

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119955.D
 Acq On : 14 Apr 2020 16:12
 Operator : MA/SJ
 Sample : L2244-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Quant Time: Apr 14 17:05:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	219629	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	850009	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	445241	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	876666	20.00	ng	0.00
76) Chrysene-d12	13.90	240	653602	20.00	ng	-0.01
87) Perylene-d12	15.32	264	512086	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1792003	141.01	ng	0.02
7) Phenol-d6	6.37	99	2085971	127.38	ng	0.00
23) Nitrobenzene-d5	7.30	82	1583159	96.35	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	687523	126.12	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2904085	92.61	ng	0.00
79) Terphenyl-d14	12.86	244	3178579	81.83	ng	0.00

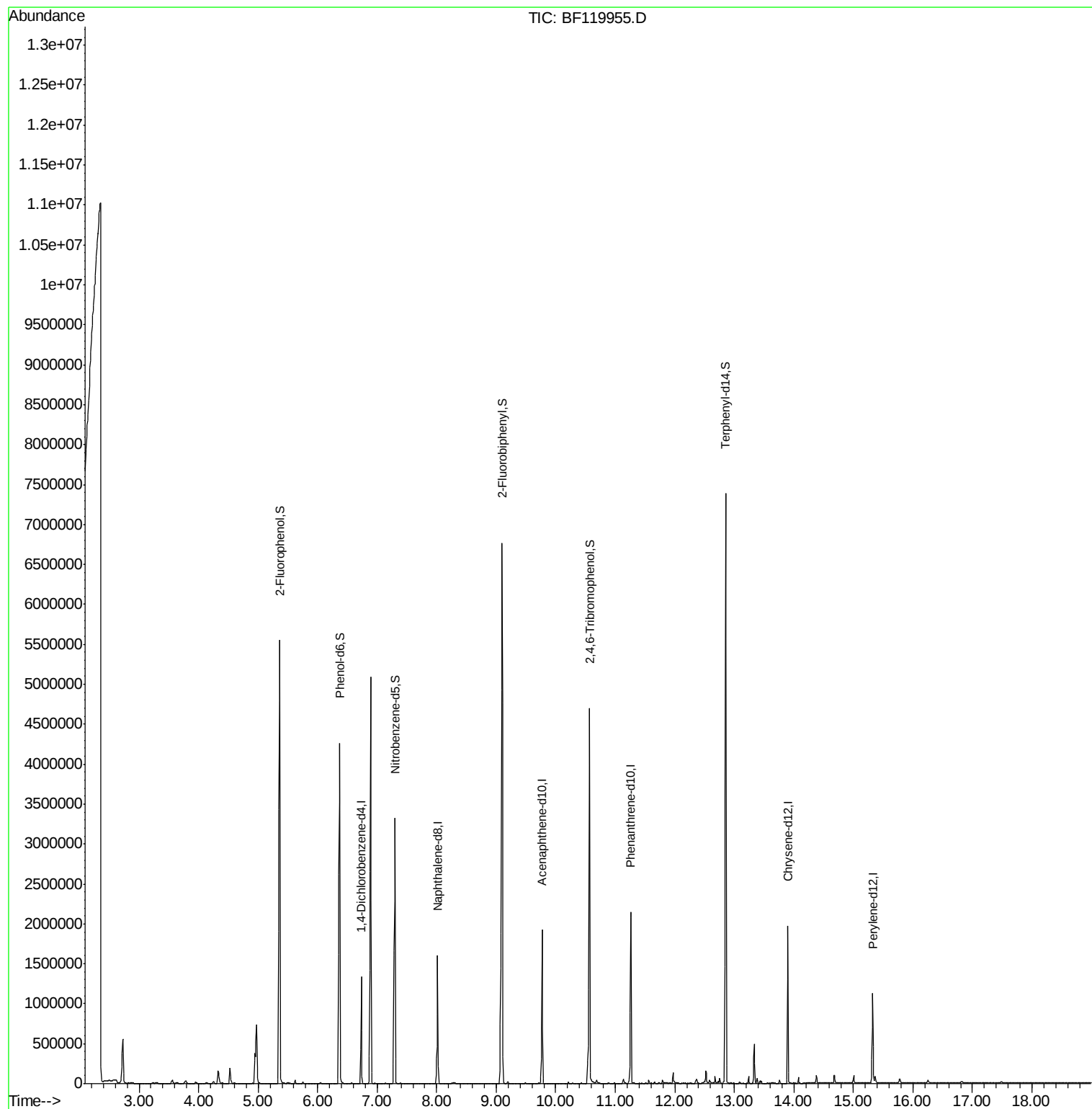
Target Compounds Qvalue

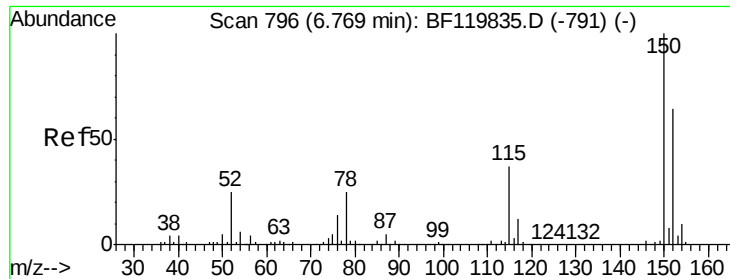
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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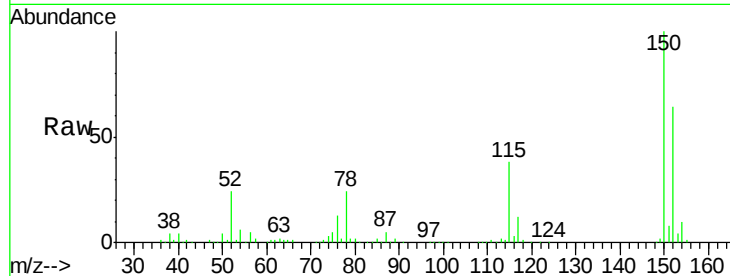


#1

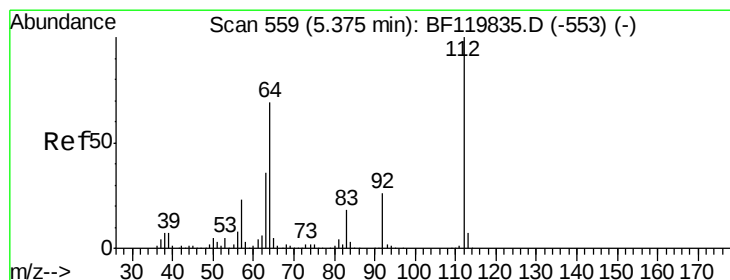
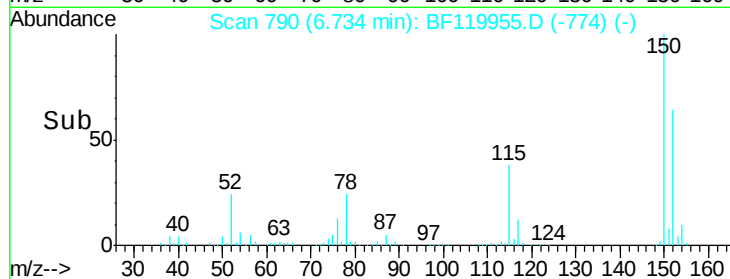
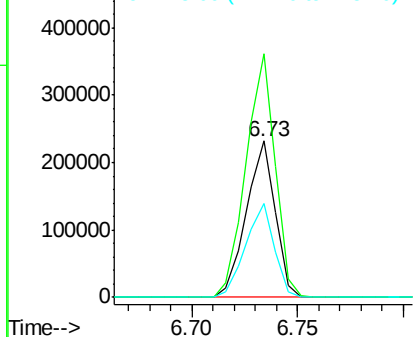
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:152 Resp: 219629
Ion Ratio Lower Upper
152 100
150 155.9 124.8 187.2
115 59.7 46.5 69.7



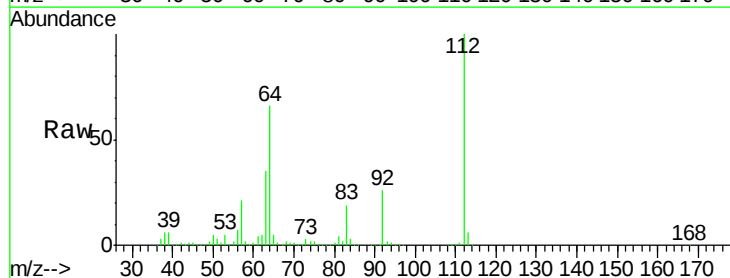
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



