

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115443.D
 Acq On : 9 Jul 2019 19:54
 Operator : HP/JU
 Sample : K3700-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-052

Quant Time: Jul 10 08:14:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

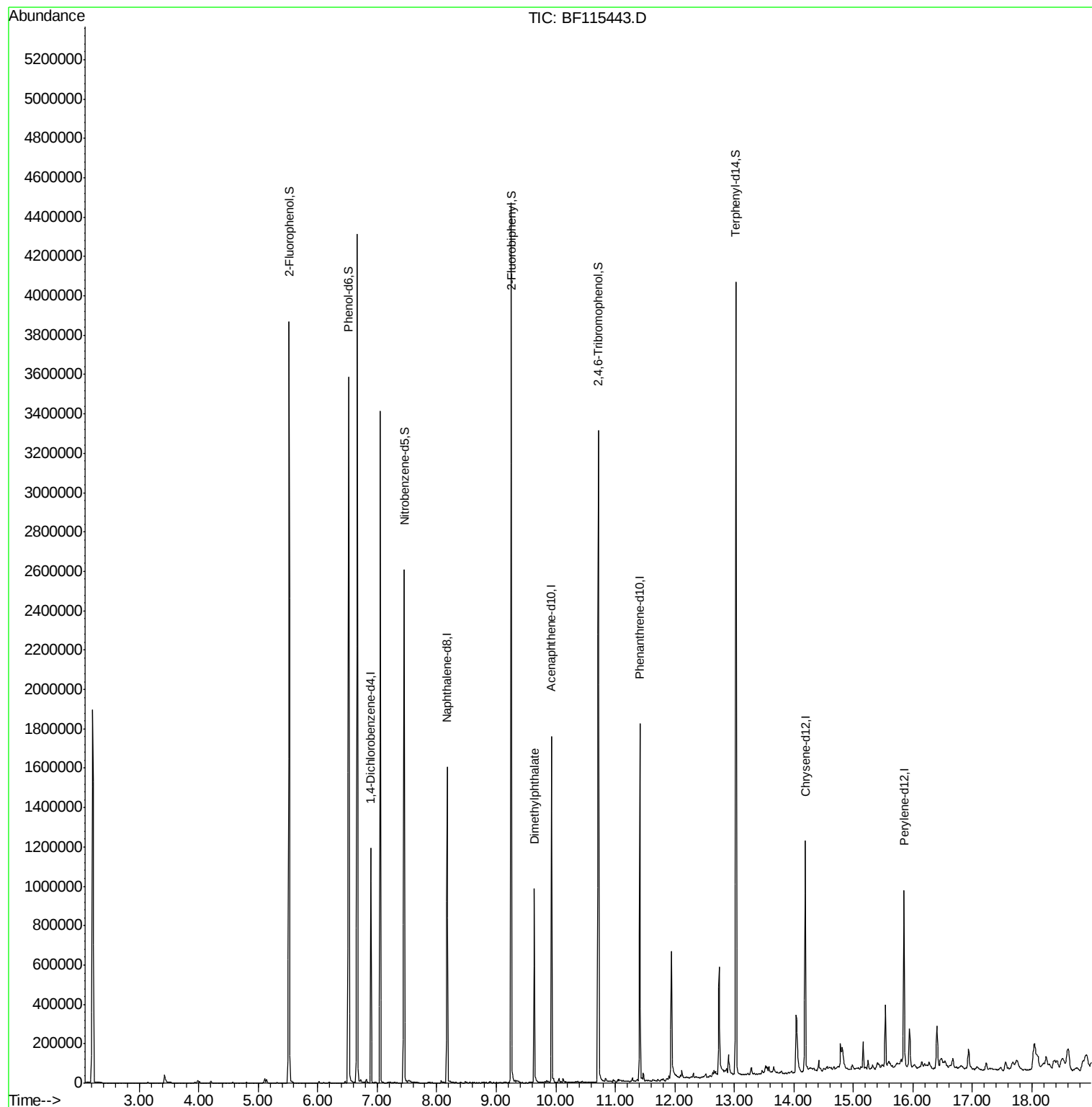
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172100	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	663223	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	341158	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	669987	20.00	ng	0.00
76) Chrysene-d12	14.19	240	392363	20.00	ng	-0.02
87) Perylene-d12	15.85	264	419779	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1245174	111.79	ng	0.00
7) Phenol-d6	6.53	99	1668265	117.76	ng	0.00
23) Nitrobenzene-d5	7.46	82	1037573	92.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	454099	120.38	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1365383	70.23	ng	0.00
79) Terphenyl-d14	13.03	244	1557177	81.26	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.64	163	380185	14.847	ng	Qvalue 99

