

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124042.D
 Acq On : 24 May 2021 17:42
 Operator : JU/CG
 Sample : M2486-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052121

Quant Time: May 24 18:06:31 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

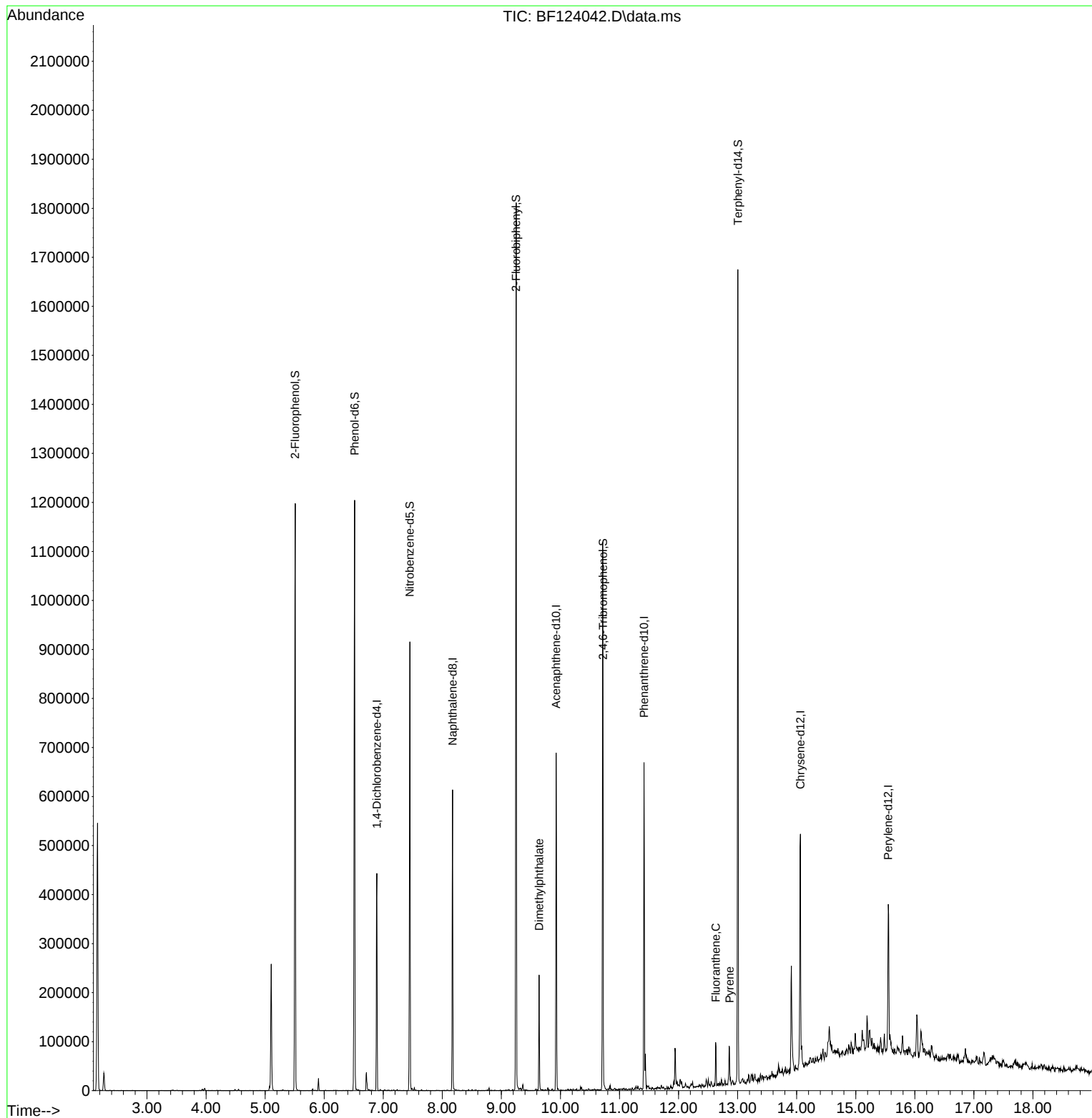
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54095	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	212689	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	122939	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	209115	20.00	ng	-0.01
76) Chrysene-d12	14.062	240	150312	20.00	ng	0.00
86) Perylene-d12	15.551	264	122536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	254026	65.93	ng	0.00
7) Phenol-d6	6.516	99	320896	64.21	ng	0.00
23) Nitrobenzene-d5	7.451	82	237198	48.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	107924	73.09	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	464457	46.49	ng	-0.01
79) Terphenyl-d14	13.004	244	438968	44.23	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.639	163	69941	7.12	ng	99
75) Fluoranthene	12.633	202	31259	2.28	ng	96
78) Pyrene	12.863	202	31403	2.35	ng	98

