

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111916.D
 Acq On : 8 Jan 2019 19:23
 Operator : JU/SJ
 Sample : K1074-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 00:58:46 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

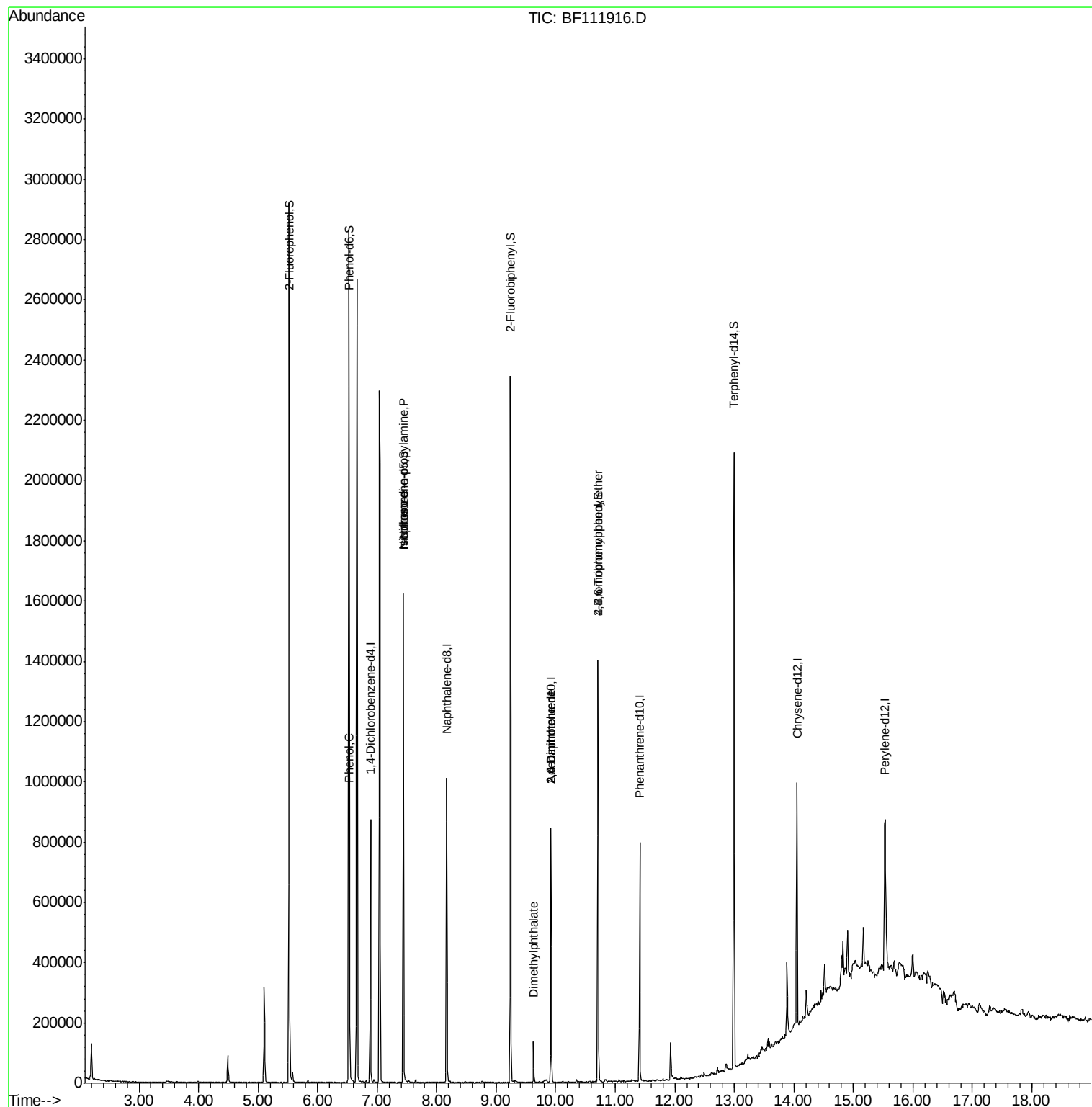
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119053	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	448112	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	151068	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	281495	20.00	ng	0.00
76) Chrysene-d12	14.05	240	281449	20.00	ng	0.00
87) Perylene-d12	15.53	264	245231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	724611	104.13	ng	0.00
7) Phenol-d6	6.53	99	874280	97.48	ng	0.00
23) Nitrobenzene-d5	7.44	82	525010	62.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	159872	81.36	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	664800	64.17	ng	-0.01
79) Terphenyl-d14	12.99	244	658251	44.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1674	Below Cal	Qvalue	# 1
10) Phenol	6.54	94	30302	3.108 ng	#	76
19) n-Nitroso-di-n-propylamine	7.44	70	71361	12.245 ng	#	76
25) Isophorone	7.44	82	522829	38.508 ng	#	65
50) Dimethylphthalate	9.63	163	50496	4.450 ng		99
51) 2,6-Dinitrotoluene	9.92	165	18699	7.368 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	18699	5.702 ng	#	27
67) 4-Bromophenyl-phenylether	10.71	248	9015	2.473 ng	#	1

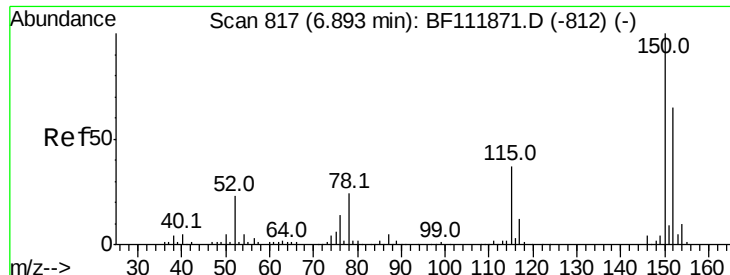
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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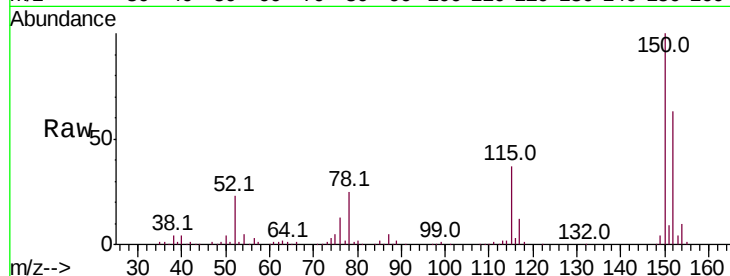


