

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124271.D
 Acq On : 11 Jun 2021 20:43
 Operator : JU/CG
 Sample : M2625-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(178-182)

Quant Time: Jun 11 23:46:54 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	31695	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	119184	20.00	ng	-0.01
39) Acenaphthene-d10	9.880	164	73806	20.00	ng	-0.01
64) Phenanthrene-d10	11.369	188	137914	20.00	ng	0.00
76) Chrysene-d12	14.010	240	93285	20.00	ng	-0.01
86) Perylene-d12	15.486	264	85669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	206861	98.25	ng	-0.01
7) Phenol-d6	6.481	99	263338	93.05	ng	-0.02
23) Nitrobenzene-d5	7.404	82	204417	68.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	101221	96.80	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	367638	62.68	ng	-0.01
79) Terphenyl-d14	12.957	244	415499	61.15	ng	0.00

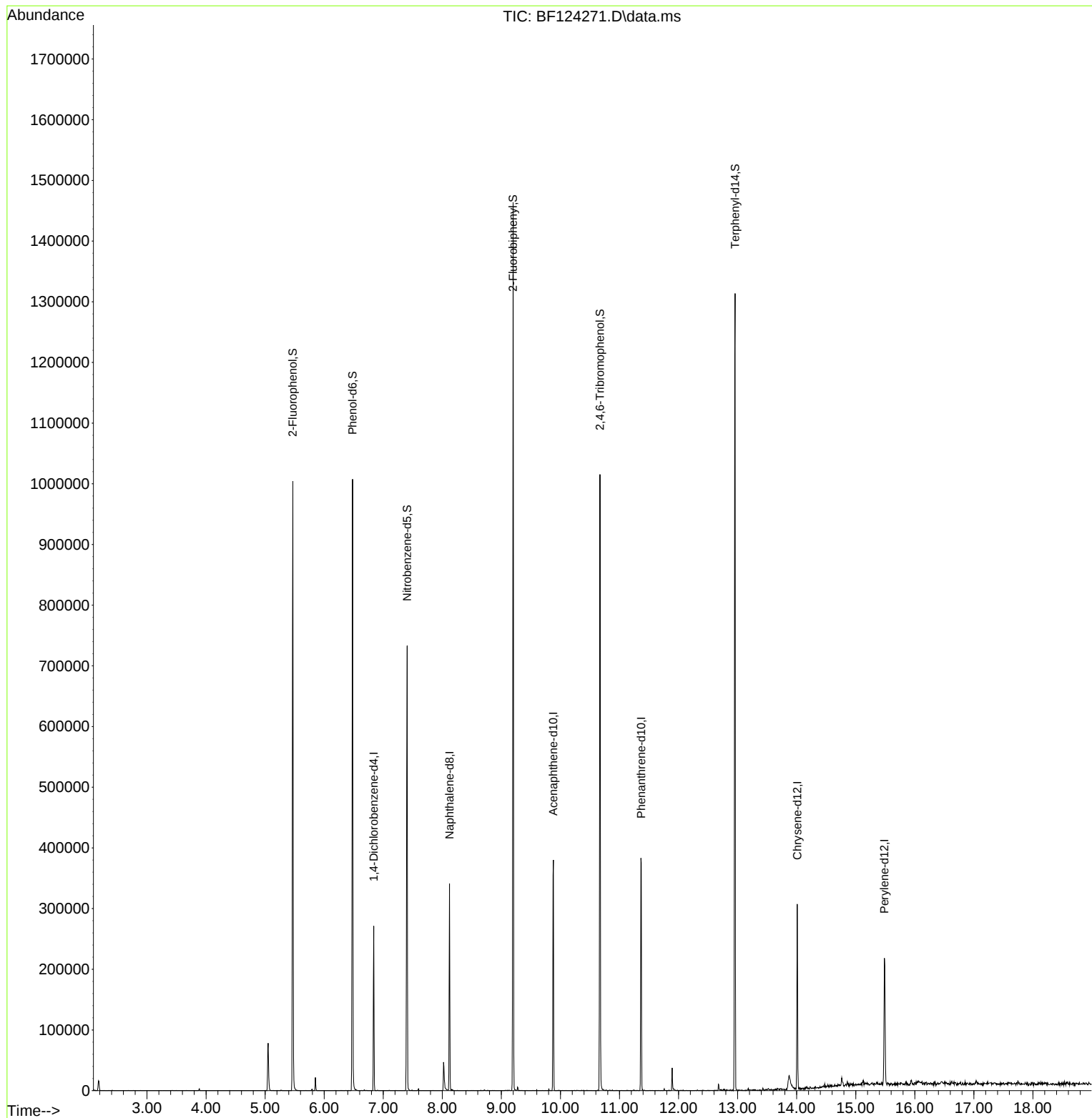
Target Compounds	Qvalue

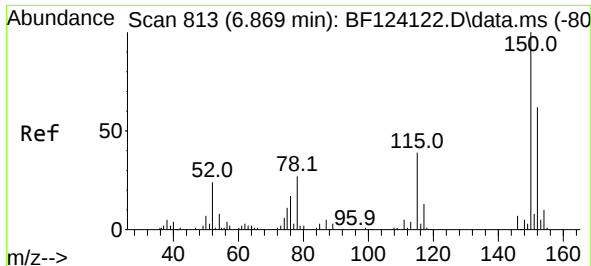
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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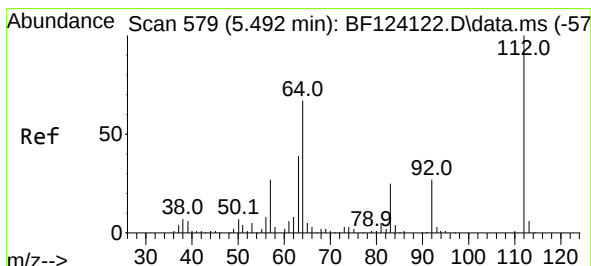
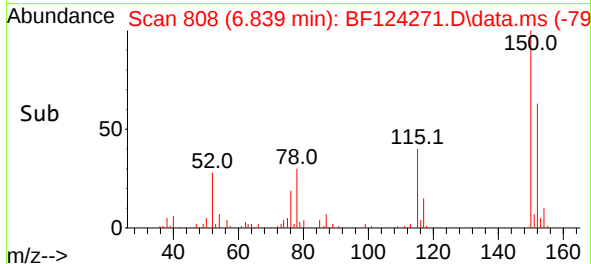
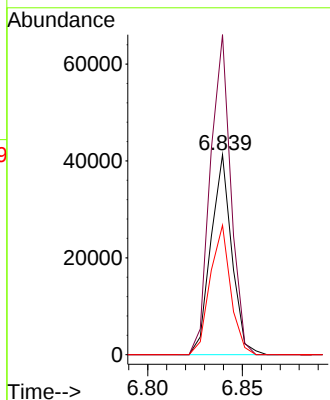
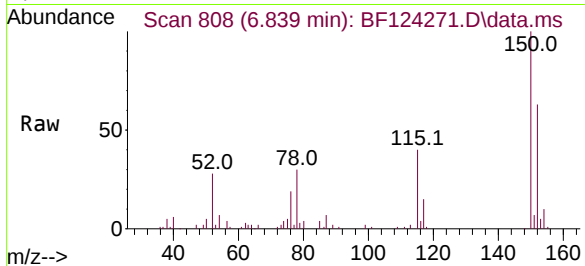




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

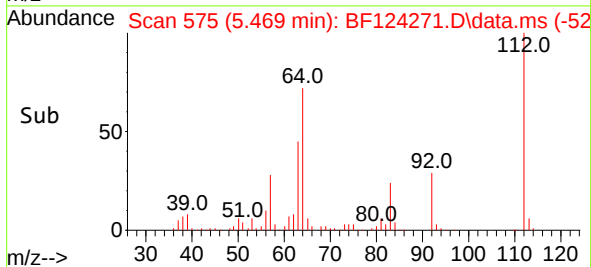
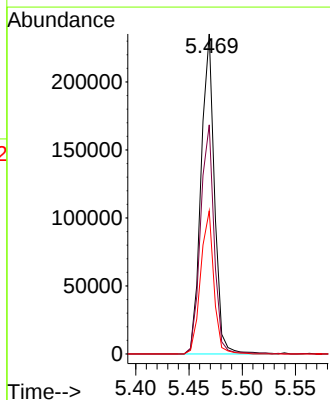
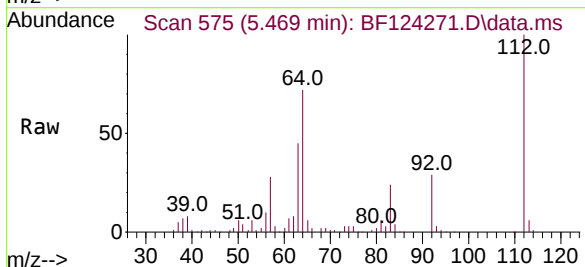
Instrument :
BNA_F
ClientSampleId :
18-B12(178-182)

