

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124178.D
 Acq On : 8 Jun 2021 13:51
 Operator : JU/CG
 Sample : M2615-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1245

Quant Time: Jun 08 14:14:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	29348	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	109899	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	72896	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	134796	20.000	ng	0.00
76) Chrysene-d12	14.027	240	89987	20.000	ng	0.00
86) Perylene-d12	15.509	264	77488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	104856	53.784	ng	0.00
7) Phenol-d6	6.498	99	76224	29.087	ng	-0.01
23) Nitrobenzene-d5	7.422	82	257193	92.818	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	126882	122.857	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	483123	83.399	ng	0.00
79) Terphenyl-d14	12.974	244	540023	82.393	ng	0.00

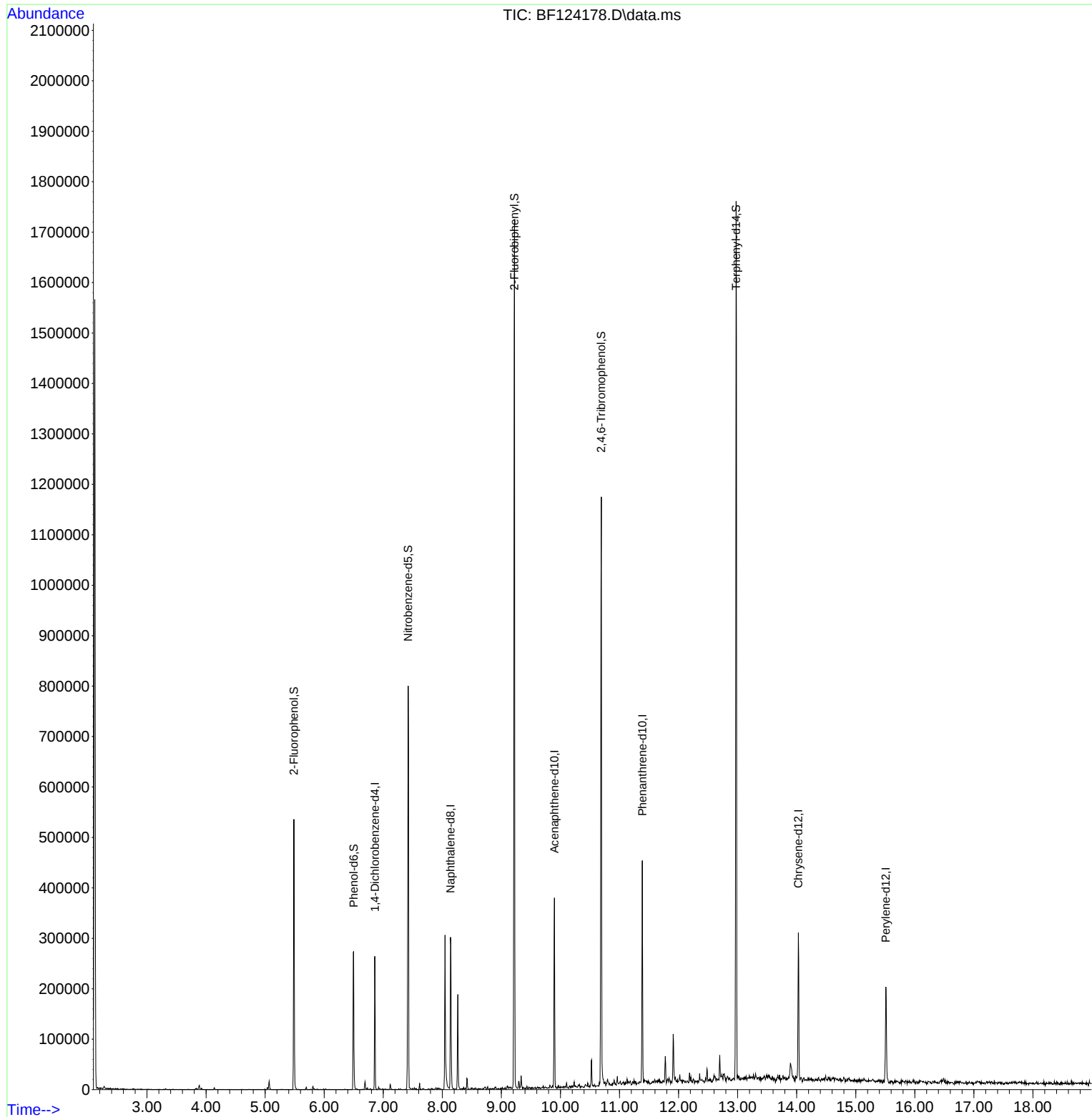
Target Compounds	Qvalue

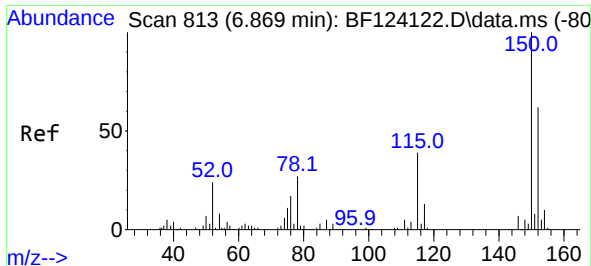
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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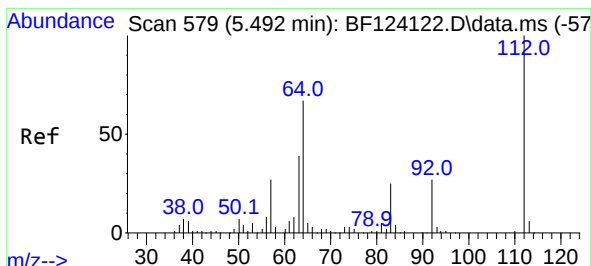
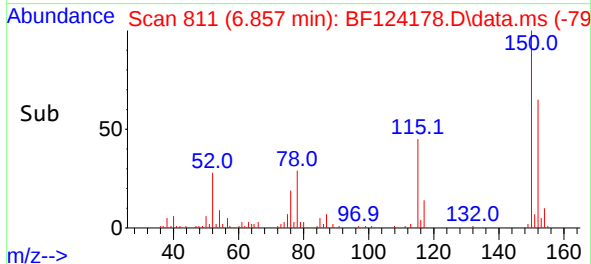
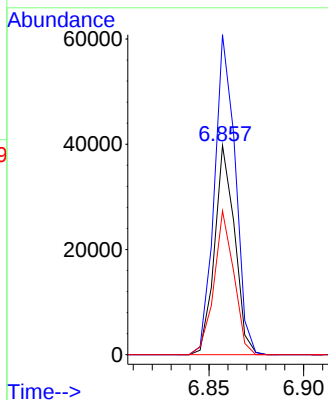
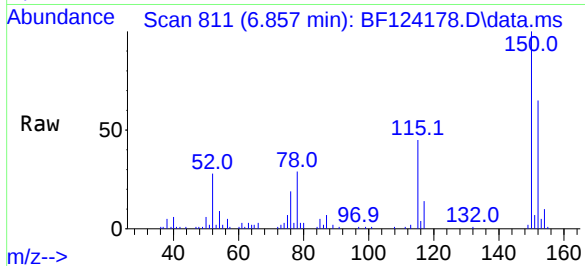




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

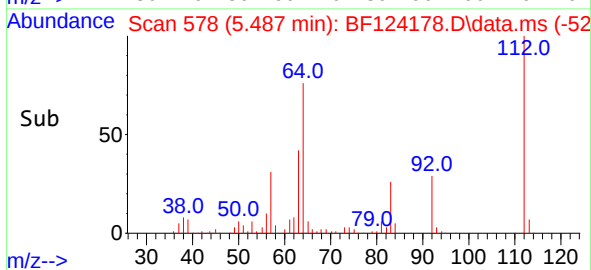
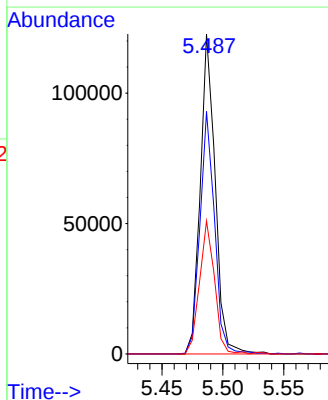
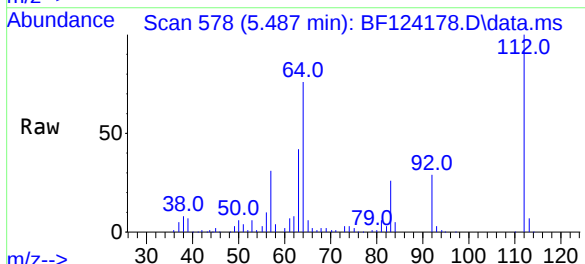
Instrument :
BNA_F
ClientSampleId :
1245

