

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113687.D
 Acq On : 10 Apr 2019 6:08
 Operator : JU/SJ
 Sample : K2332-04 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 07:37:04 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

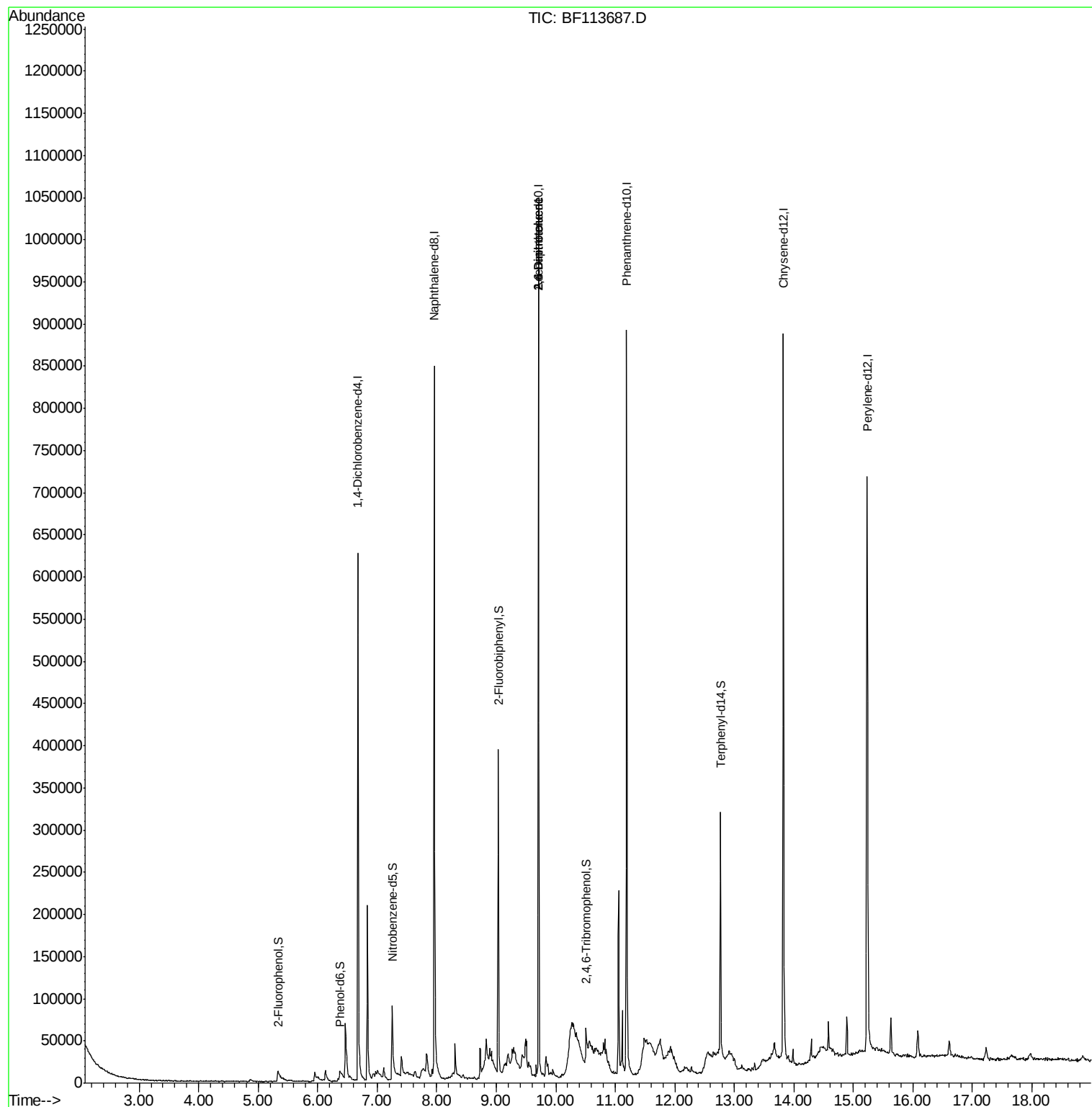
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	111886	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	450640	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	206154	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	385100	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	352898	20.00	ng	-0.02
87) Perylene-d12	15.23	264	349394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	17168	2.62	ng	0.04
7) Phenol-d6	6.37	99	17407	2.15	ng	0.03
23) Nitrobenzene-d5	7.25	82	54876	7.13	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	9367	3.78	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	128325	10.02	ng	-0.02
79) Terphenyl-d14	12.77	244	103405	5.97	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	9.71	165	26327	7.860	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	26327	6.499	ng	# 23