Tgt Ion:152 Resp: 31695
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 64.7 54.3 81.5



#5
2-Fluorophenol
Concen: 98.25 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion:112 Resp: 206861
Ion Ratio Lower Upper
112 100
64 71.6 61.4 92.0
63 44.7 33.0 49.4

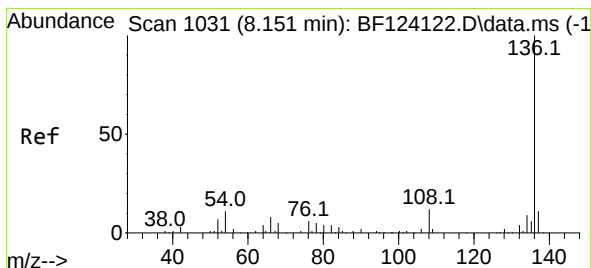
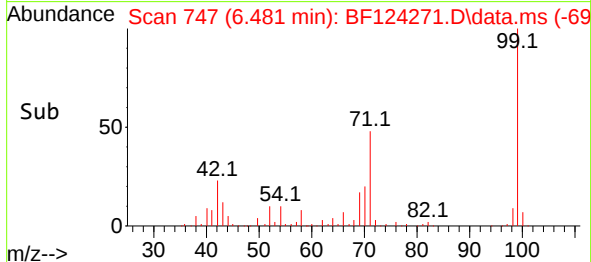
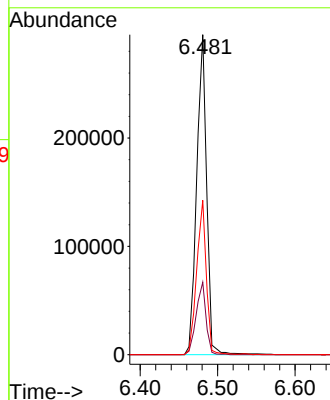
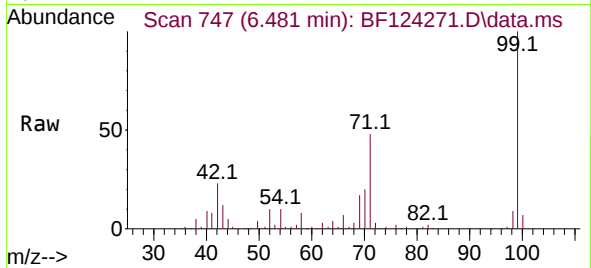




#7
Phenol-d6
Concen: 93.05 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

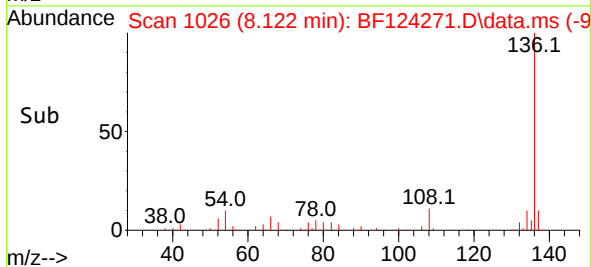
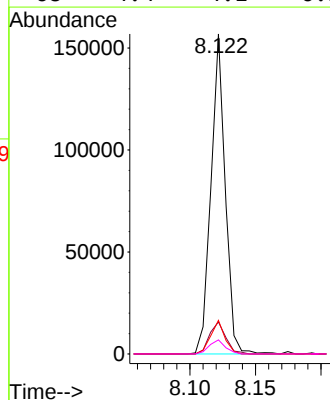
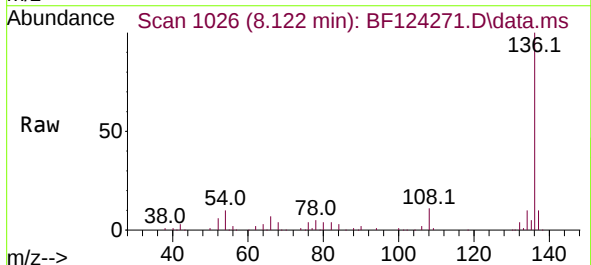
Instrument :
BNA_F
ClientSampleId :
18-B12(178-182)

