

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111961.D
 Acq On : 9 Jan 2019 20:37
 Operator : JU/SJ
 Sample : K1074-19RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:54:13 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

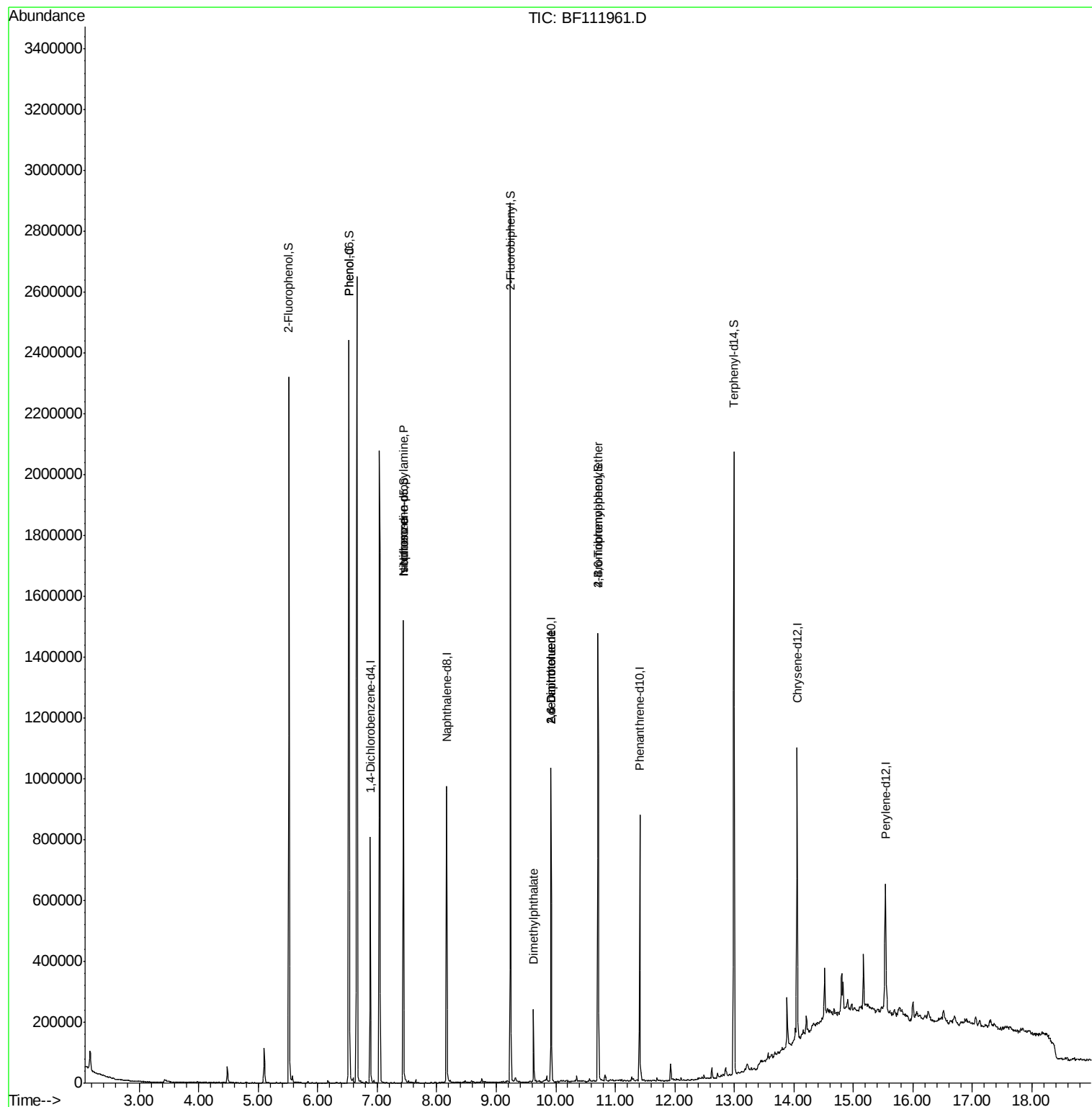
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	121088	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	450770	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	190676	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	313831	20.00	ng	0.00
76) Chrysene-d12	14.05	240	289891	20.00	ng	0.00
87) Perylene-d12	15.54	264	200082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	602035	85.06	ng	0.00
7) Phenol-d6	6.53	99	806403	88.40	ng	0.00
23) Nitrobenzene-d5	7.44	82	504655	59.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	178976	72.16	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	816436	62.44	ng	-0.01
79) Terphenyl-d14	12.99	244	671917	44.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1639	Below Cal	Qvalue	# 1
10) Phenol	6.53	94	35828	3.614 ng		89
19) n-Nitroso-di-n-propylamine	7.44	70	68389	11.538 ng	#	79
25) Isophorone	7.44	82	502053	36.760 ng	#	65
50) Dimethylphthalate	9.63	163	88746	6.196 ng		98
51) 2,6-Dinitrotoluene	9.92	165	24362	7.606 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	24362	5.886 ng	#	26
67) 4-Bromophenyl-phenylether	10.71	248	10800	2.657 ng	#	1

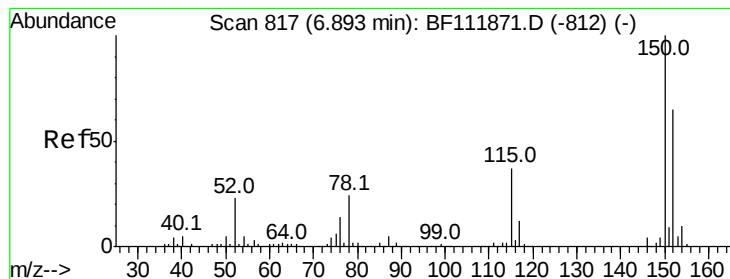
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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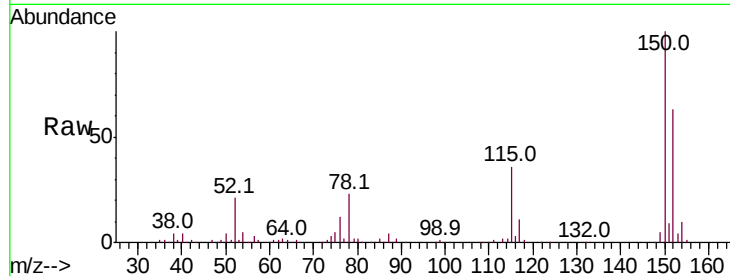