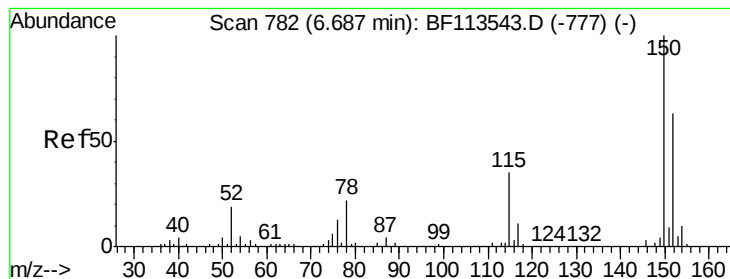
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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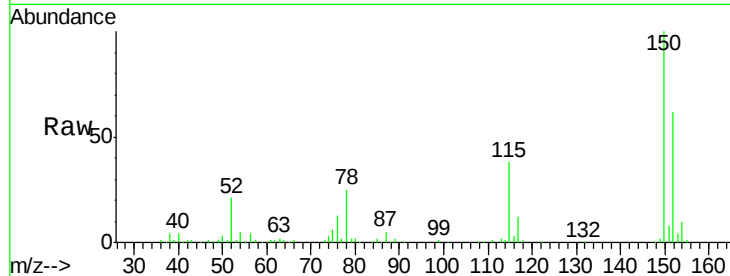


#1

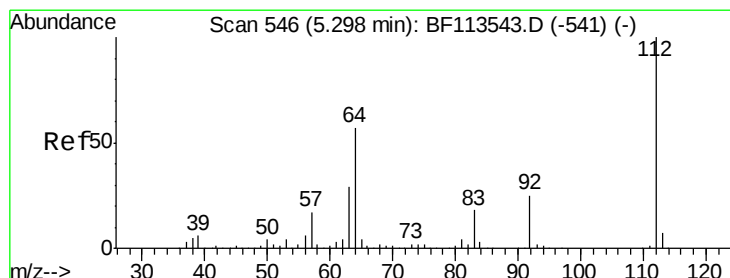
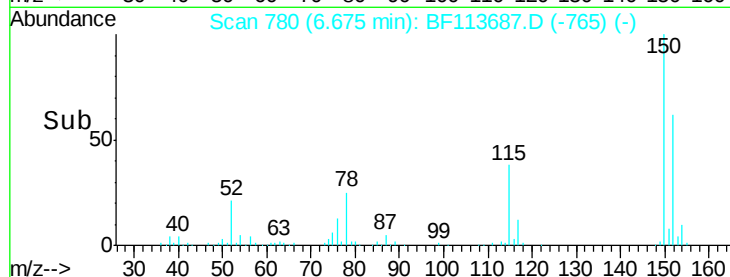
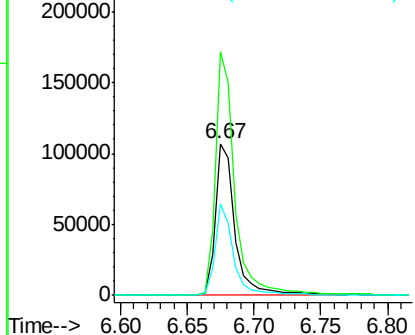
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113687.D
Acq: 10 Apr 2019 6:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111886
Ion Ratio Lower Upper
152 100
150 160.4 124.7 187.1
115 60.5 46.0 69.0



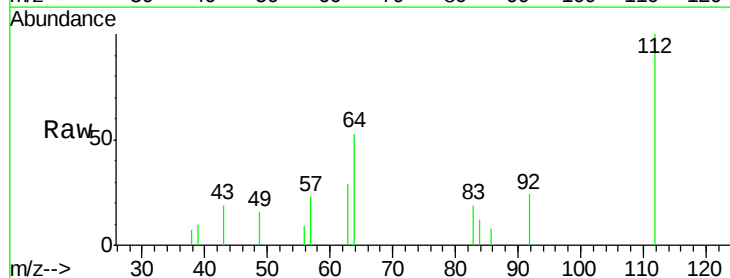
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



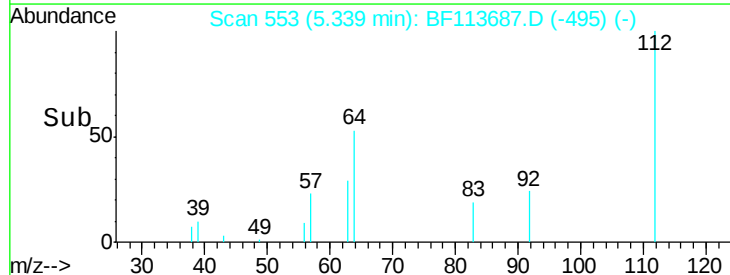
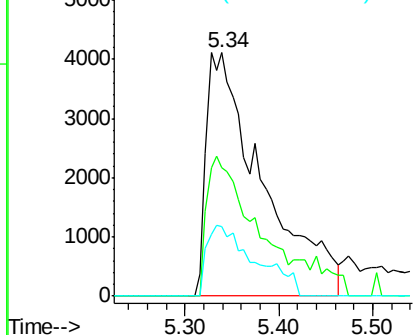
#5

