

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092866.D
 Acq On : 8 Feb 2017 21:13
 Operator : SJ/MA
 Sample : I1740-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-D-M

Quant Time: Feb 09 00:27:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

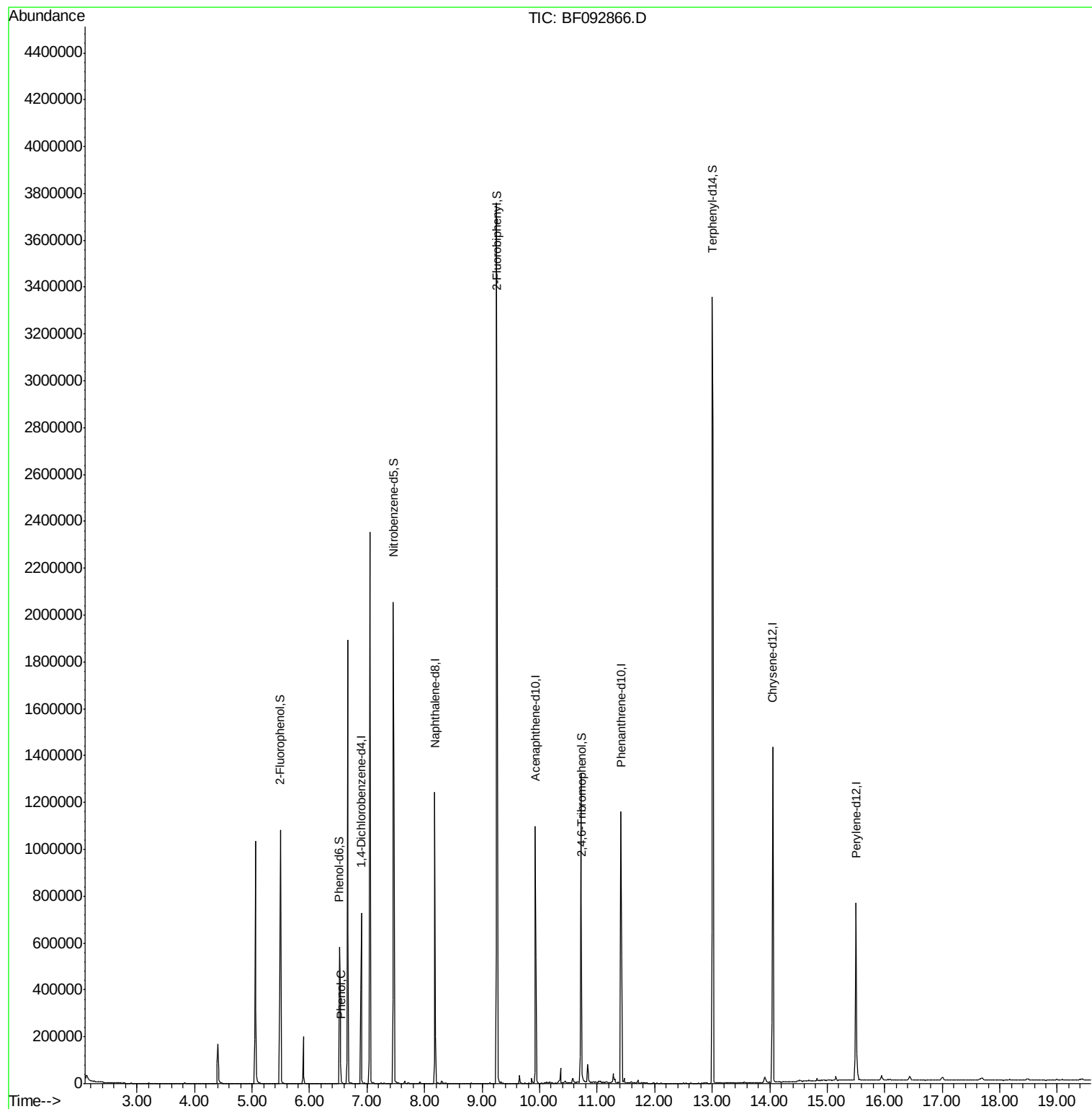
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133612	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	525475	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	278600	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	486398	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	468259	20.00	ng	-0.01
86) Perylene-d12	15.51	264	407930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	301436	38.71	ng	0.00
7) Phenol-d6	6.52	99	232017	23.15	ng	-0.01
23) Nitrobenzene-d5	7.46	82	871316	92.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	194876	96.71	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1567136	101.91	ng	-0.01
78) Terphenyl-d14	13.00	244	1607271	80.65	ng	-0.01
Target Compounds						
10) Phenol	6.54	94	32896	2.81	ng	Qvalue # 66

