

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111953.D
 Acq On : 9 Jan 2019 16:59
 Operator : JU/SJ
 Sample : K1006-11 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:52:46 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

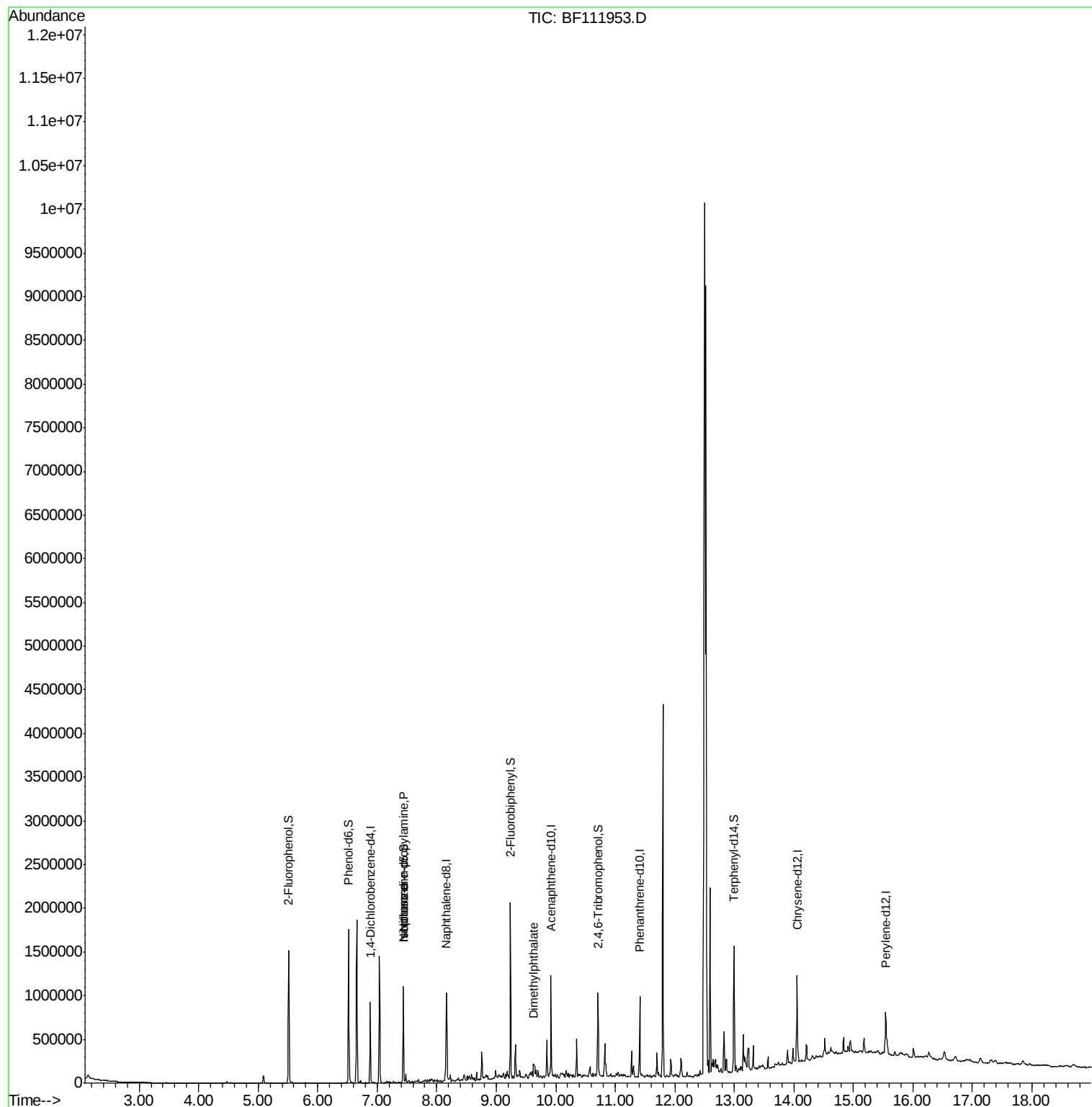
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	133293	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	465136	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	208851	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	328608	20.00	ng	0.00
76) Chrysene-d12	14.05	240	328132	20.00	ng	0.00
87) Perylene-d12	15.54	264	229640	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	391188	50.21	ng	-0.01
7) Phenol-d6	6.52	99	502818	50.07	ng	-0.01
23) Nitrobenzene-d5	7.44	82	300090	34.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	109570	40.33	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	547951	38.26	ng	-0.01
79) Terphenyl-d14	12.99	244	461642	26.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1025	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	41561	6.370 ng	#	80
25) Isophorone	7.44	82	297260	21.093 ng	#	65
50) Dimethylphthalate	9.63	163	33695	2.148 ng		99

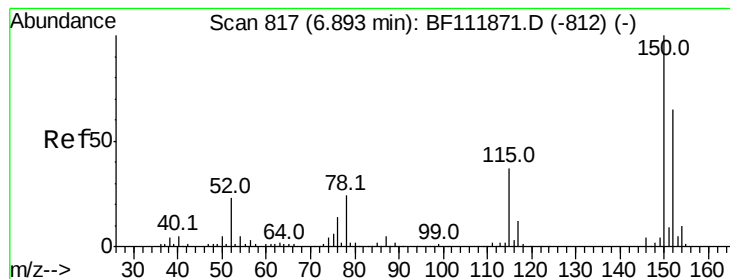
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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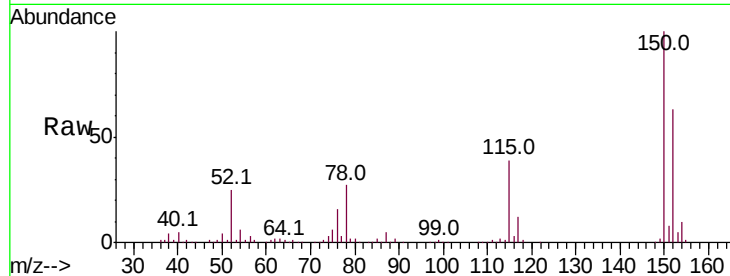


