

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124023.D
 Acq On : 21 May 2021 17:46
 Operator : JU/CG
 Sample : M2366-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-SPOILS-5-11-21-B

Quant Time: May 21 18:20:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	47151	20.00	ng	-0.01
21) Naphthalene-d8	8.169	136	187900	20.00	ng	-0.02
39) Acenaphthene-d10	9.927	164	109981	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	216575	20.00	ng	-0.01
76) Chrysene-d12	14.057	240	191054	20.00	ng	-0.01
86) Perylene-d12	15.545	264	158938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	373132	111.11	ng	0.00
7) Phenol-d6	6.516	99	410874	94.31	ng	0.00
23) Nitrobenzene-d5	7.451	82	400239	91.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	199020	150.66	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	733794	82.10	ng	-0.01
79) Terphenyl-d14	13.010	244	1059267	83.97	ng	0.00

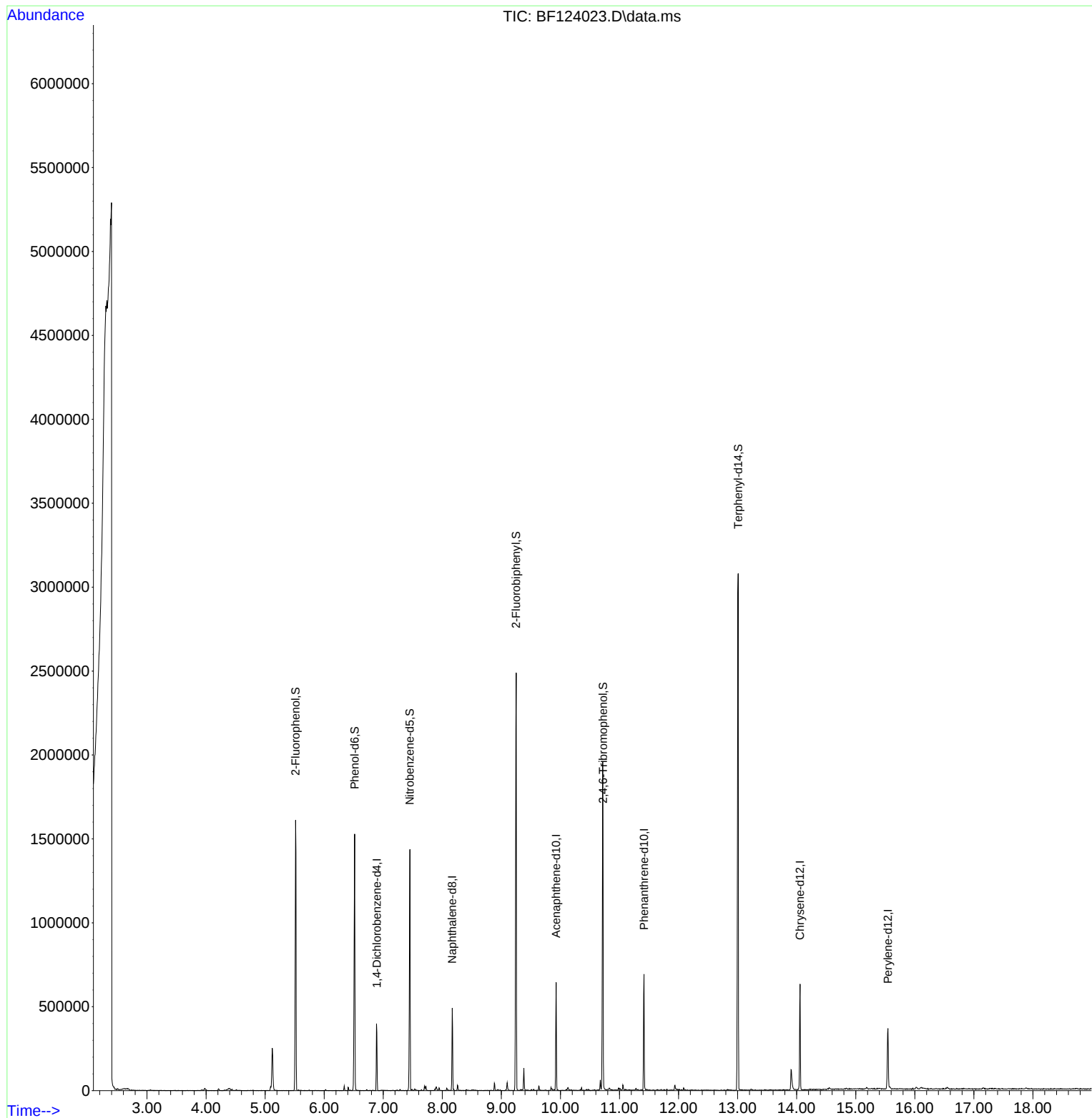
Target Compounds	Qvalue

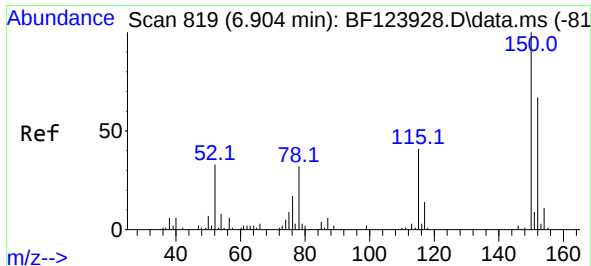
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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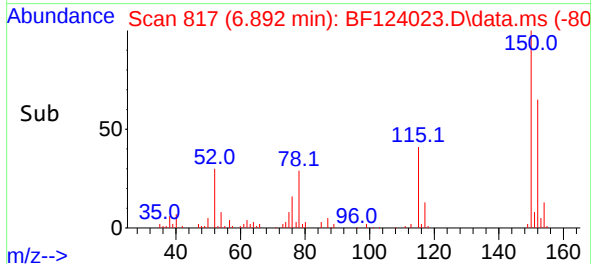
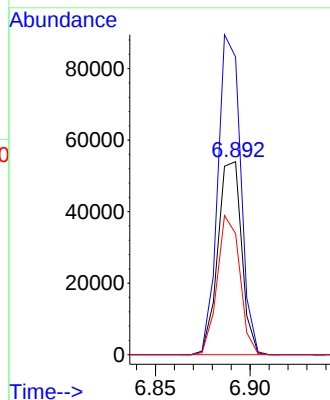
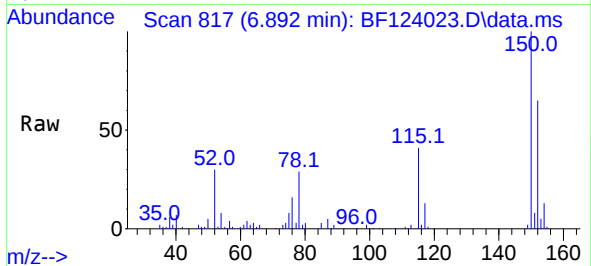




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

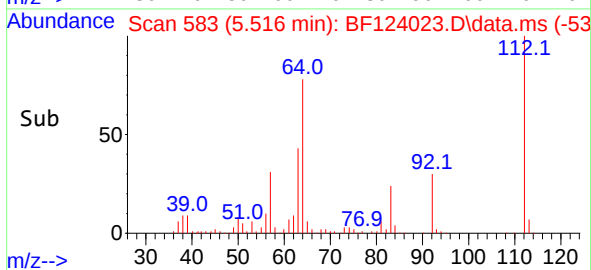
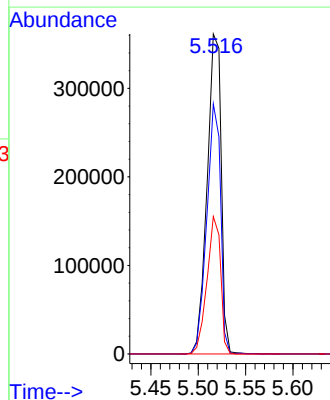
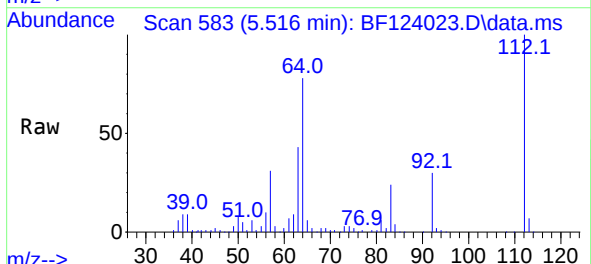
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-B

