

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113746.D
 Acq On : 12 Apr 2019 18:57
 Operator : JU/SJ
 Sample : K2377-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Quant Time: Apr 13 02:23:32 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	123236	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	452151	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	212969	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	417859	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	260954	20.00	ng	-0.02
87) Perylene-d12	15.23	264	328265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	810558	112.16	ng	0.00
7) Phenol-d6	6.33	99	944010	105.98	ng	-0.01
23) Nitrobenzene-d5	7.24	82	708040	91.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	351814	137.52	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1304169	98.59	ng	-0.02
79) Terphenyl-d14	12.76	244	1302526	101.63	ng	-0.03

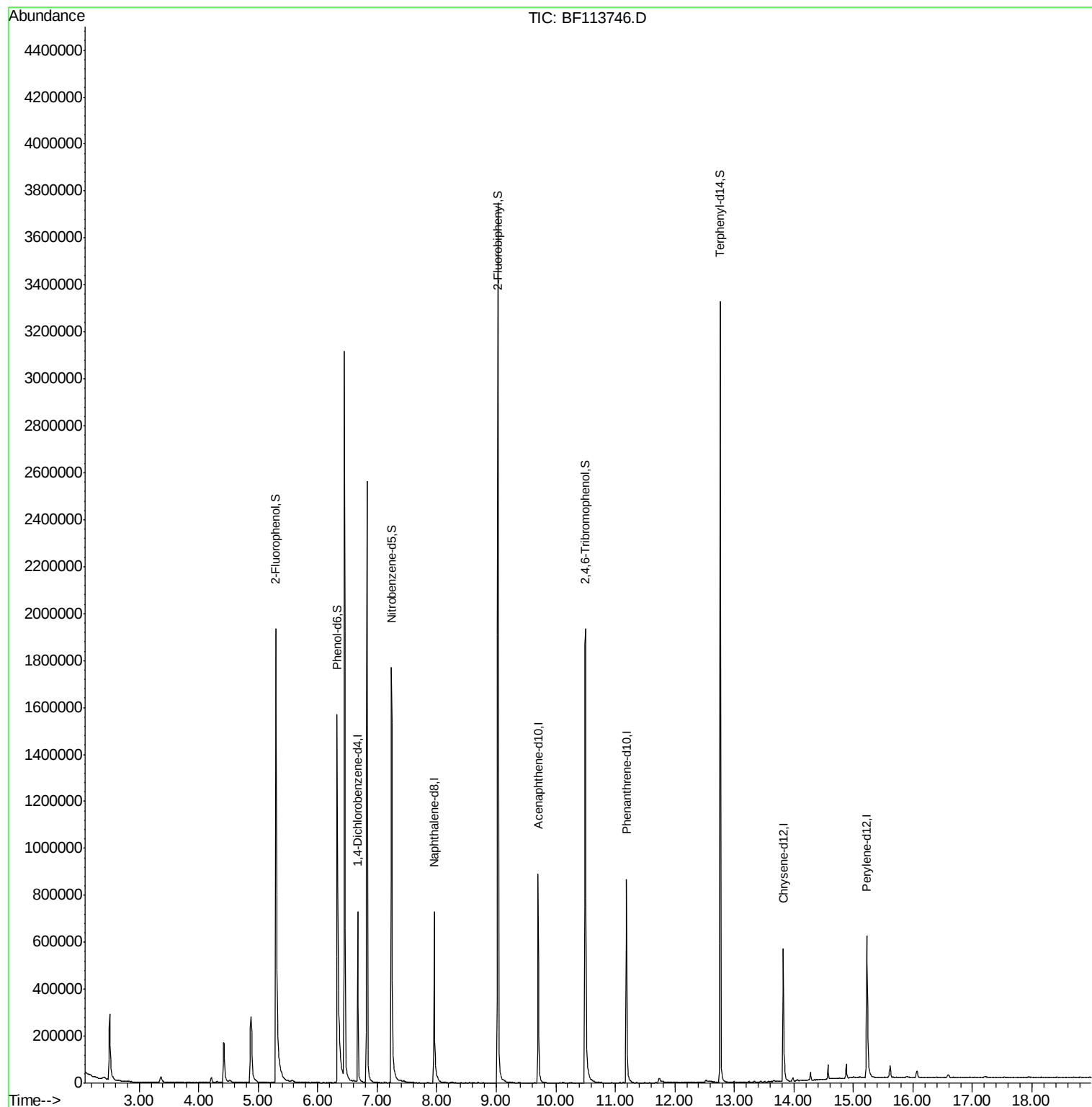
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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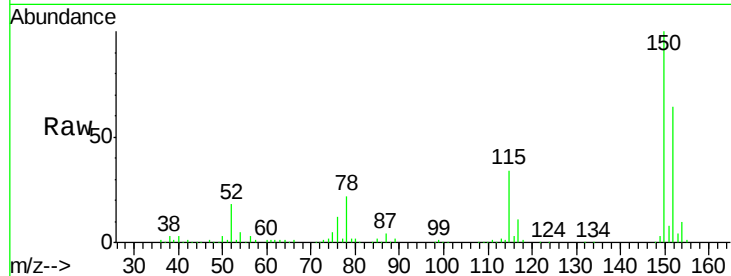


