

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113725.D
 Acq On : 11 Apr 2019 17:33
 Operator : JU/SJ
 Sample : K2203-08RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-040919-BRE

Quant Time: Apr 12 02:03:58 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	117084	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	385409	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	41571	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	156139	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	23300	20.00	ng	-0.01
87) Perylene-d12	15.25	264	393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	776737	113.13	ng	0.01
7) Phenol-d6	6.35	99	243907	28.82	ng	0.00
23) Nitrobenzene-d5	7.24	82	701737	106.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	361535	723.98	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1297179	502.35	ng	-0.02
79) Terphenyl-d14	12.76	244	490281	428.42	ng	-0.03

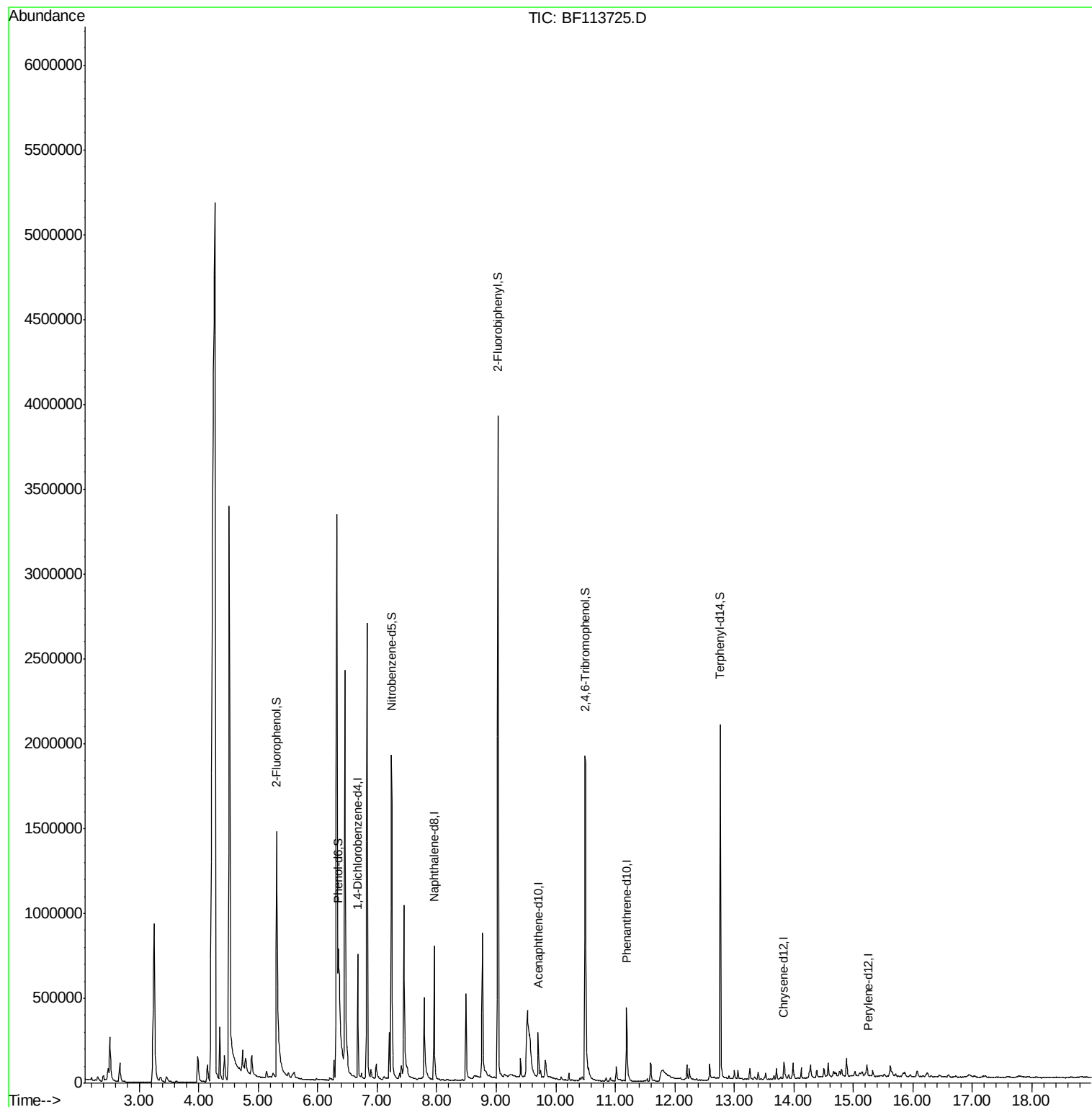
Target Compounds Qvalue

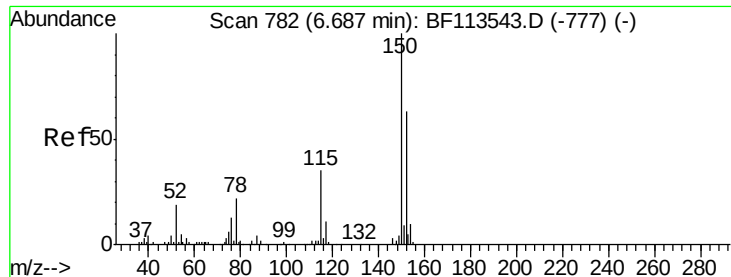
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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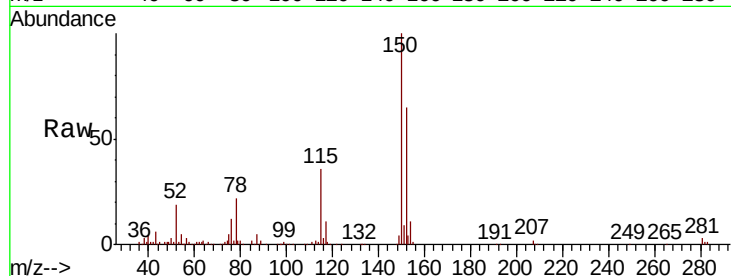


#1

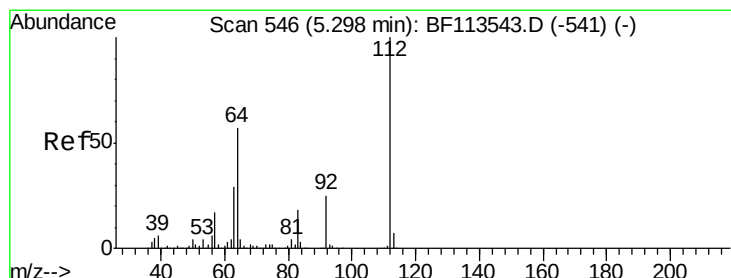
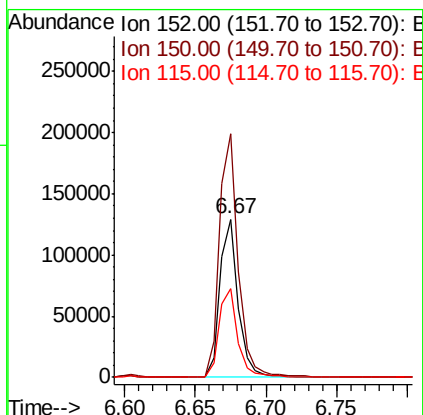
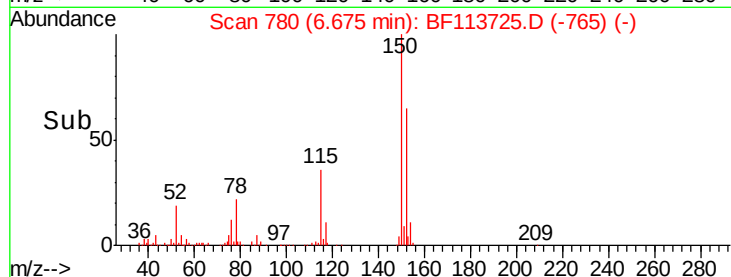
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Instrument :
BNA_F
ClientSampleId :
SU-04-040919-BRE

Tot Ion:152 Resp: 117084
Ion Ratio Lower Upper
152 100
150 154.1 124.7 187.1
115 56.0 46.0 69.0



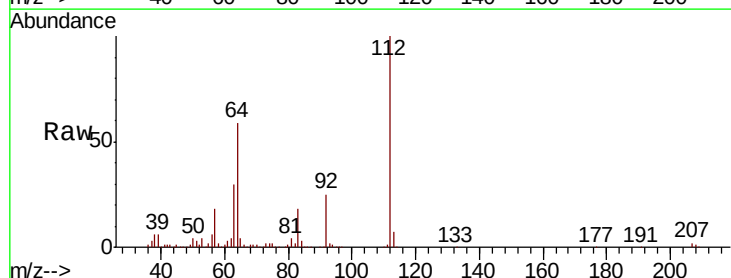
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