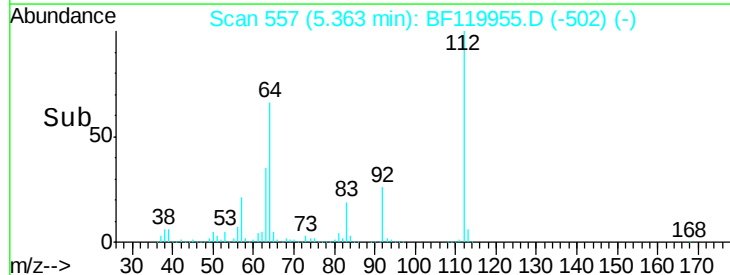
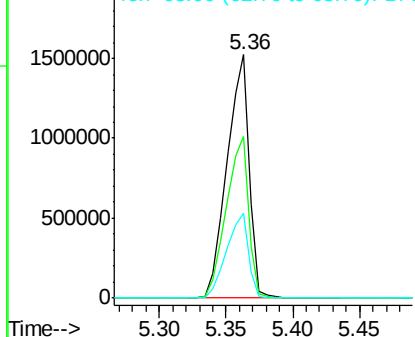
#5

2-Fluorophenol
Concen: 141.006 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Tgt Ion:112 Resp: 1792003
Ion Ratio Lower Upper
112 100
64 66.5 55.5 83.3
63 34.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 127.382 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

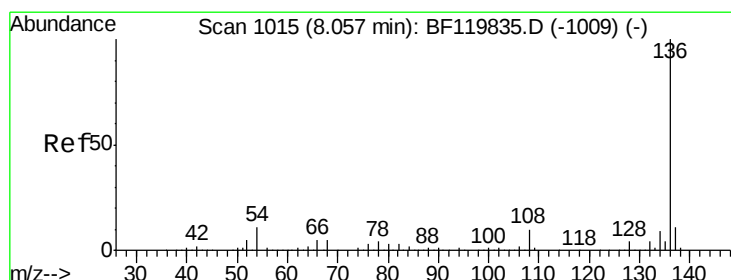
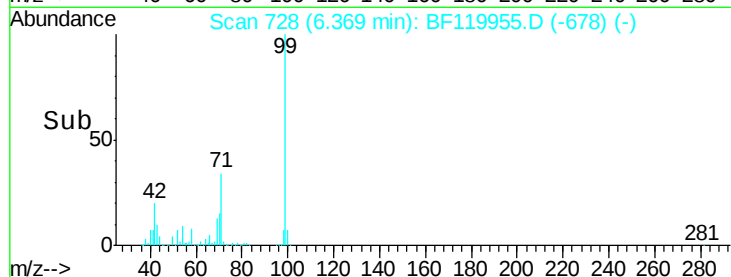
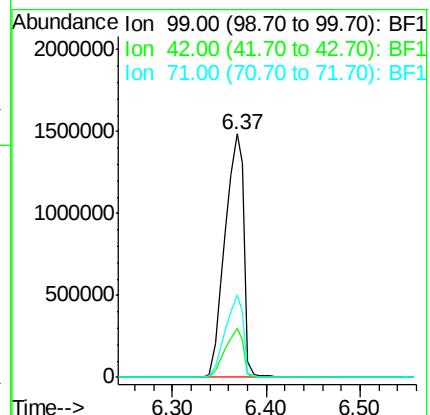
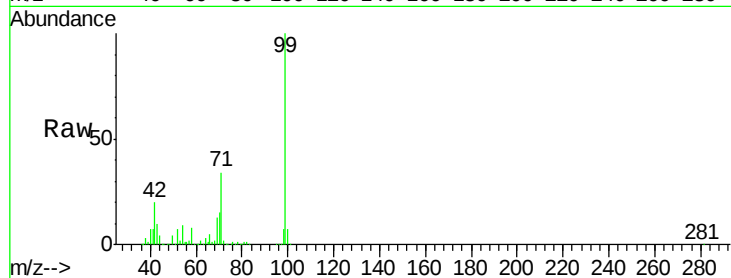
Tot Ion: 99 Resp: 2085971

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 33.9 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

