

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113172.D
 Acq On : 20 Mar 2019 15:42
 Operator : JU/SJ
 Sample : K1984-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:21:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

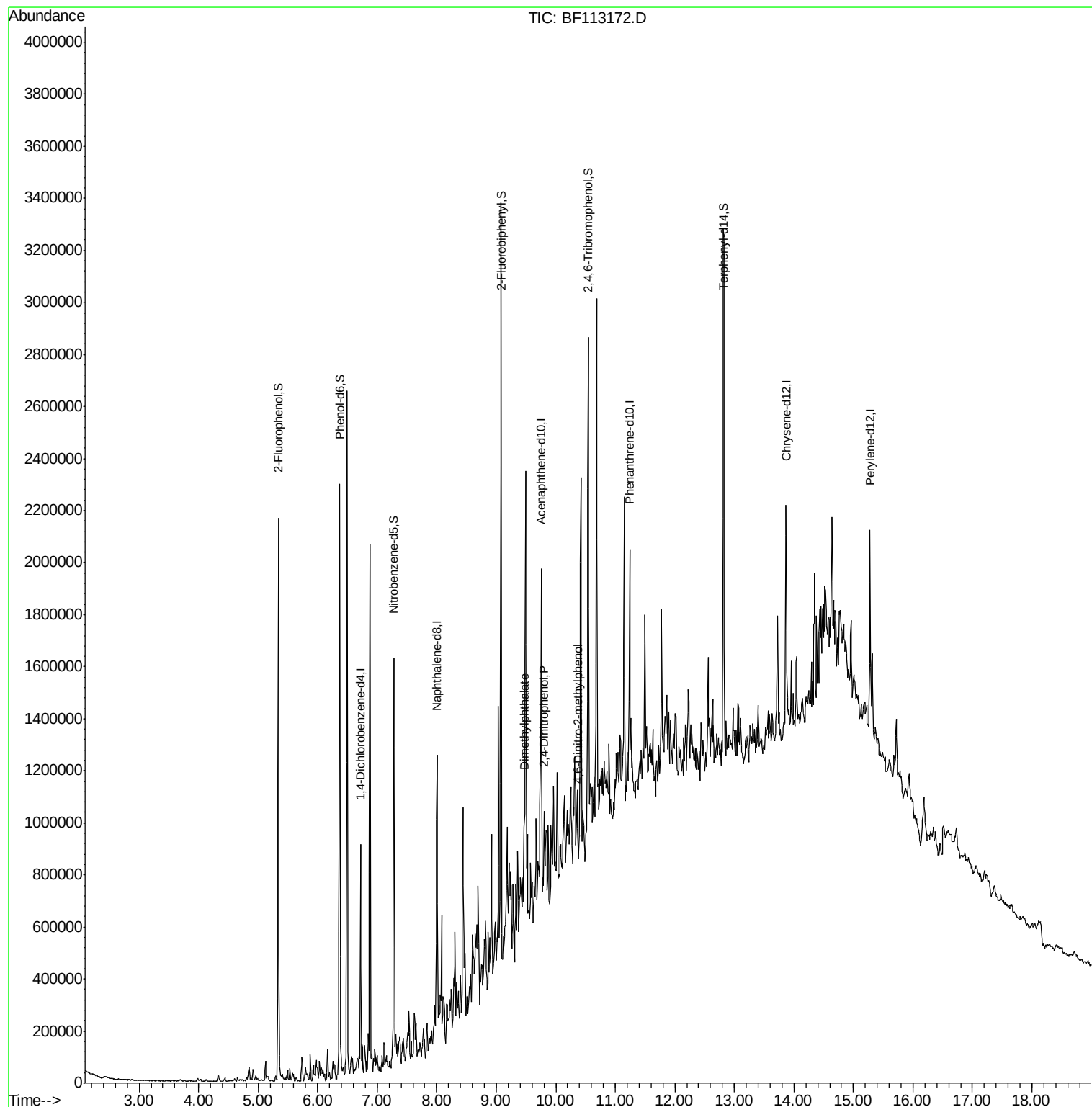
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117186	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	442722	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	212288	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	411532	20.00	ng	0.00
76) Chrysene-d12	13.87	240	325858	20.00	ng	0.00
87) Perylene-d12	15.28	264	384065	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	668815	88.78	ng	0.01
7) Phenol-d6	6.37	99	889975	94.05	ng	0.00
23) Nitrobenzene-d5	7.28	82	542053	73.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	270214	119.90	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	887615	65.14	ng	0.00
79) Terphenyl-d14	12.82	244	792845	47.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	108890	6.956	ng	# 96
54) 2,4-Dinitrophenol	9.80	184	335	6.684	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.37	198	245	4.744	ng	# 1

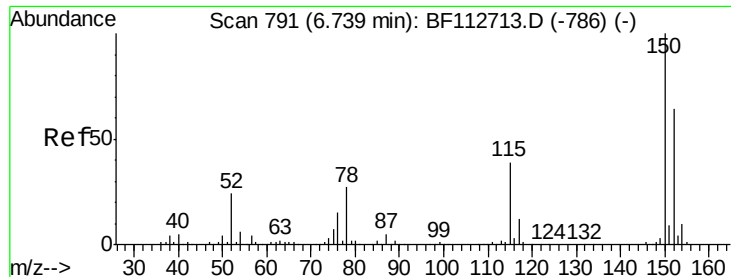
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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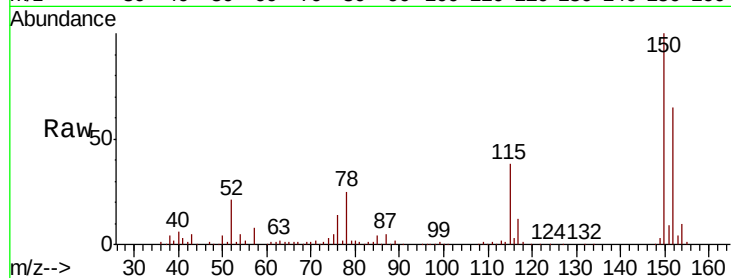


