

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124275.D
 Acq On : 11 Jun 2021 22:51
 Operator : JU/CG
 Sample : M2625-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(186-190)

Quant Time: Jun 11 23:47:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	33432	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	124379	20.00	ng	#-0.01
39) Acenaphthene-d10	9.880	164	73033	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	140448	20.00	ng	# 0.00
76) Chrysene-d12	14.010	240	90477	20.00	ng	-0.01
86) Perylene-d12	15.486	264	85119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	282927	127.39	ng	-0.01
7) Phenol-d6	6.481	99	357670	119.81	ng	-0.02
23) Nitrobenzene-d5	7.404	82	266886	85.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	134378	129.87	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	506491	87.27	ng	-0.01
79) Terphenyl-d14	12.957	244	600681	91.15	ng	0.00

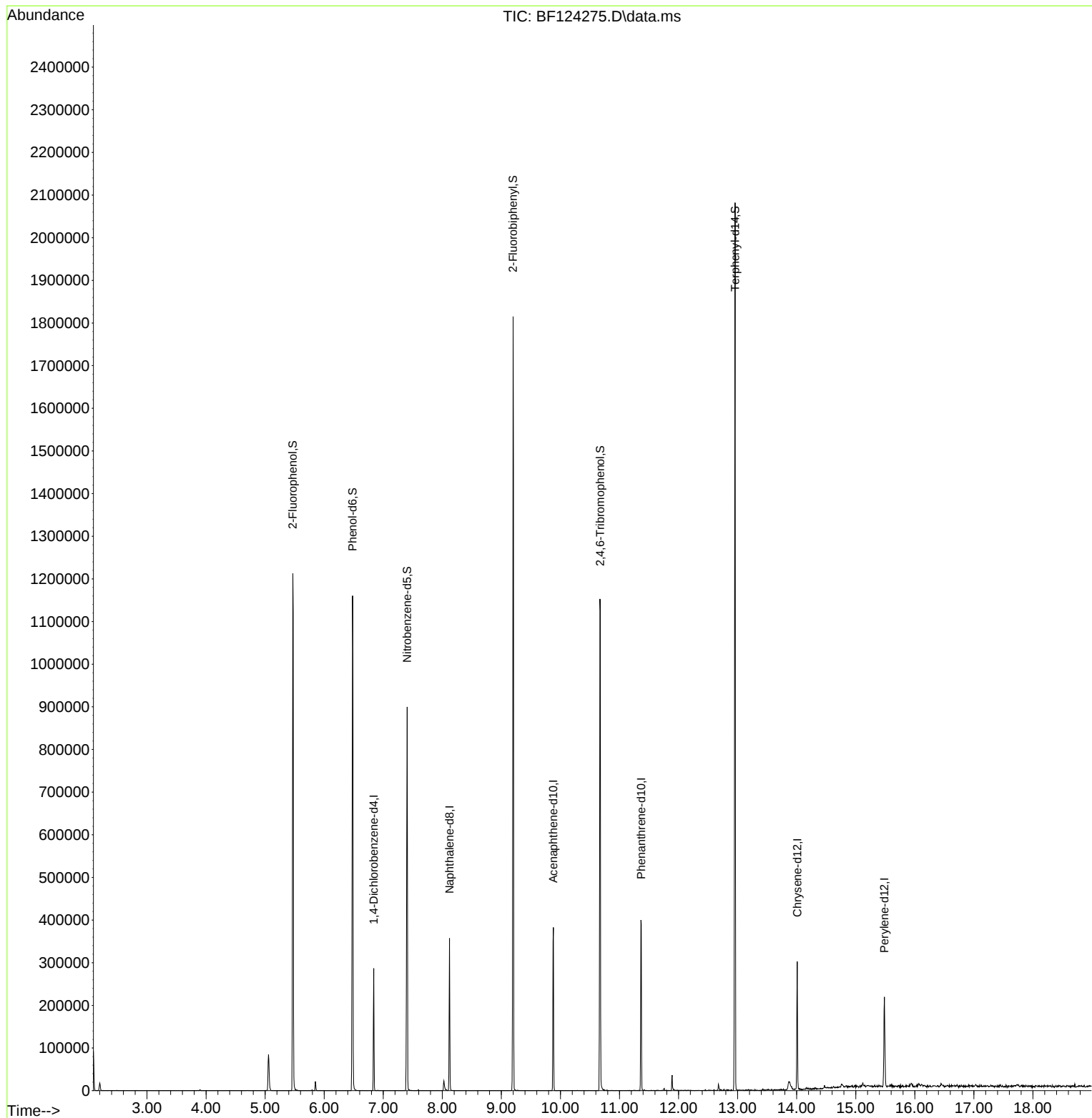
Target Compounds	Qvalue

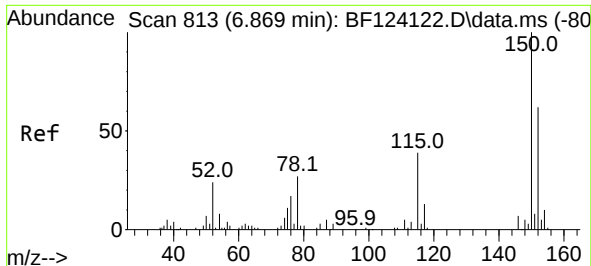
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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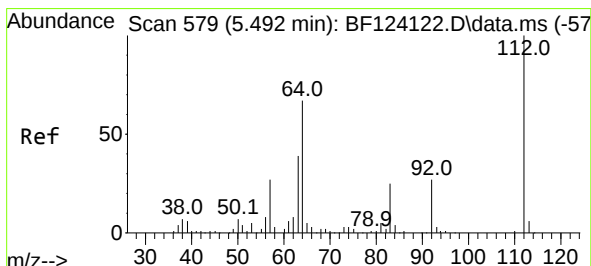
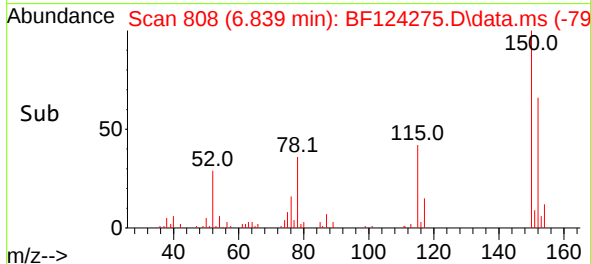
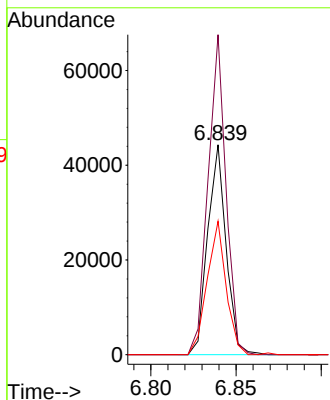
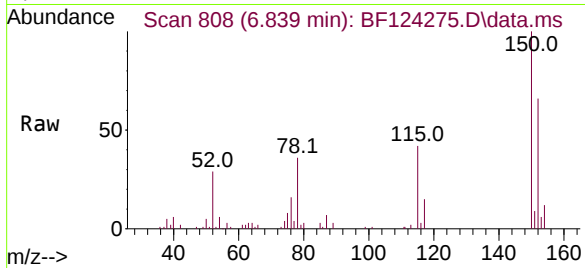




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

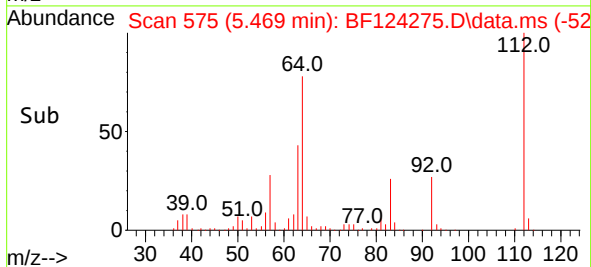
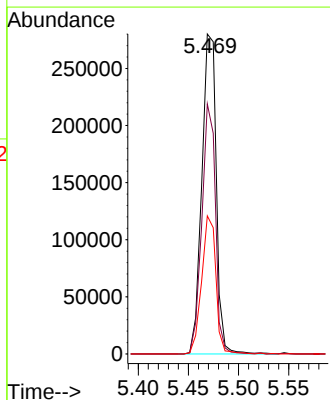
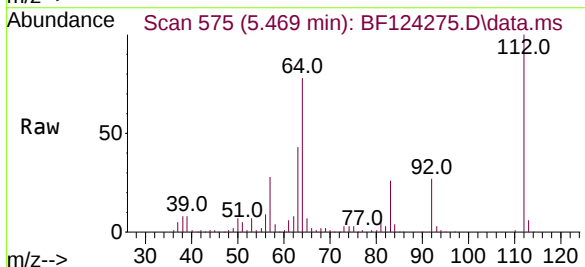
Instrument :
BNA_F
ClientSampleId :
18-B12(186-190)

