

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124020.D
 Acq On : 21 May 2021 16:08
 Operator : JU/CG
 Sample : M2366-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 21 16:31:53 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	6.887	152	51755	20.00	ng	-0.02
21) Naphthalene-d8	8.169	136	209117	20.00	ng	#-0.02
39) Acenaphthene-d10	9.928	164	128284	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	251886	20.00	ng	-0.01
76) Chrysene-d12	14.057	240	228058	20.00	ng	-0.01
86) Perylene-d12	15.545	264	204450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	392102	106.37	ng	0.01
7) Phenol-d6	6.516	99	462726	96.77	ng	0.00
23) Nitrobenzene-d5	7.451	82	399690	82.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	198466	128.81	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	738674	70.86	ng	-0.01
79) Terphenyl-d14	13.010	244	1070405	71.09	ng	0.00

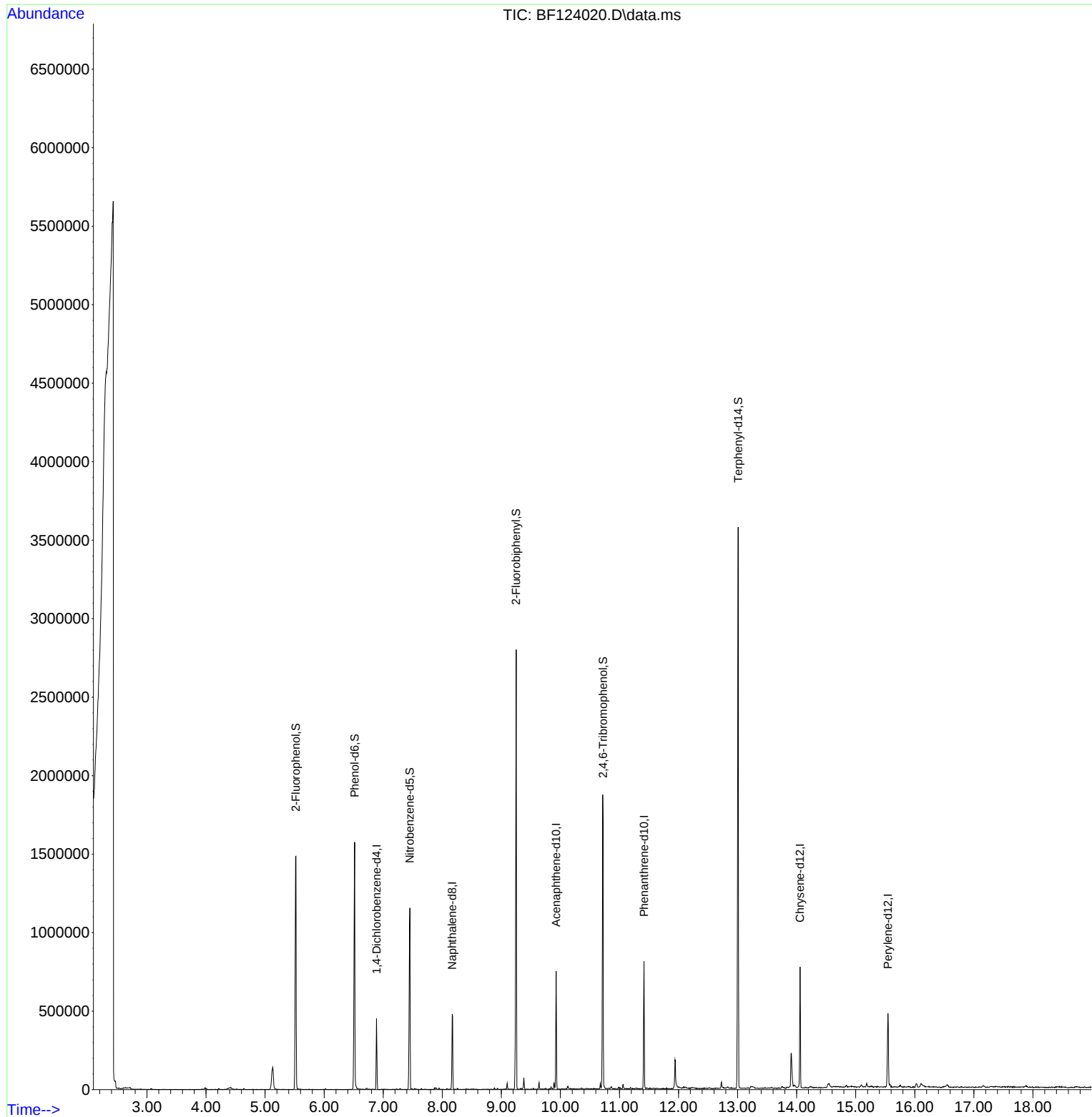
Target Compounds	Qvalue
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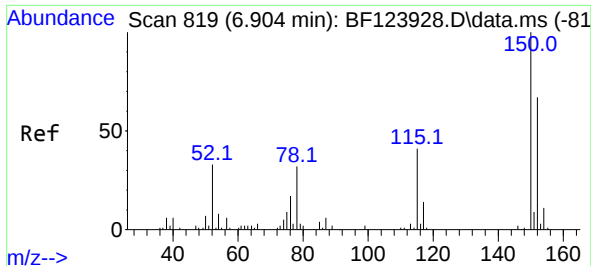
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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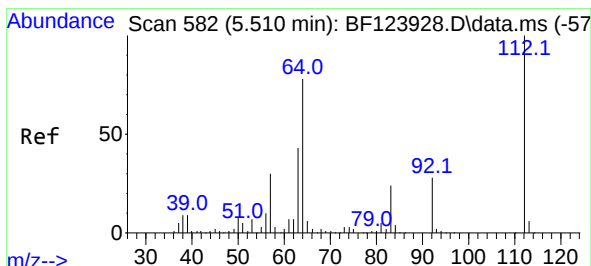
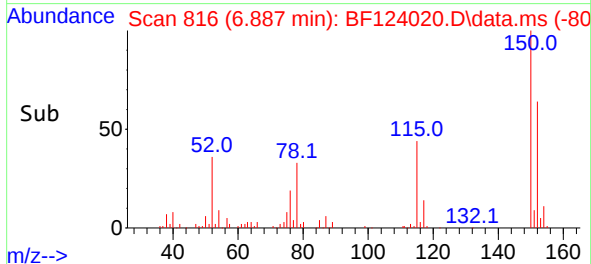
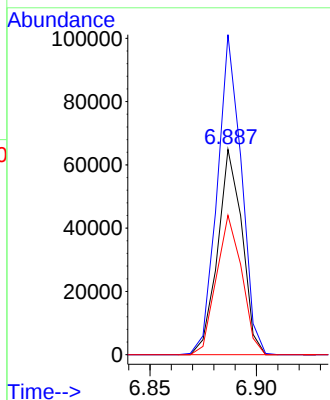
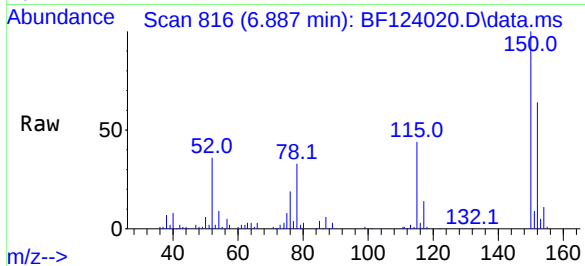




