

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111966.D
 Acq On : 9 Jan 2019 22:53
 Operator : JU/SJ
 Sample : K1075-03RE 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:55:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

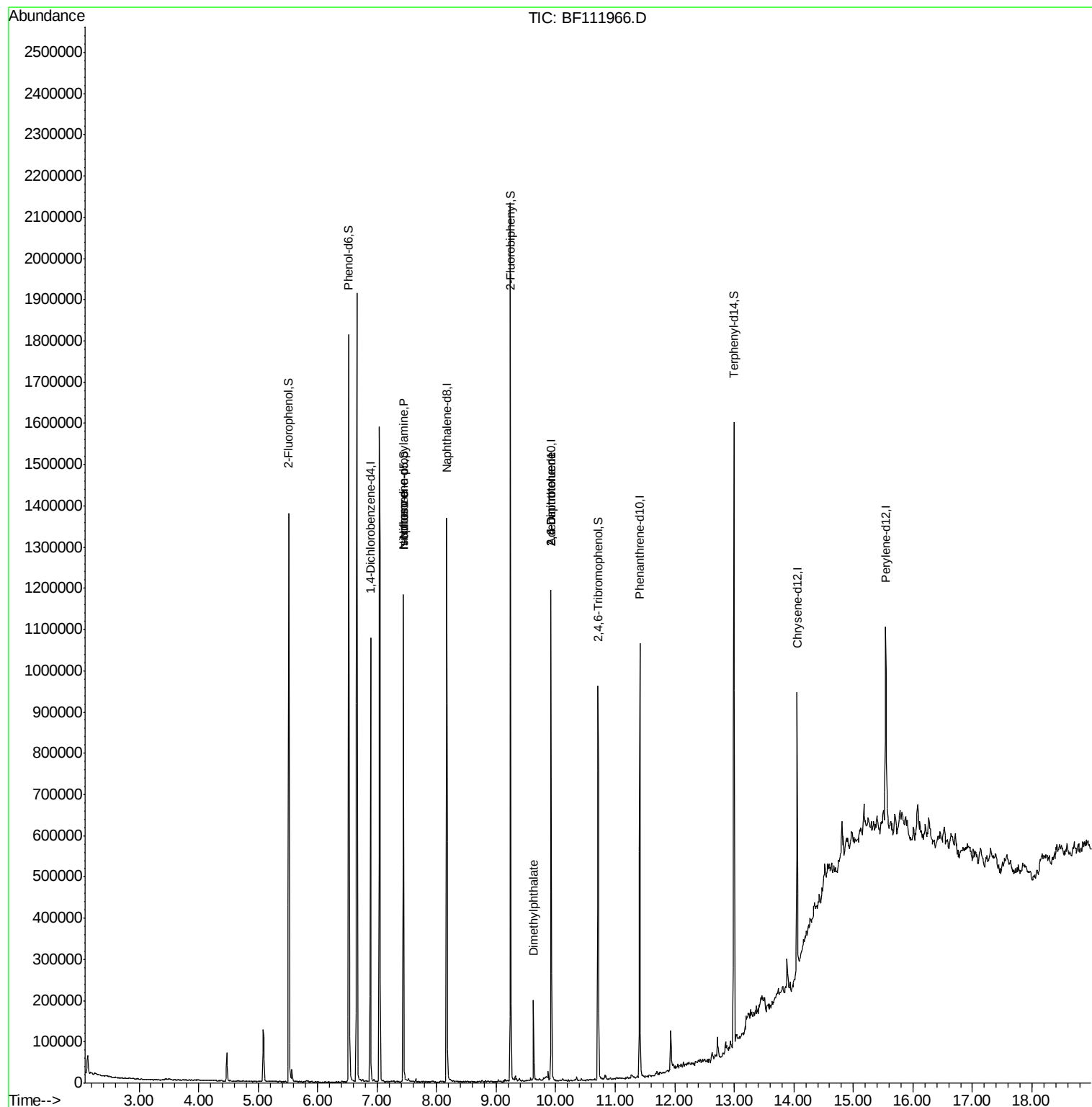
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	152105	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	566957	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	232406	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	366919	20.00	ng	0.00
76) Chrysene-d12	14.05	240	248296	20.00	ng	0.00
87) Perylene-d12	15.54	264	225207	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	372647	41.91	ng	0.00
7) Phenol-d6	6.52	99	533796	46.58	ng	-0.01
23) Nitrobenzene-d5	7.44	82	339046	31.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	116260	38.46	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	604705	37.94	ng	-0.01
79) Terphenyl-d14	12.99	244	462012	35.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	963	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	45534	6.116 ng	#	77
25) Isophorone	7.44	82	339042	19.737 ng	#	65
50) Dimethylphthalate	9.63	163	73880	4.232 ng		100
51) 2,6-Dinitrotoluene	9.92	165	29710	7.610 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	29710	5.889 ng	#	27

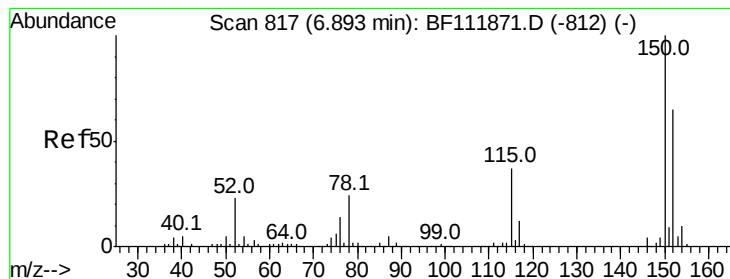
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111966.D
Acq On : 9 Jan 2019 22:53
Operator : JU/SJ
Sample : K1075-03RE 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 10 01:55:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