#1

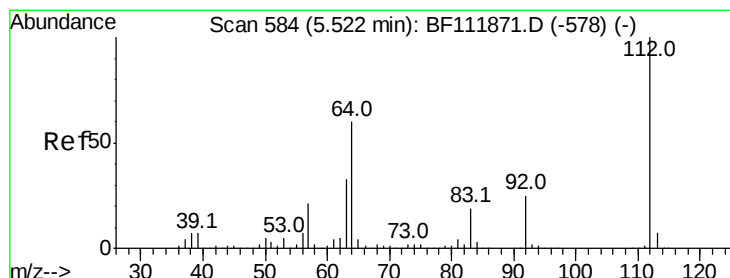
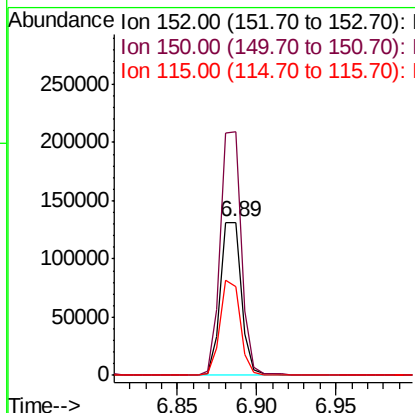
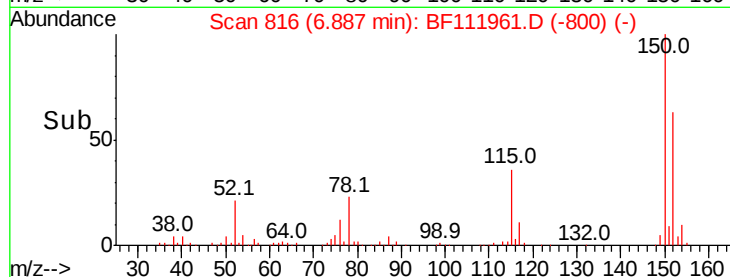
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111961.D
Acq: 9 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121088
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 58.1 45.2 67.8



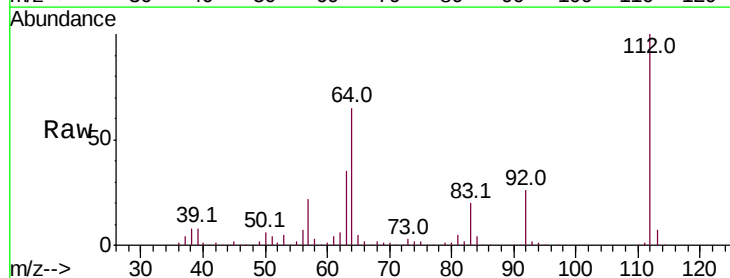
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



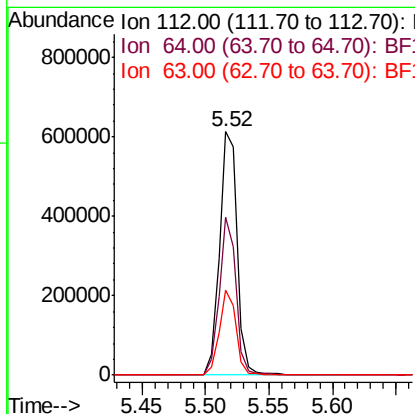
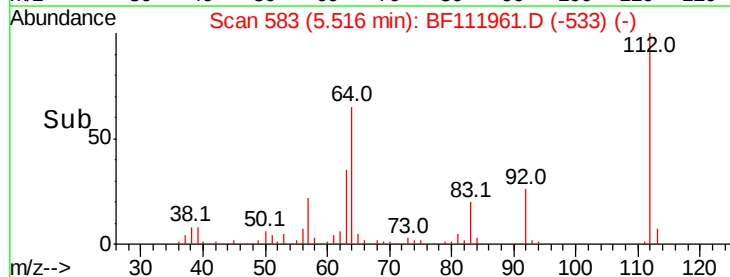
#5

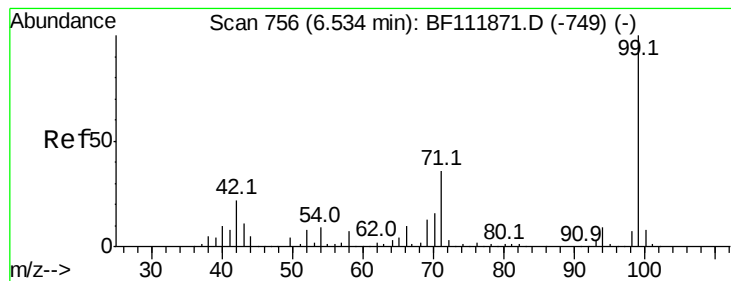
2-Fluorophenol
Concen: 85.060 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111961.D
Acq: 9 Jan 2019 20:37

Tgt Ion:112 Resp: 602035
Ion Ratio Lower Upper
112 100
64 64.9 48.3 72.5
63 34.8 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: 88.398 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111961.D

Acq: 9 Jan 2019 20:37

Instrument :

BNA_F

ClientSampled :

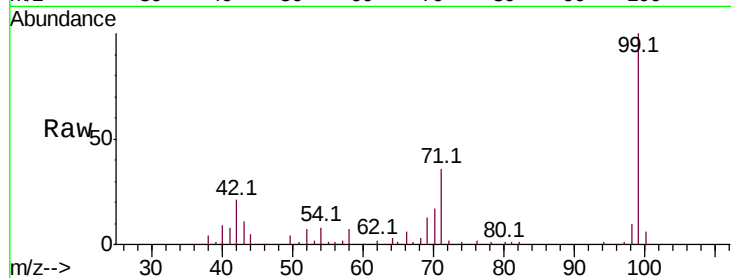
Tot Ion: 99 Resp: 806403

Ion Ratio Lower Upper

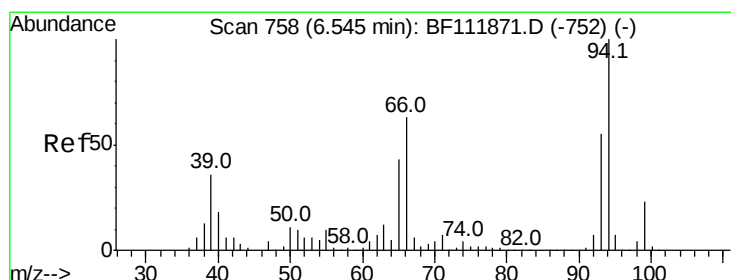
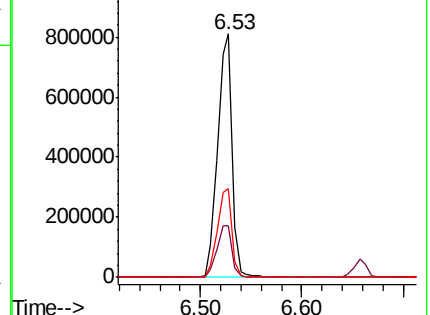
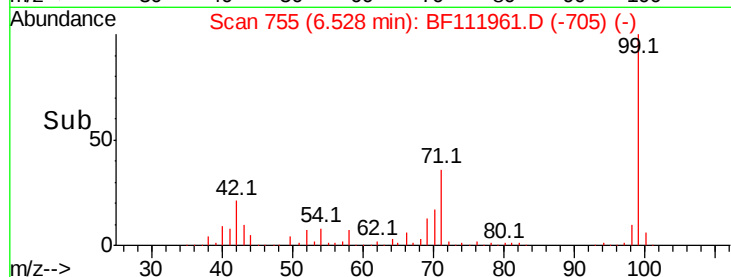
99 100

42 20.9 17.9 26.9

71 36.3 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: 3.614 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111961.D