#1

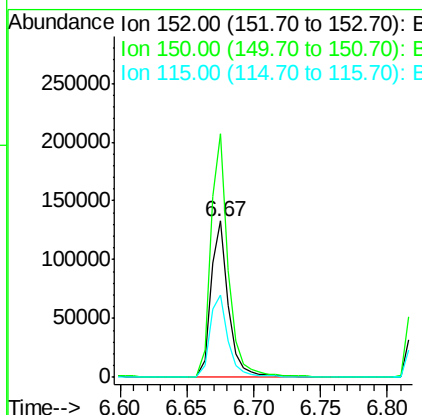
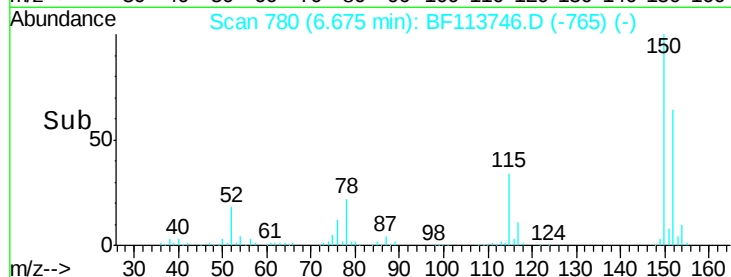
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113746.D
Acq: 12 Apr 2019 18:57

Instrument :
BNA_F
ClientSampleId :
TP-12-S

Tgt Ion:152 Resp: 123236
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 52.9 46.0 69.0



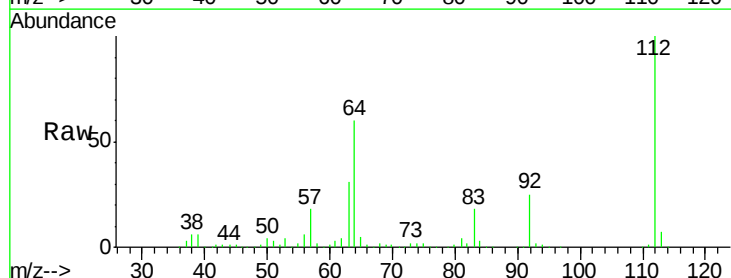
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



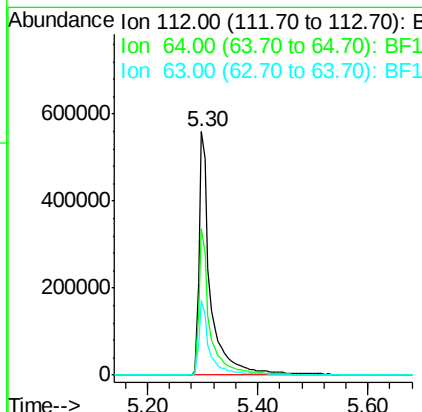
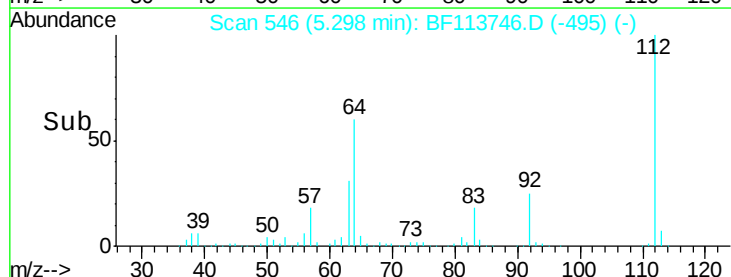
#5