Tgt Ion: 136 Resp: 850009

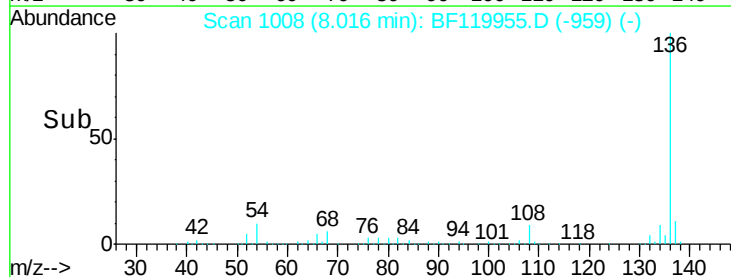
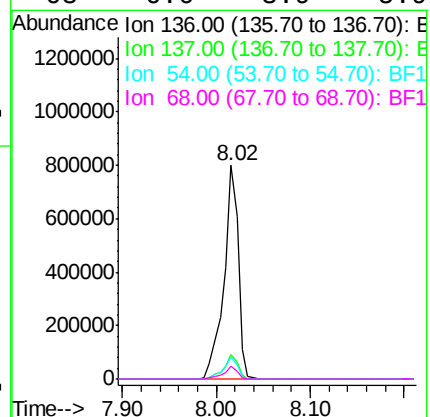
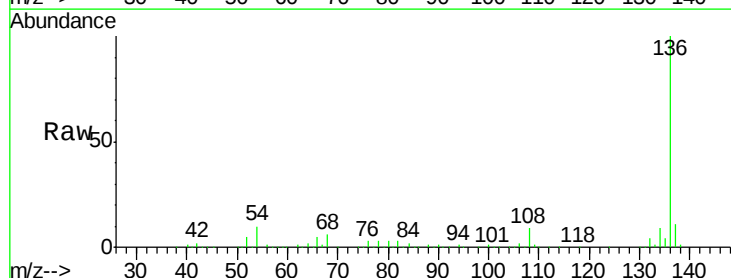
Ion Ratio Lower Upper