Acq: 9 Jan 2019 20:37

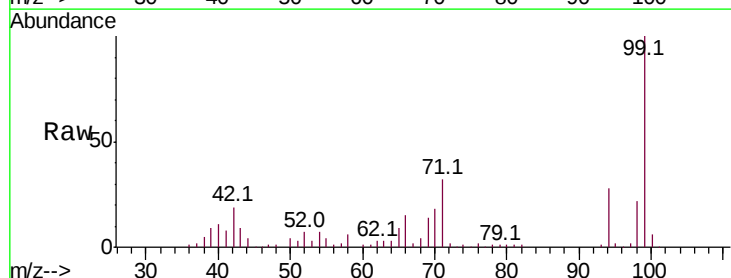
Tgt Ion: 94 Resp: 35828

Ion Ratio Lower Upper

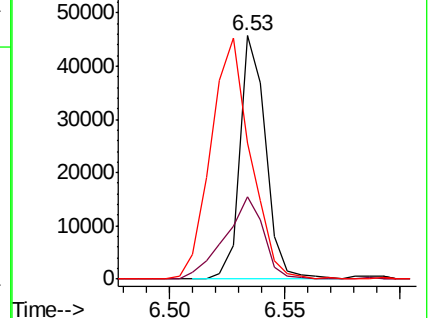
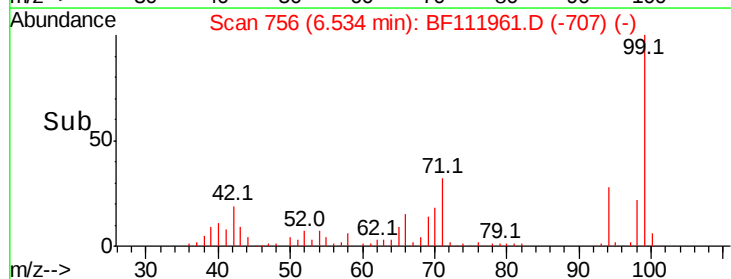
94 100

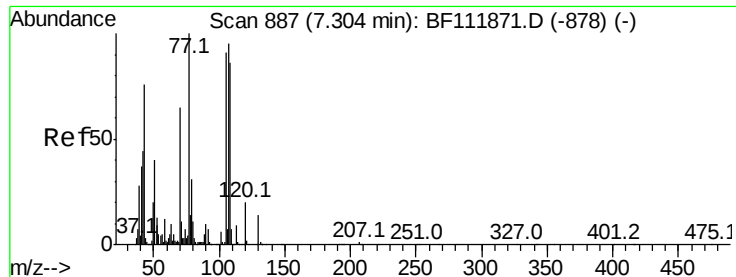
65 34.0 22.8 62.8

66 55.9 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: 11.538 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF111961.D

Acq: 9 Jan 2019 20:37

Instrument :

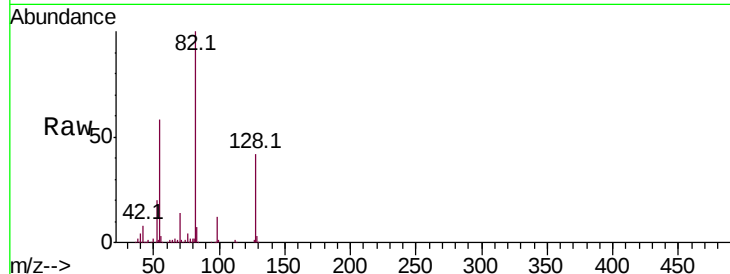
BNA_F

ClientSampled :

Tot Ion: 70 Resp: 68389

Ion Ratio Lower Upper

70	100		
42	54.9	53.6	80.4
101	0.0	7.3	10.9#
130	2.2	16.8	25.2#

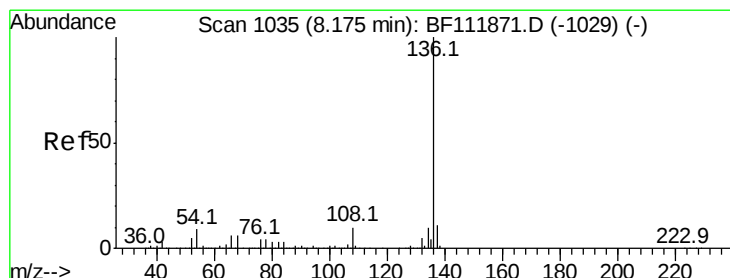
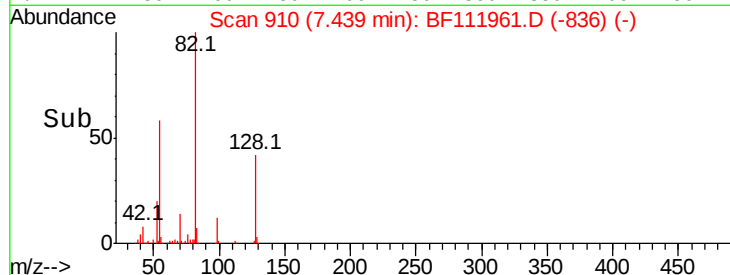
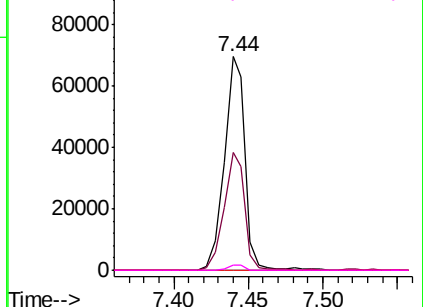


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF111961.D

Acq: 9 Jan 2019 20:37

Tgt Ion:136 Resp: 450770

Ion Ratio Lower Upper

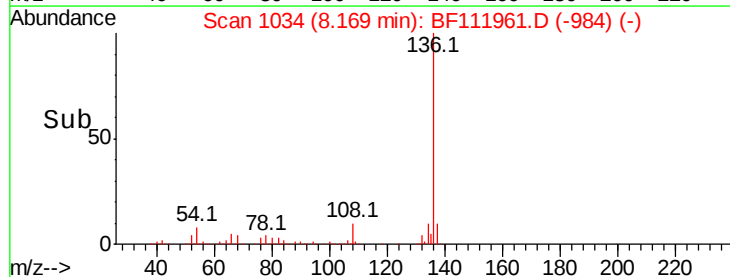
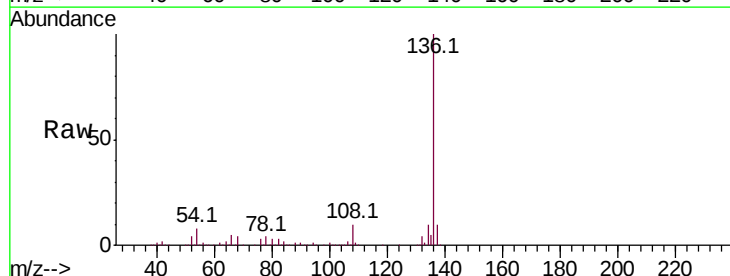
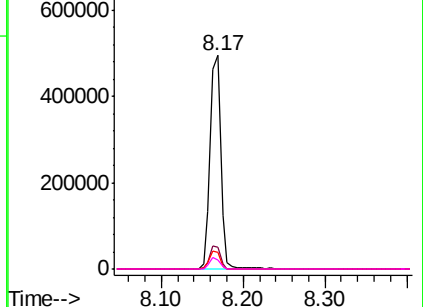
136	100		
137	10.5	9.1	13.7
54	7.7	7.2	10.8
68	4.5	4.4	6.6