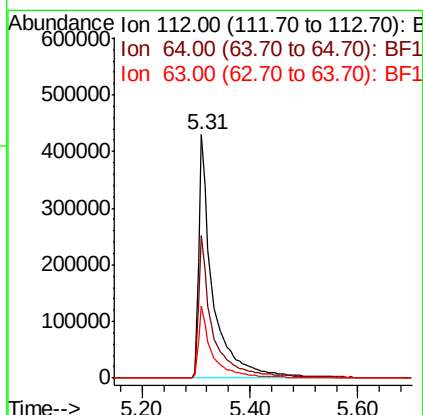
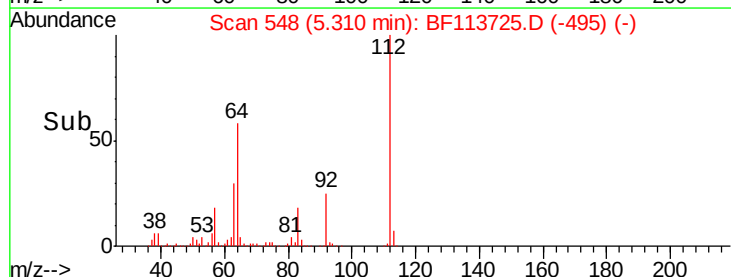
#5

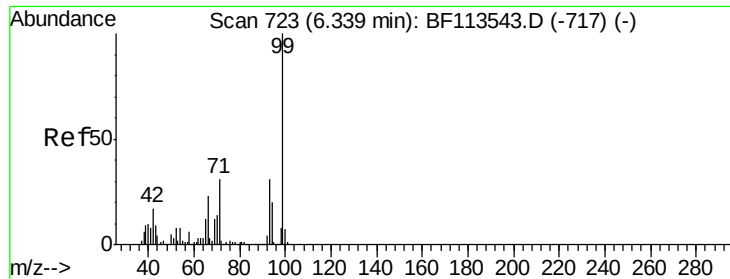
2-Fluorophenol
Concen: 113.125 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113725.D
Acq: 11 Apr 2019 17:33

Tgt Ion:112 Resp: 776737
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 29.8 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: 28.822 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SU-04-040919-BRE

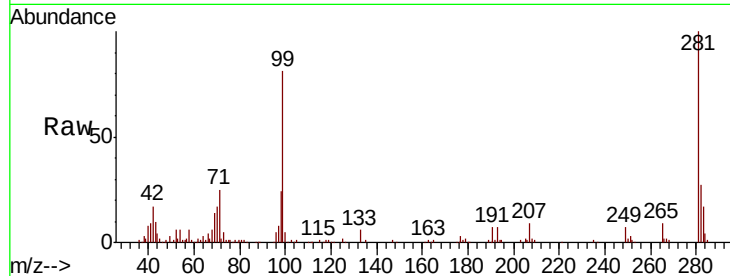
Tot Ion: 99 Resp: 243907

Ion Ratio Lower Upper

99 100

42 21.4 14.8 22.2

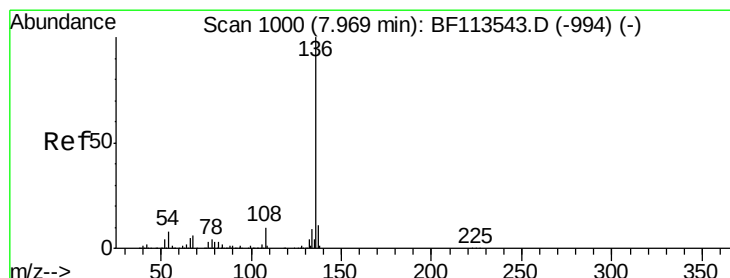
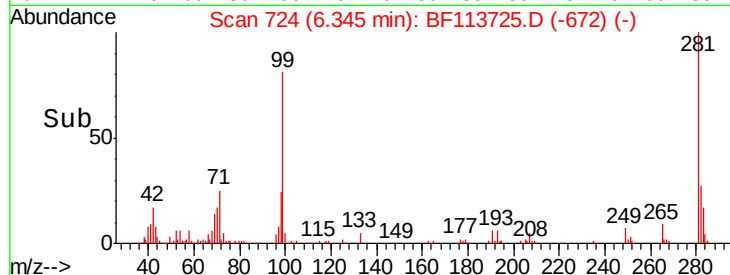
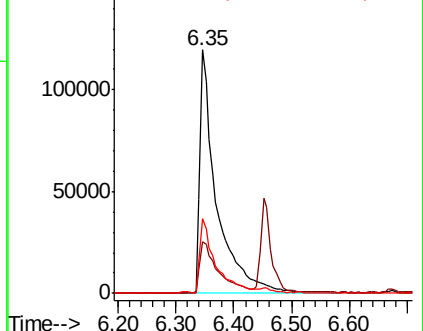
71 30.5 24.9 37.3



