylether	10.728	248	16546	5.364	ng	# 1
74) Di-n-butylphthalate	11.980	149	39270	2.165	ng	96

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

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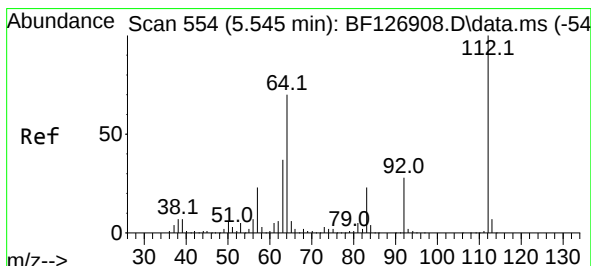
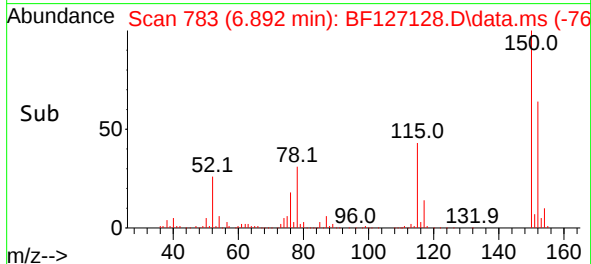
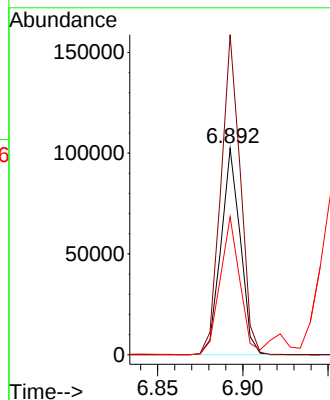
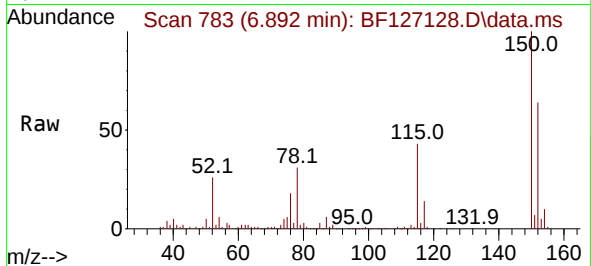




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF127128.D
 Acq: 01 Mar 2022 20:57

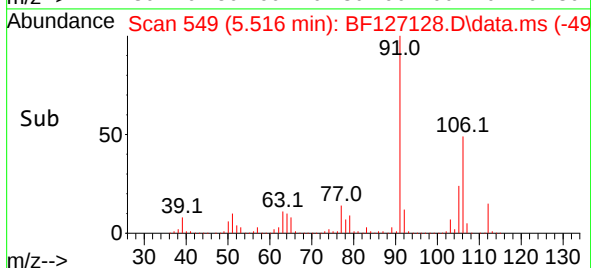
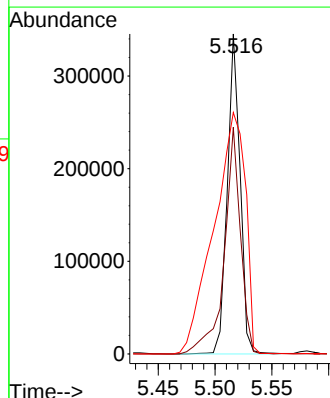
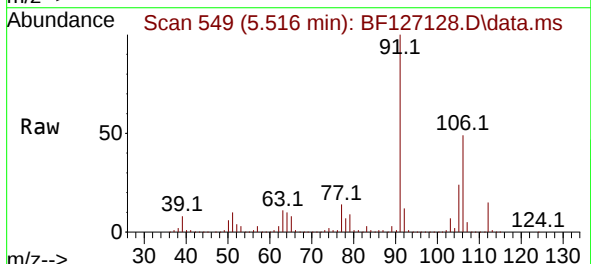
Instrument :
 BNA_F
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 DUP022522

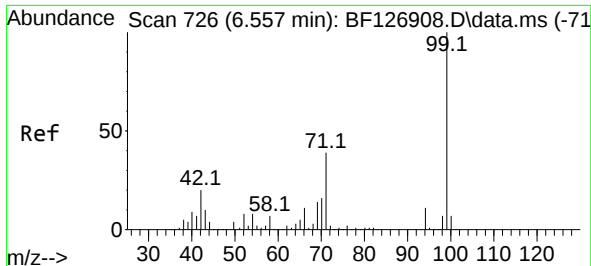
Tgt Ion:152 Resp: 80895
 Ion Ratio Lower Upper
 152 100
 150 155.1 128.1 192.1
 115 66.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 51.656 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF127128.D
 Acq: 01 Mar 2022 20:57

Tgt Ion:112 Resp: 270367
 Ion Ratio Lower Upper
 112 100
 64 70.9 49.5 74.3
 63 75.4 23.9 35.9#

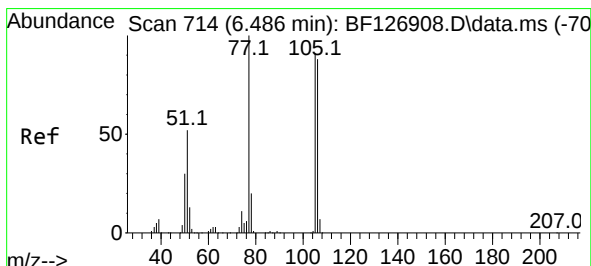
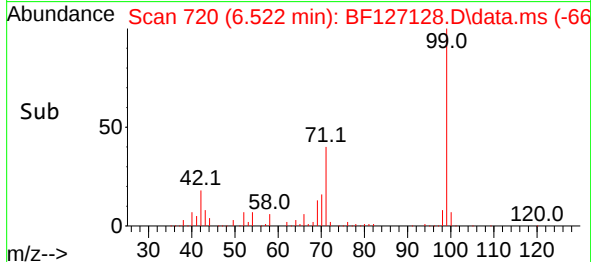
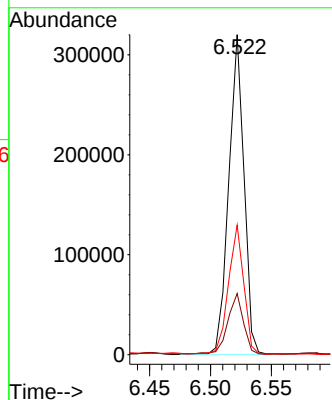
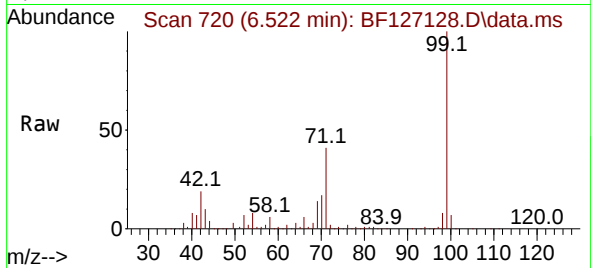




#7
Phenol-d6
Concen: 39.392 ng
RT: 6.522 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

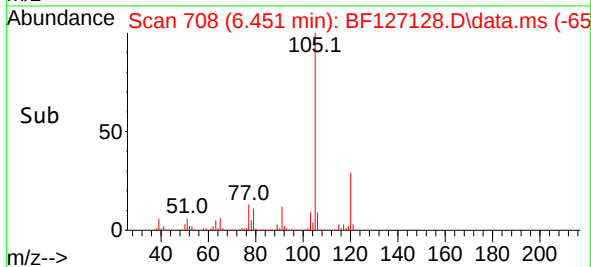
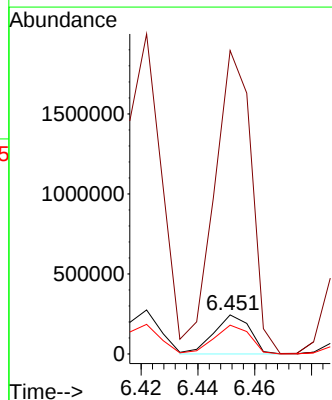
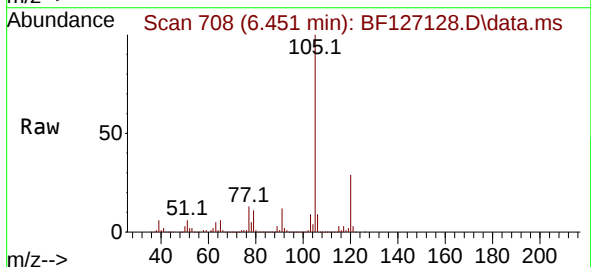
Instrument :
BNA_F
ClientSampleId :
DUP022522

