

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088862.D
 Acq On : 9 Jul 2016 9:29
 Operator : UM/SJ
 Sample : H3909-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-15A-9-11

Quant Time: Jul 11 01:06:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	85794	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	332233	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	166612	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	294070	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	186978	20.00	ng	-0.01
86) Perylene-d12	15.23	264	176192	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	247148	43.17	ng	-0.01
7) Phenol-d6	6.36	99	255522	34.54	ng	-0.01
23) Nitrobenzene-d5	7.29	82	438547	69.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	143558	92.79	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	895031	84.85	ng	0.00
78) Terphenyl-d14	12.82	244	628995	74.93	ng	0.00

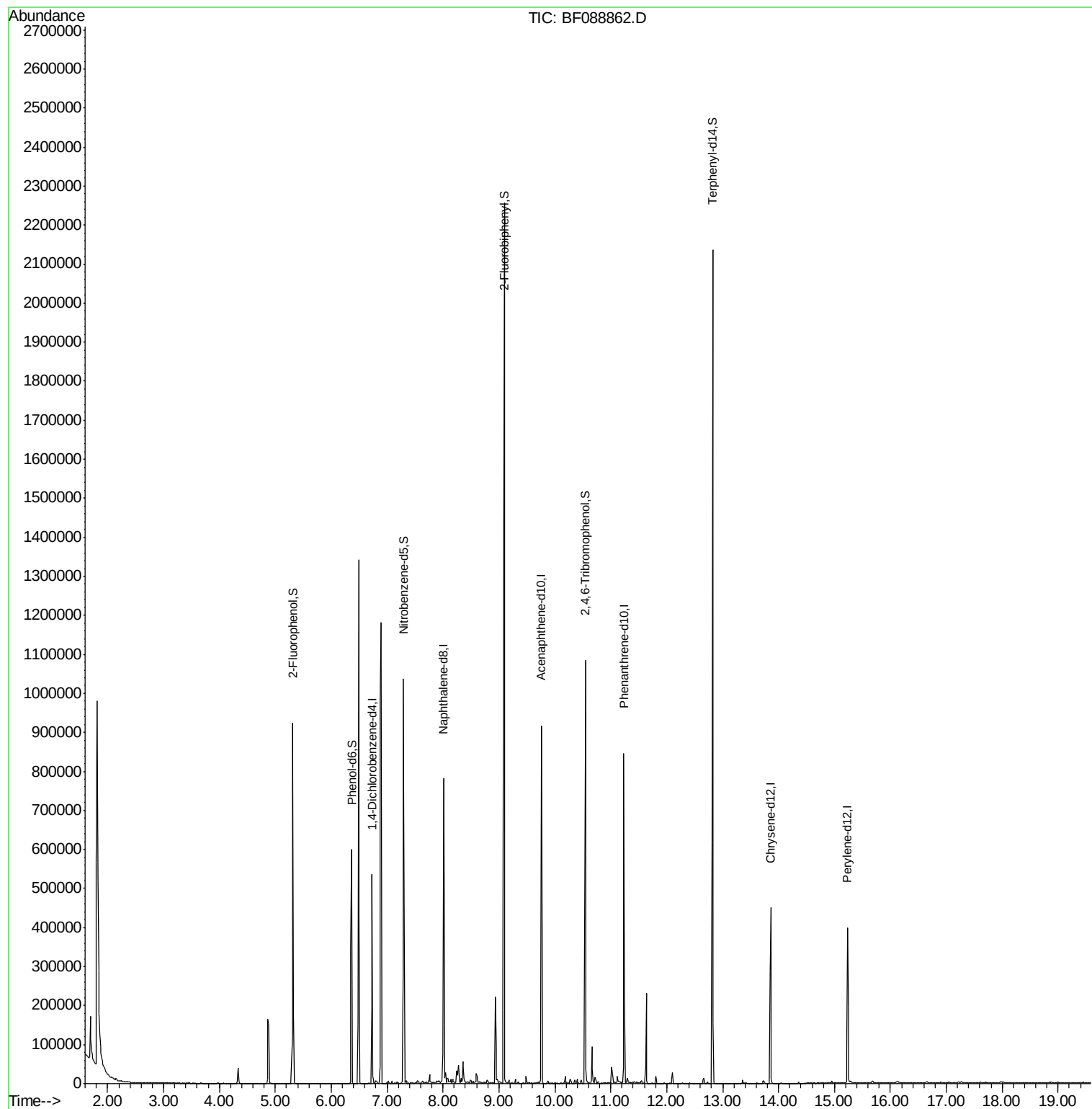
Target Compounds Qvalue

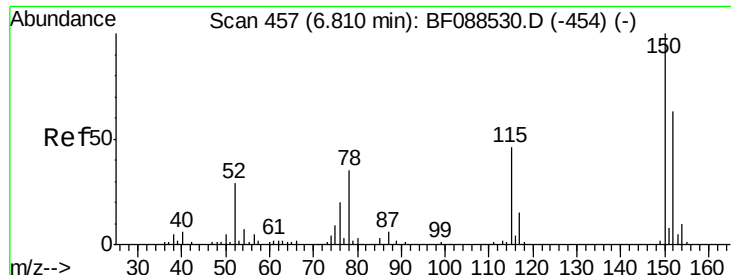
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088862.D

Acq: 9 Jul 2016 9:29

Instrument :

BNA_F

ClientSampleId :

LOCATION-15A-9-11

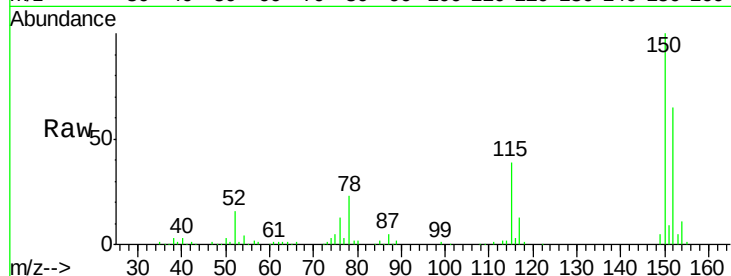
Tot Ion:152 Resp: 85794

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

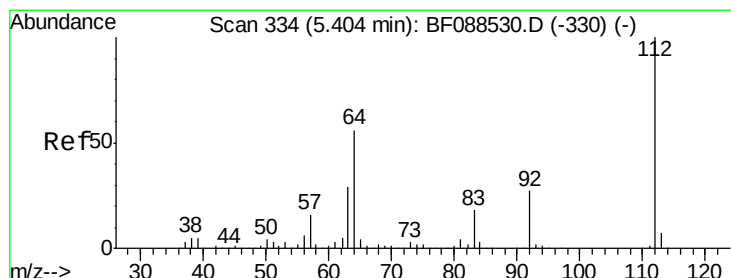
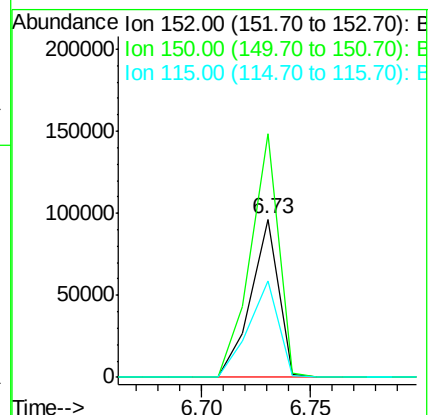
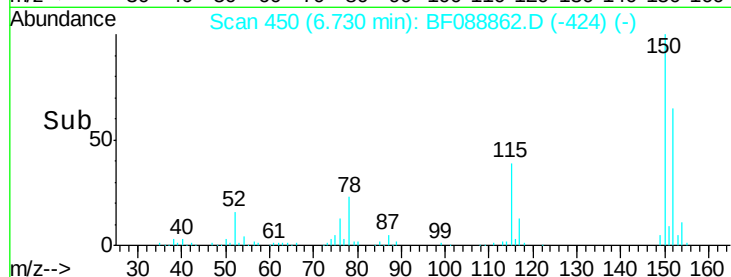
115 60.5 39.6 59.4#



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: 43.17 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088862.D

