

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113741.D
 Acq On : 12 Apr 2019 16:31
 Operator : JU/SJ
 Sample : K2355-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Quant Time: Apr 13 02:03:31 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	105346	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	405646	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	195967	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	398584	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	300652	20.00	ng	-0.02
87) Perylene-d12	15.23	264	319782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	656942	106.34	ng	0.00
7) Phenol-d6	6.33	99	742464	97.51	ng	-0.01
23) Nitrobenzene-d5	7.24	82	584361	84.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	302548	128.52	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1090062	89.55	ng	-0.02
79) Terphenyl-d14	12.77	244	1217179	82.43	ng	-0.02

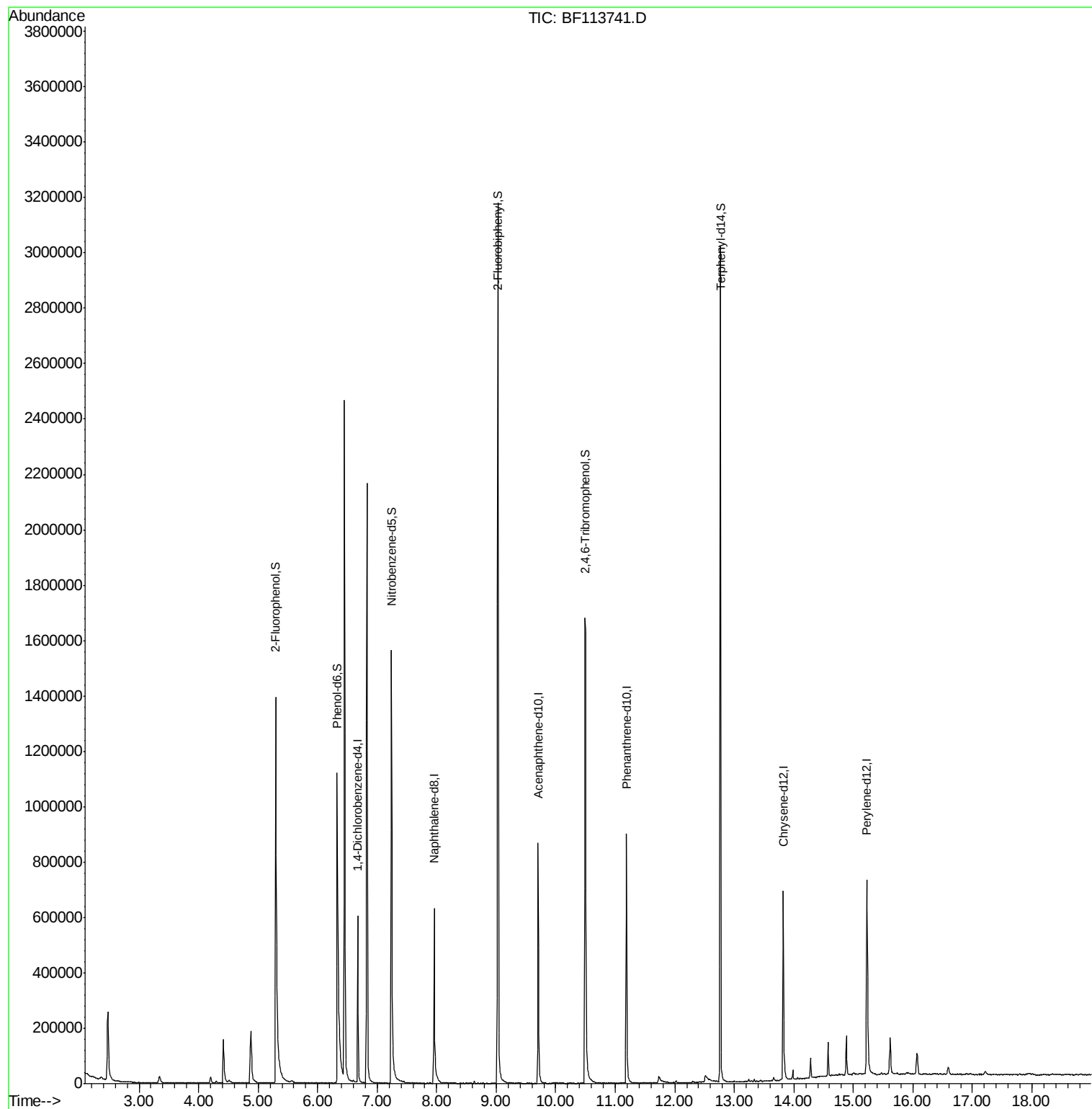
Target Compounds	Qvalue
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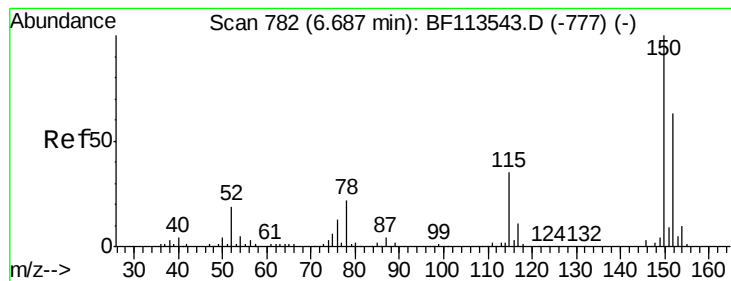
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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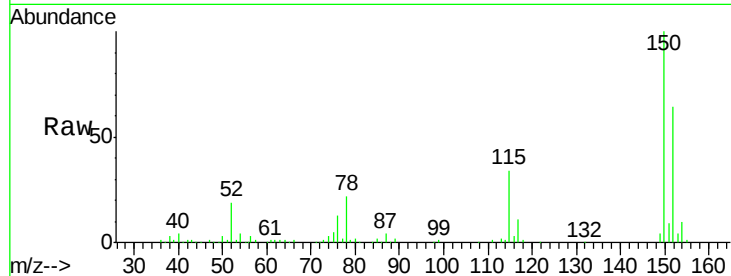