#1

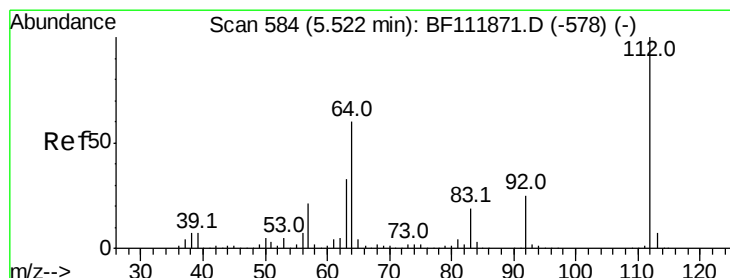
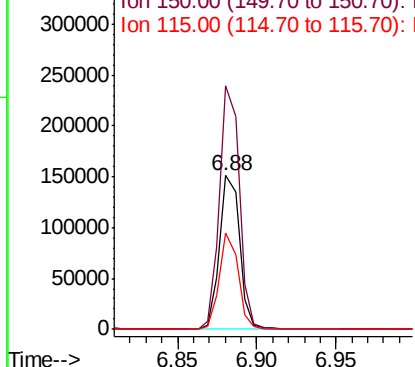
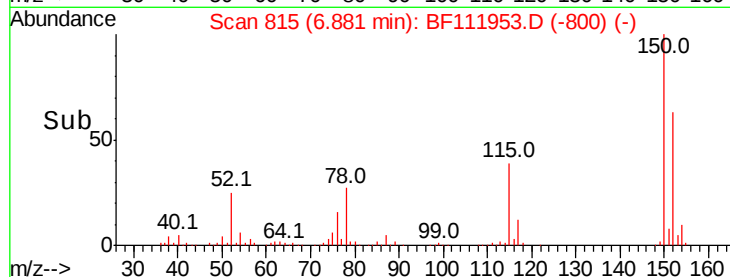
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF111953.D
 Acq: 9 Jan 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 133293
 Ion Ratio Lower Upper
 152 100
 150 158.7 122.7 184.1
 115 62.6 45.2 67.8



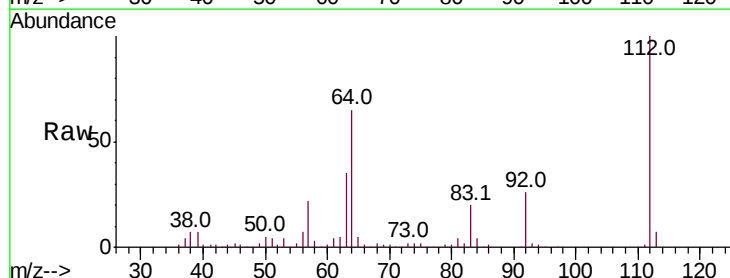
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



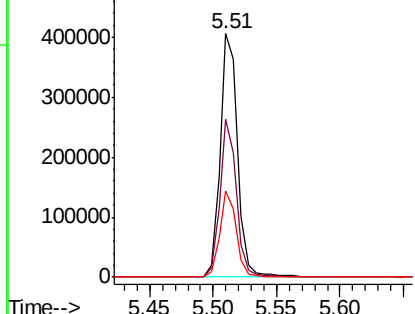
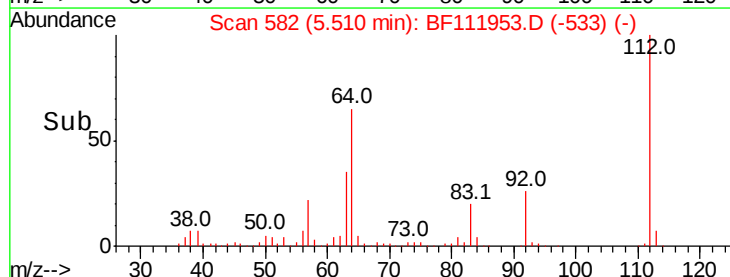
#5

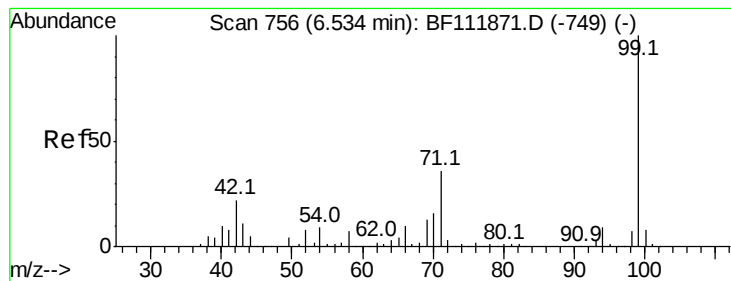
2-Fluorophenol
 Concen: 50.209 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF111953.D
 Acq: 9 Jan 2019 16:59

Tgt Ion:112 Resp: 391188
 Ion Ratio Lower Upper
 112 100
 64 65.0 48.3 72.5
 63 35.3 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: 50.072 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111953.D

