

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084546.D
 Acq On : 19 Jan 2016 11:43
 Operator : SJ/UM
 Sample : PB87733BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BL

Quant Time: Jan 19 17:27:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 19 17:05:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	248871	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1048405	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	515061	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	941242	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	936402	20.00	ng	-0.01
86) Perylene-d12	15.36	264	725472	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1563826	101.64	ng	0.01
7) Phenol-d6	6.44	99	2235733	115.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	1197300	63.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	599038	115.20	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2435727	83.05	ng	0.00
78) Terphenyl-d14	12.91	244	2561144	61.05	ng	0.00

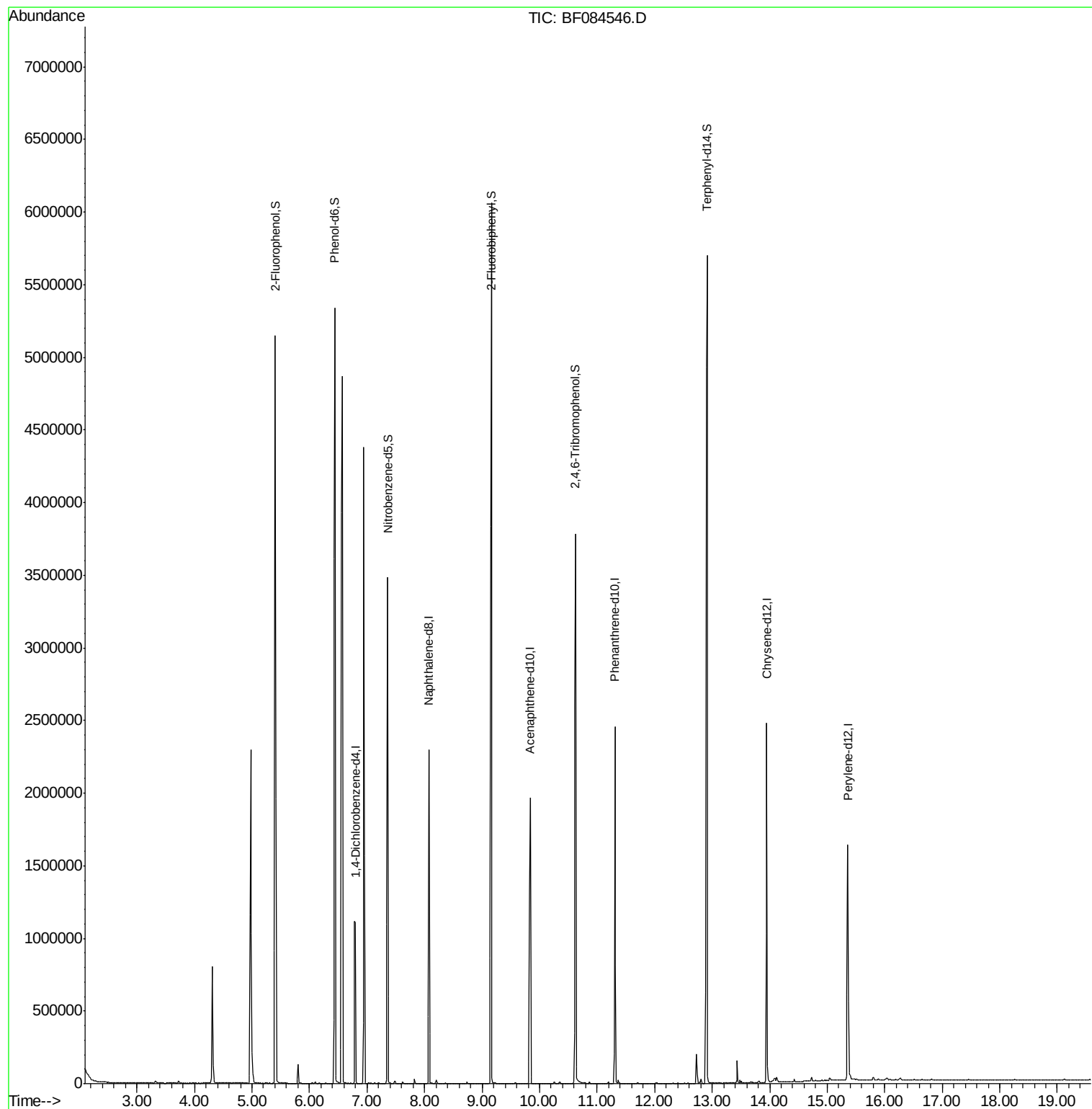
Target Compounds Qvalue

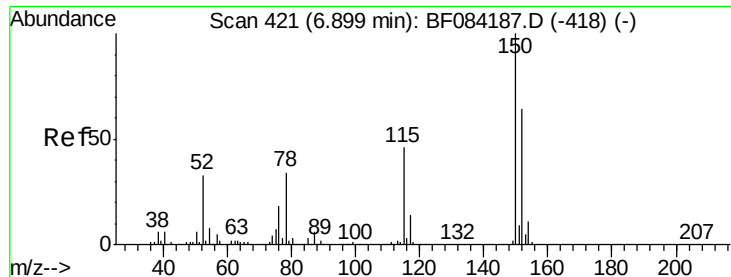
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084546.D

Acq: 19 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87733BL

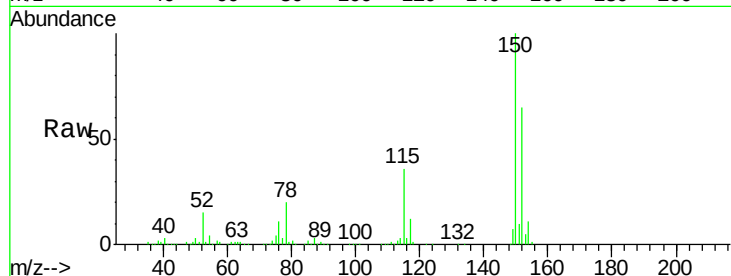
Tot Ion:152 Resp: 248871

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

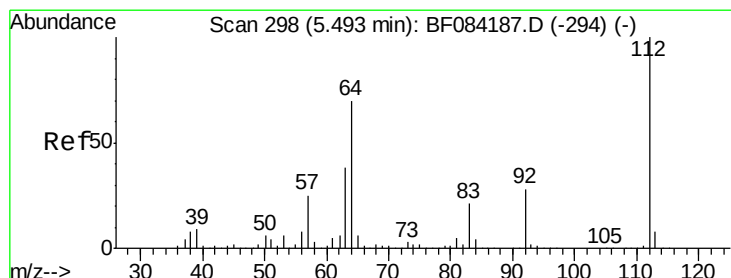
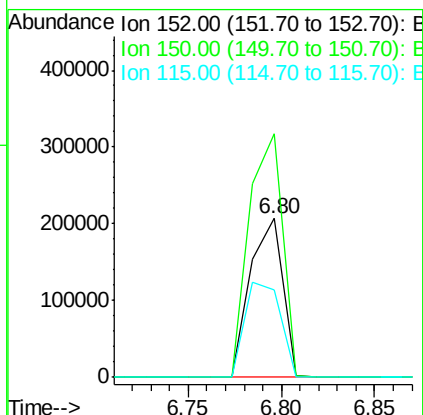
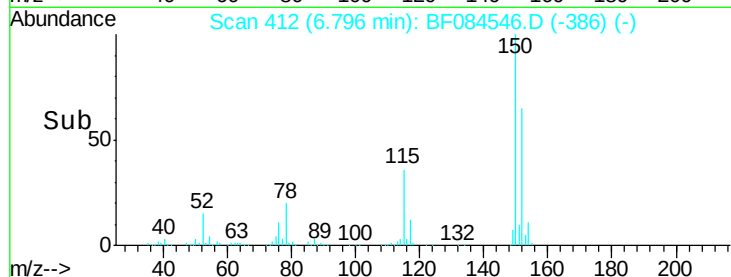
115 55.2 51.4 77.2



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: 101.64 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF084546.D

