

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
 Data File : BF081218.D
 Acq On : 26 Aug 2015 18:12
 Operator : UM/IZ
 Sample : PB85191BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85191BL

Quant Time: Aug 27 01:03:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	52127	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	194707	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	97573	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	173669	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	150694	20.00	ng	-0.04
86) Perylene-d12	14.95	264	115203	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	265971	76.74	ng	-0.01
7) Phenol-d6	6.16	99	313971	69.43	ng	-0.04
23) Nitrobenzene-d5	7.09	82	309593	72.64	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	55621	65.76	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	465924	62.57	ng	-0.02
78) Terphenyl-d14	12.60	244	416356	59.23	ng	-0.04

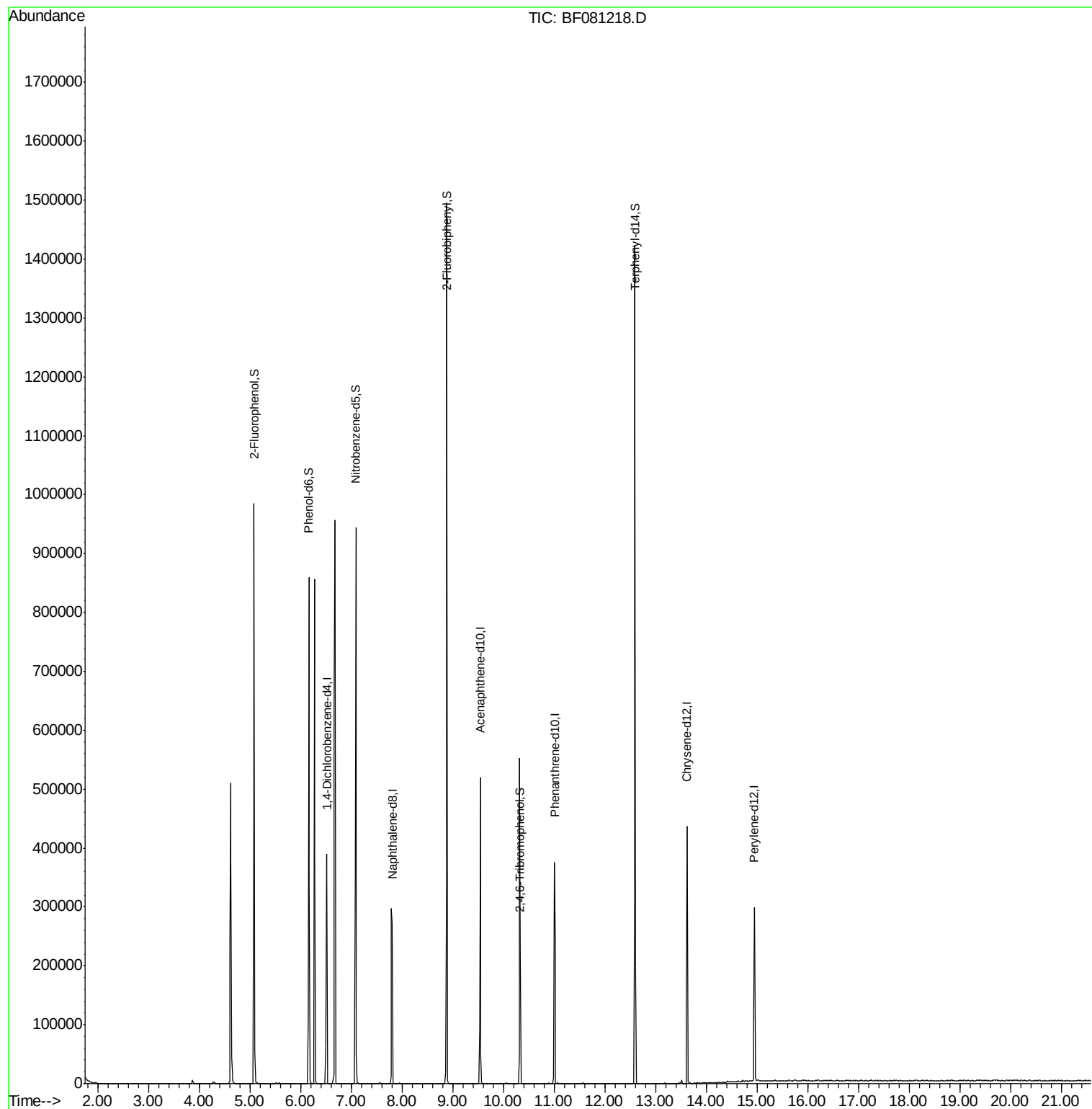
Target Compounds	Qvalue
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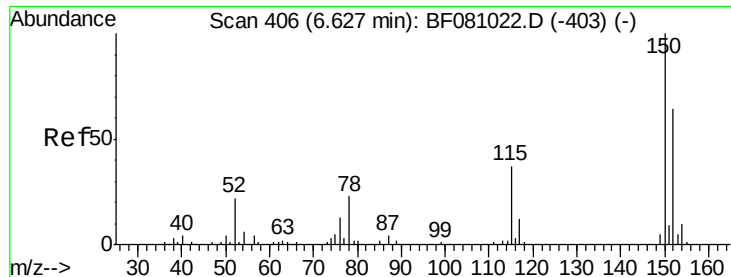
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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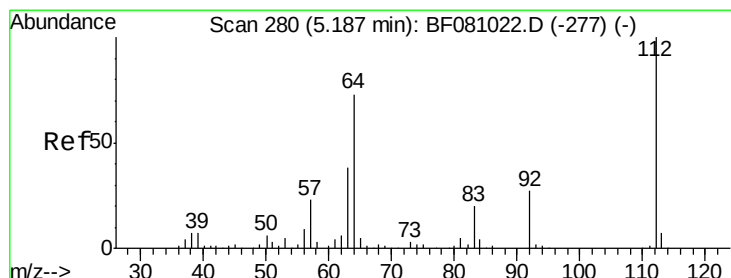
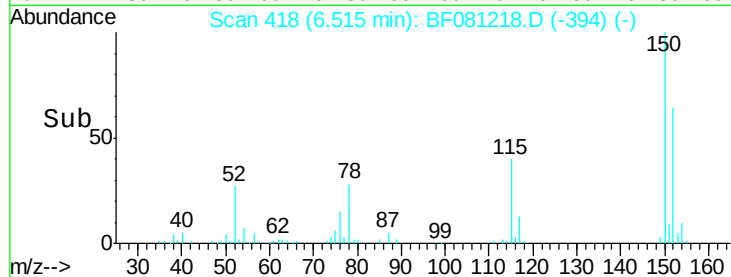
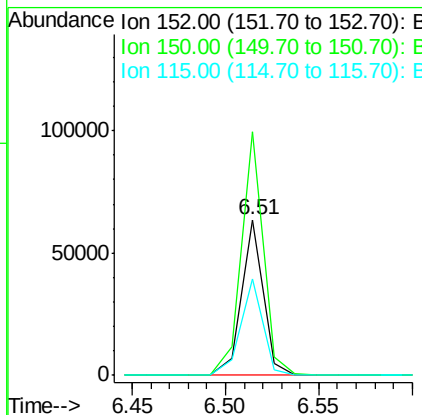
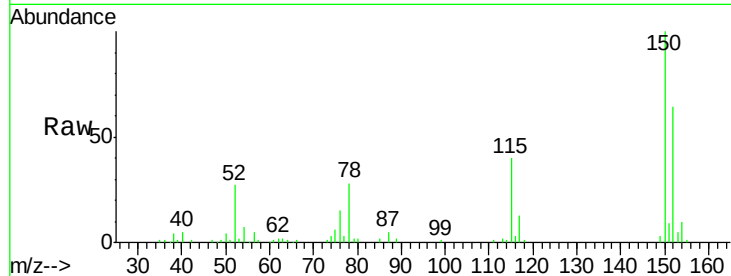


