

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113390.D
 Acq On : 28 Mar 2019 22:56
 Operator : JU/SJ
 Sample : K2093-20 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

Quant Time: Mar 29 09:22:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

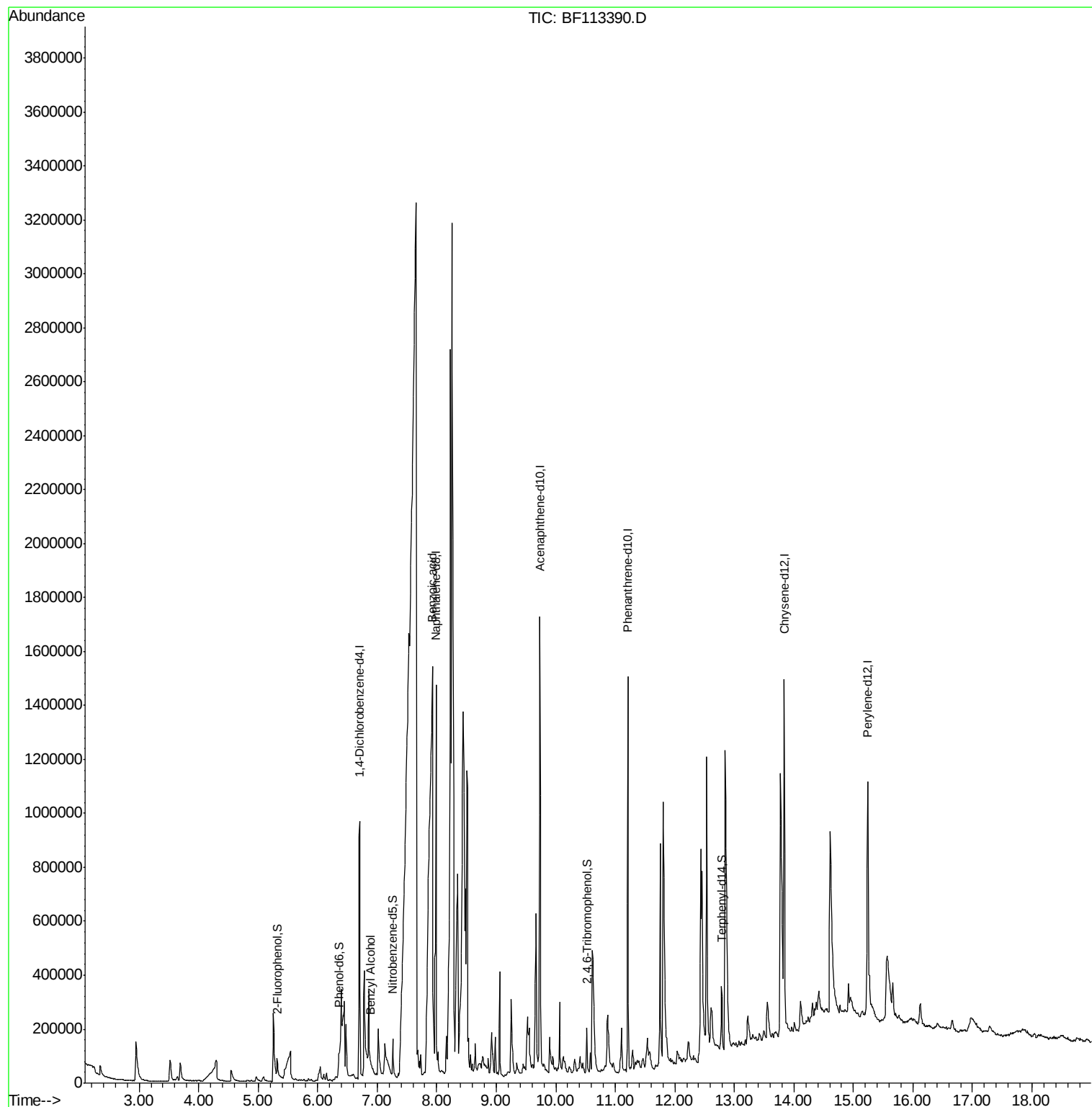
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	164835	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	652066	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	305204	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	542711	20.00	ng	0.00
76) Chrysene-d12	13.84	240	432425	20.00	ng	0.00
87) Perylene-d12	15.24	264	433396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	29883	2.96	ng	0.00
7) Phenol-d6	6.36	99	27165	2.13	ng	0.00
23) Nitrobenzene-d5	7.26	82	48665	4.43	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	24065	6.38	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	76264	3.89	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	23919	2.843	ng	98
32) Benzoic acid	7.93	122	993976	141.661	ng	99