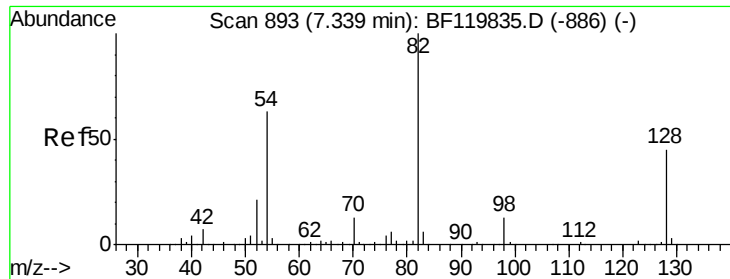
136 100

137 11.2 8.7 13.1

54 10.2 8.5 12.7

68 6.0 3.9 5.9#

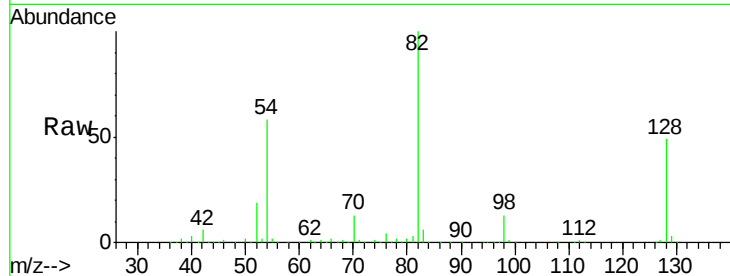




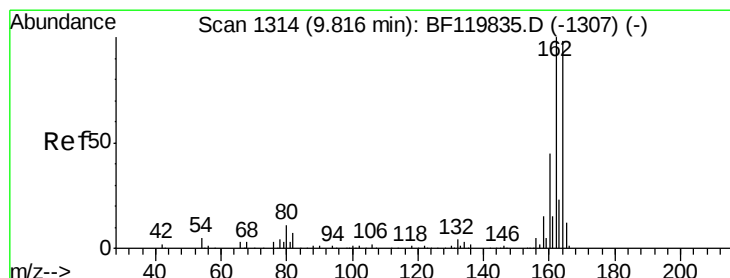
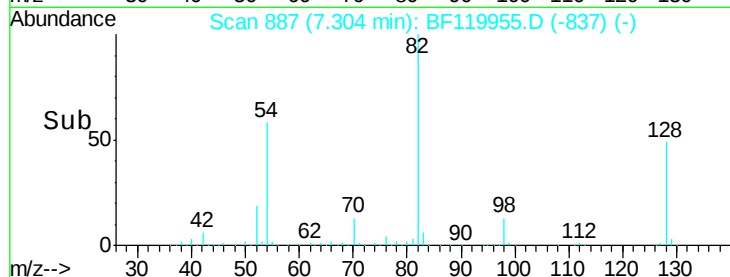
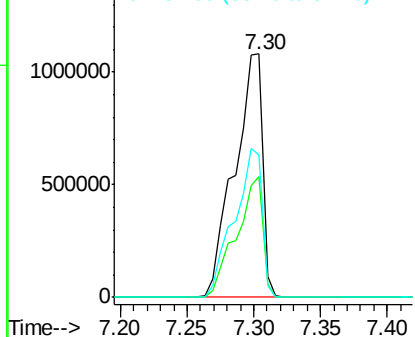
#23
Nitrobenzene-d5
Concen: 96.355 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion: 82 Resp: 1583159
Ion Ratio Lower Upper
82 100
128 49.3 36.2 54.4
54 58.3 50.4 75.6

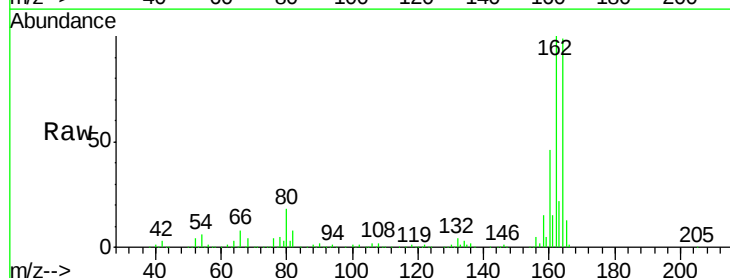


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

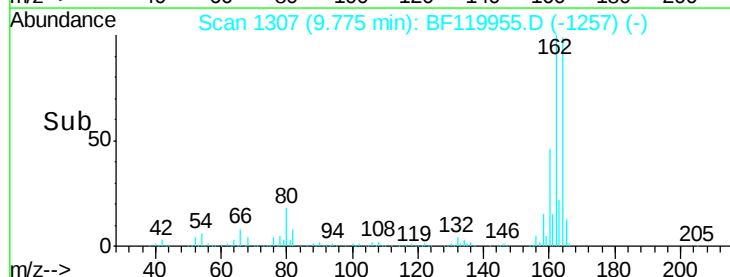
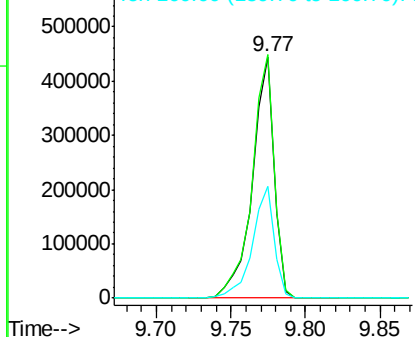


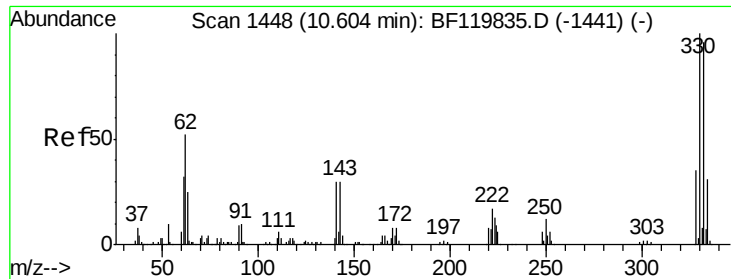
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Tgt Ion:164 Resp: 445241
Ion Ratio Lower Upper
164 100
162 100.9 81.9 122.9
160 46.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

