

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113086.D
 Acq On : 18 Mar 2019 13:21
 Operator : JU/SJ
 Sample : K1933-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Quant Time: Mar 19 05:10:28 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

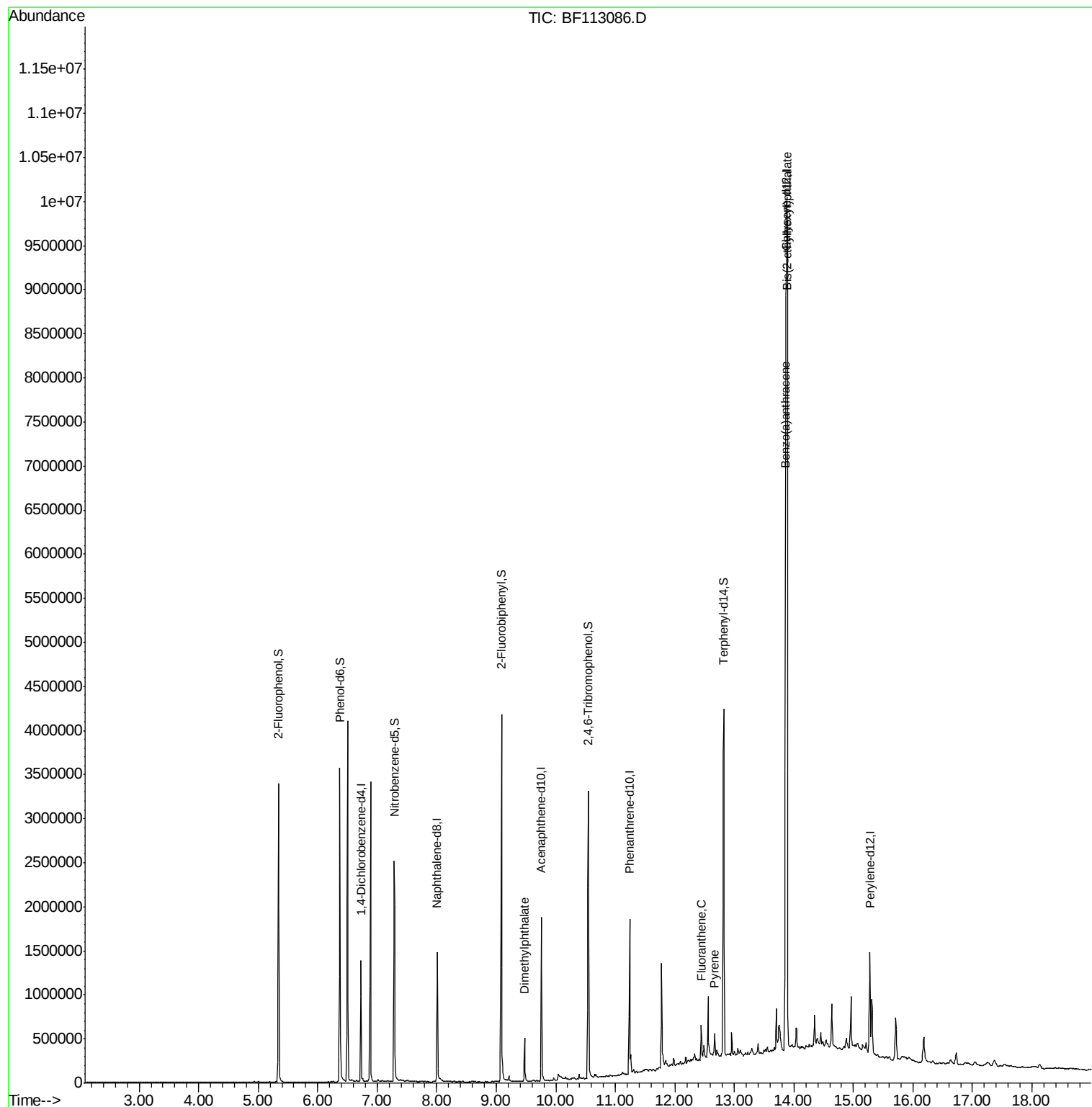
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195061	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	741381	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	364531	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	749380	20.00	ng	0.00
76) Chrysene-d12	13.86	240	273353	20.00	ng	0.00
87) Perylene-d12	15.27	264	533086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	995460	79.38	ng	0.00
7) Phenol-d6	6.37	99	1473665	93.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	886466	71.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	473320	122.31	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1490504	63.34	ng	0.00
79) Terphenyl-d14	12.82	244	1499633	106.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	209358	7.789	ng	99
75) Fluoranthene	12.44	202	141340	3.538	ng	96
78) Pyrene	12.67	202	114373	4.963	ng	98
81) Benzo(a)anthracene	13.85	228	38134	2.013	ng	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	6282532	526.569	ng	# 95

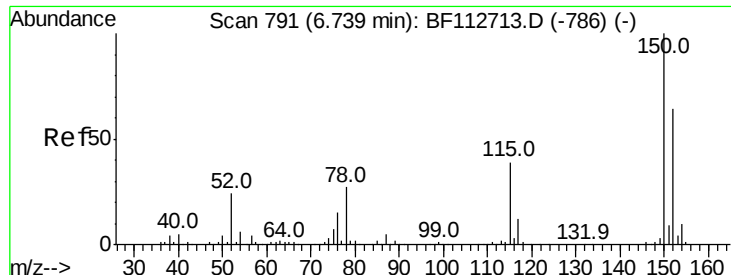
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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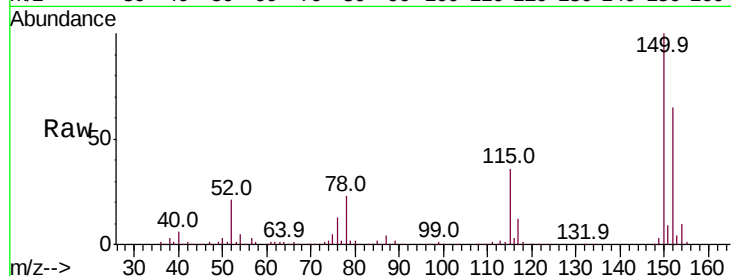