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113172.D
Acq: 20 Mar 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.0	184.6
115	58.6	45.9	68.9

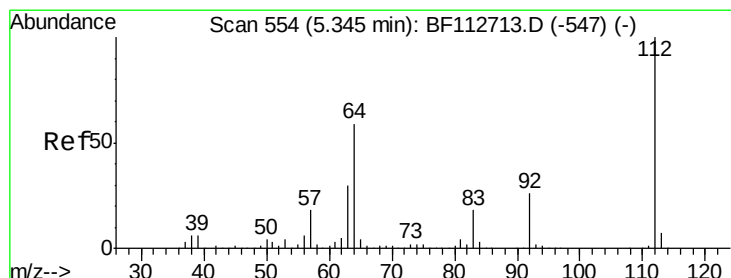
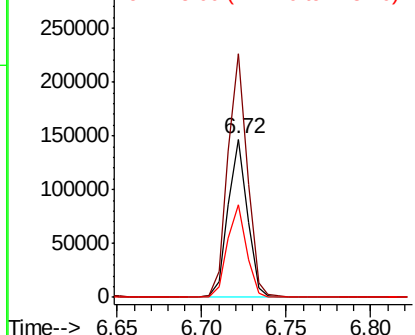
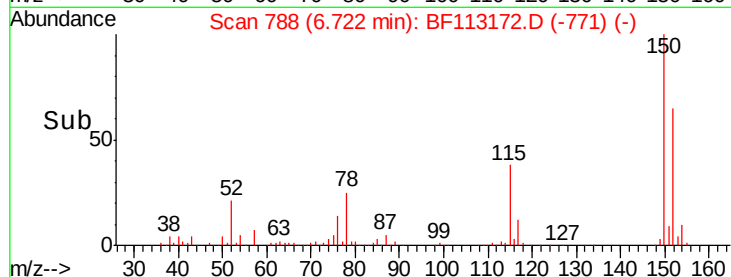


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

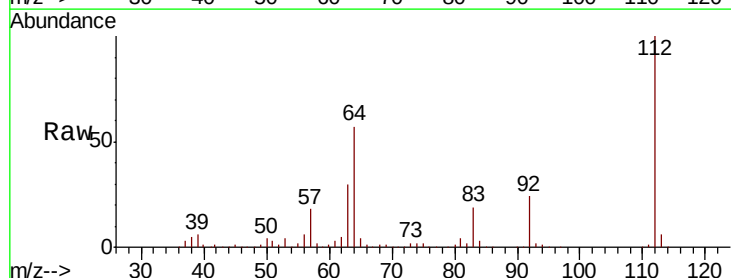
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.779 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF113172.D
Acq: 20 Mar 2019 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	49.3	73.9
63	29.7	25.4	38.2

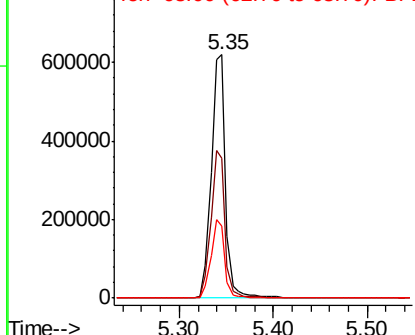
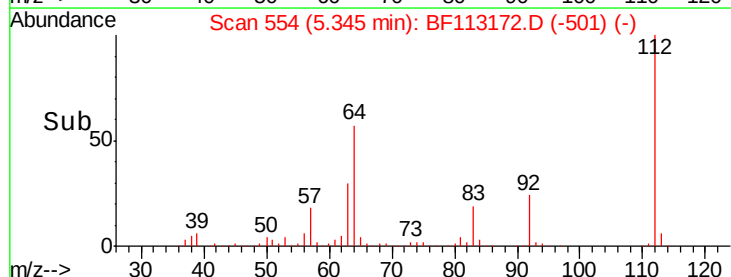


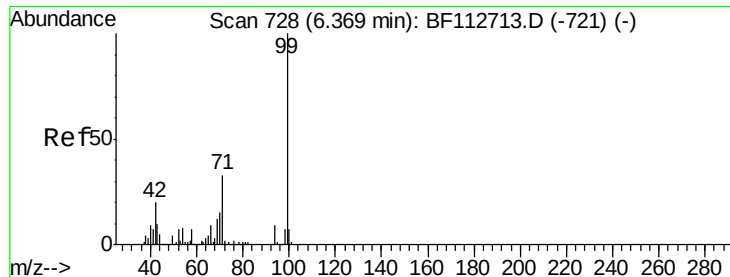
Abundance

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: 94.045 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113172.D

Acq: 20 Mar 2019 15:42

Instrument :

BNA_F

ClientSampled :