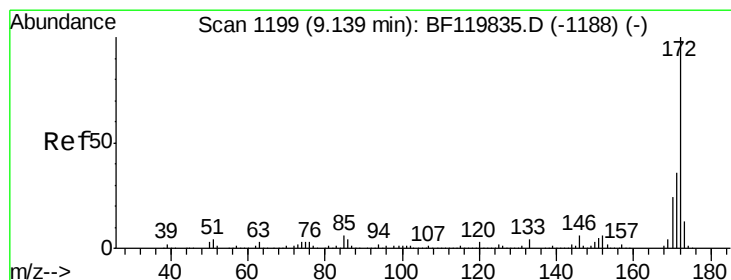
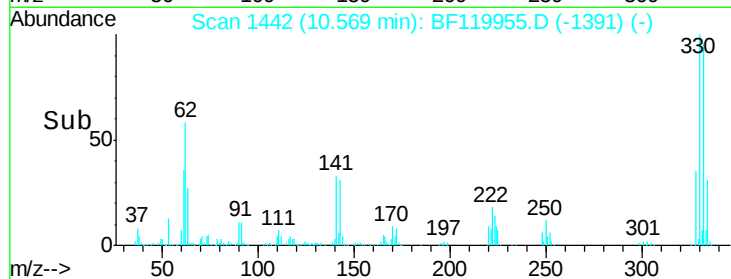
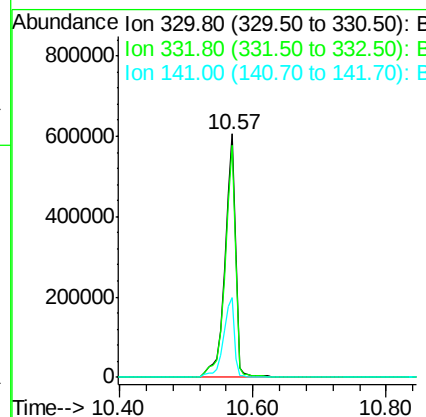
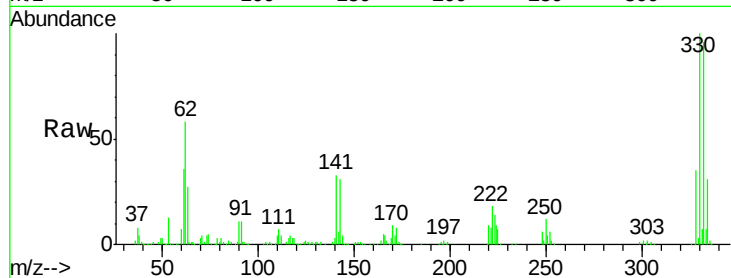




#42
 2,4,6-Tribromophenol
 Concen: 126.122 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

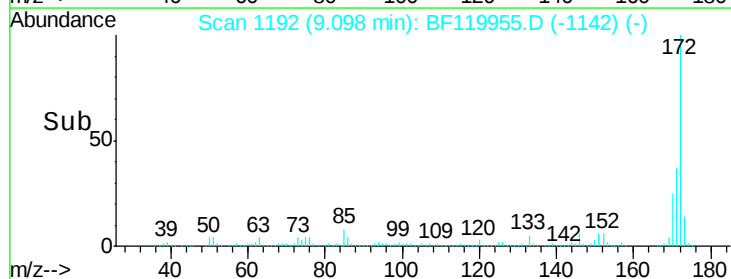
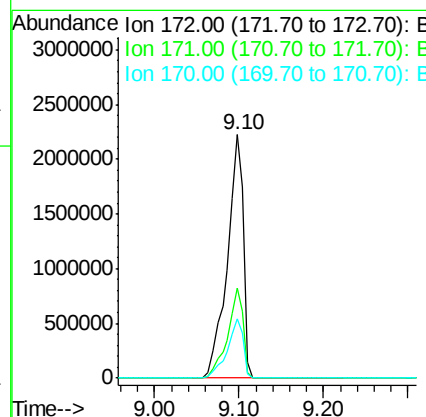
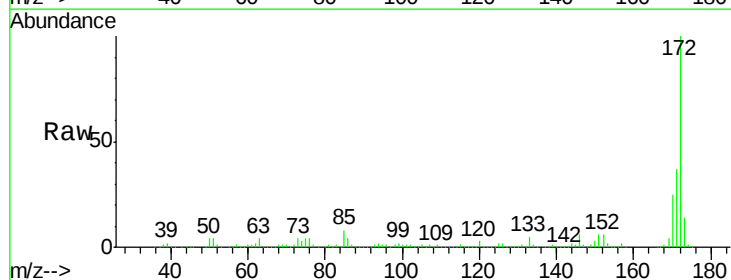
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