Acq: 9 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

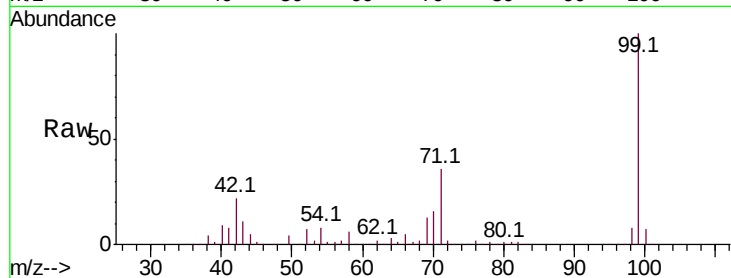
Tot Ion: 99 Resp: 502818

Ion Ratio Lower Upper

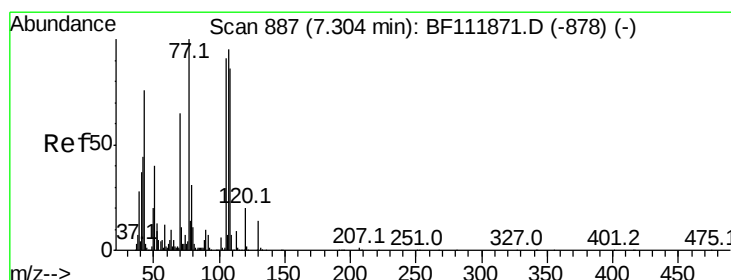
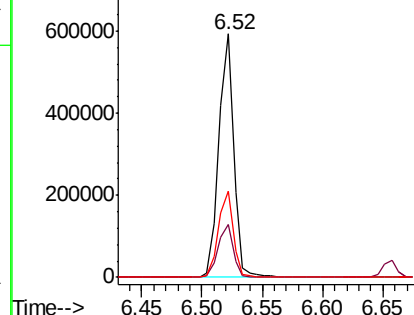
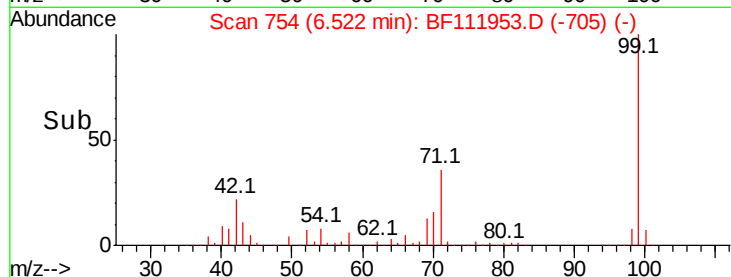
99 100

42 21.5 17.9 26.9

71 35.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 6.370 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF111953.D

Acq: 9 Jan 2019 16:59

Tgt Ion: 70 Resp: 41561

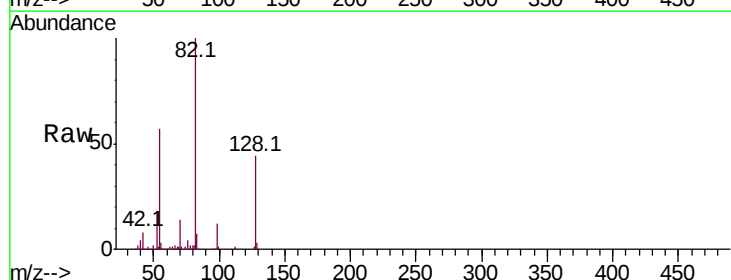
Ion Ratio Lower Upper

70 100

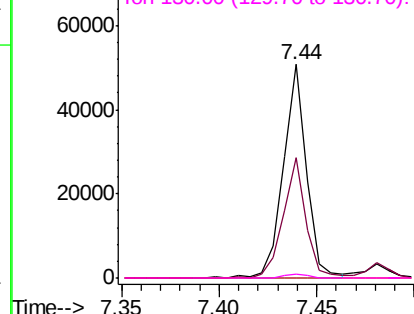
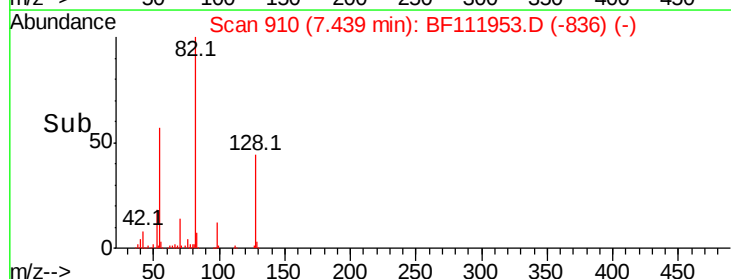
42 56.6 53.6 80.4

