

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089951.D
 Acq On : 31 Aug 2016 15:36
 Operator : UM/SJ
 Sample : H4620-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-REC-SELECT-FILL

Quant Time: Aug 31 18:03:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

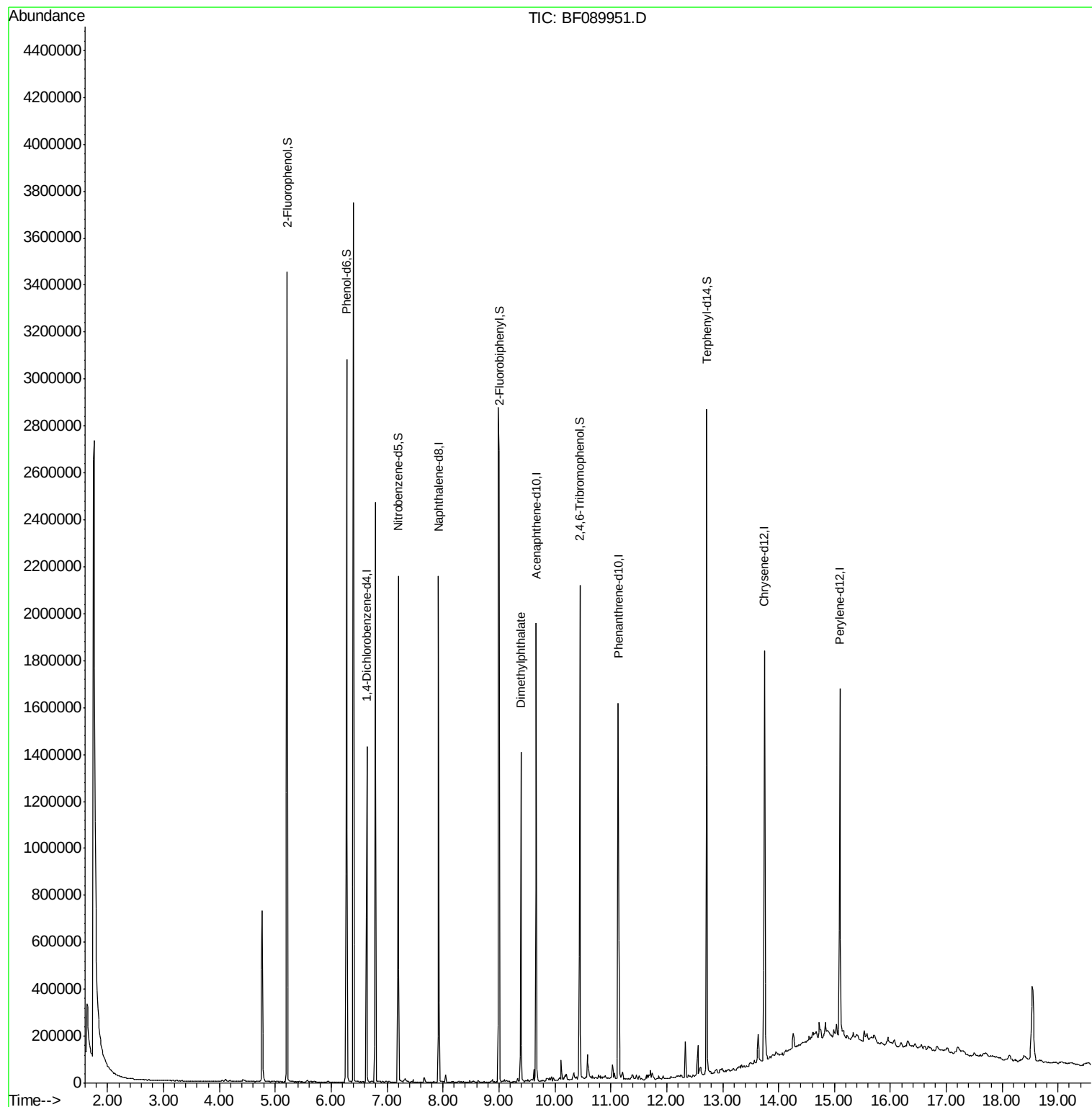
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	251558	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	899503	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	437315	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	646534	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	593482	20.00	ng	-0.01
86) Perylene-d12	15.10	264	617127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1013010	64.46	ng	0.00
7) Phenol-d6	6.27	99	1244084	65.15	ng	0.00
23) Nitrobenzene-d5	7.20	82	696405	44.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	231279	53.61	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1419414	53.28	ng	0.00
78) Terphenyl-d14	12.72	244	1008908	41.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	506991	16.04	ng	99

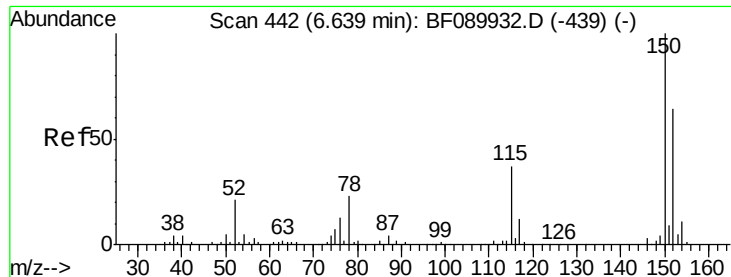
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089951.D