#1

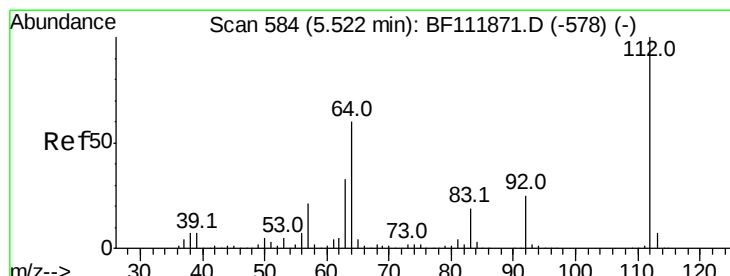
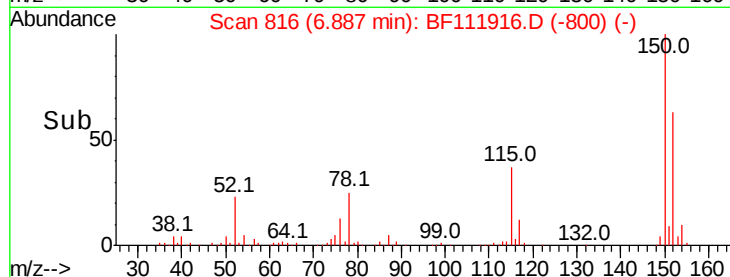
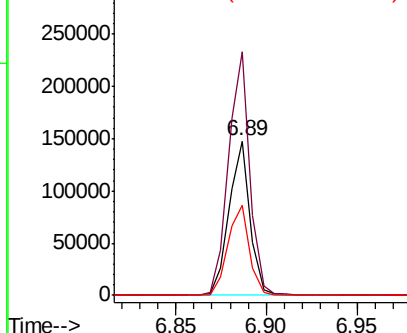
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119053
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 58.5 45.2 67.8



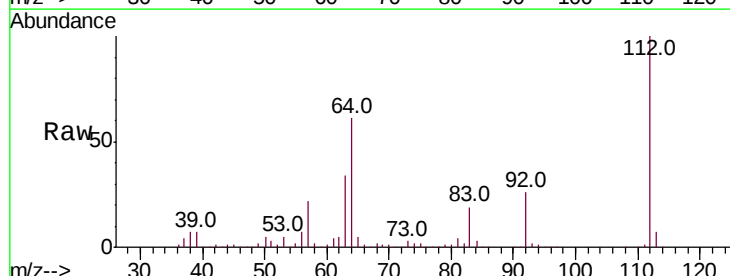
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



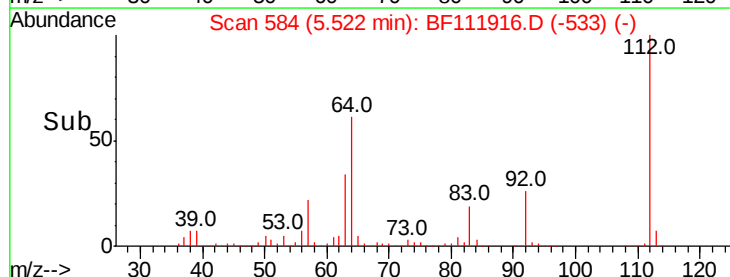
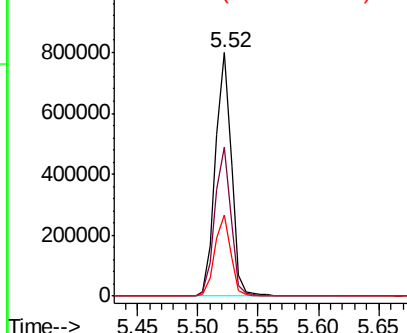
#5

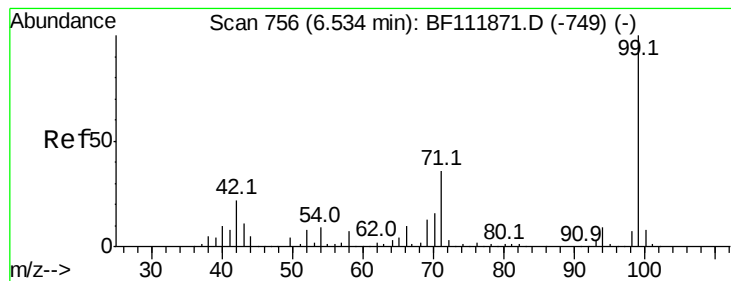
2-Fluorophenol
Concen: 104.128 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion:112 Resp: 724611
Ion Ratio Lower Upper
112 100
64 61.3 48.3 72.5
63 33.6 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: 97.477 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

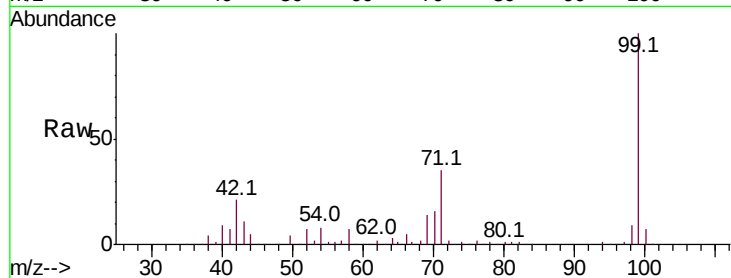
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 874280

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	35.5	28.7	43.1

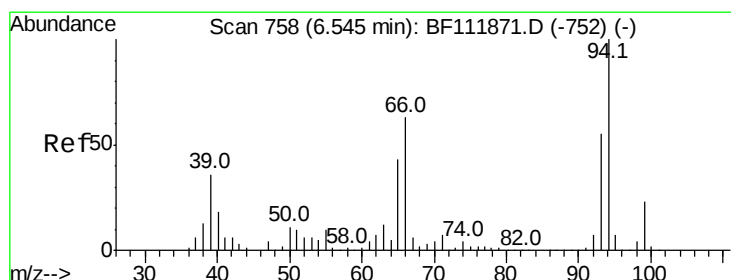
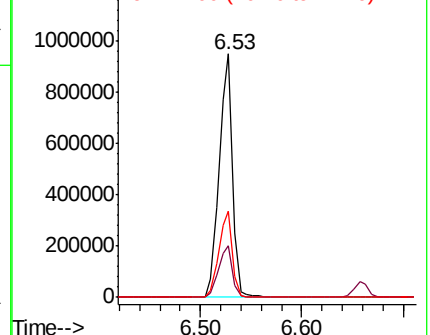
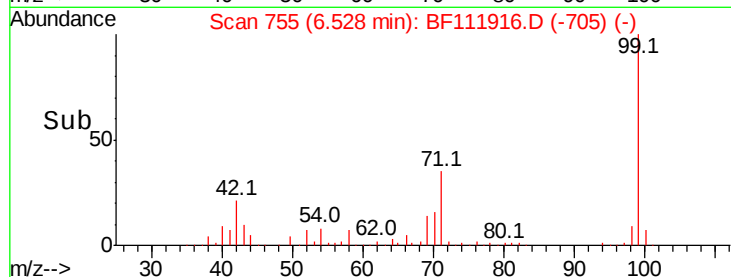