Tgt Ion: 99 Resp: 263338
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 48.3 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: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion: 136 Resp: 119184
Ion Ratio Lower Upper
136 100
137 10.0 8.7 13.1
54 10.5 9.8 14.6
68 4.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 68.02 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124271.D

Acq: 11 Jun 2021 20:43

Instrument :

BNA_F

ClientSampleId :

18-B12(178-182)

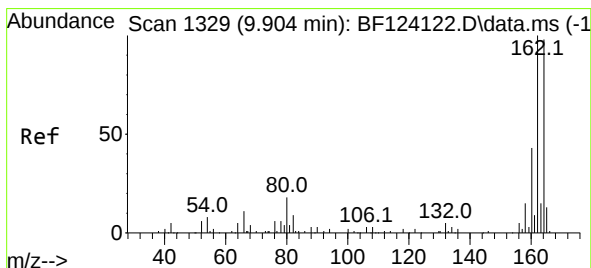
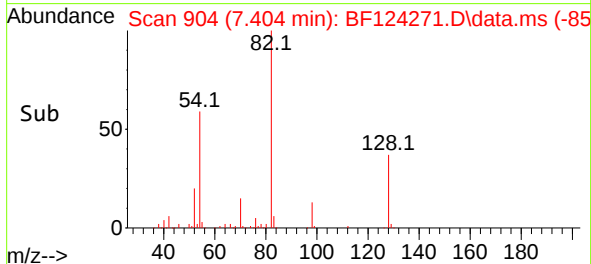
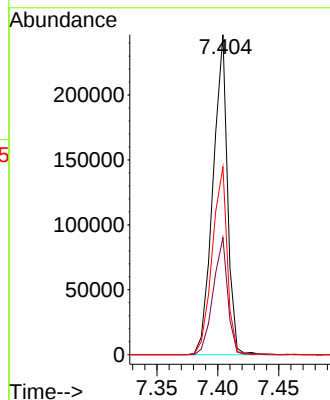
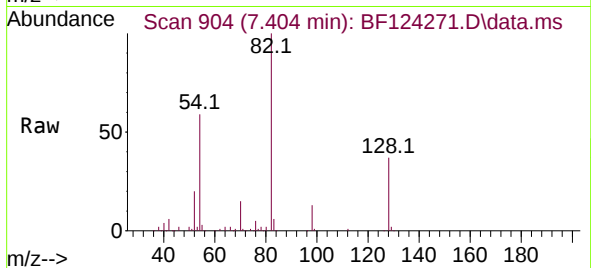
Tgt Ion: 82 Resp: 204417

Ion Ratio Lower Upper

82 100

128 36.6 29.4 44.2

54 58.7 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: BF124271.D

Acq: 11 Jun 2021 20:43

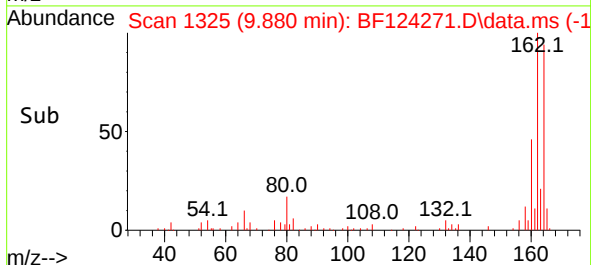
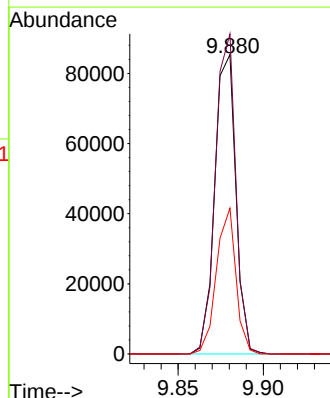
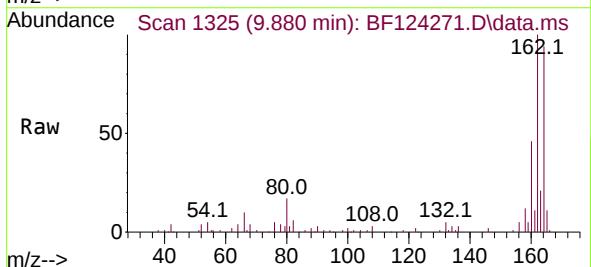
Tgt Ion: 164 Resp: 73806

