

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113174.D
 Acq On : 20 Mar 2019 16:39
 Operator : JU/SJ
 Sample : K1971-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:21:43 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

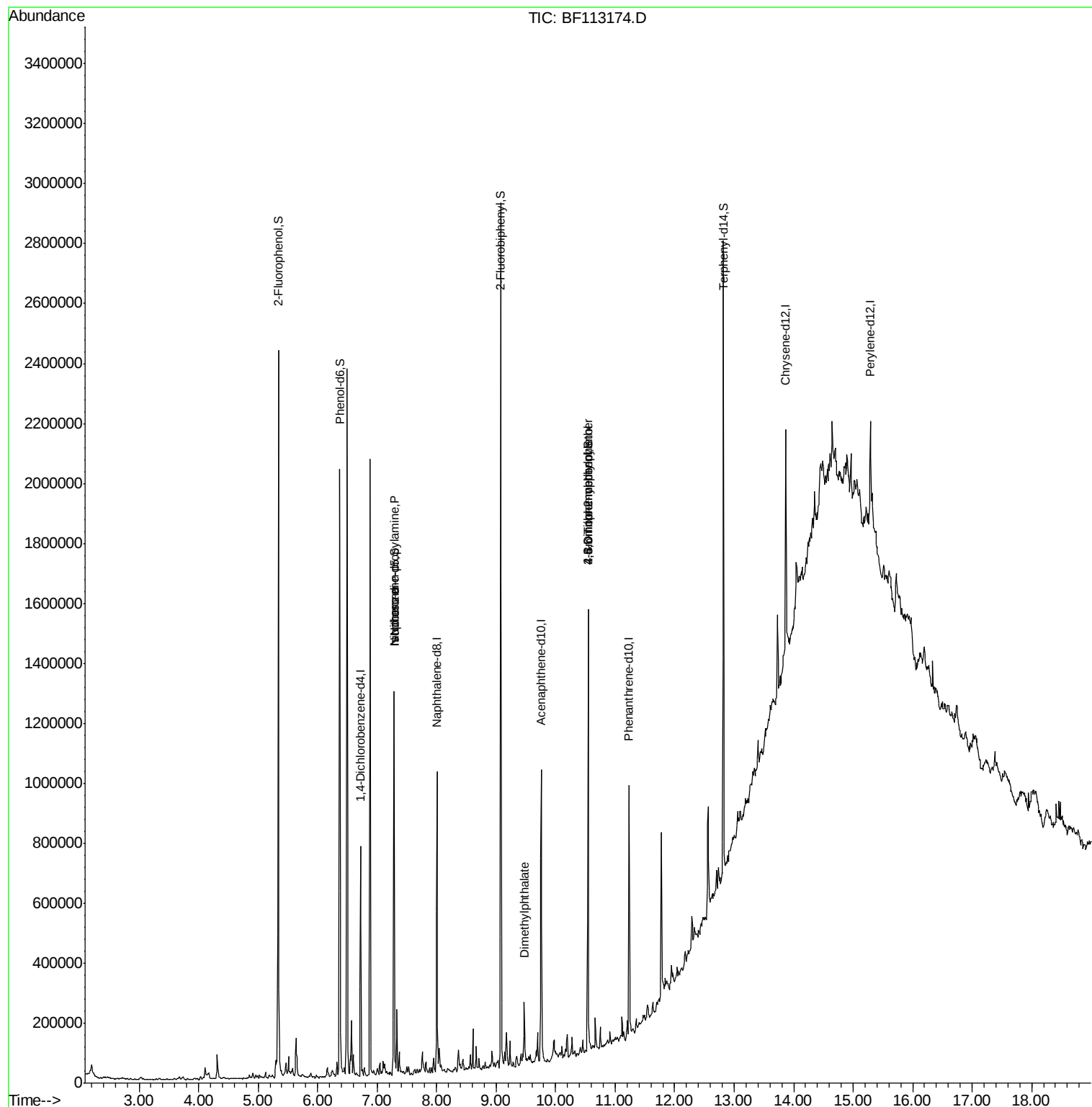
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	104673	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	389725	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	179277	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	313257	20.00	ng	0.00
76) Chrysene-d12	13.87	240	265751	20.00	ng	0.00
87) Perylene-d12	15.29	264	184804	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	685026	101.80	ng	0.00
7) Phenol-d6	6.37	99	725683	85.85	ng	0.00
23) Nitrobenzene-d5	7.29	82	444130	68.19	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	195445	102.69	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	878291	79.89	ng	0.00
79) Terphenyl-d14	12.82	244	782591	57.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	58973	11.016	ng	# 78
25) Isophorone	7.29	82	433919	30.925	ng	# 65
50) Dimethylphthalate	9.47	163	74058	5.602	ng	98
65) 4,6-Dinitro-2-methylphenol	10.55	198	321	4.838	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	11076	3.357	ng	# 1

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

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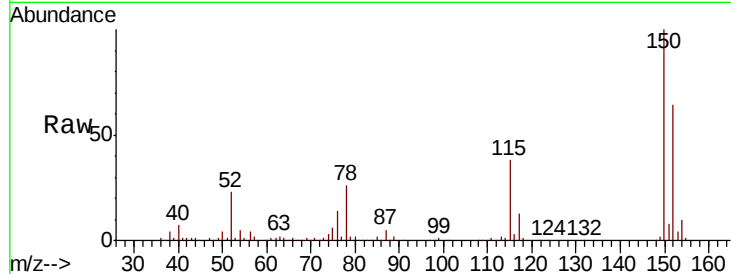