Acq: 31 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

RICHMOND-REC-SELECT-FILL

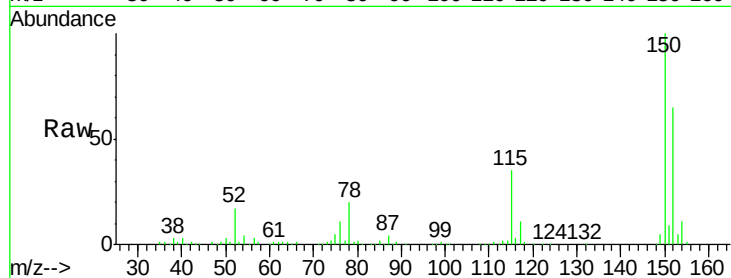
Tgt Ion:152 Resp: 251558

Ion Ratio Lower Upper

152 100

150 154.1 127.4 191.2

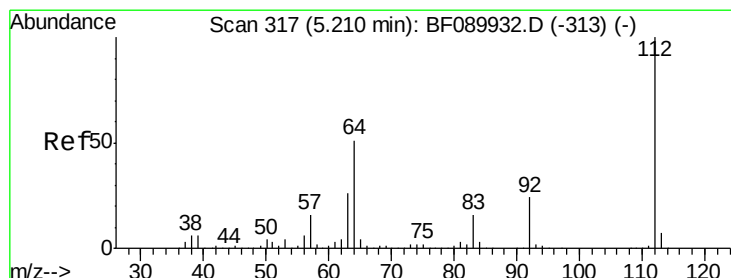
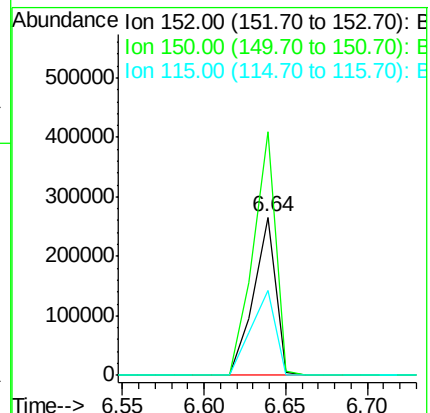
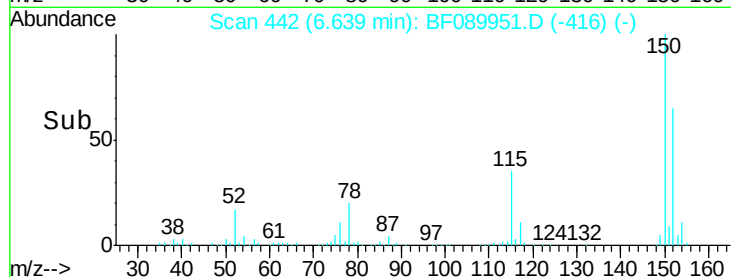
115 54.0 46.3 69.5



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: 64.46 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089951.D

Acq: 31 Aug 2016 15:36

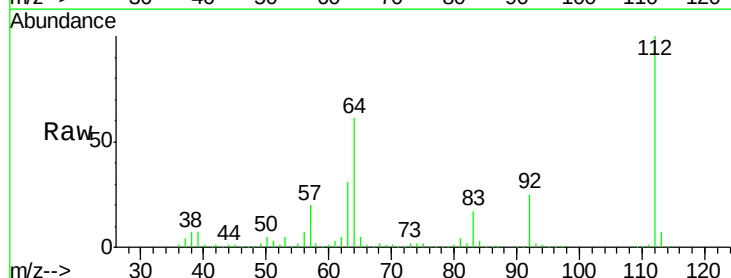
Tgt Ion:112 Resp: 1013010

Ion Ratio Lower Upper

112 100

64 61.1 41.1 61.7

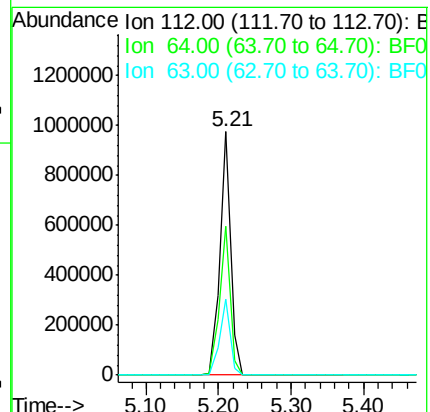
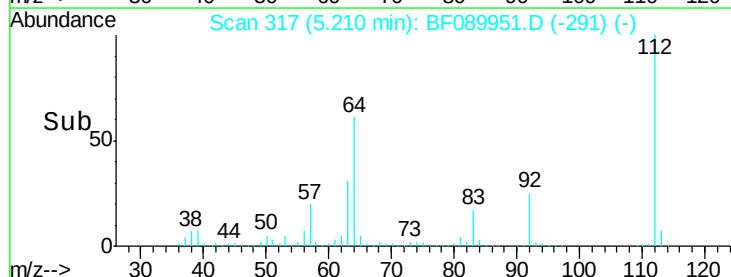
63 31.4 21.2 31.8