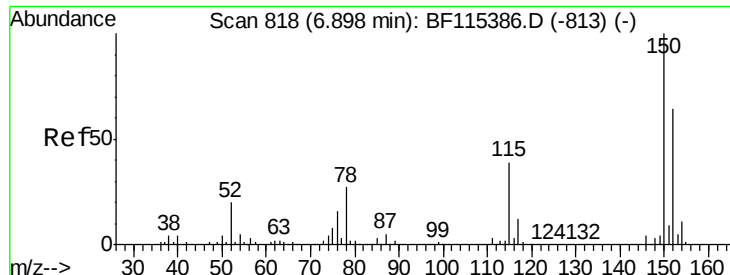
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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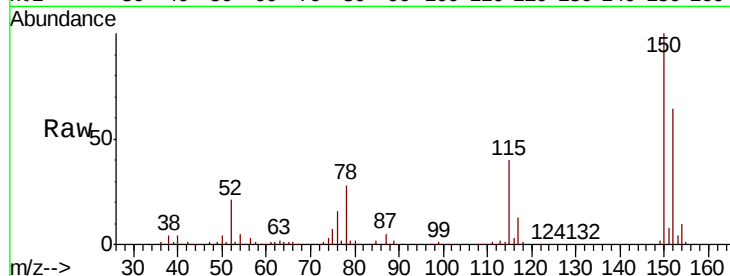


#1

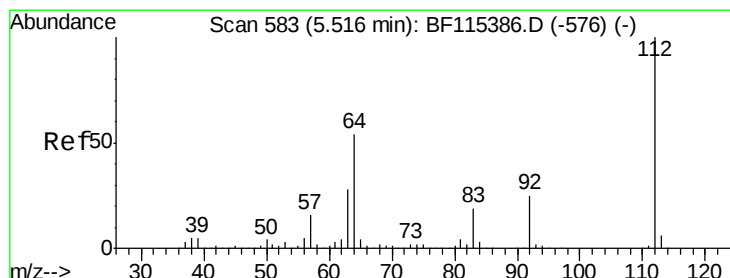
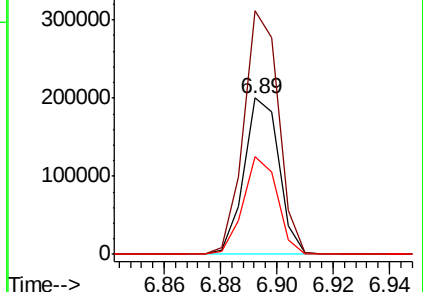
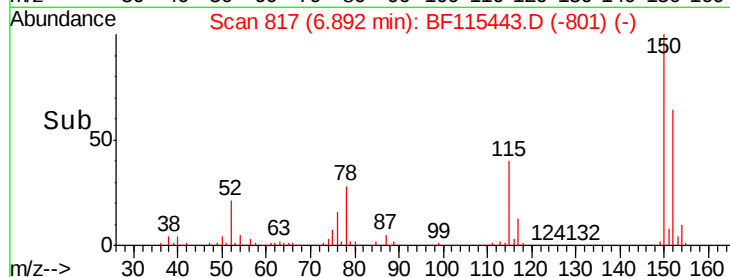
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115443.D
Acq: 9 Jul 2019 19:54

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-052

Tot Ion:152 Resp: 172100
Ion Ratio Lower Upper
152 100
150 155.9 126.5 189.7
115 62.4 48.6 73.0



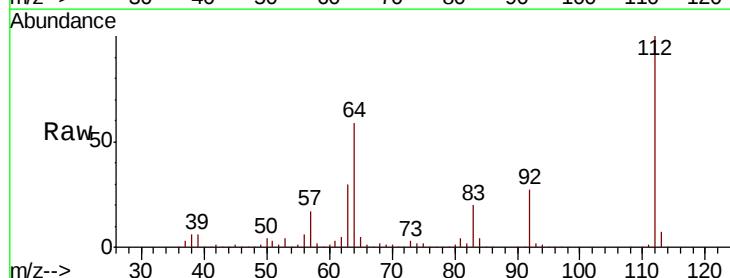
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



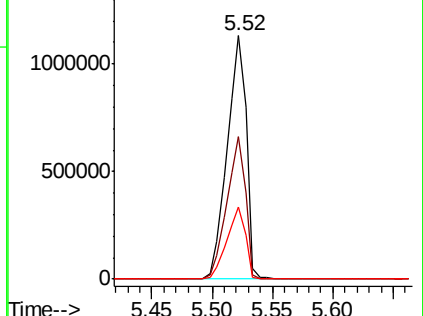
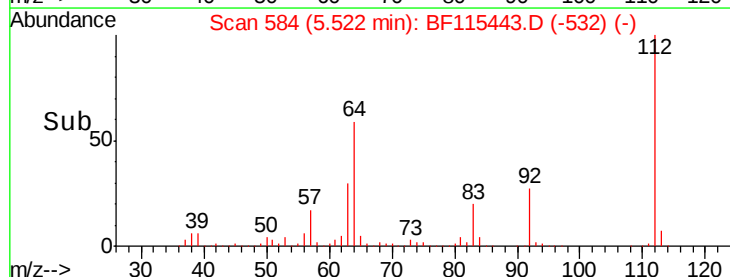
#5

