

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123689.D
 Acq On : 22 Apr 2021 13:24
 Operator : JU/CG
 Sample : M2045-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124-GW-2DL

Quant Time: Apr 22 14:09:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

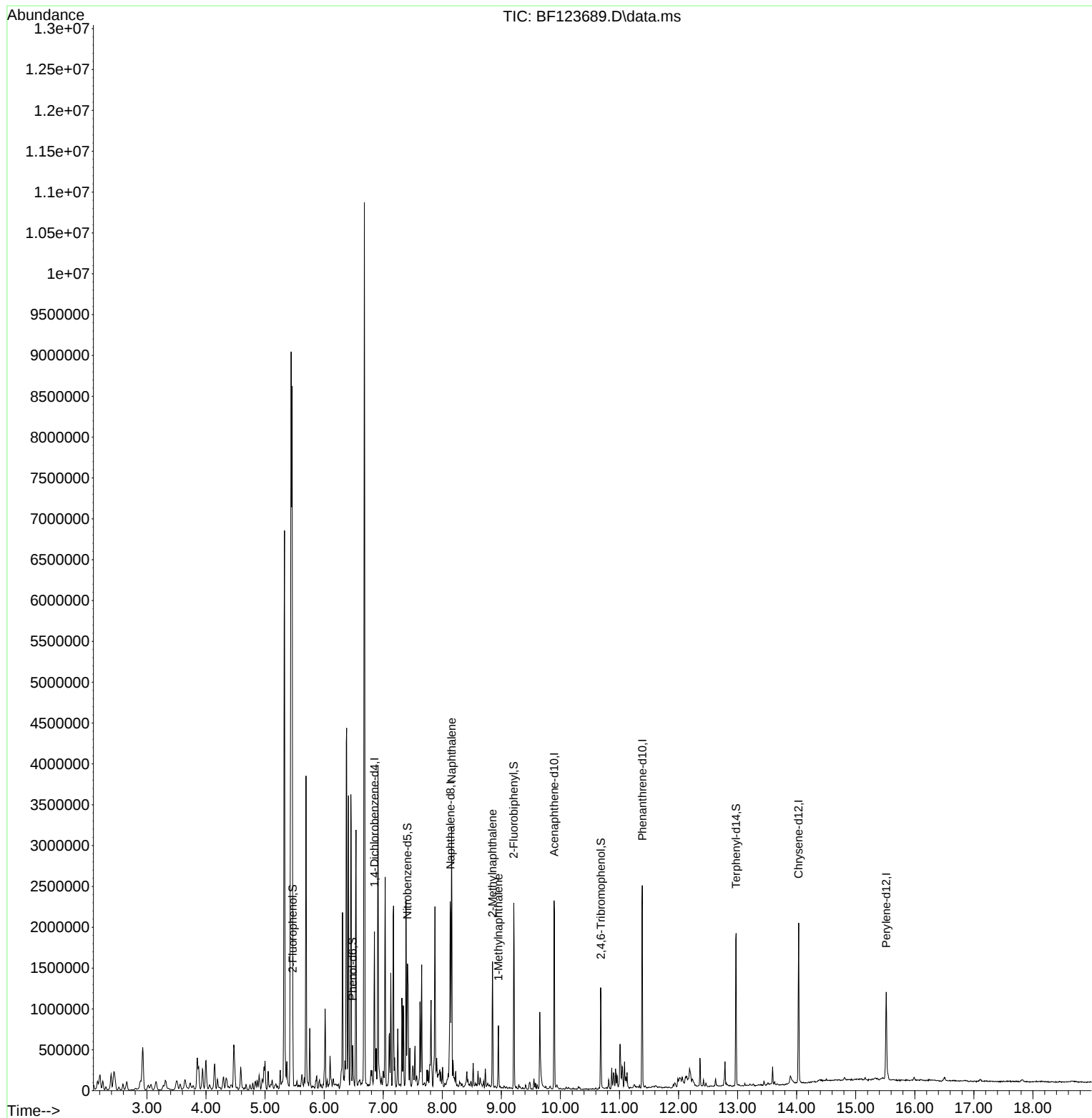
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	227224	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	880403	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	448748	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	891887	20.00	ng	0.00
76) Chrysene-d12	14.033	240	633173	20.00	ng	0.00
86) Perylene-d12	15.515	264	500883	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	165072	11.74	ng	0.00
7) Phenol-d6	6.481	99	140166	7.19	ng	-0.01
23) Nitrobenzene-d5	7.410	82	369330	19.29	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	143352	28.21	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	624102	20.73	ng	0.00
79) Terphenyl-d14	12.974	244	625992	19.22	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.157	128	1030192	22.72	ng	99
37) 2-Methylnaphthalene	8.851	142	350589	11.79	ng	99
38) 1-Methylnaphthalene	8.951	142	177868	6.32	ng	99