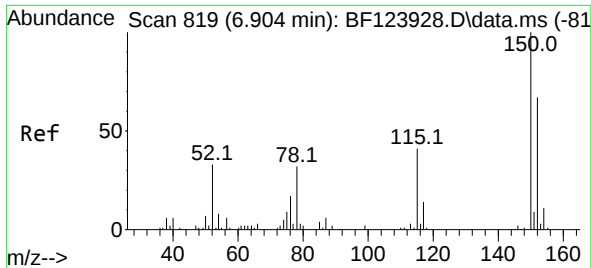
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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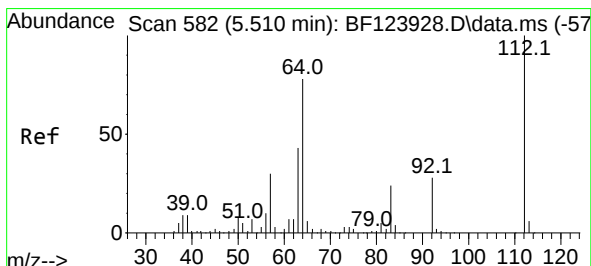
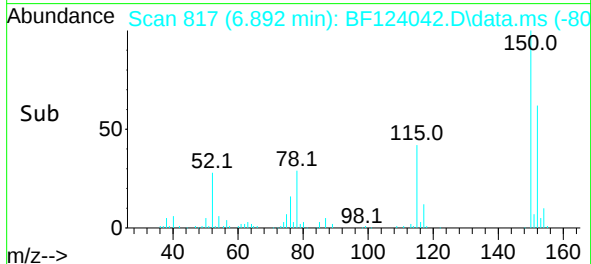
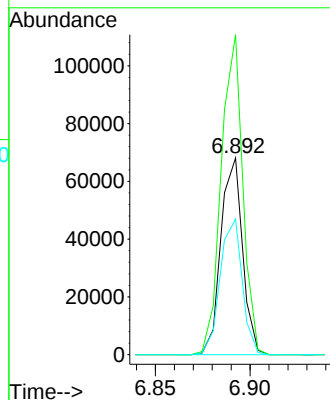
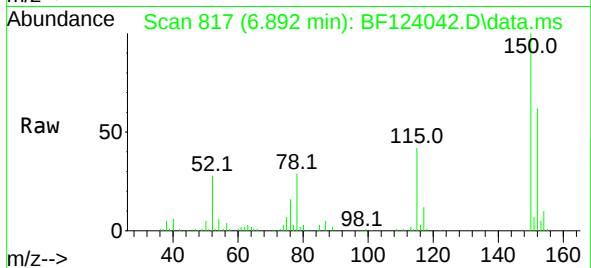




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

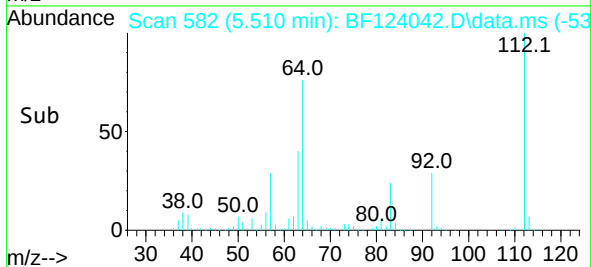
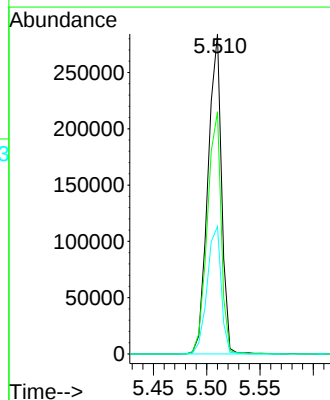
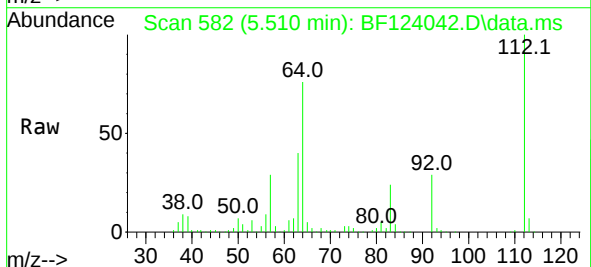
Instrument :
BNA_F
ClientSampleId :
OR-03-052121

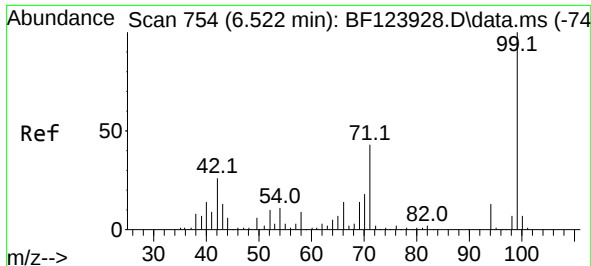
Tgt Ion:152 Resp: 54095
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 68.9 54.3 81.5