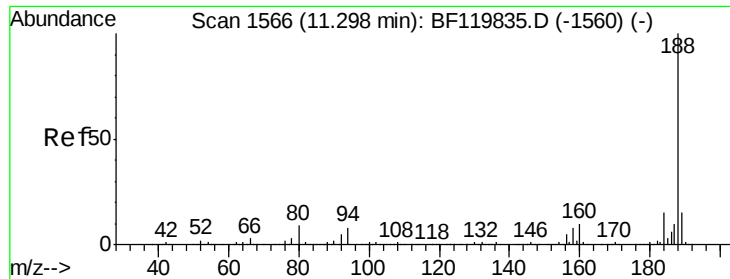
Tot Ion:330 Resp: 687523
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.8 115.2
 141 33.5 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 92.605 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Tgt Ion:172 Resp: 2904085
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.5 19.4 29.2

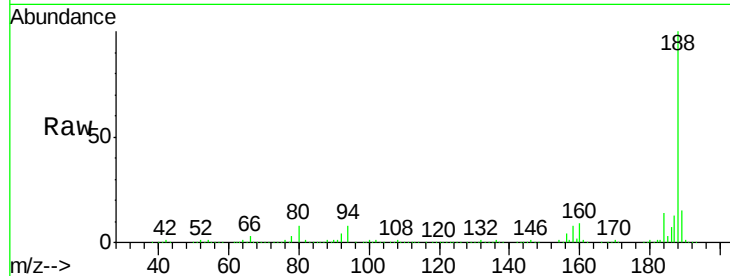




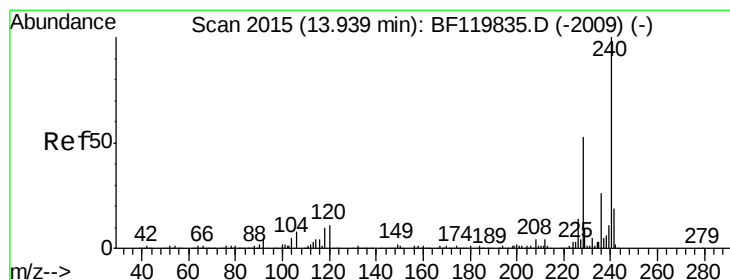
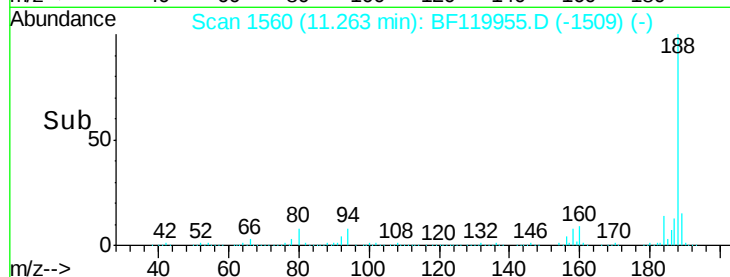
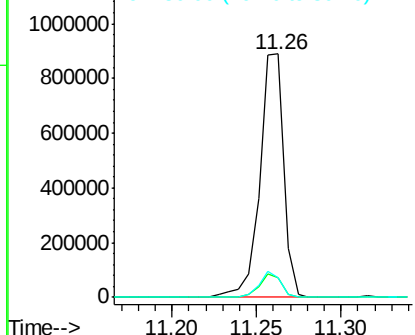
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:188 Resp: 876666
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.2 7.4 11.2

