

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090848.D
 Acq On : 26 Oct 2016 19:01
 Operator : UM/SJ
 Sample : PB94315BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BL

Quant Time: Oct 27 02:17:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152724	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	643177	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	340047	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	595012	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	538011	20.00	ng	-0.01
86) Perylene-d12	15.37	264	384502	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1106925	126.72	ng	0.00
7) Phenol-d6	6.43	99	1482986	125.84	ng	-0.01
23) Nitrobenzene-d5	7.36	82	725213	73.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	354302	101.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1471191	75.97	ng	-0.02
78) Terphenyl-d14	12.90	244	1590230	74.47	ng	-0.02

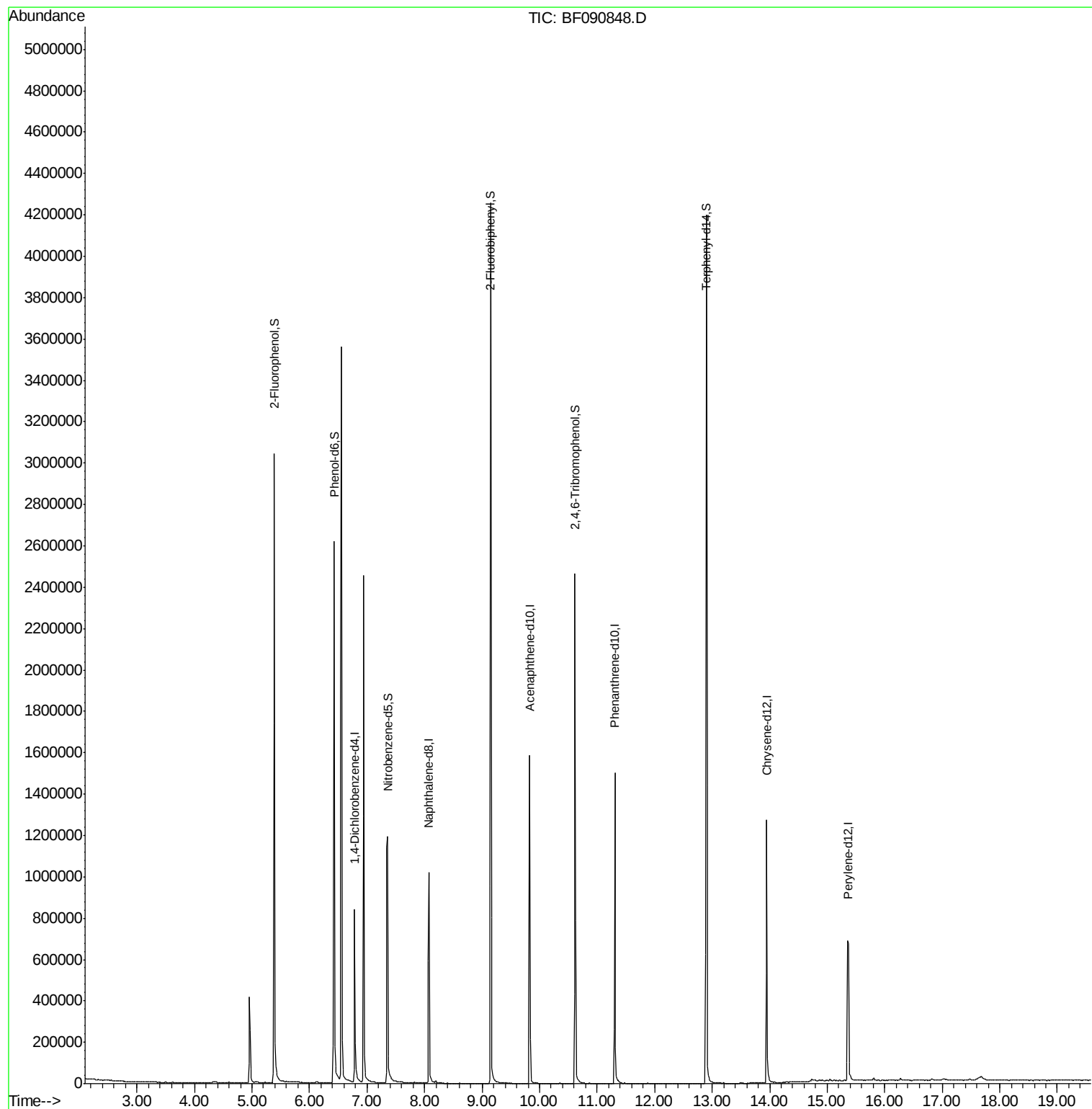
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF090848.D

