

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092538.D
 Acq On : 26 Jan 2017 21:26
 Operator : SJ/MA
 Sample : I1448-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012317-1(0-70)

Quant Time: Jan 27 01:33:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

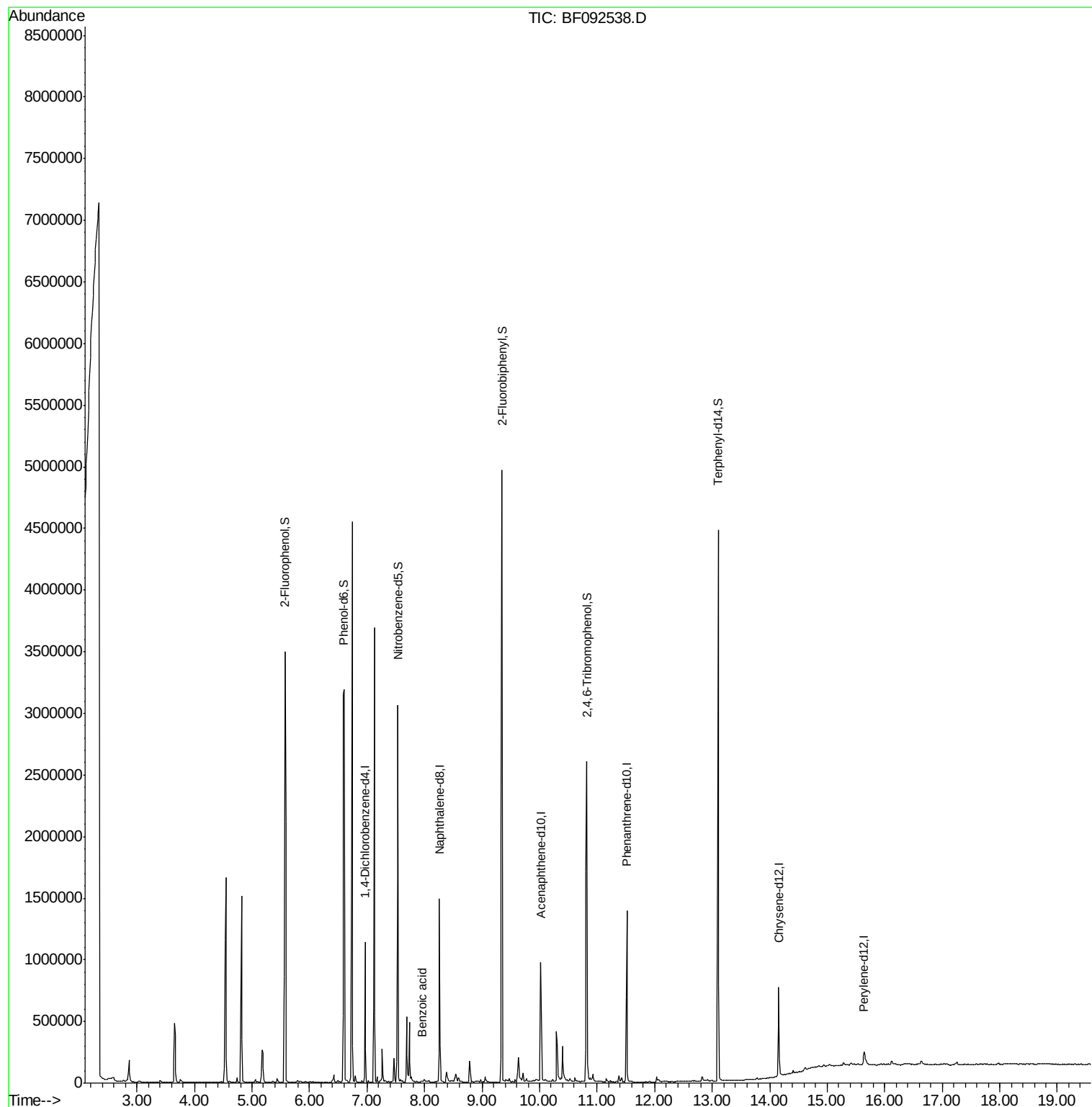
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159200	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	641386	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	202264	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	515539	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	161010	20.00	ng	-0.01
86) Perylene-d12	15.63	264	10449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1284556	125.54	ng	0.02
7) Phenol-d6	6.60	99	1056035	81.02	ng	0.01
23) Nitrobenzene-d5	7.54	82	1138677	96.98	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	369085	267.77	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1724493	157.66	ng	-0.01
78) Terphenyl-d14	13.11	244	1312092	217.00	ng	-0.01
Target Compounds						
32) Benzoic acid	7.95	122	2981	5.03	ng	Qvalue # 80