#1

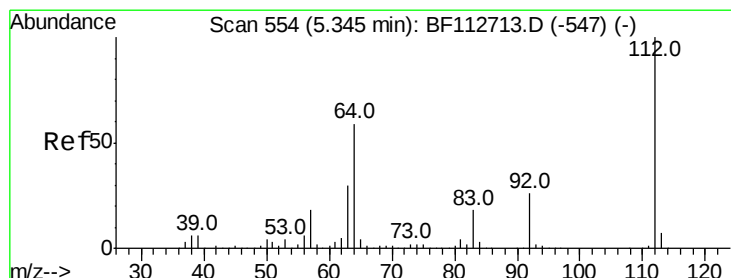
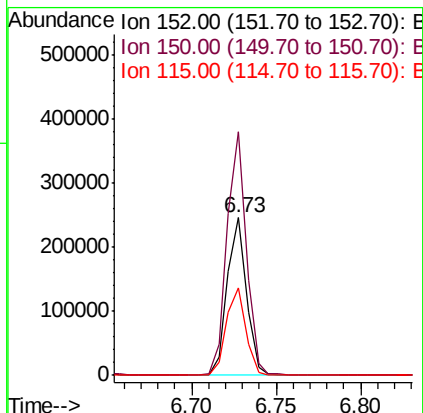
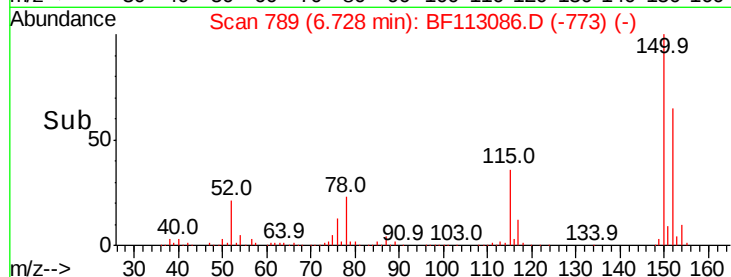
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Instrument :
BNA_F
ClientSampleId :
S-5

Tot Ion:152 Resp: 195061
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 55.8 48.2 72.4



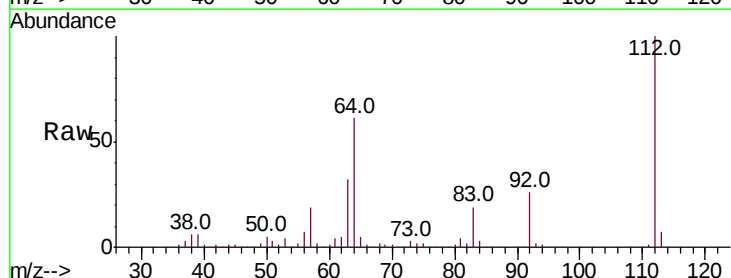
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



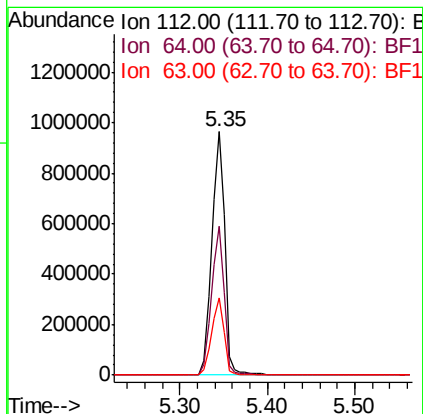
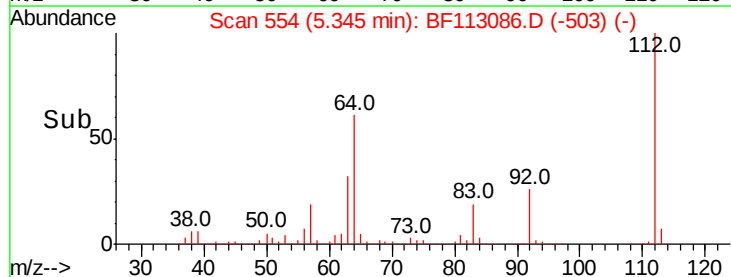
#5

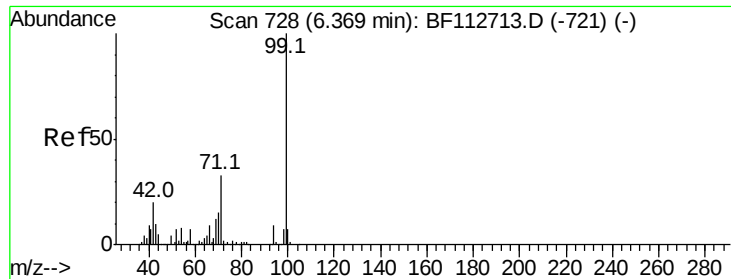
2-Fluorophenol
Concen: 79.384 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Tgt Ion:112 Resp: 995460
Ion Ratio Lower Upper
112 100
64 61.1 47.6 71.4
63 31.5 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: 93.554 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Instrument :

BNA_F

ClientSampleId :