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB85191BL

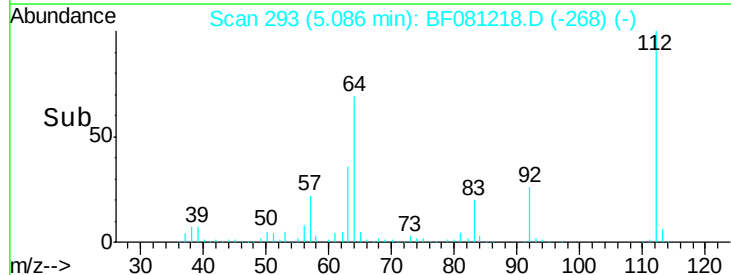
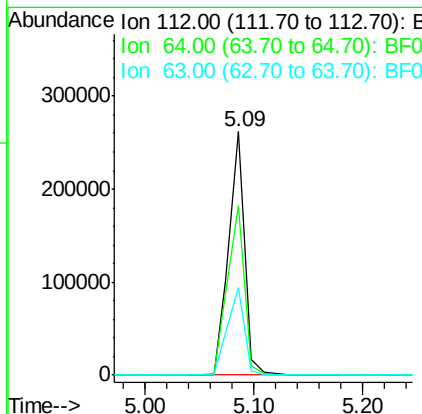
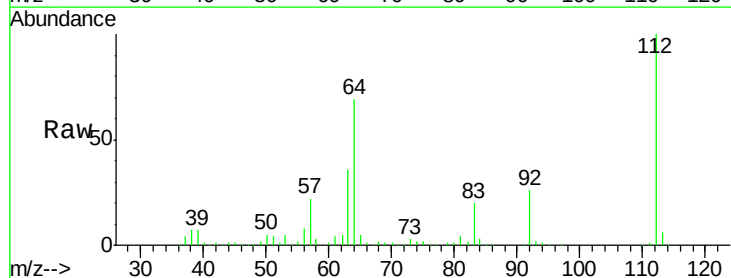
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.6
115	61.8	52.1	78.1