Tgt Ion:152 Resp: 29348
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.6
115 68.7 54.3 81.5



#5
2-Fluorophenol
Concen: 53.784 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:112 Resp: 104856
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 41.5 33.0 49.4

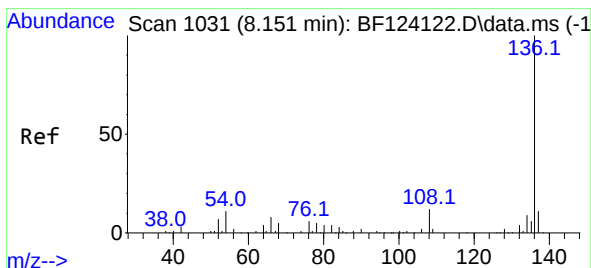
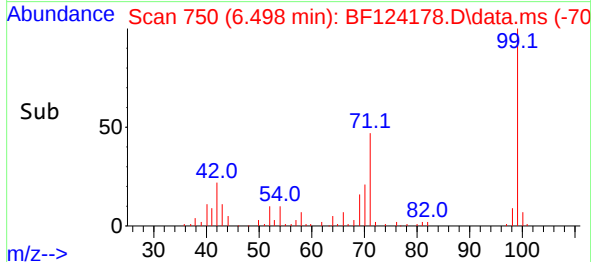
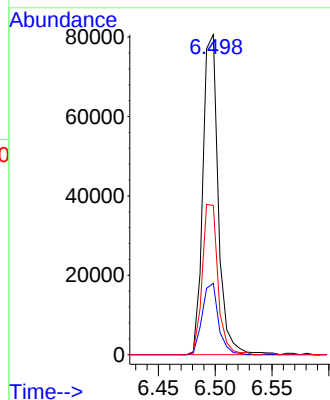
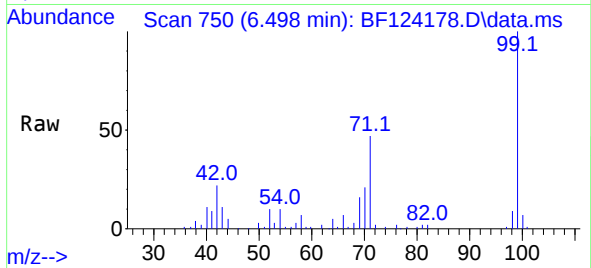




#7
Phenol-d6
Concen: 29.087 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

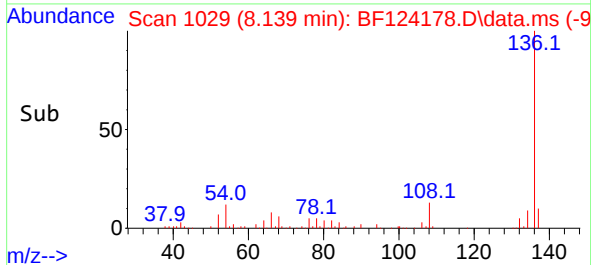
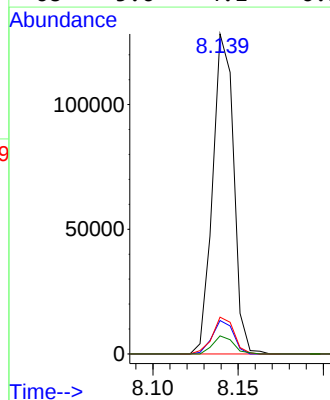
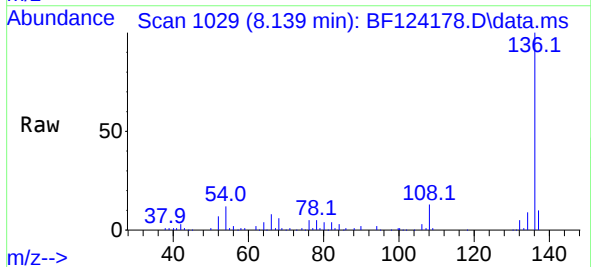
Instrument :
BNA_F
ClientSampleId :
1245