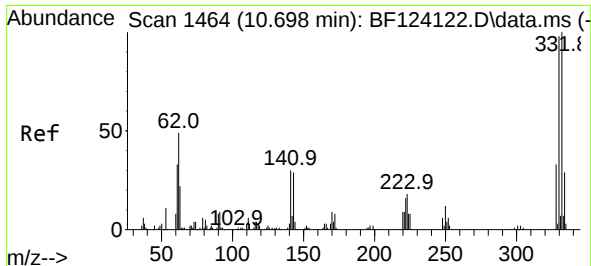
Ion Ratio Lower Upper

164 100

162 106.9 80.7 121.1

160 48.7 37.3 55.9

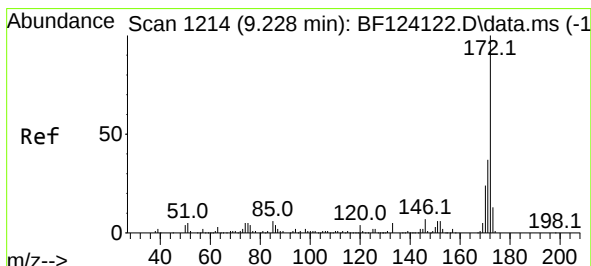
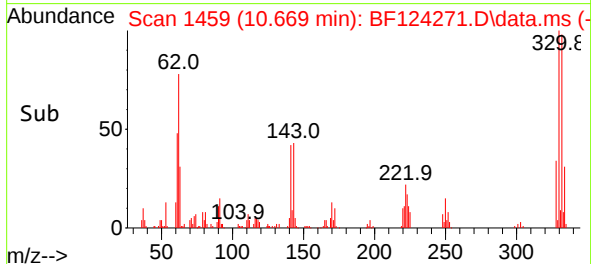
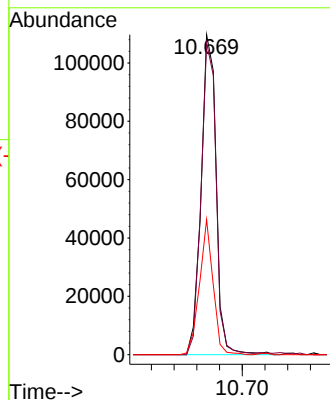
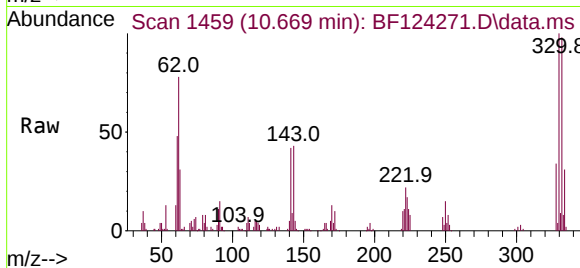




#42
2,4,6-Tribromophenol
Concen: 96.80 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