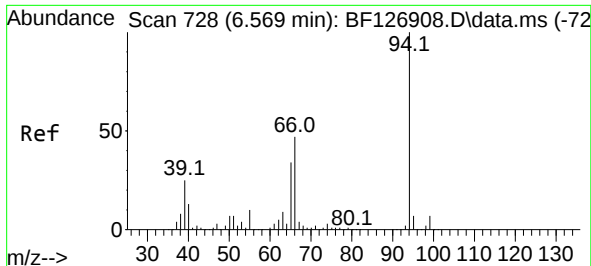
Tgt Ion: 99 Resp: 278204
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 40.5 24.3 36.5#



#9
Benzaldehyde
Concen: 49.793 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion: 77 Resp: 214059
Ion Ratio Lower Upper
77 100
105 778.1 74.9 114.9#
106 73.7 72.4 112.4

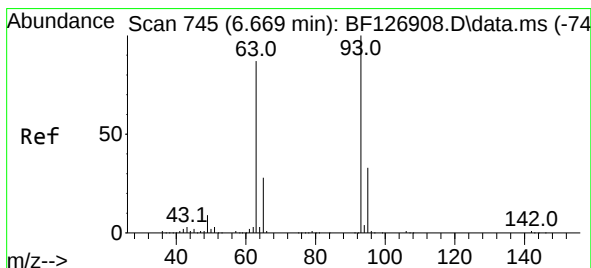
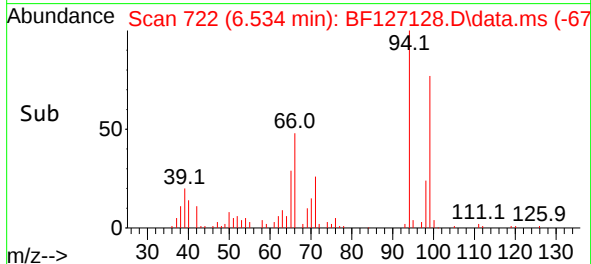
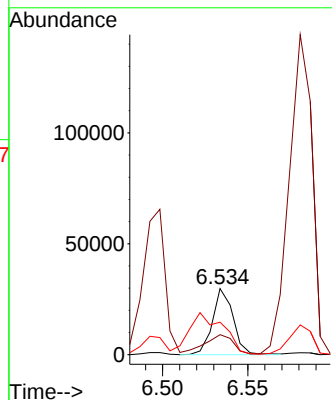
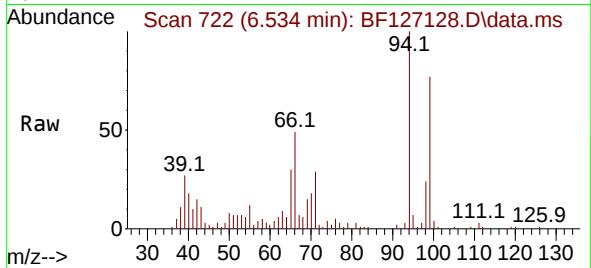




#10
Phenol
Concen: 3.512 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

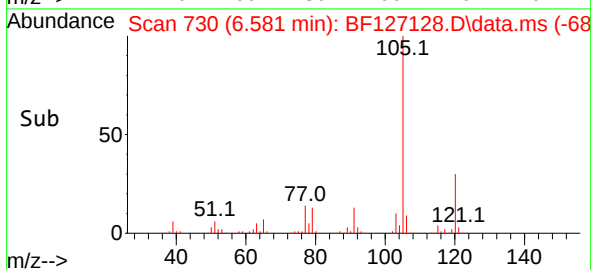
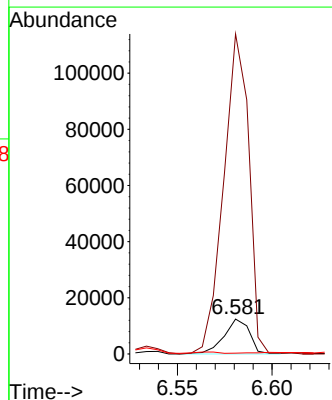
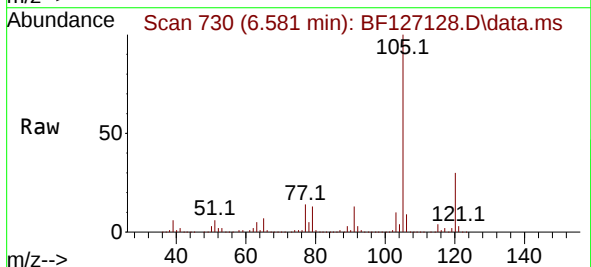
Instrument :
BNA_F
ClientSampleId :
DUP022522

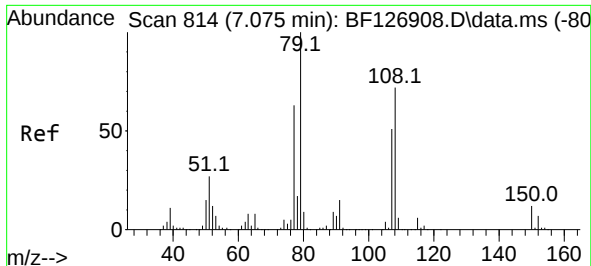
Tgt Ion: 94 Resp: 25060
Ion Ratio Lower Upper
94 100
65 30.4 7.2 47.2
66 49.2 14.5 54.5



#11
bis(2-Chloroethyl)ether
Concen: 2.099 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.047 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion: 93 Resp: 11748
Ion Ratio Lower Upper
93 100
63 919.0 60.5 100.5#
95 2.5 12.9 52.9#





#15

Benzyl Alcohol

Concen: 37.147 ng

RT: 6.957 min Scan# 79

Delta R.T. -0.077 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DUP022522

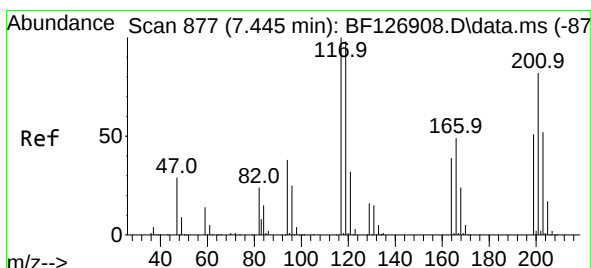
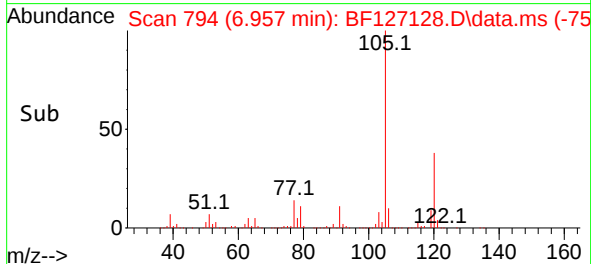
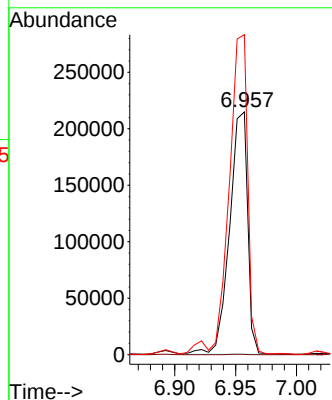
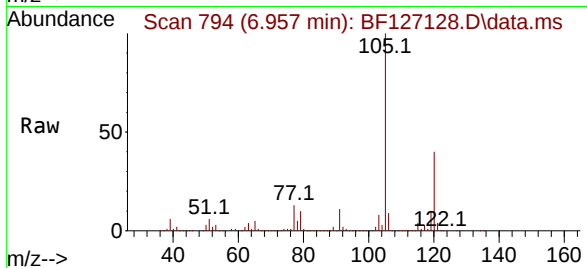
Tgt Ion: 79 Resp: 221016

Ion Ratio Lower Upper

79 100

108 0.2 63.2 94.8#

77 131.8 49.4 74.2#



#18

Hexachloroethane

Concen: 106.575 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.018 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