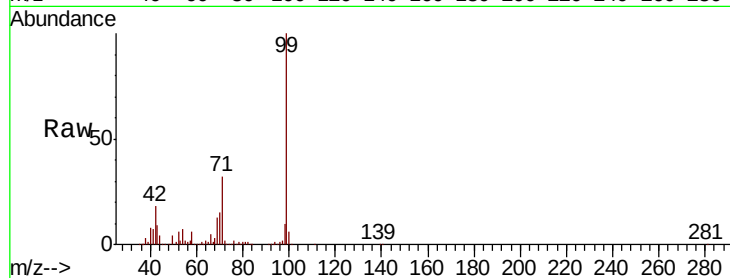
Tot Ion: 99 Resp: 889975

Ion Ratio Lower Upper

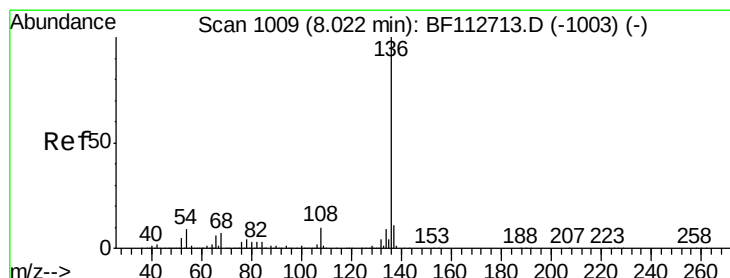
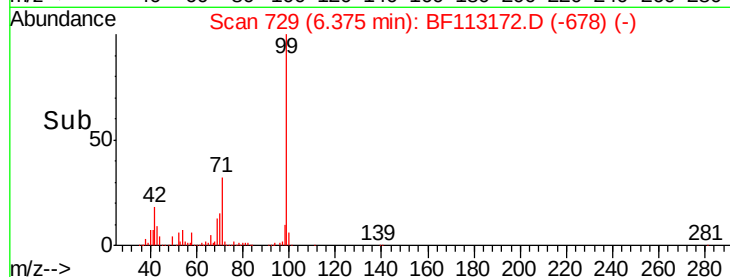
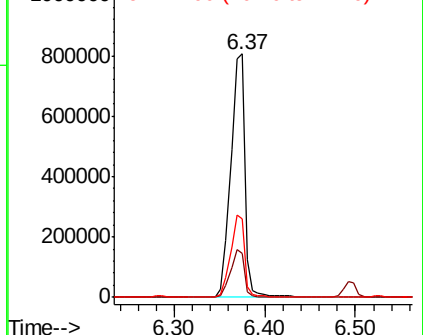
99 100

42 18.0 15.2 22.8

71 32.3 25.7 38.5



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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113172.D

Acq: 20 Mar 2019 15:42

Tgt Ion: 136 Resp: 442722

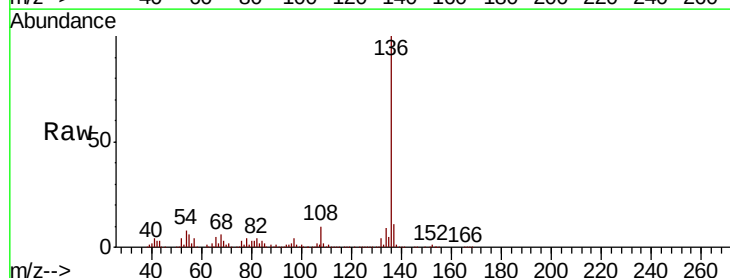
Ion Ratio Lower Upper

136 100

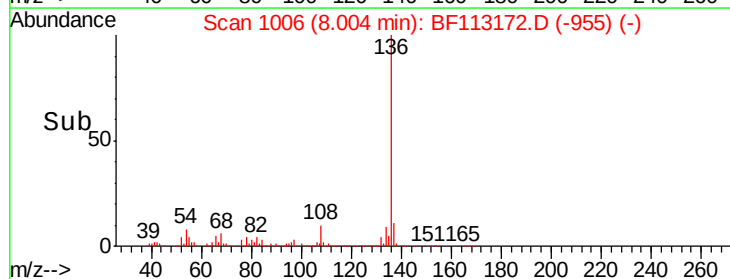
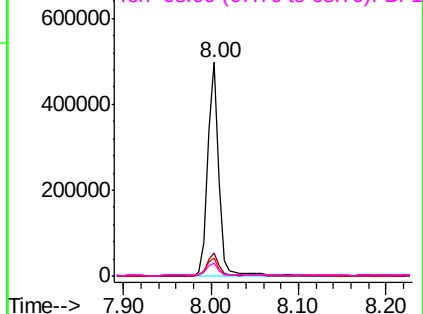
137 10.7 8.9 13.3