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Instrument :

BNA_F

ClientSampleId :

PB94315BL

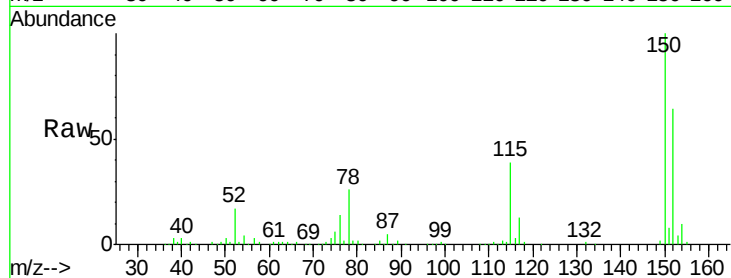
Tot Ion:152 Resp: 152724

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

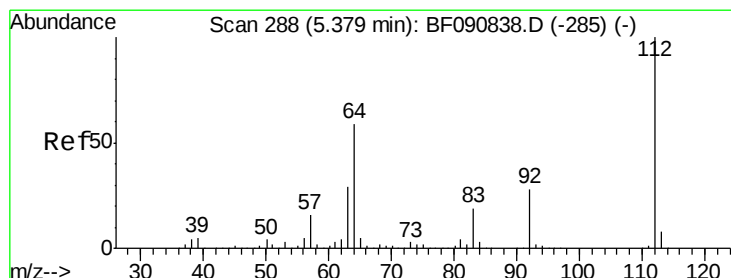
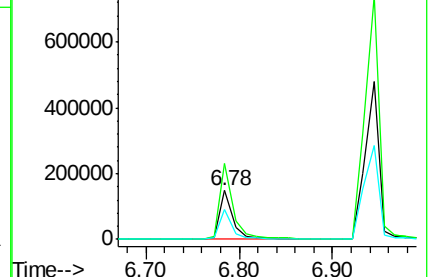
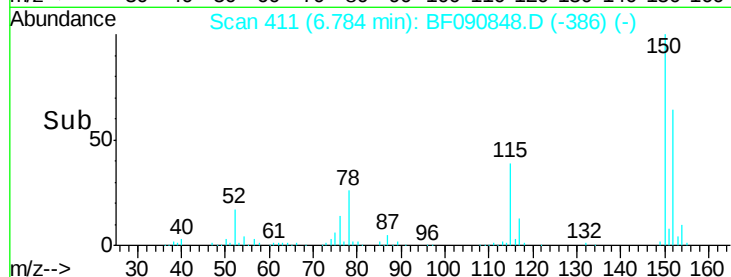
115 61.0 39.0 58.4#



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: 126.72 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