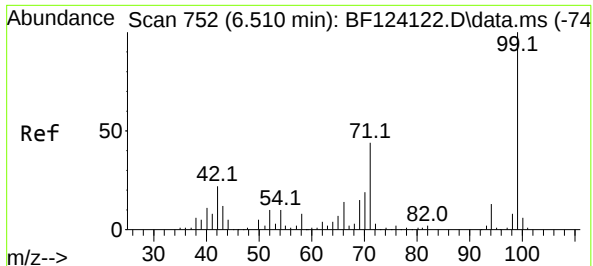
Tgt Ion:152 Resp: 33432
Ion Ratio Lower Upper
152 100
150 152.5 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 127.39 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion:112 Resp: 282927
Ion Ratio Lower Upper
112 100
64 78.2 61.4 92.0
63 43.2 33.0 49.4

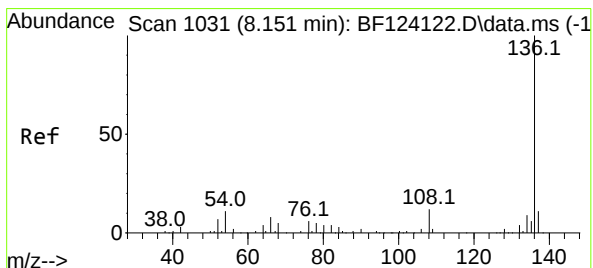
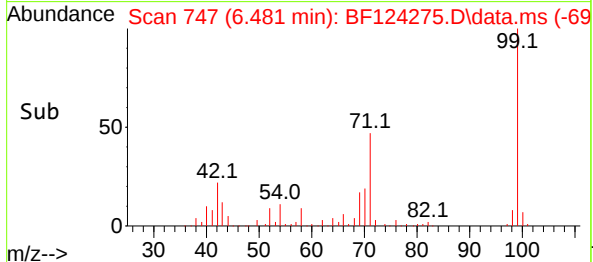
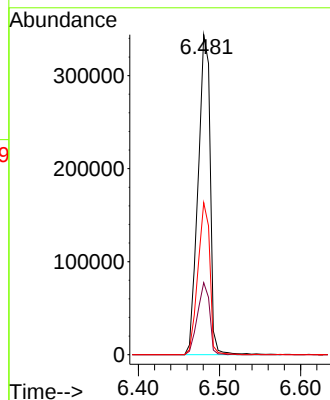
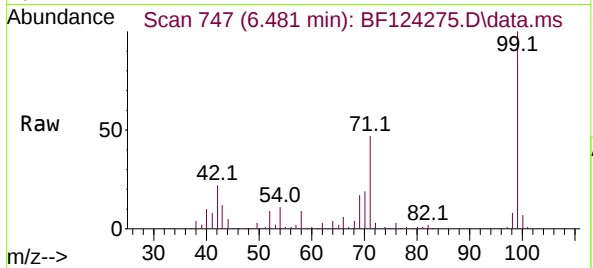




#7
Phenol-d6
Concen: 119.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

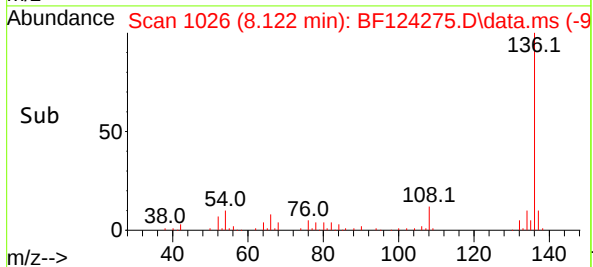
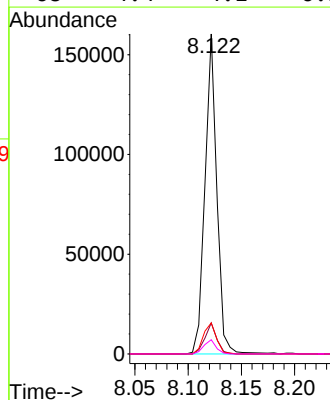
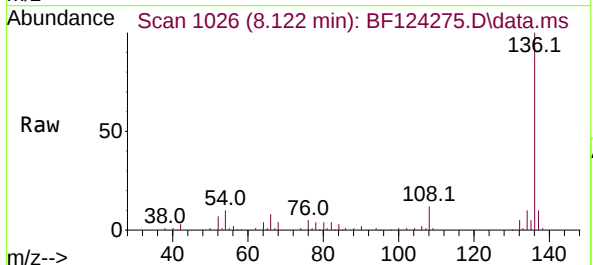
Instrument :
BNA_F
ClientSampleId :
18-B12(186-190)

