

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
 Data File : BF124921.D
 Acq On : 3 Aug 2021 18:18
 Operator : JU/CG
 Sample : PB138162TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138162TB

Quant Time: Aug 04 05:06:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	6312	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	23696	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	13418	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	24409	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	17770	20.000	ng	-0.02
86) Perylene-d12	15.468	264	14038	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	50137	134.490	ng	0.00
7) Phenol-d6	6.475	99	59430	127.163	ng	-0.01
23) Nitrobenzene-d5	7.410	82	40351	101.350	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	16209	140.695	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	80555	88.176	ng	-0.01
79) Terphenyl-d14	12.957	244	93980	90.656	ng	0.00

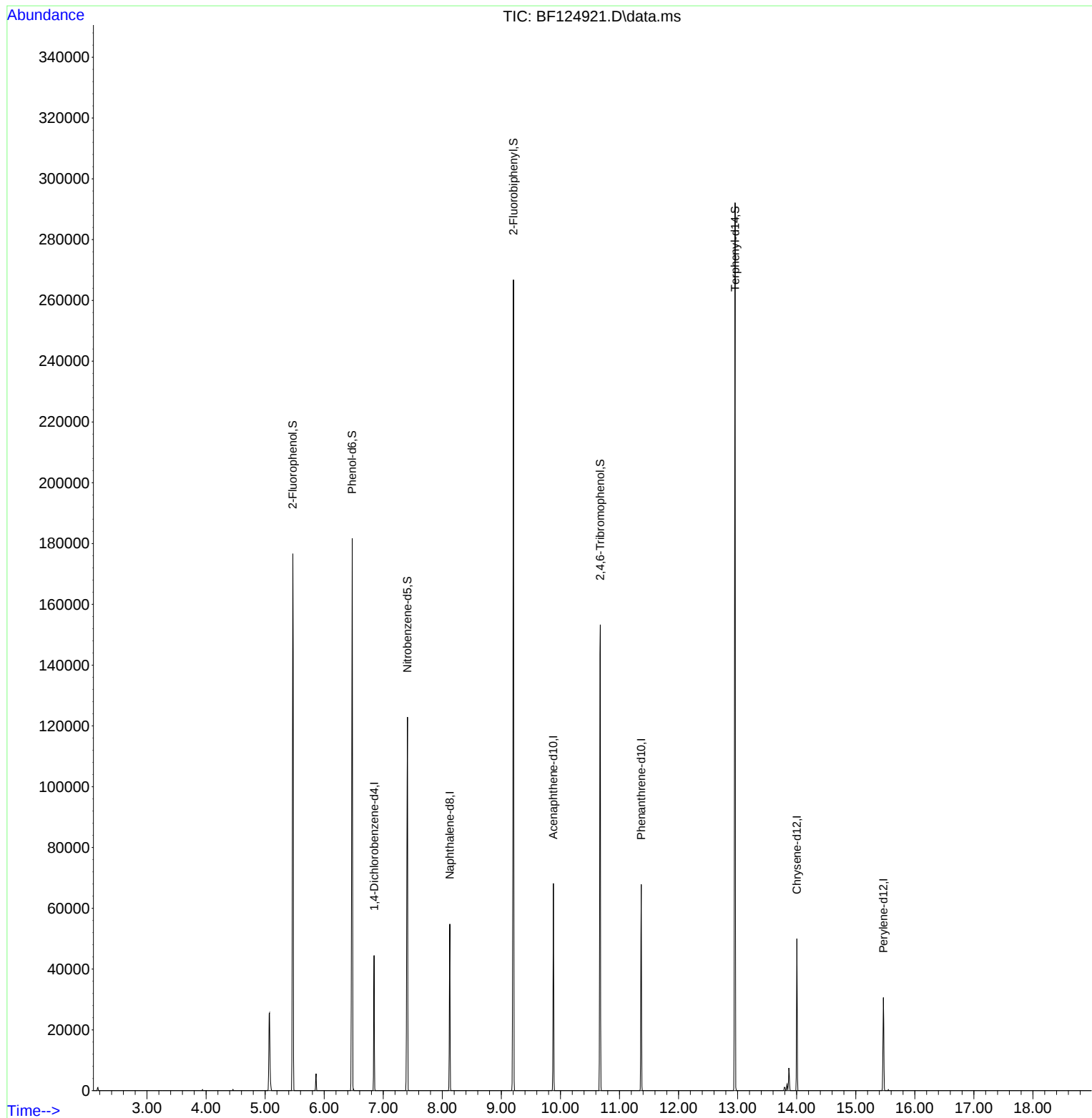
Target Compounds	Qvalue

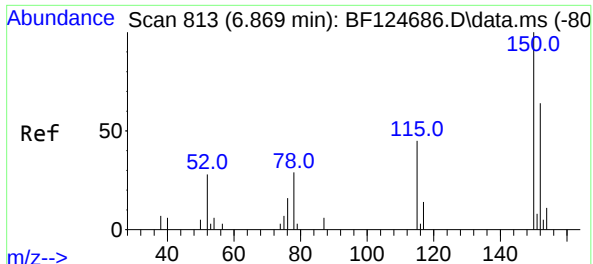
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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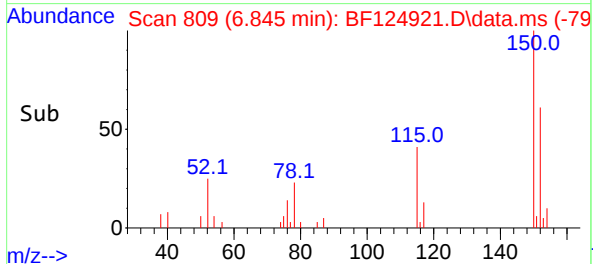
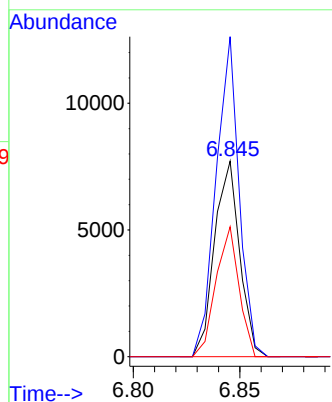
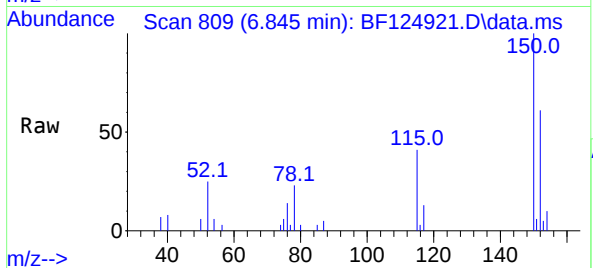




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

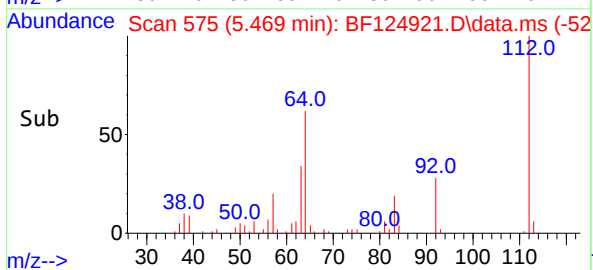
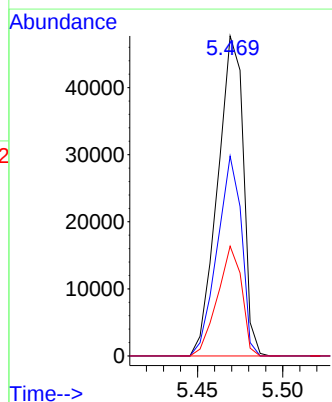
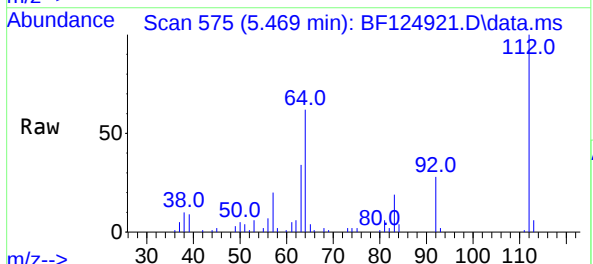
Instrument :
BNA_F
ClientSampleId :
PB138162TB

