

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124035.D
 Acq On : 24 May 2021 13:21
 Operator : JU/CG
 Sample : PB136585TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136585TB

Quant Time: May 24 13:53:48 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	67514	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	258604	20.00	ng	#-0.01
39) Acenaphthene-d10	9.927	164	153073	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	271582	20.00	ng	#-0.01
76) Chrysene-d12	14.062	240	209103	20.00	ng	0.00
86) Perylene-d12	15.551	264	166986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	586765	122.03	ng	0.02
7) Phenol-d6	6.522	99	725493	116.31	ng	0.00
23) Nitrobenzene-d5	7.451	82	550241	91.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	226201	123.03	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	973084	78.23	ng	-0.01
79) Terphenyl-d14	13.010	244	1135243	82.23	ng	0.00

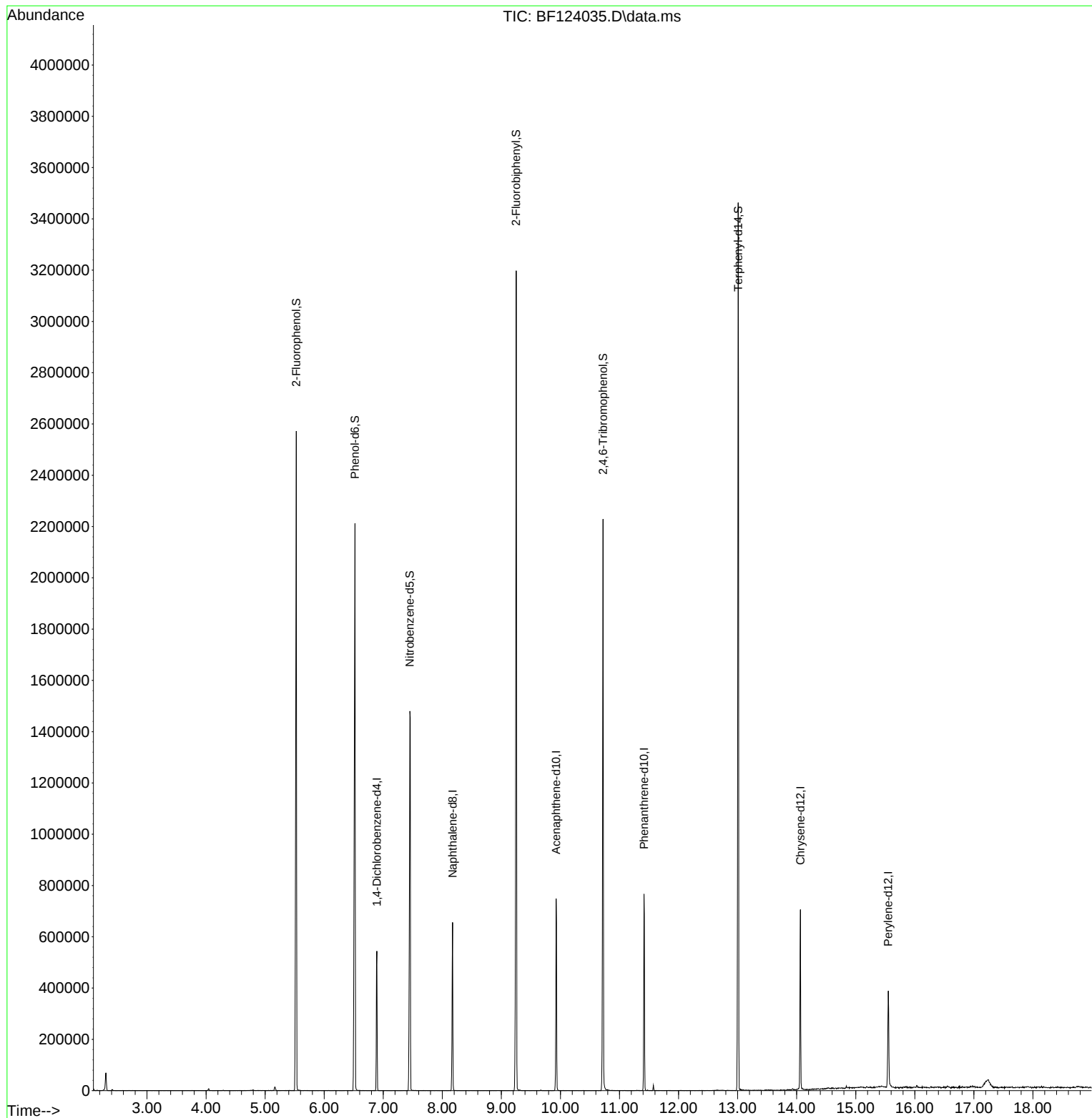
Target Compounds	Qvalue

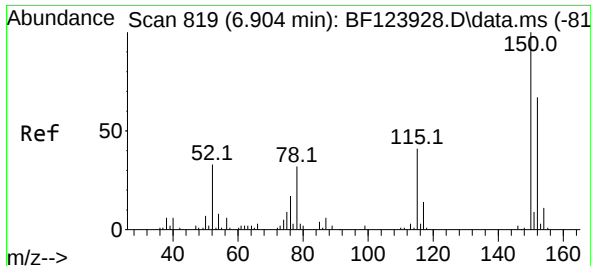
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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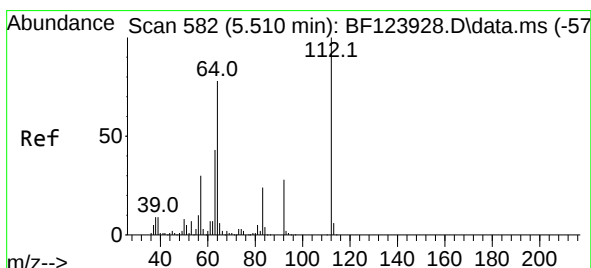
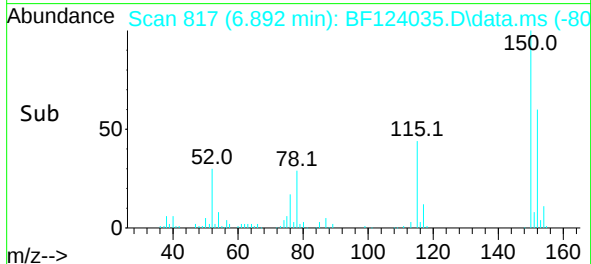
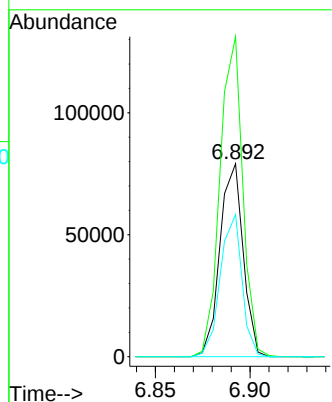
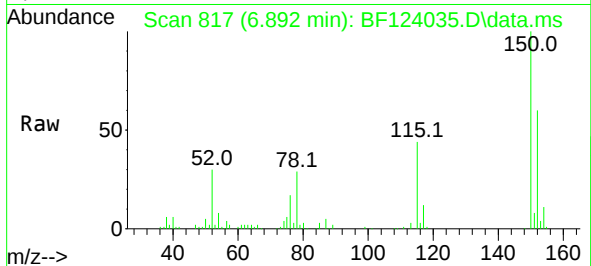




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.012 min
 Lab File: BF124035.D
 Acq: 24 May 2021 13:21