Acq: 19 Jan 2016 11:43

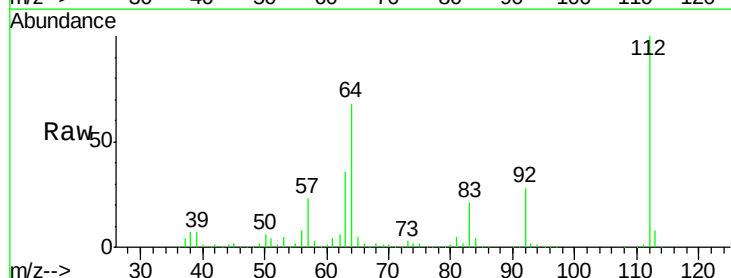
Tgt Ion:112 Resp: 1563826

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

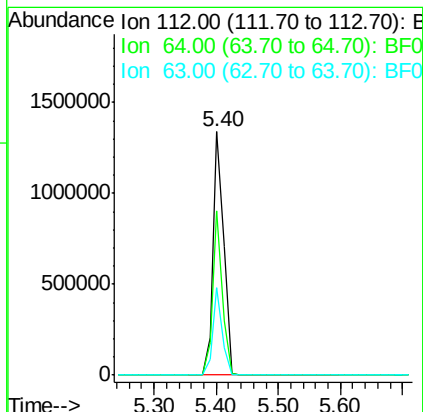
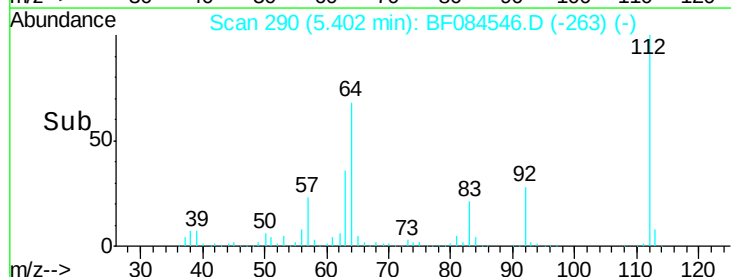
63 36.0 19.4 29.0#

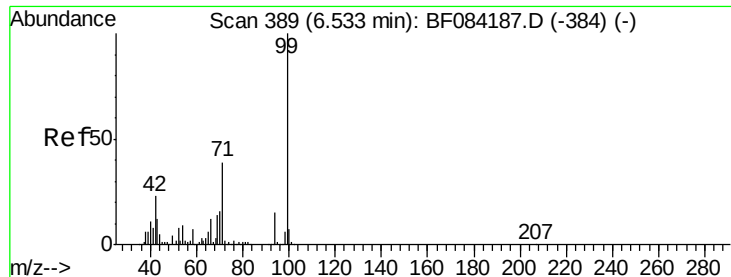


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.70 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084546.D

Acq: 19 Jan 2016 11:43

Instrument :

BNA_F

ClientSampleId :

PB87733BL

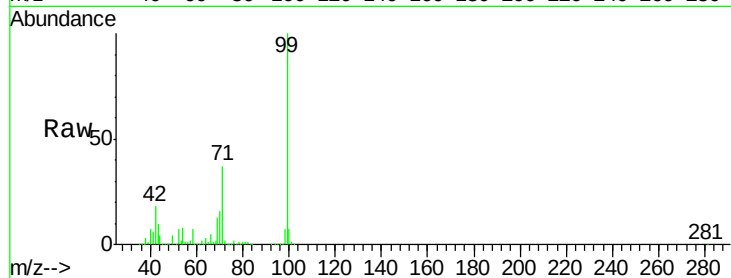
Tot Ion: 99 Resp: 2235733

Ion Ratio Lower Upper

99 100

42 18.1 12.8 19.2

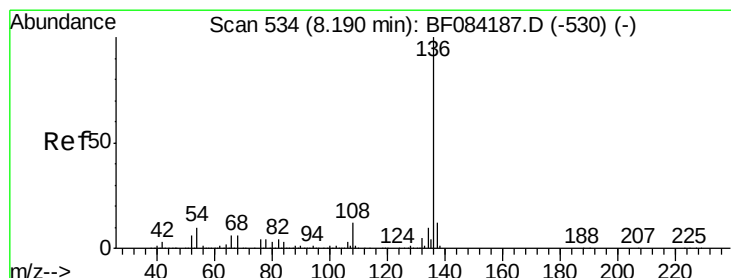
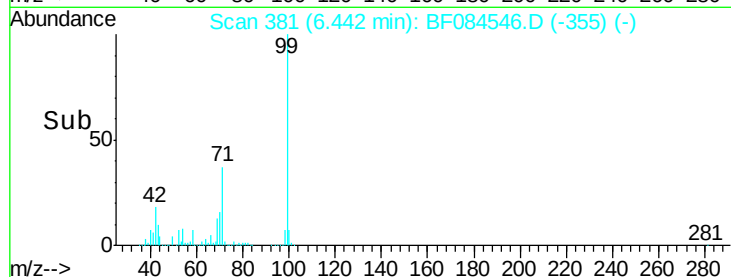
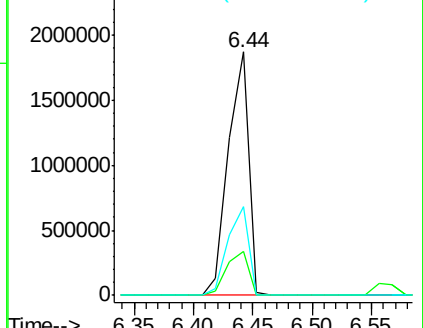
71 36.6 30.9 46.3