#1

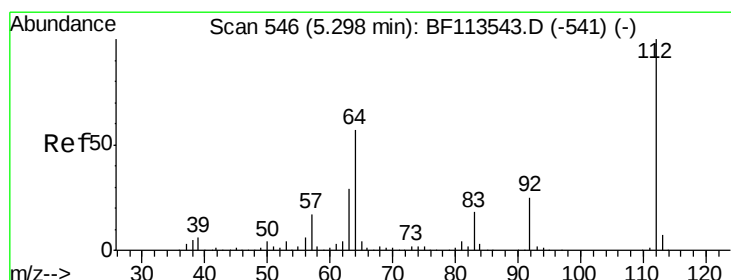
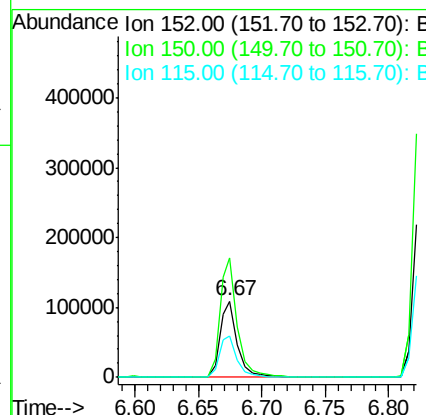
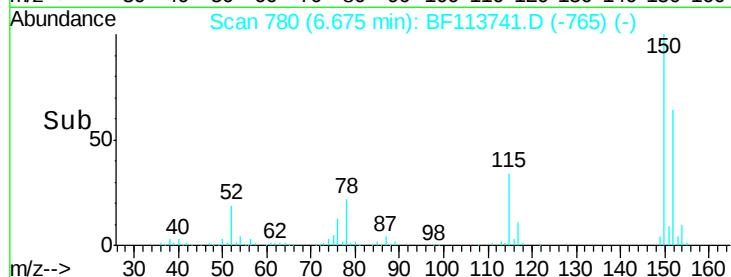
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113741.D
Acq: 12 Apr 2019 16:31

Instrument :
BNA_F
ClientSampleId :
TP-9-S

Tgt Ion:152 Resp: 105346
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 53.5 46.0 69.0



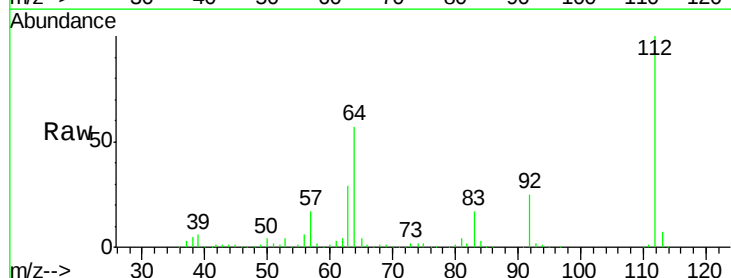
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