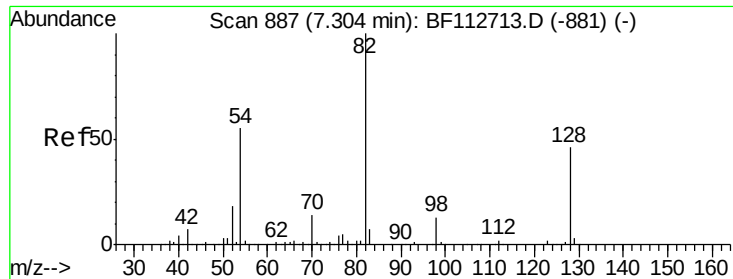
54 8.1 7.0 10.6

68 5.8 5.0 7.4



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

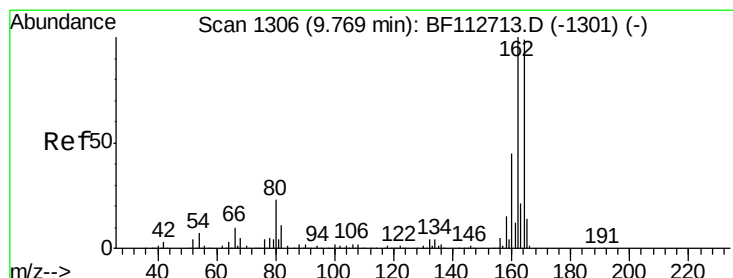
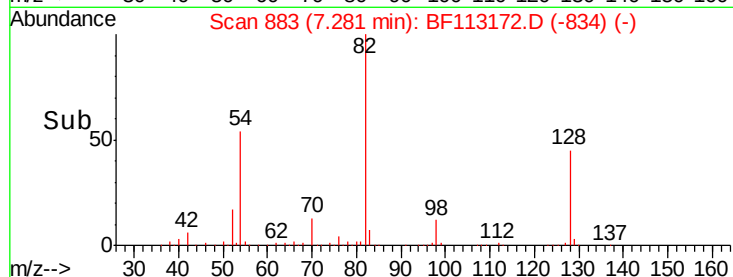
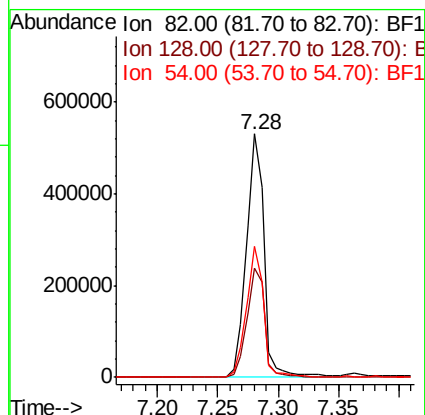
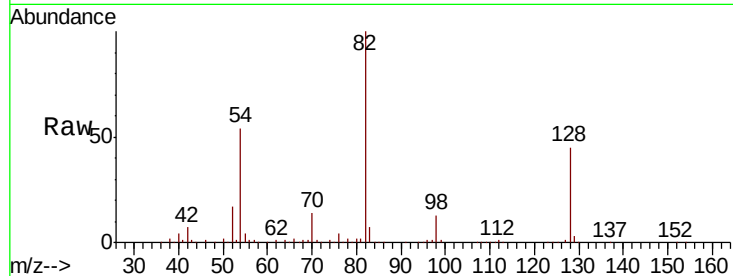




#23
Nitrobenzene-d5
Concen: 73.263 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113172.D
Acq: 20 Mar 2019 15:42

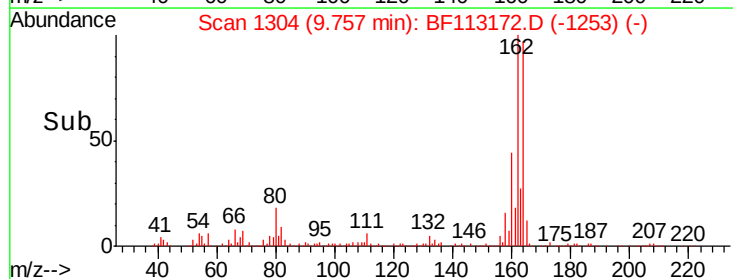
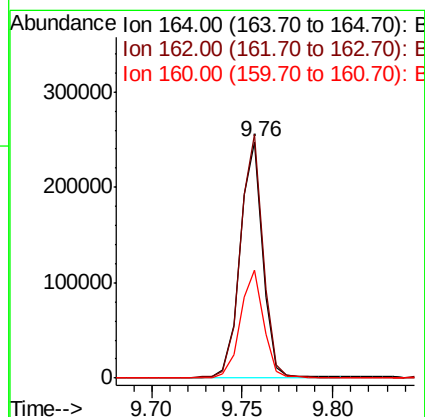
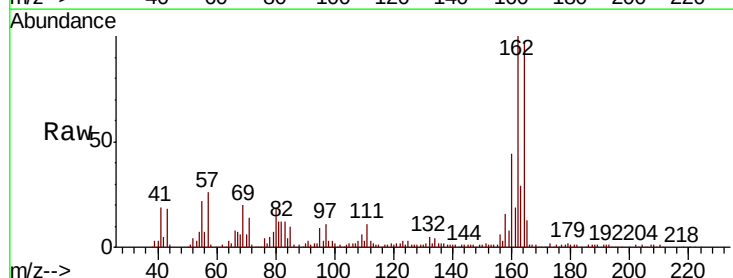
Instrument :
BNA_F
ClientSampleId :

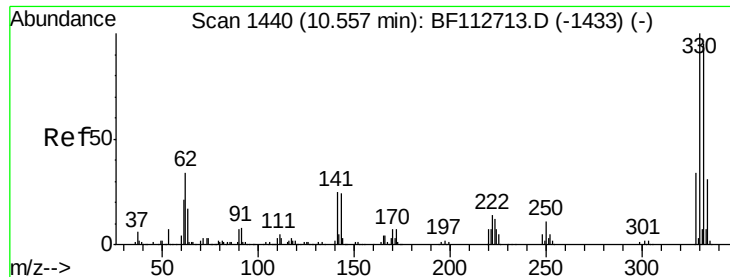
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.9	56.9
54	53.5	41.2	61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113172.D
Acq: 20 Mar 2019 15:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.8	121.2
160	45.8	36.2	54.2

