

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)

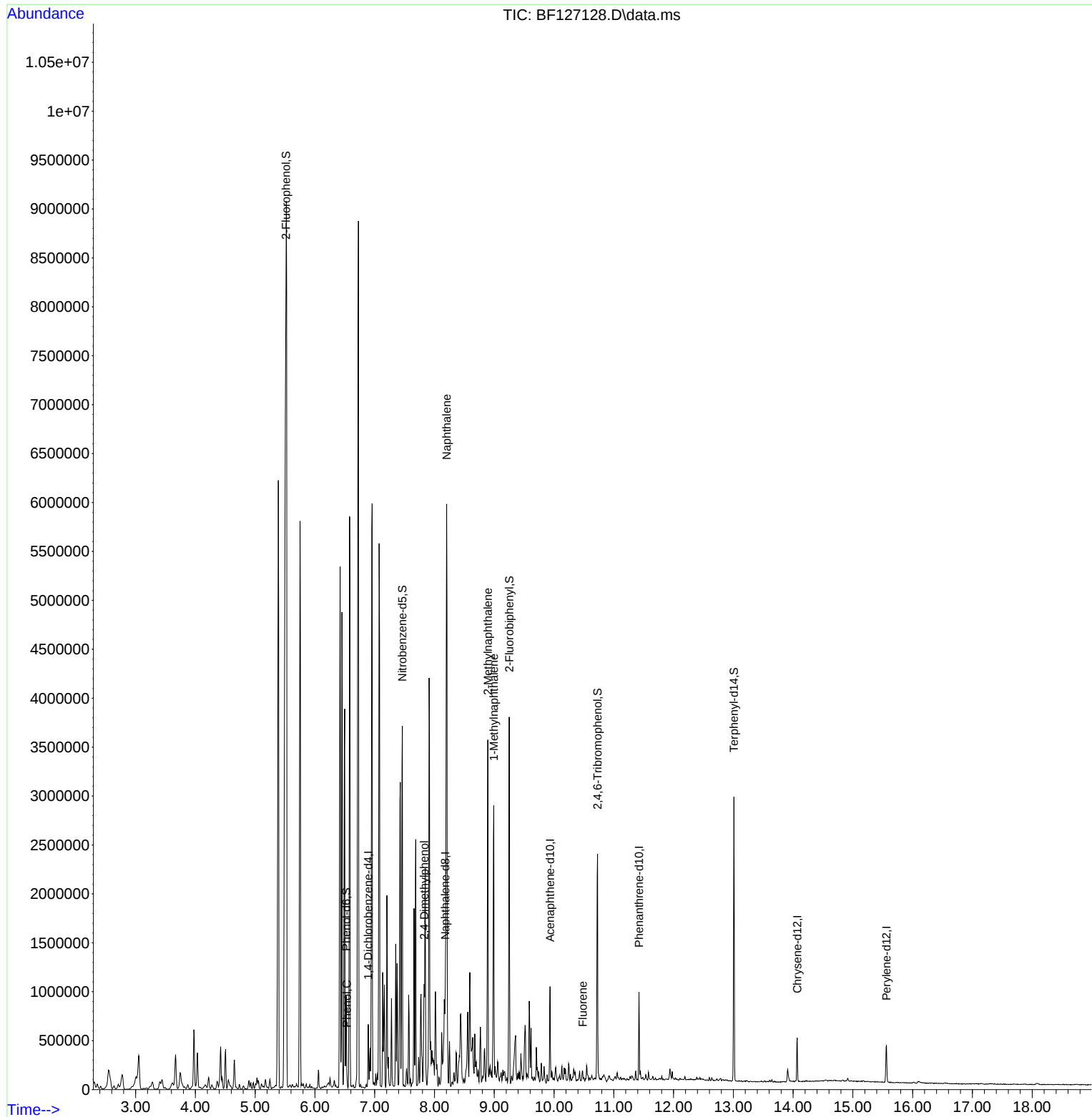
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	80895	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	314229	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	161303	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	276057	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	144116	20.000	ng	# 0.00
86) Perylene-d12	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
10) Phenol	6.534	94	25060	3.512	ng	83
27) 2,4-Dimethylphenol	7.828	122	301968m	65.647	ng	
31) Naphthalene	8.204	128	3070559	187.192	ng	96
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