#5
2-Fluorophenol
Concen: 65.93 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:112 Resp: 254026
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 39.8 33.0 49.4

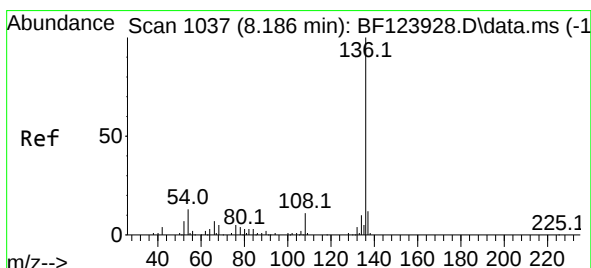
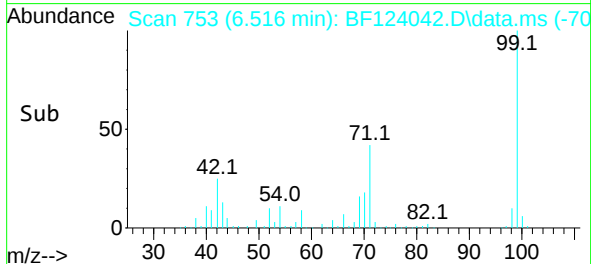
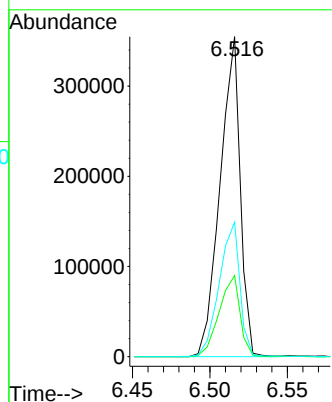
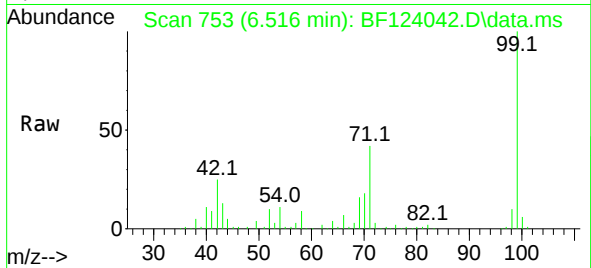




#7
Phenol-d6
Concen: 64.21 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

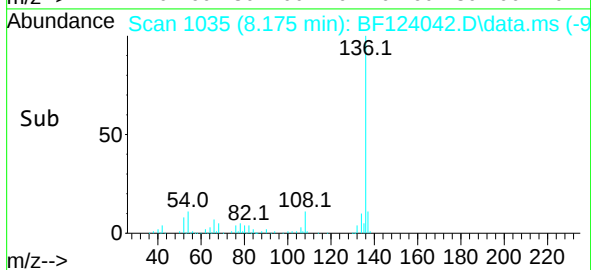
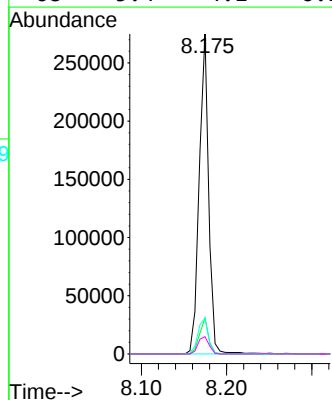
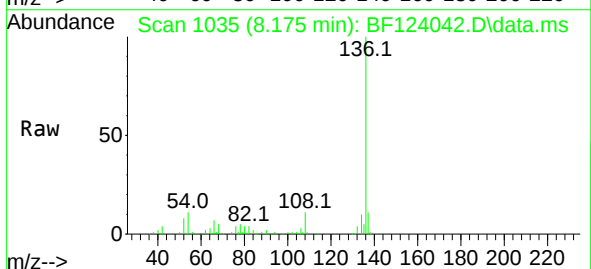
Instrument :
BNA_F
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OR-03-052121

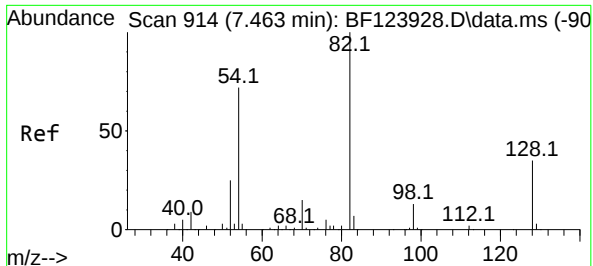
Tgt Ion: 99 Resp: 320896
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.8
71 42.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion: 136 Resp: 212689
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.2 9.8 14.6
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.05 ng