Abundance

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



#10

Phenol

Concen: 3.108 ng

RT: 6.54 min Scan# 757

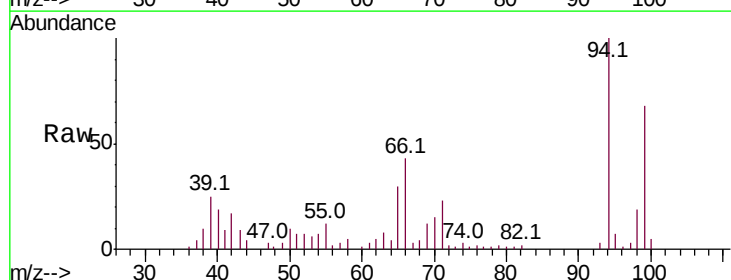
Delta R.T. -0.01 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

Tgt Ion: 94 Resp: 30302

Ion	Ratio	Lower	Upper
94	100		
65	29.5	22.8	62.8
66	42.7	43.3	83.3#

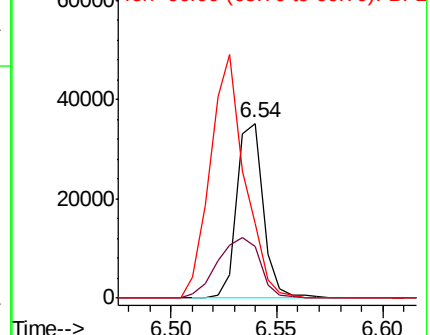
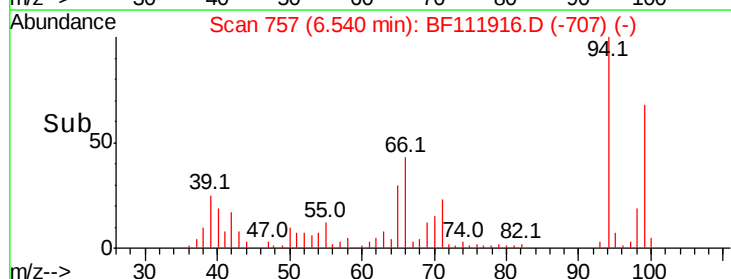


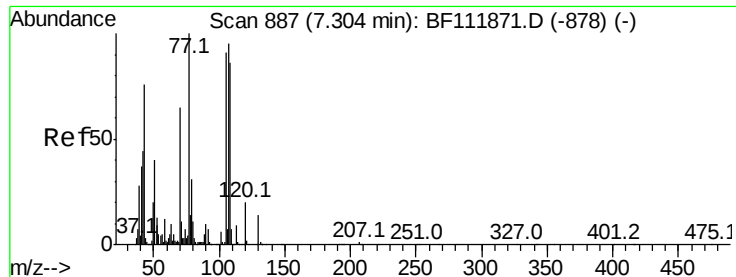
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

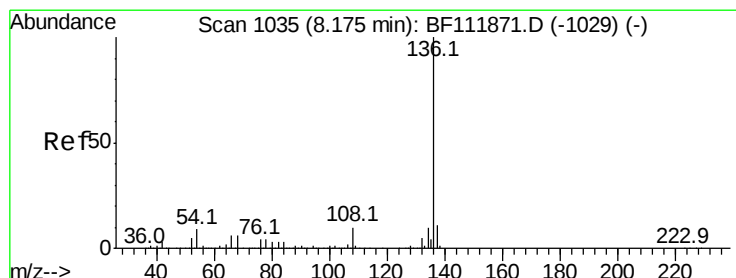
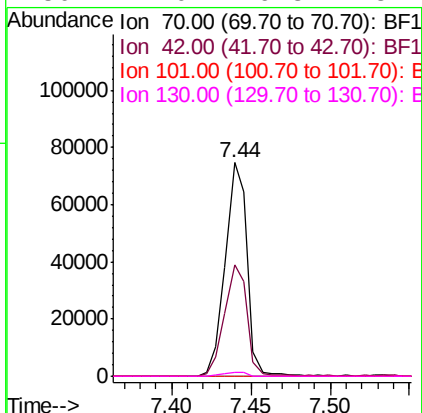
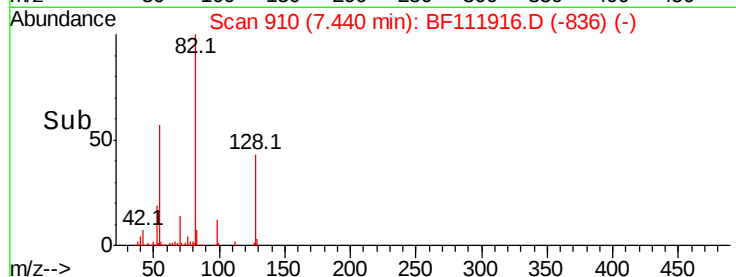
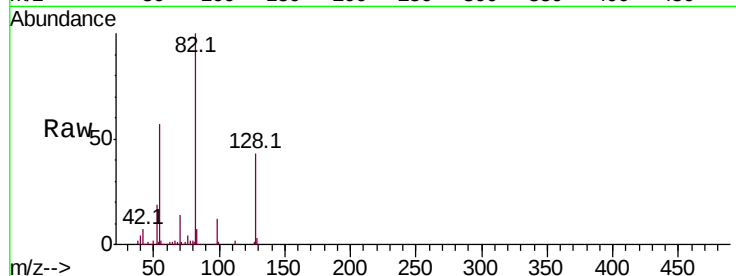




#19
n-Nitroso-di-n-propylamine
Concen: 12.245 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

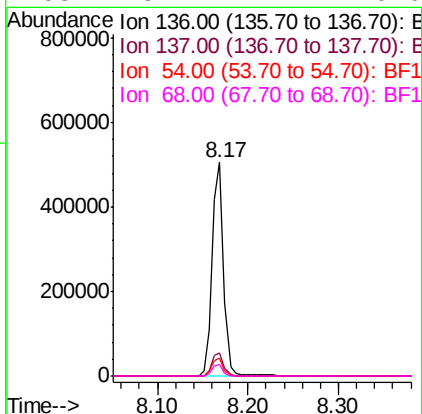
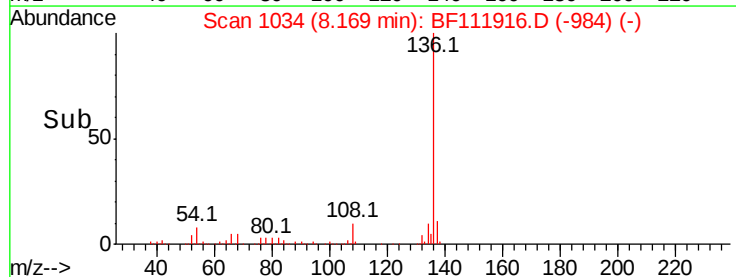
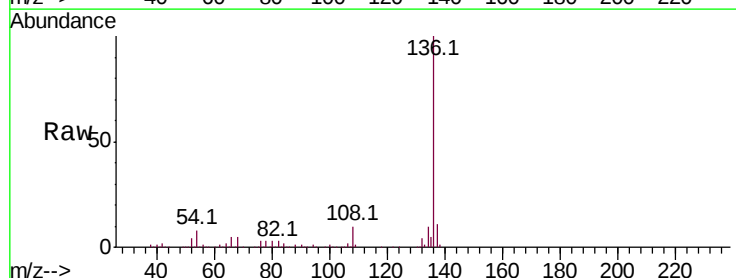
Instrument :
BNA_F
ClientSampleId :