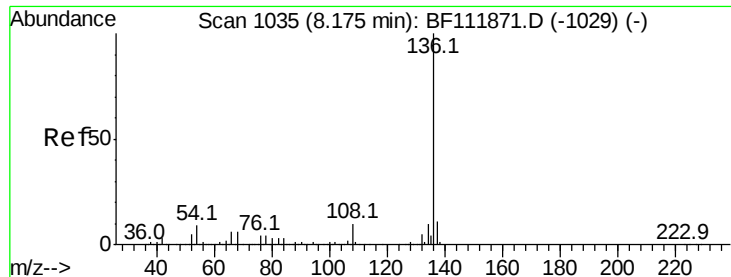
101 0.0 7.3 10.9#

130 1.5 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

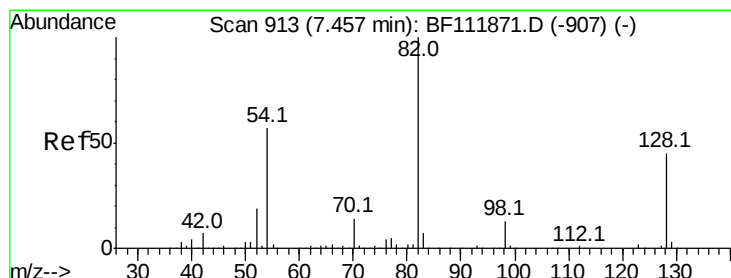
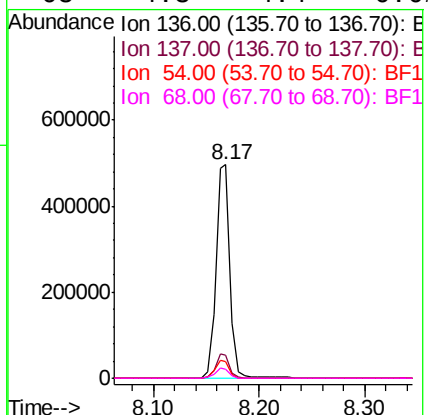
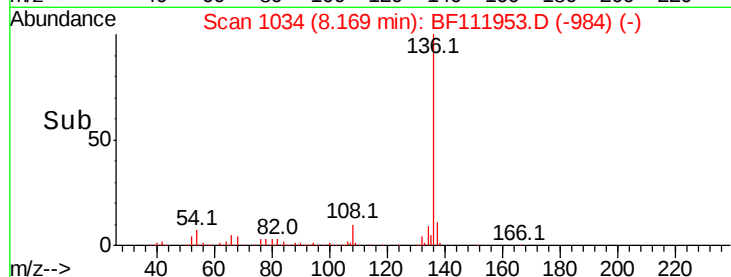
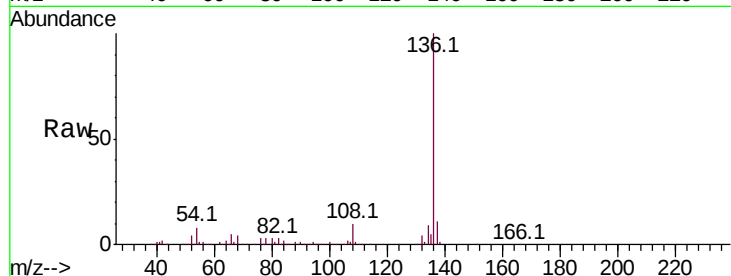




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111953.D
Acq: 9 Jan 2019 16:59

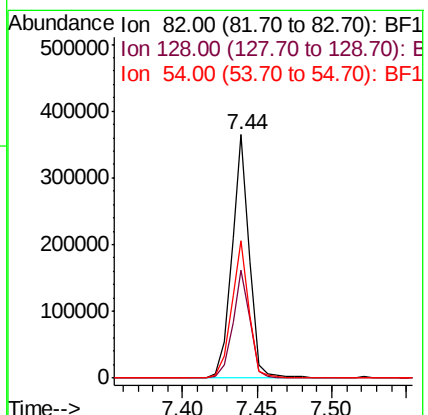
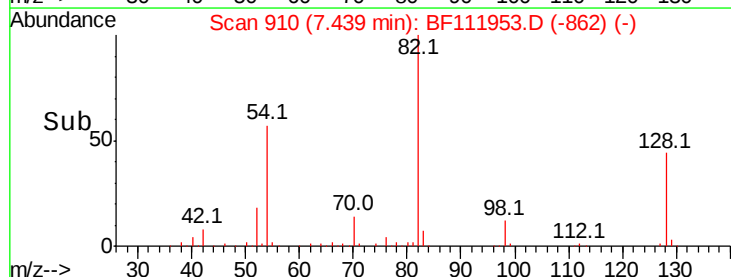
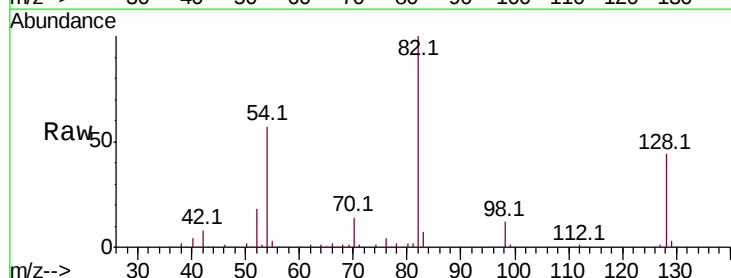
Instrument :
BNA_F
ClientSampleId :

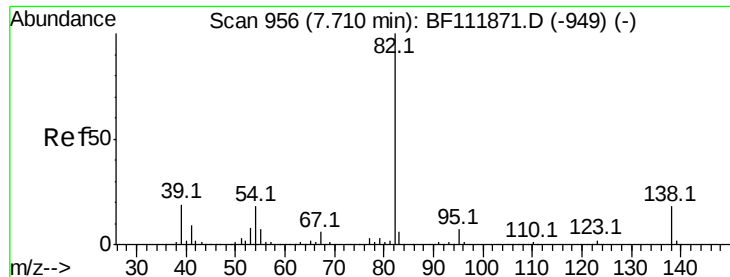
Tot Ion:136	Resp:	465136
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	7.5	7.2 10.8
68	4.3	4.4 6.6#



#23
Nitrobenzene-d5
Concen: 34.481 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111953.D
Acq: 9 Jan 2019 16:59

Tgt Ion: 82	Resp:	300090
Ion Ratio	Lower	Upper
82	100	
128	44.1	35.7 53.5
54	56.7	45.8 68.8