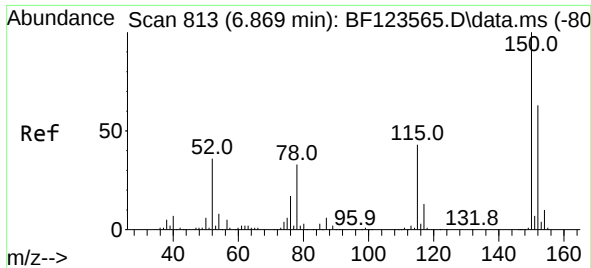
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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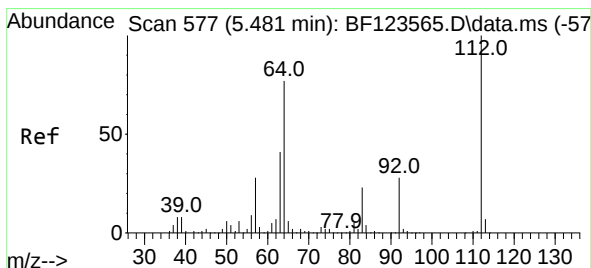
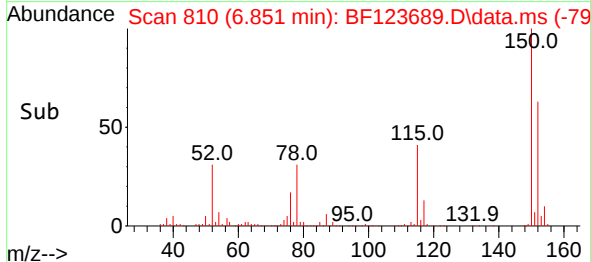
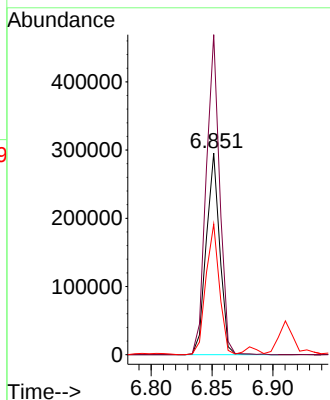
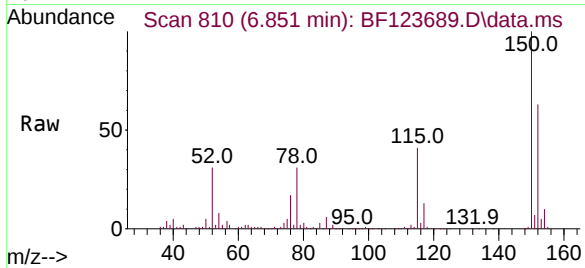




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF123689.D
 Acq: 22 Apr 2021 13:24

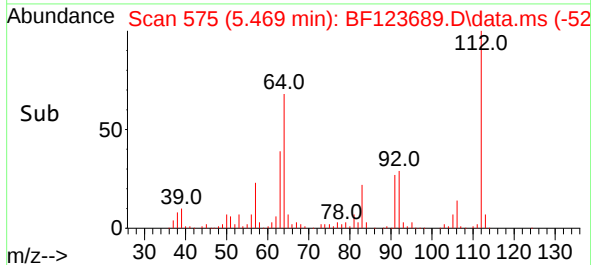
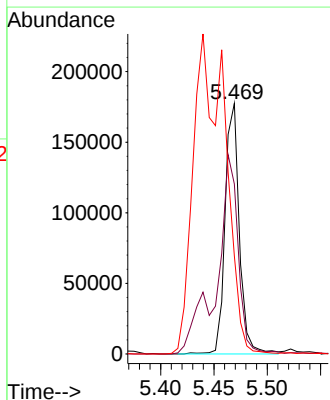
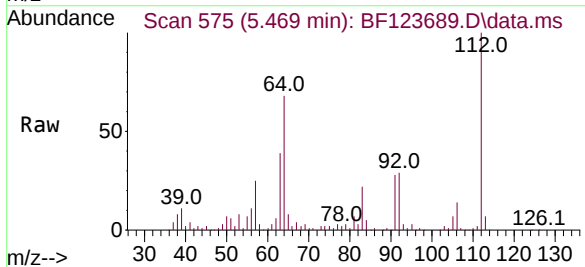
Instrument :
 BNA_F
 ClientSampleId :
 124-GW-2DL