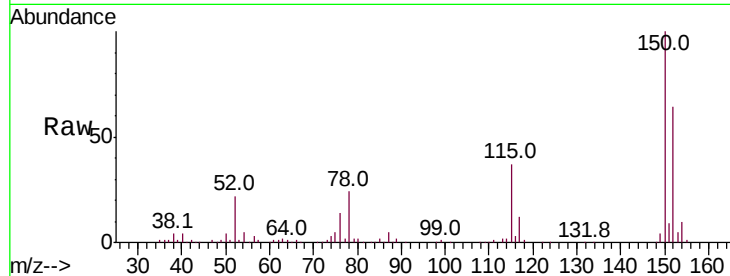


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111966.D
Acq: 9 Jan 2019 22:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	58.3	45.2	67.8

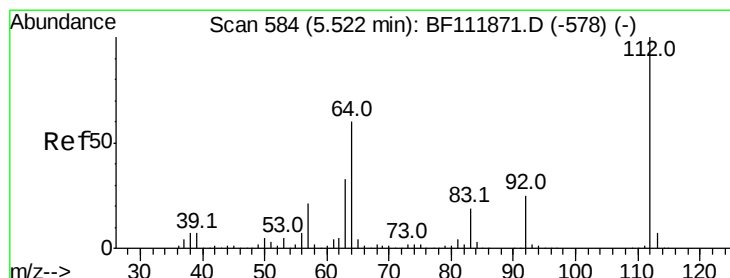
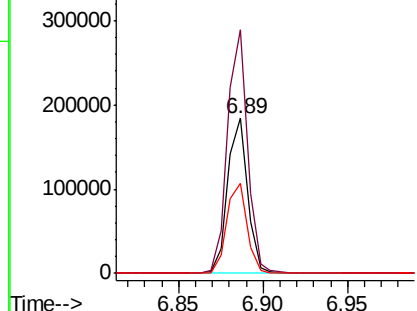
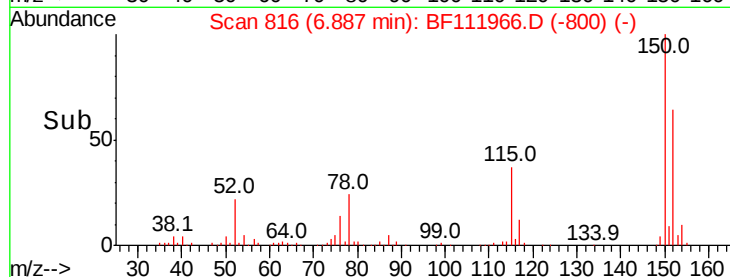


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

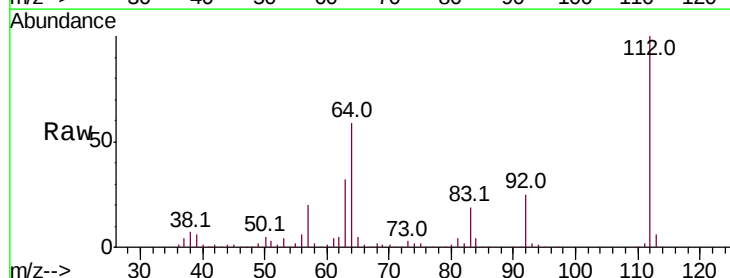
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.914 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111966.D
Acq: 9 Jan 2019 22:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.3	72.5
63	31.8	26.1	39.1

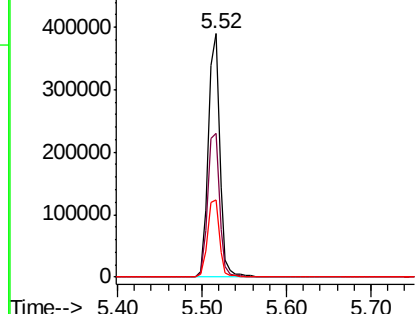
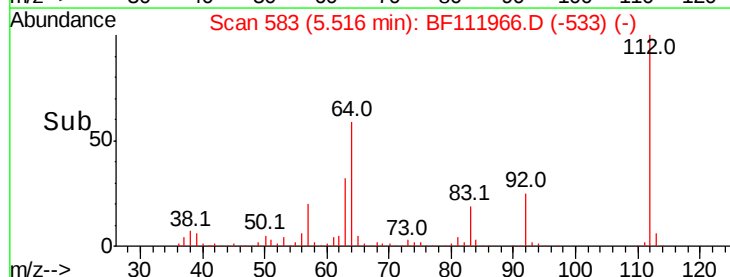


Abundance

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: 46.582 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111966.D

Acq: 9 Jan 2019 22:53

Instrument :

BNA_F

ClientSampleId :

