

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111809.D
 Acq On : 2 Jan 2019 14:50
 Operator : JU/SJ
 Sample : J6591-06RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 03 03:21:03 2019
 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	162207	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	611785	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	320101	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	621554	20.00	ng	0.01
76) Chrysene-d12	14.06	240	447283	20.00	ng	0.01
87) Perylene-d12	15.56	264	395289	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	583692	61.34	ng	0.02
7) Phenol-d6	6.54	99	456251	37.67	ng	0.02
23) Nitrobenzene-d5	7.46	82	1076668	102.44	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	549607	145.31	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2032740	92.56	ng	0.00
79) Terphenyl-d14	13.02	244	2171313	92.06	ng	0.02

Target Compounds

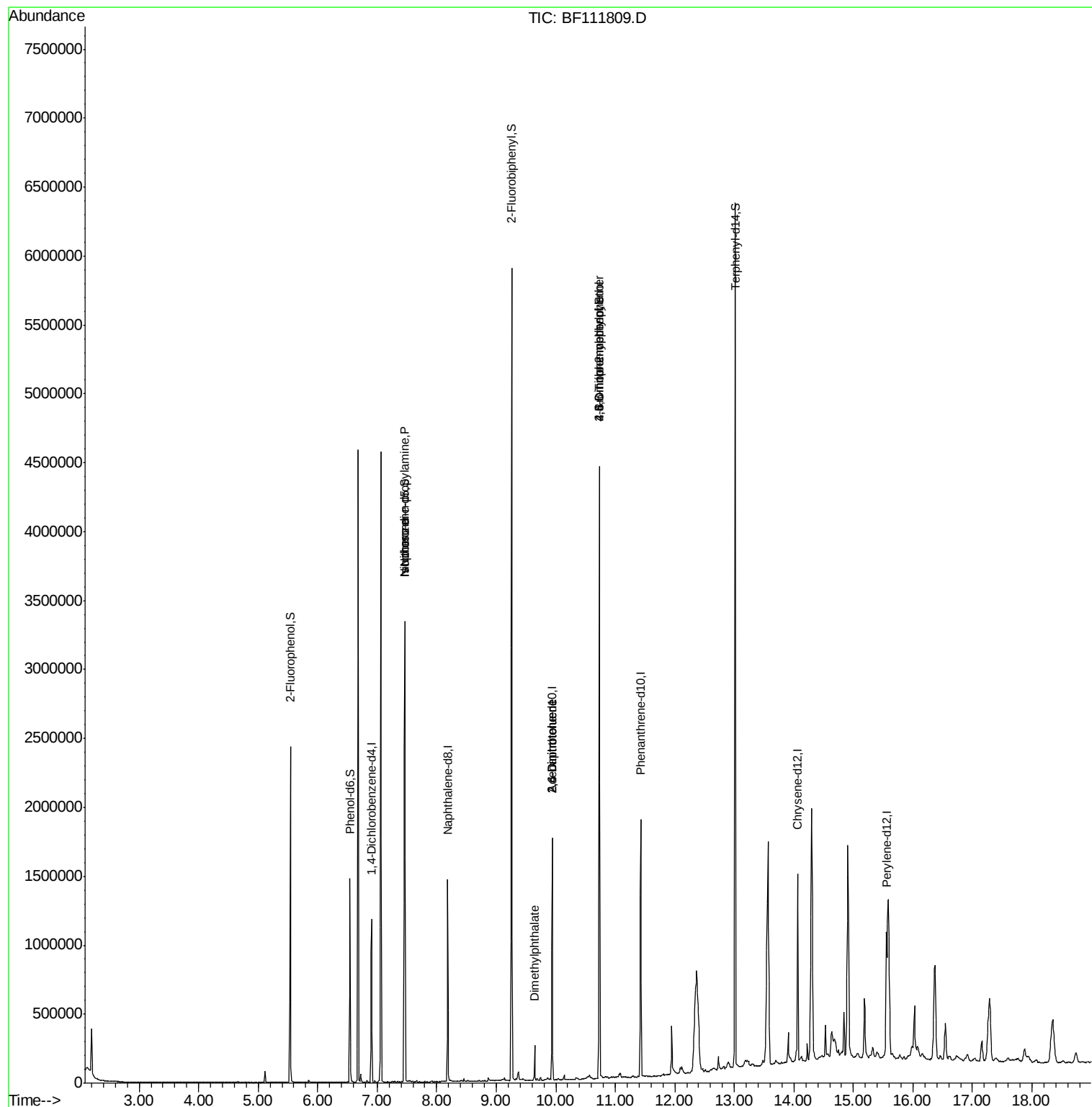
						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	149232	18.554	ng	# 76
25) Isophorone	7.46	82	1071186	57.409	ng	# 64
50) Dimethylphthalate	9.65	163	89276	3.814	ng	98
51) 2,6-Dinitrotoluene	9.94	165	40934	8.770	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	40934	7.297	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	1079	7.054	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	33766	4.380	ng	# 1

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 03 03:21:03 2019
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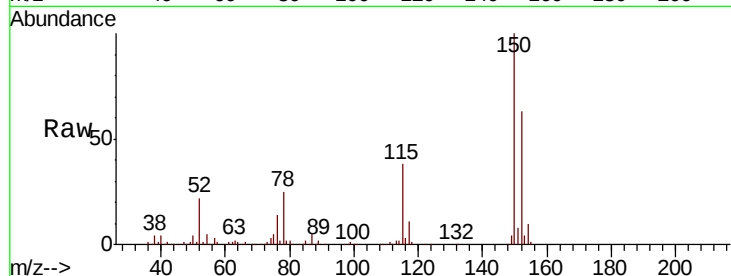


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	59.2	50.7	76.1

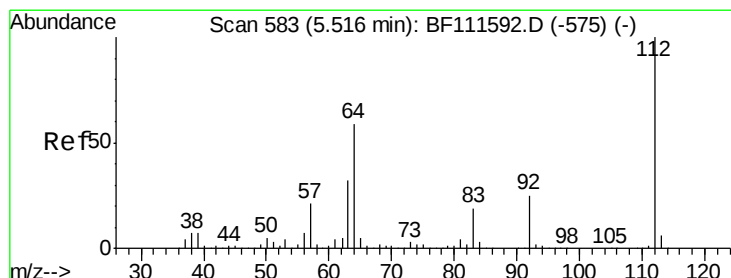
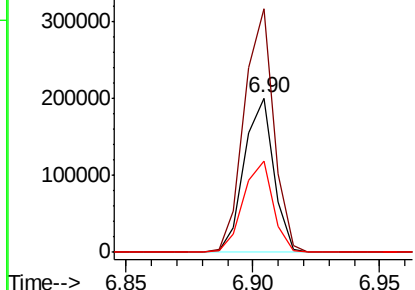
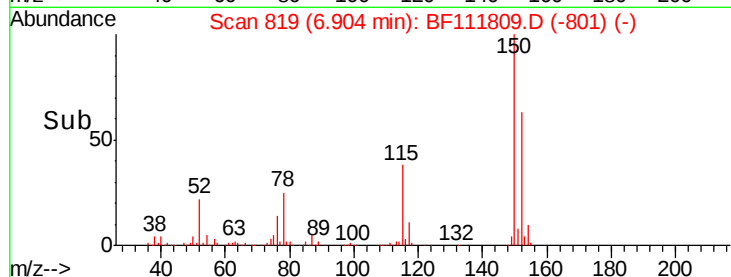


