

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111969.D
 Acq On : 10 Jan 2019 00:15
 Operator : JU/SJ
 Sample : K1075-13 2XRE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:55:42 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

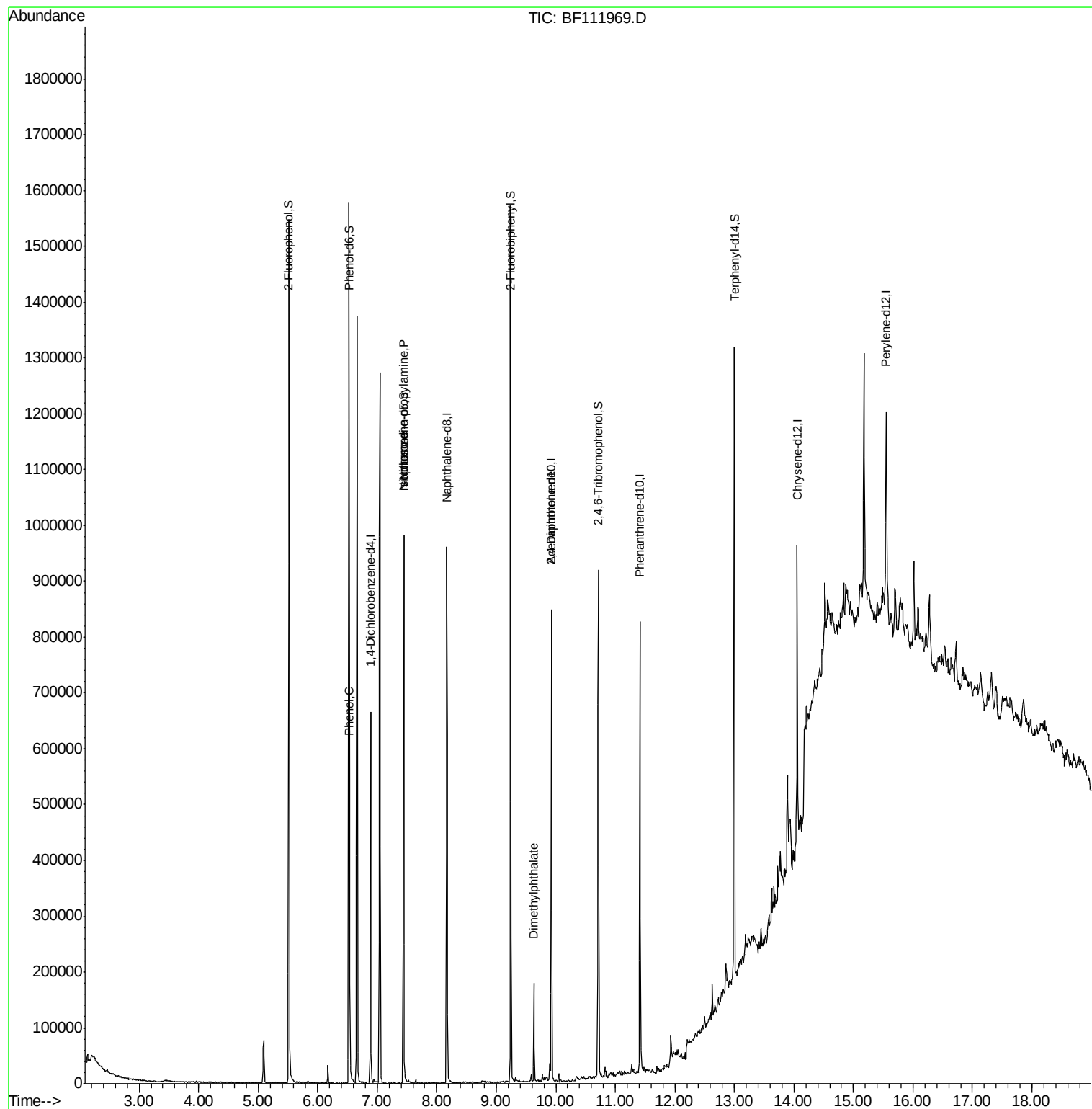
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87683	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	396902	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	154872	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	302264	20.00	ng	0.00
76) Chrysene-d12	14.06	240	173669	20.00	ng	0.00
87) Perylene-d12	15.55	264	174511	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	391898	76.46	ng	0.00
7) Phenol-d6	6.53	99	450764	68.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	286517	38.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	106830	53.03	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	485520	45.71	ng	-0.01
79) Terphenyl-d14	13.00	244	382709	41.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1042	Below Cal		Qvalue
10) Phenol	6.54	94	21967	3.060 ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	38995	9.085 ng	#	81
25) Isophorone	7.45	82	286514	23.825 ng	#	76
50) Dimethylphthalate	9.63	163	65754	5.652 ng	#	65
57) 2,4-Dinitrotoluene	9.93	165	20236	6.020 ng	#	99
						27

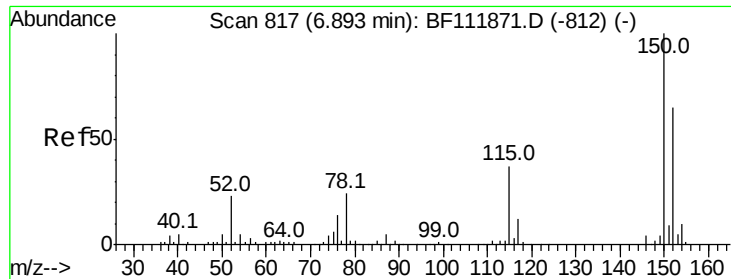
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