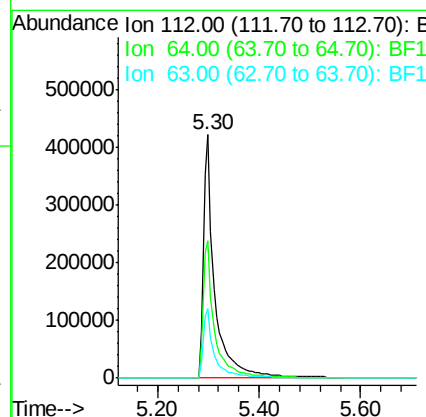
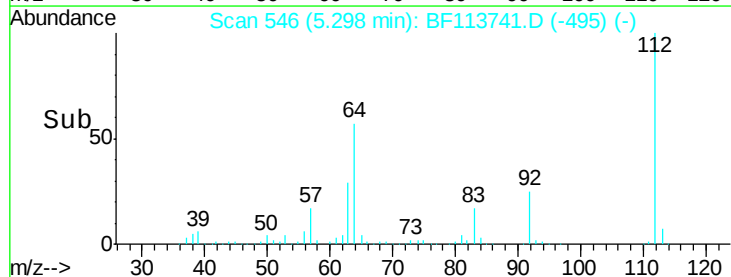
#5

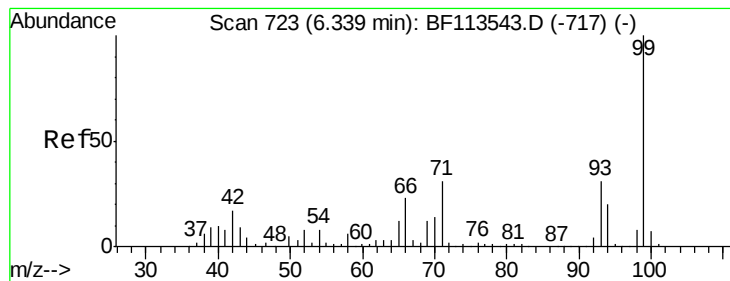
2-Fluorophenol
Concen: 106.339 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113741.D
Acq: 12 Apr 2019 16:31

Tgt Ion:112 Resp: 656942
Ion Ratio Lower Upper
112 100
64 56.5 49.2 73.8
63 28.6 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: 97.510 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113741.D

Acq: 12 Apr 2019 16:31

Instrument :

BNA_F

ClientSampled :

TP-9-S

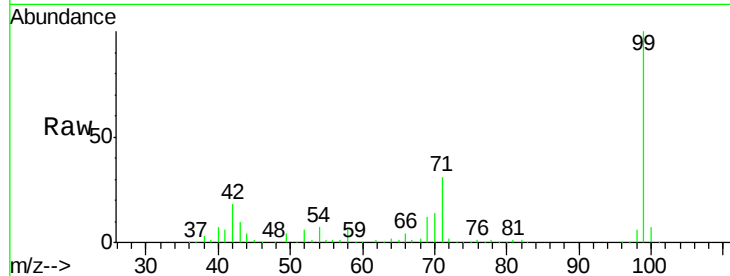
Tgt Ion: 99 Resp: 742464

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

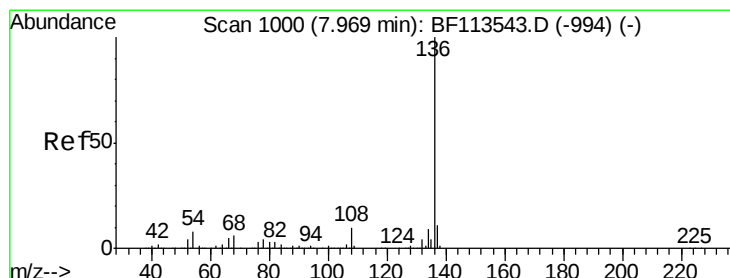
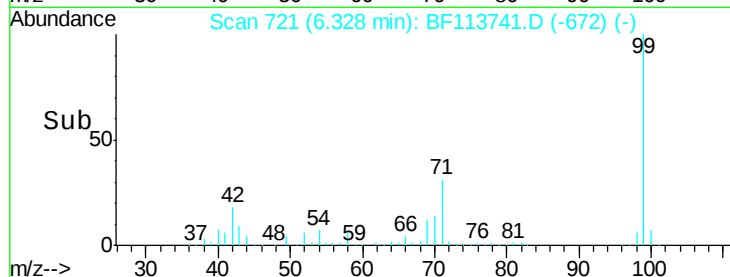
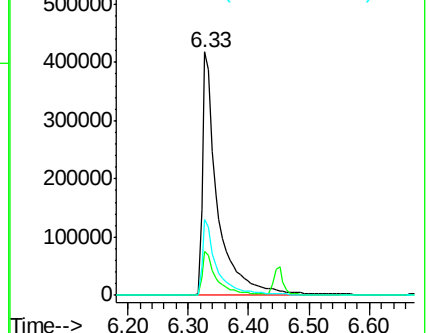
71 30.9 24.9 37.3