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

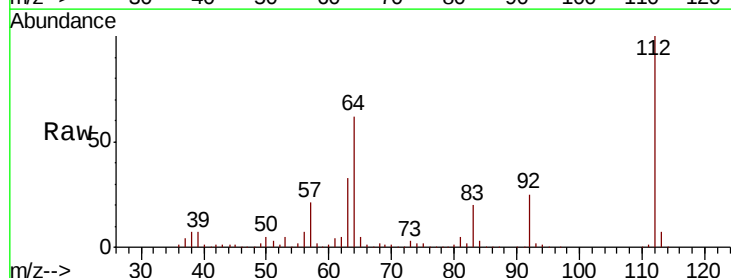
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.337 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.8	77.6
63	33.3	26.8	40.2

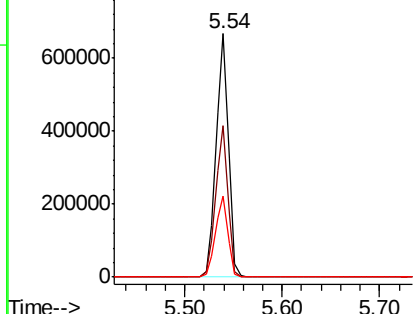
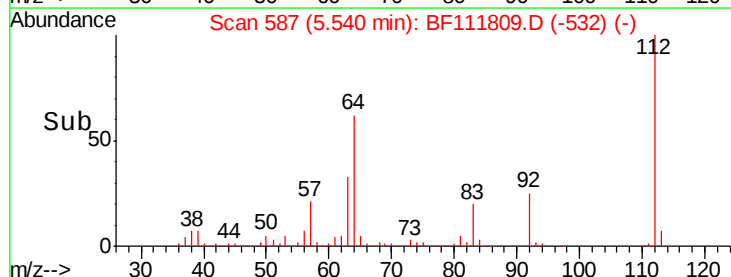


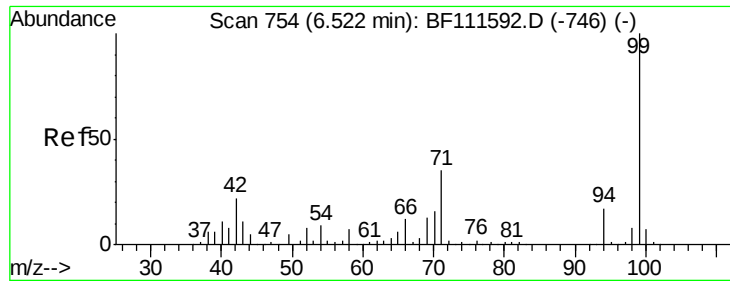
Abundance

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: 37.673 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111809.D

Acq: 2 Jan 2019 14:50

Instrument :

BNA_F

ClientSampleId :

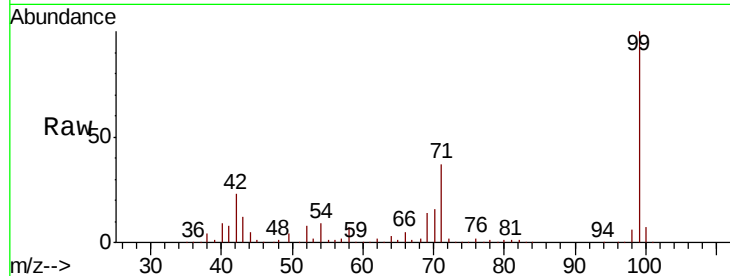
Tot Ion: 99 Resp: 456251

Ion Ratio Lower Upper

99 100

42 23.4 17.4 26.0

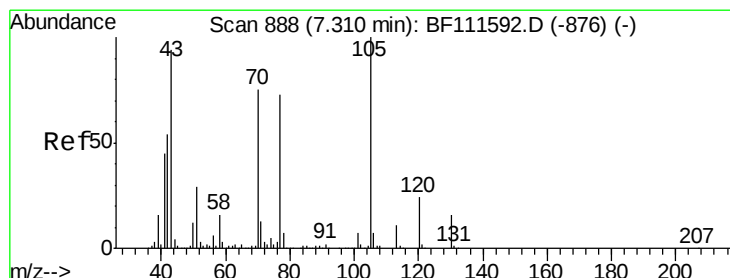
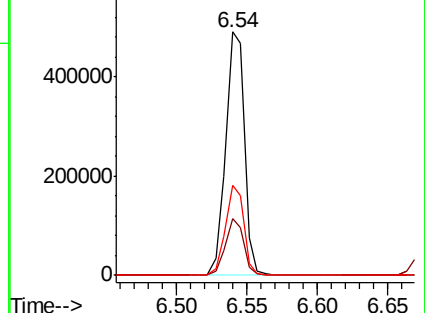
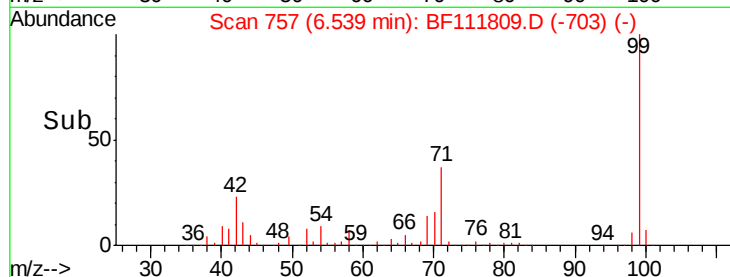
71 37.1 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.554 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111809.D

