

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092537.D
 Acq On : 26 Jan 2017 20:58
 Operator : SJ/MA
 Sample : I1448-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Quant Time: Jan 27 01:34:45 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

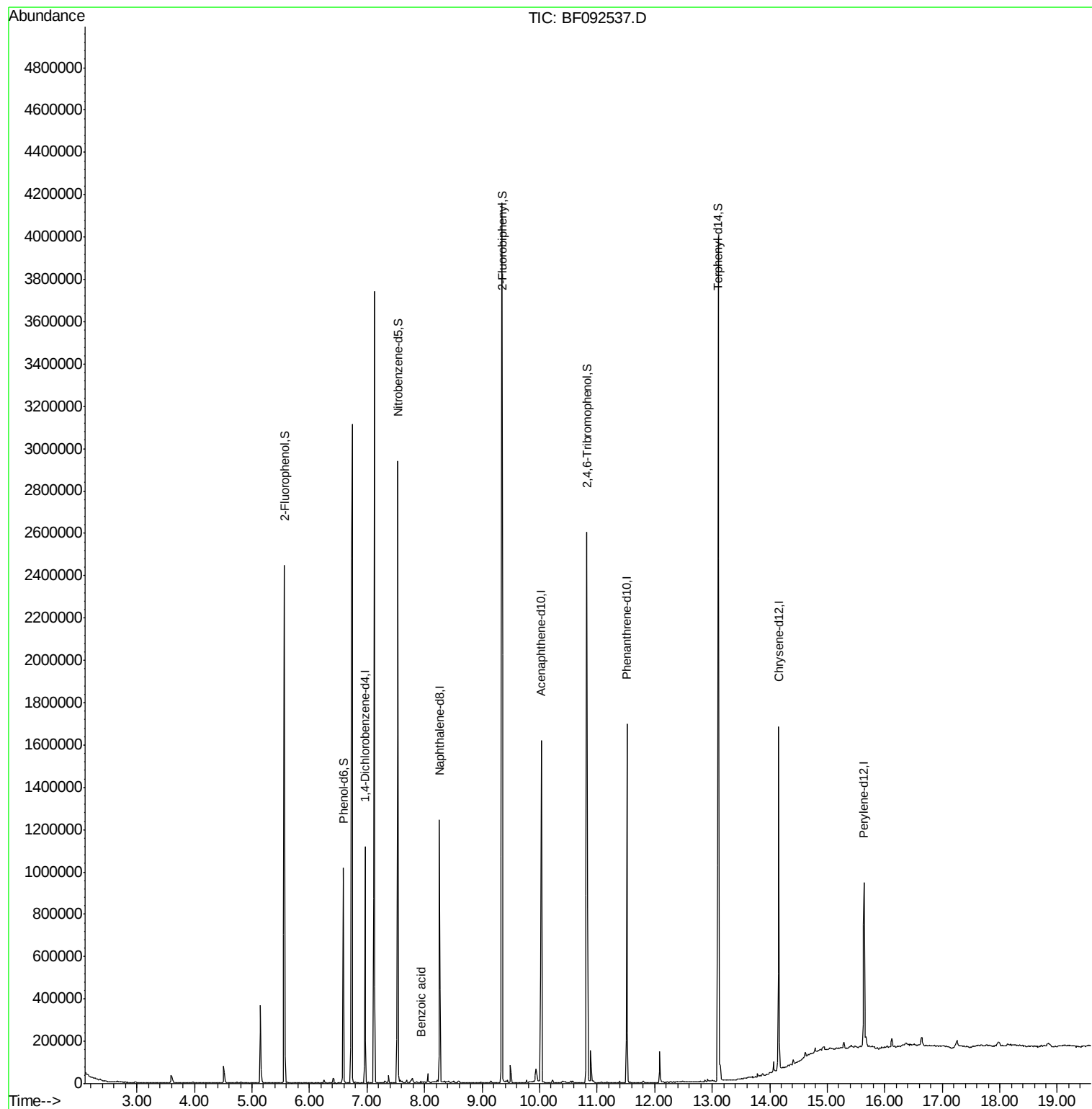
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155065	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	602655	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	357411	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	582707	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	546522	20.00	ng	-0.01
86) Perylene-d12	15.64	264	333405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	624997	62.71	ng	0.01
7) Phenol-d6	6.59	99	494558	38.96	ng	0.00
23) Nitrobenzene-d5	7.54	82	1111521	100.75	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	370362	152.06	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1763860	91.26	ng	-0.01
78) Terphenyl-d14	13.10	244	1741167	84.84	ng	-0.01
Target Compounds						
32) Benzoic acid	7.94	122	2128	4.95	ng	Qvalue 86