#1

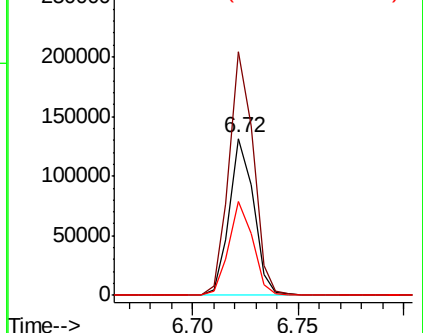
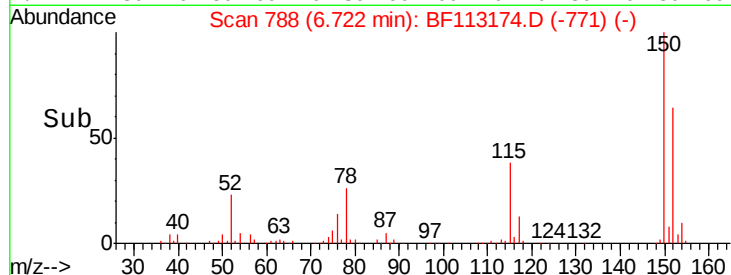
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104673
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.6
115 59.6 45.9 68.9



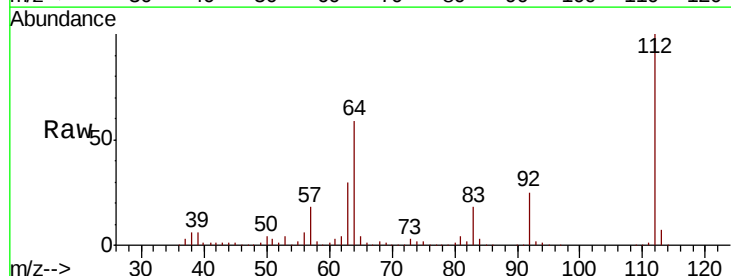
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



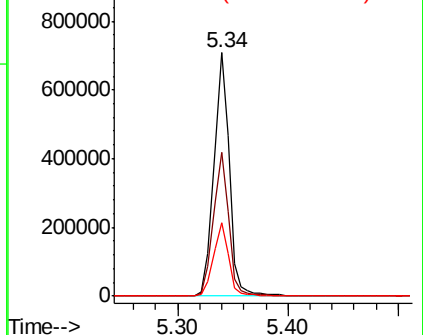
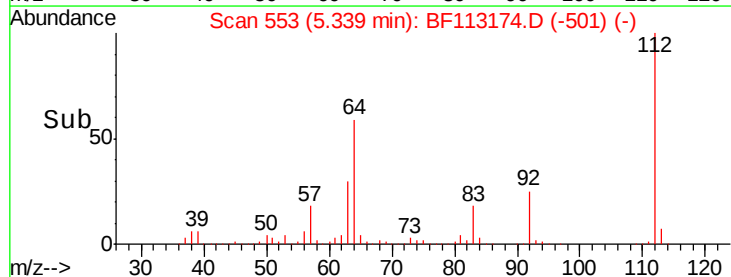
#5

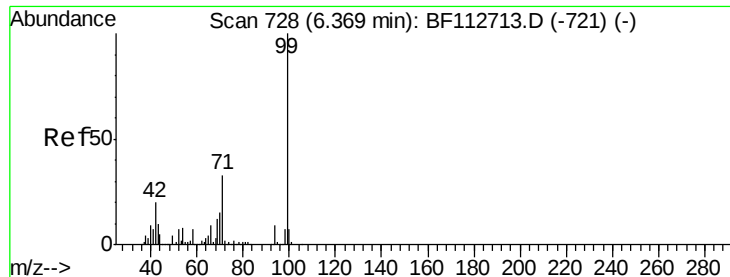
2-Fluorophenol
Concen: 101.802 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

Tgt Ion:112 Resp: 685026
Ion Ratio Lower Upper
112 100
64 59.2 49.3 73.9
63 30.2 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: 85.852 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113174.D

Acq: 20 Mar 2019 16:39

Instrument :

BNA_F

ClientSampleId :

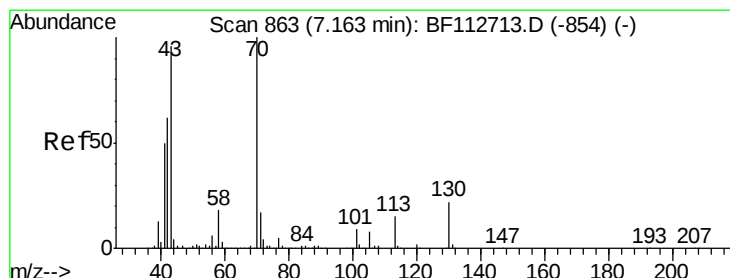
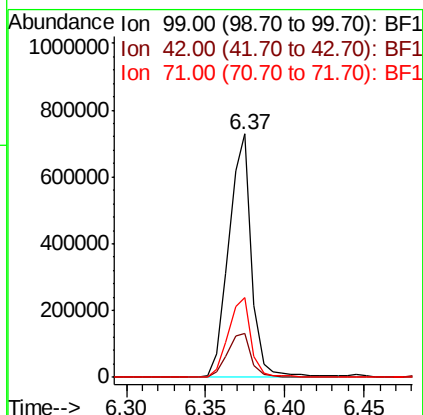
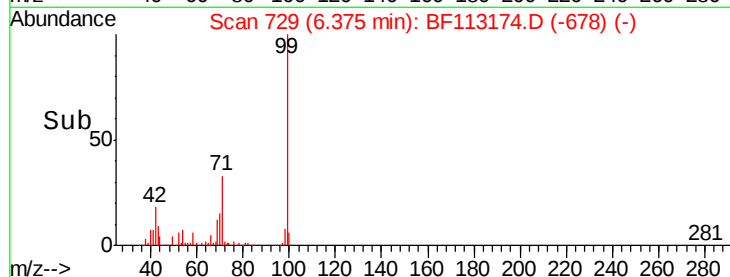
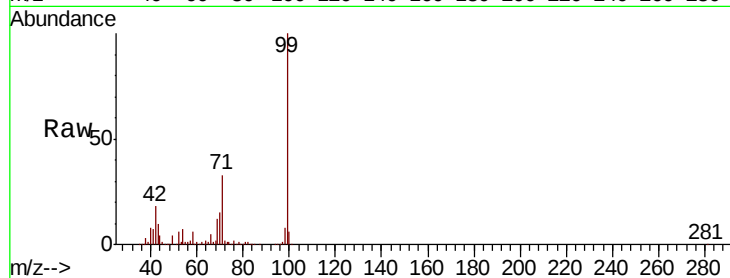
Tot Ion: 99 Resp: 725683

