

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113091.D
 Acq On : 18 Mar 2019 15:38
 Operator : JU/SJ
 Sample : K1940-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS

Quant Time: Mar 19 05:24:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

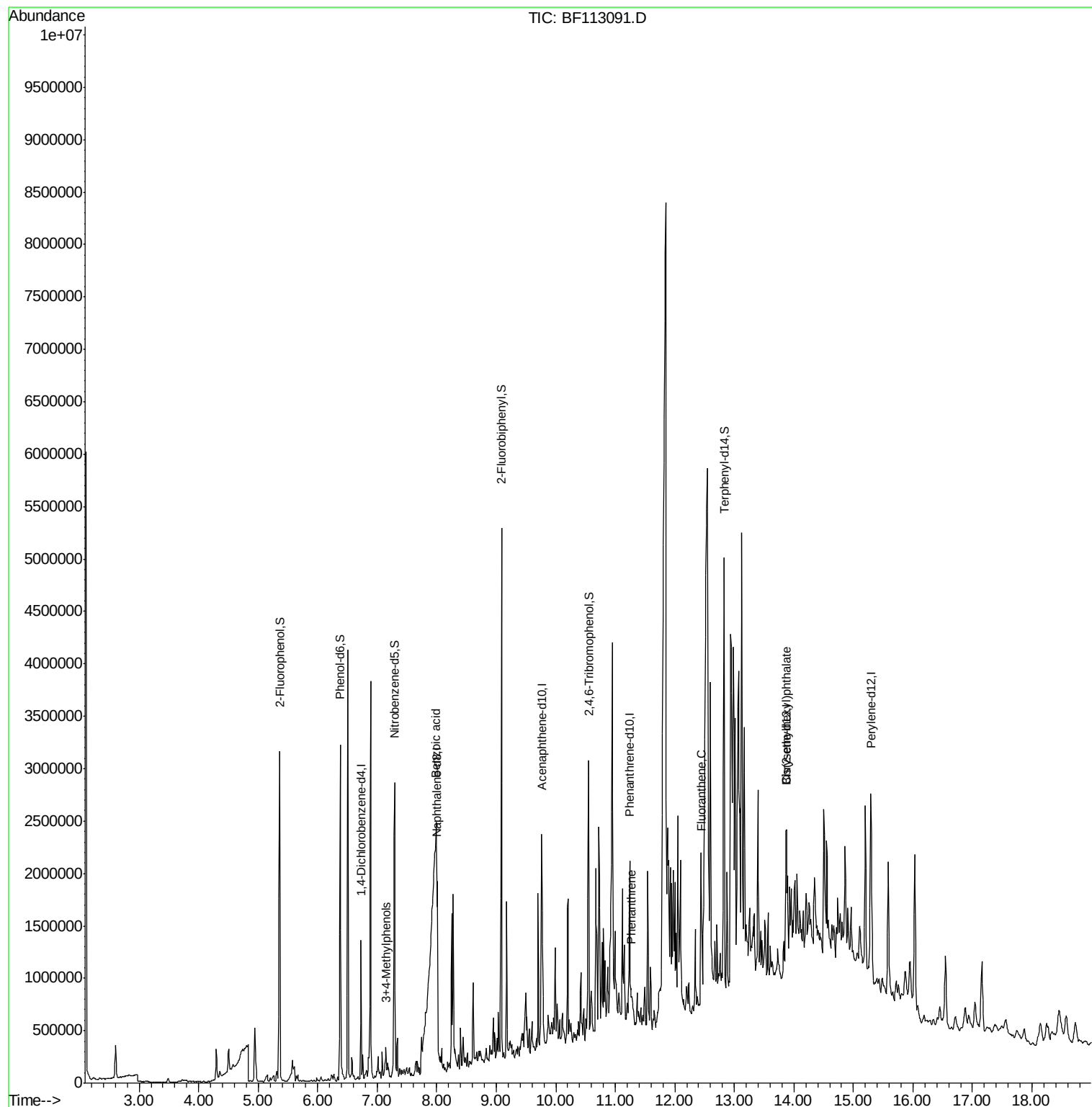
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	191659	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	674989	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	305923	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	547300	20.00	ng	0.00
76) Chrysene-d12	13.87	240	505162	20.00	ng	0.00
87) Perylene-d12	15.29	264	504368	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	993432	80.63	ng	0.02
7) Phenol-d6	6.38	99	1211323	78.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	940578	83.38	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	398339	122.65	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1645923	90.77	ng	0.00
79) Terphenyl-d14	12.83	244	1556913	59.74	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.15	107	79953	6.365	ng	Qvalue # 55
32) Benzoic acid	7.99	122	3405788	499.764	ng	93
71) Phenanthrene	11.26	178	73542	2.701	ng	96
75) Fluoranthene	12.45	202	62180	2.131	ng	96
84) Bis(2-ethylhexyl)phthalate	13.86	149	131124	5.947	ng	# 99

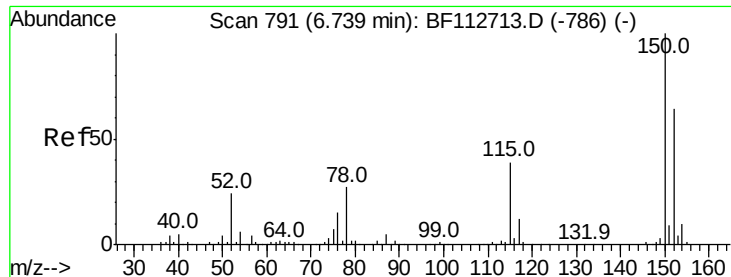
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113091.D
Acq On : 18 Mar 2019 15:38
Operator : JU/SJ
Sample : K1940-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWS