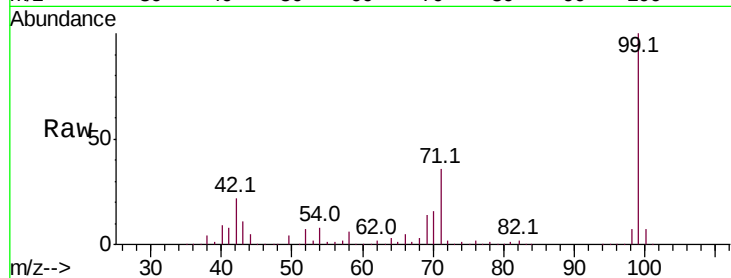
Tot Ion: 99 Resp: 533796

Ion Ratio Lower Upper

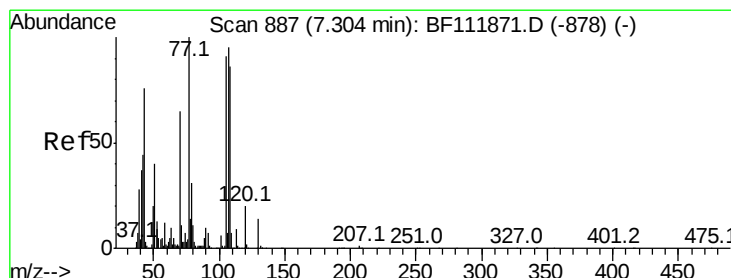
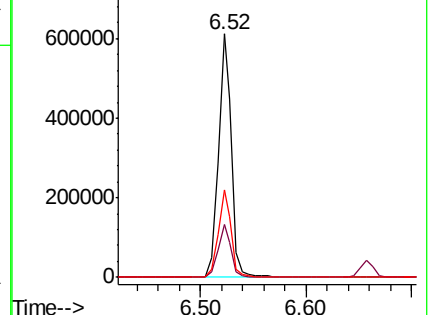
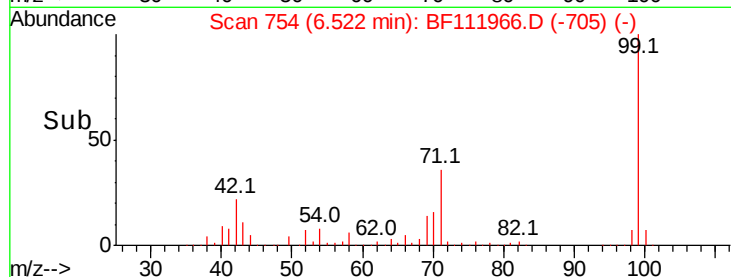
99 100

42 21.8 17.9 26.9

71 36.1 28.7 43.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.116 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF111966.D

Acq: 9 Jan 2019 22:53

Tgt Ion: 70 Resp: 45534

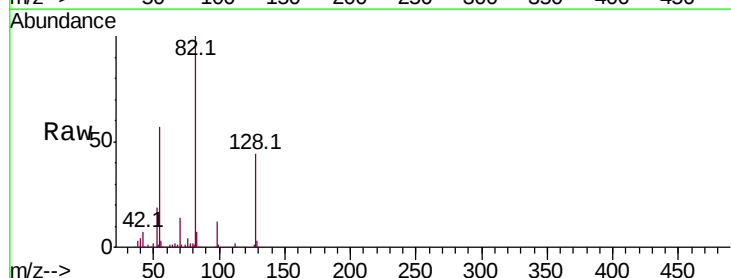
Ion Ratio Lower Upper

70 100

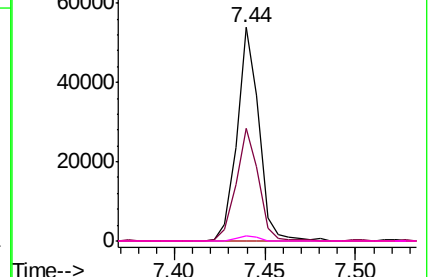
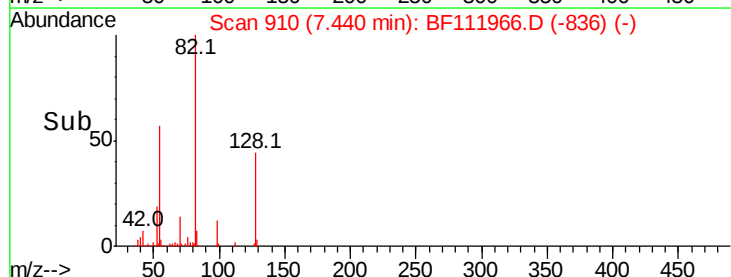
42 53.0 53.6 80.4#

101 0.0 7.3 10.9#

130 2.1 16.8 25.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

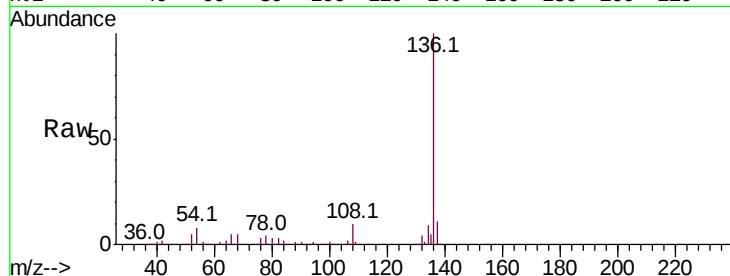




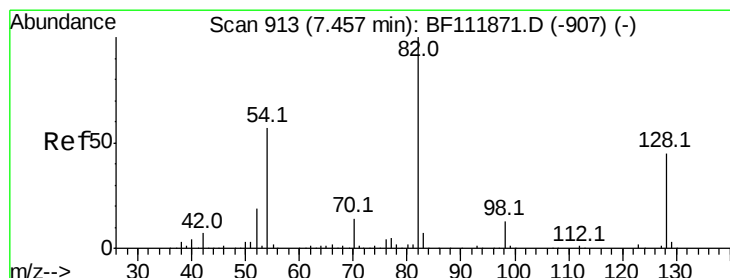
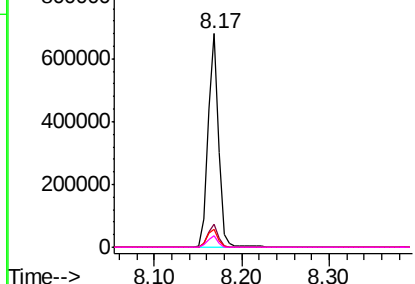
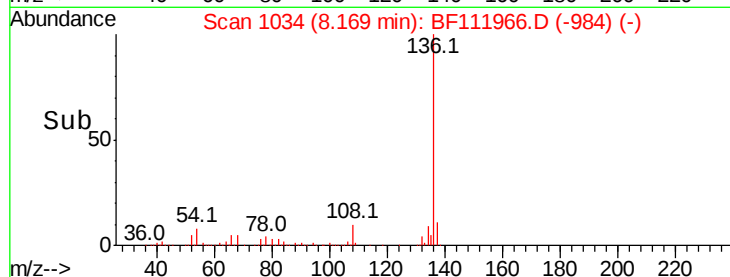
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111966.D
Acq: 9 Jan 2019 22:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 566957
Ion Ratio	Lower Upper
136 100	
137 10.8	9.1 13.7
54 8.3	7.2 10.8
68 5.4	4.4 6.6