Ion Ratio Lower Upper

99 100

42 18.2 15.2 22.8

71 32.7 25.7 38.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.016 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF113174.D

Acq: 20 Mar 2019 16:39

Tgt Ion: 70 Resp: 58973

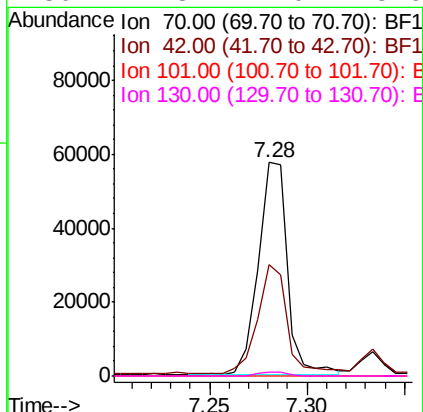
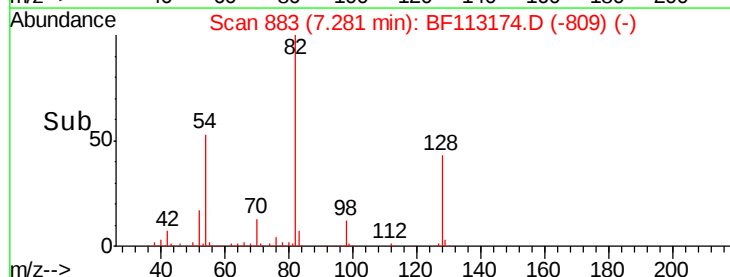
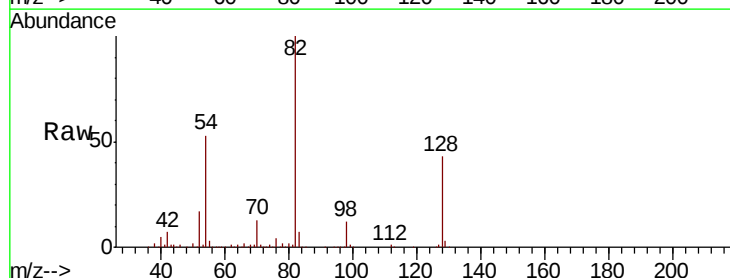
Ion Ratio Lower Upper

70 100

42 51.9 50.4 75.6

101 0.0 7.5 11.3#

130 1.8 17.0 25.6#

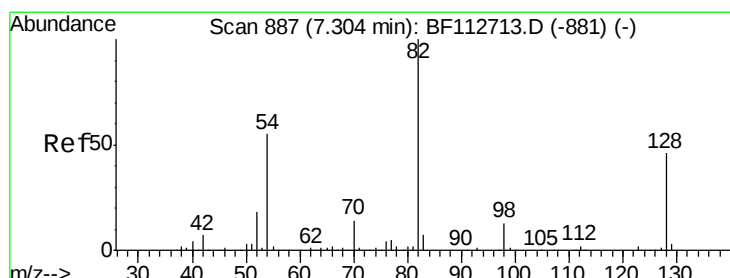
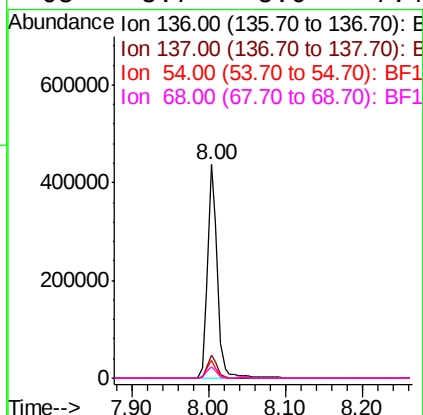
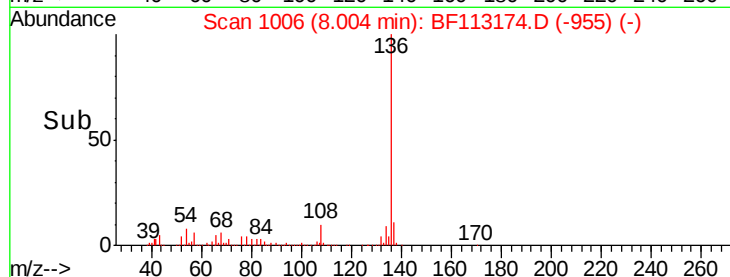
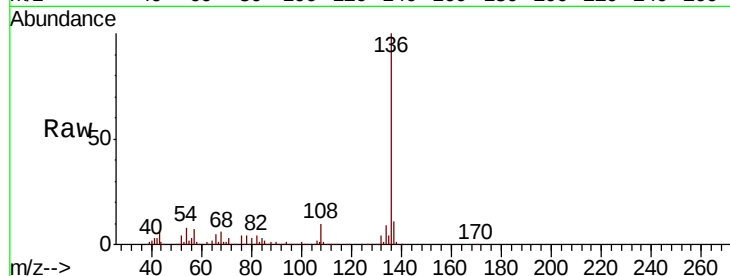