#25

Isophorone

Concen: 21.093 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF111953.D

Acq: 9 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

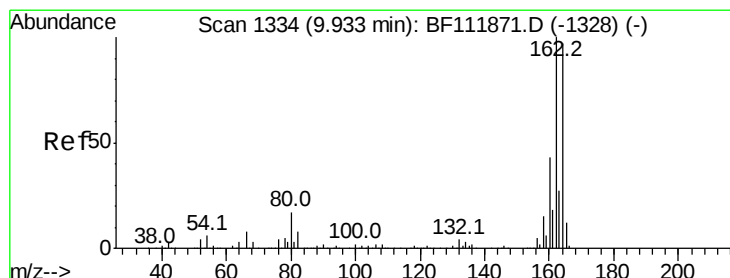
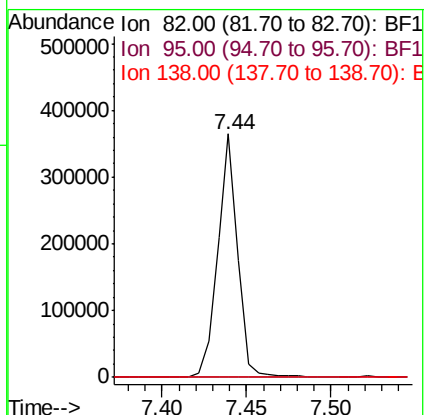
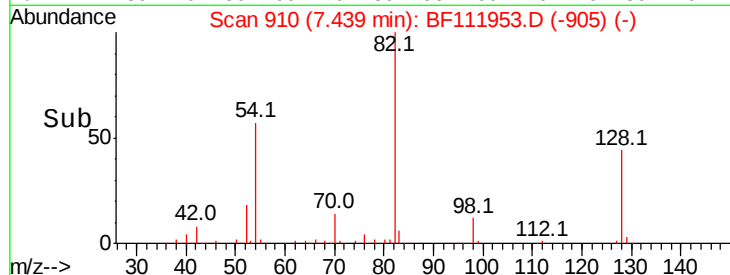
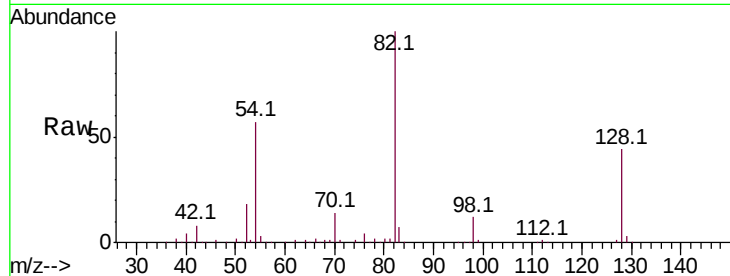
Tot Ion: 82 Resp: 297260

Ion Ratio Lower Upper

82 100

95 0.1 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: BF111953.D

Acq: 9 Jan 2019 16:59

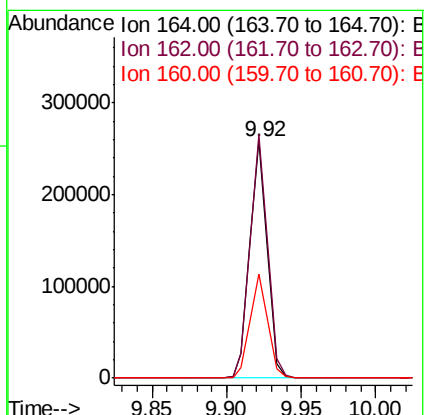
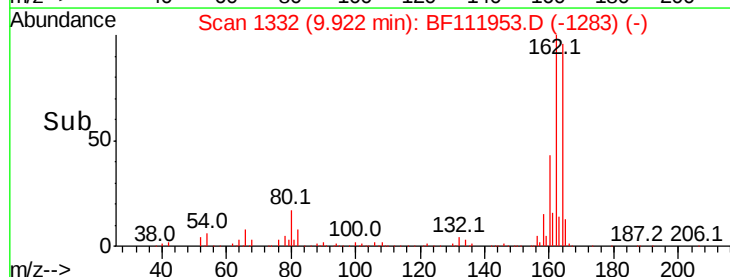
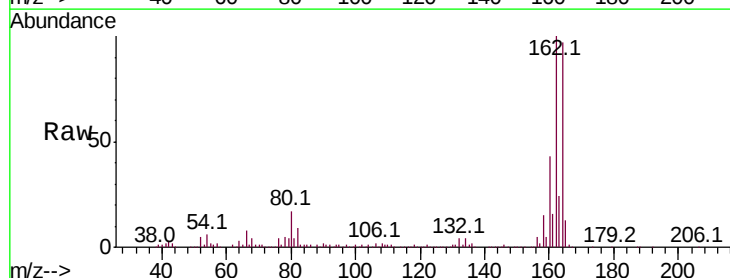
Tgt Ion:164 Resp: 208851

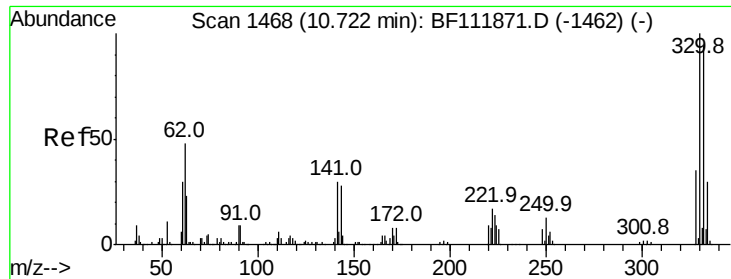
Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