Acq: 9 Jul 2016 9:29

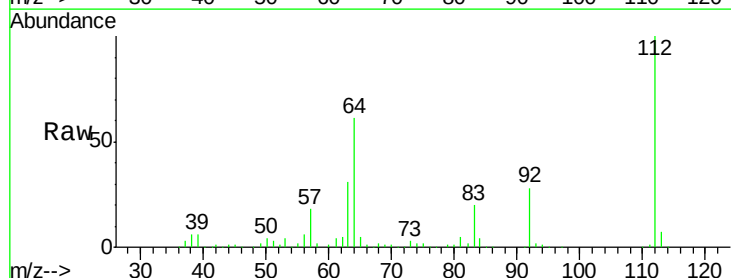
Tgt Ion:112 Resp: 247148

Ion Ratio Lower Upper

112 100

64 60.9 42.2 63.2

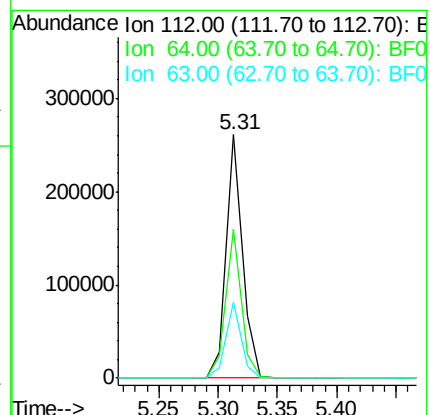
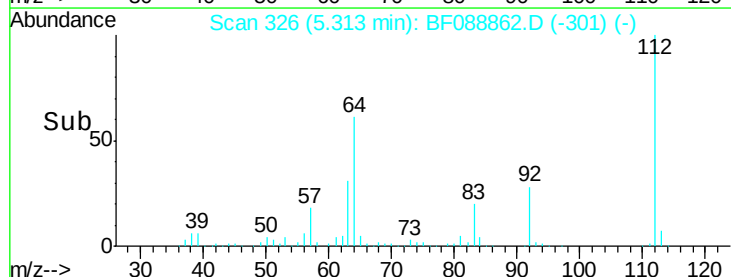
63 31.5 21.8 32.8

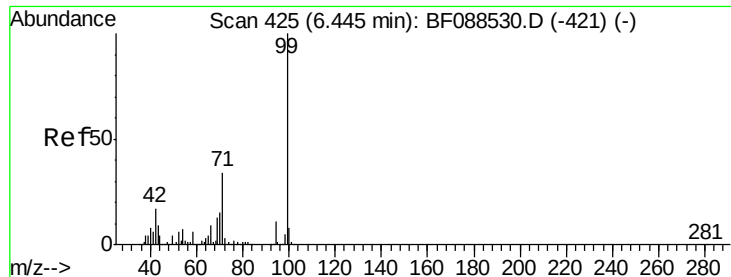


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.54 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088862.D

Acq: 9 Jul 2016 9:29

Instrument :

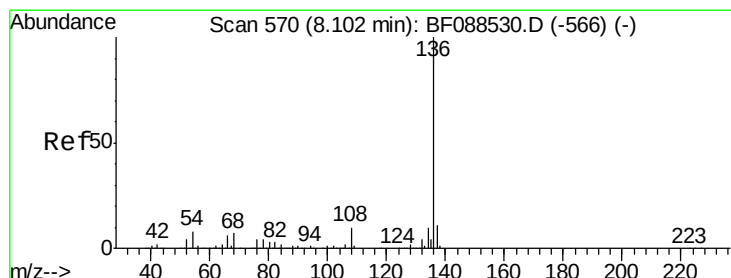
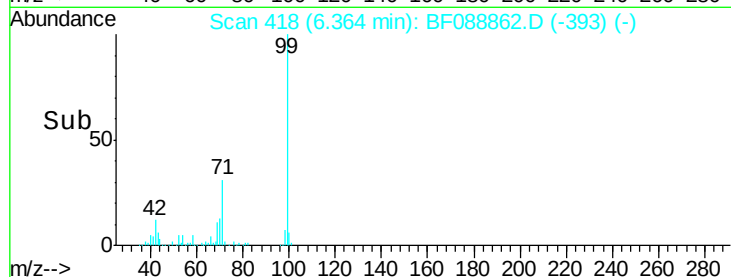
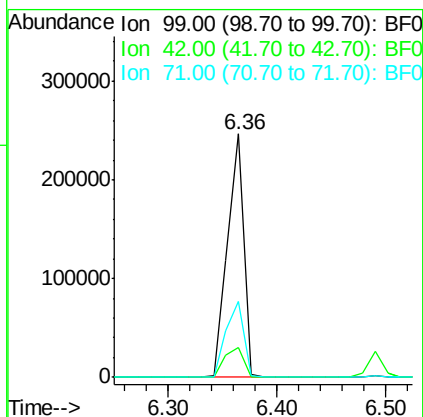
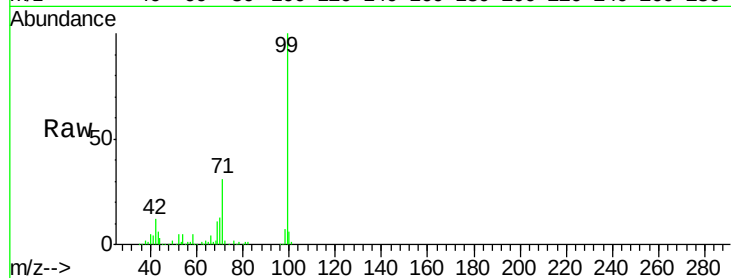
BNA_F