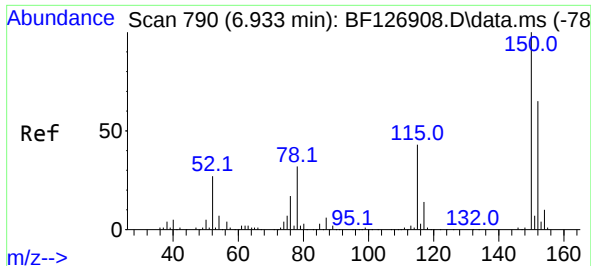
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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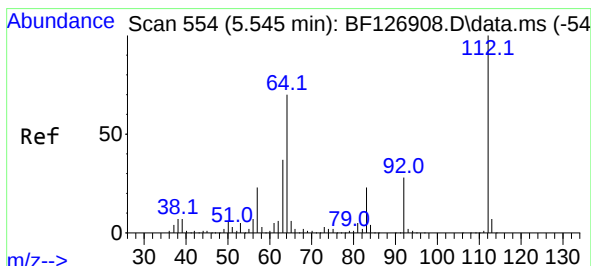
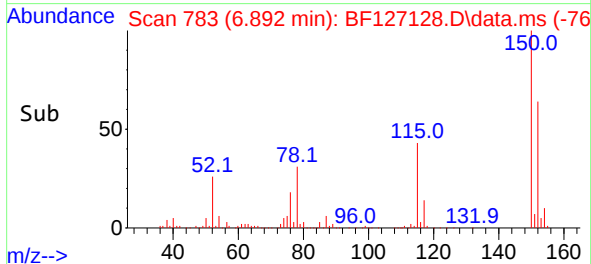
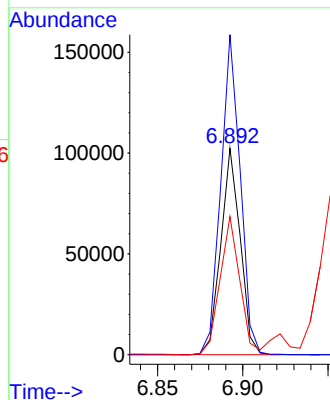
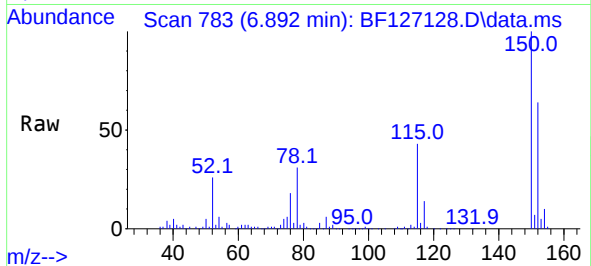




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 78
Delta R.T. -0.001 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

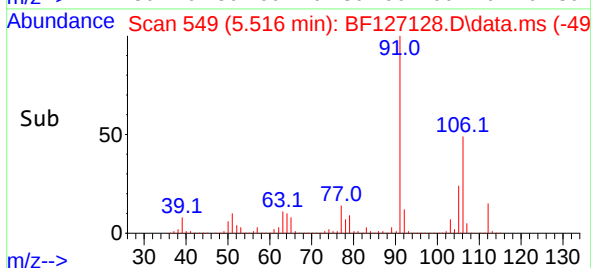
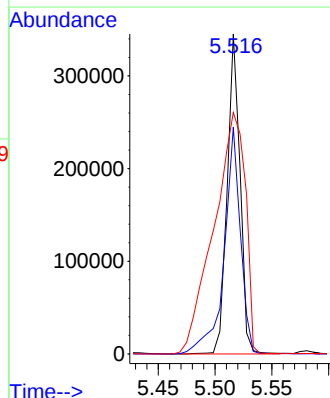
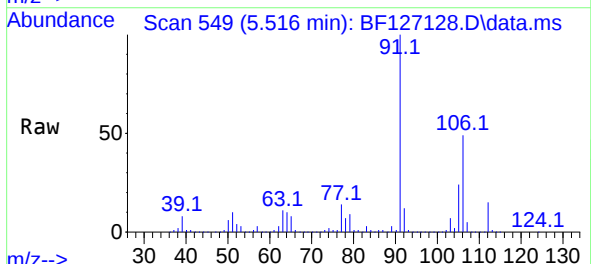
Instrument :
BNA_F
ClientSampleId :
DUP022522

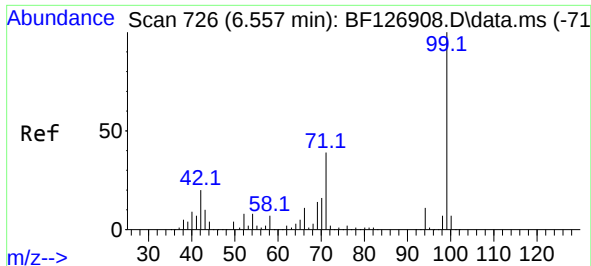
Tgt Ion:152 Resp: 80895
Ion Ratio Lower Upper
152 100
150 155.1 128.1 192.1
115 66.9 56.7 85.1



#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#

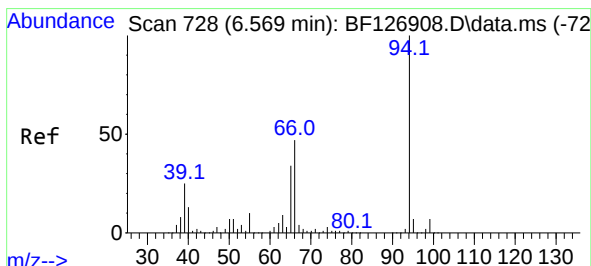
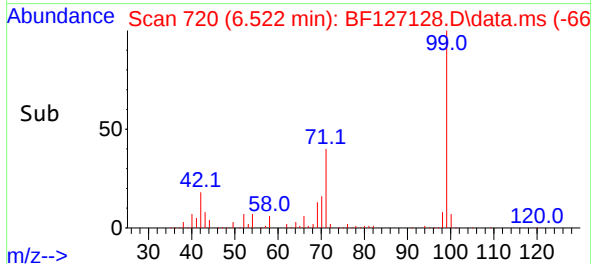
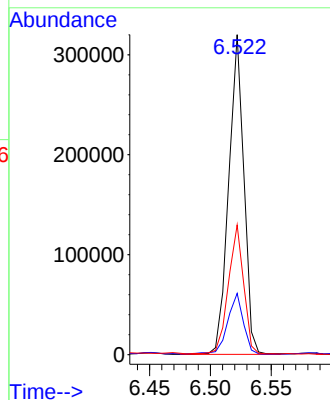
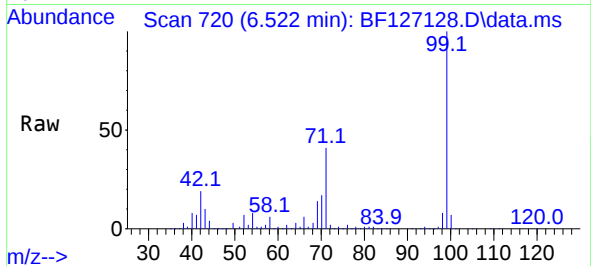