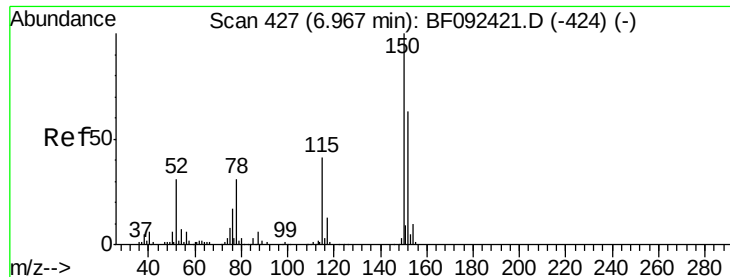
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 24 13:48:07 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)

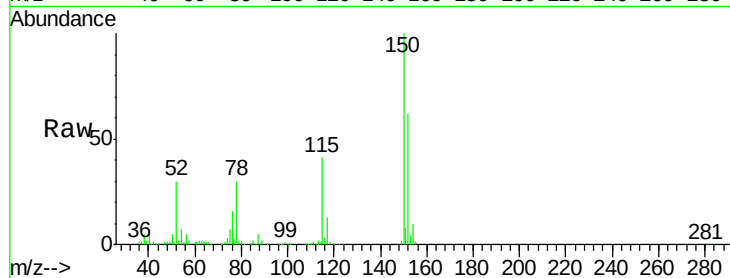
Tot Ion:152 Resp: 159200

Ion Ratio Lower Upper

152 100

150 162.5 124.9 187.3

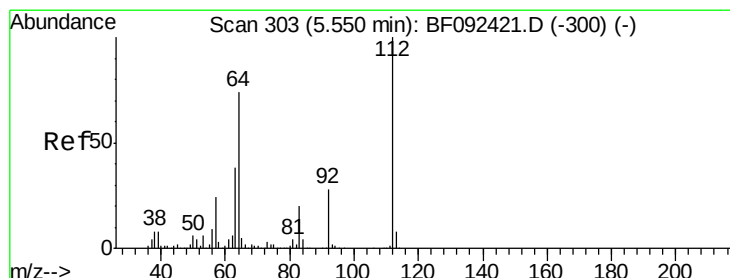
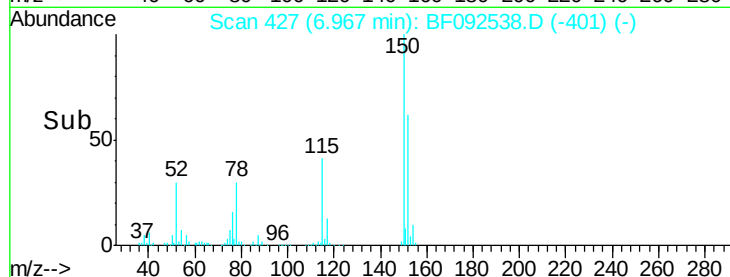
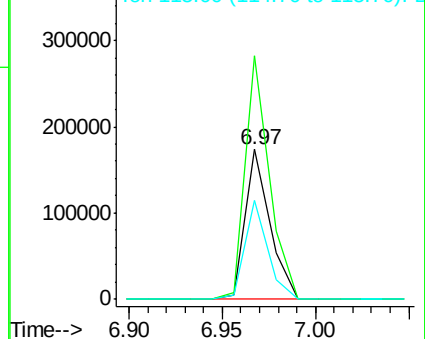
115 66.3 46.0 69.0



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: 125.54 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

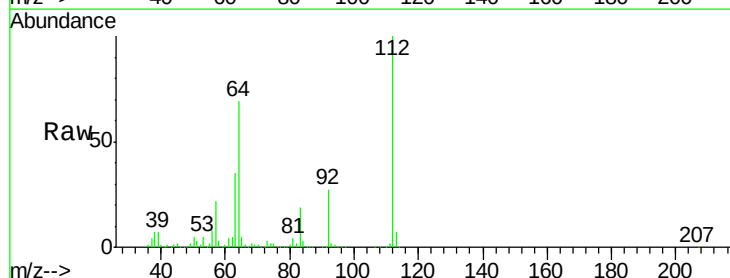
Tgt Ion:112 Resp: 1284556

Ion Ratio Lower Upper

112 100

64 68.6 46.1 69.1

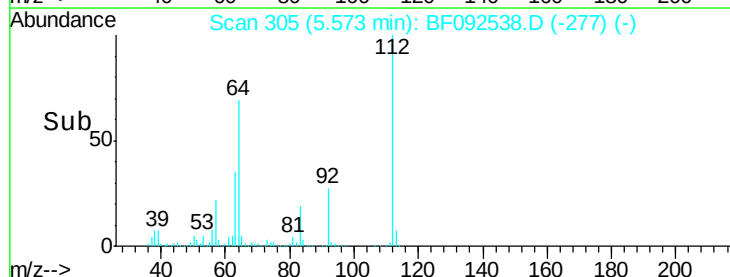
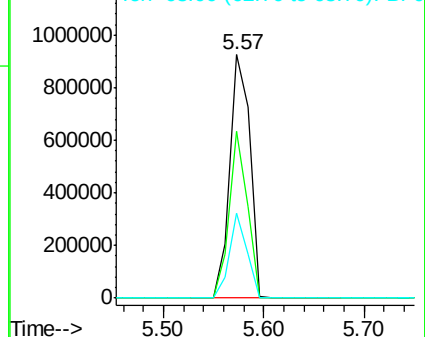
63 35.1 23.8 35.6