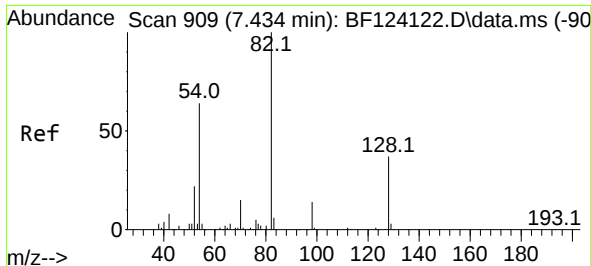
Tgt Ion: 99 Resp: 357670
Ion Ratio Lower Upper
99 100
42 22.5 19.8 29.8
71 47.5 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion: 136 Resp: 124379
Ion Ratio Lower Upper
136 100
137 9.7 8.7 13.1
54 9.7 9.8 14.6#
68 4.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.10 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124275.D

Acq: 11 Jun 2021 22:51

Instrument :

BNA_F

ClientSampleId :

18-B12(186-190)

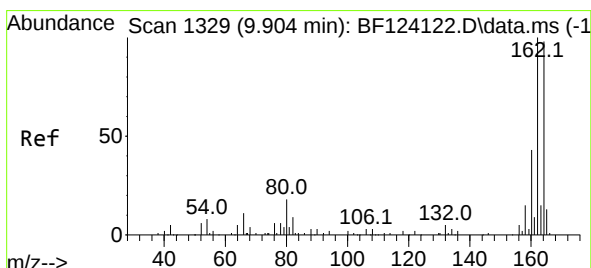
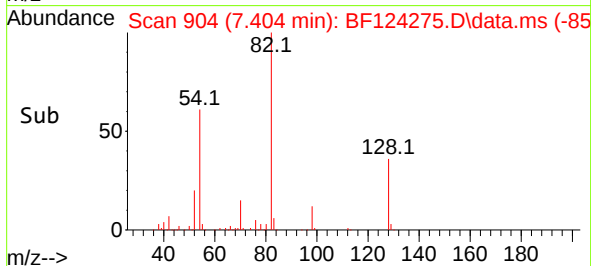
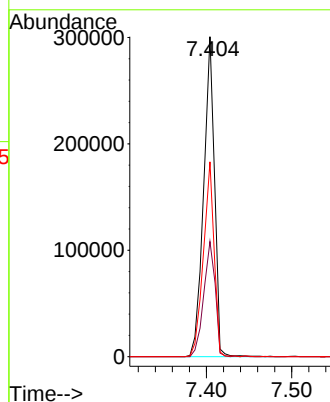
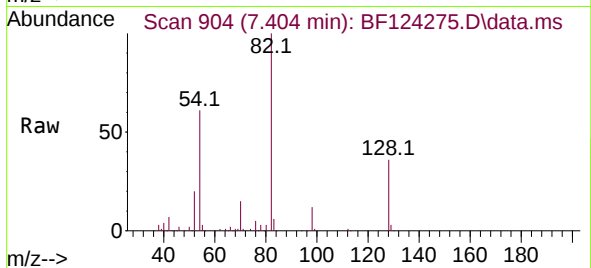
Tgt Ion: 82 Resp: 266886