Tgt Ion:152 Resp: 6312
Ion Ratio Lower Upper
152 100
150 163.7 117.6 176.4
115 66.4 47.1 70.7



#5
2-Fluorophenol
Concen: 134.490 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:112 Resp: 50137
Ion Ratio Lower Upper
112 100
64 62.4 44.2 66.2
63 34.3 26.2 39.2

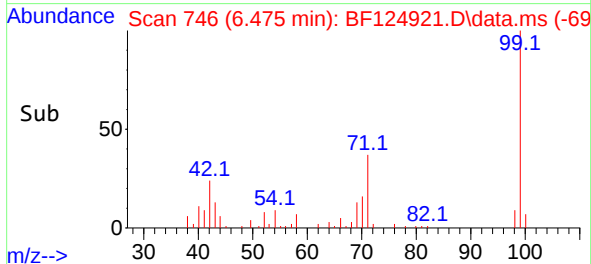
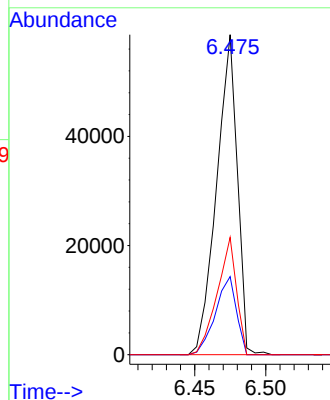
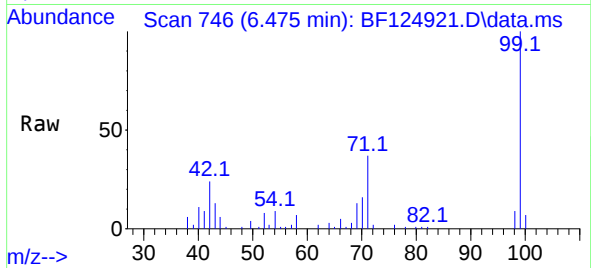




#7
Phenol-d6
Concen: 127.163 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

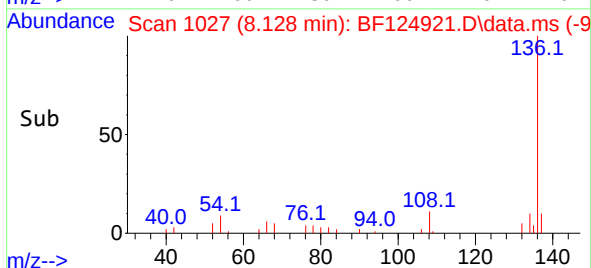
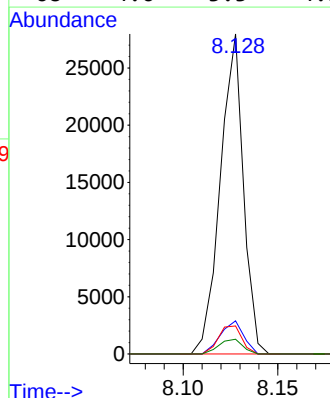
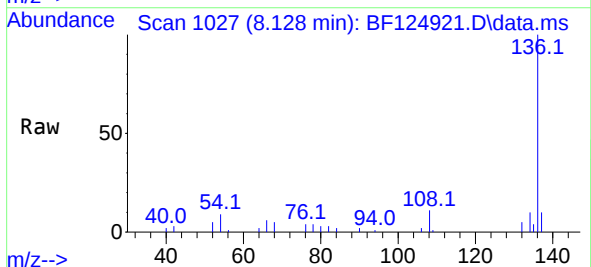
Instrument :
BNA_F
ClientSampleId :
PB138162TB

