

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080621\
 Data File : BF124956.D
 Acq On : 6 Aug 2021 10:19
 Operator : JU/CG
 Sample : PB138117BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138117BL

Quant Time: Aug 06 11:21:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	8472	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	31780	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	17853	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	33214	20.000	ng	-0.01
76) Chrysene-d12	13.986	240	24683	20.000	ng	#-0.02
86) Perylene-d12	15.445	264	22914	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	61521	118.955	ng	0.00
7) Phenol-d6	6.463	99	76827	117.809	ng	0.00
23) Nitrobenzene-d5	7.392	82	49551	81.565	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	19198	120.365	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	98634	80.841	ng	-0.01
79) Terphenyl-d14	12.939	244	117409	80.237	ng	0.00

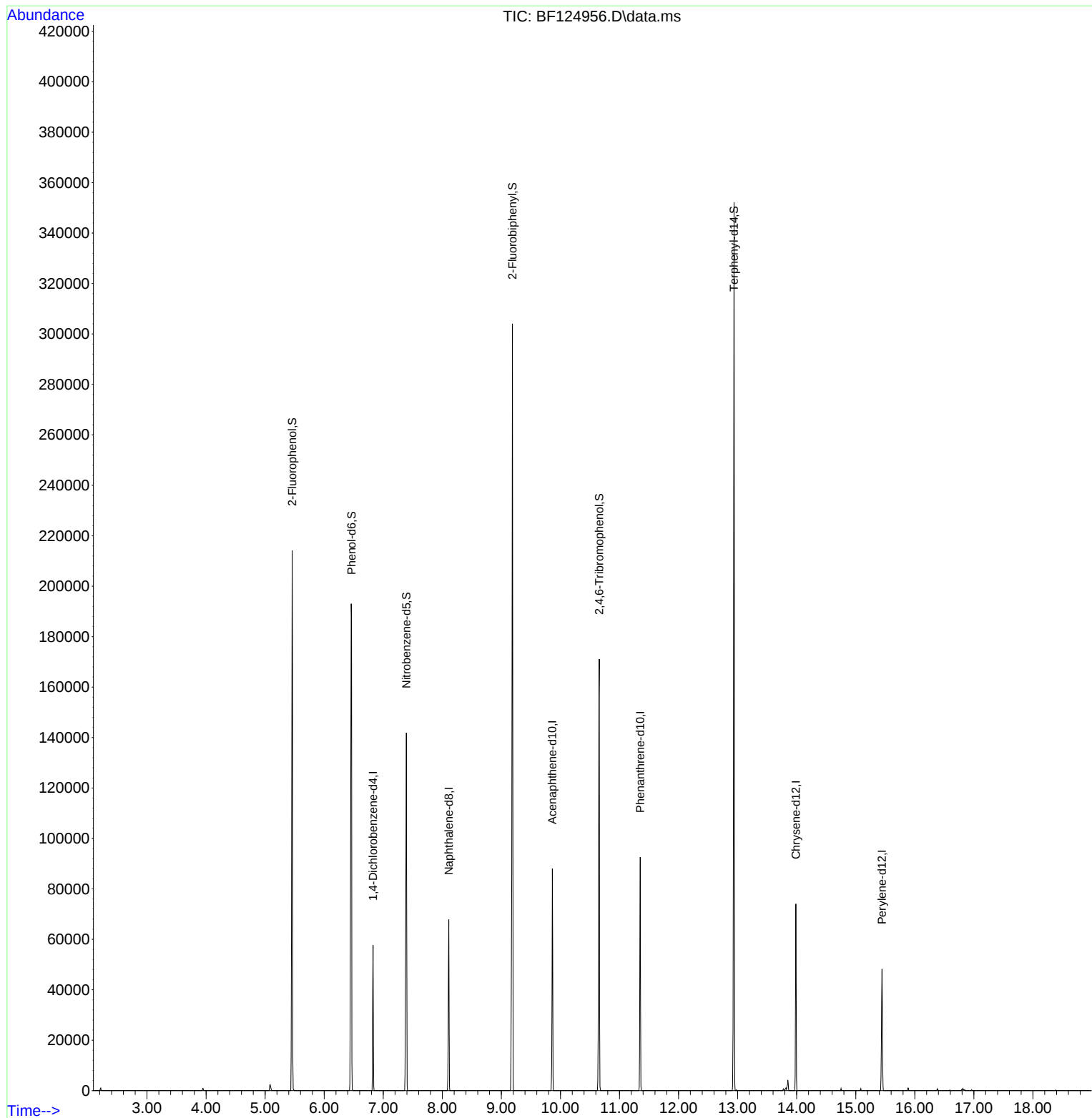
Target Compounds	Qvalue

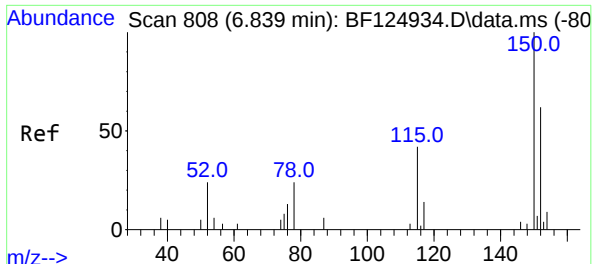
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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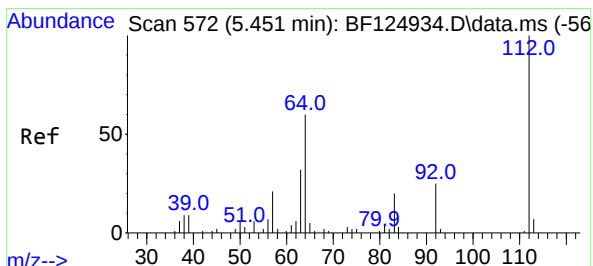
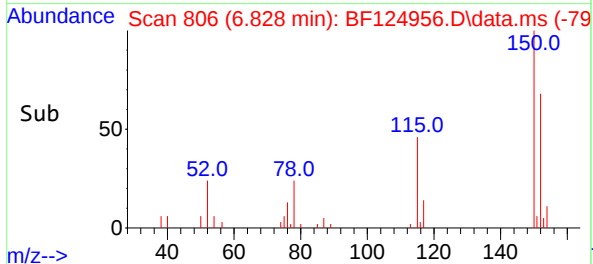
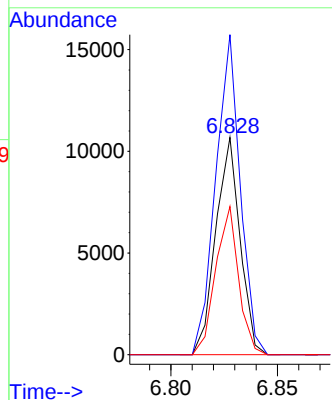
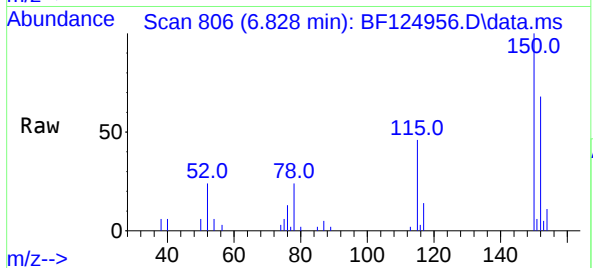




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

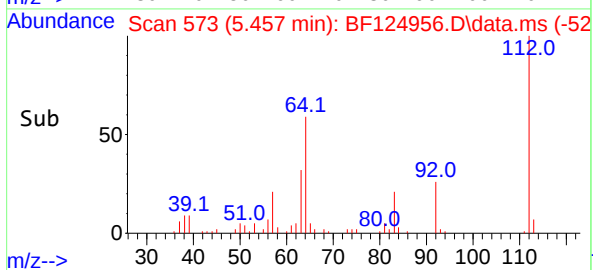
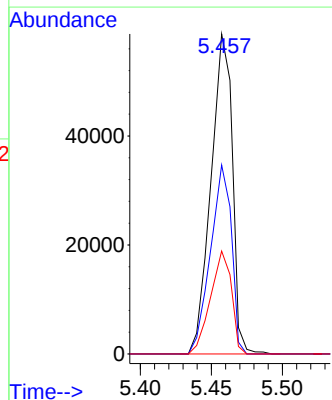
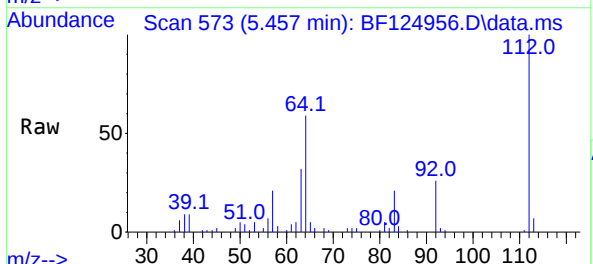
Instrument :
BNA_F
ClientSampleId :
PB138117BL