Ion Ratio Lower Upper

82 100

128 36.0 29.4 44.2

54 60.9 54.1 81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF124275.D

Acq: 11 Jun 2021 22:51

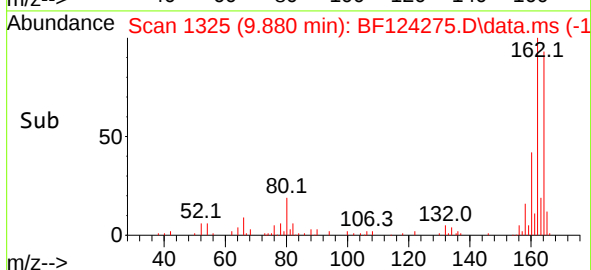
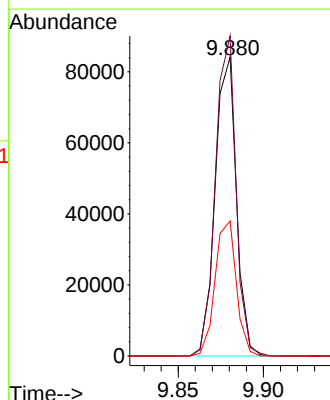
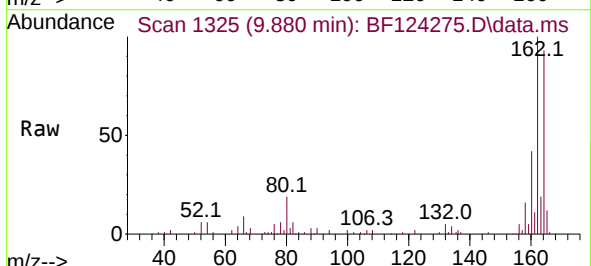
Tgt Ion:164 Resp: 73033

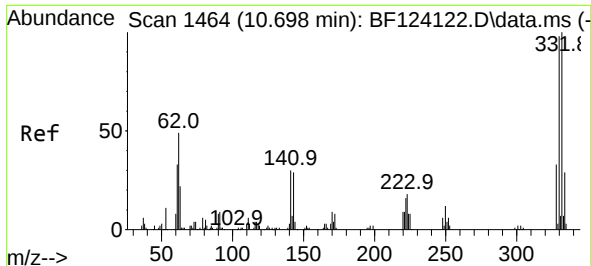
Ion Ratio Lower Upper

164 100

162 107.0 80.7 121.1

160 45.1 37.3 55.9

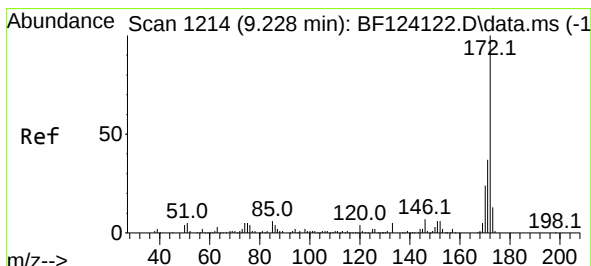
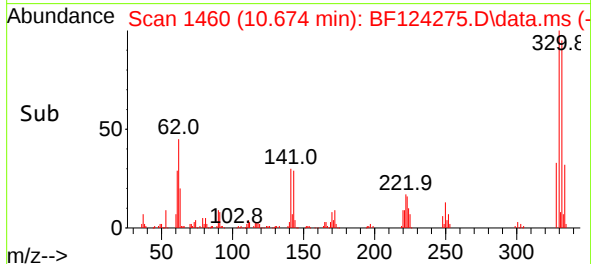
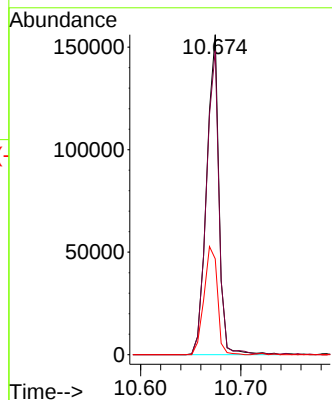
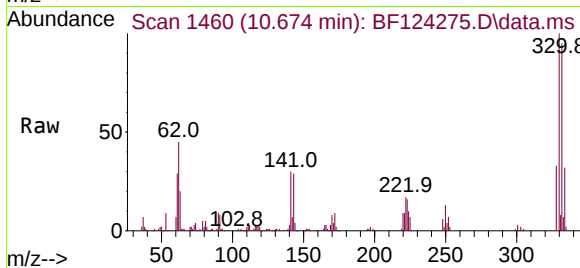




#42
2,4,6-Tribromophenol
Concen: 129.87 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