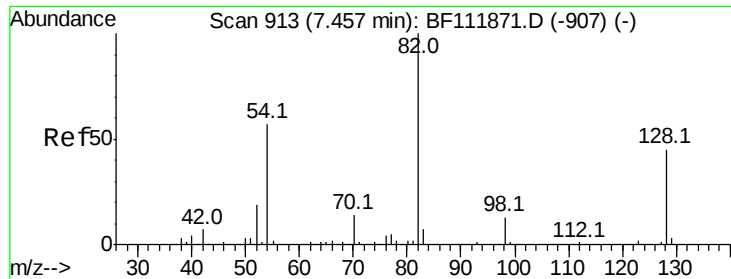
Tot Ion: 70 Resp: 71361
Ion Ratio Lower Upper
70 100
42 52.3 53.6 80.4#
101 0.0 7.3 10.9#
130 2.0 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion: 136 Resp: 448112
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.2 7.2 10.8
68 5.1 4.4 6.6

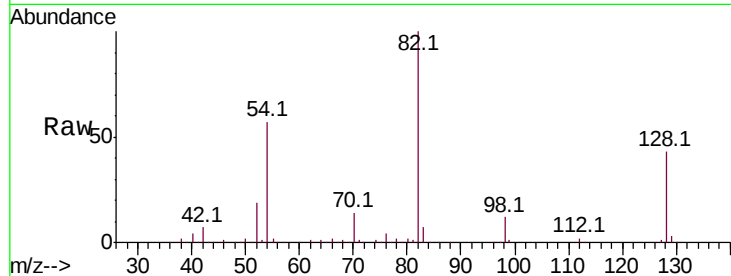




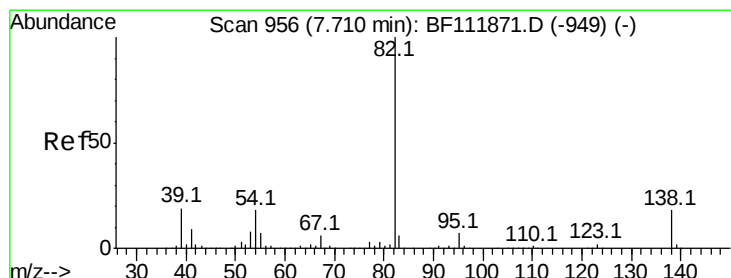
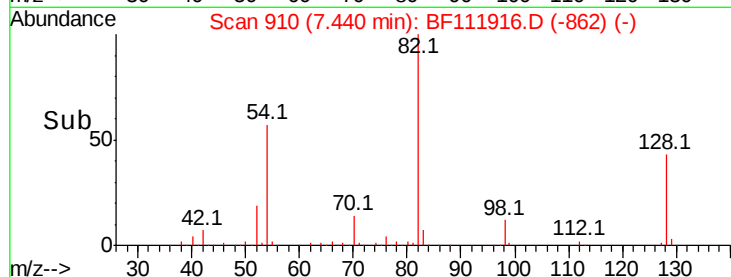
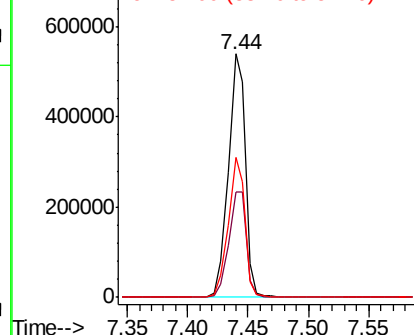
#23
Nitrobenzene-d5
Concen: 62.617 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 525010
Ion Ratio Lower Upper
82 100
128 43.4 35.7 53.5
54 57.3 45.8 68.8

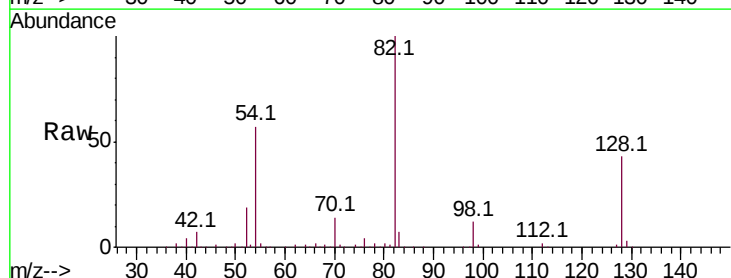


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

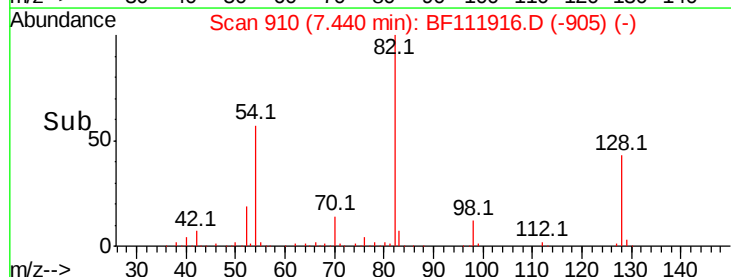
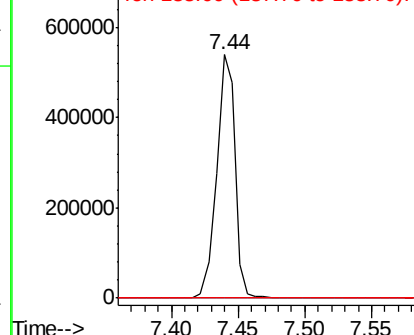


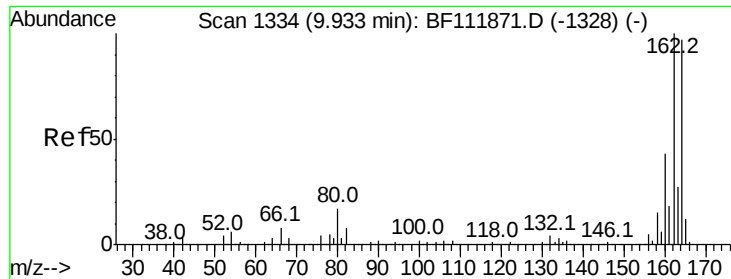
#25
Isophorone
Concen: 38.508 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion: 82 Resp: 522829
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