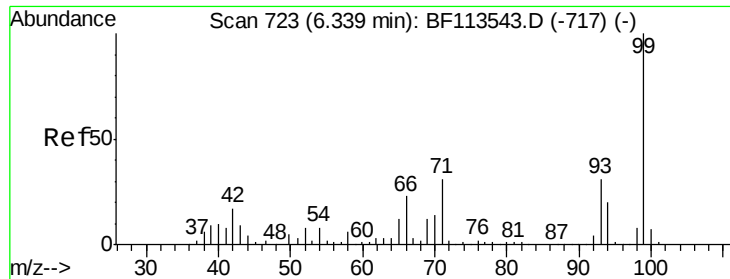
2-Fluorophenol
Concen: 112.158 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113746.D
Acq: 12 Apr 2019 18:57

Tgt Ion:112 Resp: 810558
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 30.5 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: 105.982 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113746.D

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Instrument :

BNA_F

ClientSampleId :

TP-12-S

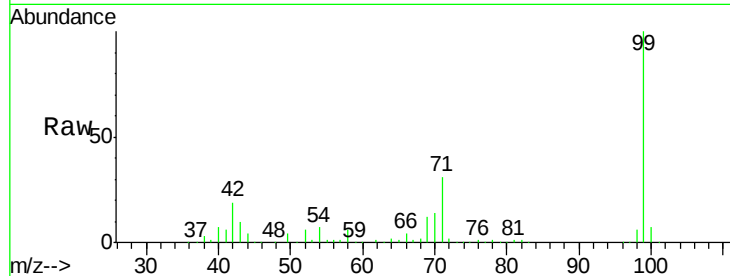
Tgt Ion: 99 Resp: 944010

Ion Ratio Lower Upper

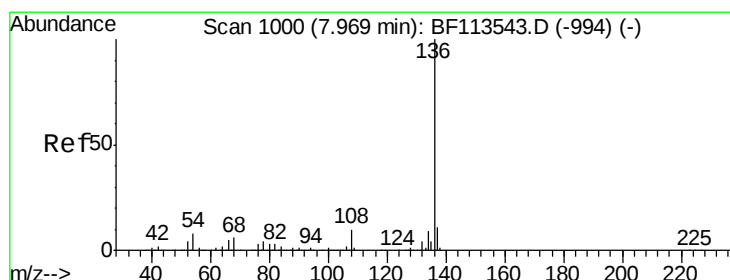
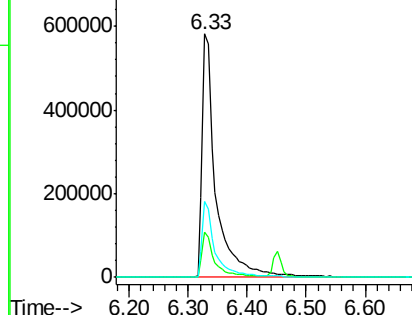
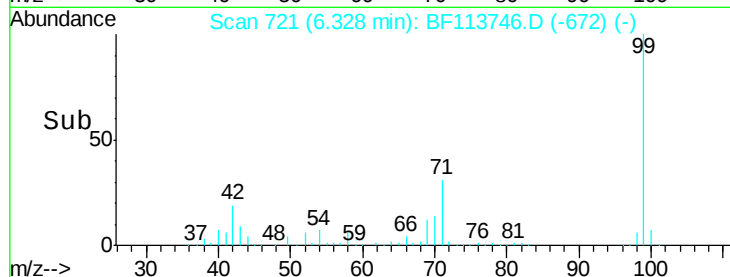
99 100