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

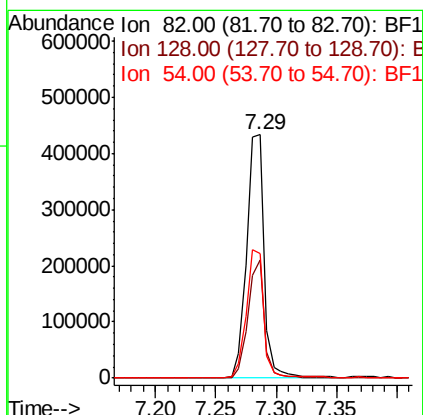
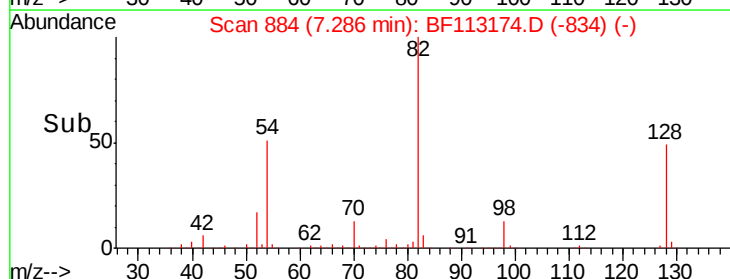
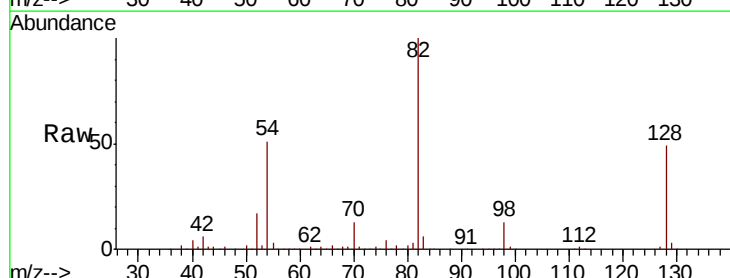
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	389725
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	8.3	7.0 10.6
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 68.191 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

Tgt Ion: 82	Resp:	444130
Ion Ratio	Lower	Upper
82	100	
128	48.8	37.9 56.9
54	51.2	41.2 61.8

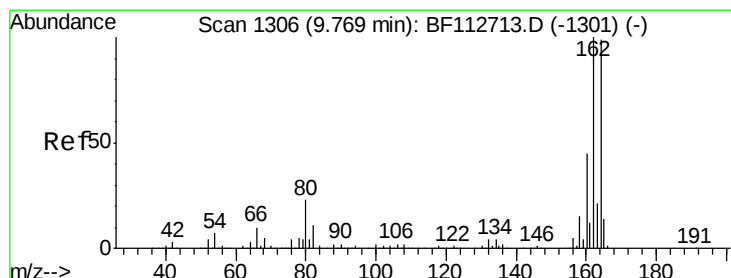
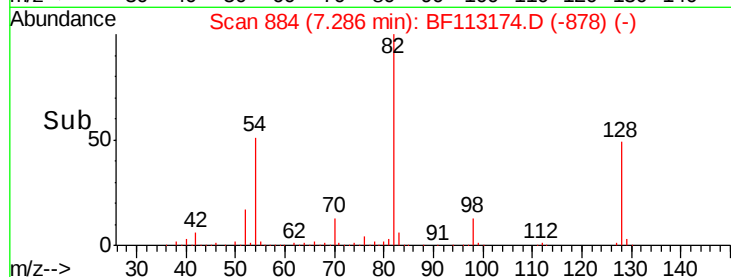
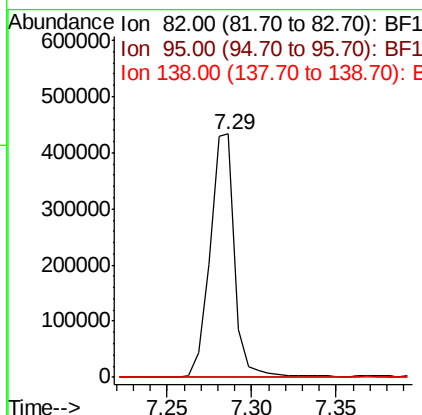
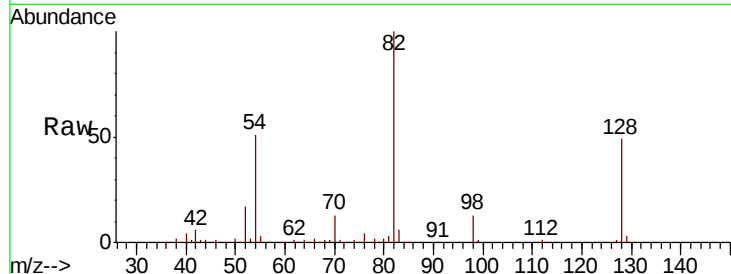




#25
Isophorone
Concen: 30.925 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

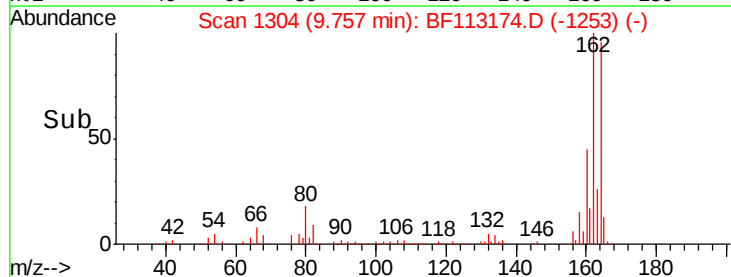
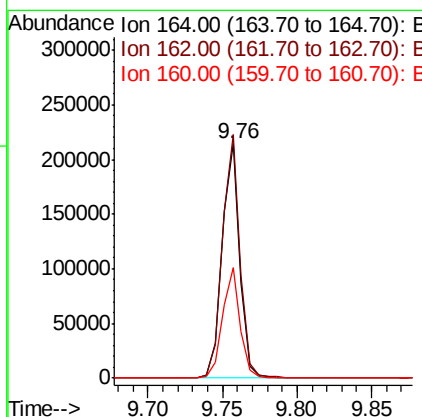
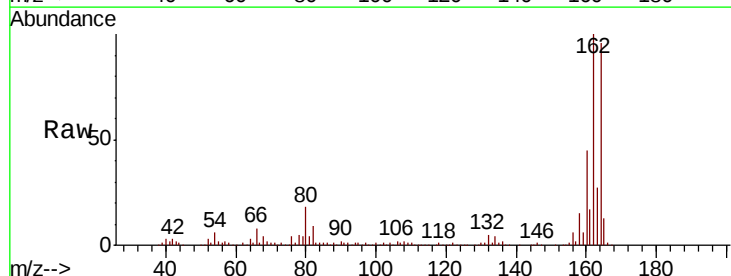
Instrument :
BNA_F
ClientSampled :