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

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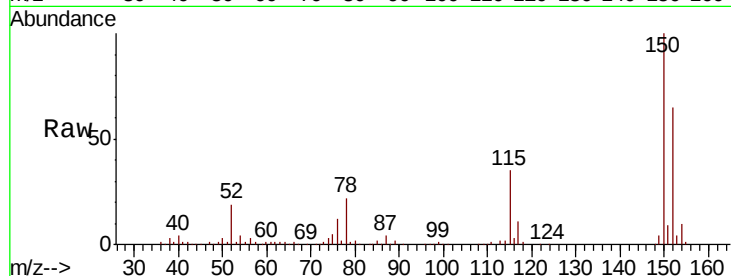


#1

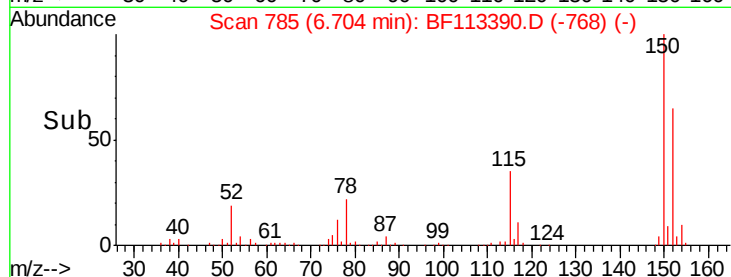
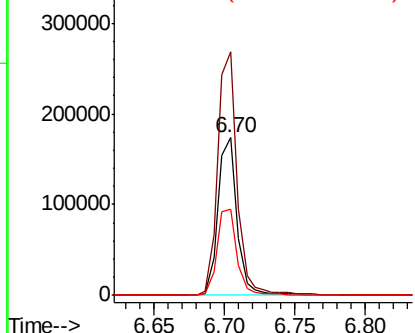
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

Tot Ion:152 Resp: 164835
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 54.9 46.0 69.0



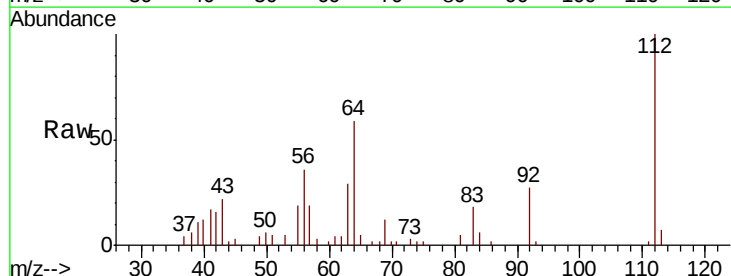
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



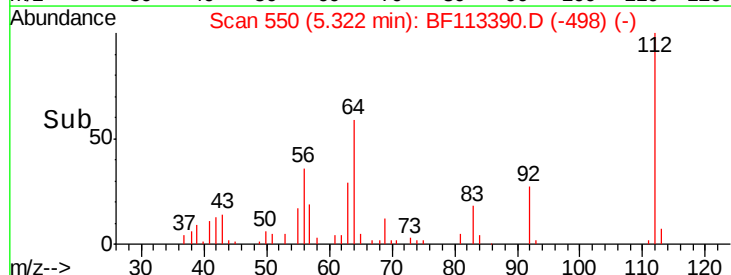
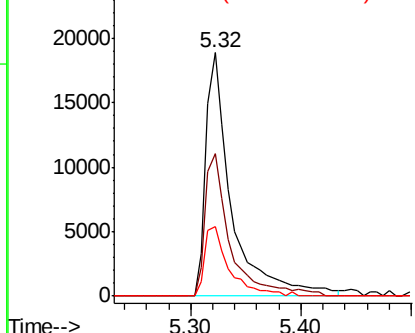
#5

2-Fluorophenol
Concen: 2.964 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Tgt Ion:112 Resp: 29883
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 28.8 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: 2.130 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

Instrument :

BNA_F

ClientSampleId :