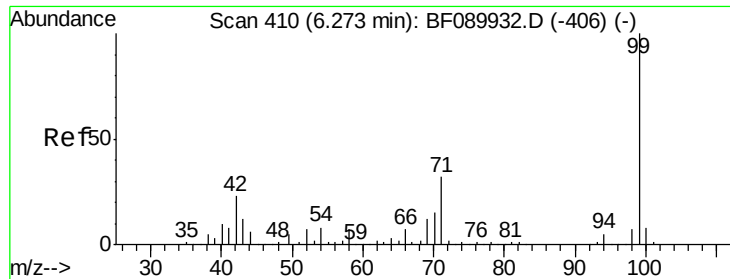


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 65.15 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089951.D

Acq: 31 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

RICHMOND-REC-SELECT-FILL

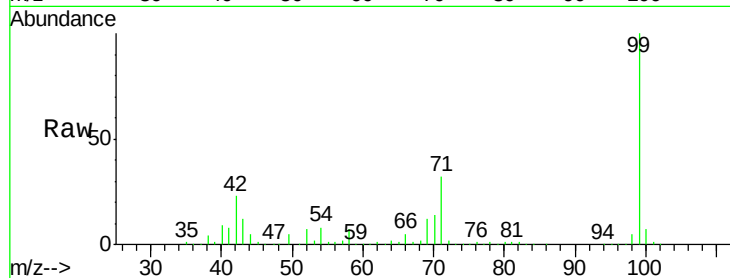
Tgt Ion: 99 Resp: 1244084

Ion Ratio Lower Upper

99 100

42 23.0 18.6 27.8

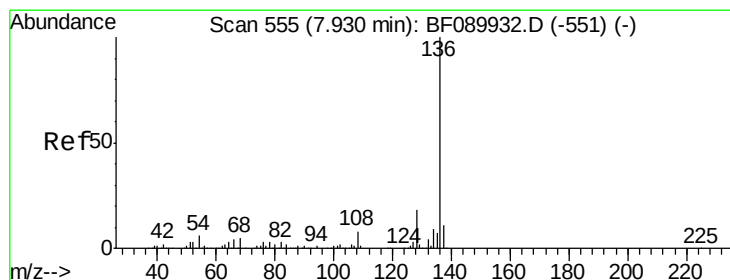
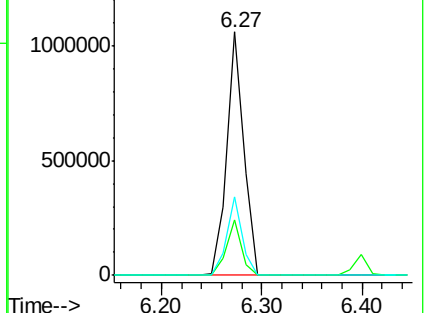
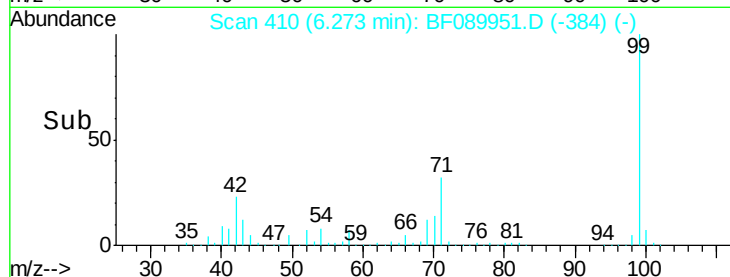
71 32.2 25.8 38.6



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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089951.D

Acq: 31 Aug 2016 15:36

Tgt Ion: 136 Resp: 899503

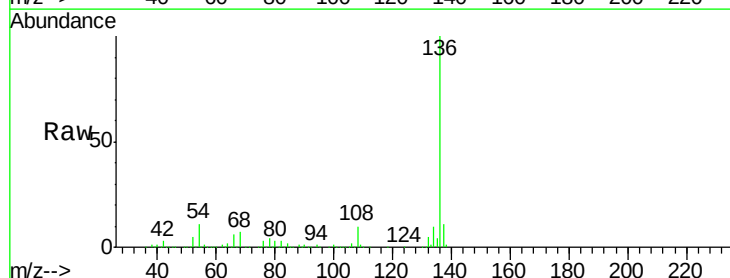
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 10.6 4.8 7.2#