Acq: 2 Jan 2019 14:50

Tgt Ion: 70 Resp: 149232

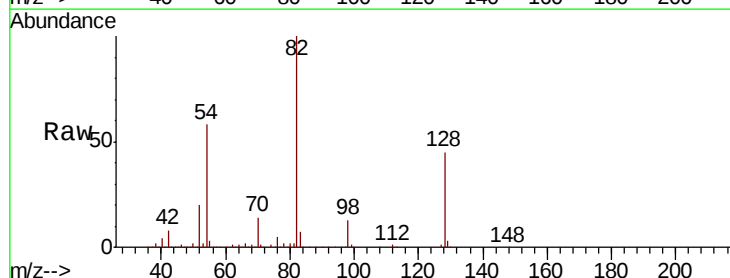
Ion Ratio Lower Upper

70 100

42 52.9 53.2 79.8#

101 0.0 8.2 12.4#

130 2.2 18.1 27.1#

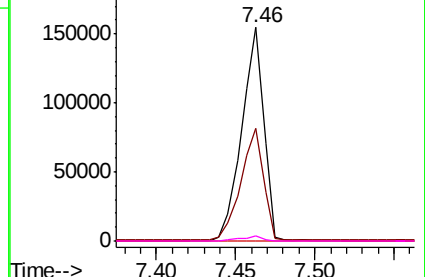
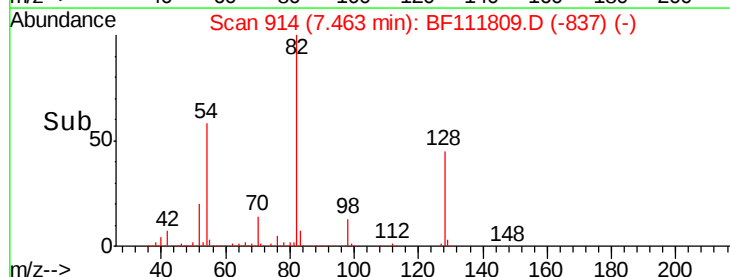


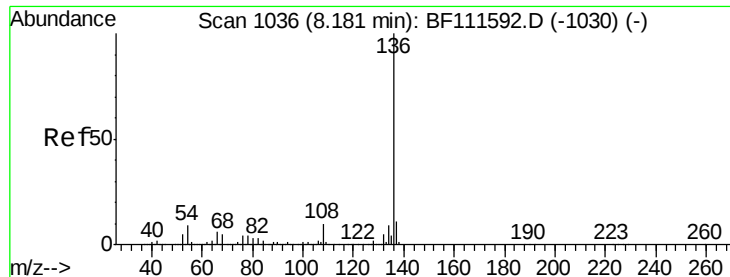
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

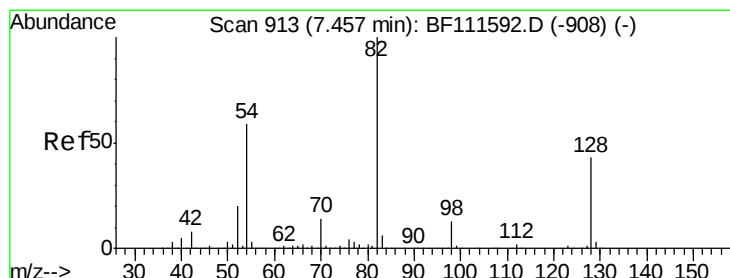
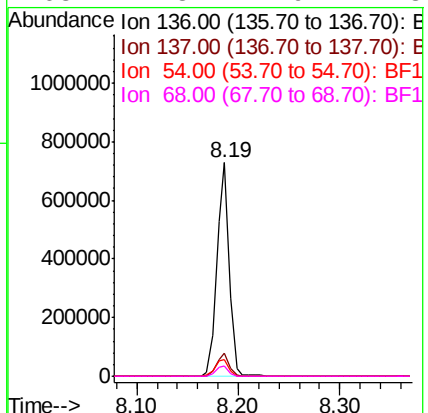
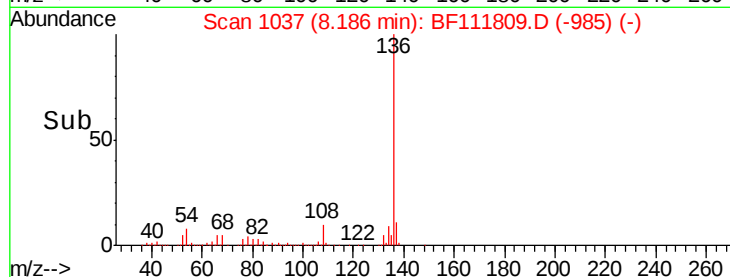
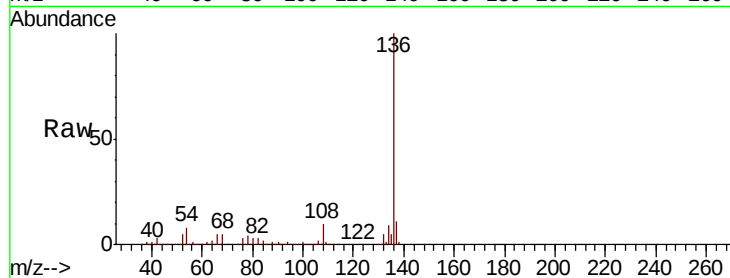




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

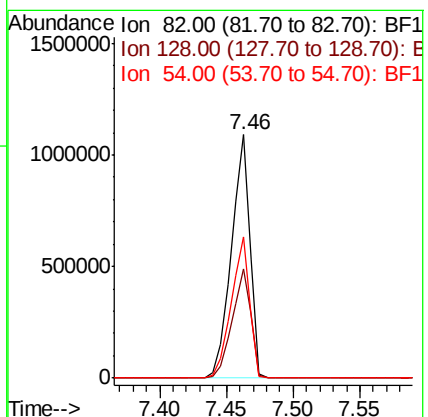
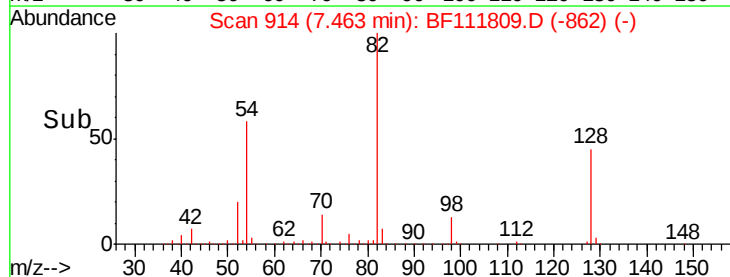
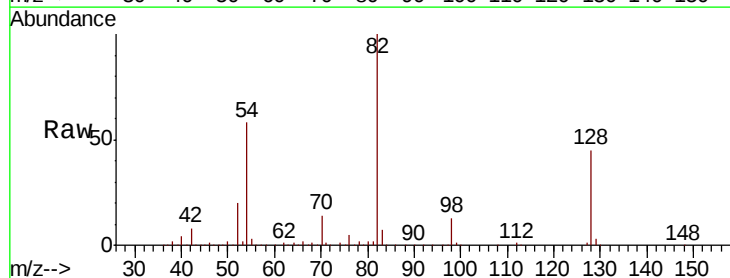
Instrument :
BNA_F
ClientSampleId :