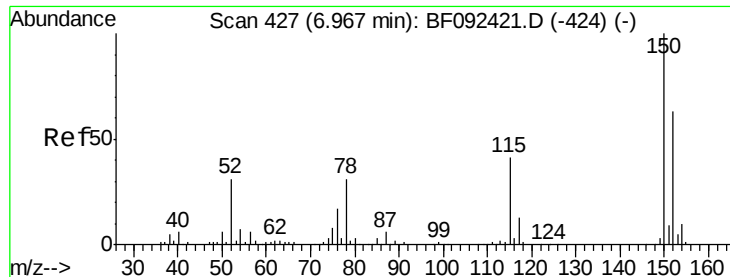
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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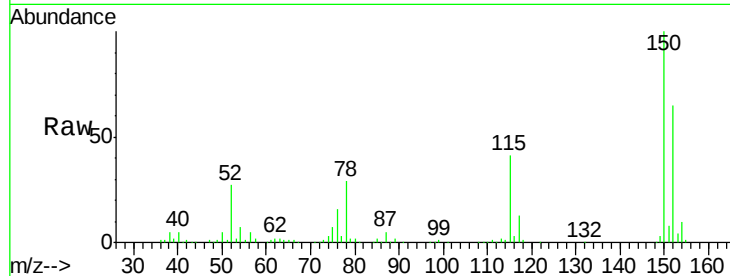


#1

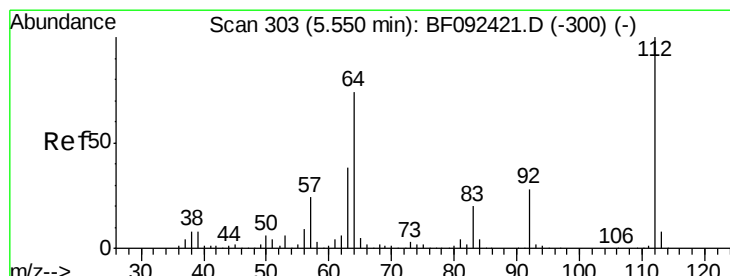
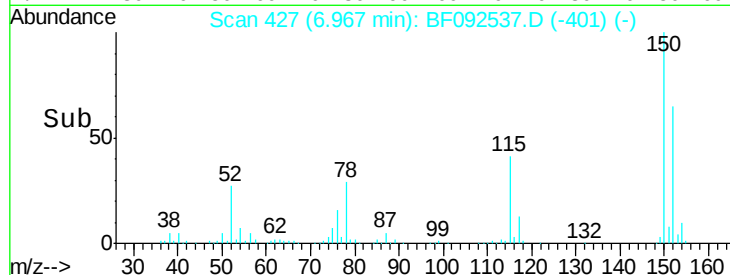
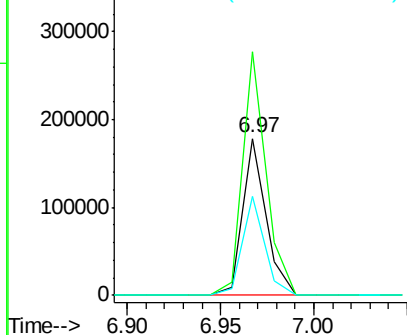
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

Instrument :
BNA_F
ClientSampleId :
CHA-FB012417

Tot Ion:152 Resp: 155065
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 62.8 46.0 69.0



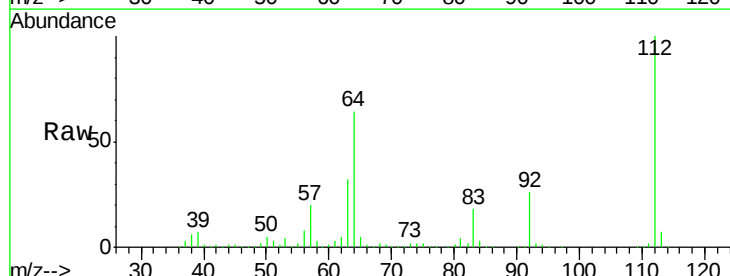
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



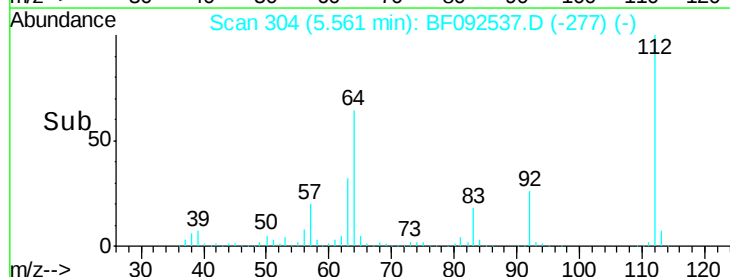
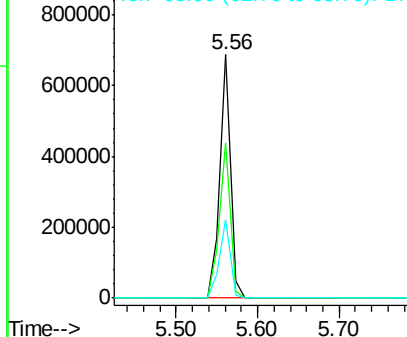
#5