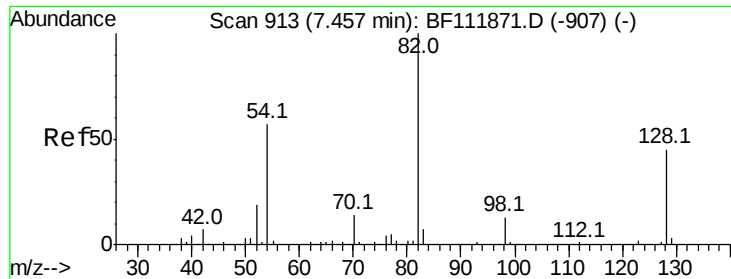
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

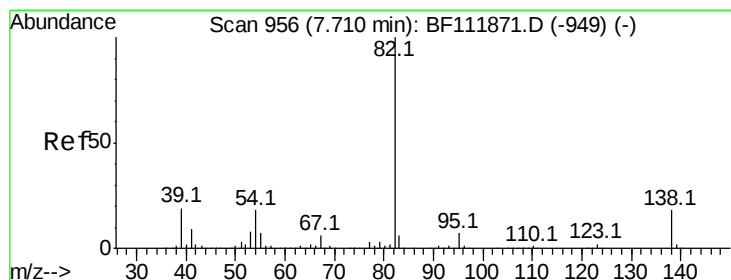
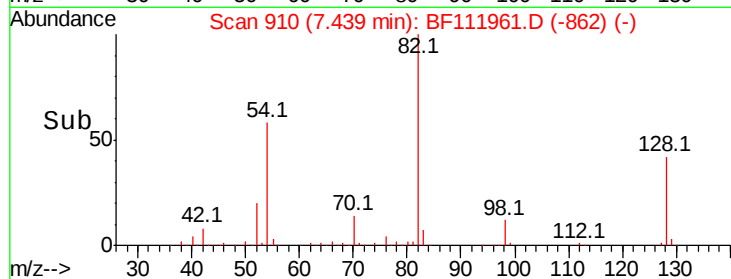
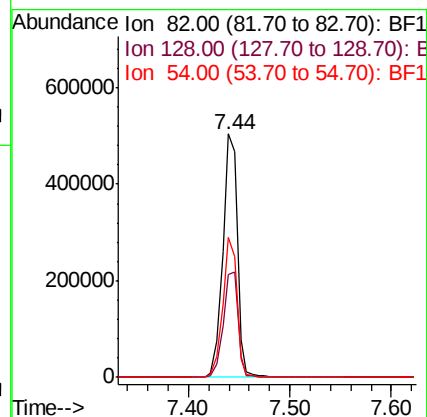
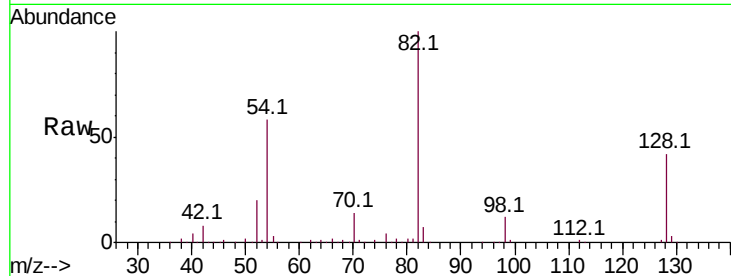




#23
Nitrobenzene-d5
Concen: 59.834 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111961.D
Acq: 9 Jan 2019 20:37

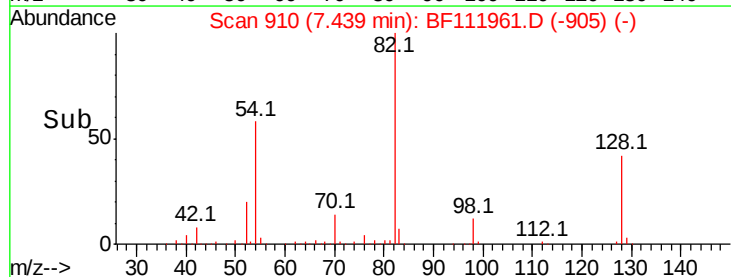
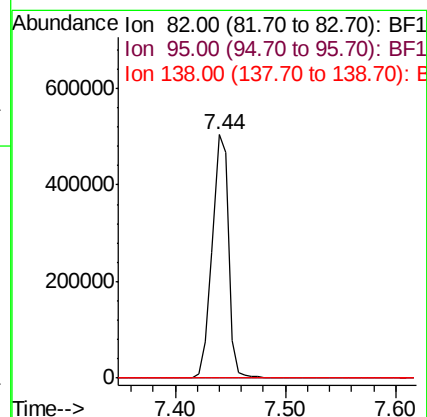
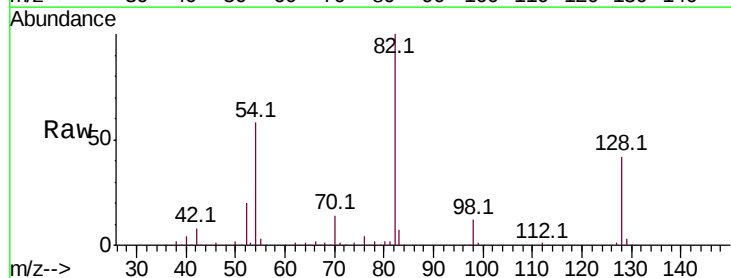
Instrument :
BNA_F
ClientSampleId :

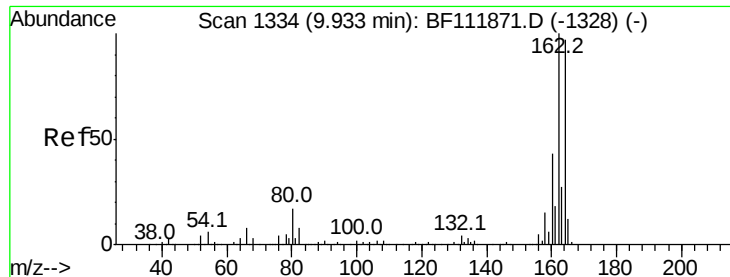
Tot Ion: 82 Resp: 504655
Ion Ratio Lower Upper
82 100
128 42.3 35.7 53.5
54 57.6 45.8 68.8



#25
Isophorone
Concen: 36.760 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111961.D
Acq: 9 Jan 2019 20:37