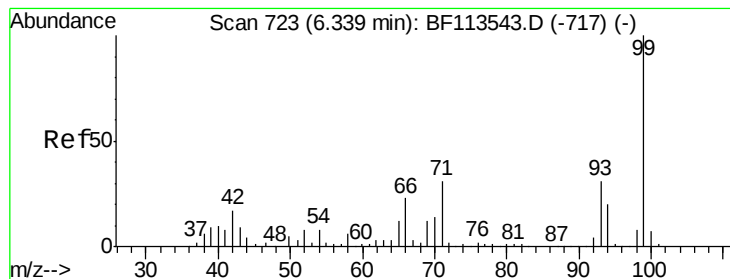
2-Fluorophenol
Concen: 2.617 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.04 min
Lab File: BF113687.D
Acq: 10 Apr 2019 6:08

Tgt Ion:112 Resp: 17168
Ion Ratio Lower Upper
112 100
64 52.6 49.2 73.8
63 28.5 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: 2.152 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.03 min

Lab File: BF113687.D

Acq: 10 Apr 2019 6:08

Instrument :

BNA_F

ClientSampleId :

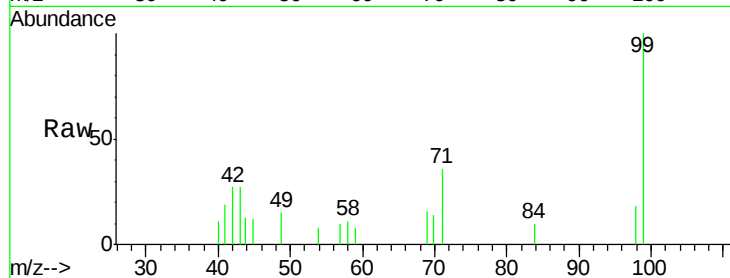
Tot Ion: 99 Resp: 17407

Ion Ratio Lower Upper

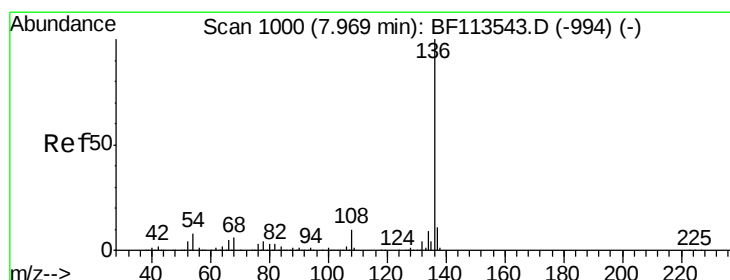
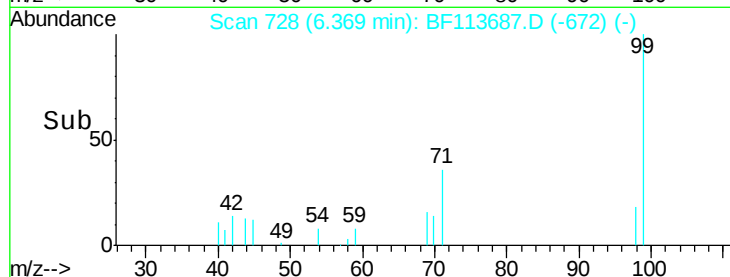
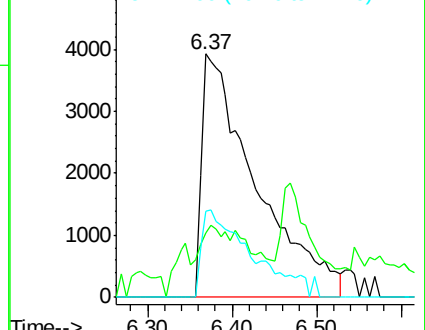
99 100

42 26.5 14.8 22.2#

71 35.6 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: BF113687.D

Acq: 10 Apr 2019 6:08

Tgt Ion: 136 Resp: 450640

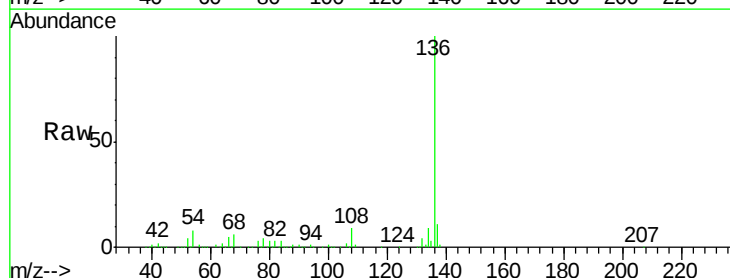
Ion Ratio Lower Upper

136 100

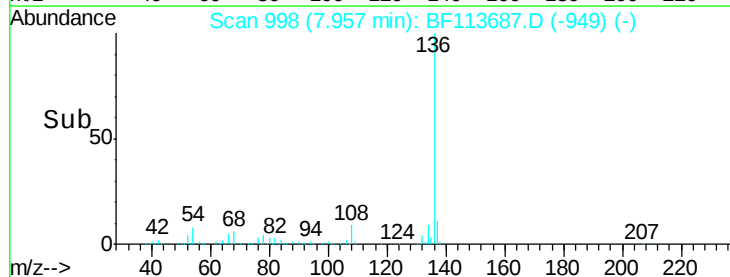
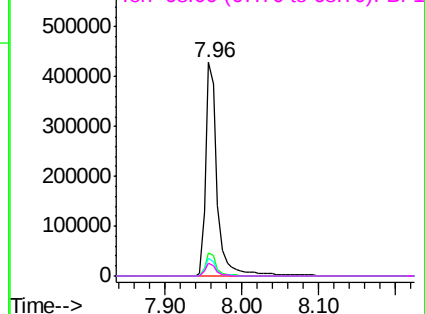
137 10.7 8.9 13.3