Tgt Ion: 99 Resp: 59430
Ion Ratio Lower Upper
99 100
42 24.4 23.5 35.3
71 36.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:136 Resp: 23696
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 8.7 6.4 9.6
68 4.6 3.3 4.9





#23

Nitrobenzene-d5

Concen: 101.350 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF124921.D

Acq: 3 Aug 2021 18:18

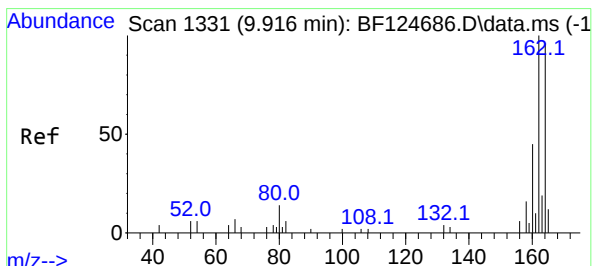
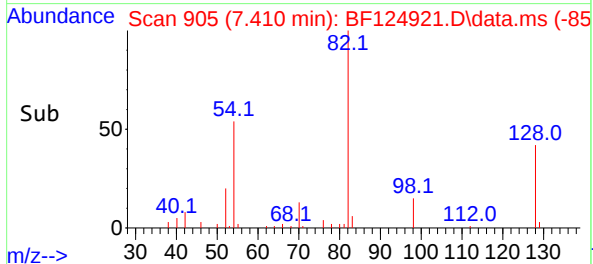
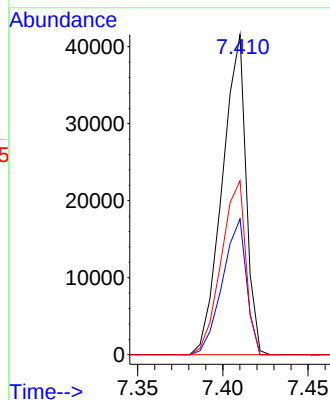
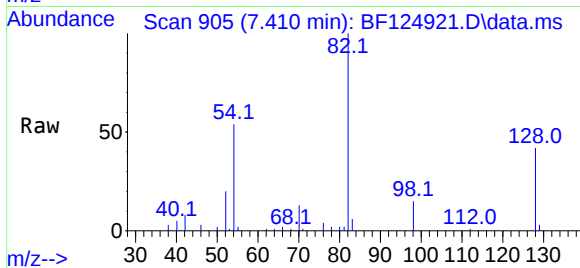
Tgt Ion: 82 Resp: 40351

Ion Ratio Lower Upper

82 100

128 42.4 40.6 60.8

54 54.4 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF124921.D

Acq: 3 Aug 2021 18:18

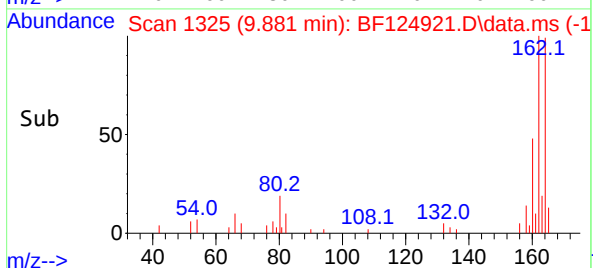
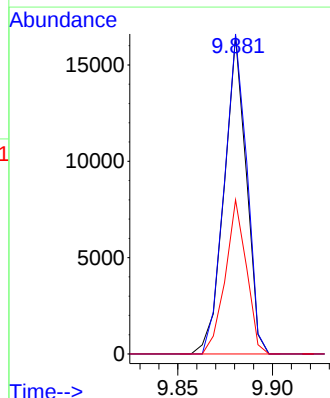
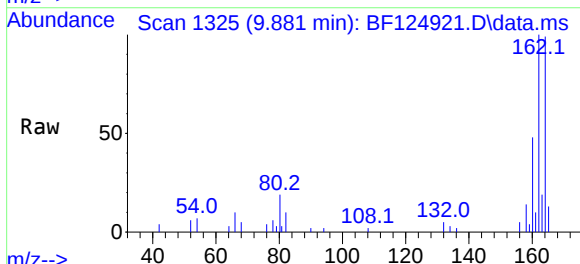
Tgt Ion:164 Resp: 13418