Quant Time: Mar 19 05:24:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



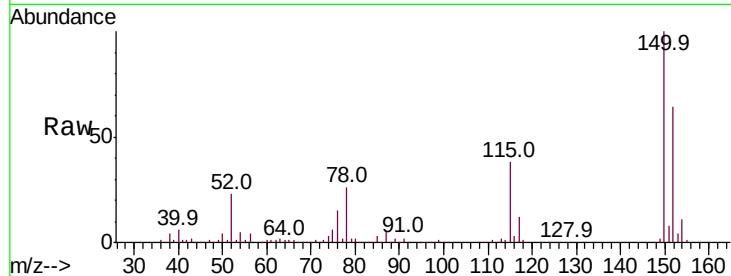


#1

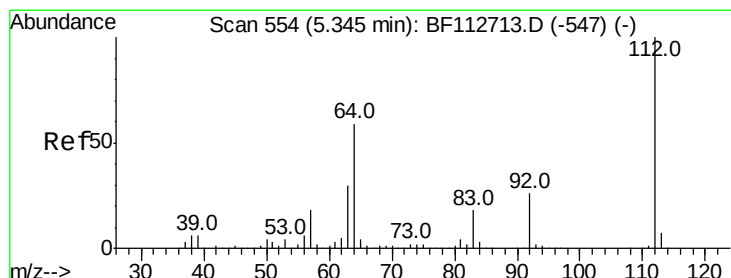
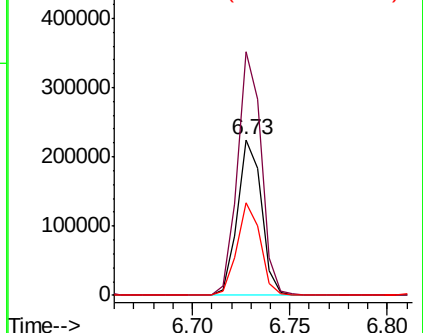
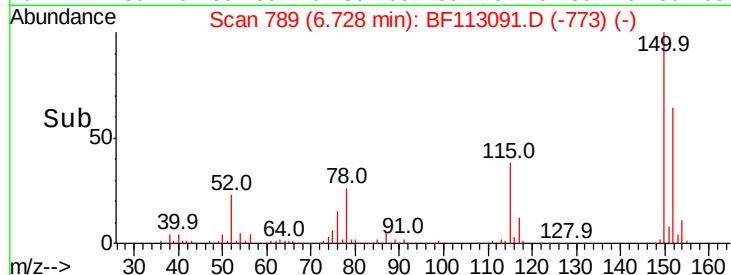
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tot Ion:152 Resp: 191659
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 59.8 48.2 72.4



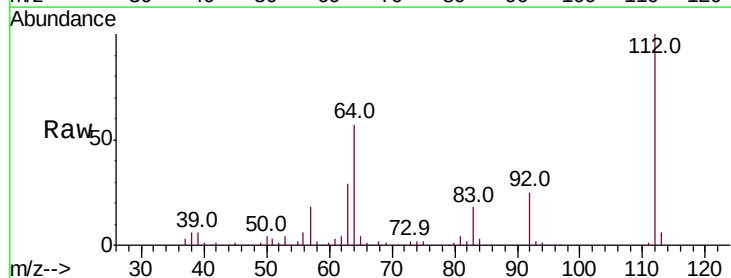
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



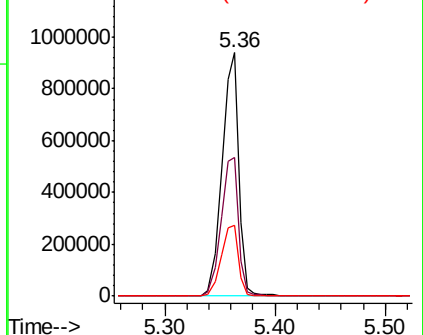
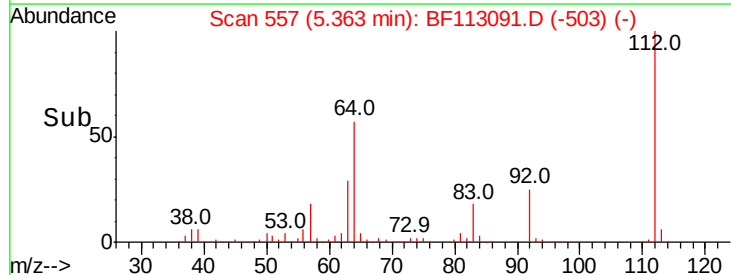
#5

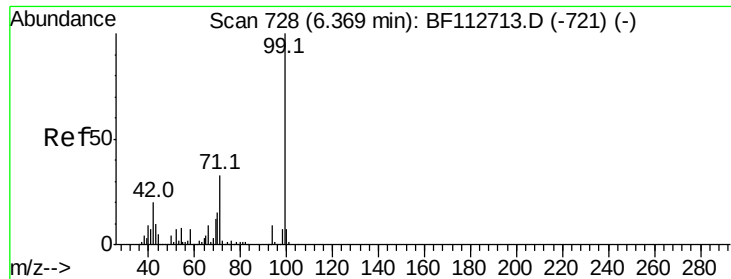
2-Fluorophenol
Concen: 80.629 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:112 Resp: 993432
Ion Ratio Lower Upper
112 100
64 56.9 47.6 71.4
63 29.1 24.4 36.6



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: 78.265 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