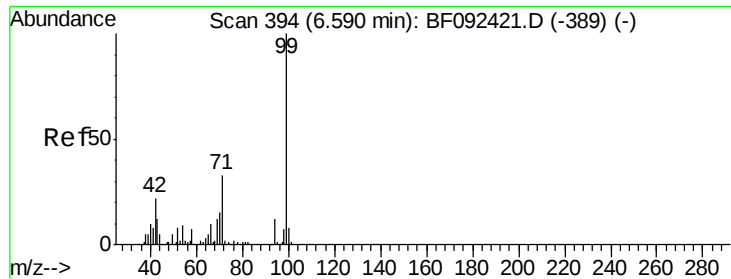
2-Fluorophenol
Concen: 62.71 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092537.D
Acq: 26 Jan 2017 20:58

Tgt Ion:112 Resp: 624997
Ion Ratio Lower Upper
112 100
64 63.9 46.1 69.1
63 32.2 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: 38.96 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

CHA-FB012417

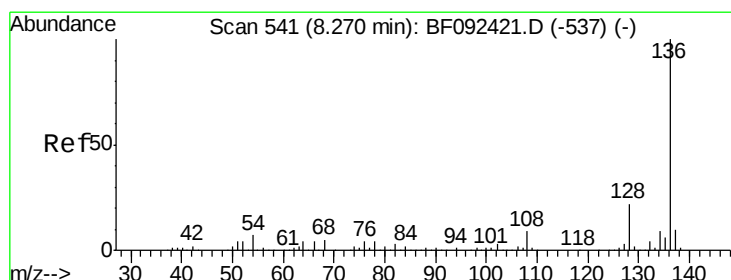
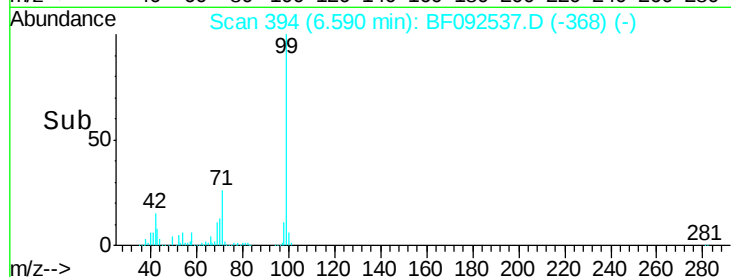
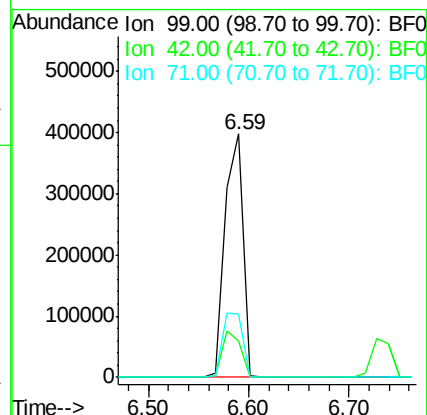
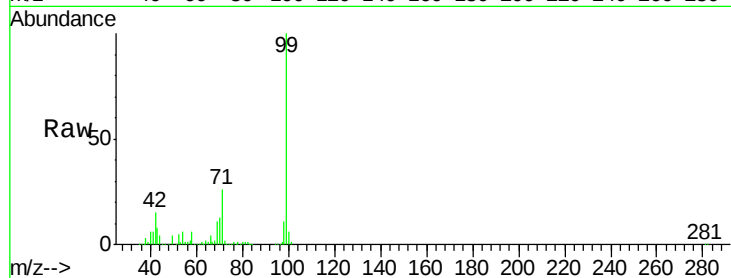
Tot Ion: 99 Resp: 494558