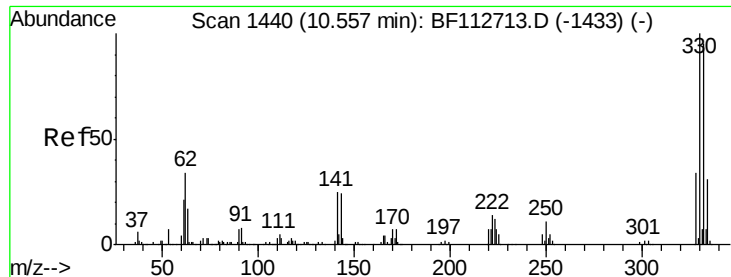
Tot Ion: 82 Resp: 433919
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

Tgt Ion: 164 Resp: 179277
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 47.2 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 102.690 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF113174.D

Acq: 20 Mar 2019 16:39

Instrument :

BNA_F

ClientSampled :

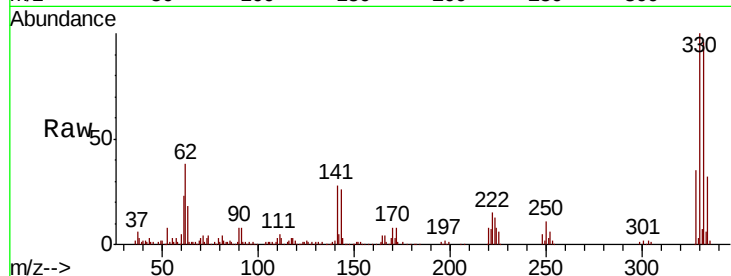
Tot Ion:330 Resp: 195445

Ion Ratio Lower Upper

330 100

332 95.8 76.3 114.5

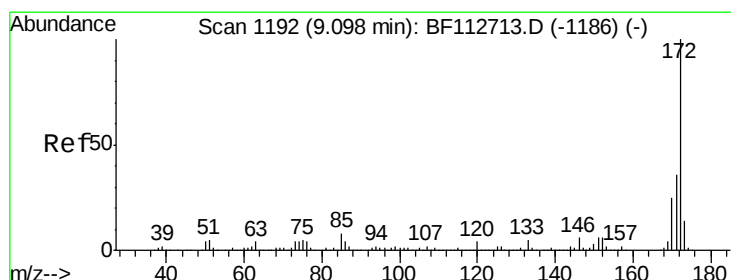
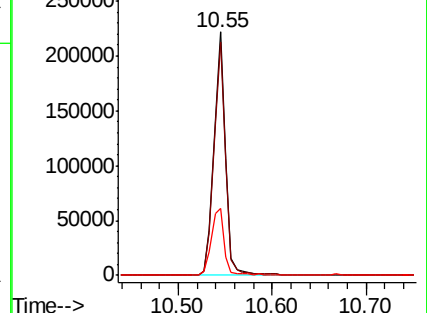
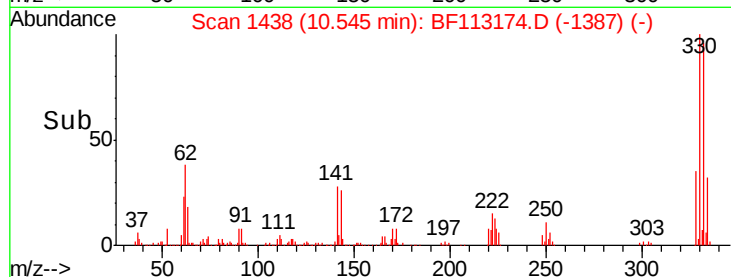
141 29.5 22.3 33.5



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: 79.889 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113174.D

Acq: 20 Mar 2019 16:39

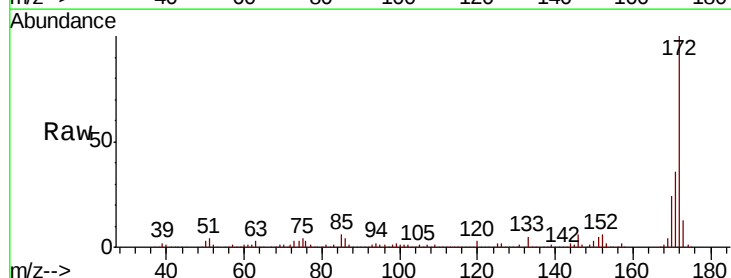
Tgt Ion:172 Resp: 878291

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

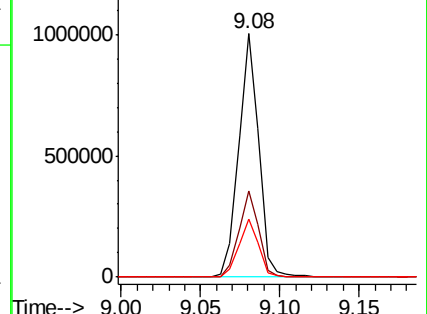
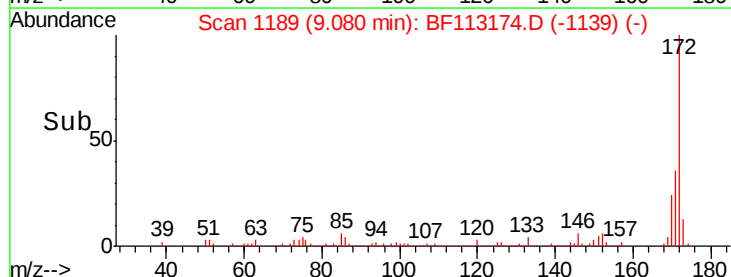
170 23.9 20.1 30.1



