

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090344.D
 Acq On : 4 Oct 2016 15:12
 Operator : UM/SJ
 Sample : H4999-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B044-3-6RE

Quant Time: Oct 04 15:46:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

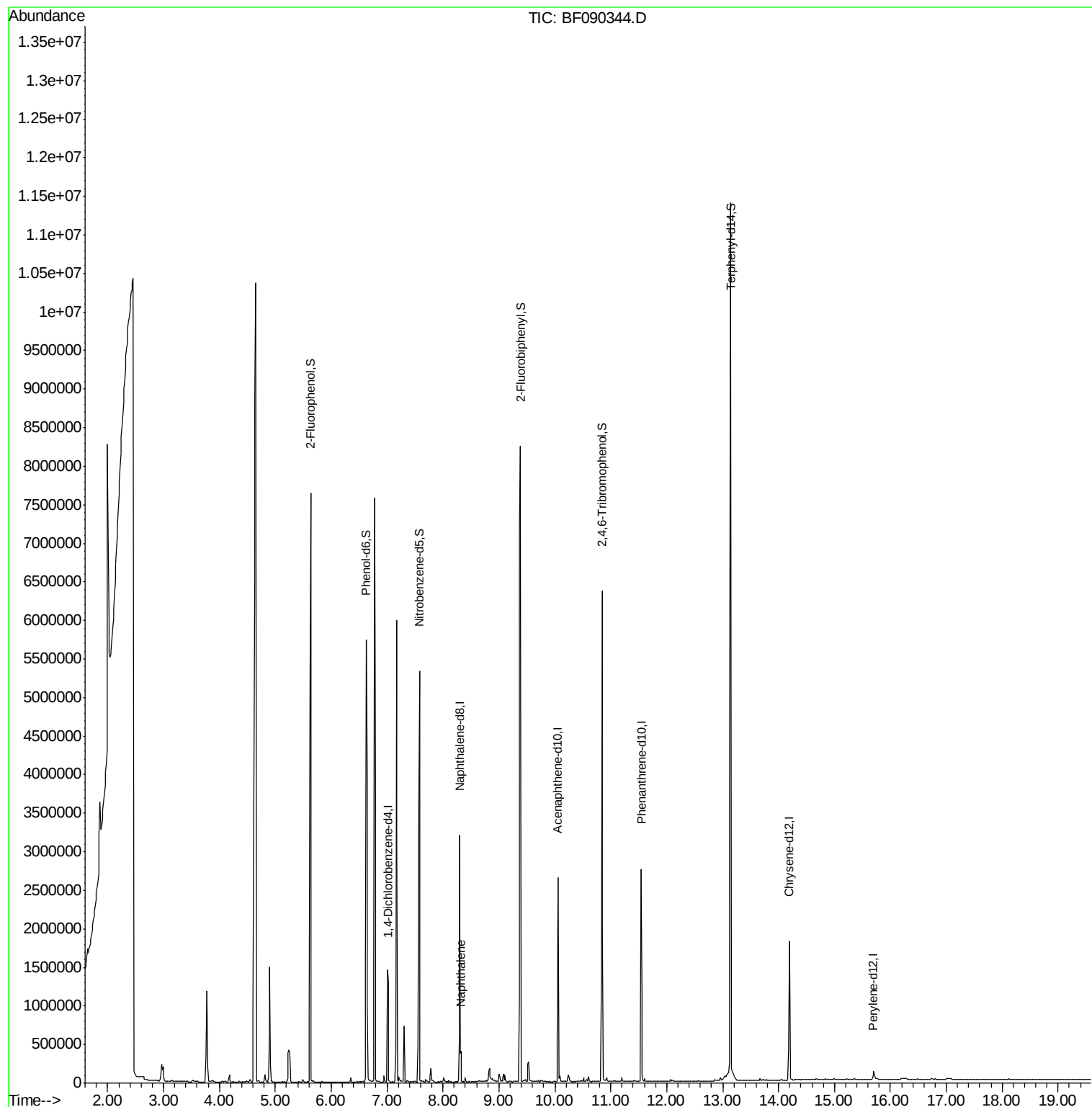
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	311044	20.00	ng	0.01
21) Naphthalene-d8	8.30	136	1313854	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	443729	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	976125	20.00	ng	0.00
75) Chrysene-d12	14.19	240	414159	20.00	ng	0.00
86) Perylene-d12	15.69	264	10362	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	2665648	135.17	ng	0.02
7) Phenol-d6	6.63	99	2333164	94.65	ng	0.00
23) Nitrobenzene-d5	7.58	82	2299649	102.03	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	943605	244.84	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3669878	134.84	ng	0.00
78) Terphenyl-d14	13.14	244	3104480	174.51	ng	0.00
Target Compounds						
31) Naphthalene	8.32	128	166559	2.65	ng	Qvalue 96