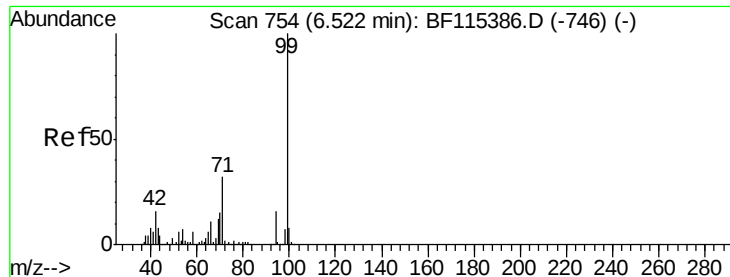
2-Fluorophenol
Concen: 111.786 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF115443.D
Acq: 9 Jul 2019 19:54

Tgt Ion:112 Resp: 1245174
Ion Ratio Lower Upper
112 100
64 58.5 47.0 70.4
63 29.6 23.7 35.5



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: 117.762 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115443.D

Acq: 9 Jul 2019 19:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-052

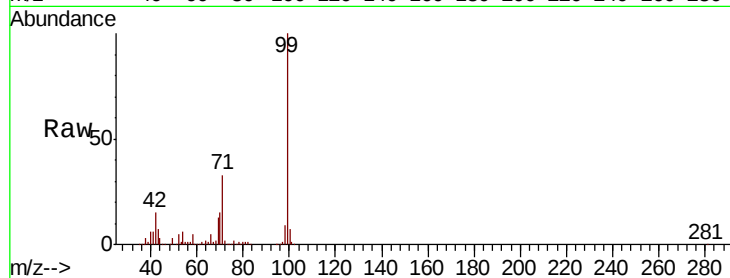
Tot Ion: 99 Resp: 1668265

Ion Ratio Lower Upper

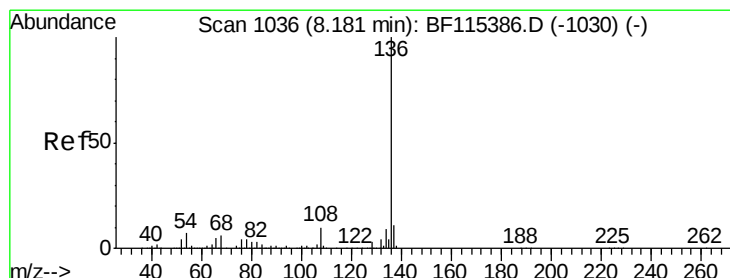
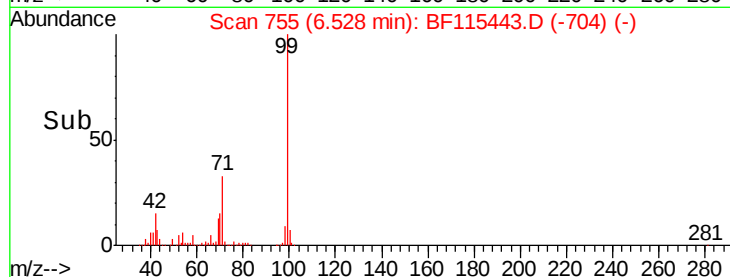
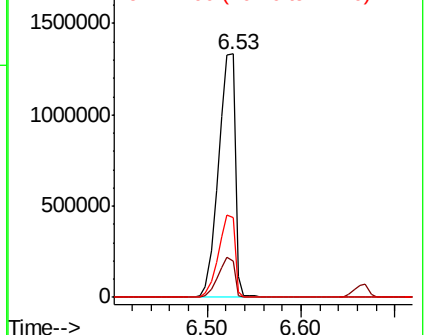
99 100

