

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113604.D
 Acq On : 5 Apr 2019 1:23
 Operator : JU/SJ
 Sample : K2193-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:51:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

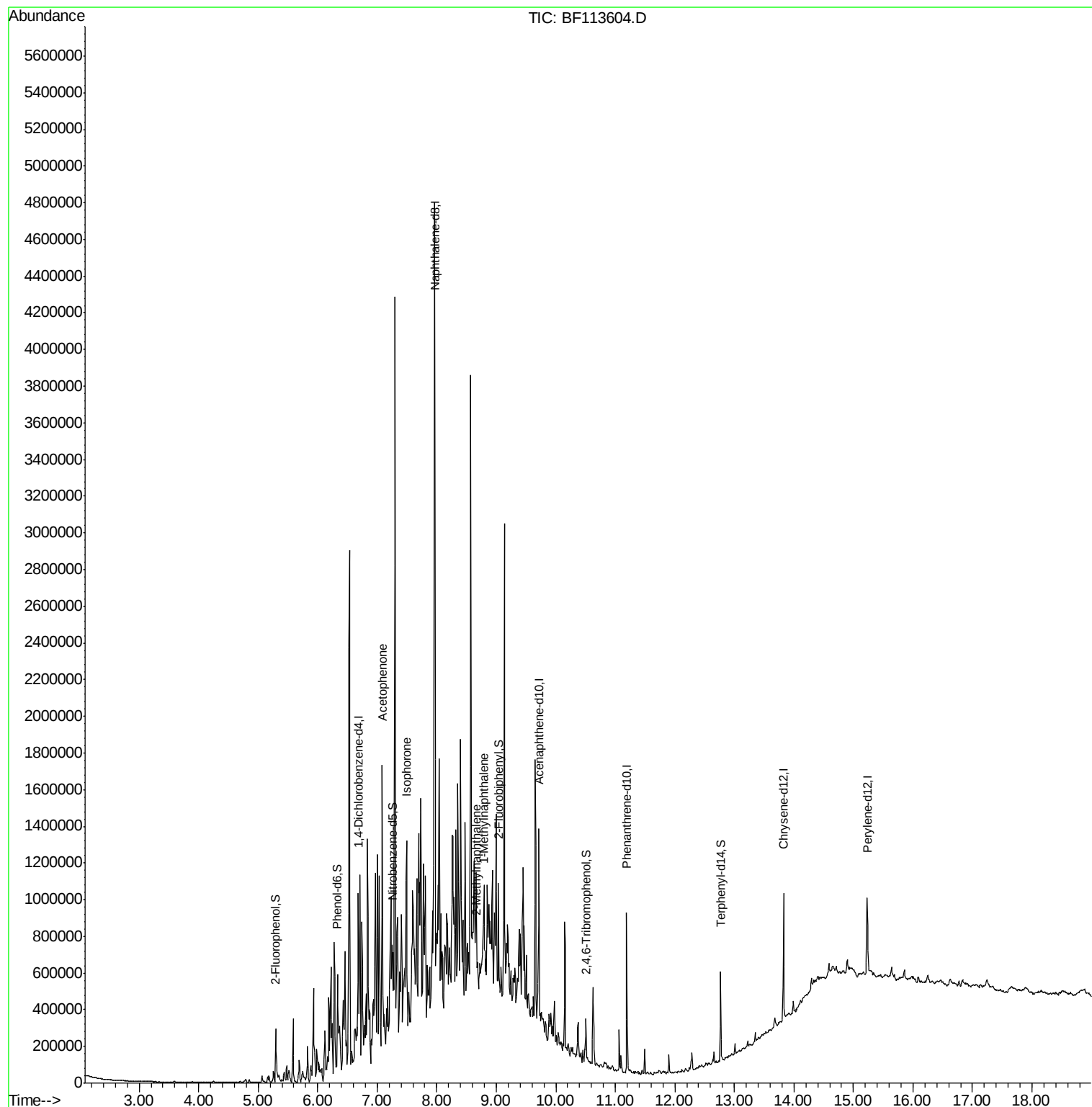
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121890	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	345092	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	183141	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	355812	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	249442	20.00	ng	-0.02
87) Perylene-d12	15.23	264	194543	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	121858	17.05	ng	0.00
7) Phenol-d6	6.33	99	168250	19.10	ng	0.00
23) Nitrobenzene-d5	7.25	82	83694	14.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	35723	16.24	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	175603	15.44	ng	-0.01
79) Terphenyl-d14	12.77	244	173509	14.16	ng	-0.02
Target Compounds						
22) Acetophenone	7.09	105	104494	13.787	ng	# 39
25) Isophorone	7.50	82	34523	3.042	ng	# 1
37) 2-Methylnaphthalene	8.68	142	49689	4.518	ng	97
38) 1-Methylnaphthalene	8.78	142	45786	4.318	ng	# 96

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

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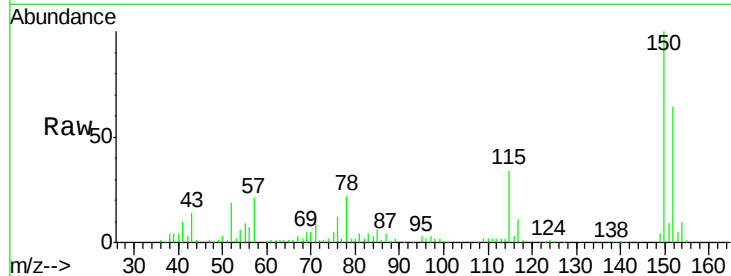


