

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088624.D
 Acq On : 2 Jul 2016 18:37
 Operator : UM/SJ
 Sample : H3847-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B4(0-11)C

Quant Time: Jul 03 03:52:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

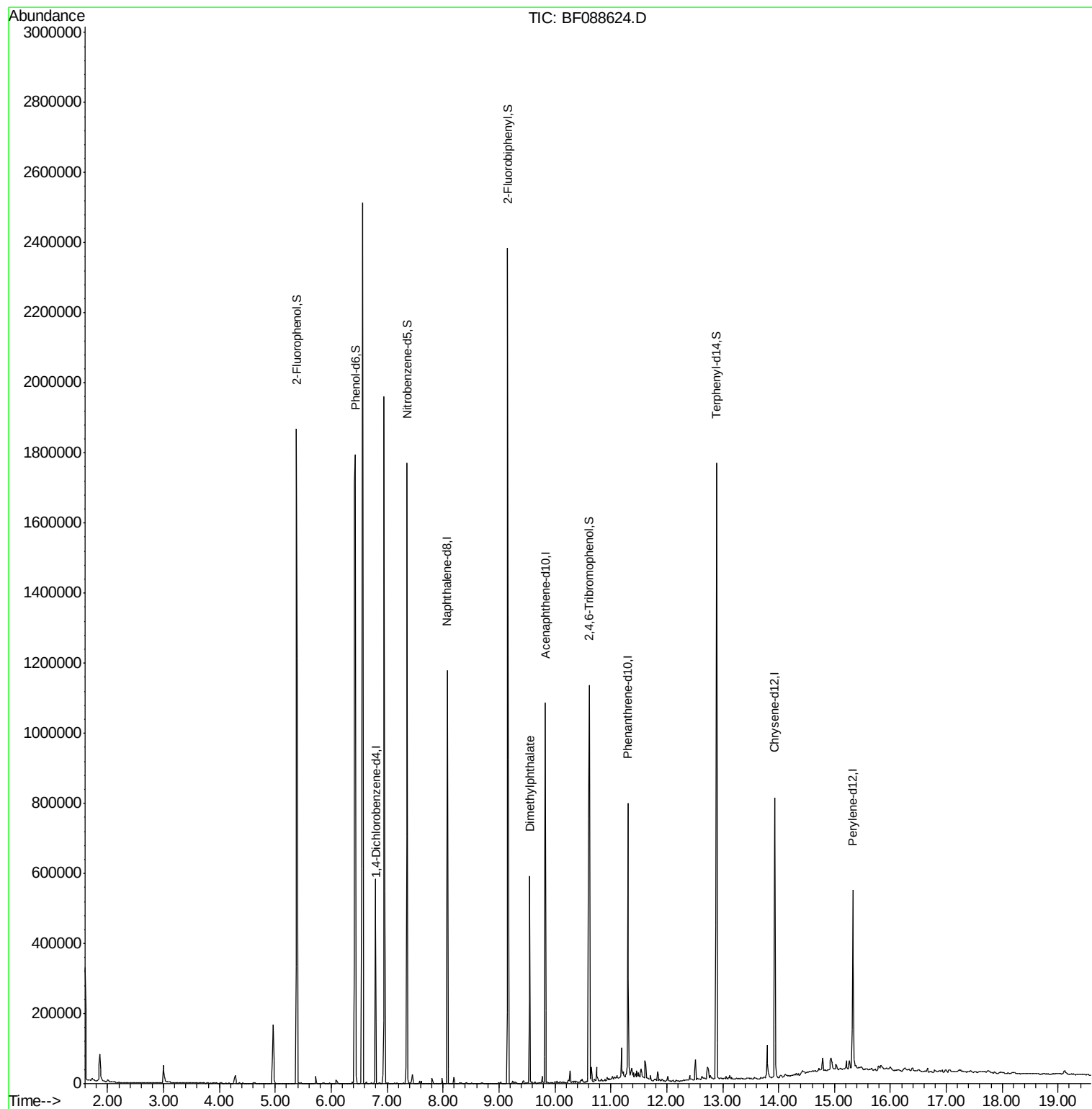
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117755	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	472046	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192782	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	288704	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	232212	20.00	ng	-0.02
86) Perylene-d12	15.33	264	230518	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	702763	89.44	ng	-0.02
7) Phenol-d6	6.43	99	998165	98.32	ng	-0.01
23) Nitrobenzene-d5	7.36	82	618705	68.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	164290	91.77	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	808990	66.29	ng	-0.02
78) Terphenyl-d14	12.89	244	497865	47.75	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.55	163	266320	19.39	ng	Qvalue 98

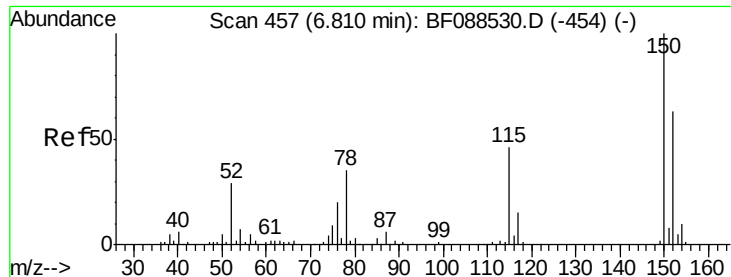
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Instrument :