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

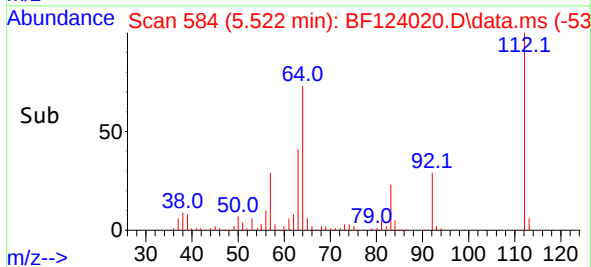
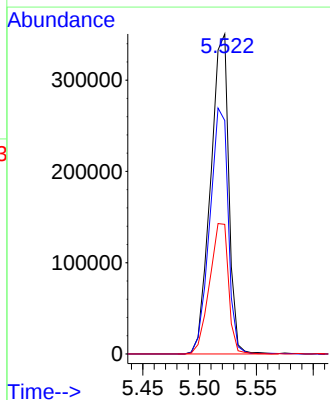
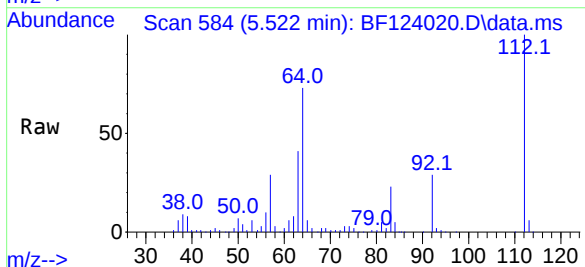
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-A