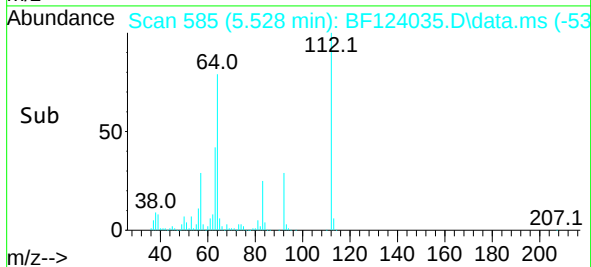
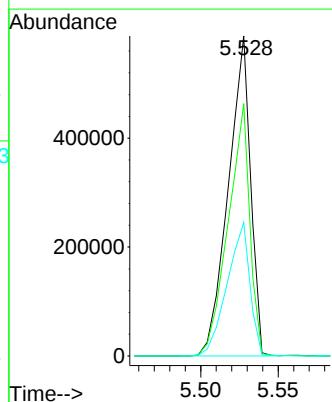
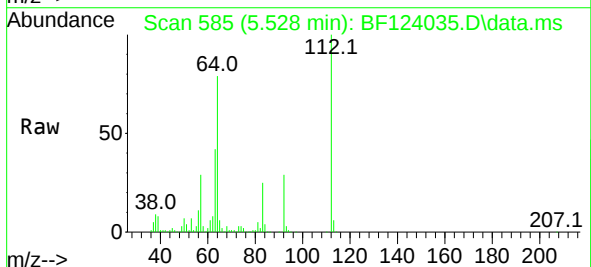
Instrument :
 BNA_F
 ClientSampleId :
 PB136585TB

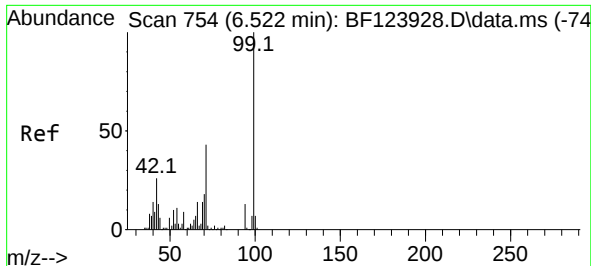
Tgt Ion:152 Resp: 67514
 Ion Ratio Lower Upper
 152 100
 150 165.8 127.0 190.6
 115 73.6 54.3 81.5



#5
 2-Fluorophenol
 Concen: 122.03 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.018 min
 Lab File: BF124035.D
 Acq: 24 May 2021 13:21

Tgt Ion:112 Resp: 586765
 Ion Ratio Lower Upper
 112 100
 64 78.8 61.4 92.0
 63 41.7 33.0 49.4

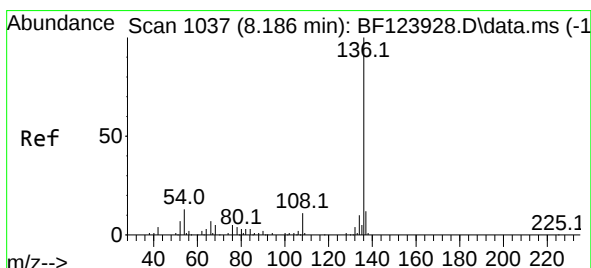
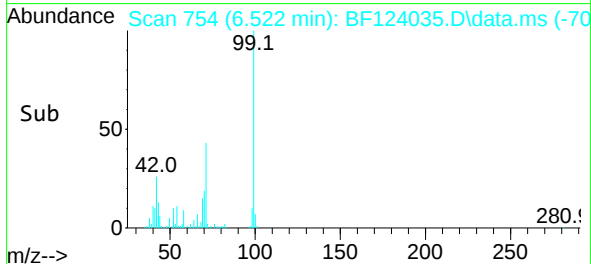
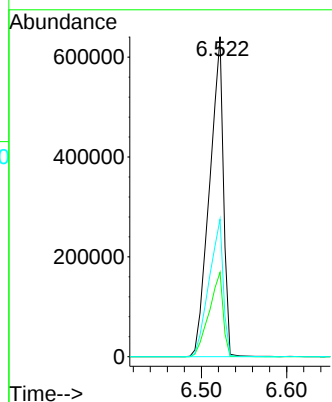
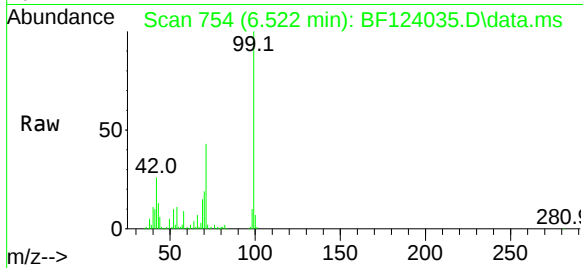