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

71 26.1 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

Tgt Ion: 136 Resp: 602655

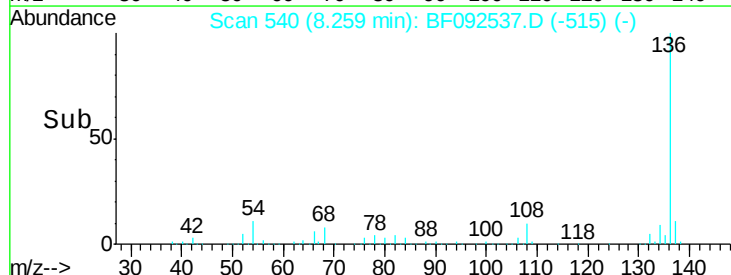
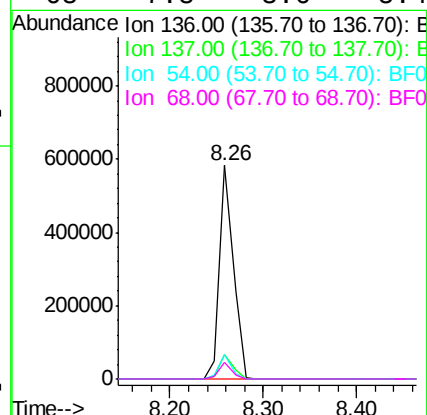
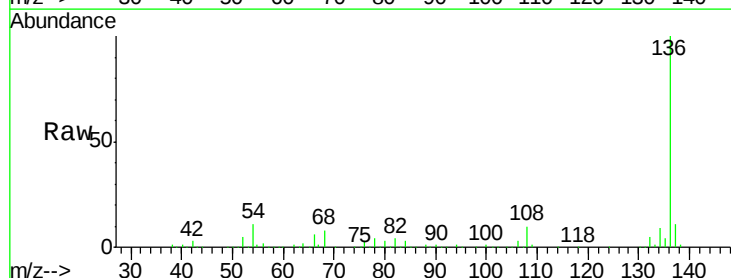
Ion Ratio Lower Upper

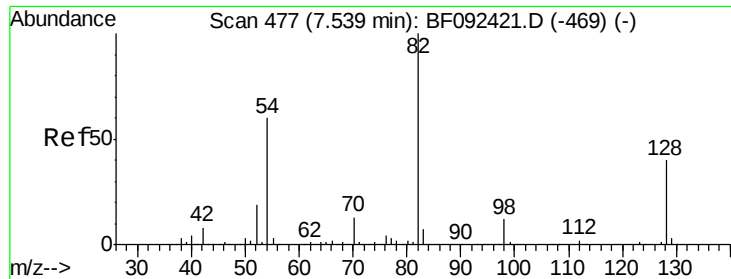
136 100

137 11.4 8.4 12.6

54 11.4 4.5 6.7#

68 7.8 3.6 5.4#

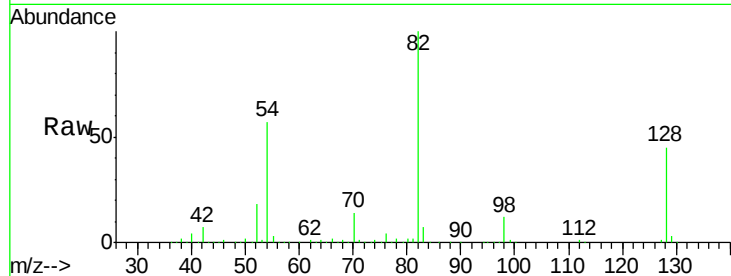




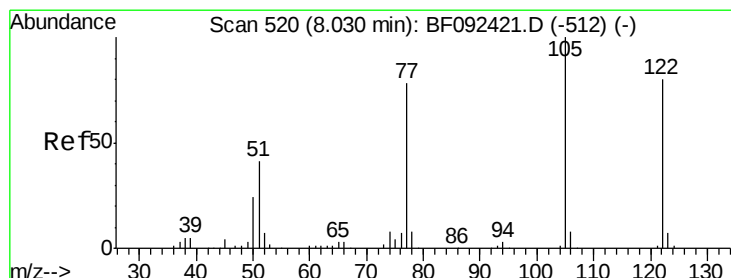
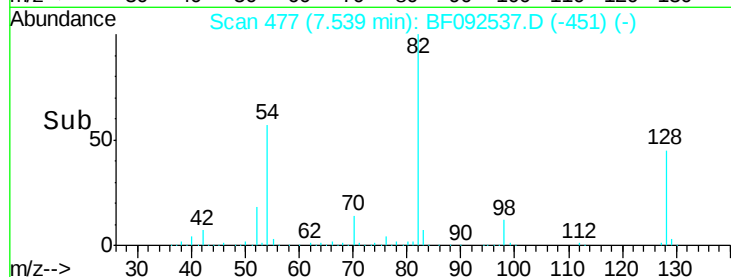
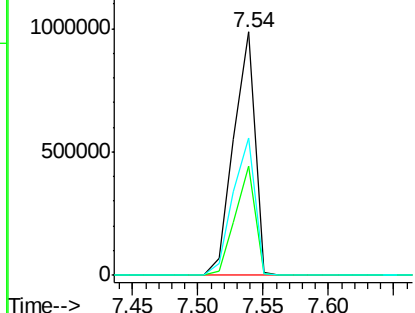
#23
 Nitrobenzene-d5
 Concen: 100.75 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Tot Ion: 82 Resp: 1111521
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 52.0
 54 56.7 39.5 59.3

