

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123281.D
 Acq On : 23 Feb 2021 15:11
 Operator : JU/CG
 Sample : PB134772TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134772TB

Quant Time: Feb 23 18:19:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	114612	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	465753	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	232233	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	440664	20.00	ng	0.00
76) Chrysene-d12	14.039	240	372873	20.00	ng	0.00
86) Perylene-d12	15.510	264	348451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	977621	122.78	ng	0.01
7) Phenol-d6	6.493	99	1230137	113.72	ng	0.00
23) Nitrobenzene-d5	7.416	82	814351	80.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	270258	114.29	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1272836	78.73	ng	0.00
79) Terphenyl-d14	12.986	244	1396199	72.00	ng	0.00

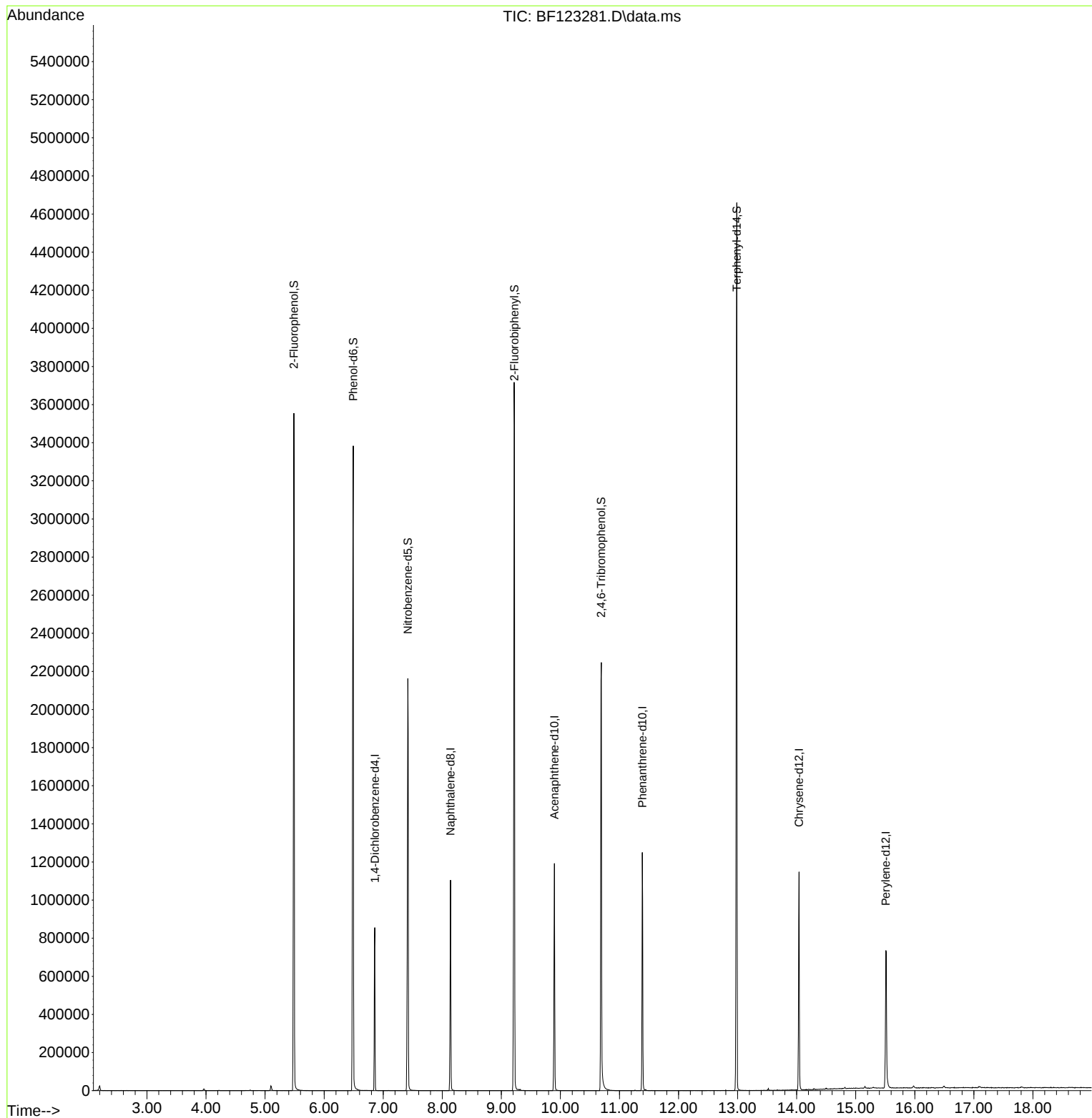
Target Compounds	Qvalue

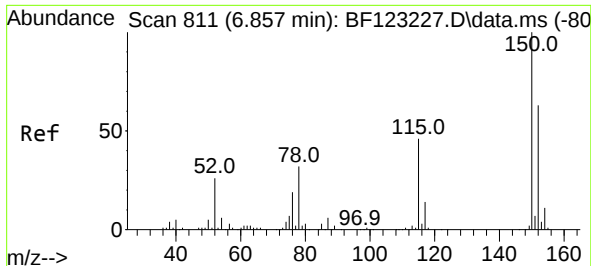
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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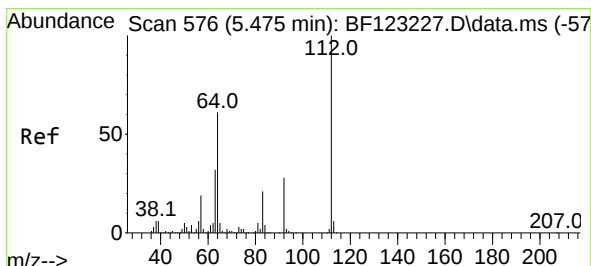
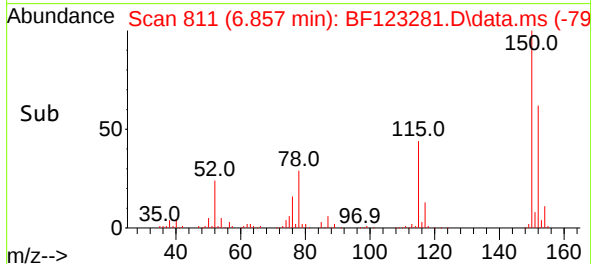
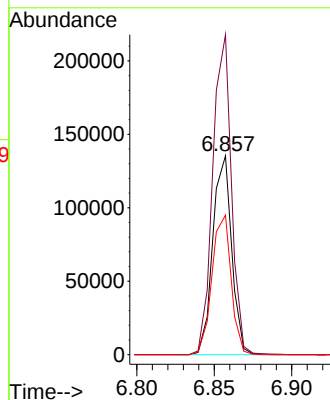
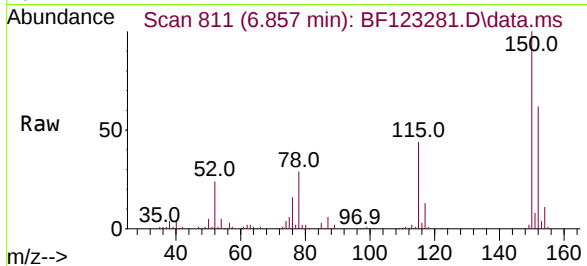




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

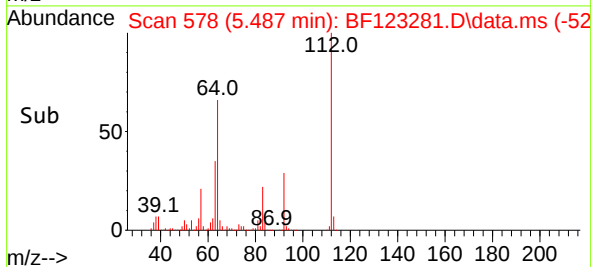
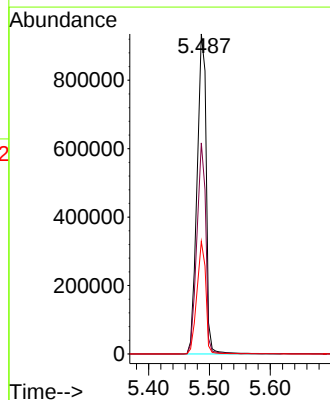
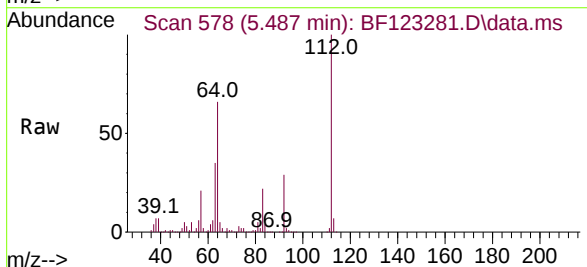
Instrument :
BNA_F
ClientSampleId :
PB134772TB