S-5

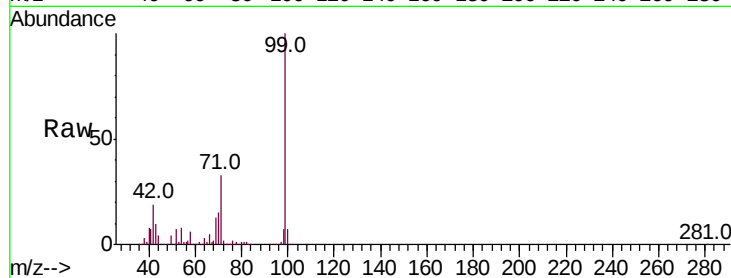
Tot Ion: 99 Resp: 1473665

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

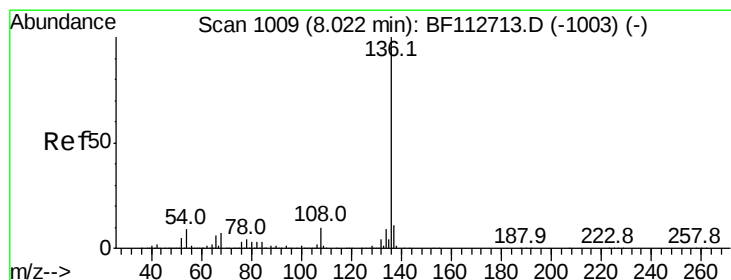
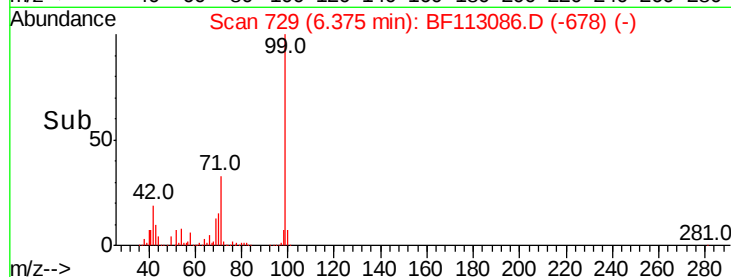
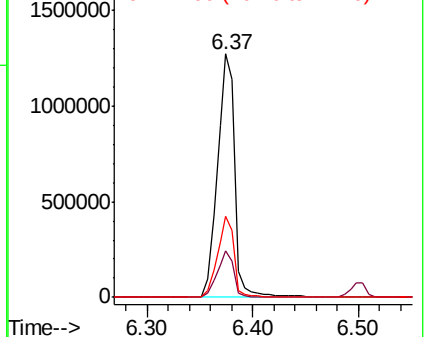
71 33.0 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Tgt Ion: 136 Resp: 741381

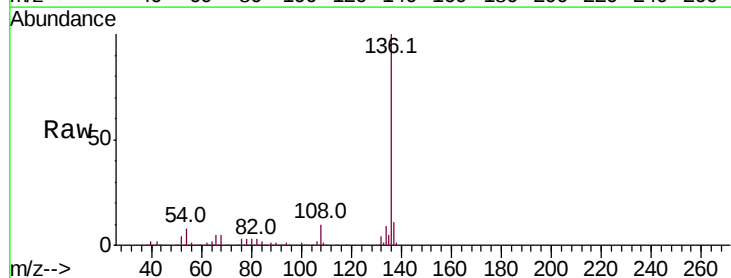
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 7.3 10.9

68 5.5 5.4 8.2

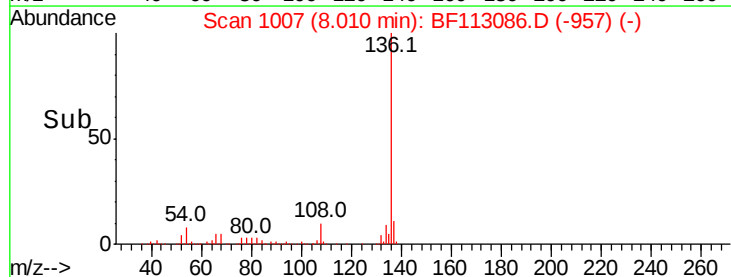
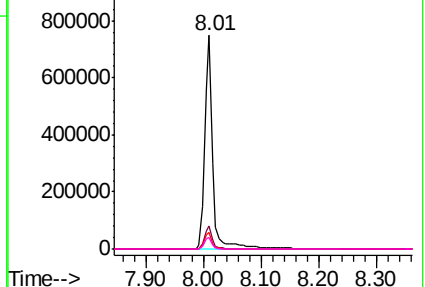


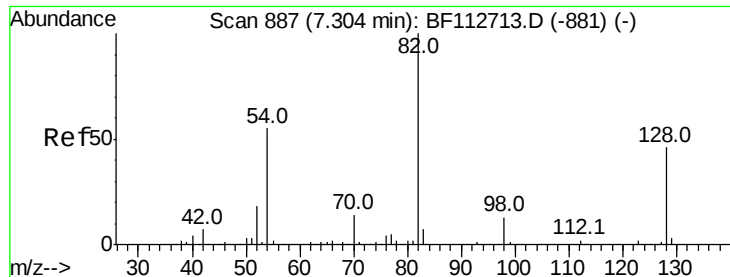
Abundance Ion 136.00 (135.70 to 136.70): E

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

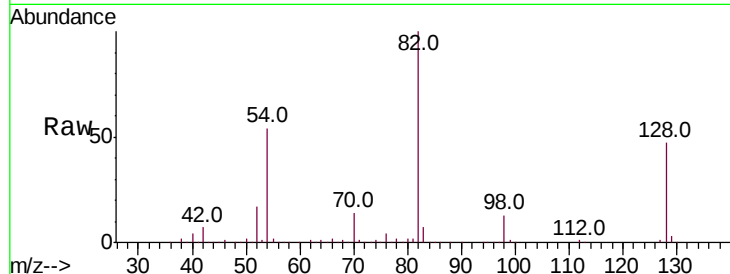




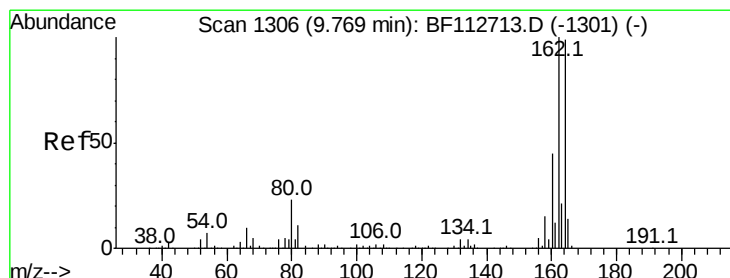
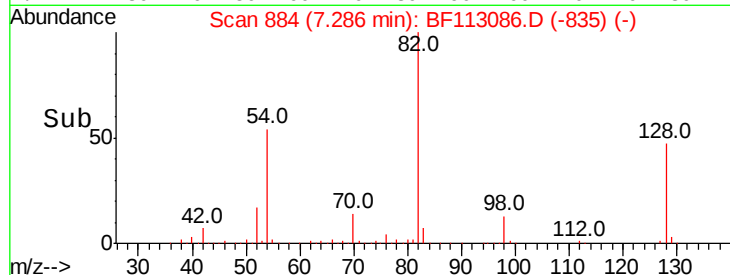
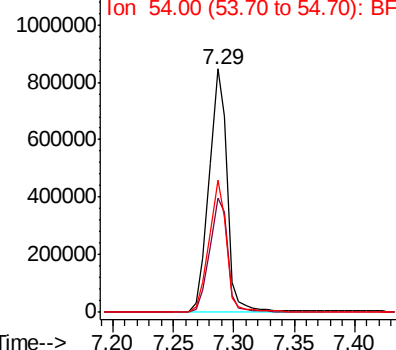
#23
 Nitrobenzene-d5
 Concen: 71.548 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	54.1	43.7	65.5