Tgt Ion: 82 Resp: 502053
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#

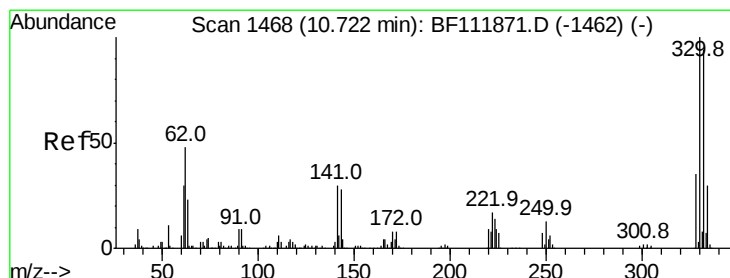
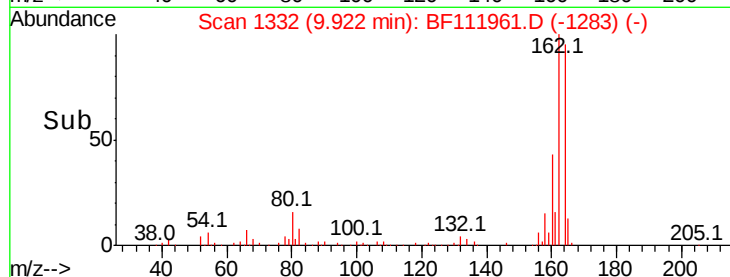
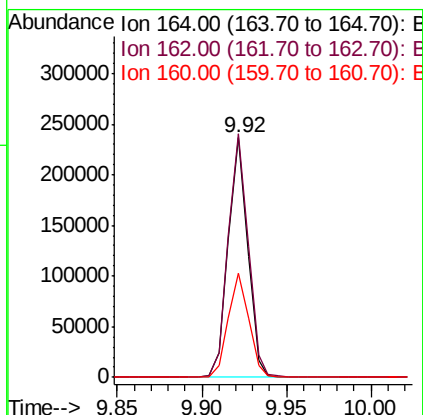
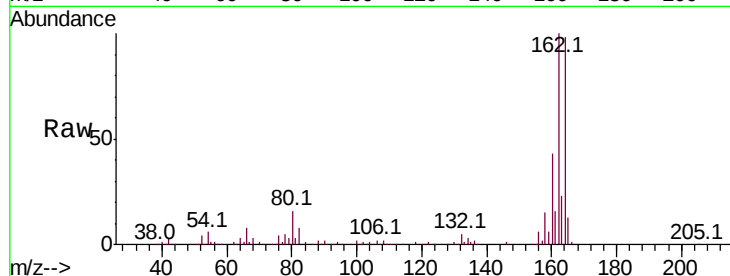




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111961.D
 Acq: 9 Jan 2019 20:37

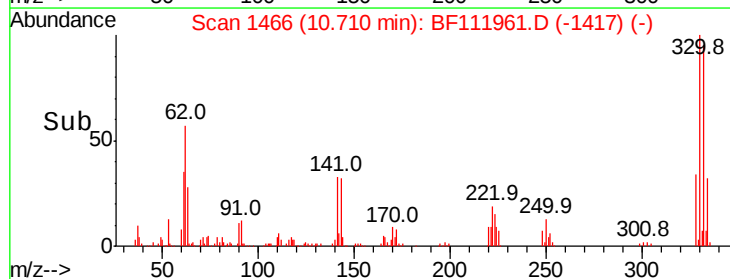
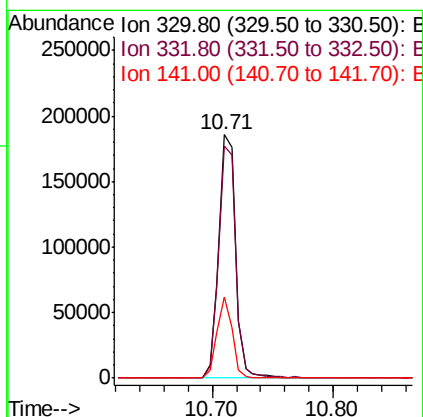
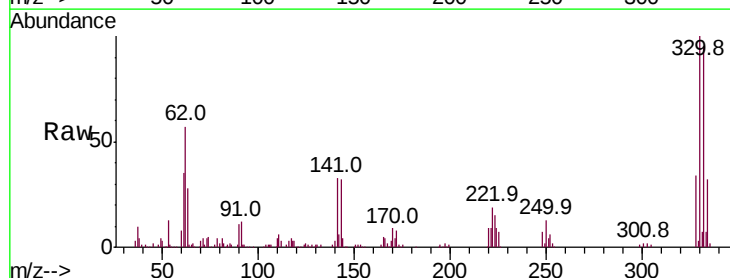
Instrument :
 BNA_F
 ClientSampleId :

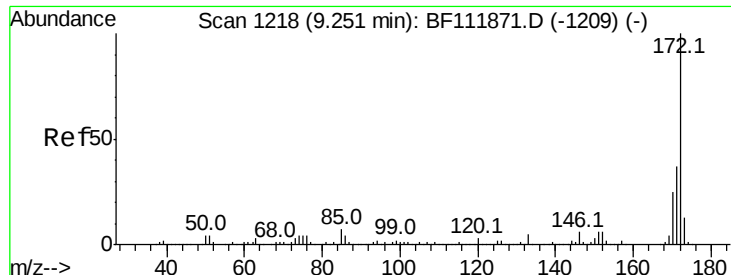
Tot Ion:164 Resp: 190676
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.2 123.2
 160 43.6 35.5 53.3



#42
 2,4,6-Tribromophenol
 Concen: 72.164 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111961.D
 Acq: 9 Jan 2019 20:37

Tgt Ion:330 Resp: 178976
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 30.1 23.7 35.5

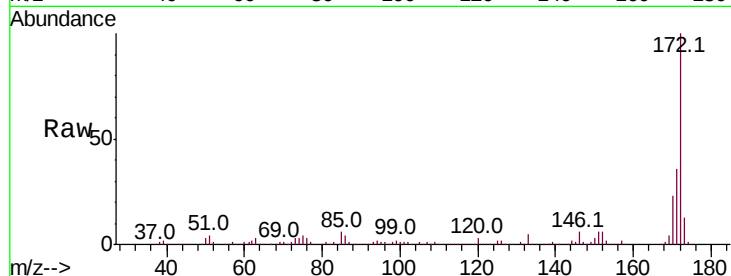




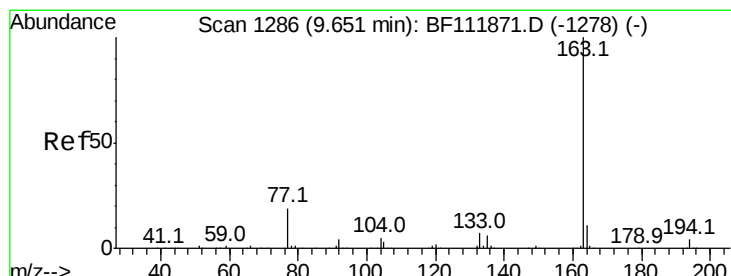
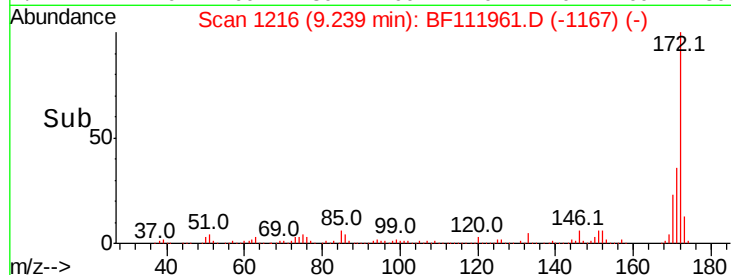
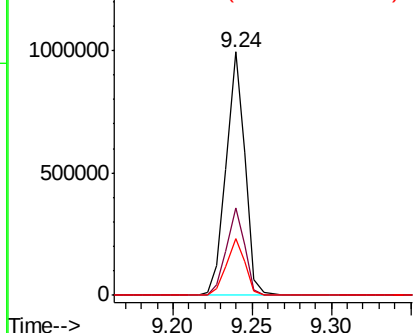
#45
2-Fluorobiphenyl
Concen: 62.437 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111961.D
Acq: 9 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 816436
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.4 19.8 29.8