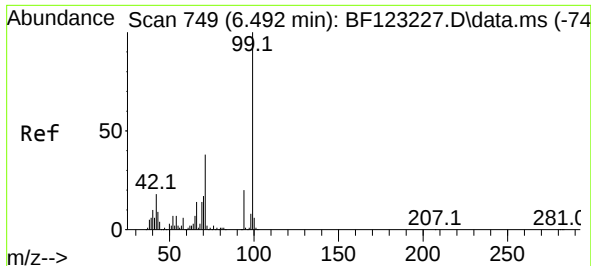
Tgt Ion:152 Resp: 114612
Ion Ratio Lower Upper
152 100
150 160.9 125.8 188.6
115 70.2 49.3 73.9



#5
2-Fluorophenol
Concen: 122.78 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion:112 Resp: 977621
Ion Ratio Lower Upper
112 100
64 65.9 46.9 70.3
63 35.1 24.5 36.7



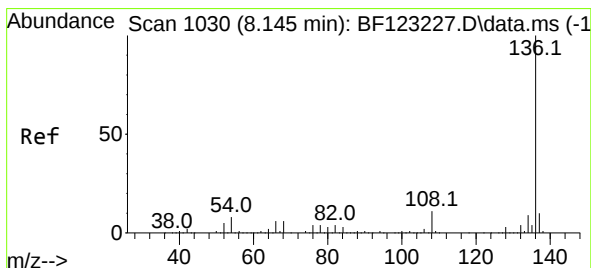
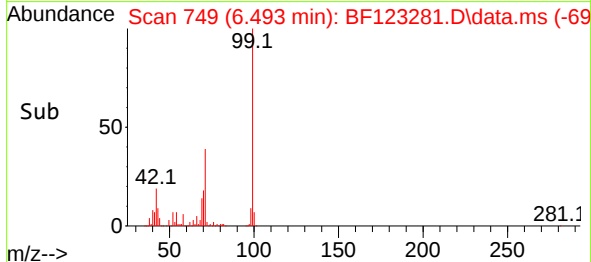
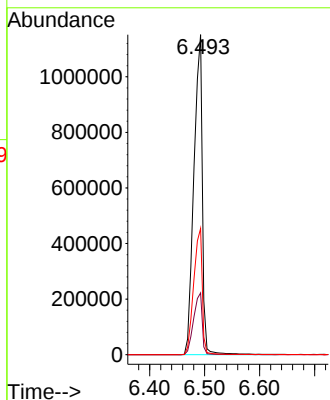
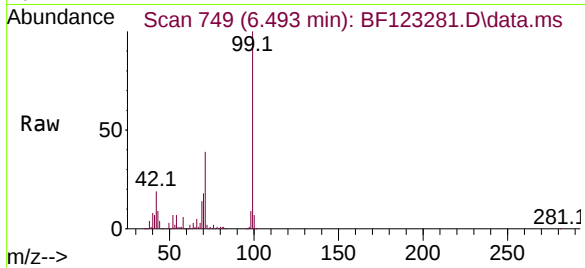


#7
Phenol-d6
Concen: 113.72 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Instrument :
BNA_F
ClientSampleId :
PB134772TB

Tgt Ion: 99 Resp: 1230137

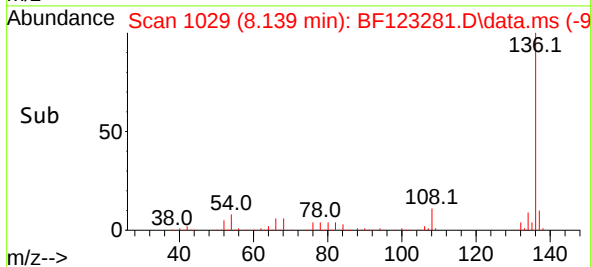
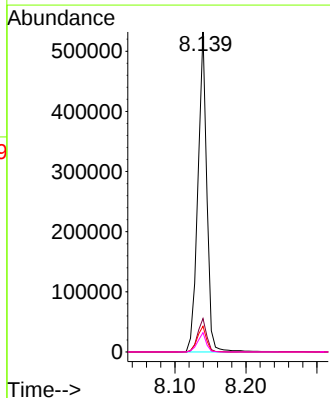
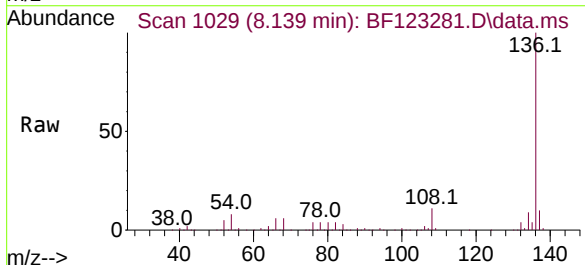
Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.8	20.6
71	39.5	26.9	40.3

