

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113755.D
 Acq On : 12 Apr 2019 23:21
 Operator : JU/SJ
 Sample : K2377-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Quant Time: Apr 13 04:09:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

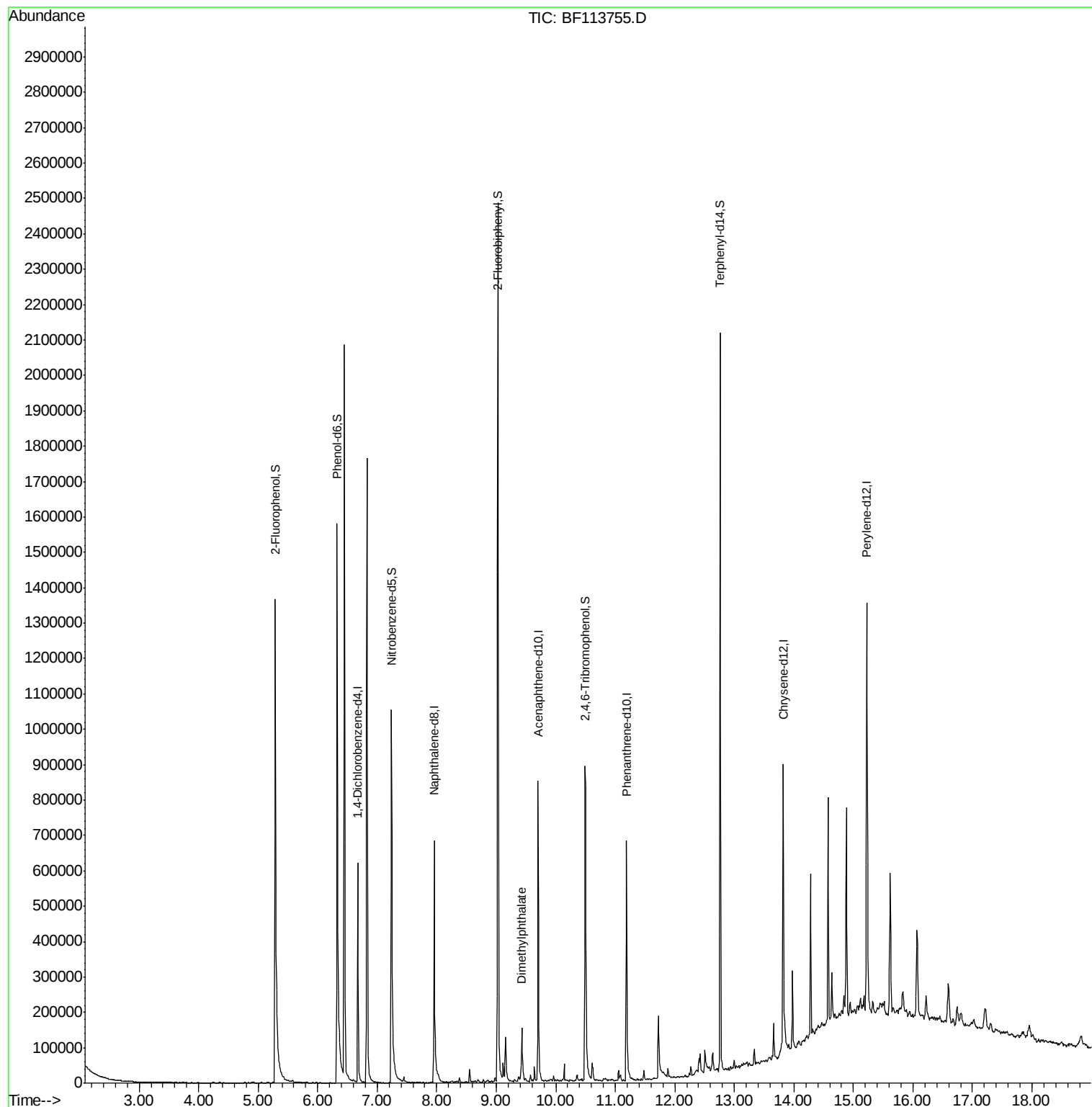
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	114212	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	425176	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	185145	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	316662	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	320456	20.00	ng	-0.02
87) Perylene-d12	15.23	264	339943	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	596193	89.01	ng	-0.01
7) Phenol-d6	6.33	99	791479	95.88	ng	-0.01
23) Nitrobenzene-d5	7.24	82	457204	62.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	170198	76.53	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	858707	74.67	ng	-0.02
79) Terphenyl-d14	12.76	244	719170	45.69	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.43	163	82049	6.012	ng	Qvalue 100

