

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111988.D
 Acq On : 10 Jan 2019 15:39
 Operator : JU/SJ
 Sample : K1005-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:51:29 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

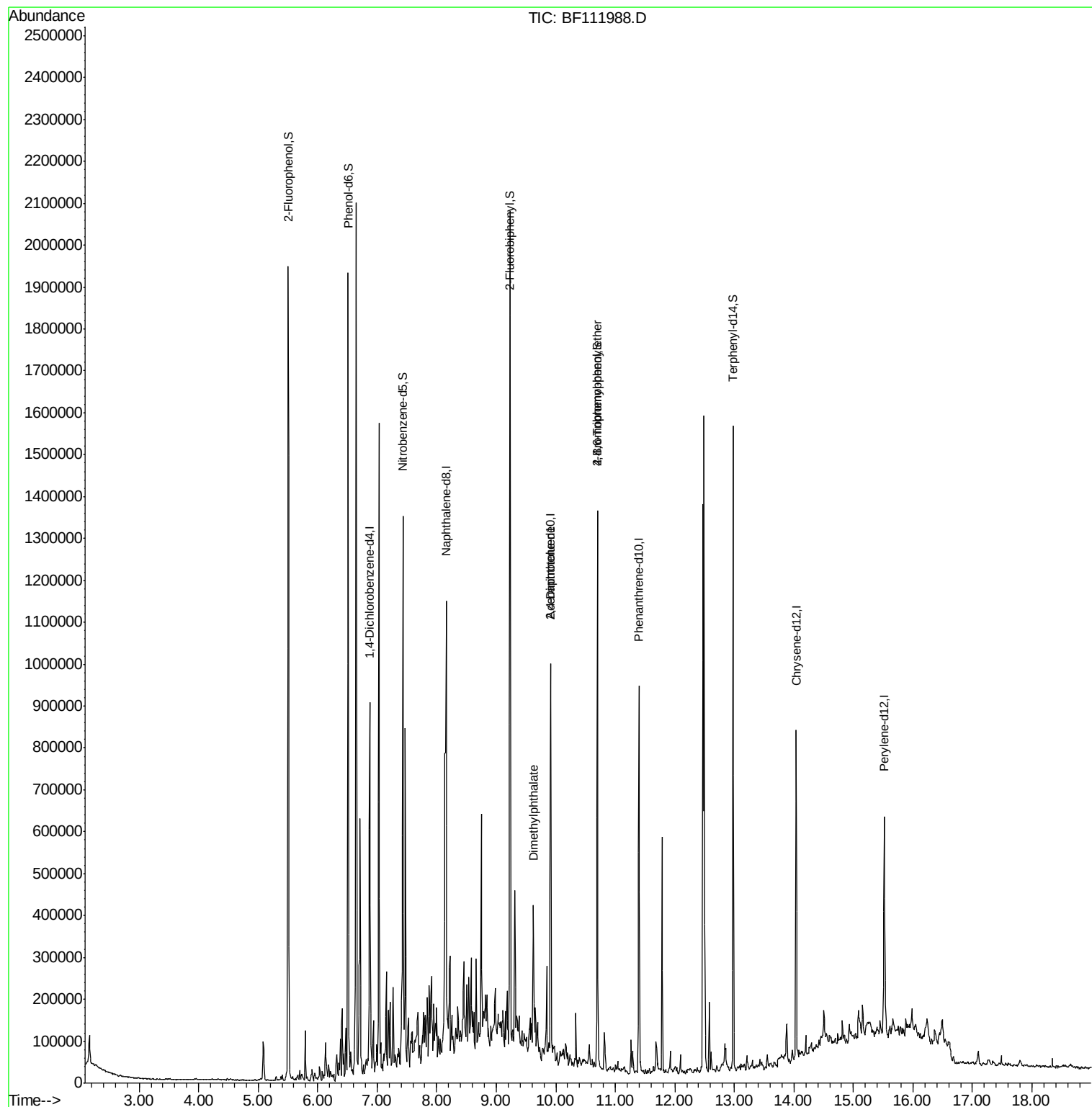
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	113788	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	428570	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	187417	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	298158	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	258699	20.00	ng	-0.02
87) Perylene-d12	15.52	264	250997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	502754	75.59	ng	-0.02
7) Phenol-d6	6.51	99	642714	74.97	ng	-0.02
23) Nitrobenzene-d5	7.43	82	404728	50.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	159738	65.53	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	611469	47.58	ng	-0.02
79) Terphenyl-d14	12.98	244	468000	34.34	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.43	77	1237	Below Cal		Qvalue # 1
50) Dimethylphthalate	9.62	163	107314	7.622	ng	99
57) 2,4-Dinitrotoluene	9.91	165	25152	6.183	ng	# 28
67) 4-Bromophenyl-phenylether	10.70	248	9548	2.472	ng	# 1

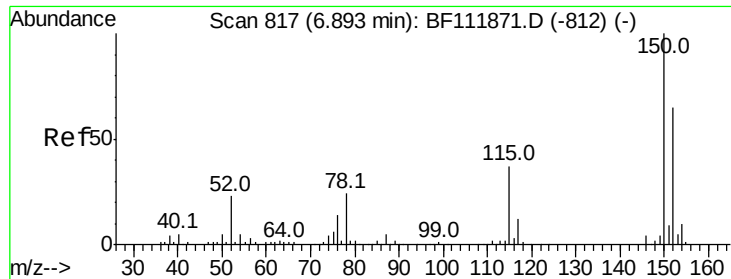
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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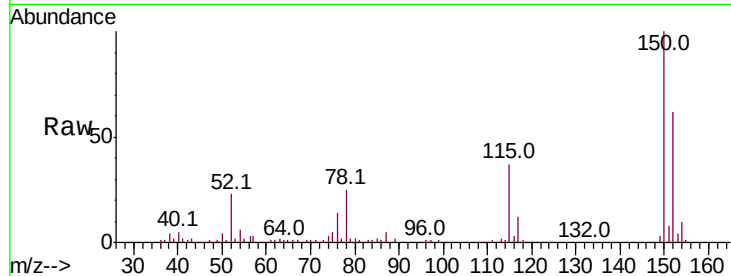


