

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113717.D
 Acq On : 11 Apr 2019 13:43
 Operator : JU/SJ
 Sample : K2355-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Quant Time: Apr 12 01:34:05 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

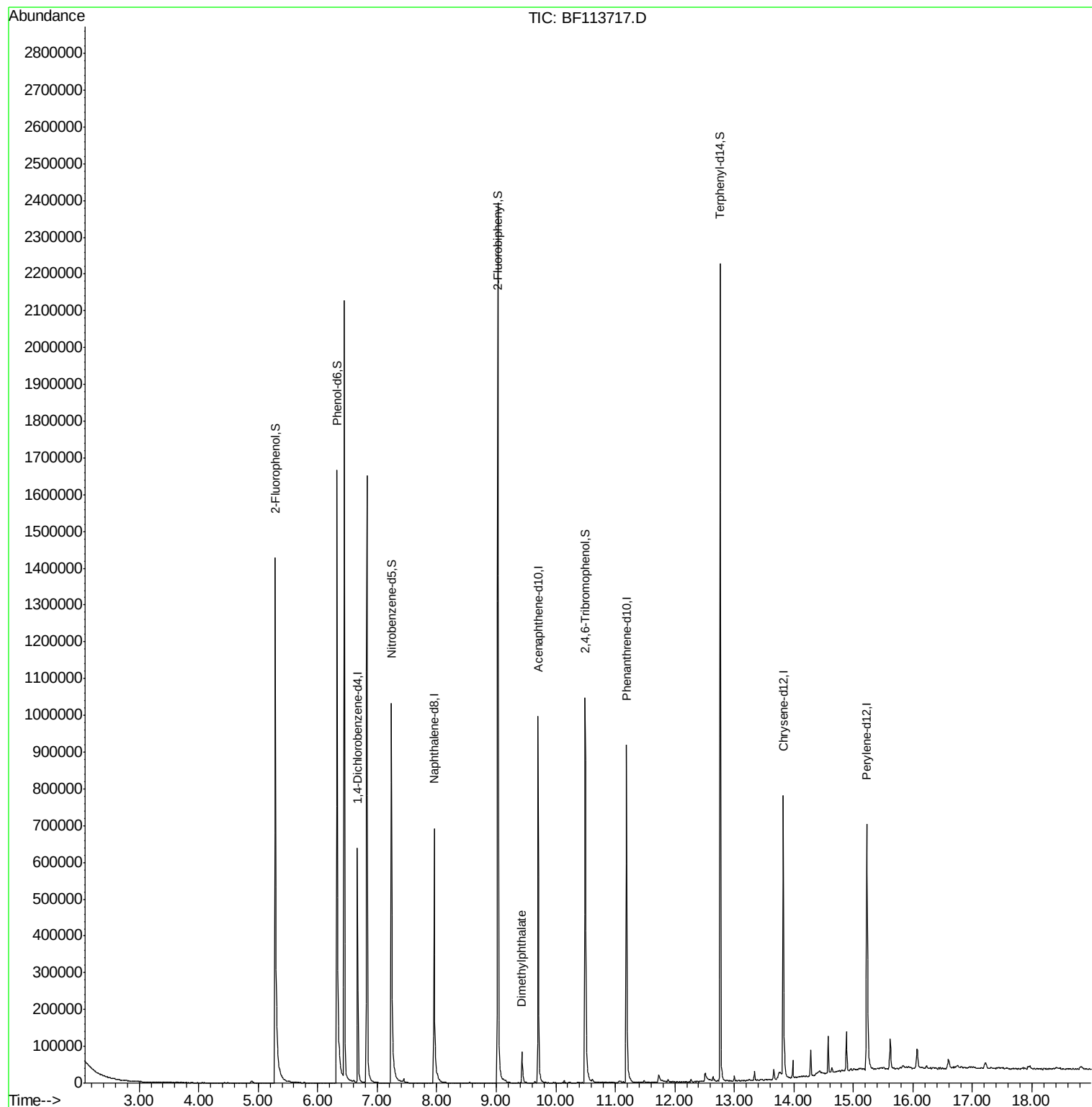
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	116067	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	443754	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	214327	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	437489	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	333190	20.00	ng	-0.02
87) Perylene-d12	15.23	264	329927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	556039	81.69	ng	-0.01
7) Phenol-d6	6.32	99	740194	88.23	ng	-0.02
23) Nitrobenzene-d5	7.24	82	435207	57.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	185783	72.16	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	807792	60.68	ng	-0.02
79) Terphenyl-d14	12.76	244	819897	50.10	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.43	163	55011	3.482	ng	Qvalue 100