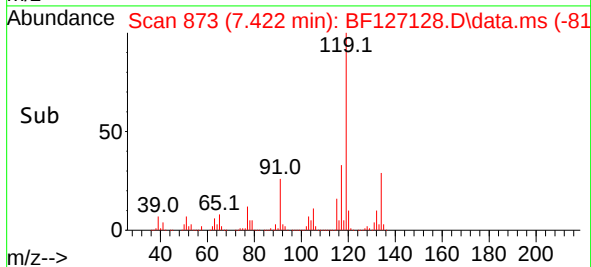
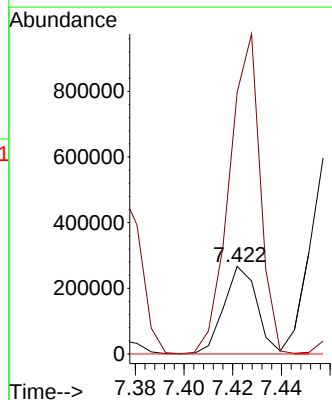
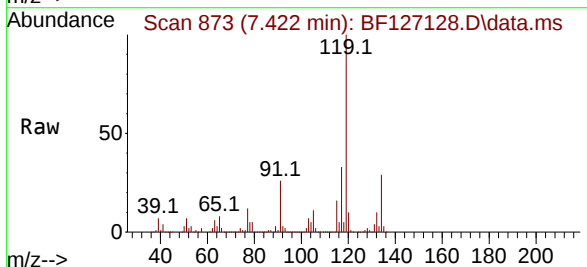
Tgt Ion: 117 Resp: 250888

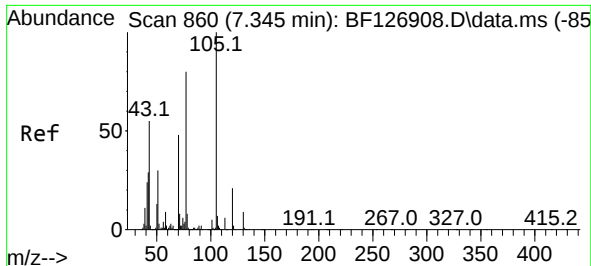
Ion Ratio Lower Upper

117 100

119 298.9 75.4 113.0#

201 0.0 56.8 85.2#

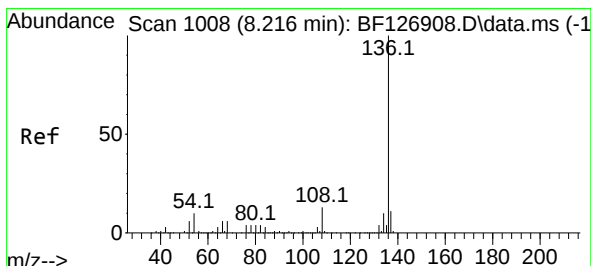
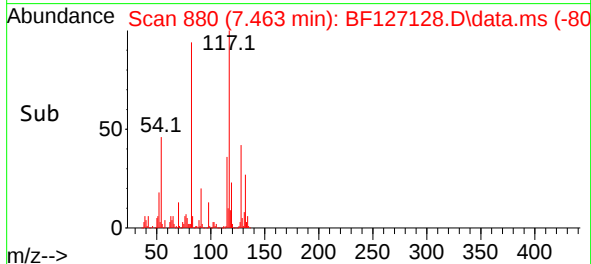
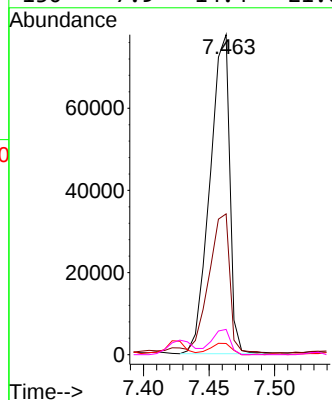
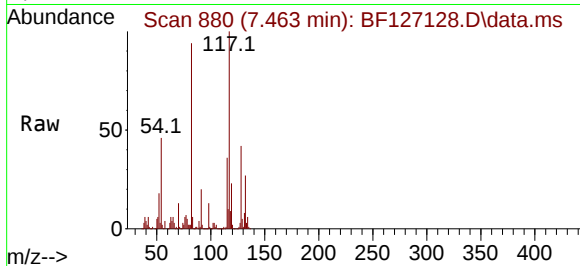




#19
n-Nitroso-di-n-propylamine
Concen: 17.954 ng
RT: 7.463 min Scan# 81
Delta R.T. 0.159 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

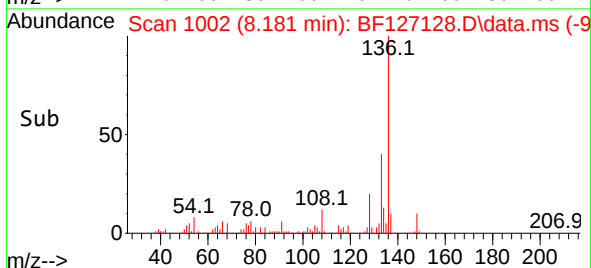
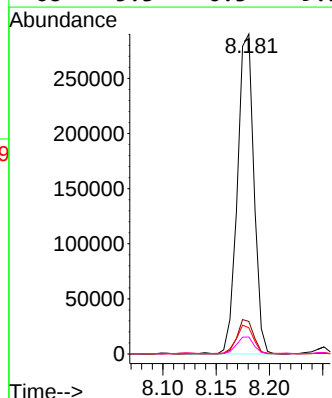
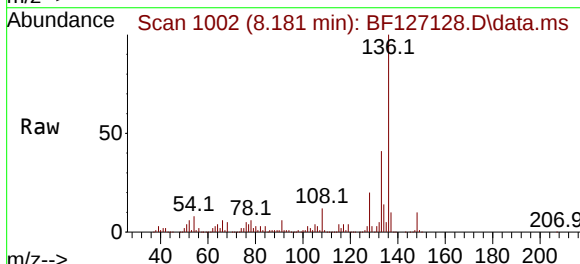
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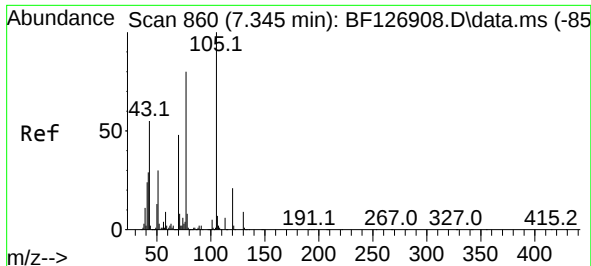
Tgt Ion:	70	Resp:	81705
Ion	Ratio	Lower	Upper
70	100		
42	44.0	45.8	68.8#
101	3.5	6.9	10.3#
130	7.9	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion:	136	Resp:	314229
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	8.2	7.8	11.6
68	5.3	6.3	9.5#

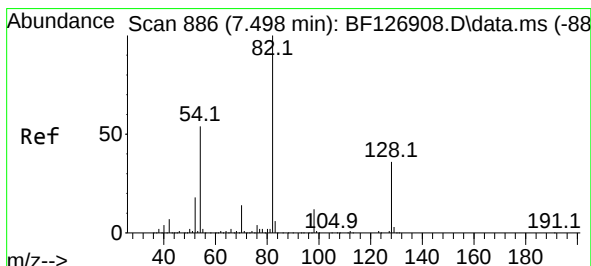
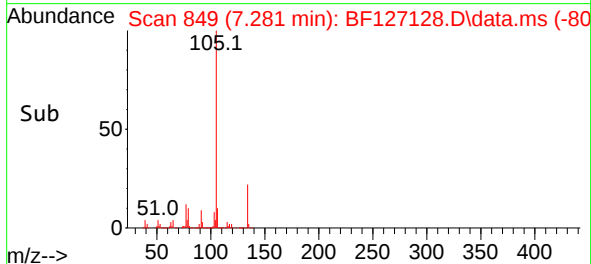
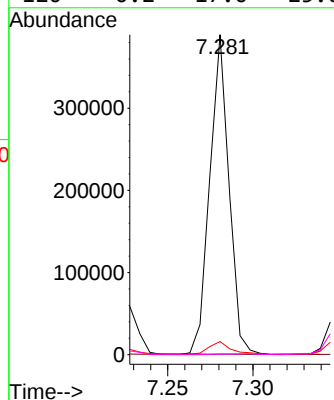
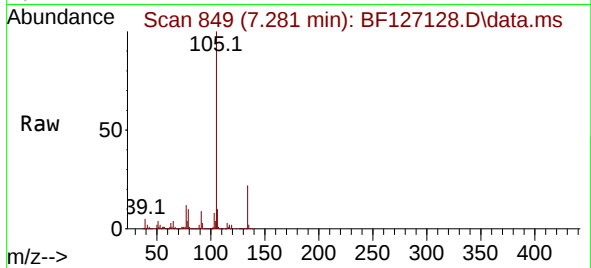