#7
Phenol-d6
Concen: 39.392 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

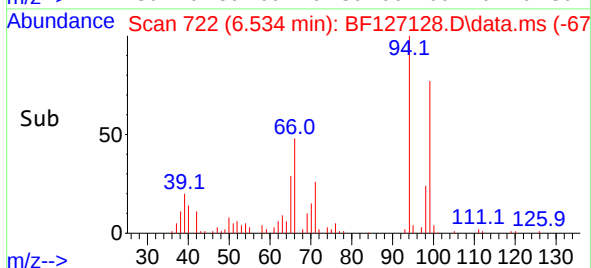
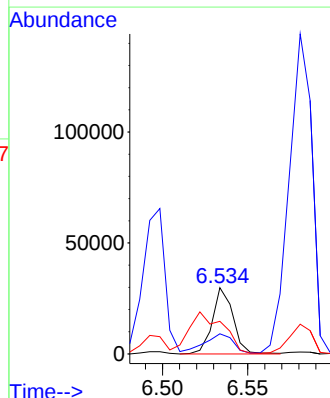
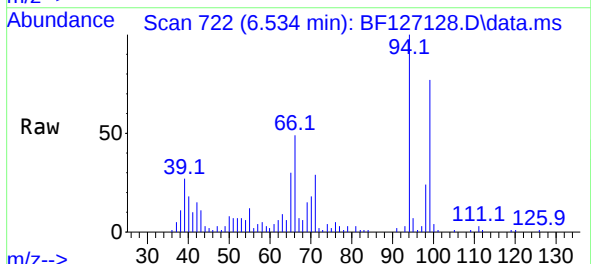
Instrument :
BNA_F
ClientSampleId :
DUP022522

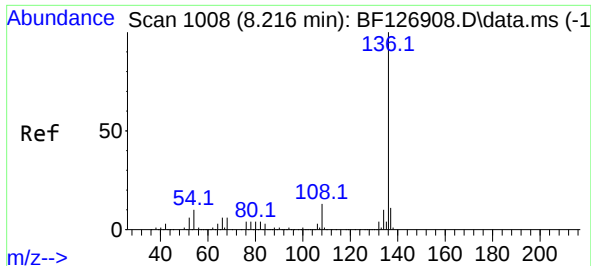
Tgt Ion: 99 Resp: 278204
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 40.5 24.3 36.5#



#10
Phenol
Concen: 3.512 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

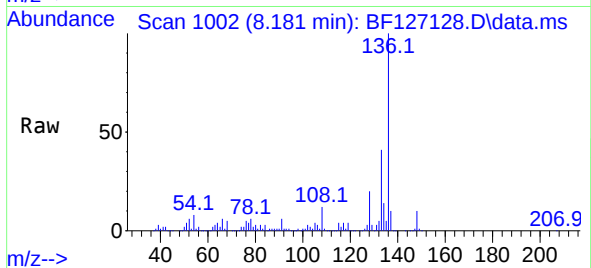
Tgt Ion: 94 Resp: 25060
Ion Ratio Lower Upper
94 100
65 30.4 7.2 47.2
66 49.2 14.5 54.5



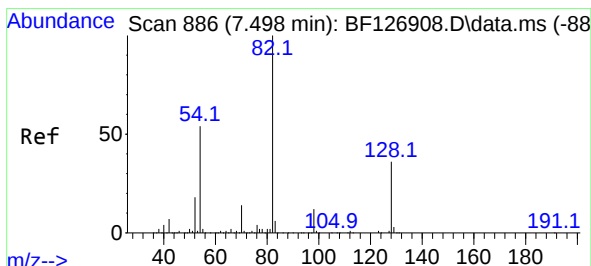
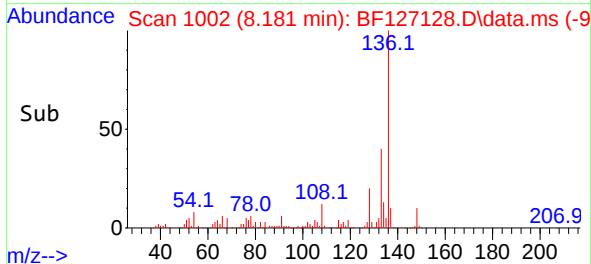
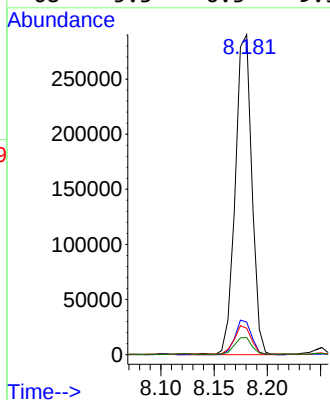