54 8.2 7.0 10.6

68 6.3 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

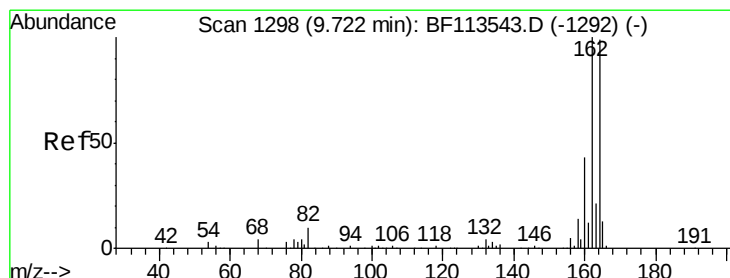
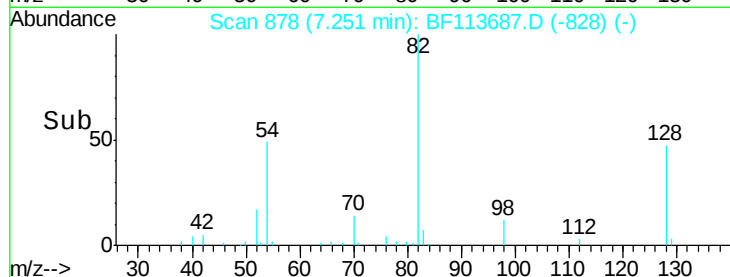
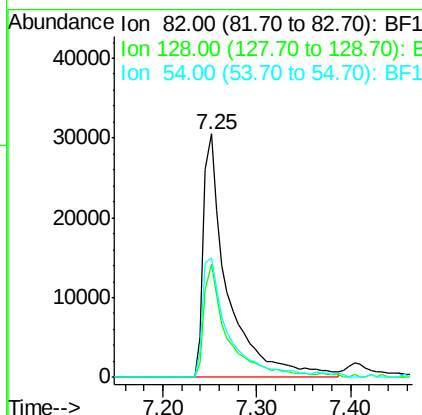
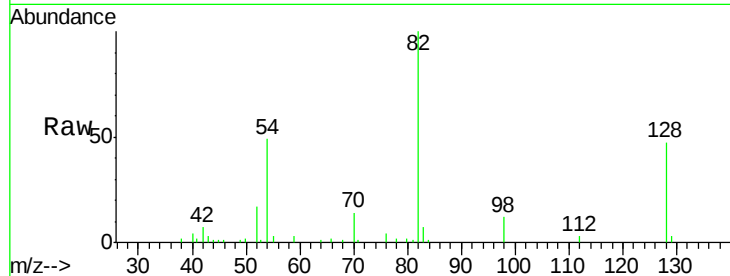




#23
Nitrobenzene-d5
Concen: 7.133 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113687.D
Acq: 10 Apr 2019 6:08

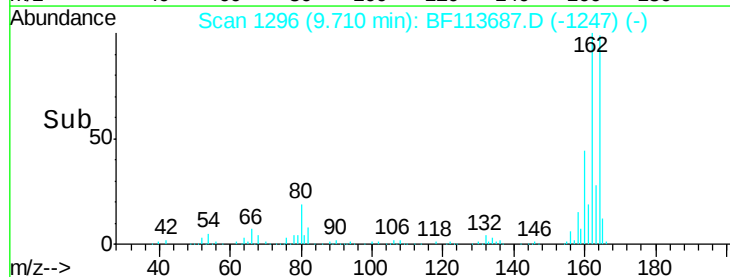
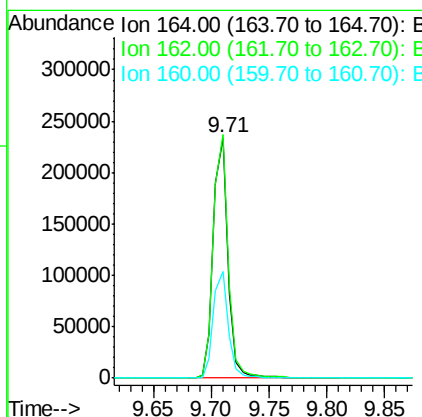
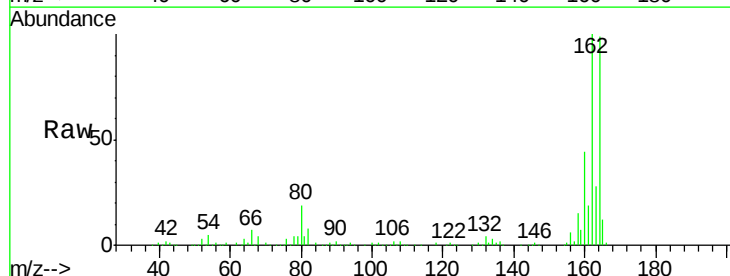
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 54876
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 49.2 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113687.D
Acq: 10 Apr 2019 6:08