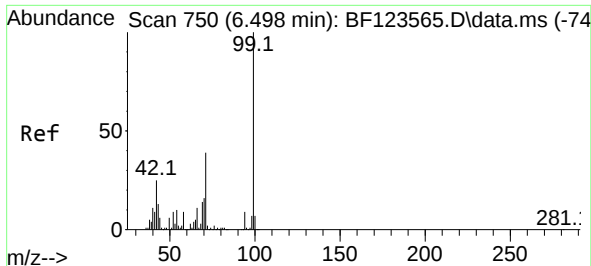
Tgt Ion:152 Resp: 227224
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.0 190.6
 115 64.8 54.3 81.5



#5
 2-Fluorophenol
 Concen: 11.74 ng
 RT: 5.469 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: BF123689.D
 Acq: 22 Apr 2021 13:24

Tgt Ion:112 Resp: 165072
 Ion Ratio Lower Upper
 112 100
 64 67.8 61.4 92.0
 63 39.1 33.0 49.4

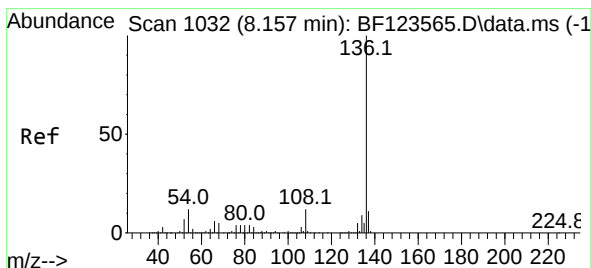
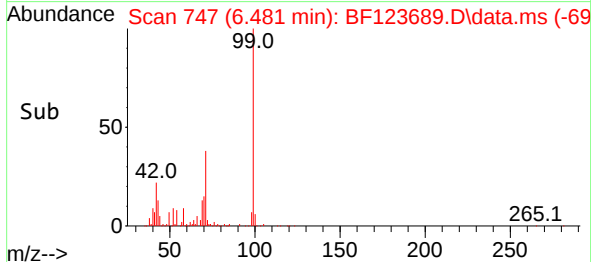
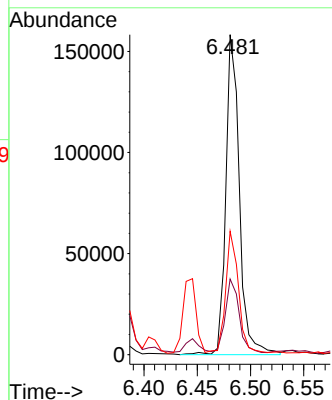
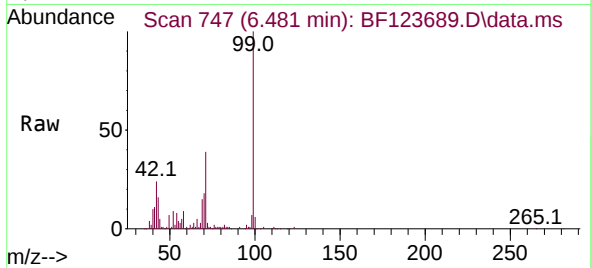




#7
Phenol-d6
Concen: 7.19 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

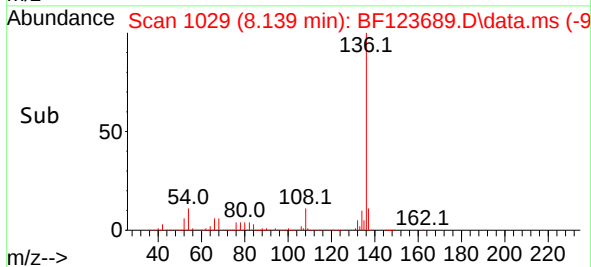
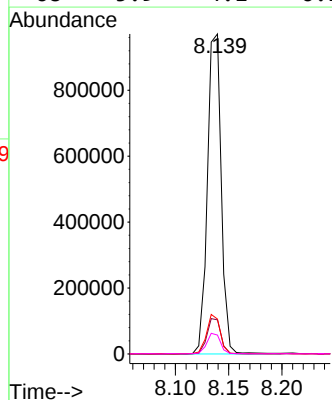
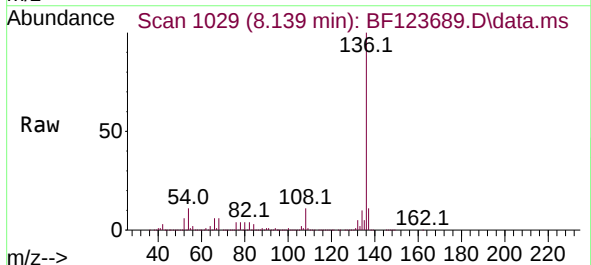
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