68 7.2 3.7 5.5#

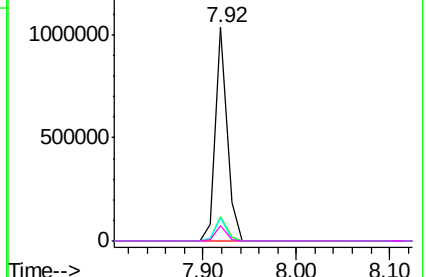
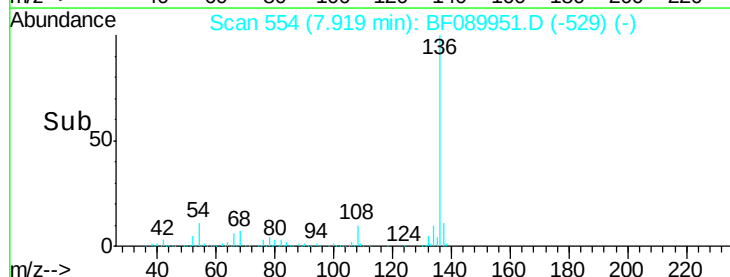


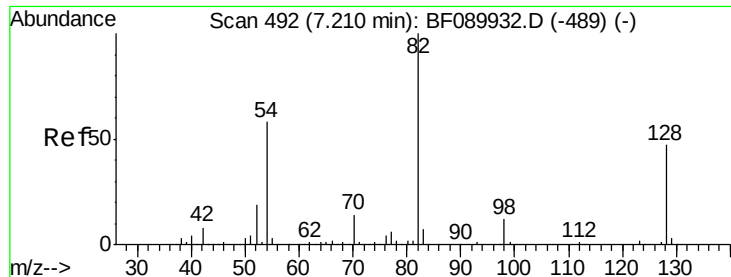
Abundance Ion 136.00 (135.70 to 136.70): E

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

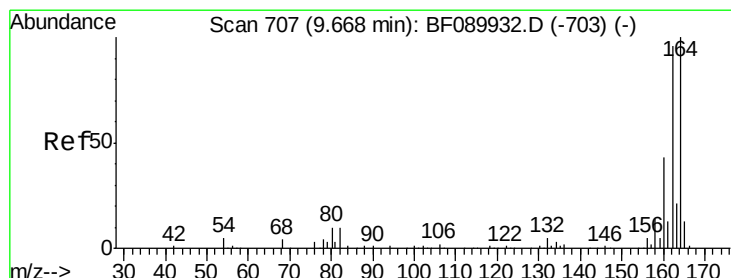
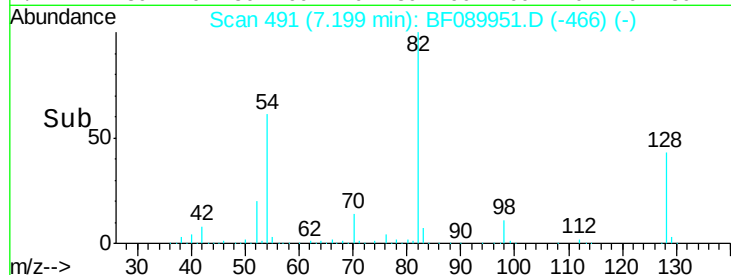
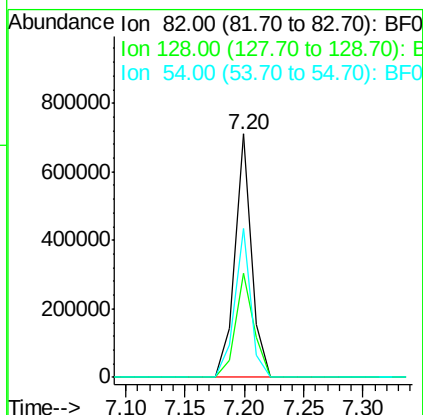
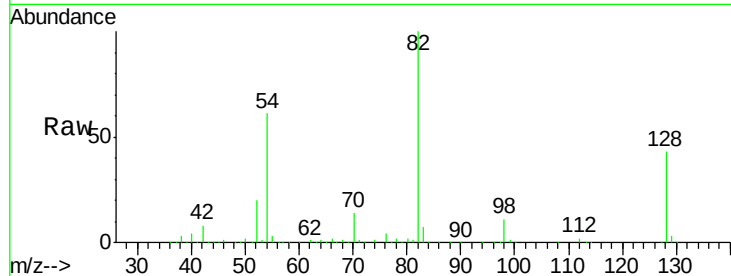




#23
 Nitrobenzene-d5
 Concen: 44.90 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089951.D
 Acq: 31 Aug 2016 15:36