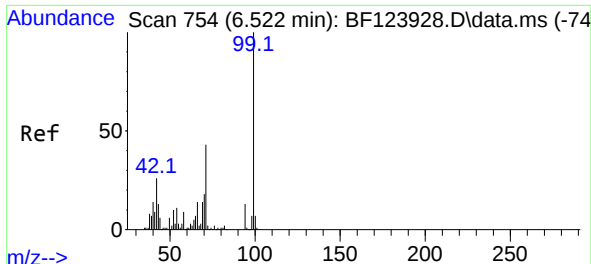
Tgt Ion:152 Resp: 47151
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 62.7 54.3 81.5



#5
2-Fluorophenol
Concen: 111.11 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

Tgt Ion:112 Resp: 373132
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 43.0 33.0 49.4

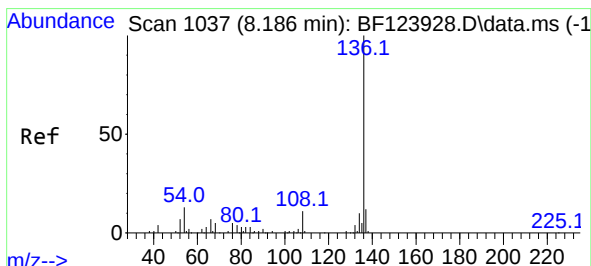
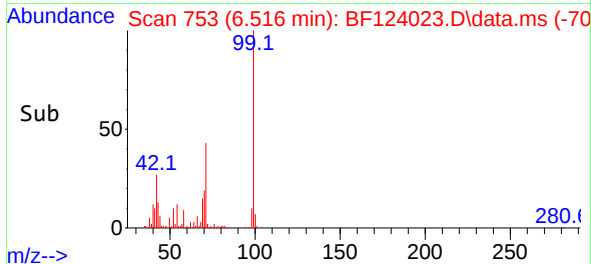
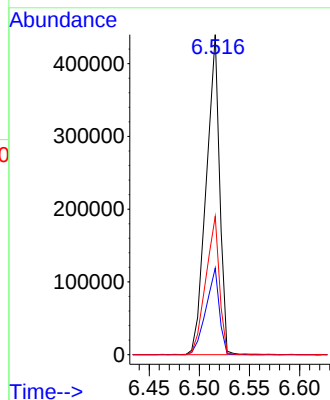
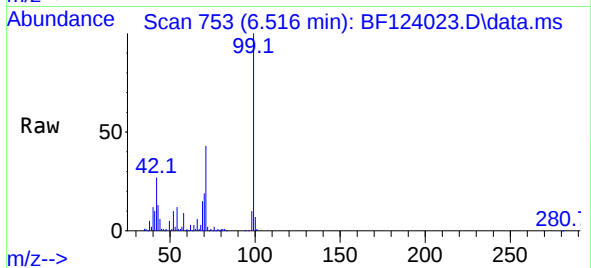




#7
Phenol-d6
Concen: 94.31 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

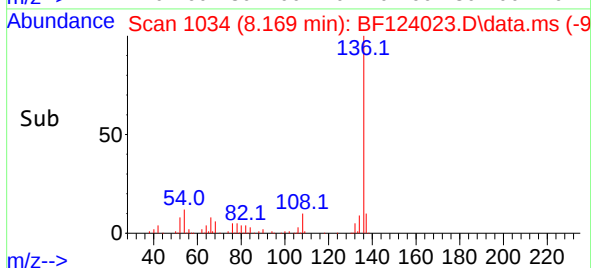
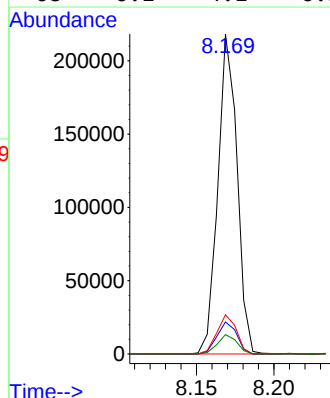
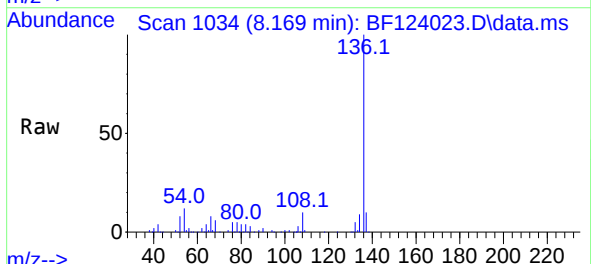
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-B