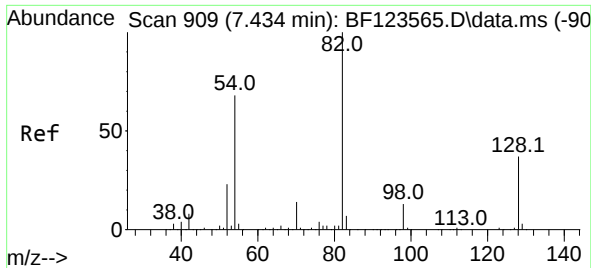
Tgt Ion: 99 Resp: 140166
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.8
71 38.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion: 136 Resp: 880403
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.9 9.8 14.6
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 19.29 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123689.D

Acq: 22 Apr 2021 13:24

Tgt Ion: 82 Resp: 369330

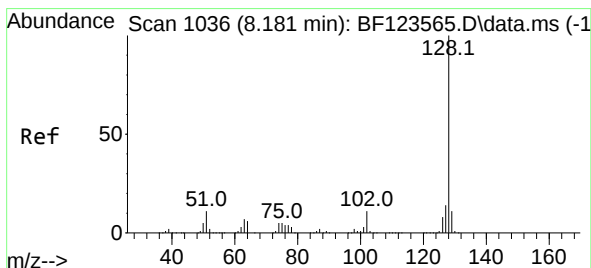
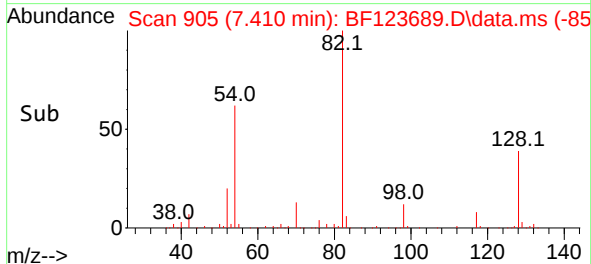
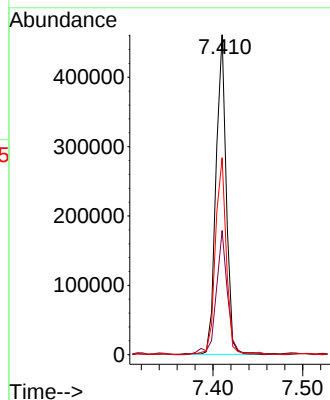
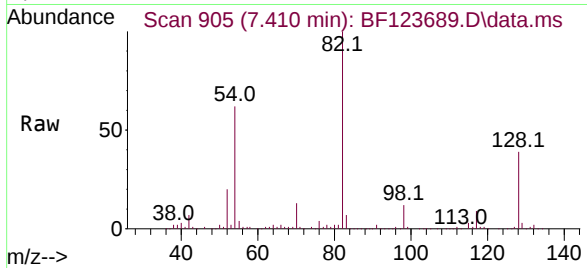
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	61.5	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

124-GW-2DL



#31

Naphthalene

Concen: 22.72 ng

RT: 8.157 min Scan# 1032

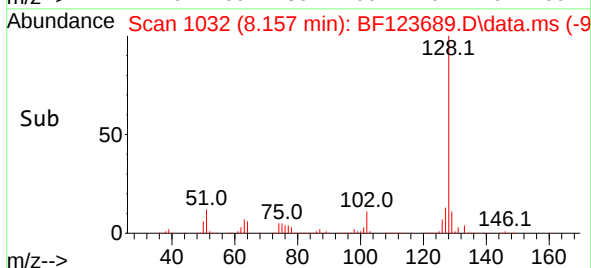
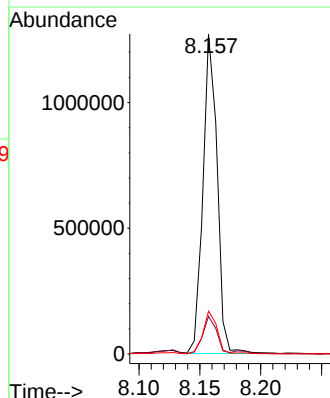
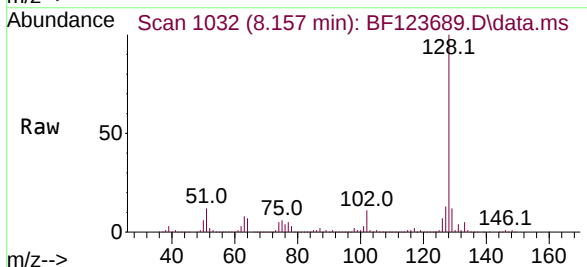
Delta R.T. -0.006 min