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF084546.D

Acq: 19 Jan 2016 11:43

Tgt Ion: 136 Resp: 1048405

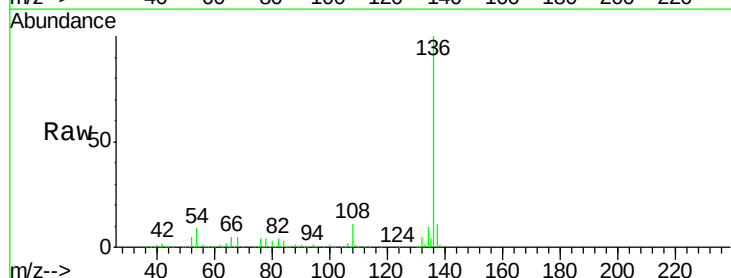
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.4 5.8 8.8#

68 5.3 4.2 6.2

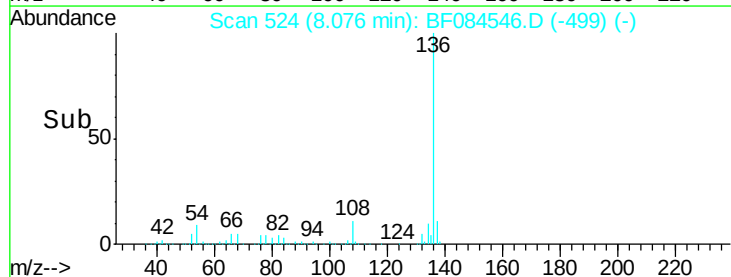
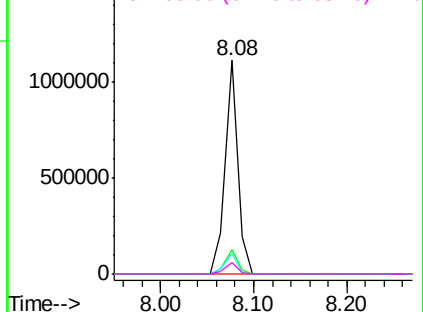


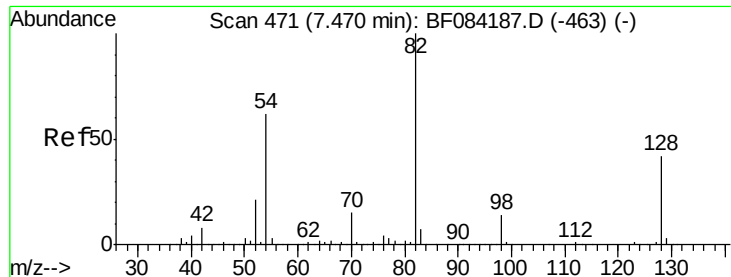
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.56 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF084546.D

Acq: 19 Jan 2016 11:43

Instrument :

BNA_F

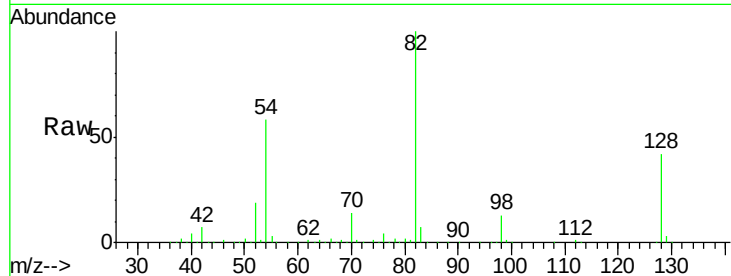
ClientSampleId :