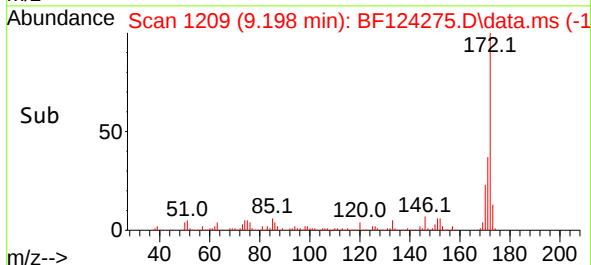
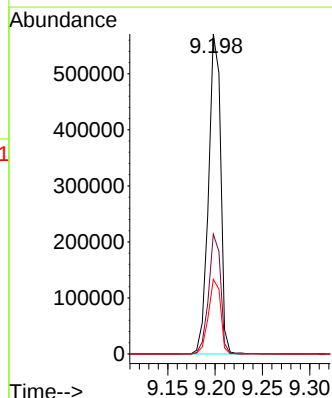
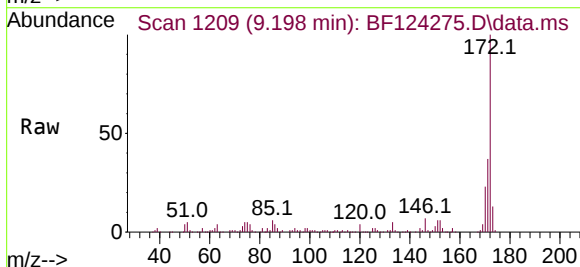
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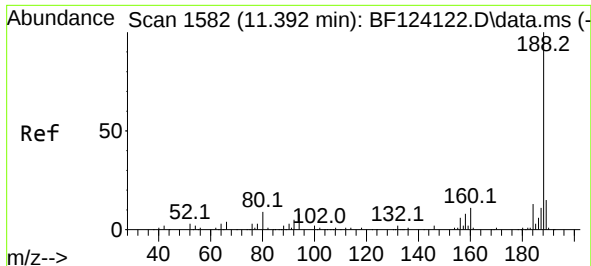
Tgt Ion: 330 Resp: 134378
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 36.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 87.27 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion: 172 Resp: 506491
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.3 19.2 28.8

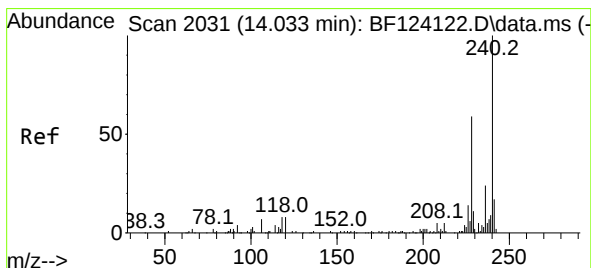
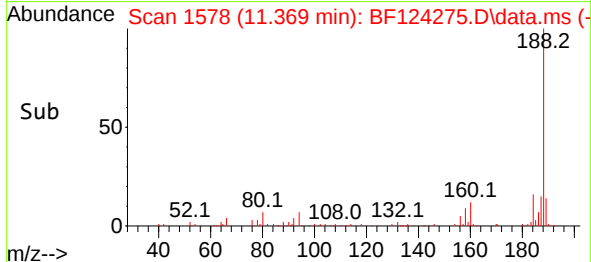
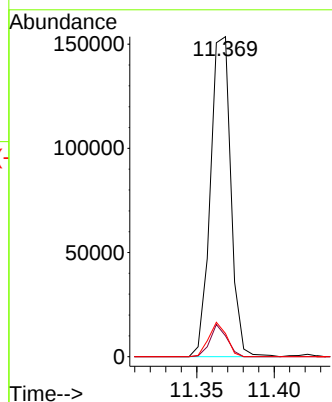
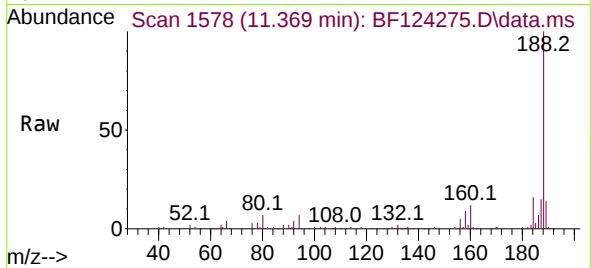