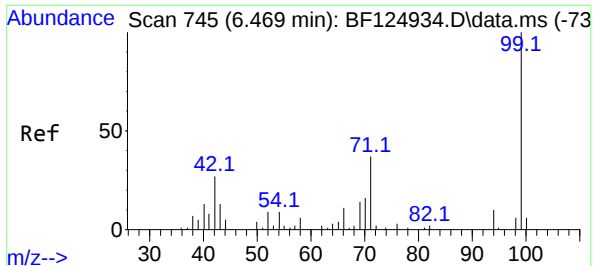
Tgt Ion:152 Resp: 8472
Ion Ratio Lower Upper
152 100
150 147.3 117.6 176.4
115 68.2 47.1 70.7



#5
2-Fluorophenol
Concen: 118.955 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

Tgt Ion:112 Resp: 61521
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 32.2 26.2 39.2

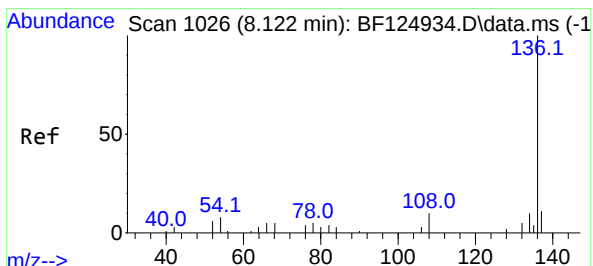
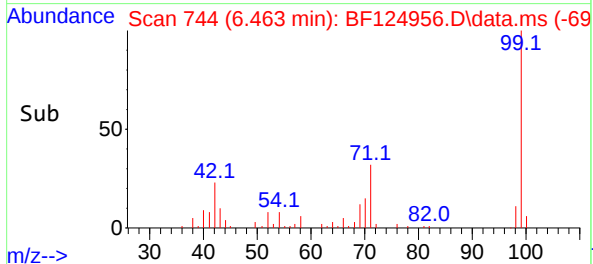
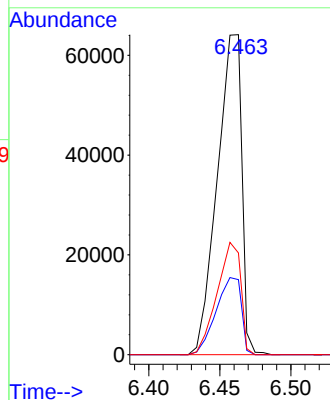
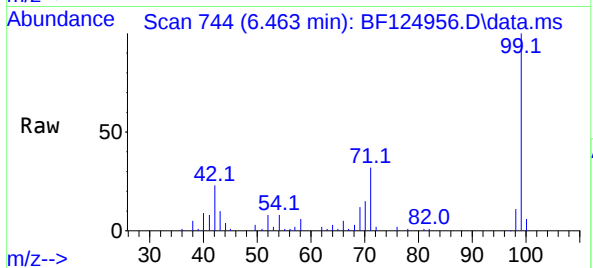




#7
Phenol-d6
Concen: 117.809 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

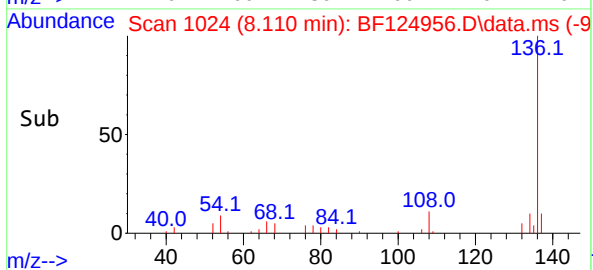
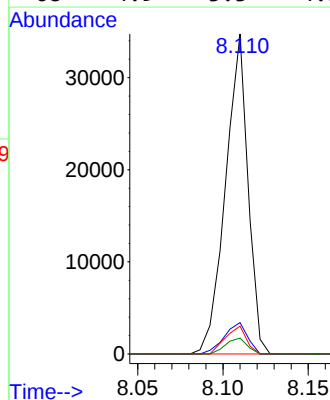
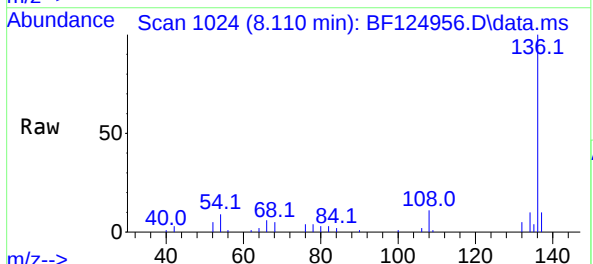
Instrument :
BNA_F
ClientSampleId :
PB138117BL