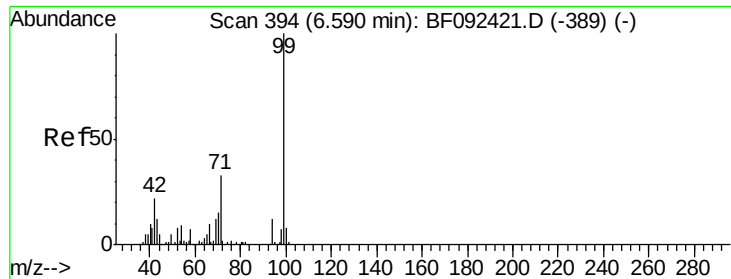


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.02 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)

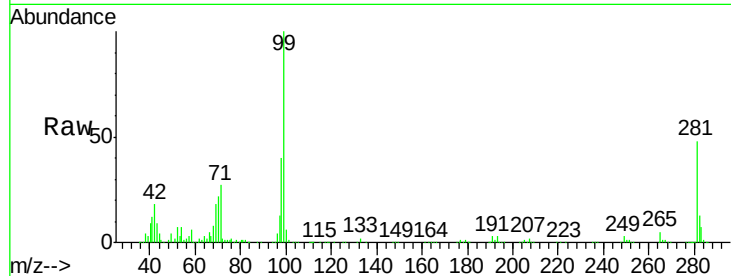
Tot Ion: 99 Resp: 1056035

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

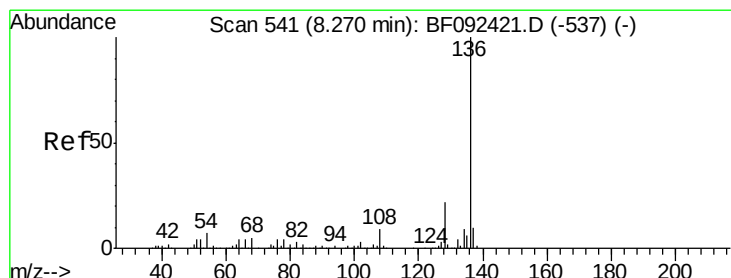
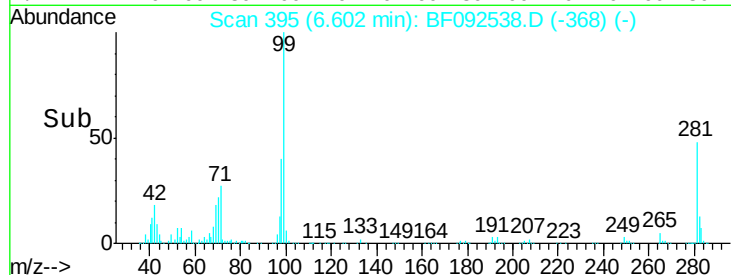
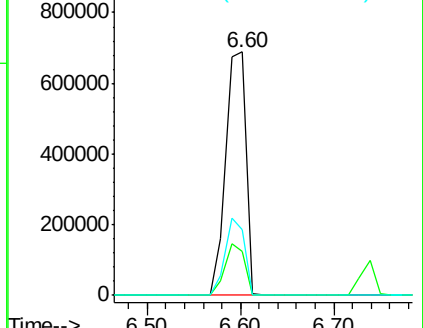
71 26.9 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

Tgt Ion: 136 Resp: 641386

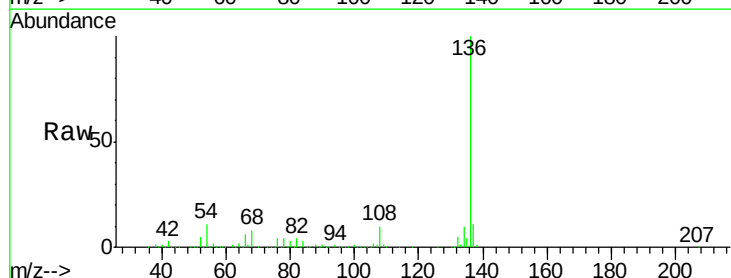
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.3 4.5 6.7#