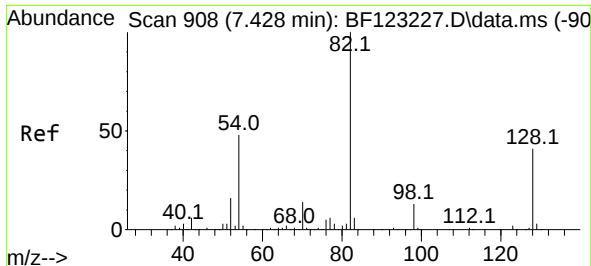


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion: 136 Resp: 465753

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	5.5	8.3
68	6.1	4.6	6.8





#23

Nitrobenzene-d5

Concen: 80.04 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123281.D

Acq: 23 Feb 2021 15:11

Tgt Ion: 82 Resp: 814351

Ion Ratio Lower Upper

82 100

128 37.9 37.0 55.4

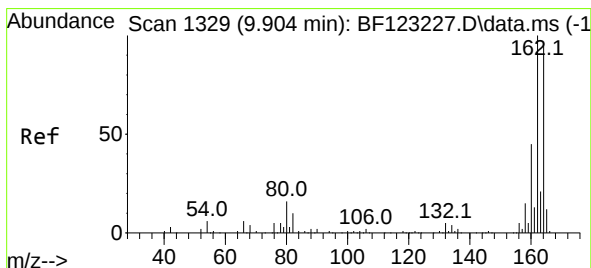
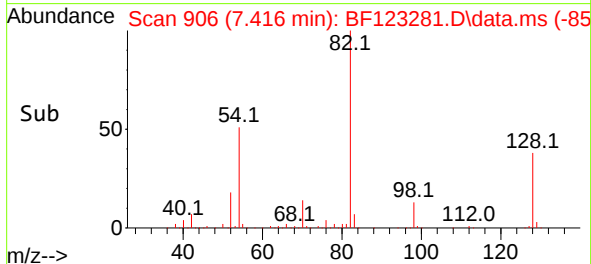
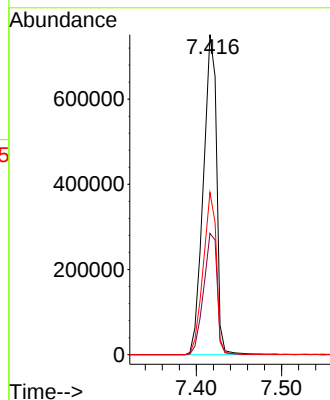
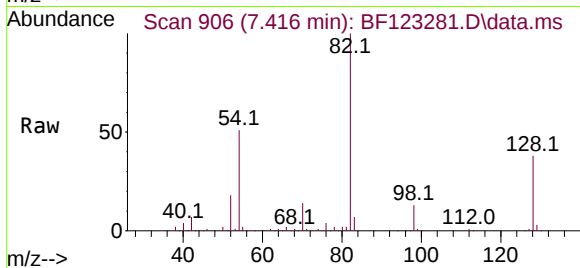
54 50.7 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