#1

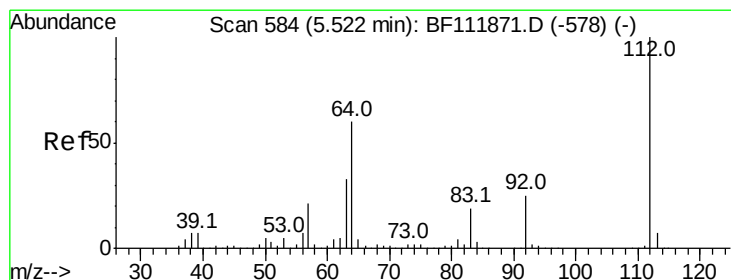
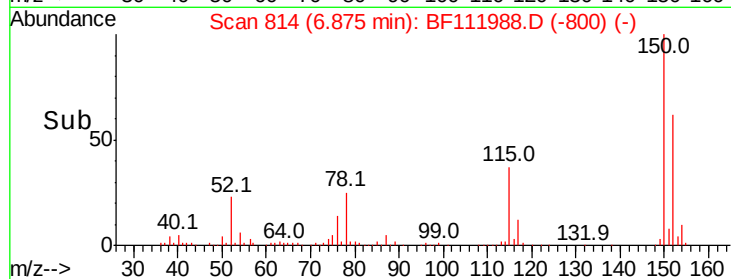
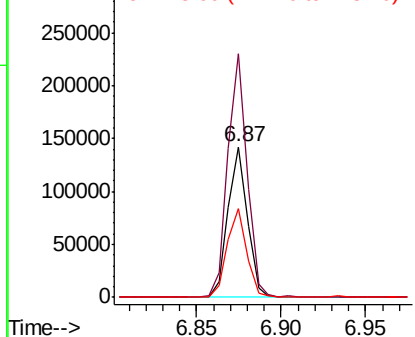
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113788
Ion Ratio Lower Upper
152 100
150 161.9 122.7 184.1
115 59.4 45.2 67.8



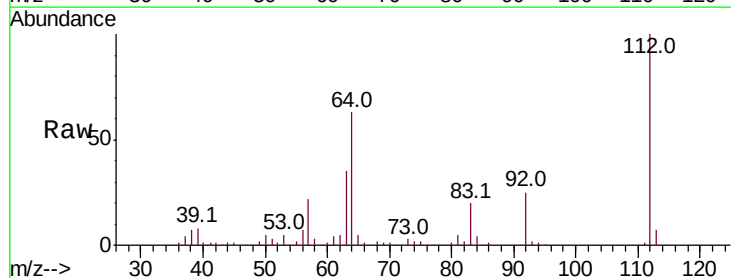
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



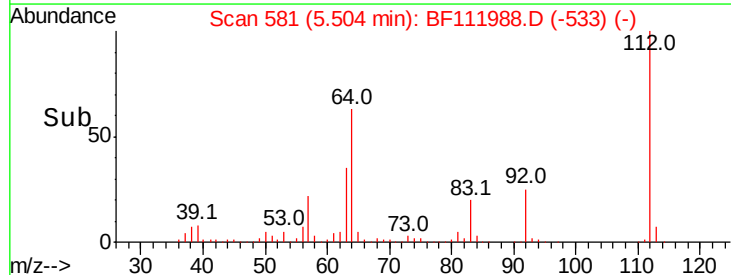
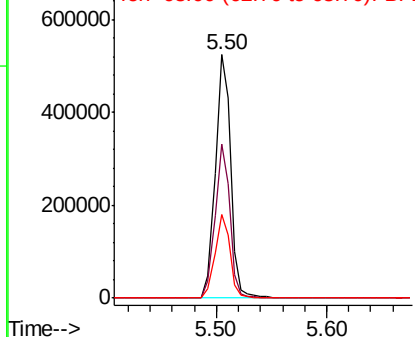
#5

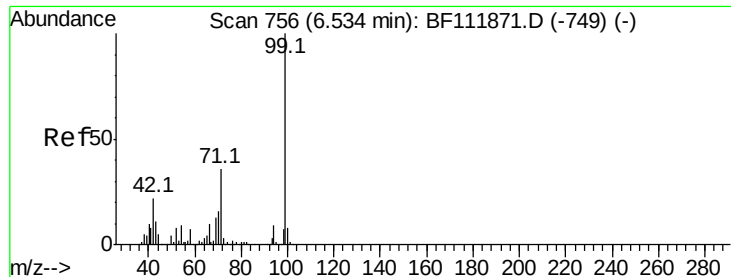
2-Fluorophenol
Concen: 75.590 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:112 Resp: 502754
Ion Ratio Lower Upper
112 100
64 63.4 48.3 72.5
63 34.5 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: 74.974 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF111988.D