RT: 7.451 min Scan# 912

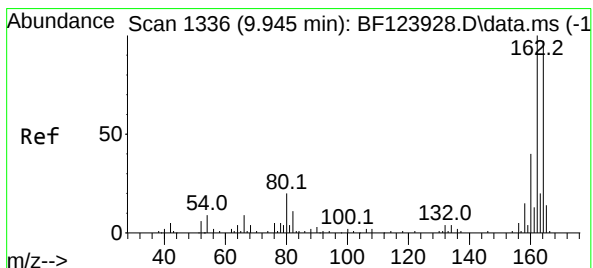
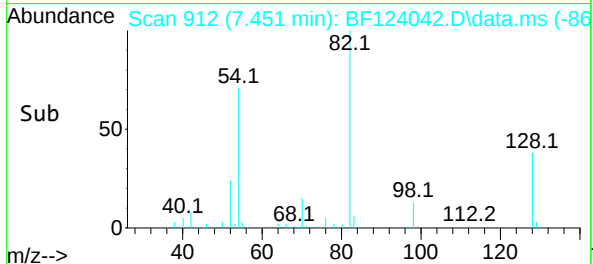
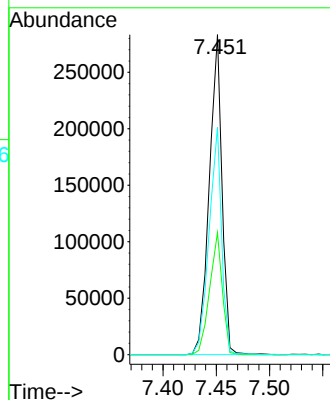
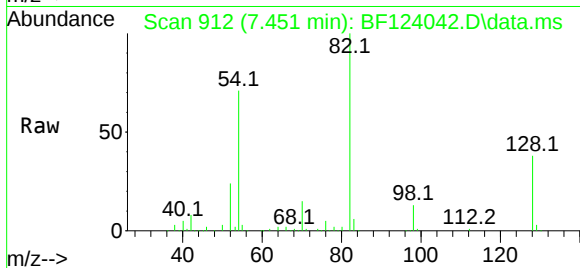
Delta R.T. -0.012 min

Lab File: BF124042.D

Acq: 24 May 2021 17:42

Tgt Ion: 82 Resp: 237198

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	71.2	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.927 min Scan# 1333

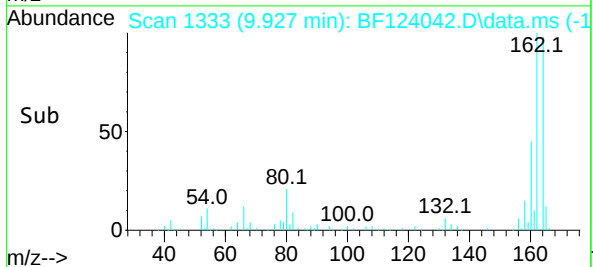
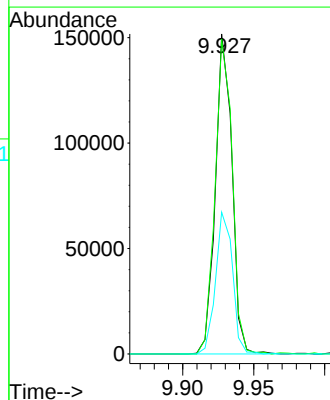
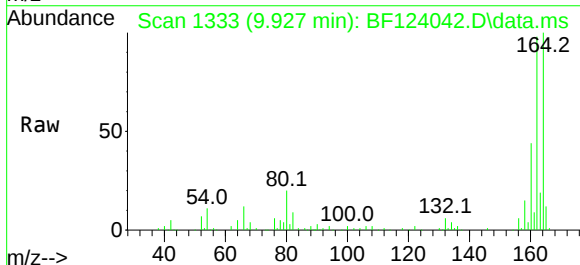
Delta R.T. -0.018 min

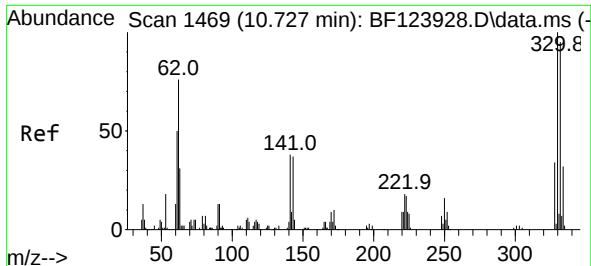
Lab File: BF124042.D

Acq: 24 May 2021 17:42

Tgt Ion: 164 Resp: 122939

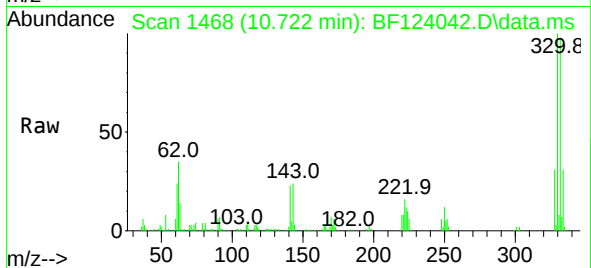
Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.7	121.1
160	44.3	37.3	55.9