160 44.2 35.5 53.3

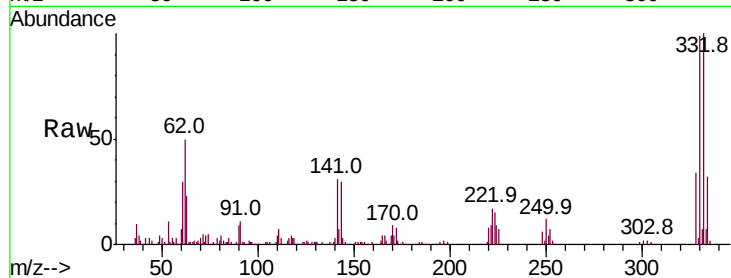




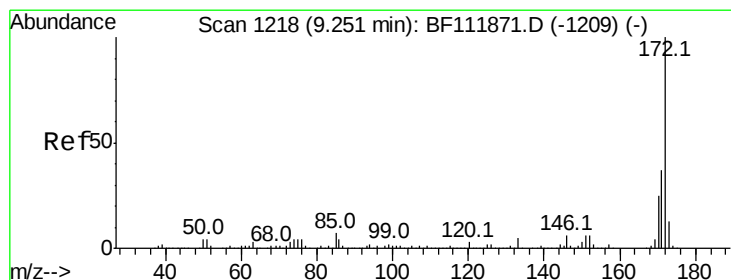
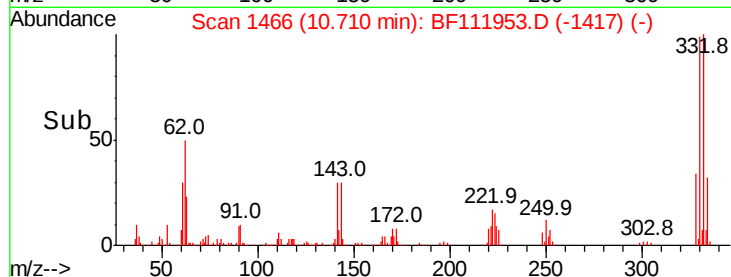
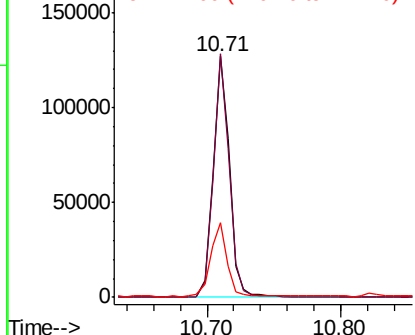
#42
 2,4,6-Tribromophenol
 Concen: 40.335 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111953.D
 Acq: 9 Jan 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.9	115.3
141	30.7	23.7	35.5

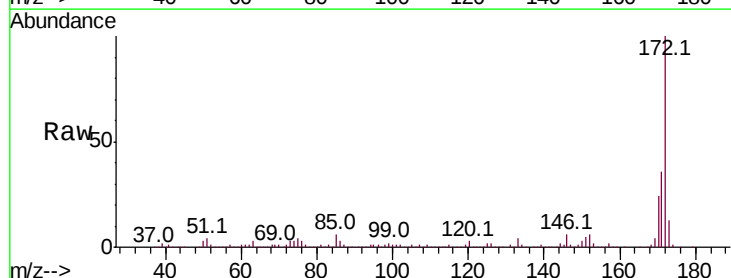


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

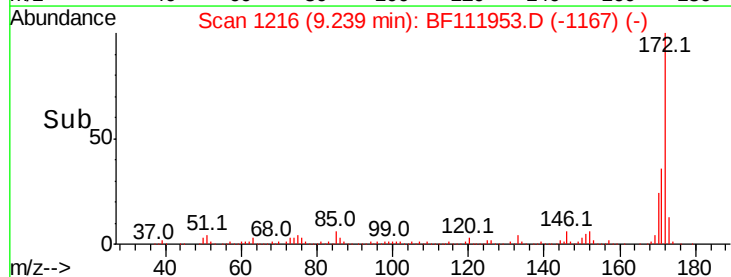
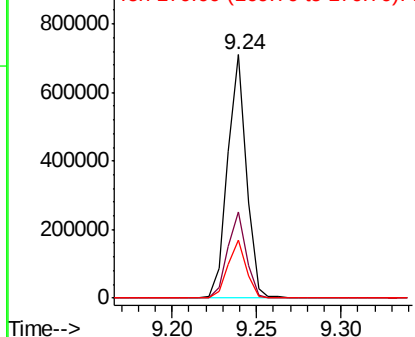


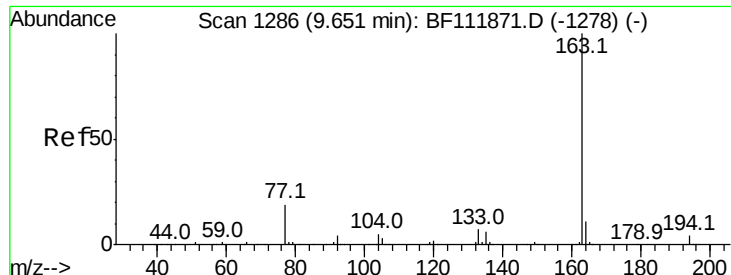
#45
 2-Fluorobiphenyl
 Concen: 38.258 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111953.D
 Acq: 9 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.6	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: 2.148 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111953.D