Acq: 10 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

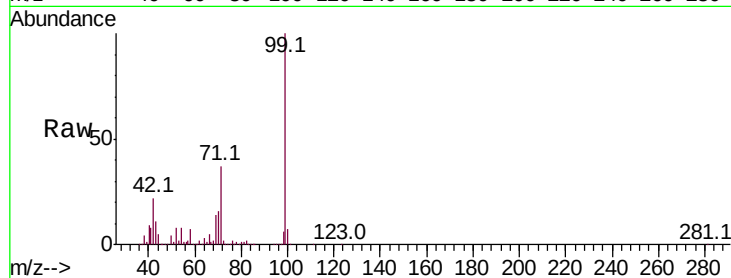
Tot Ion: 99 Resp: 642714

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

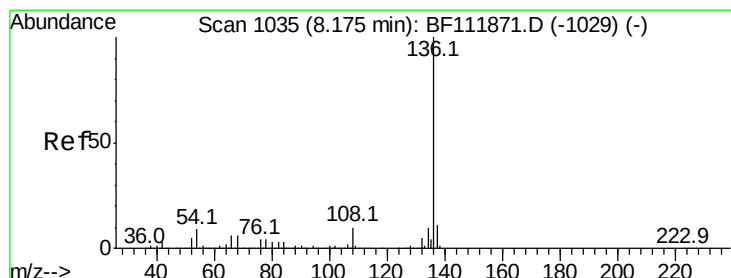
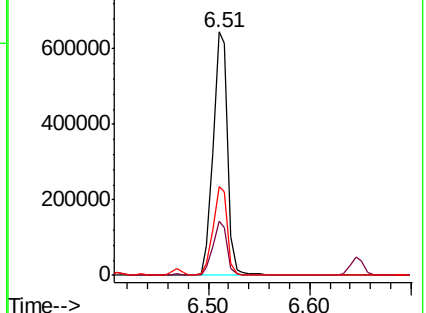
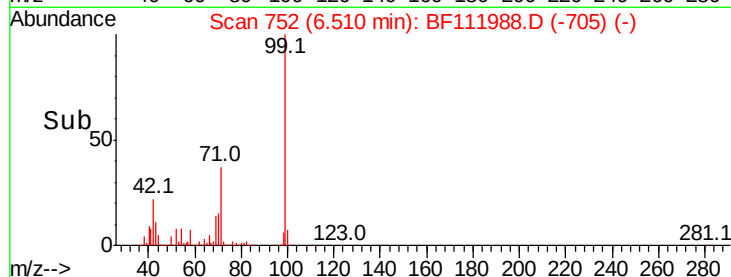
71 36.7 28.7 43.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF111988.D

Acq: 10 Jan 2019 15:39

Tgt Ion: 136 Resp: 428570

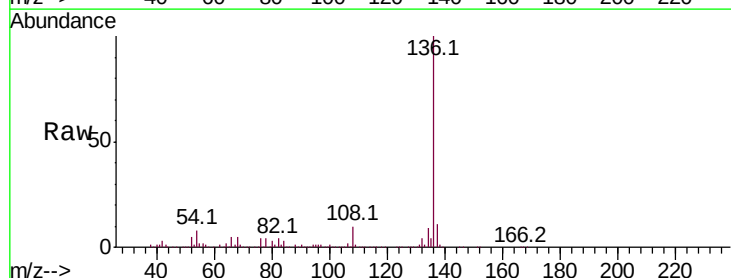
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.3 7.2 10.8

68 5.4 4.4 6.6

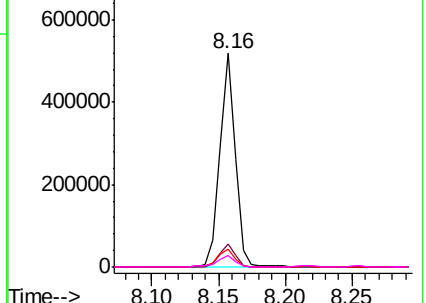
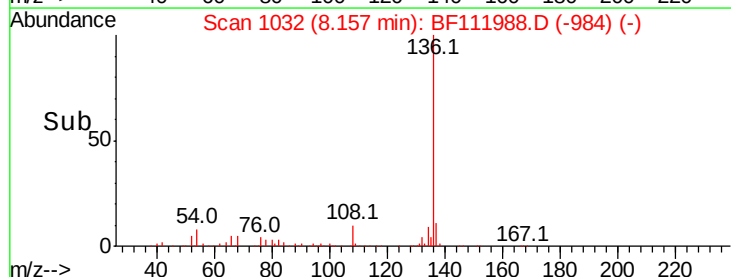


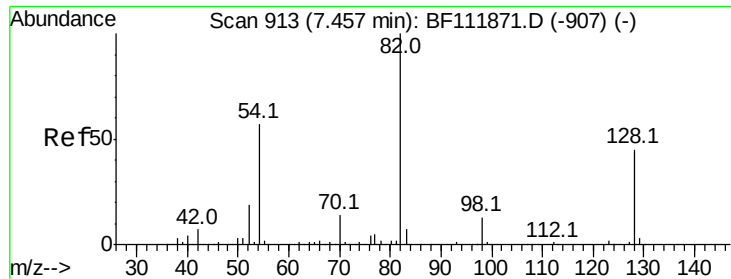
Abundance Ion 136.00 (135.70 to 136.70): E