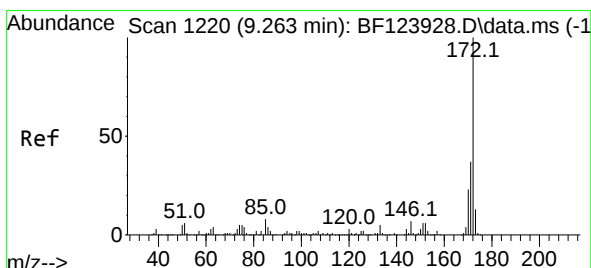
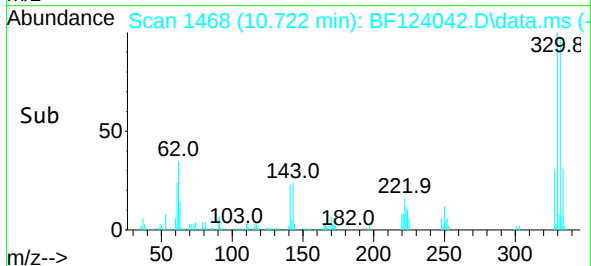
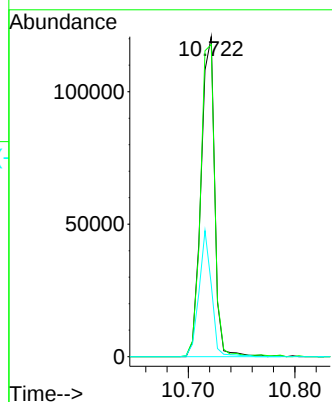


#42
2,4,6-Tribromophenol
Concen: 73.09 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

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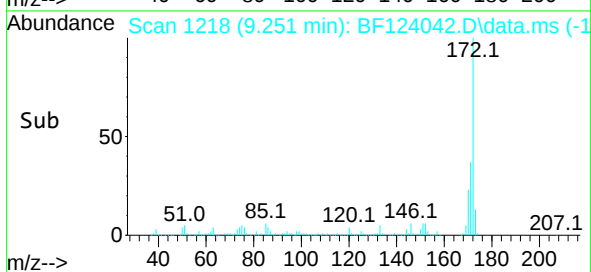
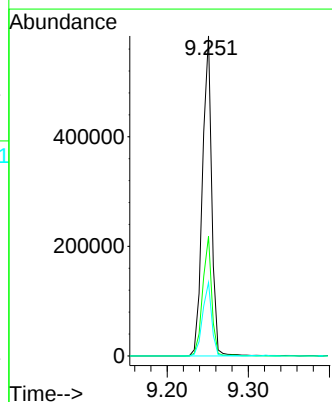
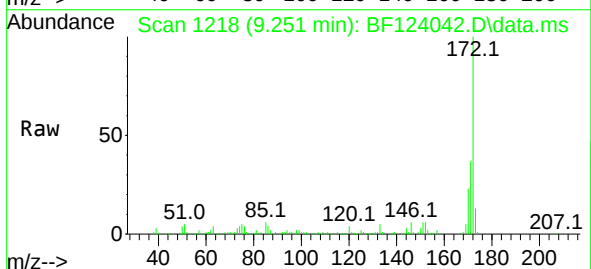


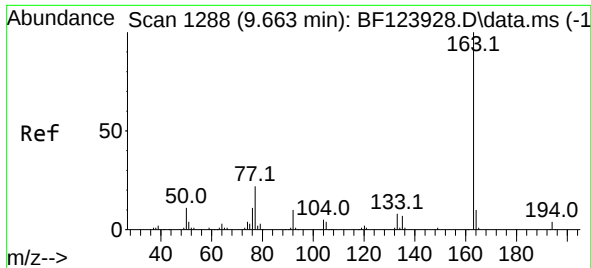
Tgt Ion: 330 Resp: 107924
Ion Ratio Lower Upper
330 100
332 100.4 77.1 115.7
141 36.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 46.49 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion: 172 Resp: 464457
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.0 19.2 28.8