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: BF113741.D

Acq: 12 Apr 2019 16:31

Tgt Ion: 136 Resp: 405646

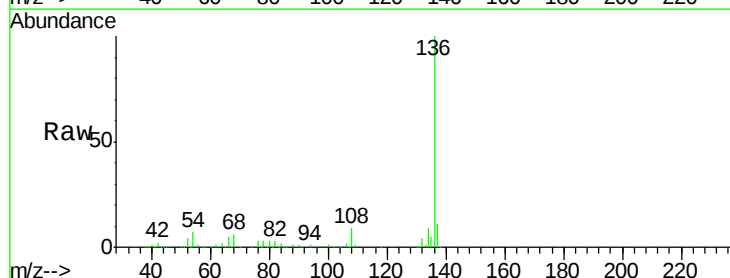
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 7.0 10.6

68 5.8 4.8 7.2

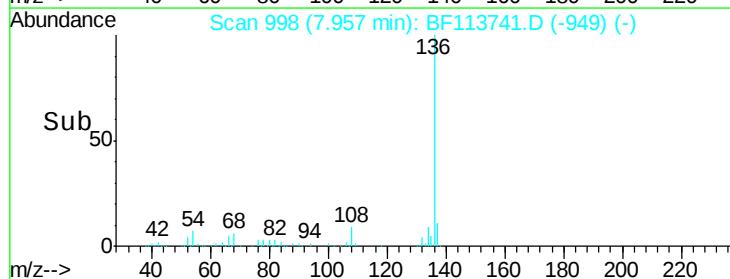
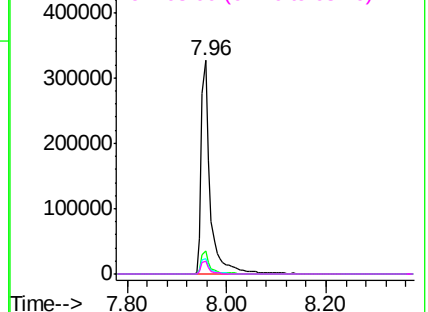


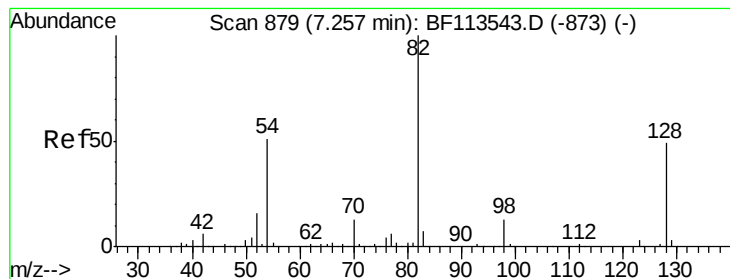
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.382 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113741.D

Acq: 12 Apr 2019 16:31

Instrument :

BNA_F

ClientSampleId :