Tgt Ion:164 Resp: 206154
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 44.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 3.782 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113687.D

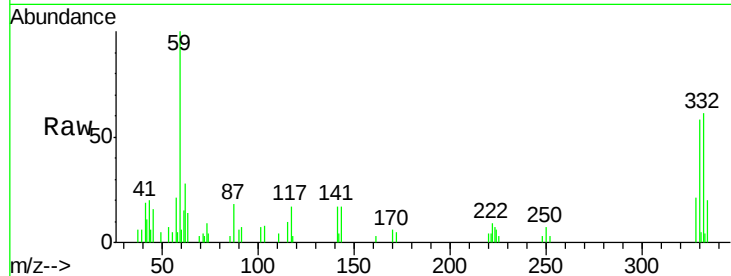
Acq: 10 Apr 2019 6:08

Instrument :

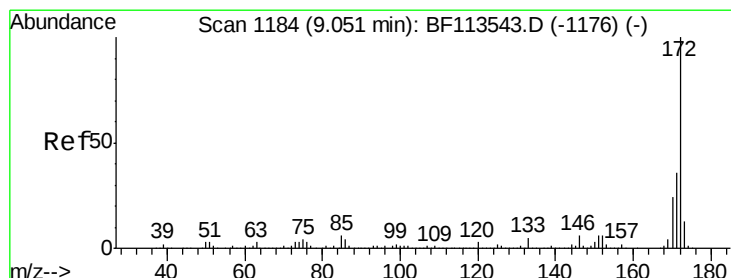
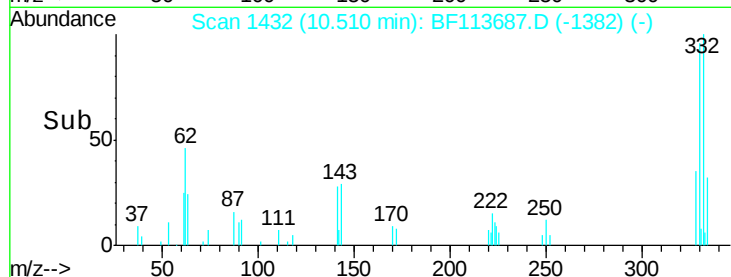
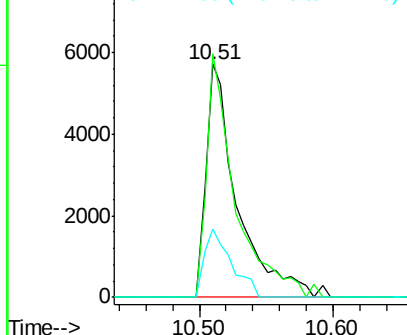
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	9367
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	25.1	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: 10.021 ng

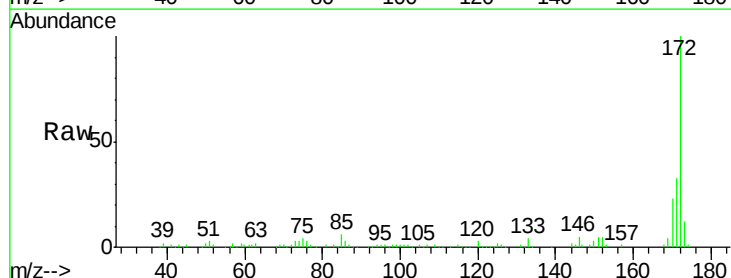
RT: 9.03 min Scan# 1181

Delta R.T. -0.02 min

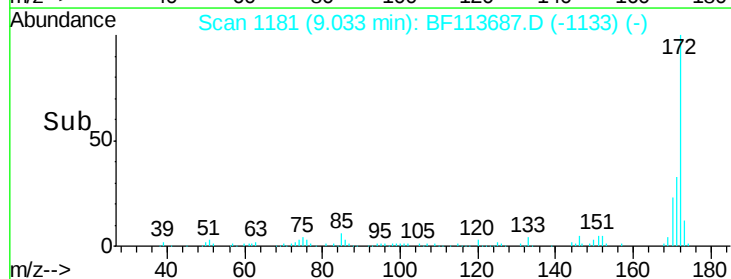
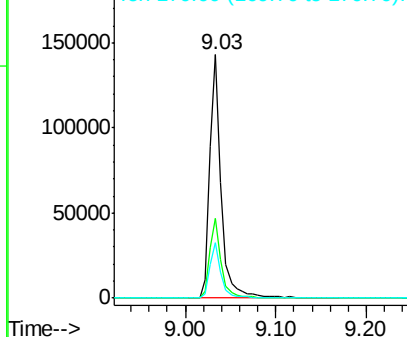
Lab File: BF113687.D