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

Instrument :
BNA_F
ClientSampleId :
DUP022522

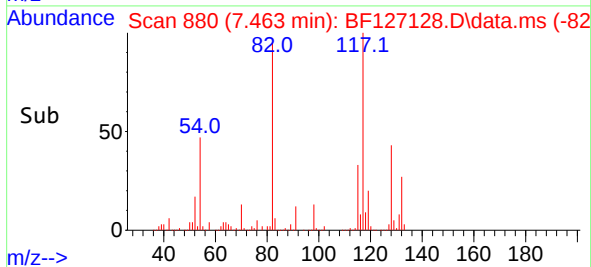
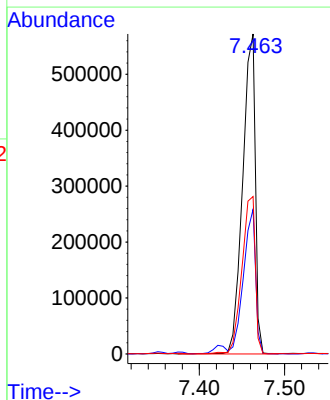
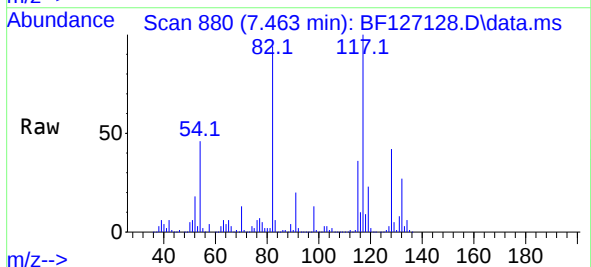


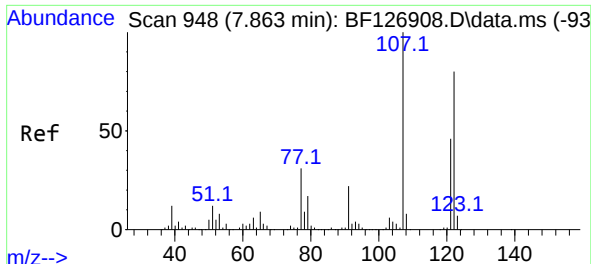
Tgt Ion:136 Resp: 314229
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.2 7.8 11.6
68 5.3 6.3 9.5#



#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

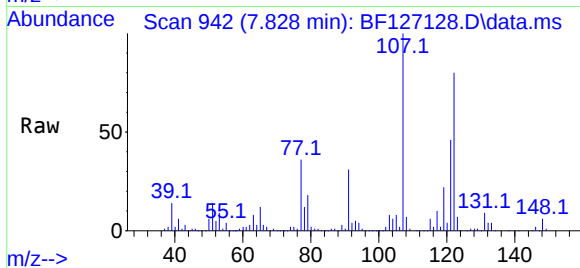
Tgt Ion: 82 Resp: 589160
Ion Ratio Lower Upper
82 100
128 45.2 32.7 49.1
54 49.2 41.7 62.5



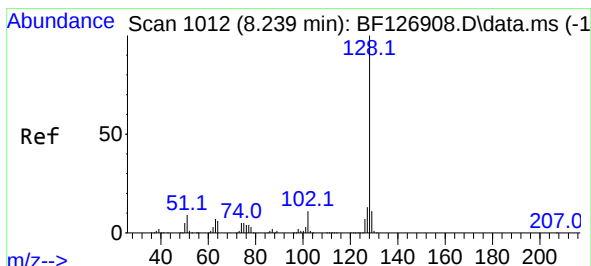
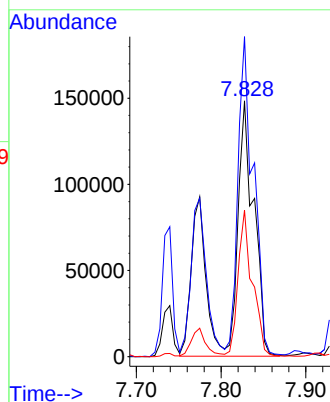
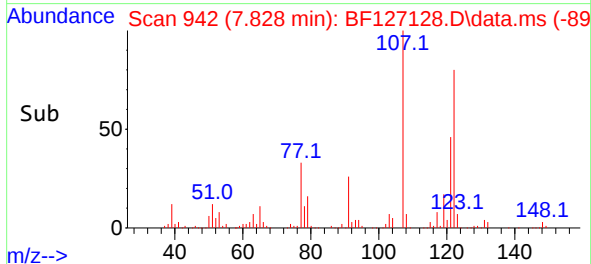


#27
2,4-Dimethylphenol
Concen: 65.647 ng m
RT: 7.828 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

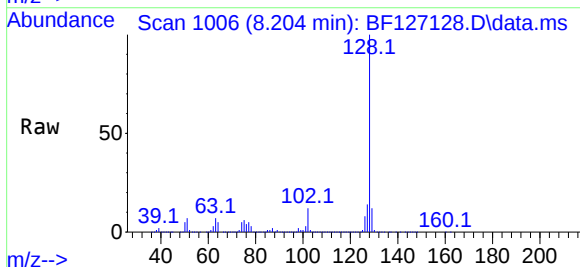
Instrument :
BNA_F
ClientSampleId :
DUP022522