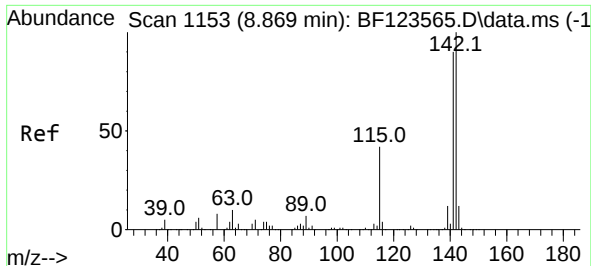
Lab File: BF123689.D

Acq: 22 Apr 2021 13:24

Tgt Ion:128 Resp: 1030192

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.9	13.3
127	13.4	10.8	16.2

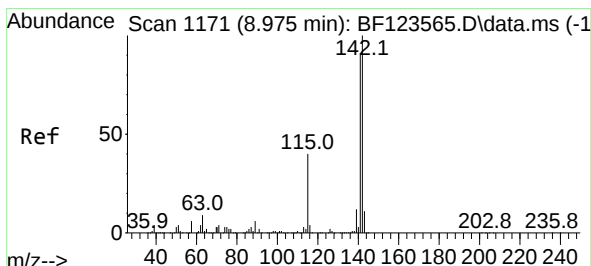
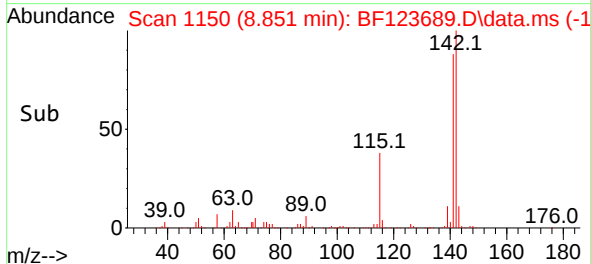
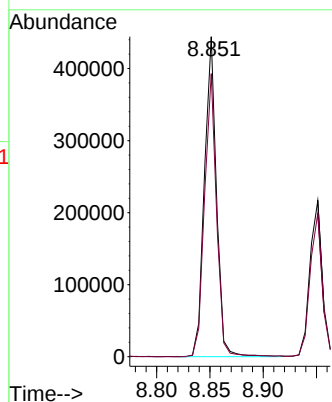
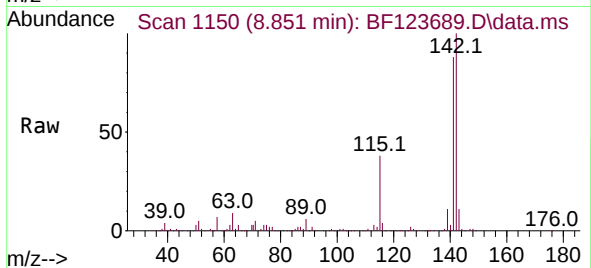




#37
2-Methylnaphthalene
Concen: 11.79 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

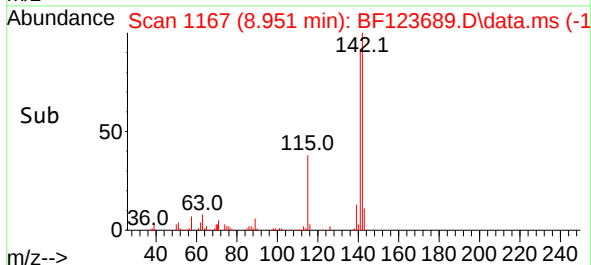
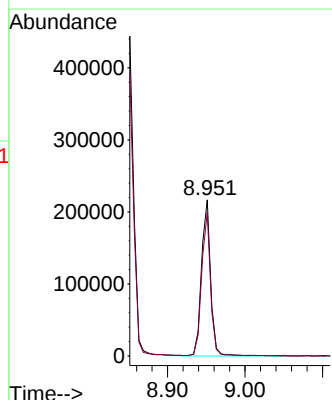
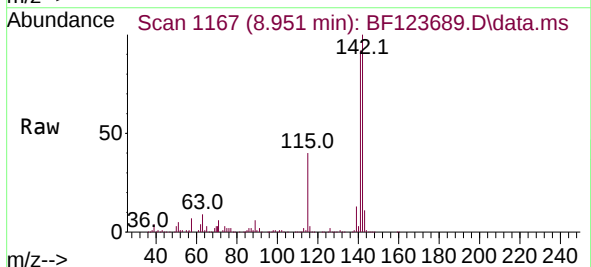
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

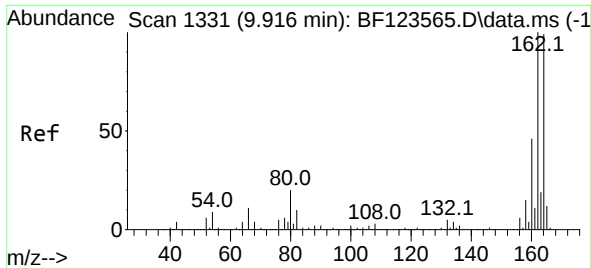
Tgt Ion:142 Resp: 350589
Ion Ratio Lower Upper
142 100
141 88.5 71.8 107.6