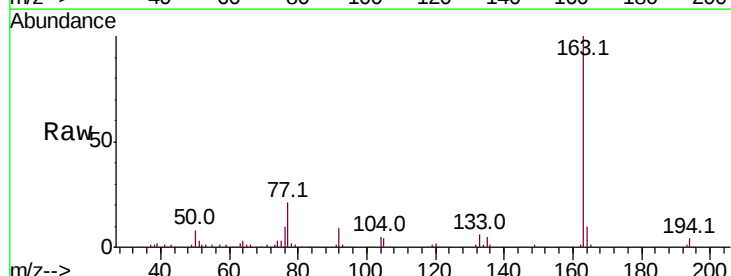


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

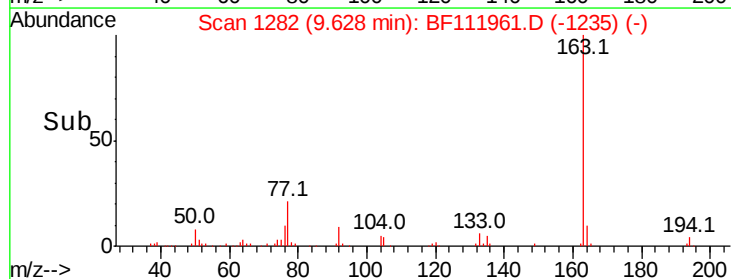
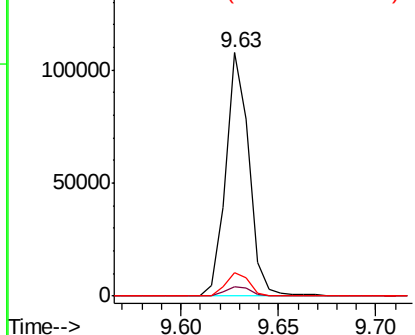


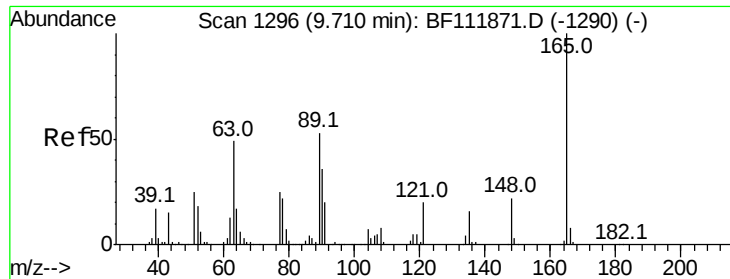
#50
Dimethylphthalate
Concen: 6.196 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111961.D
Acq: 9 Jan 2019 20:37

Tgt Ion:163 Resp: 88746
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.9 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

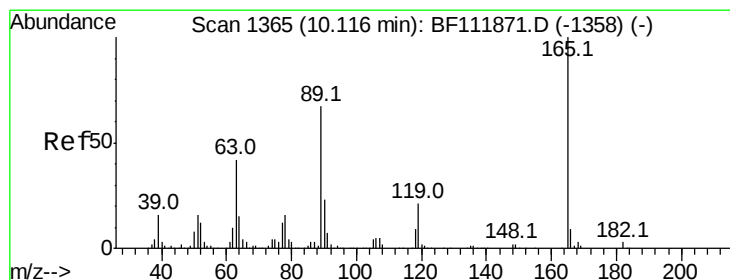
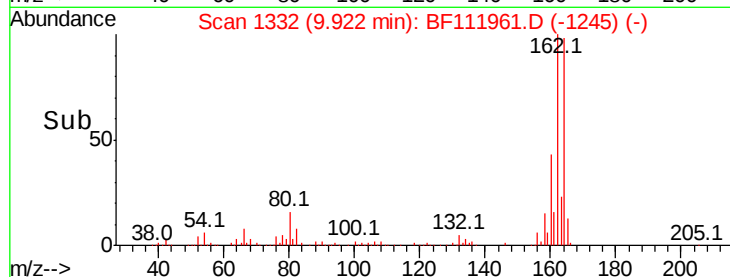
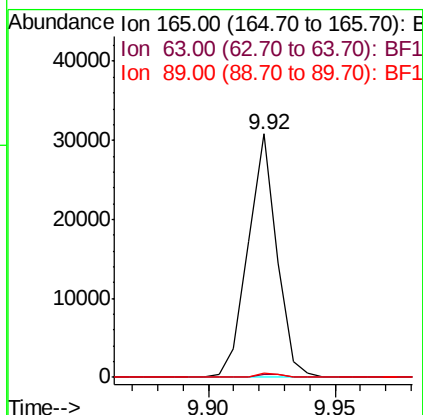
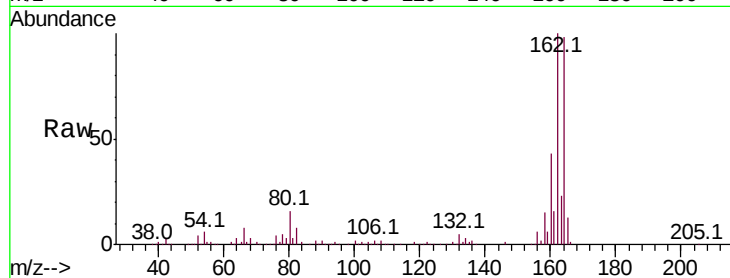




#51
 2,6-Dinitrotoluene
 Concen: 7.606 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.21 min
 Lab File: BF111961.D
 Acq: 9 Jan 2019 20:37