#22
Acetophenone
Concen: 36.996 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

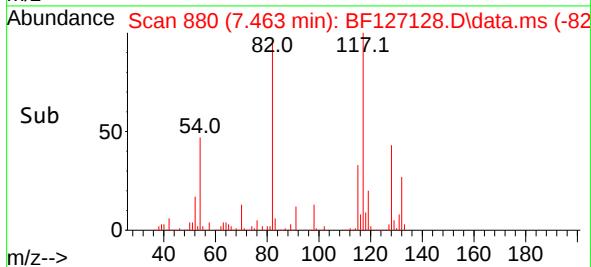
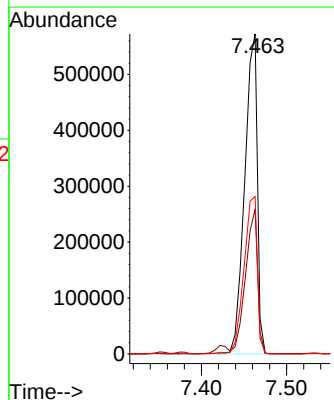
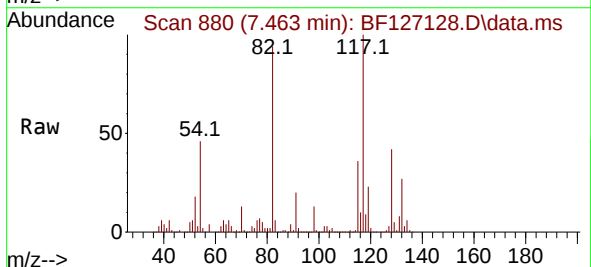
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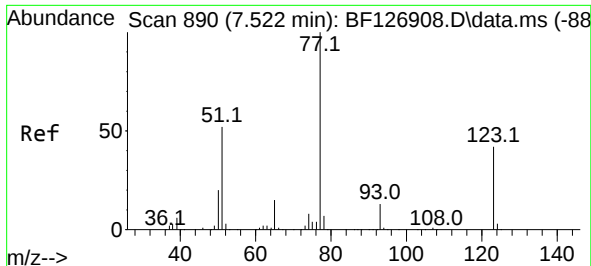
Tgt Ion:105 Resp: 306080
Ion Ratio Lower Upper
105 100
71 0.2 5.4 8.0#
51 4.1 27.4 41.0#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 84.630 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion: 82 Resp: 589160
Ion Ratio Lower Upper
82 100
128 45.2 32.7 49.1
54 49.2 41.7 62.5

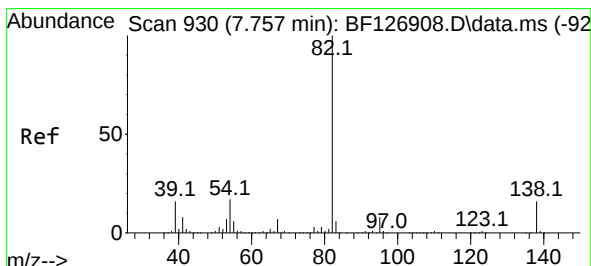
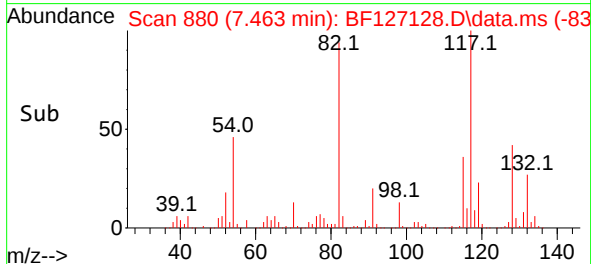
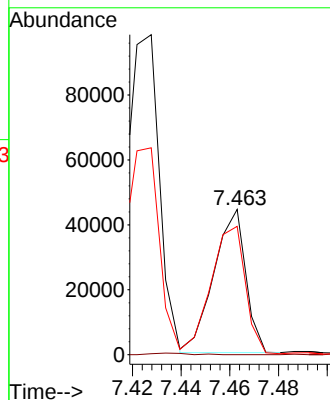
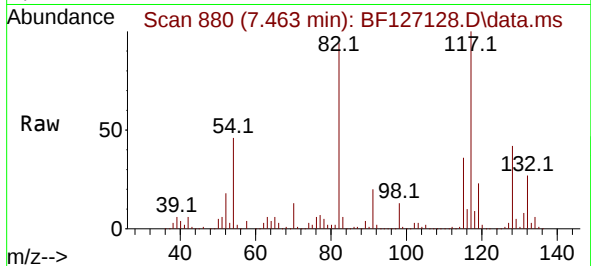




#24
Nitrobenzene
Concen: 6.121 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

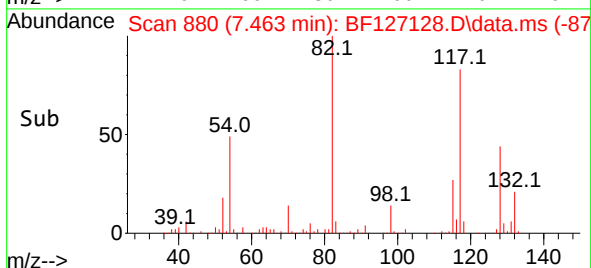
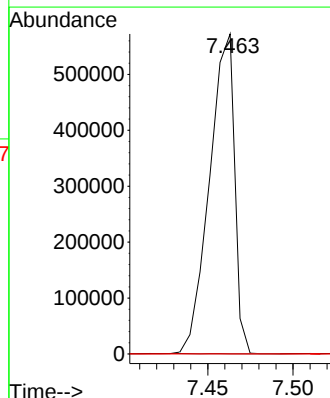
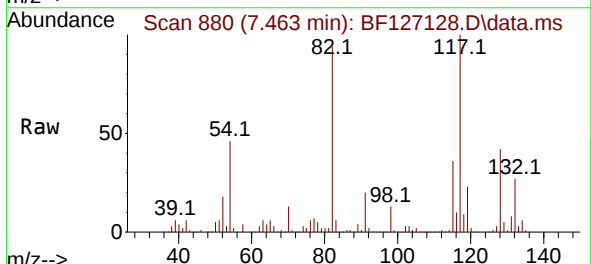
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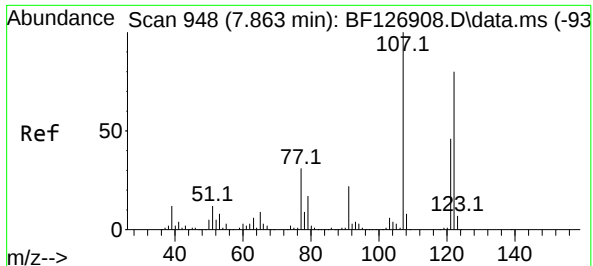
Tgt Ion: 77 Resp: 40252
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 88.3 10.6 15.8#



#25
Isophorone
Concen: 50.790 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.253 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion: 82 Resp: 585087
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 40.996 ng