PB87733BL

Tot Ion: 82 Resp: 1197300

Ion Ratio Lower Upper

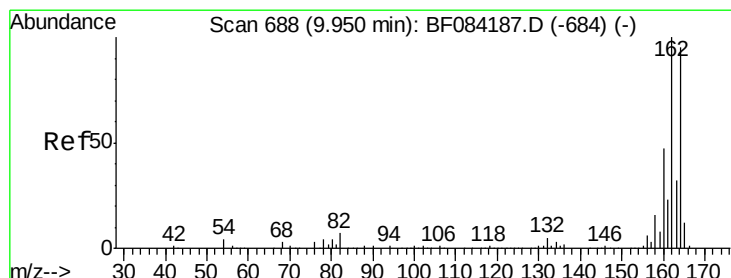
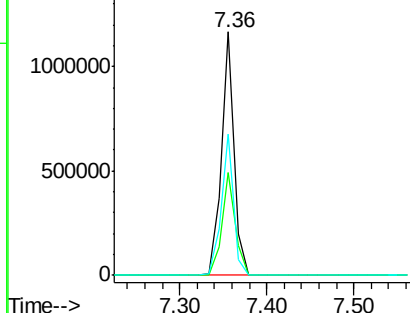
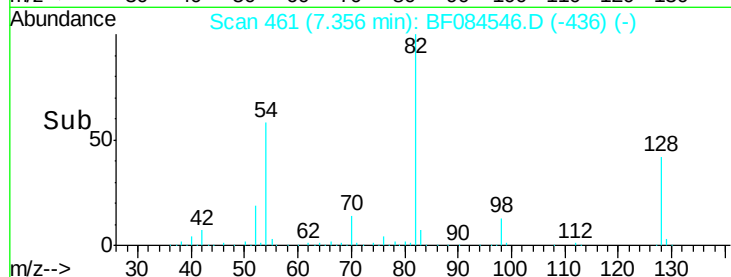
82	100		
128	42.1	34.6	51.8
54	58.0	38.4	57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

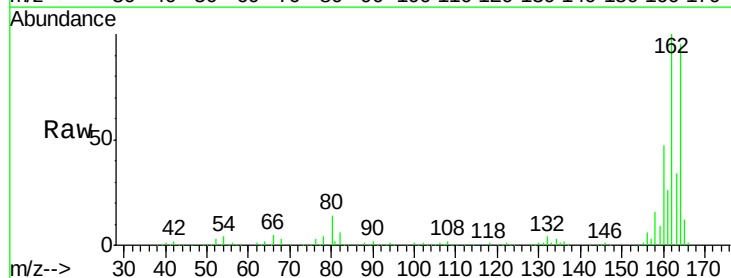
Lab File: BF084546.D

Acq: 19 Jan 2016 11:43

Tgt Ion: 164 Resp: 515061

Ion Ratio Lower Upper

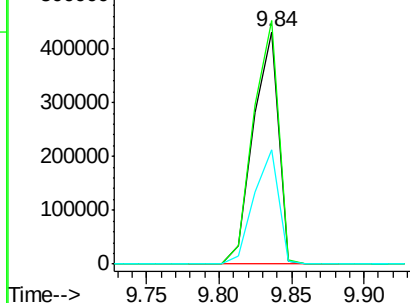
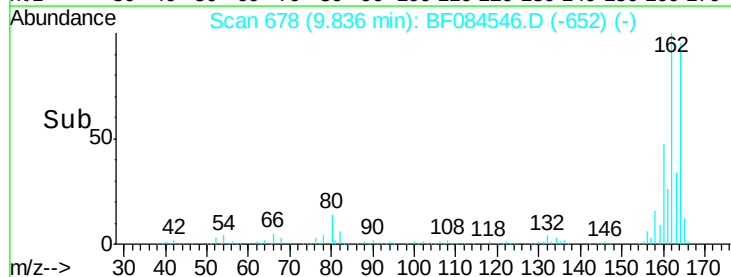
164	100		
162	104.7	85.1	127.7
160	49.5	37.5	56.3