Acq: 9 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

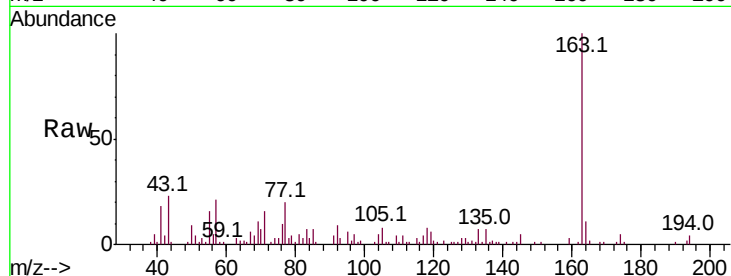
Tot Ion:163 Resp: 33695

Ion Ratio Lower Upper

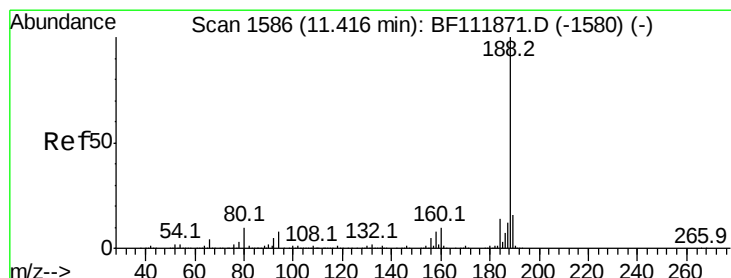
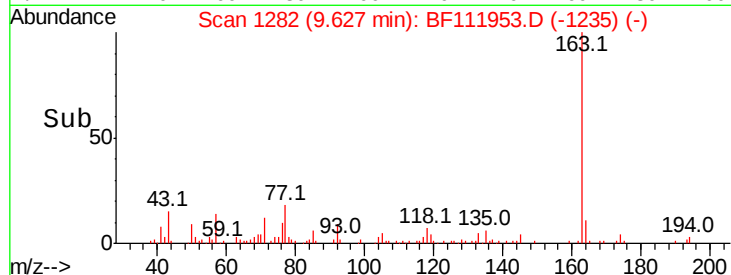
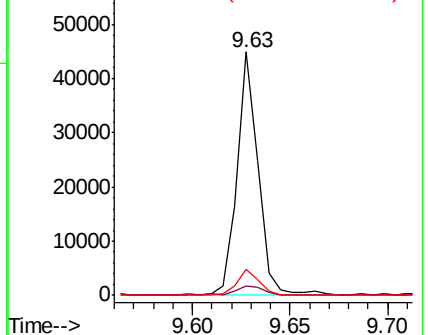
163 100

194 3.8 3.4 5.2

164 10.7 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111953.D

Acq: 9 Jan 2019 16:59

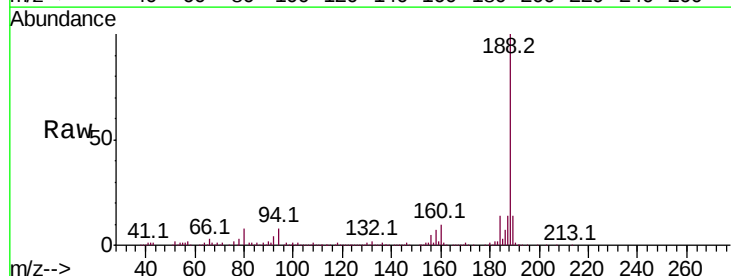
Tgt Ion:188 Resp: 328608

Ion Ratio Lower Upper

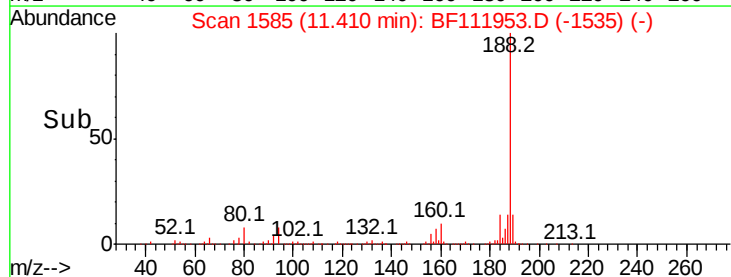
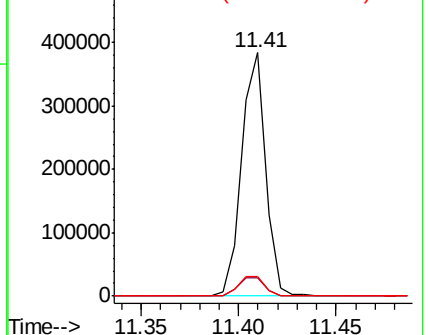
188 100