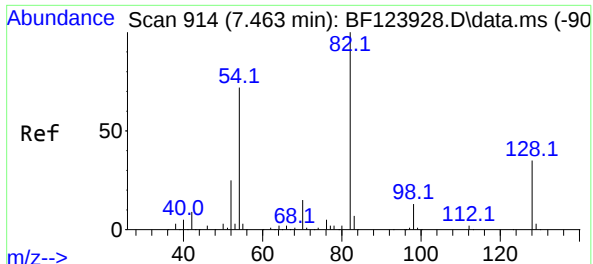
Tgt Ion: 99 Resp: 410874
Ion Ratio Lower Upper
99 100
42 27.1 19.8 29.8
71 43.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.017 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

Tgt Ion: 136 Resp: 187900
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 12.3 9.8 14.6
68 6.1 4.1 6.1

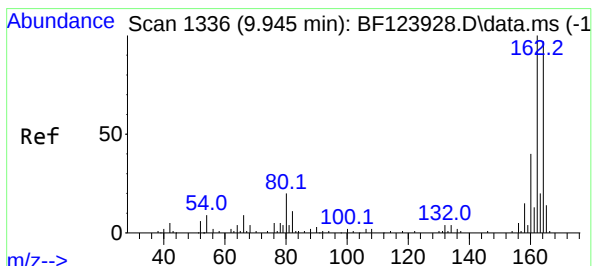
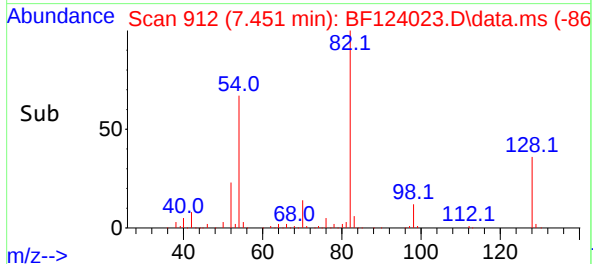
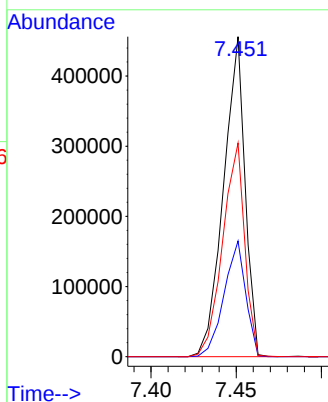
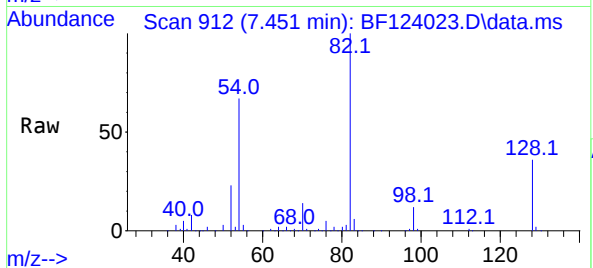




#23
Nitrobenzene-d5
Concen: 91.78 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

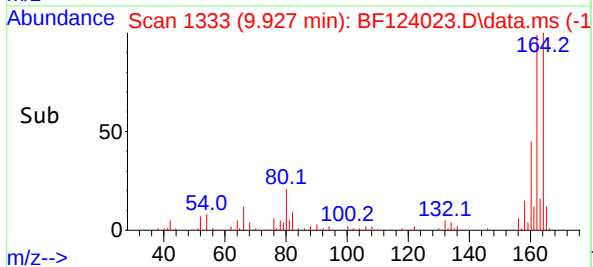
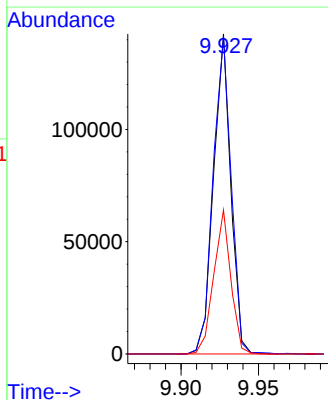
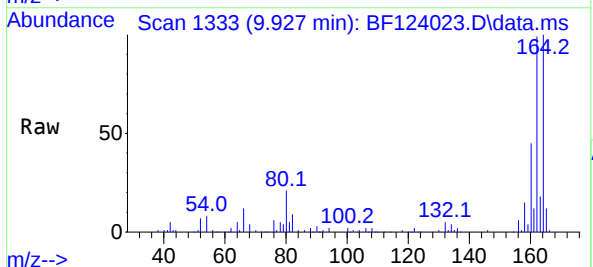
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-B