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

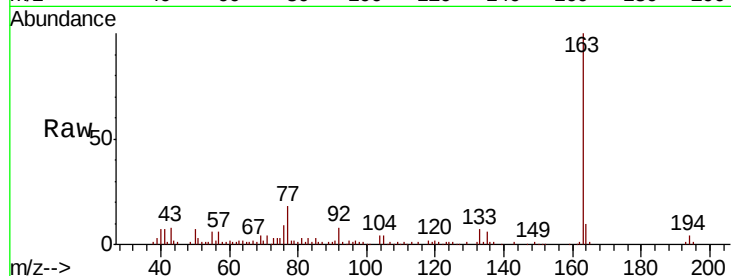




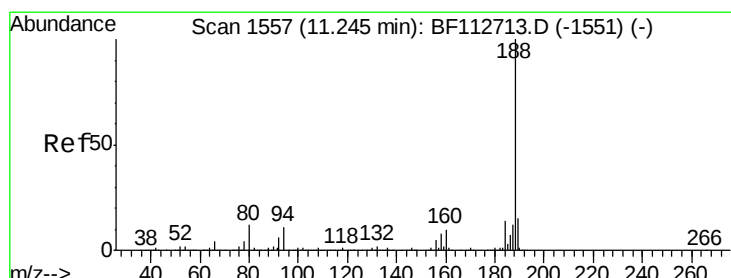
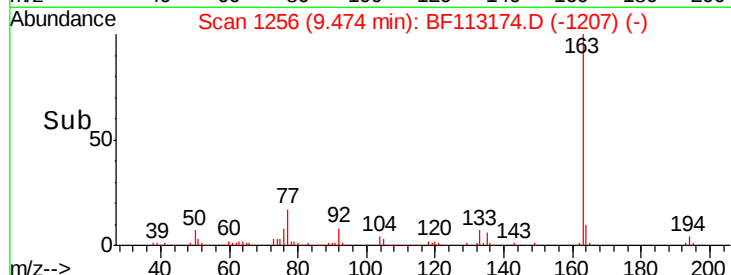
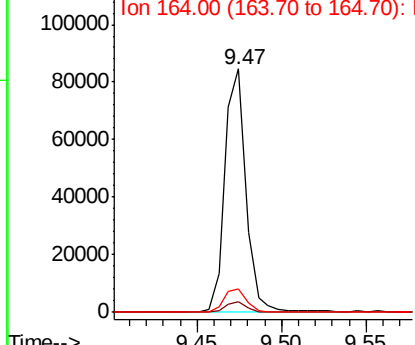
#50
Dimethylphthalate
Concen: 5.602 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 74058
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.6 8.6 12.8

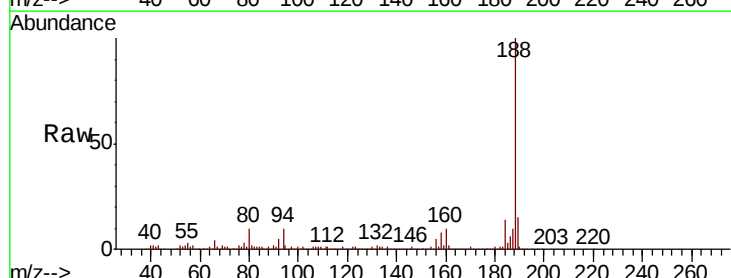


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

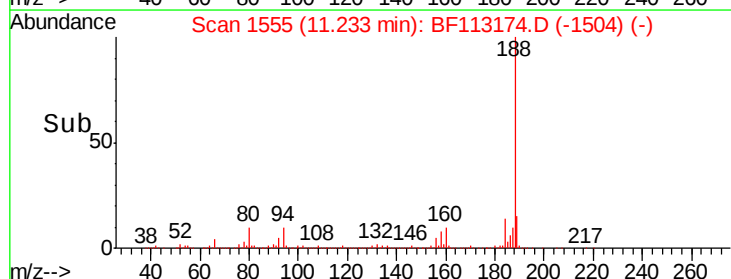
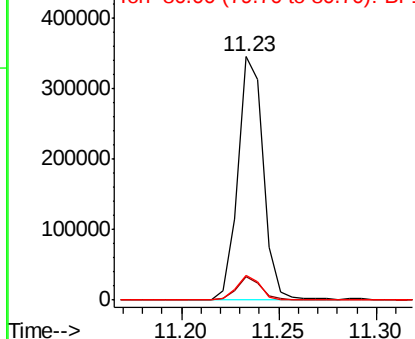


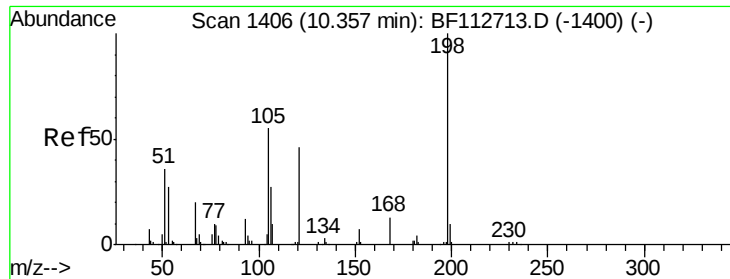
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113174.D
Acq: 20 Mar 2019 16:39

Tgt Ion:188 Resp: 313257
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.2 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: 4.838 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF113174.D

Acq: 20 Mar 2019 16:39

Instrument :

BNA_F

ClientSampled :