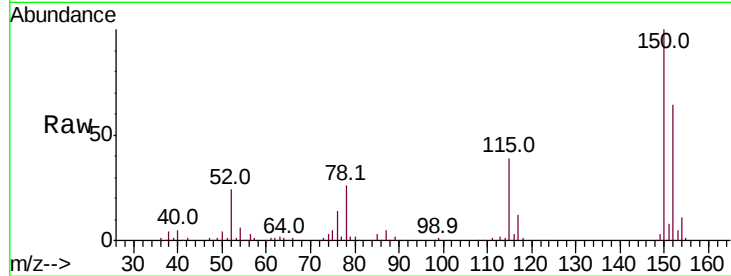


#1

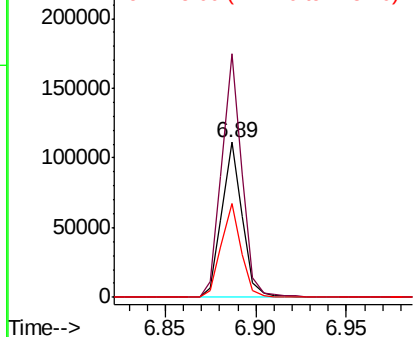
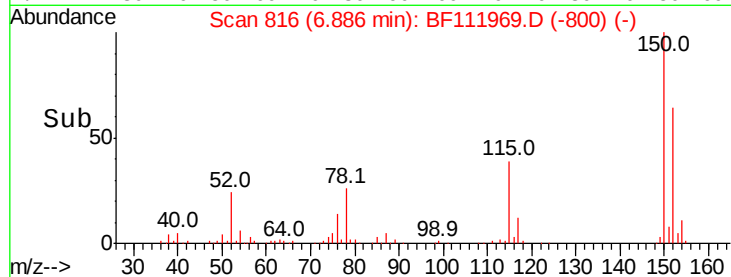
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87683
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 60.6 45.2 67.8



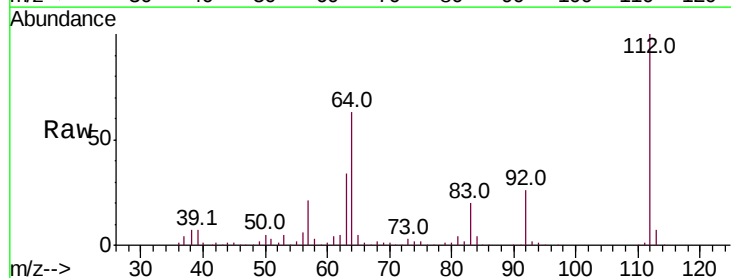
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



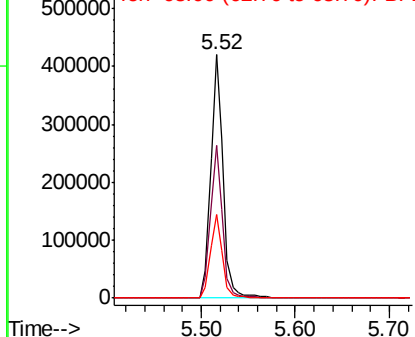
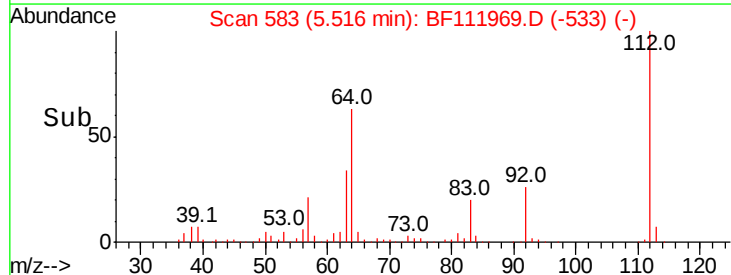
#5

2-Fluorophenol
Concen: 76.465 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Tgt Ion:112 Resp: 391898
Ion Ratio Lower Upper
112 100
64 62.9 48.3 72.5
63 34.2 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: 68.238 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111969.D

Acq: 10 Jan 2019 00:15

Instrument :

BNA_F

ClientSampled :

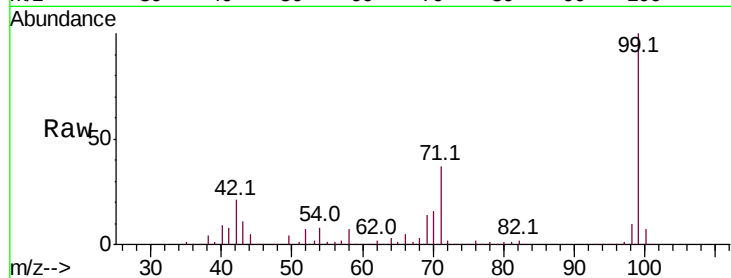
Tot Ion: 99 Resp: 450764

Ion Ratio Lower Upper

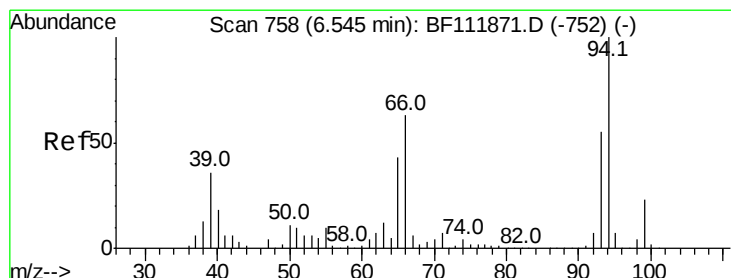
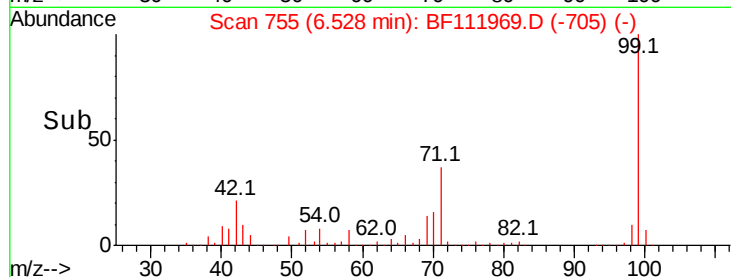
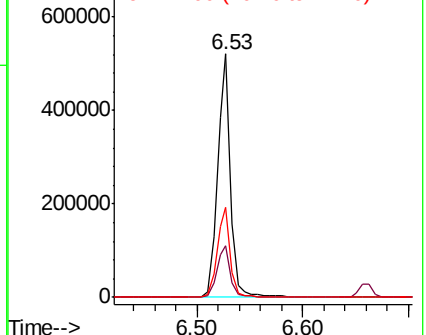
99 100

