

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
 Data File : BF111802.D
 Acq On : 28 Dec 2018 21:23
 Operator : JU/SJ
 Sample : J6575-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-122618-ARE

Quant Time: Dec 29 01:13:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139650	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	515767	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	216970	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	320190	20.00	ng	0.01
76) Chrysene-d12	14.07	240	297449	20.00	ng	0.02
87) Perylene-d12	15.56	264	210653	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	2624	0.32	ng	0.02
7) Phenol-d6	6.54	99	4103	0.39	ng	0.02
23) Nitrobenzene-d5	7.45	82	8492	0.96	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1236	0.48	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	15655	1.05	ng	0.00
79) Terphenyl-d14	13.01	244	13853	0.88	ng	0.01

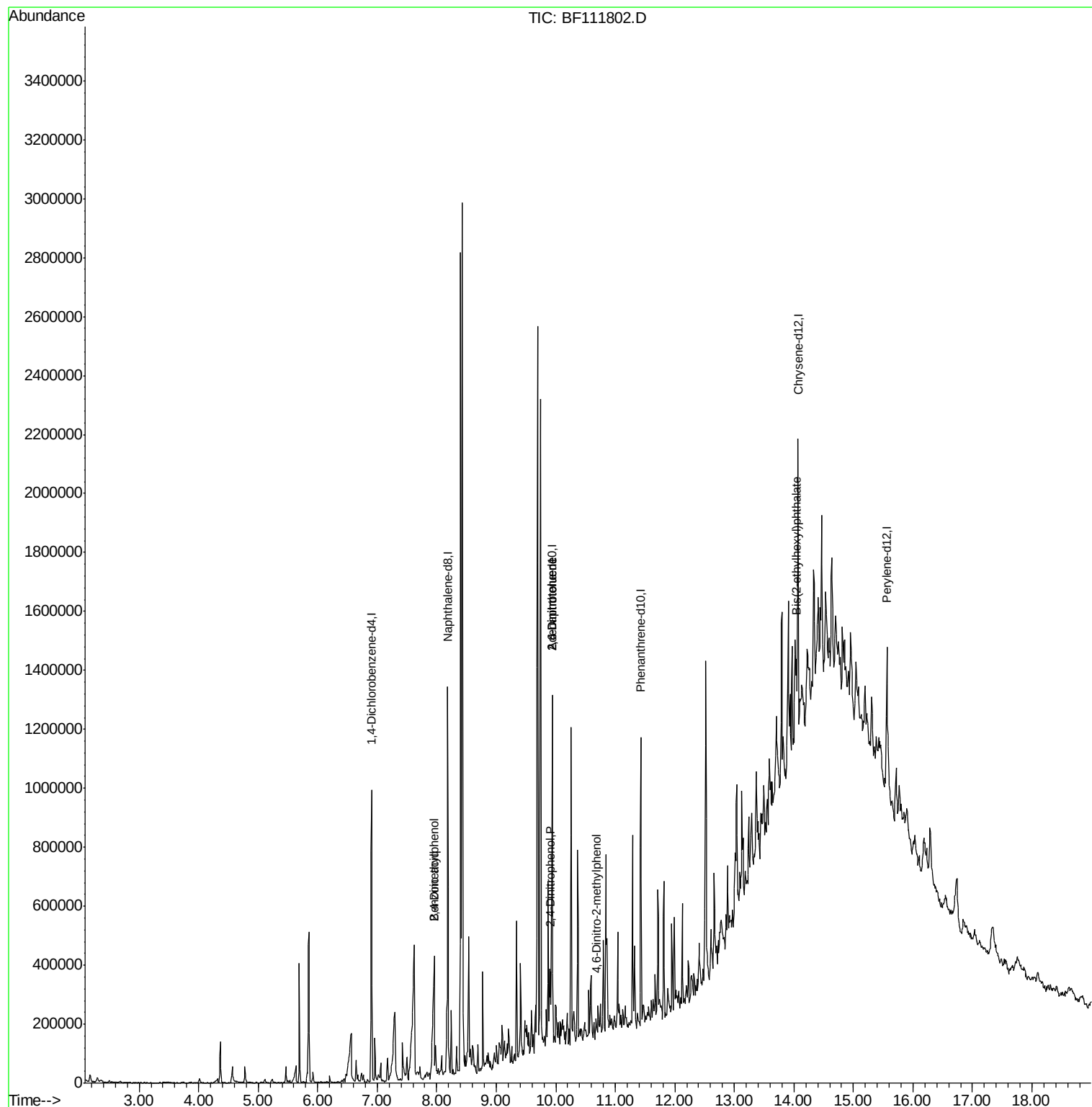
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) 2,4-Dimethylphenol	7.95	122	27137	3.655	ng	# 8
32) Benzoic acid	7.95	122	27137	5.528	ng	# 86
51) 2,6-Dinitrotoluene	9.94	165	29338	9.273	ng	# 30
54) 2,4-Dinitrophenol	9.91	184	435	7.696	ng	# 50
57) 2,4-Dinitrotoluene	9.94	165	29338	7.716	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.67	198	114	6.767	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.04	149	45659	4.234	ng	# 97

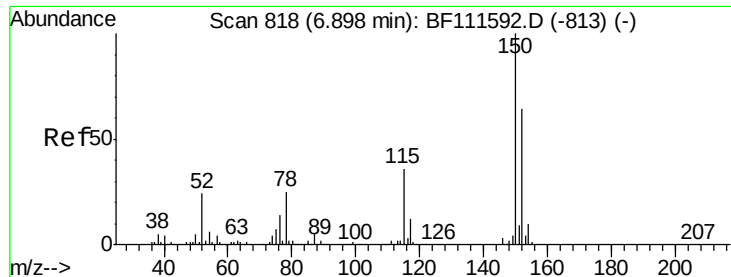
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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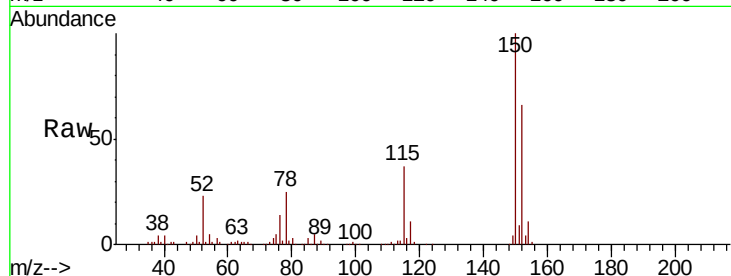