68 7.8 3.6 5.4#

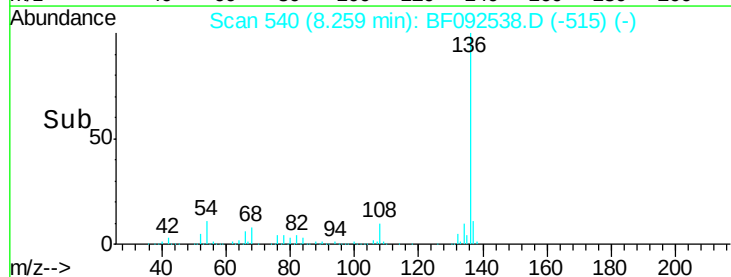
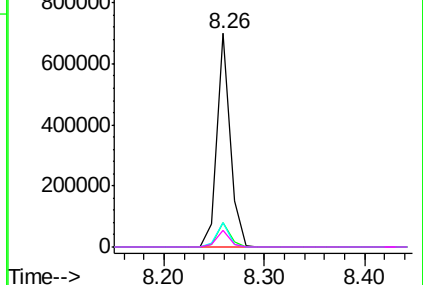


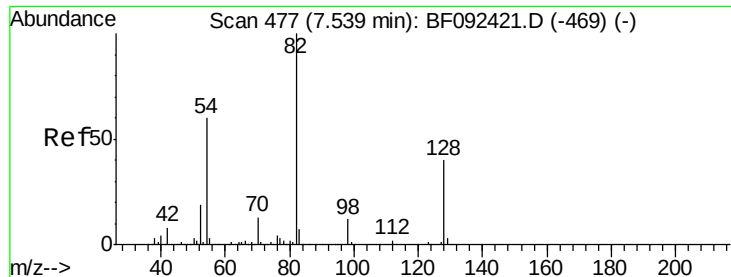
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

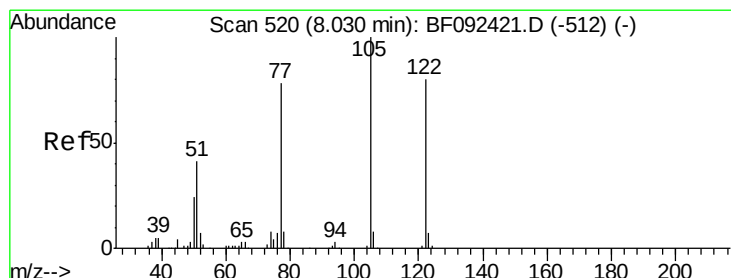
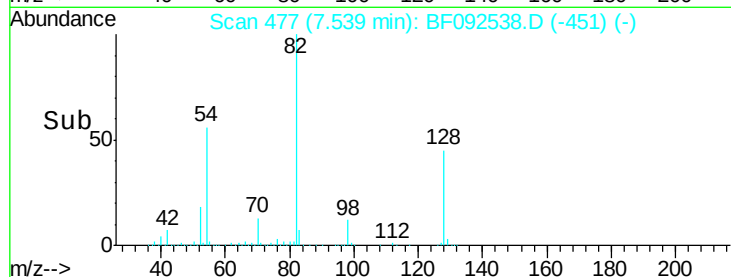
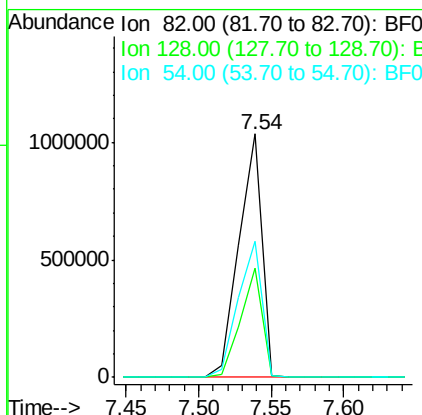
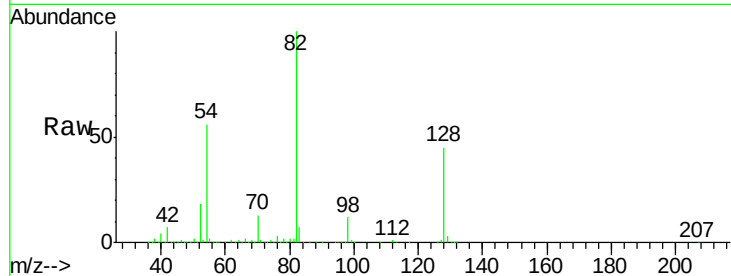




#23
Nitrobenzene-d5
Concen: 96.98 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092538.D
Acq: 26 Jan 2017 21:26

