

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124264.D
 Acq On : 11 Jun 2021 16:55
 Operator : JU/CG
 Sample : M2625-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(166-170)

Quant Time: Jun 11 17:32:51 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	31739	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	118503	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	69569	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	133719	20.00	ng	# 0.00
76) Chrysene-d12	14.010	240	86383	20.00	ng	-0.01
86) Perylene-d12	15.486	264	79355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	246345	116.84	ng	-0.01
7) Phenol-d6	6.487	99	310957	109.72	ng	-0.01
23) Nitrobenzene-d5	7.404	82	232291	77.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	118351	120.08	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	425443	76.95	ng	-0.01
79) Terphenyl-d14	12.957	244	450806	71.65	ng	0.00

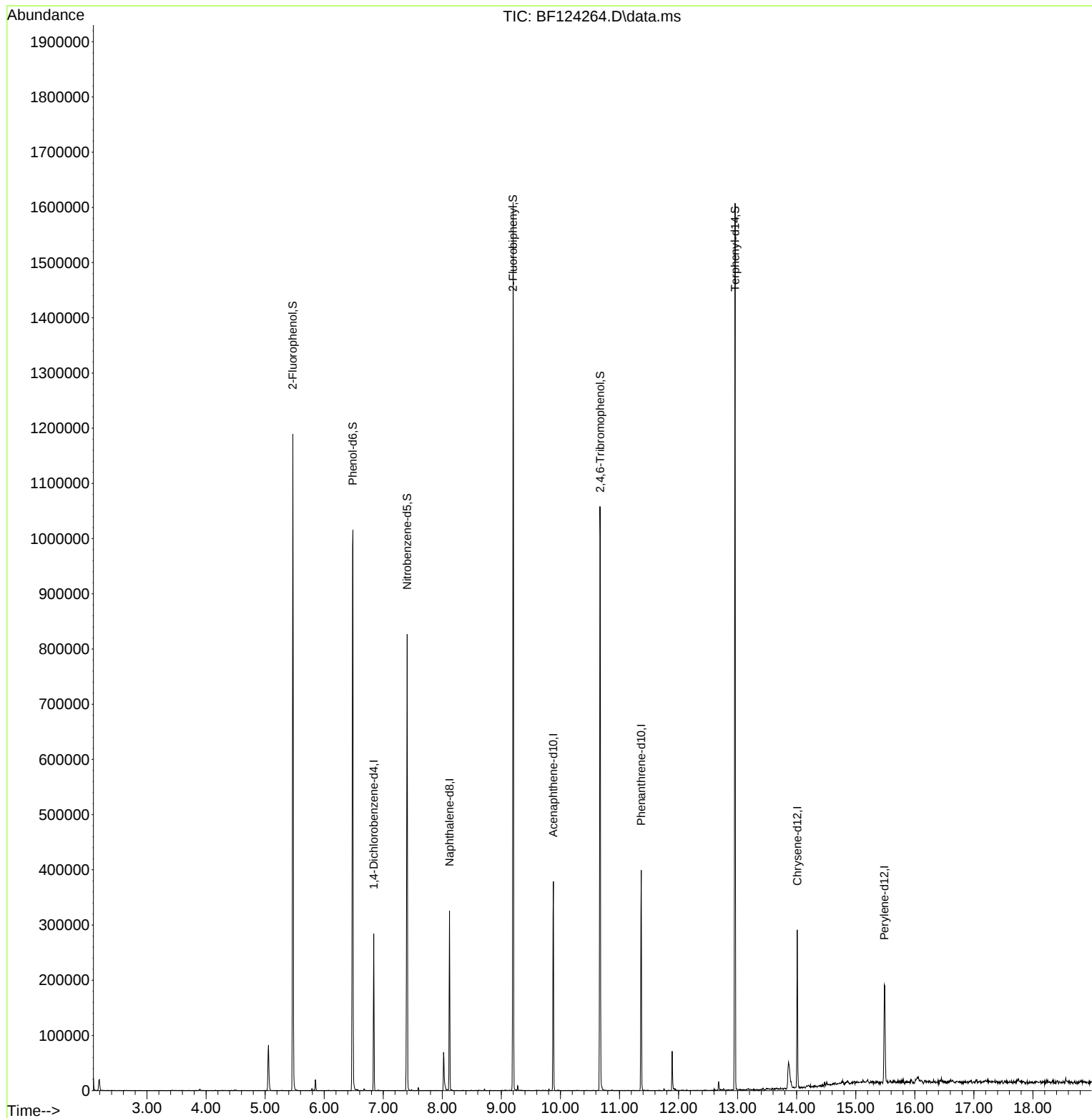
Target Compounds	Qvalue

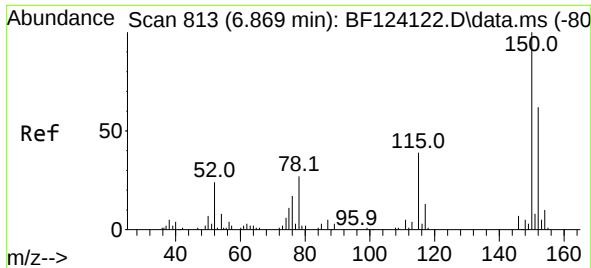
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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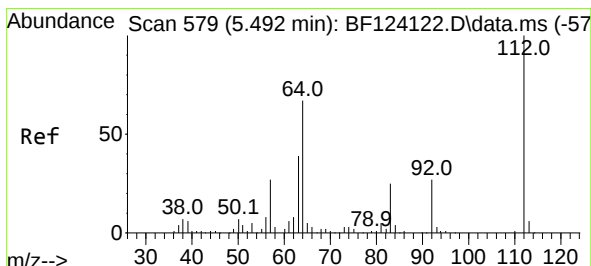
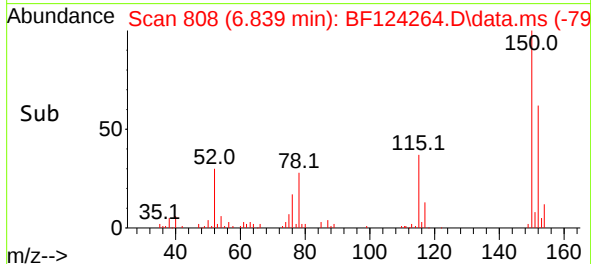
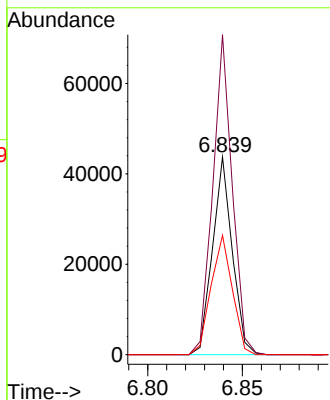
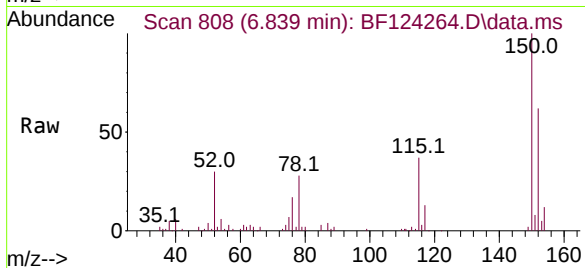




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

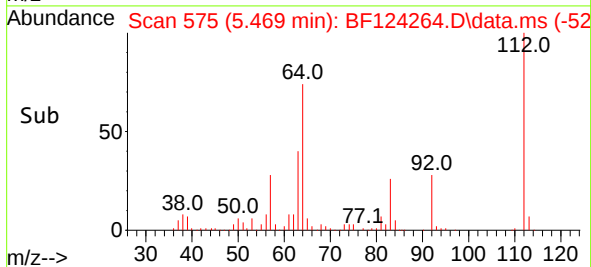
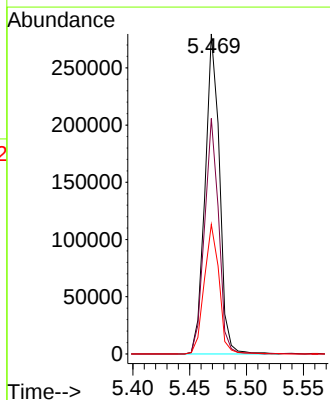
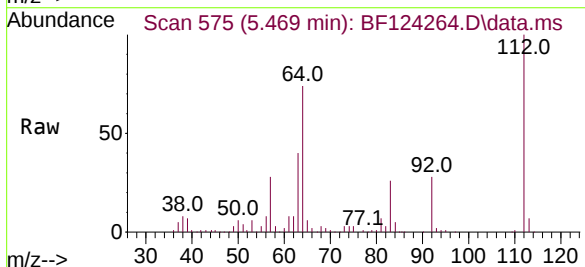
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