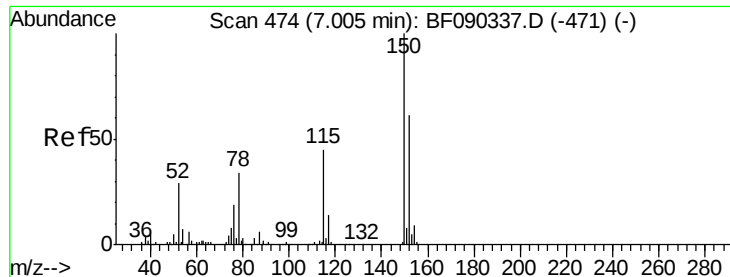
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6RE

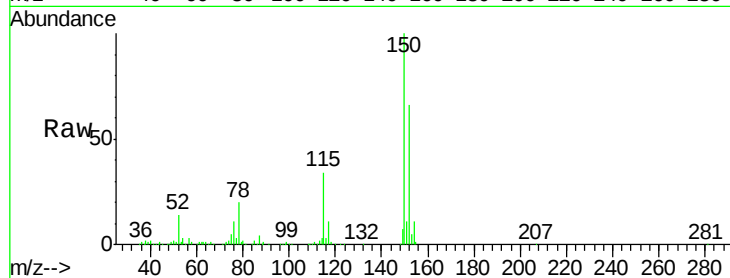
Tgt Ion:152 Resp: 311044

Ion Ratio Lower Upper

152 100

150 151.0 124.6 186.8

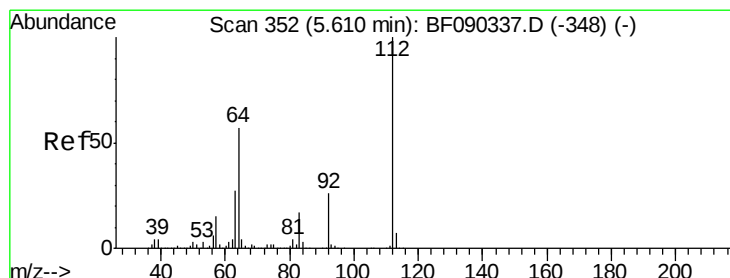
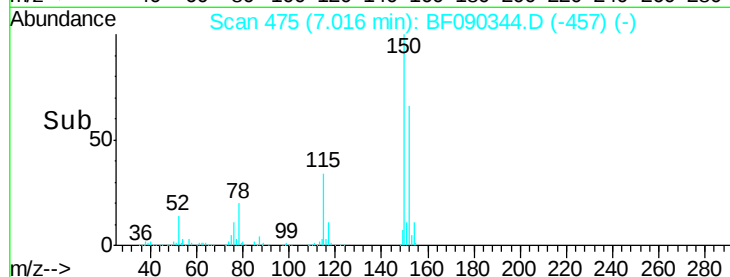
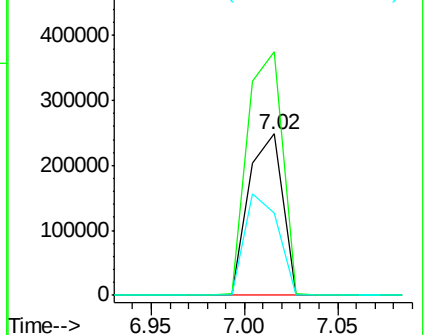
115 50.8 46.2 69.4



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: 135.17 ng

RT: 5.63 min Scan# 354

Delta R.T. 0.02 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

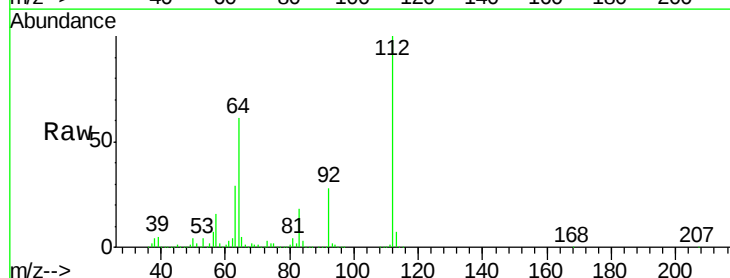
Tgt Ion:112 Resp: 2665648

Ion Ratio Lower Upper

112 100

64 61.0 57.9 86.9

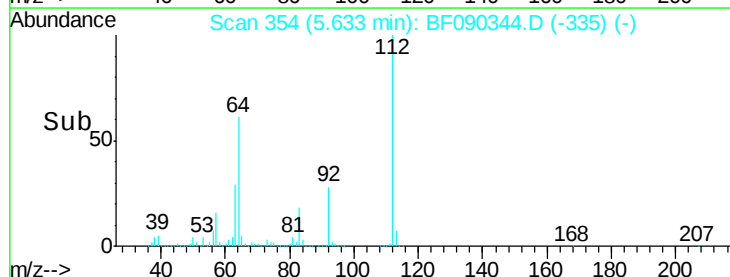
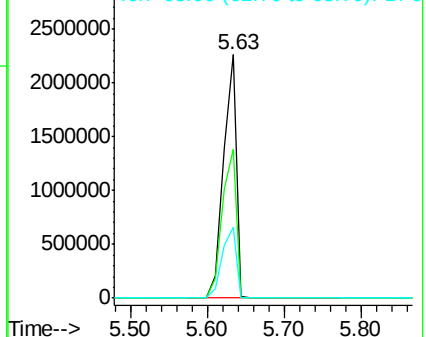
63 29.1 29.6 44.4#