#1

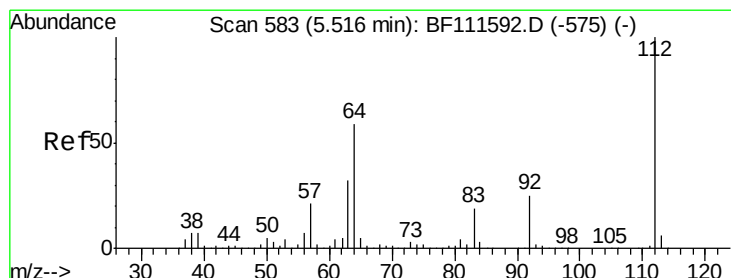
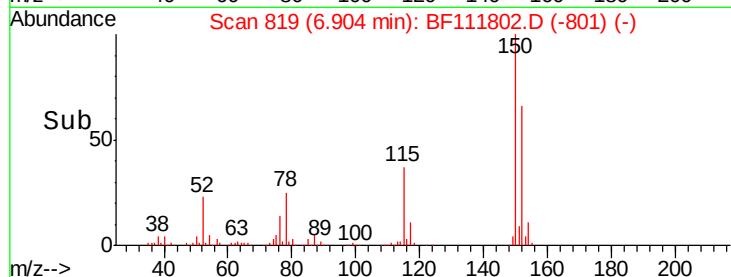
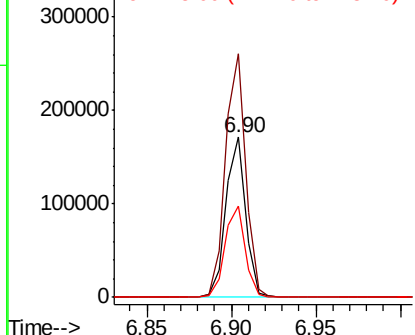
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111802.D
 Acq: 28 Dec 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SS-122618-ARE

Tgt Ion:152 Resp: 139650
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.6 189.8
 115 56.9 50.7 76.1



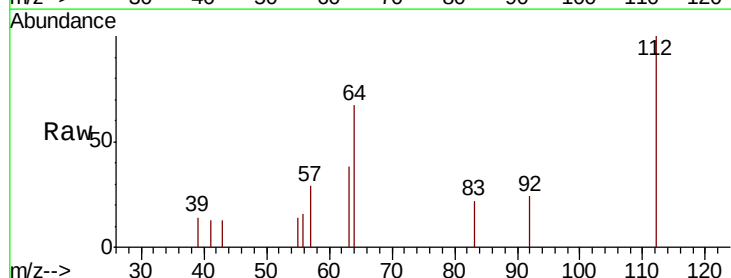
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



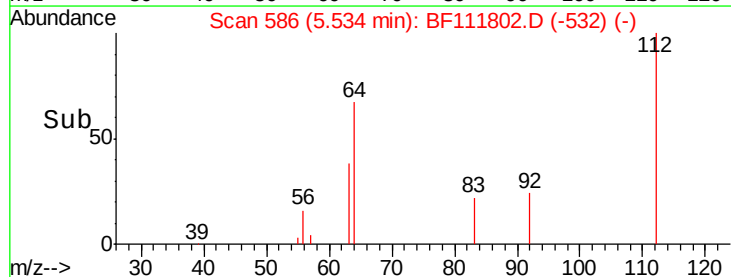
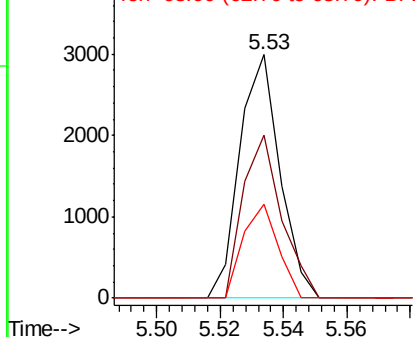
#5

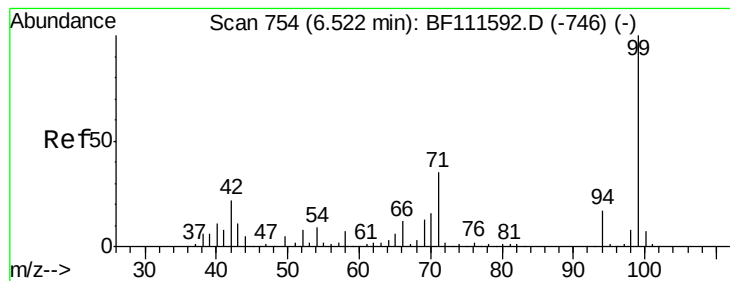
2-Fluorophenol
 Concen: 0.320 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF111802.D
 Acq: 28 Dec 2018 21:23

Tgt Ion:112 Resp: 2624
 Ion Ratio Lower Upper
 112 100
 64 66.7 51.8 77.6
 63 38.4 26.8 40.2



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: 0.394 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111802.D

Acq: 28 Dec 2018 21:23

Instrument :

BNA_F

ClientSampled :

SS-122618-ARE

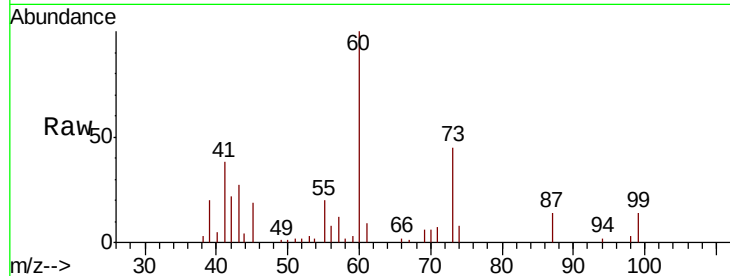
Tgt Ion: 99 Resp: 4103

Ion Ratio Lower Upper

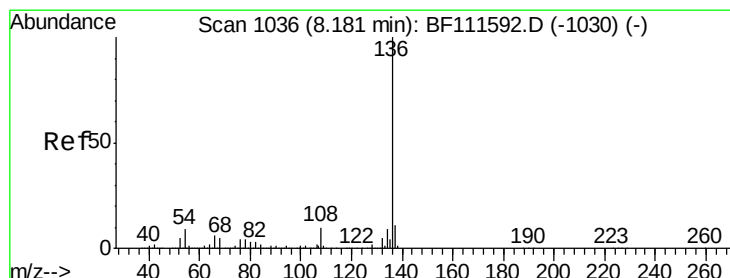
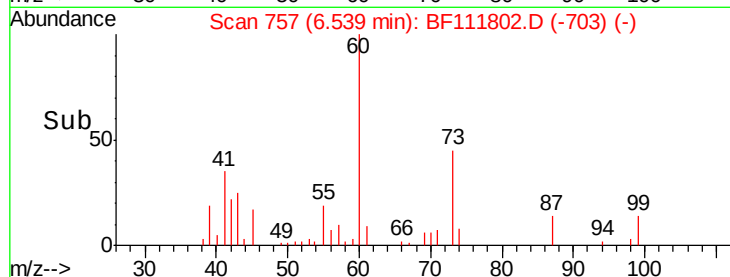
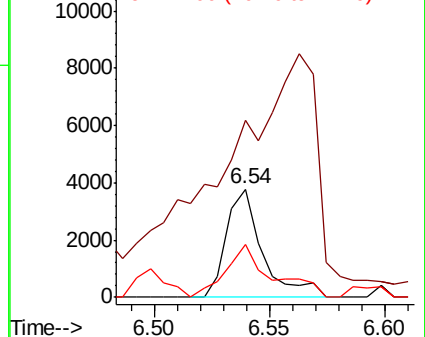
99 100