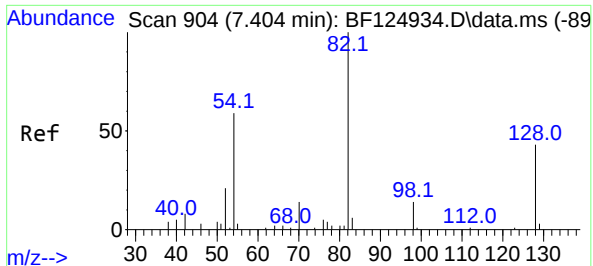
Tgt Ion: 99 Resp: 76827
Ion Ratio Lower Upper
99 100
42 23.4 23.5 35.3#
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

Tgt Ion:136 Resp: 31780
Ion Ratio Lower Upper
136 100
137 9.8 9.8 14.6
54 8.7 6.4 9.6
68 4.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 81.565 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF124956.D

Acq: 6 Aug 2021 10:19

Tgt Ion: 82 Resp: 49551

Ion Ratio Lower Upper

82 100

128 42.0 40.6 60.8

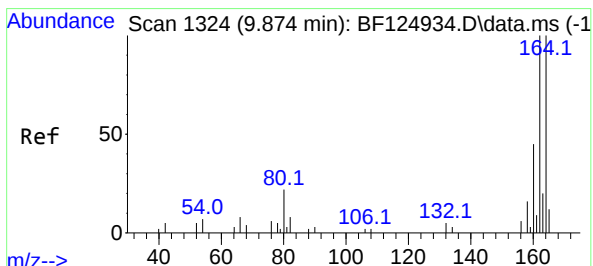
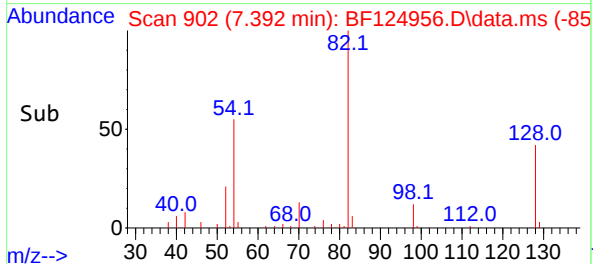
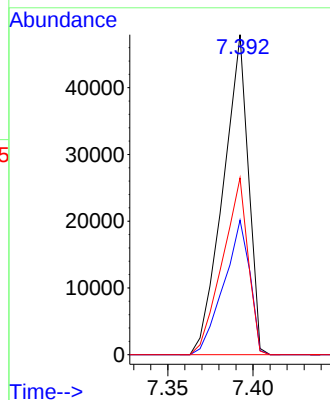
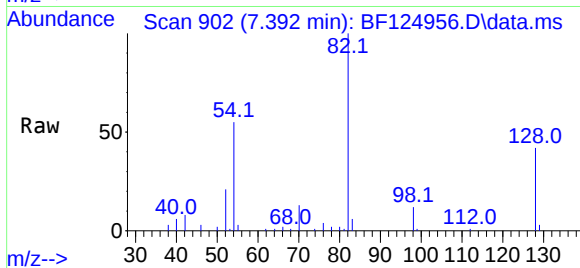
54 55.2 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