#1

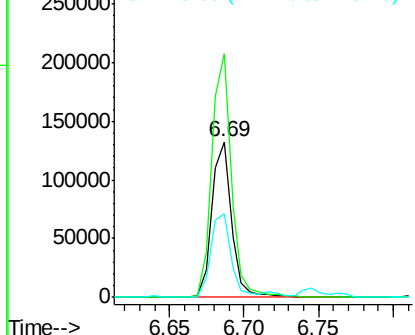
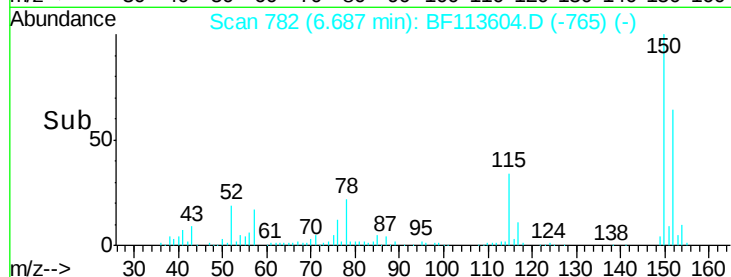
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113604.D
Acq: 5 Apr 2019 1:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	53.8	46.0	69.0



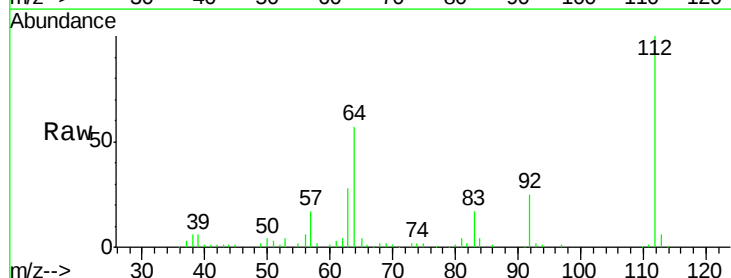
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



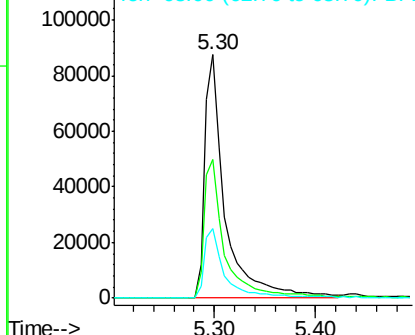
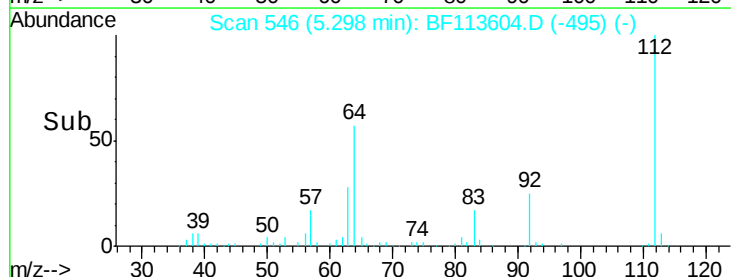
#5

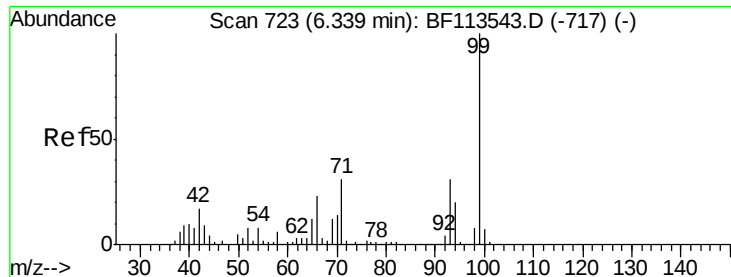
2-Fluorophenol
Concen: 17.048 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113604.D
Acq: 5 Apr 2019 1:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.2	73.8
63	28.3	24.9	37.3



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: 19.098 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113604.D

Acq: 5 Apr 2019 1:23

Instrument :

BNA_F

ClientSampleId :

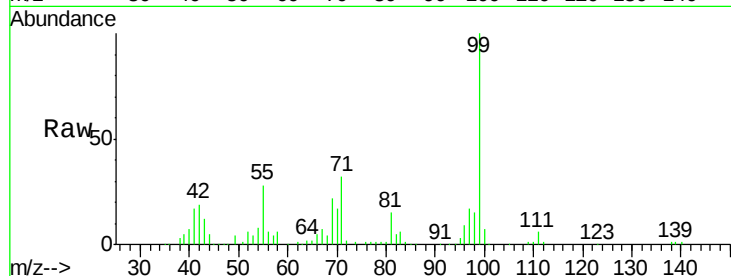
Tot Ion: 99 Resp: 168250

Ion Ratio Lower Upper

99 100

42 18.9 14.8 22.2

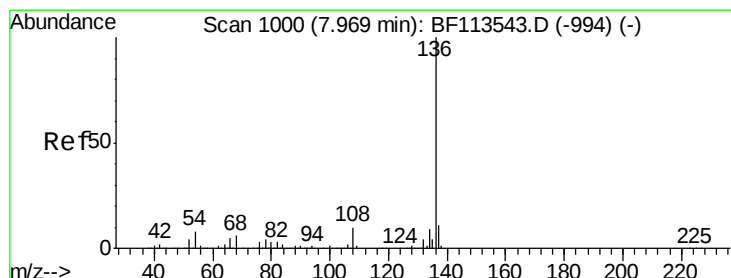
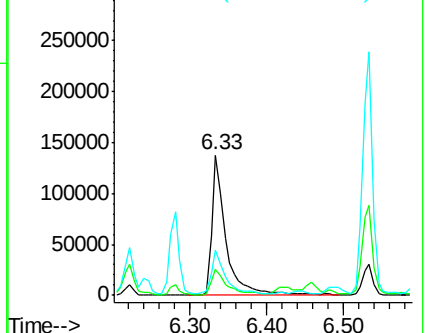
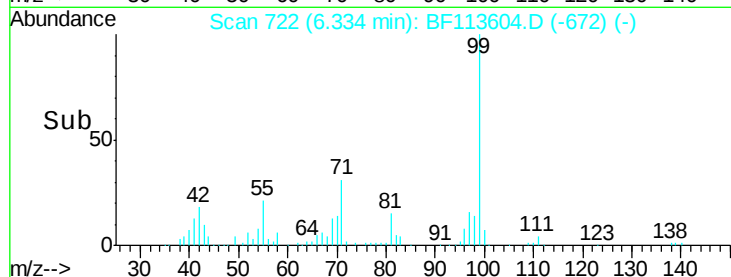
71 31.9 24.9 37.3