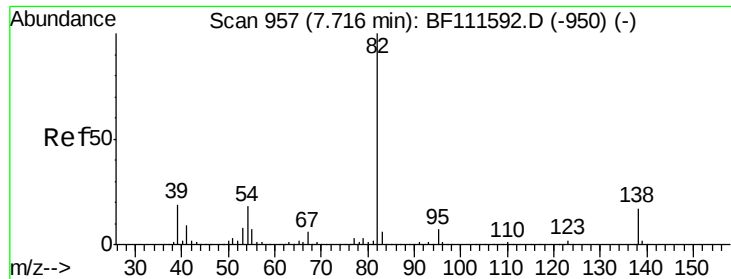
Tot Ion:136	Resp:	611785
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	7.8	7.7 11.5
68	4.8	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 102.439 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Tgt Ion: 82	Resp:	1076668
Ion	Ratio	Lower Upper
82	100	
128	44.7	37.4 56.2
54	58.0	47.6 71.4





#25

Isophorone

Concen: 57.409 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111809.D

Acq: 2 Jan 2019 14:50

Instrument :

BNA_F

ClientSampleId :

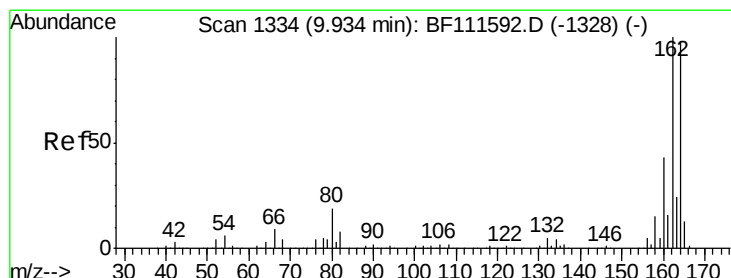
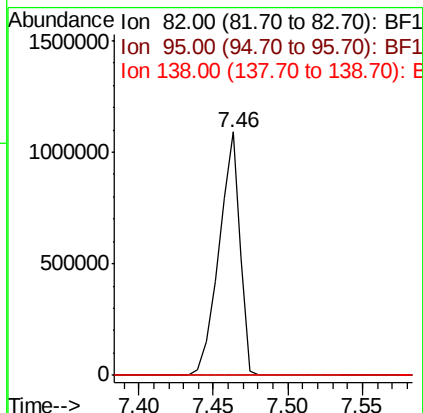
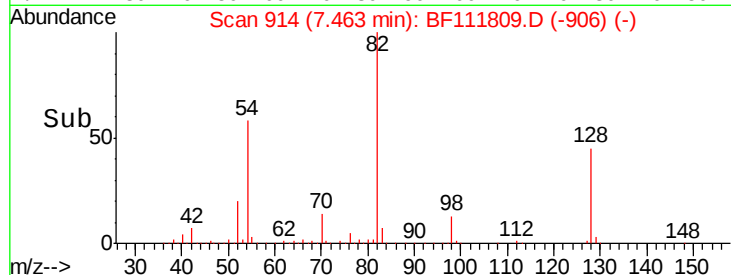
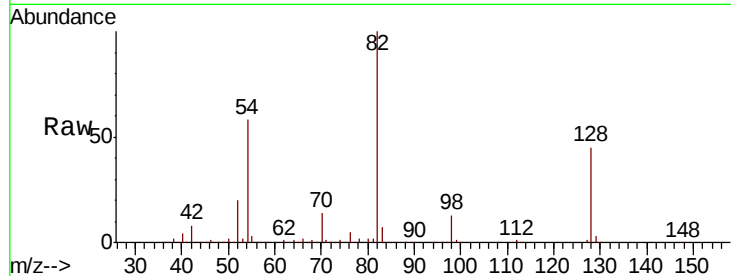
Tot Ion: 82 Resp: 1071186

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111809.D

Acq: 2 Jan 2019 14:50

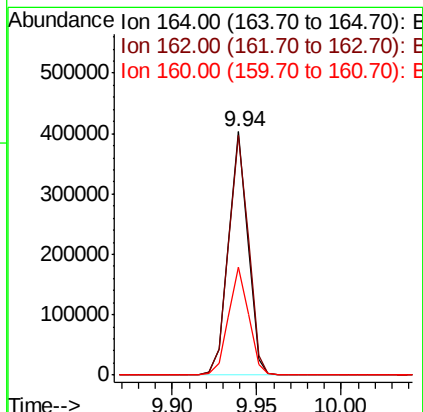
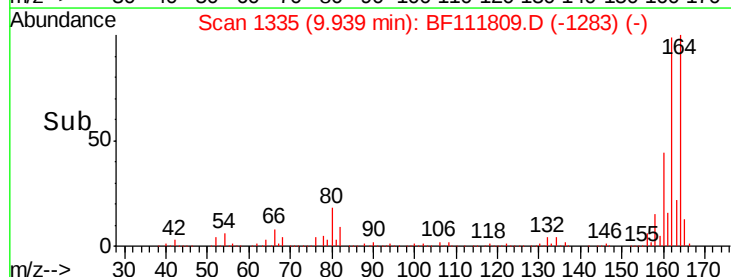
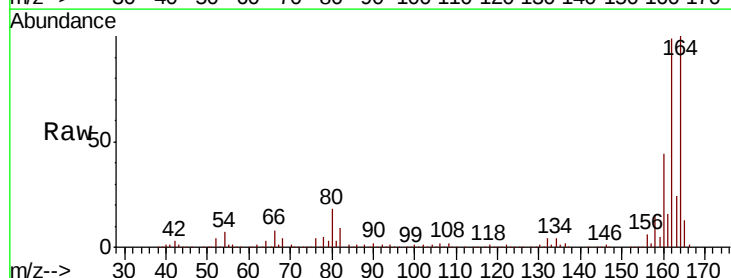
Tgt Ion:164 Resp: 320101

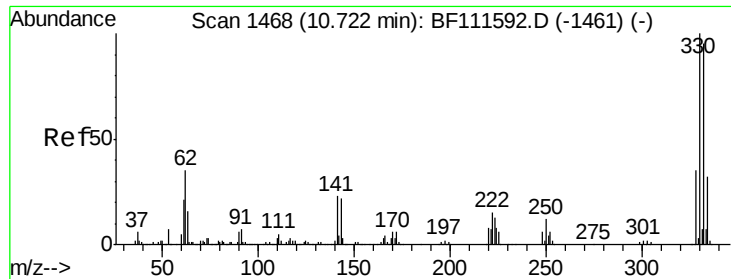
Ion Ratio Lower Upper

164 100

162 98.7 81.4 122.0

160 44.2 35.7 53.5

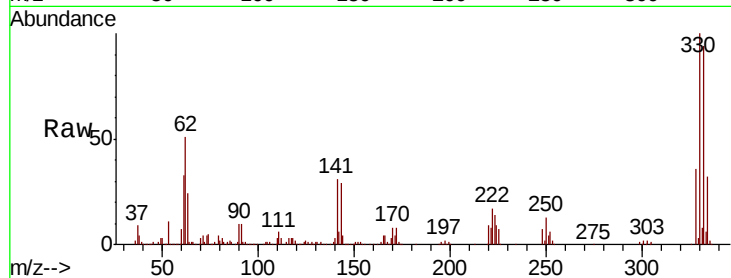




#42
 2,4,6-Tribromophenol
 Concen: 145.313 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111809.D
 Acq: 2 Jan 2019 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.0	114.0
141	29.4	31.0	46.6