42 21.3 17.9 26.9

71 36.9 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: 3.060 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111969.D

Acq: 10 Jan 2019 00:15

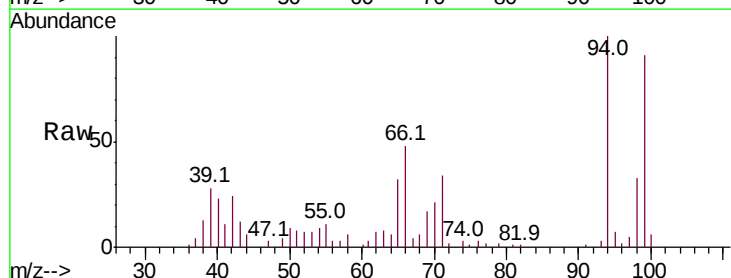
Tgt Ion: 94 Resp: 21967

Ion Ratio Lower Upper

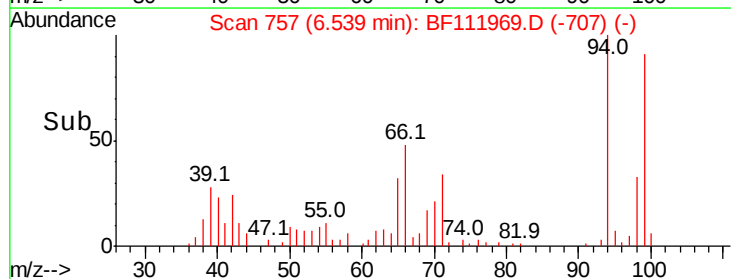
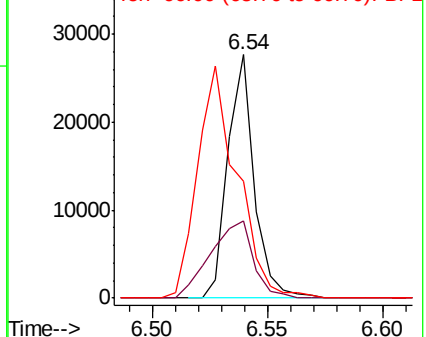
94 100

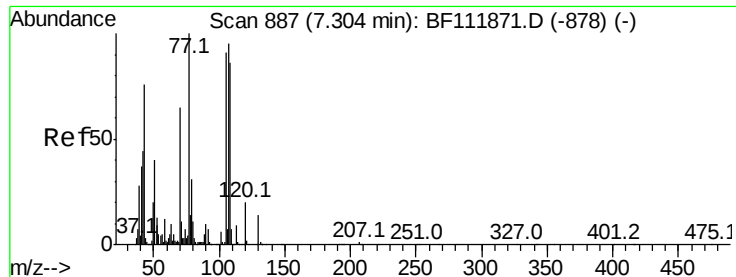
65 31.8 22.8 62.8

66 48.2 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

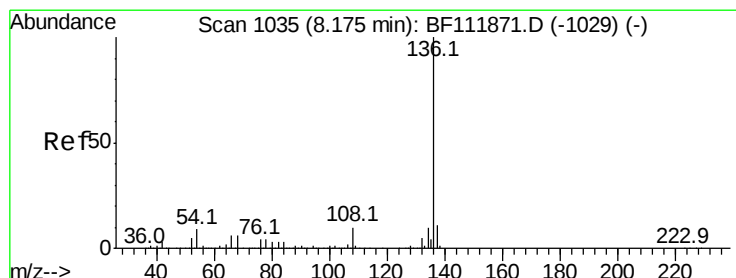
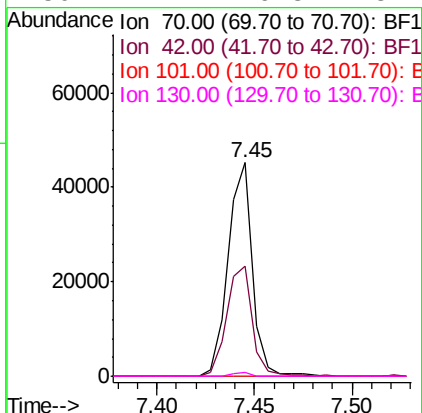
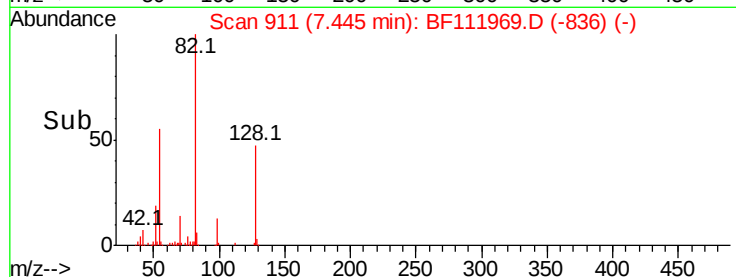
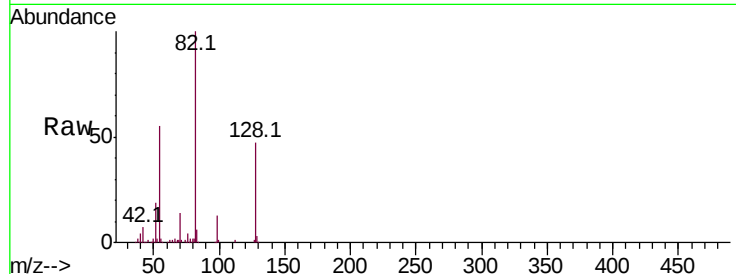




#19
n-Nitroso-di-n-propylamine
Concen: 9.085 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