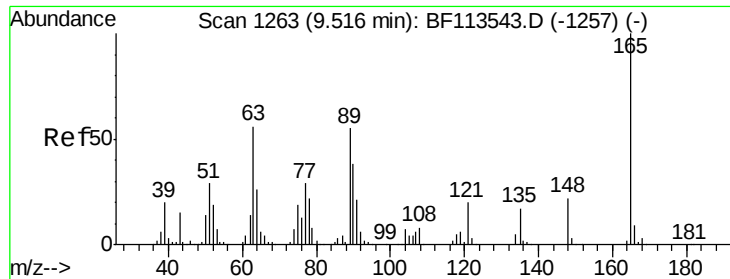
Acq: 10 Apr 2019 6:08

Tgt Ion:	172	Resp:	128325
Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.0	43.6
170	22.7	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





#51

2,6-Dinitrotoluene

Concen: 7.860 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113687.D

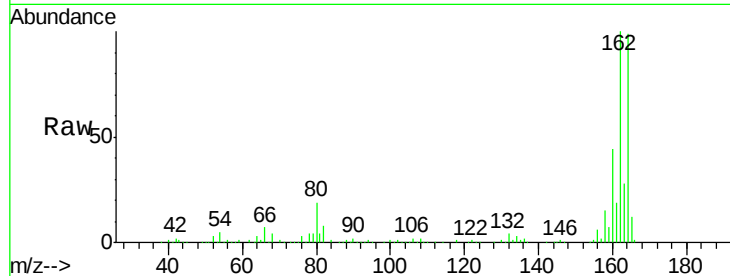
Acq: 10 Apr 2019 6:08

Instrument :

BNA_F

ClientSampleId :

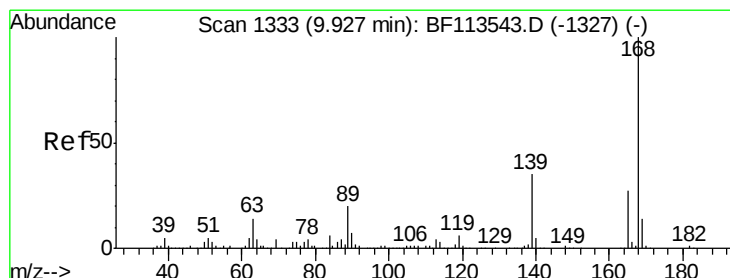
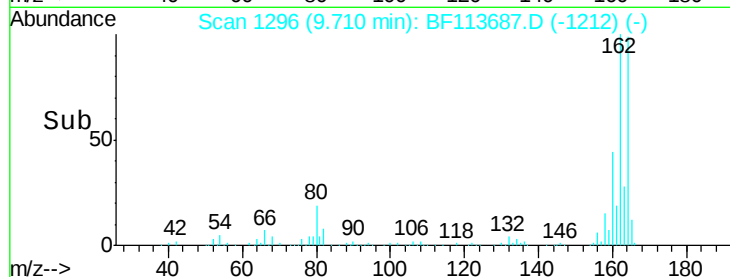
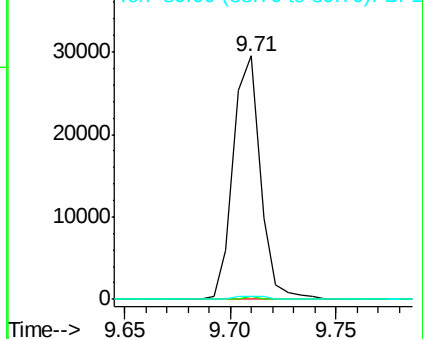
Tot Ion:165	Resp:	26327
Ion Ratio	Lower	Upper
165	100	
63	1.2	43.4 65.0#
89	1.2	43.1 64.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.499 ng

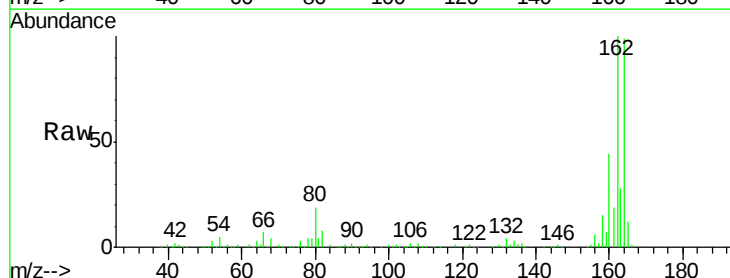
RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113687.D

Acq: 10 Apr 2019 6:08

Tgt Ion:165	Resp:	26327
Ion Ratio	Lower	Upper
165	100	
63	1.2	37.5 56.3#
89	1.2	57.4 86.2#
182	0.0	2.0 3.0#