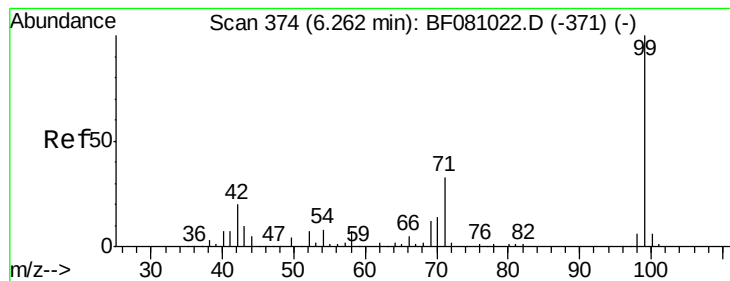


#5

2-Fluorophenol
 Concen: 76.74 ng
 RT: 5.09 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	66.9	100.3
63	36.0	38.1	57.1#





#7

Phenol-d6

Concen: 69.43 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Instrument :

BNA_F

ClientSampleId :

PB85191BL

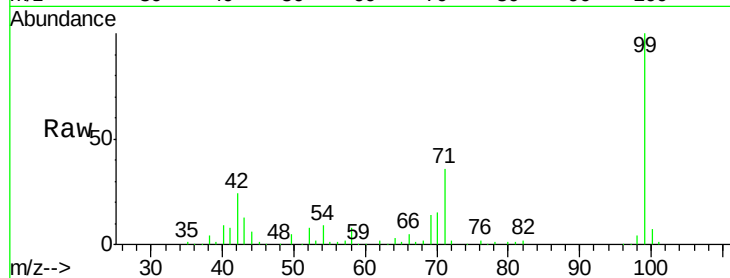
Tgt Ion: 99 Resp: 313971

Ion Ratio Lower Upper

99 100

42 24.3 19.6 29.4

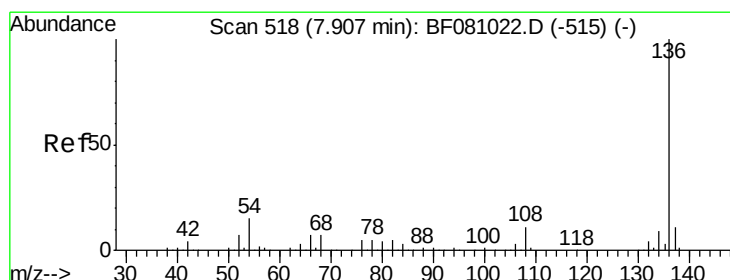
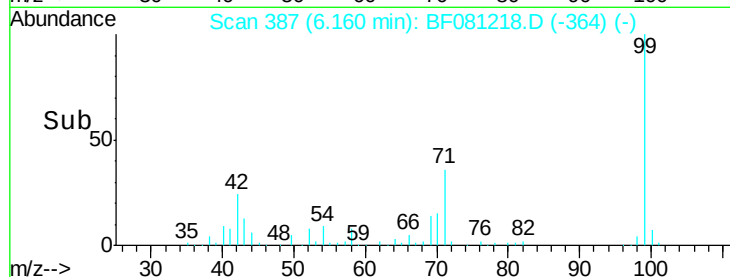
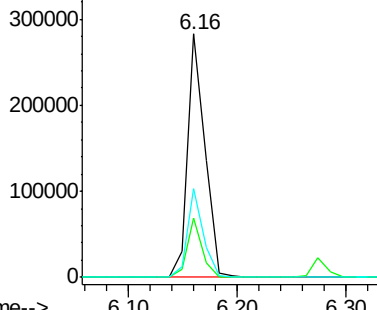
71 36.3 31.2 46.8