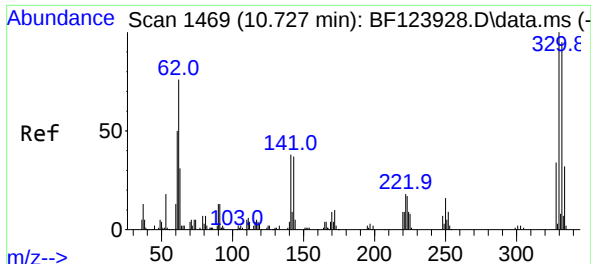
Tgt Ion: 82 Resp: 400239
Ion Ratio Lower Upper
82 100
128 36.2 29.4 44.2
54 66.8 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

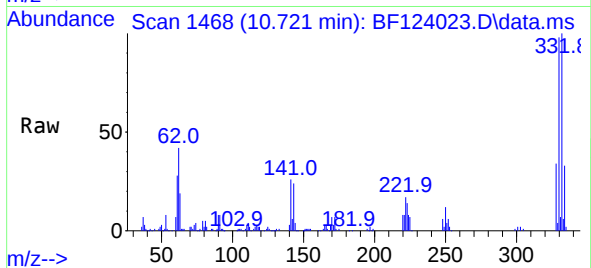
Tgt Ion:164 Resp: 109981
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 45.0 37.3 55.9



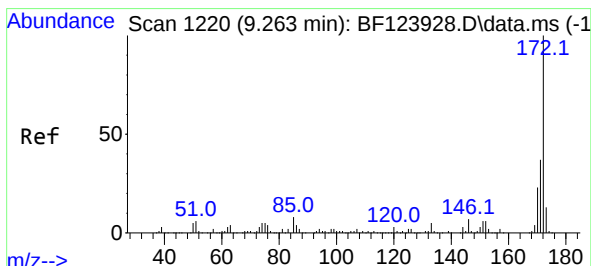
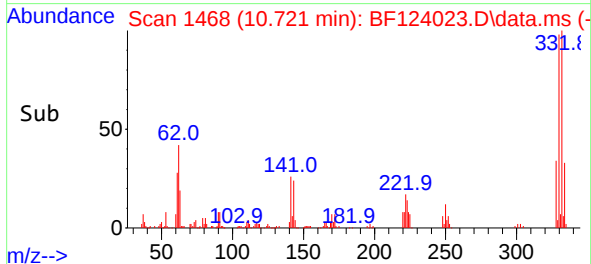
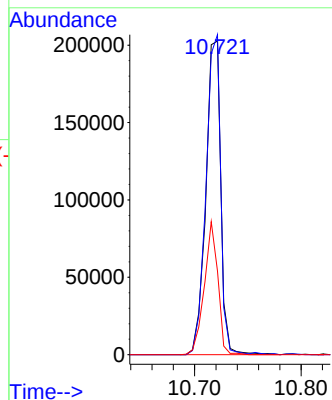


#42
2,4,6-Tribromophenol
Concen: 150.66 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

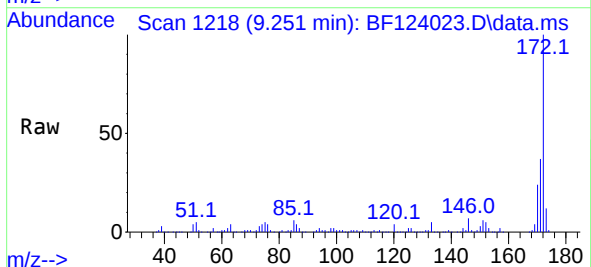
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-B