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

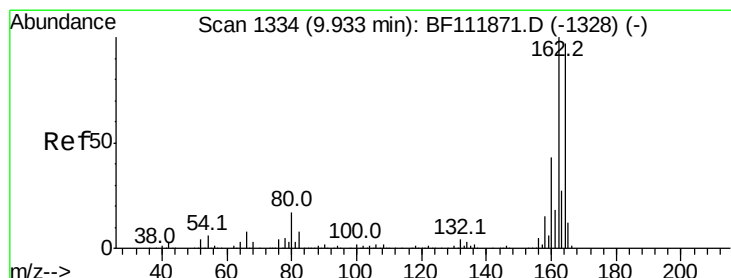
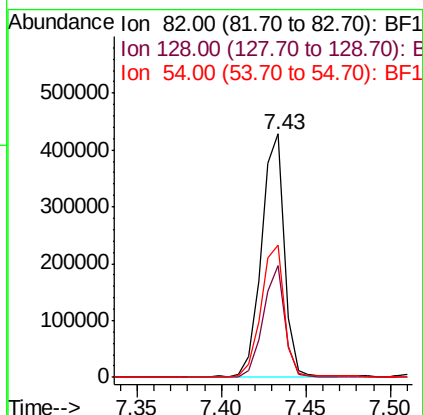
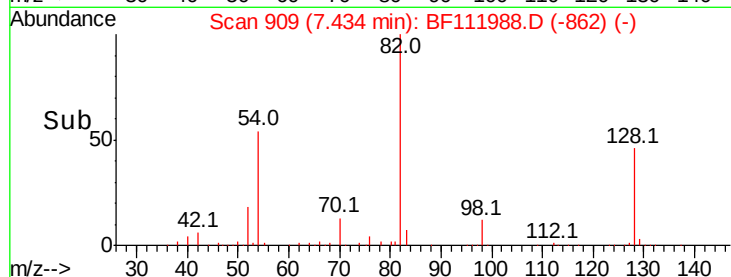
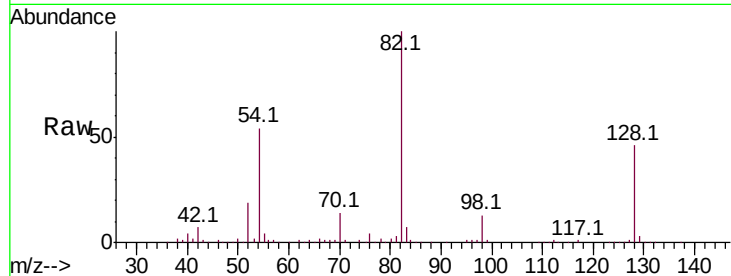




#23
Nitrobenzene-d5
Concen: 50.472 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

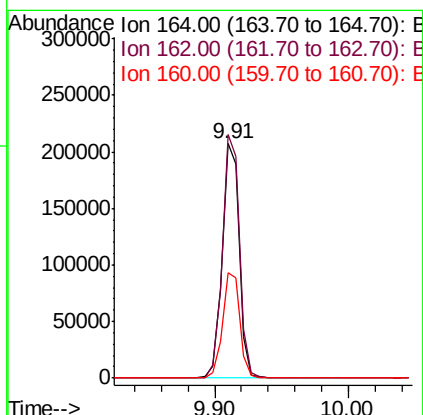
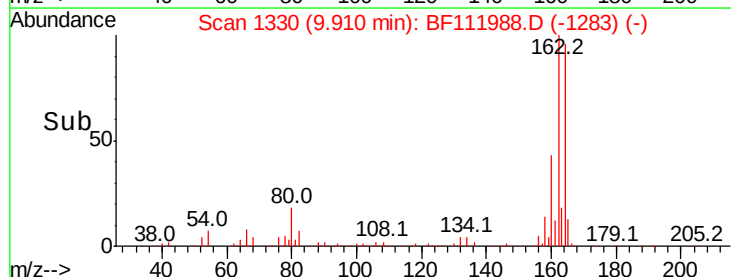
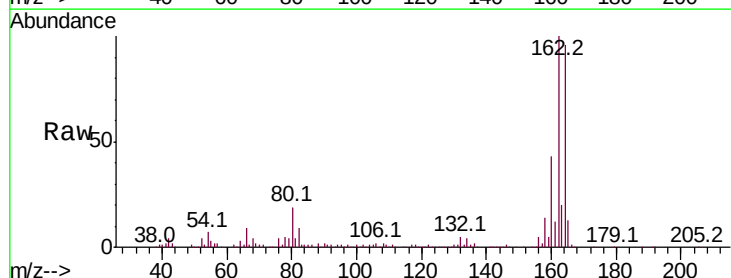
Instrument :
BNA_F
ClientSampleId :

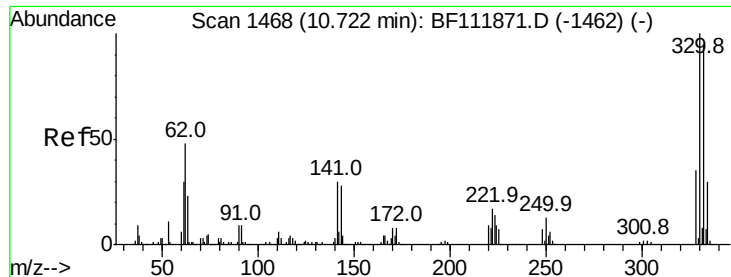
Tot Ion: 82 Resp: 404728
Ion Ratio Lower Upper
82 100
128 45.8 35.7 53.5
54 54.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:164 Resp: 187417
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.2
160 44.7 35.5 53.3