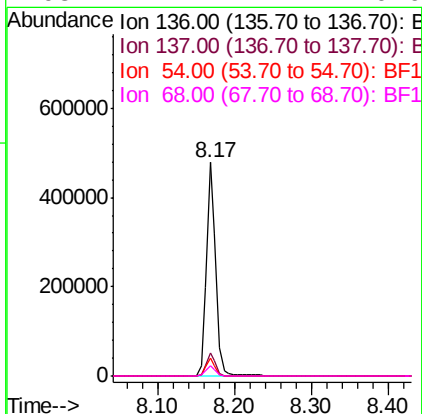
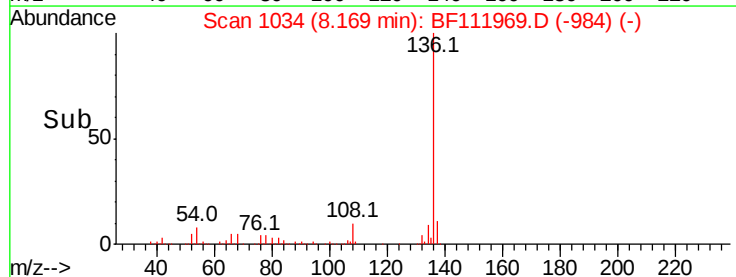
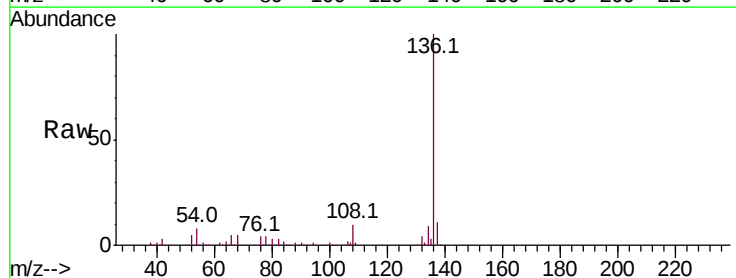
Instrument :
BNA_F
ClientSampleId :

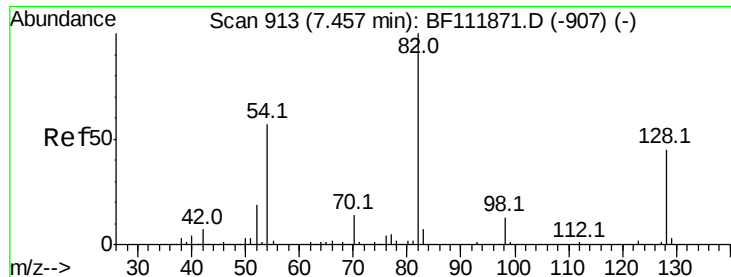
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.6	53.6	80.4#
101	0.0	7.3	10.9#
130	2.1	16.8	25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.1	7.2	10.8
68	4.7	4.4	6.6

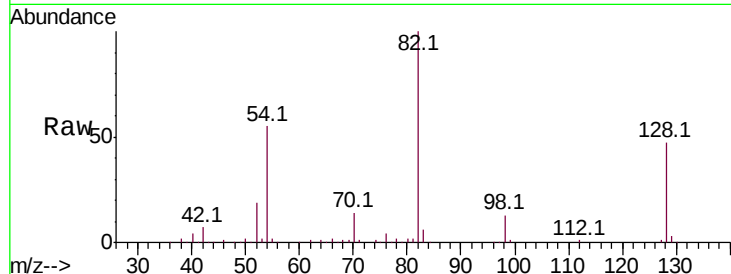




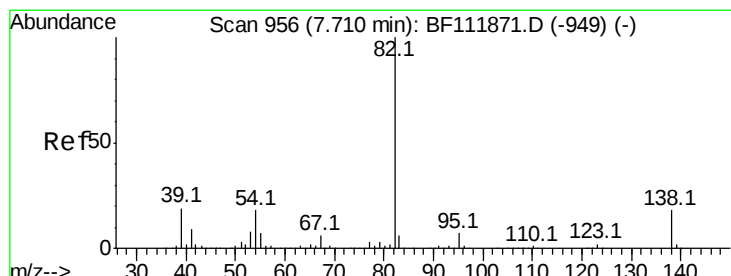
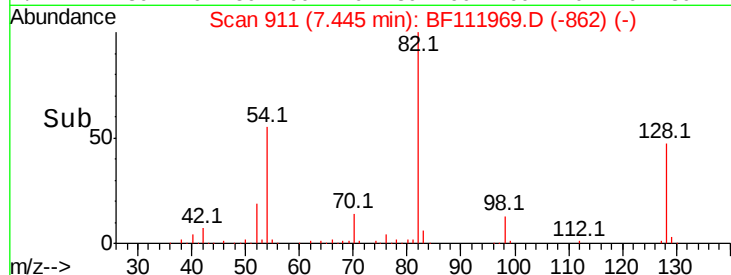
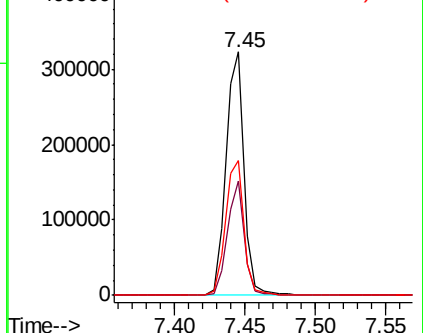
#23
Nitrobenzene-d5
Concen: 38.581 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	286517
Ion Ratio	100	Lower	Upper
128	47.1	35.7	53.5
54	55.4	45.8	68.8