42 15.1 12.7 19.1

71 32.9 26.2 39.2



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115443.D

Acq: 9 Jul 2019 19:54

Tgt Ion: 136 Resp: 663223

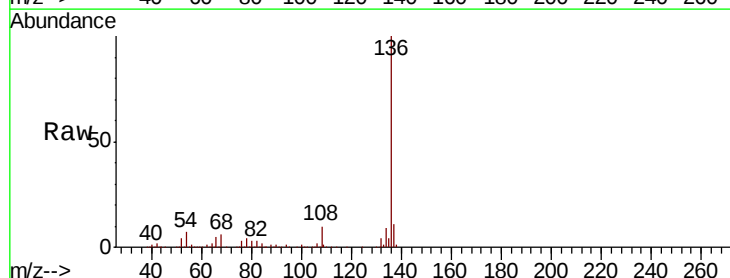
Ion Ratio Lower Upper

136 100

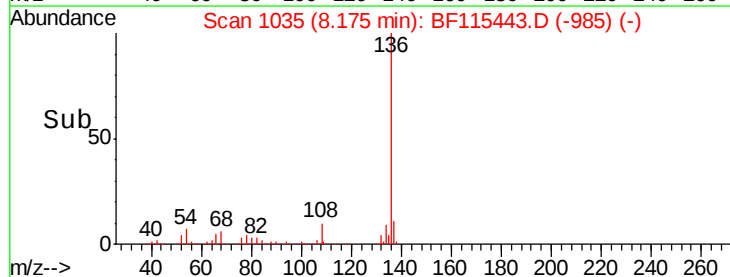
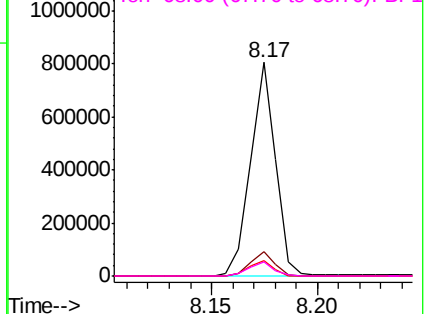
137 11.1 8.9 13.3

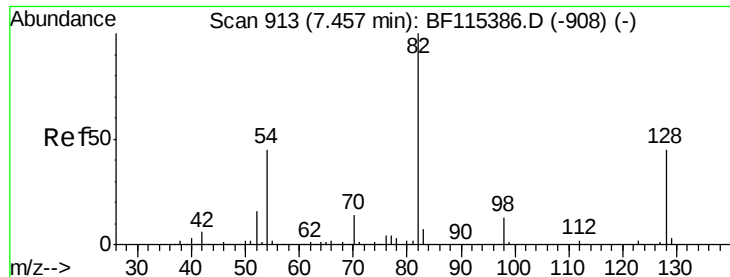
54 7.1 5.5 8.3

68 6.4 5.1 7.7



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: 92.432 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF115443.D

Acq: 9 Jul 2019 19:54

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-052

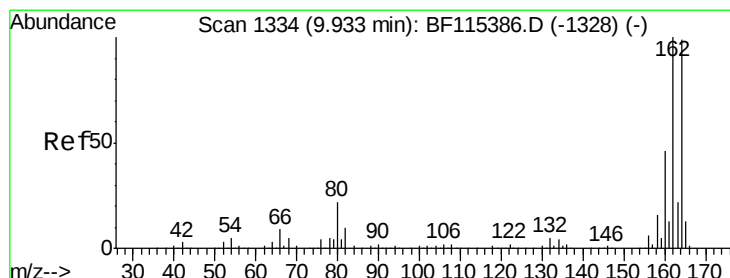
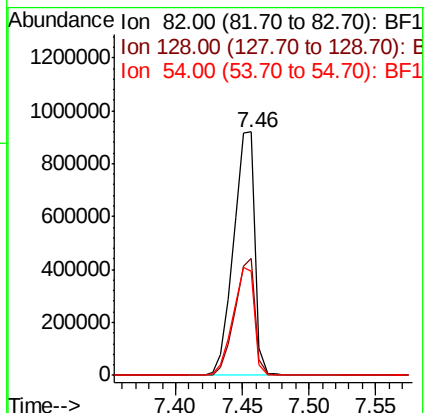
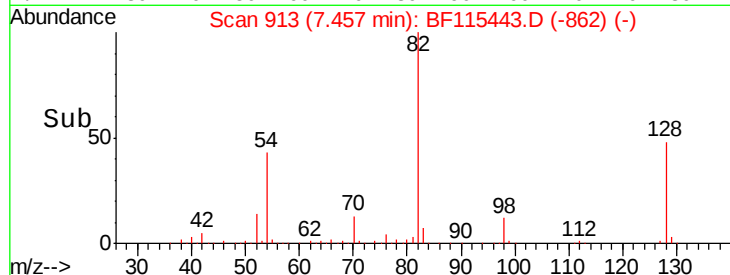
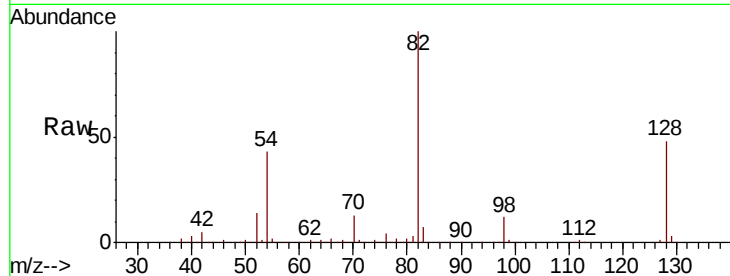
Tot Ion: 82 Resp: 1037573