PB134772TB



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF123281.D

Acq: 23 Feb 2021 15:11

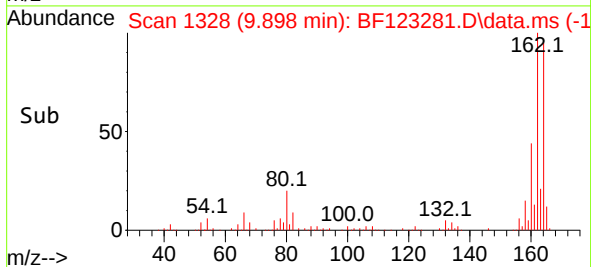
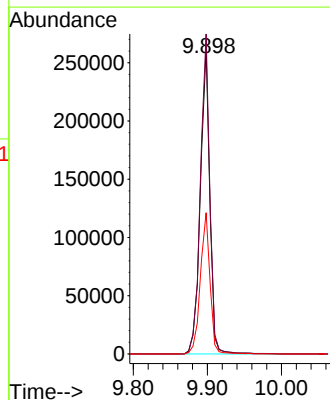
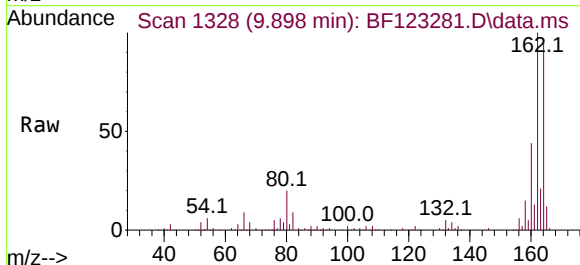
Tgt Ion:164 Resp: 232233

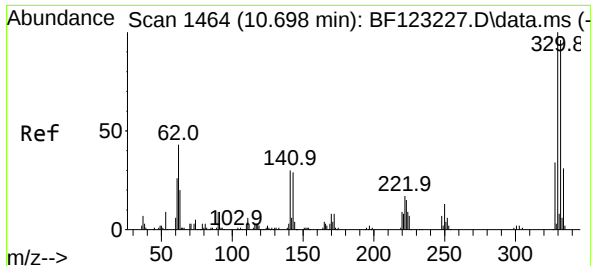
Ion Ratio Lower Upper

164 100

162 105.0 80.8 121.2

160 46.4 35.4 53.0

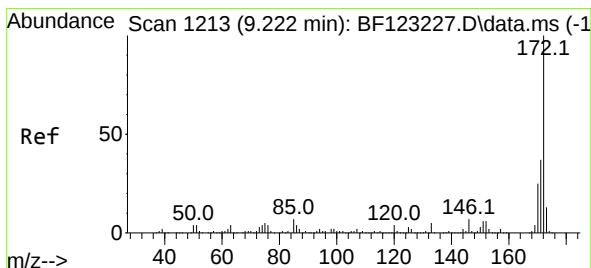
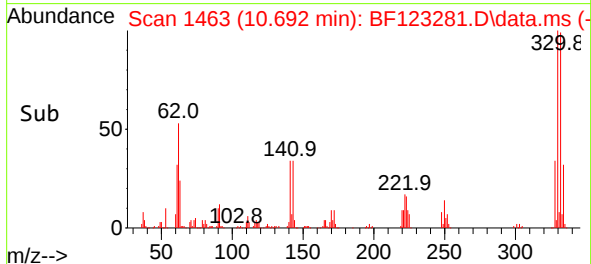
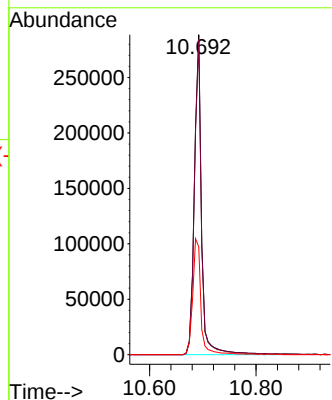
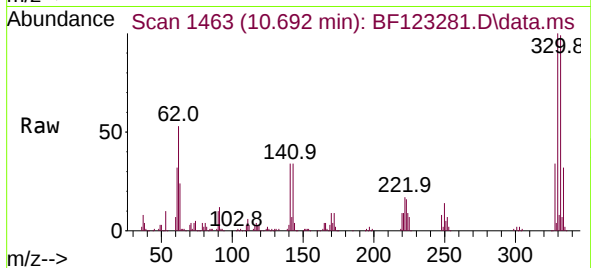




#42
2,4,6-Tribromophenol
Concen: 114.29 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