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

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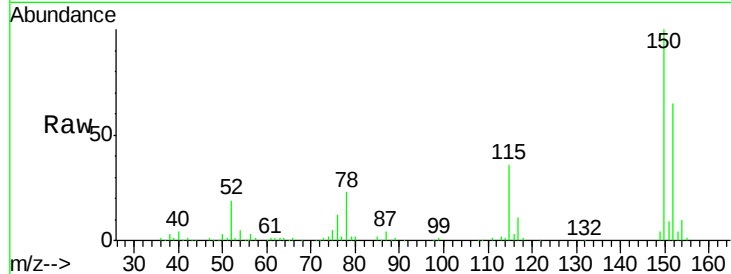


#1

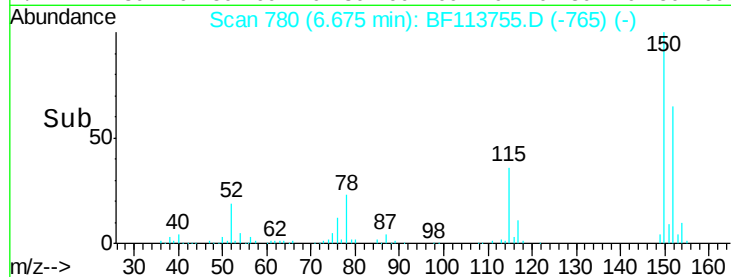
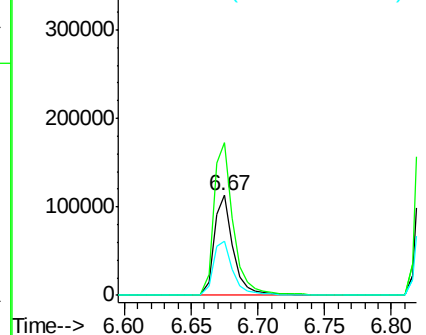
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:152 Resp: 114212
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 54.6 46.0 69.0



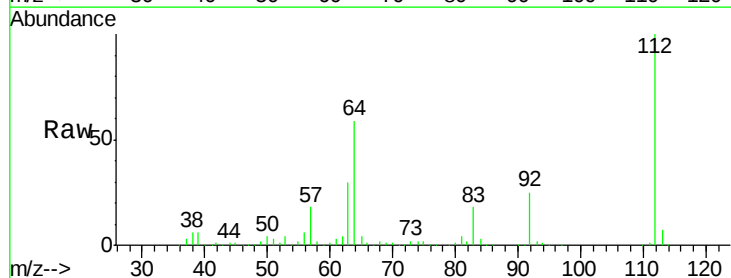
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



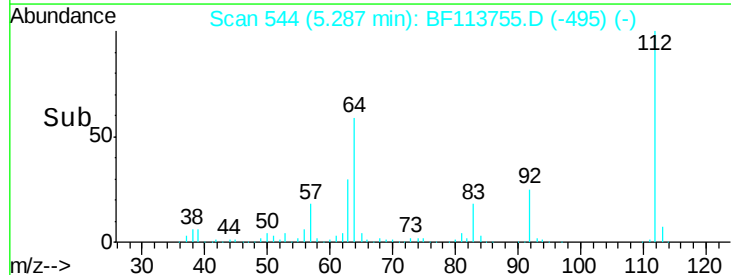
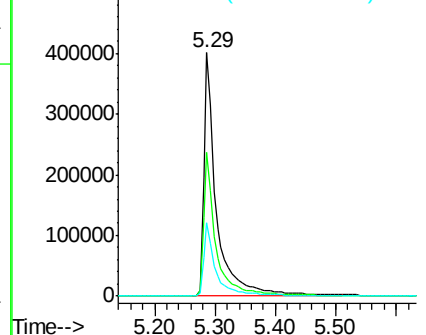
#5

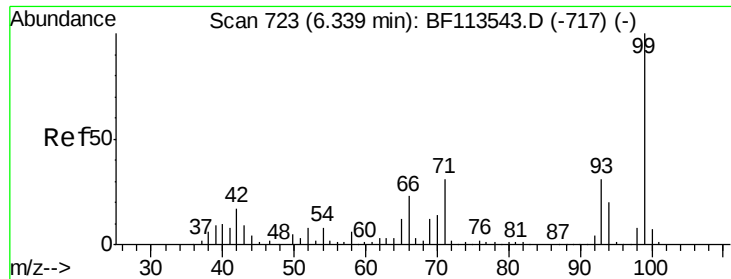
2-Fluorophenol
Concen: 89.014 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion:112 Resp: 596193
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 29.9 24.9 37.3