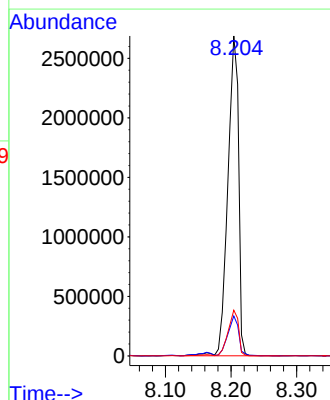
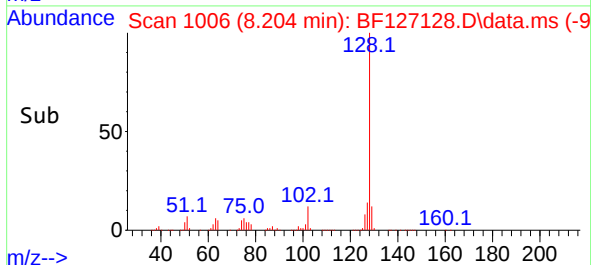
Tgt Ion:122 Resp: 301968
Ion Ratio Lower Upper
122 100
107 125.1 91.2 136.8
121 57.3 44.4 66.6

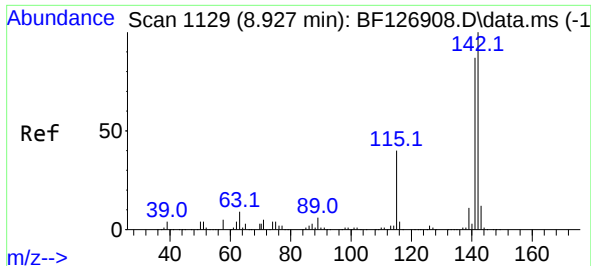


#31
Naphthalene
Concen: 187.192 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57



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





#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 :

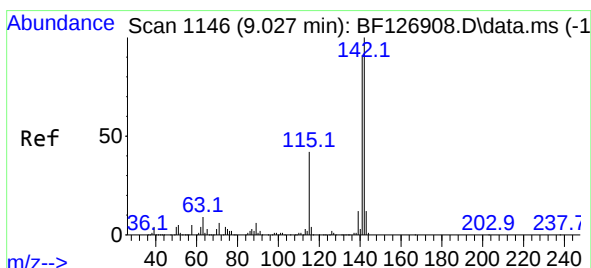
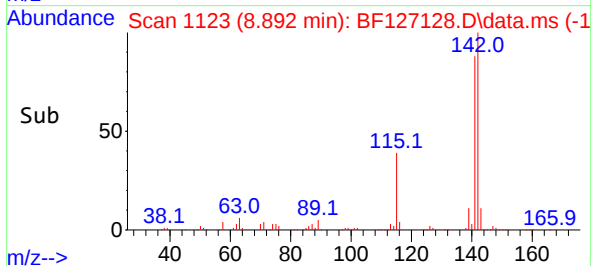
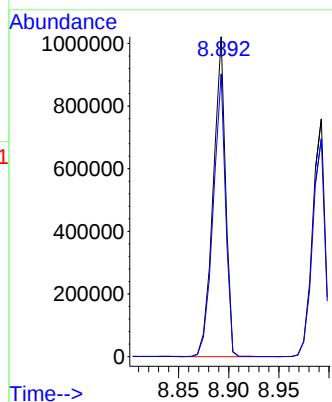
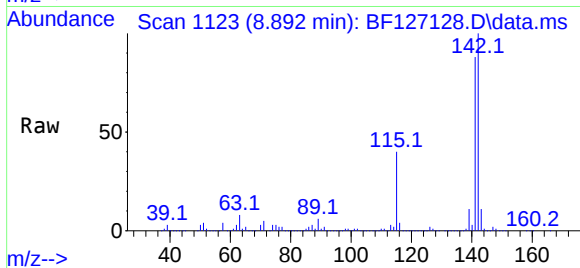
DUP022522

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

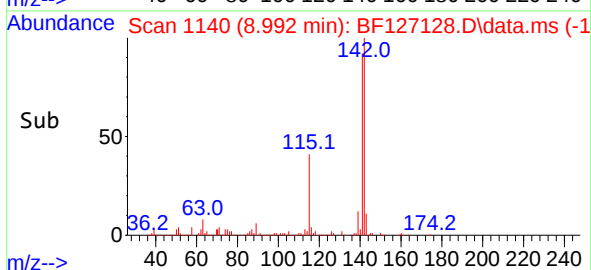
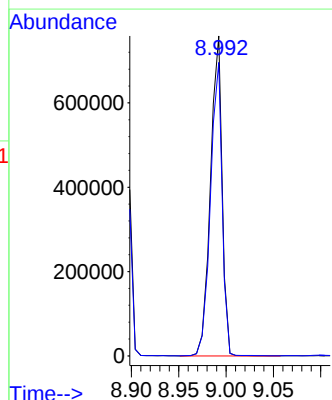
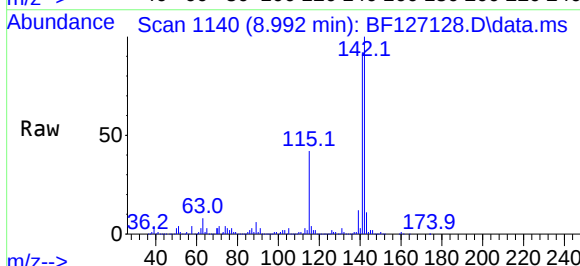
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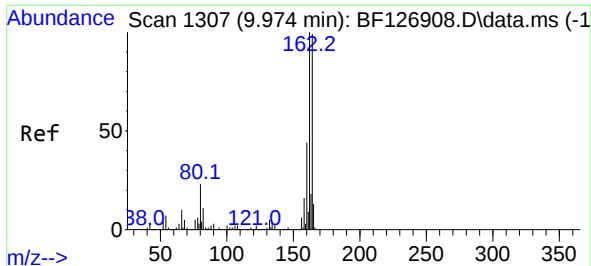
Tgt Ion:142 Resp: 652094

Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1

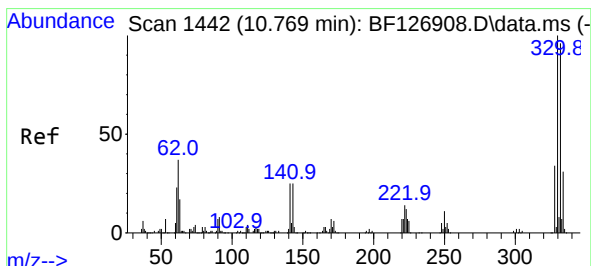
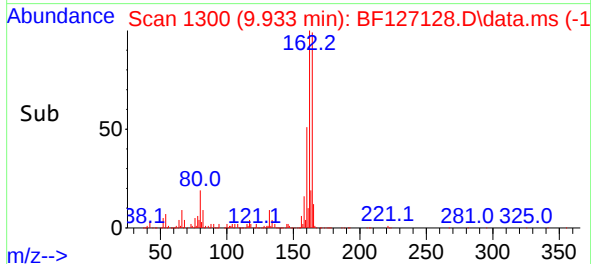
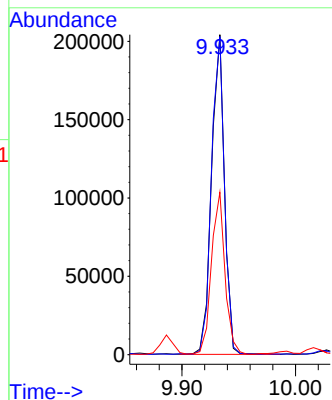
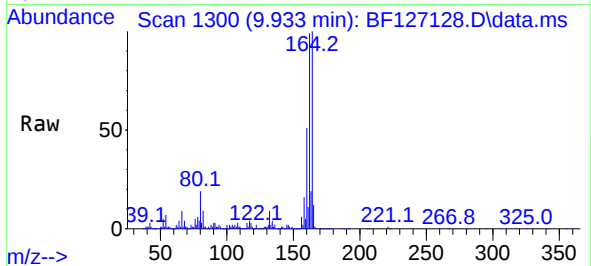




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

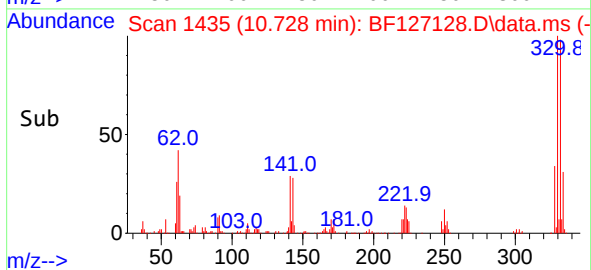
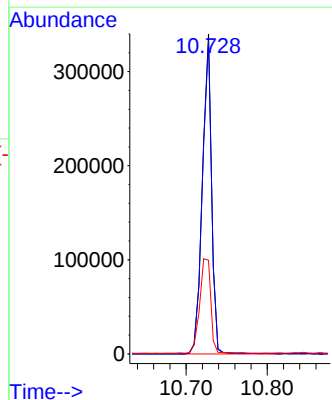
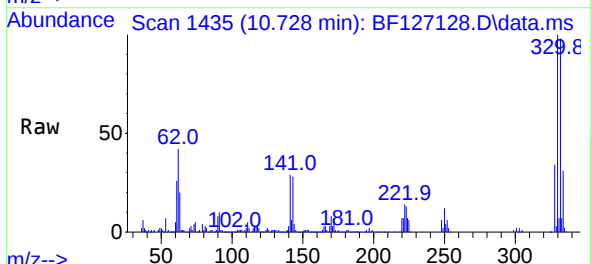
Instrument :
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DUP022522

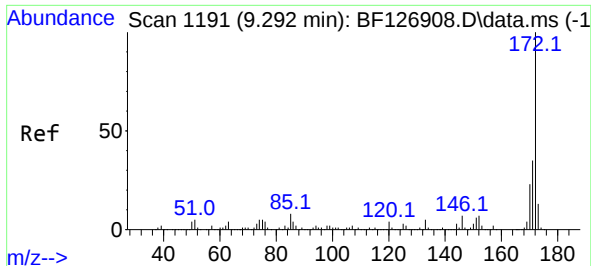
Tgt Ion:164 Resp: 161303
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 50.7 36.6 54.8