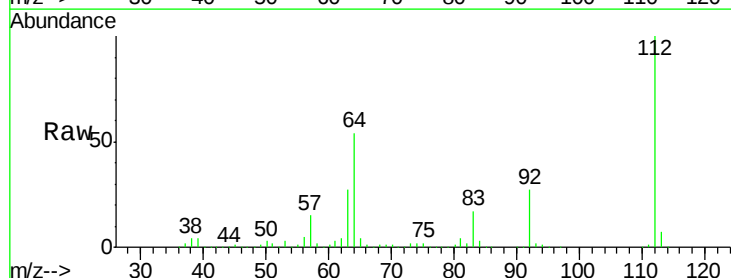
Tgt Ion:112 Resp: 1106925

Ion Ratio Lower Upper

112 100

64 53.9 39.7 59.5

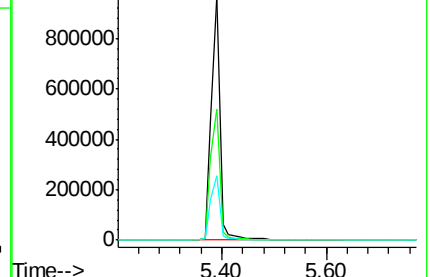
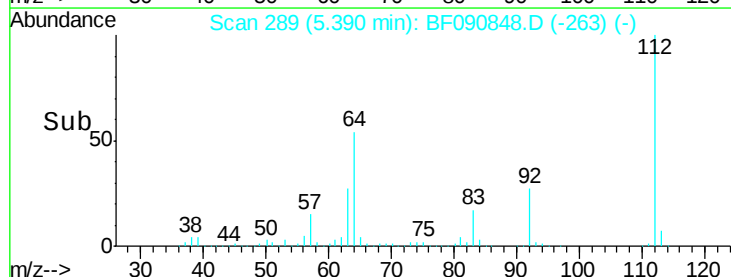
63 26.5 17.4 26.0#



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: 125.84 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090848.D

Acq: 26 Oct 2016 19:01

Instrument :

BNA_F

ClientSampleId :

PB94315BL

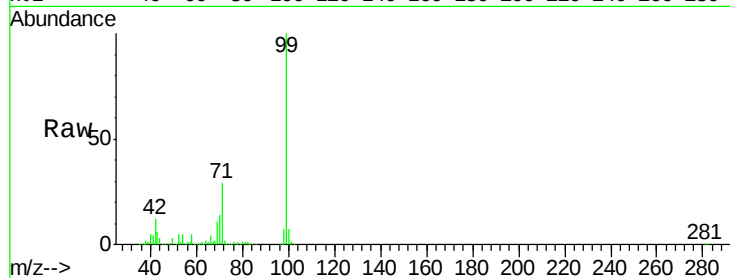
Tot Ion: 99 Resp: 1482986

Ion Ratio Lower Upper

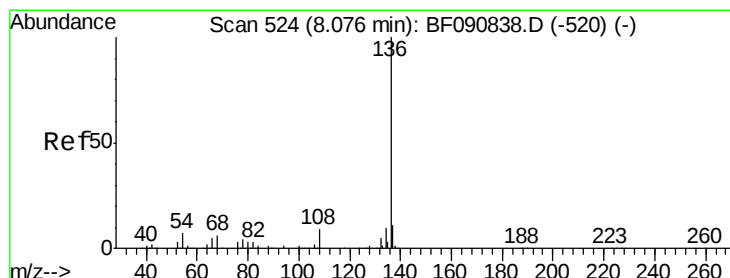
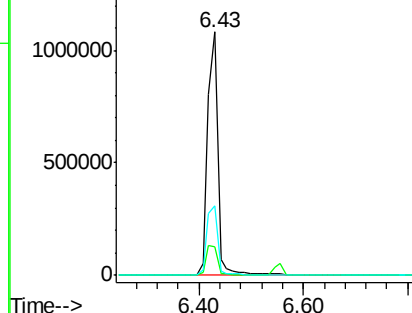
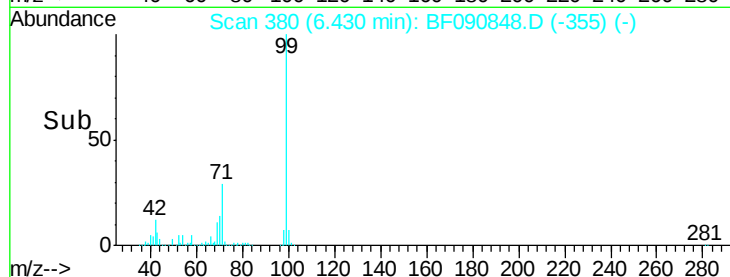
99 100