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: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113604.D

Acq: 5 Apr 2019 1:23

Tgt Ion: 136 Resp: 345092

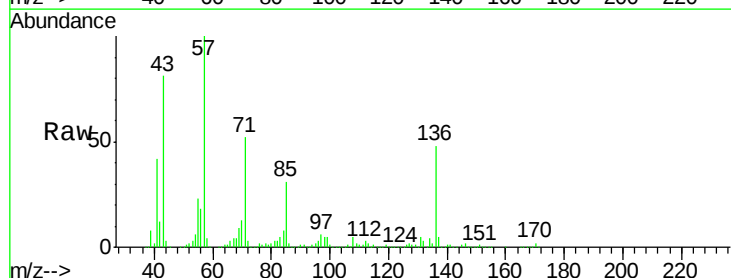
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 12.1 7.0 10.6#

68 8.6 4.8 7.2#

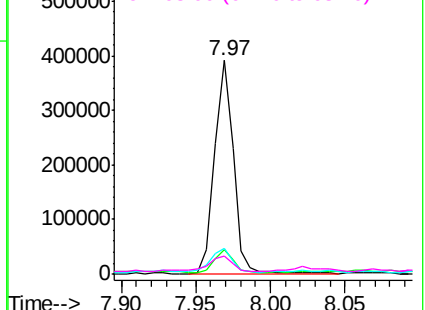
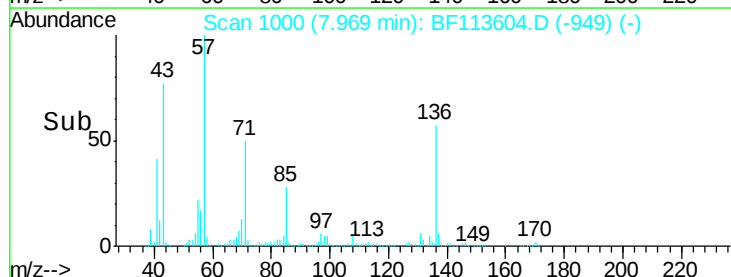


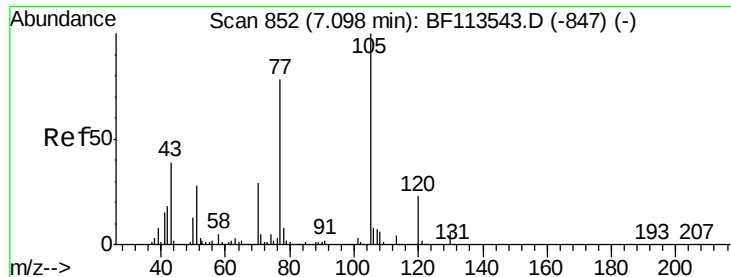
Abundance Ion 136.00 (135.70 to 136.70): E

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

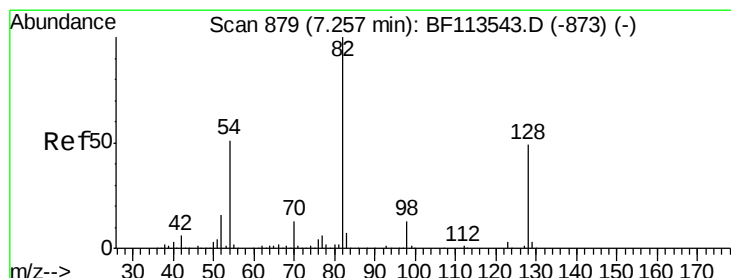
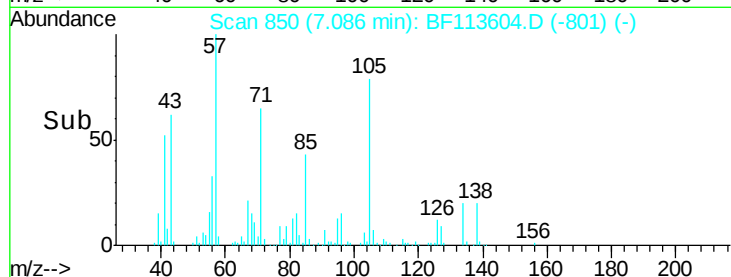
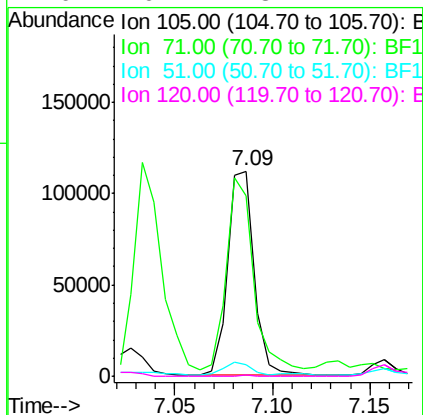
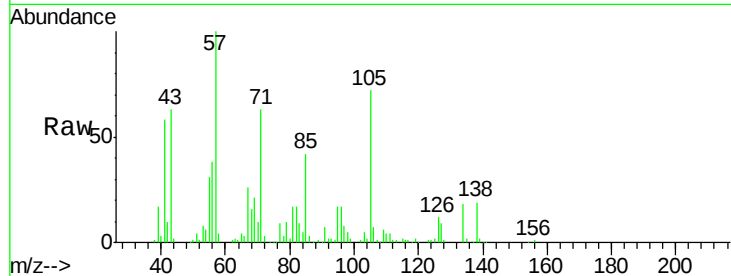