#38
1-Methylnaphthalene
Concen: 6.32 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:142 Resp: 177868
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2

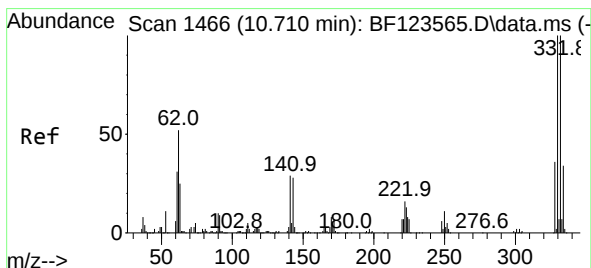
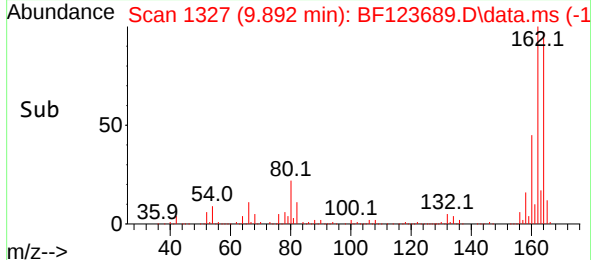
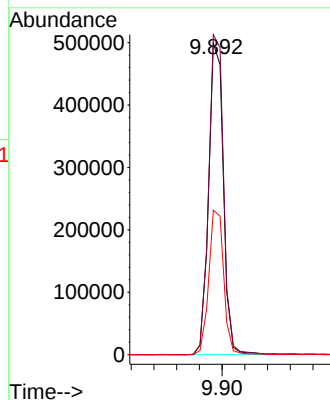
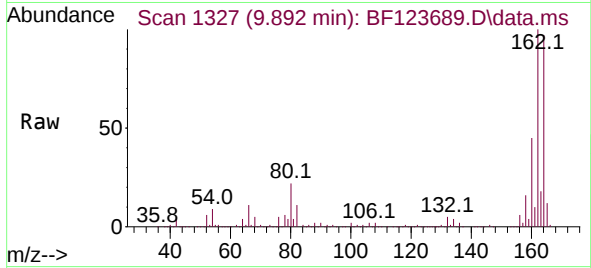




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

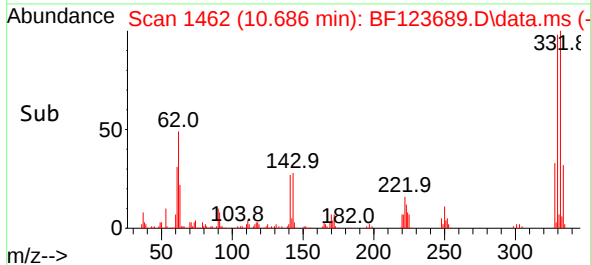
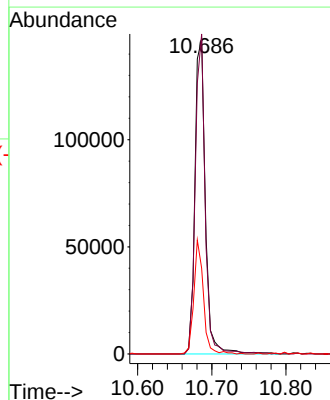
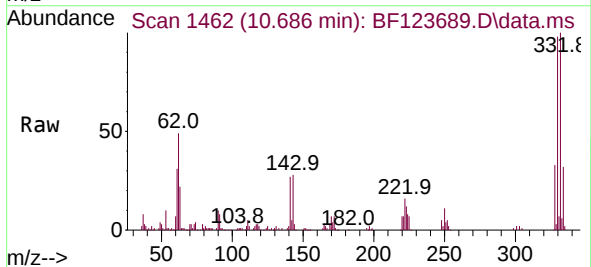
Instrument :
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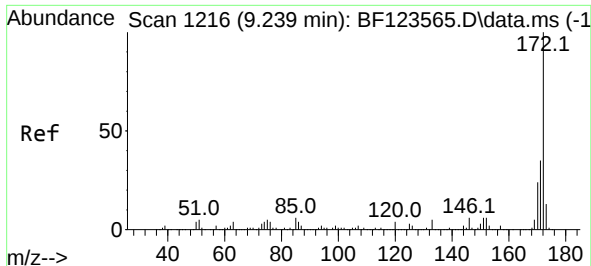
Tgt Ion:164 Resp: 448748
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 46.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 28.21 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:330 Resp: 143352
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.2 27.9 41.9