OWS

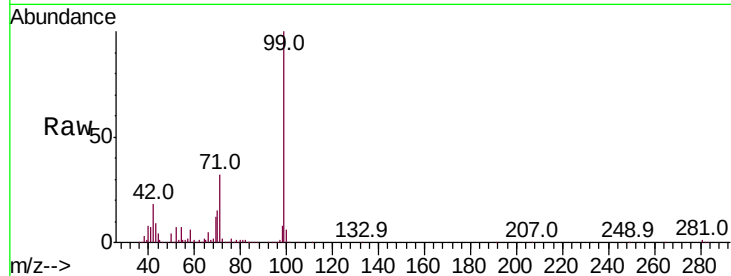
Tot Ion: 99 Resp: 1211323

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

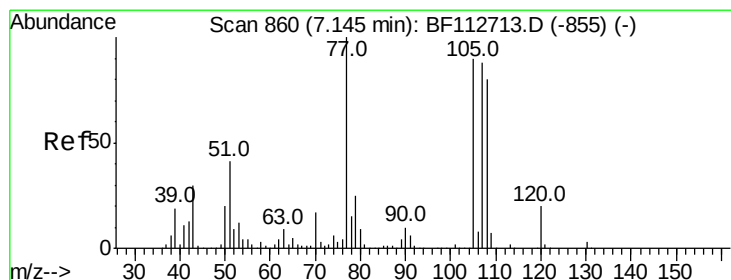
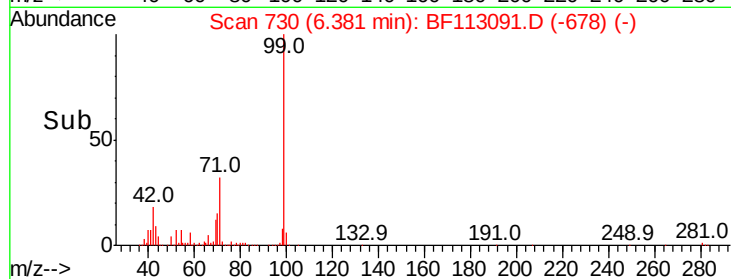
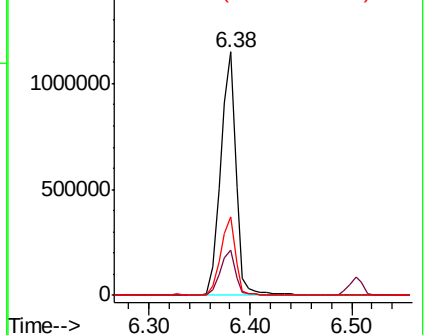
71 32.2 26.2 39.4



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



#20

3+4-Methylphenols

Concen: 6.365 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

Tgt Ion:107 Resp: 79953

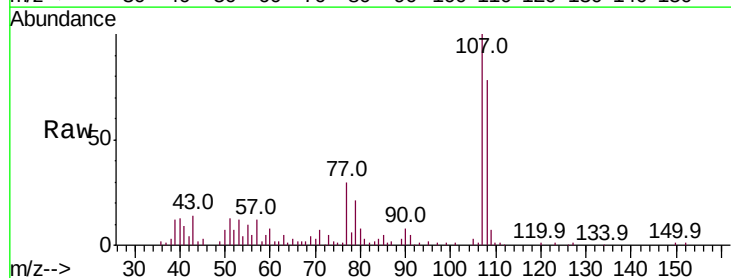
Ion Ratio Lower Upper

107 100

108 78.4 71.4 111.4

77 30.2 94.1 134.1#

79 20.7 8.6 48.6

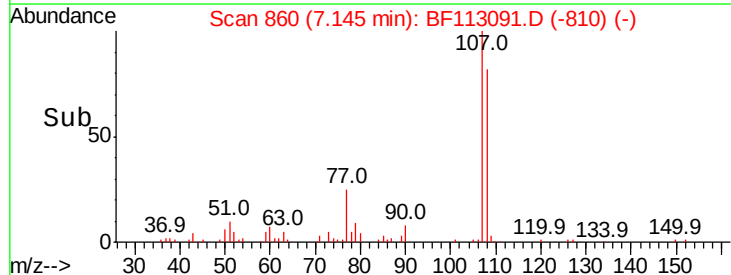
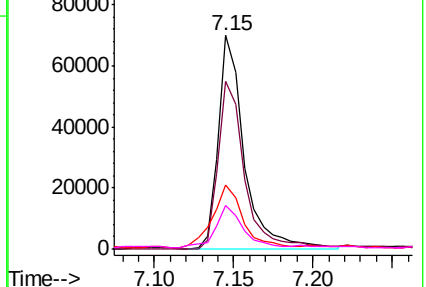


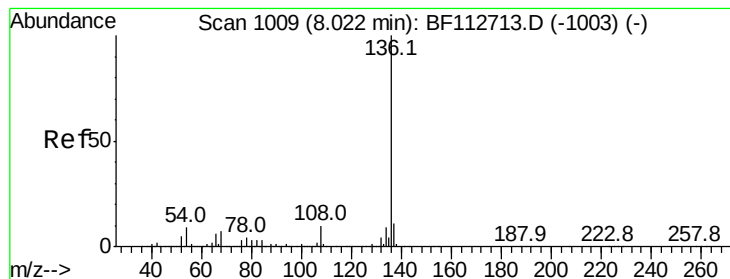
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

OWS

Tot Ion:136 Resp: 674989

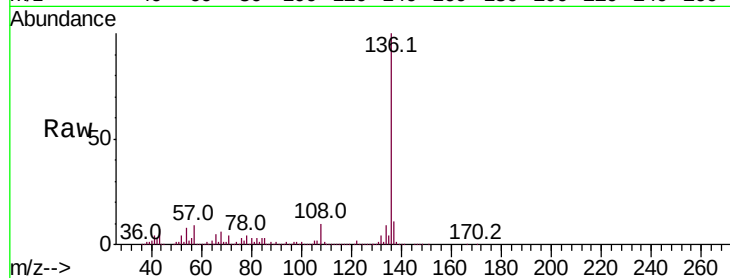
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 7.3 10.9

68 6.0 5.4 8.2

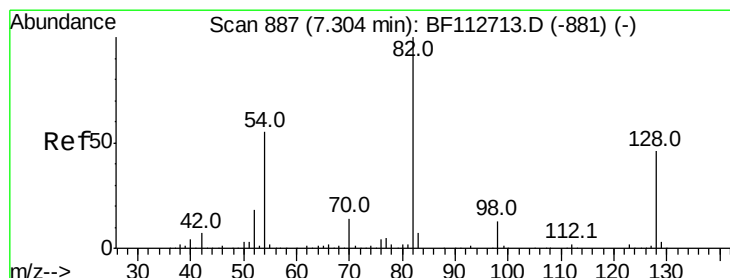
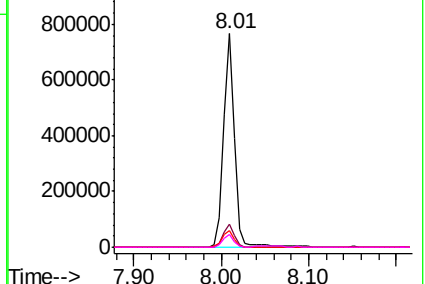
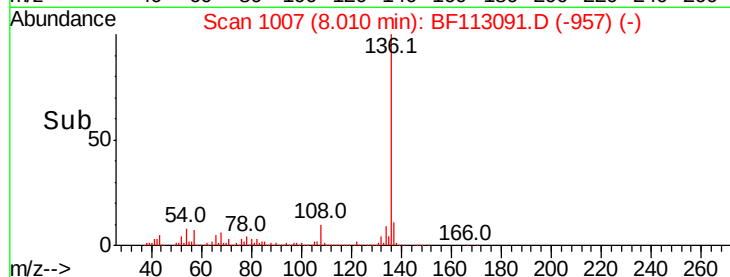