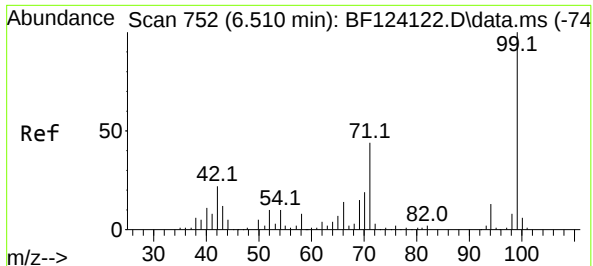
Tgt Ion:152 Resp: 31739
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 60.3 54.3 81.5



#5
2-Fluorophenol
Concen: 116.84 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion:112 Resp: 246345
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 40.4 33.0 49.4

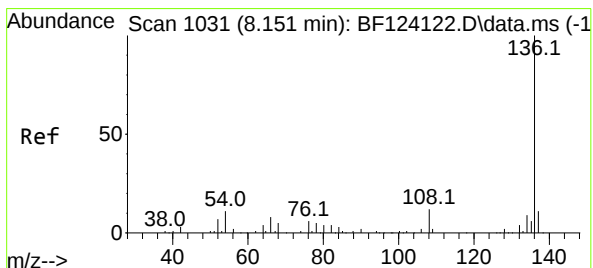
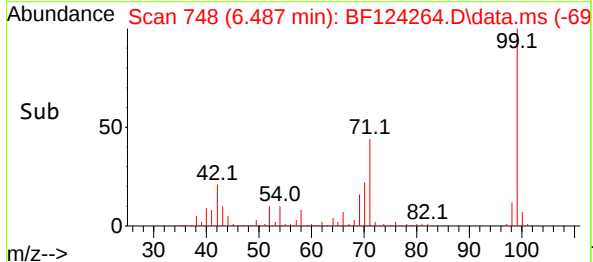
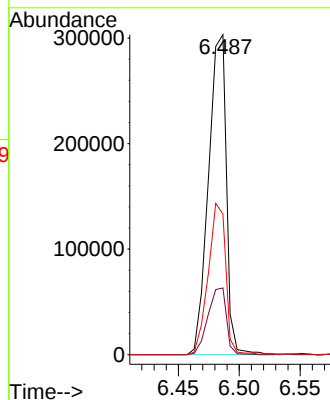
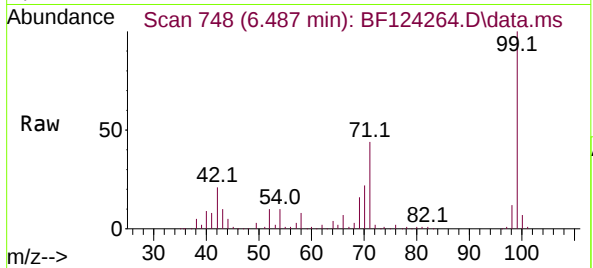




#7
Phenol-d6
Concen: 109.72 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

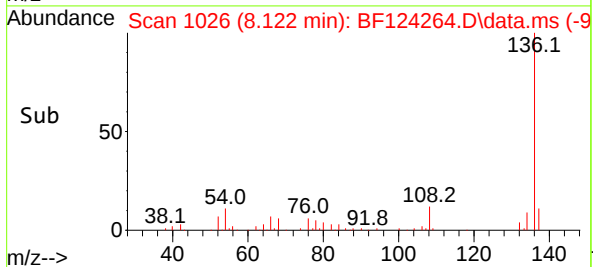
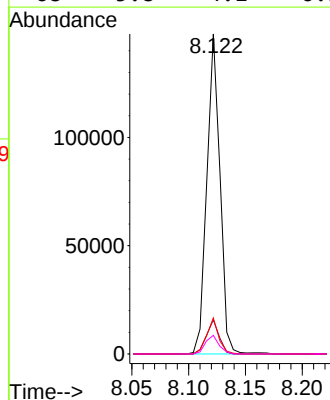
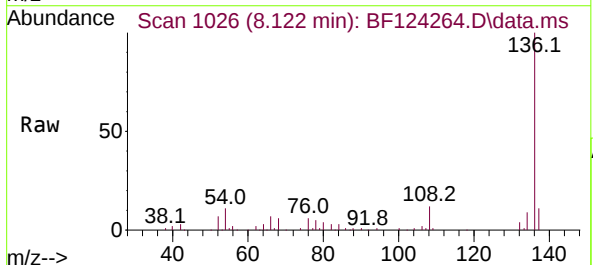
Instrument :
BNA_F
ClientSampleId :
18-B12(166-170)