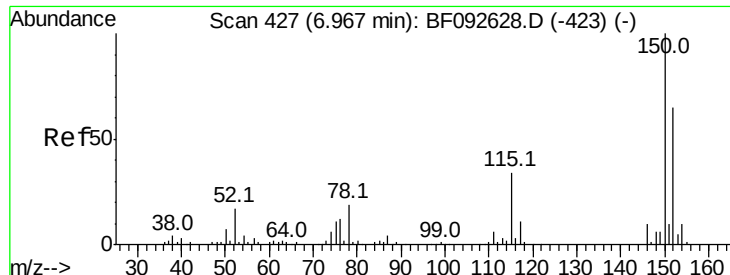
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

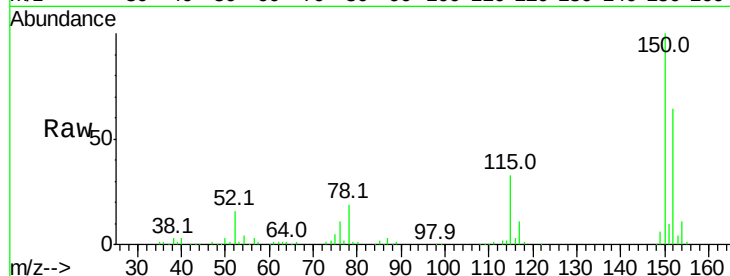
Tot Ion:152 Resp: 133612

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

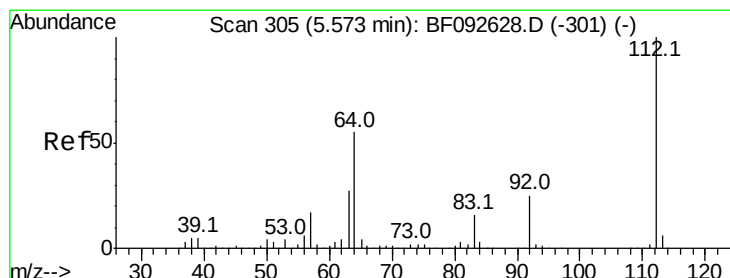
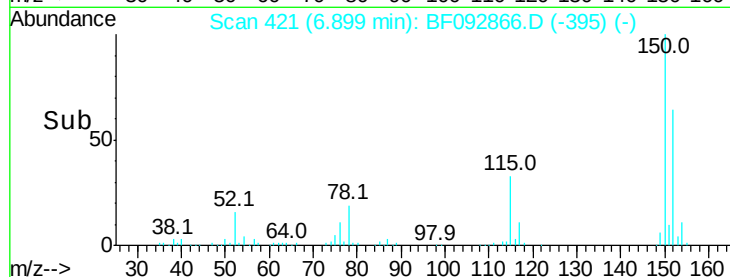
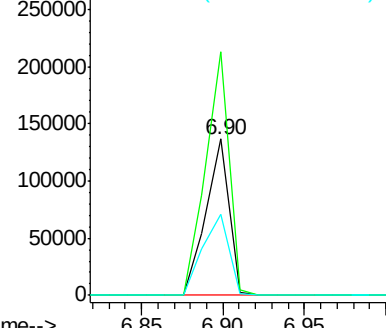
115 52.0 46.0 69.0



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: 38.71 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

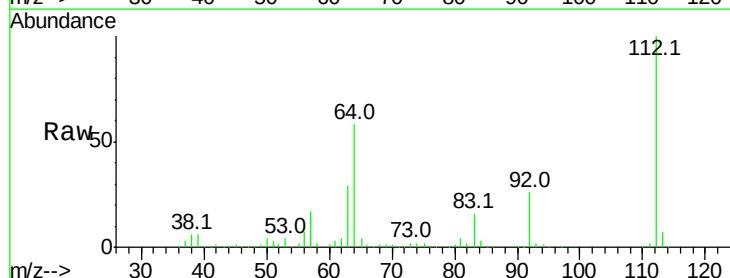
Tgt Ion:112 Resp: 301436

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

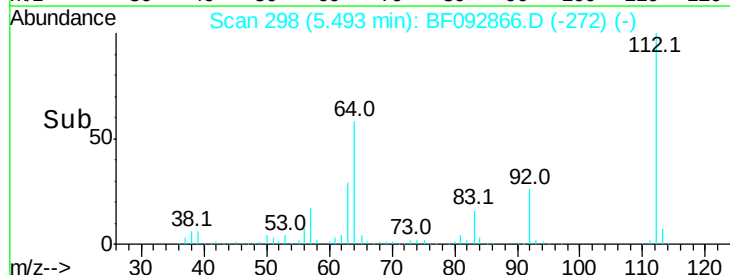
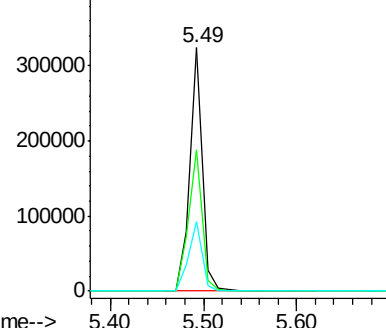
63 28.7 23.8 35.6