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: 7.81 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Tgt Ion: 136 Resp: 194707

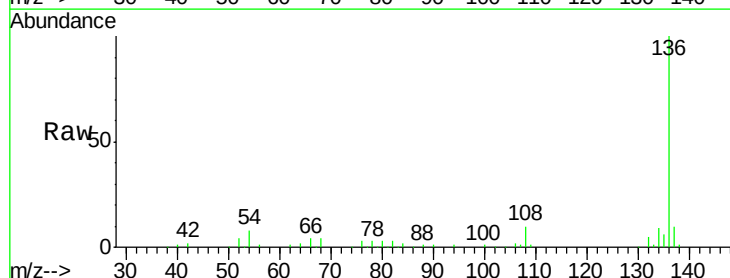
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.2

54 8.4 7.7 11.5

68 4.2 3.4 5.2

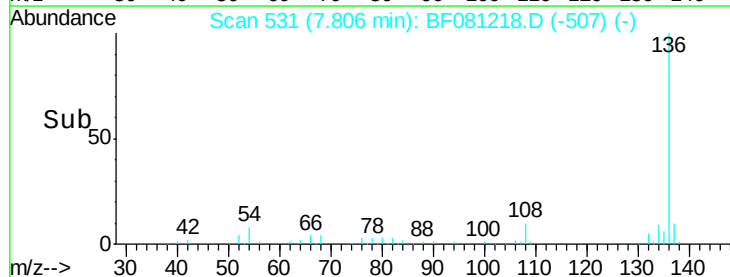
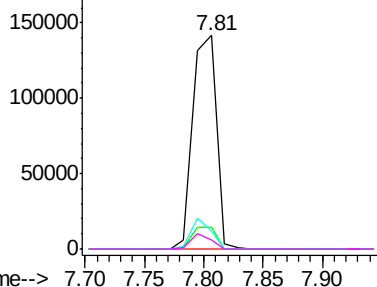


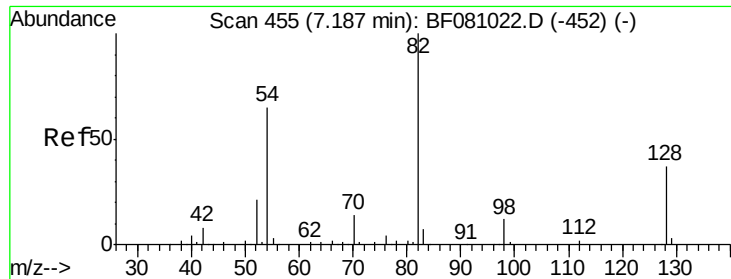
Abundance Ion 136.00 (135.70 to 136.70): E

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

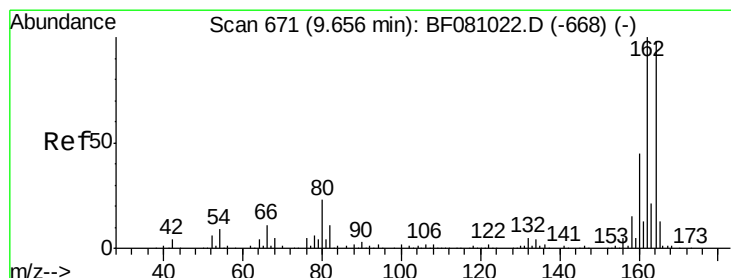
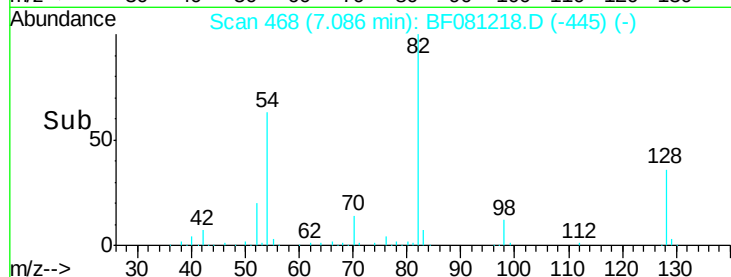
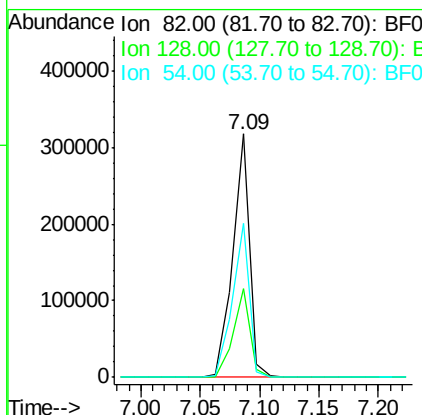
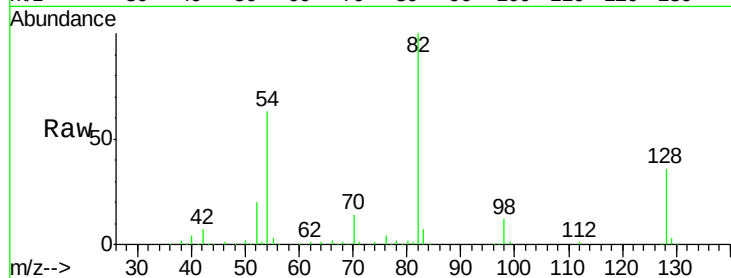