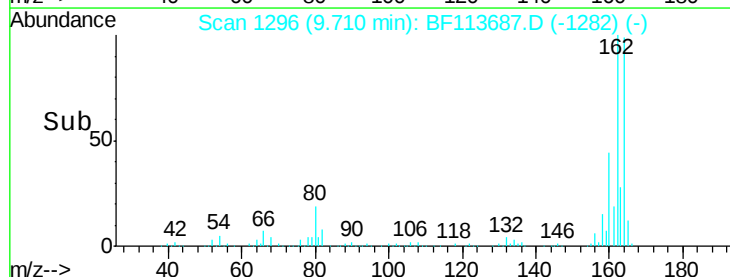
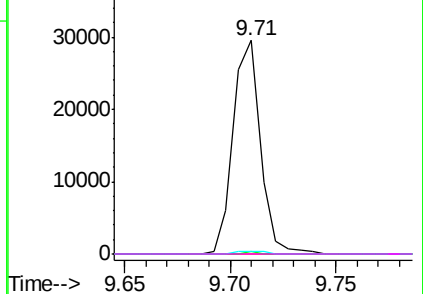


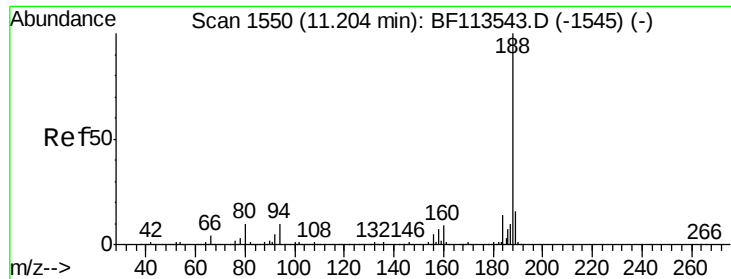
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

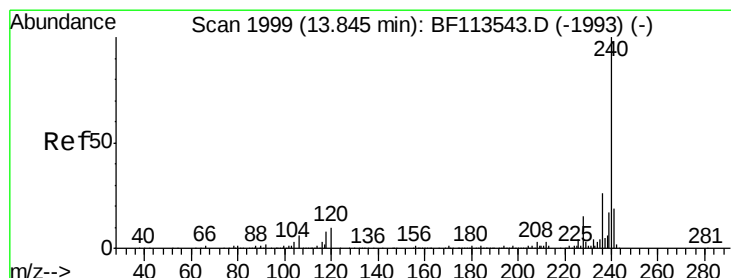
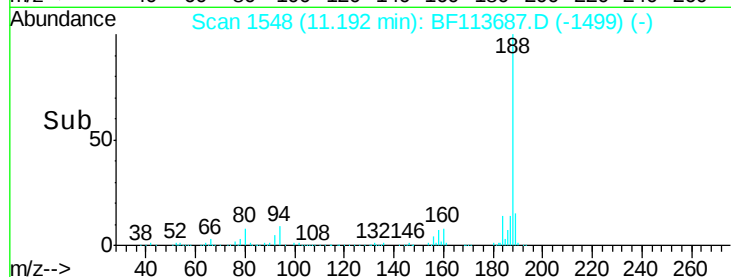
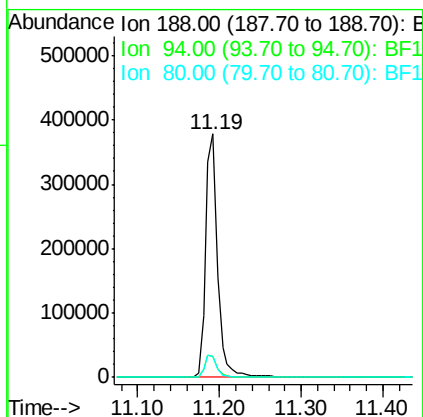
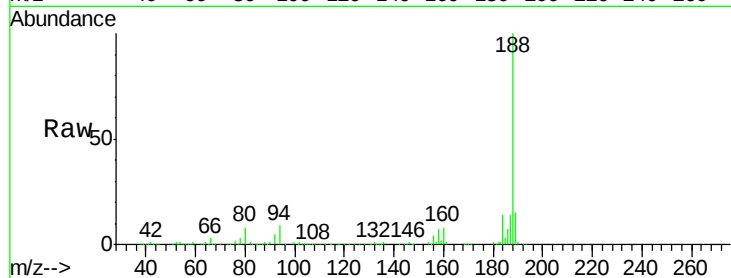




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113687.D
Acq: 10 Apr 2019 6:08