30099-30100-OW-6

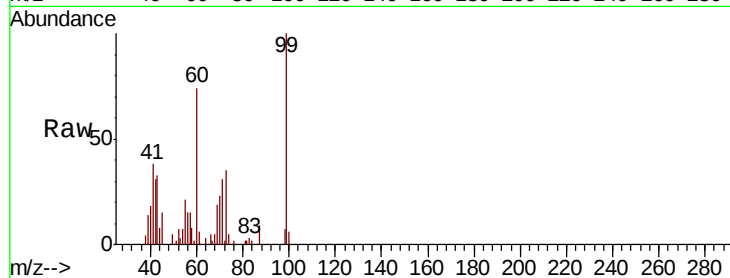
Tot Ion: 99 Resp: 27165

Ion Ratio Lower Upper

99 100

42 31.2 14.8 22.2#

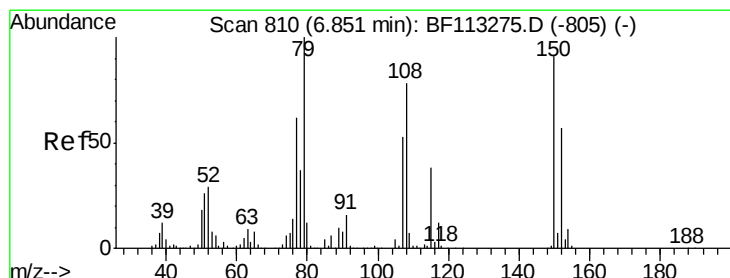
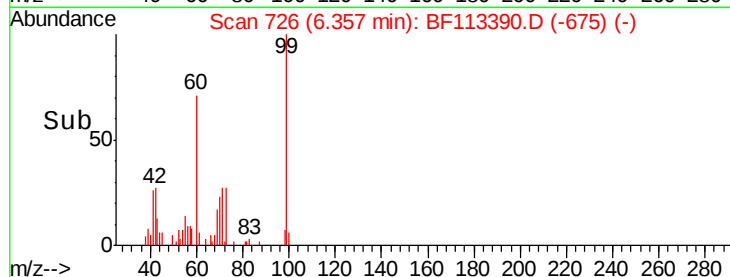
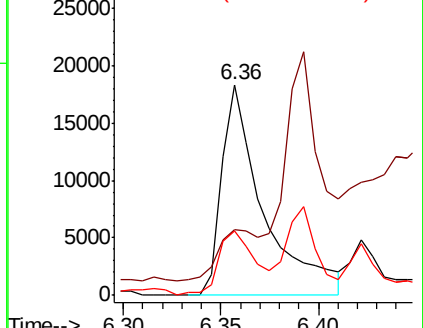
71 30.9 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.843 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.04 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

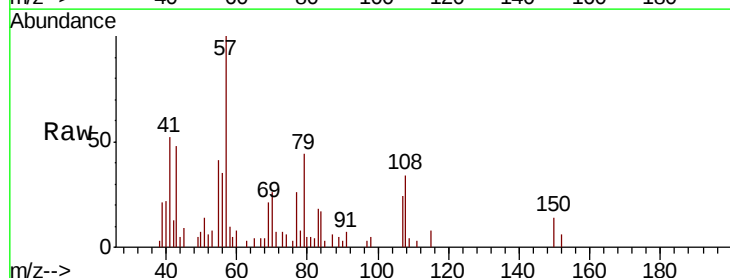
Tgt Ion: 79 Resp: 23919

Ion Ratio Lower Upper

79 100

108 78.3 62.0 93.0

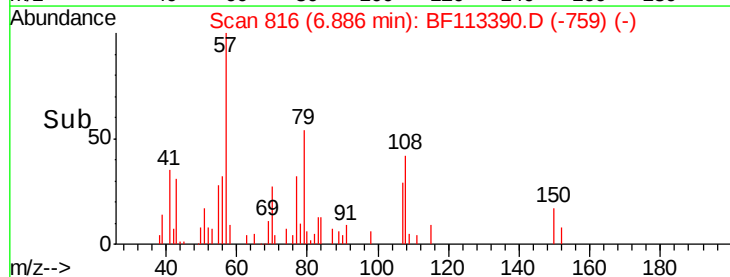
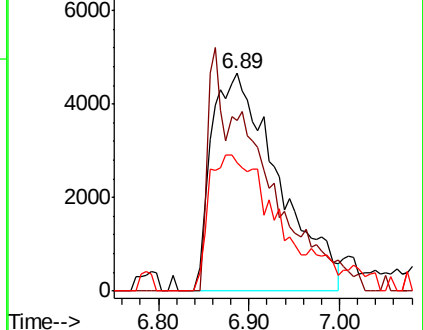
77 58.9 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

Instrument :

BNA_F

ClientSampleId :

30099-30100-OW-6

Tot Ion:136 Resp: 652066

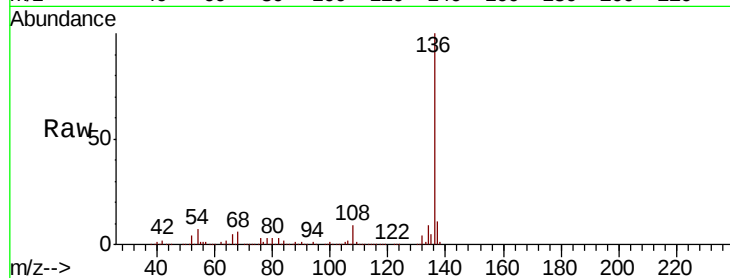
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 7.0 10.6