Tgt Ion: 99 Resp: 76224
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.8
71 46.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion: 136 Resp: 109899
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.5 9.8 14.6
68 5.6 4.1 6.1

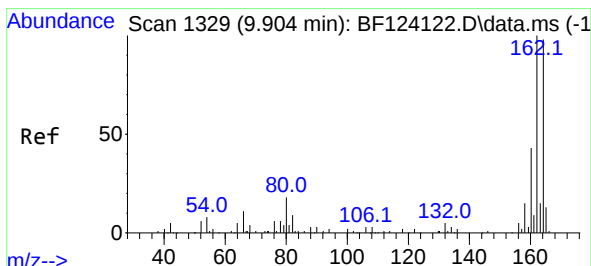
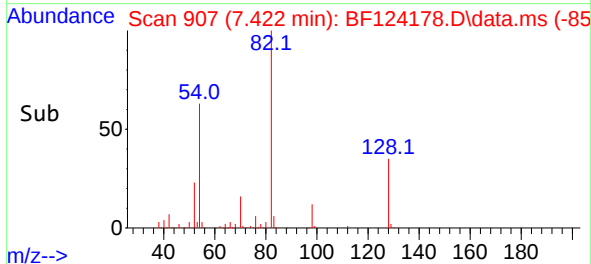
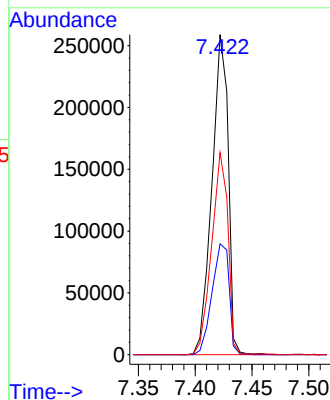
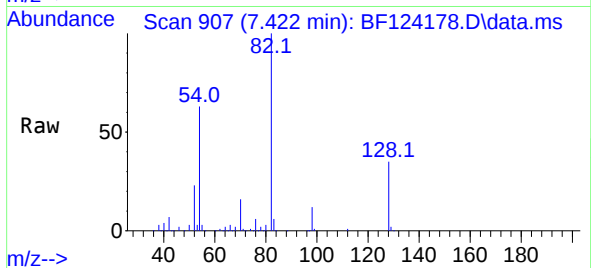




#23
Nitrobenzene-d5
Concen: 92.818 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

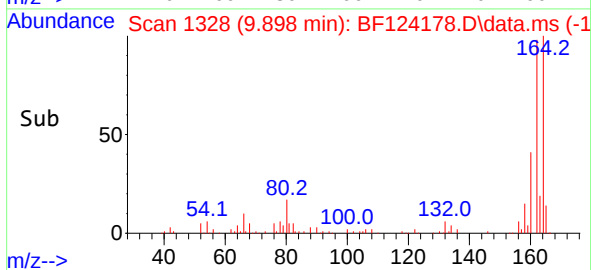
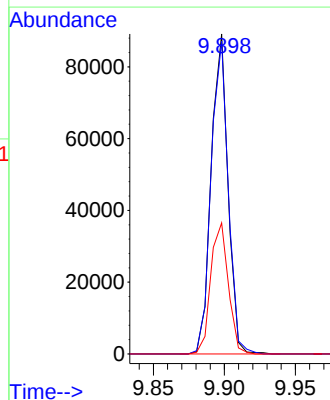
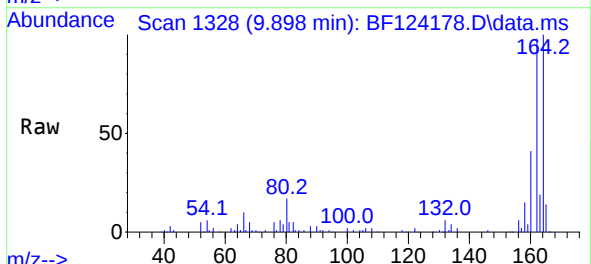
Instrument :
BNA_F
ClientSampleId :
1245