BNA_F

ClientSampleId :

S4-B4(0-11)C

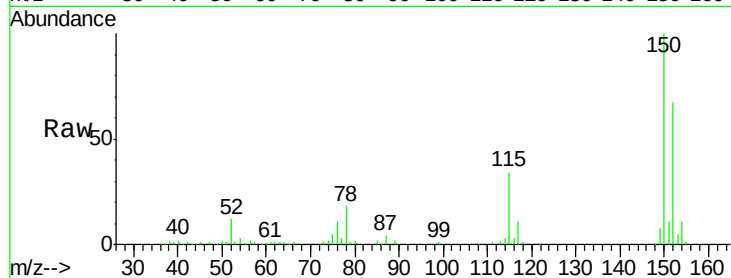
Tgt Ion:152 Resp: 117755

Ion Ratio Lower Upper

152 100

150 148.5 123.8 185.6

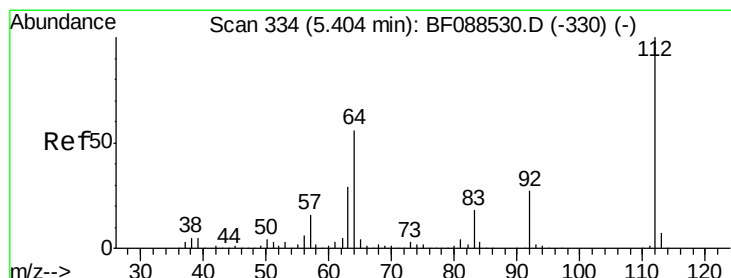
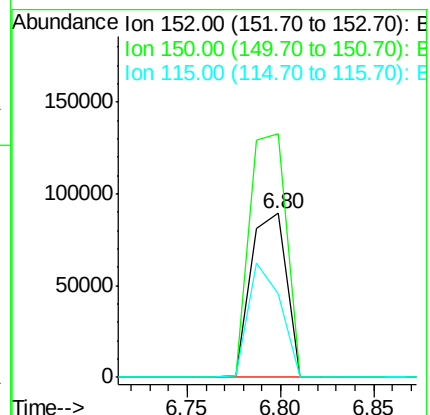
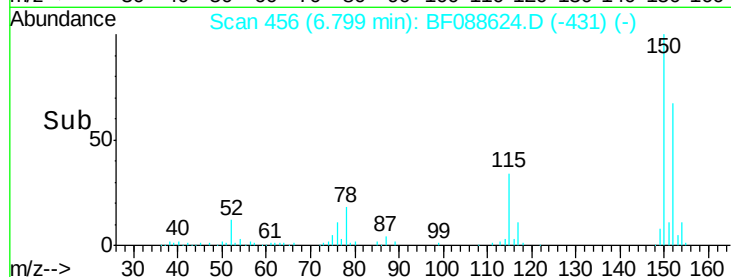
115 50.9 39.6 59.4



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: 89.44 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

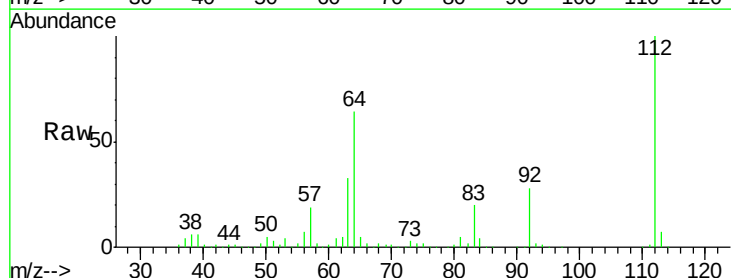
Tgt Ion:112 Resp: 702763

Ion Ratio Lower Upper

112 100

64 63.9 42.2 63.2#

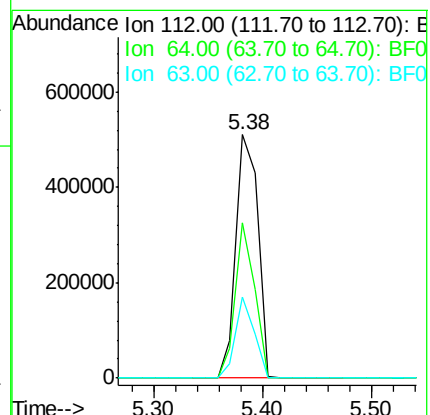
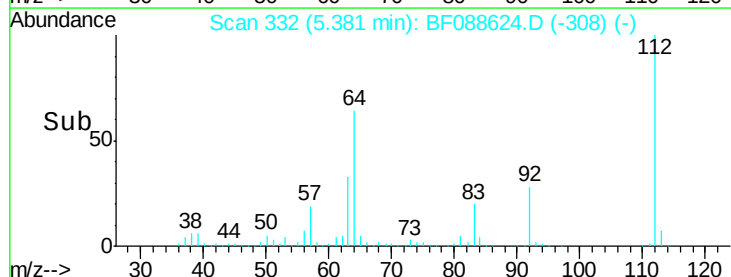
63 33.3 21.8 32.8#