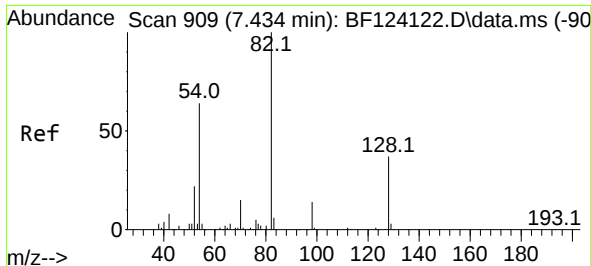
Tgt Ion: 99 Resp: 310957
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 43.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion: 136 Resp: 118503
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 11.3 9.8 14.6
68 5.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.74 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124264.D

Acq: 11 Jun 2021 16:55

Instrument :

BNA_F

ClientSampleId :

18-B12(166-170)

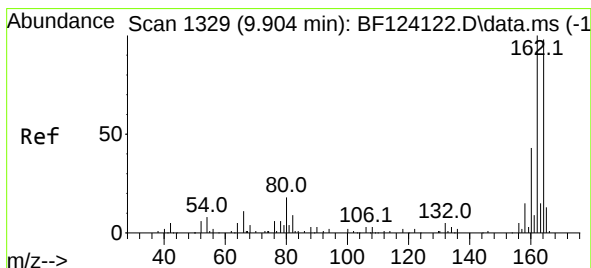
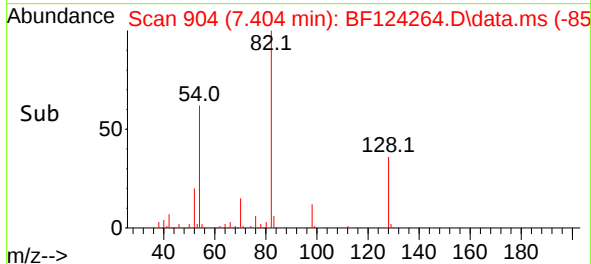
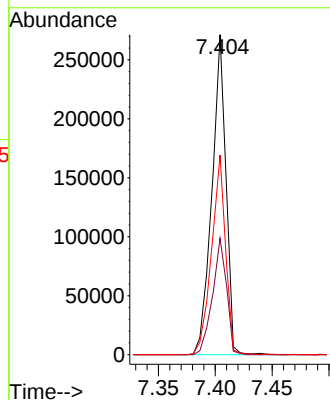
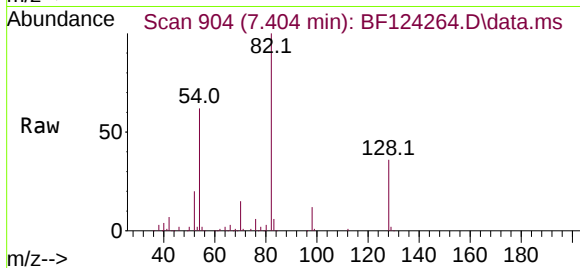
Tgt Ion: 82 Resp: 232291