Tgt Ion: 82 Resp: 257193
Ion Ratio Lower Upper
82 100
128 34.7 29.4 44.2
54 63.2 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:164 Resp: 72896
Ion Ratio Lower Upper
164 100
162 97.8 80.7 121.1
160 41.0 37.3 55.9

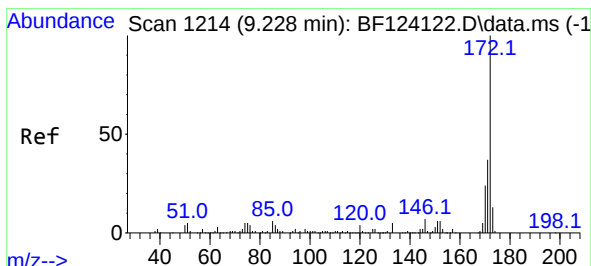
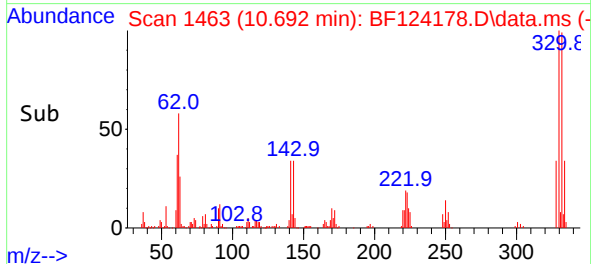
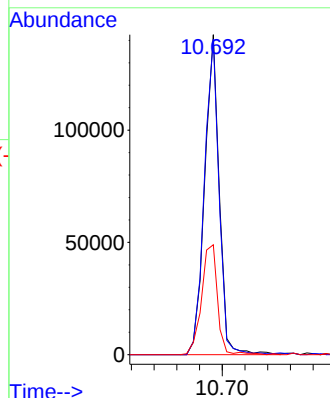
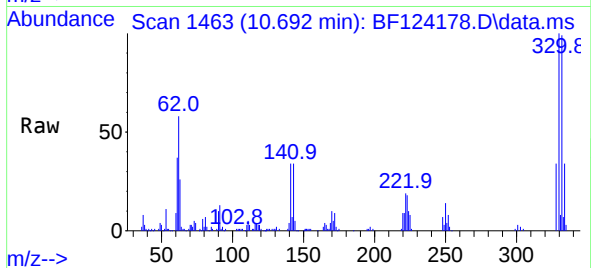




#42
2,4,6-Tribromophenol
Concen: 122.857 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

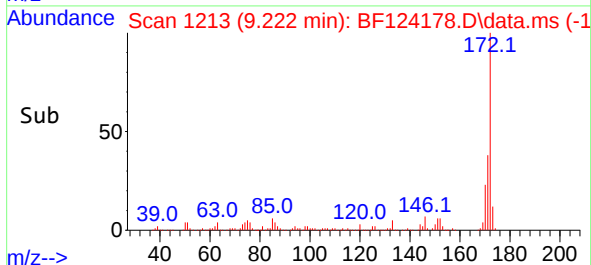
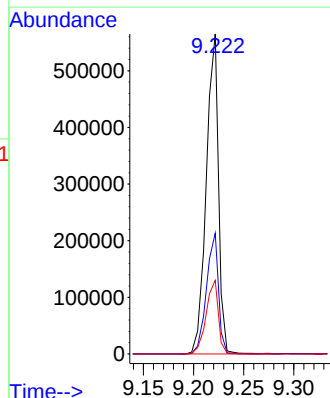
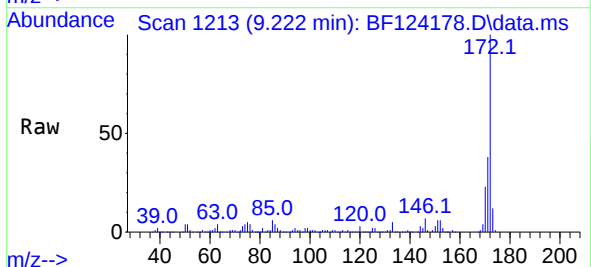
Instrument :
BNA_F
ClientSampleId :
1245