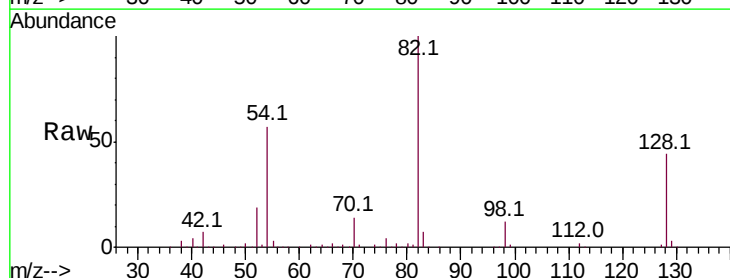


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

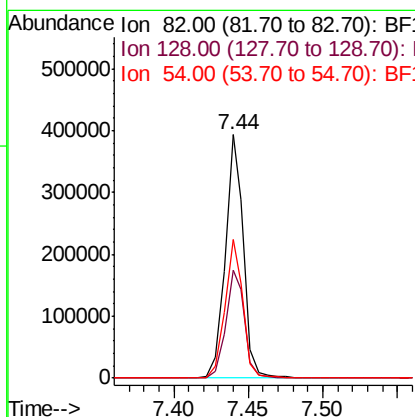
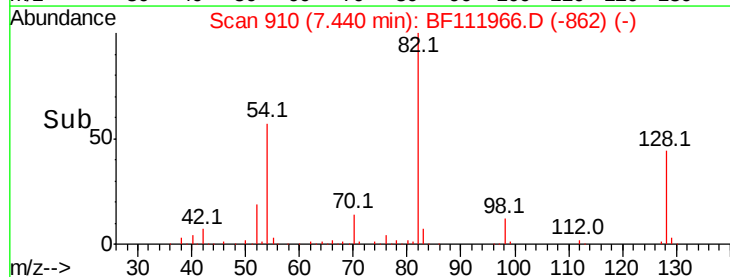


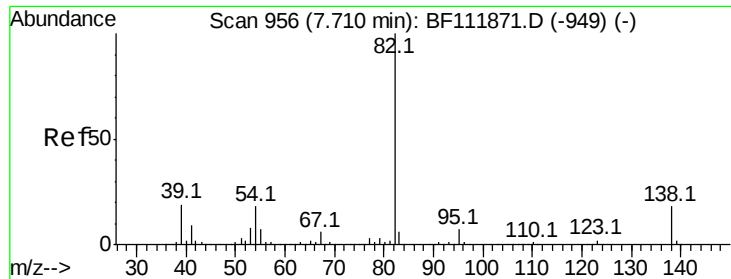
#23
Nitrobenzene-d5
Concen: 31.961 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111966.D
Acq: 9 Jan 2019 22:53

Tgt Ion	82	Resp: 339046	
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	57.0	45.8	68.8



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





#25

Isophorone

Concen: 19.737 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF111966.D

Acq: 9 Jan 2019 22:53

Instrument :

BNA_F

ClientSampled :

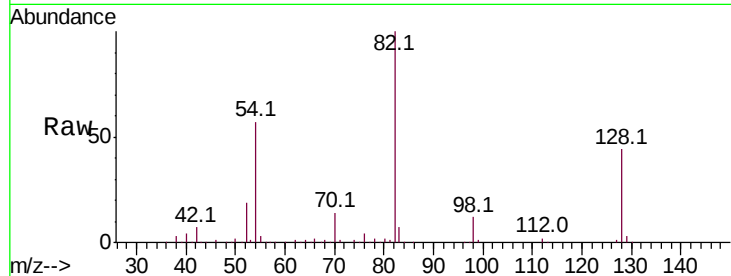
Tot Ion: 82 Resp: 339042

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

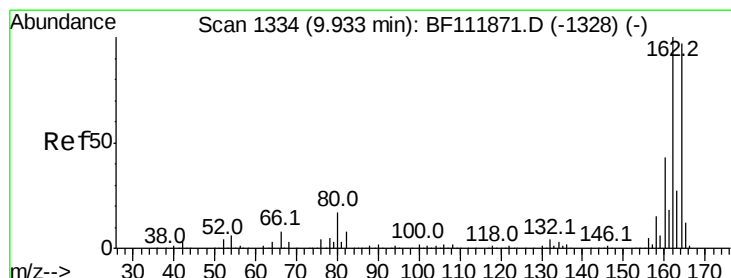
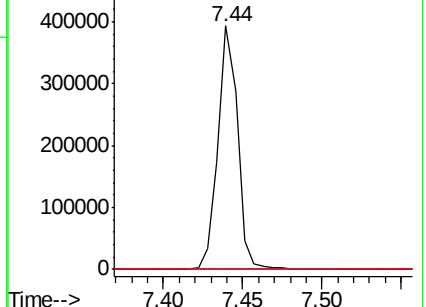
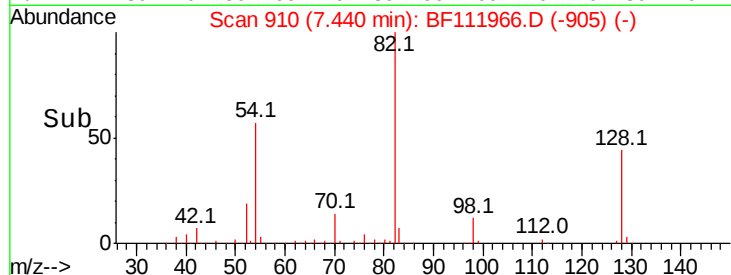
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111966.D