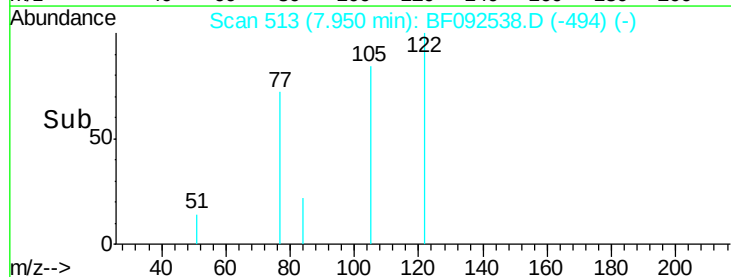
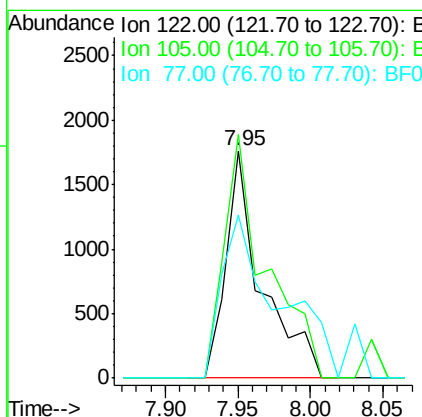
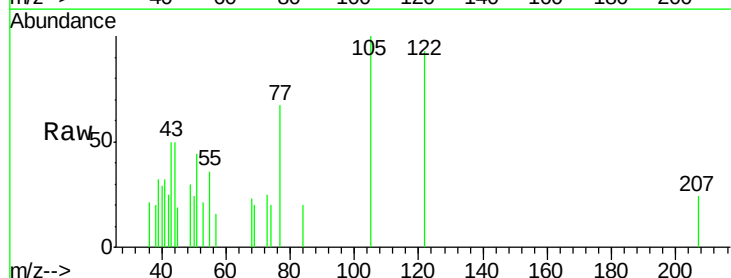
Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)

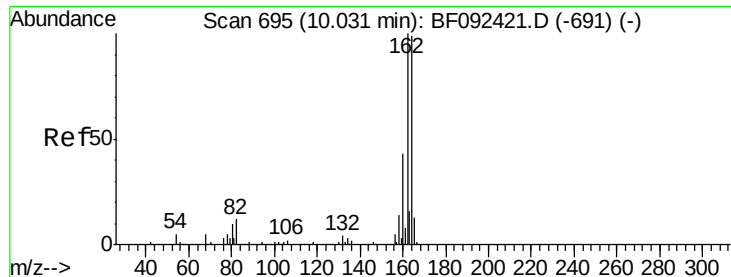
Tot Ion: 82 Resp: 1138677
Ion Ratio Lower Upper
82 100
128 44.8 34.6 52.0
54 56.0 39.5 59.3



#32
Benzoic acid
Concen: 5.03 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.08 min
Lab File: BF092538.D
Acq: 26 Jan 2017 21:26

Tgt Ion: 122 Resp: 2981
Ion Ratio Lower Upper
122 100
105 107.1 107.2 147.2#
77 71.8 74.5 114.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)

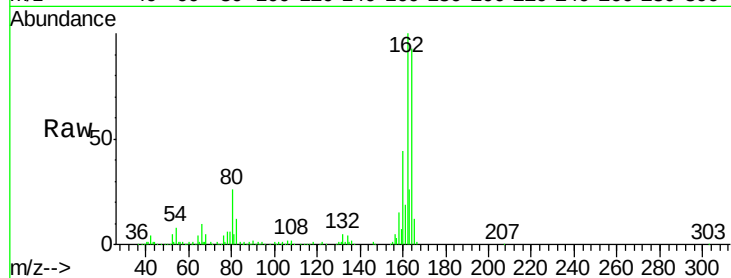
Tot Ion:164 Resp: 202264

Ion Ratio Lower Upper

164 100

162 107.1 80.2 120.2

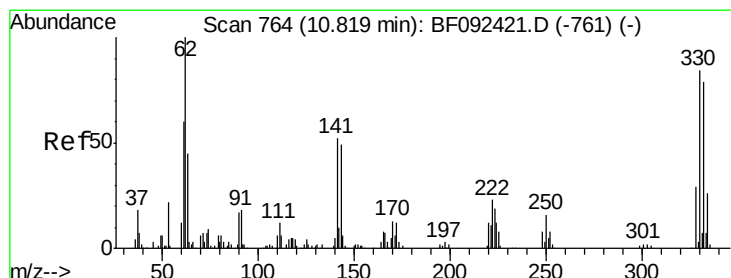
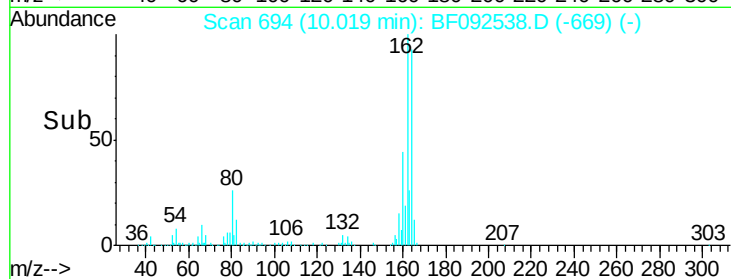
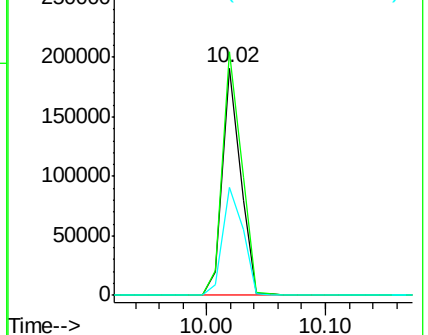
160 47.6 36.9 55.3