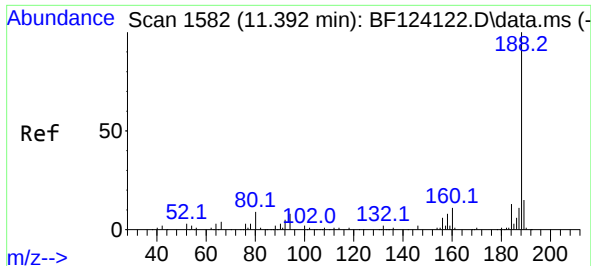
Tgt Ion:330 Resp: 126882
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 83.399 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:172 Resp: 483123
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 23.0 19.2 28.8

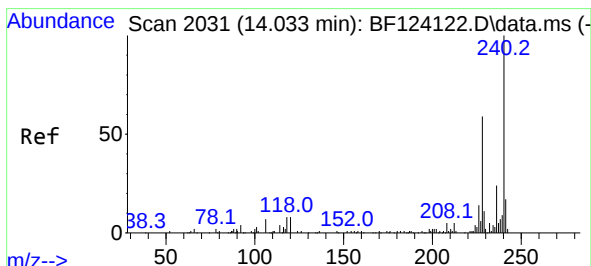
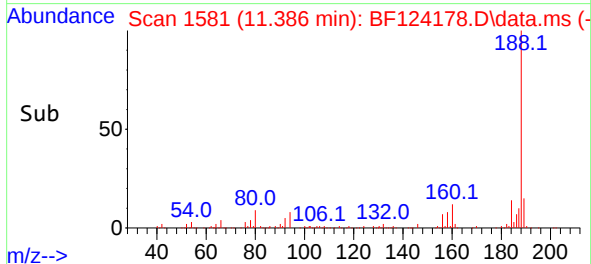
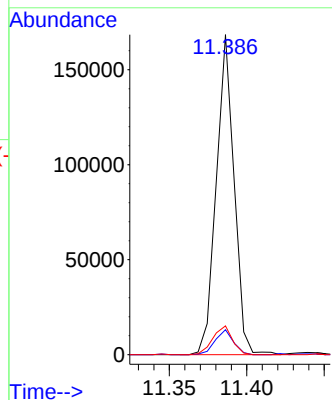
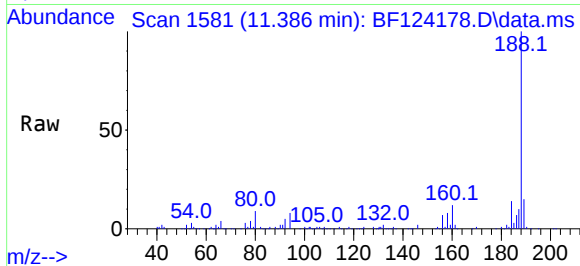