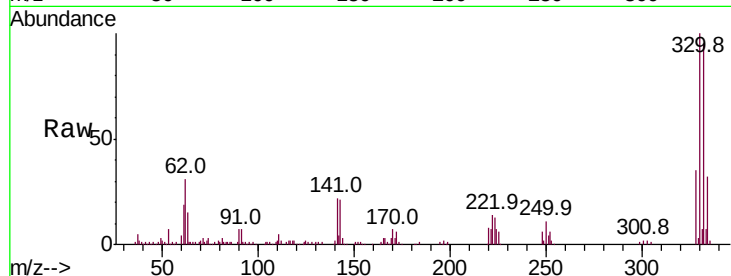




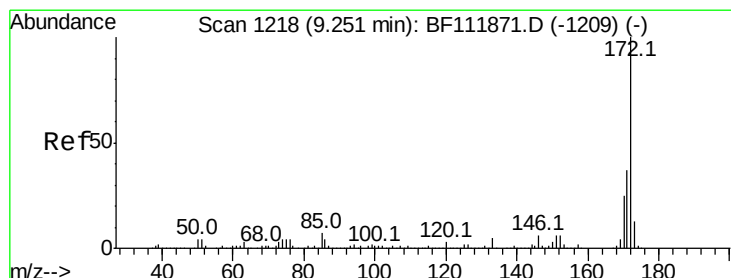
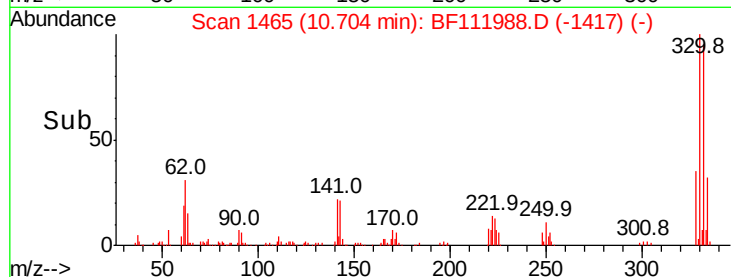
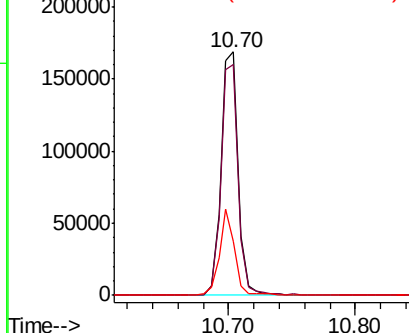
#42
 2,4,6-Tribromophenol
 Concen: 65.527 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF111988.D
 Acq: 10 Jan 2019 15:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	31.7	23.7	35.5

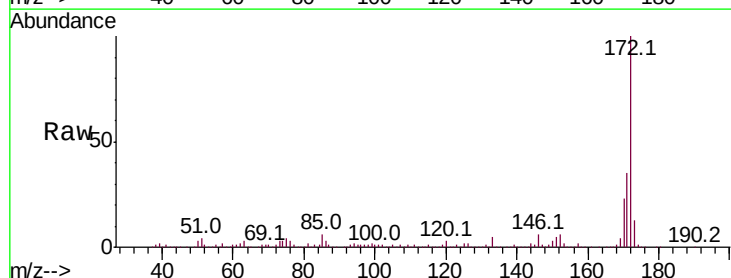


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

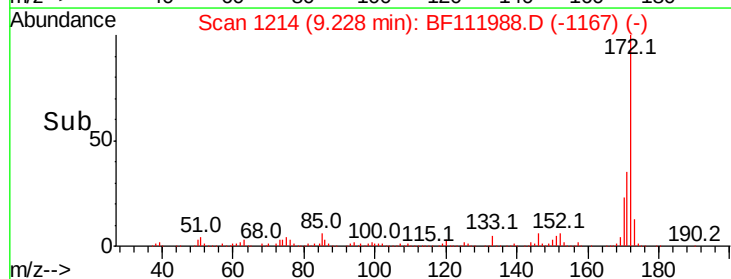
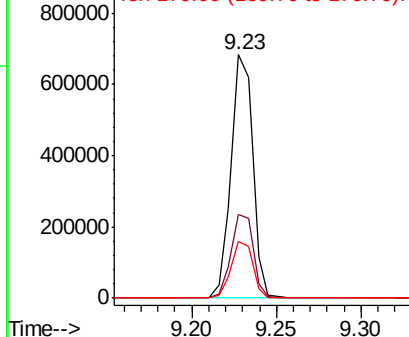


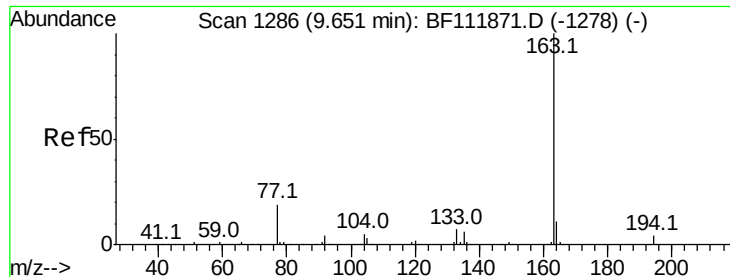
#45
 2-Fluorobiphenyl
 Concen: 47.575 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF111988.D
 Acq: 10 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.3	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