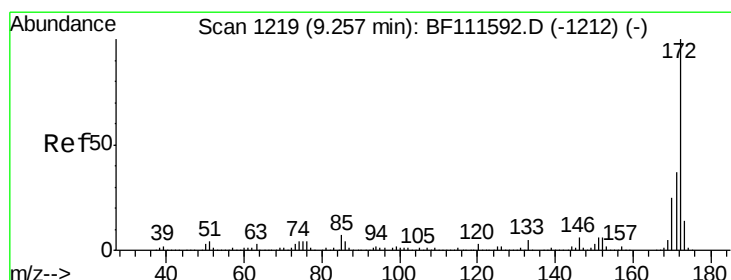
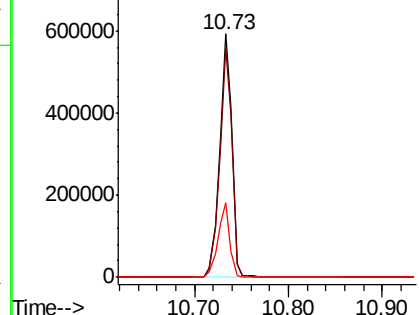
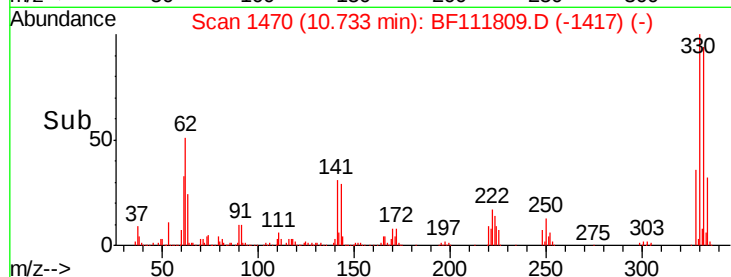


Abundance

Ion 329.80 (329.50 to 330.50): E

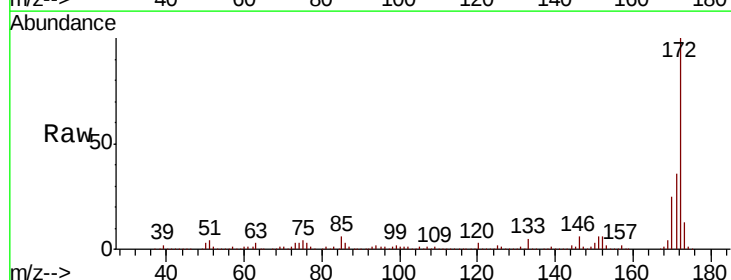
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.561 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111809.D
 Acq: 2 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.5	22.3	33.5

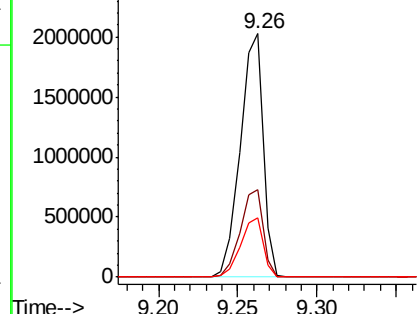
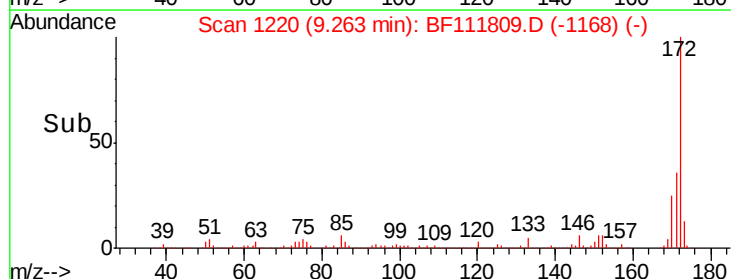


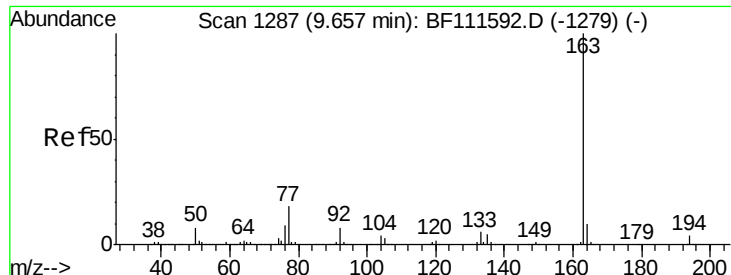
Abundance

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

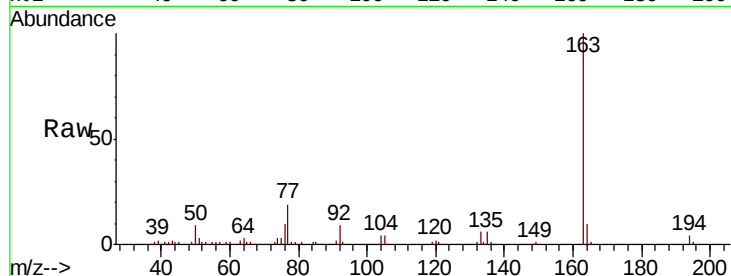




#50
Dimethylphthalate
Concen: 3.814 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.2	8.9	13.3