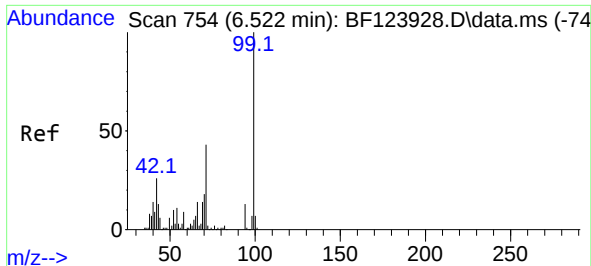
Tgt Ion:152 Resp: 51755
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 106.37 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

Tgt Ion:112 Resp: 392102
Ion Ratio Lower Upper
112 100
64 73.0 61.4 92.0
63 40.5 33.0 49.4

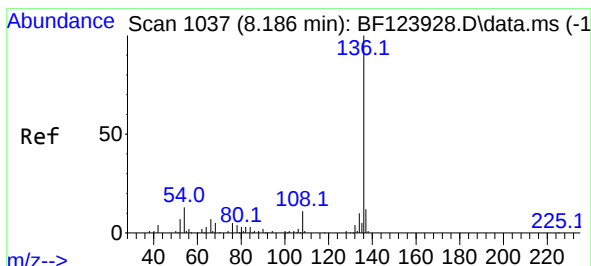
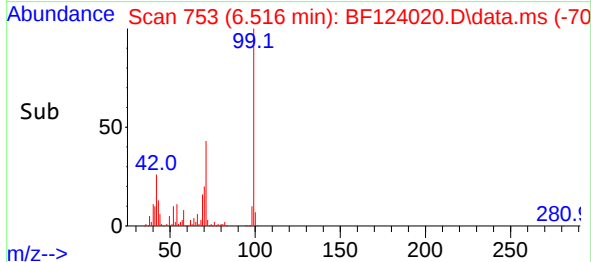
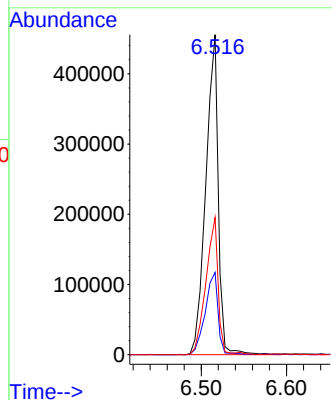
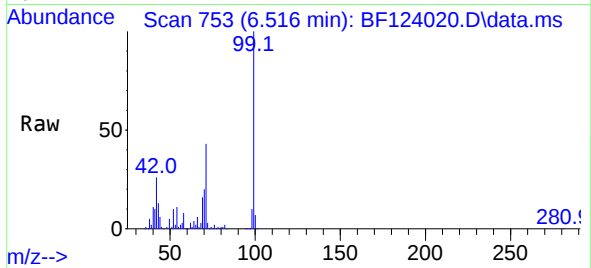




#7
Phenol-d6
Concen: 96.77 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

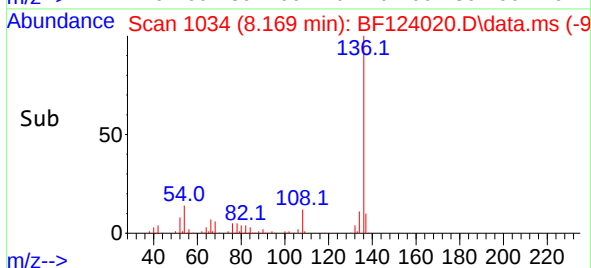
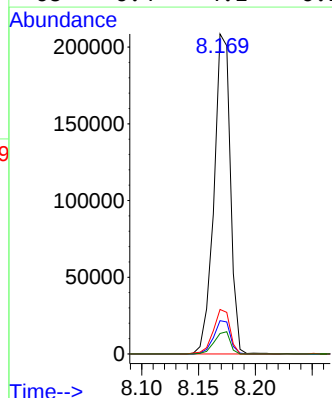
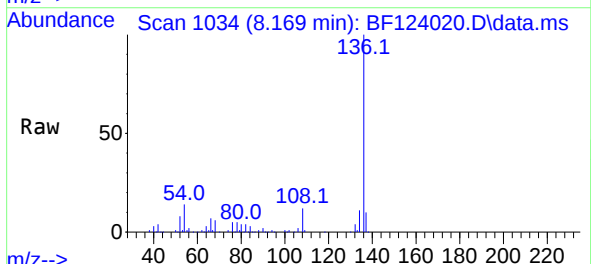
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-A