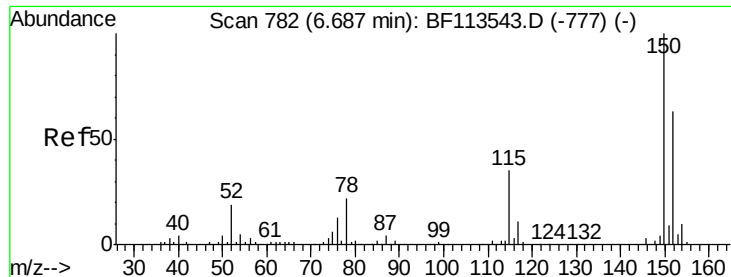
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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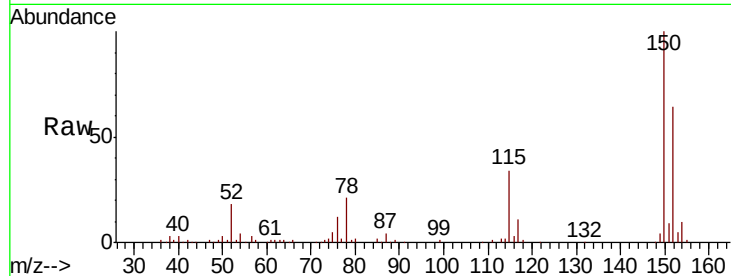


#1

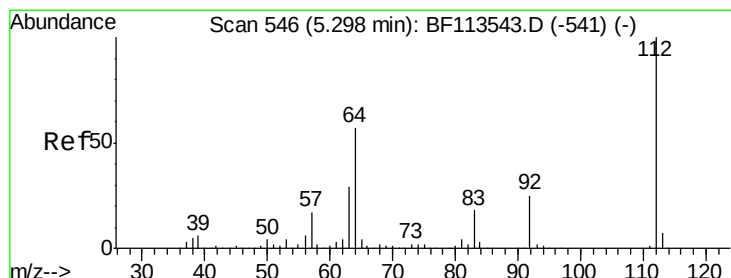
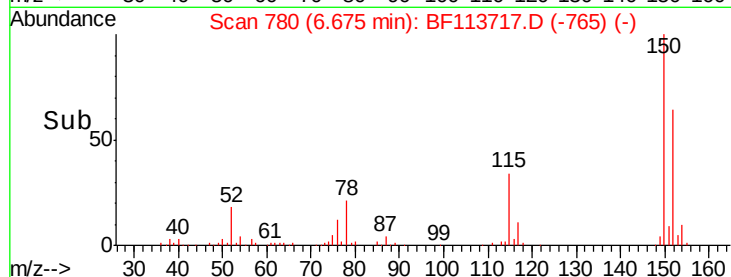
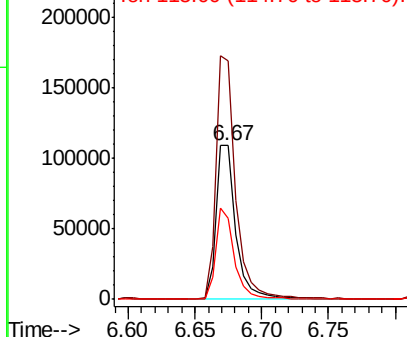
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113717.D
Acq: 11 Apr 2019 13:43

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Tot Ion:152 Resp: 116067
Ion Ratio Lower Upper
152 100
150 155.4 124.7 187.1
115 52.6 46.0 69.0



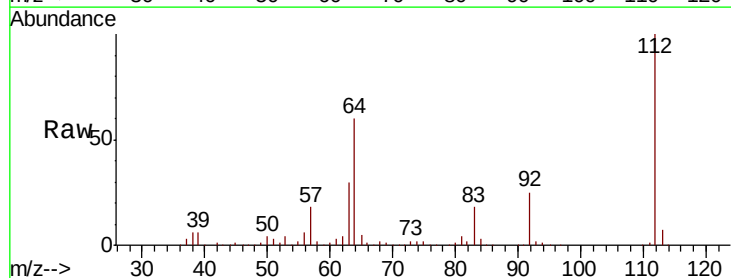
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



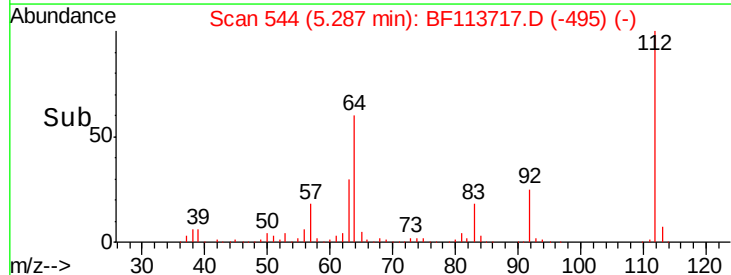
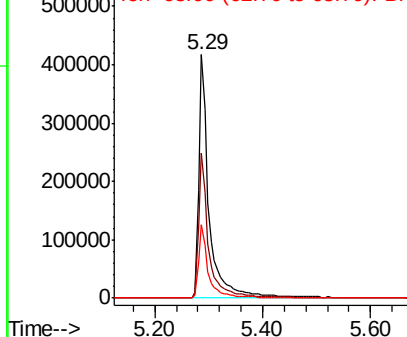
#5