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



#41

2,4,6-Tribromophenol

Concen: 267.77 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

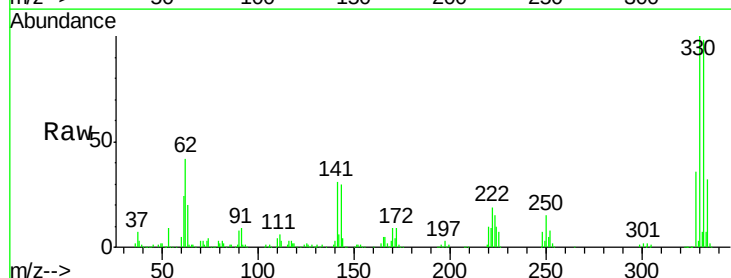
Tgt Ion:330 Resp: 369085

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

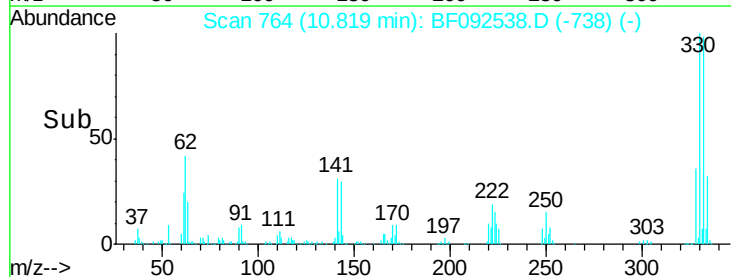
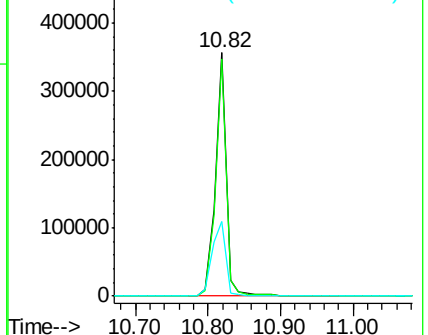
141 39.3 34.1 51.1

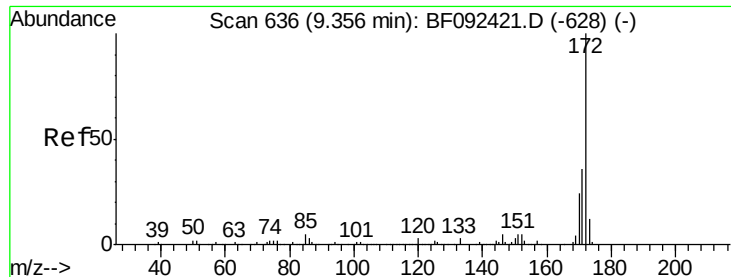


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



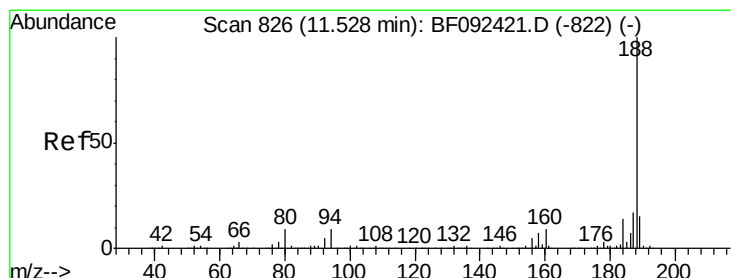
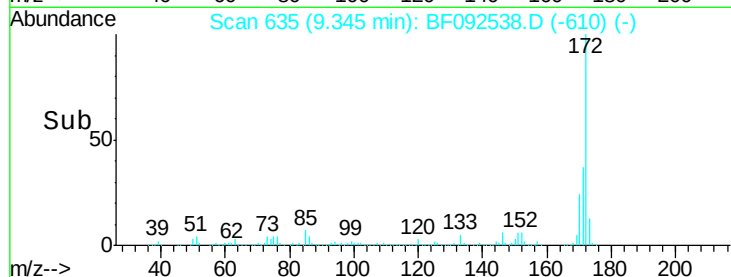
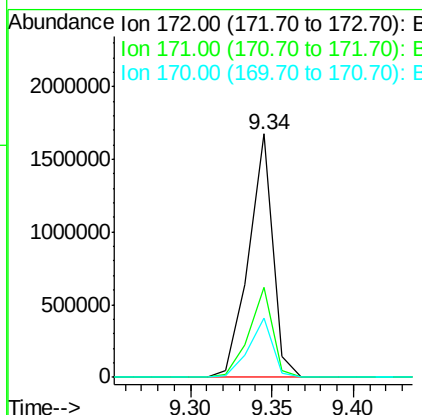
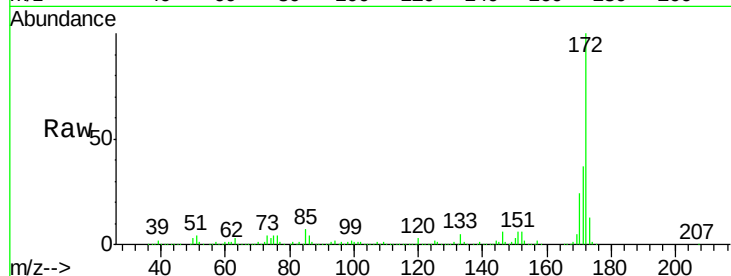