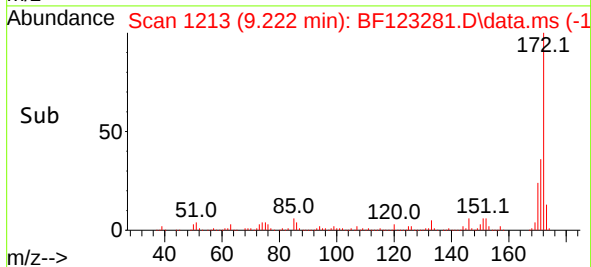
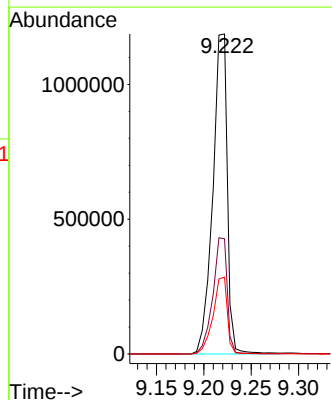
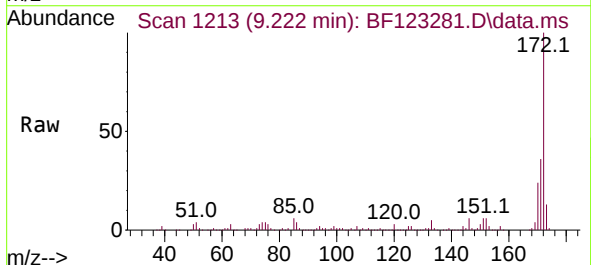
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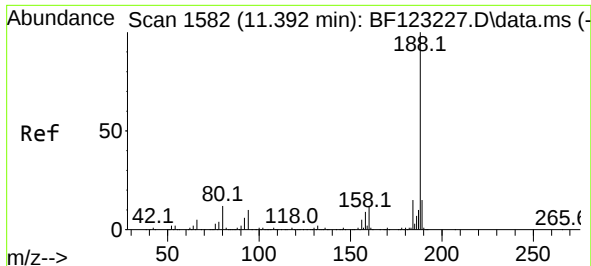
Tgt Ion: 330 Resp: 270258
Ion Ratio Lower Upper
330 100
332 98.2 77.5 116.3
141 41.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 78.73 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion: 172 Resp: 1272836
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.0 19.5 29.3

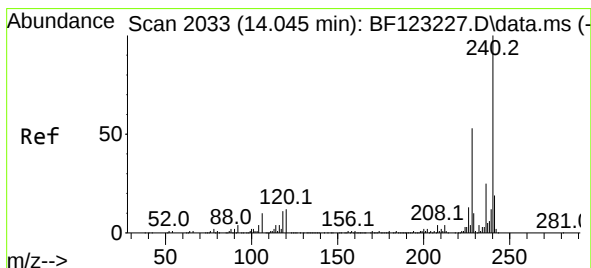
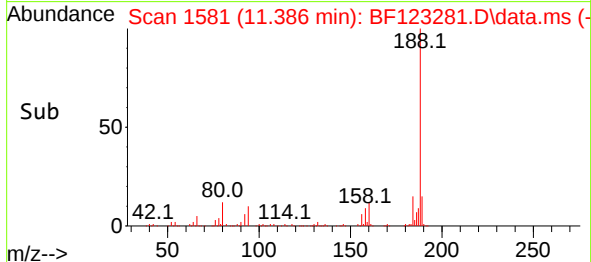
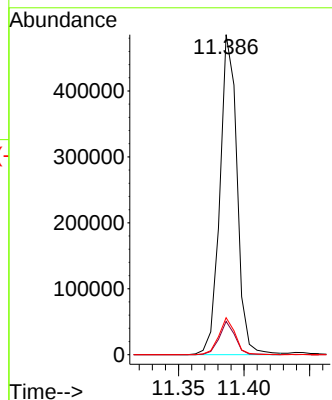
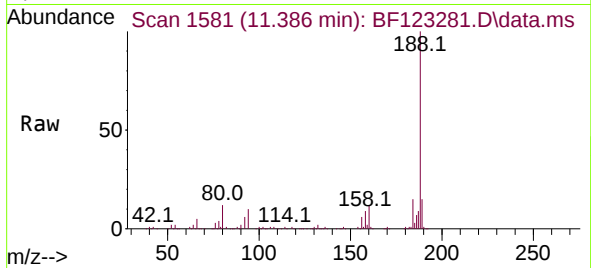