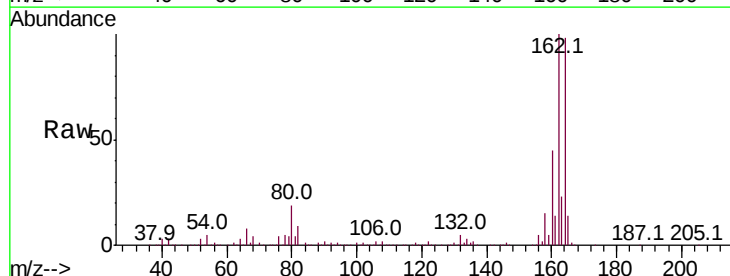


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

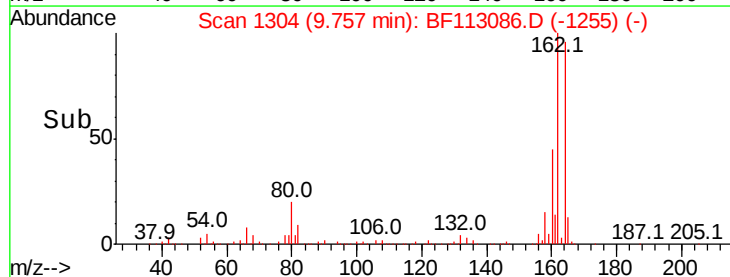
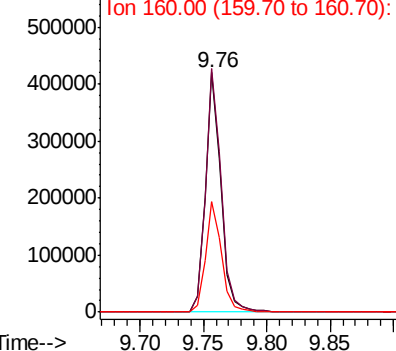


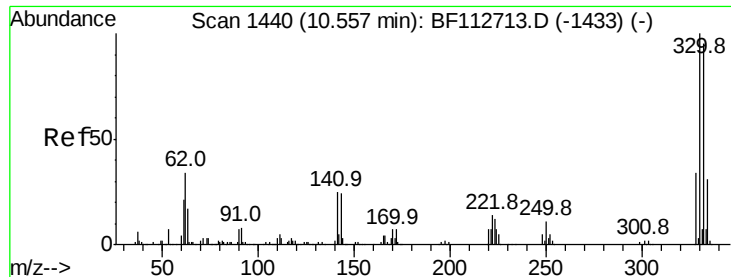
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	46.0	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

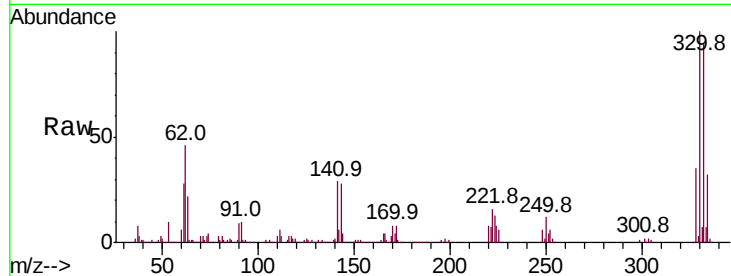




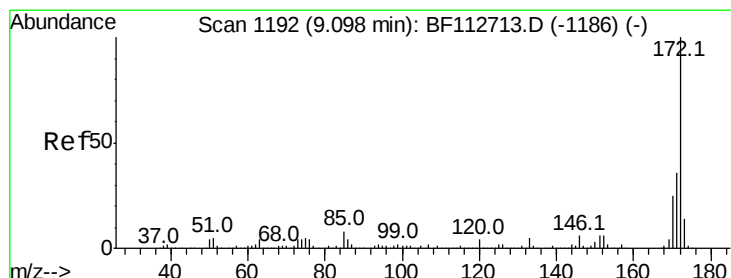
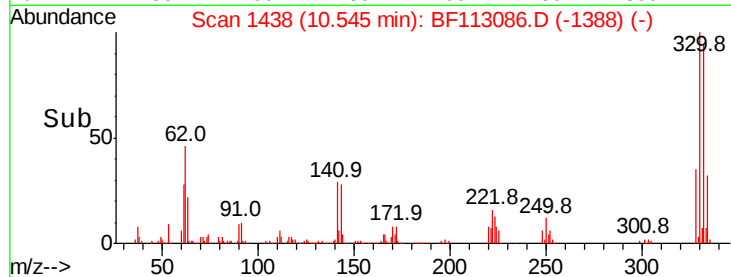
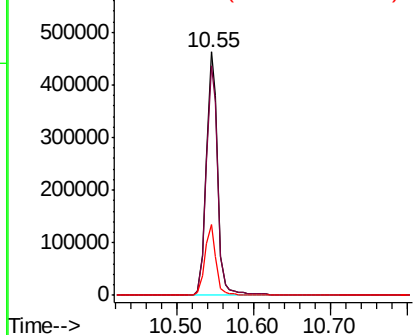
#42
 2,4,6-Tribromophenol
 Concen: 122.306 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Tot Ion:330 Resp: 473320
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 28.5 27.0 40.6