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.382 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

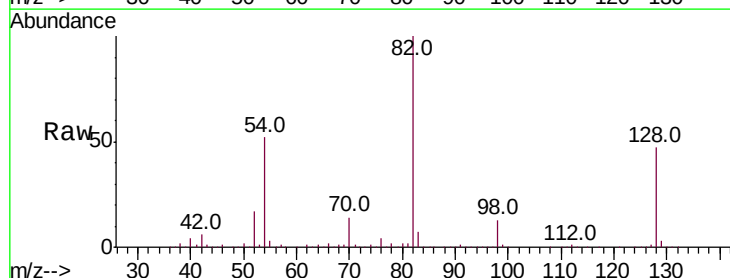
Tgt Ion: 82 Resp: 940578

Ion Ratio Lower Upper

82 100

128 47.2 36.3 54.5

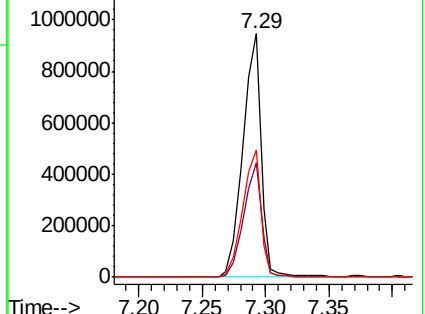
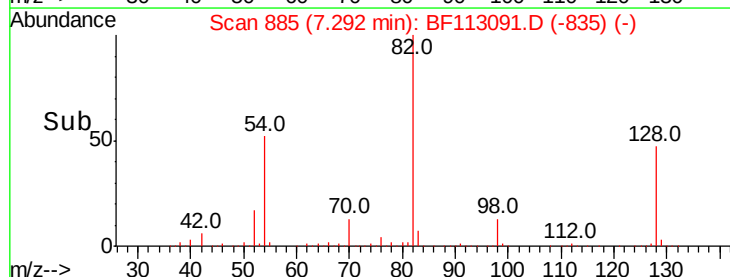
54 52.5 43.7 65.5

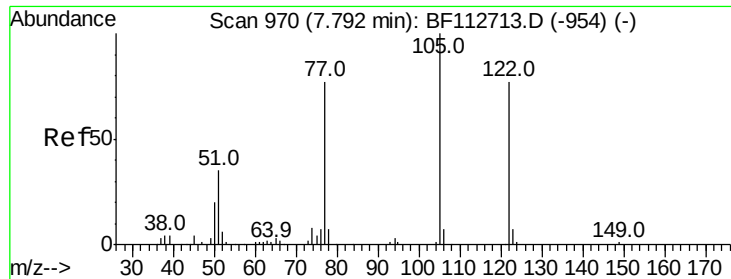


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 499.764 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.18 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

OWS

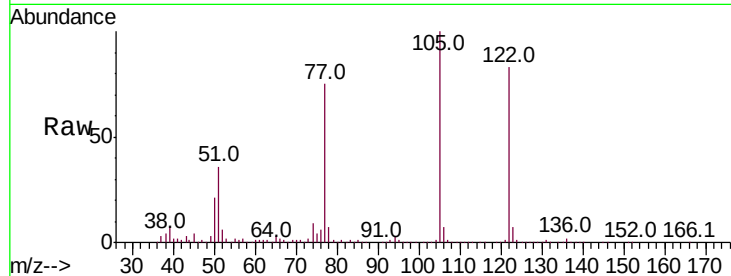
Tot Ion:122 Resp: 3405788

Ion Ratio Lower Upper

122 100

105 119.9 106.8 146.8

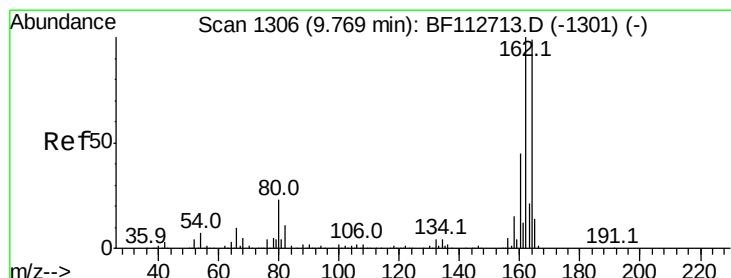
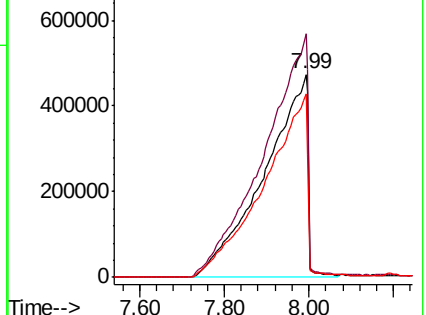
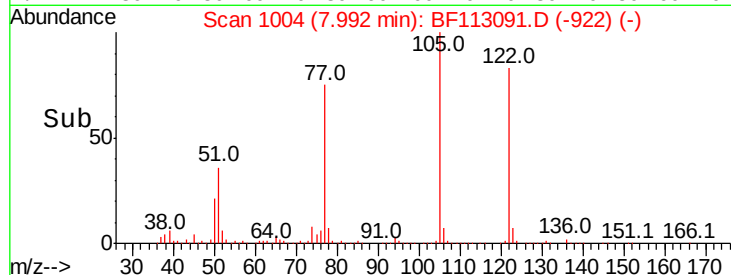
77 90.3 79.4 119.4