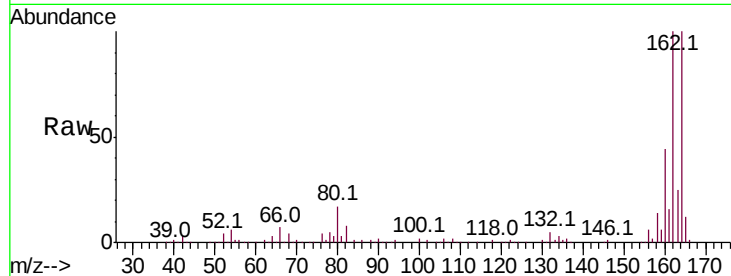




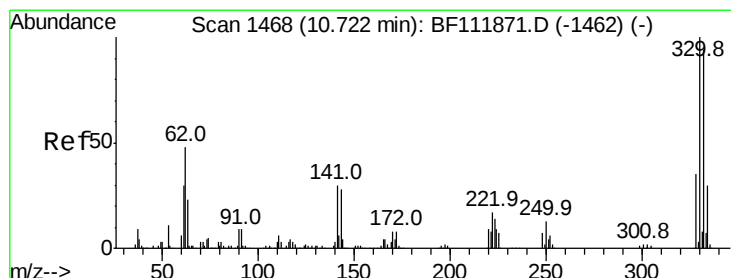
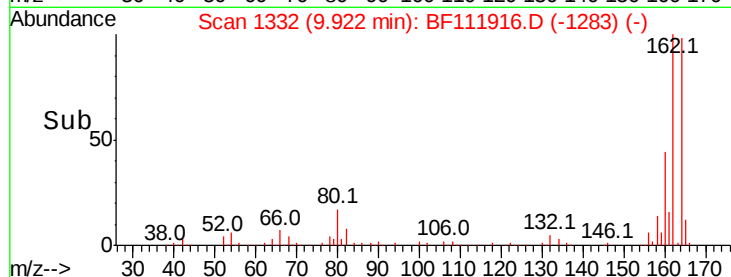
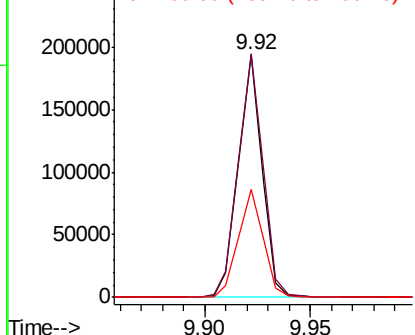
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 151068
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 44.4 35.5 53.3

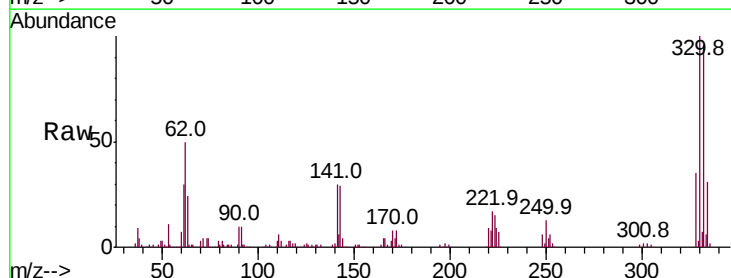


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

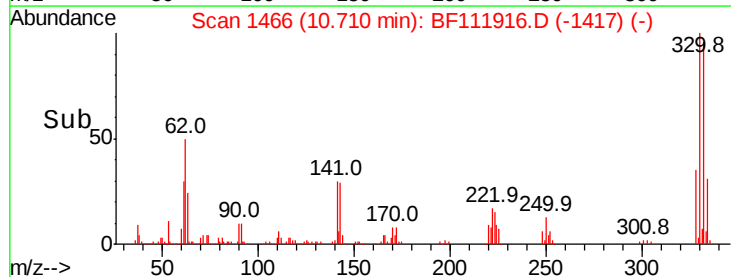
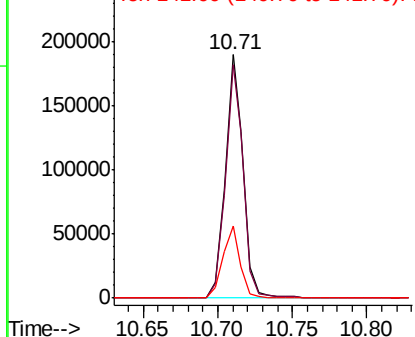


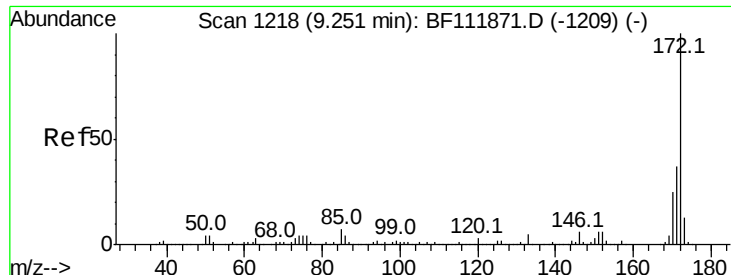
#42
2,4,6-Tribromophenol
Concen: 81.362 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion:330 Resp: 159872
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 29.4 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

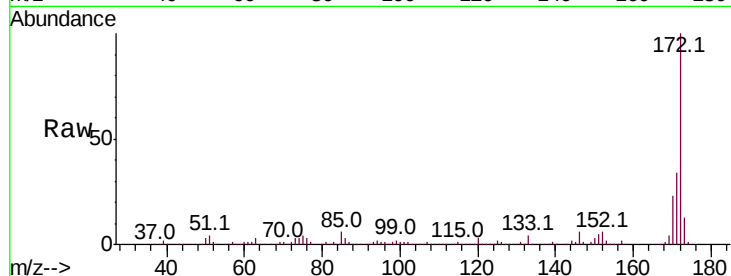




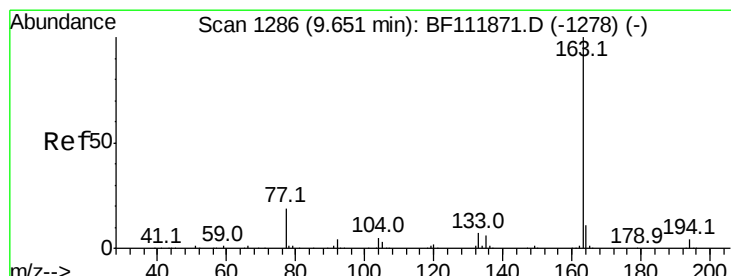
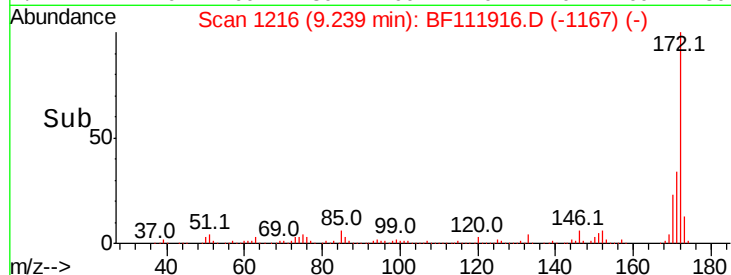
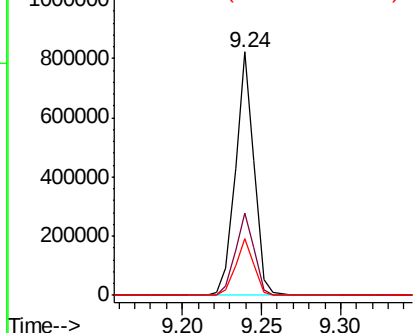
#45
2-Fluorobiphenyl
Concen: 64.171 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 664800
Ion Ratio Lower Upper
172 100
171 34.0 29.6 44.4
170 23.2 19.8 29.8