Acq: 9 Jan 2019 22:53

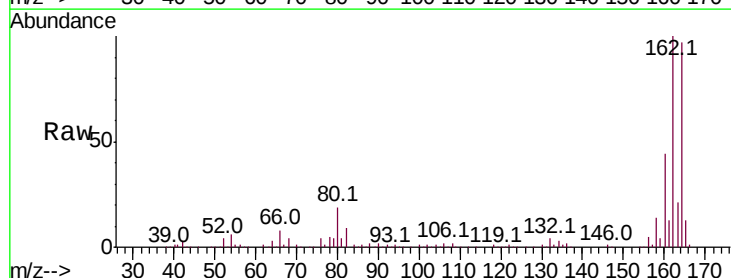
Tgt Ion:164 Resp: 232406

Ion Ratio Lower Upper

164 100

162 102.8 82.2 123.2

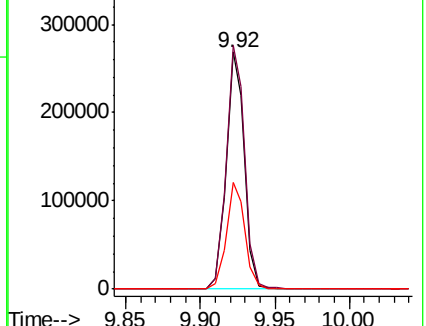
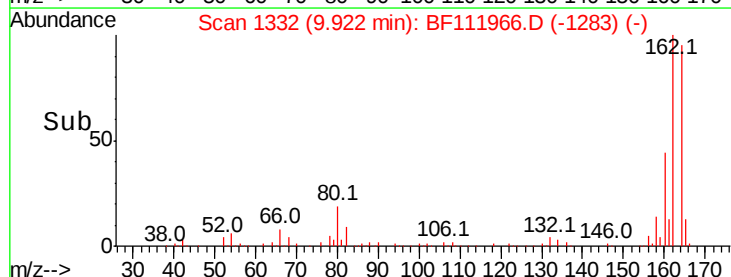
160 45.0 35.5 53.3

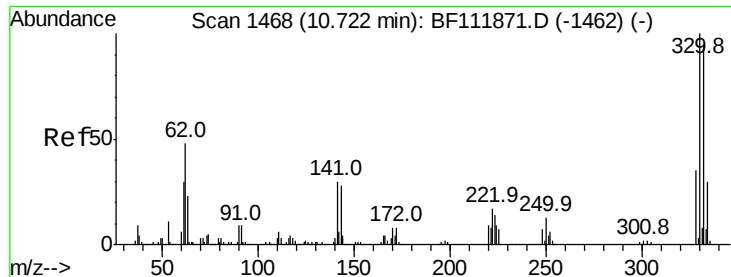


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

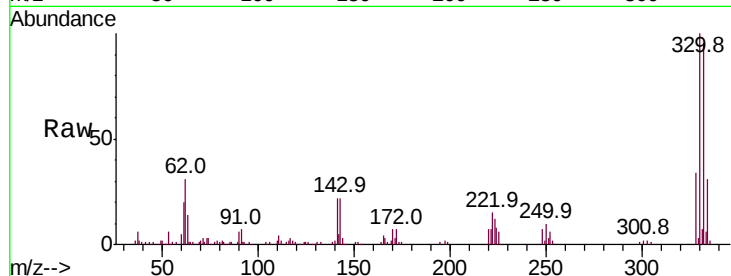




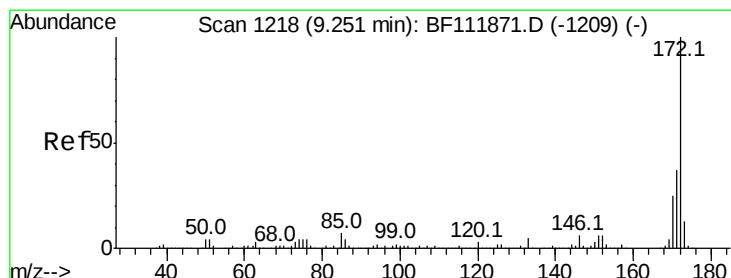
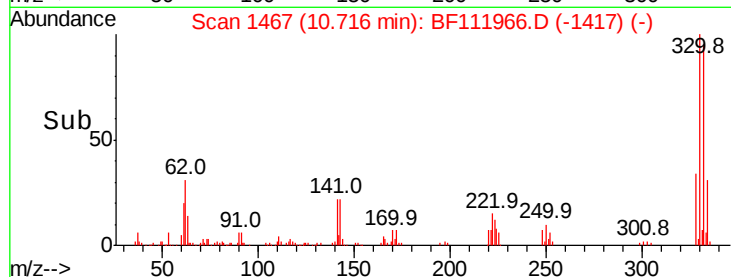
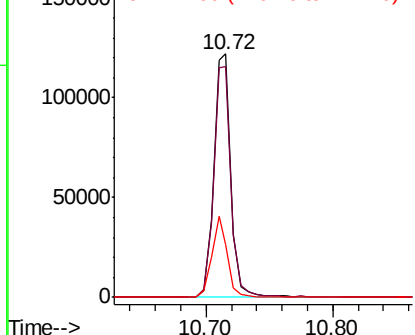
#42
 2,4,6-Tribromophenol
 Concen: 38.460 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111966.D
 Acq: 9 Jan 2019 22:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	30.1	23.7	35.5

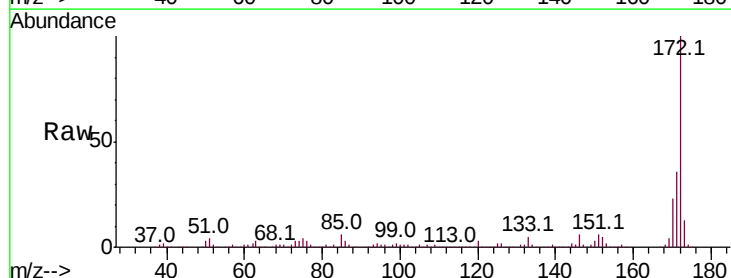


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

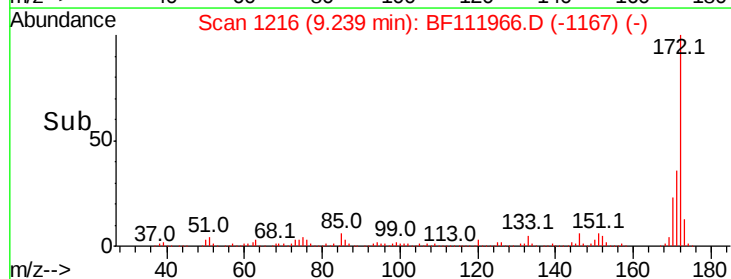
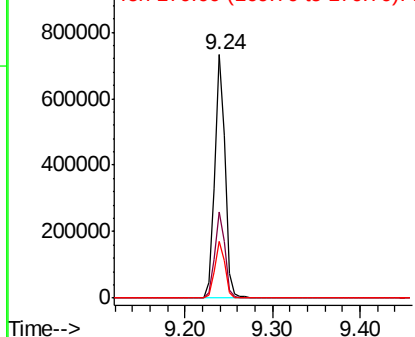