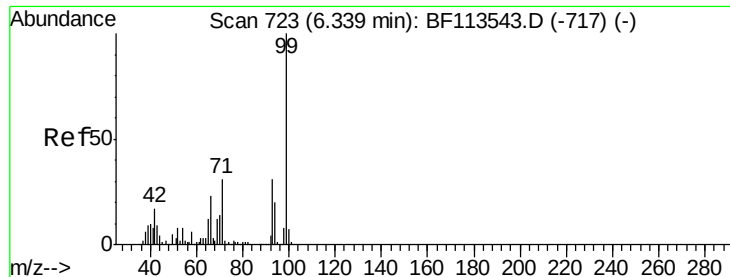
2-Fluorophenol
Concen: 81.692 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113717.D
Acq: 11 Apr 2019 13:43

Tgt Ion:112 Resp: 556039
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 30.1 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: 88.233 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF113717.D

Acq: 11 Apr 2019 13:43

Instrument :

BNA_F

ClientSampleId :

TP-9-S

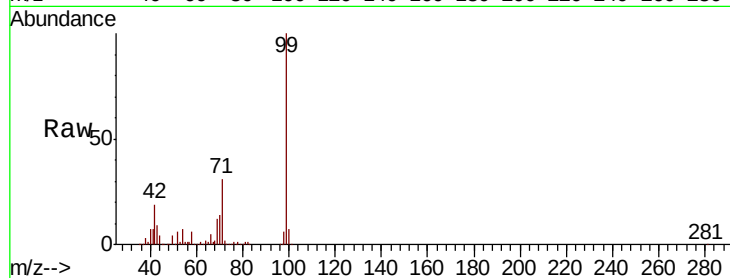
Tot Ion: 99 Resp: 740194

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

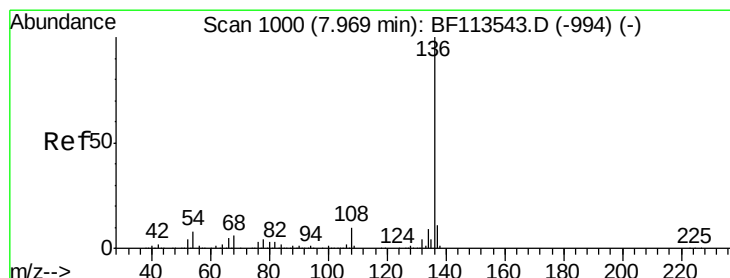
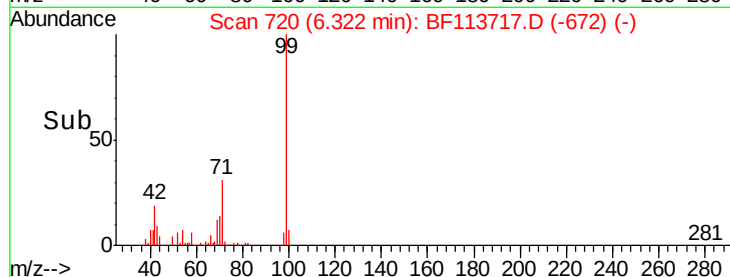
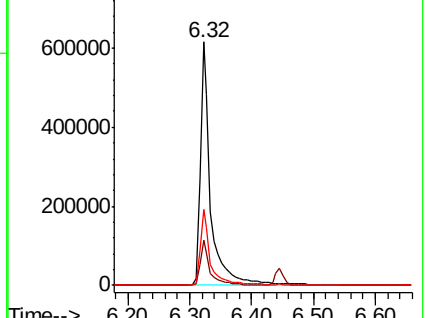
71 31.3 24.9 37.3



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: BF113717.D

Acq: 11 Apr 2019 13:43

Tgt Ion: 136 Resp: 443754

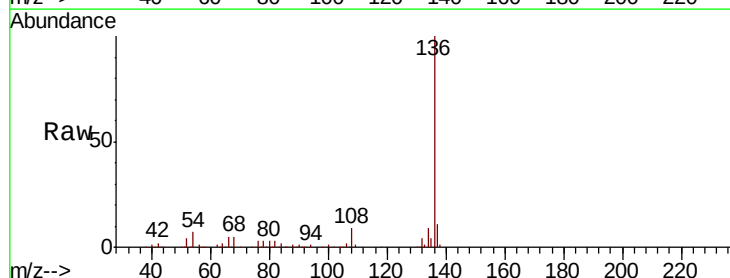
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 7.0 10.6