#44
 2-Fluorobiphenyl
 Concen: 157.66 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092538.D
 Acq: 26 Jan 2017 21:26

Instrument :
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 CHA-WCS-012317-1(0-70)

Tot Ion:172 Resp: 1724493

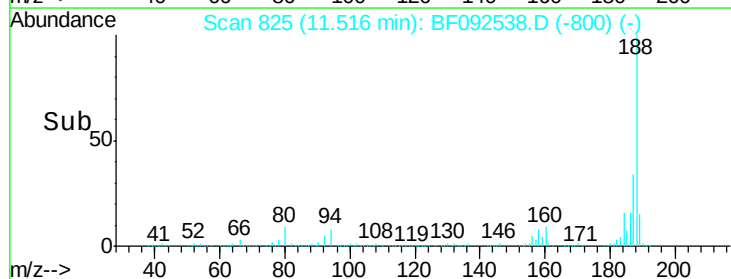
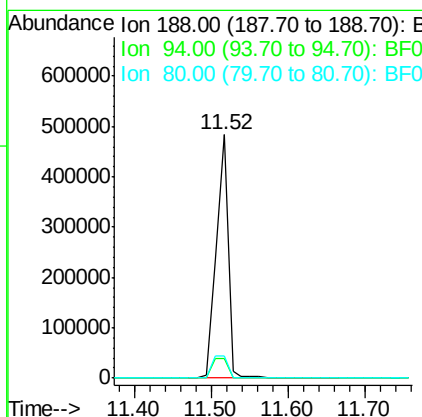
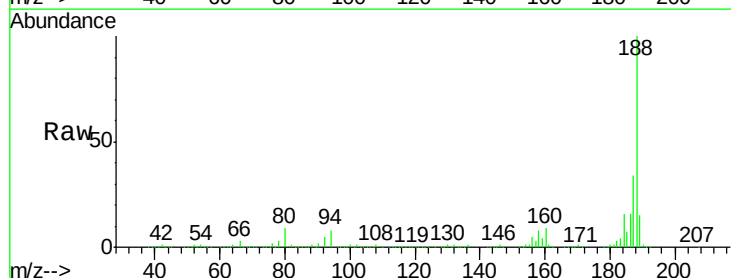
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.3	20.2	30.4

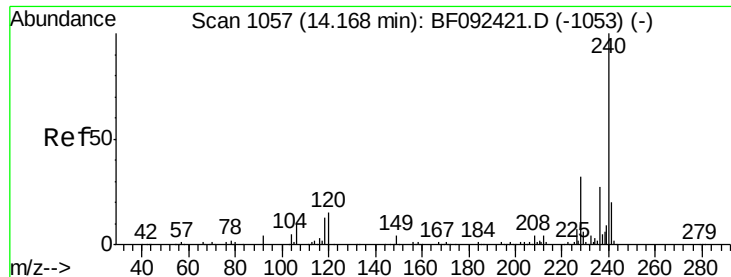


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092538.D
 Acq: 26 Jan 2017 21:26

Tgt Ion:188 Resp: 515539

Ion	Ratio	Lower	Upper
188	100		
94	8.0	10.0	15.0#
80	8.9	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012317-1(0-70)