68 5.9 4.8 7.2

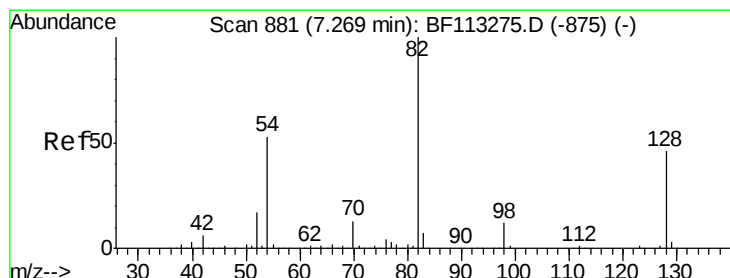
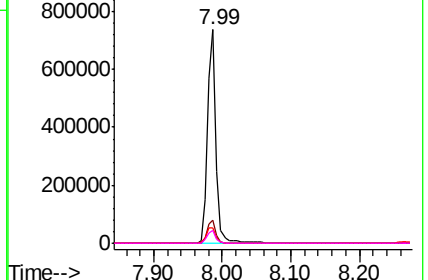
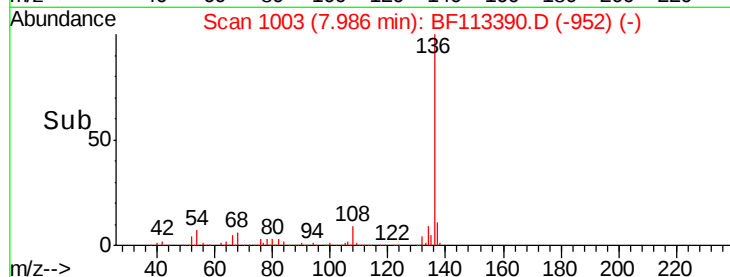


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 4.430 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

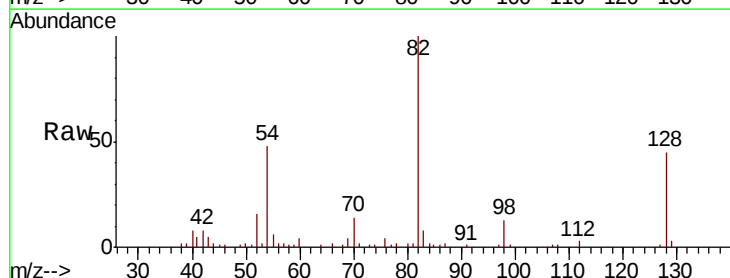
Tgt Ion: 82 Resp: 48665

Ion Ratio Lower Upper

82 100

128 44.7 36.5 54.7

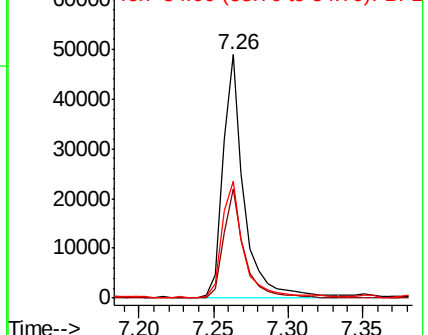
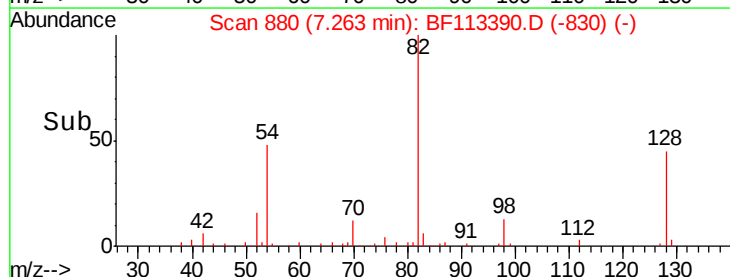
54 48.1 42.2 63.2