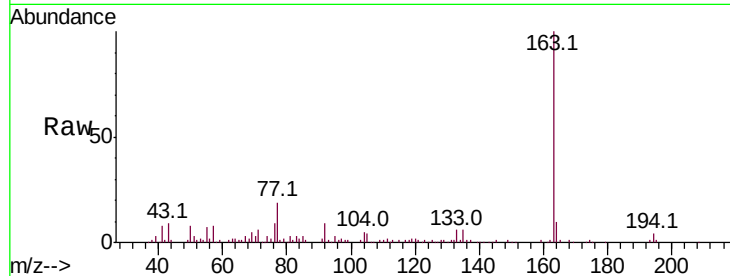




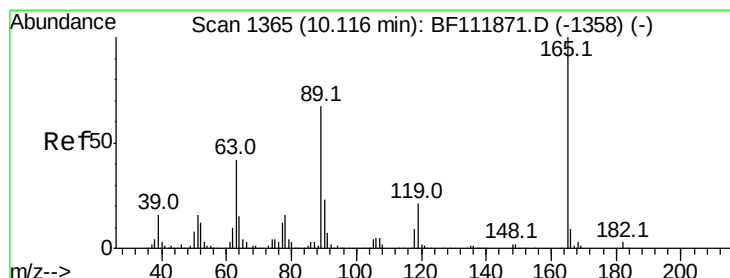
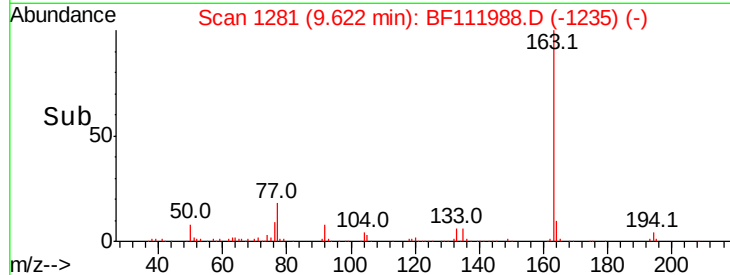
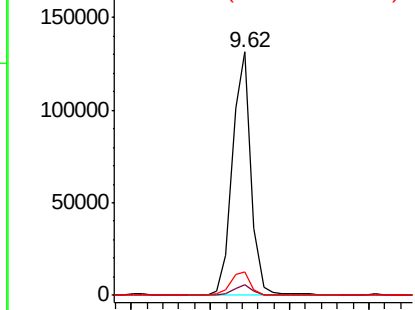
#50
 Dimethylphthalate
 Concen: 7.622 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.03 min
 Lab File: BF111988.D
 Acq: 10 Jan 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	107314
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	8.5	12.7

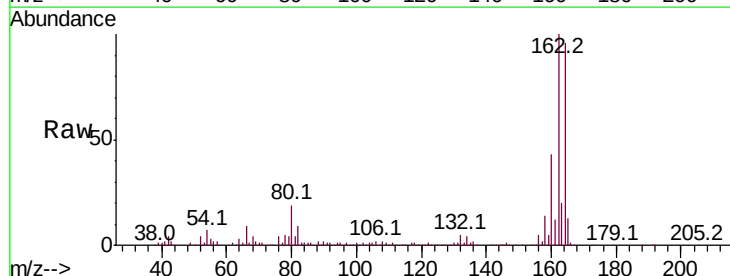


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

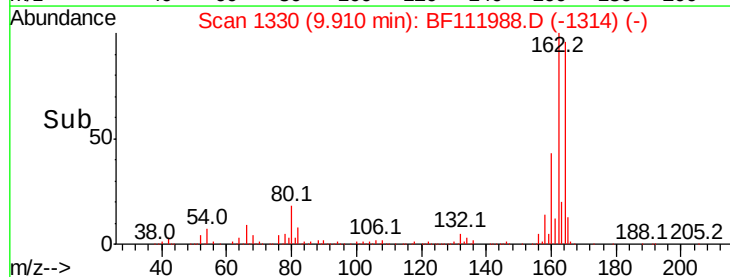
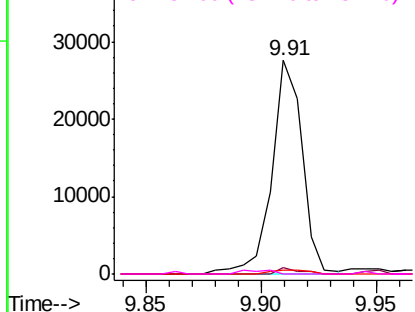


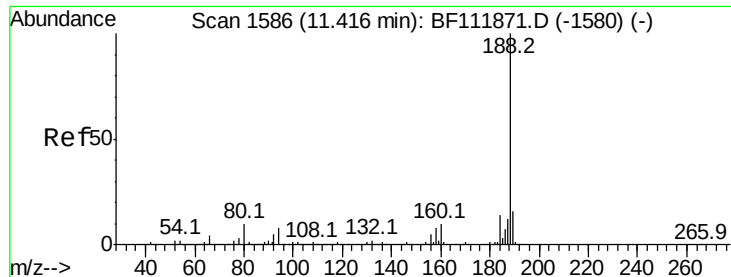
#57
 2,4-Dinitrotoluene
 Concen: 6.183 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF111988.D
 Acq: 10 Jan 2019 15:39

Tgt Ion:	165	Resp:	25152
Ion	Ratio	Lower	Upper
165	100		
63	2.8	34.1	51.1#
89	1.9	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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111988.D