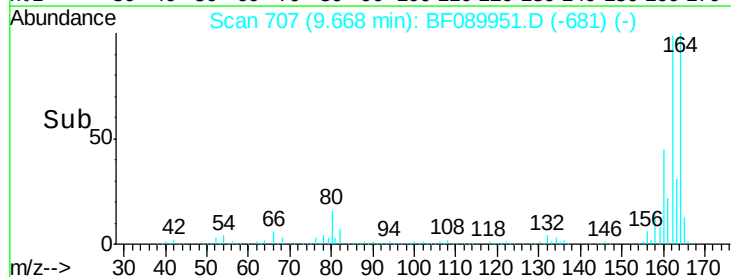
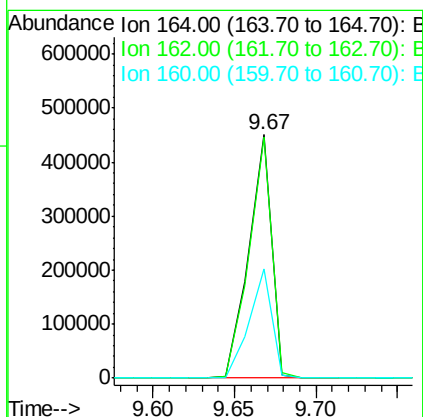
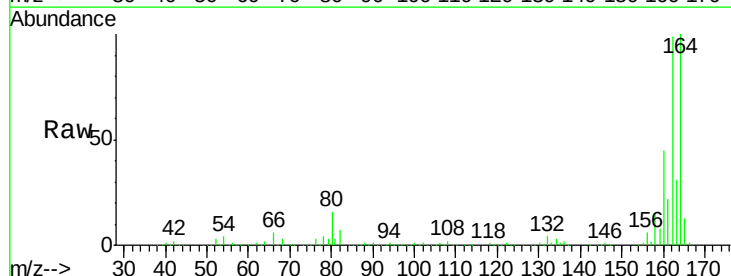
Instrument :
 BNA_F
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 RICHMOND-REC-SELECT-FILL

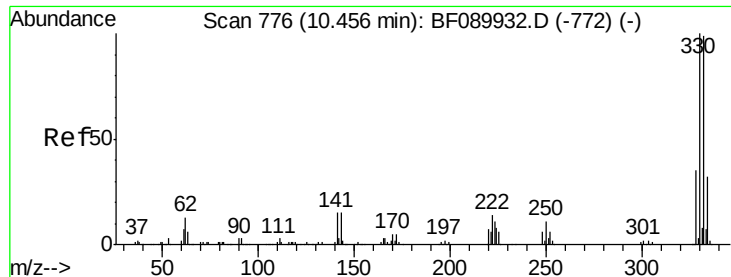
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	37.8	56.8
54	61.1	46.9	70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089951.D
 Acq: 31 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	77.1	115.7
160	44.8	35.3	52.9

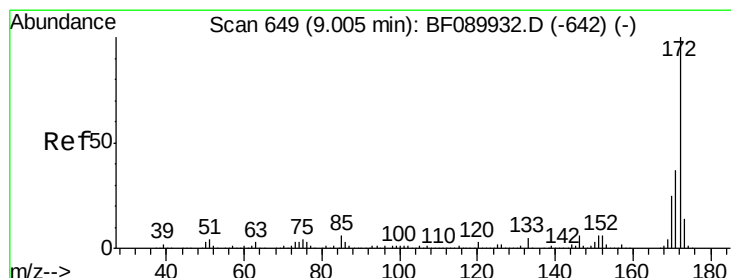
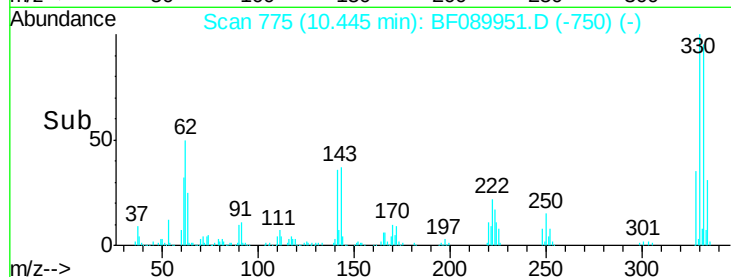
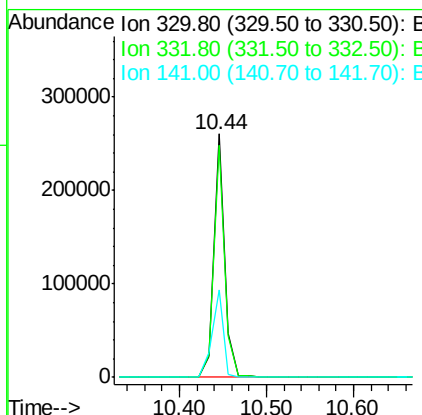
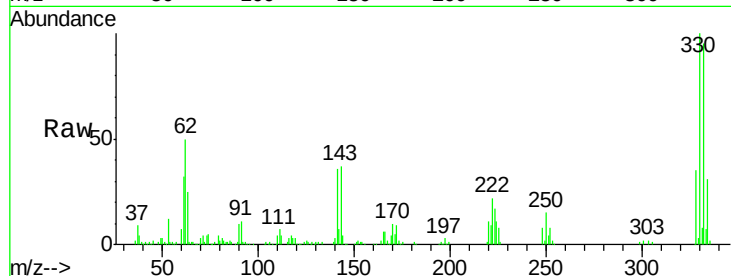




#41
 2,4,6-Tribromophenol
 Concen: 53.61 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089951.D
 Acq: 31 Aug 2016 15:36