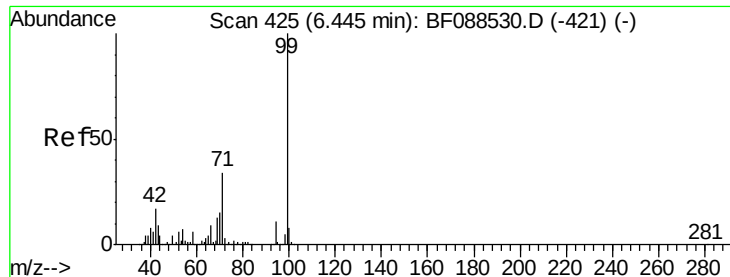


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.32 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Instrument :

BNA_F

ClientSampleId :

S4-B4(0-11)C

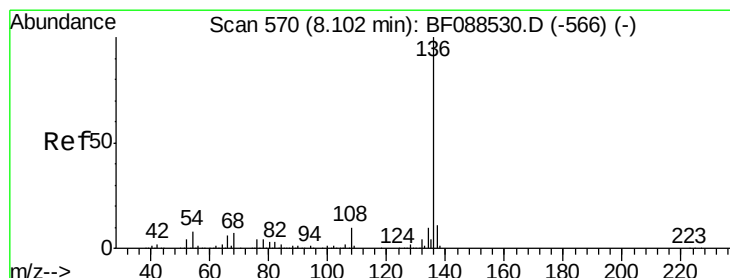
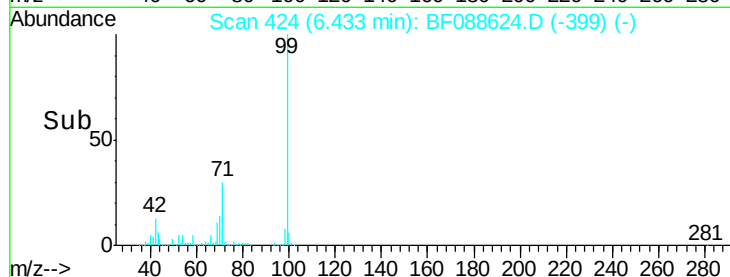
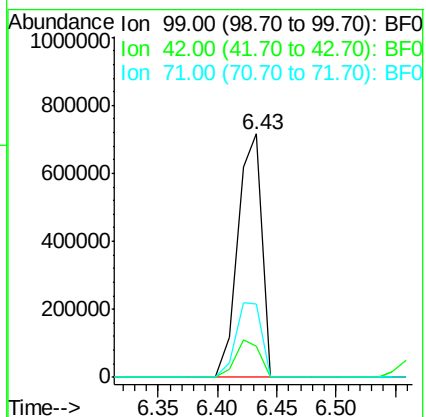
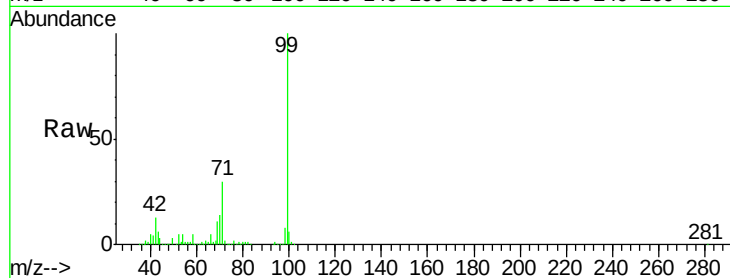
Tgt Ion: 99 Resp: 998165

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

71 30.4 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Tgt Ion: 136 Resp: 472046

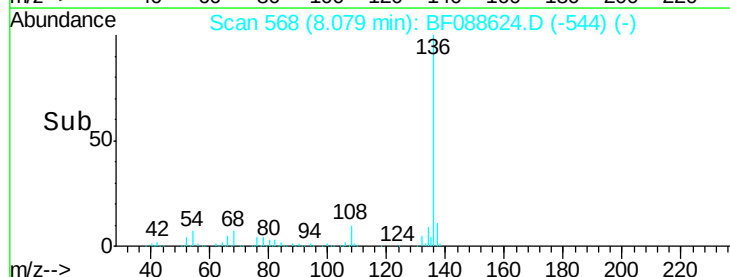
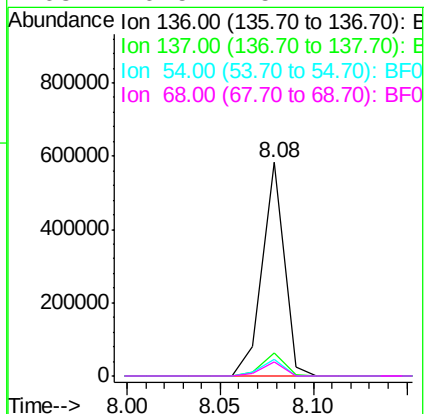
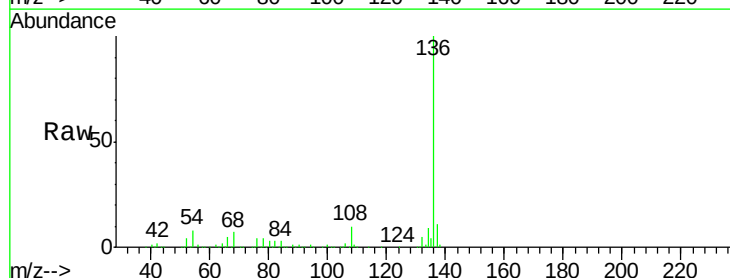
Ion Ratio Lower Upper