#7
Phenol-d6
Concen: 116.31 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

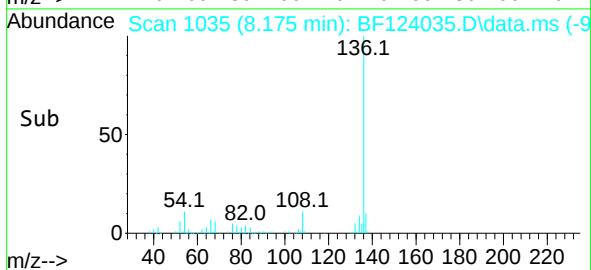
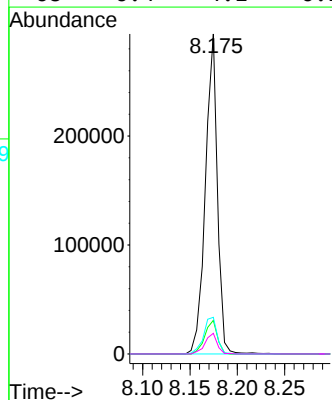
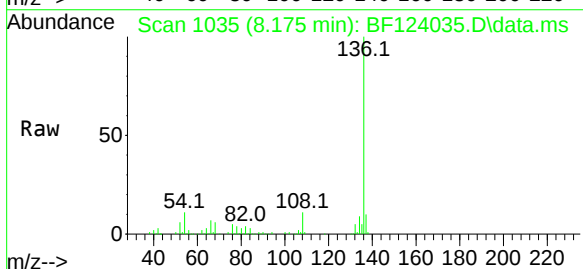
Instrument :
BNA_F
ClientSampleId :
PB136585TB

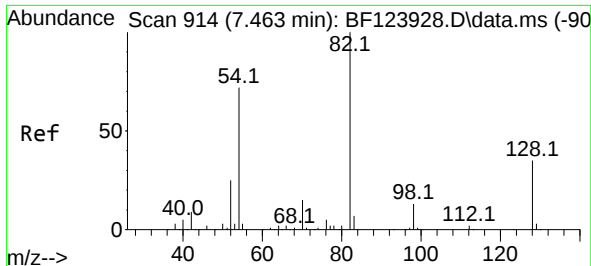
Tgt Ion: 99 Resp: 725493
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 43.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

Tgt Ion: 136 Resp: 258604
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.4 9.8 14.6
68 6.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 91.68 ng