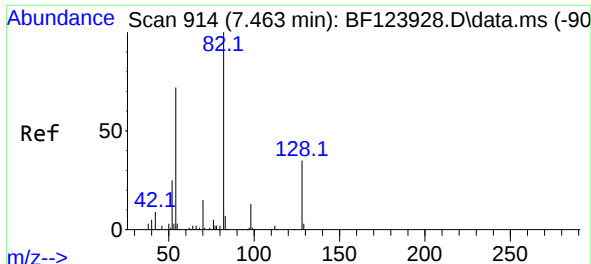
Tgt Ion: 99 Resp: 462726
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 42.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.017 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

Tgt Ion: 136 Resp: 209117
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 13.9 9.8 14.6
68 6.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 82.35 ng

RT: 7.451 min Scan# 912

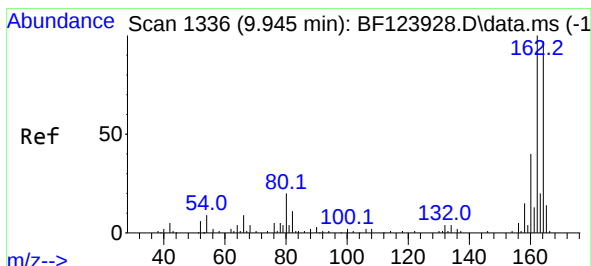
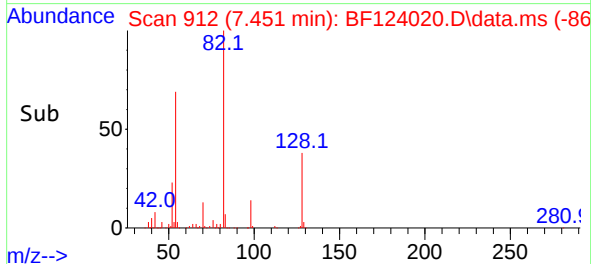
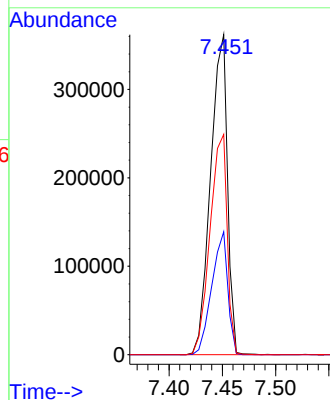
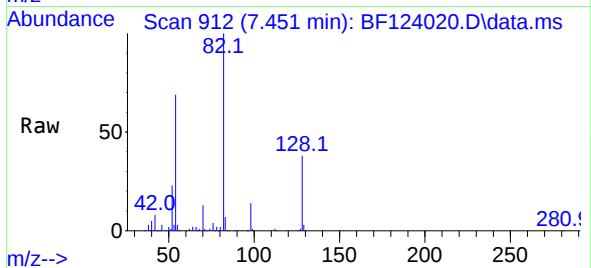
Delta R.T. -0.012 min

Lab File: BF124020.D

Acq: 21 May 2021 16:08

Tgt Ion: 82 Resp: 399690

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.4	44.2
54	68.8	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.928 min Scan# 1333