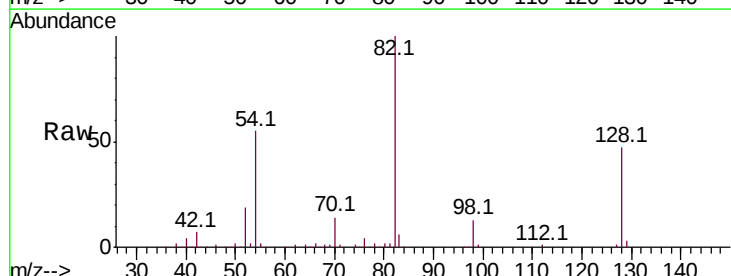


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

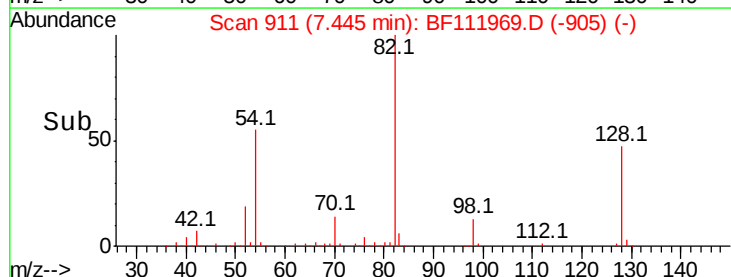
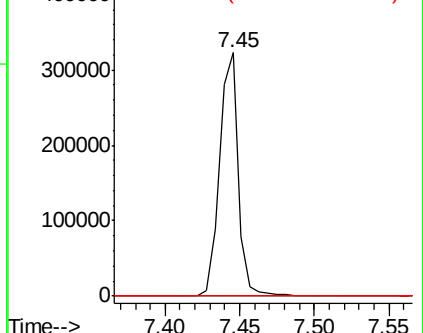


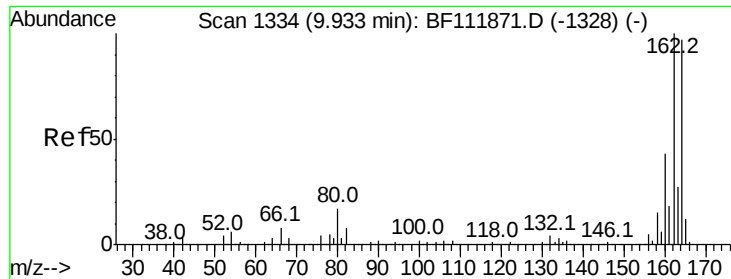
#25
Isophorone
Concen: 23.825 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Tgt Ion	82	Resp	286514
Ion Ratio	100	Lower	Upper
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

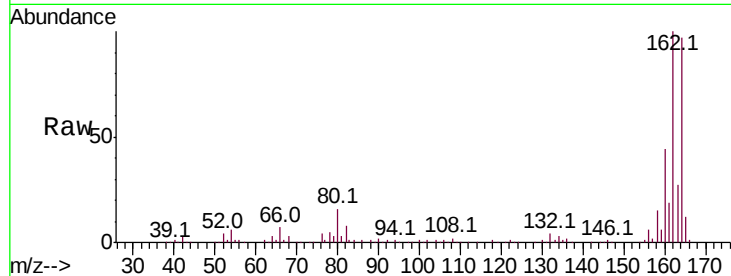




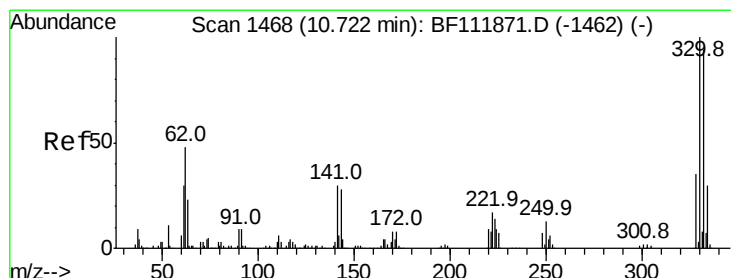
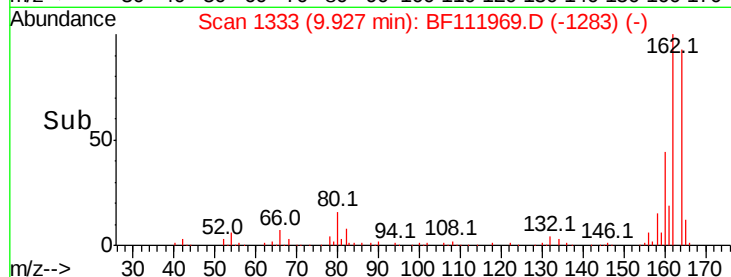
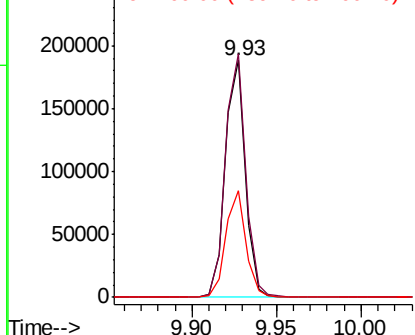
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 154872
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 45.1 35.5 53.3

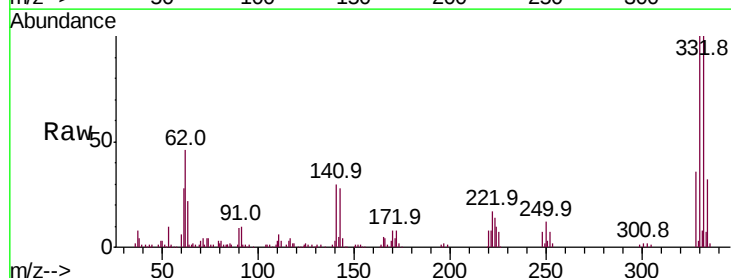


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

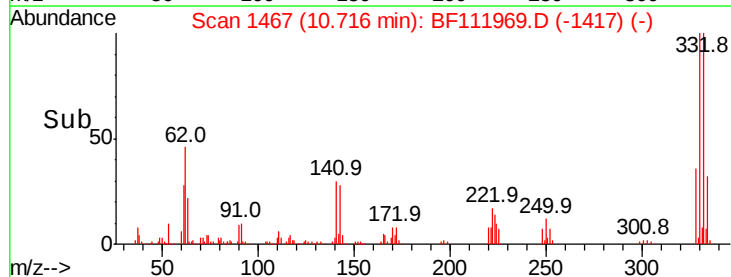
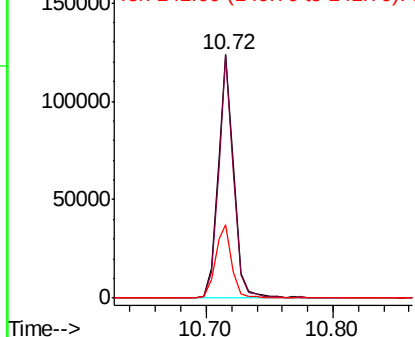