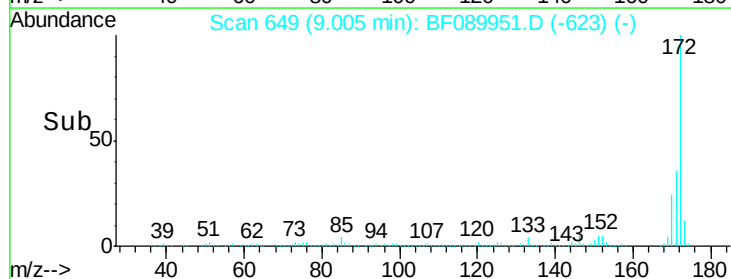
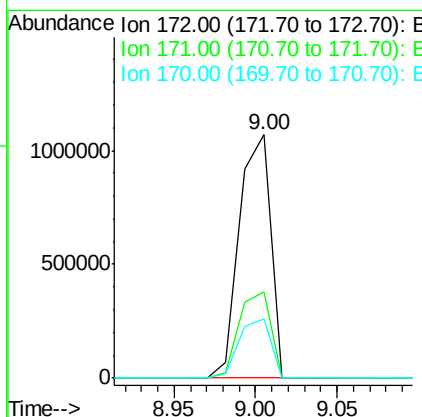
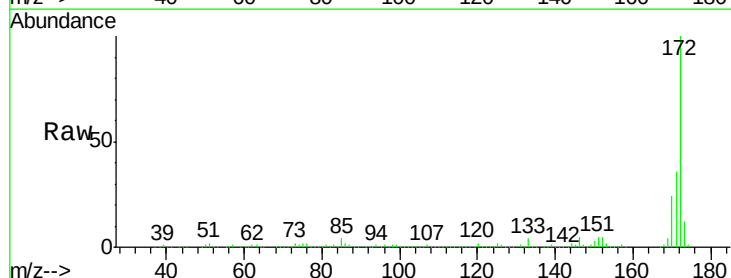
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-REC-SELECT-FILL

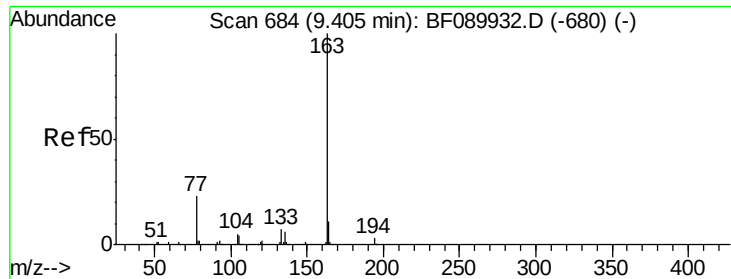
Tgt Ion: 330 Resp: 231279
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.6 117.8
 141 37.1 23.3 34.9#



#44
 2-Fluorobiphenyl
 Concen: 53.28 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089951.D
 Acq: 31 Aug 2016 15:36

Tgt Ion: 172 Resp: 1419414
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.2
 170 24.4 20.1 30.1

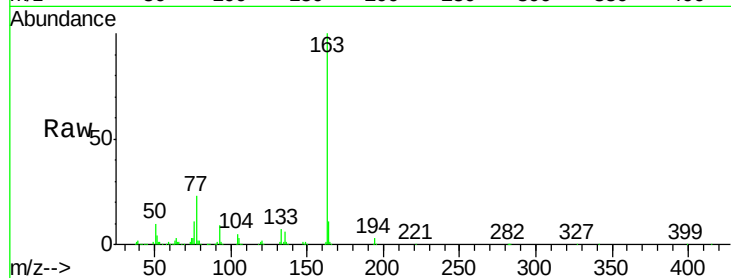




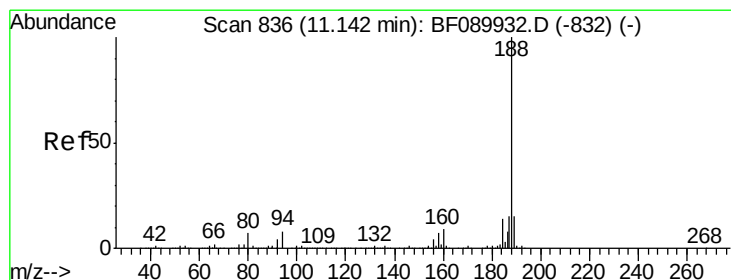
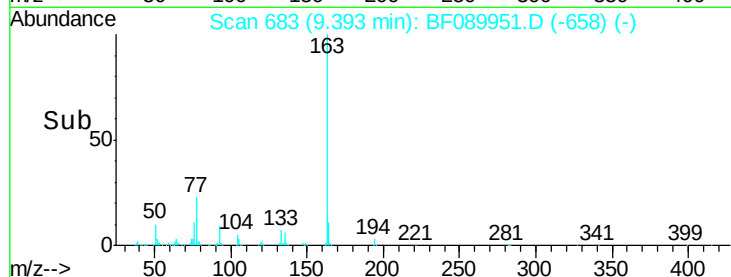
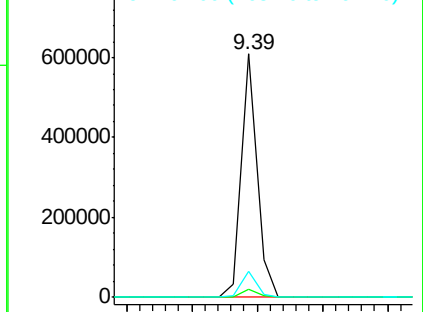
#49
Dimethylphthalate
Concen: 16.04 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089951.D
Acq: 31 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
RICHMOND-REC-SELECT-FILL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.9	9.0	13.4