42 164.0 17.4 26.0#

71 49.4 26.1 39.1#



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111802.D

Acq: 28 Dec 2018 21:23

Tgt Ion: 136 Resp: 515767

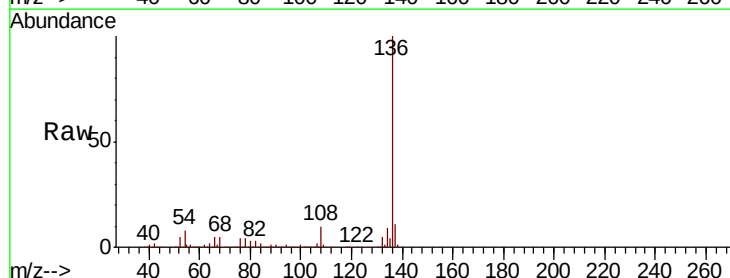
Ion Ratio Lower Upper

136 100

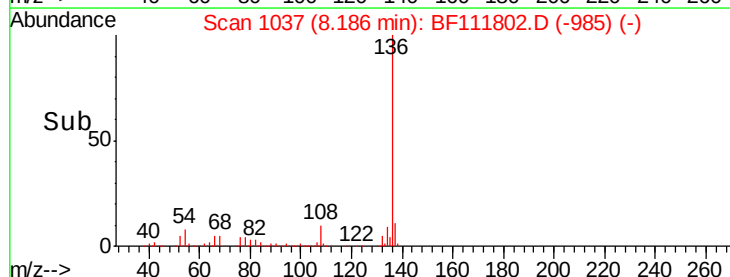
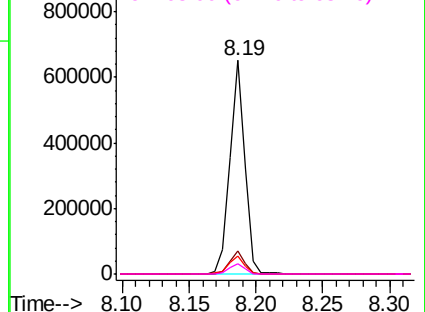
137 11.0 9.1 13.7

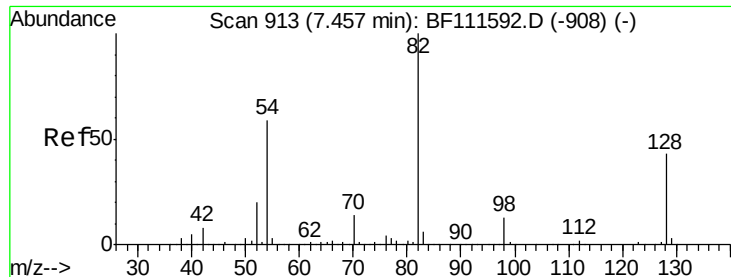
54 8.2 7.7 11.5

68 4.8 4.9 7.3#



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

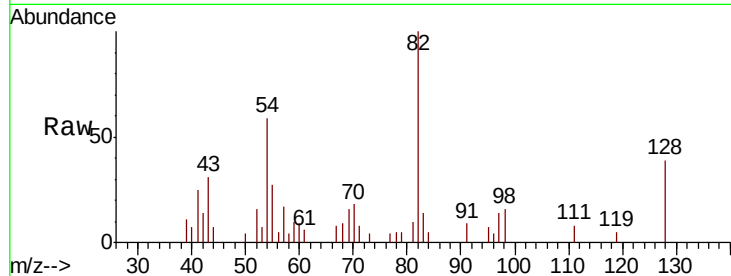




#23
 Nitrobenzene-d5
 Concen: 0.958 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111802.D
 Acq: 28 Dec 2018 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SS-122618-ARE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	37.4	56.2
54	59.2	47.6	71.4

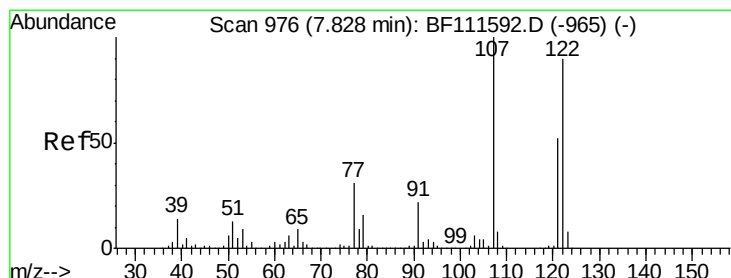
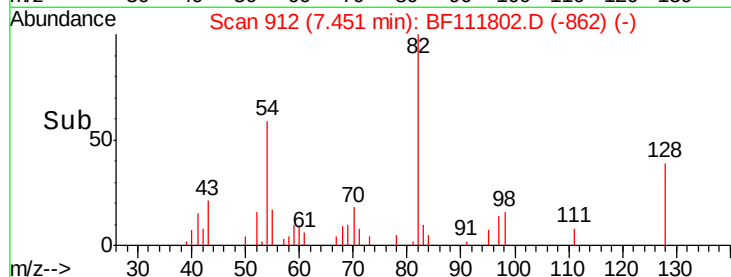
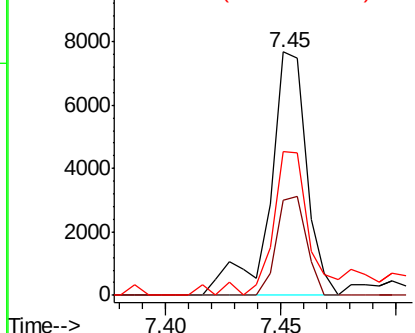


Abundance

Ion 82.00 (81.70 to 82.70): BF1

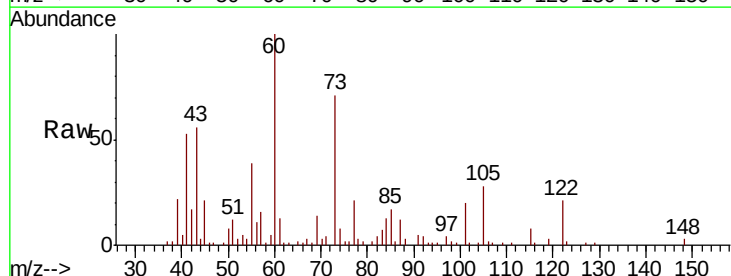
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#27
 2,4-Dimethylphenol
 Concen: 3.655 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.12 min
 Lab File: BF111802.D
 Acq: 28 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
122	100		
107	3.9	85.5	128.3#
121	0.0	46.6	70.0#