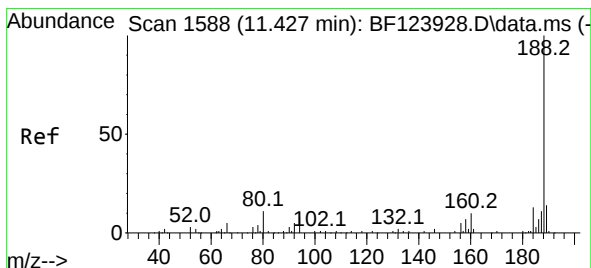
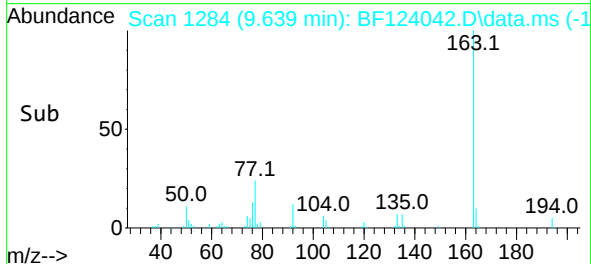
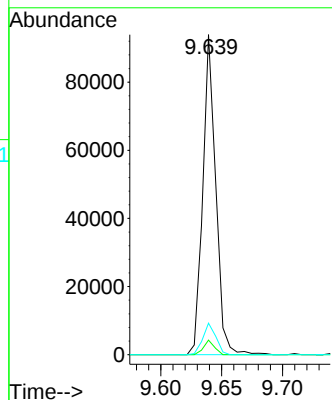
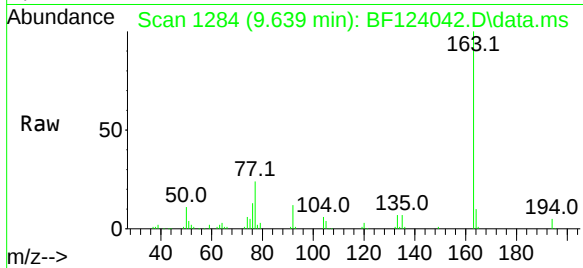




#50
Dimethylphthalate
Concen: 7.12 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

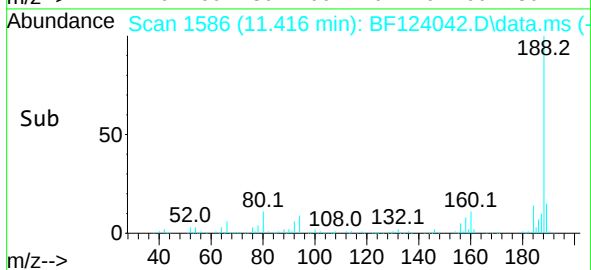
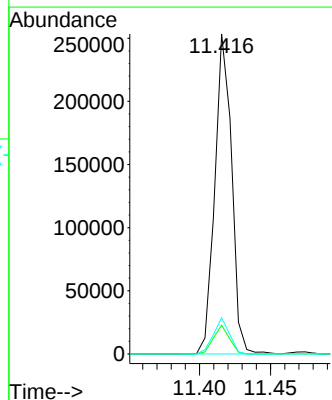
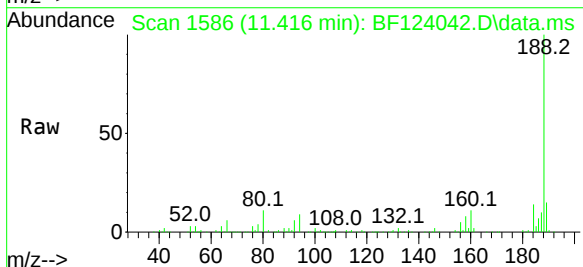
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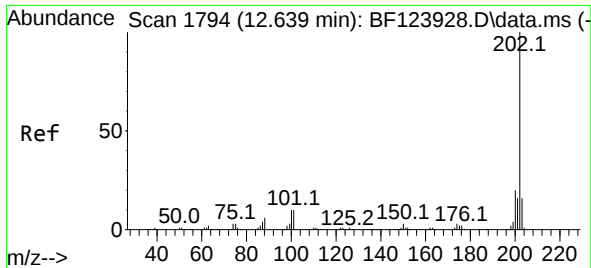
Tgt Ion:163 Resp: 69941
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 9.8 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:188 Resp: 209115
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 11.3 8.2 12.2