RT: 7.828 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DUP022522

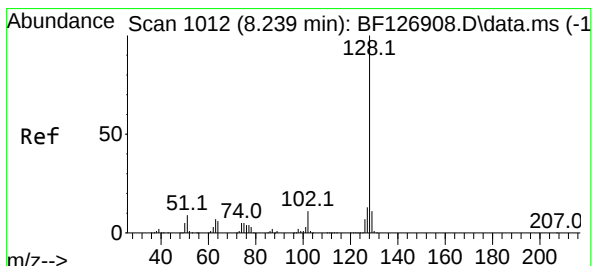
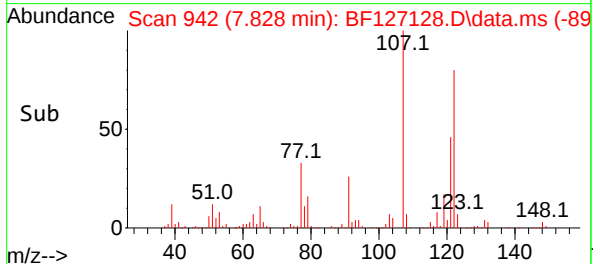
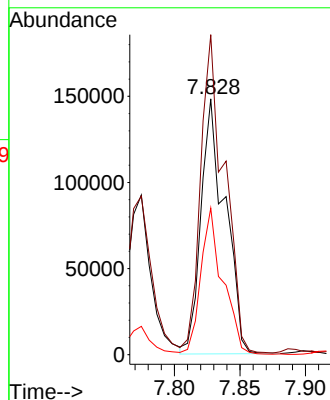
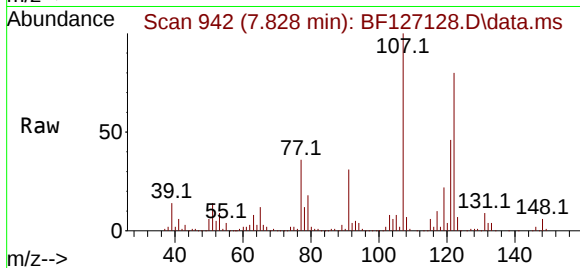
Tgt Ion:122 Resp: 188576

Ion Ratio Lower Upper

122 100

107 125.1 91.2 136.8

121 57.3 44.4 66.6



#31

Naphthalene

Concen: 187.192 ng

RT: 8.204 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

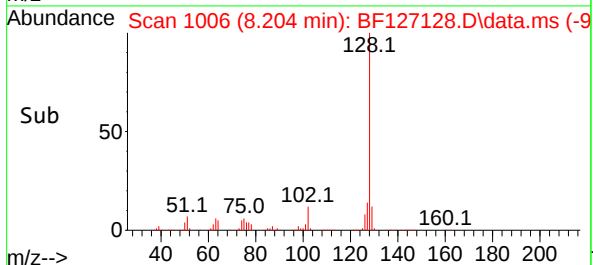
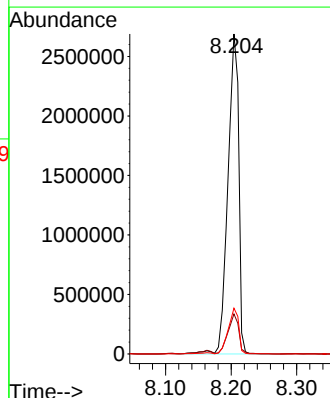
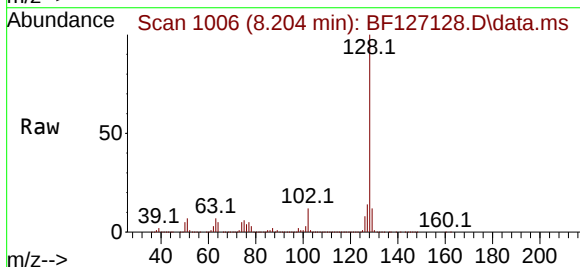
Tgt Ion:128 Resp: 3070559

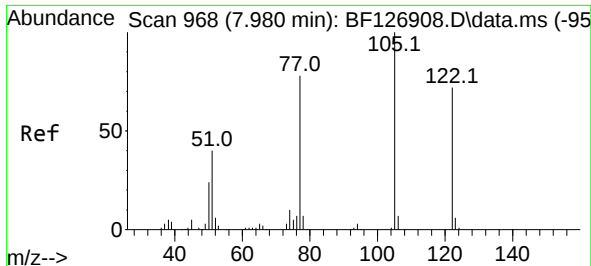
Ion Ratio Lower Upper

128 100

129 12.5 8.6 13.0

127 14.3 10.3 15.5

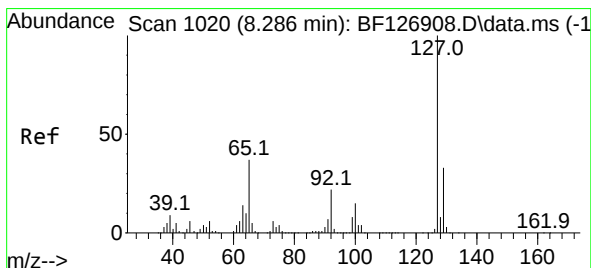
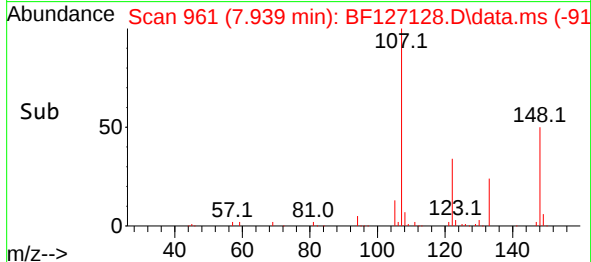
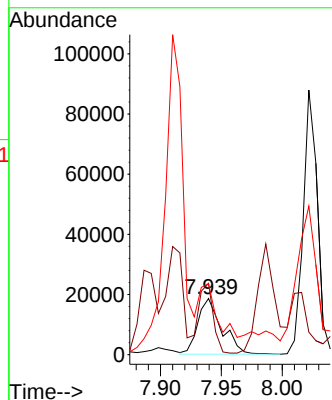
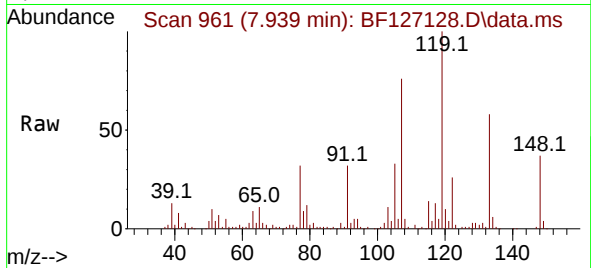




#32
Benzoic acid
Concen: 7.771 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

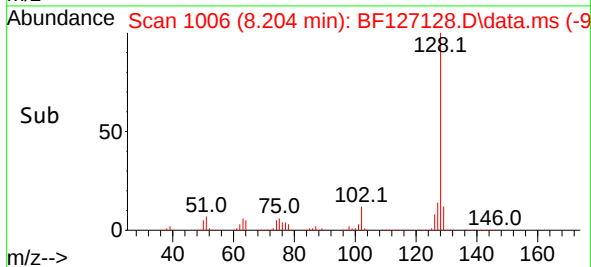
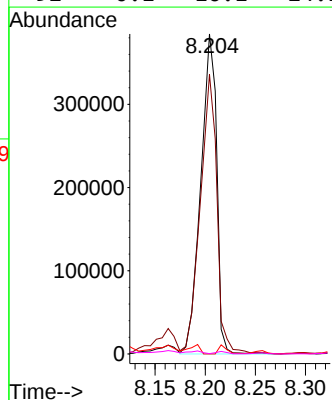
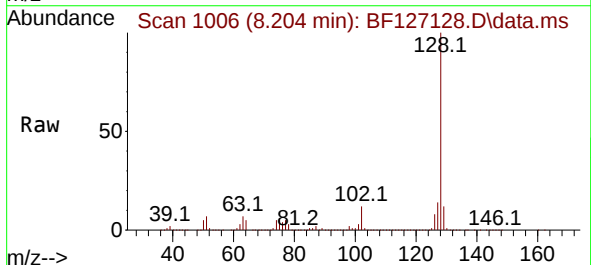
Instrument :
BNA_F
ClientSampleId :
DUP022522

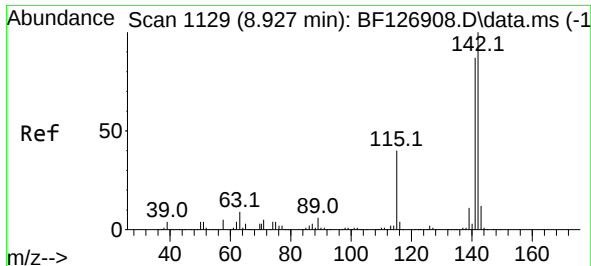
Tgt Ion:122 Resp: 25352
Ion Ratio Lower Upper
122 100
105 126.9 101.0 141.0
77 126.1 74.5 114.5#



#33
4-Chloroaniline
Concen: 66.030 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion:127 Resp: 426322
Ion Ratio Lower Upper
127 100
129 87.4 26.5 39.7#
65 0.0 26.6 39.8#
92 0.1 16.1 24.1#