Ion Ratio Lower Upper

82 100

128 48.2 36.2 54.4

54 42.8 35.4 53.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115443.D

Acq: 9 Jul 2019 19:54

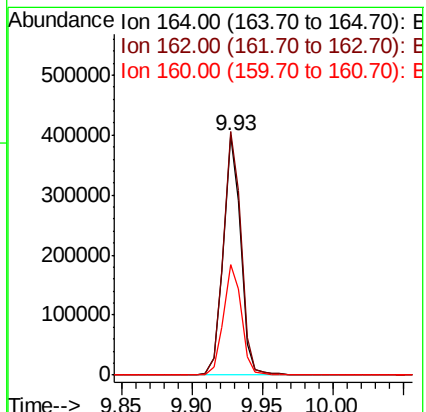
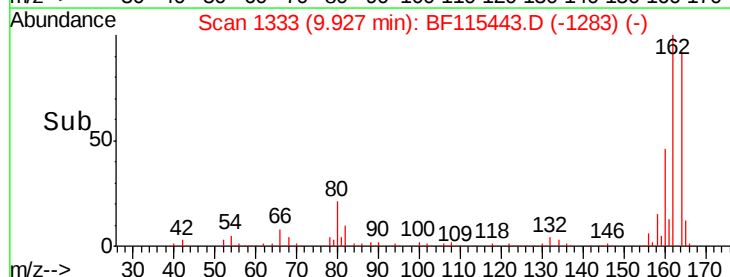
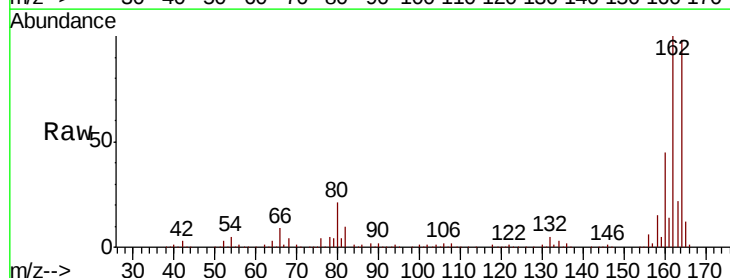
Tgt Ion:164 Resp: 341158

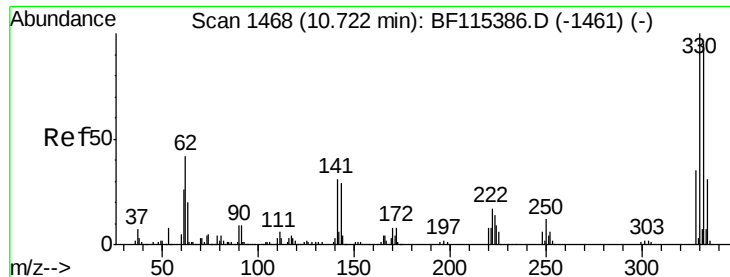
Ion Ratio Lower Upper

164 100

162 101.7 81.5 122.3

160 46.1 36.6 55.0

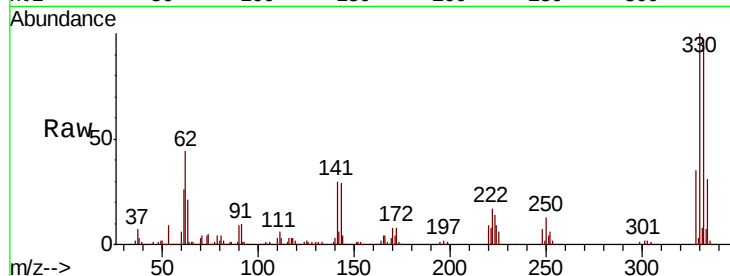




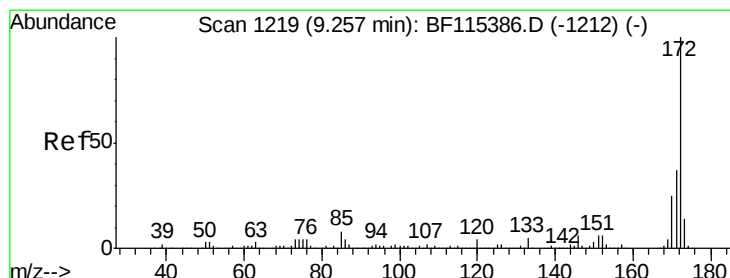
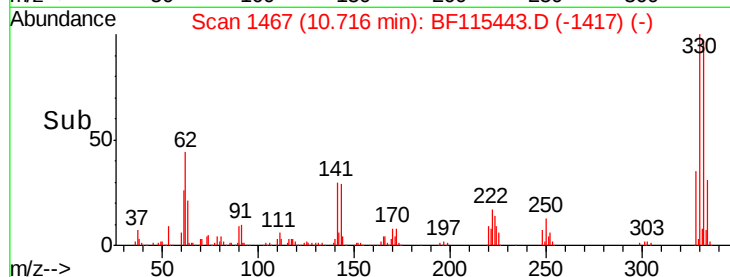
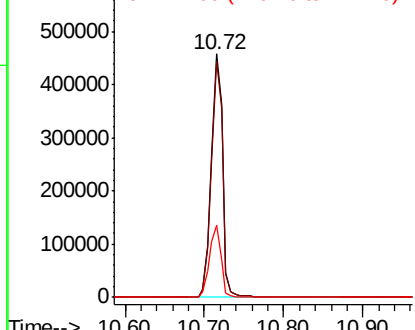
#42
 2,4,6-Tribromophenol
 Concen: 120.384 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115443.D
 Acq: 9 Jul 2019 19:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-052