42 12.0 13.7 20.5#

71 28.7 14.2 21.2#



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: BF090848.D

Acq: 26 Oct 2016 19:01

Tgt Ion: 136 Resp: 643177

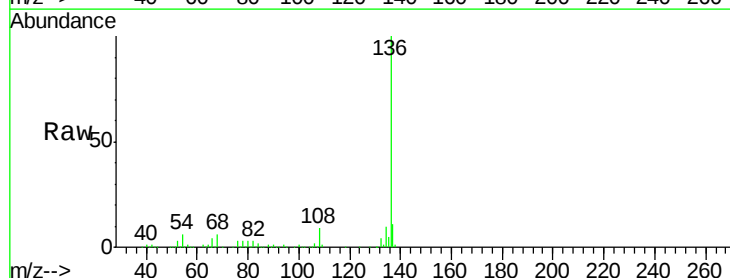
Ion Ratio Lower Upper

136 100

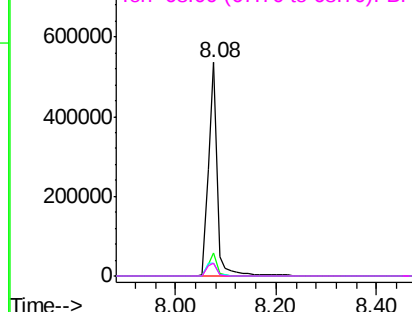
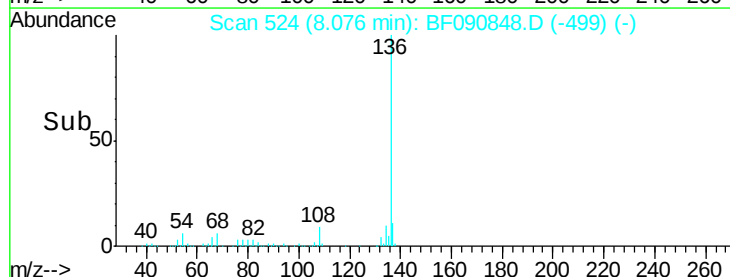
137 10.9 9.0 13.6

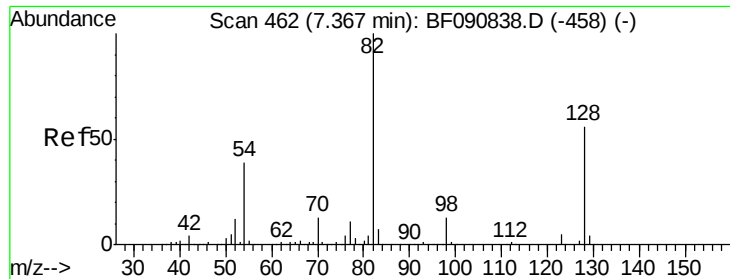
54 6.0 8.2 12.2#

68 5.8 5.8 8.6



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

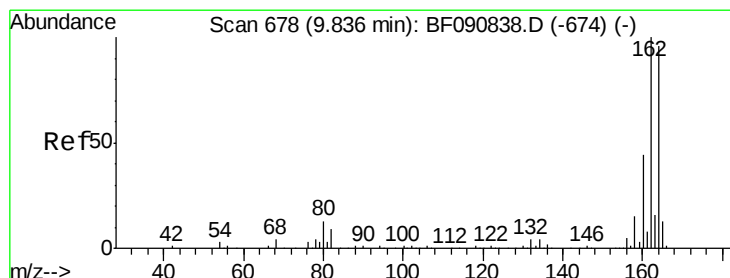
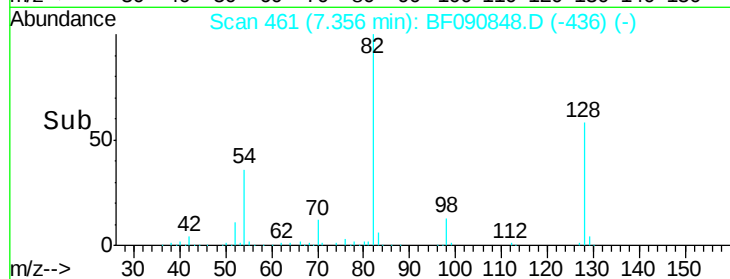
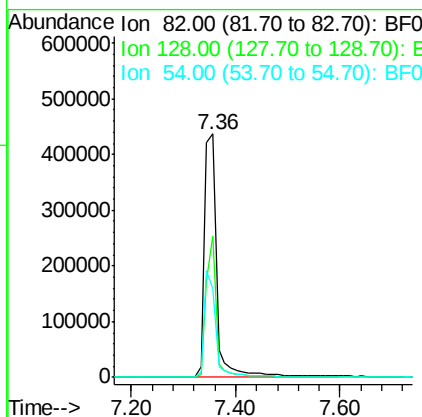
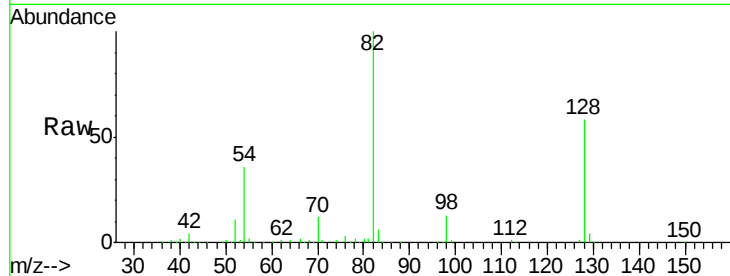