#23
 Nitrobenzene-d5
 Concen: 72.64 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

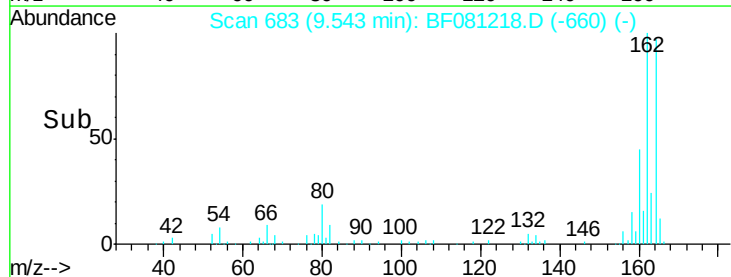
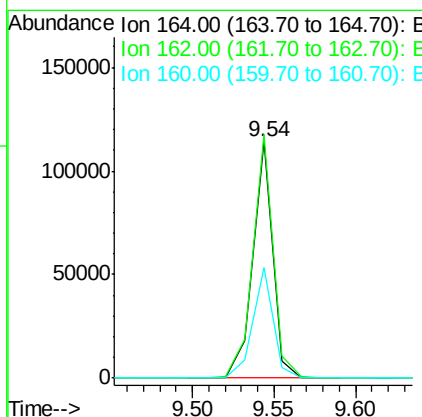
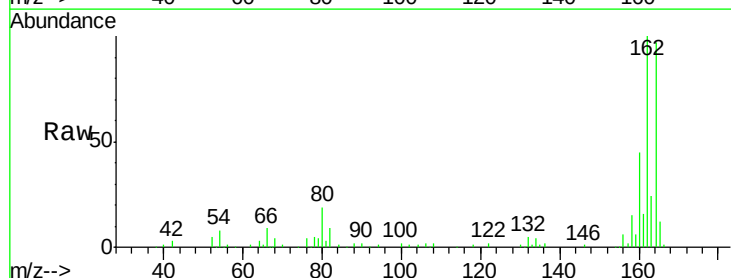
Instrument :
 BNA_F
 ClientSampleId :
 PB85191BL

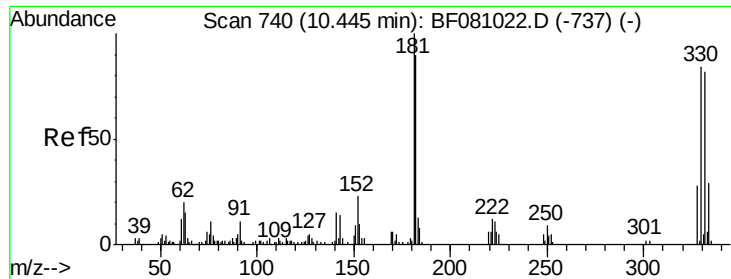
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.6	42.8
54	63.3	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081218.D
 Acq: 26 Aug 2015 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.8	125.8
160	46.5	39.8	59.8





#41

2,4,6-Tribromophenol

Concen: 65.76 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Instrument :

BNA_F

ClientSampleId :