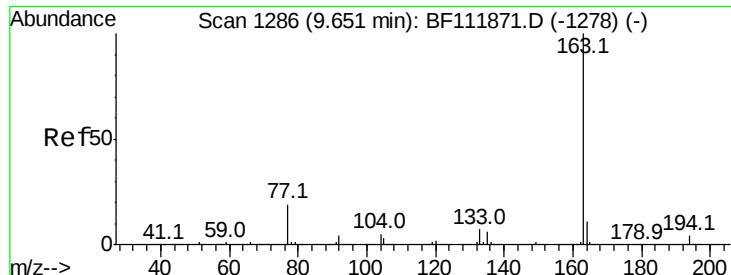
#45
 2-Fluorobiphenyl
 Concen: 37.941 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111966.D
 Acq: 9 Jan 2019 22:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.4	19.8	29.8



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: 4.232 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111966.D

Acq: 9 Jan 2019 22:53

Instrument :

BNA_F

ClientSampleId :

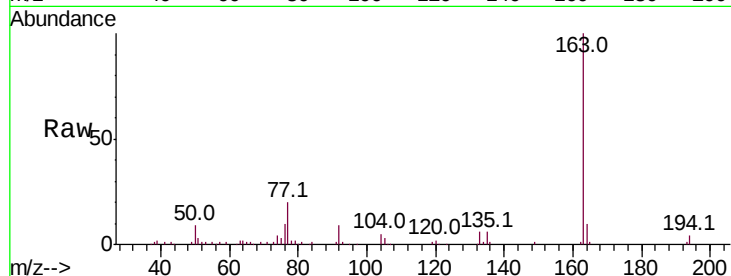
Tot Ion:163 Resp: 73880

Ion Ratio Lower Upper

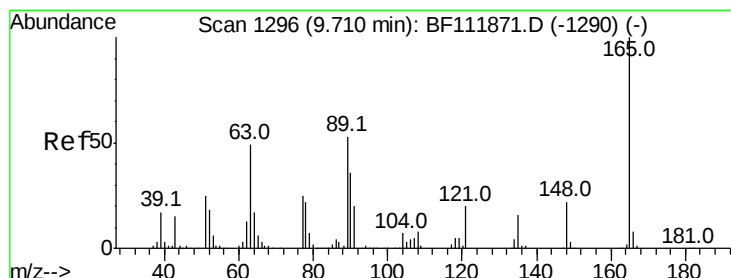
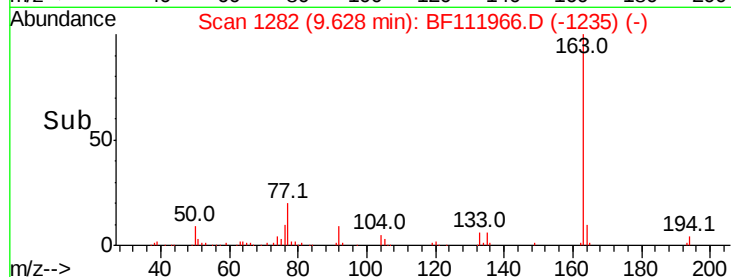
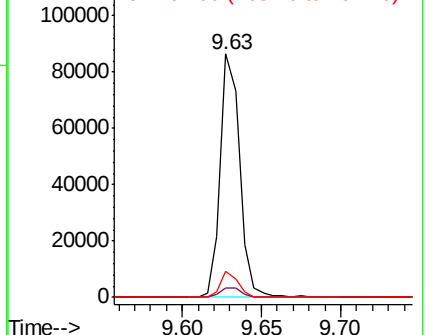
163 100

194 4.1 3.4 5.2

164 10.4 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.610 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF111966.D

Acq: 9 Jan 2019 22:53

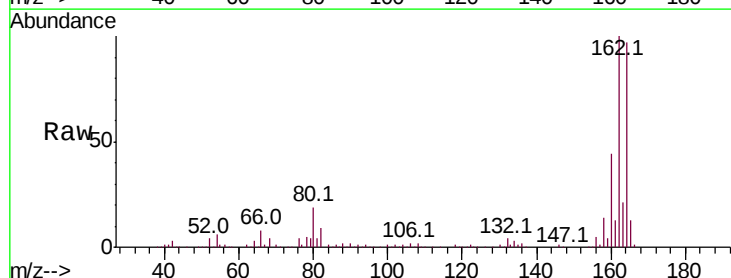
Tgt Ion:165 Resp: 29710

Ion Ratio Lower Upper

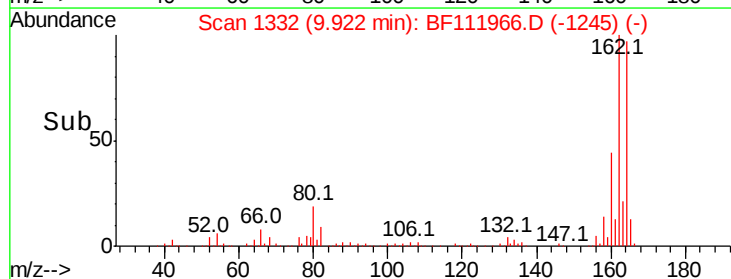
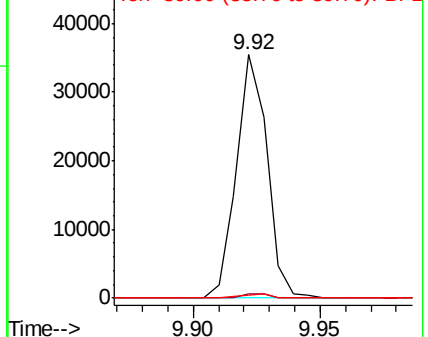
165 100