#23
 Nitrobenzene-d5
 Concen: 73.81 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

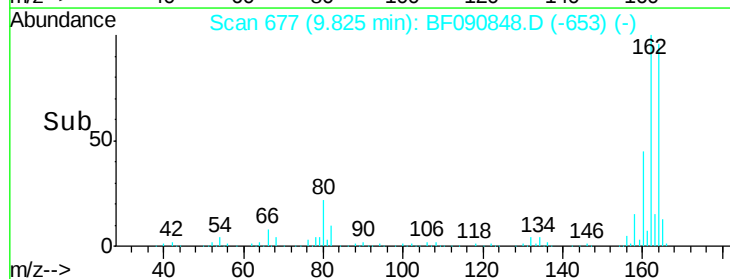
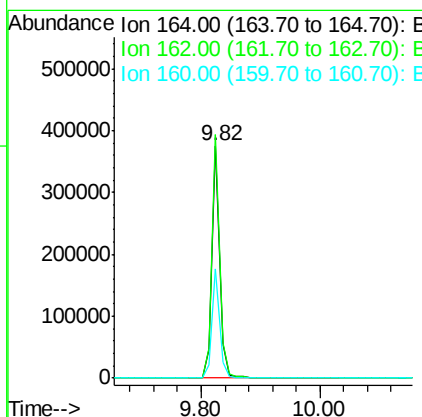
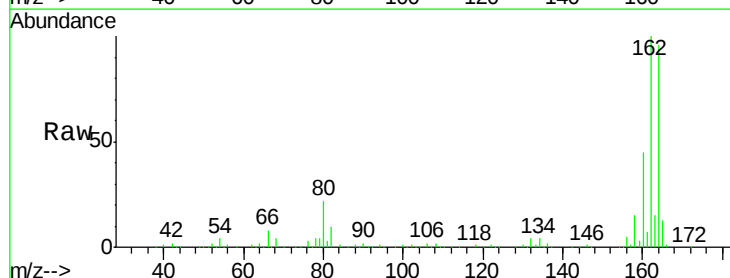
Instrument :
 BNA_F
 ClientSampleId :
 PB94315BL

Tot Ion: 82 Resp: 725213
 Ion Ratio Lower Upper
 82 100
 128 57.8 51.0 76.6
 54 36.2 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Tgt Ion:164 Resp: 340047
 Ion Ratio Lower Upper
 164 100
 162 104.6 75.2 112.8
 160 46.7 31.5 47.3