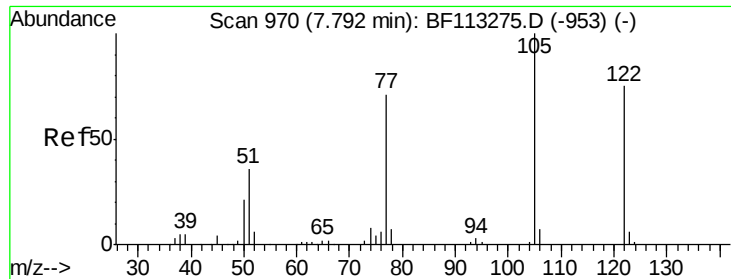


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

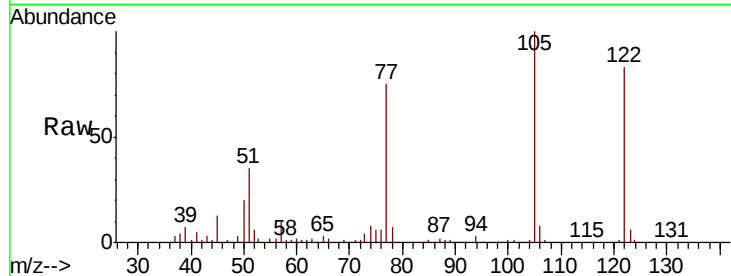




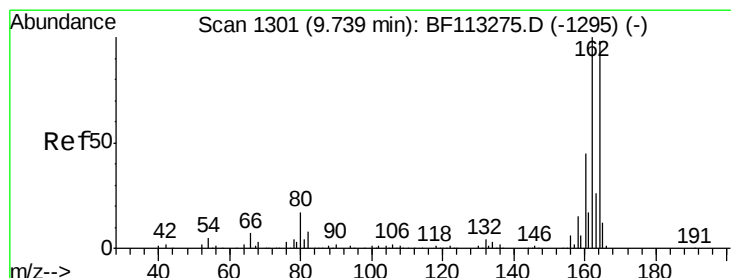
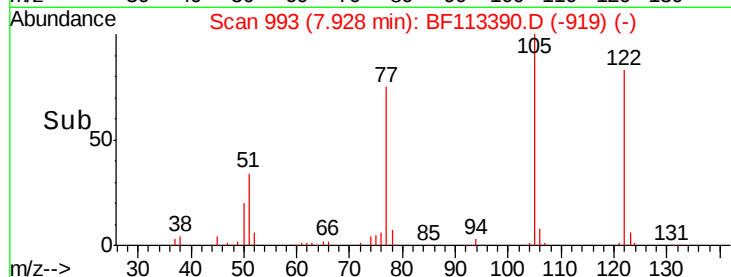
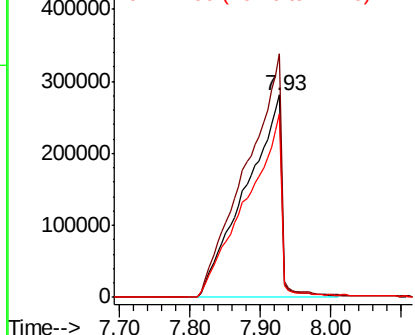
#32
Benzoic acid
Concen: 141.661 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.14 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

Tot Ion:122 Resp: 993976
Ion Ratio Lower Upper
122 100
105 120.3 100.4 140.4
77 90.5 69.0 109.0

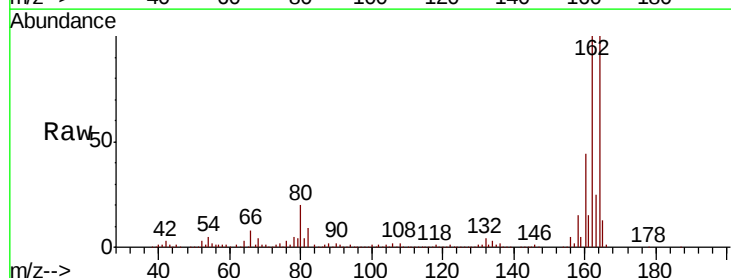


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

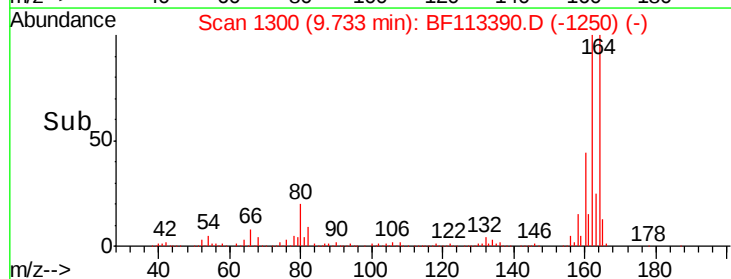
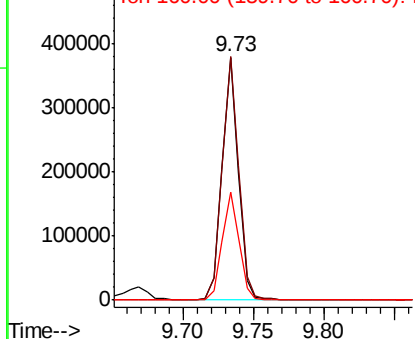


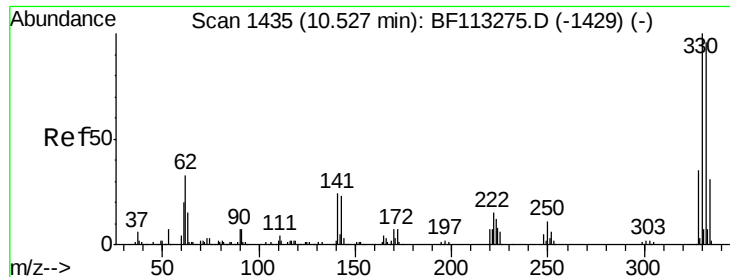
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Tgt Ion:164 Resp: 305204
Ion Ratio Lower Upper
164 100
162 100.2 81.8 122.6
160 44.5 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