#37

2-Methylnaphthalene

Concen: 82.089 ng

RT: 8.892 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

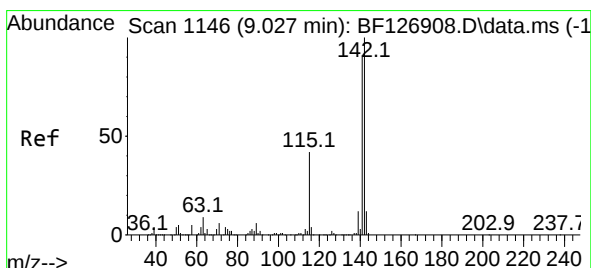
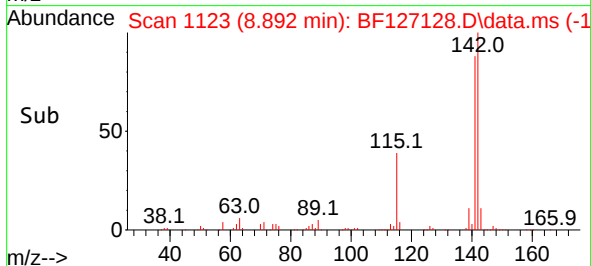
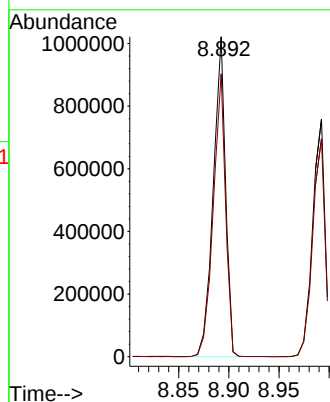
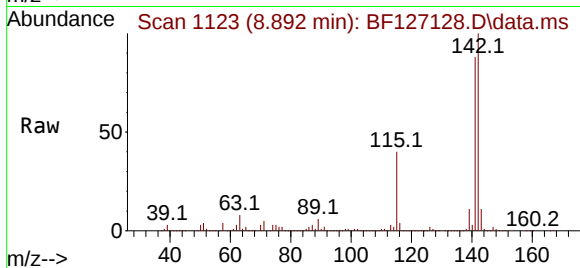
DUP022522

Tgt Ion:142 Resp: 873734

Ion Ratio Lower Upper

142 100

141 88.4 68.6 102.8



#38

1-Methylnaphthalene

Concen: 63.978 ng

RT: 8.992 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF127128.D

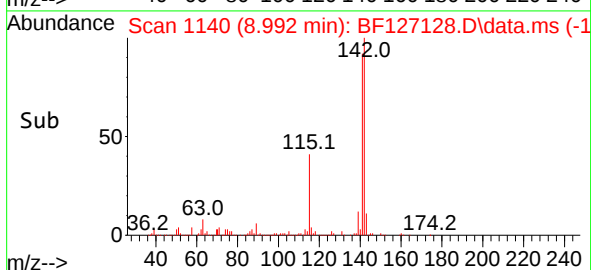
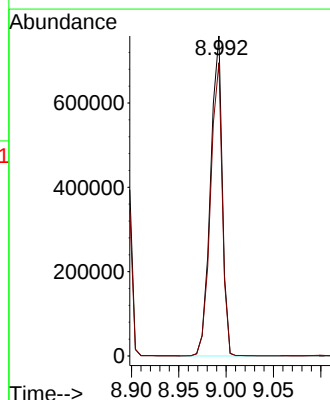
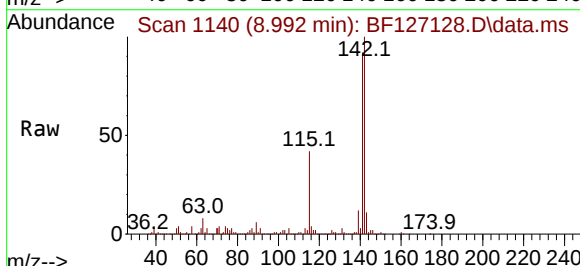
Acq: 01 Mar 2022 20:57

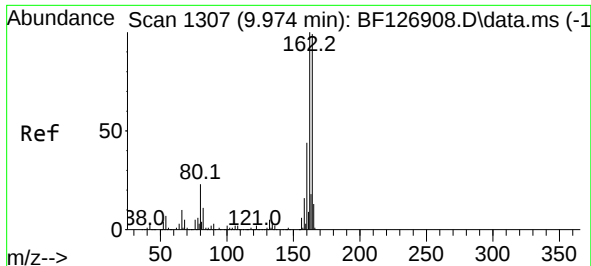
Tgt Ion:142 Resp: 652094

Ion Ratio Lower Upper

142 100

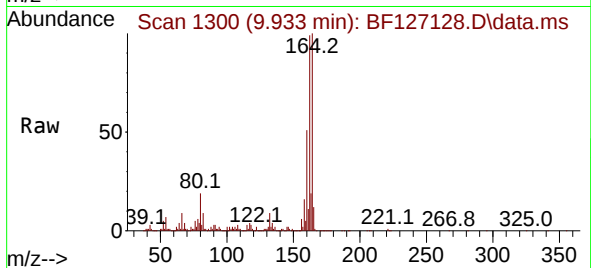
141 91.7 72.1 108.1



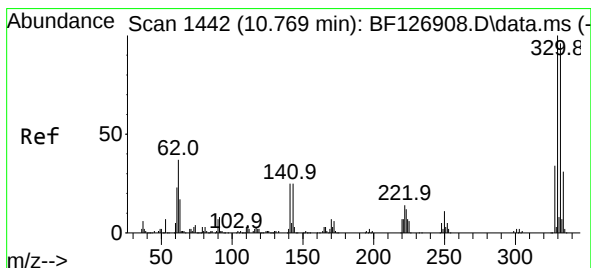
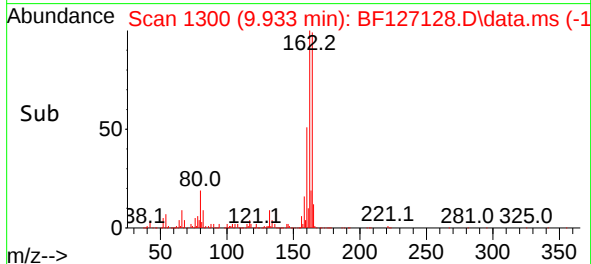
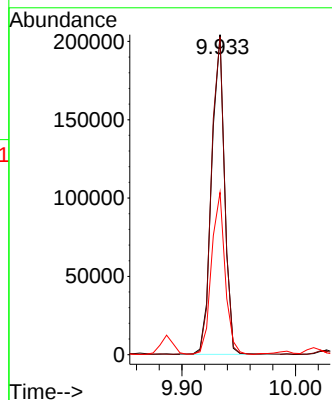


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Instrument :
BNA_F
ClientSampleId :
DUP022522

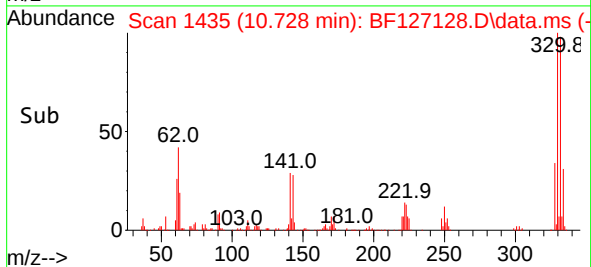
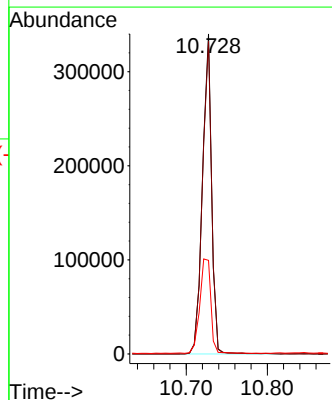
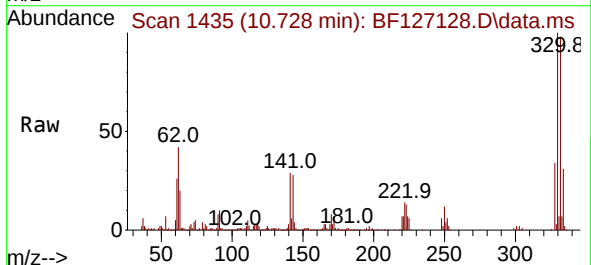