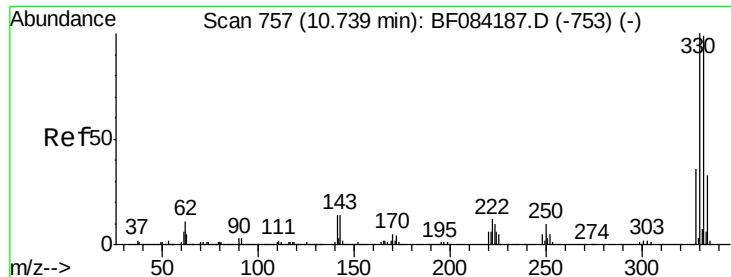


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

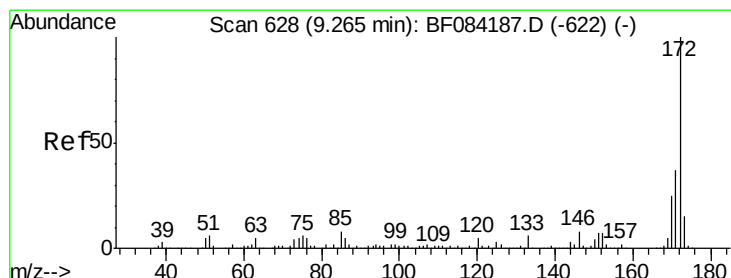
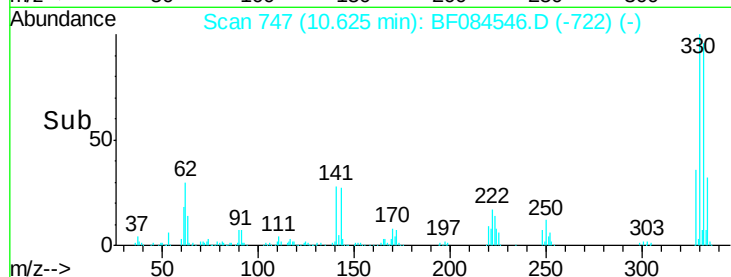
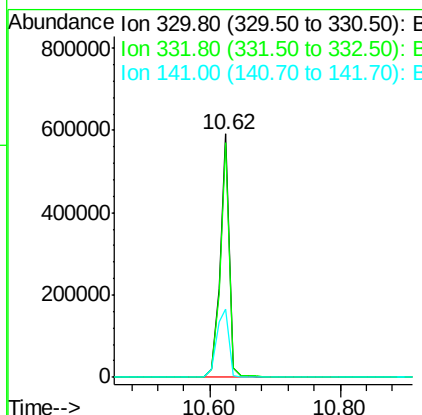
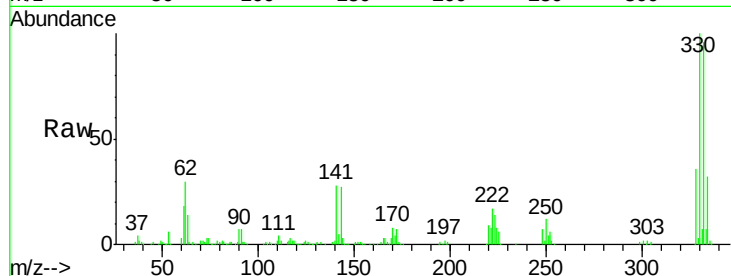




#41
 2,4,6-Tribromophenol
 Concen: 115.20 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF084546.D
 Acq: 19 Jan 2016 11:43

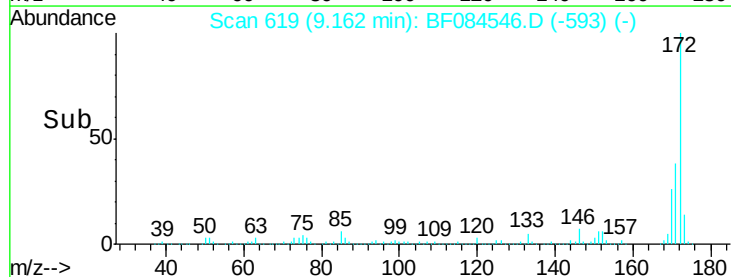
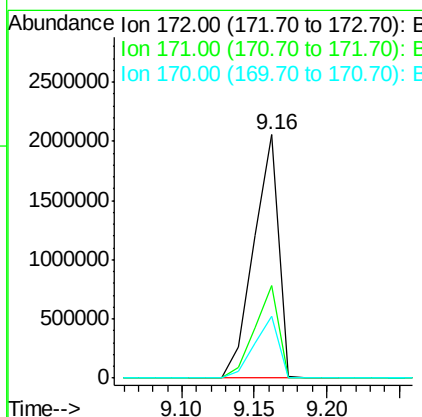
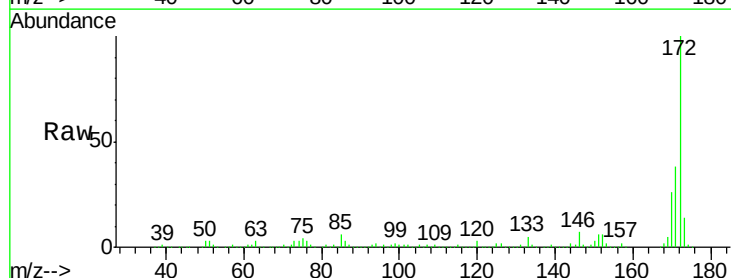
Instrument :
 BNA_F
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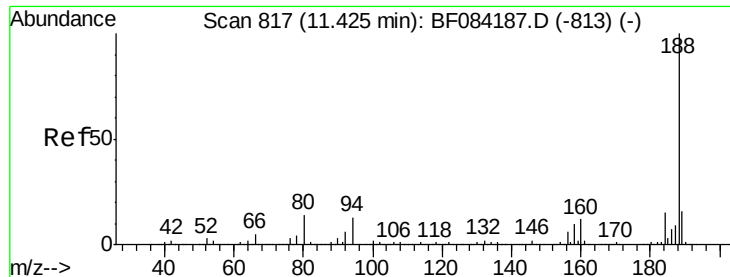
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	37.5	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 83.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084546.D
 Acq: 19 Jan 2016 11:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.9	43.3
170	25.6	18.6	27.8