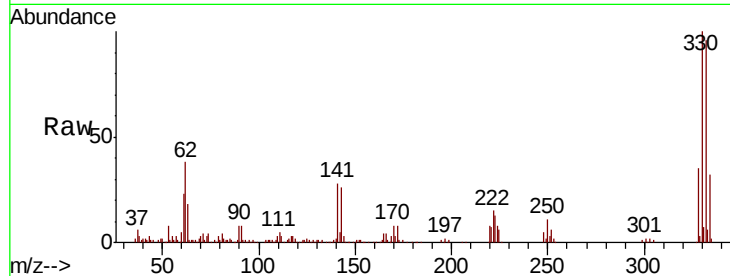
Tot Ion:198 Resp: 321

Ion Ratio Lower Upper

198 100

51 204.5 25.5 65.5#

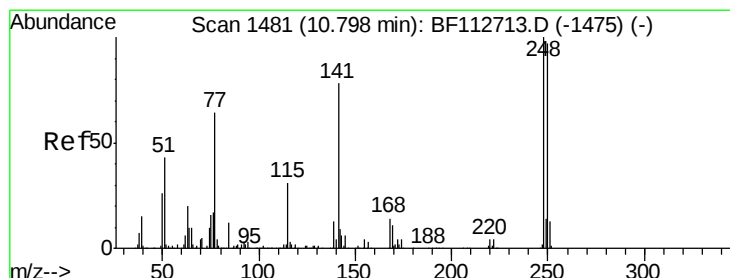
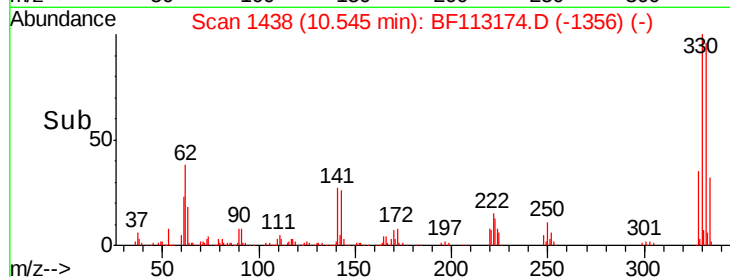
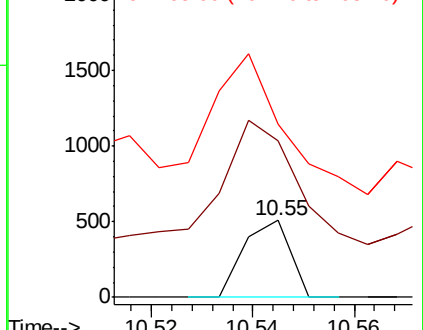
105 225.6 23.2 63.2#



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



#67

4-Bromophenyl-phenylether

Concen: 3.357 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF113174.D

Acq: 20 Mar 2019 16:39

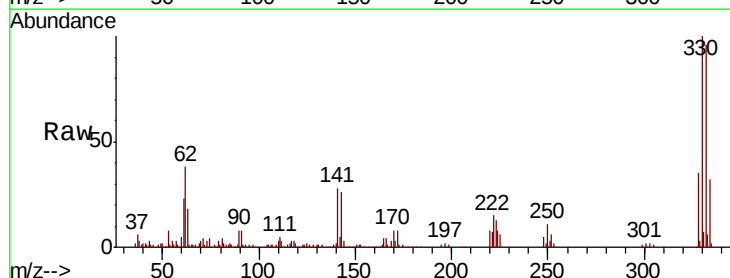
Tgt Ion:248 Resp: 11076

Ion Ratio Lower Upper

248 100

250 202.6 78.4 117.6#

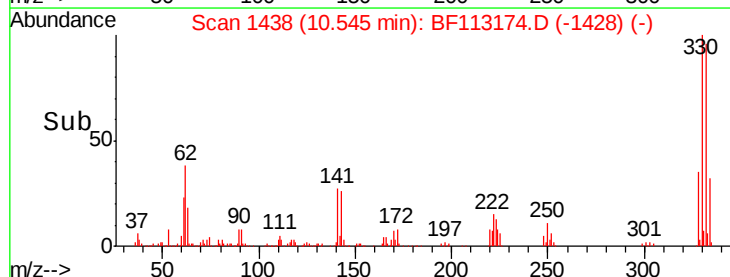
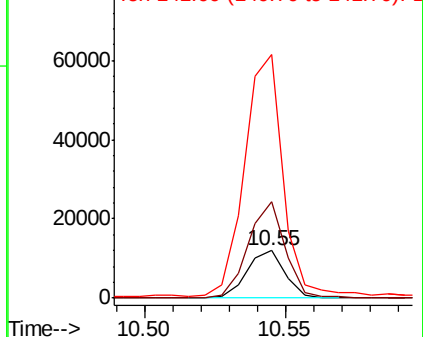
141 511.6 45.9 68.9#