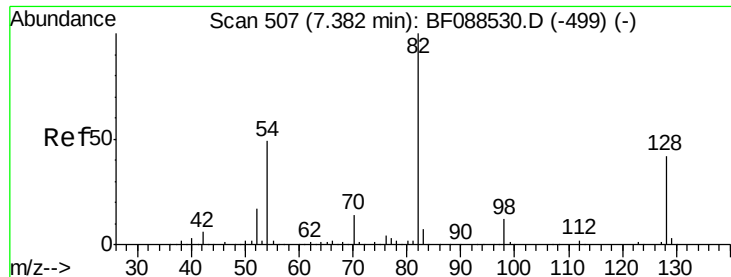
136 100

137 10.9 9.1 13.7

54 7.5 6.6 10.0

68 6.5 5.1 7.7

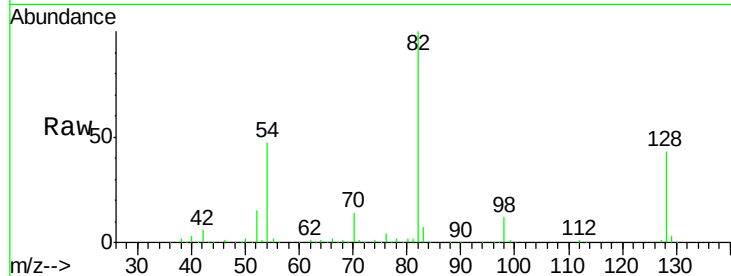




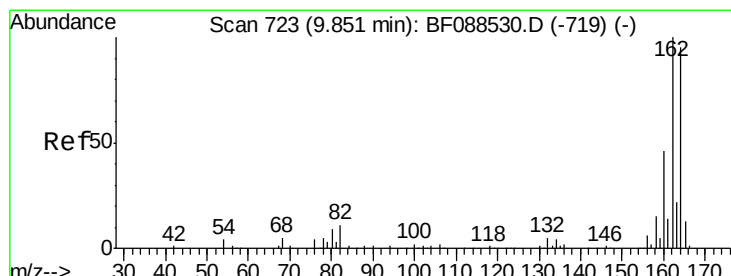
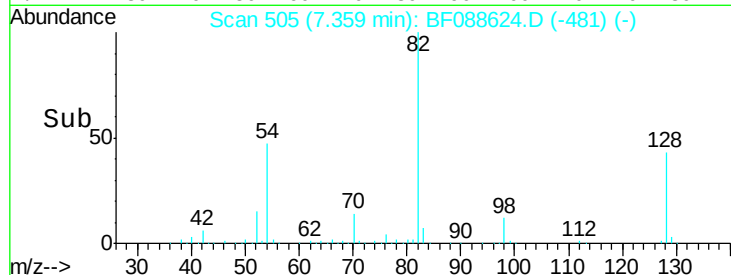
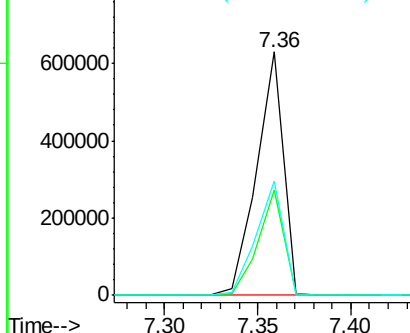
#23
 Nitrobenzene-d5
 Concen: 68.69 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 S4-B4(0-11)C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.9	53.9
54	46.9	40.9	61.3