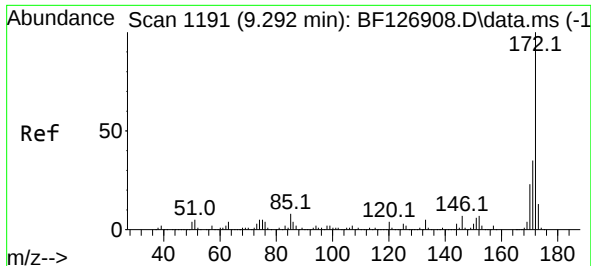
Tgt Ion:164 Resp: 161303
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 50.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 143.435 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion:330 Resp: 266386
Ion Ratio Lower Upper
330 100
332 99.1 76.0 114.0
141 36.1 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 88.670 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DUP022522

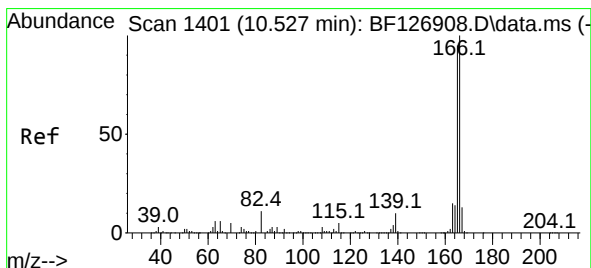
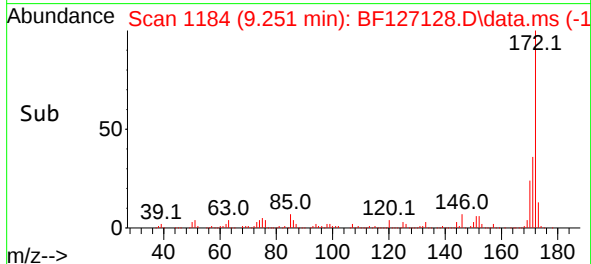
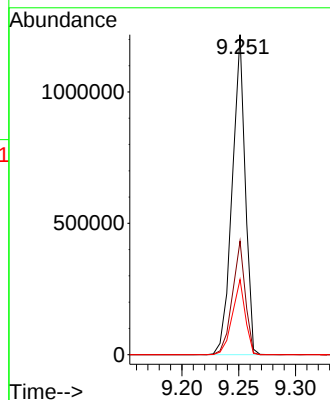
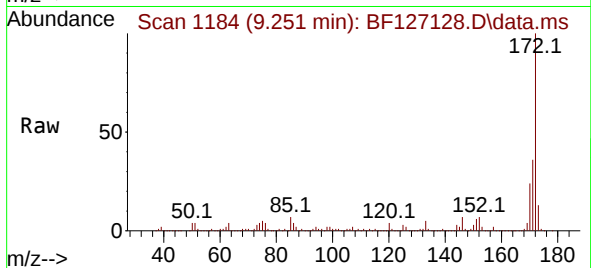
Tgt Ion:172 Resp: 971547

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.0 28.6



#58

Fluorene

Concen: 2.335 ng

RT: 10.480 min Scan# 1393

Delta R.T. -0.006 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

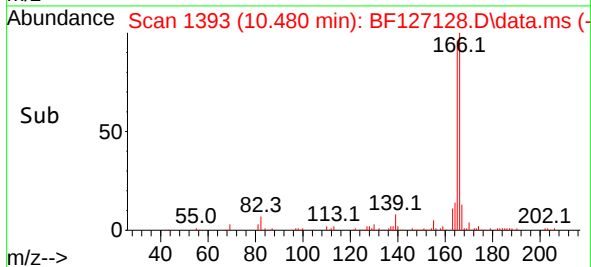
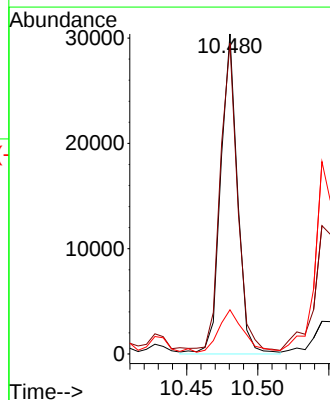
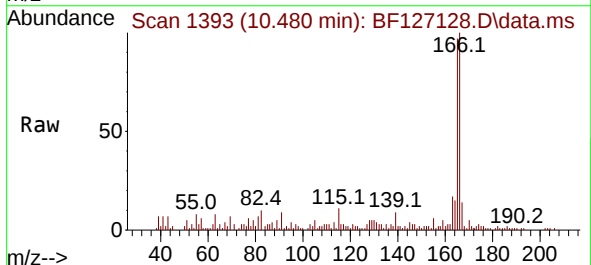
Tgt Ion:166 Resp: 25035

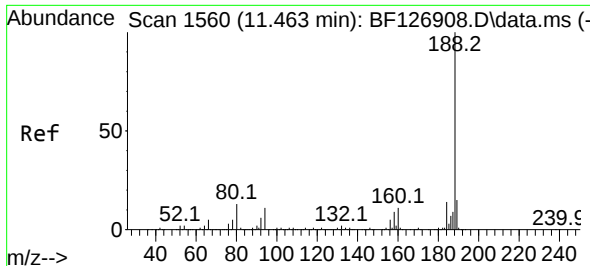
Ion Ratio Lower Upper

166 100

165 97.1 77.7 116.5

167 13.8 10.7 16.1

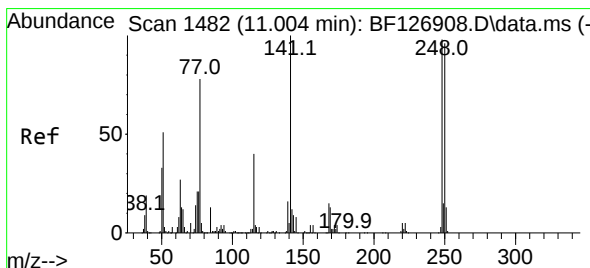
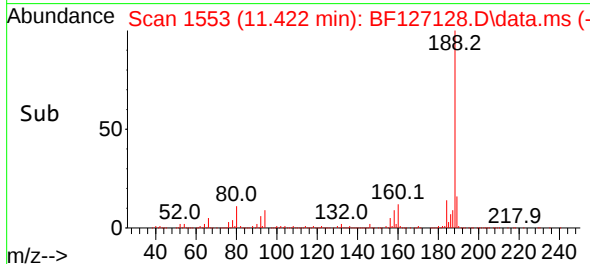
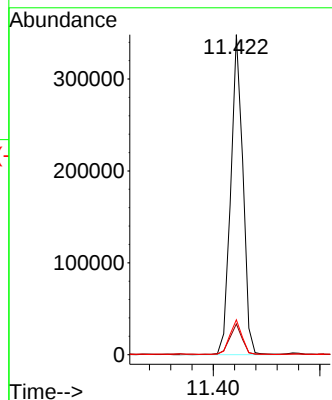
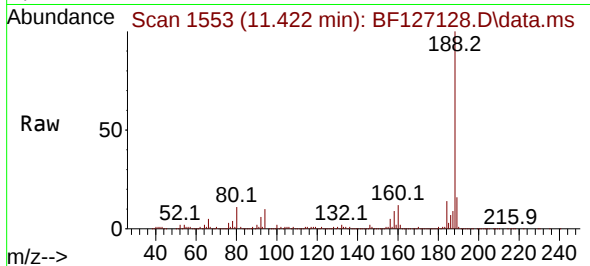




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

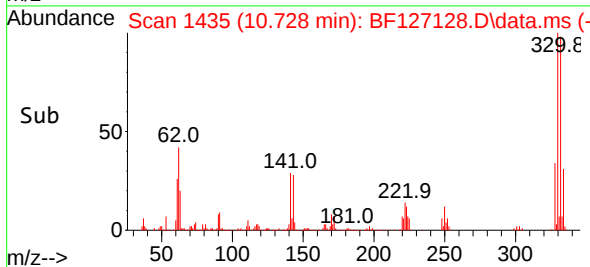
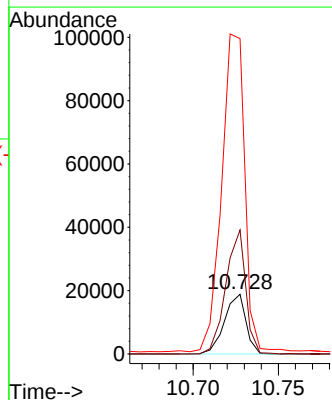
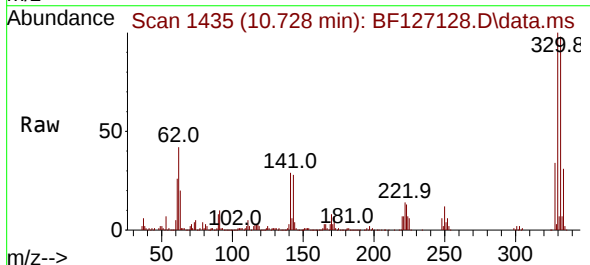
Instrument :
BNA_F
ClientSampleId :
DUP022522