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

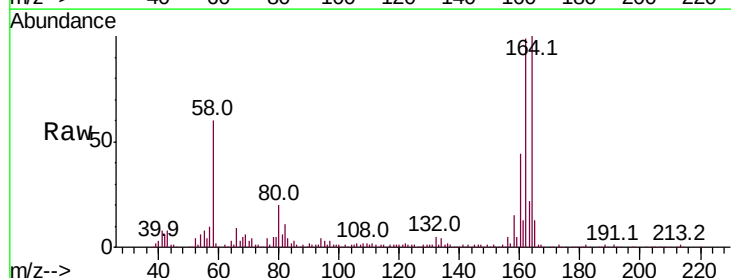
Tgt Ion:164 Resp: 305923

Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

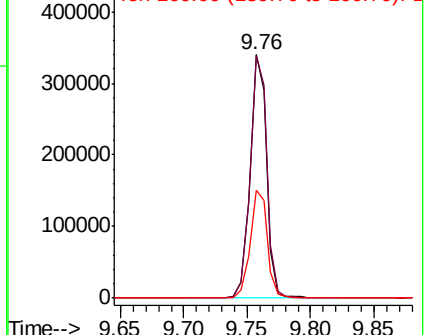
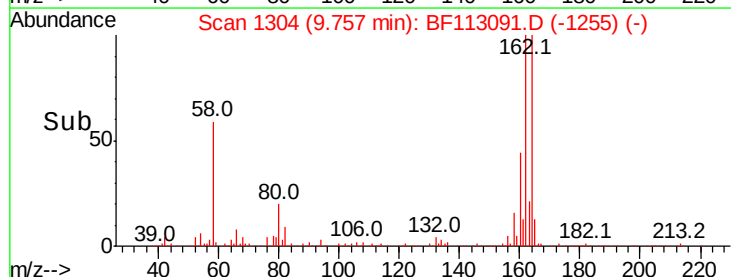
160 44.1 36.0 54.0

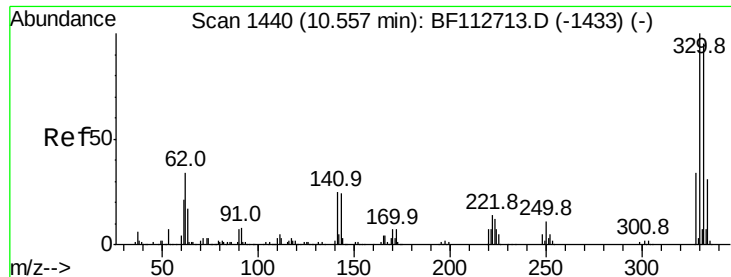


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

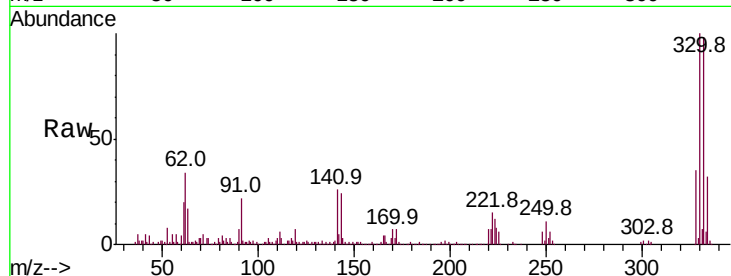




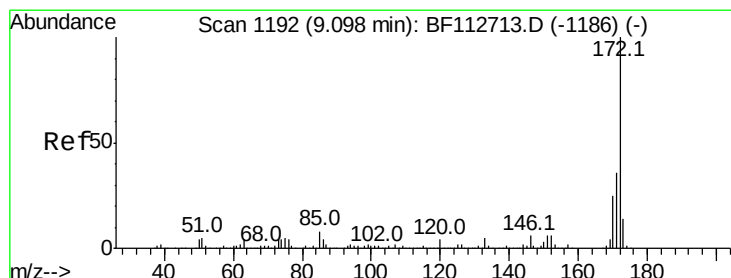
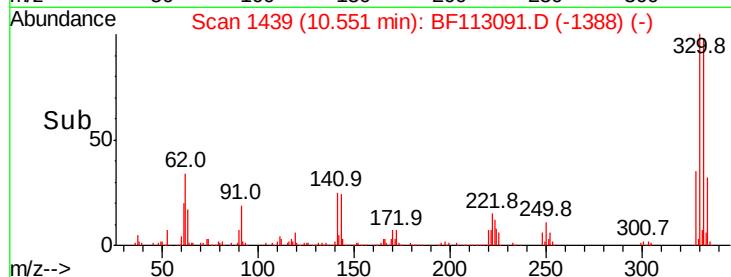
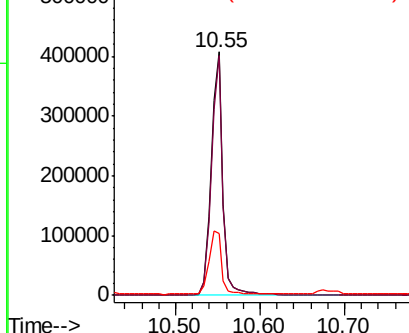
#42
 2,4,6-Tribromophenol
 Concen: 122.651 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113091.D
 Acq: 18 Mar 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 OWS

Tot Ion:330 Resp: 398339
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 27.9 27.0 40.6

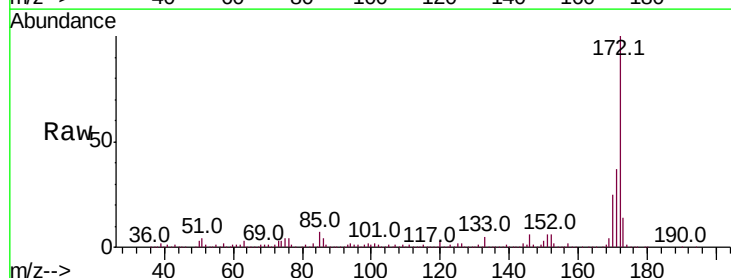


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

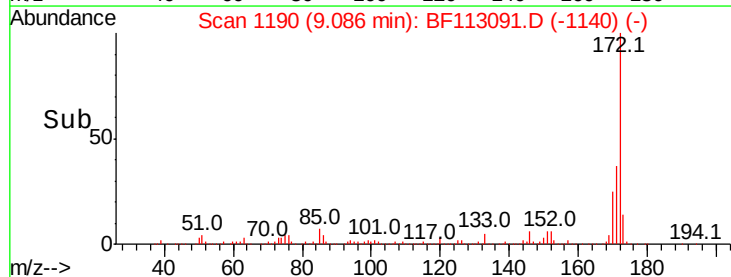
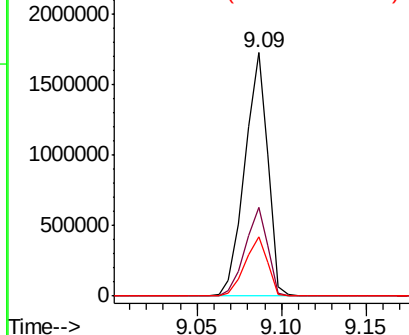