42 18.5 14.8 22.2

71 31.2 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: BF113746.D

Acq: 12 Apr 2019 18:57

Tgt Ion: 136 Resp: 452151

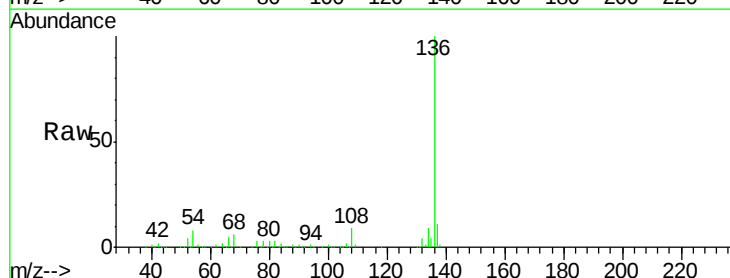
Ion Ratio Lower Upper

136 100

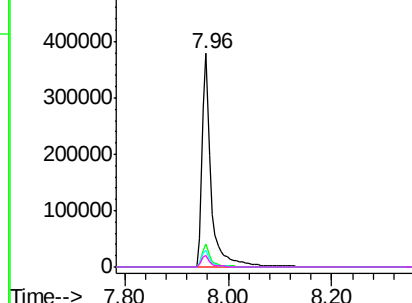
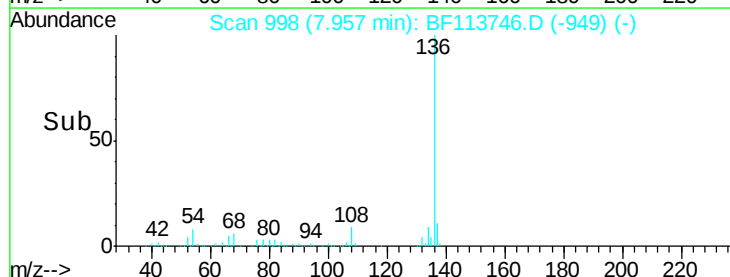
137 10.6 8.9 13.3

54 7.6 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

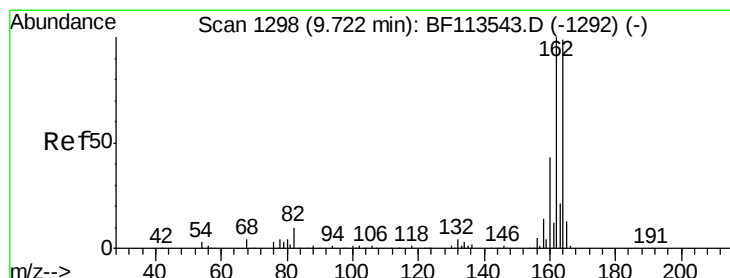
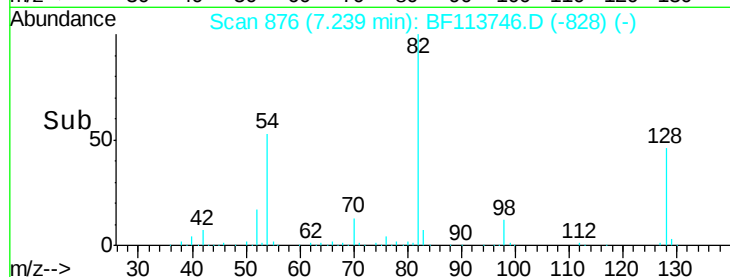
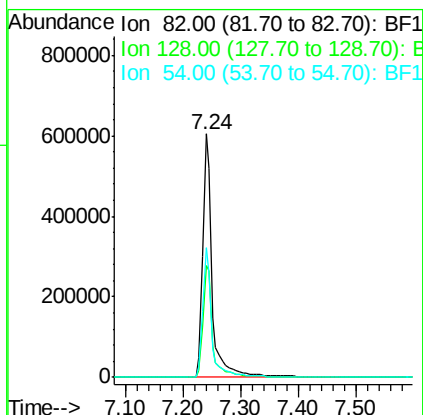
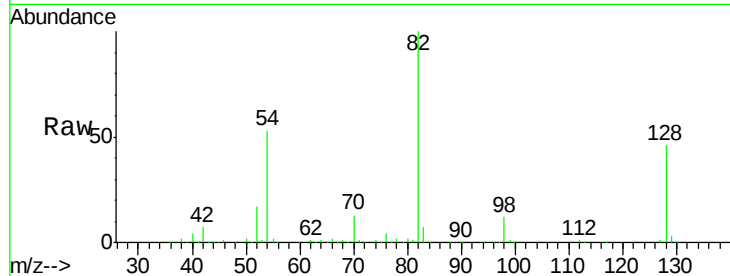