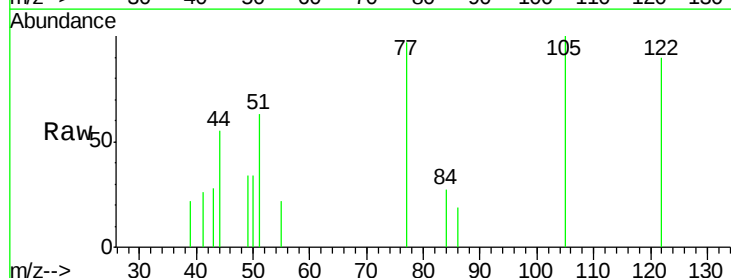


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

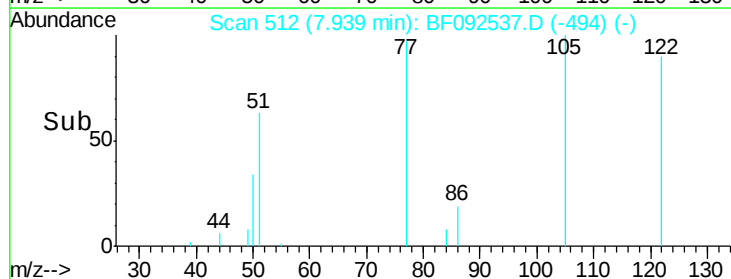
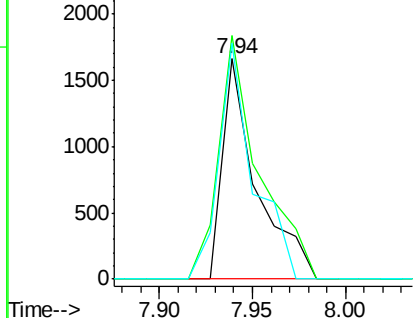


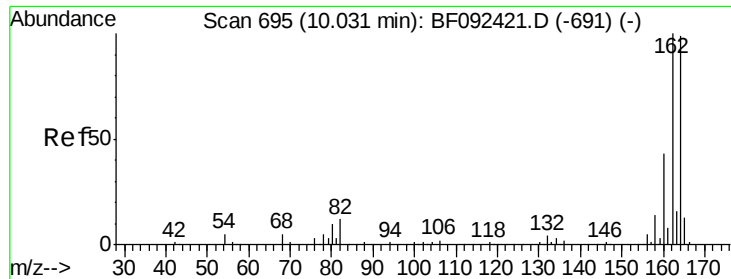
#32
 Benzoic acid
 Concen: 4.95 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.09 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Tgt Ion: 122 Resp: 2128
 Ion Ratio Lower Upper
 122 100
 105 110.6 107.2 147.2
 77 107.4 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): BF0
 Ion 105.00 (104.70 to 105.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

CHA-FB012417

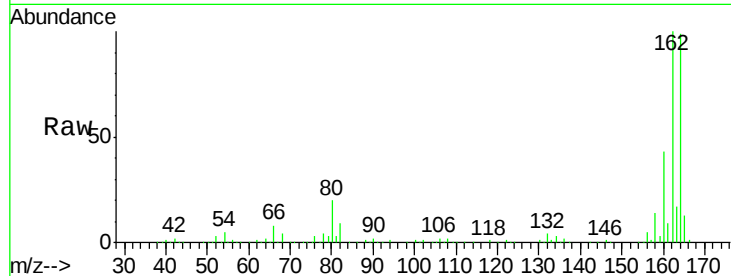
Tot Ion:164 Resp: 357411

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

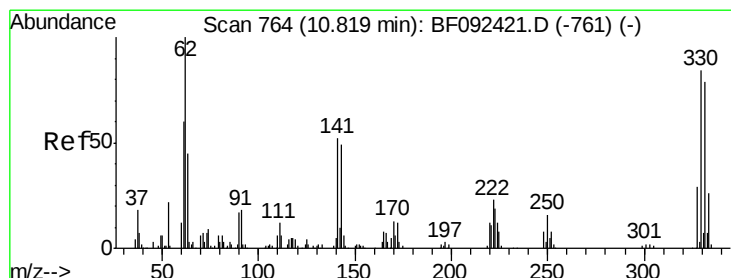
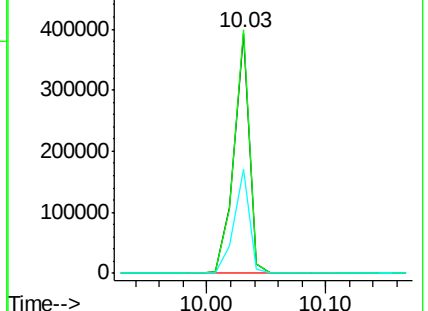
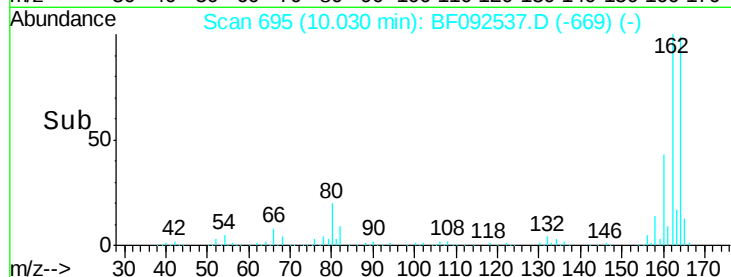
160 43.3 36.9 55.3