TP-9-S

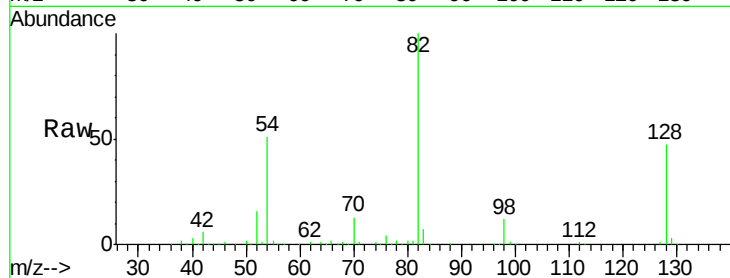
Tgt Ion: 82 Resp: 584361

Ion Ratio Lower Upper

82 100

128 46.6 36.5 54.7

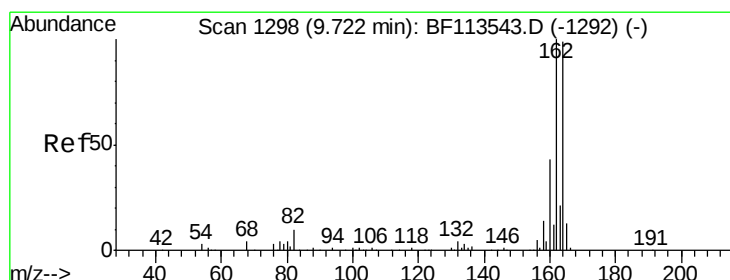
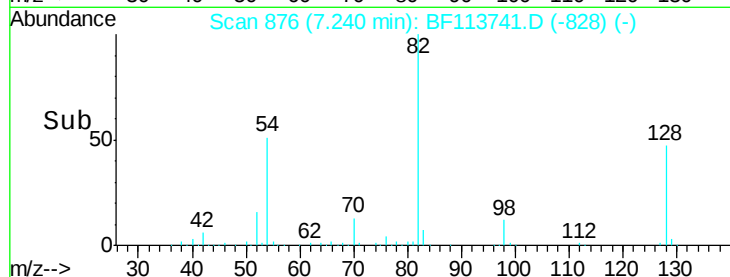
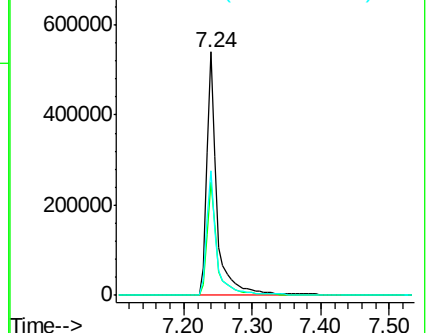
54 51.4 42.2 63.2



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: BF113741.D

Acq: 12 Apr 2019 16:31

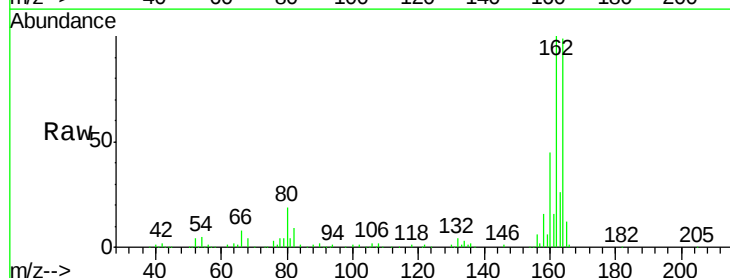
Tgt Ion: 164 Resp: 195967

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

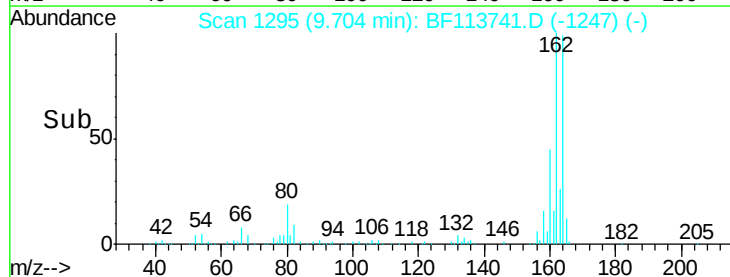
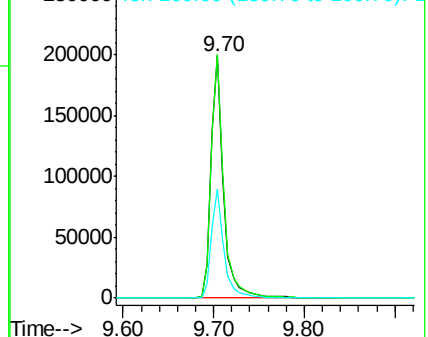
160 45.0 36.4 54.6