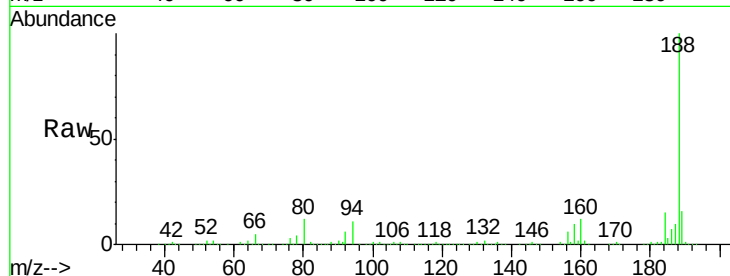




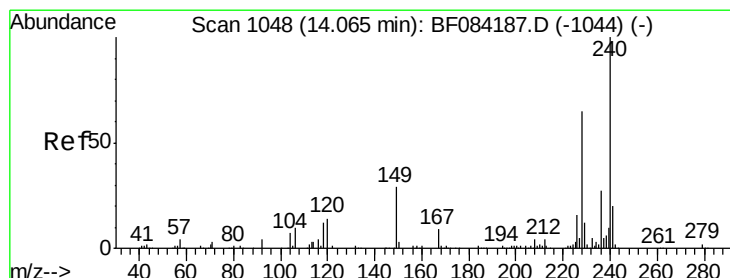
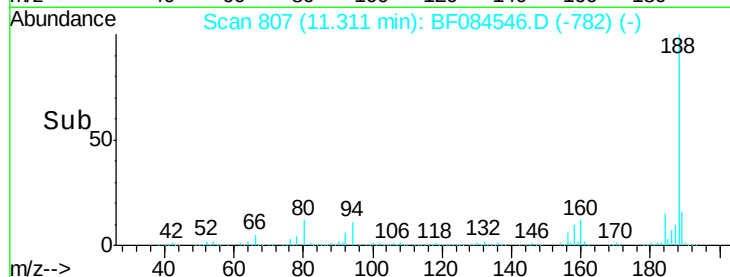
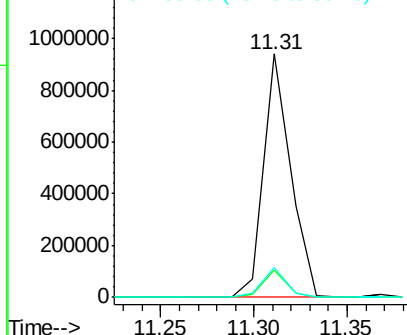
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084546.D
Acq: 19 Jan 2016 11:43

Instrument :
BNA_F
ClientSampleId :
PB87733BL

Tot Ion:188 Resp: 941242
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.4
80 12.4 9.6 14.4

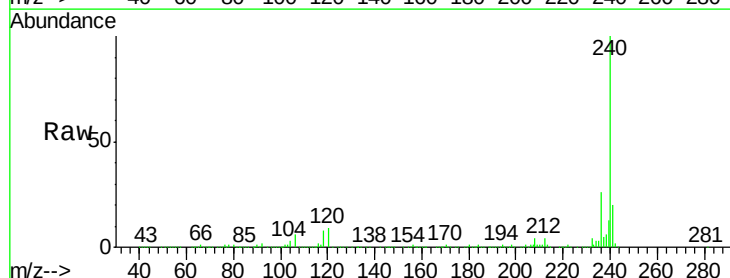


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

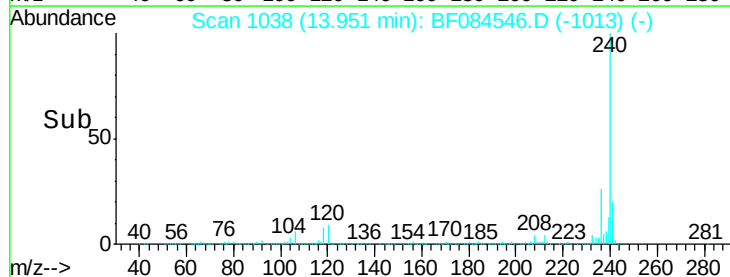
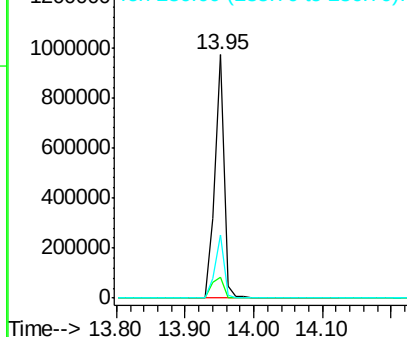