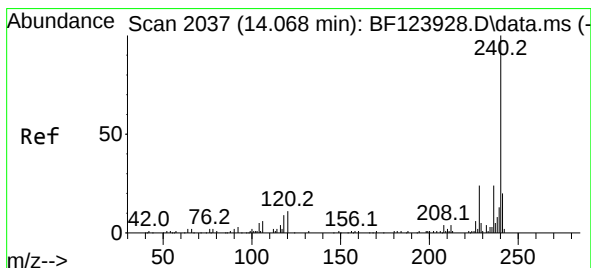
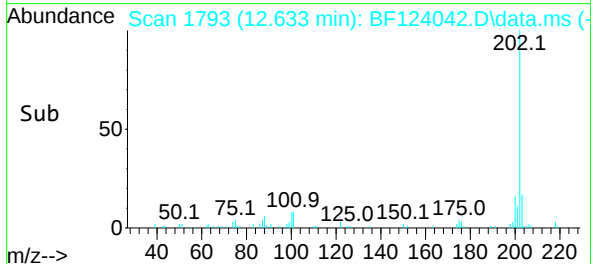
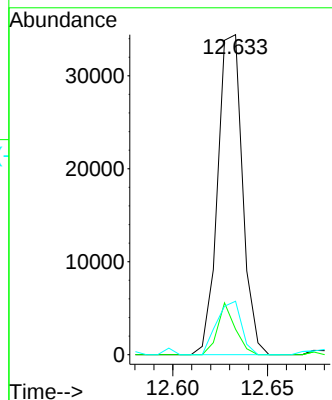
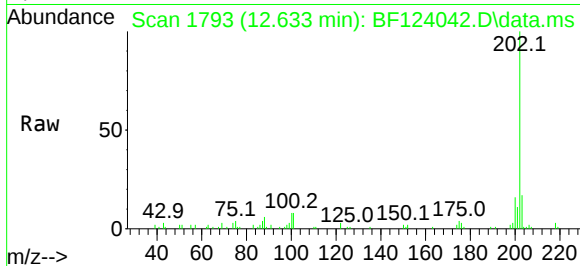




#75
Fluoranthene
Concen: 2.28 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

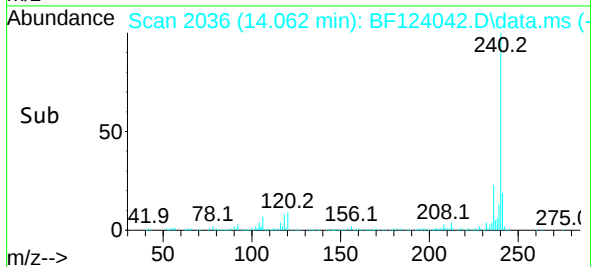
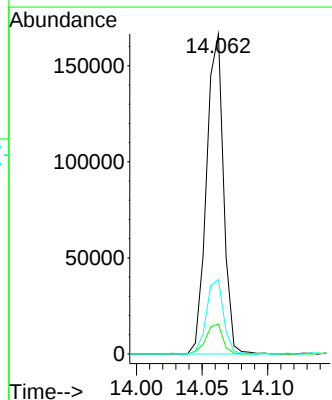
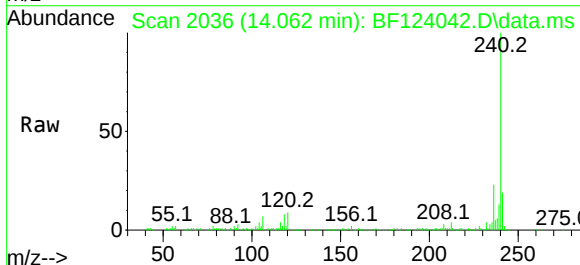
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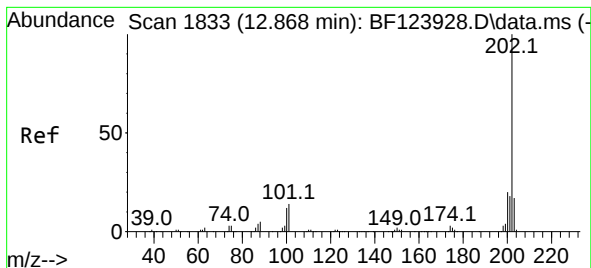
Tgt Ion:202	Resp:	31259
Ion Ratio	Lower	Upper
202	100	
101	8.0	0.0 30.9
203	16.7	0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:240	Resp:	150312
Ion Ratio	Lower	Upper
240	100	
120	9.4	7.2 10.8
236	23.3	19.0 28.4