Tot Ion:330 Resp: 454099
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 30.4 25.1 37.7

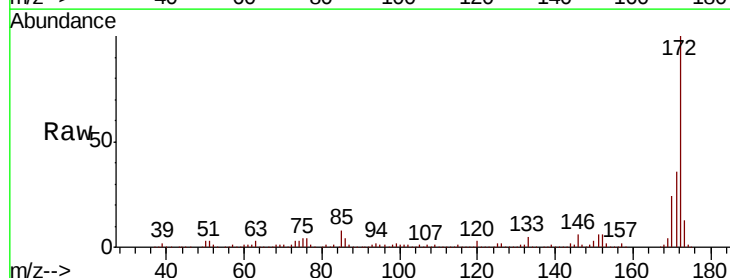


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

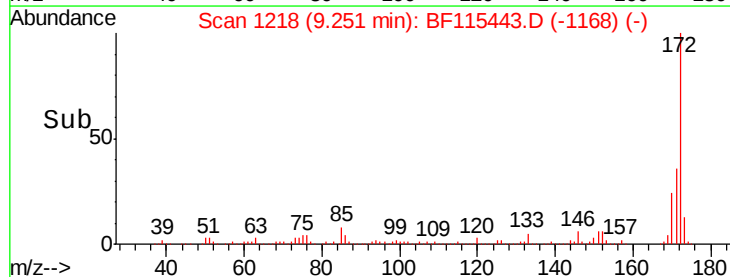
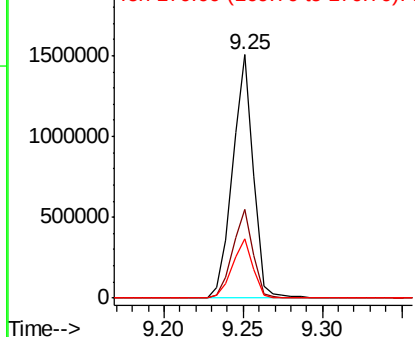


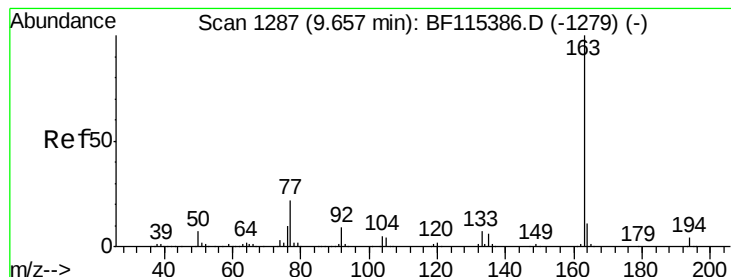
#45
 2-Fluorobiphenyl
 Concen: 70.229 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115443.D
 Acq: 9 Jul 2019 19:54

Tgt Ion:172 Resp: 1365383
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.8
 170 24.4 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.847 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115443.D

Acq: 9 Jul 2019 19:54

Instrument :