PB138117BL



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF124956.D

Acq: 6 Aug 2021 10:19

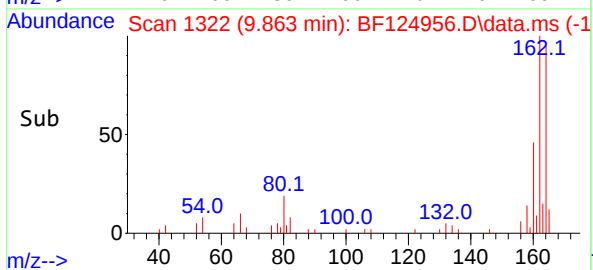
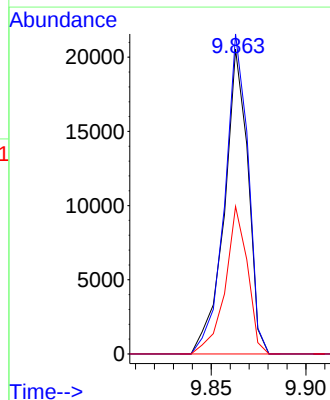
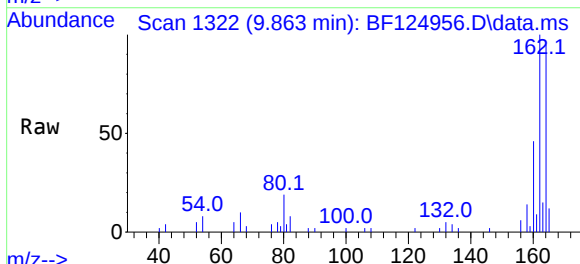
Tgt Ion:164 Resp: 17853

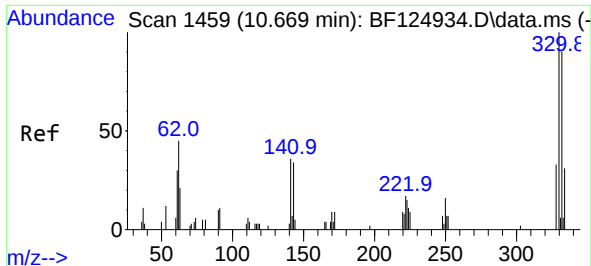
Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

160 48.4 38.0 57.0

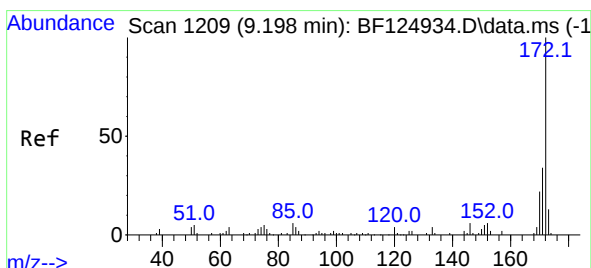
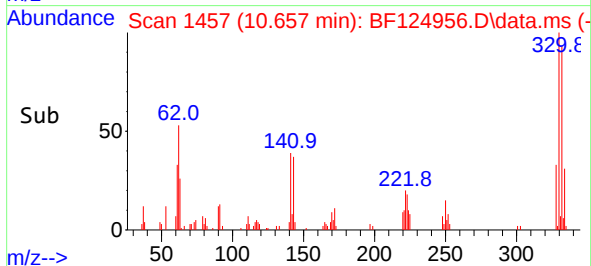
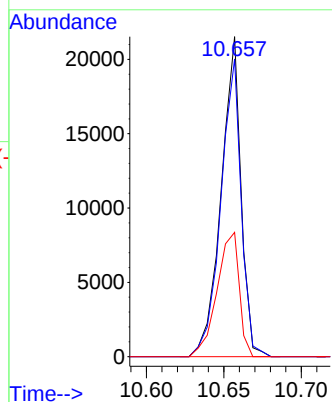
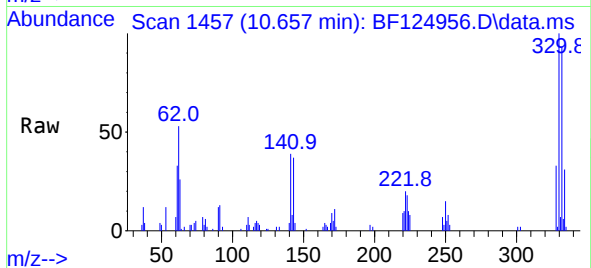




#42
2,4,6-Tribromophenol
Concen: 120.365 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