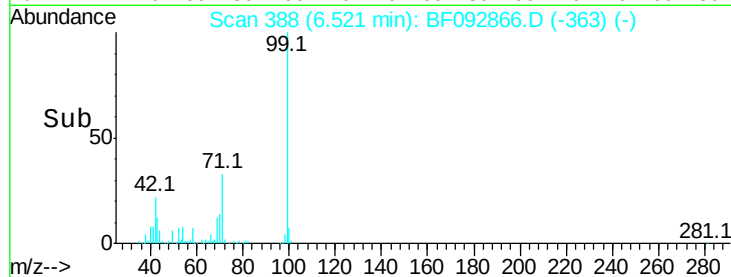
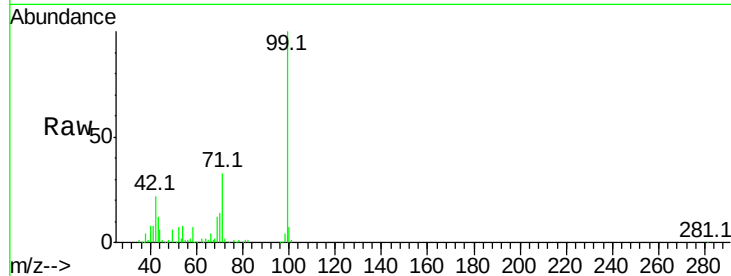
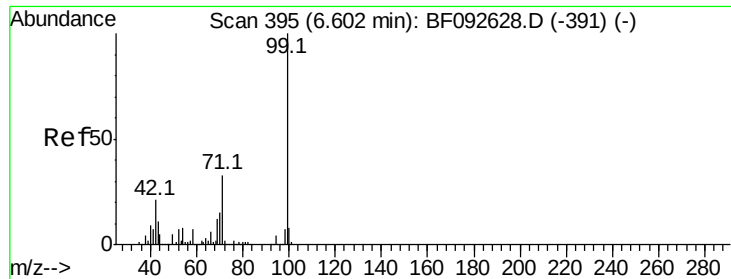


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.15 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

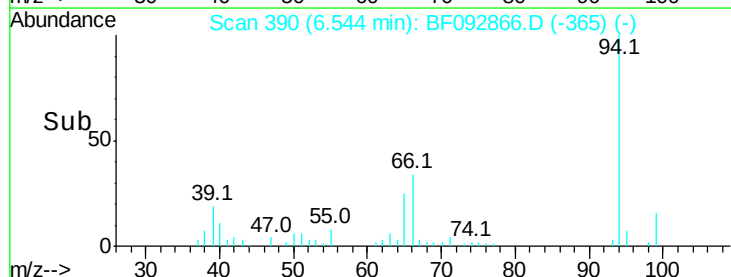
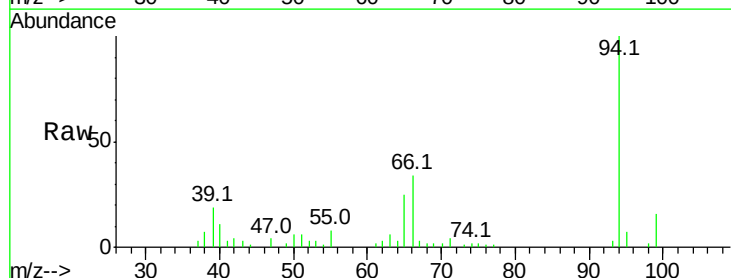
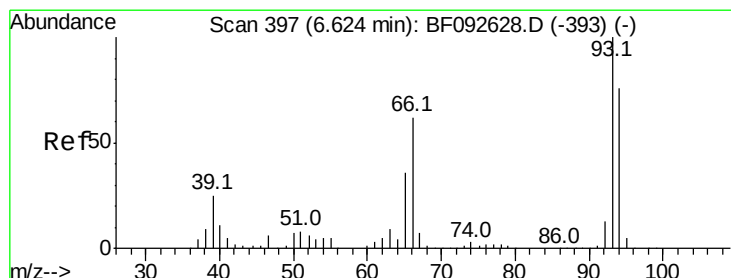
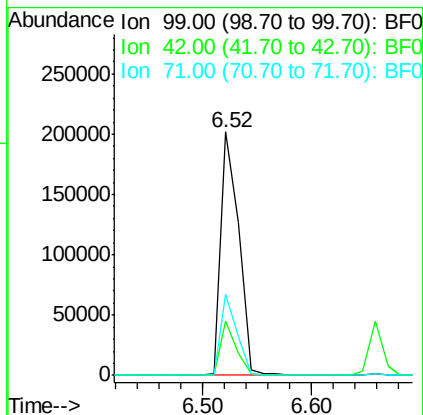
Tot Ion: 99 Resp: 232017