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: 95.879 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113755.D

Acq: 12 Apr 2019 23:21

Instrument :

BNA_F

ClientSampleId :

TP-12-S

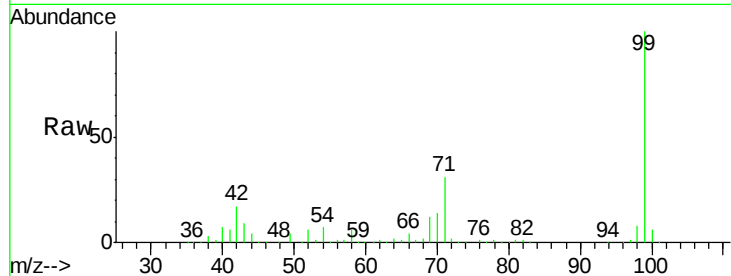
Tgt Ion: 99 Resp: 791479

Ion Ratio Lower Upper

99 100

42 16.9 14.8 22.2

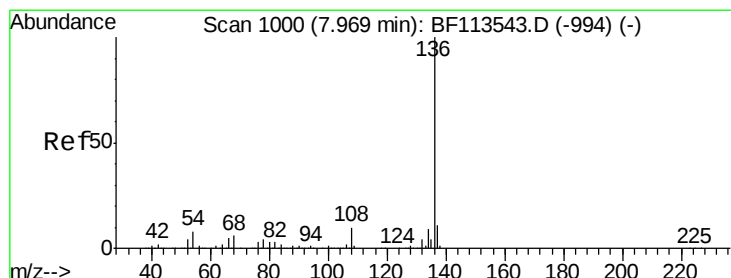
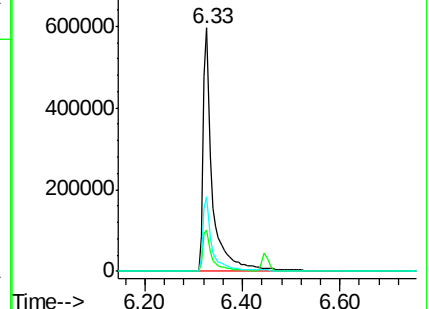
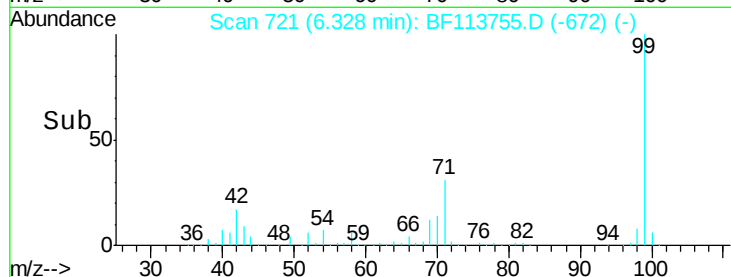
71 30.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113755.D

Acq: 12 Apr 2019 23:21

Tgt Ion: 136 Resp: 425176

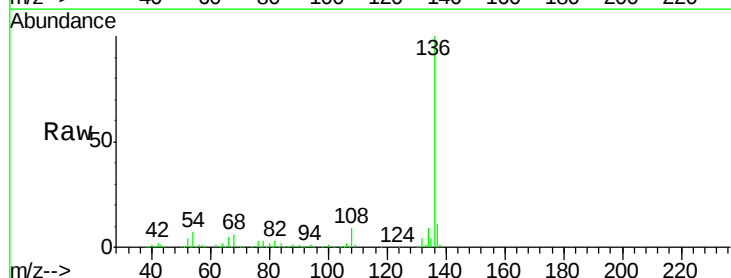
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 7.0 10.6