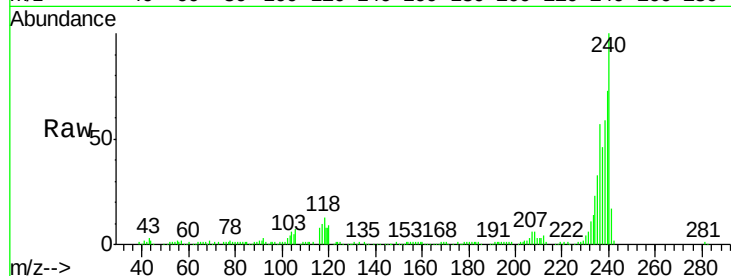
Tot Ion:240 Resp: 161010

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

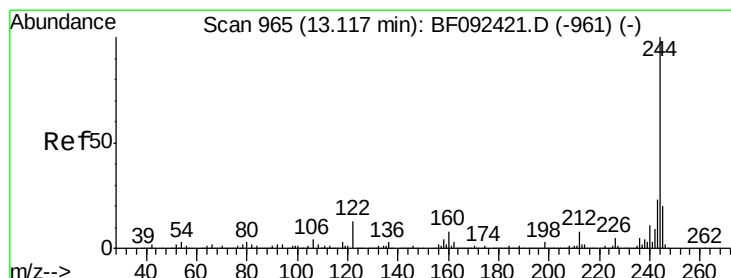
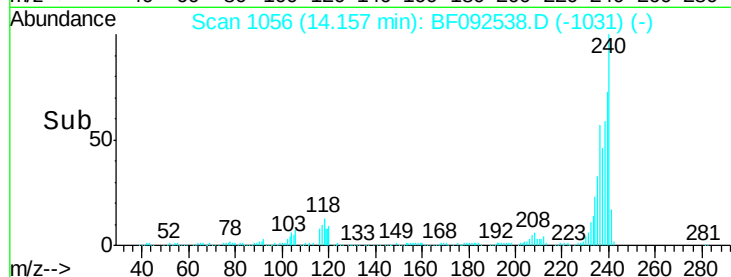
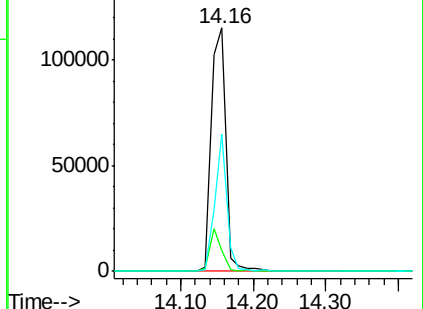
236 56.6 20.9 31.3#



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: 217.00 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092538.D

Acq: 26 Jan 2017 21:26

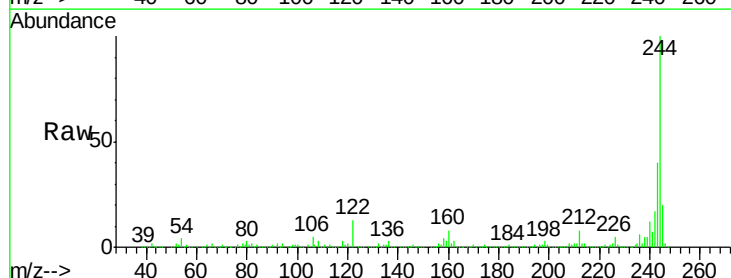
Tgt Ion:244 Resp: 1312092

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

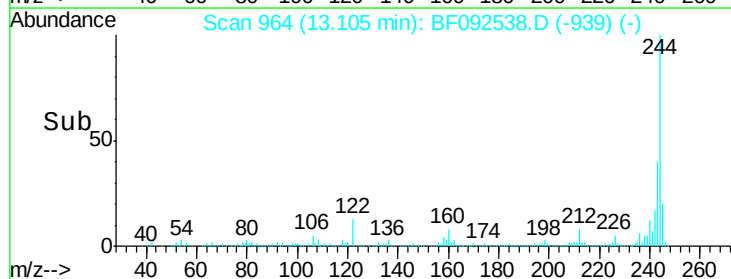
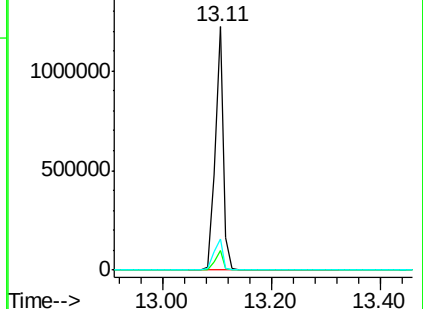
122 12.9 11.4 17.2

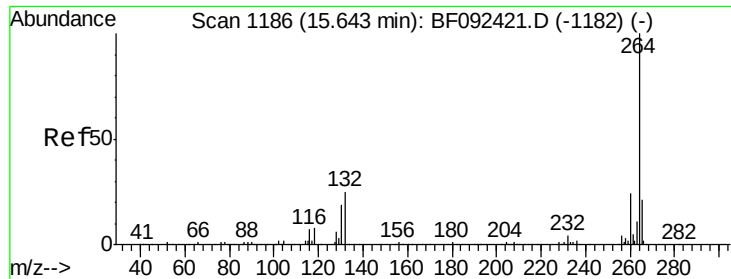


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

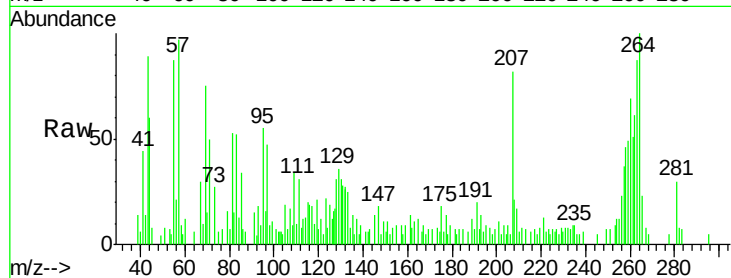




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092538.D
Acq: 26 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012317-1(0-70)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	68.5	19.2	28.8	
265	23.0	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