#23
 Nitrobenzene-d5
 Concen: 91.725 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113746.D
 Acq: 12 Apr 2019 18:57

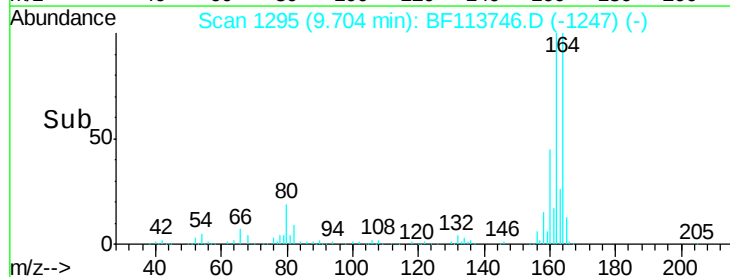
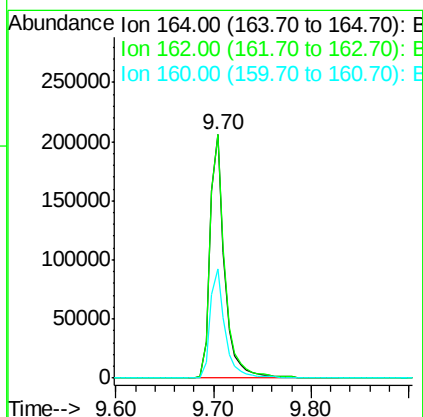
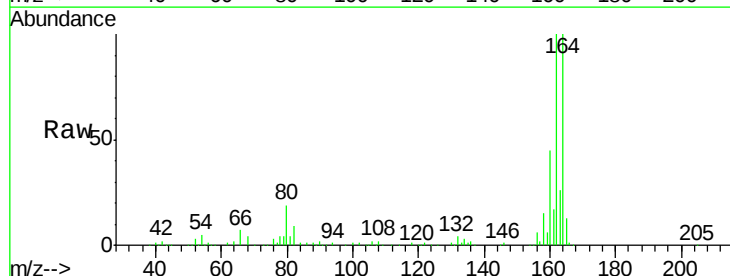
Instrument :
 BNA_F
 ClientSampleID :
 TP-12-S

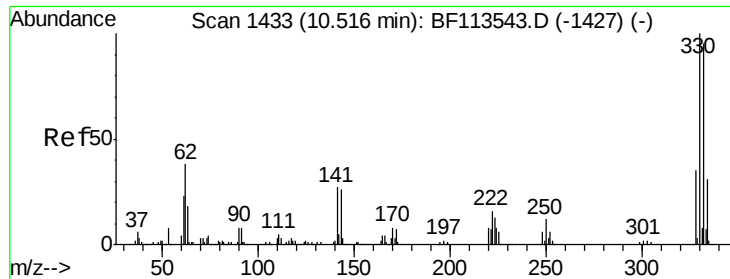
Tgt Ion: 82 Resp: 708040
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 53.4 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113746.D
 Acq: 12 Apr 2019 18:57

Tgt Ion: 164 Resp: 212969
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.8 122.6
 160 45.0 36.4 54.6