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

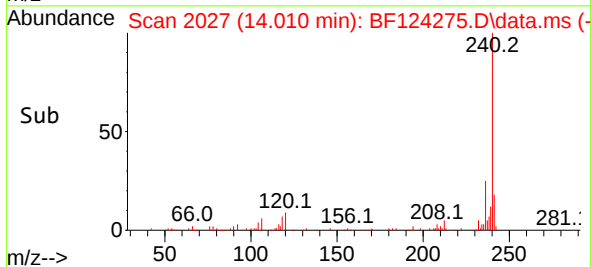
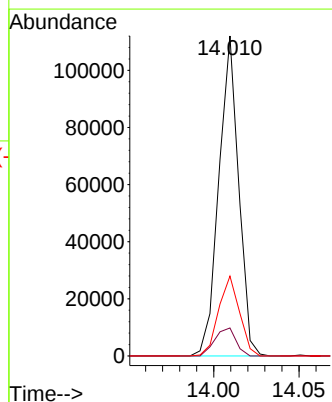
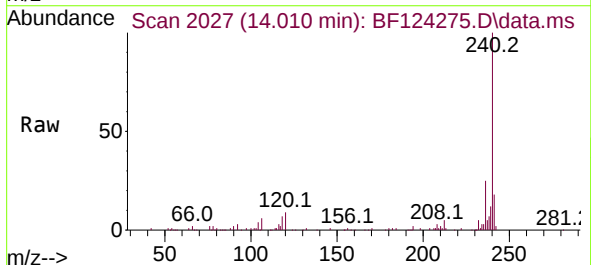
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18-B12(186-190)

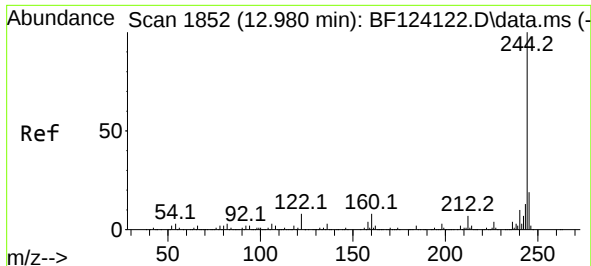
Tgt Ion:188 Resp: 140448
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.3 8.2 12.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion:240 Resp: 90477
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.9 19.0 28.4

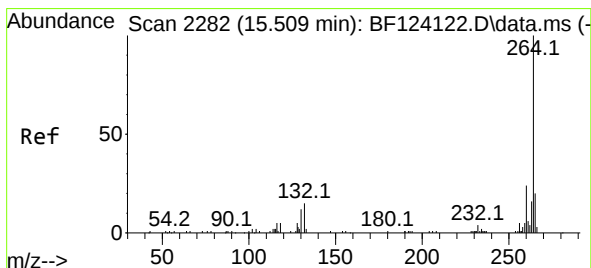
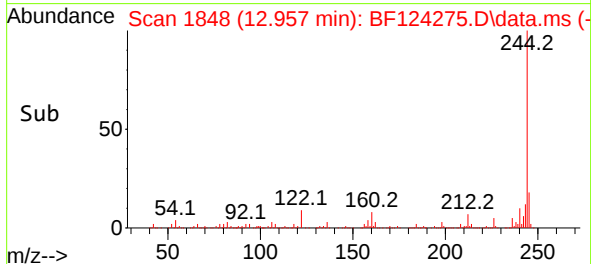
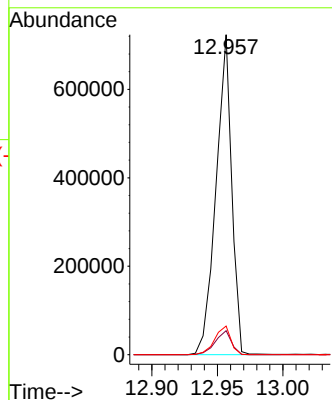
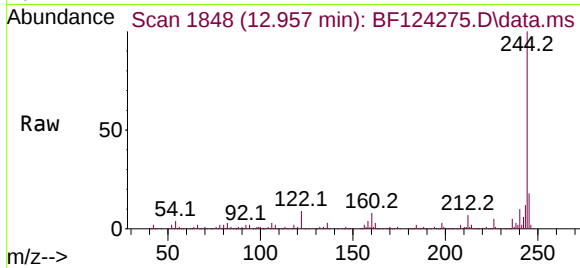




#79
Terphenyl-d14
Concen: 91.15 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Instrument :
BNA_F
ClientSampleId :
18-B12(186-190)

Tgt Ion:244 Resp: 600681
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.0 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF124275.D
Acq: 11 Jun 2021 22:51

Tgt Ion:264 Resp: 85119
Ion Ratio Lower Upper
264 100
260 22.7 18.7 28.1
265 19.9 17.8 26.8