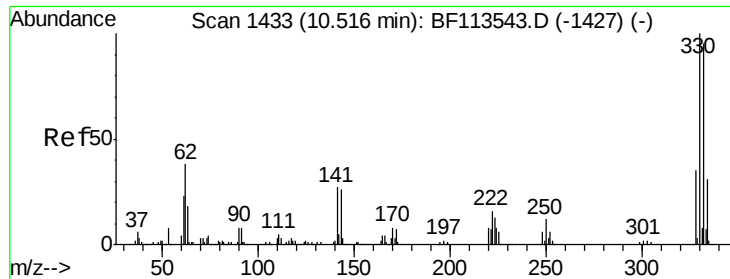


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

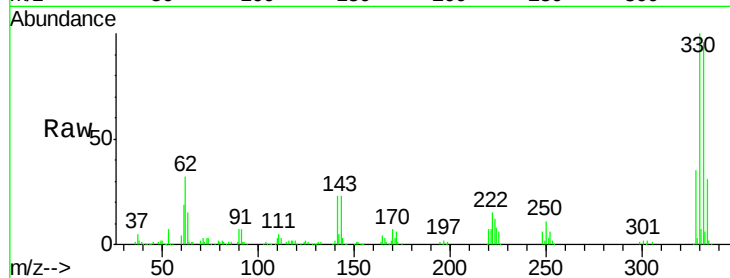




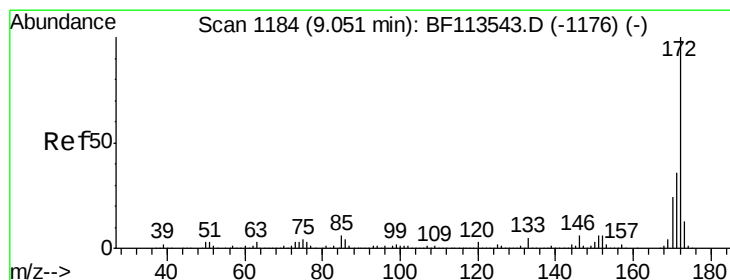
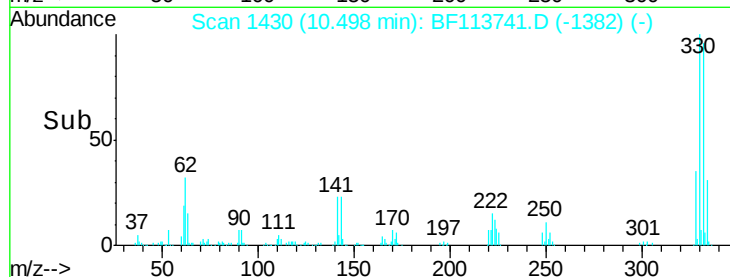
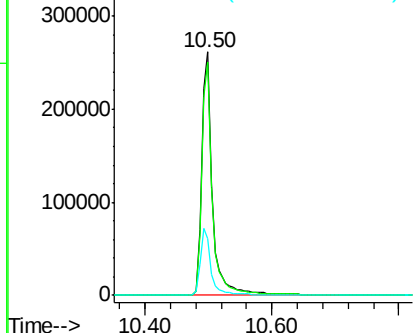
#42
 2,4,6-Tribromophenol
 Concen: 128.523 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113741.D
 Acq: 12 Apr 2019 16:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Tgt Ion:330 Resp: 302548
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 27.5 22.7 34.1

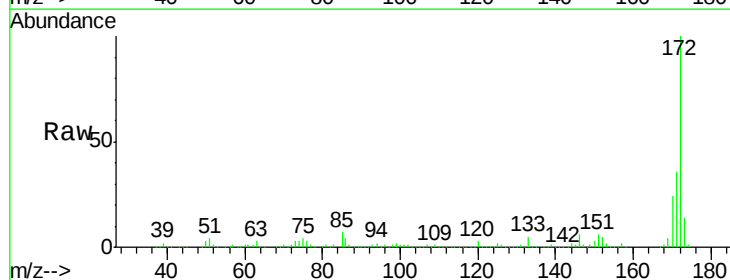


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

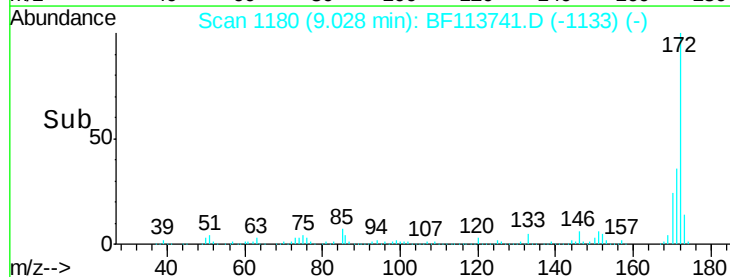
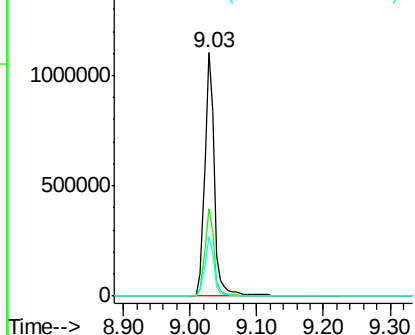


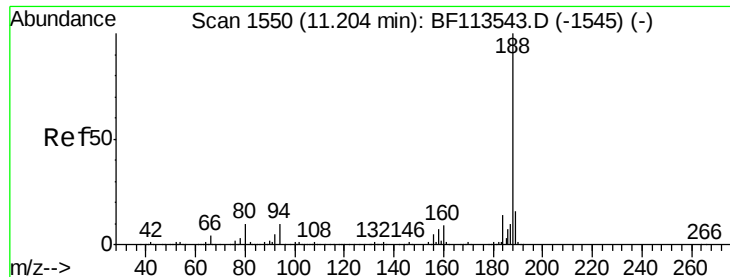
#45
 2-Fluorobiphenyl
 Concen: 89.550 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113741.D
 Acq: 12 Apr 2019 16:31