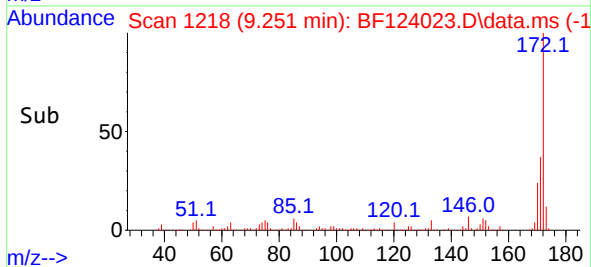
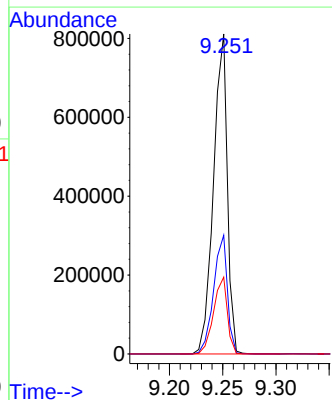
Tgt Ion:330 Resp: 199020
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 38.4 27.9 41.9

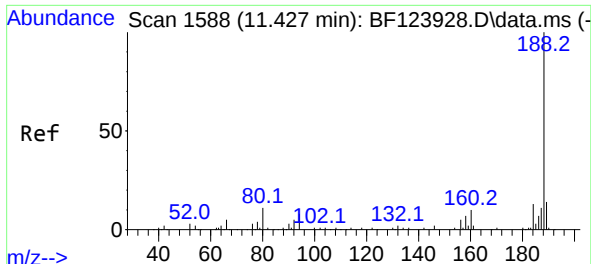


#45
2-Fluorobiphenyl
Concen: 82.10 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46



Tgt Ion:172 Resp: 733794
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 24.0 19.2 28.8

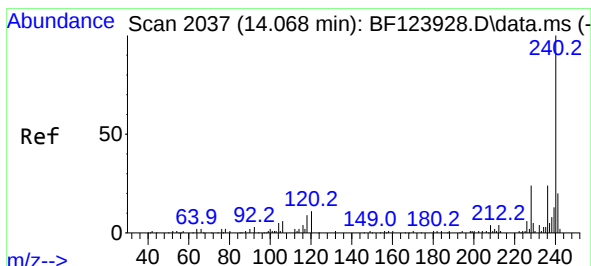
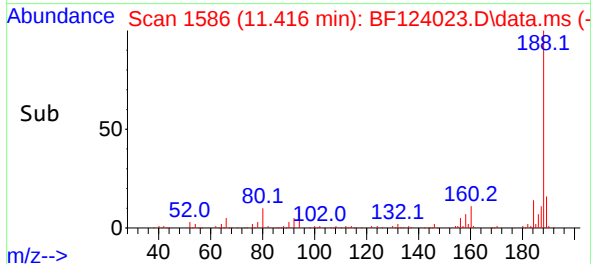
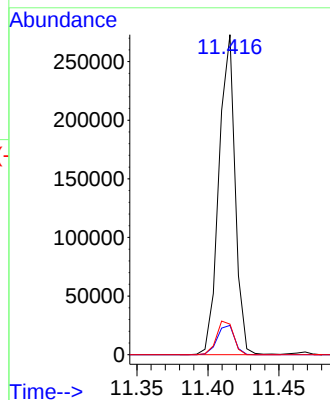
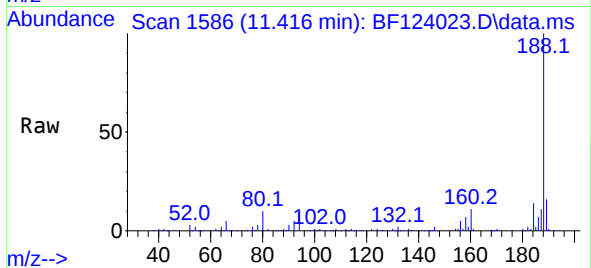