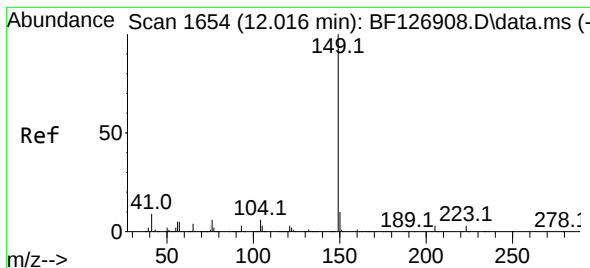
Tgt Ion:188 Resp: 276057
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.9 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.364 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Tgt Ion:248 Resp: 16546
Ion Ratio Lower Upper
248 100
250 207.4 76.2 114.4#
141 527.6 66.2 99.4#





#74

Di-n-butylphthalate

Concen: 2.165 ng

RT: 11.980 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DUP022522

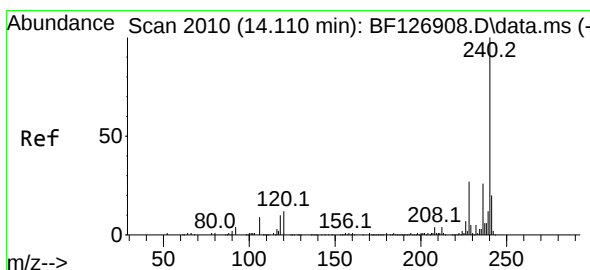
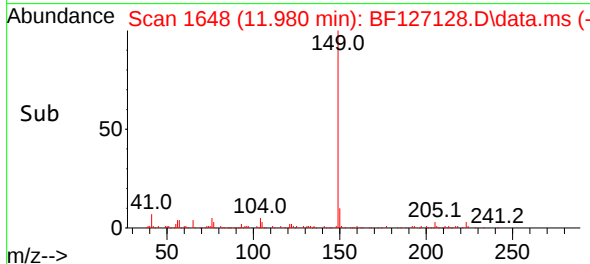
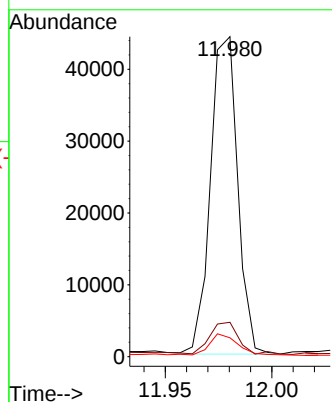
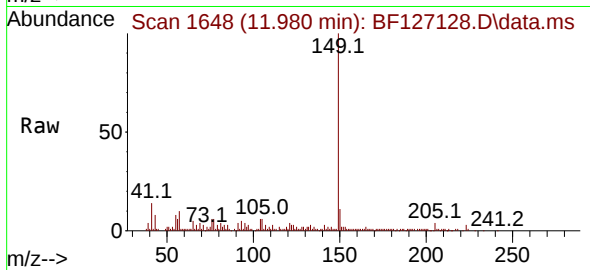
Tgt Ion:149 Resp: 39270

Ion Ratio Lower Upper

149 100

150 10.8 7.2 10.8

104 5.9 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

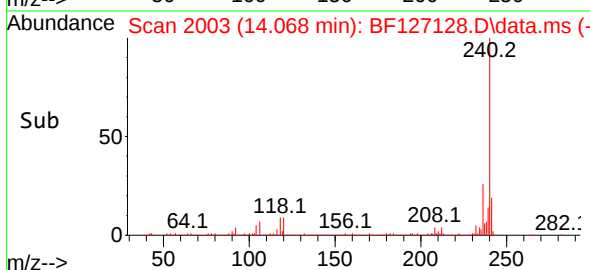
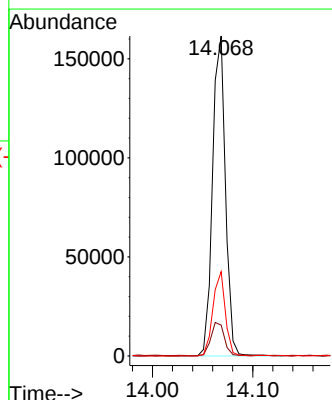
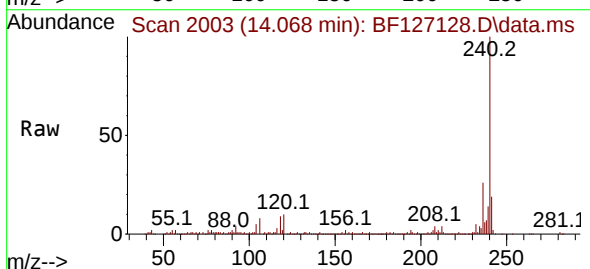
Tgt Ion:240 Resp: 144116

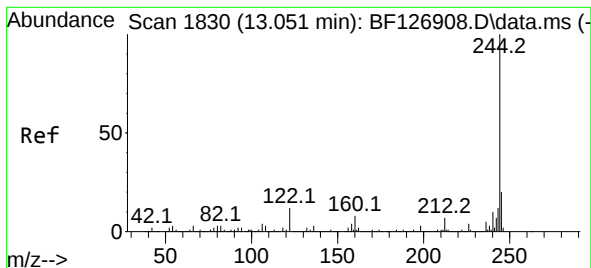
Ion Ratio Lower Upper

240 100

120 9.7 14.4 21.6#

236 26.4 20.5 30.7





#79

Terphenyl-d14

Concen: 93.363 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DUP022522

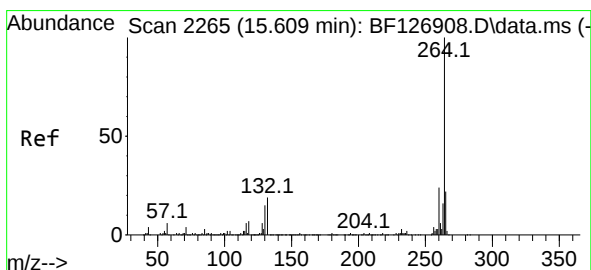
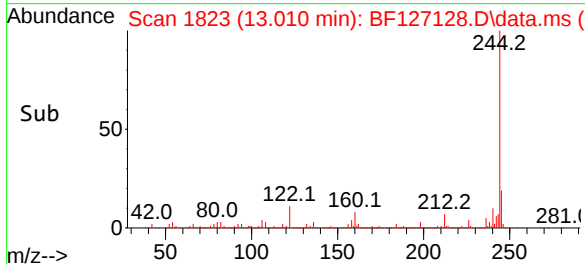
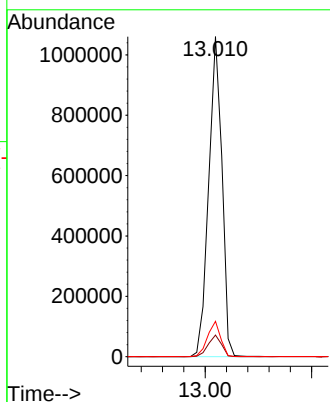
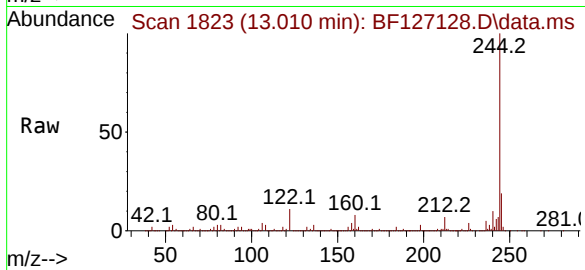
Tgt Ion:244 Resp: 915287

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 11.1 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Tgt Ion:264 Resp: 160271

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 17.4 26.2