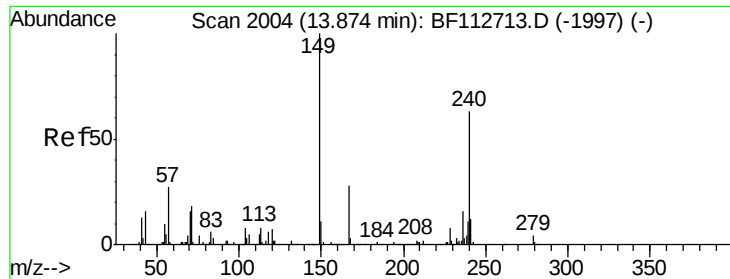


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

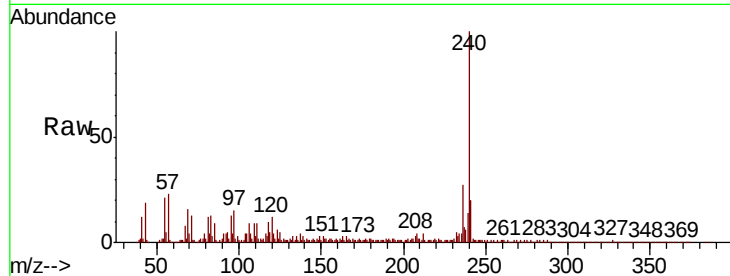




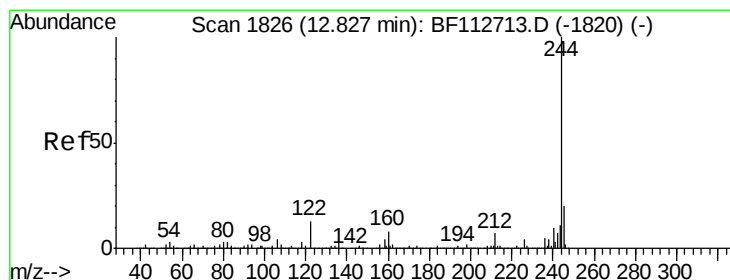
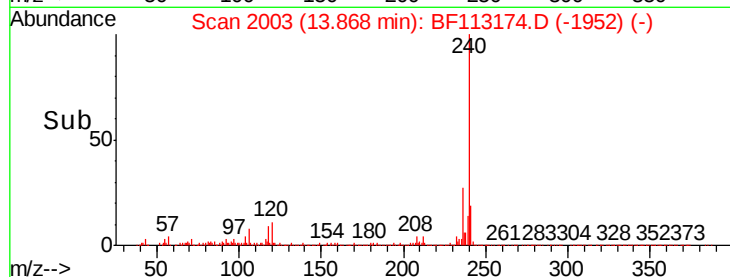
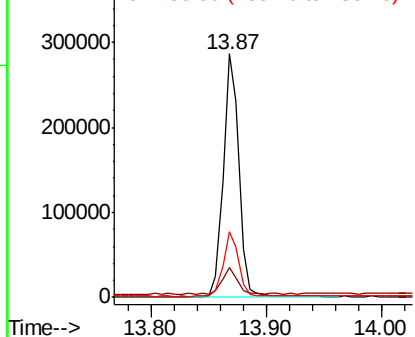
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113174.D
 Acq: 20 Mar 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 265751
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.6 12.8
 236 26.9 21.2 31.8

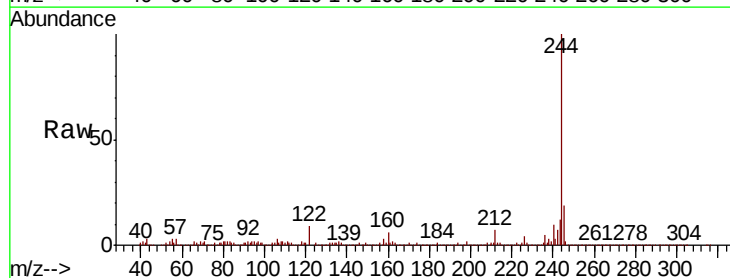


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

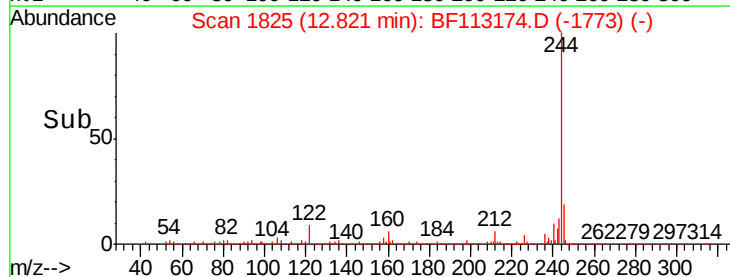
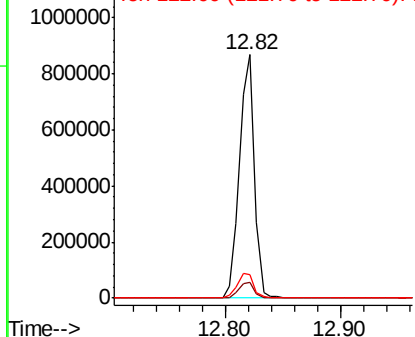


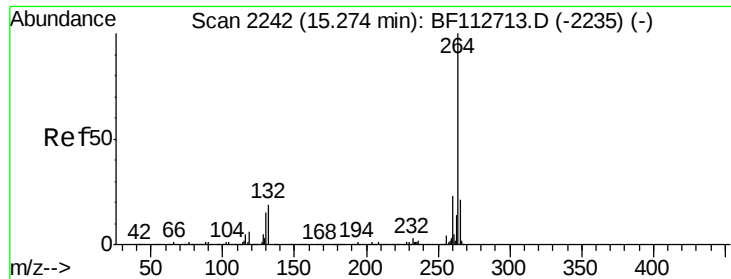
#79
 Terphenyl-d14
 Concen: 57.085 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF113174.D
 Acq: 20 Mar 2019 16:39

Tgt Ion:244 Resp: 782591
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 9.4 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

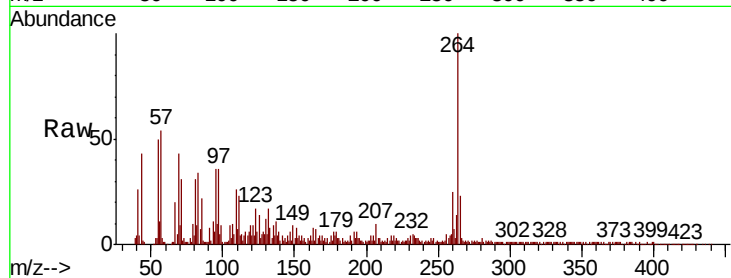




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.02 min
 Lab File: BF113174.D
 Acq: 20 Mar 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.0	19.2	28.8	
265	22.7	17.7	26.5	



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