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

71 33.2 27.5 41.3



#10

Phenol

Concen: 2.81 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

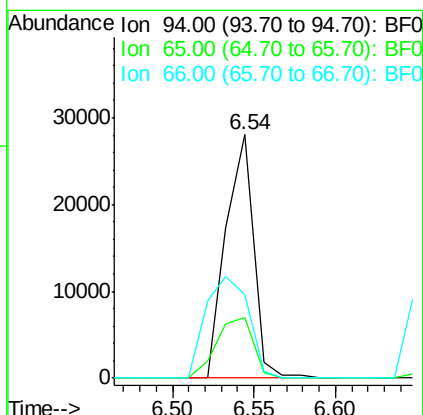
Tgt Ion: 94 Resp: 32896

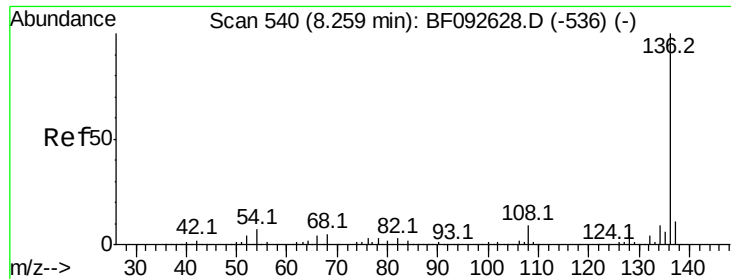
Ion Ratio Lower Upper

94 100

65 24.7 21.4 61.4

66 34.3 44.0 84.0#

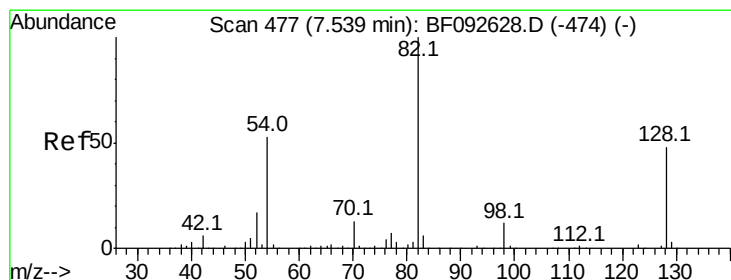
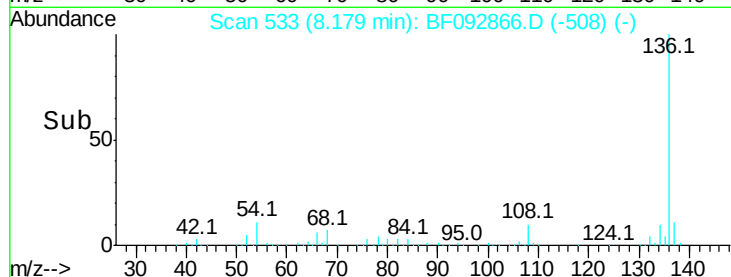
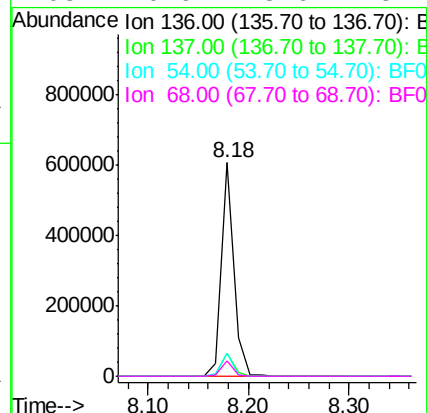
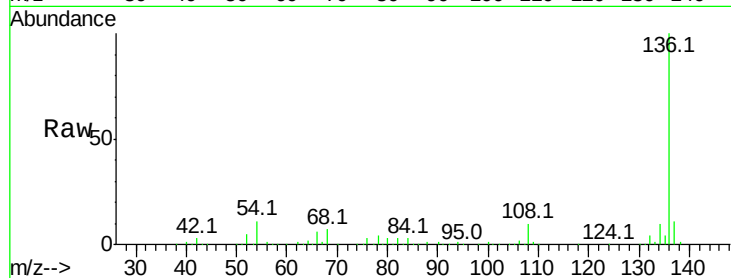