RT: 7.451 min Scan# 912

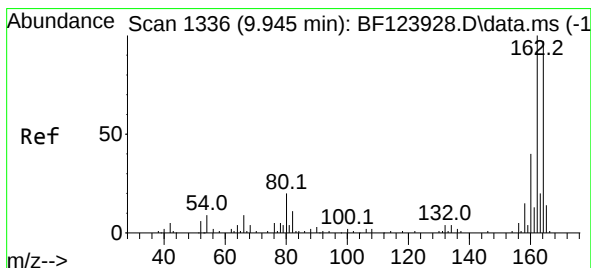
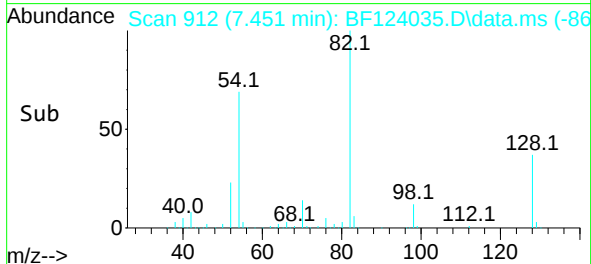
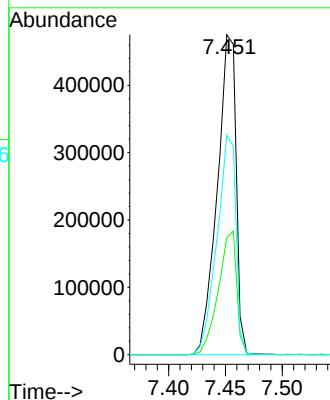
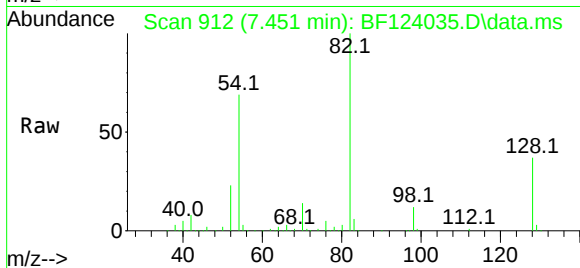
Delta R.T. -0.012 min

Lab File: BF124035.D

Acq: 24 May 2021 13:21

Tgt Ion: 82 Resp: 550241

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.4	44.2
54	68.6	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.927 min Scan# 1333

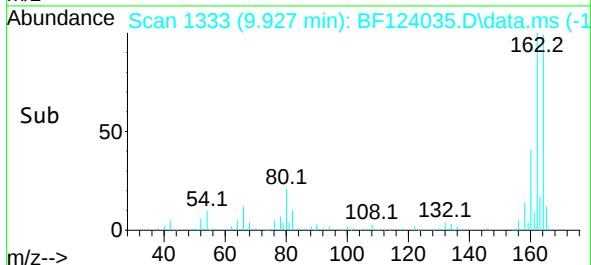
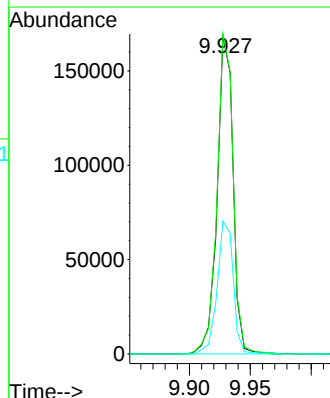
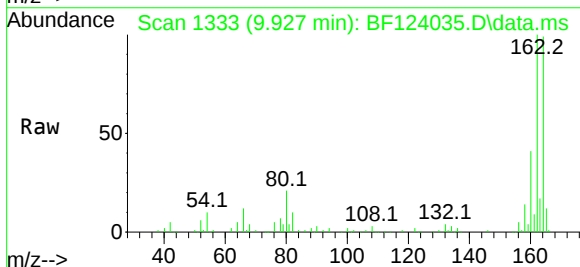
Delta R.T. -0.018 min

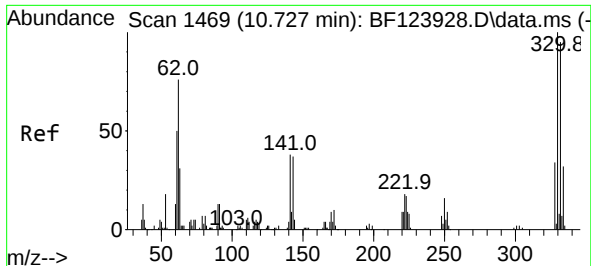
Lab File: BF124035.D

Acq: 24 May 2021 13:21

Tgt Ion: 164 Resp: 153073

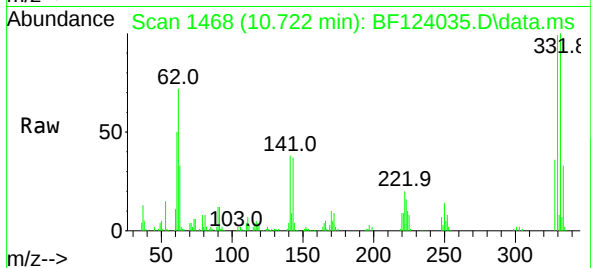
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	41.8	37.3	55.9