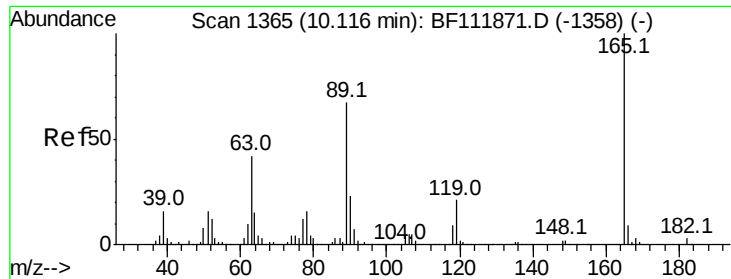
63 1.9 46.2 69.2#

89 1.3 42.2 63.2#



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

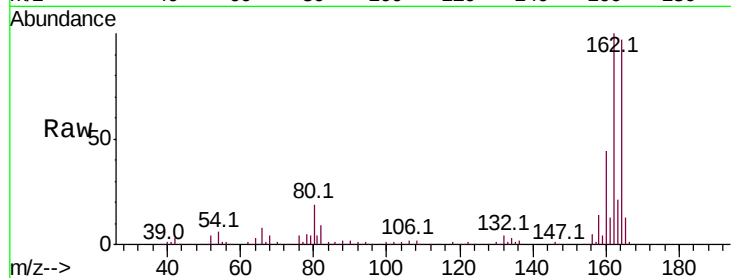




#57
 2,4-Dinitrotoluene
 Concen: 5.889 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111966.D
 Acq: 9 Jan 2019 22:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.1	51.1#
89	1.3	53.5	80.3#
182	0.0	2.0	3.0#



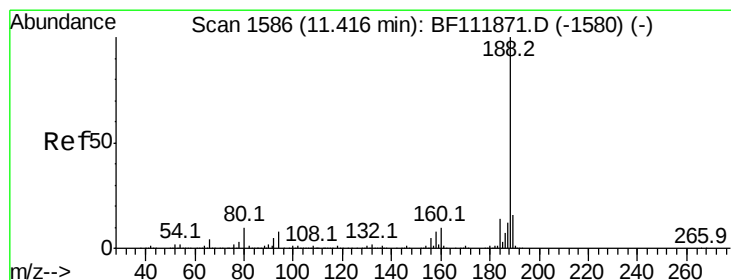
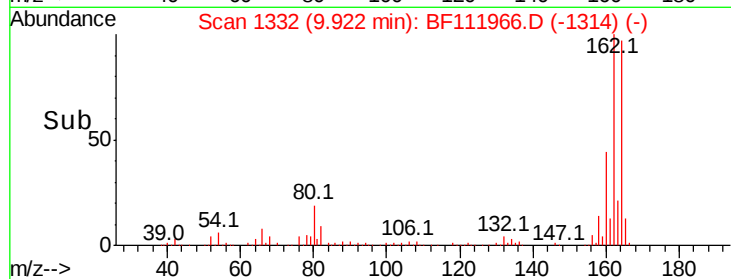
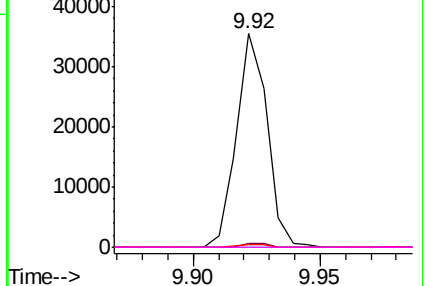
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

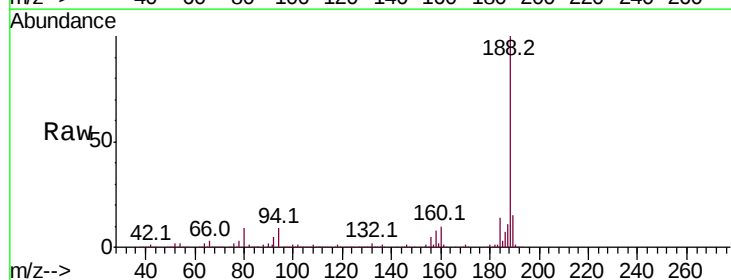
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111966.D
 Acq: 9 Jan 2019 22:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	7.7	11.5

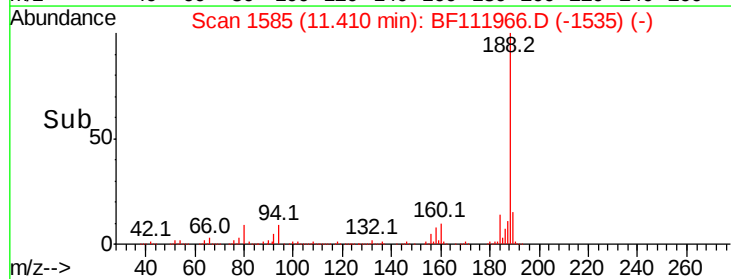
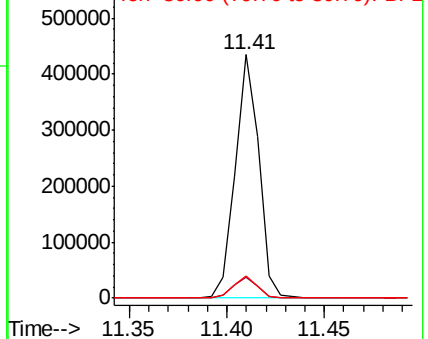