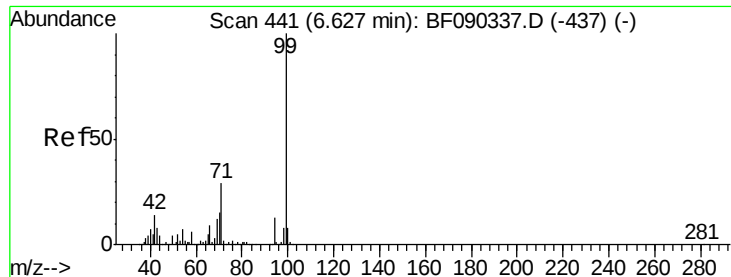


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.65 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Instrument :

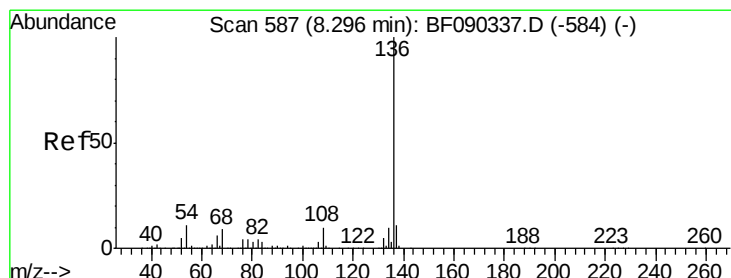
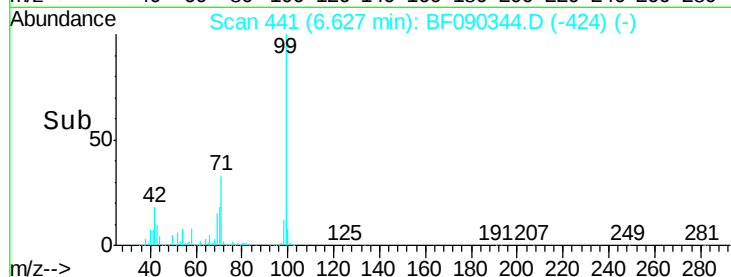
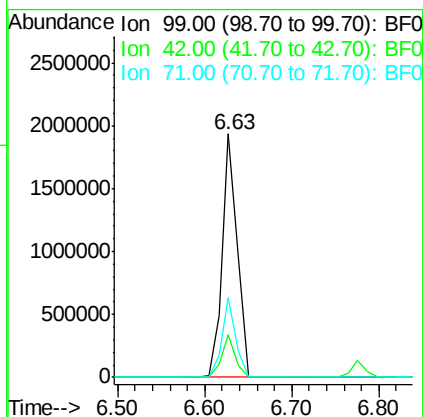
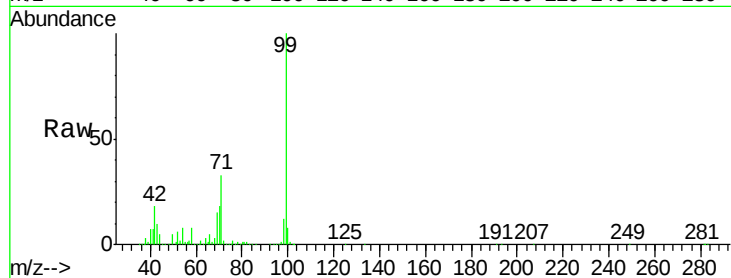
BNA_F

ClientSampleId :

SUP-B044-3-6RE

Tgt Ion: 99 Resp: 2333164

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.0	30.0#
71	33.0	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 587

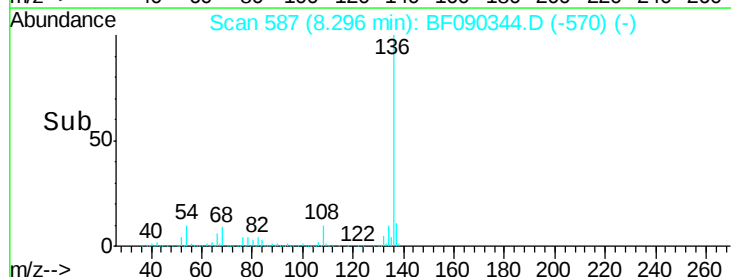
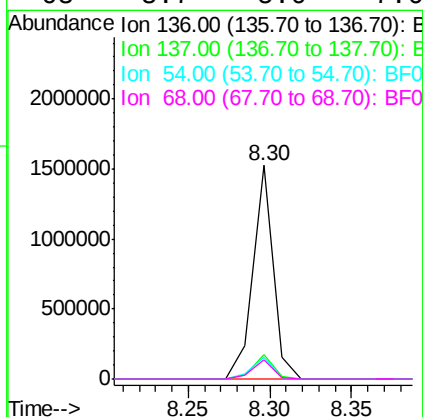
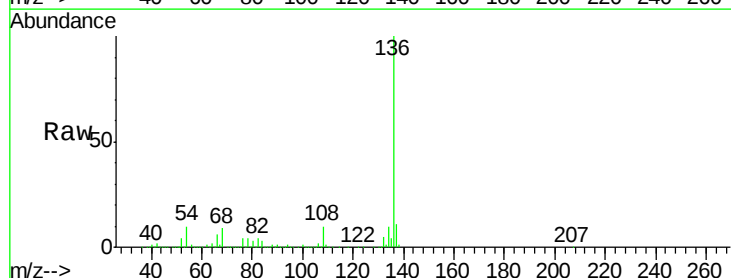
Delta R.T. -0.00 min