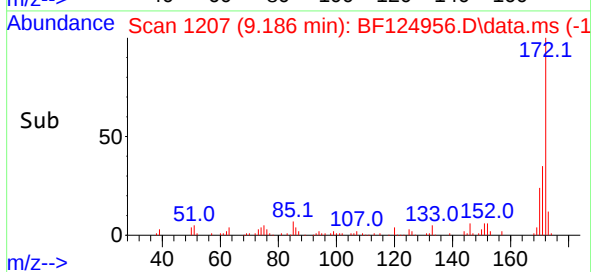
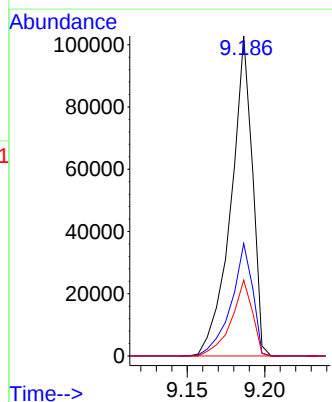
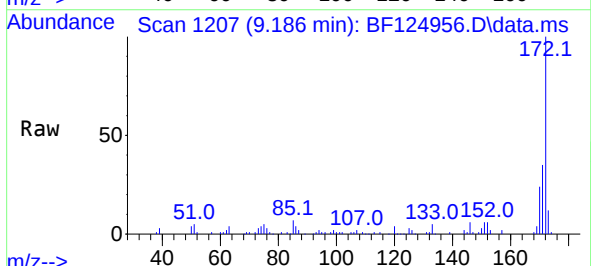
Instrument :
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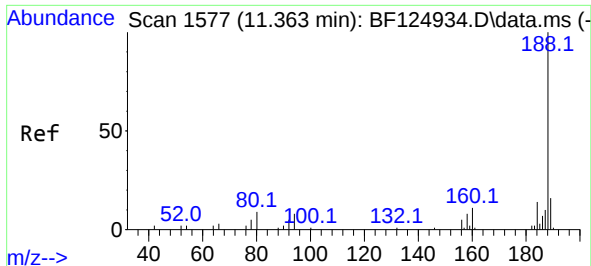
Tgt Ion:330 Resp: 19198
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 43.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 80.841 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

Tgt Ion:172 Resp: 98634
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.7 18.8 28.2

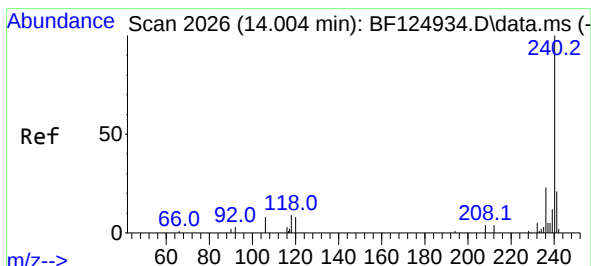
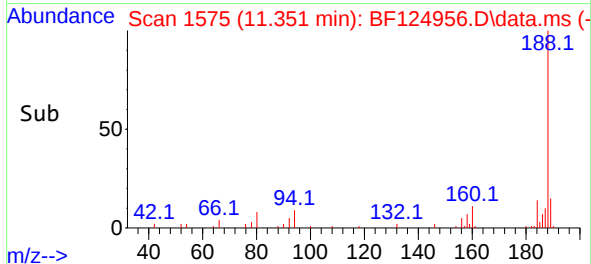
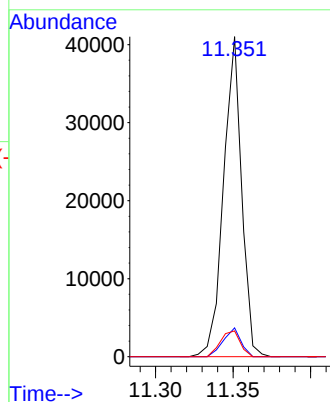
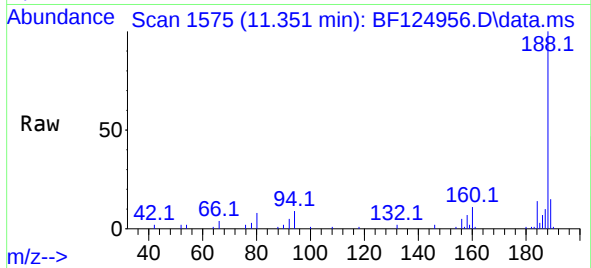