ClientSampleId :

LOCATION-15A-9-11

Tot Ion: 99 Resp: 255522

Ion	Ratio	Lower	Upper
99	100		
42	12.2	12.2	18.2#
71	31.1	23.4	35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

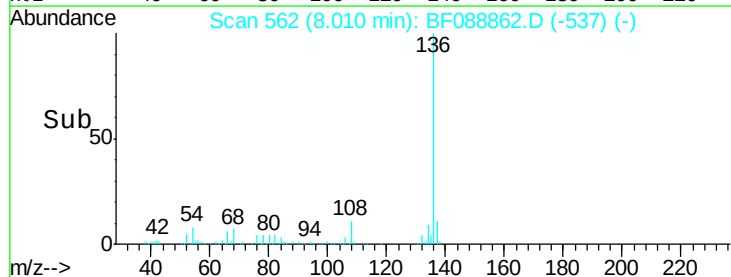
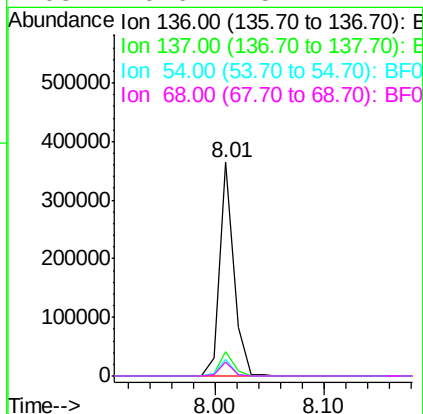
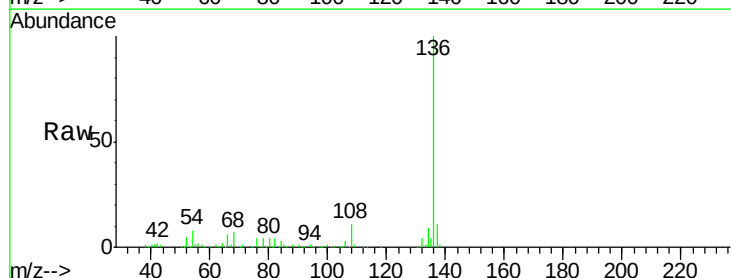
Delta R.T. -0.01 min

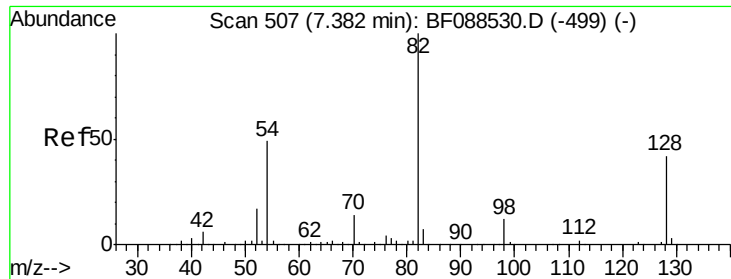
Lab File: BF088862.D

Acq: 9 Jul 2016 9:29

Tgt Ion: 136 Resp: 332233

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.1	6.6	10.0
68	6.6	5.1	7.7

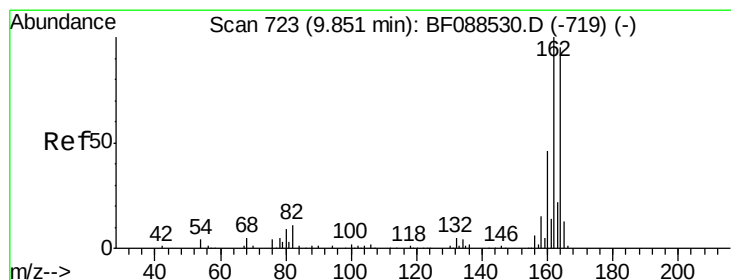
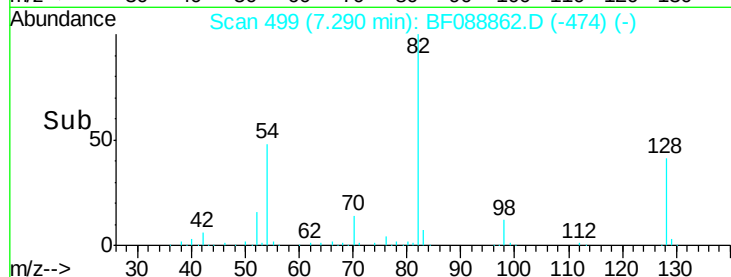
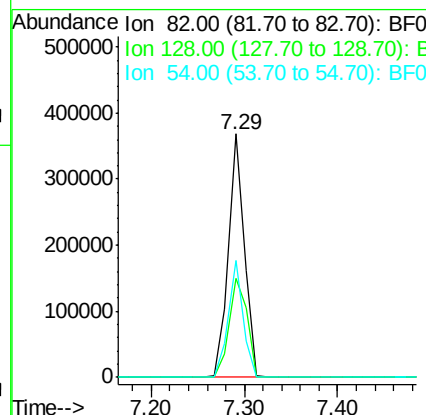
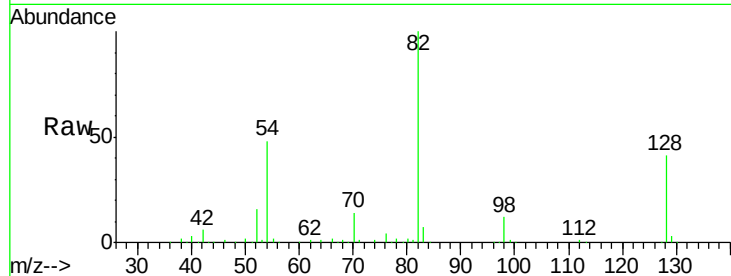