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: 152.06 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

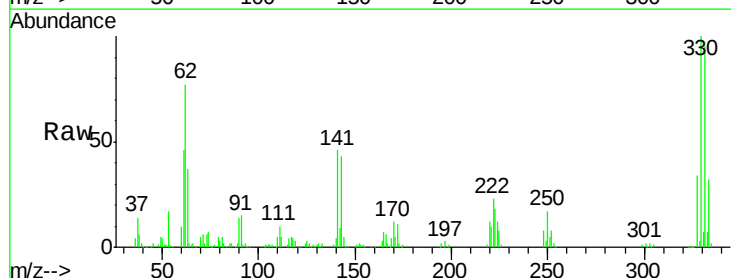
Tgt Ion:330 Resp: 370362

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

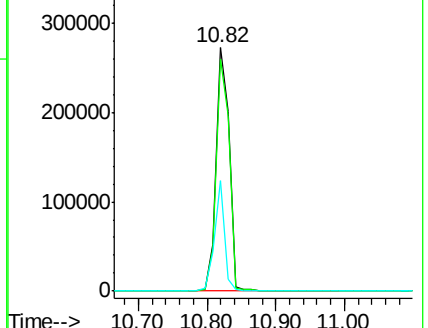
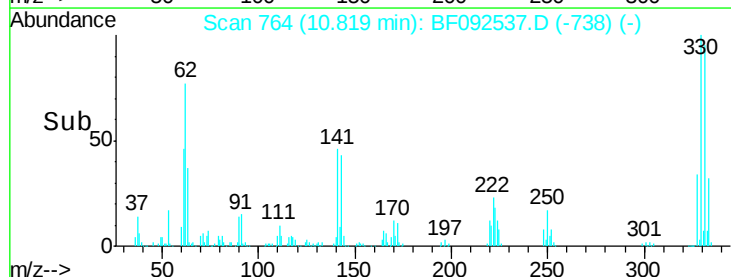
141 34.8 34.1 51.1

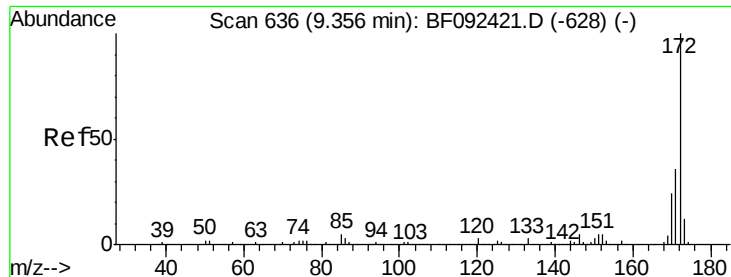


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



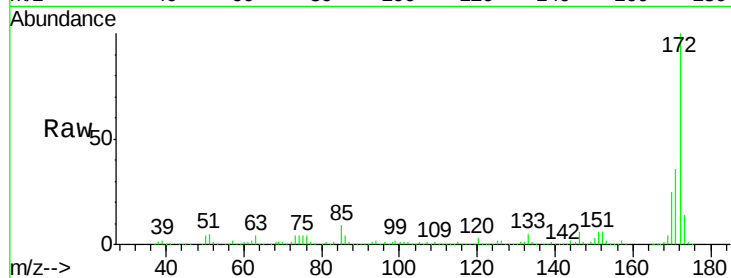


#44
 2-Fluorobiphenyl
 Concen: 91.26 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