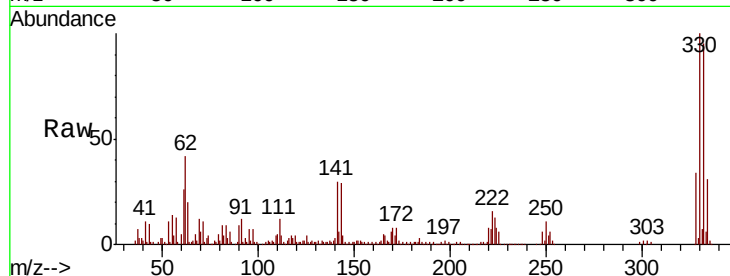




#42
 2,4,6-Tribromophenol
 Concen: 119.898 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113172.D
 Acq: 20 Mar 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.3	114.5
141	28.4	22.3	33.5

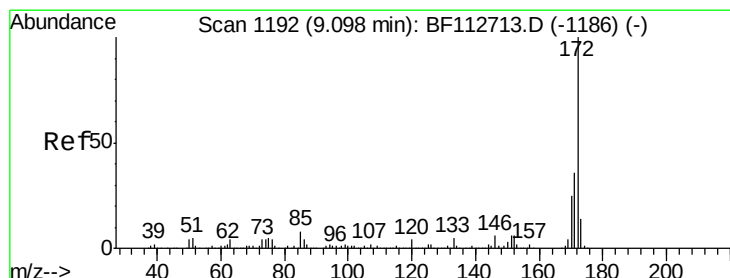
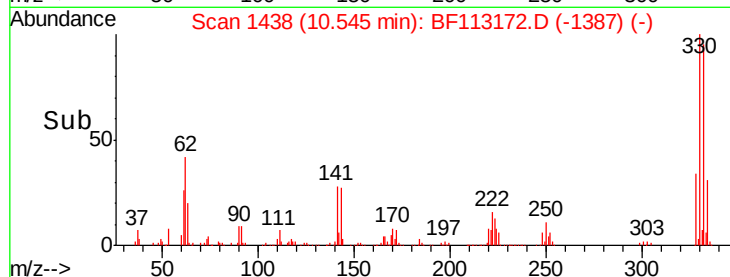
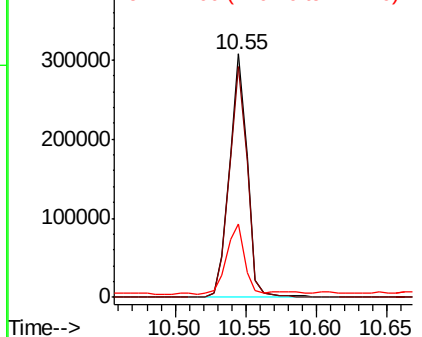


Abundance

Ion 329.80 (329.50 to 330.50): E

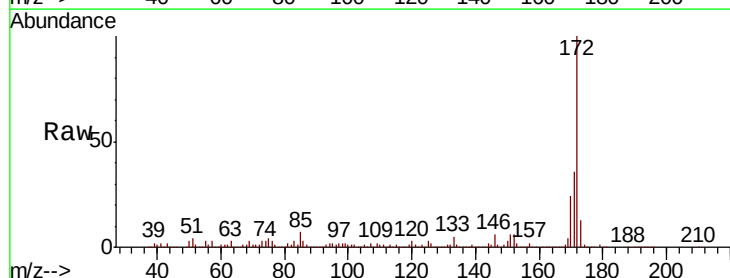
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.136 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113172.D
 Acq: 20 Mar 2019 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.1	20.1	30.1

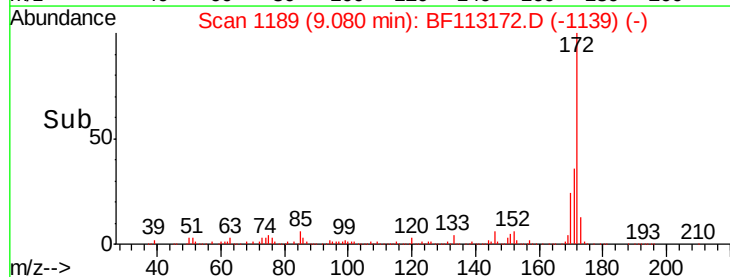
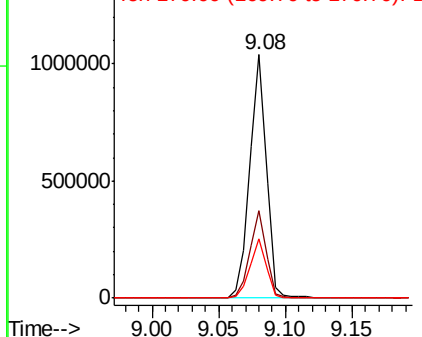


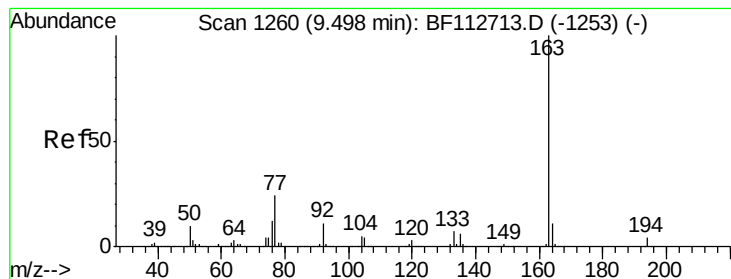
Abundance

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: 6.956 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF113172.D

Acq: 20 Mar 2019 15:42

Instrument :

BNA_F

ClientSampleId :