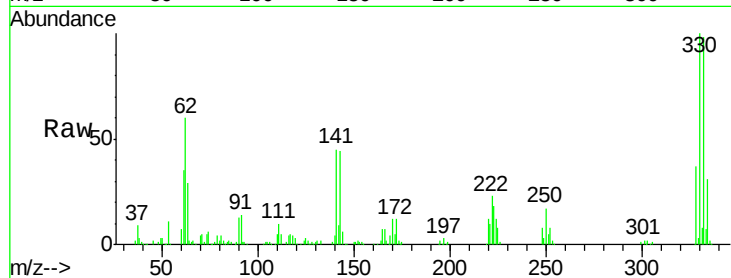




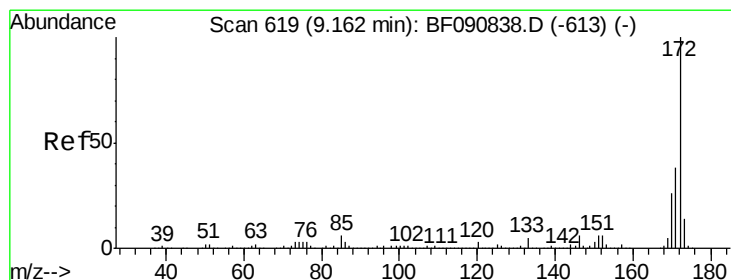
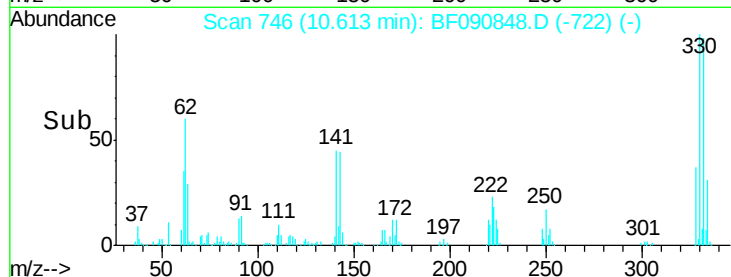
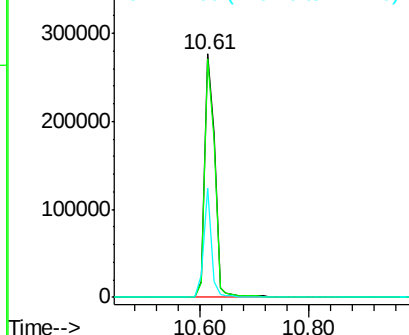
#41
 2,4,6-Tribromophenol
 Concen: 101.39 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	35.0	29.7	44.5

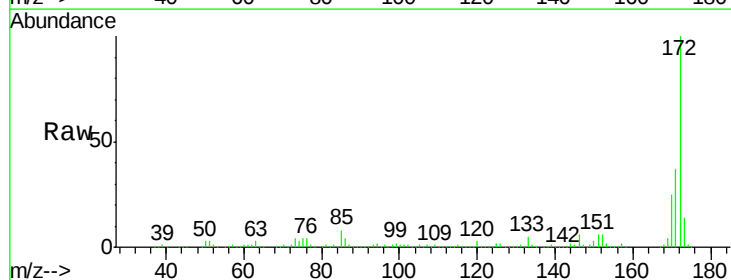


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

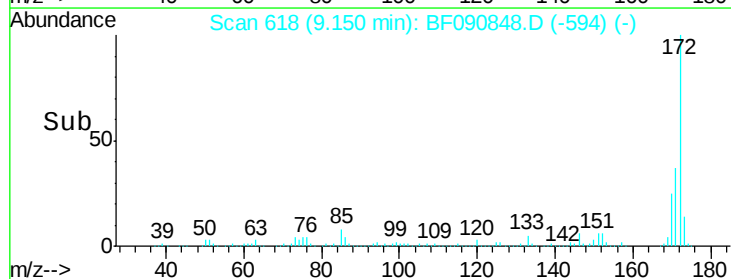
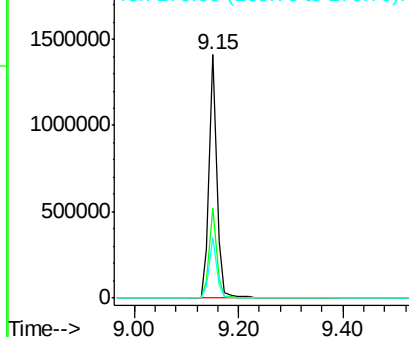


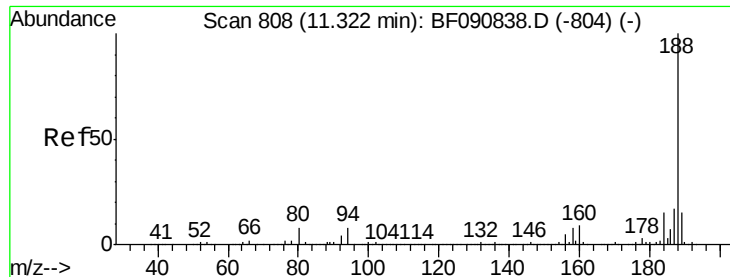
#44
 2-Fluorobiphenyl
 Concen: 75.97 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.1	39.1
170	24.8	17.4	26.2