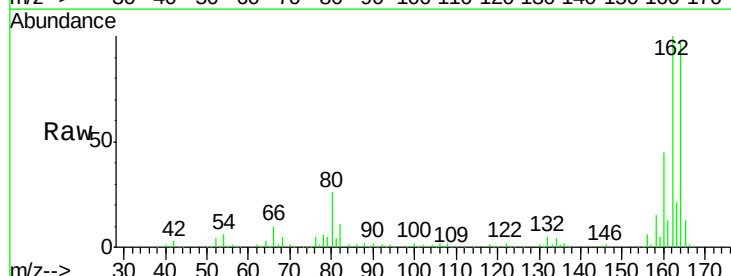


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

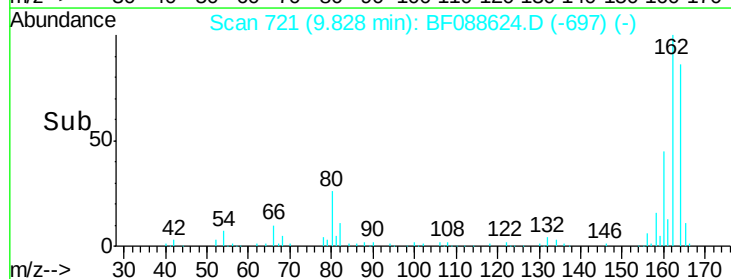
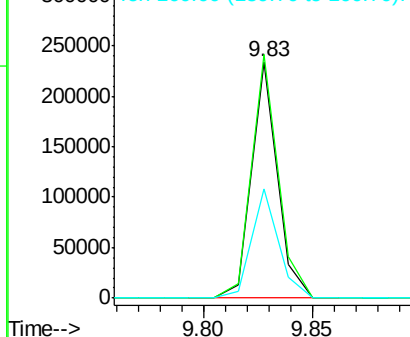


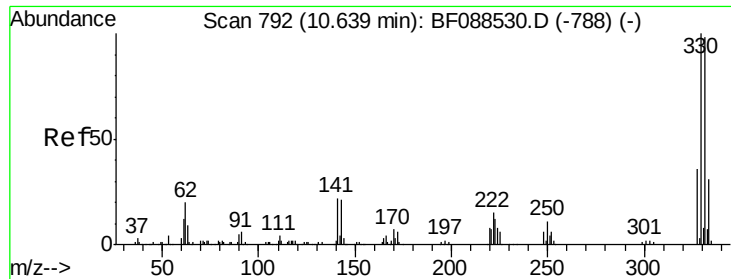
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.4	128.2
160	46.2	39.5	59.3



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

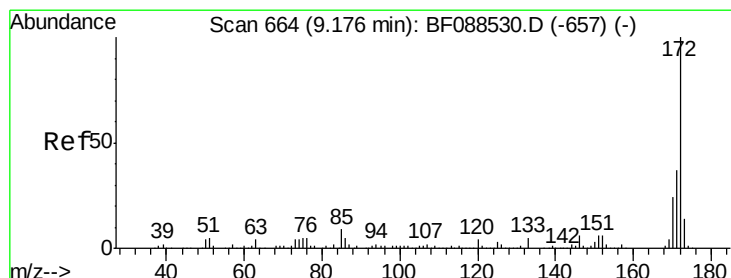
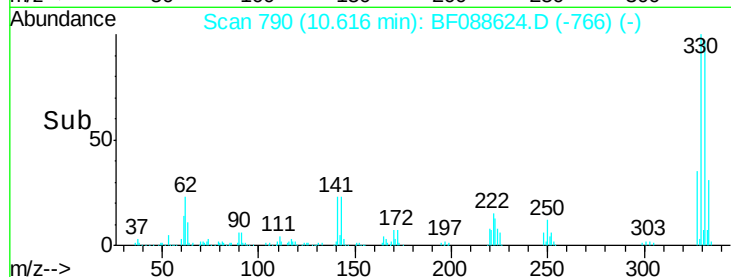
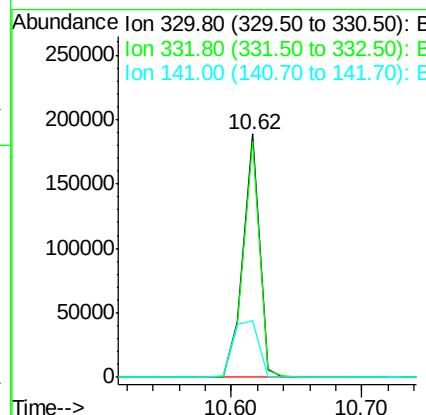
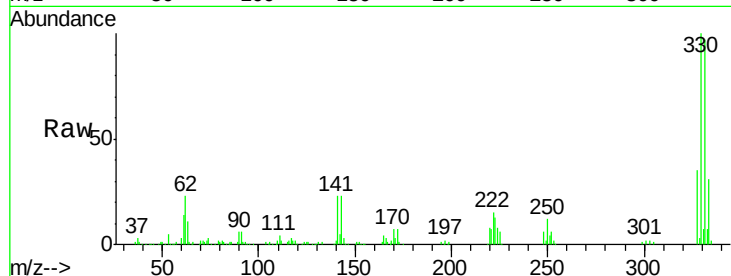




#41
 2,4,6-Tribromophenol
 Concen: 91.77 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