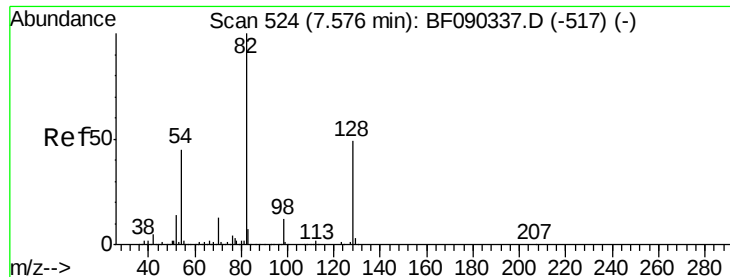
Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Tgt Ion: 136 Resp: 1313854

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.0	6.6	10.0#
68	8.7	5.0	7.6#

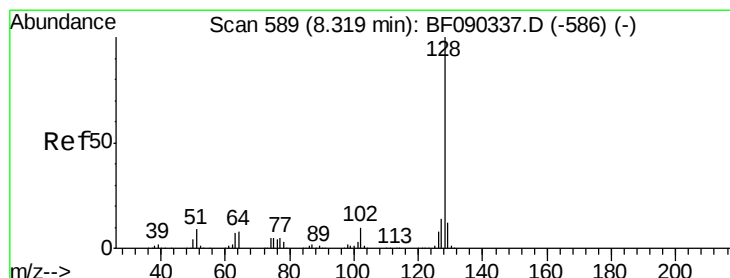
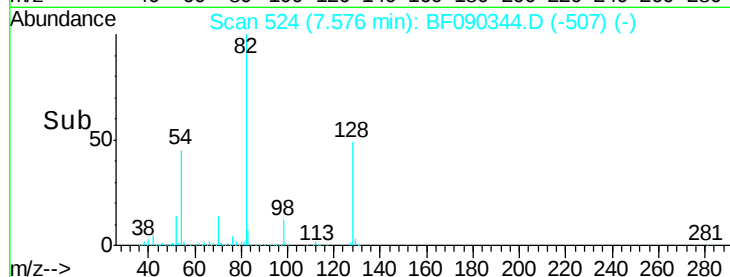
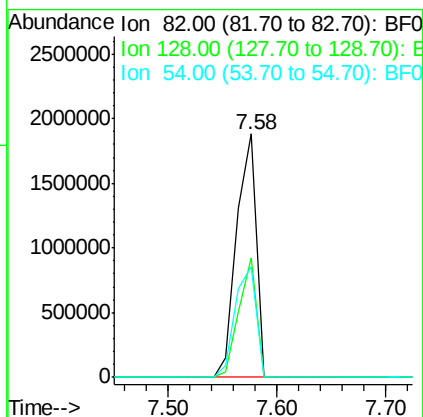
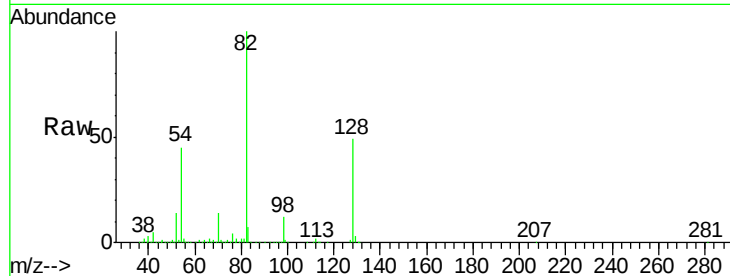




#23
Nitrobenzene-d5
Concen: 102.03 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