#22
Acetophenone
Concen: 13.787 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF113604.D
Acq: 5 Apr 2019 1:23

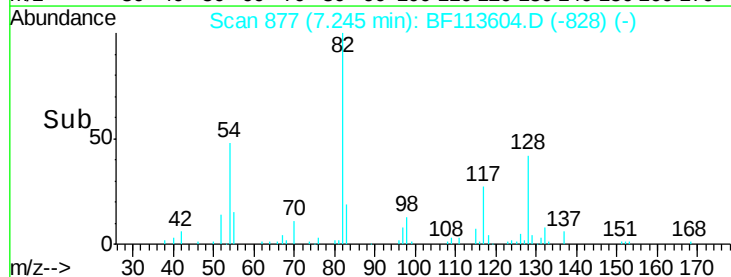
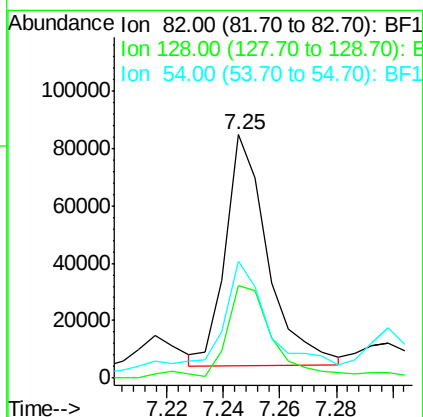
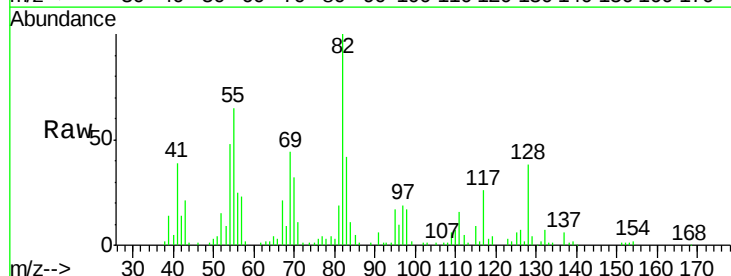
Instrument :
BNA_F
ClientSampleId :

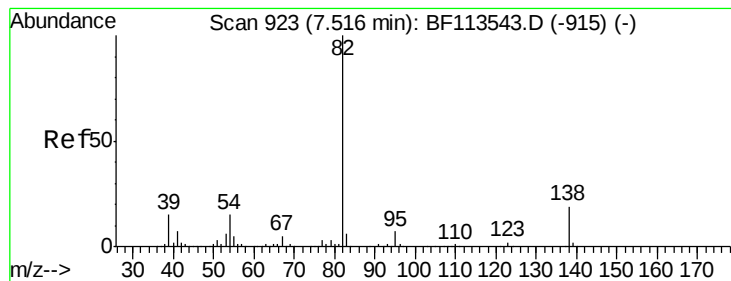
Tot Ion:105 Resp: 104494
Ion Ratio Lower Upper
105 100
71 88.1 3.3 4.9#
51 5.5 24.2 36.2#
120 0.4 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 14.206 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113604.D
Acq: 5 Apr 2019 1:23

Tgt Ion: 82 Resp: 83694
Ion Ratio Lower Upper
82 100
128 38.1 36.5 54.7
54 48.2 42.2 63.2





#25

Isophorone

Concen: 3.042 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF113604.D

Acq: 5 Apr 2019 1:23

Instrument :

BNA_F

ClientSampleId :

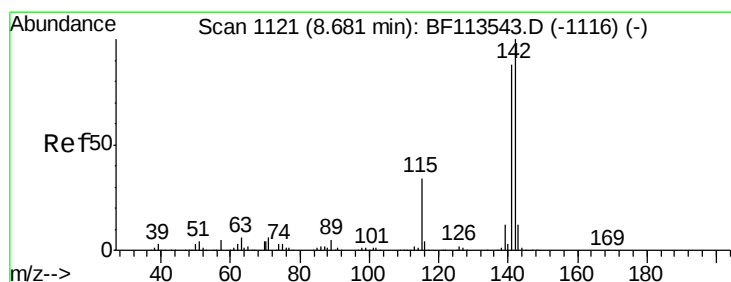
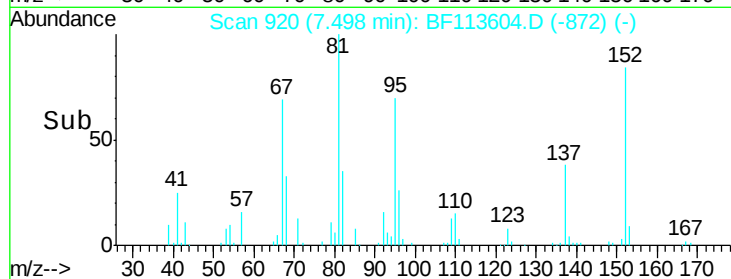
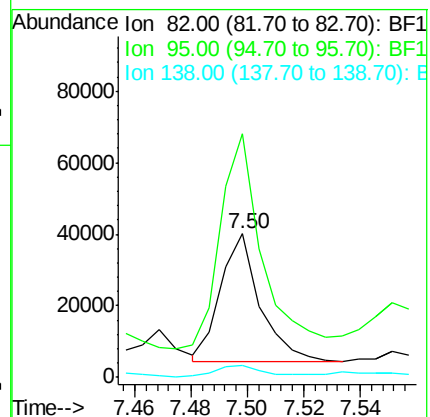
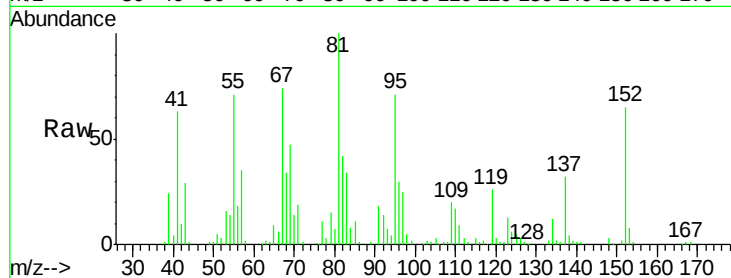
Tot Ion: 82 Resp: 34523