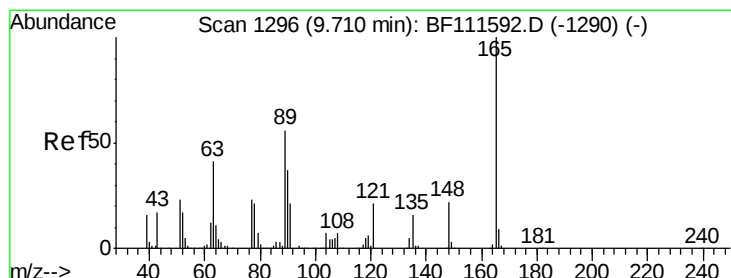
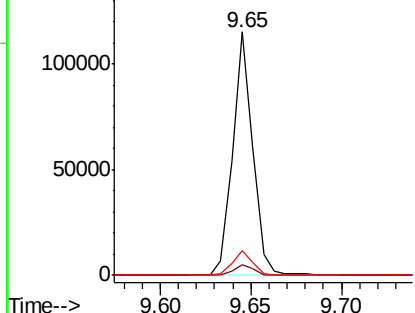
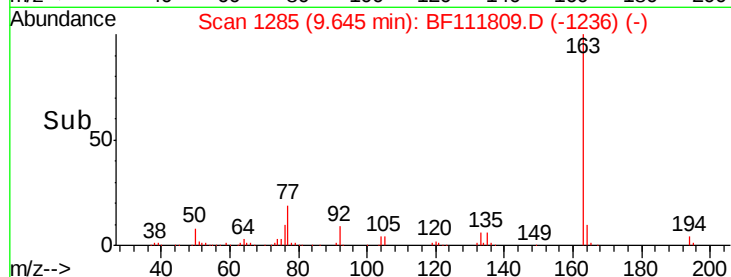


Abundance

Ion 163.00 (162.70 to 163.70): E

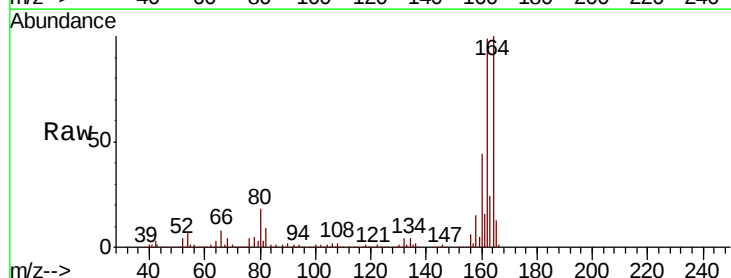
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 8.770 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	1.4	40.0	60.0#

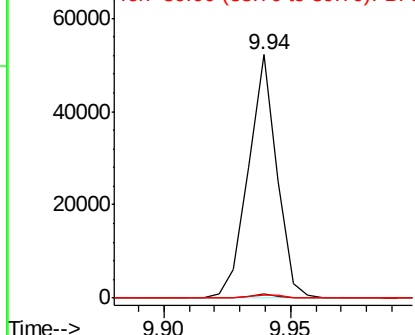
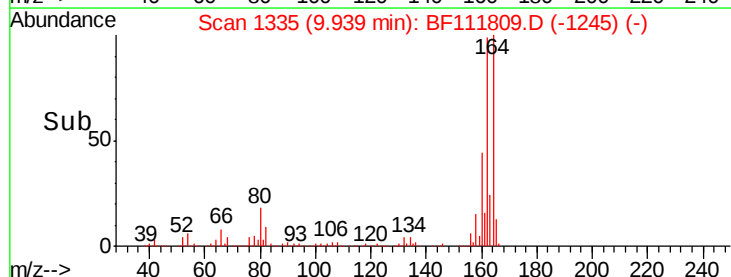


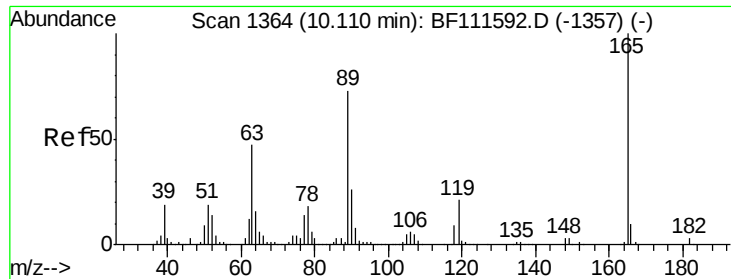
Abundance

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

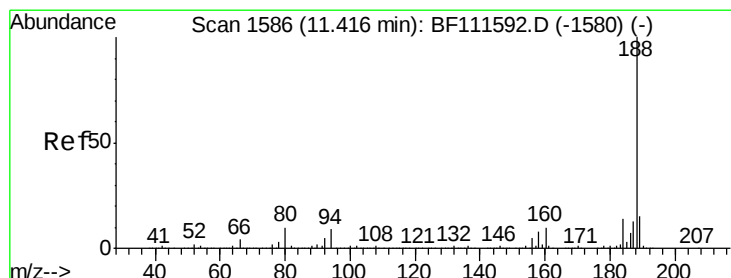
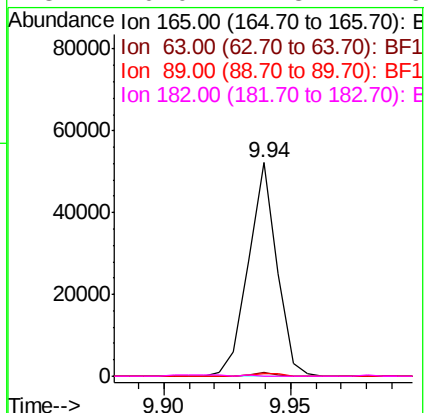
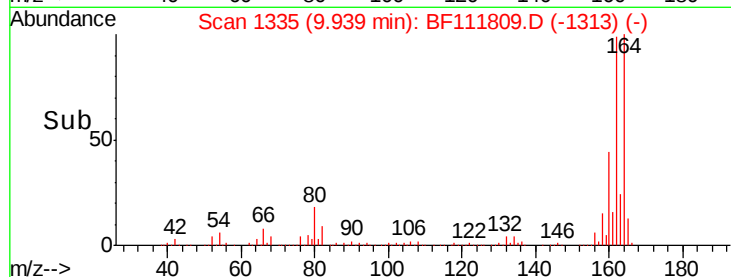
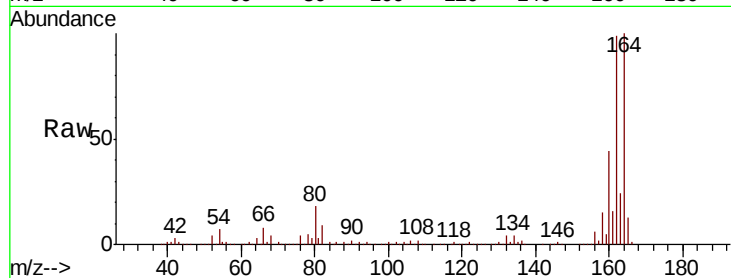




#57
 2,4-Dinitrotoluene
 Concen: 7.297 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111809.D
 Acq: 2 Jan 2019 14:50