#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# 1191

Delta R.T. -0.000 min

Lab File: BF127128.D

Acq: 01 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DUP022522

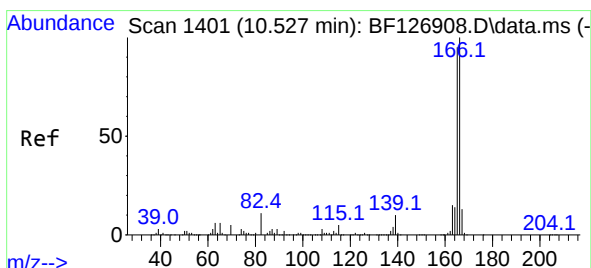
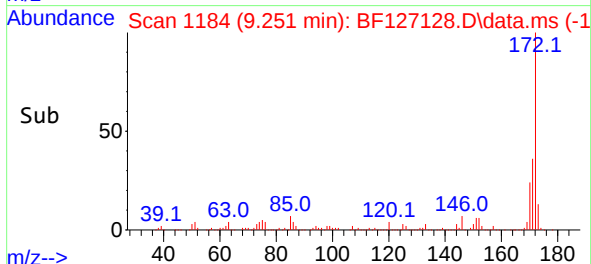
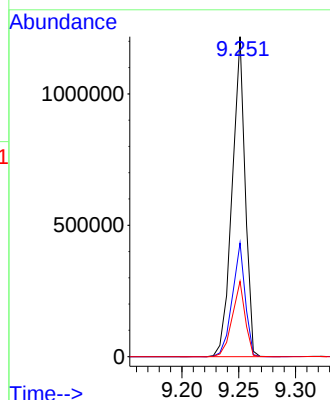
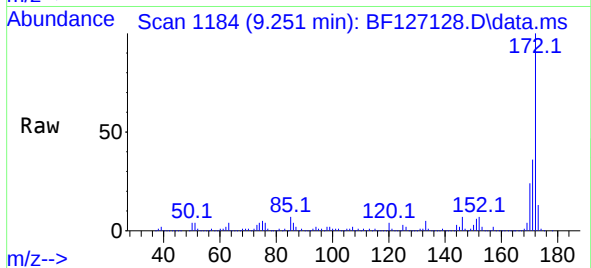
Tgt Ion:172 Resp: 971547

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

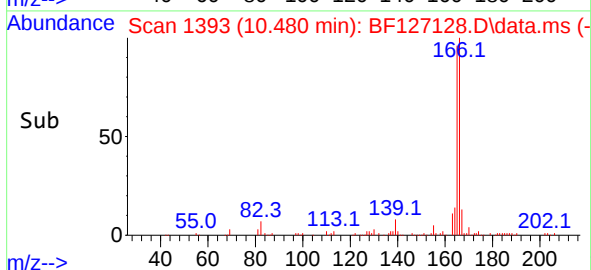
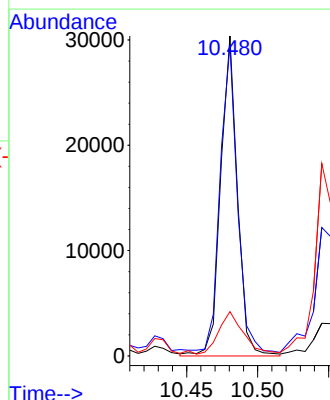
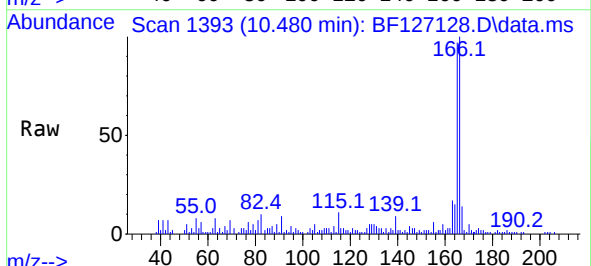
Tgt Ion:166 Resp: 25035

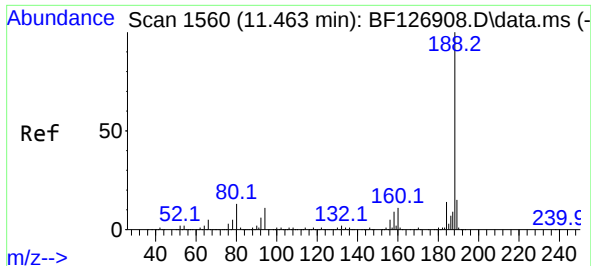
Ion Ratio Lower Upper

166 100

165 97.1 77.7 116.5

167 13.8 10.7 16.1

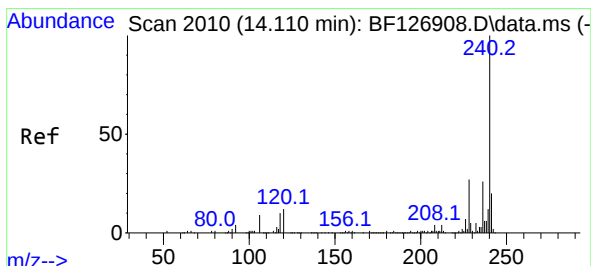
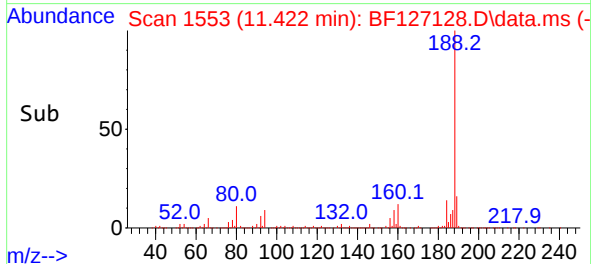
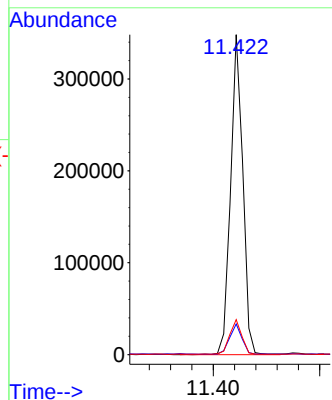
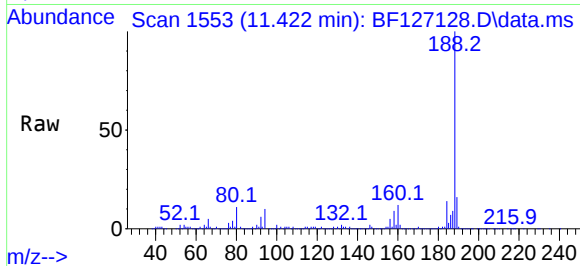