Ion Ratio Lower Upper

82 100

95 169.8 5.5 8.3#

138 8.5 15.2 22.8#



#37

2-Methylnaphthalene

Concen: 4.518 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF113604.D

Acq: 5 Apr 2019 1:23

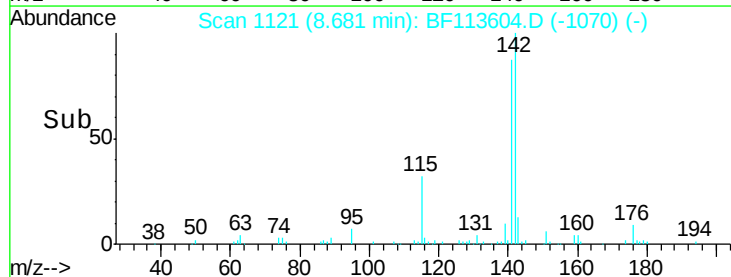
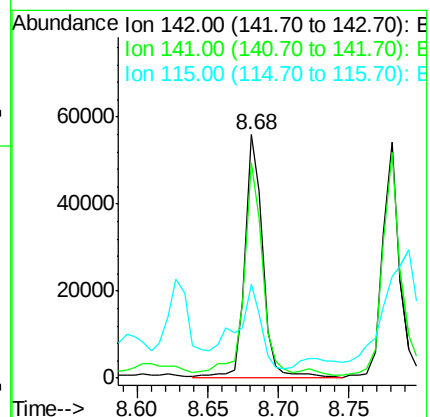
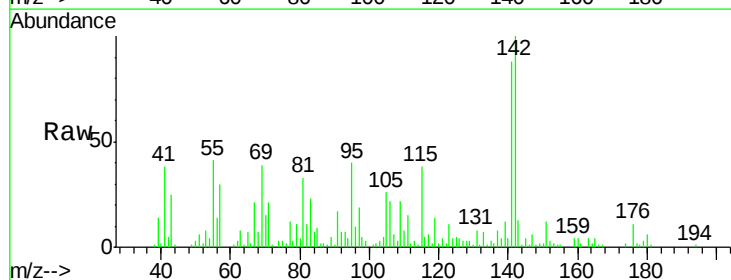
Tgt Ion: 142 Resp: 49689

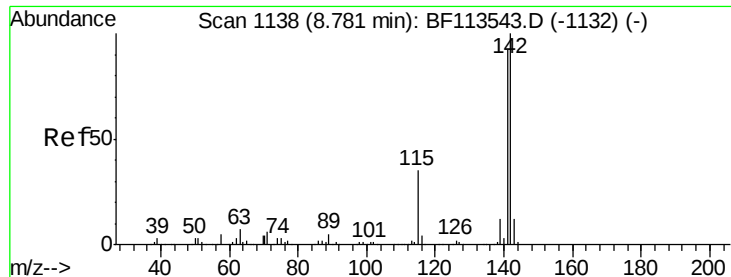
Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.6

115 38.3 26.6 39.8

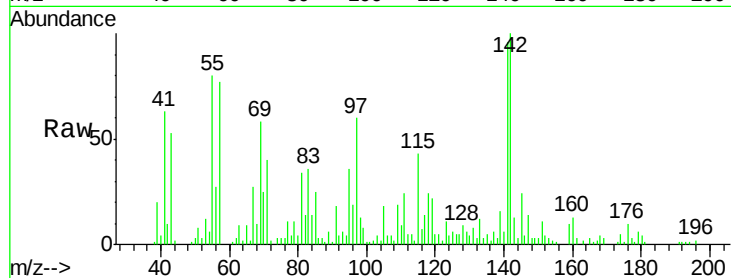




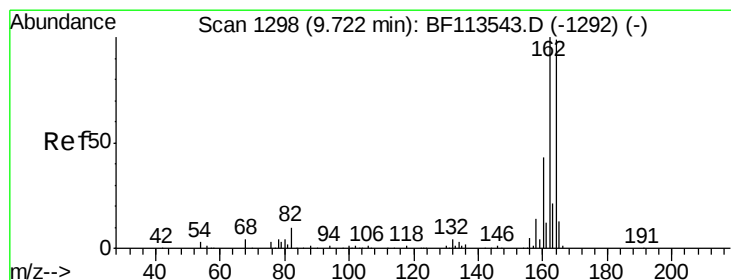
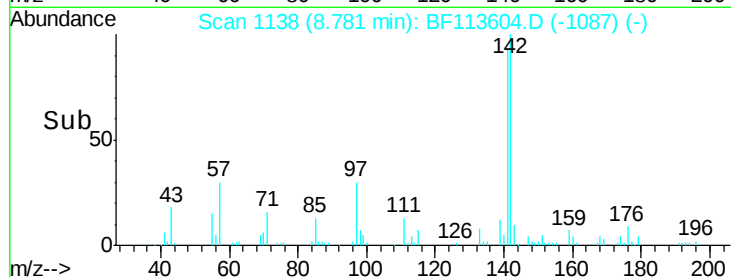
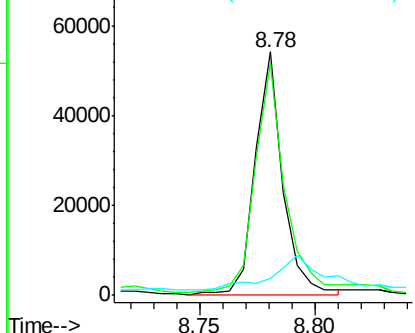
#38
 1-Methylnaphthalene
 Concen: 4.318 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF113604.D
 Acq: 5 Apr 2019 1:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 45786
 Ion Ratio Lower Upper
 142 100
 141 95.6 73.2 109.8
 116 7.1 3.0 4.4#