68 5.6 4.8 7.2

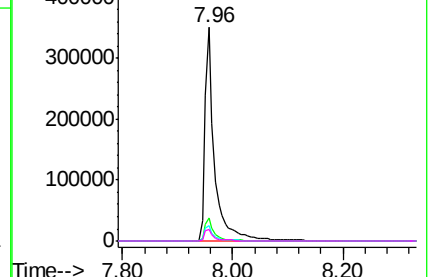
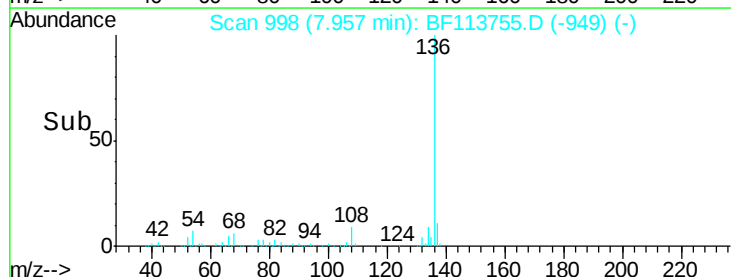


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

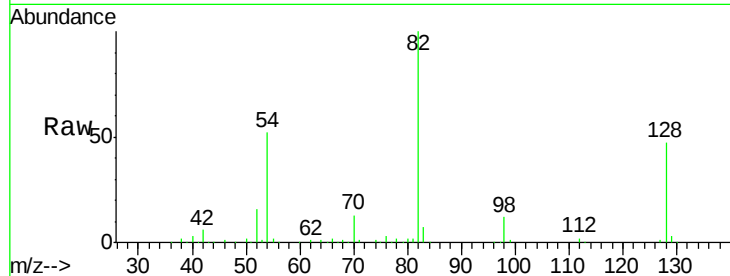




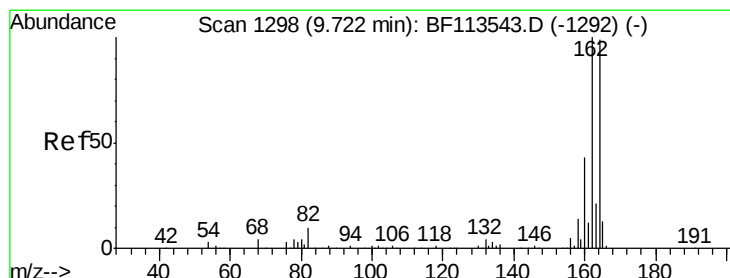
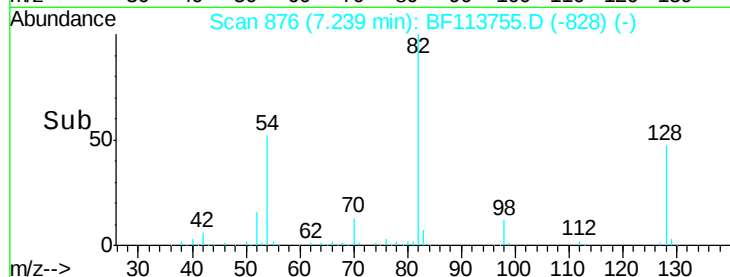
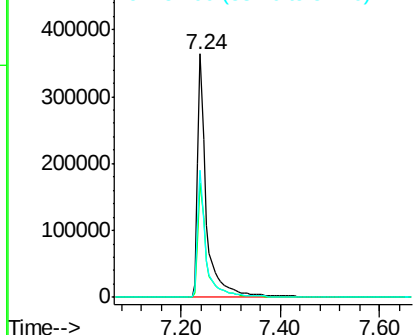
#23
Nitrobenzene-d5
Concen: 62.988 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampled :
TP-12-S

Tgt Ion: 82 Resp: 457204
Ion Ratio Lower Upper
82 100
128 47.0 36.5 54.7
54 52.1 42.2 63.2