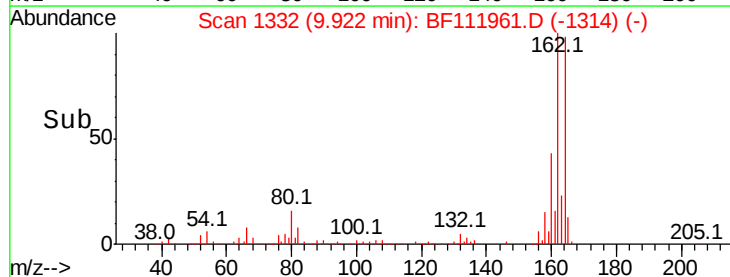
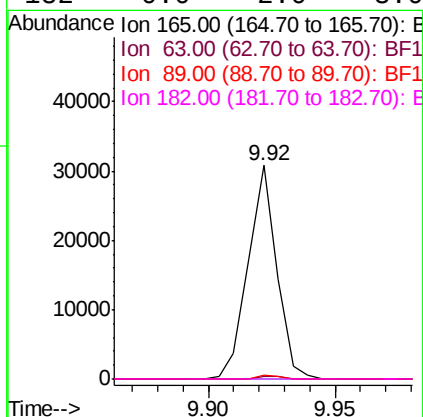
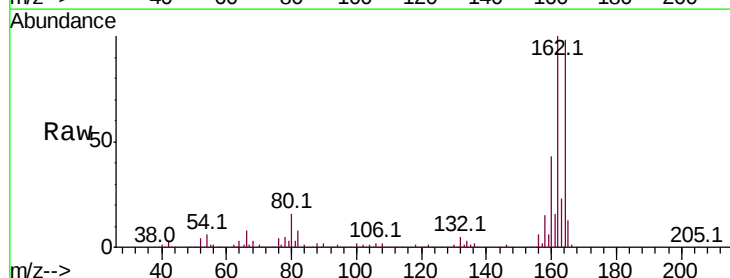
Instrument :
 BNA_F
 ClientSampleId :

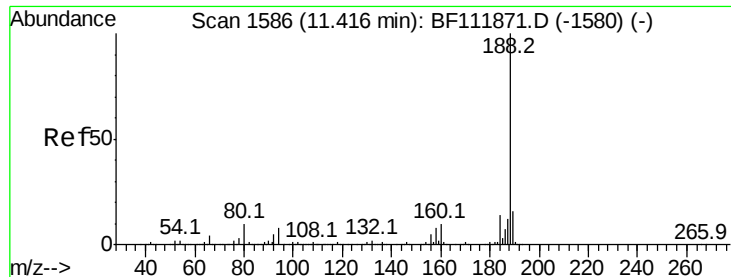
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	46.2	69.2#
89	1.7	42.2	63.2#



#57
 2,4-Dinitrotoluene
 Concen: 5.886 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF111961.D
 Acq: 9 Jan 2019 20:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.1	51.1#
89	1.7	53.5	80.3#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111961.D

Acq: 9 Jan 2019 20:37

Instrument :

BNA_F

ClientSampleId :

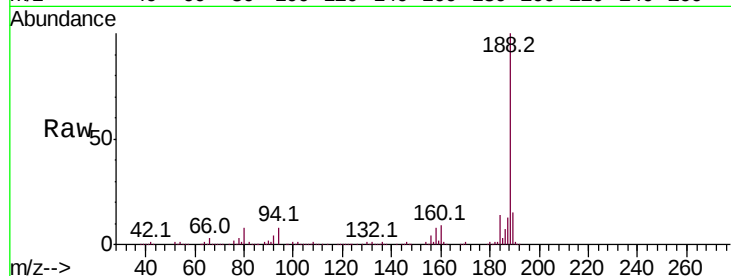
Tot Ion:188 Resp: 313831

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

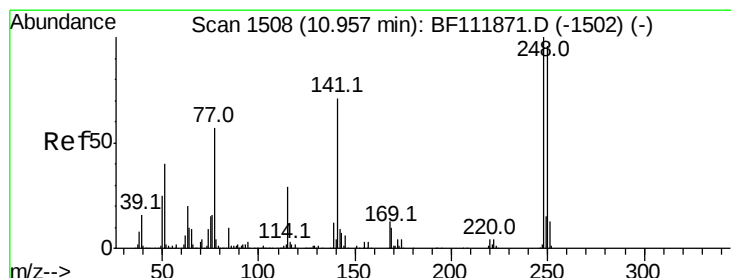
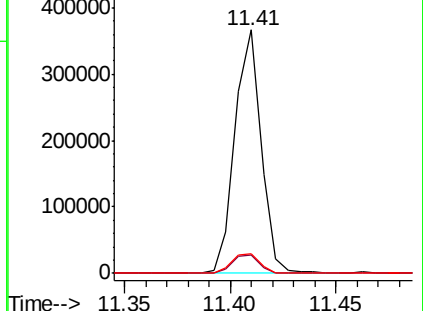
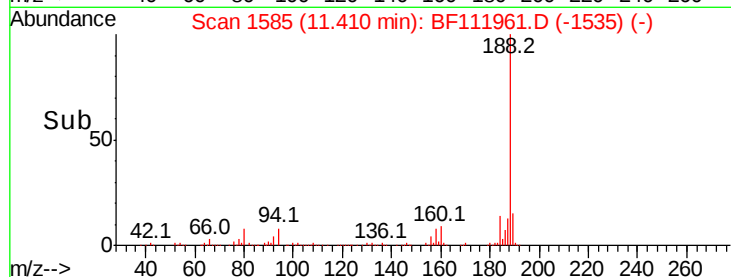
80 8.3 7.7 11.5



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: 2.657 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.25 min

Lab File: BF111961.D

Acq: 9 Jan 2019 20:37

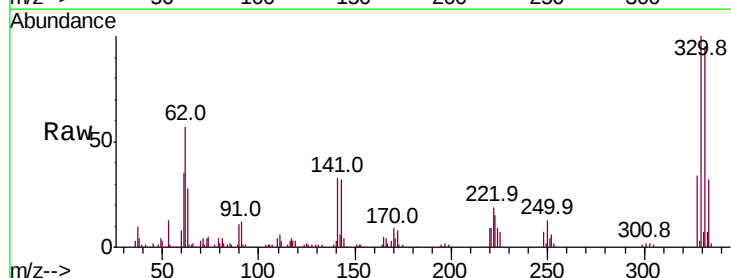
Tgt Ion:248 Resp: 10800

Ion Ratio Lower Upper

248 100

250 202.7 76.8 115.2#

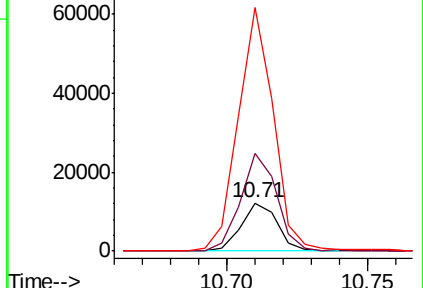
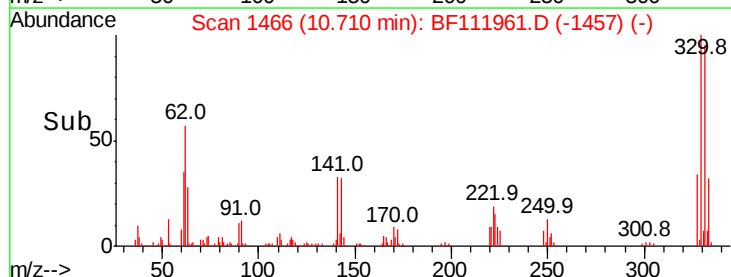
141 506.4 57.0 85.6#