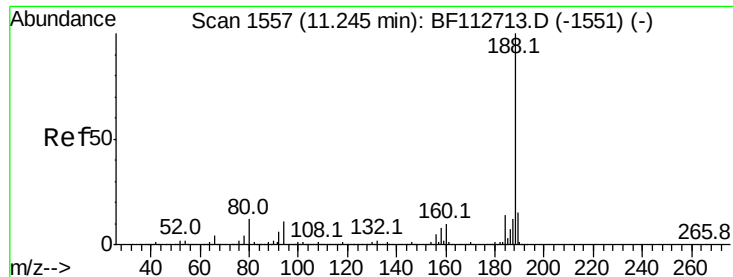
#45
 2-Fluorobiphenyl
 Concen: 90.766 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113091.D
 Acq: 18 Mar 2019 15:38

Tgt Ion:172 Resp: 1645923
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.4
 170 24.6 20.0 30.0



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

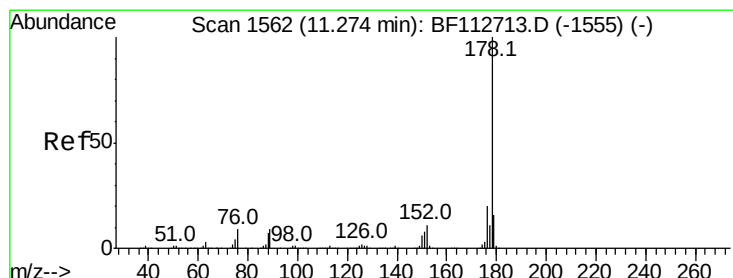
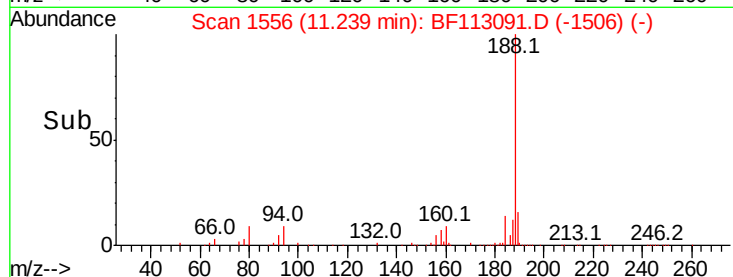
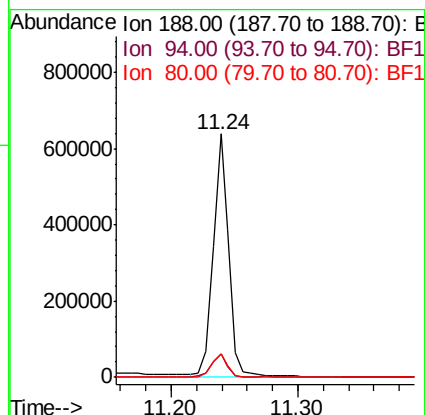
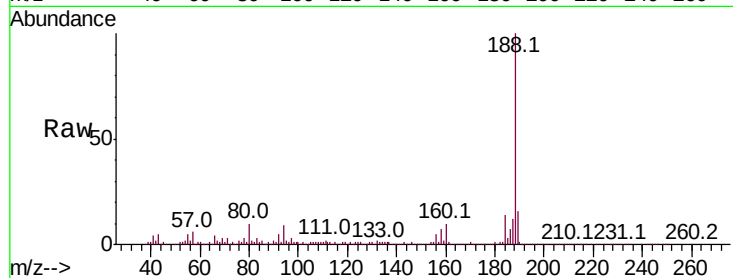




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

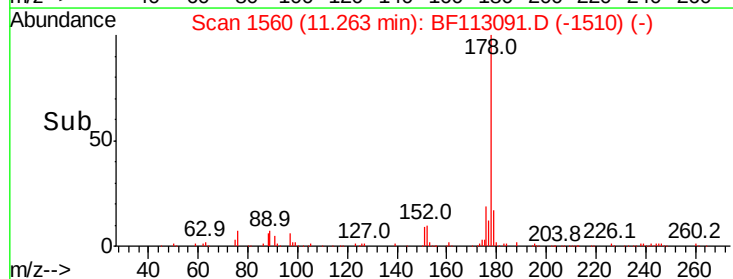
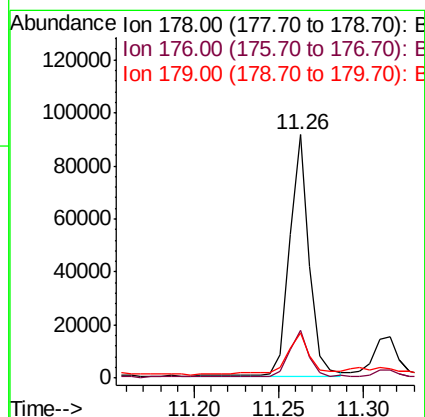
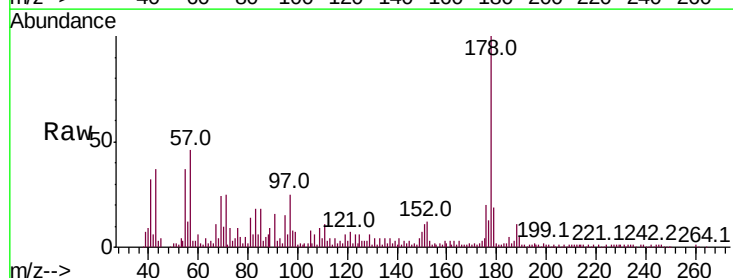
Instrument :
BNA_F
ClientSampleId :
OWS