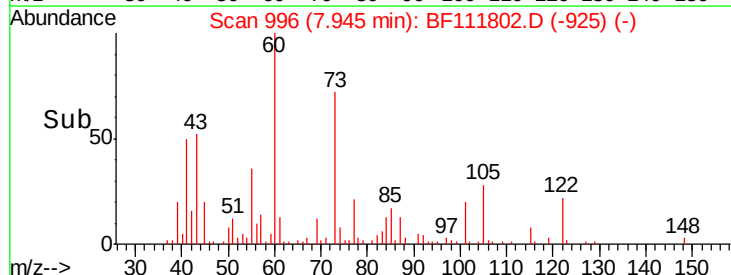
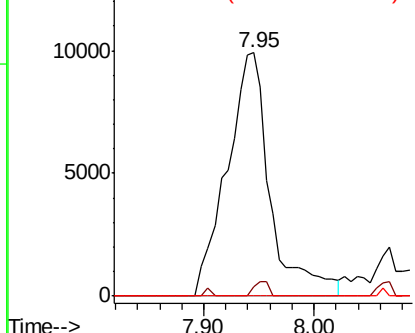


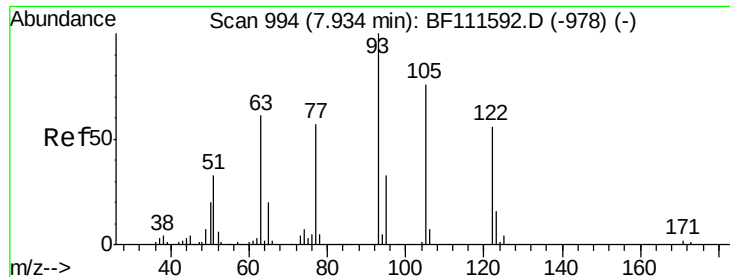
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

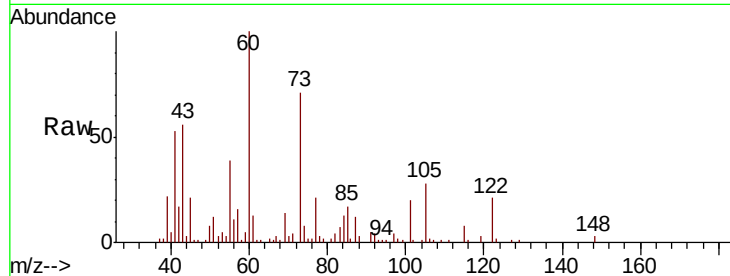




#32
Benzoic acid
Concen: 5.528 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111802.D
Acq: 28 Dec 2018 21:23

Instrument :
BNA_F
ClientSampleId :
SS-122618-ARE

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.3	97.0	137.0
77	99.0	65.7	105.7

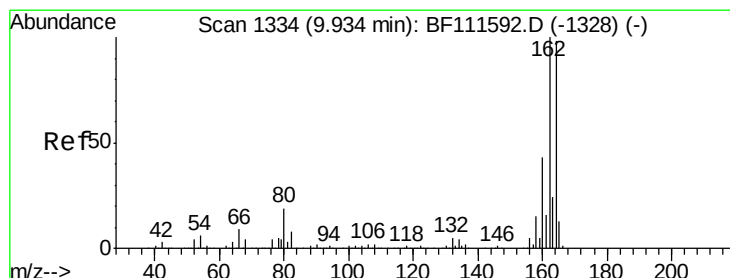
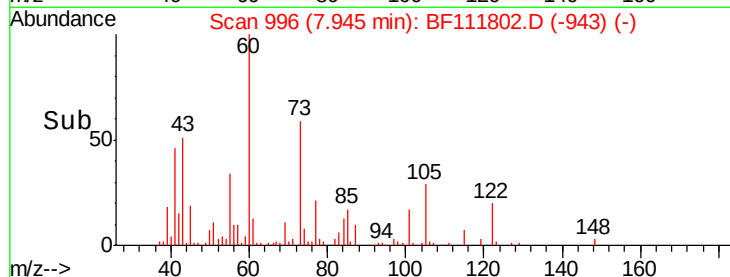
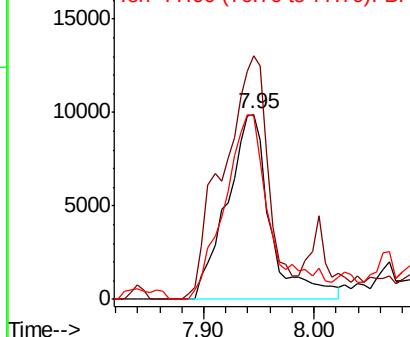


Abundance

Ion 122.00 (121.70 to 122.70): E

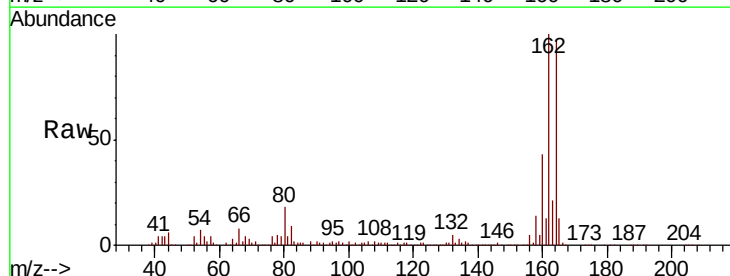
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111802.D
Acq: 28 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.0
160	43.9	35.7	53.5

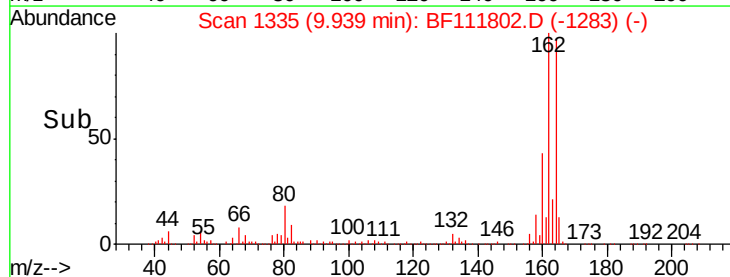
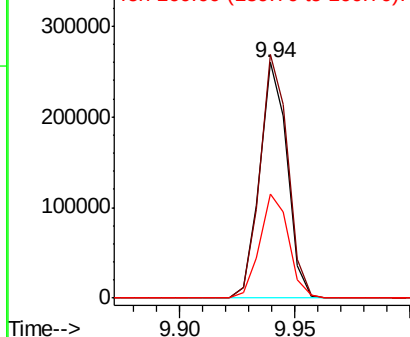


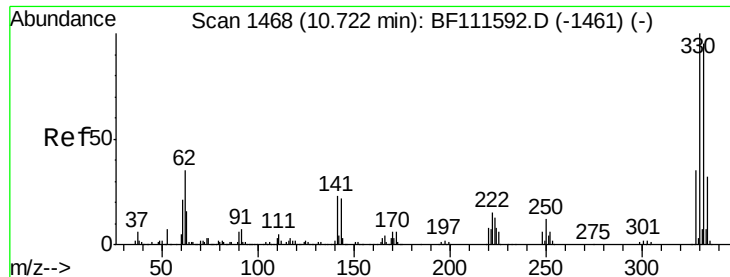
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.482 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111802.D