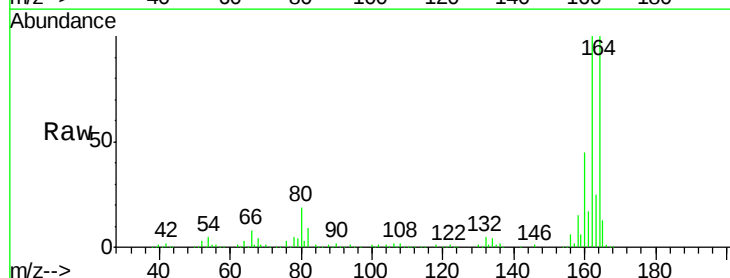


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

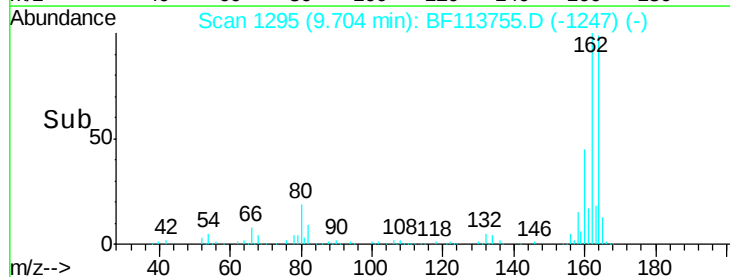
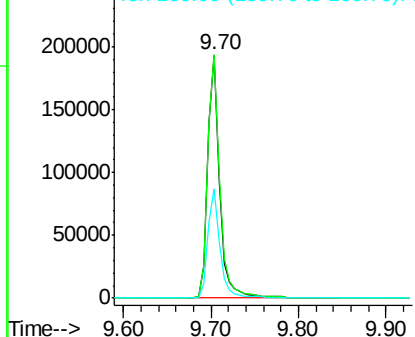


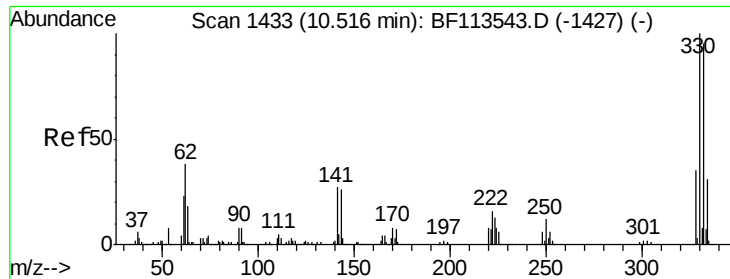
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion: 164 Resp: 185145
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.6
160 45.1 36.4 54.6



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

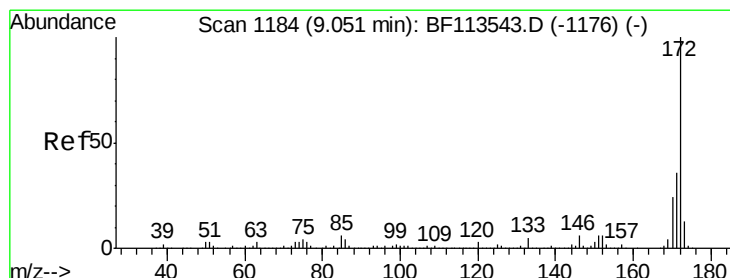
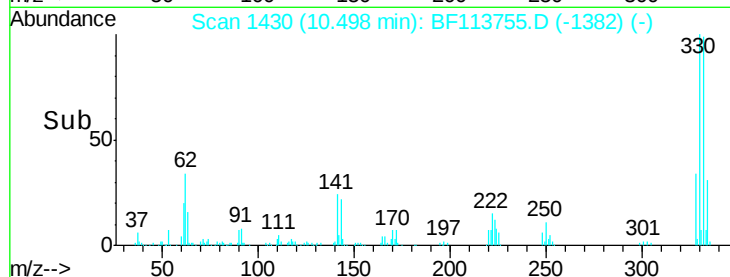
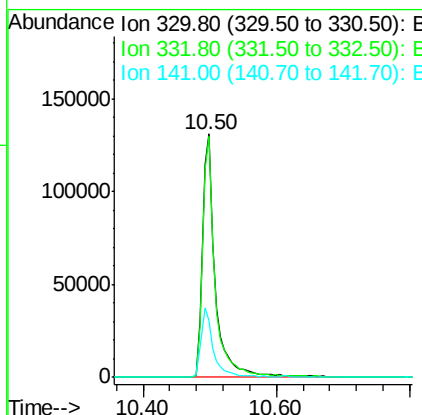
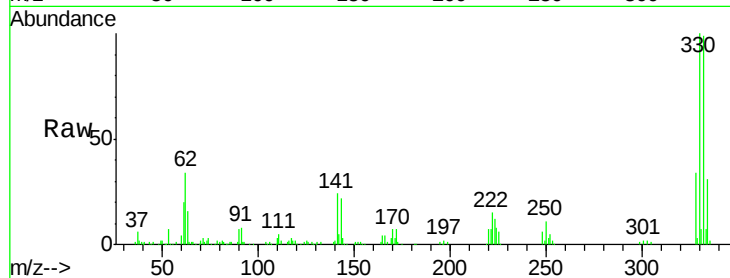




#42
 2,4,6-Tribromophenol
 Concen: 76.526 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113755.D
 Acq: 12 Apr 2019 23:21