Tgt Ion:172 Resp: 1090062
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.2 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

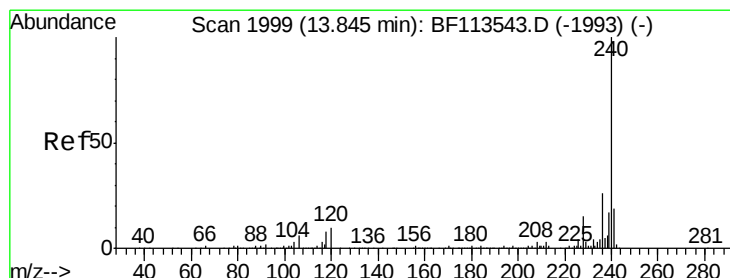
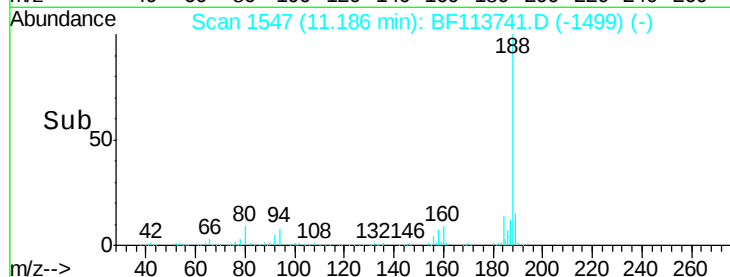
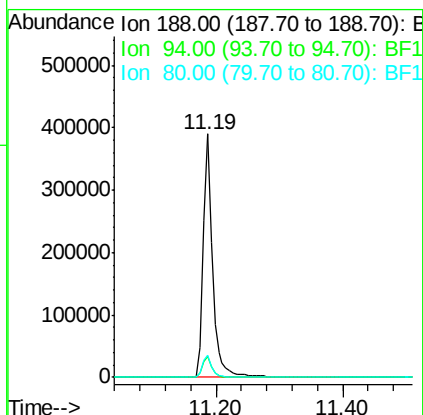
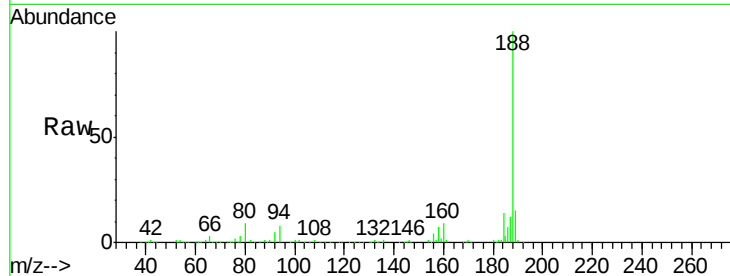




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113741.D
Acq: 12 Apr 2019 16:31

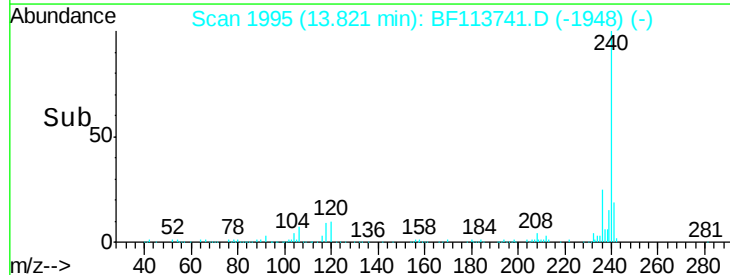
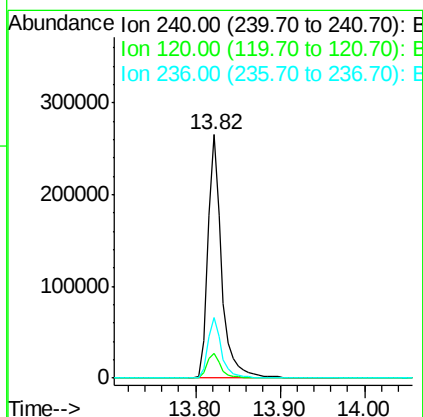
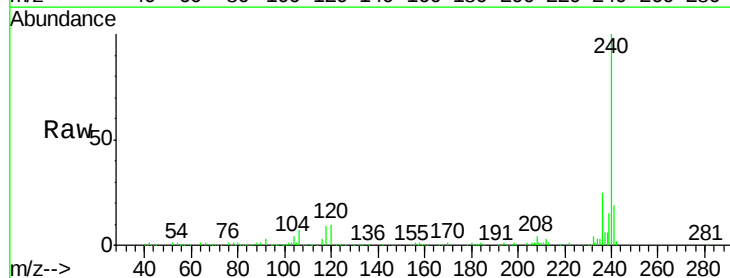
Instrument :
BNA_F
ClientSampled :
TP-9-S