BNA_F

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FK-PS-01-052

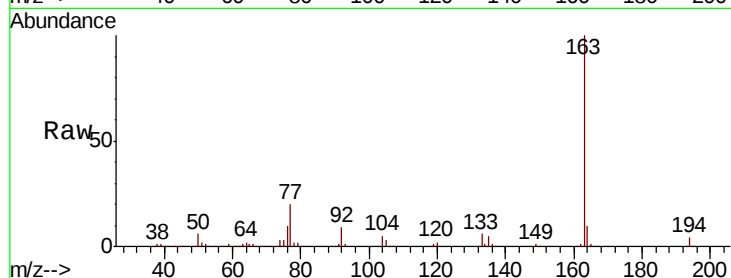
Tot Ion:163 Resp: 380185

Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

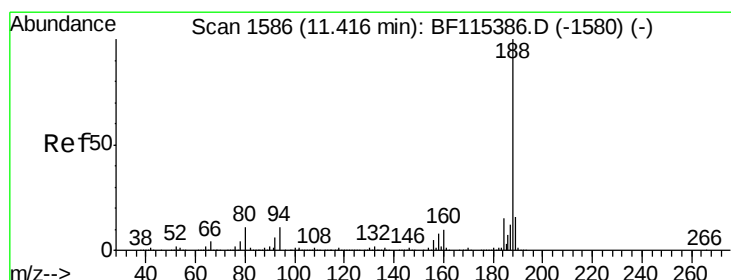
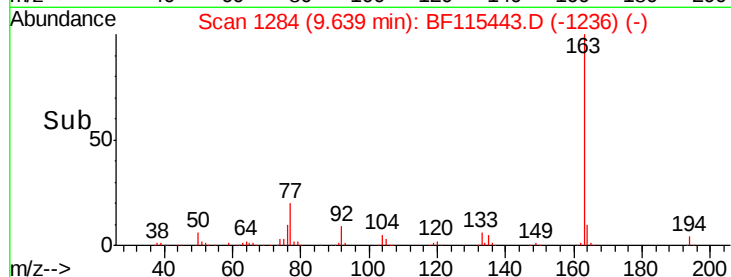
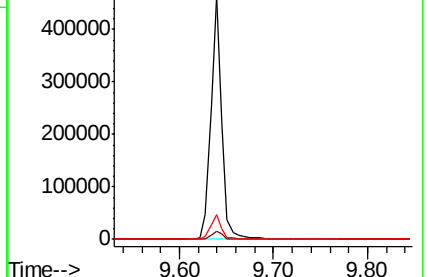
164 10.2 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF115443.D

Acq: 9 Jul 2019 19:54

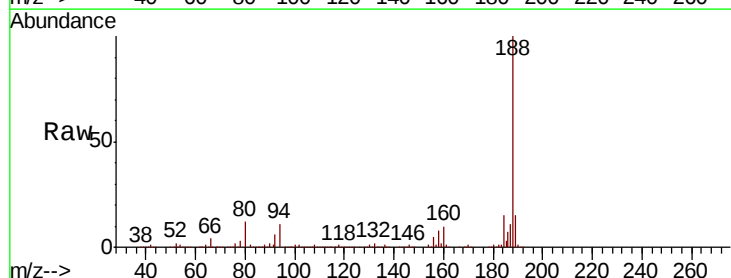
Tgt Ion:188 Resp: 669987

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

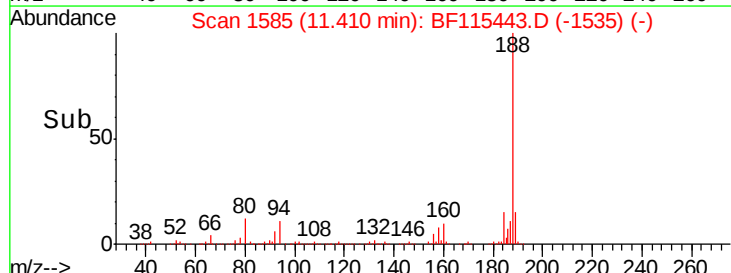
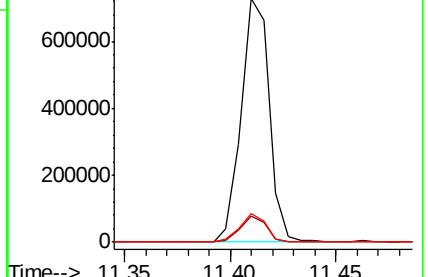
80 11.6 8.6 13.0