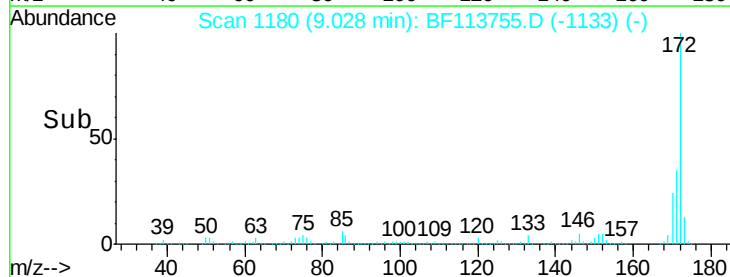
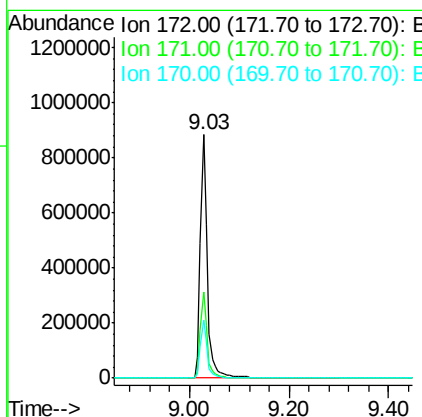
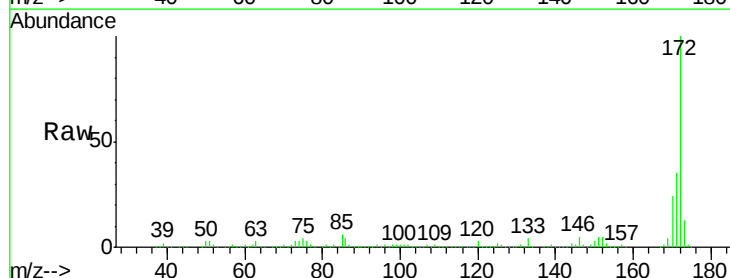
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tgt Ion:330 Resp: 170198
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 27.4 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 74.667 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113755.D
 Acq: 12 Apr 2019 23:21

Tgt Ion:172 Resp: 858707
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.9 19.5 29.3

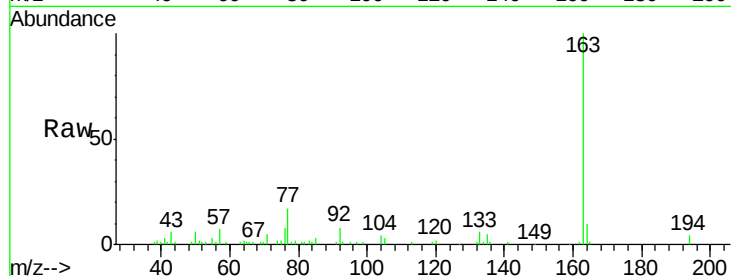




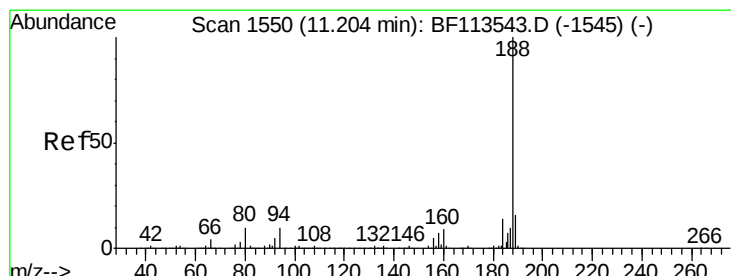
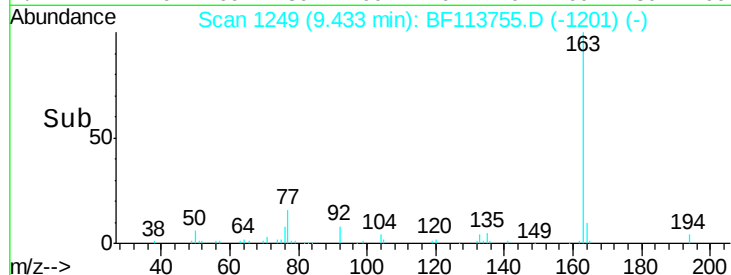
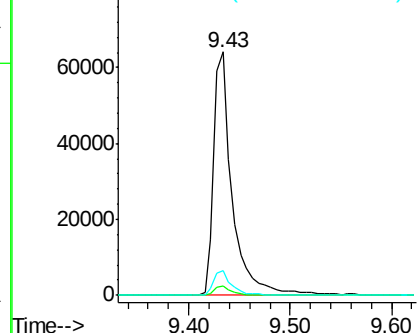
#50
Dimethylphthalate
Concen: 6.012 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:163 Resp: 82049
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.1 12.1