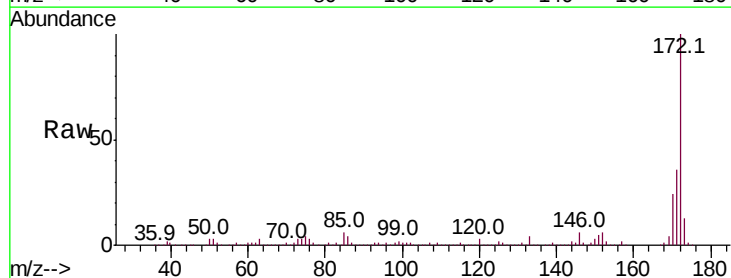


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

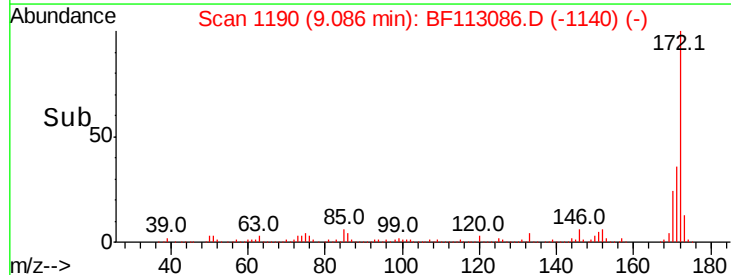
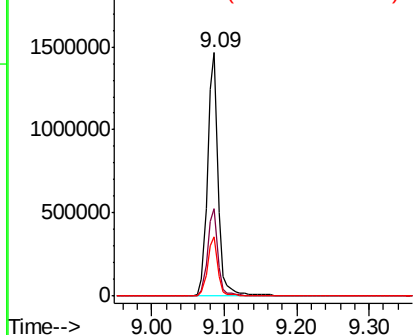


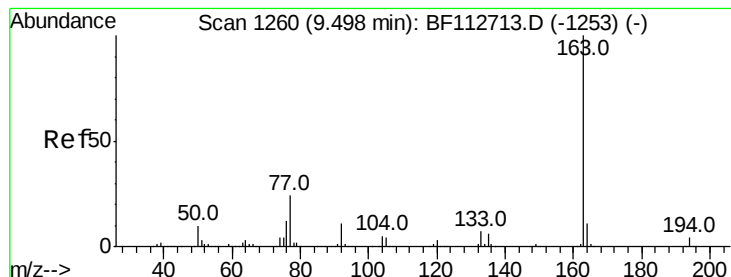
#45
 2-Fluorobiphenyl
 Concen: 63.343 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Tgt Ion:172 Resp: 1490504
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.4 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





#50

Dimethylphthalate

Concen: 7.789 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Instrument :

BNA_F

ClientSampleId :

S-5

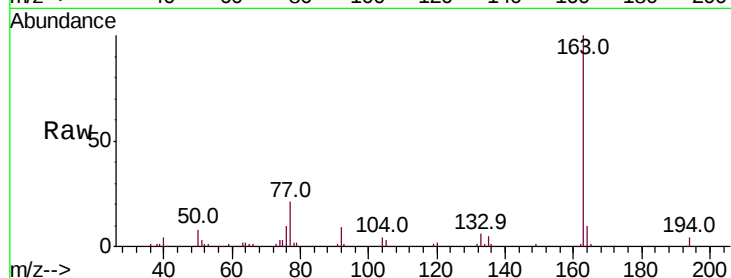
Tot Ion:163 Resp: 209358

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

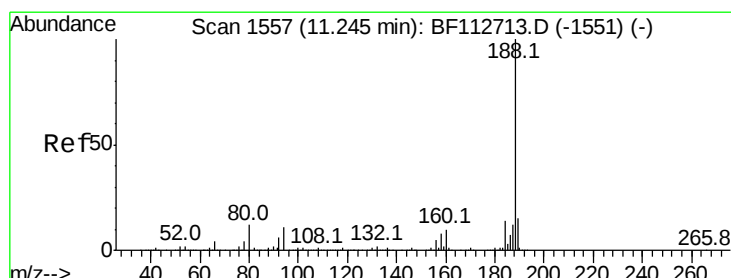
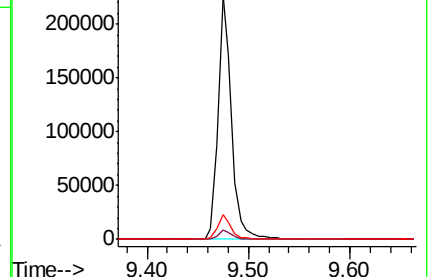
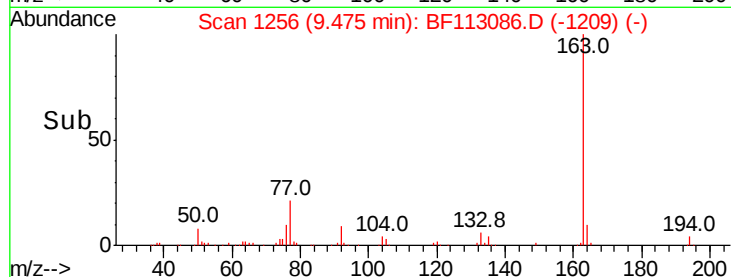
164 9.9 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