#23
 Nitrobenzene-d5
 Concen: 69.17 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088862.D
 Acq: 9 Jul 2016 9:29

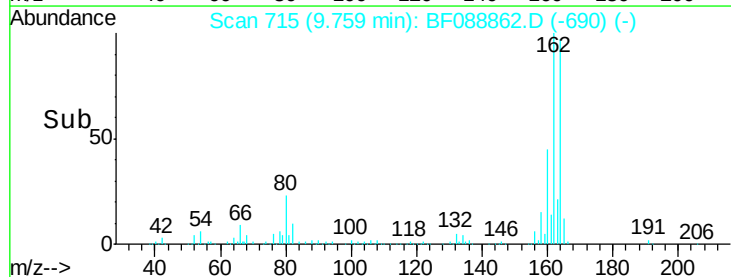
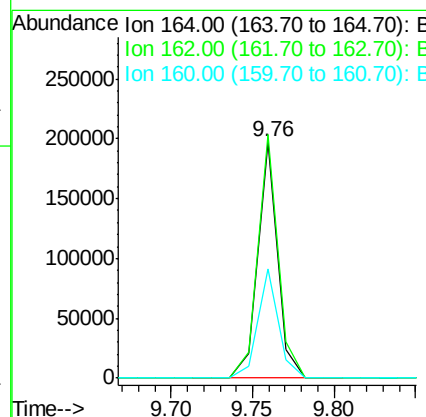
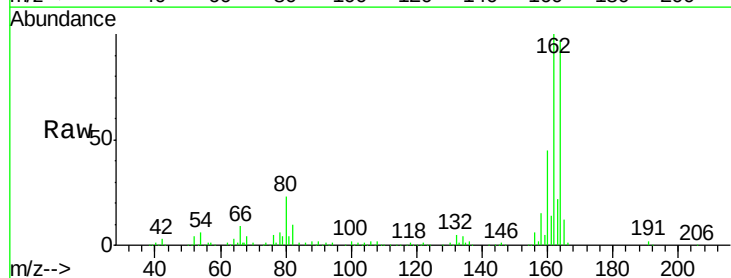
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-15A-9-11

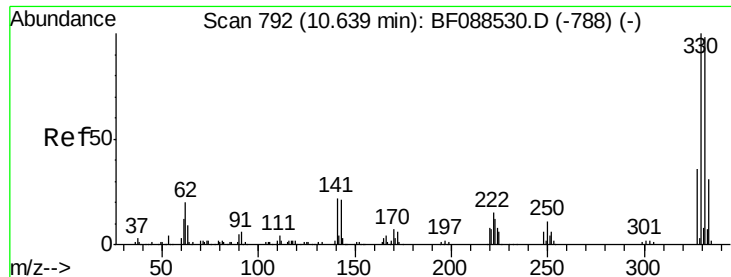
Tot Ion	82	Resp	438547
Ion Ratio	100	Lower	Upper
128	40.5	35.9	53.9
54	48.0	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088862.D
 Acq: 9 Jul 2016 9:29

Tgt Ion	164	Resp	166612
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.1	85.4	128.2
160	46.3	39.5	59.3