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

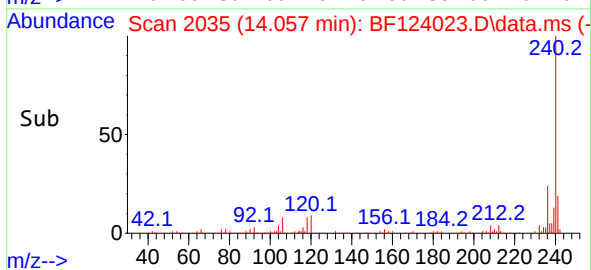
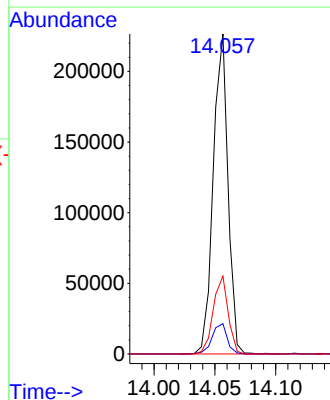
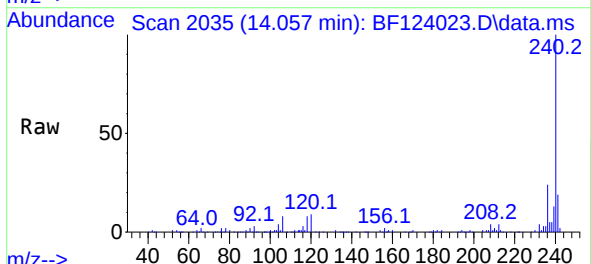
Instrument :
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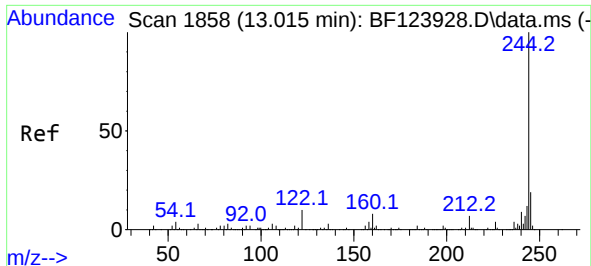
Tgt Ion:188 Resp: 216575
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 9.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

Tgt Ion:240 Resp: 191054
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 24.3 19.0 28.4

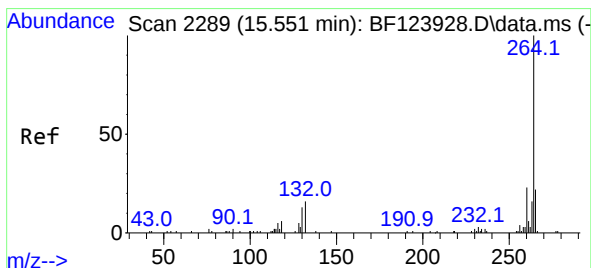
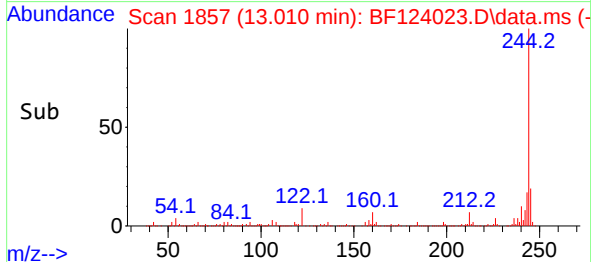
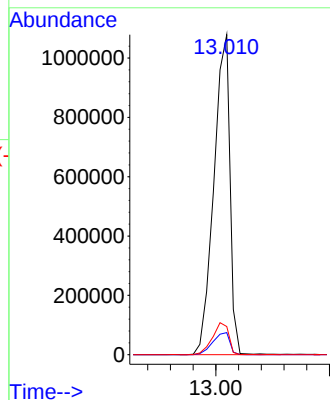
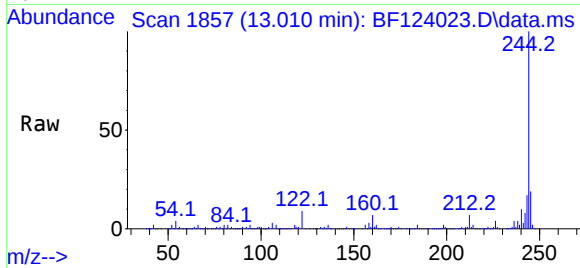




#79
Terphenyl-d14
Concen: 83.97 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124023.D
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Instrument :
BNA_F
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Tgt Ion:244 Resp: 1059267
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.8 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF124023.D
Acq: 21 May 2021 17:46

Tgt Ion:264 Resp: 158938
Ion Ratio Lower Upper
264 100
260 19.5 18.7 28.1
265 20.3 17.8 26.8