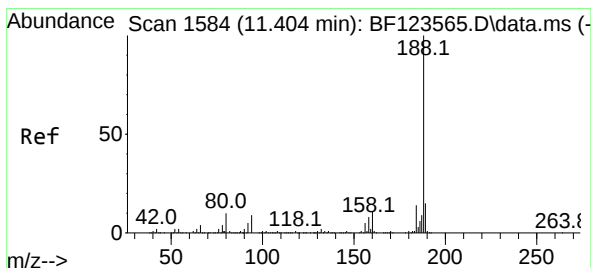
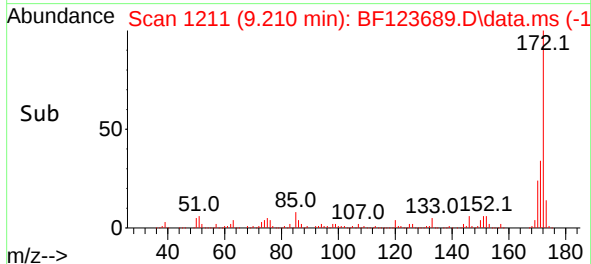
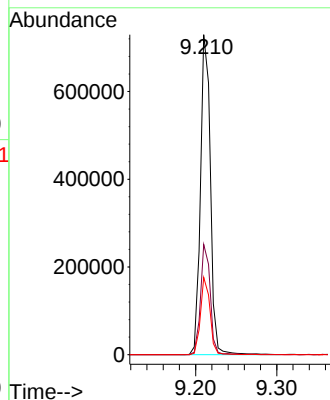
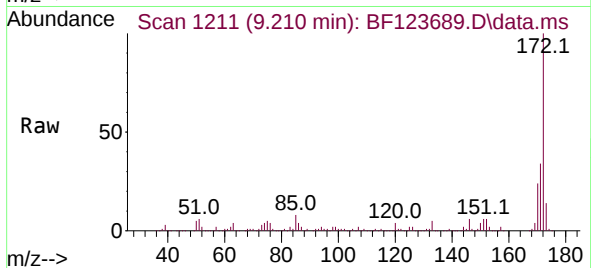




#45
2-Fluorobiphenyl
Concen: 20.73 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

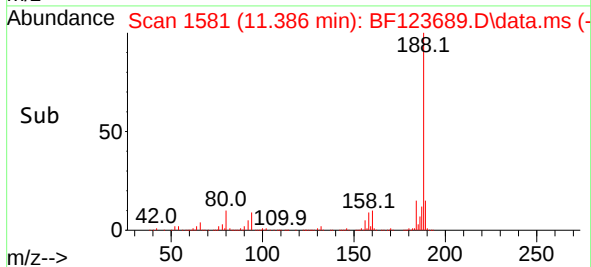
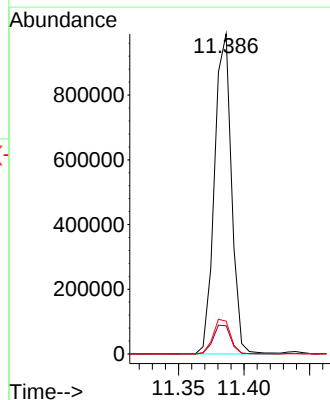
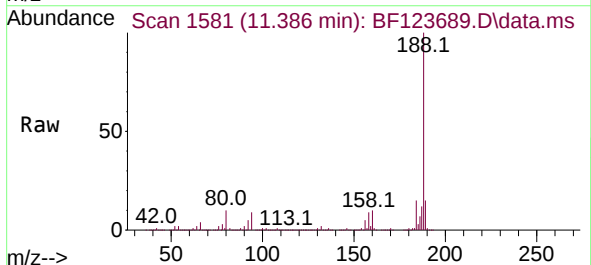
Instrument :
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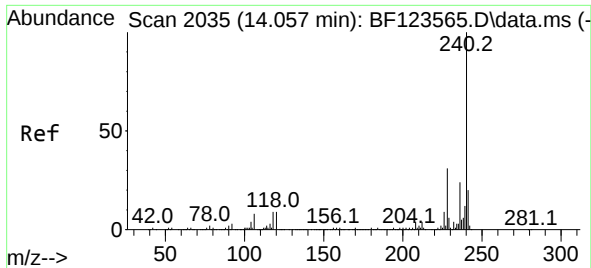
Tgt Ion:172 Resp: 624102
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 24.1 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:188 Resp: 891887
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.2 8.2 12.2