Acq: 28 Dec 2018 21:23

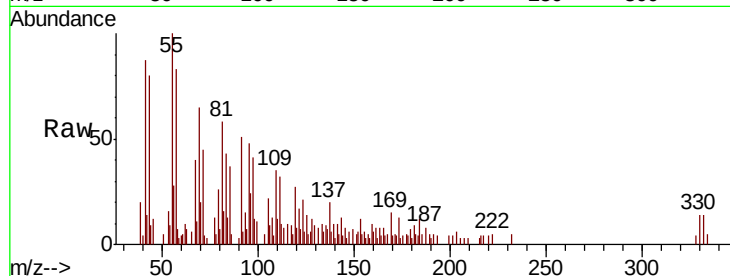
Instrument :

BNA_F

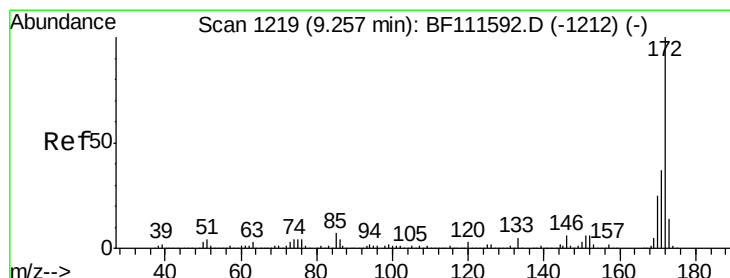
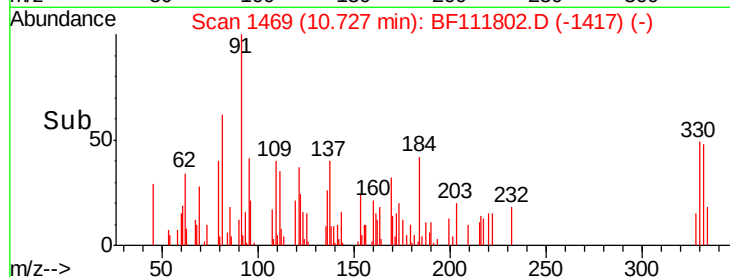
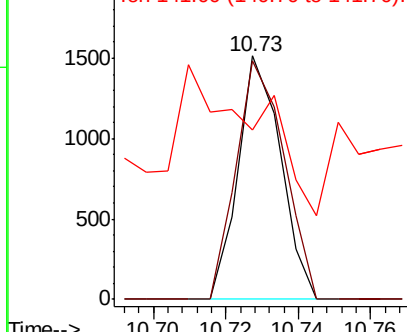
ClientSampleId :

SS-122618-ARE

Tgt Ion:	330	Resp:	1236
Ion Ratio	Lower	Upper	
330	100		
332	110.4	76.0	114.0
141	115.5	31.0	46.6#



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: 1.052 ng

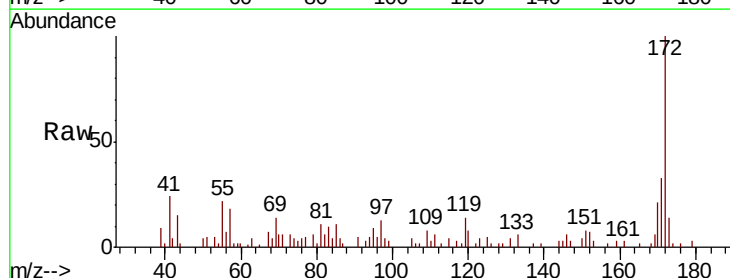
RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

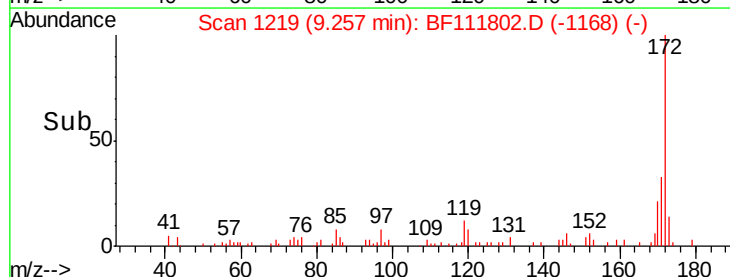
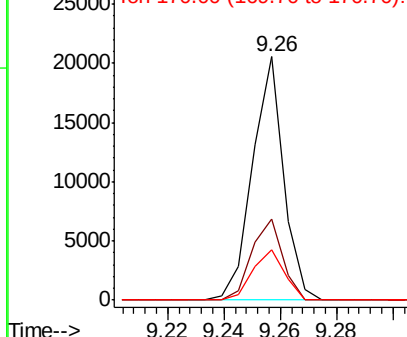
Lab File: BF111802.D

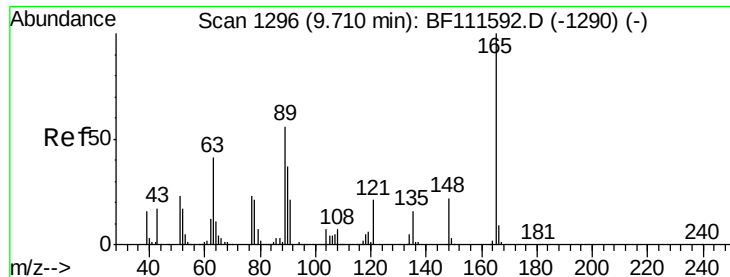
Acq: 28 Dec 2018 21:23

Tgt Ion:	172	Resp:	15655
Ion Ratio	Lower	Upper	
172	100		
171	33.2	33.0	49.4
170	20.9	22.3	33.5#



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: 9.273 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.23 min

Lab File: BF111802.D

Acq: 28 Dec 2018 21:23

Instrument :

BNA_F

ClientSampleId :