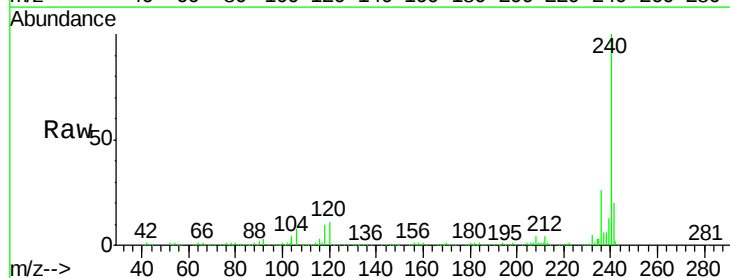


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

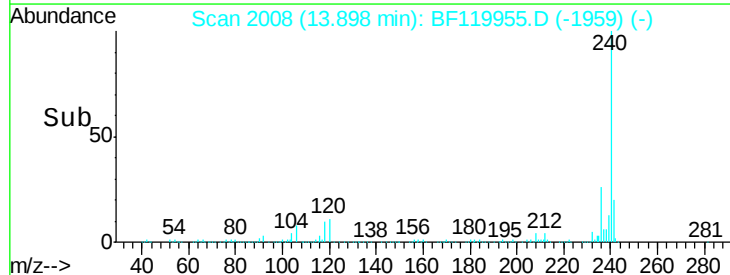
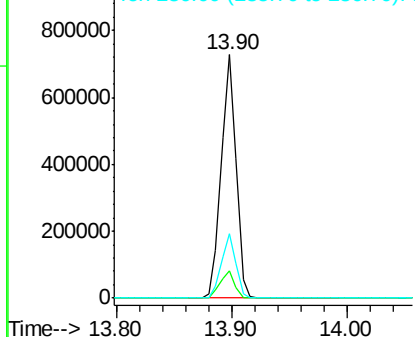


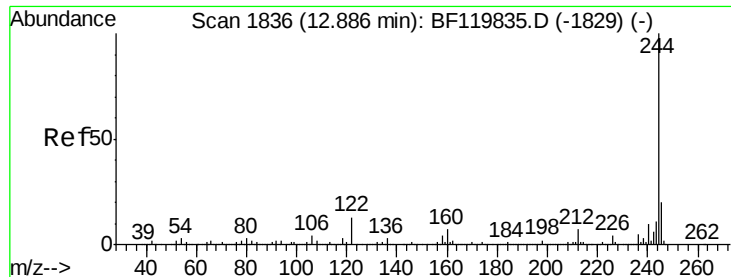
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Tgt Ion:240 Resp: 653602
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

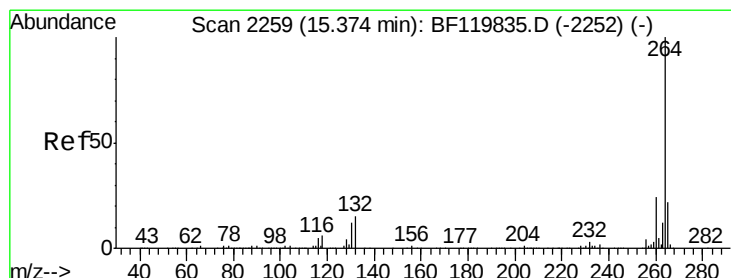
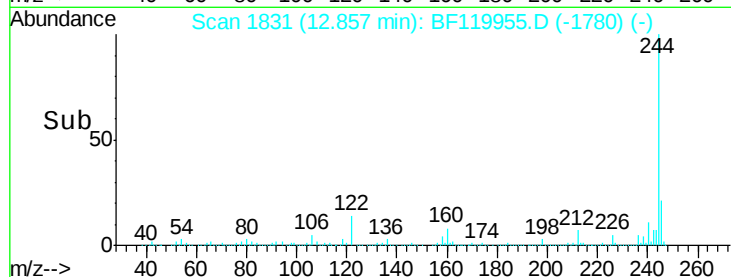
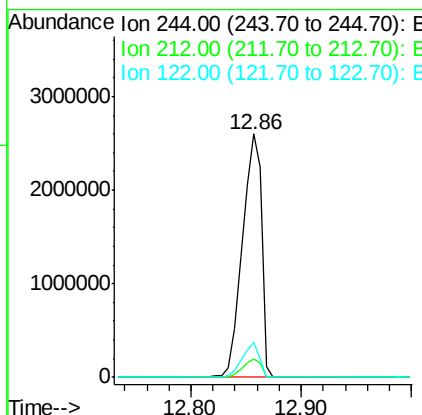
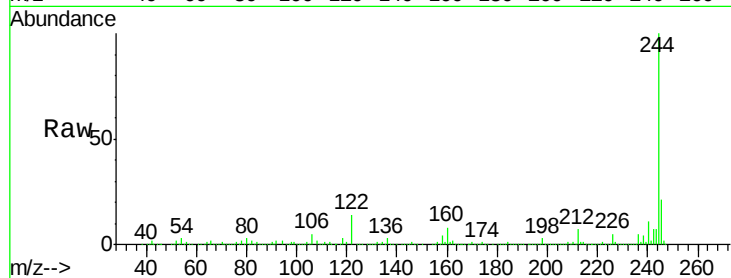




#79
 Terphenyl-d14
 Concen: 81.830 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Tot Ion:244 Resp: 3178579
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 14.1 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Tgt Ion:264 Resp: 512086
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.3 17.6 26.4