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

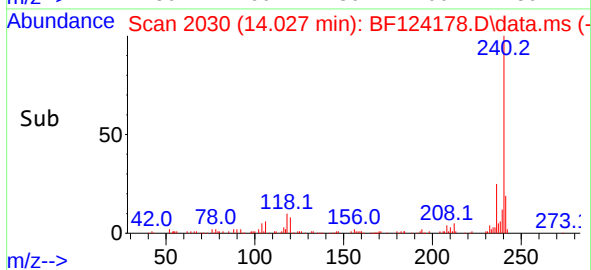
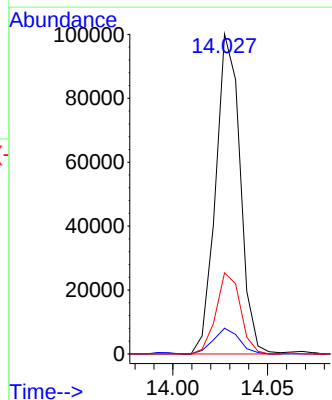
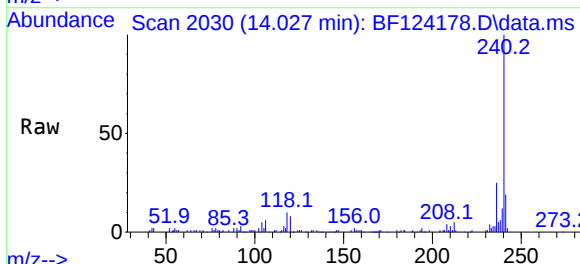
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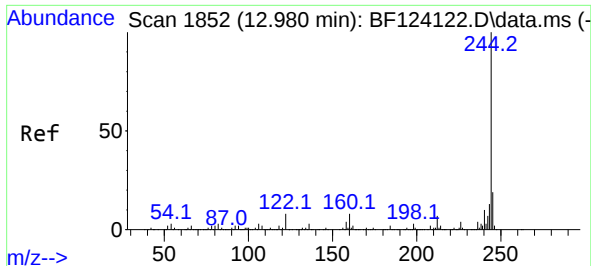
Tgt Ion:188 Resp: 134796
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:240 Resp: 89987
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 25.4 19.0 28.4

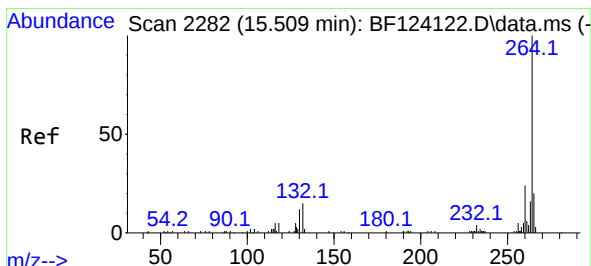
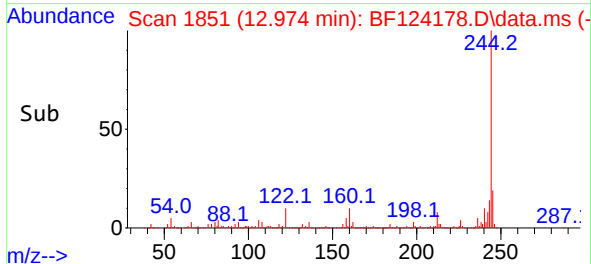
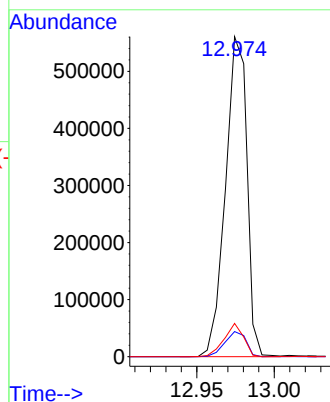
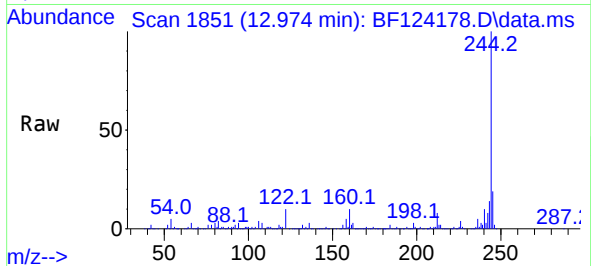




#79
Terphenyl-d14
Concen: 82.393 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Instrument :
BNA_F
ClientSampled :
1245

Tgt Ion:244 Resp: 540023
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 10.4 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:264 Resp: 77488
Ion Ratio Lower Upper
264 100
260 20.7 18.7 28.1
265 20.8 17.8 26.8