68 5.1 4.8 7.2

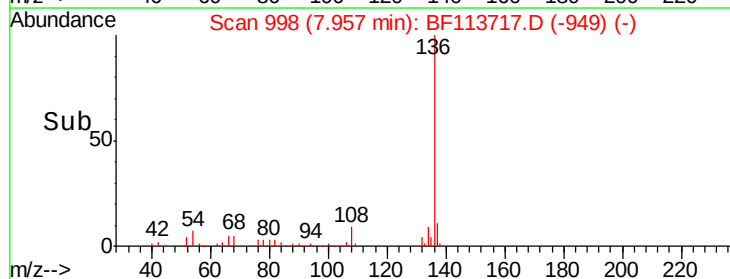
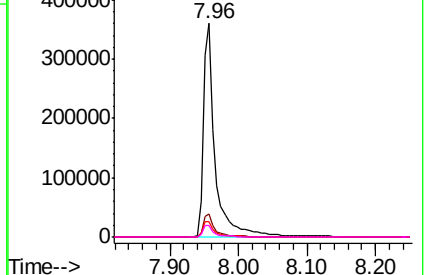


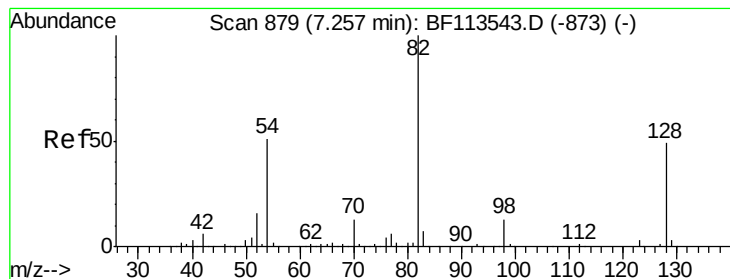
Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.447 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113717.D

Acq: 11 Apr 2019 13:43

Instrument :

BNA_F

ClientSampled :

TP-9-S

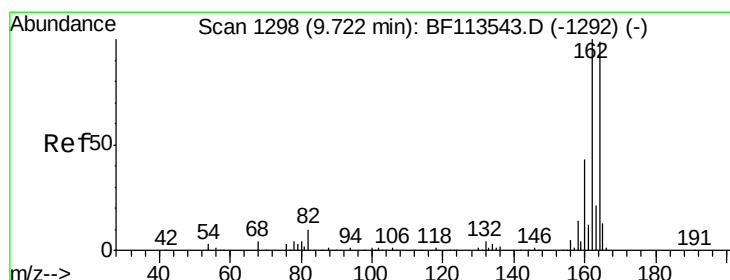
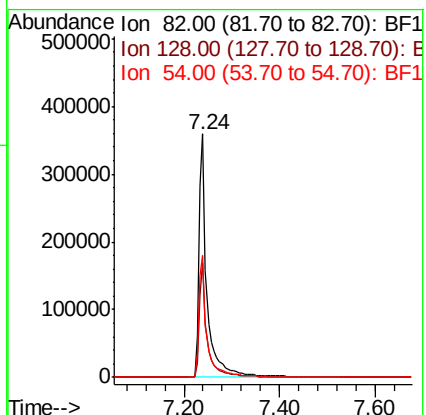
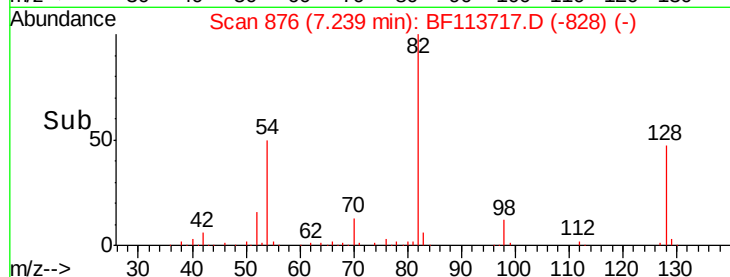
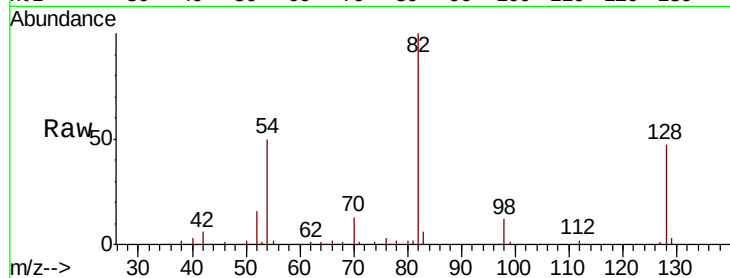
Tot Ion: 82 Resp: 435207