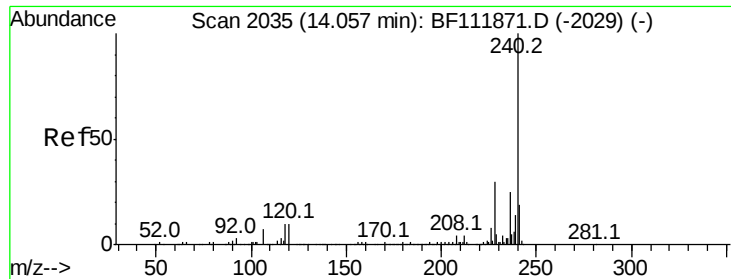
94 7.8 6.6 10.0

80 8.1 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

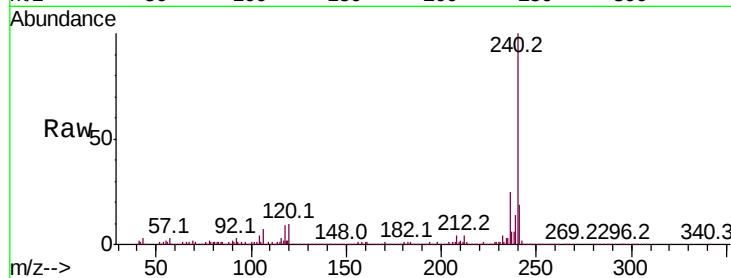




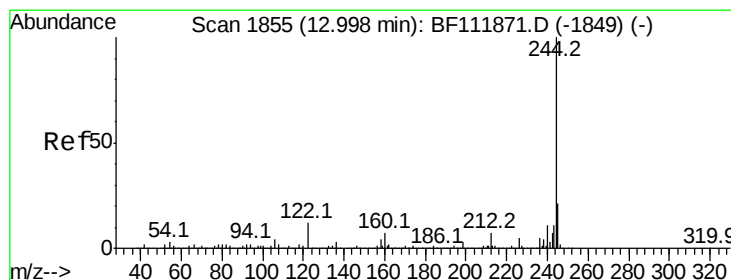
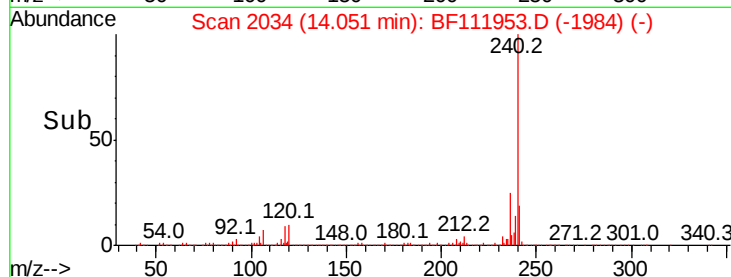
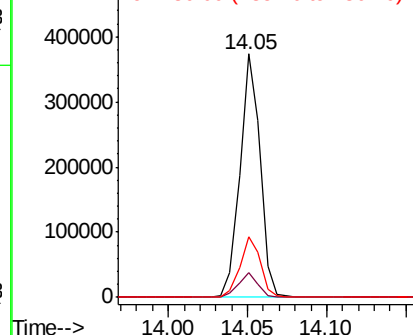
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111953.D
 Acq: 9 Jan 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	25.0	20.2	30.4

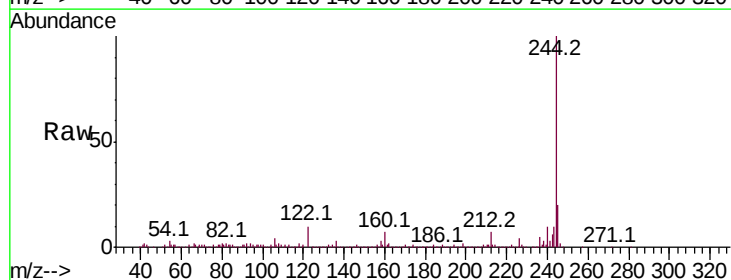


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

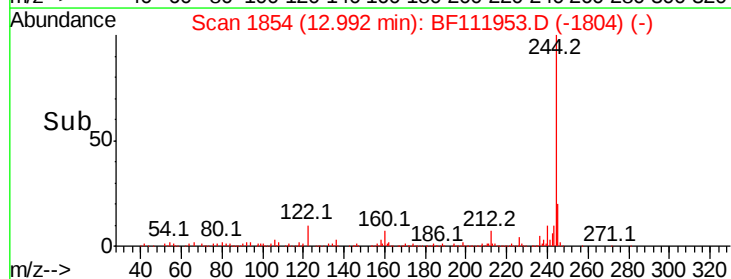
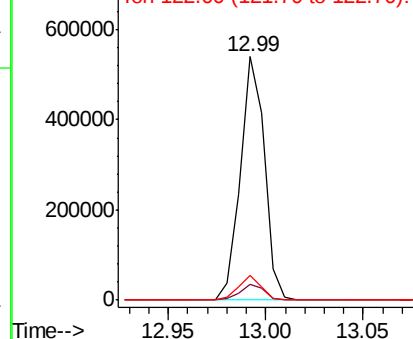


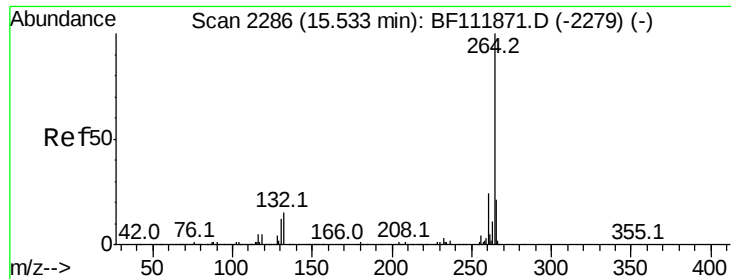
#79
 Terphenyl-d14
 Concen: 26.706 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111953.D
 Acq: 9 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.4	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

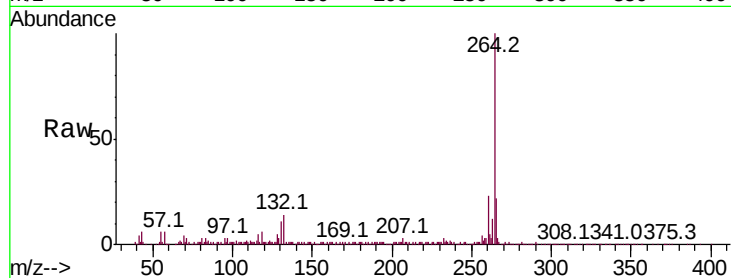




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111953.D
Acq: 9 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	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