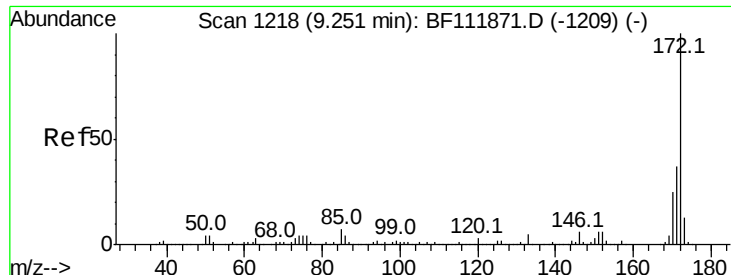
#42
2,4,6-Tribromophenol
Concen: 53.033 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Tgt Ion:330 Resp: 106830
Ion Ratio Lower Upper
330 100
332 95.8 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

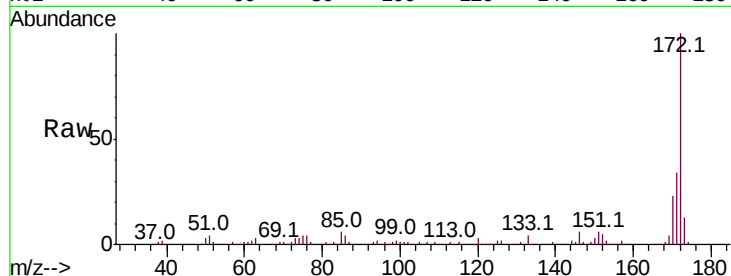




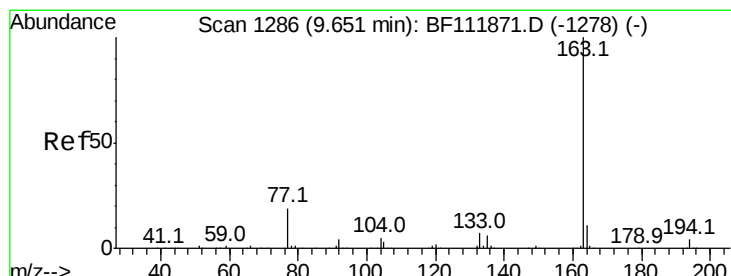
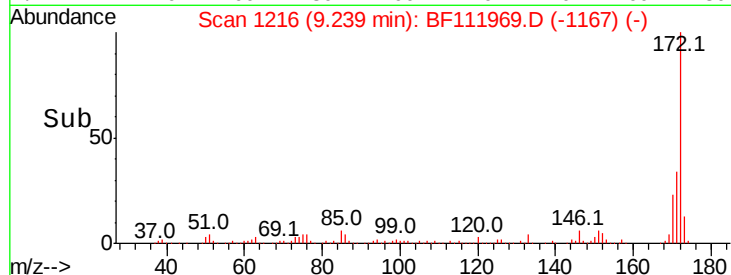
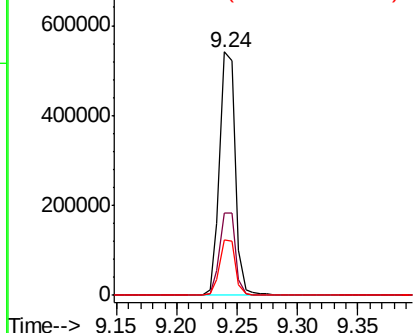
#45
2-Fluorobiphenyl
Concen: 45.714 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 485520
Ion Ratio Lower Upper
172 100
171 34.0 29.6 44.4
170 22.7 19.8 29.8

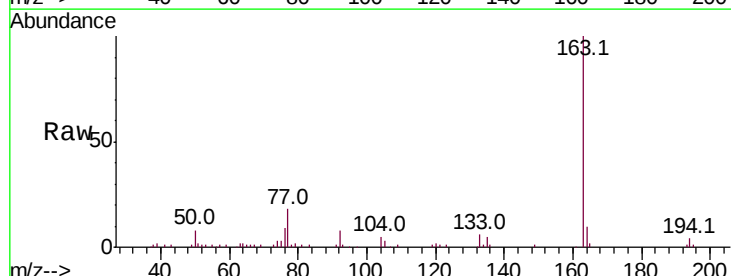


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

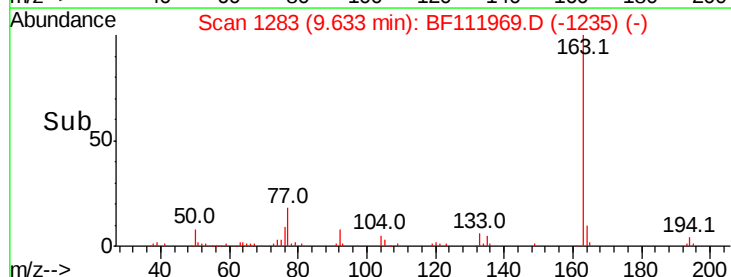
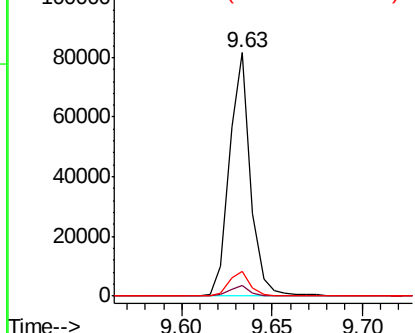


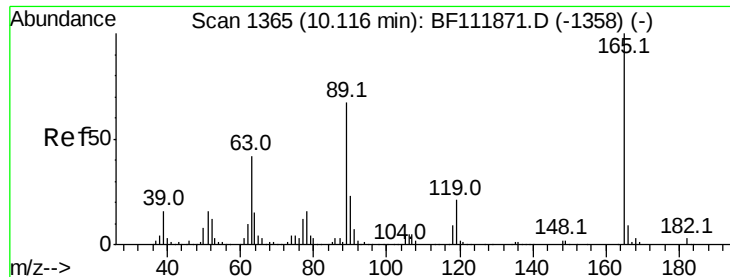
#50
Dimethylphthalate
Concen: 5.652 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Tgt Ion:163 Resp: 65754
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.2 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