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

54 49.9 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: BF113717.D

Acq: 11 Apr 2019 13:43

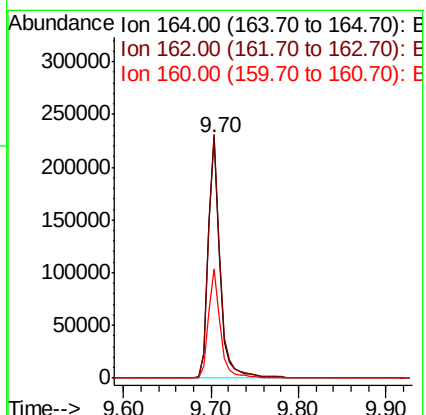
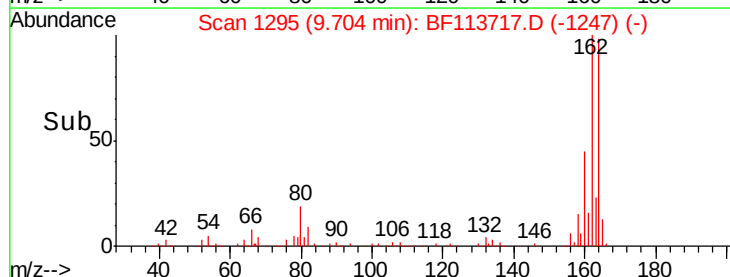
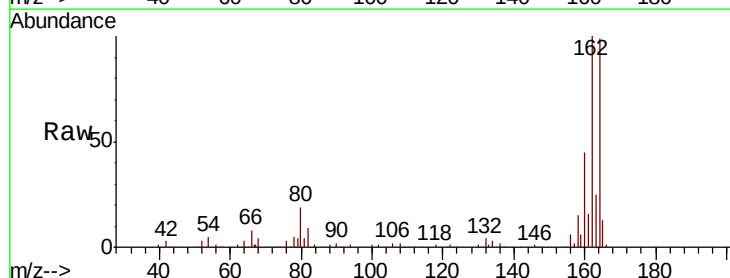
Tgt Ion: 164 Resp: 214327

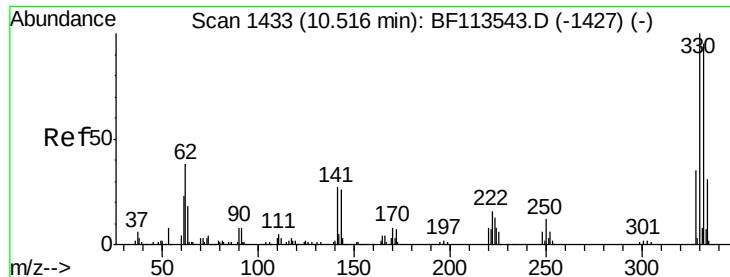
Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

160 45.3 36.4 54.6

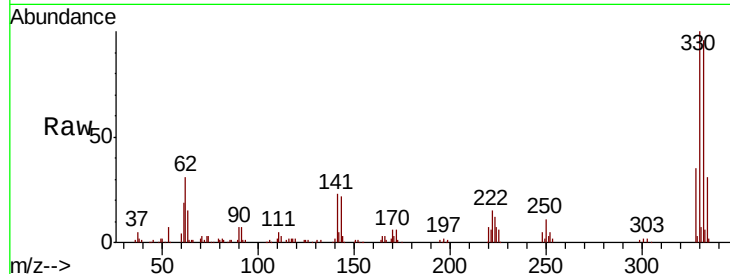




#42
 2,4,6-Tribromophenol
 Concen: 72.160 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113717.D
 Acq: 11 Apr 2019 13:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Tot Ion	330	Resp	185783
Ion Ratio	100		
Lower		77.8	
Upper		116.6	
332	95.6		
141	27.8	22.7	34.1

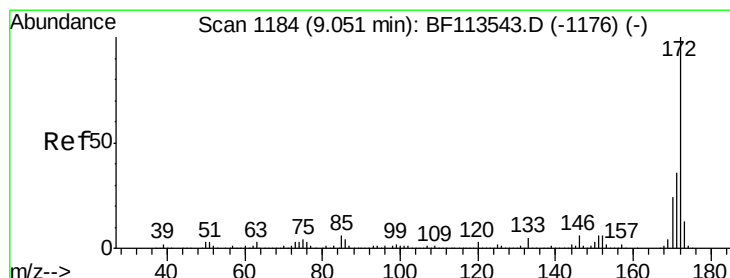
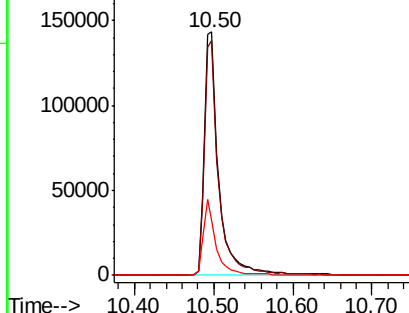
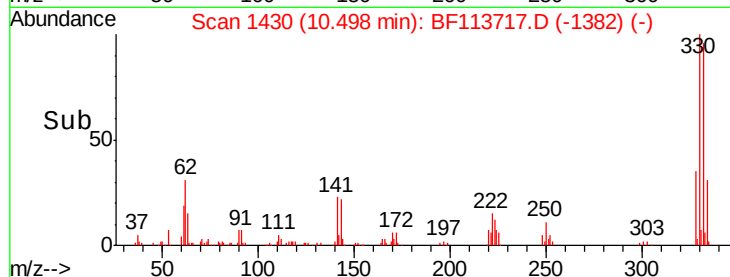