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

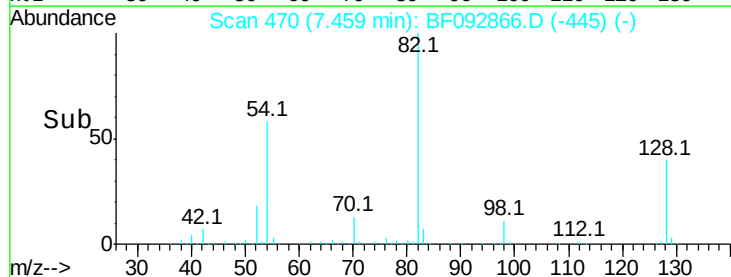
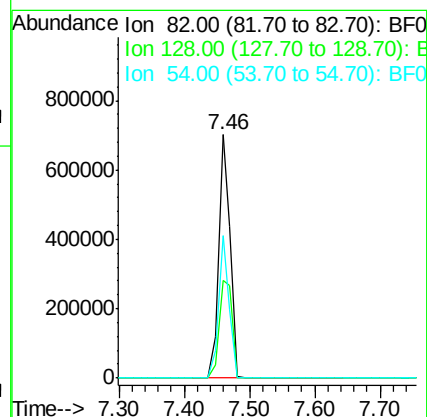
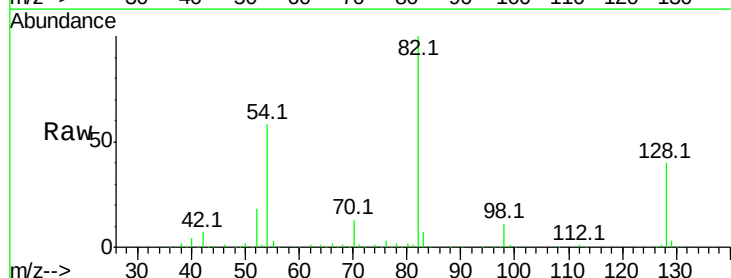
Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

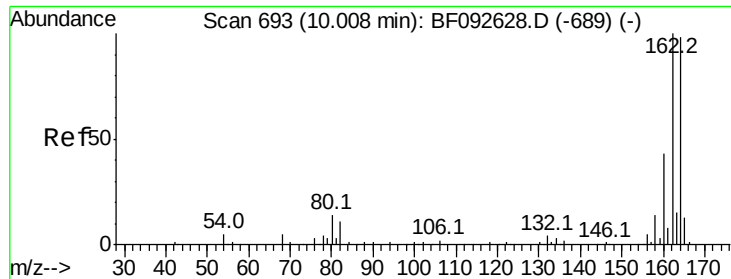
Tot Ion:	136	Resp:	525475
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.5	4.5	6.7#
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 92.34 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:	82	Resp:	871316
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	58.3	39.5	59.3

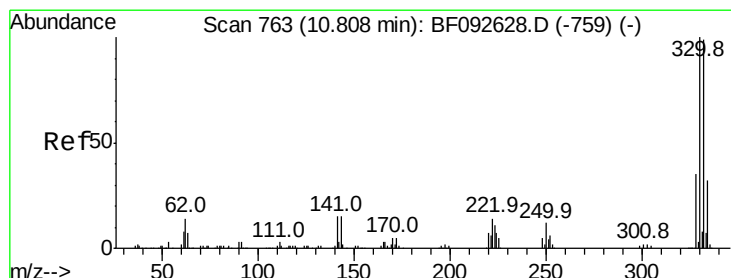
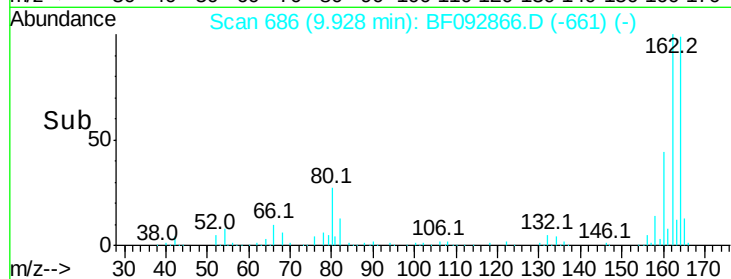
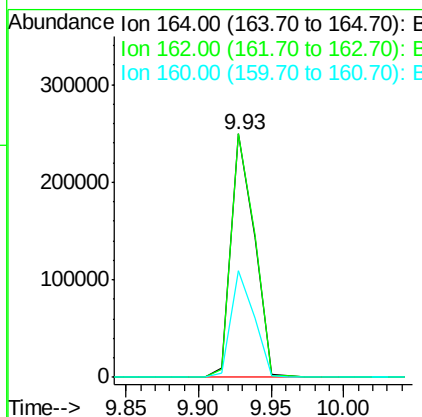
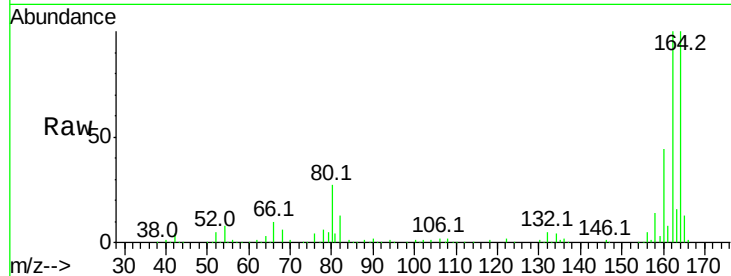