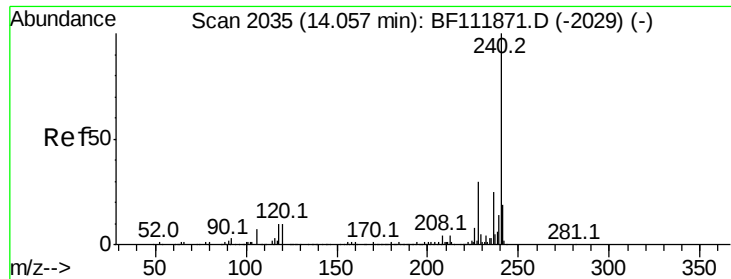


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

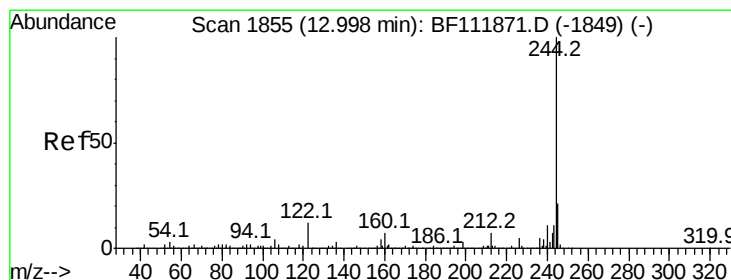
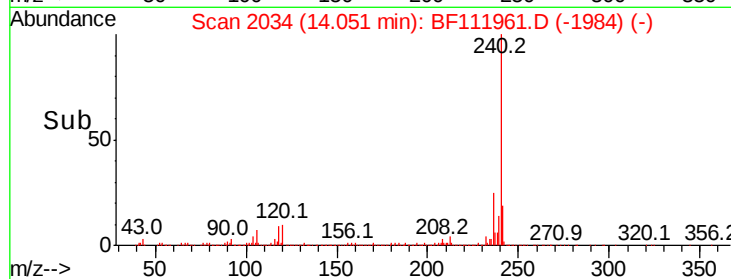
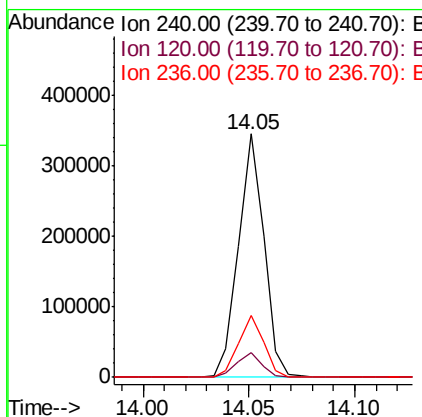
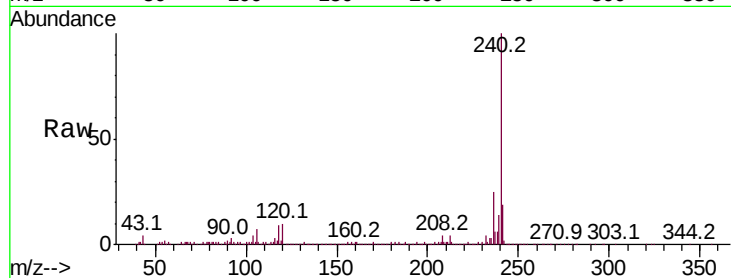




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111961.D
 Acq: 9 Jan 2019 20:37

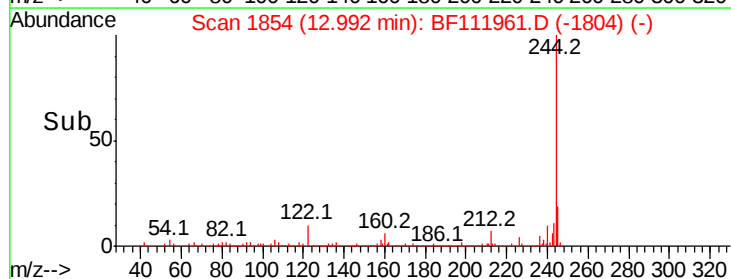
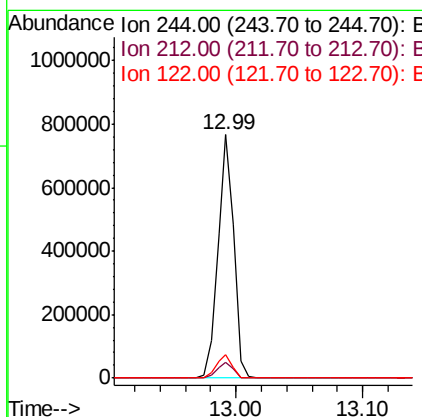
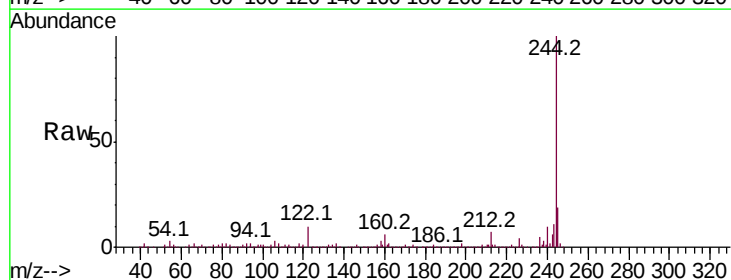
Instrument :
 BNA_F
 ClientSampleId :

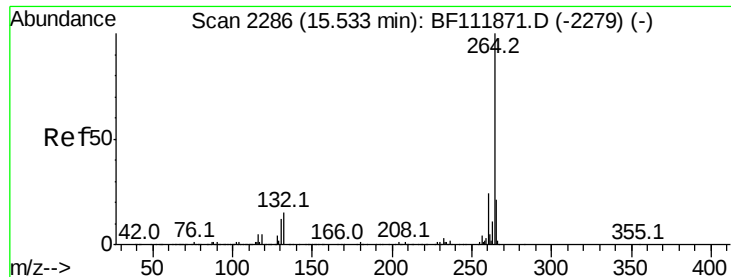
Tot Ion:240 Resp: 289891
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.2 12.2
 236 25.3 20.2 30.4



#79
 Terphenyl-d14
 Concen: 43.997 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111961.D
 Acq: 9 Jan 2019 20:37

Tgt Ion:244 Resp: 671917
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.9 9.5 14.3

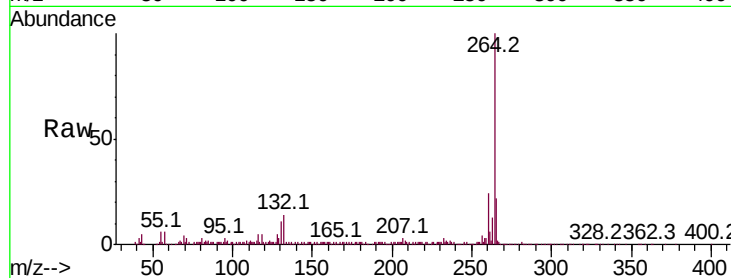




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111961.D
Acq: 9 Jan 2019 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	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