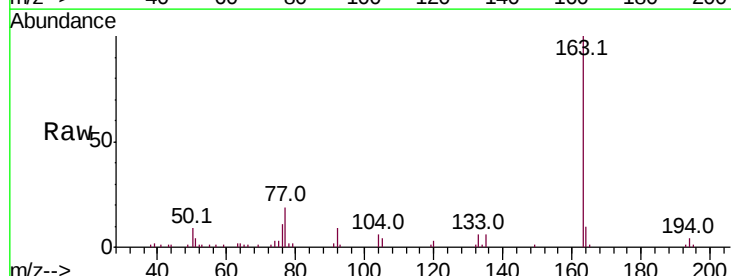


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

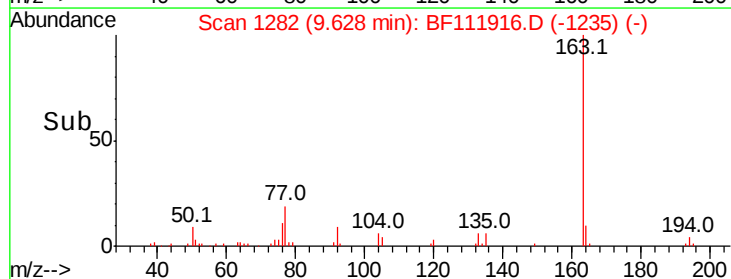
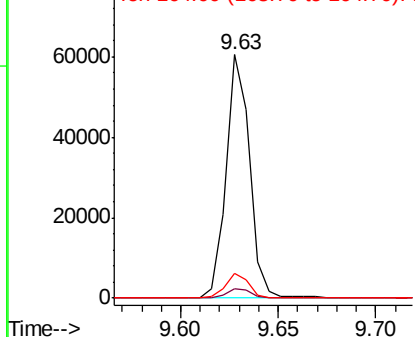


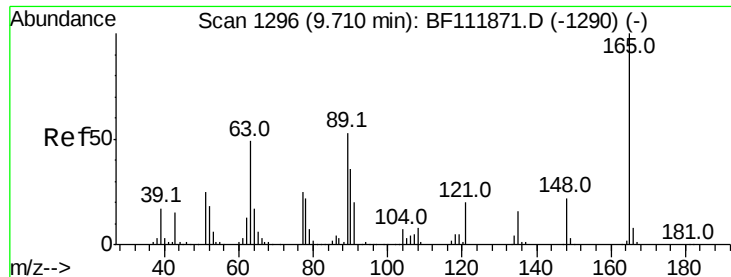
#50
Dimethylphthalate
Concen: 4.450 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Tgt Ion:163 Resp: 50496
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 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: 7.368 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

Instrument :

BNA_F

ClientSampleId :

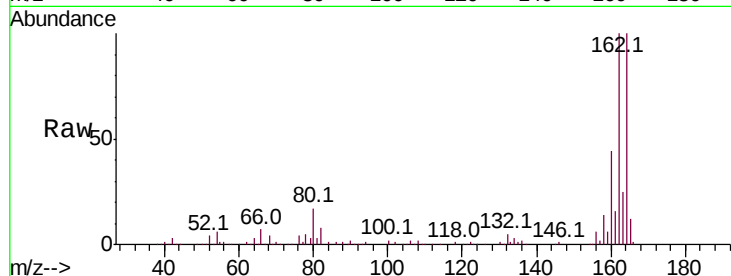
Tot Ion:165 Resp: 18699

Ion Ratio Lower Upper

165 100

63 1.8 46.2 69.2#

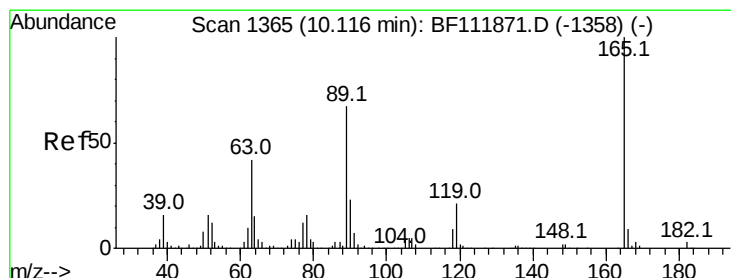
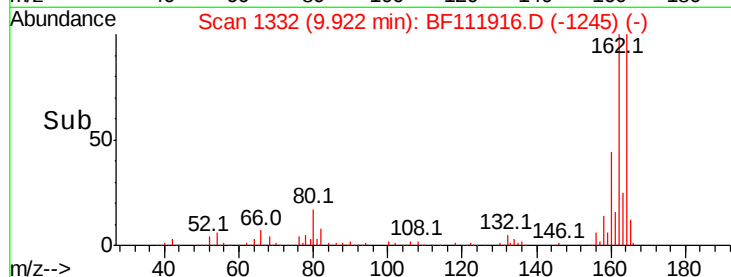
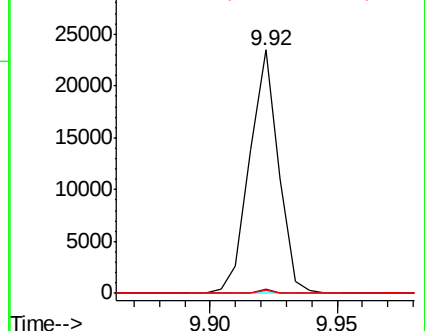
89 1.5 42.2 63.2#



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: 5.702 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