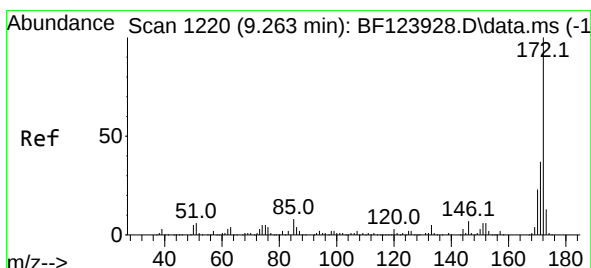
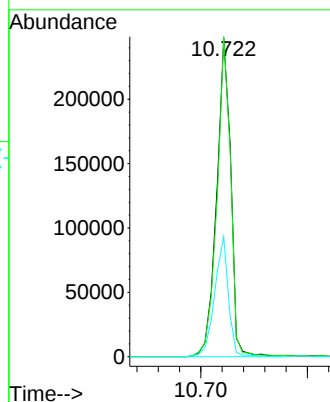
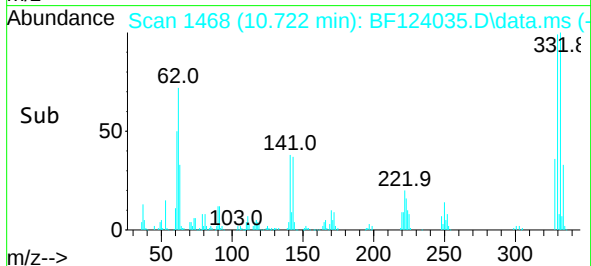


#42
2,4,6-Tribromophenol
Concen: 123.03 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21

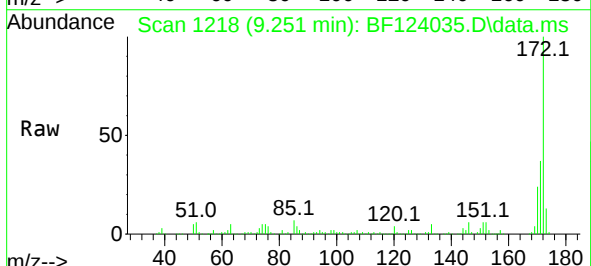
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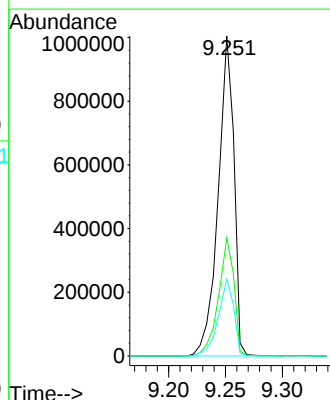
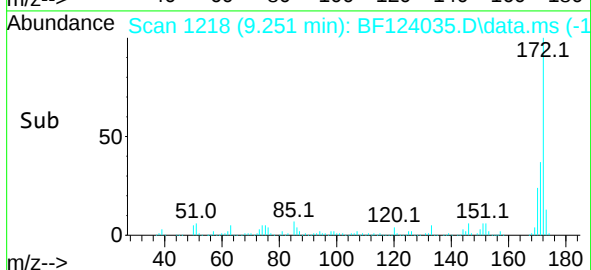
Tgt Ion: 330 Resp: 226201
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 37.2 27.9 41.9