#78

Pyrene

Concen: 2.35 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF124042.D

Acq: 24 May 2021 17:42

Tgt Ion:202 Resp: 31403

Ion Ratio Lower Upper

202 100

200 19.0 16.1 24.1

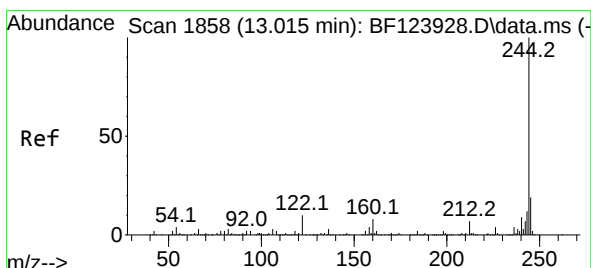
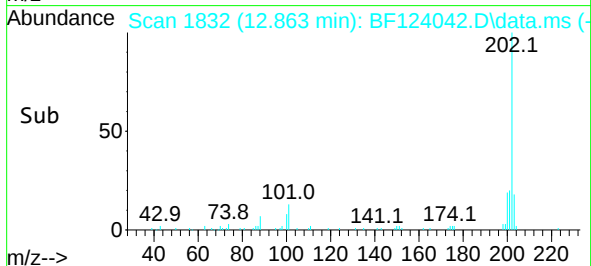
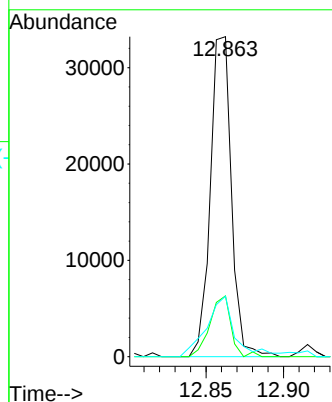
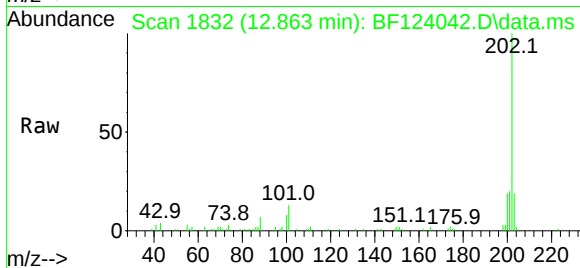
203 18.9 14.8 22.2

Instrument :

BNA_F

ClientSampleId :

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#79

Terphenyl-d14

Concen: 44.23 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BF124042.D

Acq: 24 May 2021 17:42

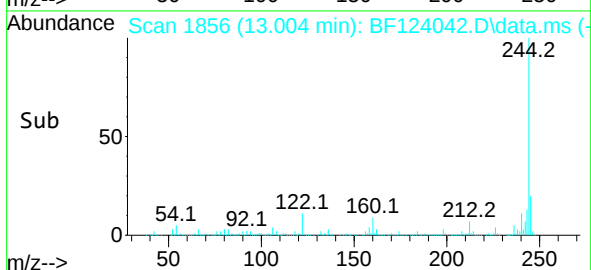
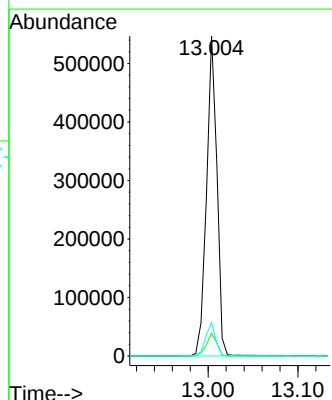
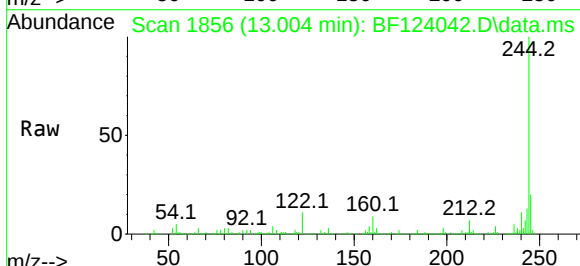
Tgt Ion:244 Resp: 438968

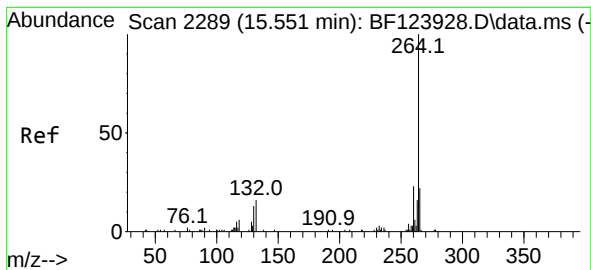
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

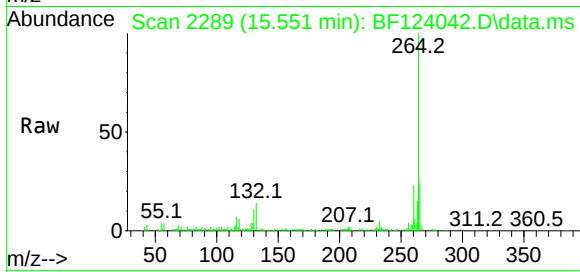
122 10.5 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: BF124042.D
 Acq: 24 May 2021 17:42

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052121



Tgt Ion:264 Resp: 122536
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 23.8 17.8 26.8