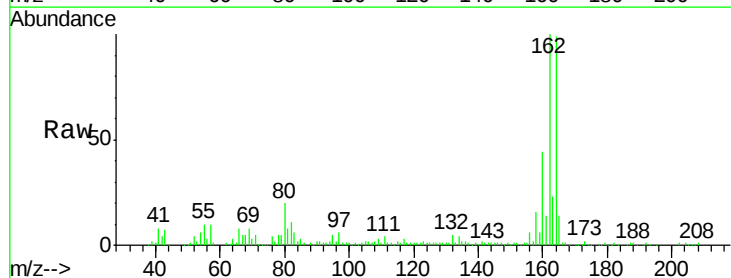


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

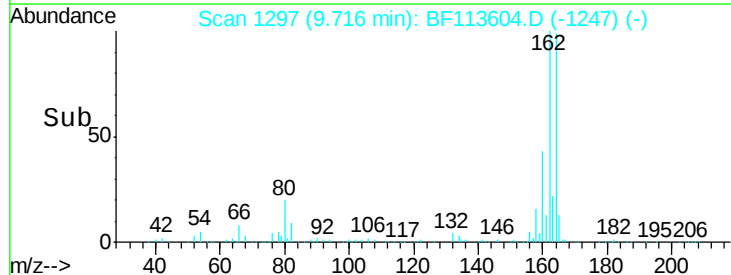
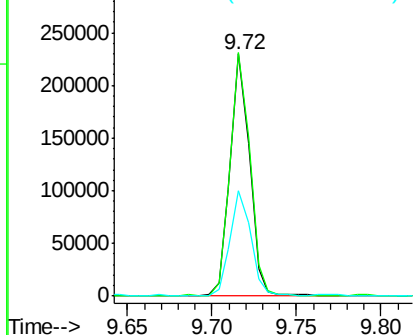


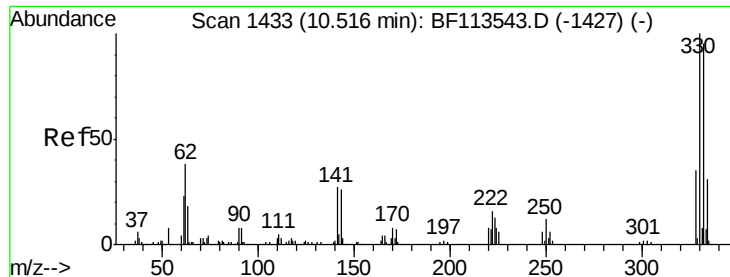
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113604.D
 Acq: 5 Apr 2019 1:23

Tgt Ion:164 Resp: 183141
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.8 122.6
 160 43.8 36.4 54.6



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

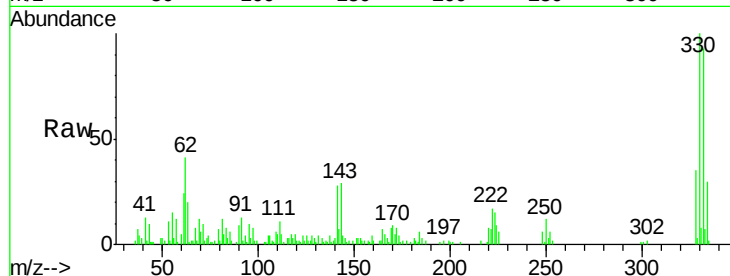




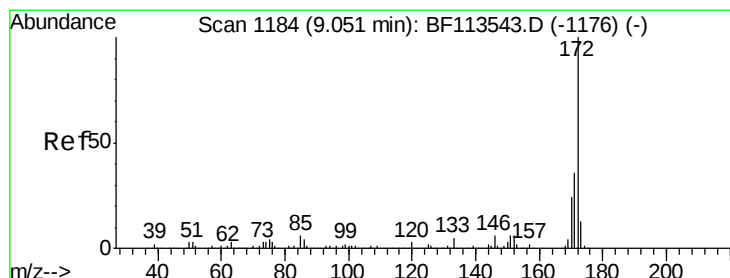
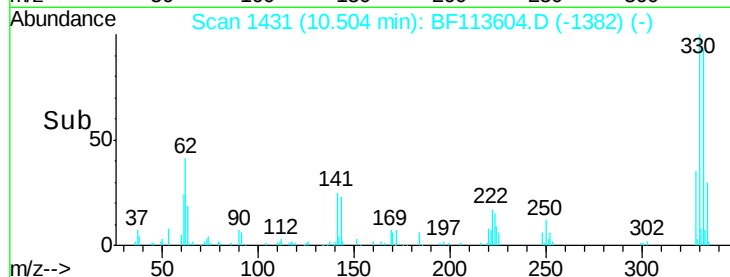
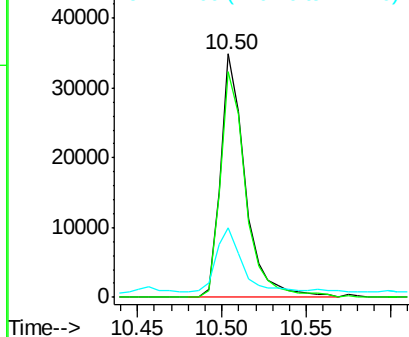
#42
 2,4,6-Tribromophenol
 Concen: 16.238 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113604.D
 Acq: 5 Apr 2019 1:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 35723
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 27.8 22.7 34.1