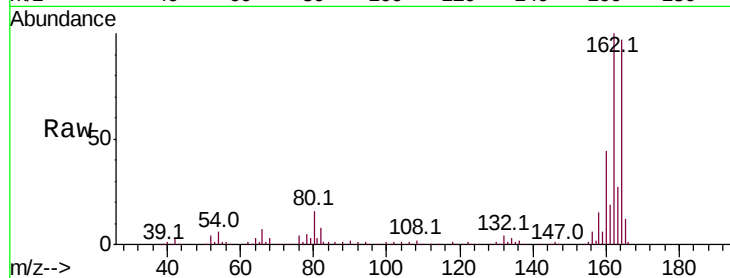




#57
 2,4-Dinitrotoluene
 Concen: 6.020 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF111969.D
 Acq: 10 Jan 2019 00:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.1	51.1#
89	2.4	53.5	80.3#
182	0.0	2.0	3.0#

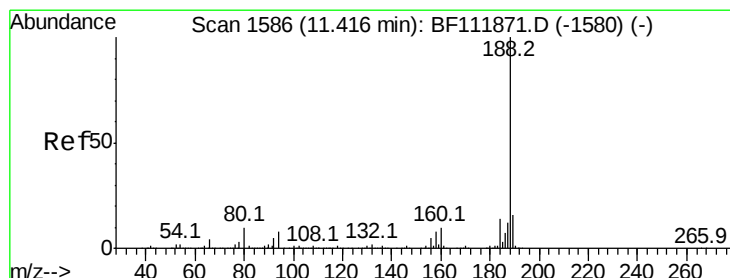
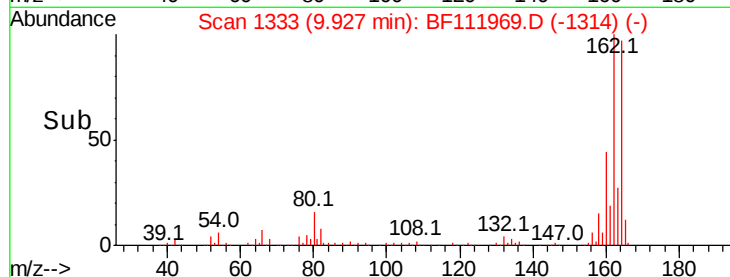
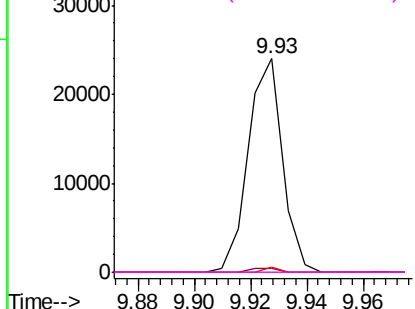


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

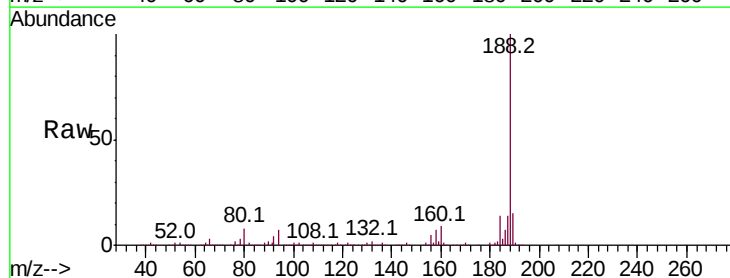
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111969.D
 Acq: 10 Jan 2019 00:15

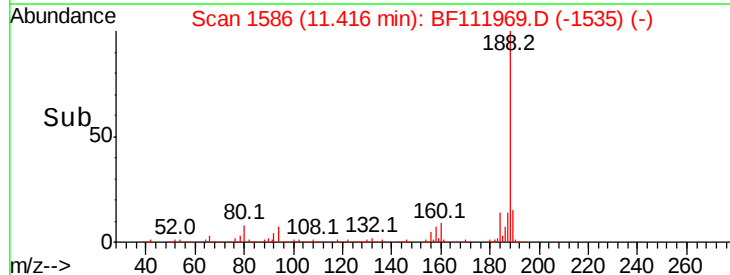
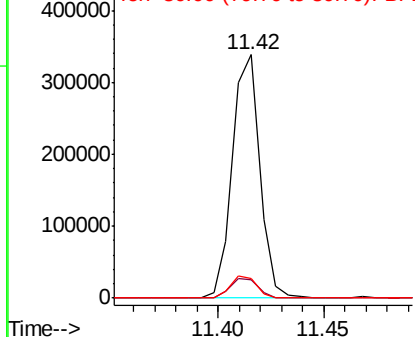
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.6	10.0
80	7.8	7.7	11.5