Tgt Ion:165 Resp: 18699

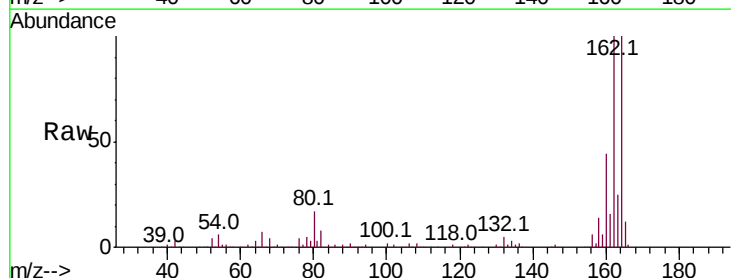
Ion Ratio Lower Upper

165 100

63 1.8 34.1 51.1#

89 1.5 53.5 80.3#

182 0.0 2.0 3.0#

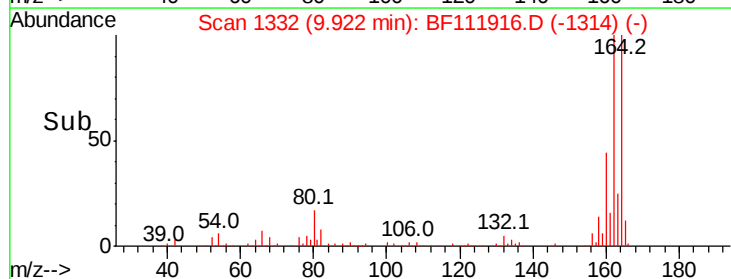
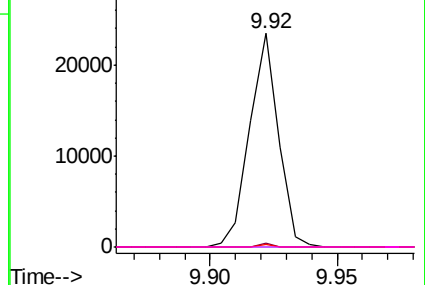


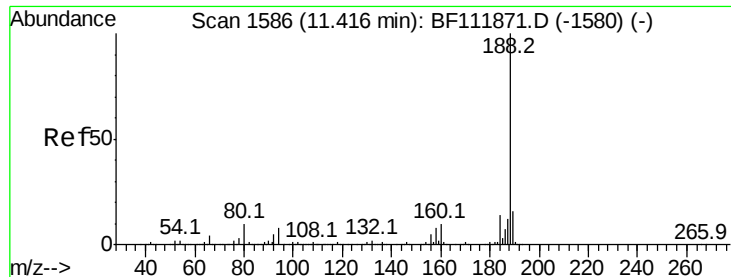
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF111916.D

Acq: 8 Jan 2019 19:23

Instrument :

BNA_F

ClientSampleId :

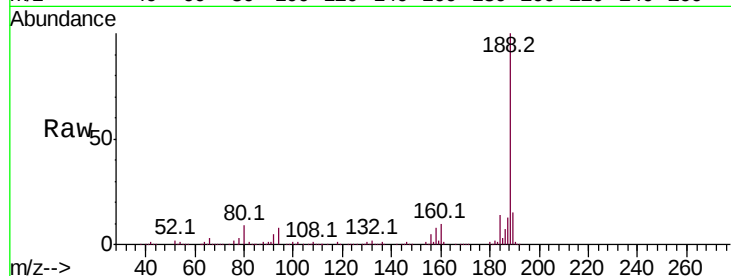
Tot Ion:188 Resp: 281495

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

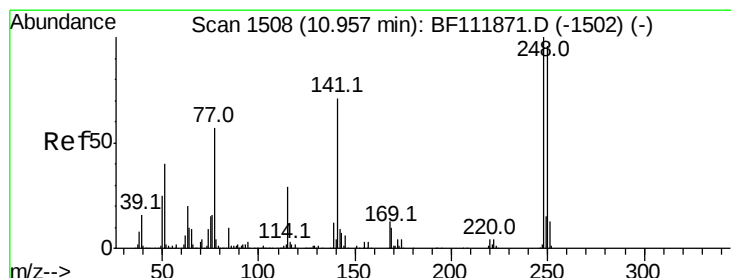
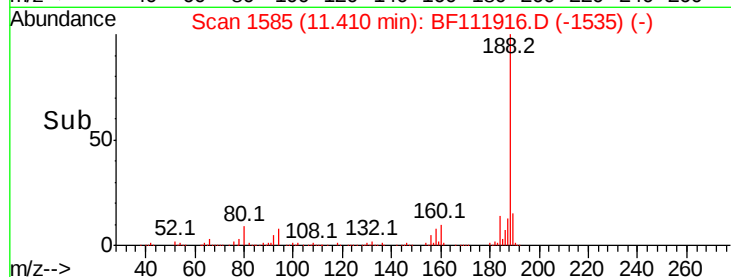
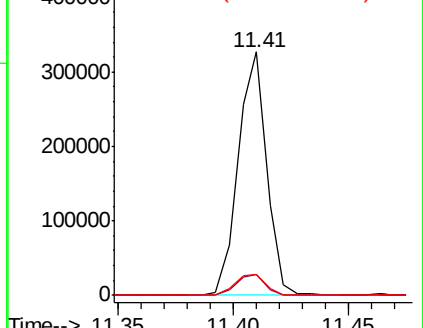
80 8.6 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 2.473 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.25 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

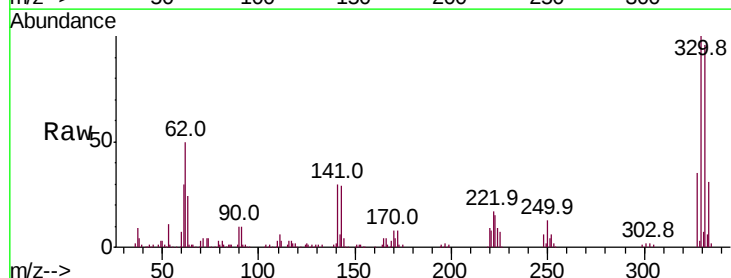
Tgt Ion:248 Resp: 9015

Ion Ratio Lower Upper

248 100

250 210.6 76.8 115.2#

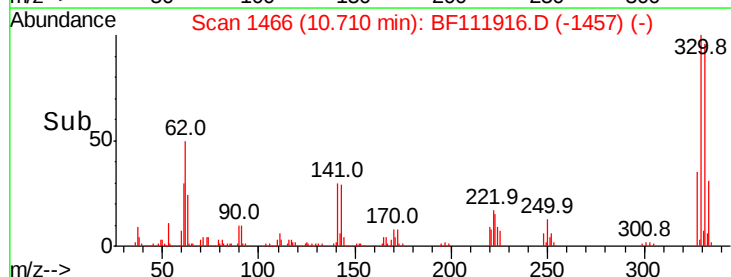
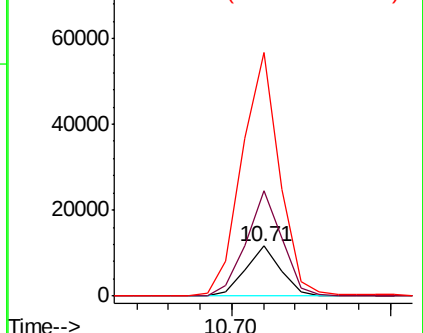
141 484.2 57.0 85.6#