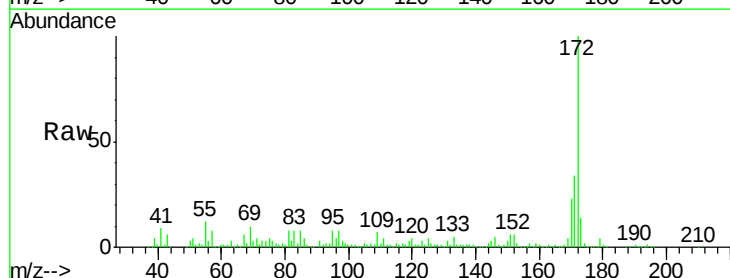


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

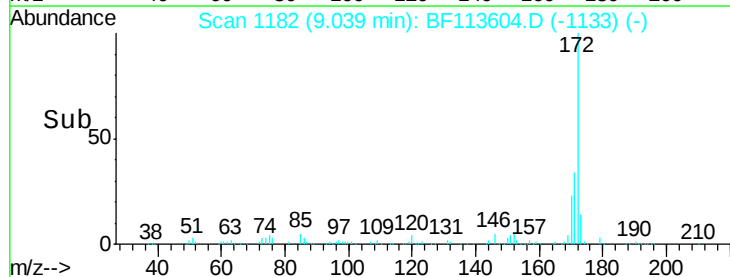
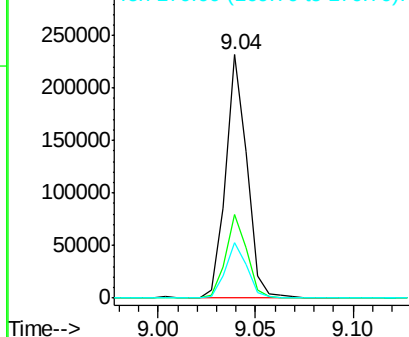


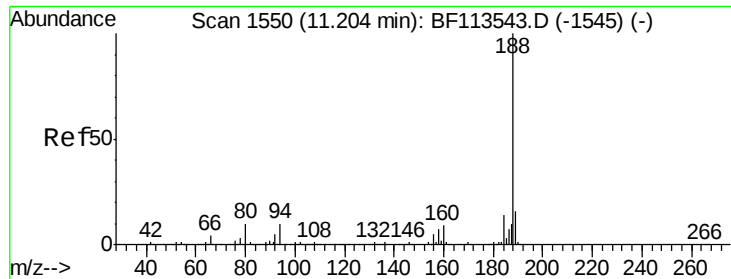
#45
 2-Fluorobiphenyl
 Concen: 15.436 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113604.D
 Acq: 5 Apr 2019 1:23

Tgt Ion:172 Resp: 175603
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.6
 170 23.0 19.5 29.3



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

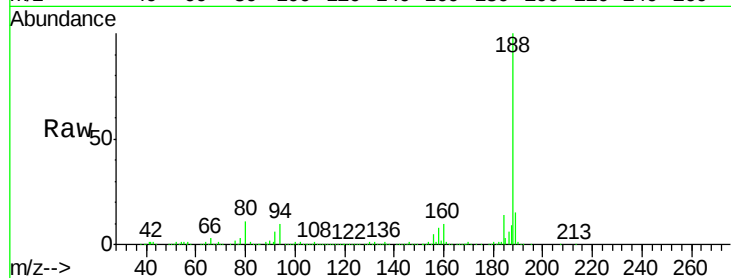




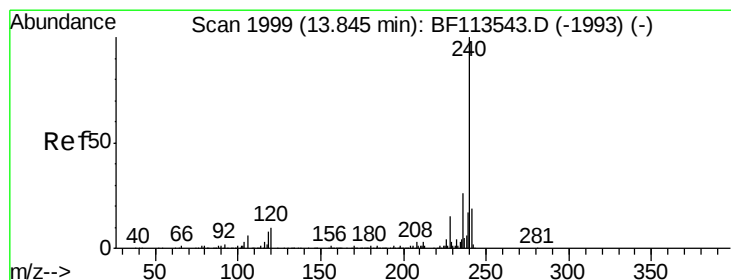
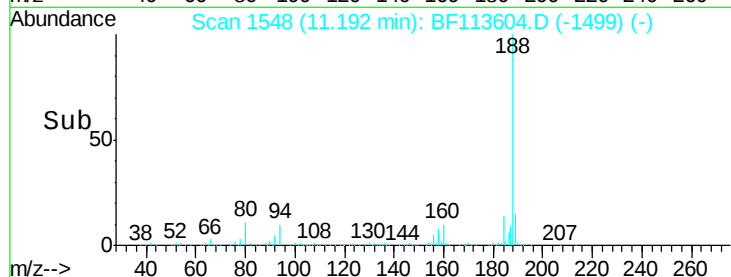
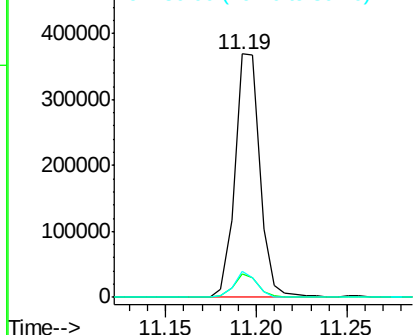
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113604.D
Acq: 5 Apr 2019 1:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 355812
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.7 7.7 11.5