SS-122618-ARE

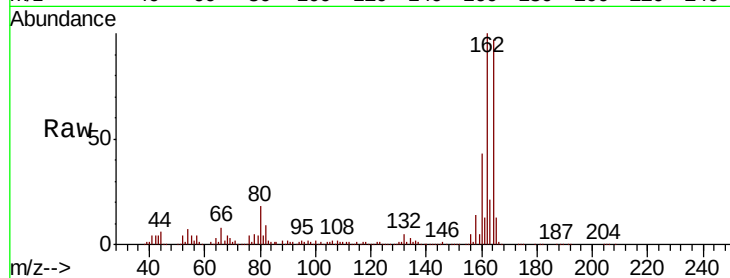
Tgt Ion:165 Resp: 29338

Ion Ratio Lower Upper

165 100

63 2.1 40.5 60.7#

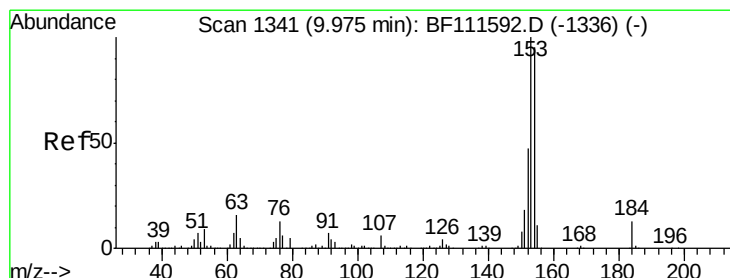
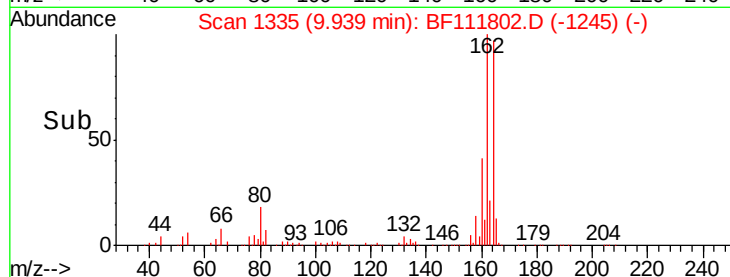
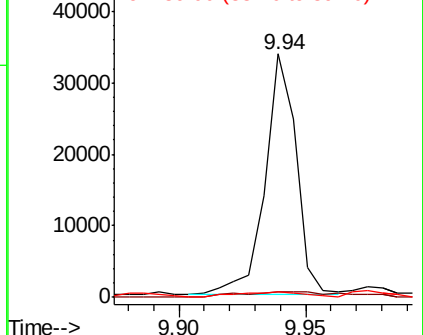
89 2.1 40.0 60.0#



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



#54

2,4-Dinitrophenol

Concen: 7.696 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.06 min

Lab File: BF111802.D

Acq: 28 Dec 2018 21:23

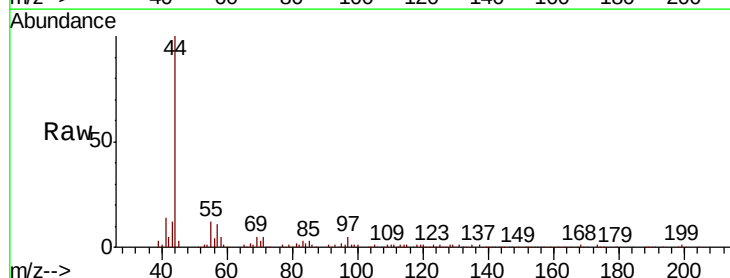
Tgt Ion:184 Resp: 435

Ion Ratio Lower Upper

184 100

63 0.0 62.3 93.5#

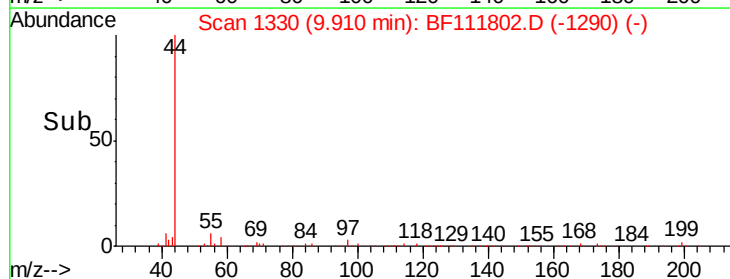
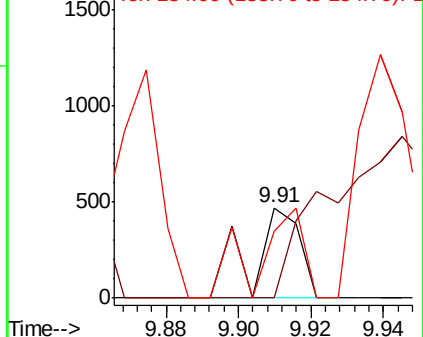
154 74.8 56.2 84.2

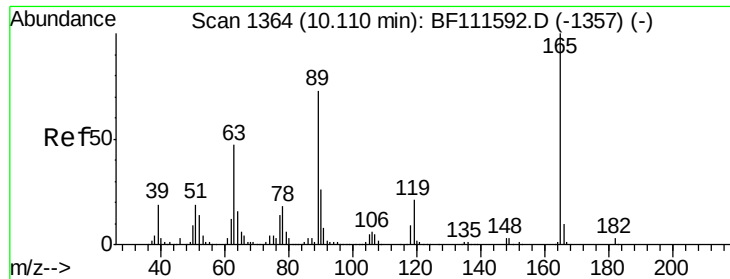


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

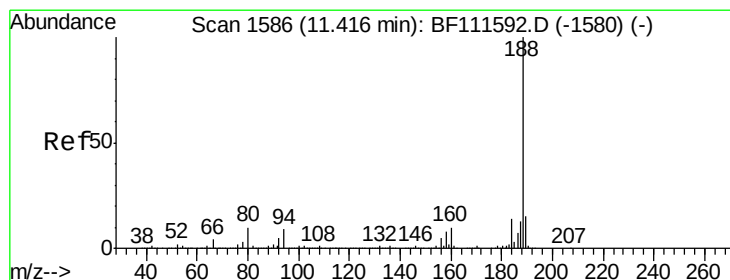
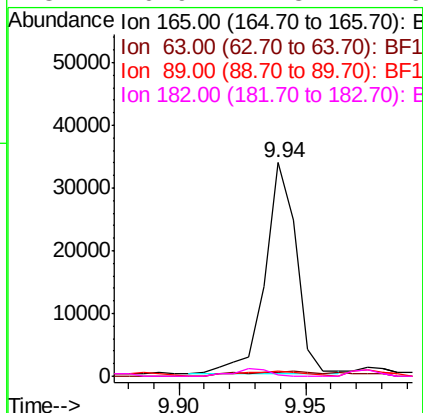
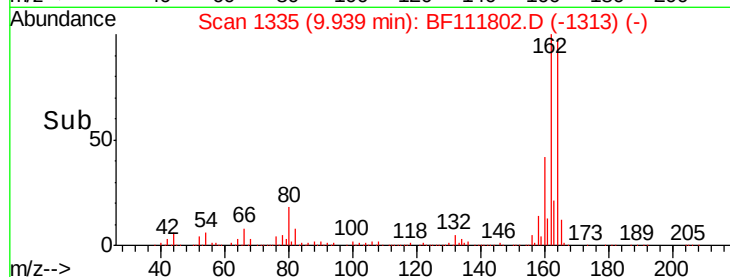
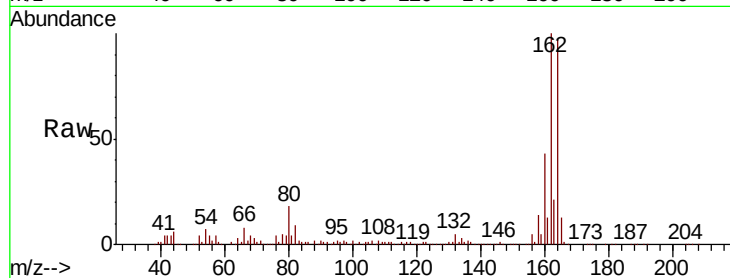




#57
 2,4-Dinitrotoluene
 Concen: 7.716 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111802.D
 Acq: 28 Dec 2018 21:23