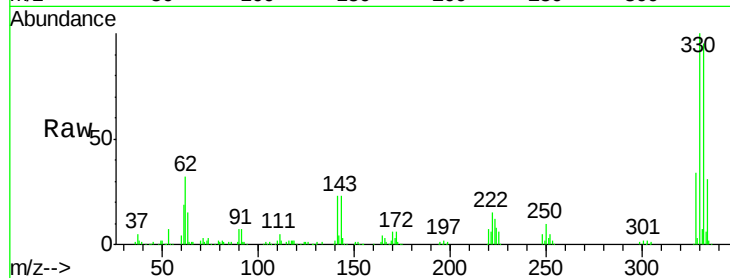




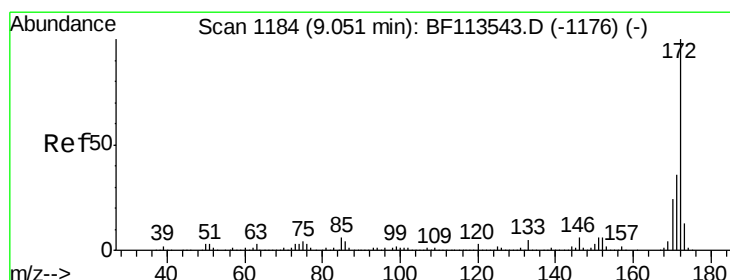
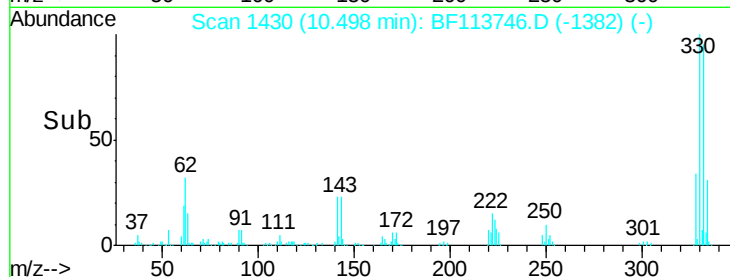
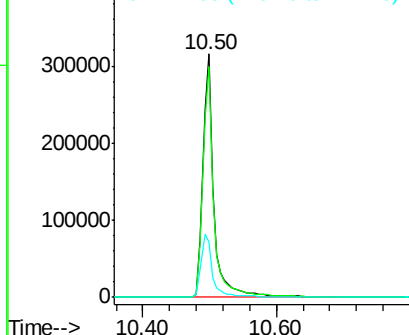
#42
 2,4,6-Tribromophenol
 Concen: 137.520 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113746.D
 Acq: 12 Apr 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tgt Ion:330 Resp: 351814
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.2 22.7 34.1

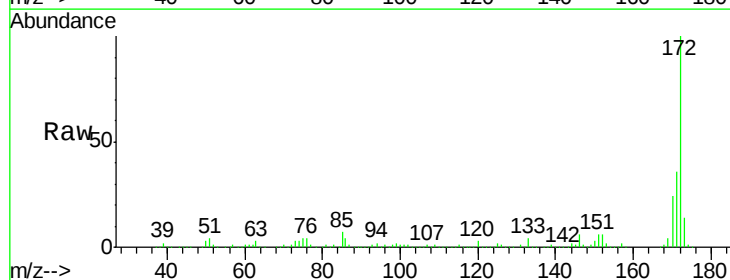


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

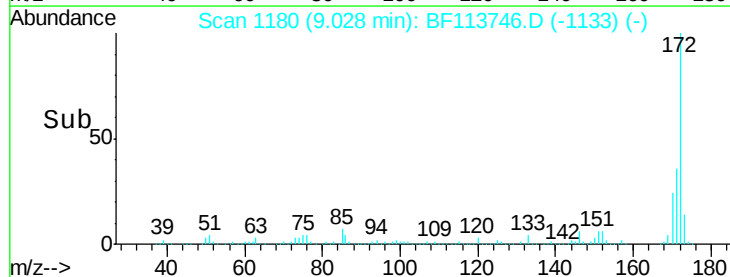
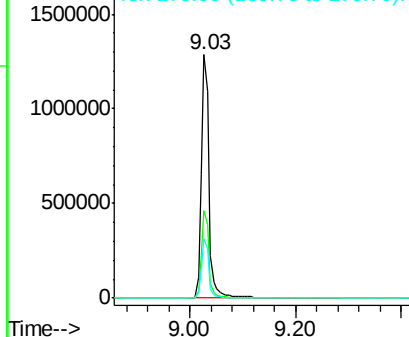


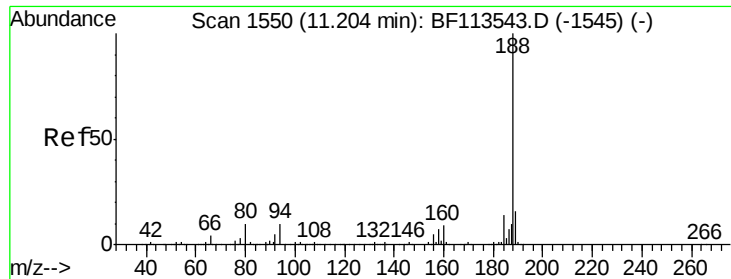
#45
 2-Fluorobiphenyl
 Concen: 98.586 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113746.D
 Acq: 12 Apr 2019 18:57

Tgt Ion:172 Resp: 1304169
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 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