Abundance

Ion 329.80 (329.50 to 330.50): E

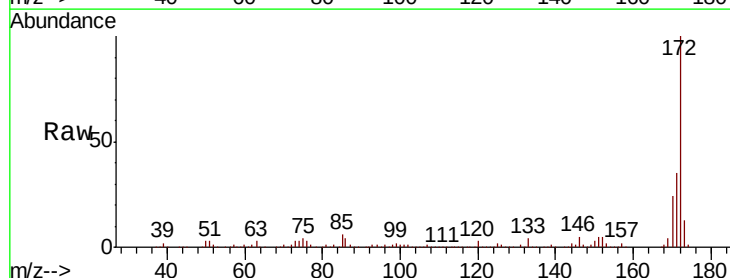
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.676 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113717.D
 Acq: 11 Apr 2019 13:43

Tgt Ion	172	Resp	807792
Ion Ratio	100		
Lower		29.0	
Upper		43.6	
171	34.9		
170	23.5	19.5	29.3

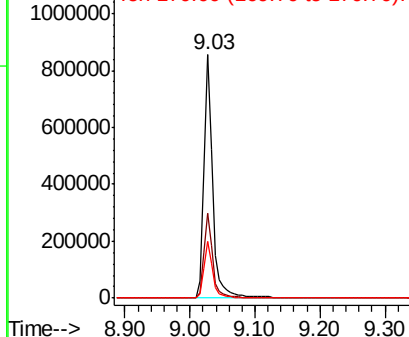
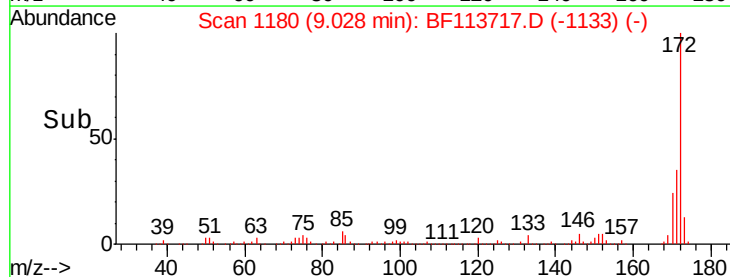