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

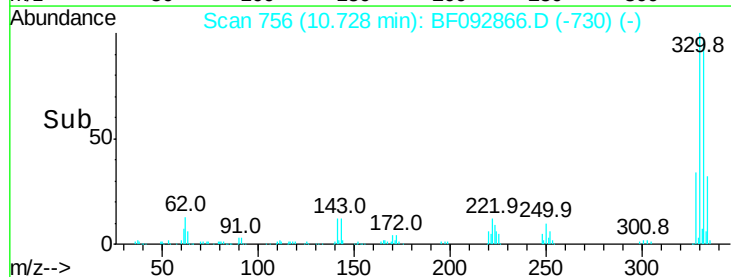
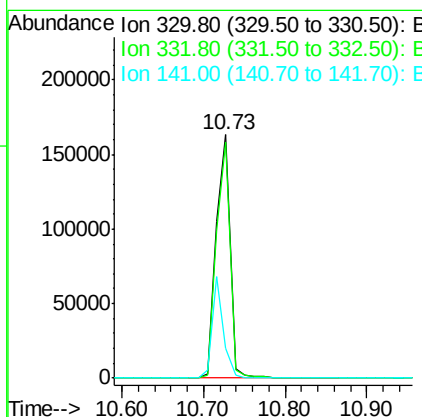
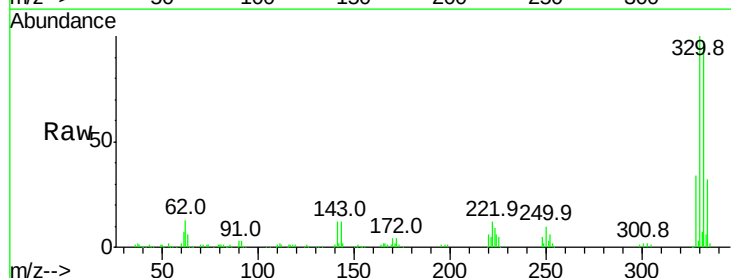
Instrument :
BNA_F
ClientSampleId :
020317-PR-E-D-M

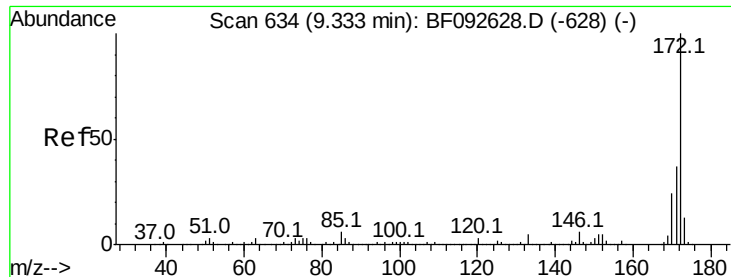
Tot Ion:164 Resp: 278600
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 44.0 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 96.71 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF092866.D
Acq: 8 Feb 2017 21:13

Tgt Ion:330 Resp: 194876
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.2
141 34.2 34.1 51.1



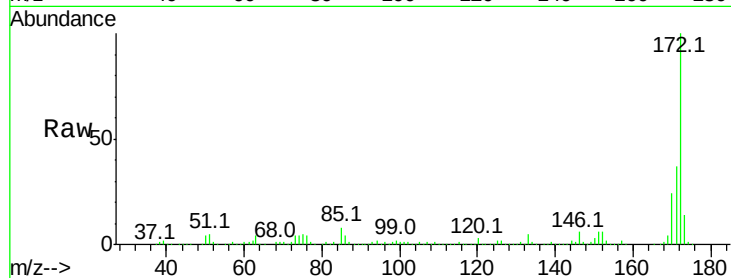


#44
 2-Fluorobiphenyl
 Concen: 101.91 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092866.D
 Acq: 8 Feb 2017 21:13

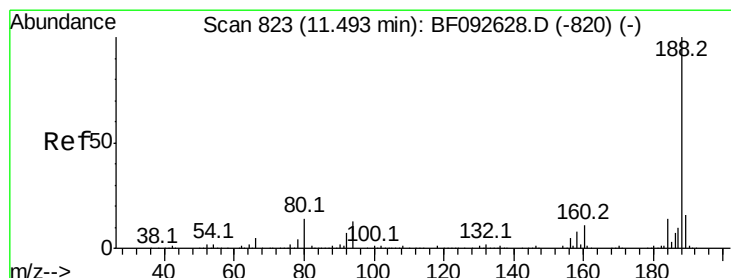
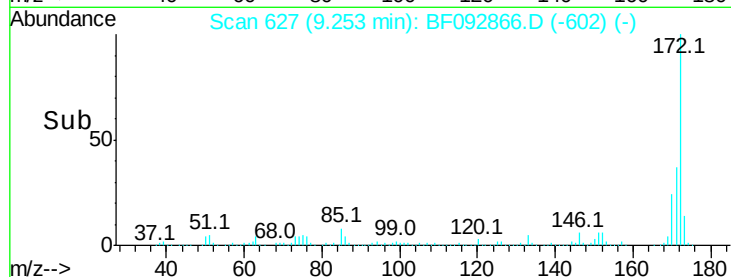
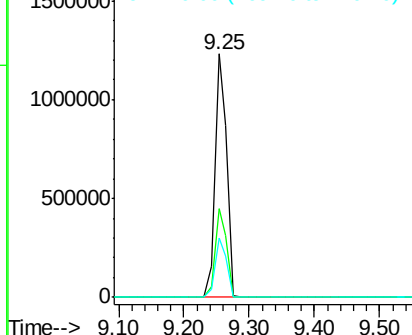
Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-D-M