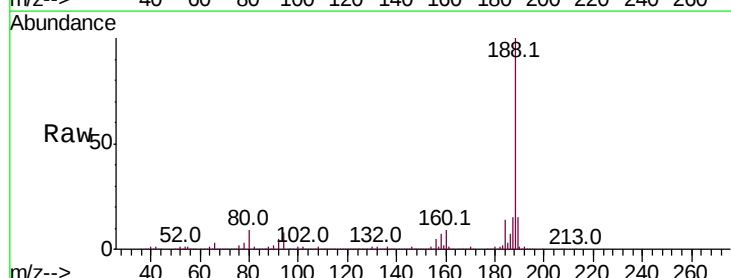
Tgt Ion:188 Resp: 749380

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

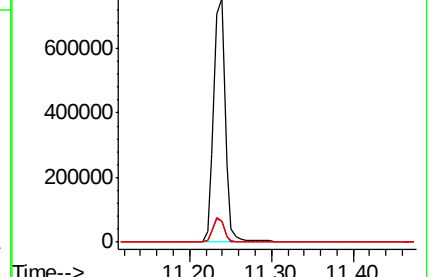
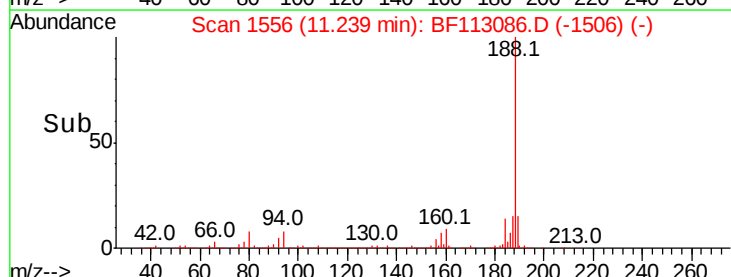
80 8.5 9.2 13.8#

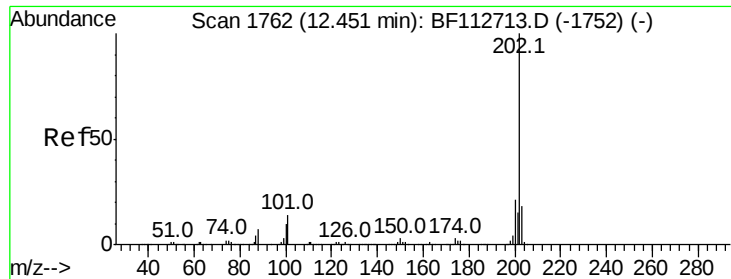


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.538 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Instrument :

BNA_F

ClientSampleId :

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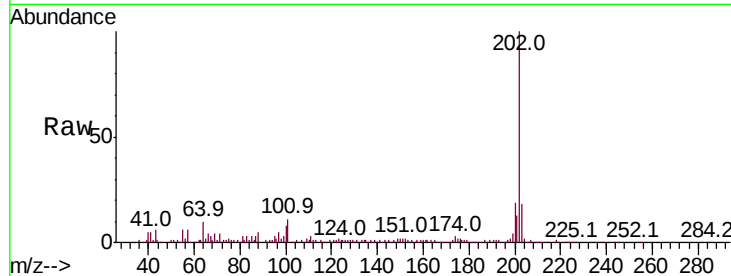
Tot Ion:202 Resp: 141340

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.8

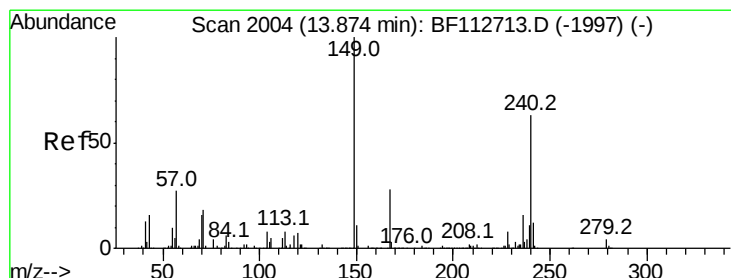
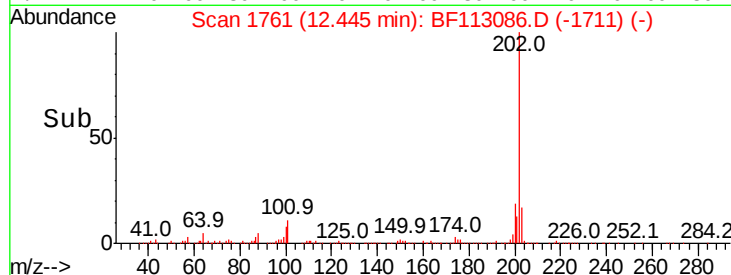
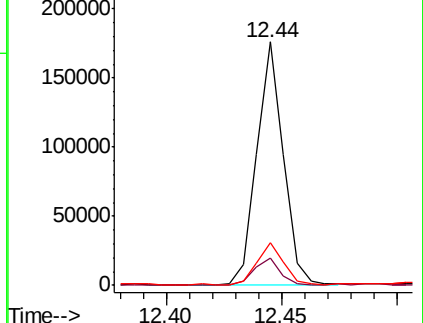
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

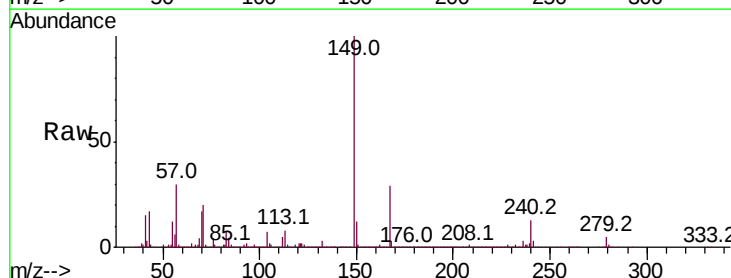
Tgt Ion:240 Resp: 273353

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

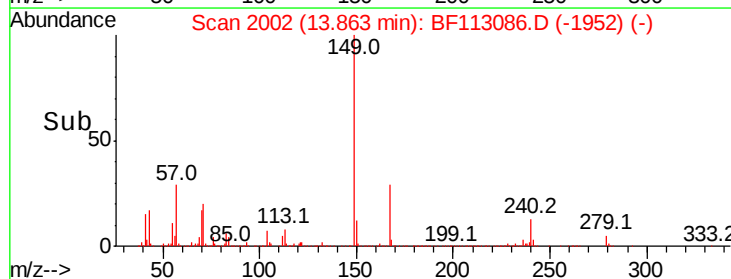
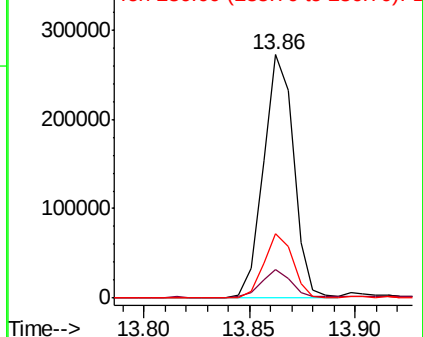
236 26.3 20.7 31.1