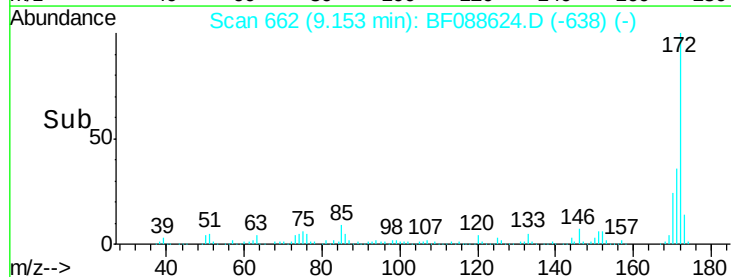
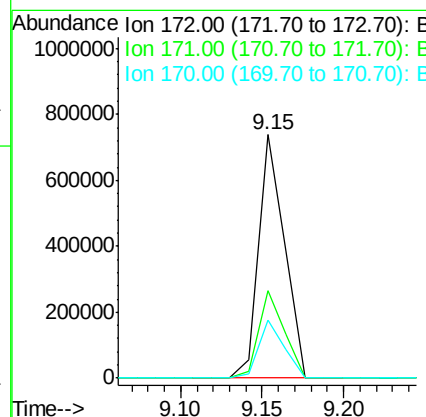
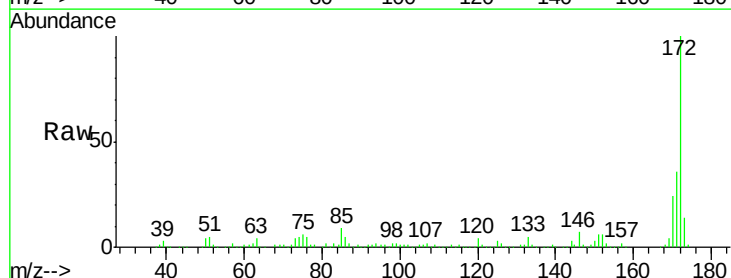
Instrument :
 BNA_F
 ClientSampleId :
 S4-B4(0-11)C

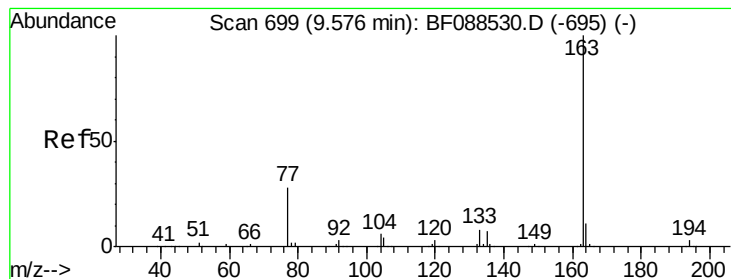
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	36.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 66.29 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088624.D
 Acq: 2 Jul 2016 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.8	19.2	28.8





#49

Dimethylphthalate

Concen: 19.39 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

Instrument :

BNA_F

ClientSampleId :

S4-B4(0-11)C

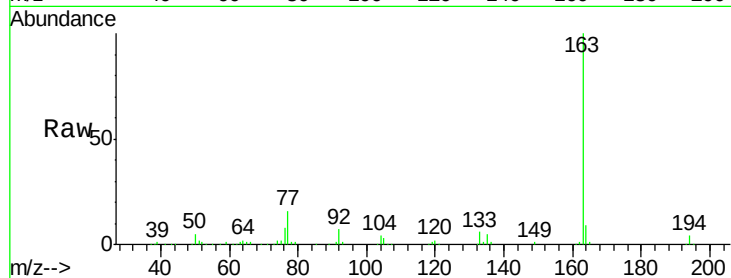
Tgt Ion:163 Resp: 266320

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

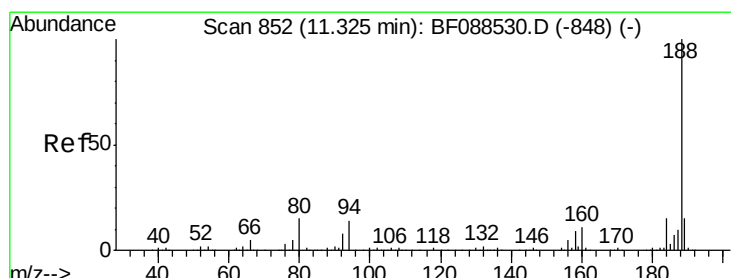
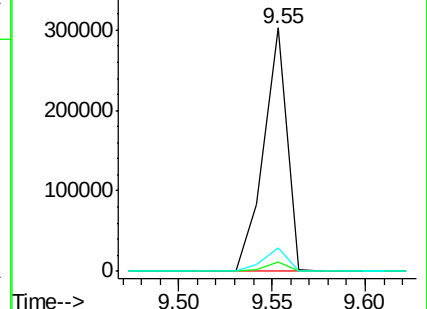
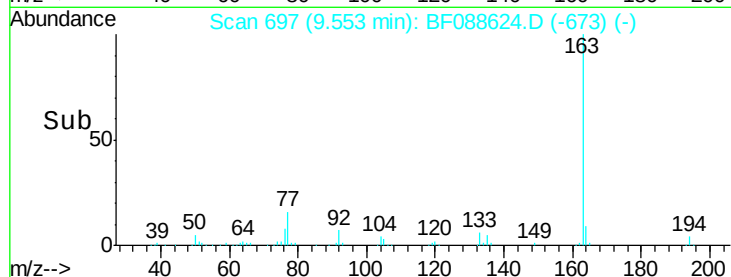
164 9.5 8.3 12.5