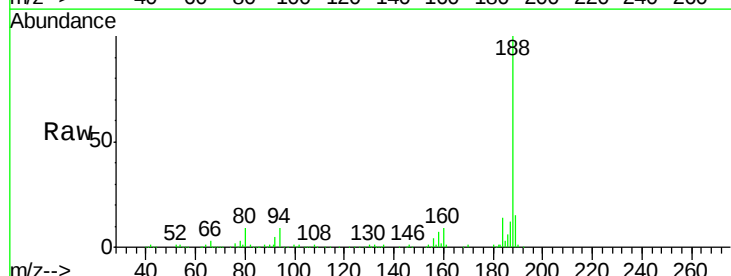


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

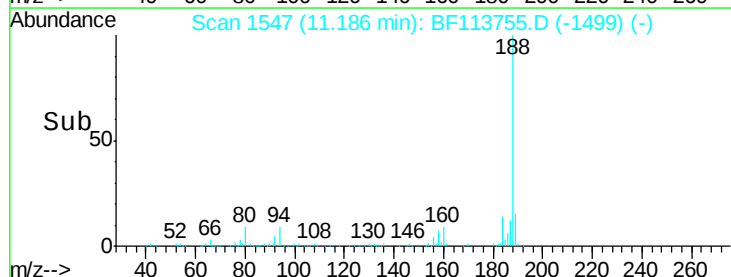
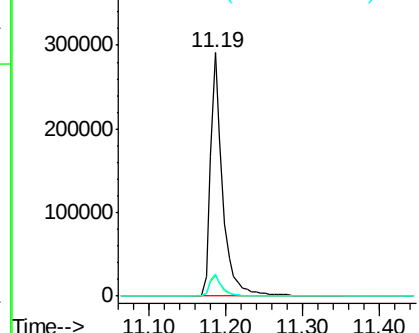


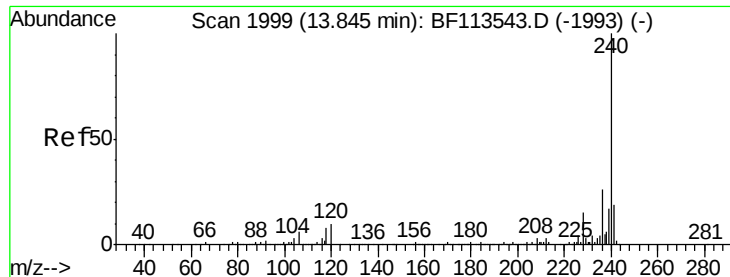
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion:188 Resp: 316662
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.2 7.7 11.5



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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113755.D

Acq: 12 Apr 2019 23:21

Instrument :

BNA_F

ClientSampleId :