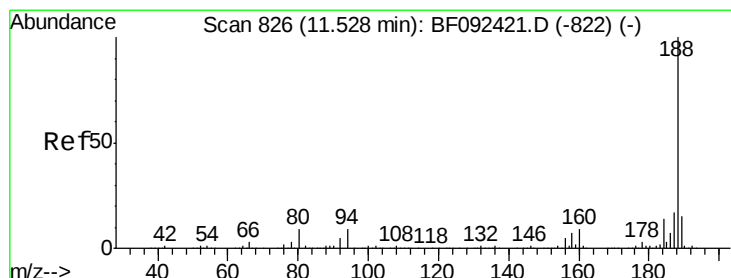
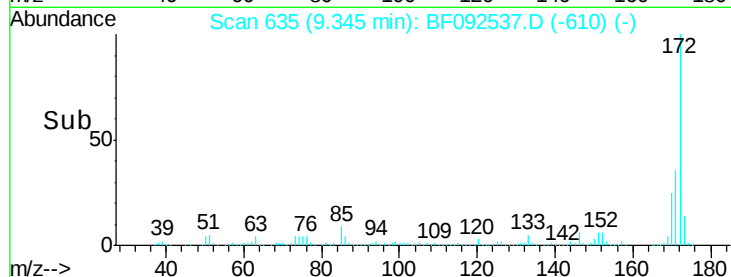
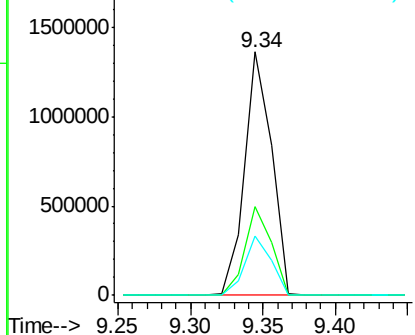
Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Tot Ion:172 Resp: 1763860

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	20.2	30.4



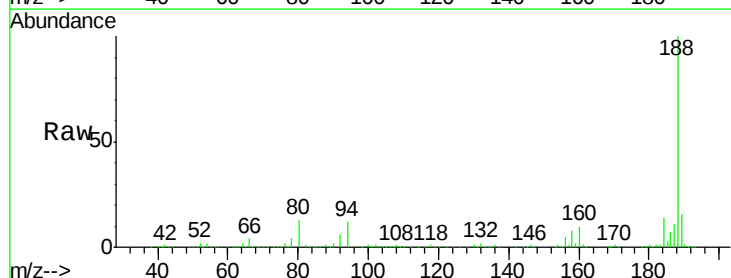
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



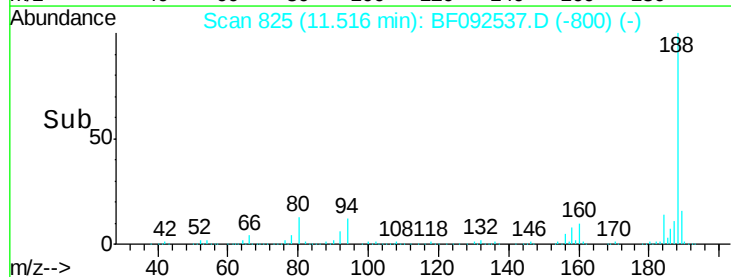
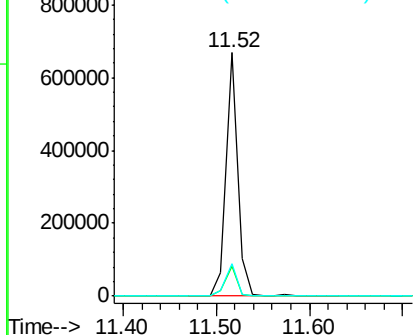
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

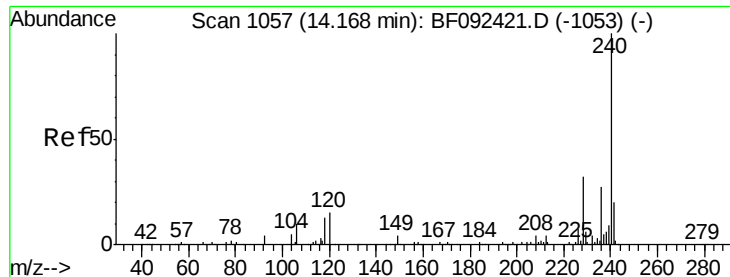
Tgt Ion:188 Resp: 582707

Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.0	15.0
80	13.1	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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

Instrument :

BNA_F

ClientSampleId :