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: 11.30 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF088624.D

Acq: 2 Jul 2016 18:37

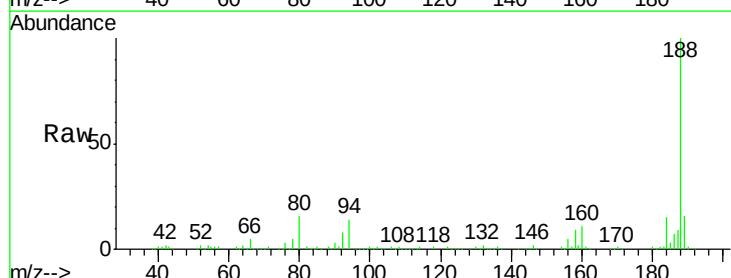
Tgt Ion:188 Resp: 288704

Ion Ratio Lower Upper

188 100

94 13.7 9.0 13.6#

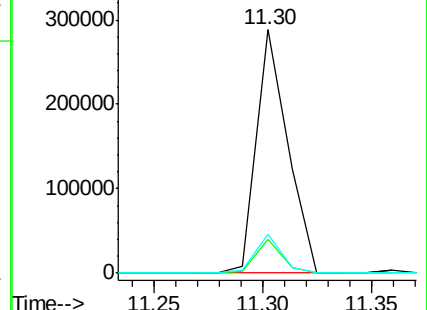
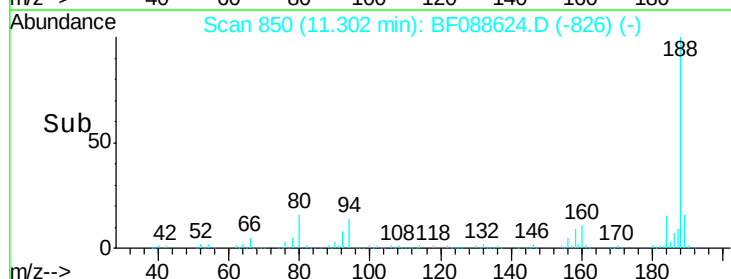
80 16.0 10.0 15.0#

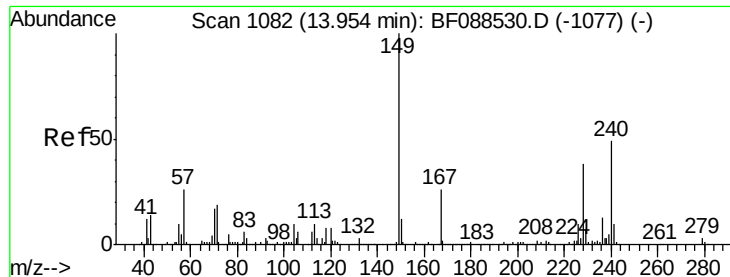


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

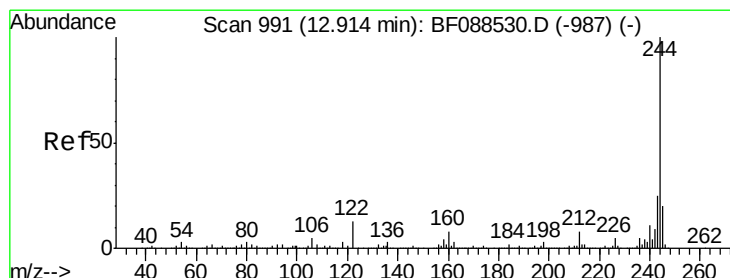
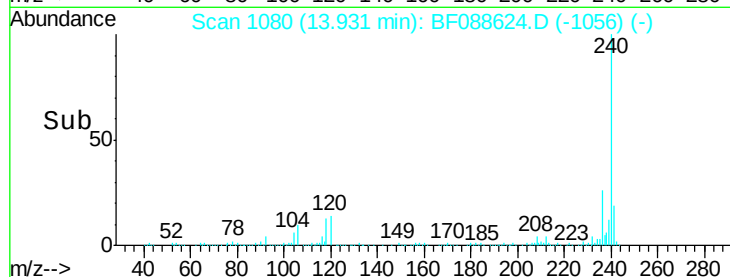
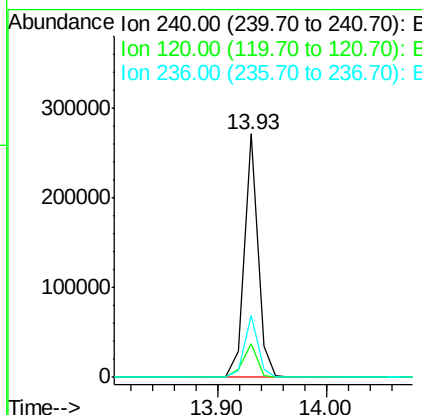
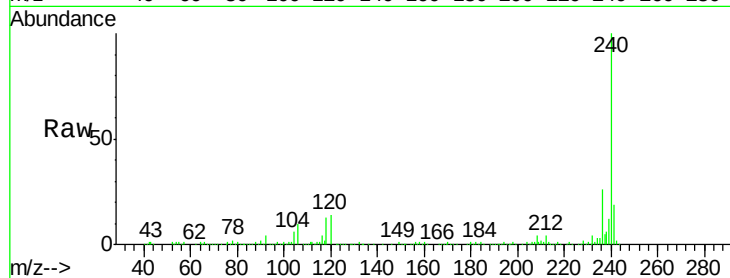