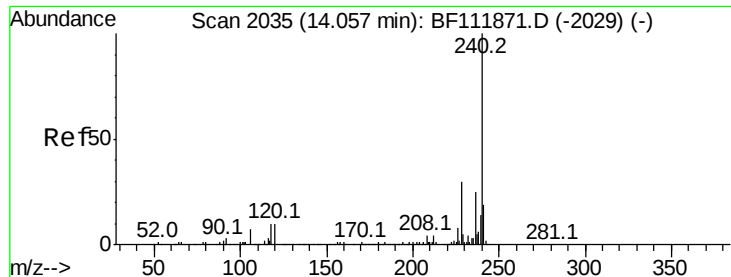
Abundance

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

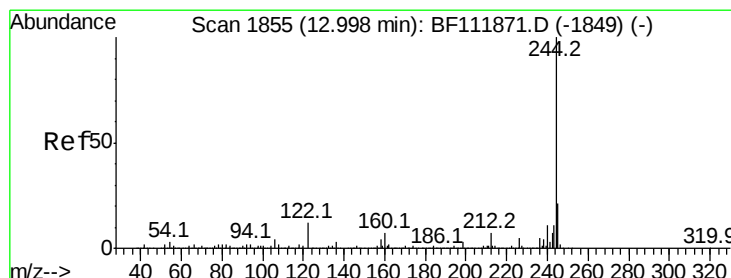
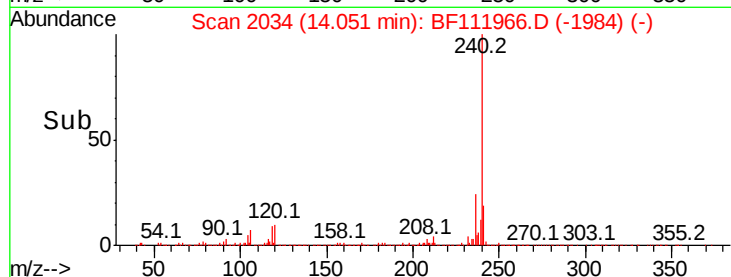
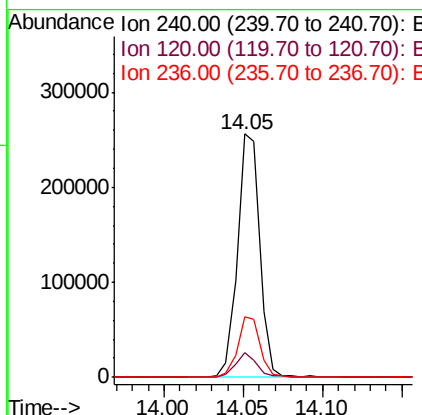
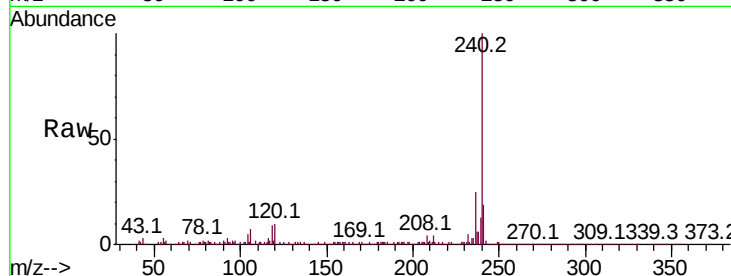




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111966.D
 Acq: 9 Jan 2019 22:53

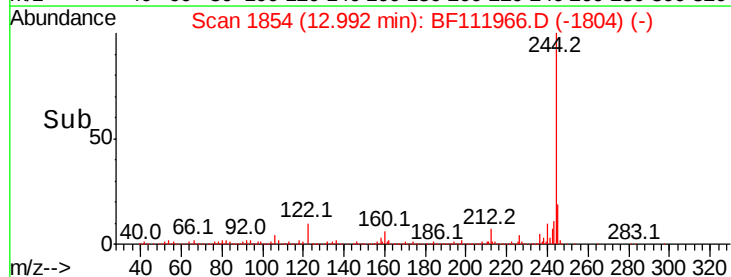
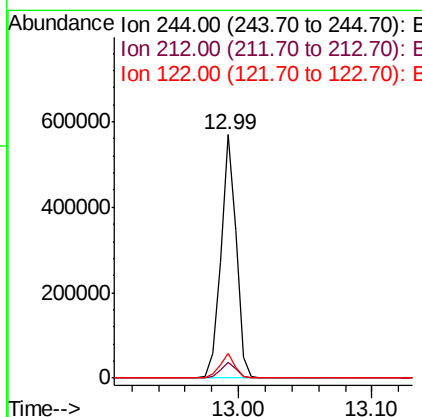
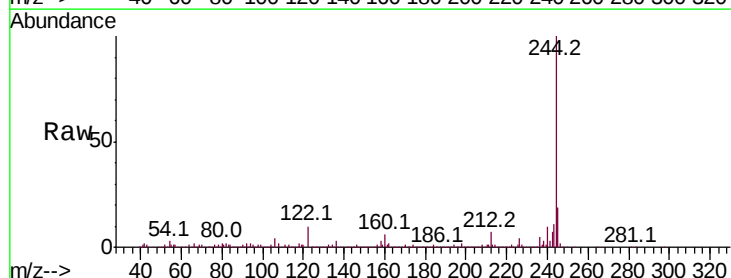
Instrument :
 BNA_F
 ClientSampleId :

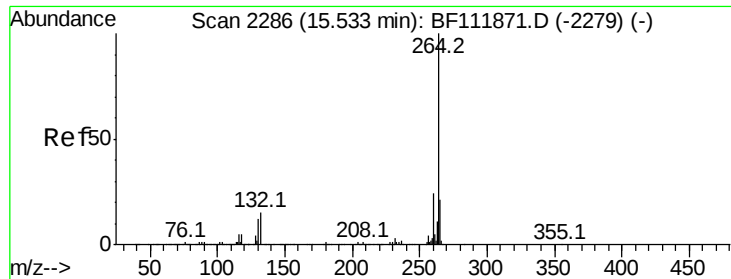
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	24.6	20.2	30.4



#79
 Terphenyl-d14
 Concen: 35.321 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111966.D
 Acq: 9 Jan 2019 22:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.2	9.5	14.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111966.D
Acq: 9 Jan 2019 22:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	225207
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	17.1	25.7