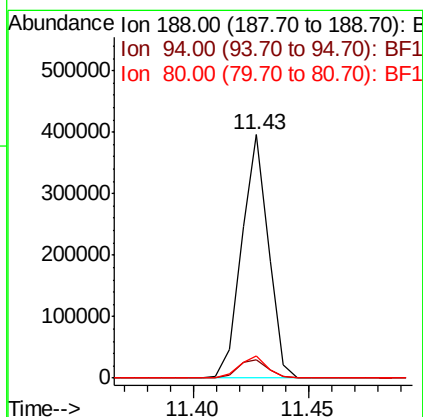
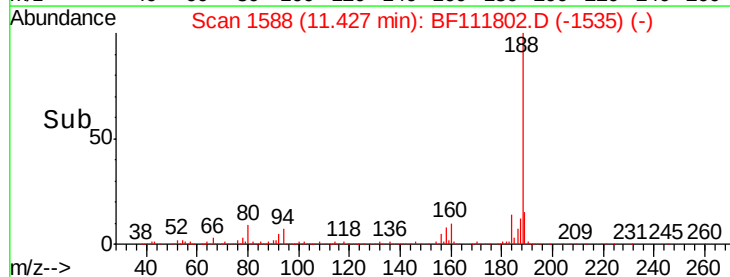
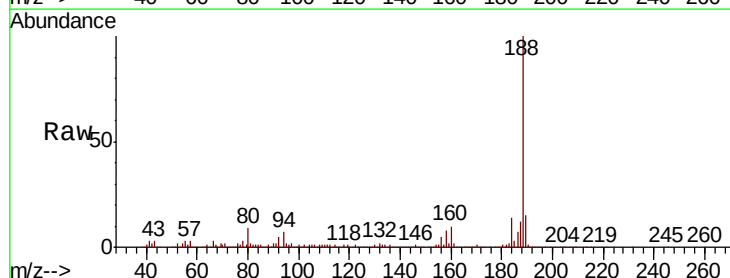
Instrument :
 BNA_F
 ClientSampleId :
 SS-122618-ARE

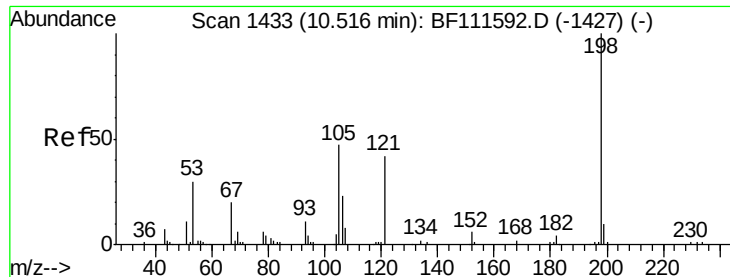
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	2.1	56.2	84.4#
182	0.9	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111802.D
 Acq: 28 Dec 2018 21:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.6	14.4#
80	9.2	9.8	14.6#

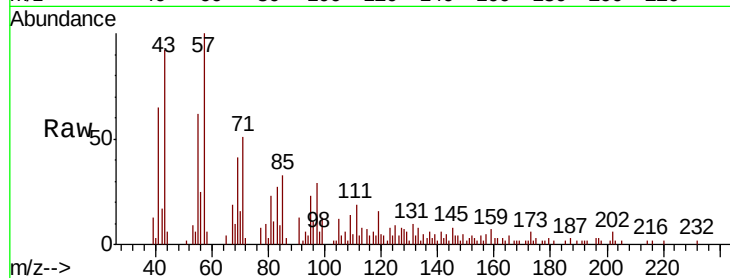




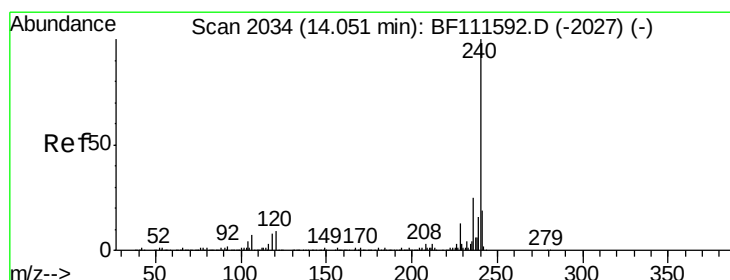
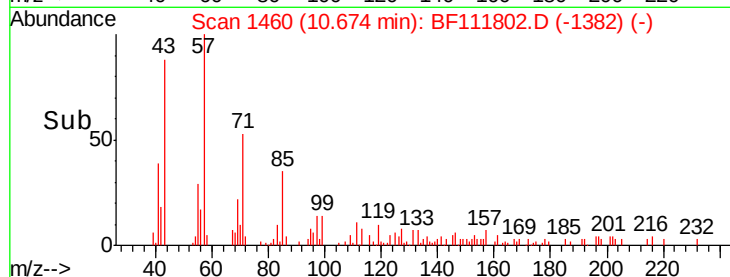
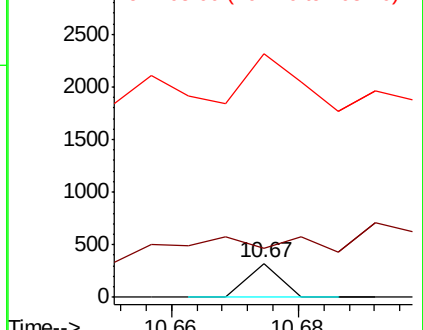
#65
4,6-Dinitro-2-methylphenol
Concen: 6.767 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.16 min
Lab File: BF111802.D
Acq: 28 Dec 2018 21:23

Instrument :
BNA_F
ClientSampleId :
SS-122618-ARE

Tgt Ion:198 Resp: 114
Ion Ratio Lower Upper
198 100
51 144.1 48.0 88.0#
105 714.2 34.0 74.0#

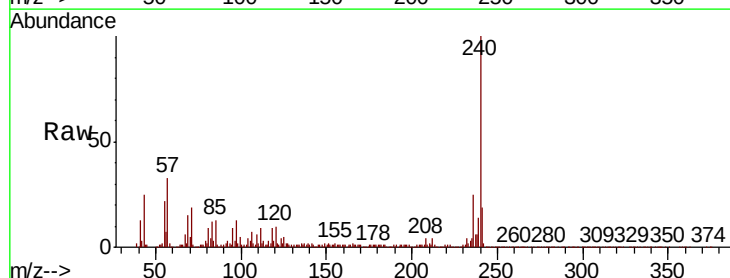


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

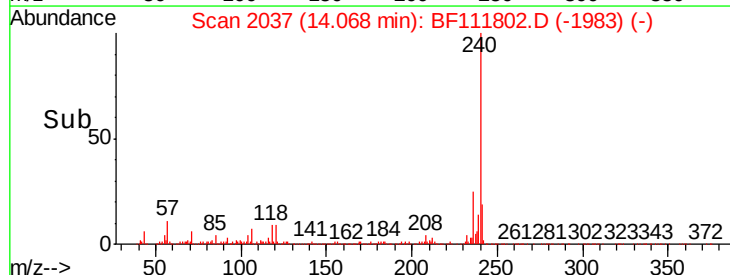
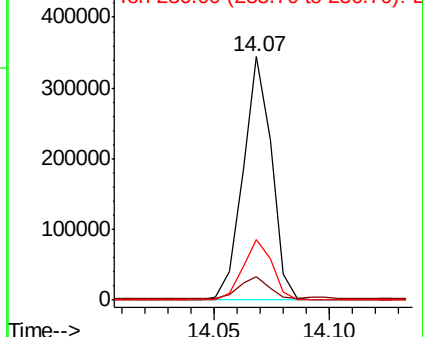