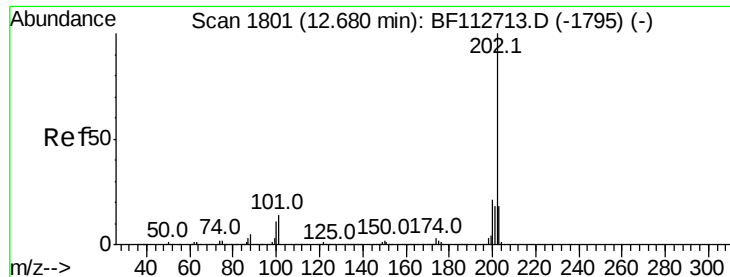


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 4.963 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Instrument :

BNA_F

ClientSampleId :

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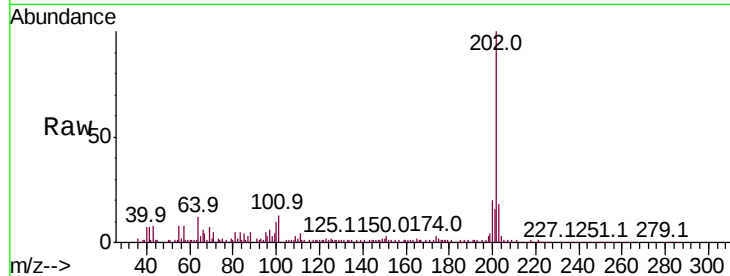
Tot Ion:202 Resp: 114373

Ion Ratio Lower Upper

202 100

200 19.7 17.0 25.4

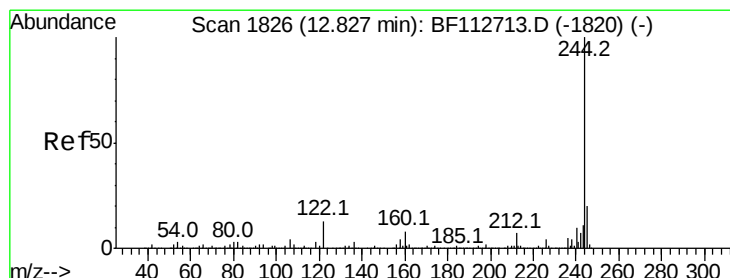
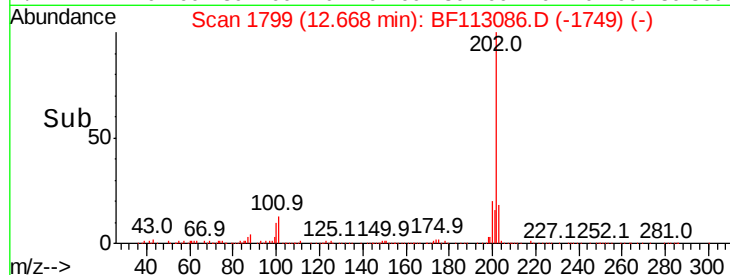
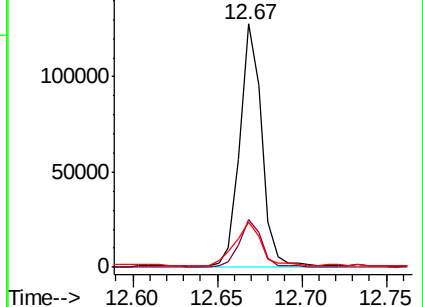
203 18.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 106.347 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

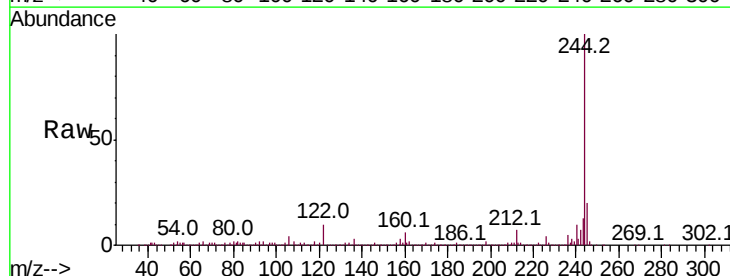
Tgt Ion:244 Resp: 1499633

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

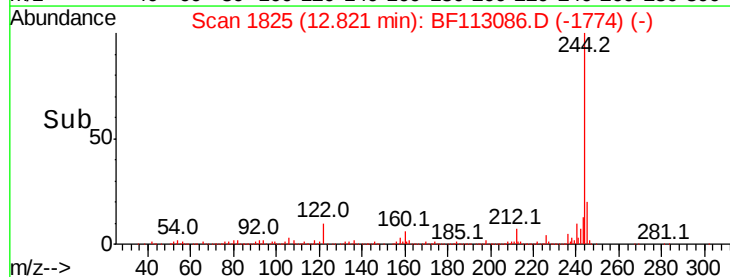
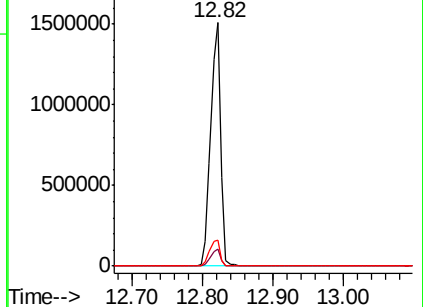
122 10.5 10.5 15.7#