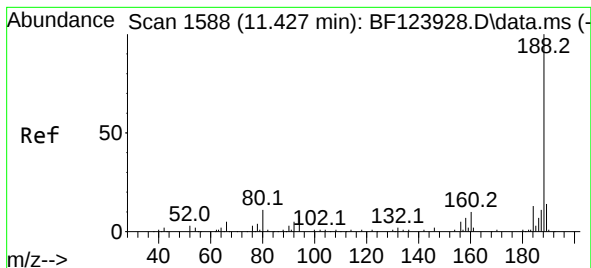


#45
2-Fluorobiphenyl
Concen: 78.23 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124035.D
Acq: 24 May 2021 13:21



Tgt Ion: 172 Resp: 973084
Ion Ratio Lower Upper
172 100
171 36.9 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: BF124035.D

Acq: 24 May 2021 13:21

Instrument :

BNA_F

ClientSampleId :

PB136585TB

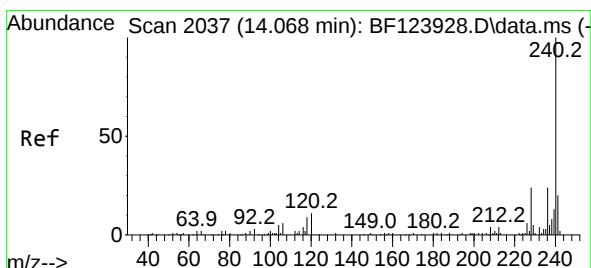
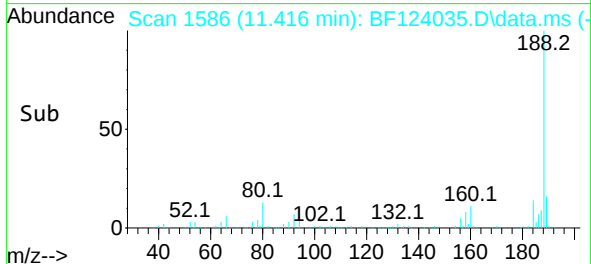
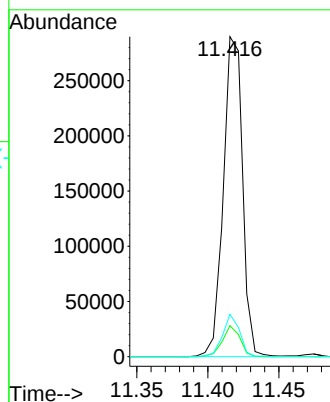
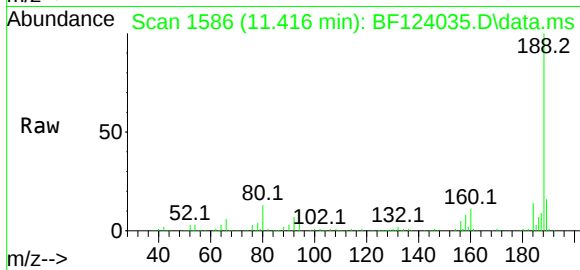
Tgt Ion:188 Resp: 271582

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

80 13.3 8.2 12.2#



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.062 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF124035.D

Acq: 24 May 2021 13:21

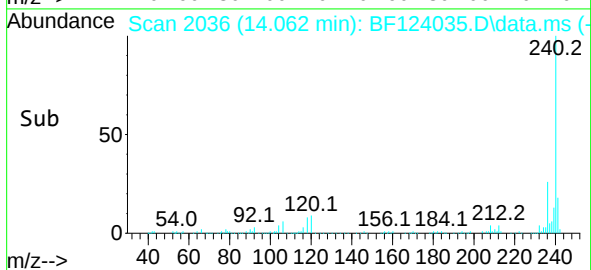
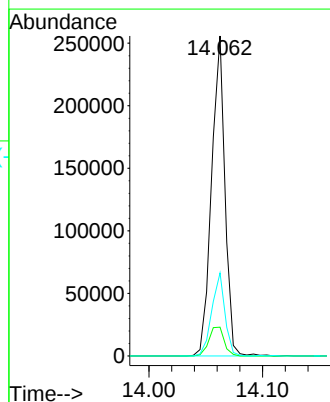
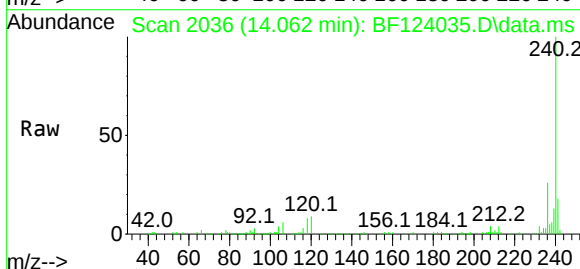
Tgt Ion:240 Resp: 209103