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

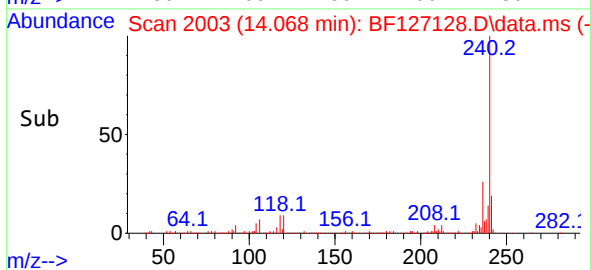
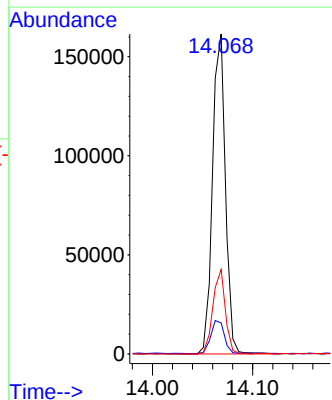
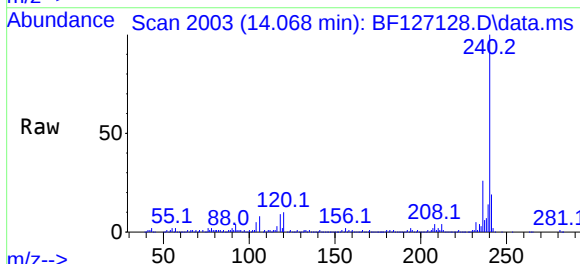
Instrument :
BNA_F
ClientSampleId :
DUP022522

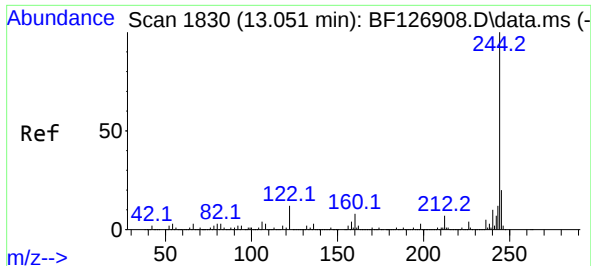
Tgt Ion:188 Resp: 276057
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.9 11.8 17.6#



#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

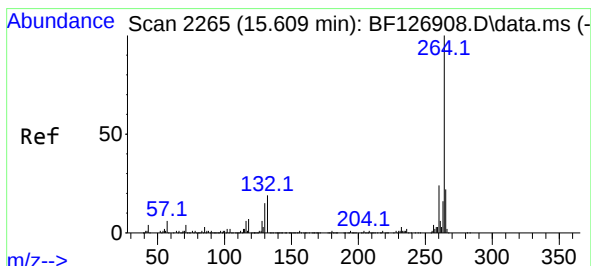
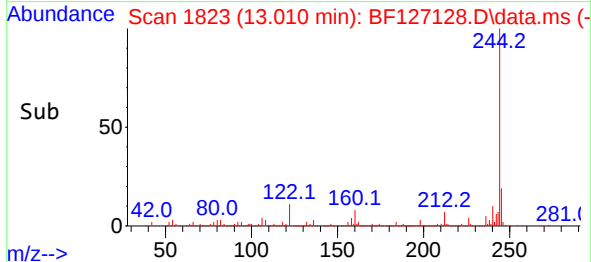
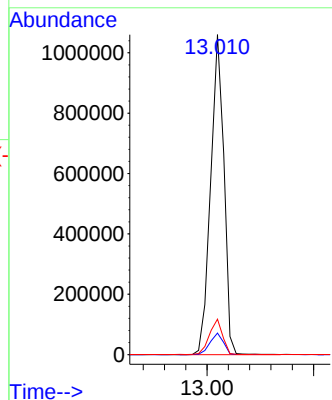
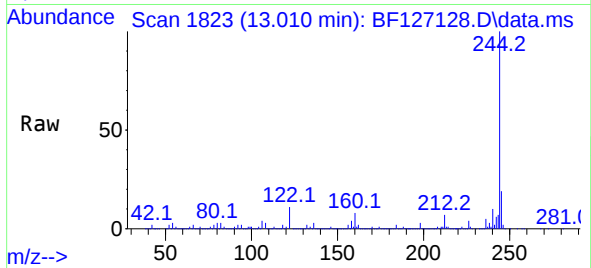




#79
Terphenyl-d14
Concen: 93.363 ng
RT: 13.010 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127128.D
Acq: 01 Mar 2022 20:57

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