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: BF113725.D

Acq: 11 Apr 2019 17:33

Tgt Ion: 136 Resp: 385409

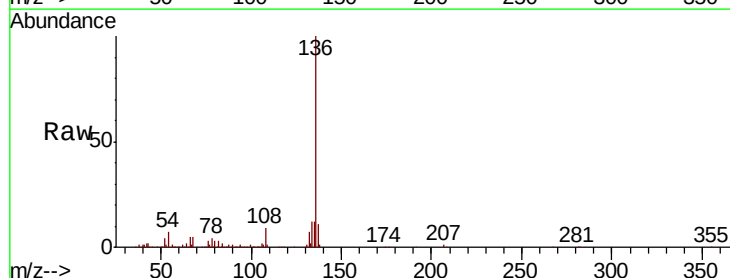
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 7.0 10.6

68 5.4 4.8 7.2

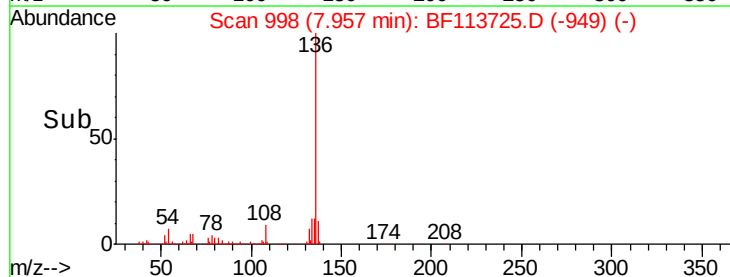
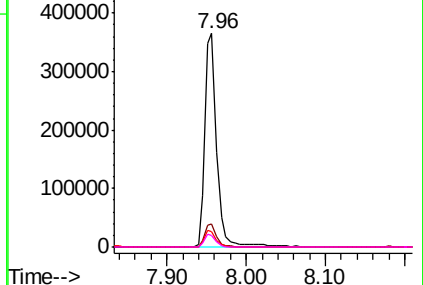


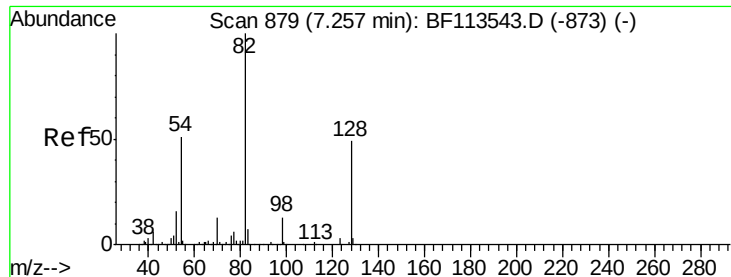
Abundance Ion 136.00 (135.70 to 136.70): E

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

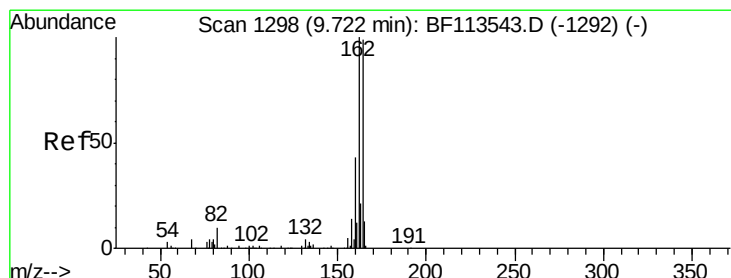
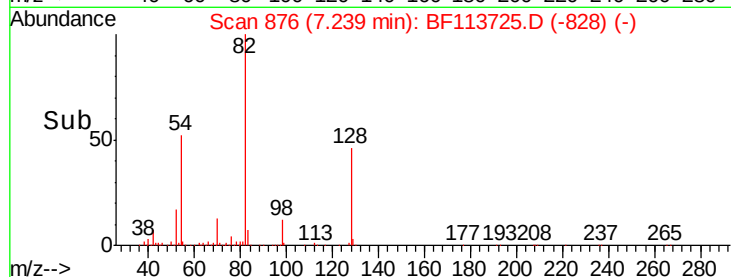
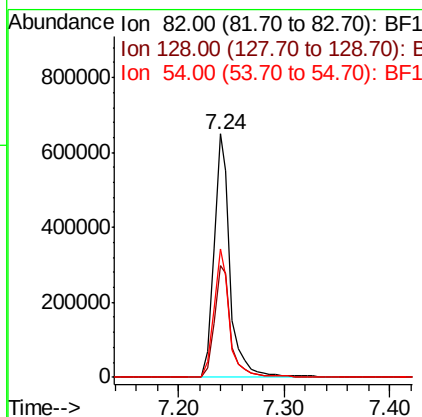
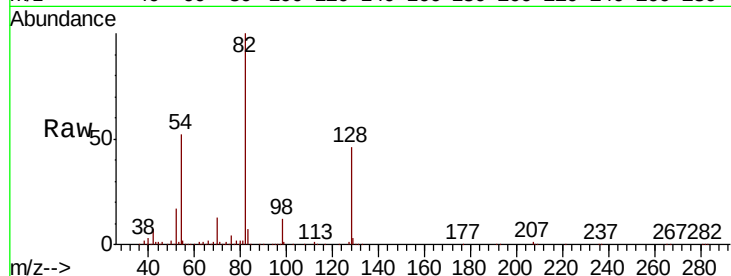