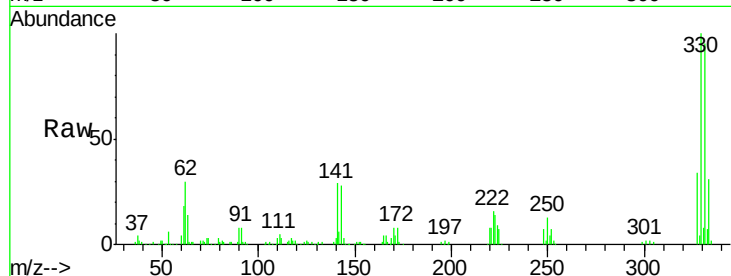




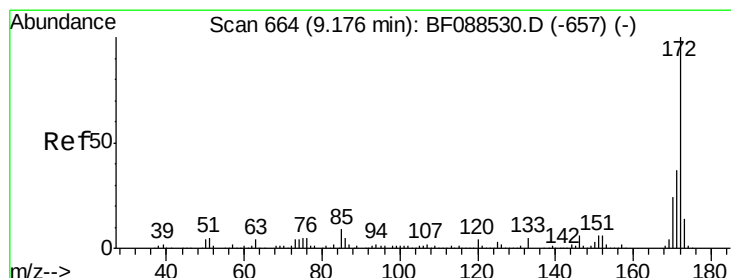
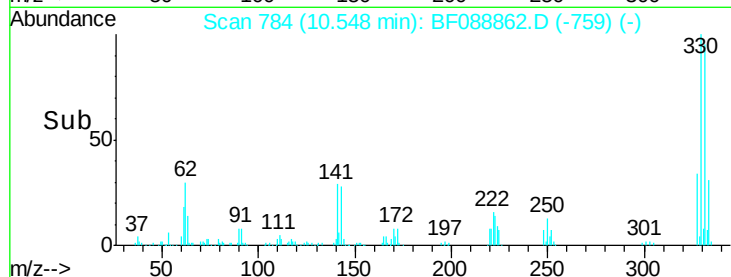
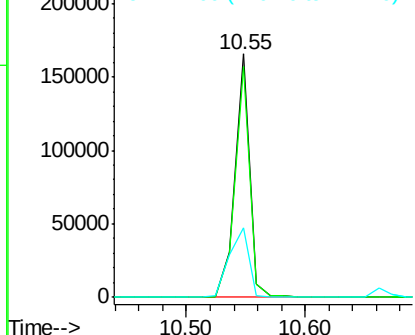
#41
 2,4,6-Tribromophenol
 Concen: 92.79 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088862.D
 Acq: 9 Jul 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-15A-9-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	38.2	0.0	0.0#

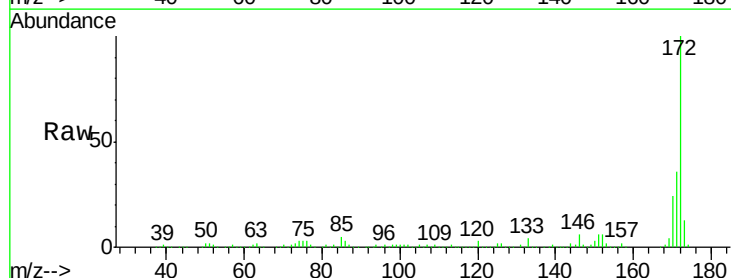


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

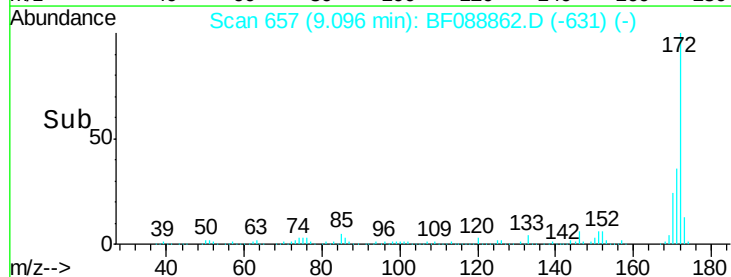
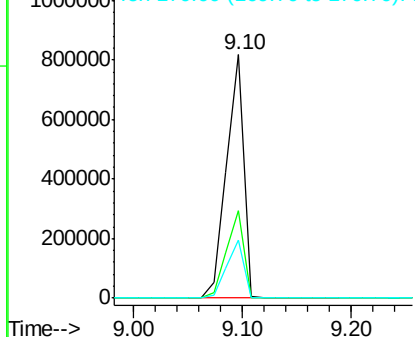