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

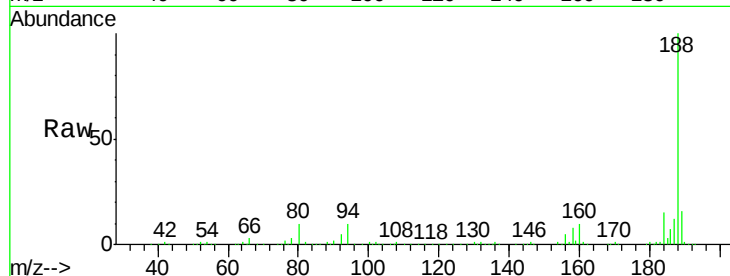




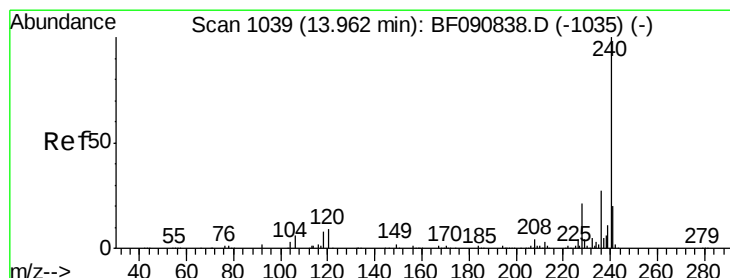
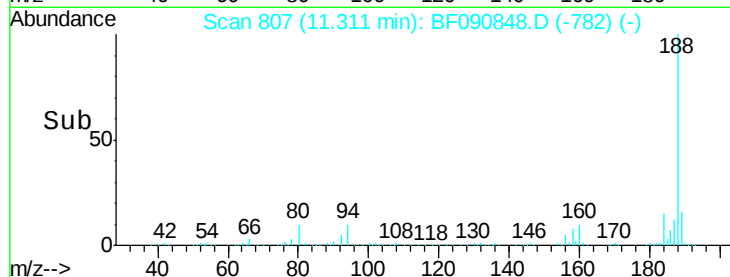
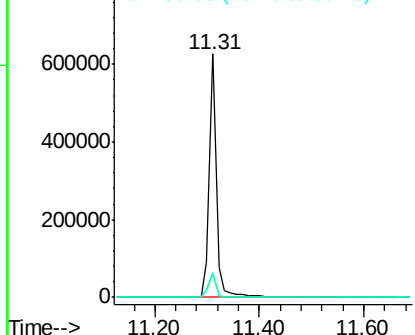
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090848.D
Acq: 26 Oct 2016 19:01

Instrument :
BNA_F
ClientSampleId :
PB94315BL

Tot Ion:188 Resp: 595012
Ion Ratio Lower Upper
188 100
94 9.5 11.1 16.7#
80 10.3 11.0 16.4#

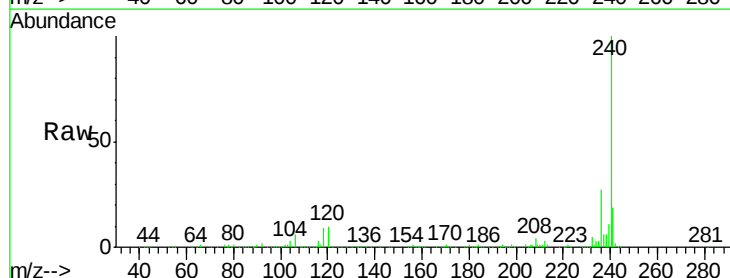


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

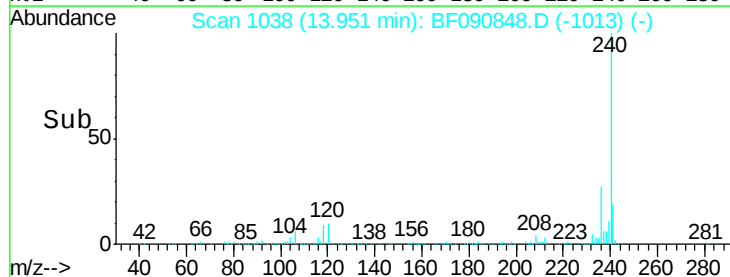
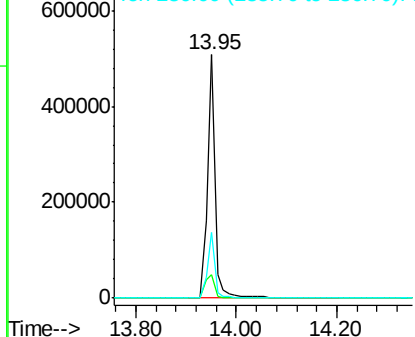