Tot Ion:172 Resp: 1567136

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.1	20.2	30.4



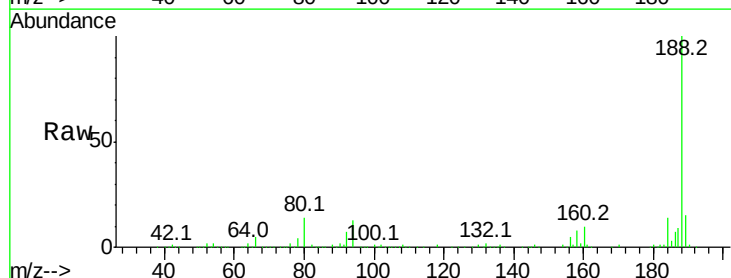
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



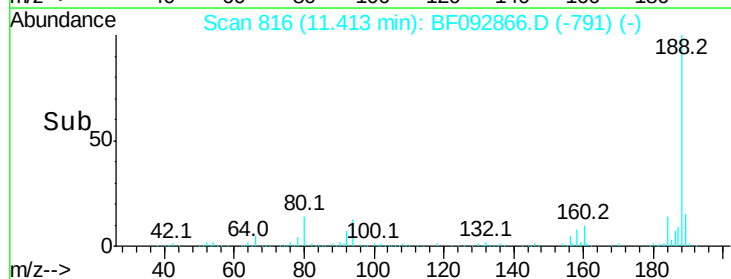
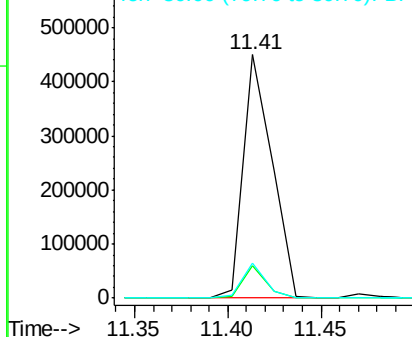
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF092866.D
 Acq: 8 Feb 2017 21:13

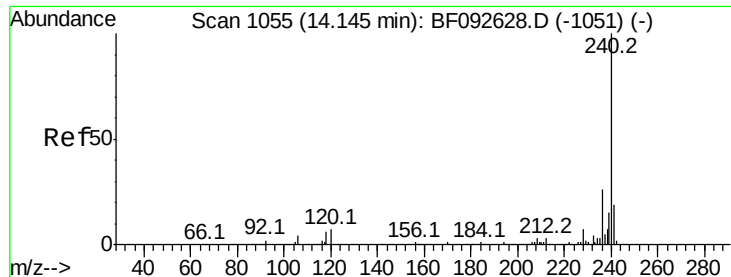
Tgt Ion:188 Resp: 486398

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.0	15.0
80	14.4	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