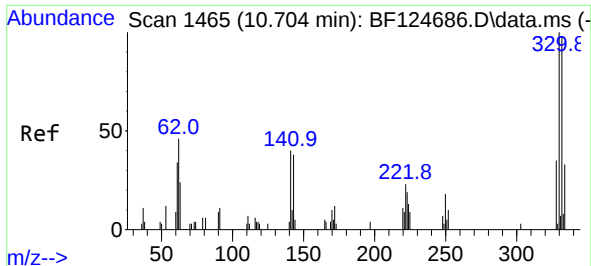
Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

160 48.5 38.0 57.0

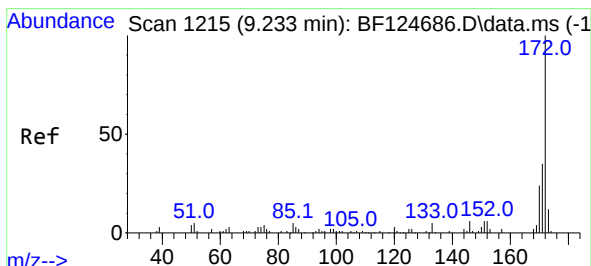
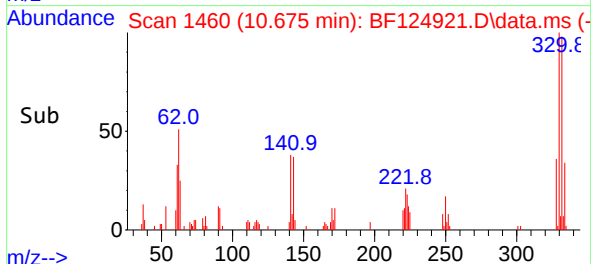
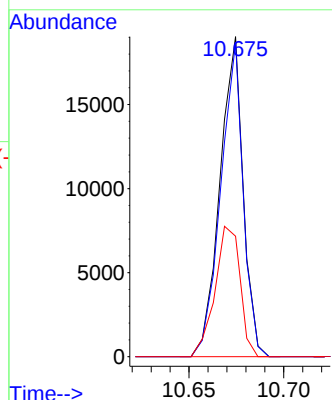
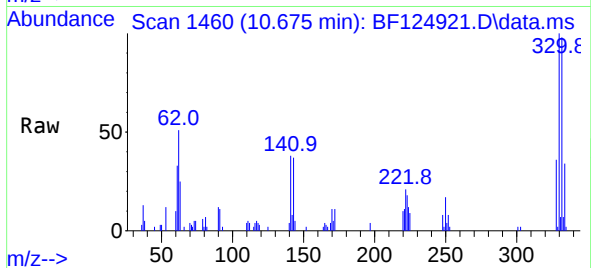




#42
2,4,6-Tribromophenol
Concen: 140.695 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