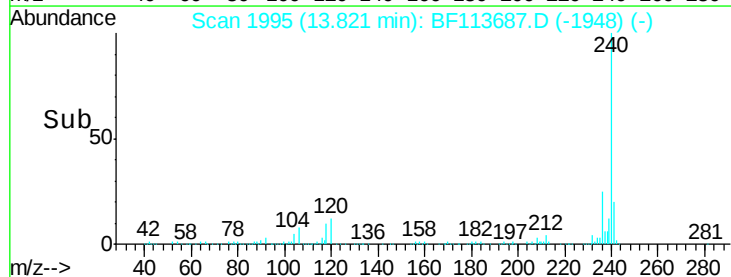
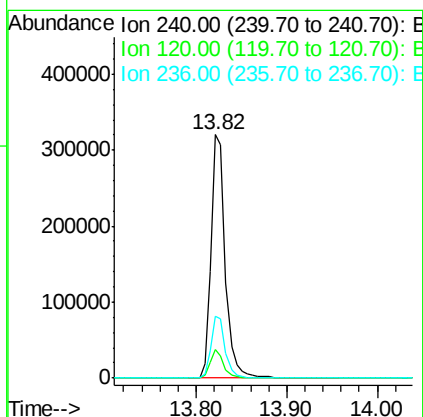
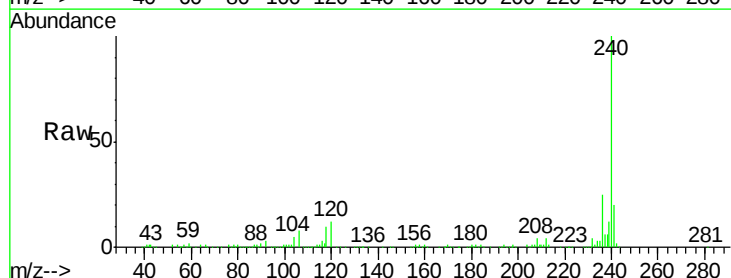
Instrument :
BNA_F
ClientSampleId :

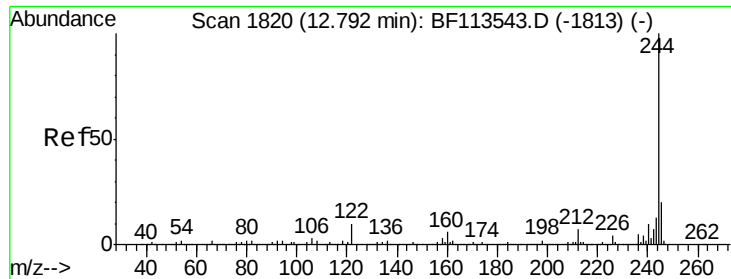
Tot Ion:188 Resp: 385100
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 8.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113687.D
Acq: 10 Apr 2019 6:08

Tgt Ion:240 Resp: 352898
Ion Ratio Lower Upper
240 100
120 12.0 8.8 13.2
236 25.5 20.9 31.3

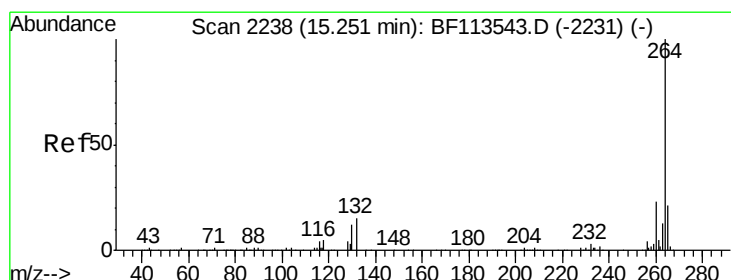
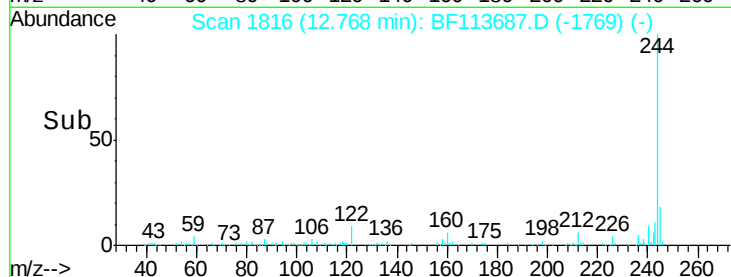
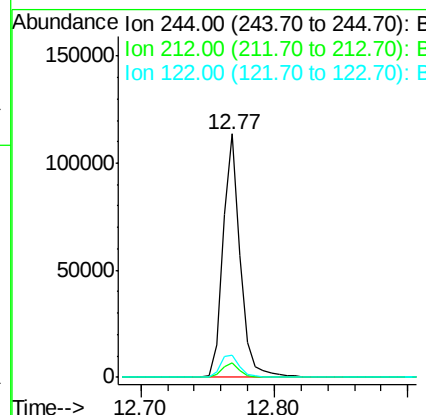
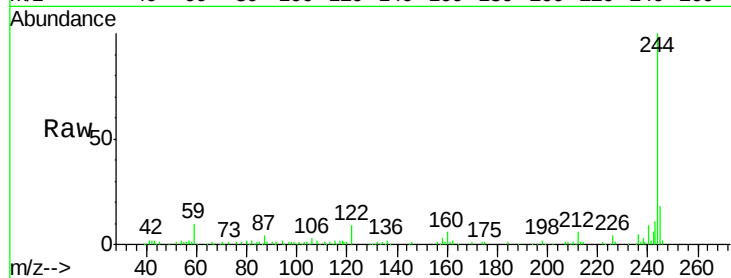




#79
 Terphenyl-d14
 Concen: 5.966 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113687.D
 Acq: 10 Apr 2019 6:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.5	8.3
122	9.1	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113687.D
 Acq: 10 Apr 2019 6:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.2	17.1	25.7