TP-12-S

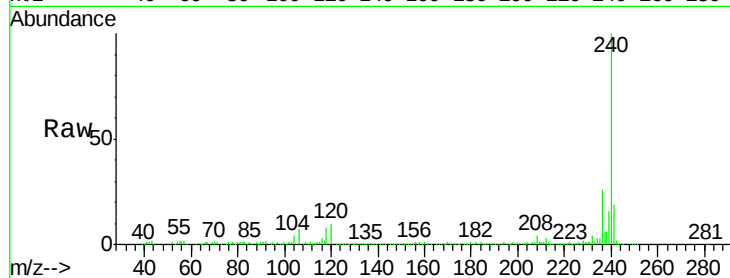
Tgt Ion:240 Resp: 320456

Ion Ratio Lower Upper

240 100

120 9.5 8.8 13.2

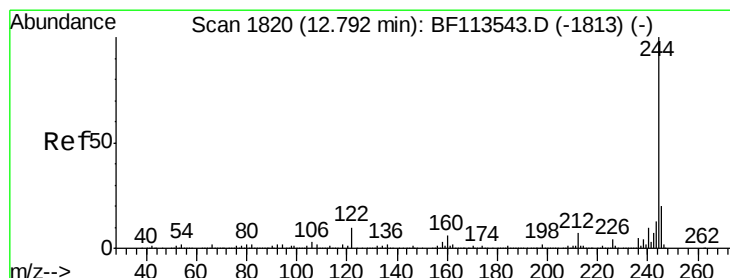
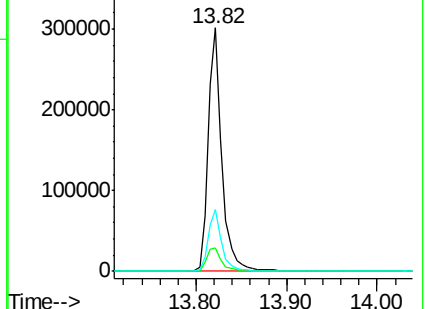
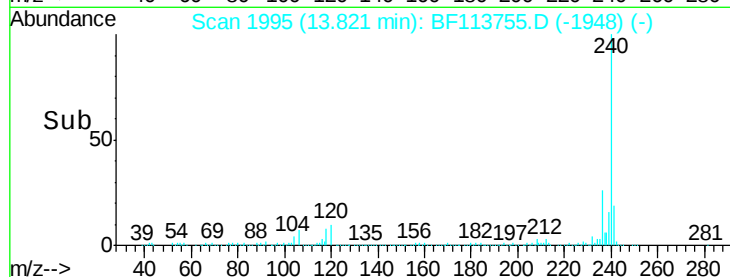
236 25.6 20.9 31.3



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: 45.692 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113755.D

Acq: 12 Apr 2019 23:21

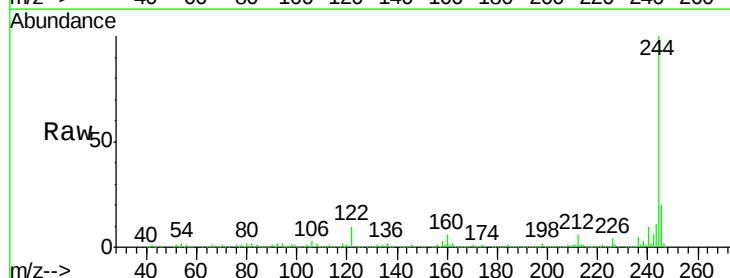
Tgt Ion:244 Resp: 719170

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

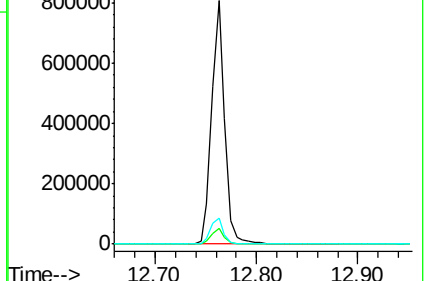
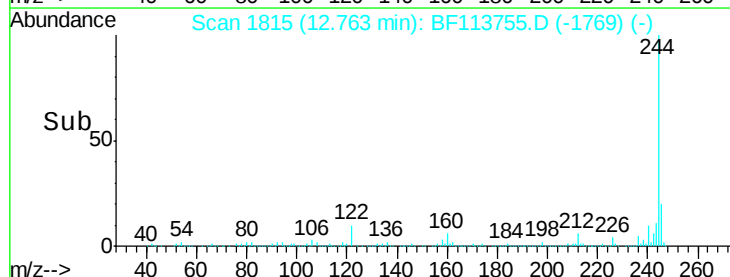
122 10.5 8.6 13.0

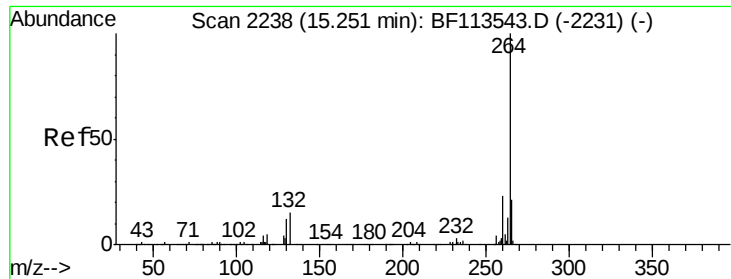


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

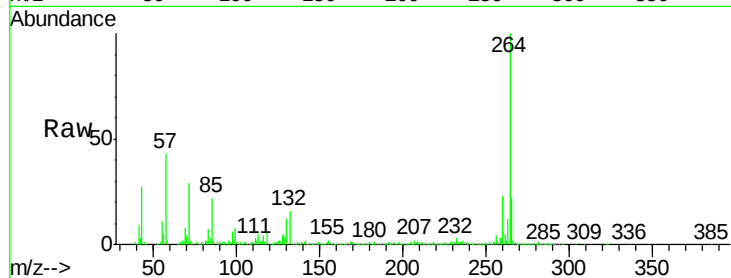




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.9	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