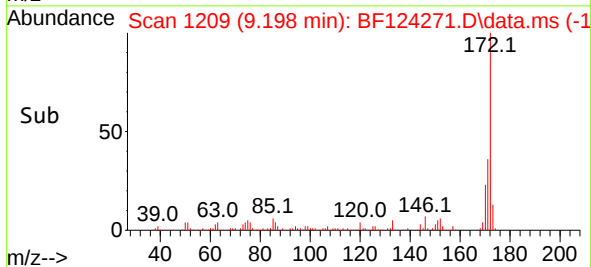
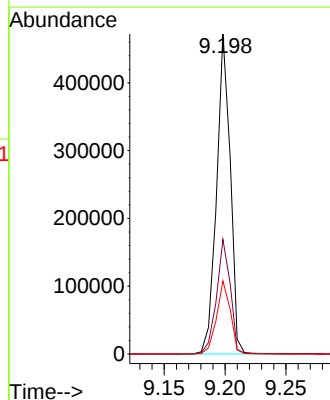
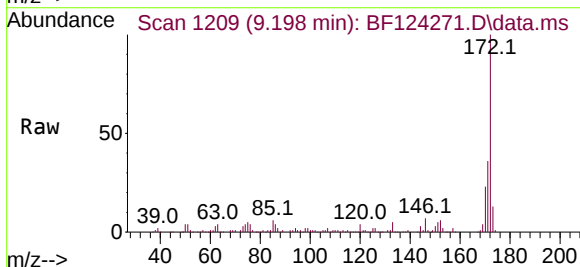
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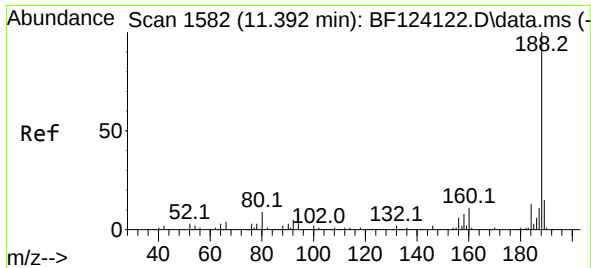
Tgt Ion: 330 Resp: 101221
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 38.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 62.68 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion: 172 Resp: 367638
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 22.8 19.2 28.8

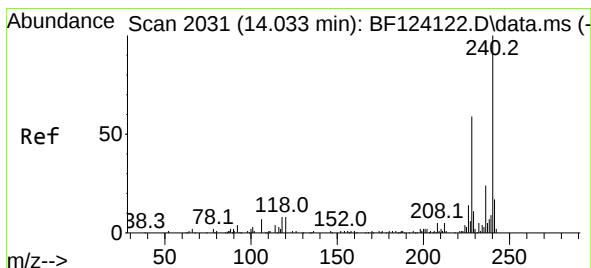
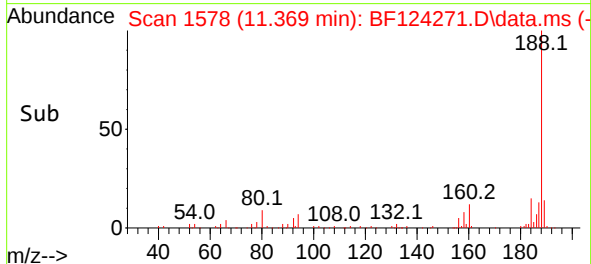
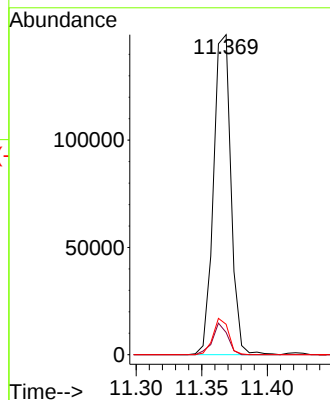
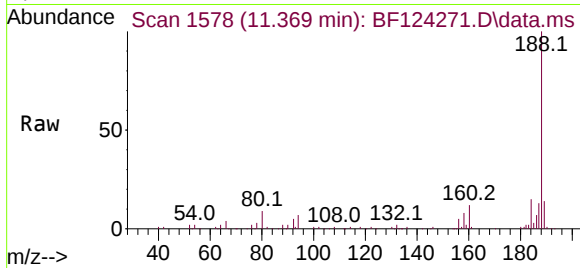