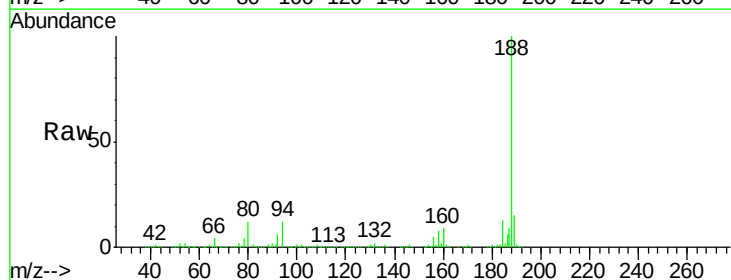


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

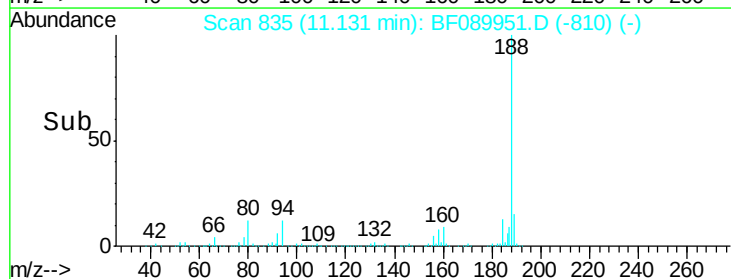
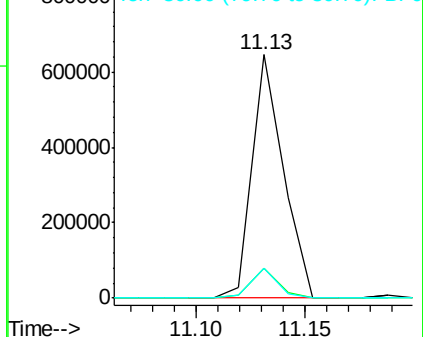


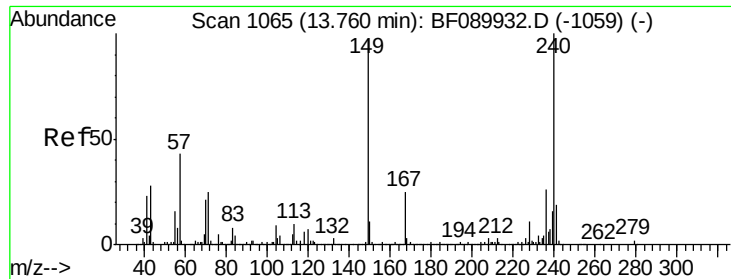
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089951.D
Acq: 31 Aug 2016 15:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.9	8.9#
80	12.3	5.8	8.8#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089951.D

Acq: 31 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

RICHMOND-REC-SELECT-FILL

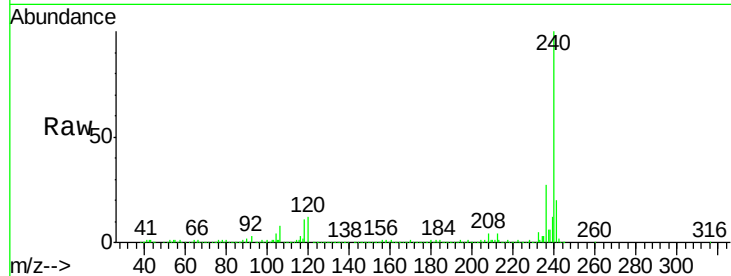
Tgt Ion:240 Resp: 593482

Ion Ratio Lower Upper

240 100

120 12.4 5.7 8.5#

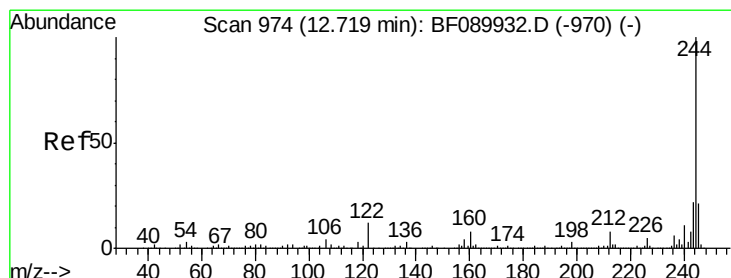
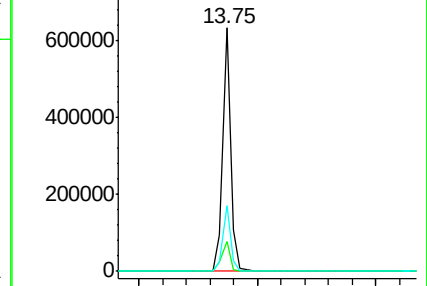
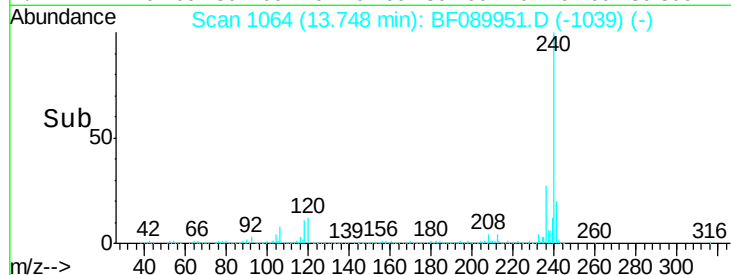
236 27.2 21.3 31.9