PB85191BL

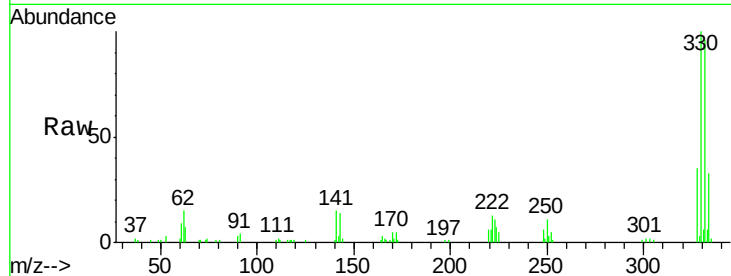
Tgt Ion:330 Resp: 55621

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

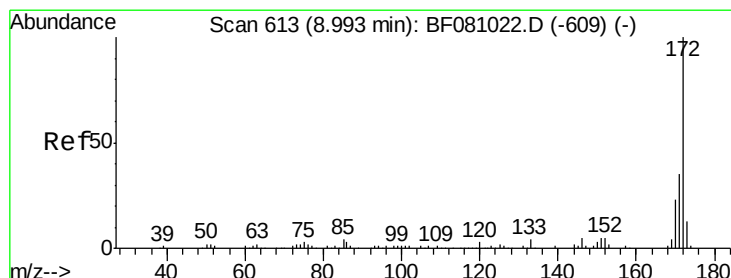
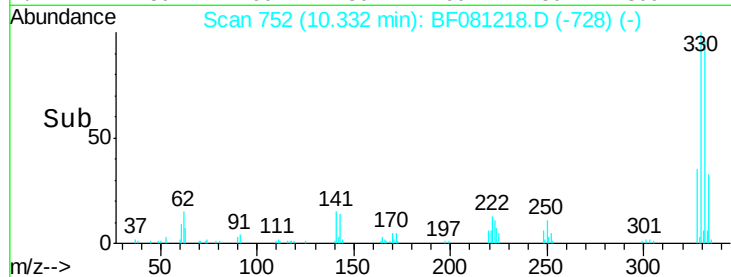
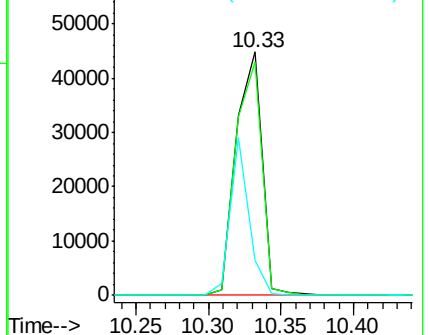
141 47.1 44.9 67.3



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: 62.57 ng

RT: 8.88 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

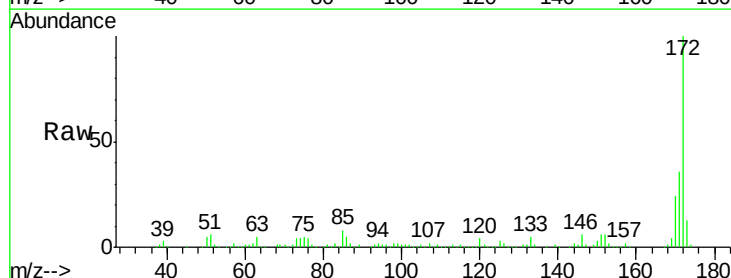
Tgt Ion:172 Resp: 465924

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

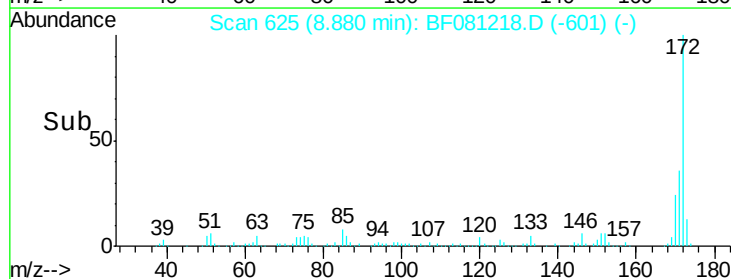
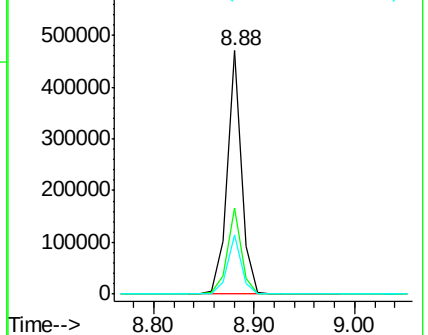
170 24.1 19.4 29.2