#23
 Nitrobenzene-d5
 Concen: 106.651 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

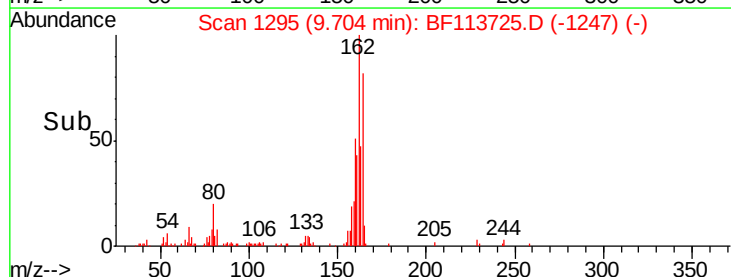
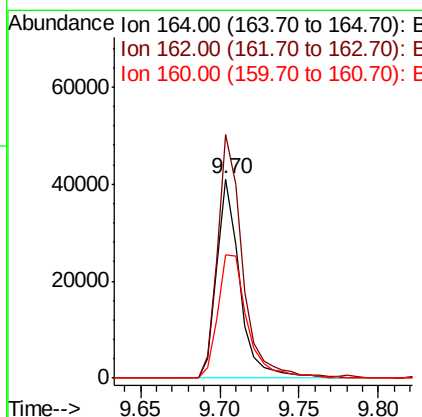
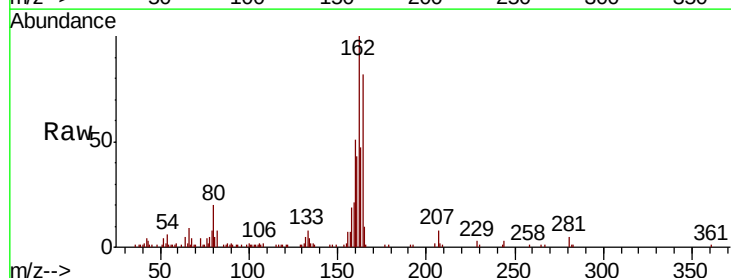
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-040919-BRE

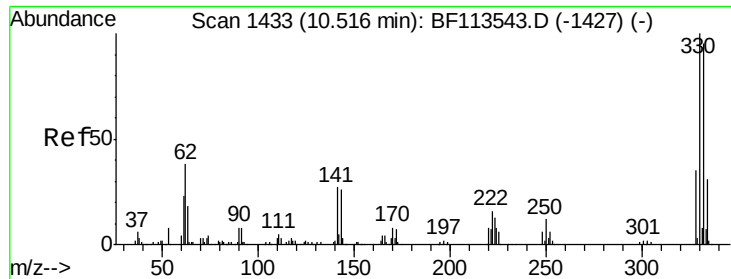
Tot Ion	82	Resp	701737
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.5	54.7
54	52.5	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Tgt Ion	164	Resp	41571
Ion Ratio	Lower	Upper	
164	100		
162	122.1	81.8	122.6
160	61.9	36.4	54.6

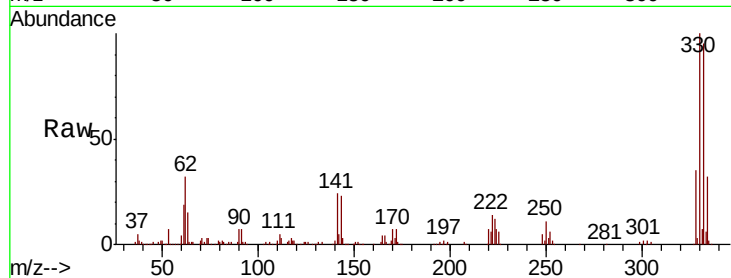




#42
 2,4,6-Tribromophenol
 Concen: 723.984 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-040919-BRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	27.3	22.7	34.1