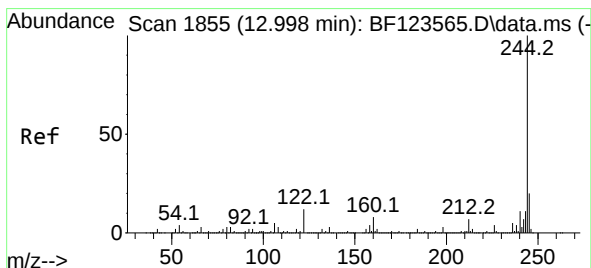
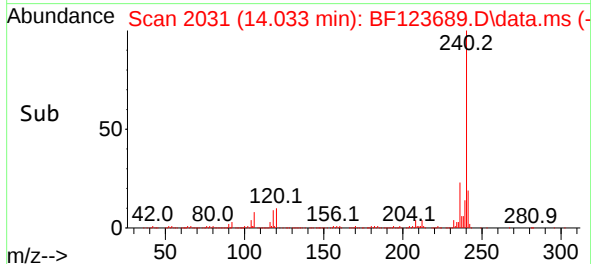
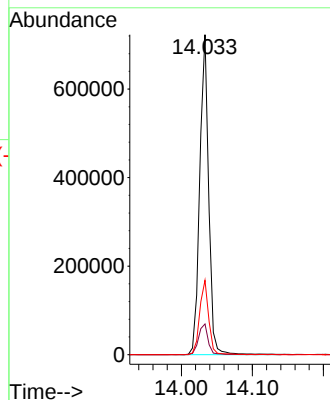
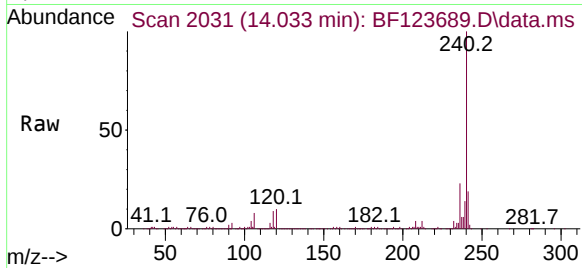




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

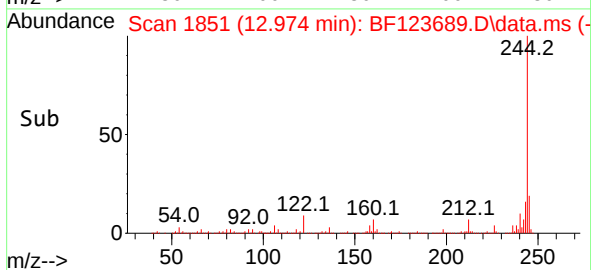
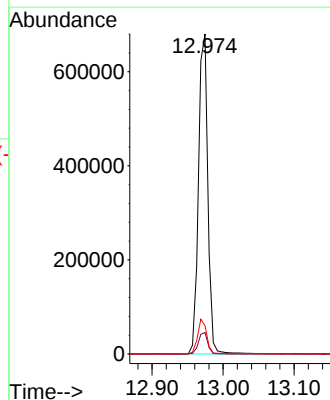
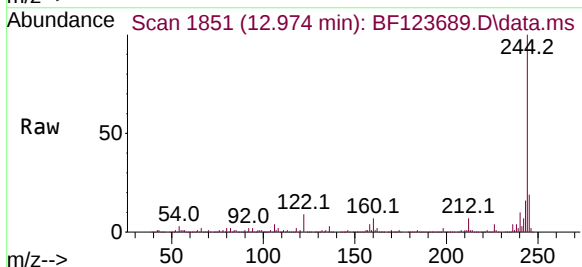
Instrument :
BNA_F
ClientSampleId :
124-GW-2DL

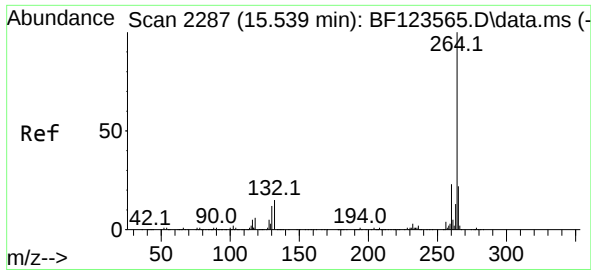
Tgt Ion:240 Resp: 633173
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 23.3 19.0 28.4



#79
Terphenyl-d14
Concen: 19.22 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123689.D
Acq: 22 Apr 2021 13:24

Tgt Ion:244 Resp: 625992
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 8.9 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.012 min
 Lab File: BF123689.D
 Acq: 22 Apr 2021 13:24

Instrument :
 BNA_F
 ClientSampleId :
 124-GW-2DL

Tgt Ion:264 Resp: 500883

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	20.8	17.8	26.8