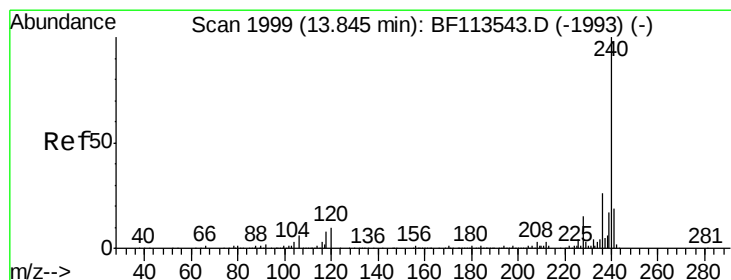
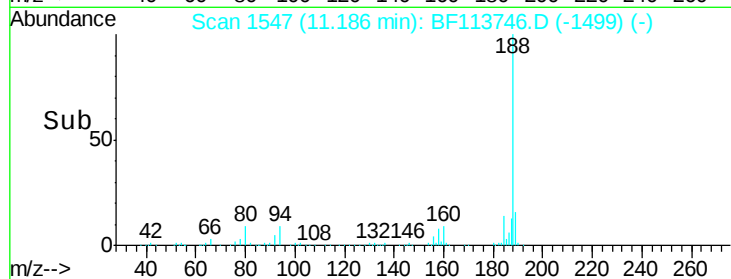
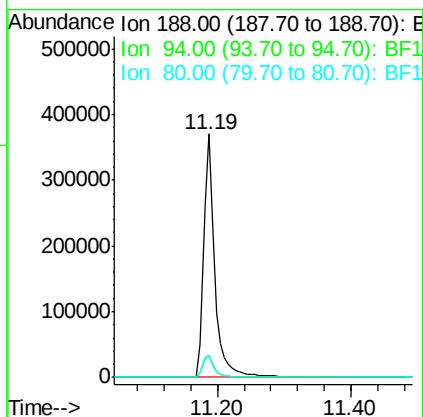
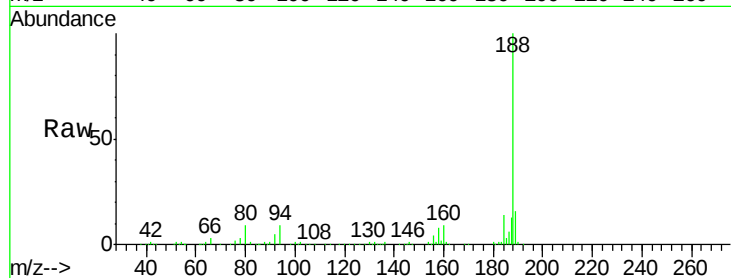




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113746.D
Acq: 12 Apr 2019 18:57

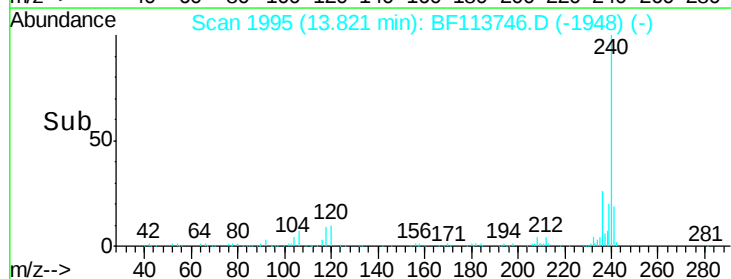
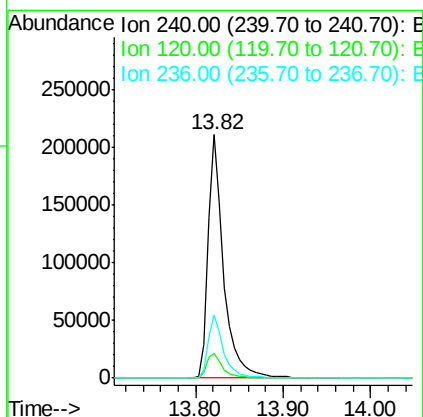
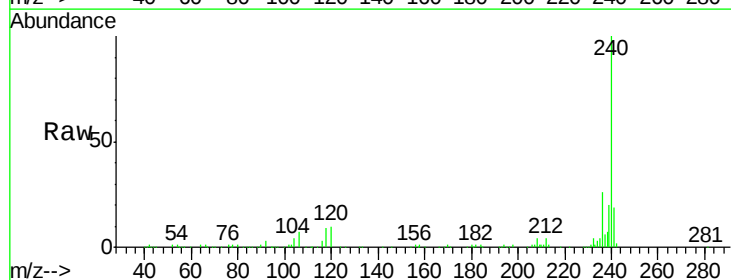
Instrument :
BNA_F
ClientSampleId :
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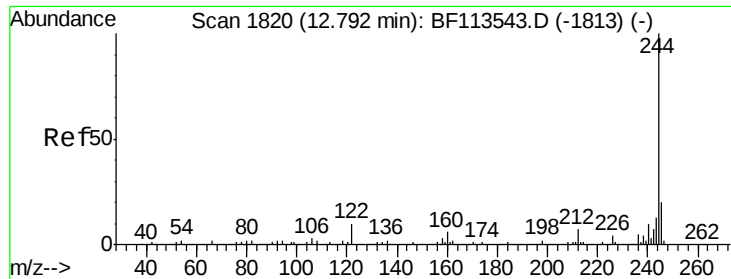
Tgt Ion:188 Resp: 417859
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113746.D
Acq: 12 Apr 2019 18:57