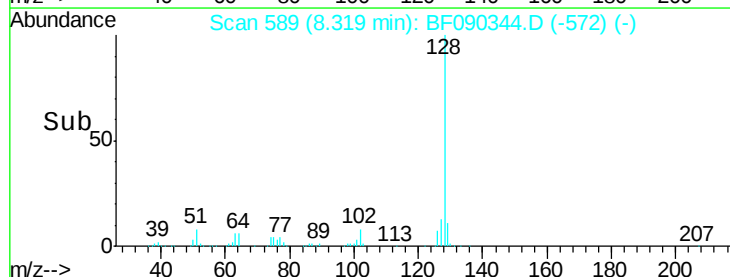
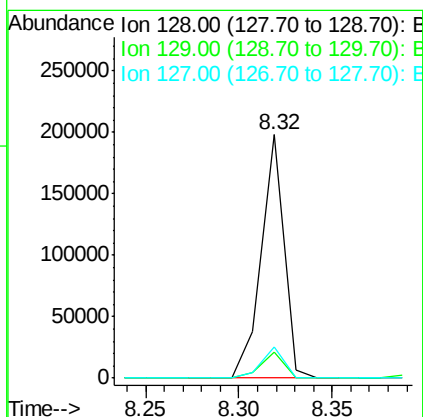
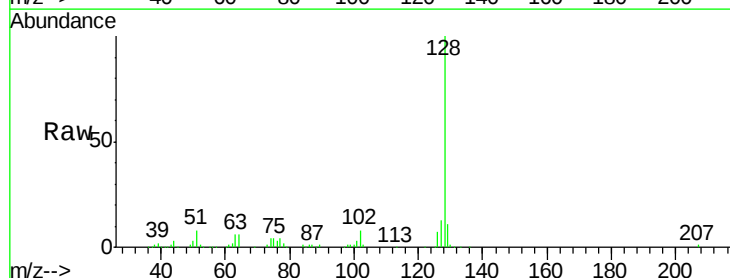
Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6RE

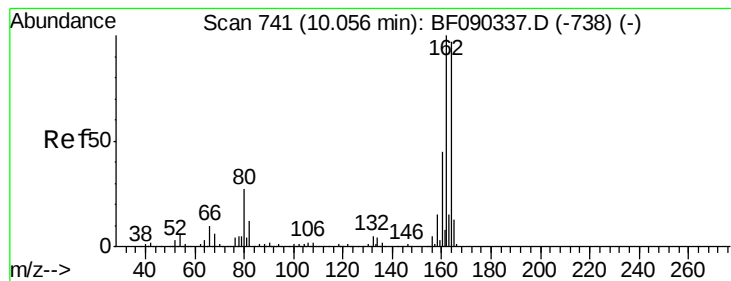
Tgt Ion: 82 Resp: 2299649
Ion Ratio Lower Upper
82 100
128 49.2 40.0 60.0
54 45.3 42.6 64.0



#31
Naphthalene
Concen: 2.65 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Tgt Ion: 128 Resp: 166559
Ion Ratio Lower Upper
128 100
129 10.7 9.7 14.5
127 12.8 11.7 17.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6RE

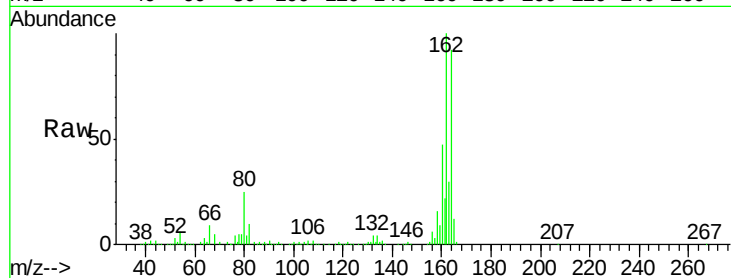
Tgt Ion:164 Resp: 443729

Ion Ratio Lower Upper

164 100

162 108.6 80.1 120.1

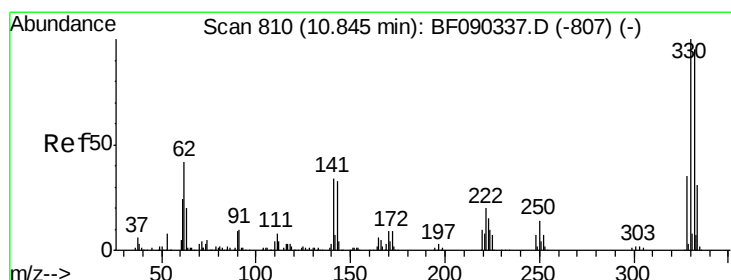
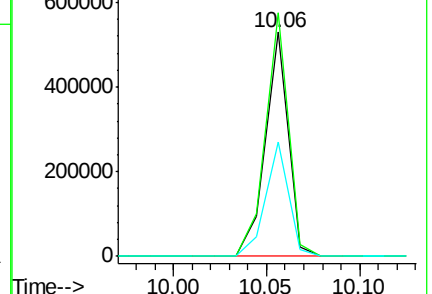
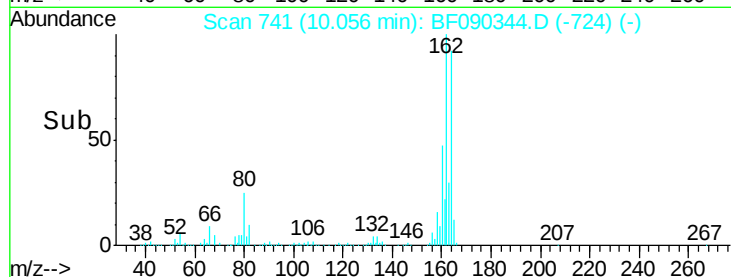
160 50.7 36.3 54.5