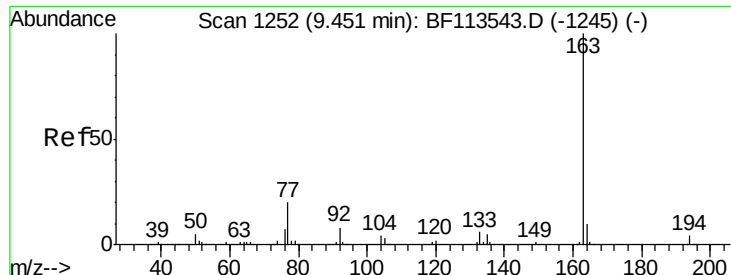
Abundance

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

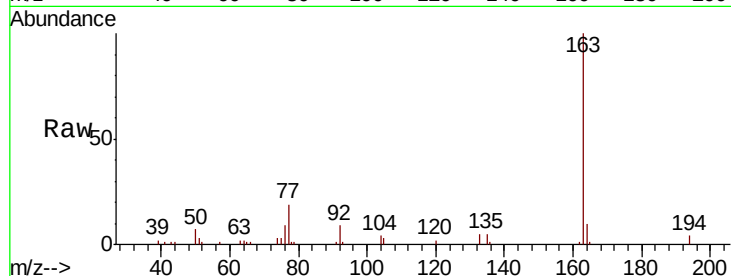




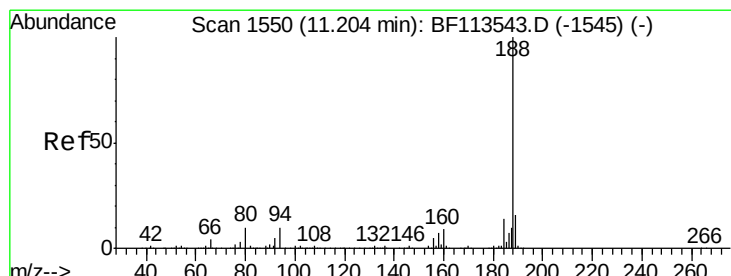
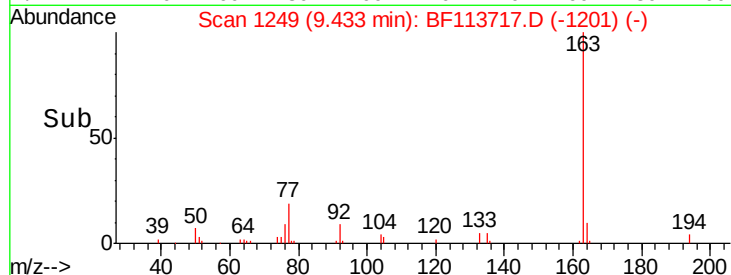
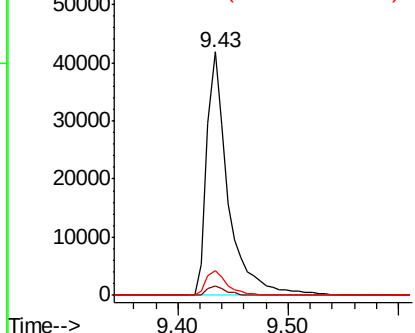
#50
Dimethylphthalate
Concen: 3.482 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113717.D
Acq: 11 Apr 2019 13:43

Instrument :
BNA_F
ClientSampled :
TP-9-S

Tot Ion:163 Resp: 55011
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 8.1 12.1

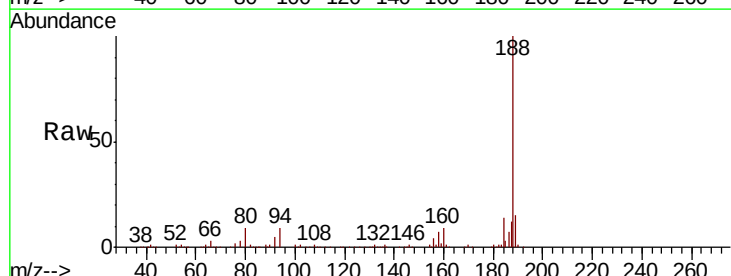


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

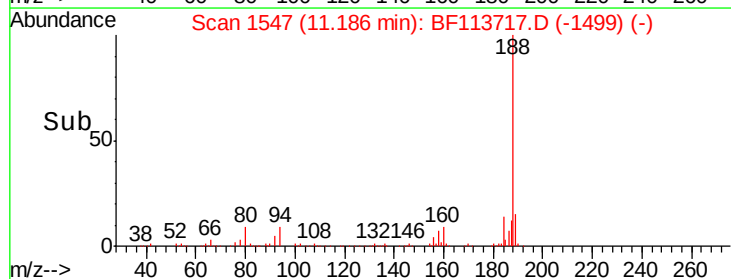
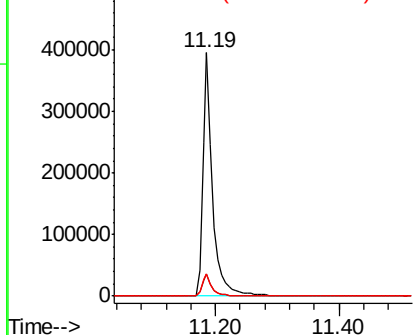


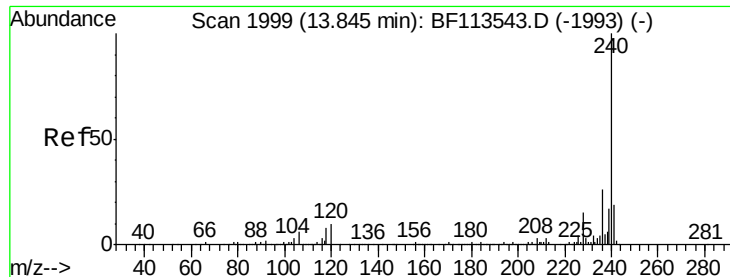
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113717.D
Acq: 11 Apr 2019 13:43

Tgt Ion:188 Resp: 437489
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.0 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: BF113717.D

Acq: 11 Apr 2019 13:43

Instrument :

BNA_F

ClientSampleId :