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

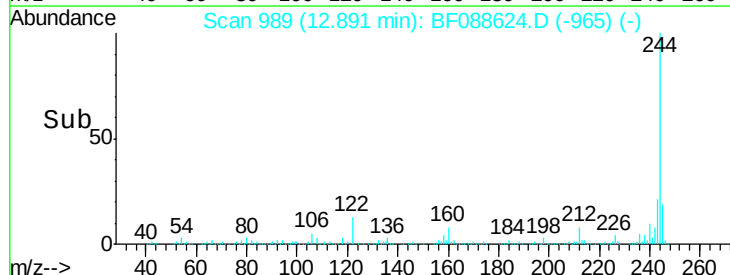
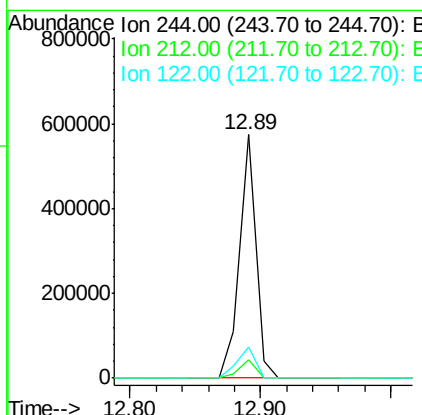
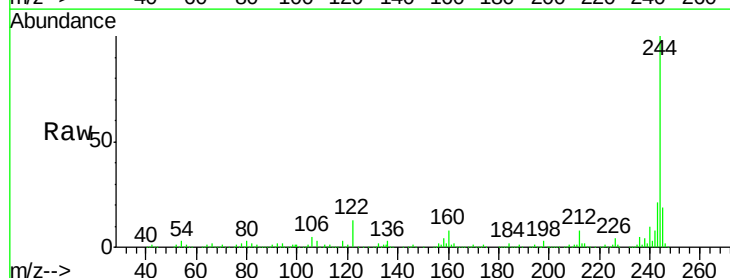
Instrument :
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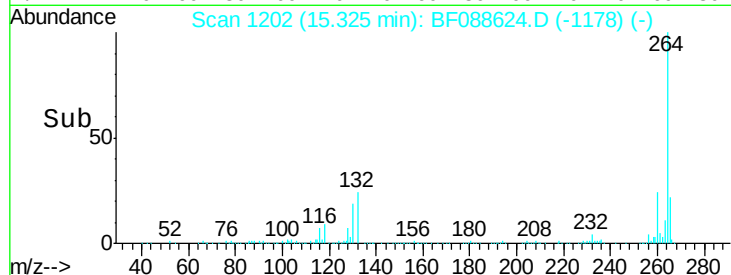
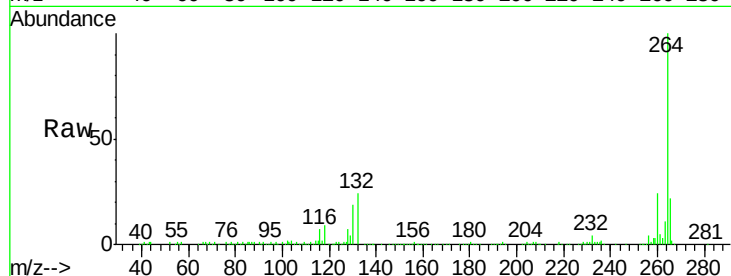
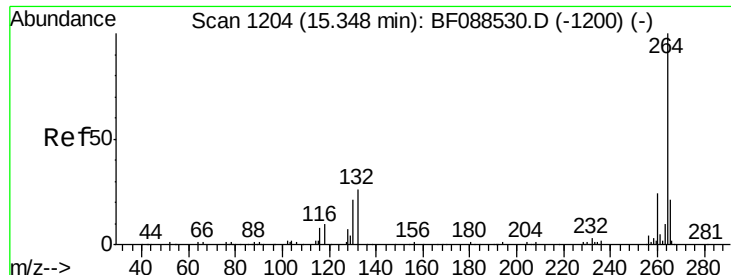
Tgt Ion:240 Resp: 232212
Ion Ratio Lower Upper
240 100
120 13.7 6.8 10.2#
236 25.5 20.2 30.2



#78
Terphenyl-d14
Concen: 47.75 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

Tgt Ion:244 Resp: 497865
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 13.0 11.2 16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF088624.D
Acq: 2 Jul 2016 18:37

Instrument :
BNA_F
ClientSampleId :
S4-B4(0-11)C

Tgt Ion:	264	Resp:	230518
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3