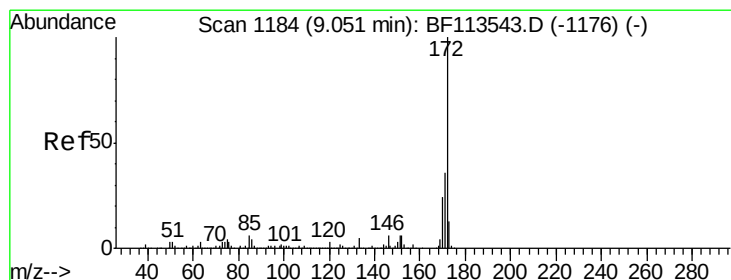
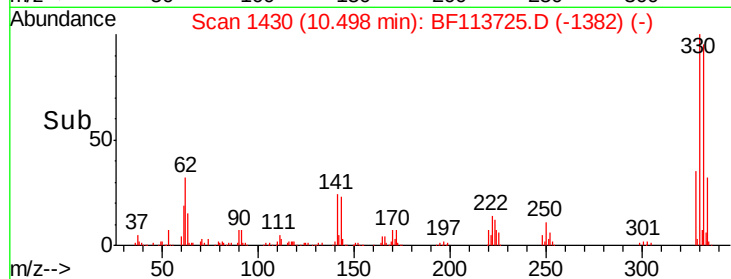
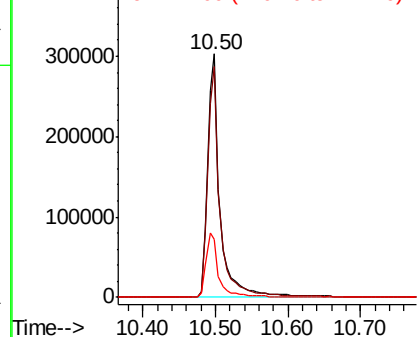


Abundance

Ion 329.80 (329.50 to 330.50): E

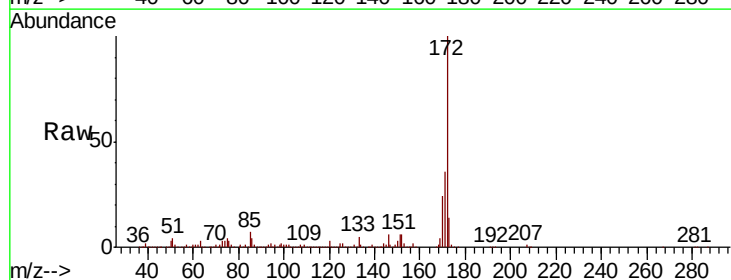
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 502.349 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113725.D
 Acq: 11 Apr 2019 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.5	29.3

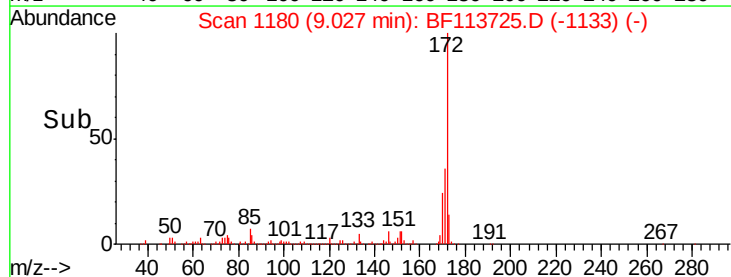
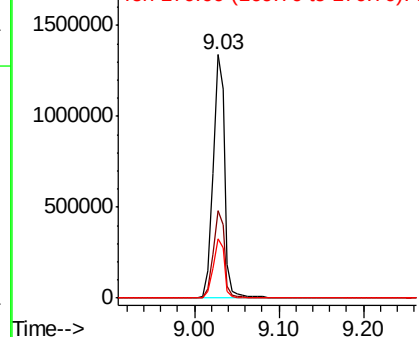


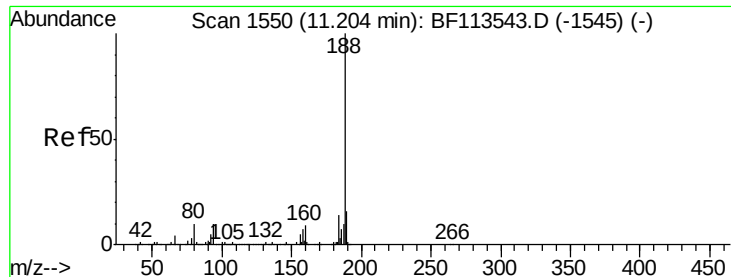
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