TP-9-S

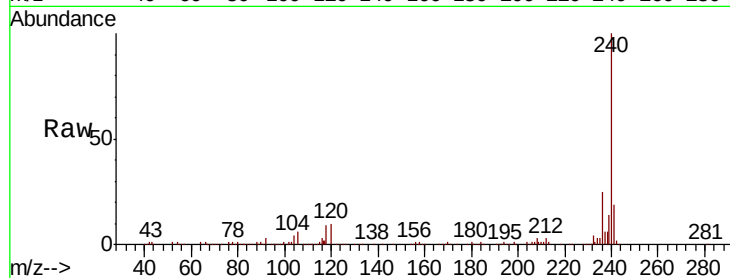
Tot Ion:240 Resp: 333190

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

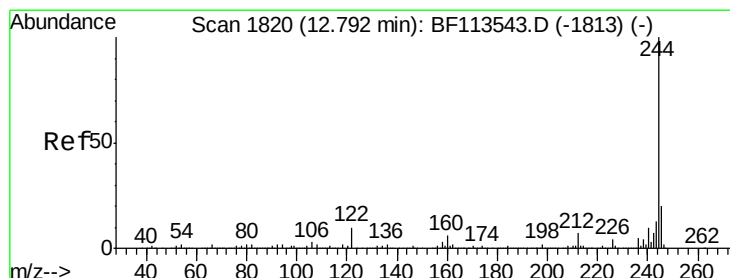
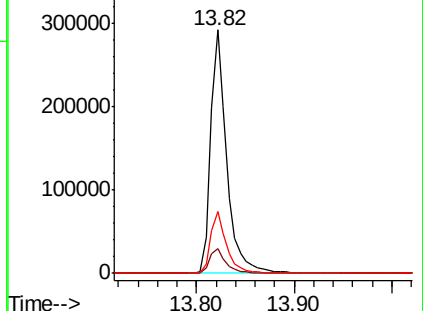
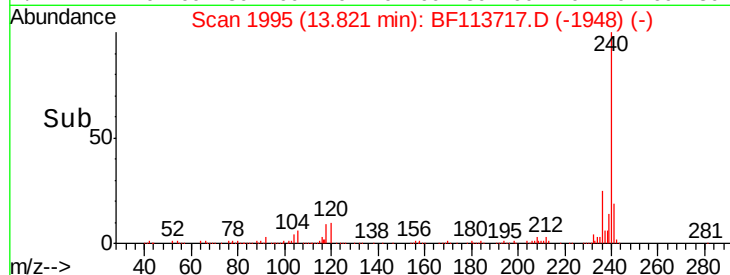
236 25.4 20.9 31.3



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: 50.101 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113717.D

Acq: 11 Apr 2019 13:43

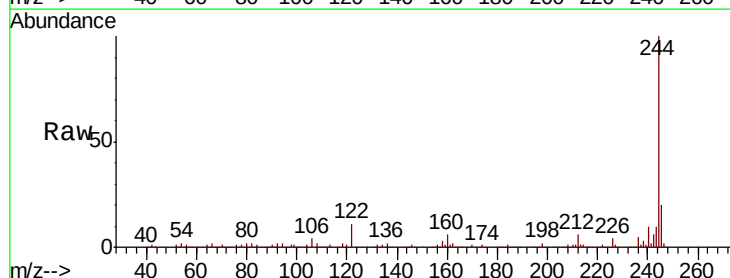
Tgt Ion:244 Resp: 819897

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

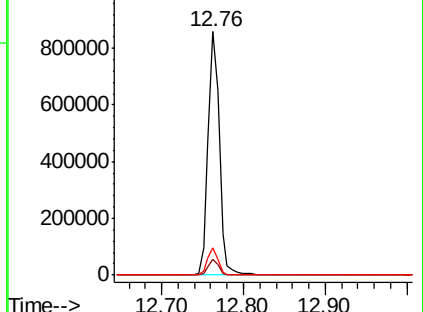
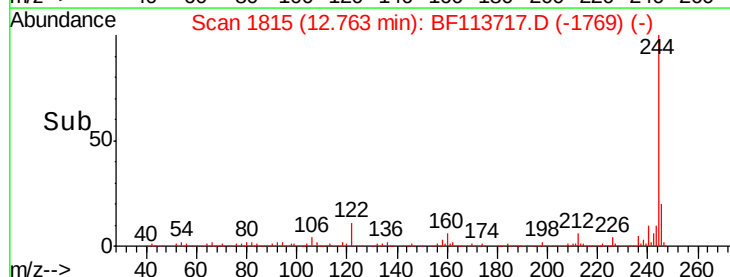
122 11.1 8.6 13.0

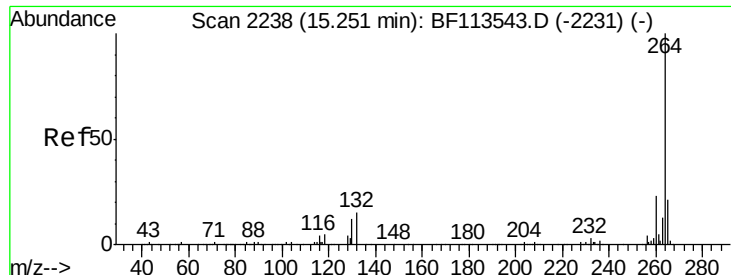


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113717.D
Acq: 11 Apr 2019 13:43

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	17.1	25.7