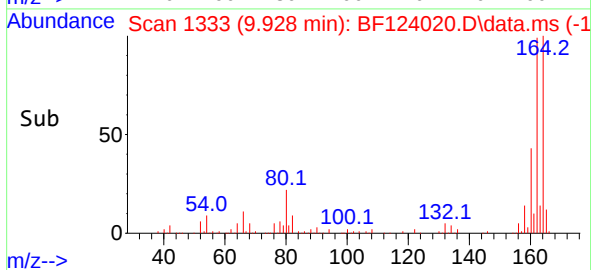
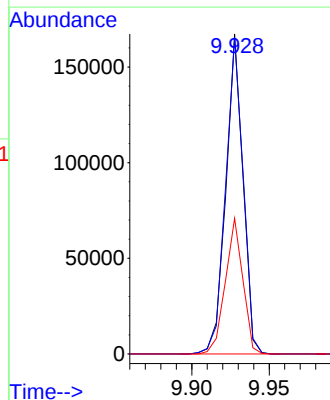
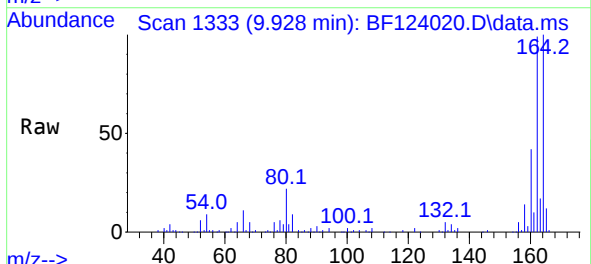
Delta R.T. -0.017 min

Lab File: BF124020.D

Acq: 21 May 2021 16:08

Tgt Ion: 164 Resp: 128284

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.7	121.1
160	42.4	37.3	55.9

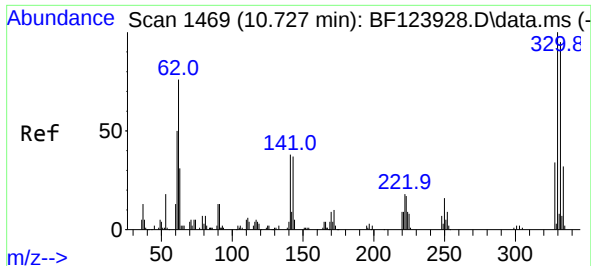


Instrument :

BNA_F

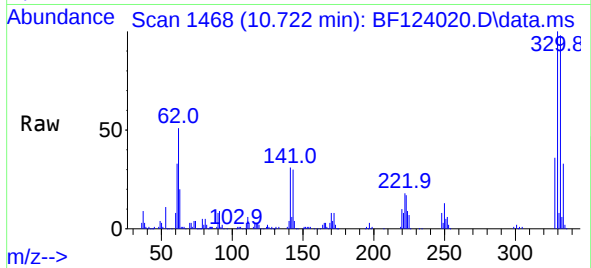
ClientSampleId :

JG-SPOILS-5-11-21-A

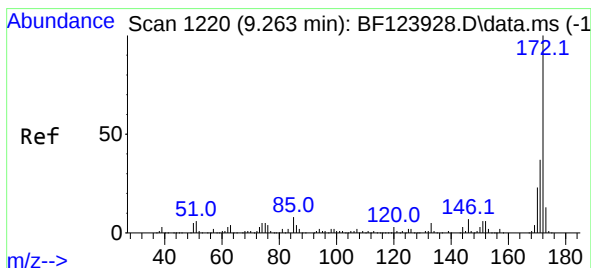
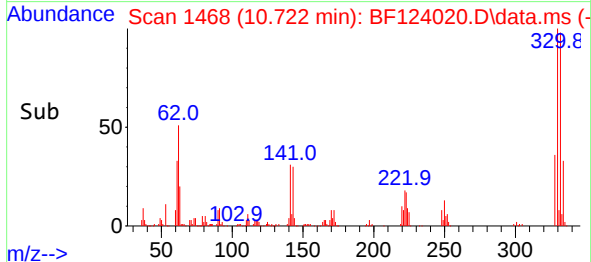
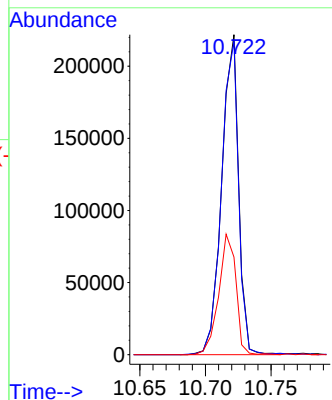


#42
2,4,6-Tribromophenol
Concen: 128.81 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

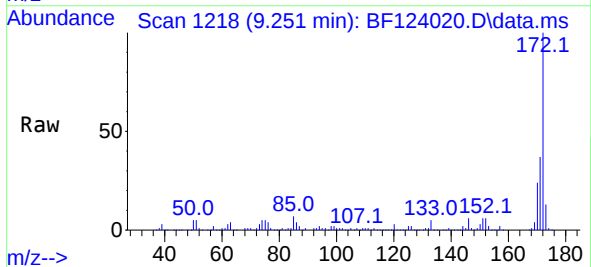
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-A