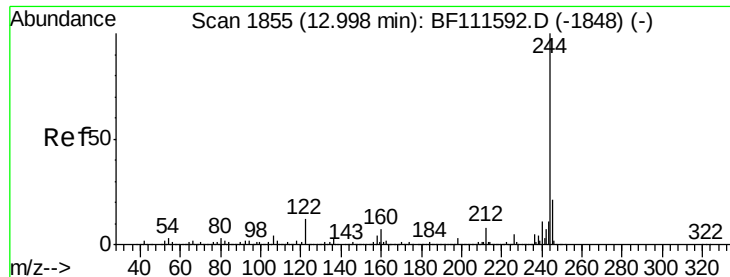
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111802.D
Acq: 28 Dec 2018 21:23

Tgt Ion:240 Resp: 297449
Ion Ratio Lower Upper
240 100
120 9.6 12.2 18.2#
236 25.1 20.2 30.2



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: 0.883 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111802.D

Acq: 28 Dec 2018 21:23

Instrument :

BNA_F

ClientSampleId :

SS-122618-ARE

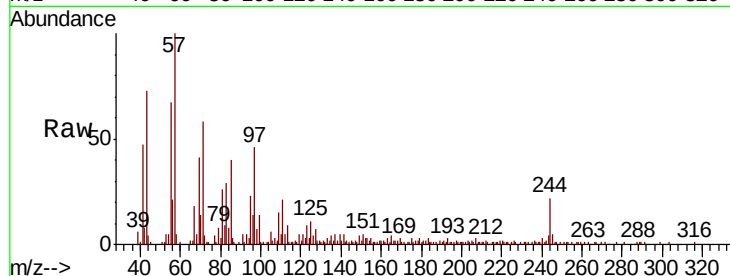
Tgt Ion:244 Resp: 13853

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

122 13.9 13.1 19.7

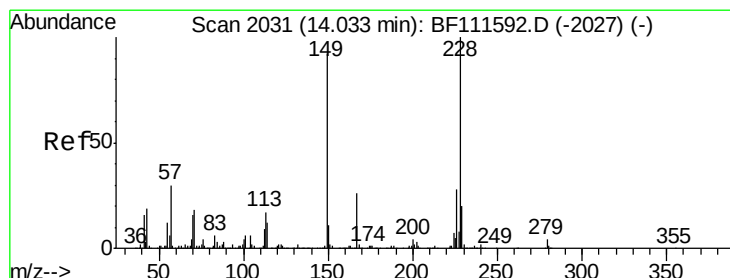
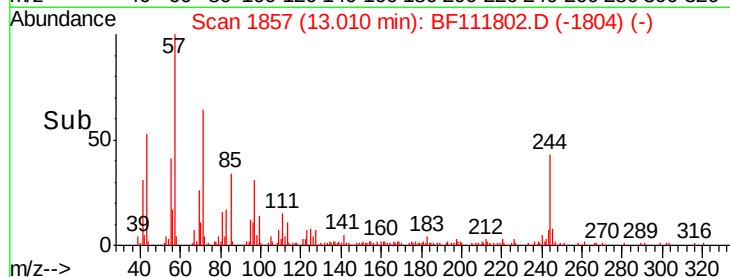
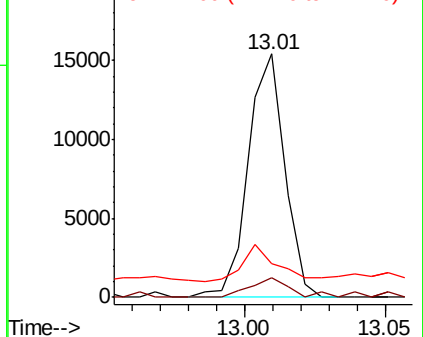


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.234 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111802.D

Acq: 28 Dec 2018 21:23

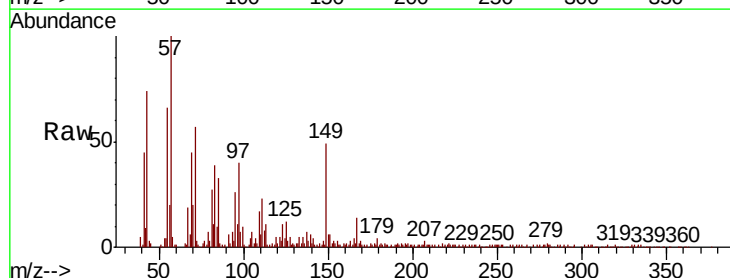
Tgt Ion:149 Resp: 45659

Ion Ratio Lower Upper

149 100

167 29.5 22.5 33.7

279 5.0 2.6 4.0#

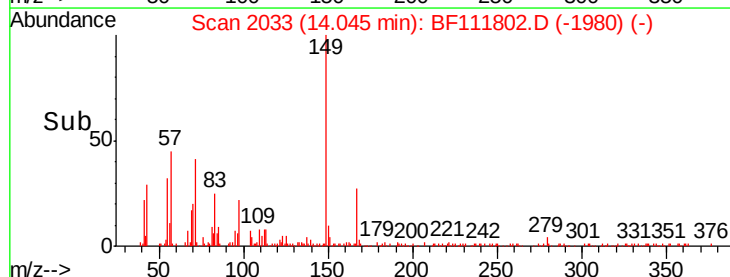
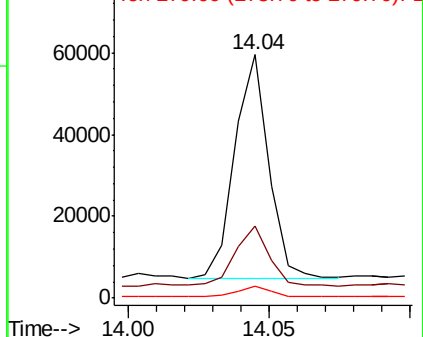


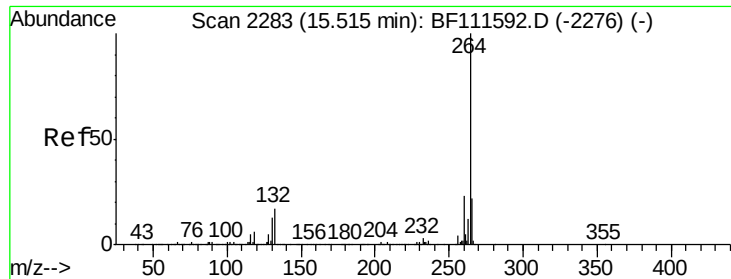
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111802.D
Acq: 28 Dec 2018 21:23

Instrument :
BNA_F
ClientSampleId :
SS-122618-ARE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	22.4	17.7	26.5