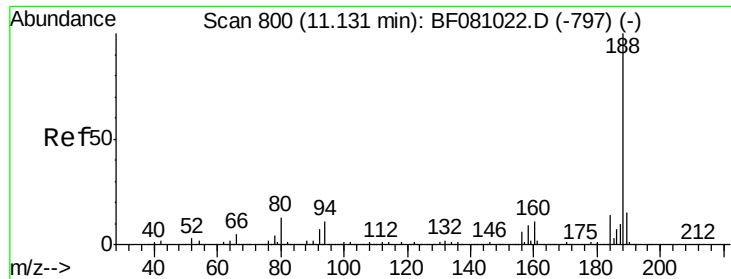


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

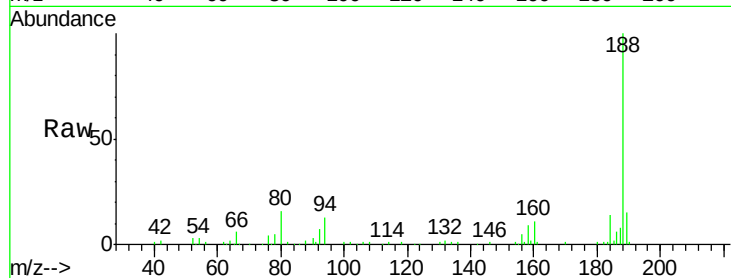




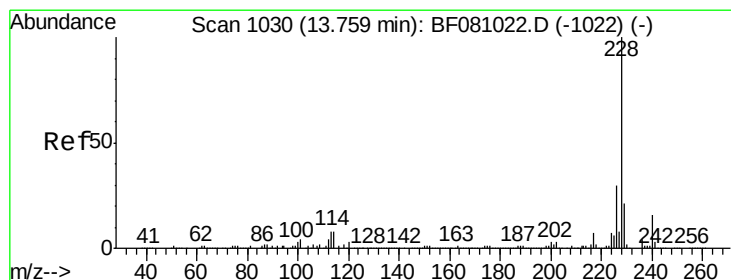
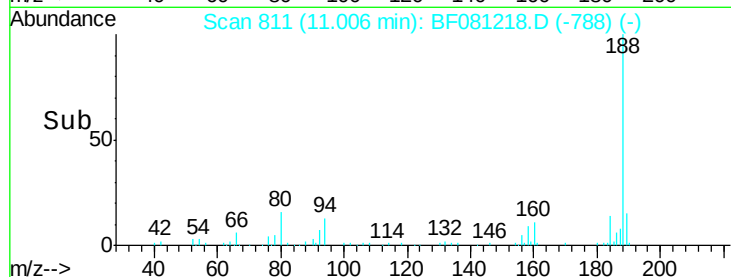
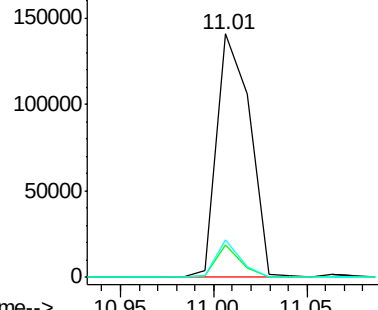
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. -0.04 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

Instrument :
BNA_F
ClientSampleId :
PB85191BL

Tgt Ion:188 Resp: 173669
Ion Ratio Lower Upper
188 100
94 13.4 8.2 12.2#
80 15.6 9.5 14.3#

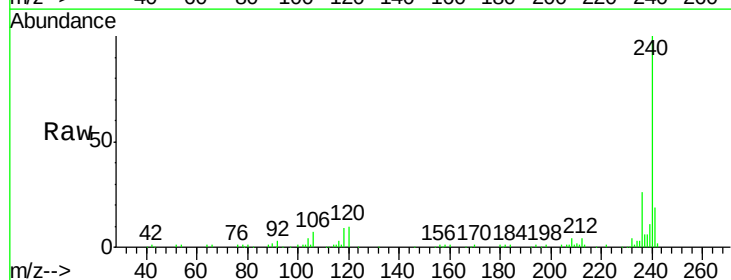


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

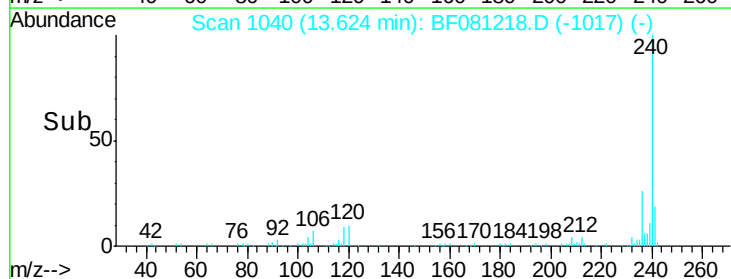
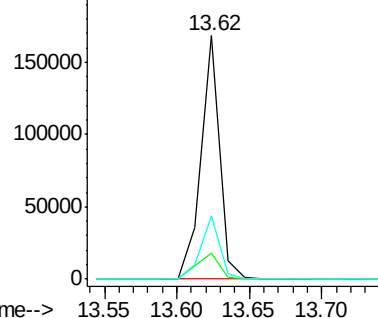