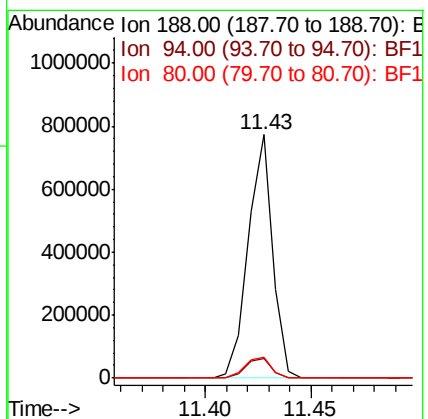
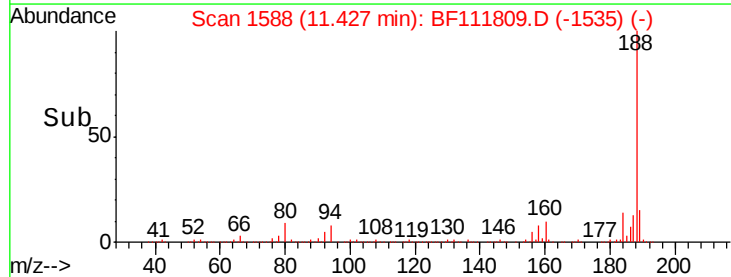
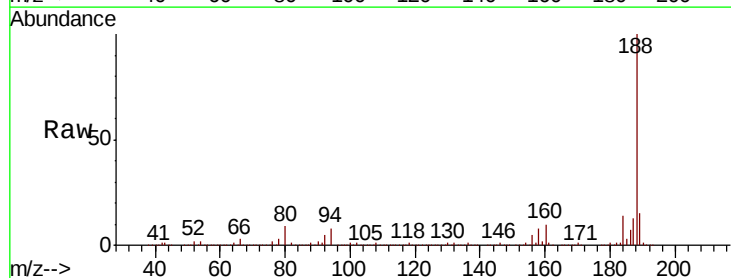
Instrument :
 BNA_F
 ClientSampleId :

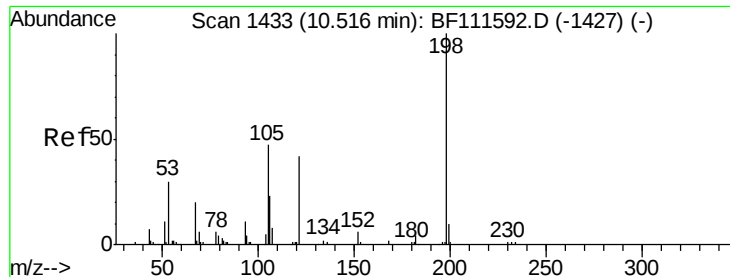
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111809.D
 Acq: 2 Jan 2019 14:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.6	9.8	14.6#

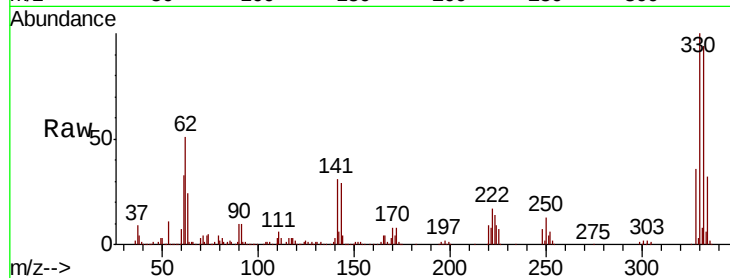




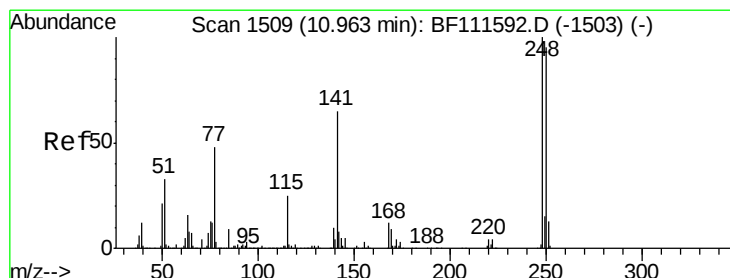
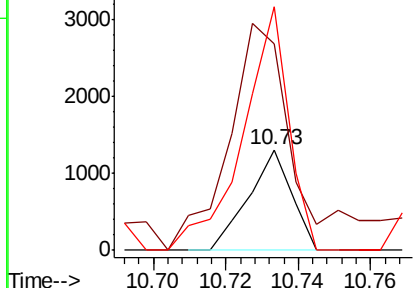
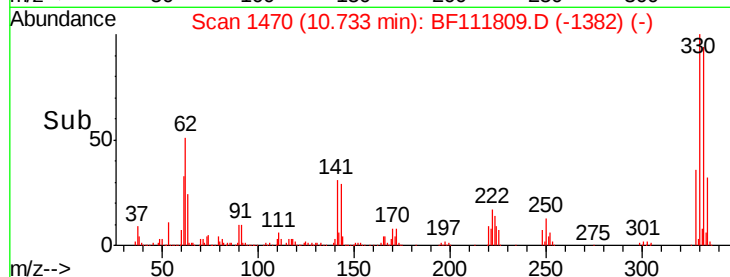
#65
4,6-Dinitro-2-methylphenol
Concen: 7.054 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.22 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 1079
Ion Ratio Lower Upper
198 100
51 205.0 48.0 88.0#
105 241.6 34.0 74.0#

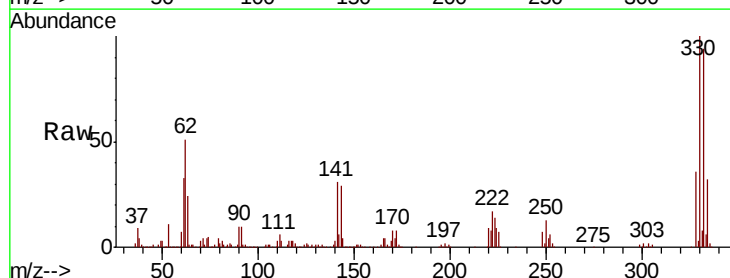


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

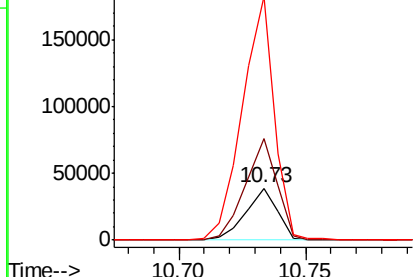
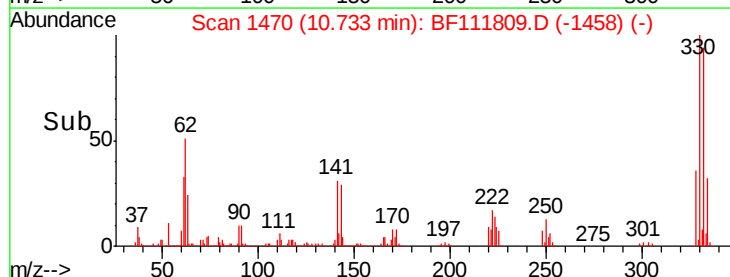