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

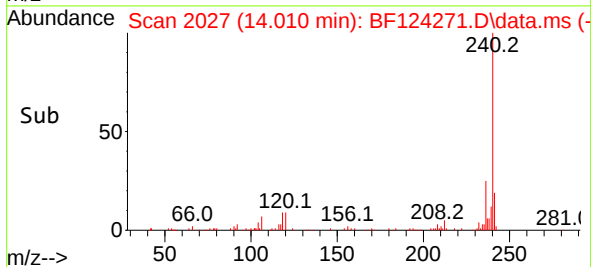
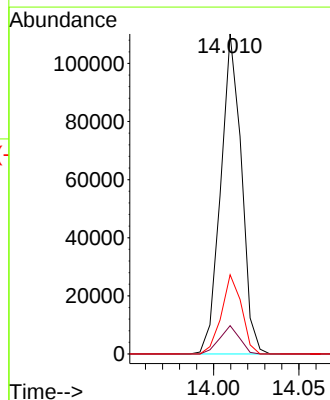
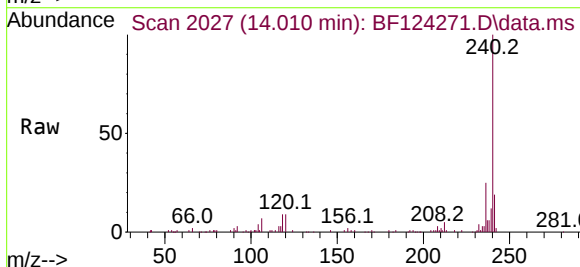
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18-B12(178-182)

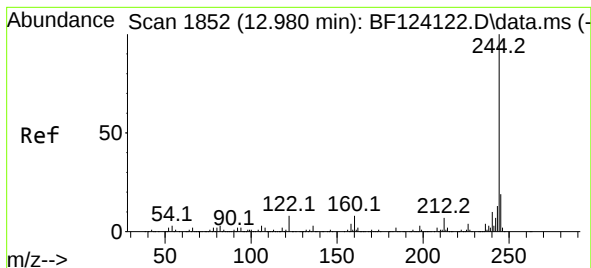
Tgt Ion:188 Resp: 137914
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 9.5 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124271.D
Acq: 11 Jun 2021 20:43

Tgt Ion:240 Resp: 93285
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 24.8 19.0 28.4





#79

Terphenyl-d14

Concen: 61.15 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF124271.D

Acq: 11 Jun 2021 20:43

Tgt Ion:244 Resp: 415499

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

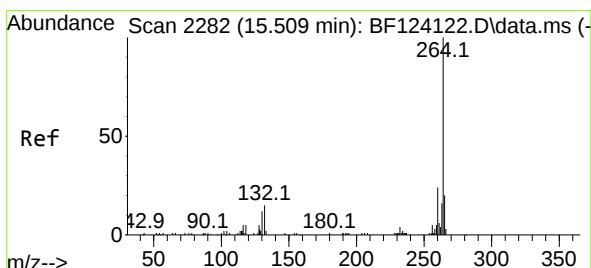
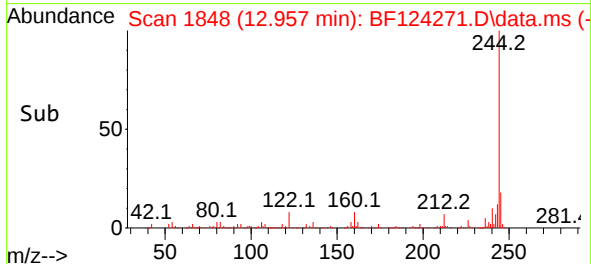
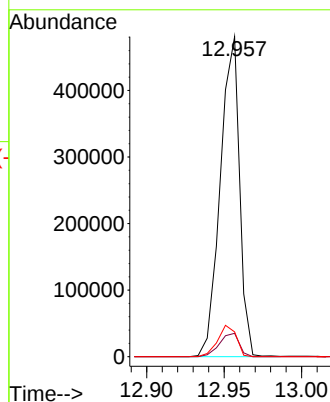
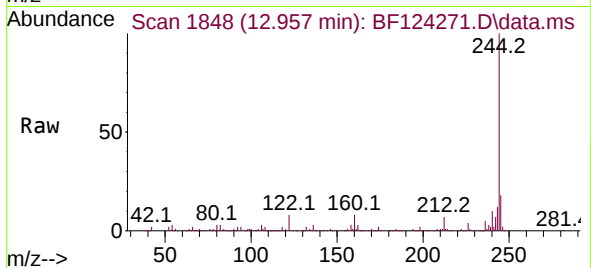
122 7.8 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

18-B12(178-182)



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF124271.D

Acq: 11 Jun 2021 20:43

Tgt Ion:264 Resp: 85669

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 19.9 17.8 26.8