Ion Ratio Lower Upper

82 100

128 36.4 29.4 44.2

54 62.4 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: BF124264.D

Acq: 11 Jun 2021 16:55

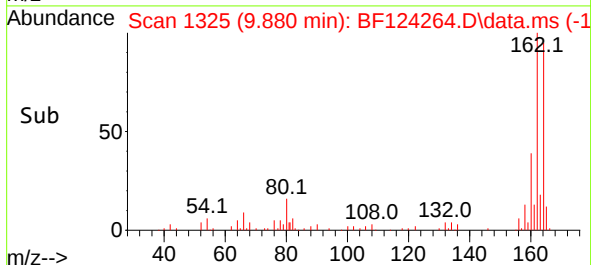
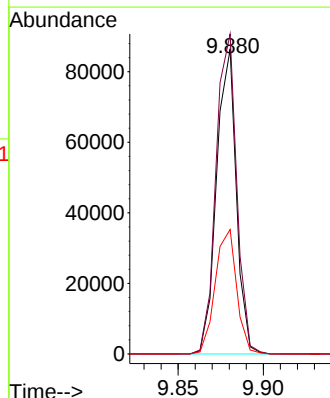
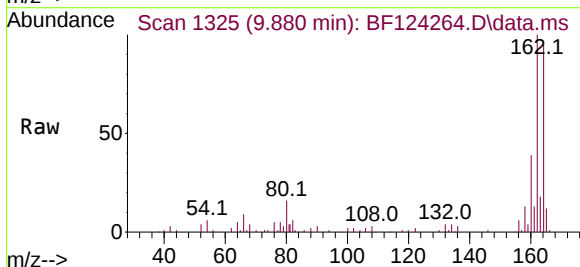
Tgt Ion: 164 Resp: 69569

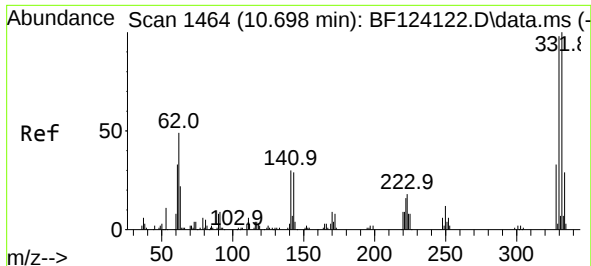
Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

160 40.8 37.3 55.9

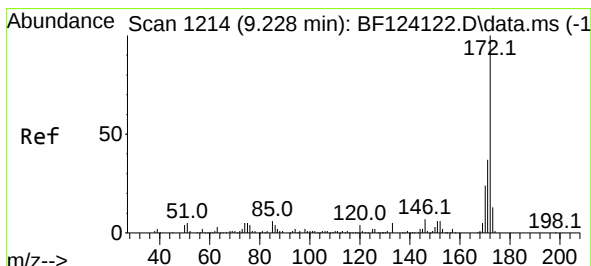
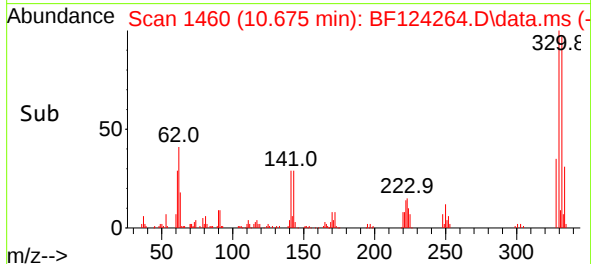
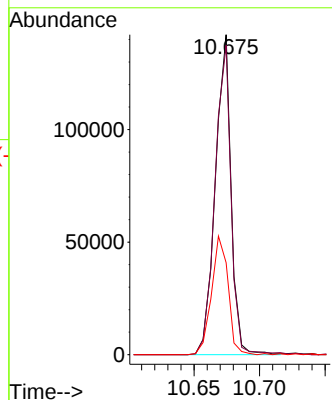
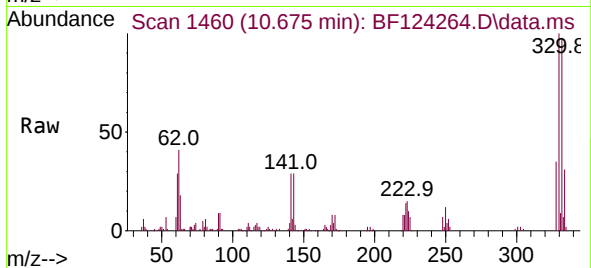




#42
2,4,6-Tribromophenol
Concen: 120.08 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