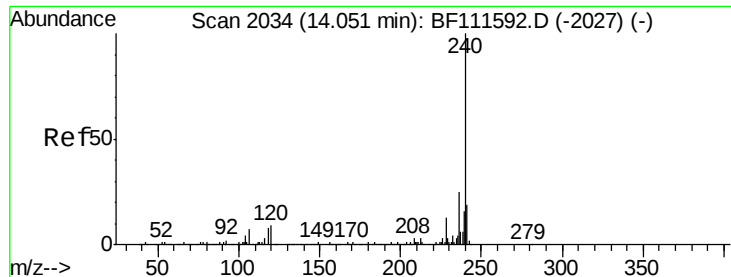
#67
4-Bromophenyl-phenylether
Concen: 4.380 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.23 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Tgt Ion:248 Resp: 33766
Ion Ratio Lower Upper
248 100
250 194.0 77.0 115.4#
141 466.8 63.0 94.6#



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

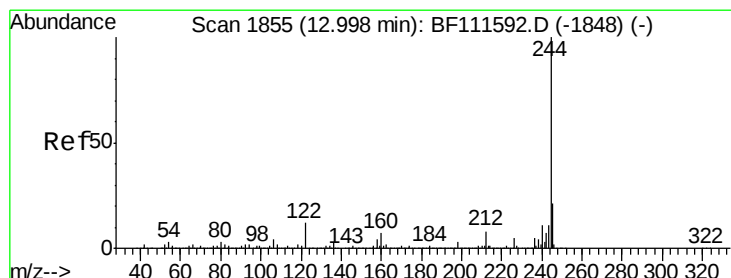
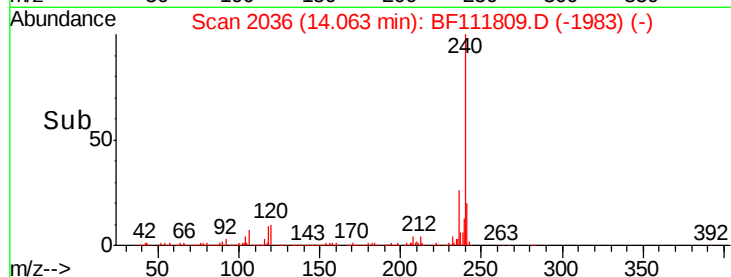
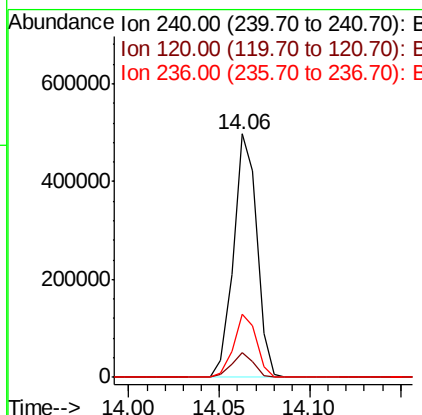
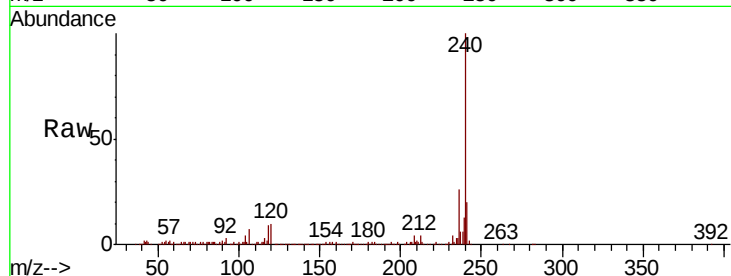




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

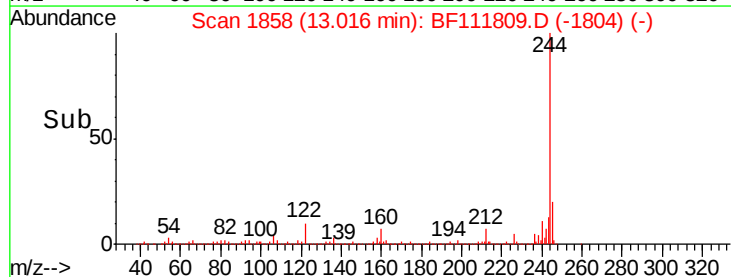
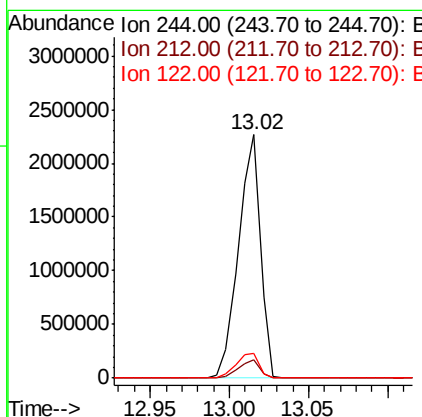
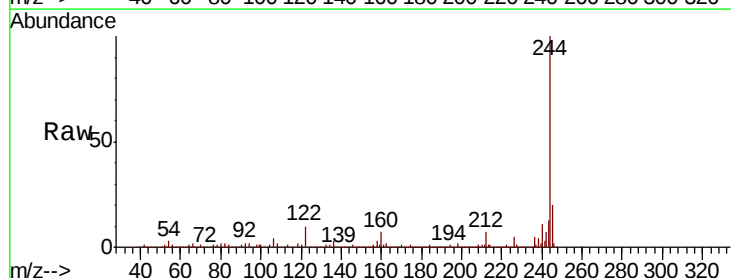
Instrument :
BNA_F
ClientSampleId :

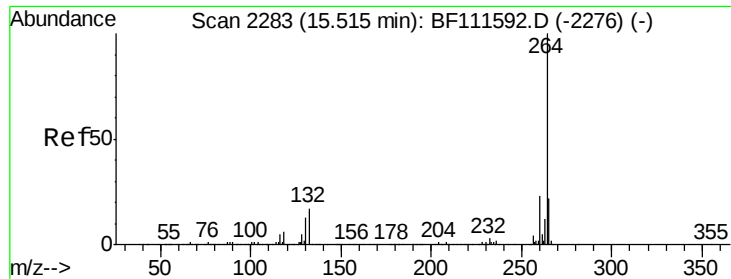
Tot Ion:240 Resp: 447283
Ion Ratio Lower Upper
240 100
120 10.0 12.2 18.2#
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 92.061 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111809.D
Acq: 2 Jan 2019 14:50

Tgt Ion:244 Resp: 2171313
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.4 13.1 19.7#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.04 min
 Lab File: BF111809.D
 Acq: 2 Jan 2019 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	20.6	17.7	26.5