BNA_F

ClientSampleId :

SU-04-040919-BRE

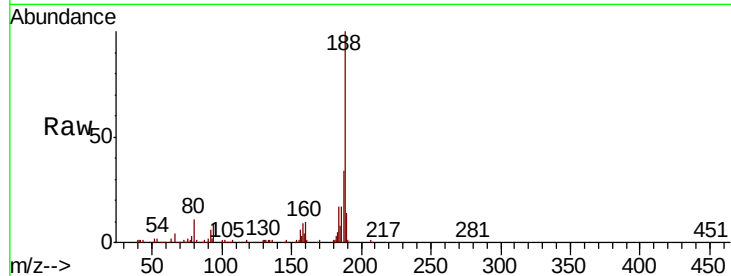
Tot Ion:188 Resp: 156139

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

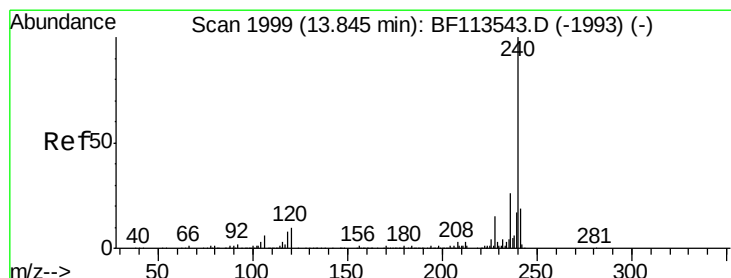
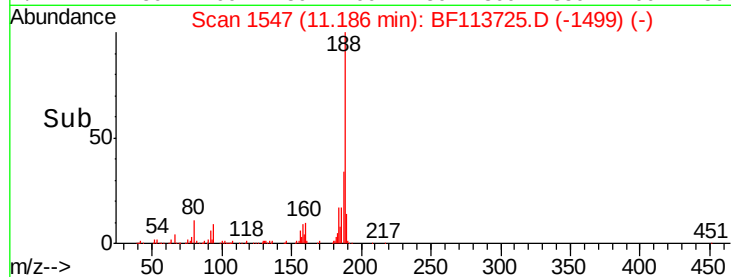
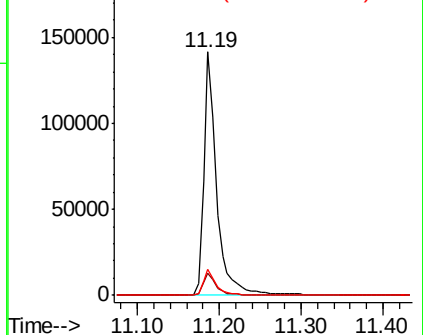
80 10.5 7.7 11.5



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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

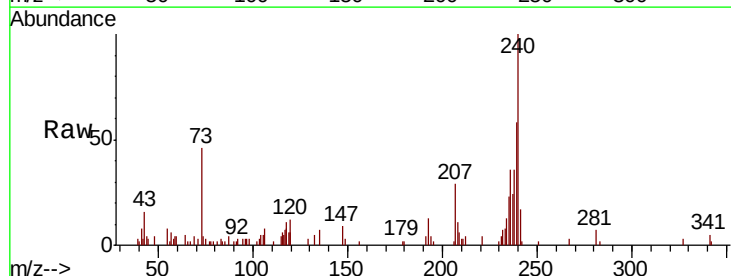
Tgt Ion:240 Resp: 23300

Ion Ratio Lower Upper

240 100

120 12.4 8.8 13.2

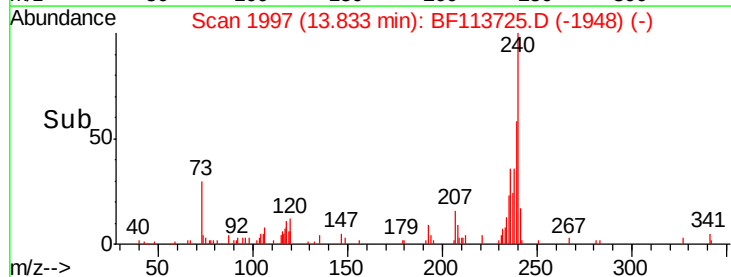
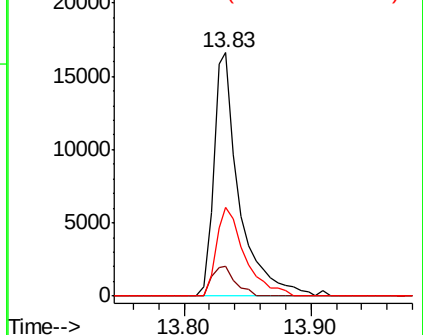
236 36.4 20.9 31.3#