Tgt Ion:240 Resp: 260954
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.8 20.9 31.3

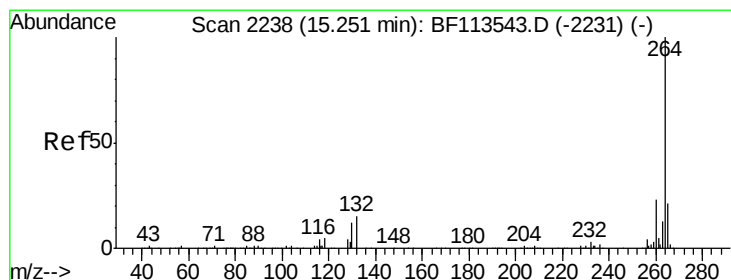
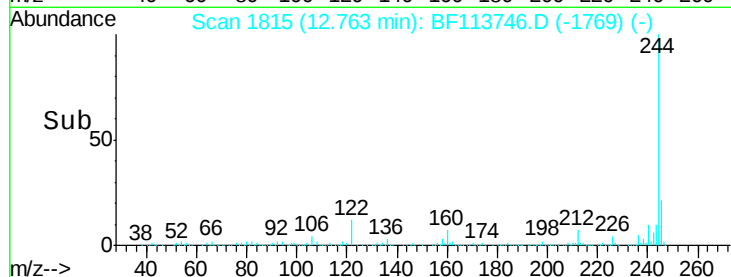
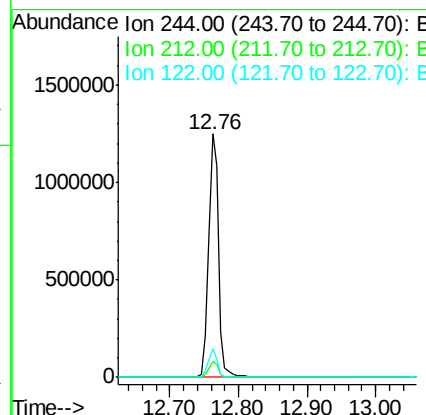
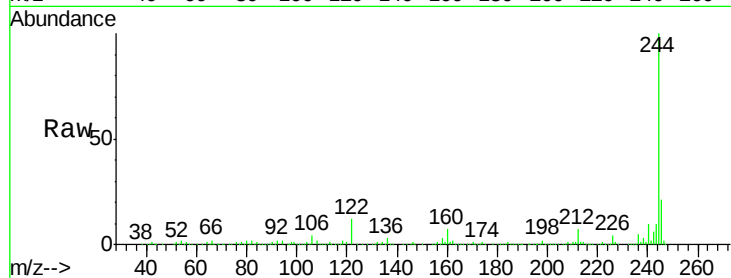




#79
 Terphenyl-d14
 Concen: 101.626 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF113746.D
 Acq: 12 Apr 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-S

Tgt Ion: 244 Resp: 1302526
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.7 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: BF113746.D
 Acq: 12 Apr 2019 18:57

Tgt Ion: 264 Resp: 328265
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.3 17.1 25.7