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

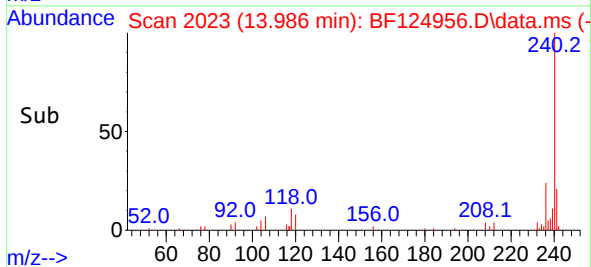
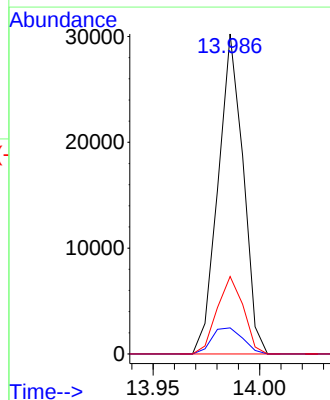
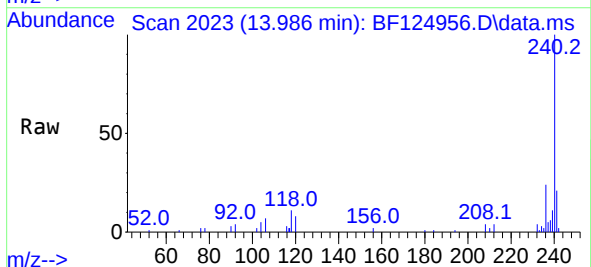
Instrument :
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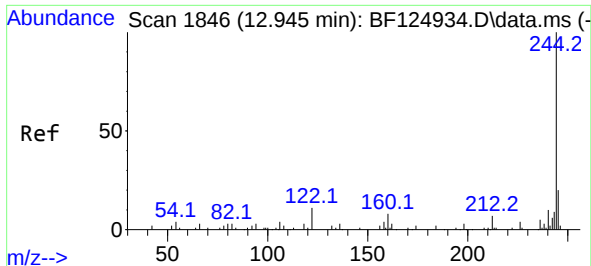
Tgt Ion:188 Resp: 33214
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 8.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.018 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

Tgt Ion:240 Resp: 24683
Ion Ratio Lower Upper
240 100
120 8.2 10.8 16.2#
236 24.2 21.6 32.4

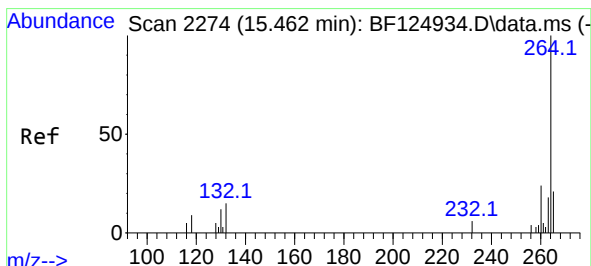
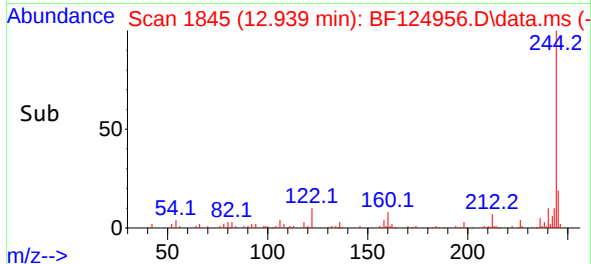
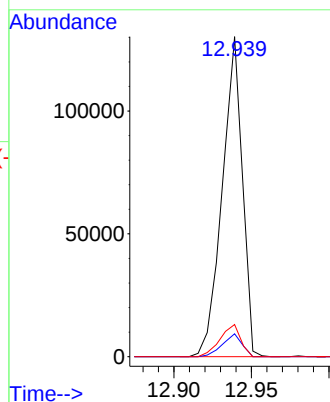
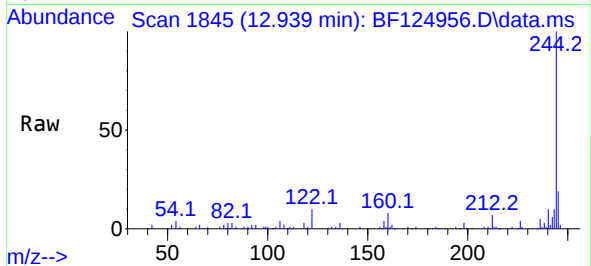




#79
Terphenyl-d14
Concen: 80.237 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

Instrument :
BNA_F
ClientSampleId :
PB138117BL

Tgt Ion:244 Resp: 117409
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BF124956.D
Acq: 6 Aug 2021 10:19

Tgt Ion:264 Resp: 22914
Ion Ratio Lower Upper
264 100
260 21.2 19.6 29.4
265 20.0 17.2 25.8