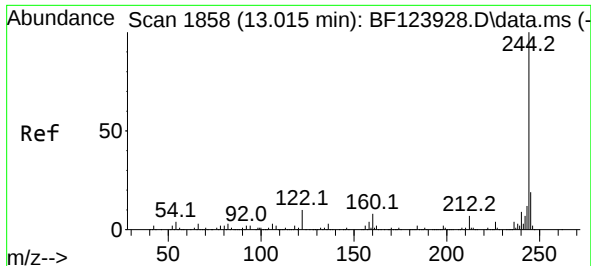
Ion Ratio Lower Upper

240 100

120 9.0 7.2 10.8

236 26.0 19.0 28.4

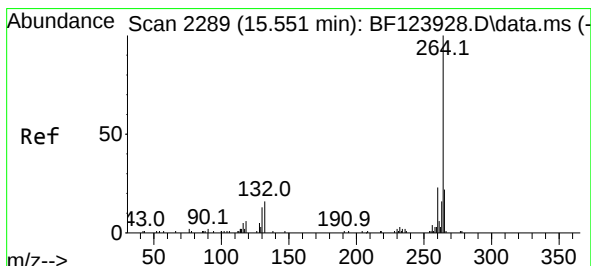
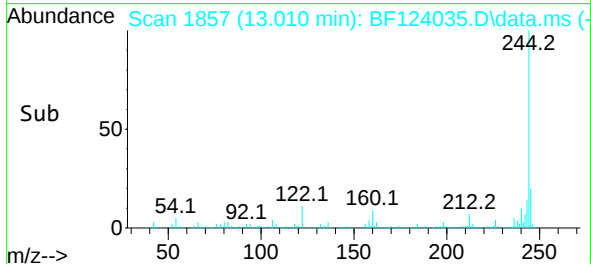
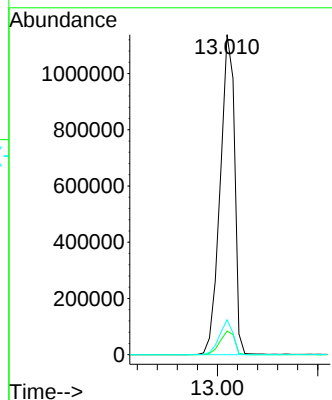
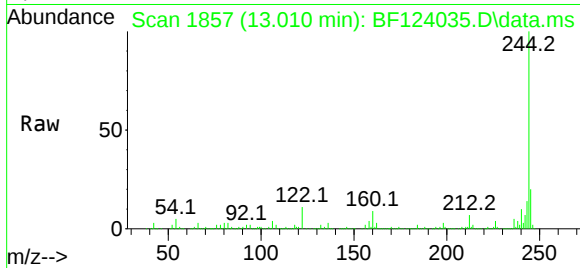




#79
 Terphenyl-d14
 Concen: 82.23 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: BF124035.D
 Acq: 24 May 2021 13:21

Instrument :
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 ClientSampleId :
 PB136585TB

Tgt Ion:244 Resp: 1135243
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.9 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: BF124035.D
 Acq: 24 May 2021 13:21

Tgt Ion:264 Resp: 166986
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.7 17.8 26.8