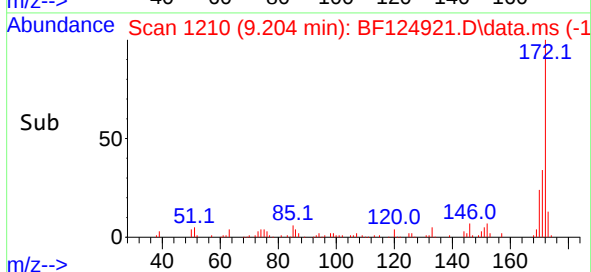
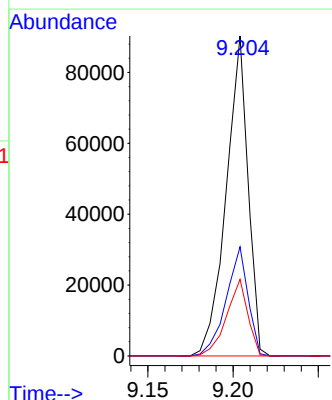
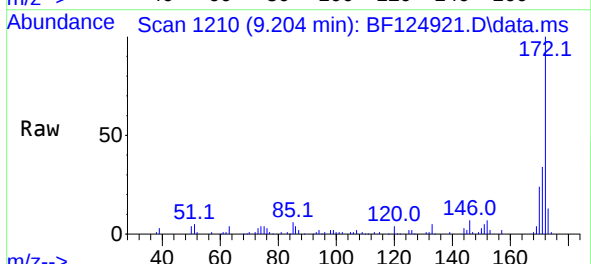
Instrument :
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PB138162TB

Tgt Ion:330 Resp: 16209
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 44.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 88.176 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:172 Resp: 80555
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 24.0 18.8 28.2

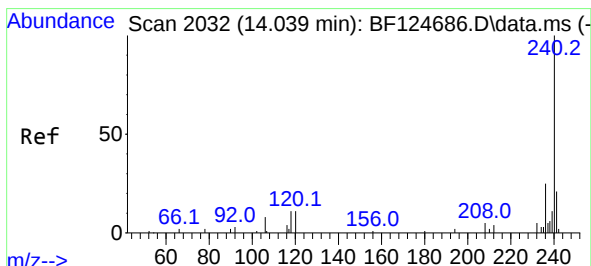
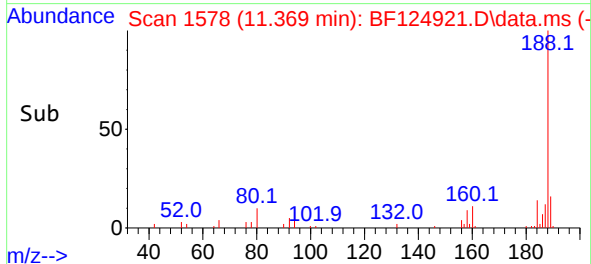
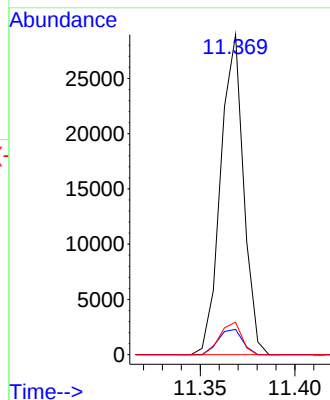
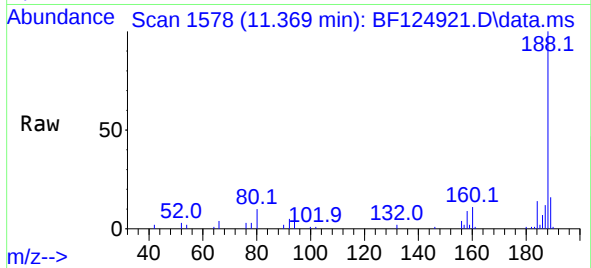