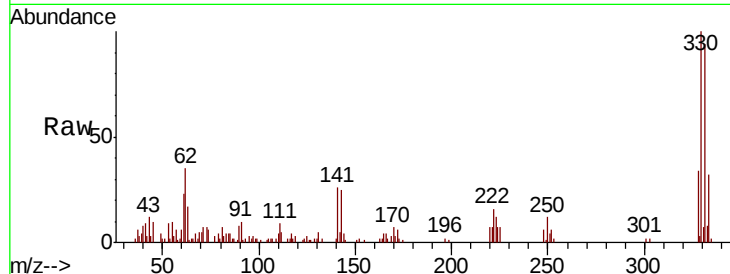




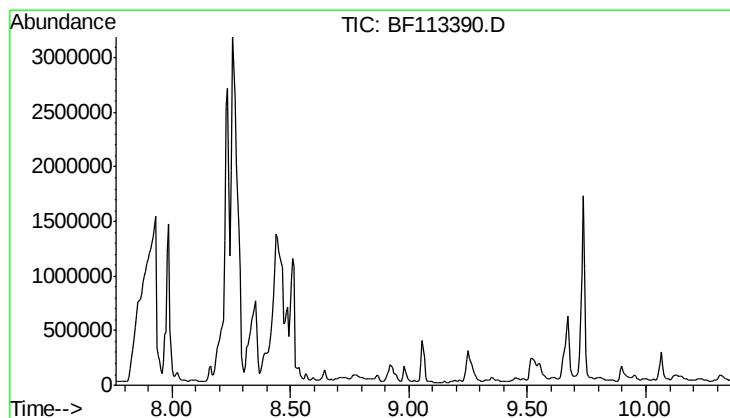
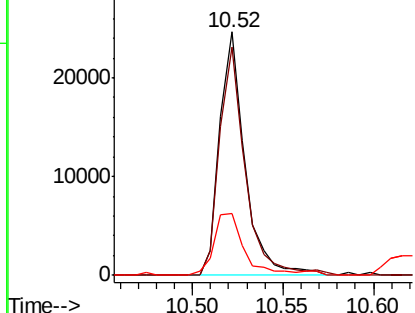
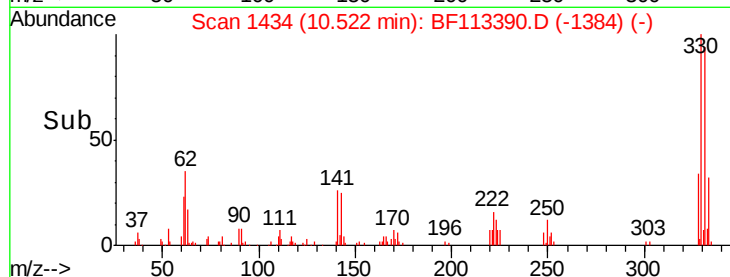
#42
 2,4,6-Tribromophenol
 Concen: 6.383 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

Instrument :
 BNA_F
 ClientSampleId :
 30099-30100-OW-6

Tot Ion: 330 Resp: 24065
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.8 116.6
 141 30.1 22.7 34.1

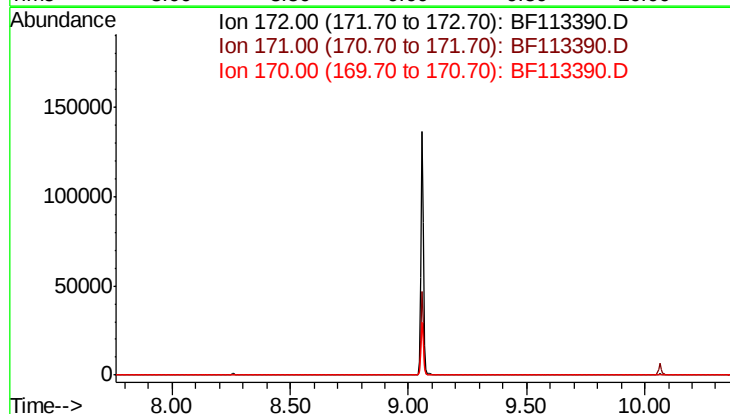


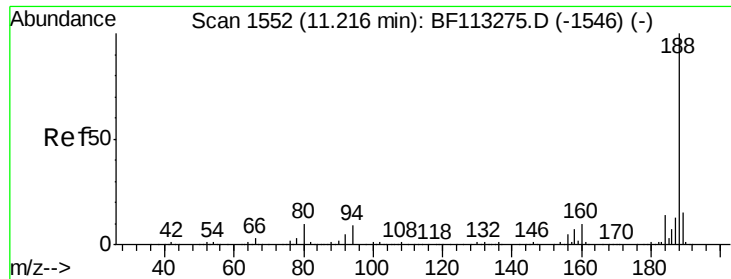
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.06 min
 Lab File: BF113390.D
 Acq: 28 Mar 2019 22:56