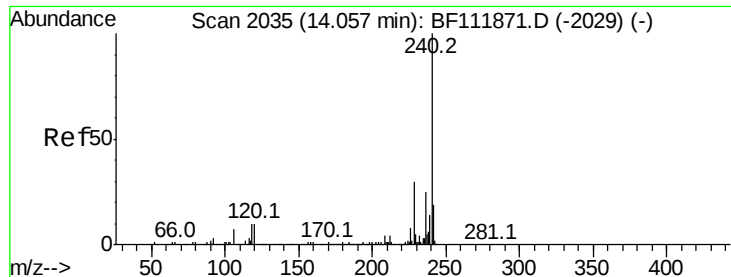


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

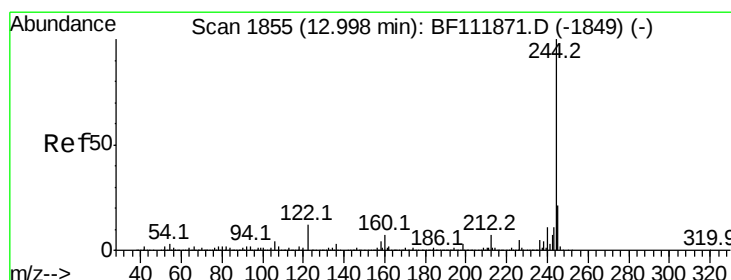
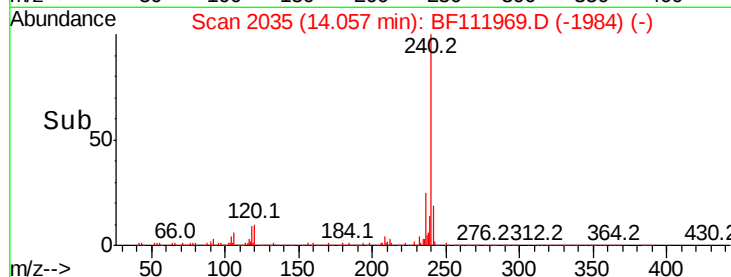
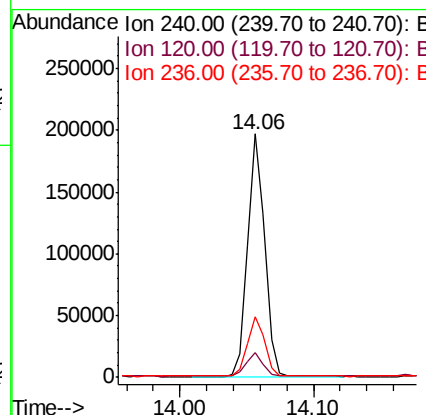
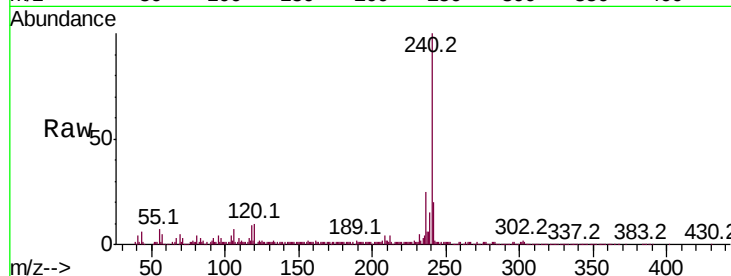




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

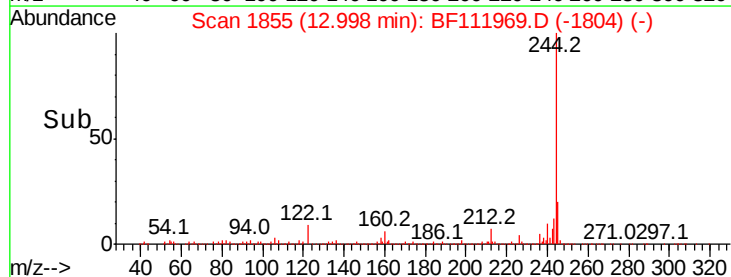
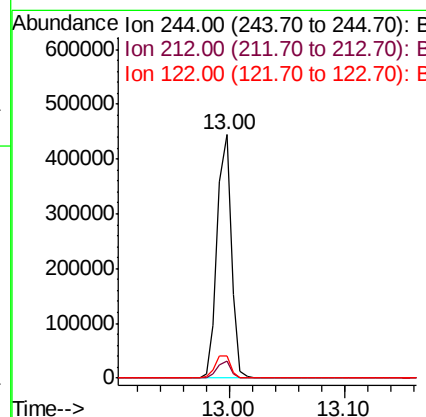
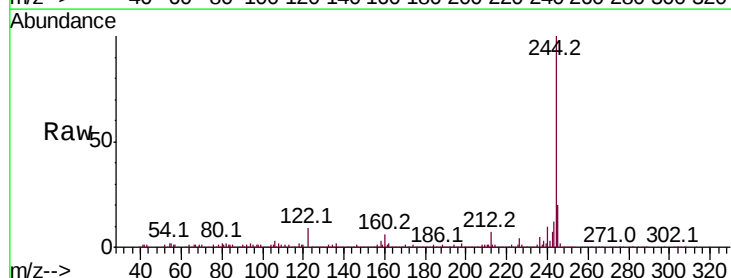
Instrument :
BNA_F
ClientSampled :

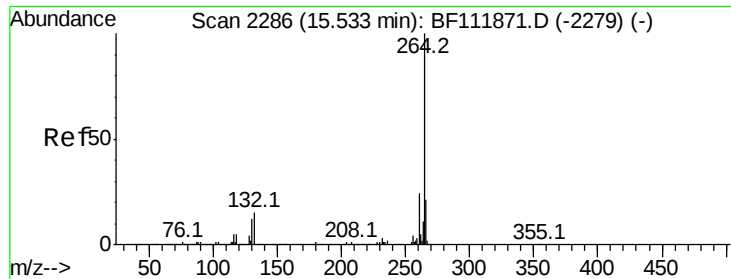
Tot Ion:240 Resp: 173669
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 25.1 20.2 30.4



#79
Terphenyl-d14
Concen: 41.830 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Tgt Ion:244 Resp: 382709
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 9.1 9.5 14.3#

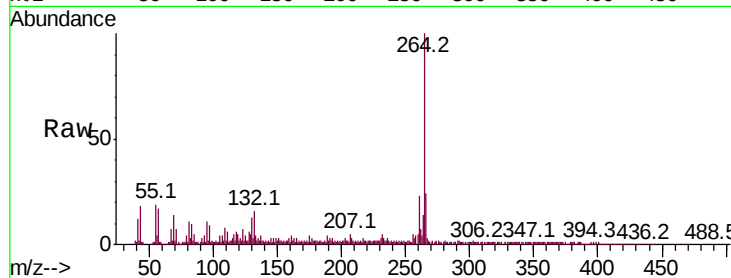




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF111969.D
Acq: 10 Jan 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.6	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