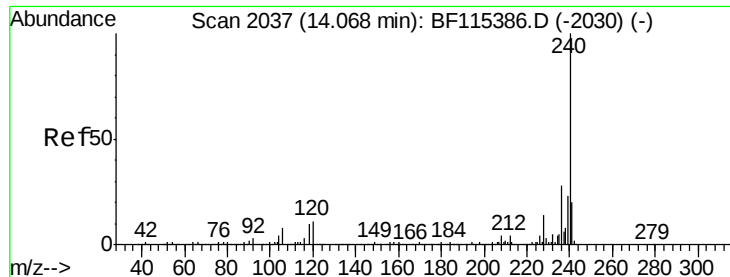


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

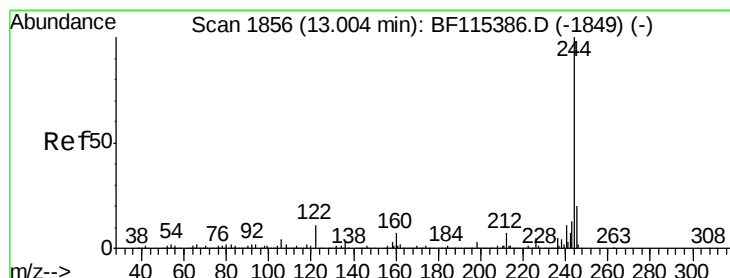
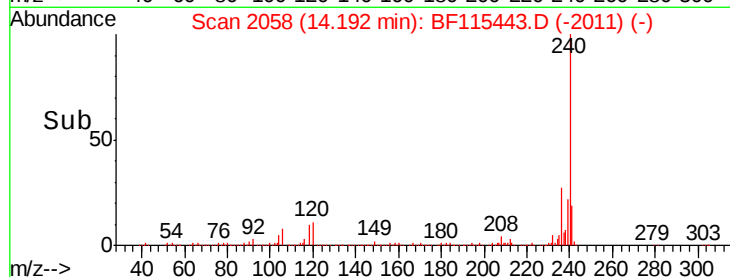
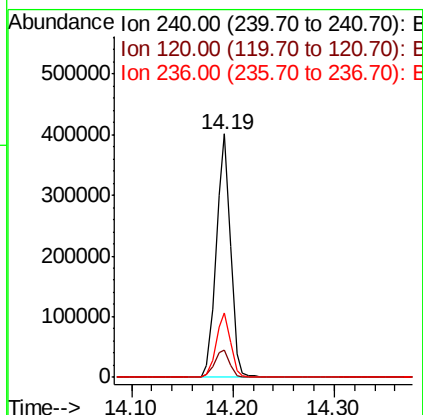
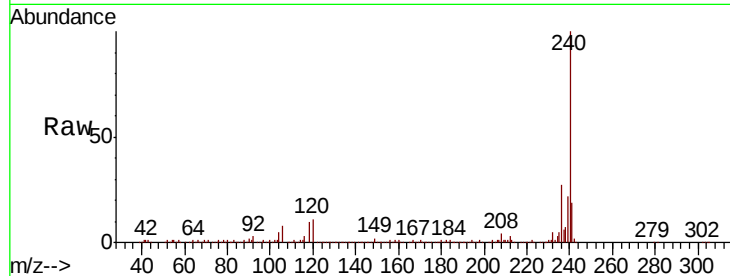




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.02 min
 Lab File: BF115443.D
 Acq: 9 Jul 2019 19:54

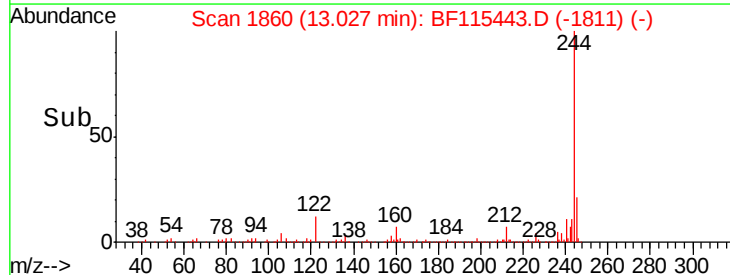
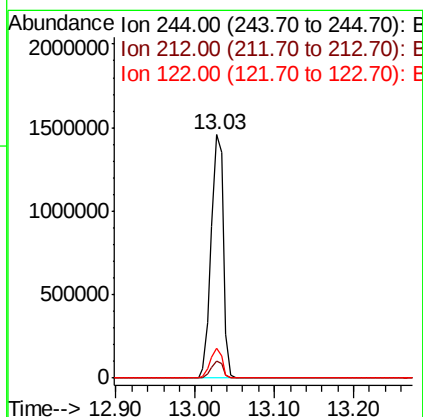
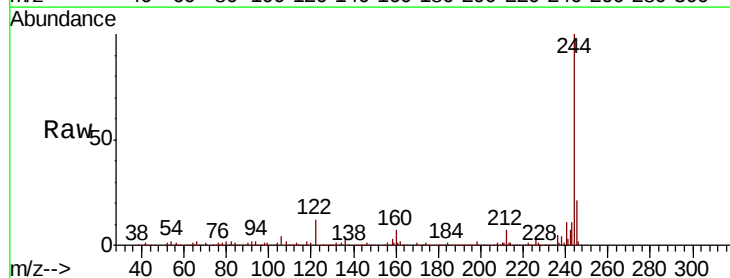
Instrument :
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 FK-PS-01-052

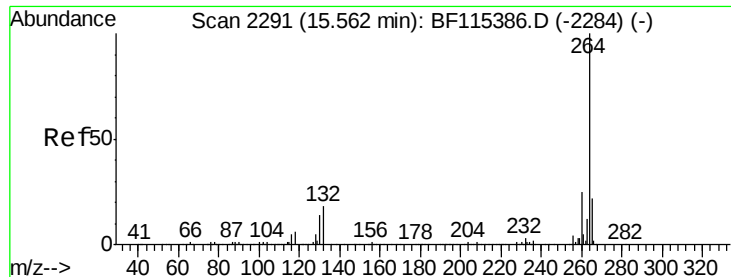
Tot Ion:240 Resp: 392363
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.6 14.4
 236 26.6 21.6 32.4



#79
 Terphenyl-d14
 Concen: 81.260 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF115443.D
 Acq: 9 Jul 2019 19:54

Tgt Ion:244 Resp: 1557177
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.3 9.3 13.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.85 min Scan# 2340
 Delta R.T. -0.03 min
 Lab File: BF115443.D
 Acq: 9 Jul 2019 19:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-052

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.3	17.2	25.8