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.3
 170 24.4

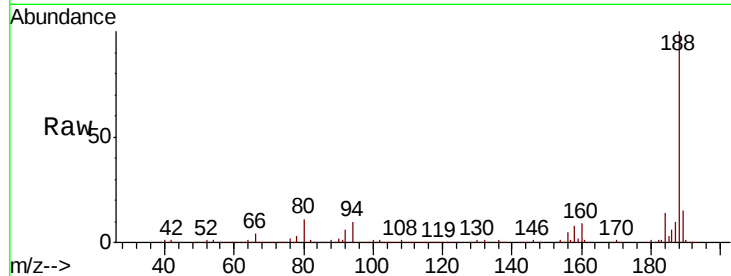




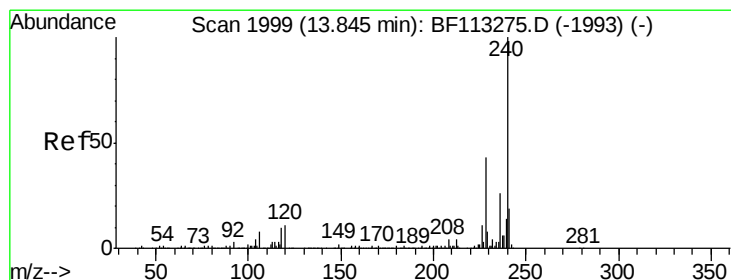
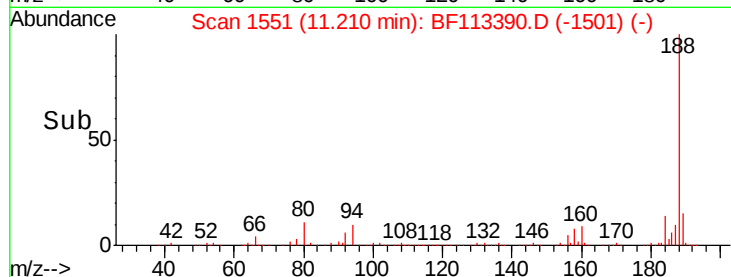
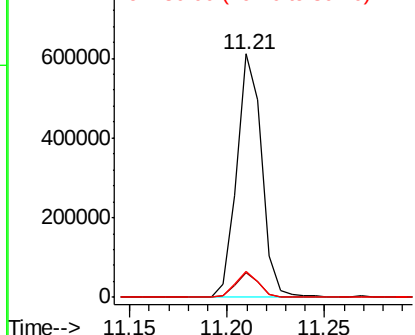
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Instrument :
BNA_F
ClientSampleId :
30099-30100-OW-6

Tot Ion:188 Resp: 542711
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.7 7.7 11.5

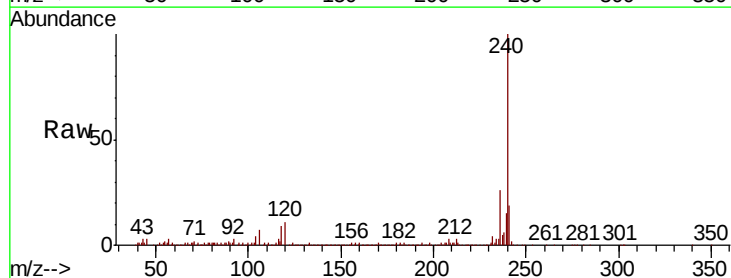


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

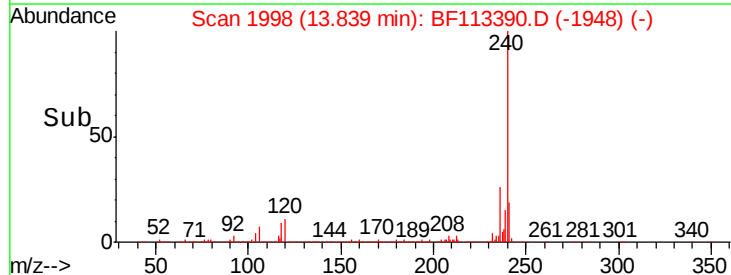
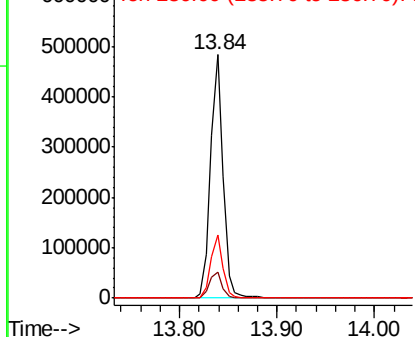