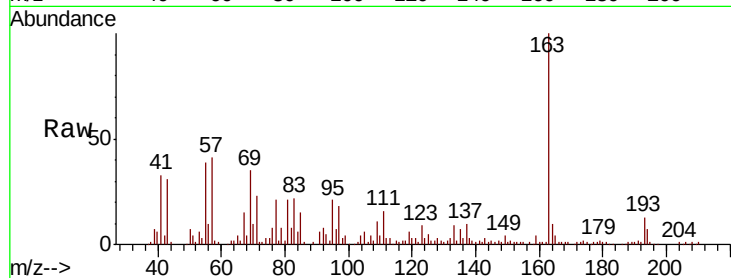
Tot Ion:163 Resp: 108890

Ion Ratio Lower Upper

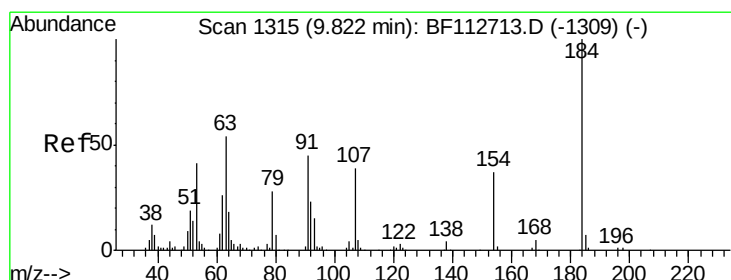
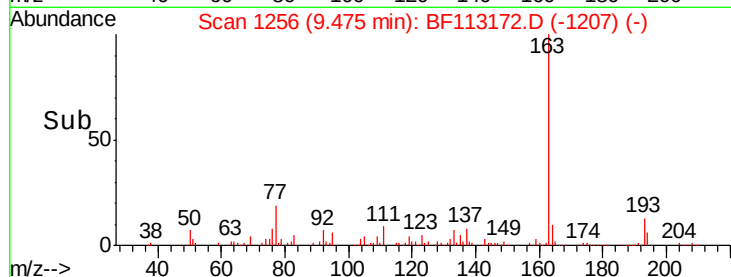
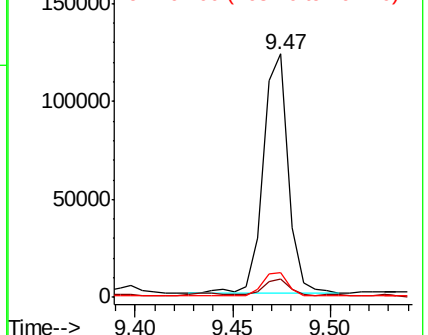
163 100

194 7.4 3.3 4.9#

164 10.2 8.6 12.8



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



#54

2,4-Dinitrophenol

Concen: 6.684 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF113172.D

Acq: 20 Mar 2019 15:42

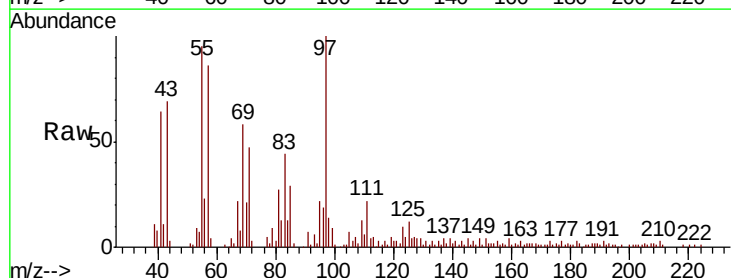
Tgt Ion:184 Resp: 335

Ion Ratio Lower Upper

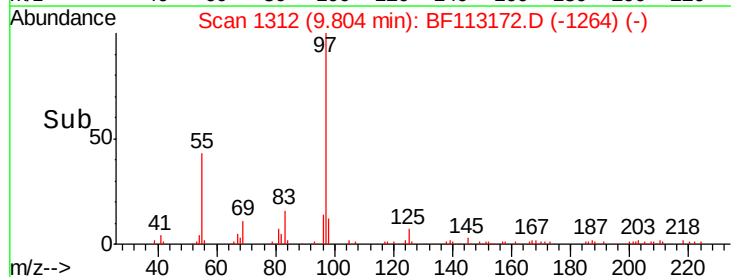
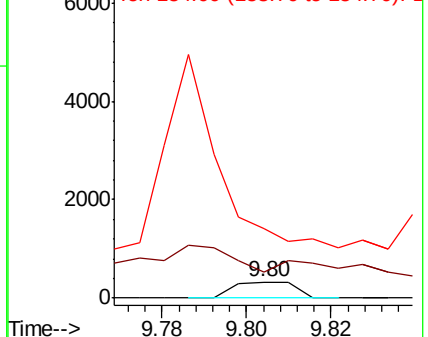
184 100

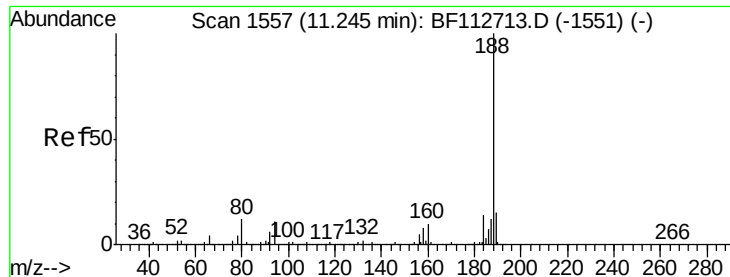
63 166.3 52.1 78.1#

154 436.8 46.2 69.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF113172.D

Acq: 20 Mar 2019 15:42

Instrument :