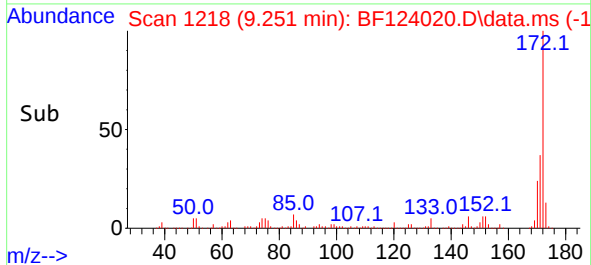
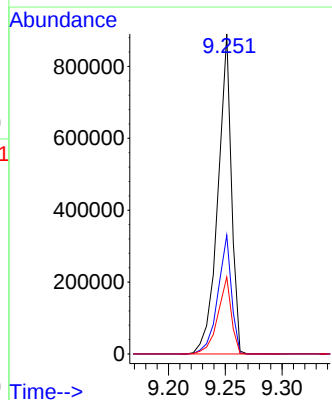
Tgt Ion:330 Resp: 198466
Ion Ratio Lower Upper
330 100
332 98.8 77.1 115.7
141 38.4 27.9 41.9

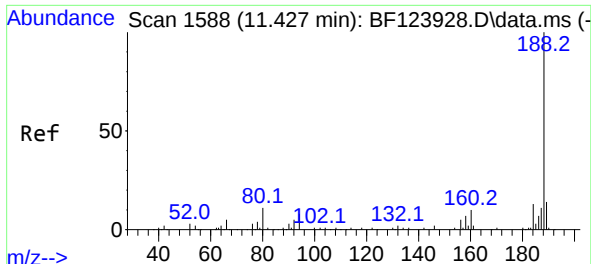


#45
2-Fluorobiphenyl
Concen: 70.86 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08



Tgt Ion:172 Resp: 738674
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 24.1 19.2 28.8

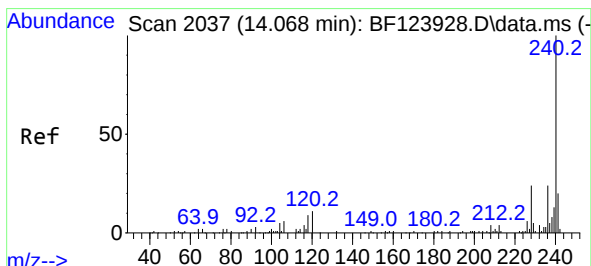
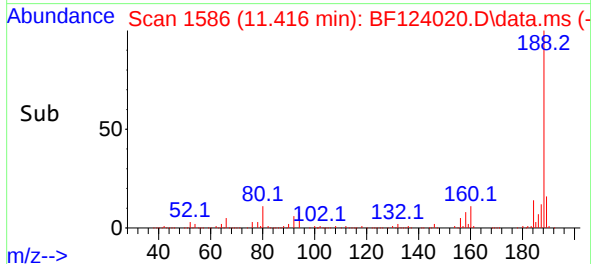
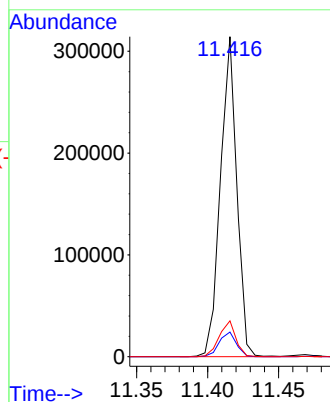
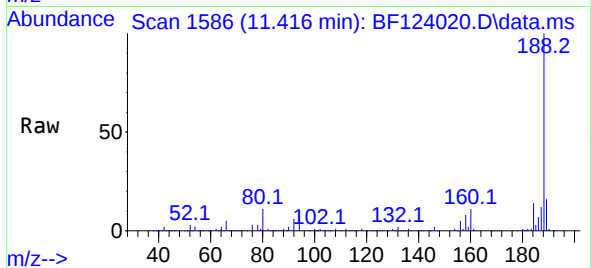