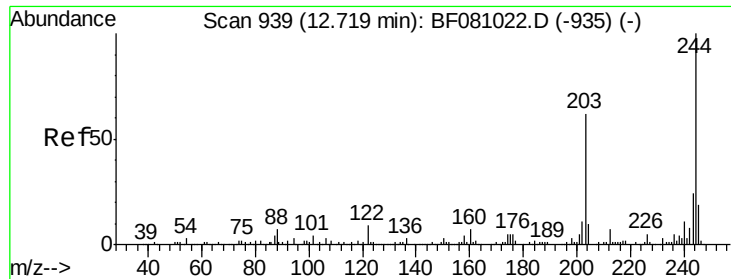
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.04 min
Lab File: BF081218.D
Acq: 26 Aug 2015 18:12

Tgt Ion:240 Resp: 150694
Ion Ratio Lower Upper
240 100
120 10.5 5.6 8.4#
236 25.9 20.6 30.8



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: 59.23 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

Instrument :

BNA_F

ClientSampleId :

PB85191BL

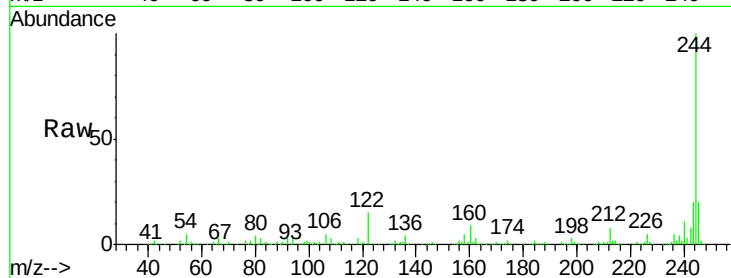
Tgt Ion:244 Resp: 416356

Ion Ratio Lower Upper

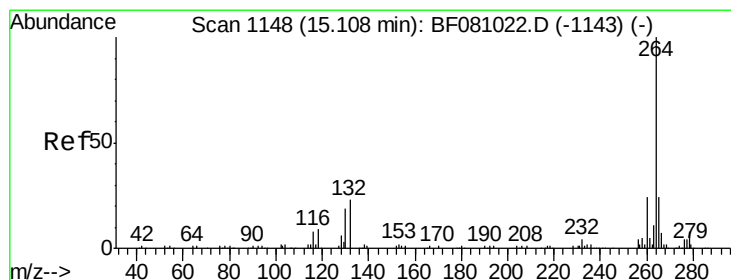
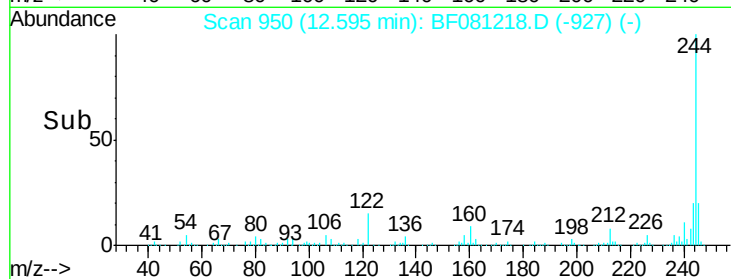
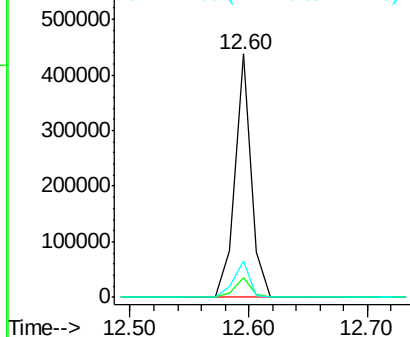
244 100

212 8.2 5.8 8.8

122 14.9 8.2 12.4#



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: 14.95 min Scan# 1156

Delta R.T. -0.04 min

Lab File: BF081218.D

Acq: 26 Aug 2015 18:12

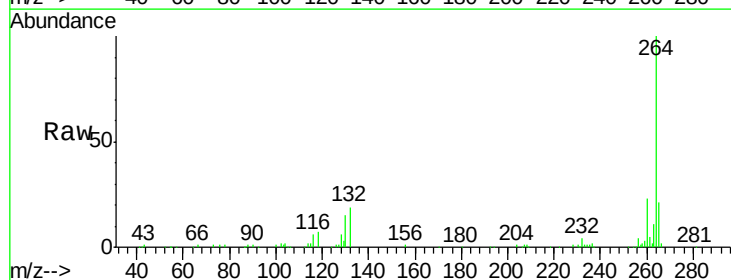
Tgt Ion:264 Resp: 115203

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