BNA_F

ClientSampleId :

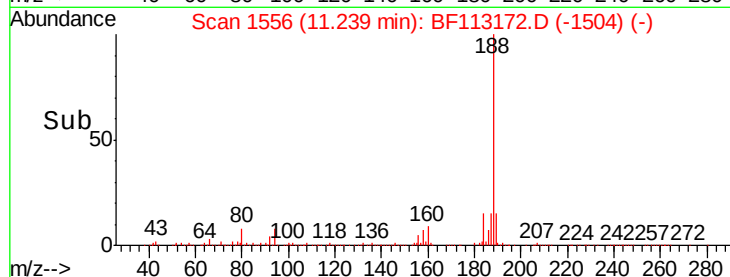
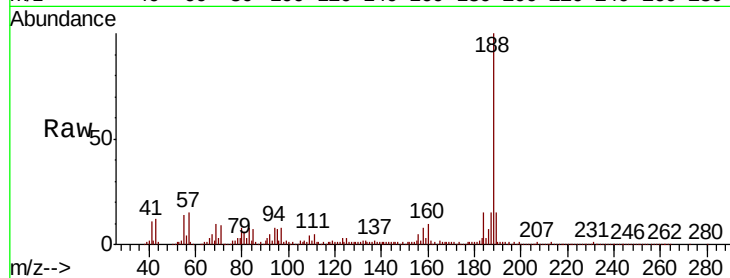
Tot Ion:188 Resp: 411532

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

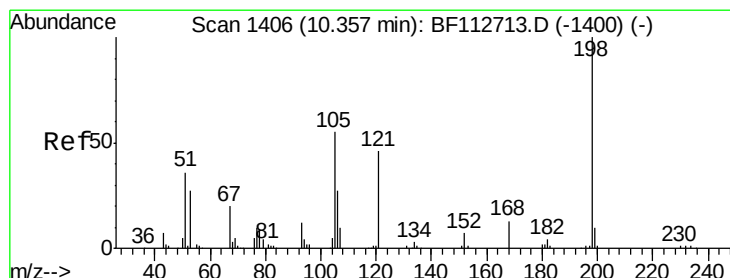
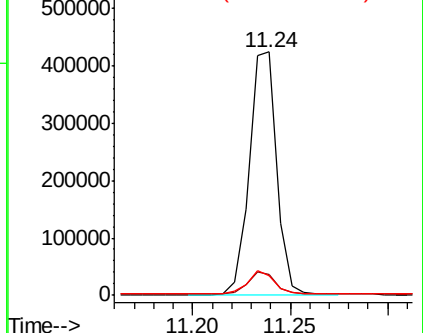
80 8.3 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.744 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF113172.D

Acq: 20 Mar 2019 15:42

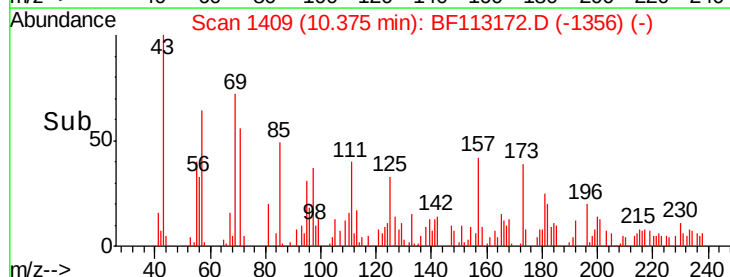
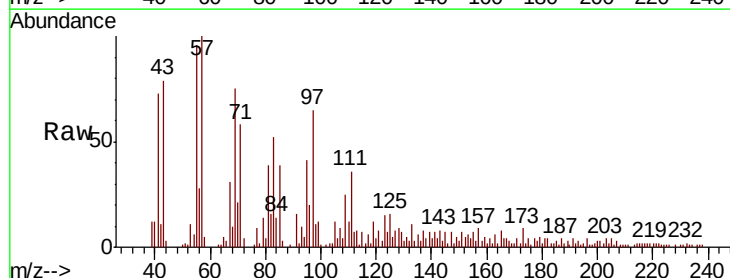
Tgt Ion:198 Resp: 245