CHA-FB012417

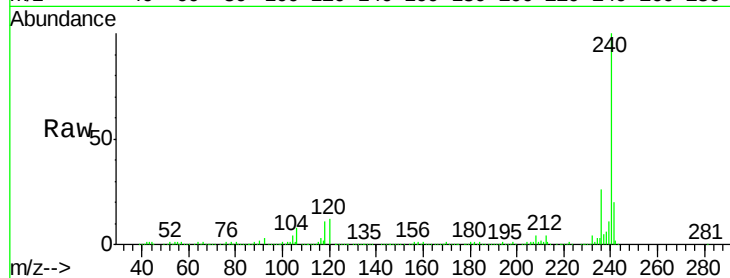
Tot Ion:240 Resp: 546522

Ion Ratio Lower Upper

240 100

120 12.0 12.9 19.3#

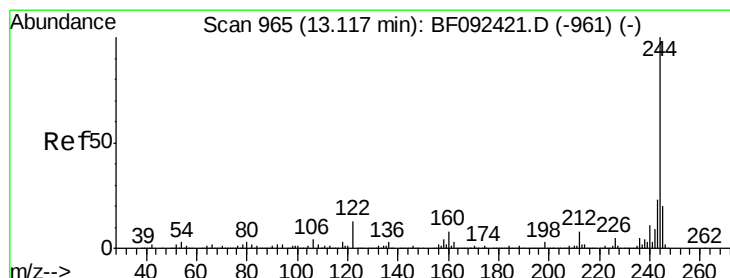
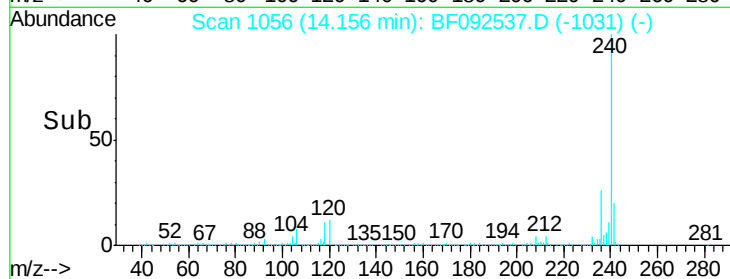
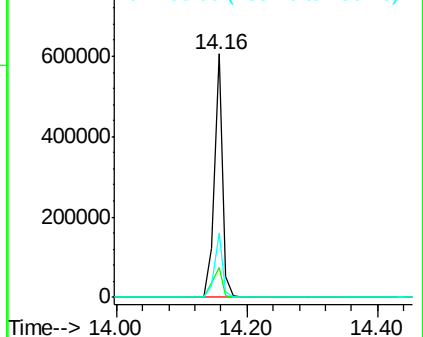
236 26.5 20.9 31.3



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: 84.84 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092537.D

Acq: 26 Jan 2017 20:58

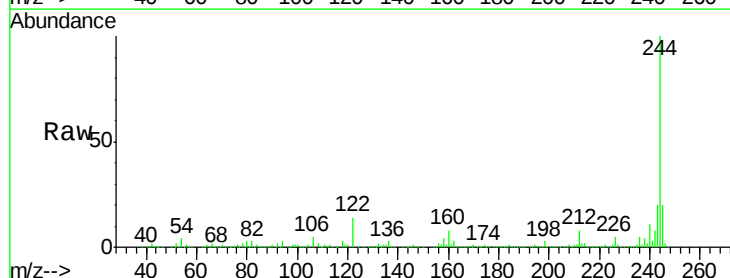
Tgt Ion:244 Resp: 1741167

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

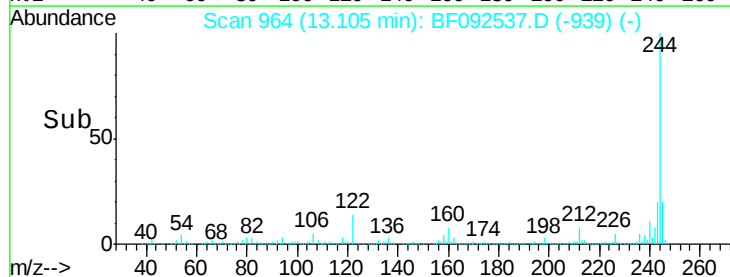
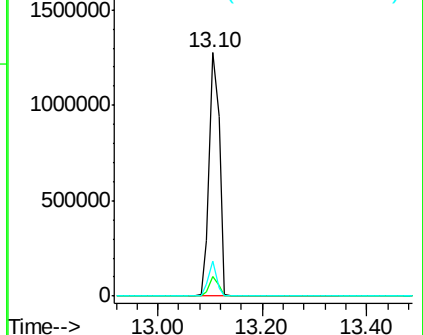
122 14.3 11.4 17.2

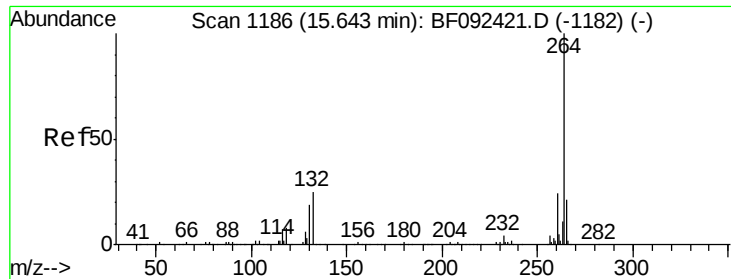


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.64 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF092537.D
 Acq: 26 Jan 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 CHA-FB012417

Tot Ion: 264 Resp: 333405
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.2 28.8
 265 20.7 17.4 26.0