Acq: 10 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

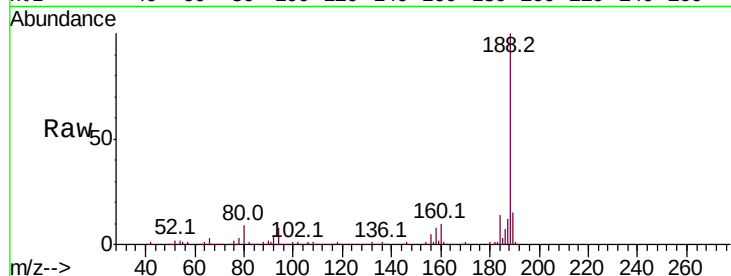
Tot Ion:188 Resp: 298158

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

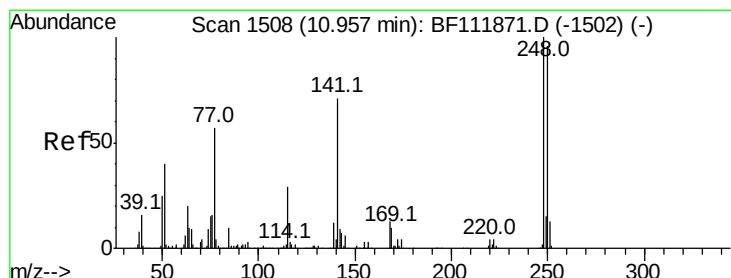
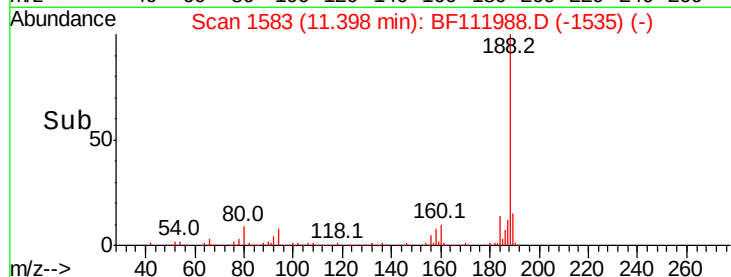
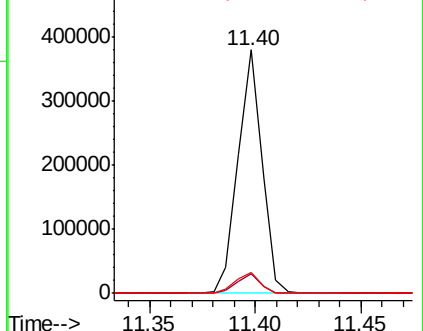
80 8.8 7.7 11.5



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: 2.472 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.26 min

Lab File: BF111988.D

Acq: 10 Jan 2019 15:39

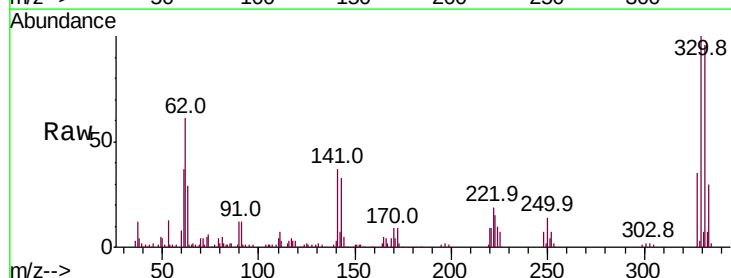
Tgt Ion:248 Resp: 9548

Ion Ratio Lower Upper

248 100

250 200.6 76.8 115.2#

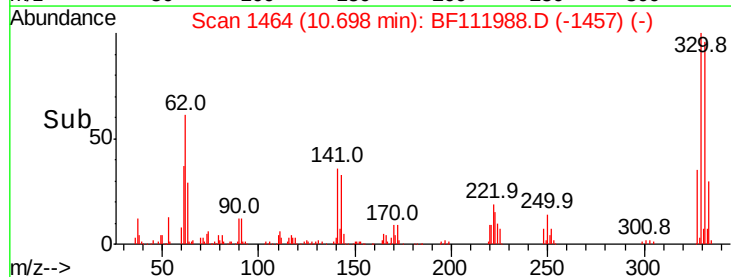
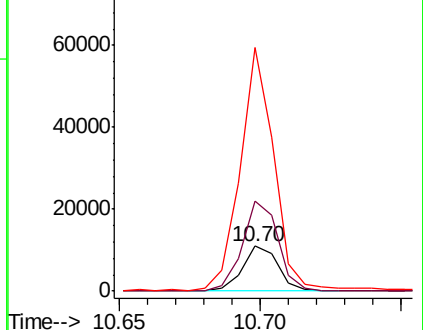
141 542.5 57.0 85.6#