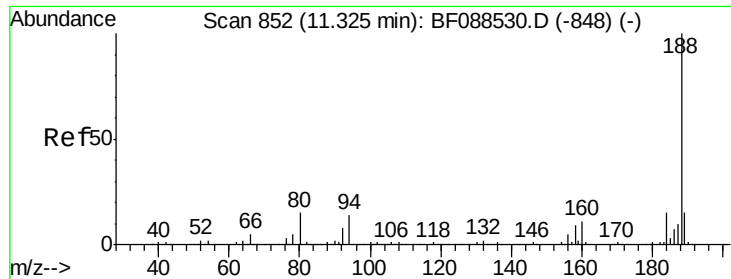
#44
 2-Fluorobiphenyl
 Concen: 84.85 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088862.D
 Acq: 9 Jul 2016 9:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.2	28.8



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

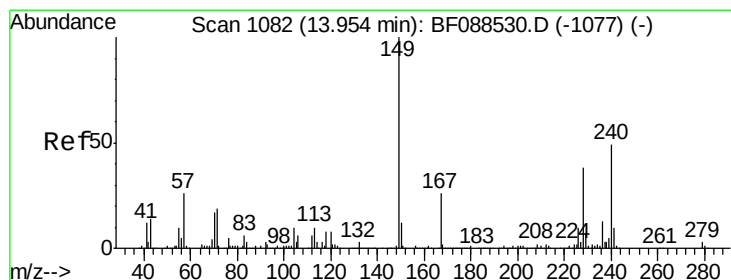
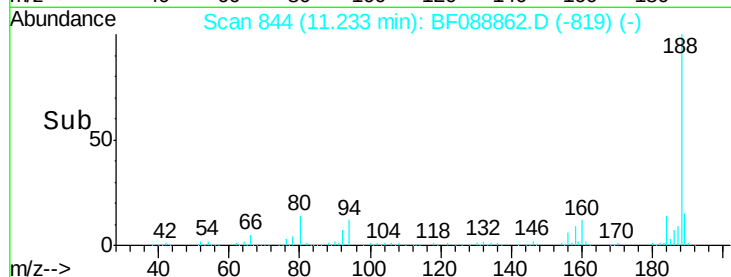
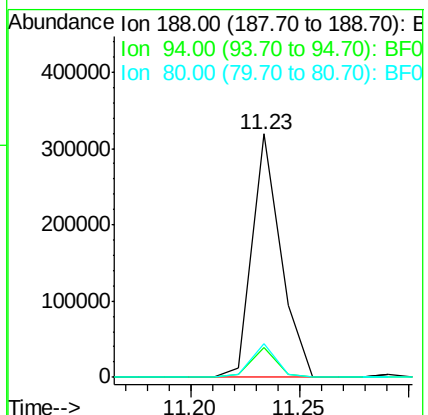
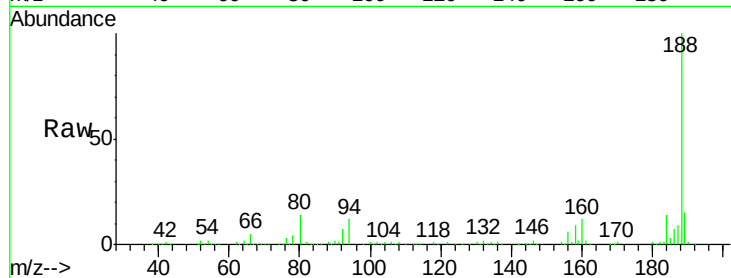




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088862.D
Acq: 9 Jul 2016 9:29

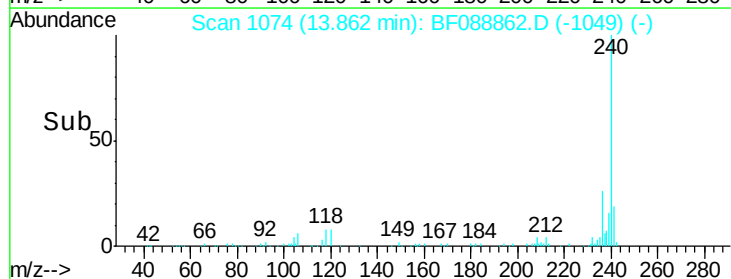
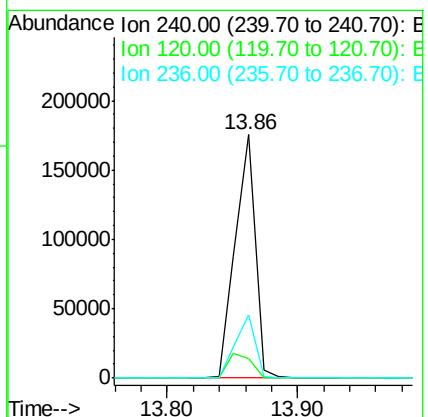
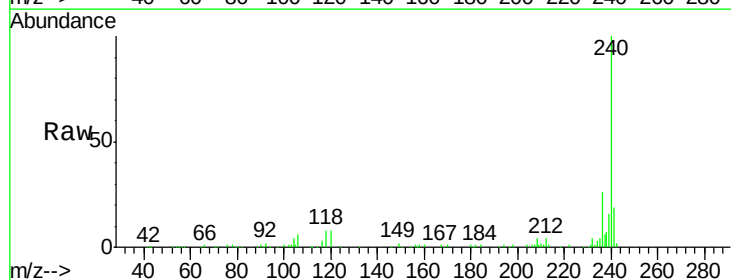
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BNA_F
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LOCATION-15A-9-11