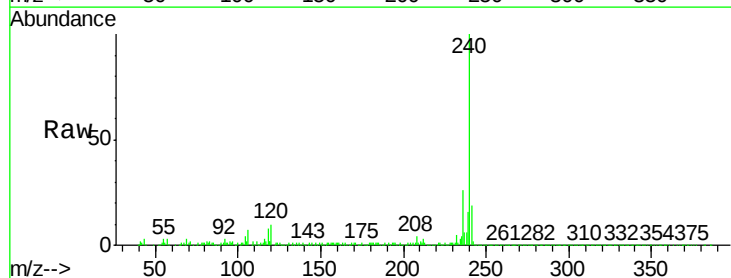


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

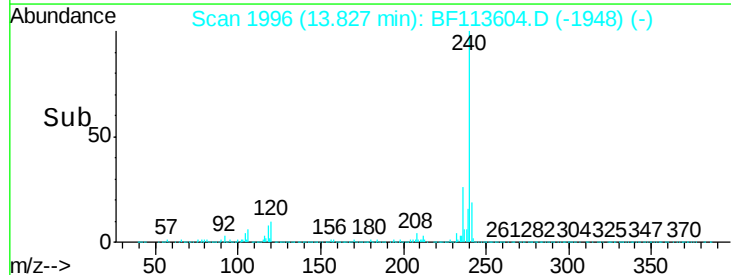
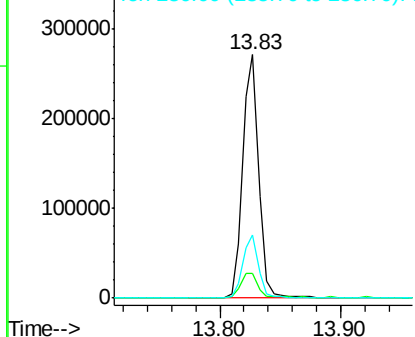


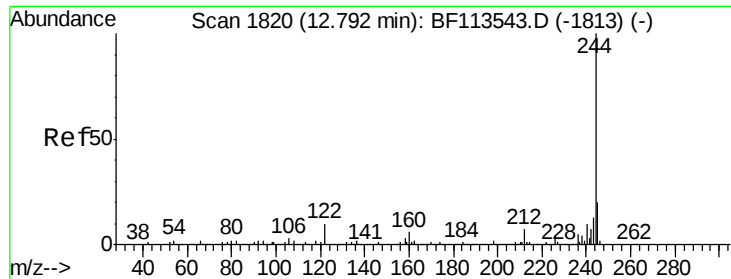
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113604.D
Acq: 5 Apr 2019 1:23

Tgt Ion:240 Resp: 249442
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.9 20.9 31.3



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

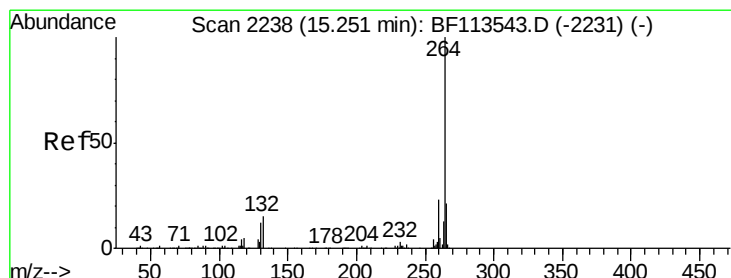
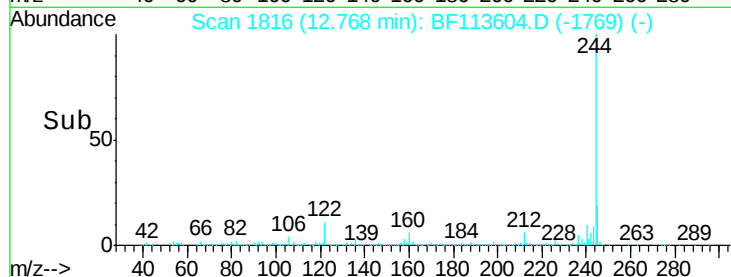
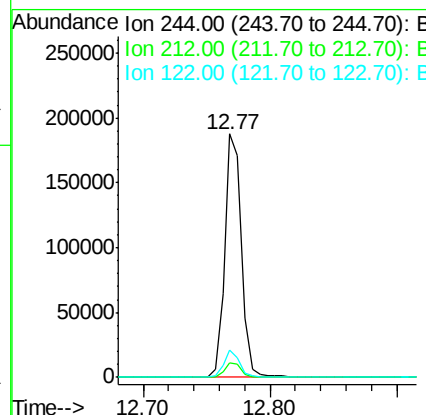
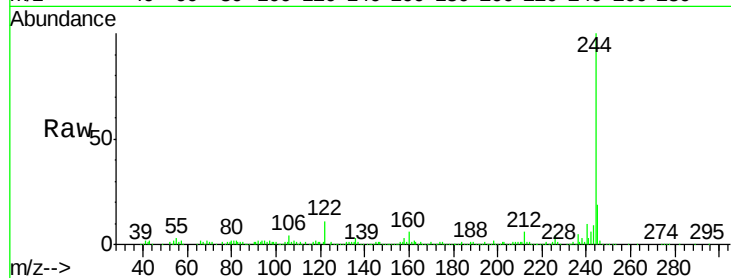




#79
 Terphenyl-d14
 Concen: 14.162 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113604.D
 Acq: 5 Apr 2019 1:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.5	8.3
122	11.2	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113604.D
 Acq: 5 Apr 2019 1:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	21.6	17.1	25.7