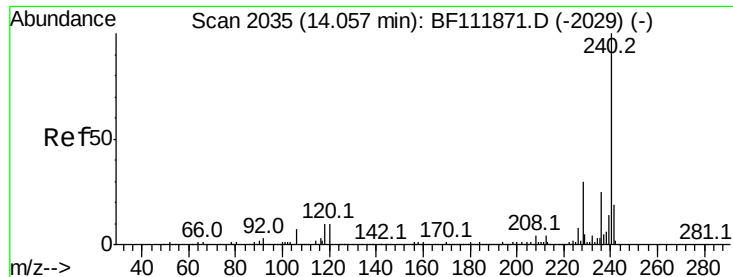


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF111988.D

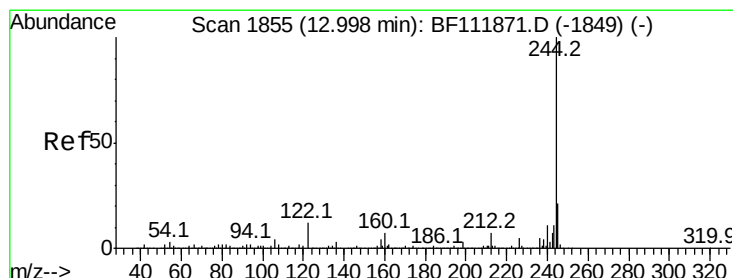
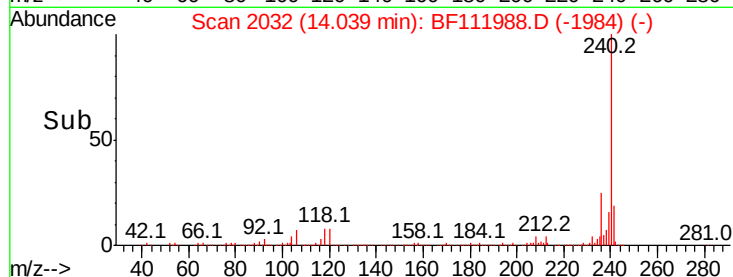
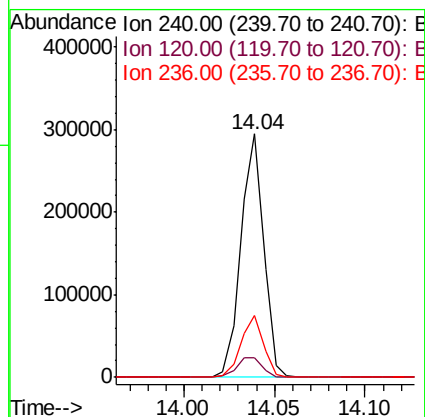
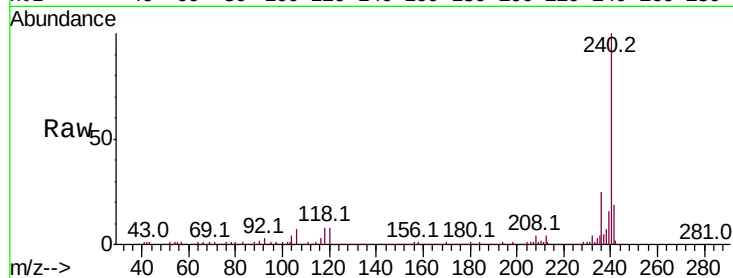
Acq: 10 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	258699
Ion Ratio	Lower	Upper
240 100		
120 8.2	8.2	12.2
236 25.5	20.2	30.4



#79

Terphenyl-d14

Concen: 34.340 ng

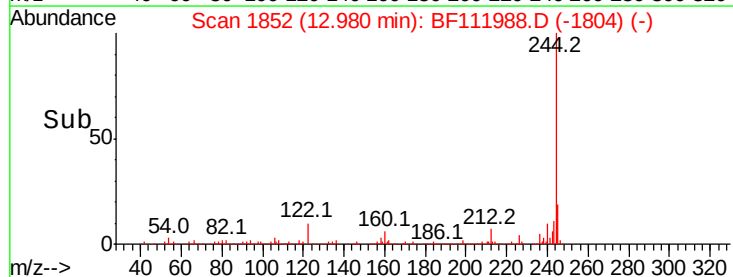
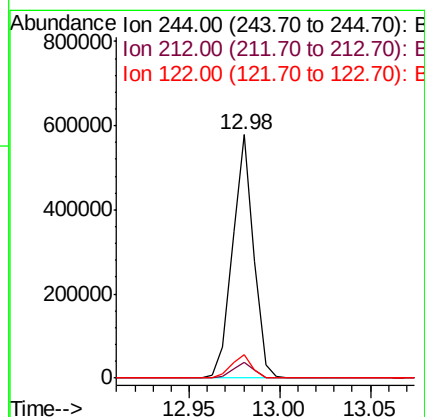
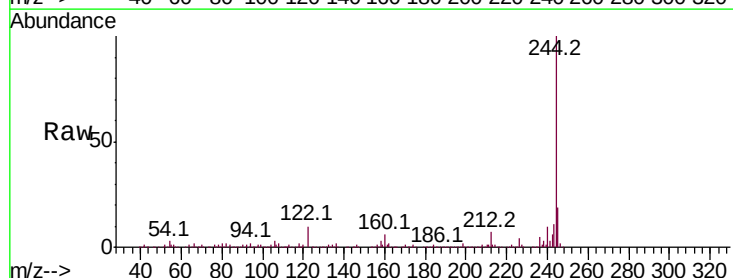
RT: 12.98 min Scan# 1852

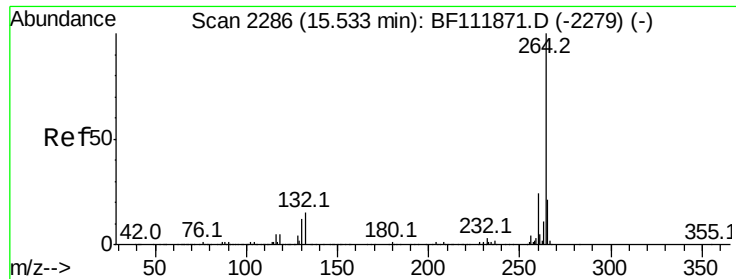
Delta R.T. -0.02 min

Lab File: BF111988.D

Acq: 10 Jan 2019 15:39

Tgt Ion:244	Resp:	468000
Ion Ratio	Lower	Upper
244 100		
212 6.6	5.8	8.8
122 9.6	9.5	14.3

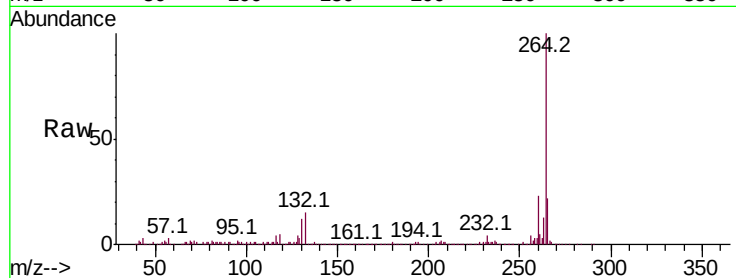




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	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