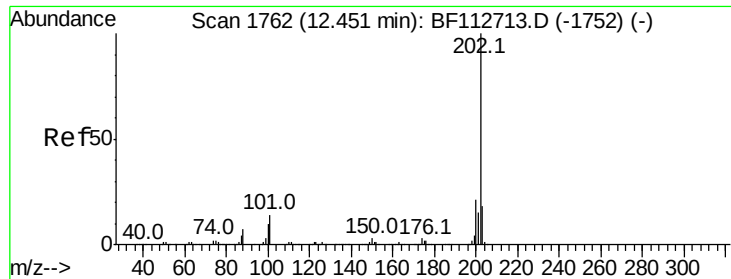
Tot Ion:188 Resp: 547300
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.6 9.2 13.8



#71
Phenanthrene
Concen: 2.701 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion:178 Resp: 73542
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 18.8 12.7 19.1

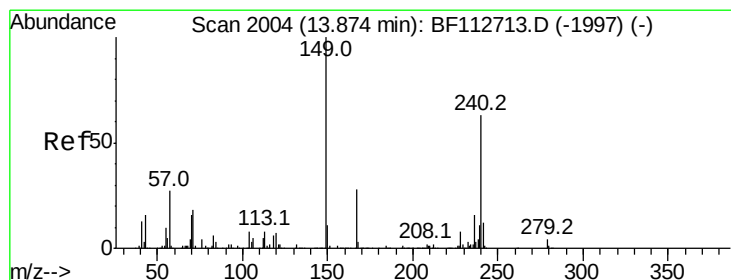
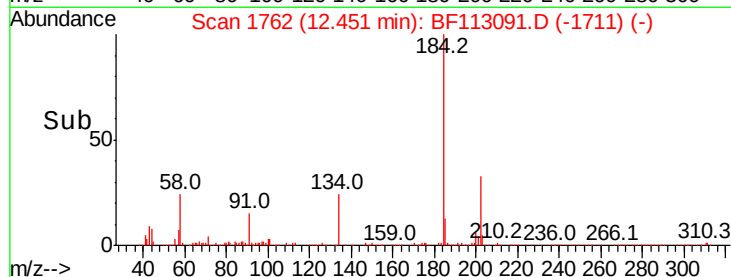
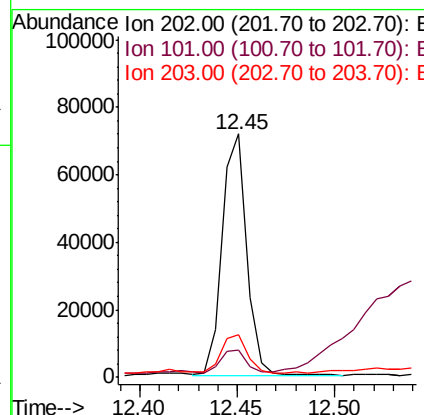
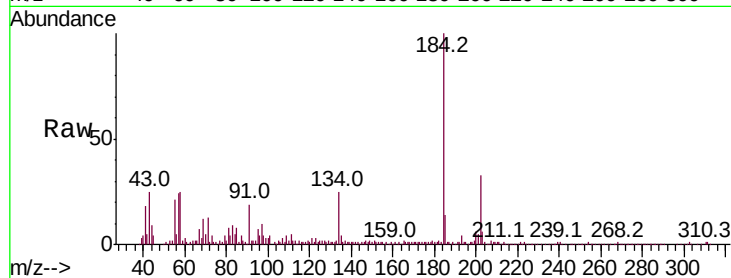




#75
Fluoranthene
Concen: 2.131 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

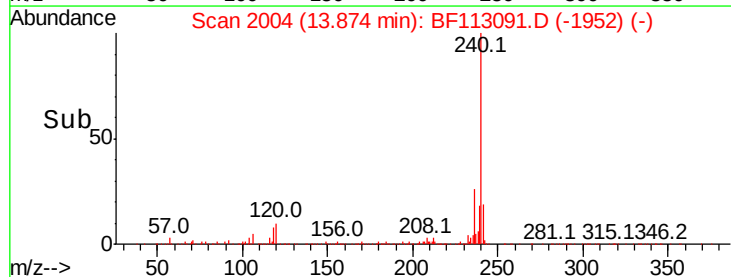
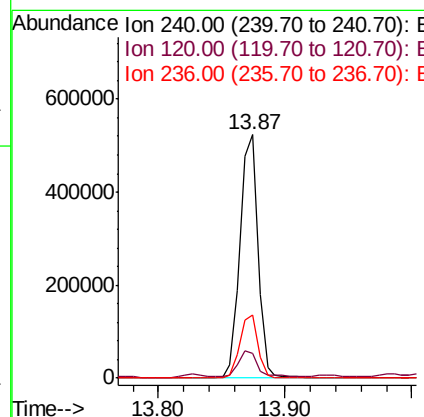
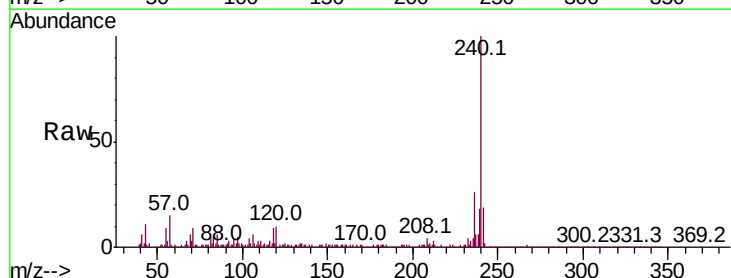
Instrument :
BNA_F
ClientSampled :
OWS

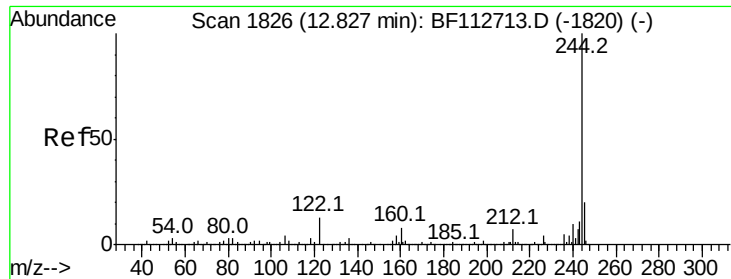
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.8
203	17.7	0.0	38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.1	20.7	31.1





#79

Terphenyl-d14

Concen: 59.745 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

Instrument :