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: 244.84 ng

RT: 10.84 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

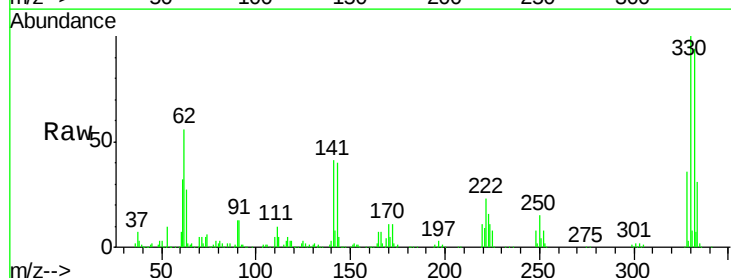
Tgt Ion:330 Resp: 943605

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.0

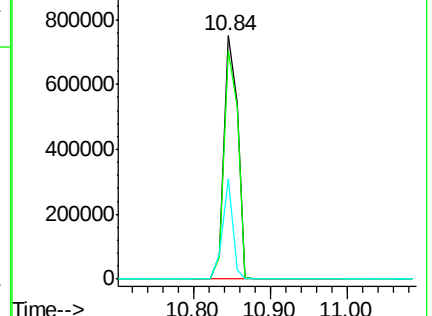
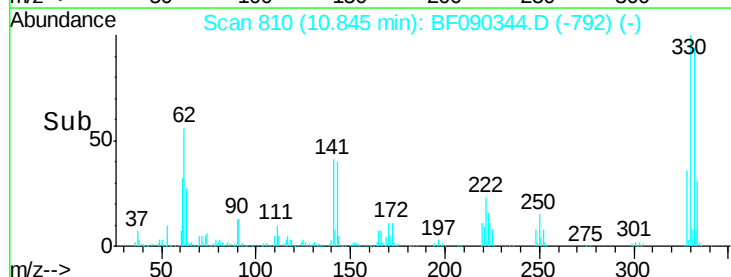
141 30.5 26.9 40.3

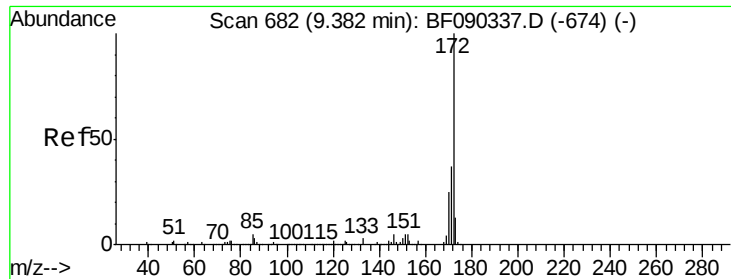


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

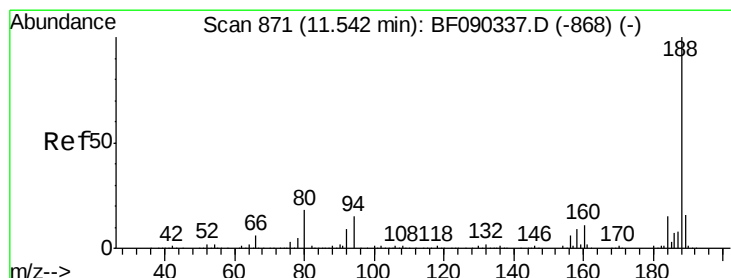
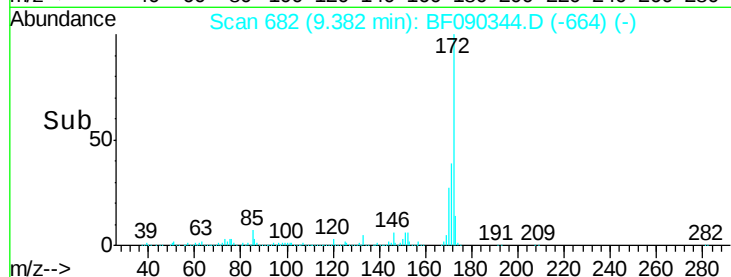
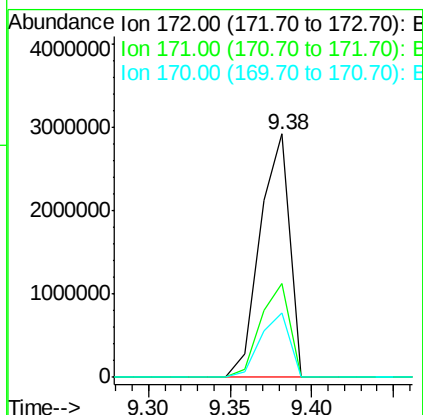
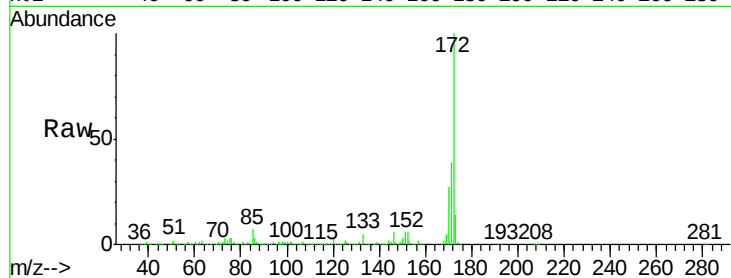