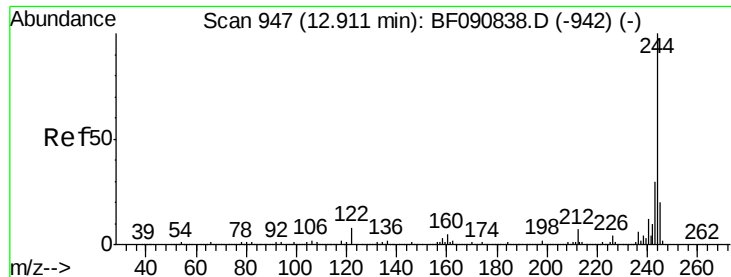
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090848.D
Acq: 26 Oct 2016 19:01

Tgt Ion:240 Resp: 538011
Ion Ratio Lower Upper
240 100
120 9.5 16.2 24.2#
236 26.9 18.4 27.6



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

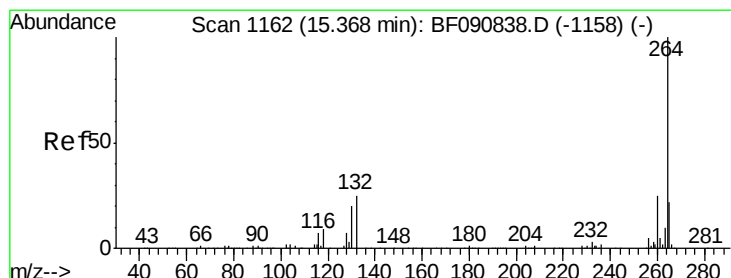
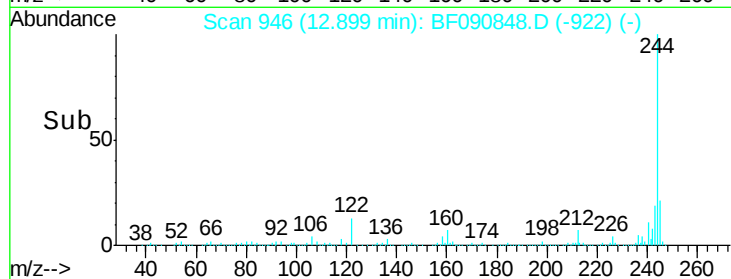
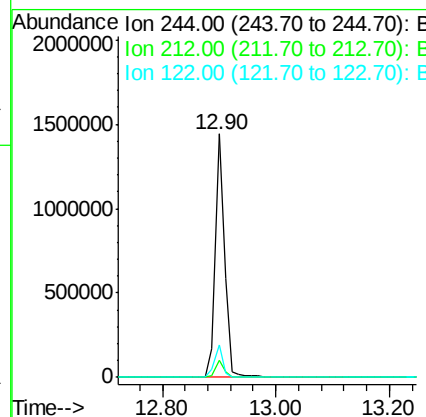
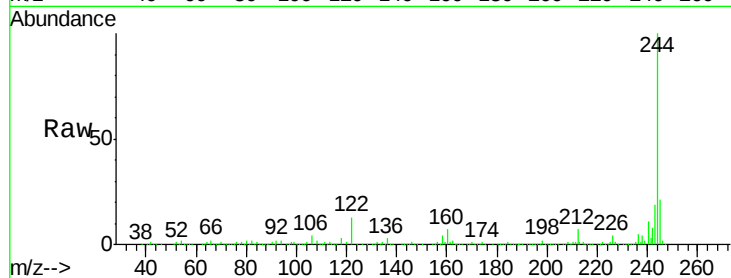




#78
 Terphenyl-d14
 Concen: 74.47 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 PB94315BL

Tot Ion:244 Resp: 1590230
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 13.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF090848.D
 Acq: 26 Oct 2016 19:01

Tgt Ion:264 Resp: 384502
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.2 17.2 25.8