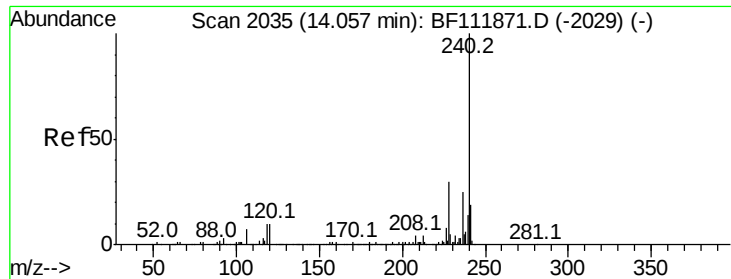


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

Instrument :

BNA_F

ClientSampleId :

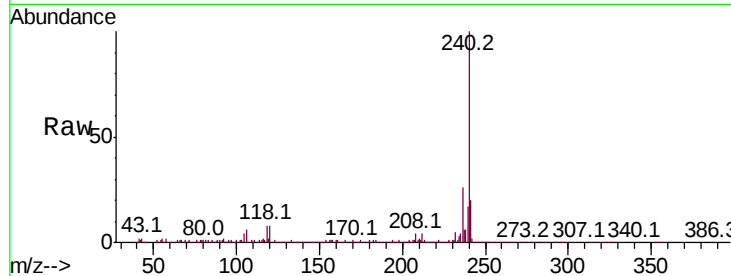
Tot Ion:240 Resp: 281449

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

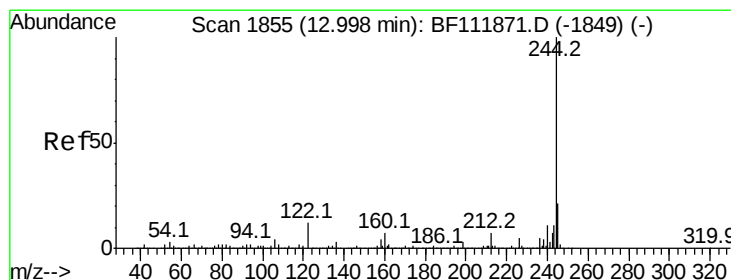
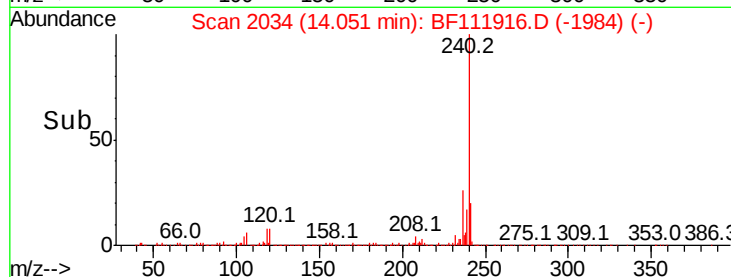
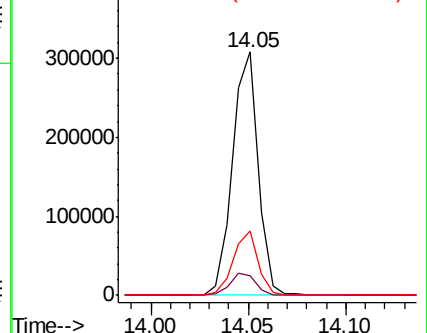
236 26.3 20.2 30.4



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: 44.395 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111916.D

Acq: 8 Jan 2019 19:23

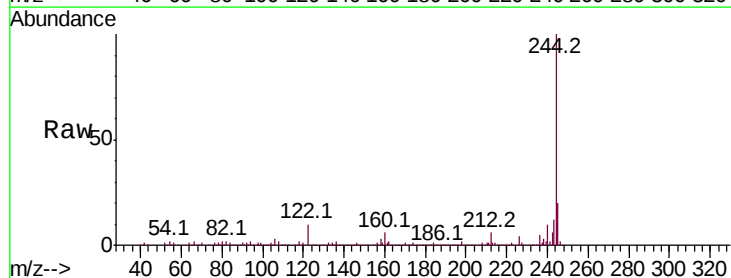
Tgt Ion:244 Resp: 658251

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

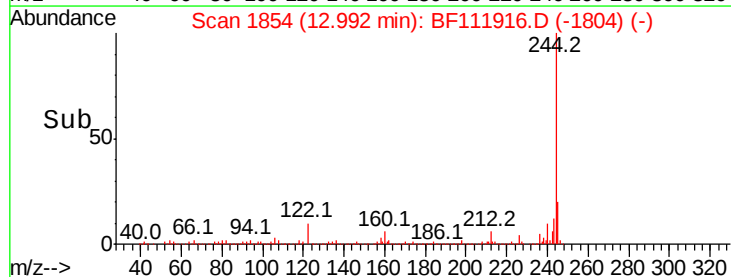
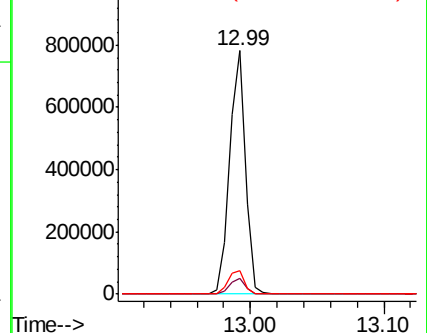
122 9.6 9.5 14.3

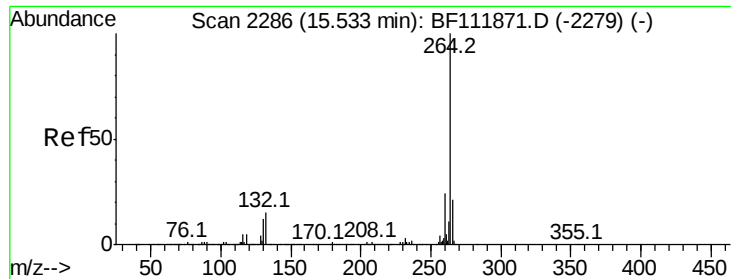


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

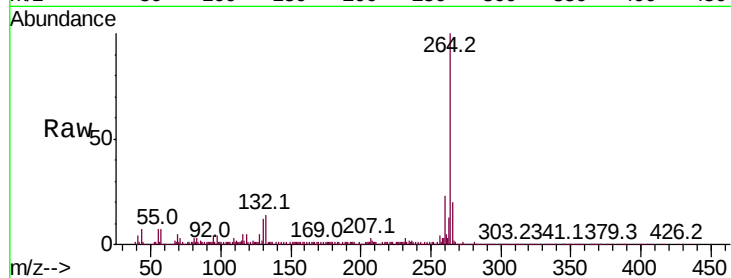




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF111916.D
Acq: 8 Jan 2019 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.3	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