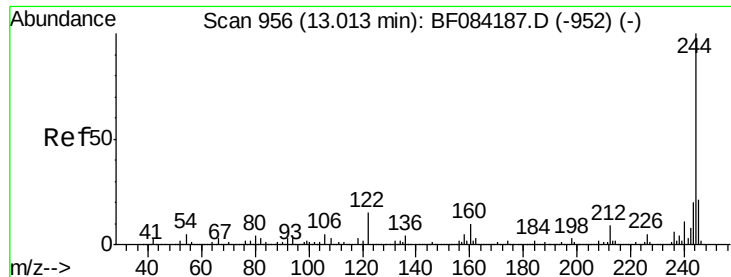
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084546.D
Acq: 19 Jan 2016 11:43

Tgt Ion:240 Resp: 936402
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 25.7 20.6 31.0



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

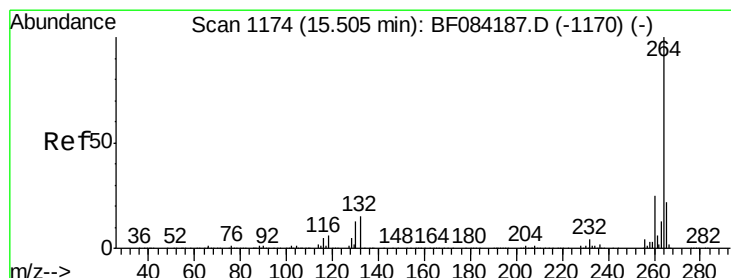
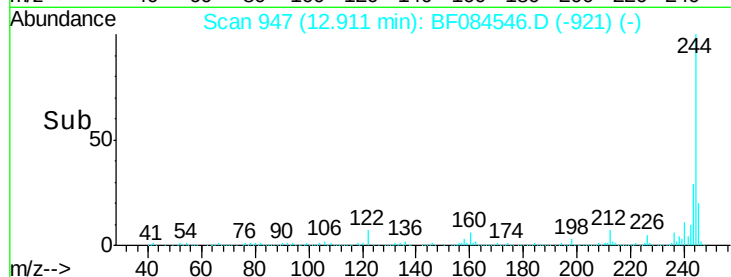
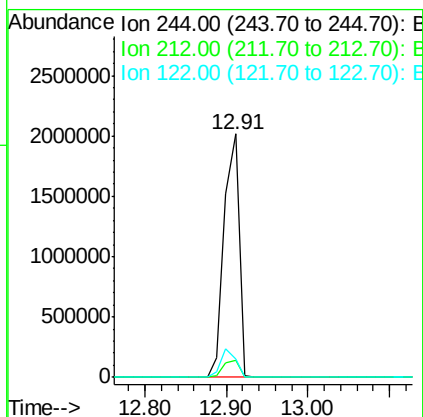
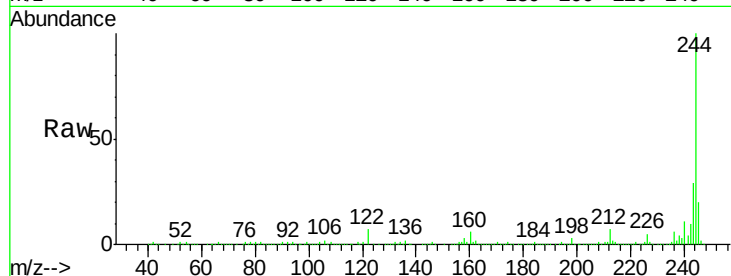




#78
 Terphenyl-d14
 Concen: 61.05 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF084546.D
 Acq: 19 Jan 2016 11:43

Instrument :
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 ClientSampleId :
 PB87733BL

Tot Ion:244 Resp: 2561144
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 7.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF084546.D
 Acq: 19 Jan 2016 11:43

Tgt Ion:264 Resp: 725472
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.8 26.6