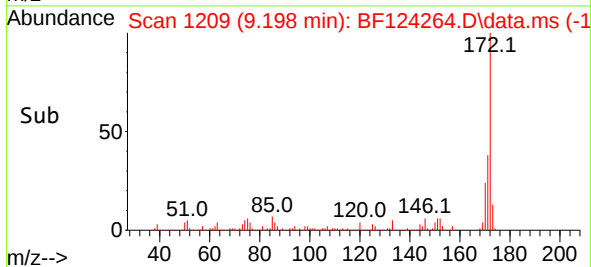
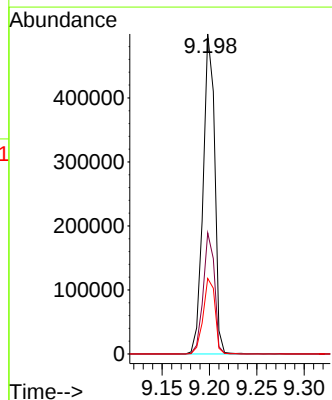
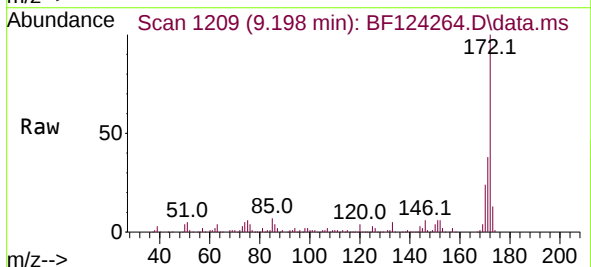
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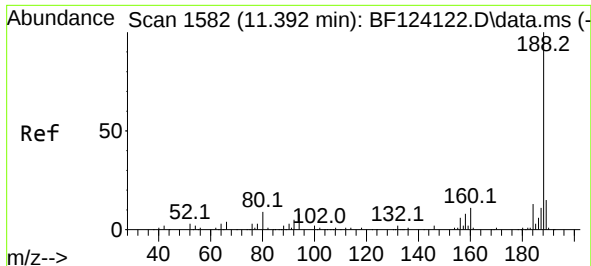
Tgt Ion: 330 Resp: 118351
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 39.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 76.95 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion: 172 Resp: 425443
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 23.6 19.2 28.8

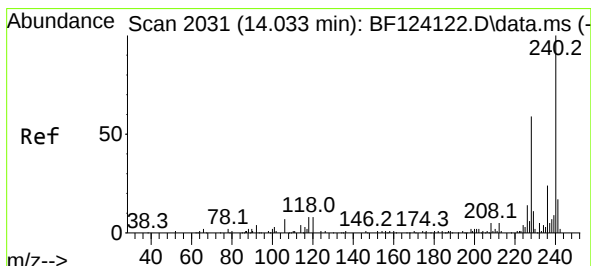
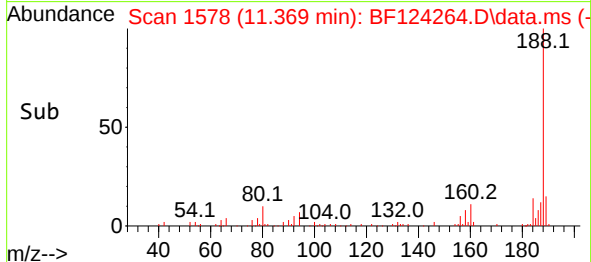
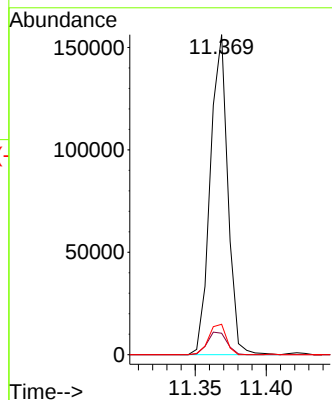
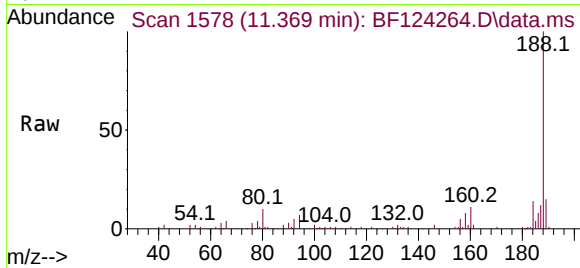