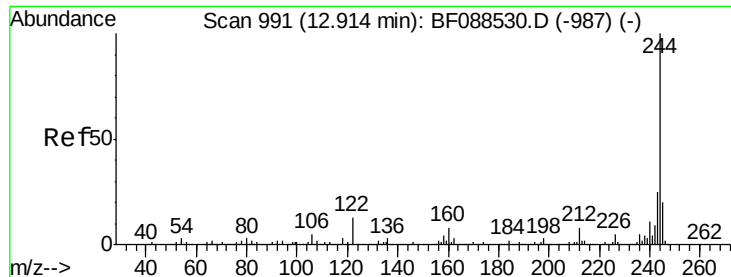
Tot Ion:188 Resp: 294070
Ion Ratio Lower Upper
188 100
94 12.1 9.0 13.6
80 13.9 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088862.D
Acq: 9 Jul 2016 9:29

Tgt Ion:240 Resp: 186978
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.1 20.2 30.2

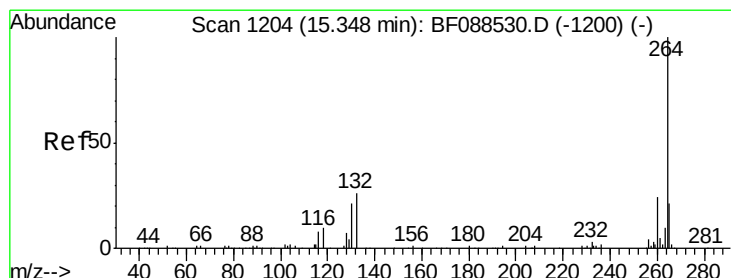
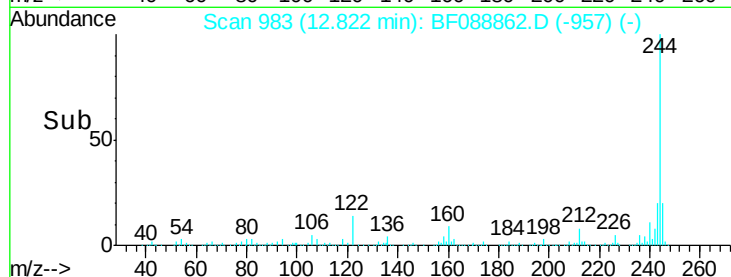
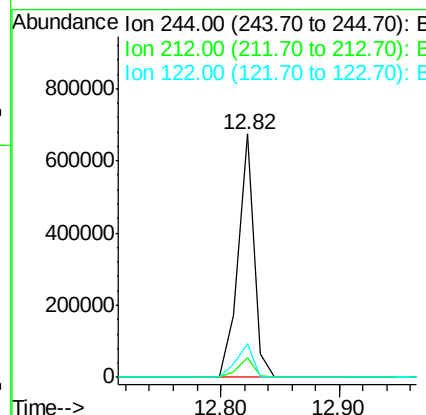
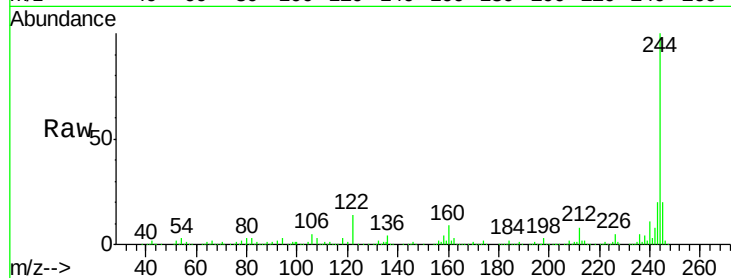




#78
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088862.D
 Acq: 9 Jul 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-15A-9-11

Tot Ion:244 Resp: 628995
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 13.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088862.D
 Acq: 9 Jul 2016 9:29

Tgt Ion:264 Resp: 176192
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 16.9 25.3