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

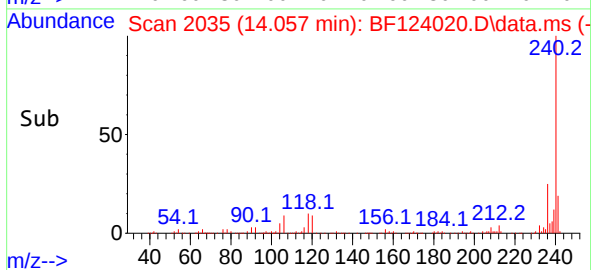
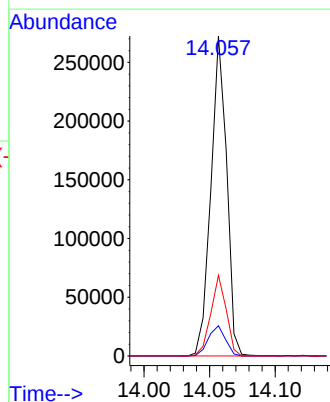
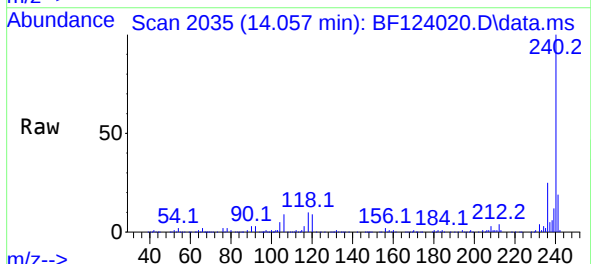
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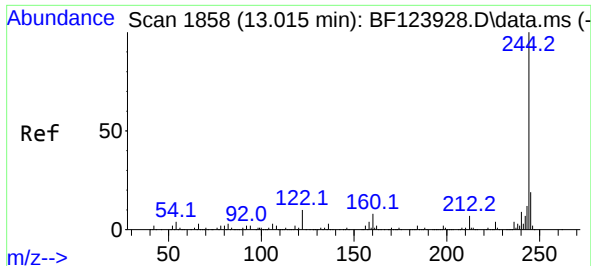
Tgt Ion:188 Resp: 251886
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 11.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

Tgt Ion:240 Resp: 228058
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 25.2 19.0 28.4

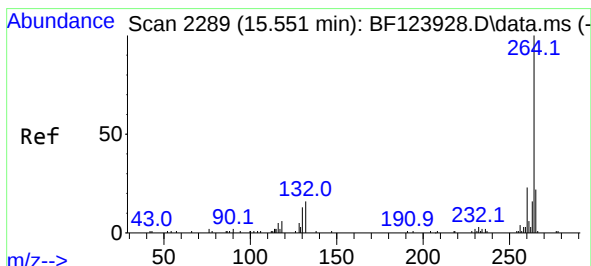
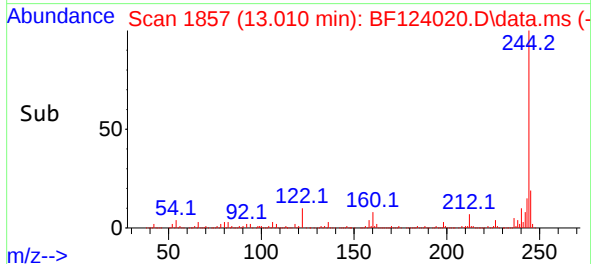
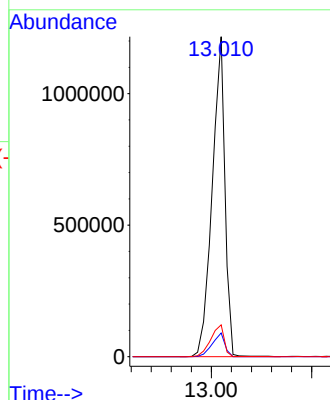
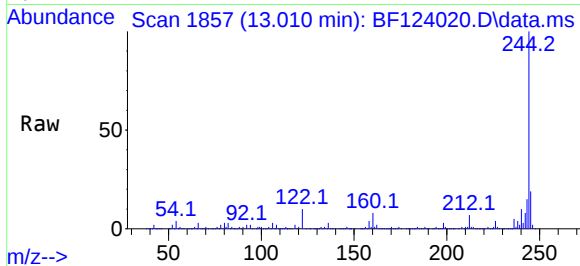




#79
Terphenyl-d14
Concen: 71.09 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124020.D
Acq: 21 May 2021 16:08

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

Tgt Ion:244 Resp: 1070405
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.9 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: BF124020.D
Acq: 21 May 2021 16:08

Tgt Ion:264 Resp: 204450
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 20.8 17.8 26.8