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: 41.99 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089951.D

Acq: 31 Aug 2016 15:36

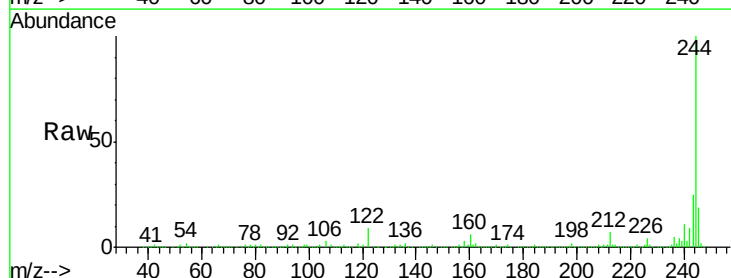
Tgt Ion:244 Resp: 1008908

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

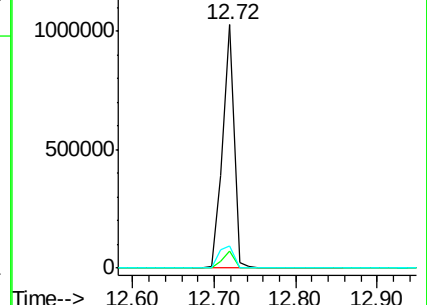
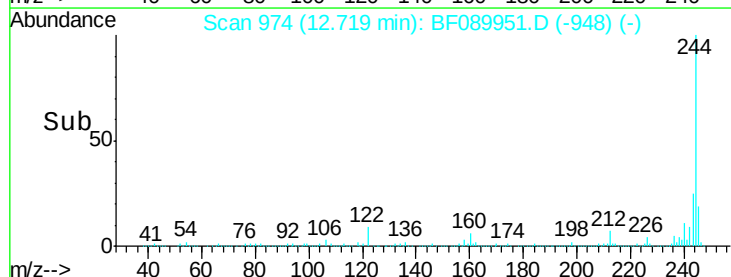
122 8.9 9.6 14.4#

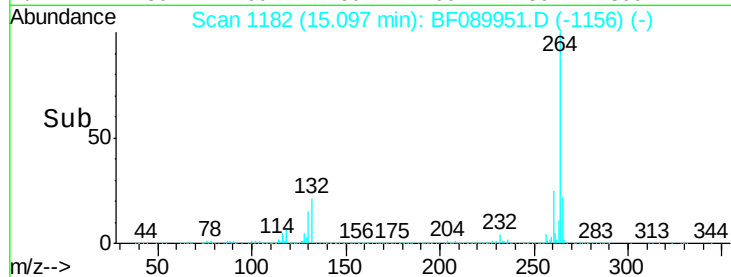
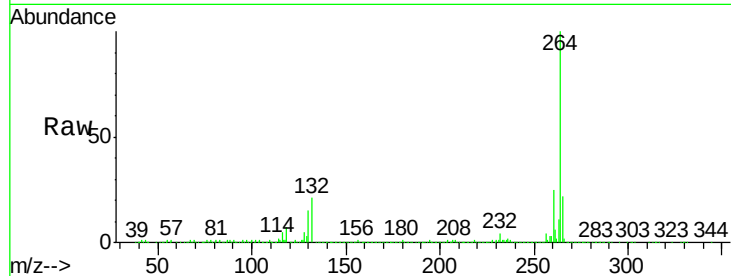
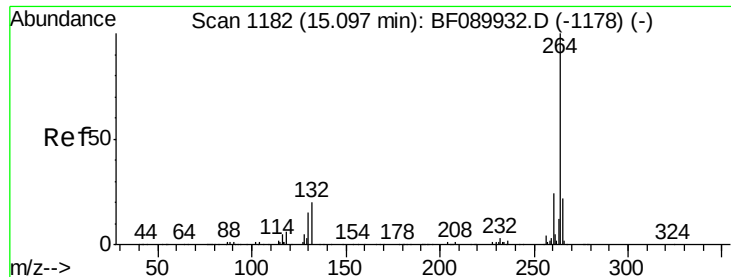


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089951.D
Acq: 31 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
RICHMOND-REC-SELECT-FILL

Tgt Ion:	264	Resp:	617127
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.0	17.4	26.2