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

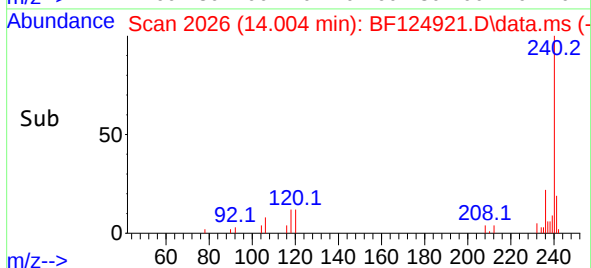
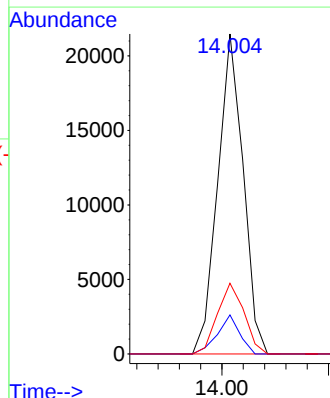
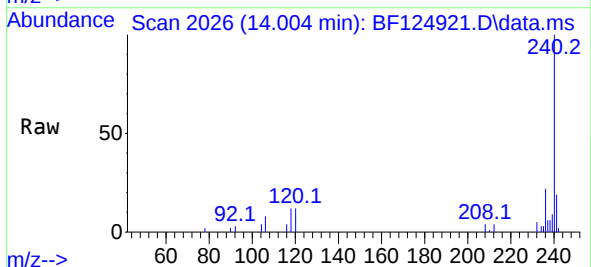
Instrument :
BNA_F
ClientSampleId :
PB138162TB

Tgt Ion:188 Resp: 24409
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:240 Resp: 17770
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 22.1 21.6 32.4

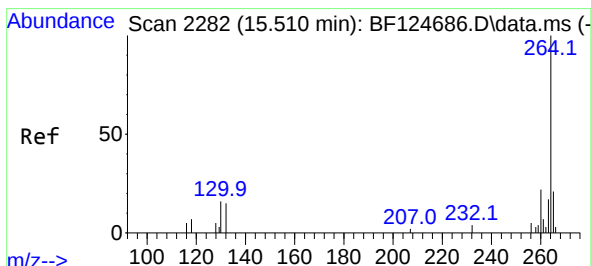
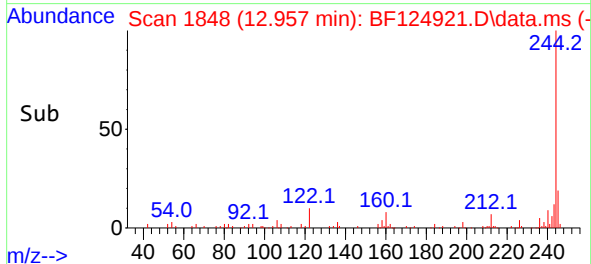
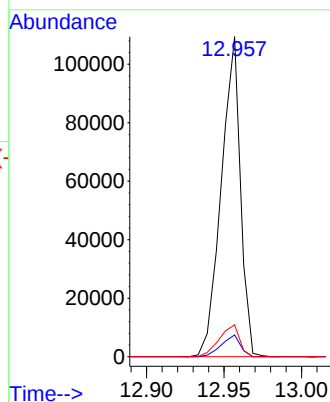
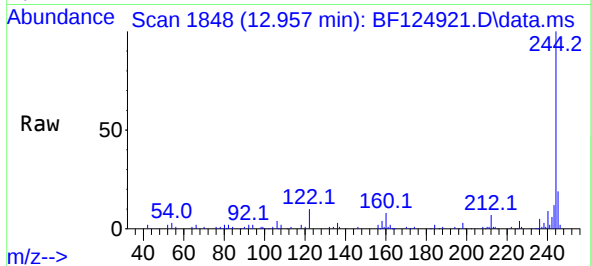




#79
Terphenyl-d14
Concen: 90.656 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Instrument :
BNA_F
ClientSampleId :
PB138162TB

Tgt Ion:244 Resp: 93980
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 10.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF124921.D
Acq: 3 Aug 2021 18:18

Tgt Ion:264 Resp: 14038
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.2 17.2 25.8