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

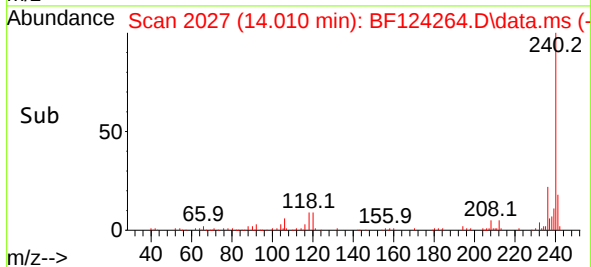
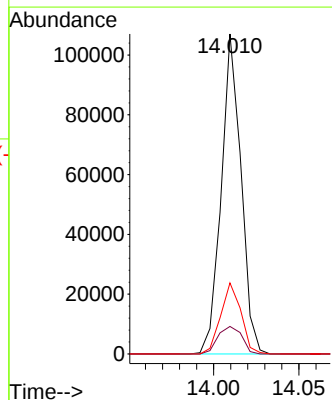
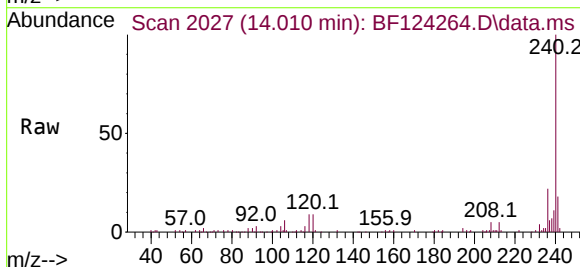
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18-B12(166-170)

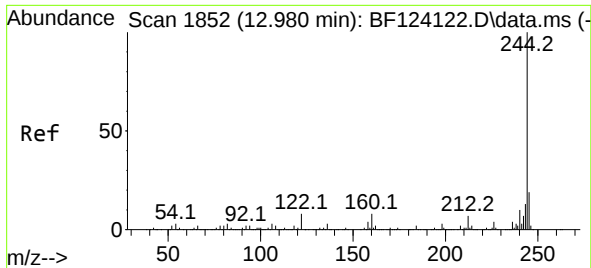
Tgt Ion:188 Resp: 133719
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 9.5 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124264.D
Acq: 11 Jun 2021 16:55

Tgt Ion:240 Resp: 86383
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 22.2 19.0 28.4

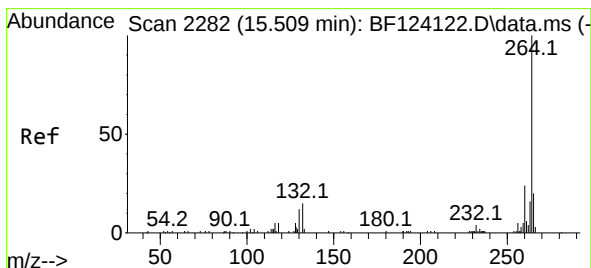
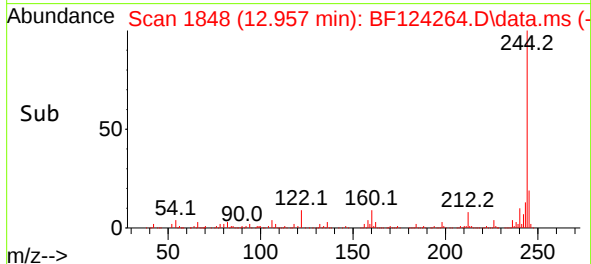
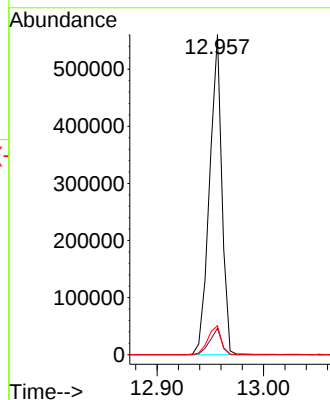
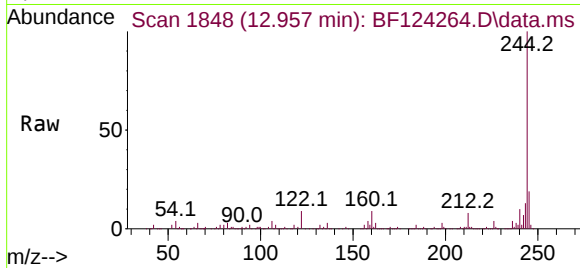




#79
 Terphenyl-d14
 Concen: 71.65 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF124264.D
 Acq: 11 Jun 2021 16:55

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(166-170)

Tgt Ion:244 Resp: 450806
 Ion Ratio Lower Upper
 244 100
 212 8.2 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: BF124264.D
 Acq: 11 Jun 2021 16:55

Tgt Ion:264 Resp: 79355
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.7 28.1
 265 23.6 17.8 26.8