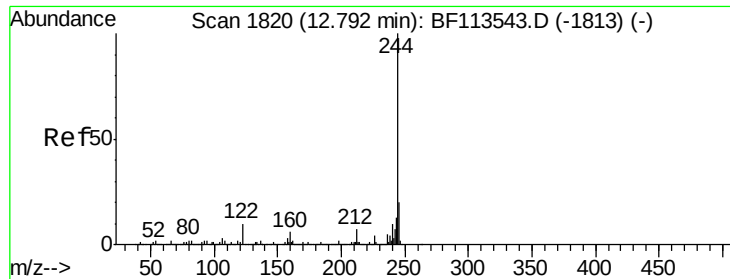


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 428.420 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

Instrument :

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ClientSampleId :

SU-04-040919-BRE

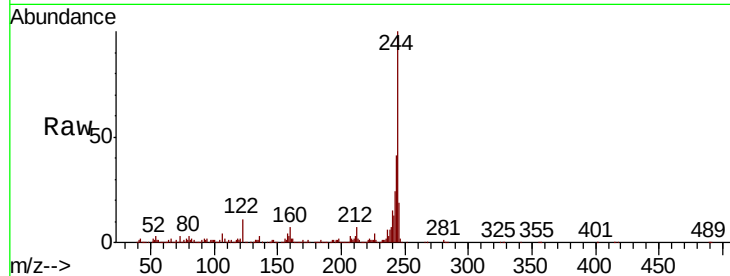
Tot Ion:244 Resp: 490281

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

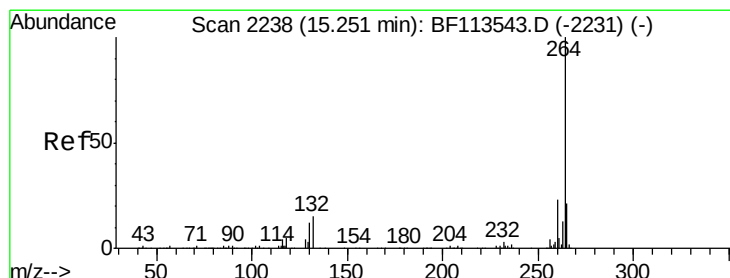
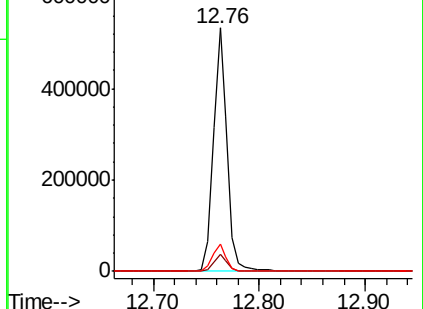
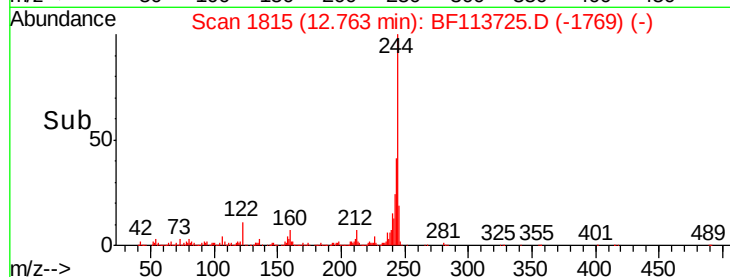
122 11.4 8.6 13.0



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: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF113725.D

Acq: 11 Apr 2019 17:33

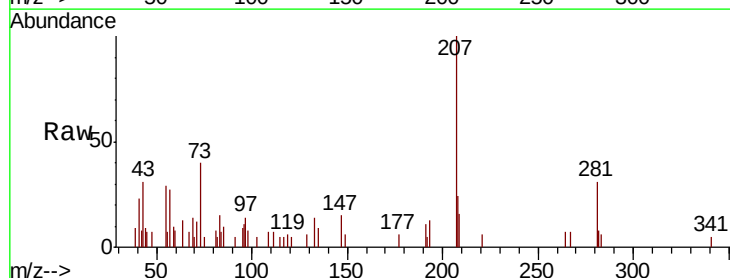
Tgt Ion:264 Resp: 393

Ion Ratio Lower Upper

264 100

260 0.0 19.1 28.7#

265 0.0 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