#44
2-Fluorobiphenyl
Concen: 134.84 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

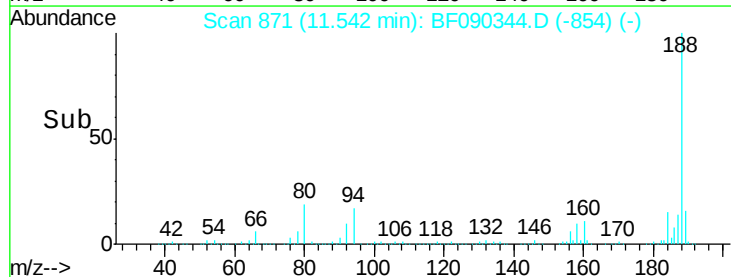
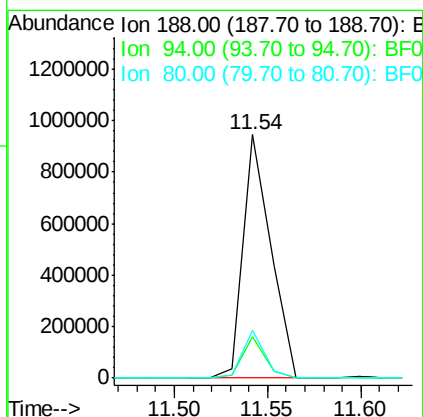
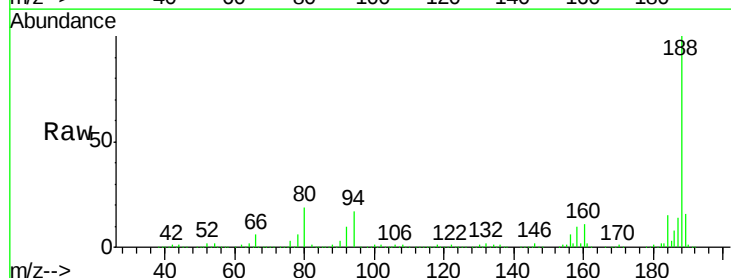
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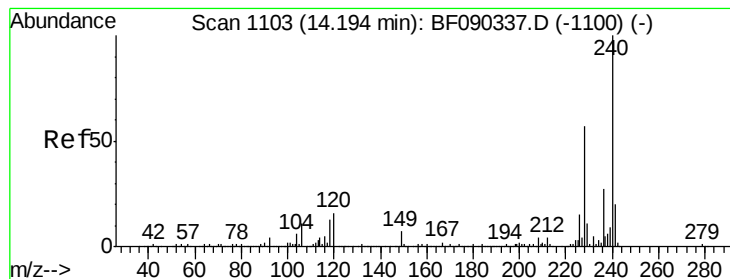
Tgt Ion:172 Resp: 3669878
Ion Ratio Lower Upper
172 100
171 38.5 31.8 47.8
170 26.6 21.7 32.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Tgt Ion:188 Resp: 976125
Ion Ratio Lower Upper
188 100
94 16.8 8.2 12.2#
80 19.4 8.8 13.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

Instrument :

BNA_F

ClientSampleId :