020317-PR-E-D-M

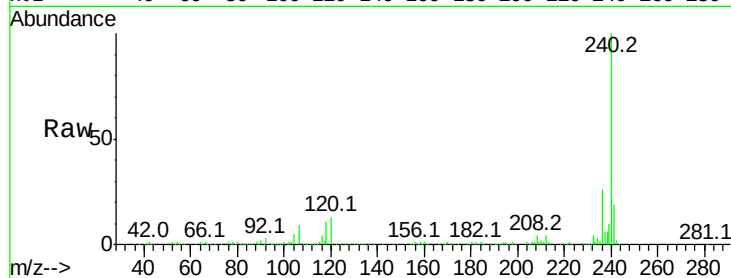
Tot Ion:240 Resp: 468259

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

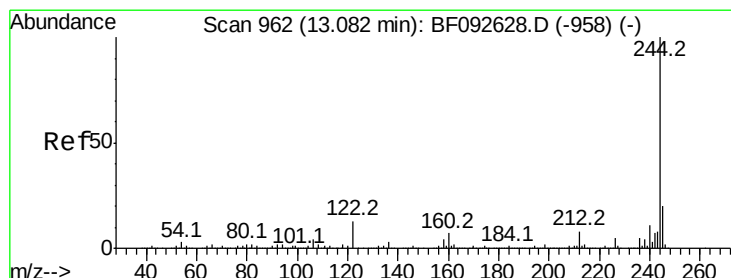
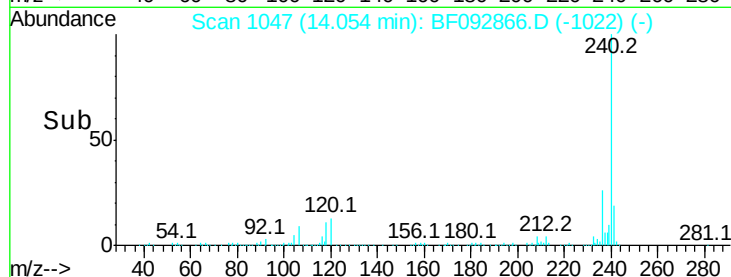
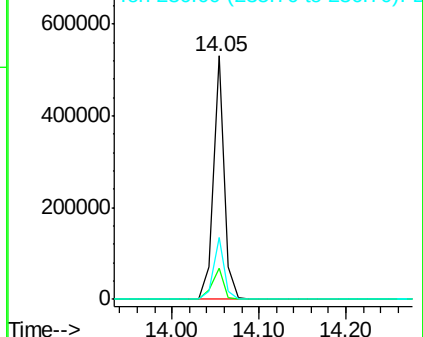
236 25.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 80.65 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092866.D

Acq: 8 Feb 2017 21:13

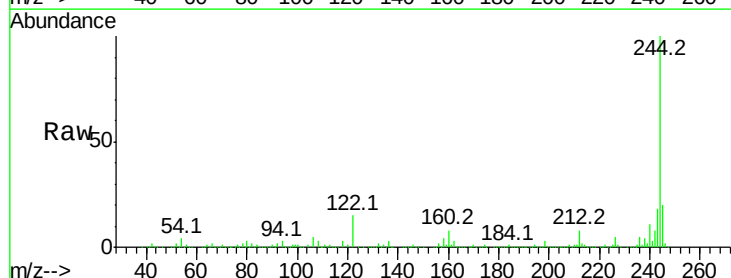
Tgt Ion:244 Resp: 1607271

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

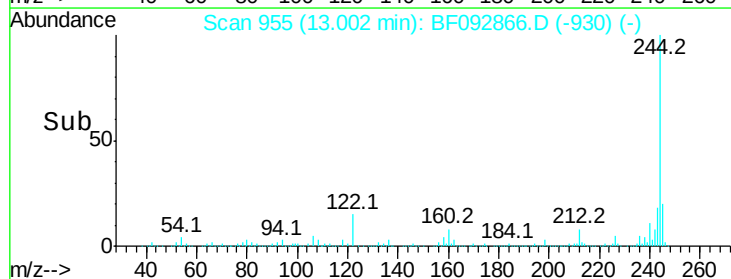
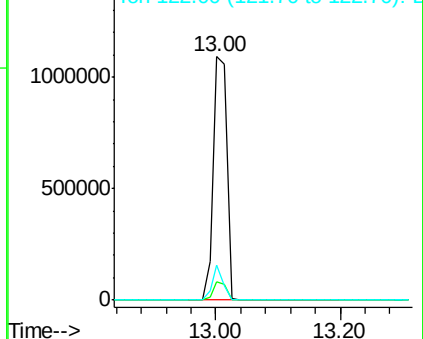
122 14.6 11.4 17.2

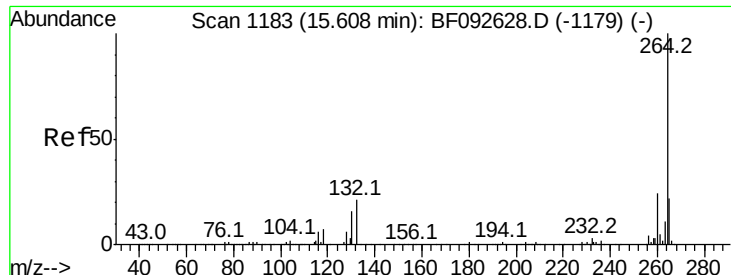


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

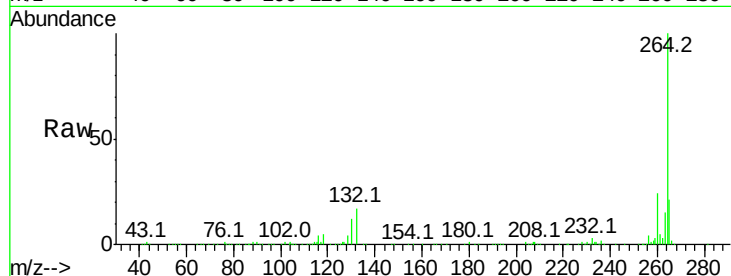




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF092866.D
 Acq: 8 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 020317-PR-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.4	26.0



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