BNA_F

ClientSampleId :

OWS

Tot Ion:244 Resp: 1556913

Ion Ratio Lower Upper

244 100

212 6.9

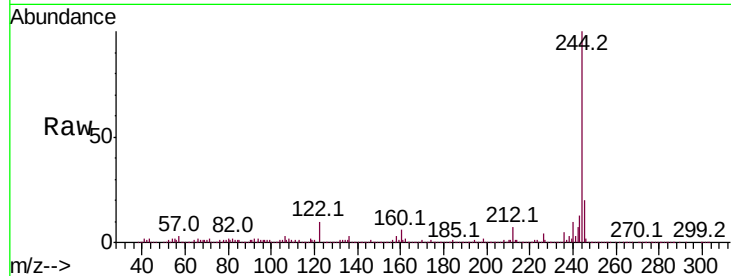
122 10.5

5.6

10.5

8.4

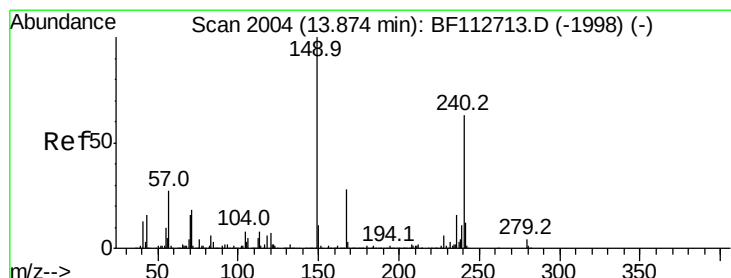
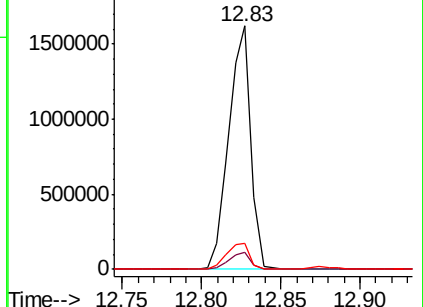
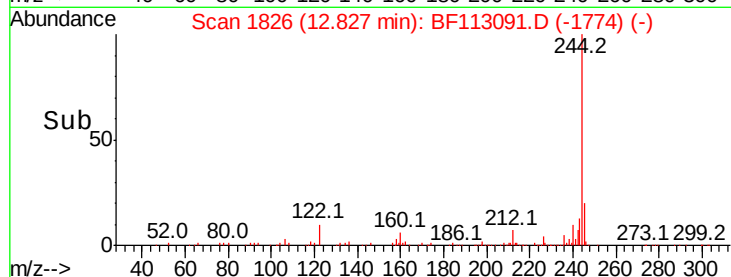
15.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.947 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF113091.D

Acq: 18 Mar 2019 15:38

Tgt Ion:149 Resp: 131124

Ion Ratio Lower Upper

149 100

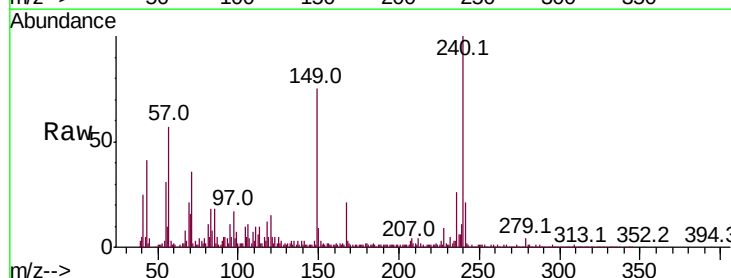
167 28.3

279 5.5

22.4

33.6

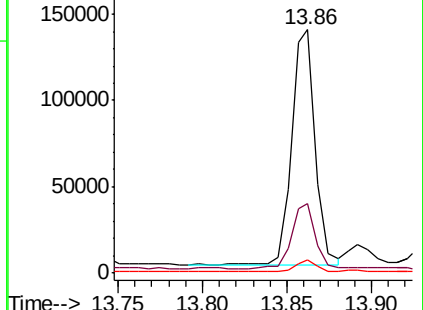
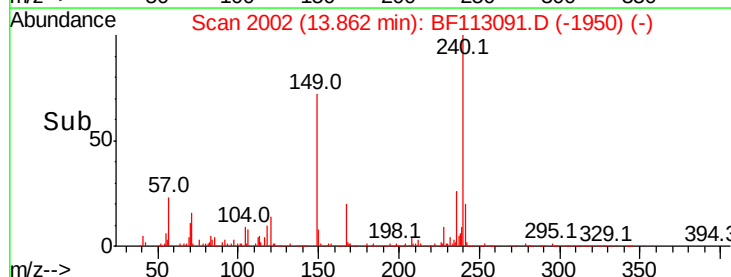
4.9#

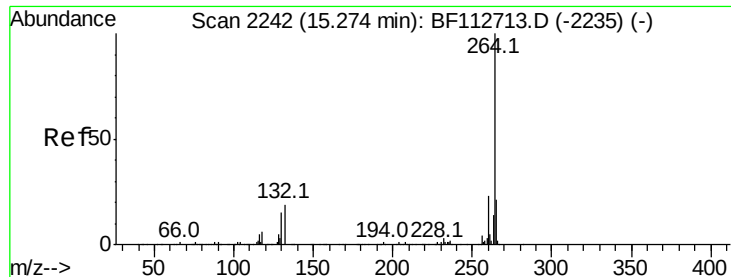


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



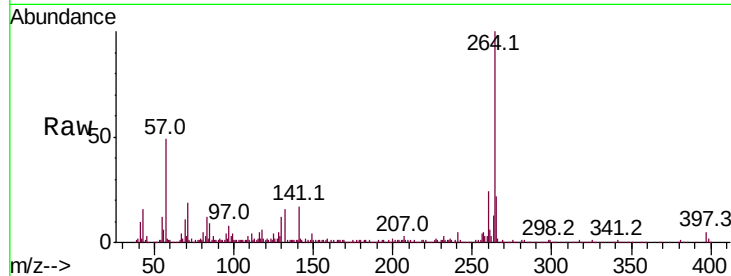


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF113091.D
Acq: 18 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
OWS

Tot Ion: 264 Resp: 504368

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.2	25.8



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