SUP-B044-3-6RE

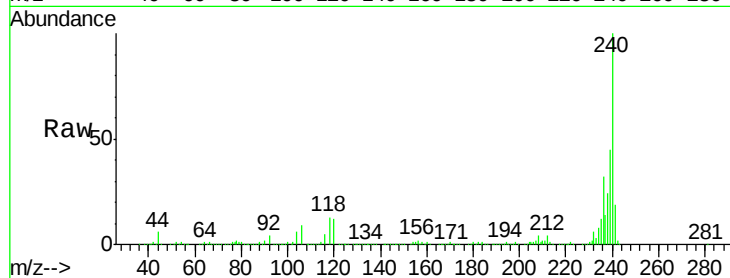
Tgt Ion:240 Resp: 414159

Ion Ratio Lower Upper

240 100

120 12.4 8.6 13.0

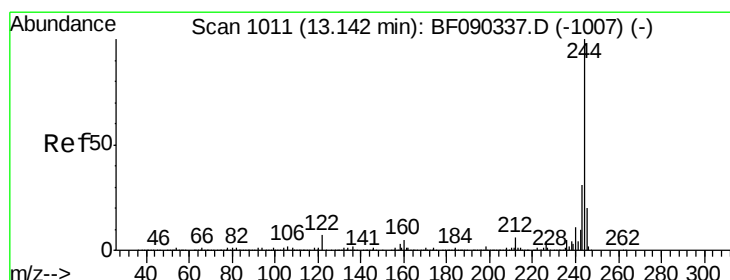
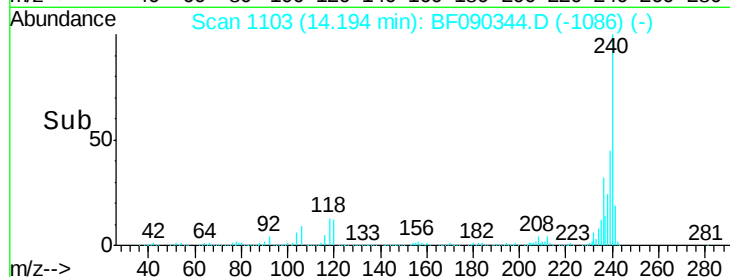
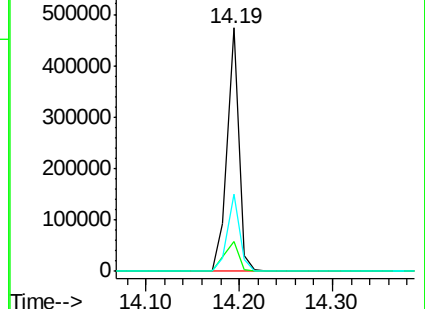
236 31.6 21.6 32.4



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: 174.51 ng

RT: 13.14 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF090344.D

Acq: 4 Oct 2016 15:12

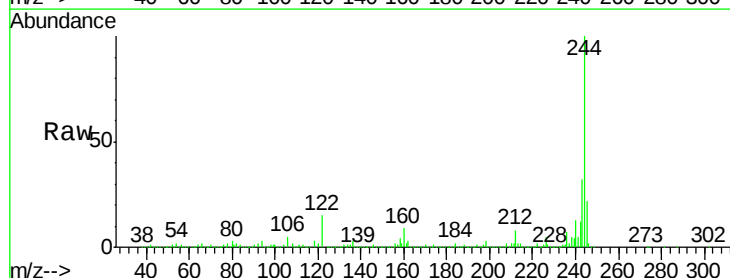
Tgt Ion:244 Resp: 3104480

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

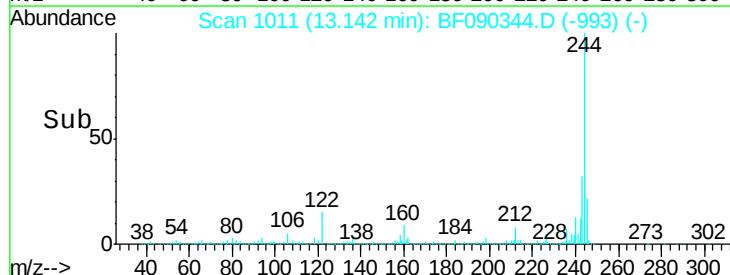
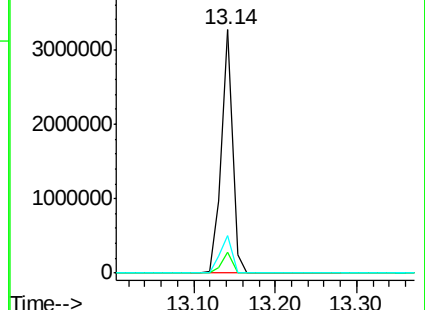
122 15.4 13.3 19.9

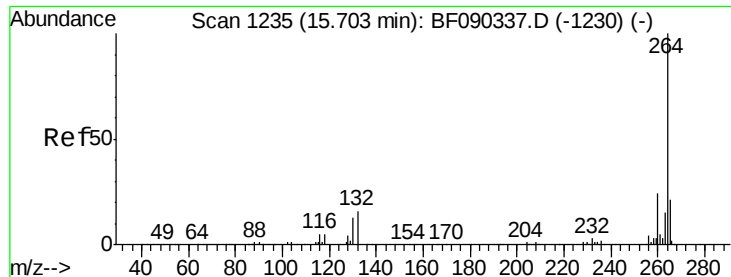


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

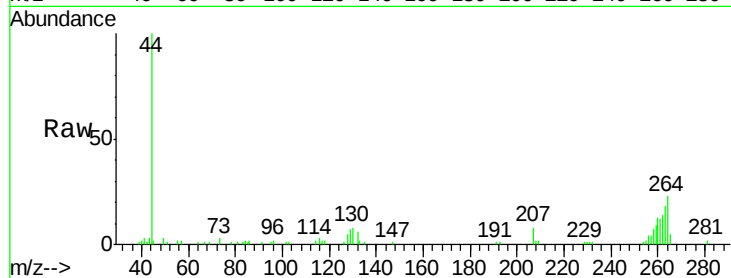




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF090344.D
Acq: 4 Oct 2016 15:12

Instrument :
BNA_F
ClientSampleId :
SUP-B044-3-6RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	58.5	19.3	28.9
265	23.4	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