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

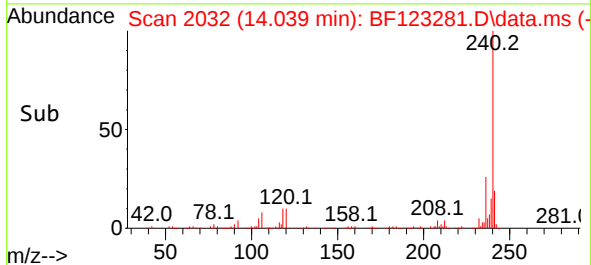
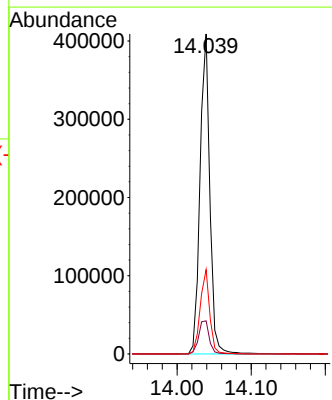
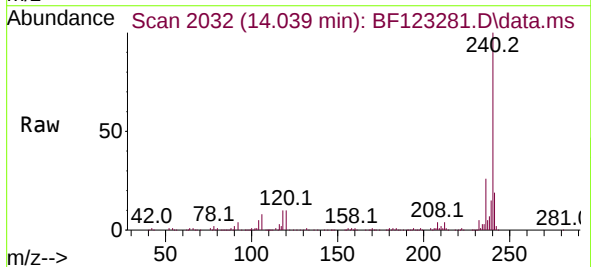
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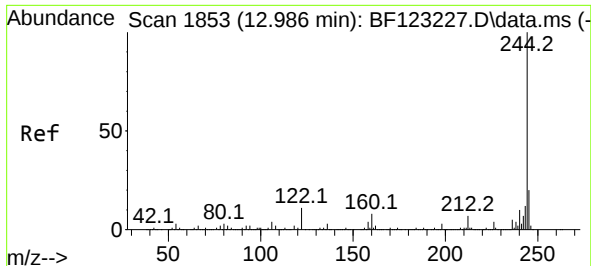
Tgt Ion:188 Resp: 440664
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123281.D
Acq: 23 Feb 2021 15:11

Tgt Ion:240 Resp: 372873
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 26.3 20.3 30.5

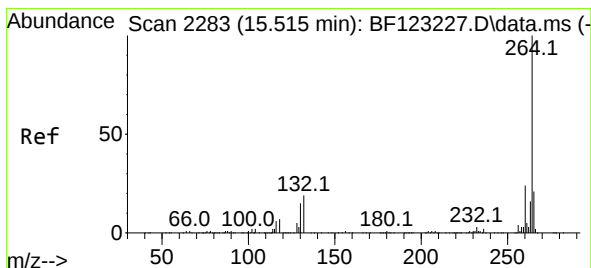
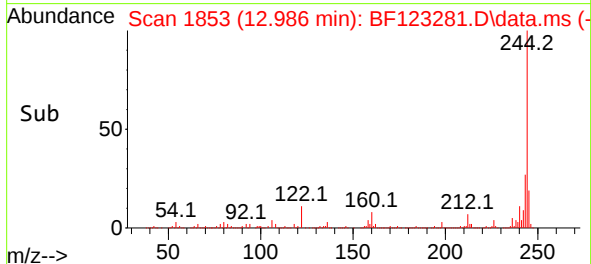
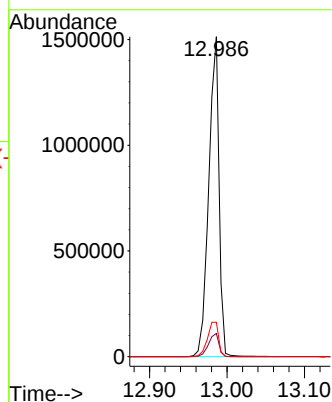
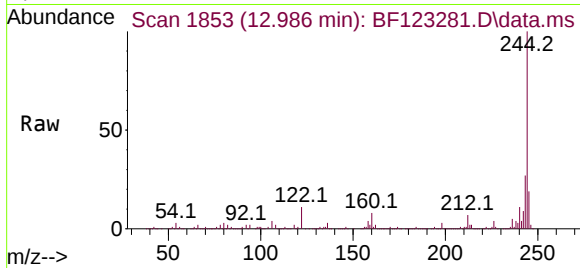




#79
 Terphenyl-d14
 Concen: 72.00 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF123281.D
 Acq: 23 Feb 2021 15:11

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1396199
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123281.D
 Acq: 23 Feb 2021 15:11

Tgt Ion:264 Resp: 348451
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.2 17.0 25.6