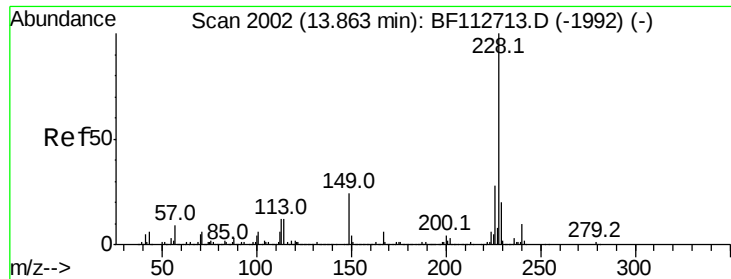


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

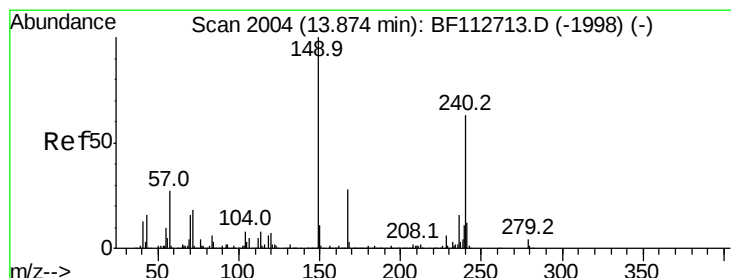
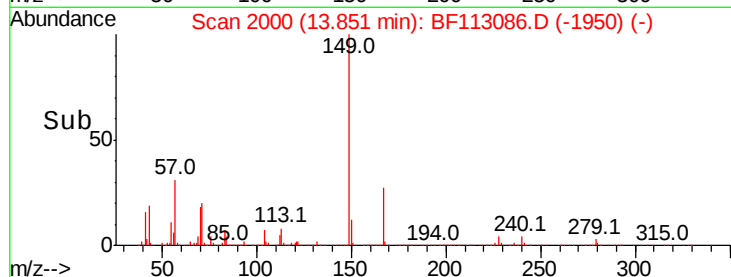
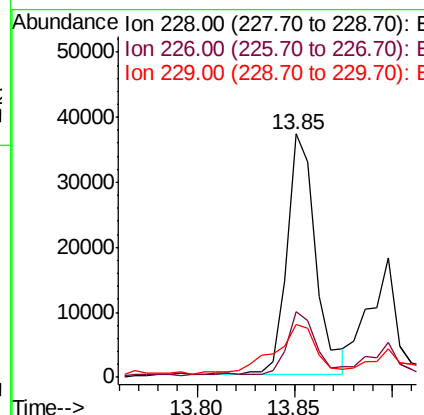
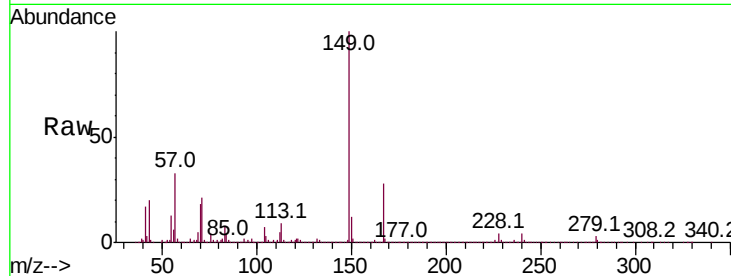




#81
Benzo(a)anthracene
Concen: 2.013 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

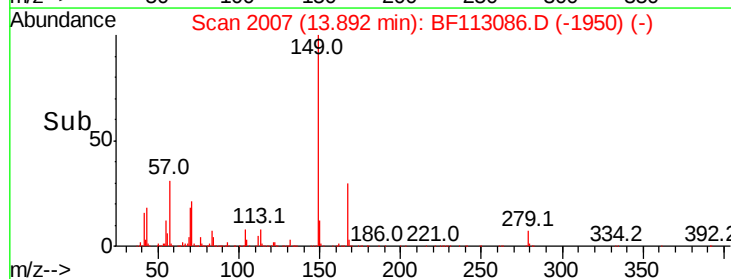
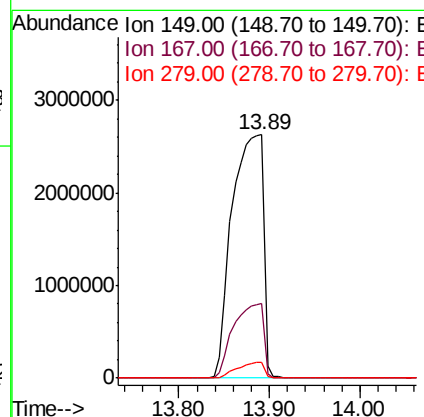
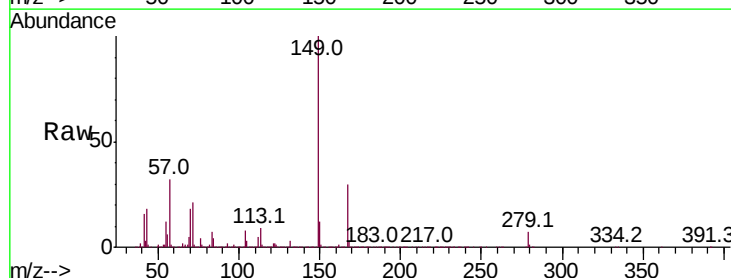
Instrument :
BNA_F
ClientSampled :
S-5

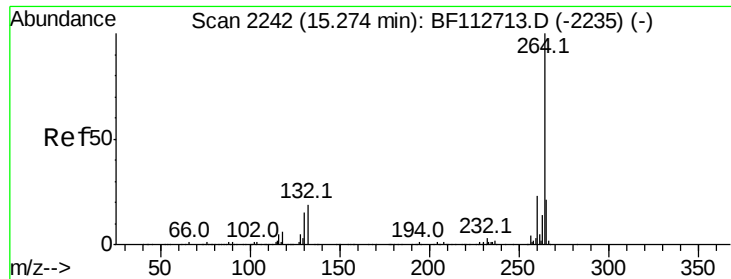
Tot Ion:228 Resp: 38134
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 21.5 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 526.569 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.04 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Tgt Ion:149 Resp: 6282532
Ion Ratio Lower Upper
149 100
167 30.5 22.4 33.6
279 6.6 3.3 4.9#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Instrument :
BNA_F
ClientSampleId :
S-5

Tot Ion:264 Resp: 533086

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.1	17.2	25.8