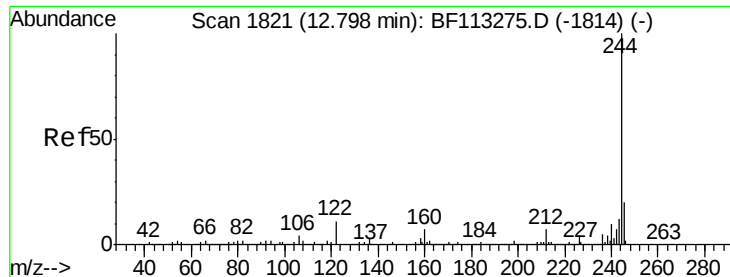
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113390.D
Acq: 28 Mar 2019 22:56

Tgt Ion:240 Resp: 432425
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.8 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: 3.887 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

Instrument :

BNA_F

ClientSampleId :

30099-30100-OW-6

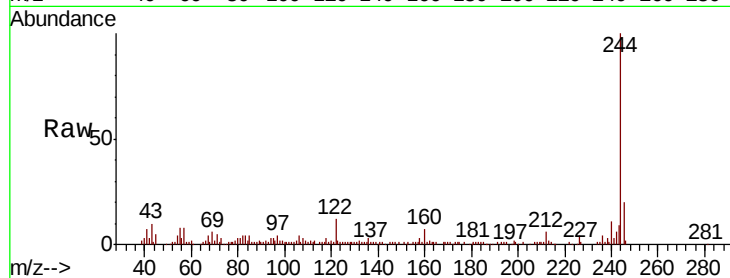
Tot Ion:244 Resp: 76264

Ion Ratio Lower Upper

244 100

212 6.0 5.5 8.3

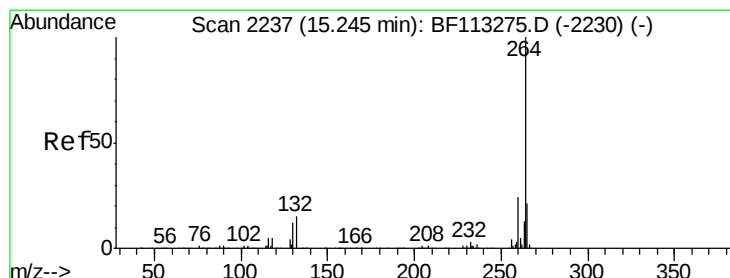
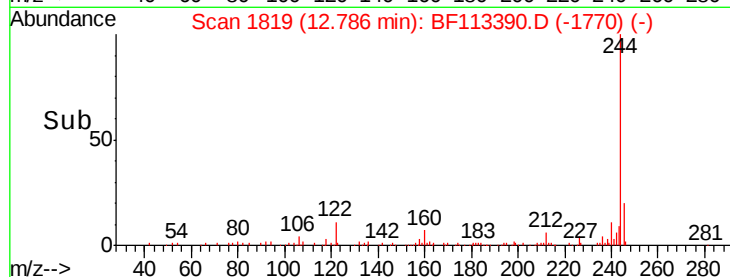
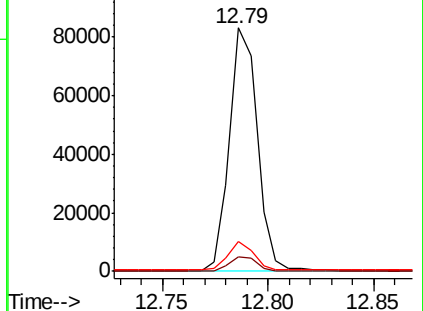
122 12.1 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113390.D

Acq: 28 Mar 2019 22:56

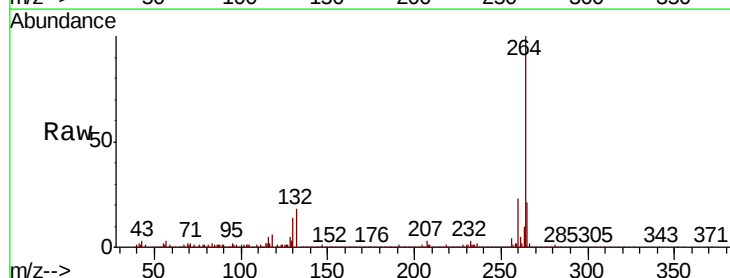
Tgt Ion:264 Resp: 433396

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.5 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