Ion Ratio Lower Upper

198 100

51 379.4 25.5 65.5#

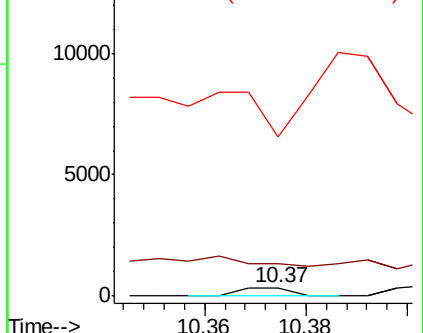
105 1850.6 23.2 63.2#

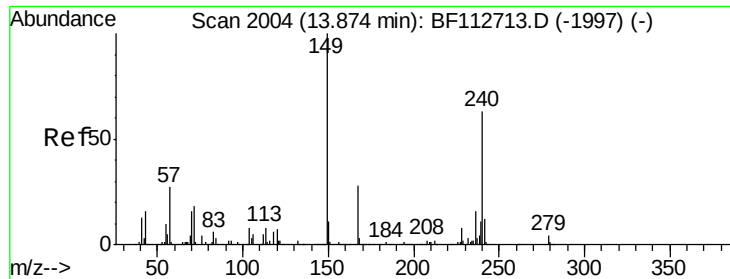


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

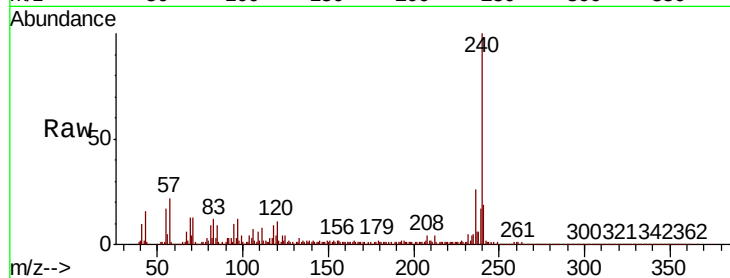




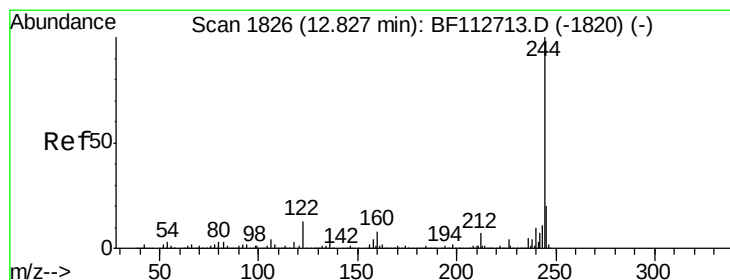
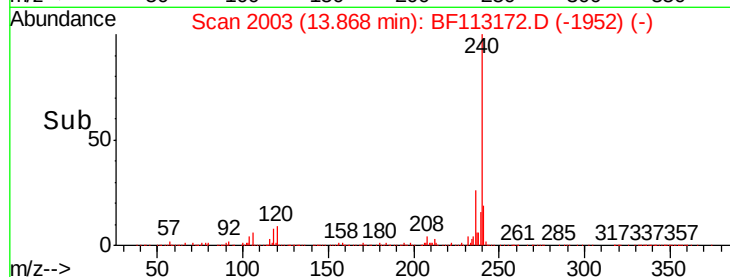
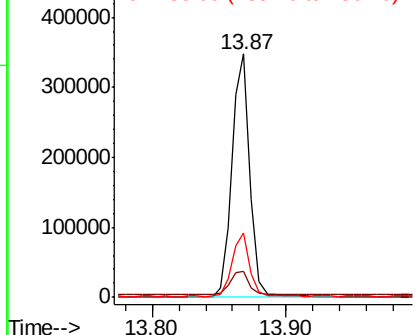
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113172.D
 Acq: 20 Mar 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 325858
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.6 12.8
 236 26.3 21.2 31.8

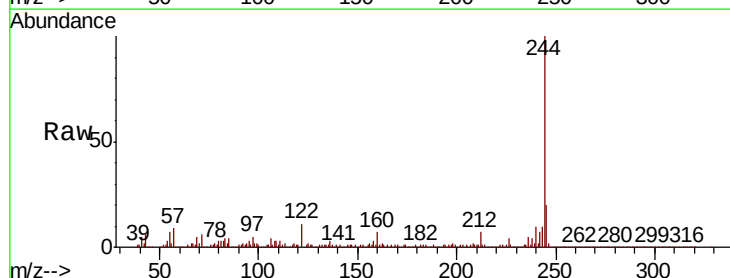


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

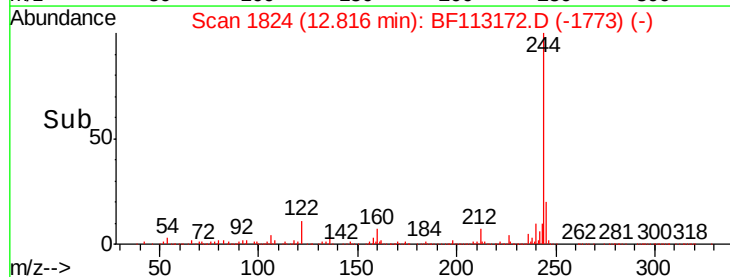
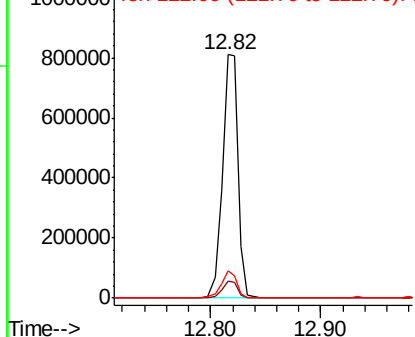


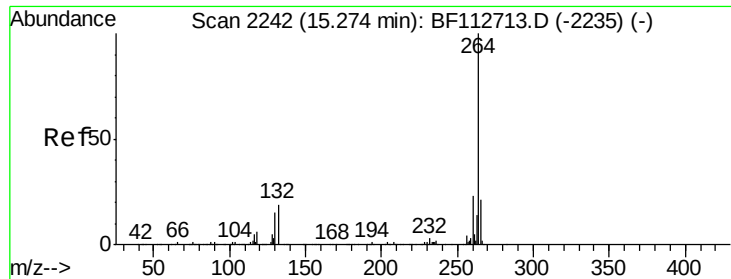
#79
 Terphenyl-d14
 Concen: 47.166 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113172.D
 Acq: 20 Mar 2019 15:42

Tgt Ion:244 Resp: 792845
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.4 9.4 14.2



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: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113172.D
 Acq: 20 Mar 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.4	17.7	26.5