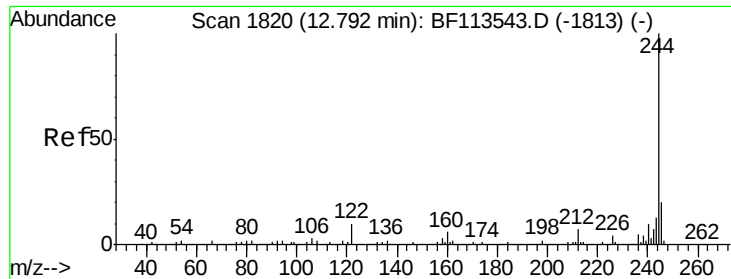
Tgt Ion:188 Resp: 398584
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113741.D
Acq: 12 Apr 2019 16:31

Tgt Ion:240 Resp: 300652
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 24.9 20.9 31.3

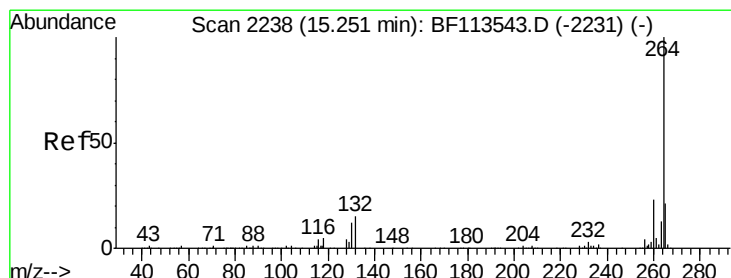
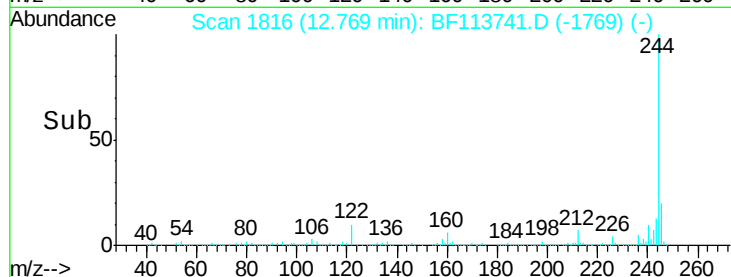
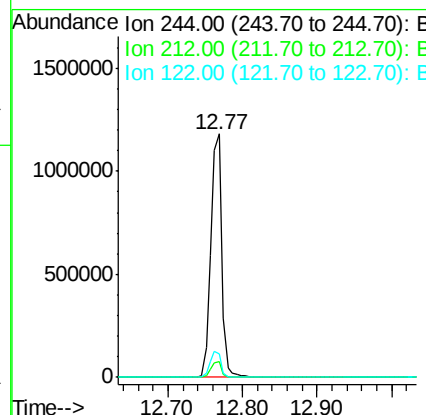
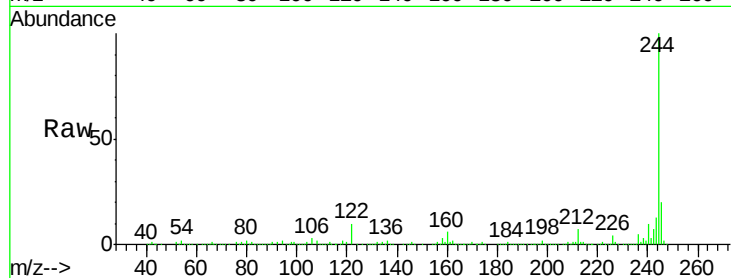




#79
 Terphenyl-d14
 Concen: 82.427 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113741.D
 Acq: 12 Apr 2019 16:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-S

Tgt Ion:244 Resp: 1217179
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 9.8 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113741.D
 Acq: 12 Apr 2019 16:31

Tgt Ion:264 Resp: 319782
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 20.6 17.1 25.7

