

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082072.D
 Acq On : 6 Oct 2015 5:01
 Operator : UM/IZ
 Sample : G3891-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-24)

Quant Time: Oct 06 08:12:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

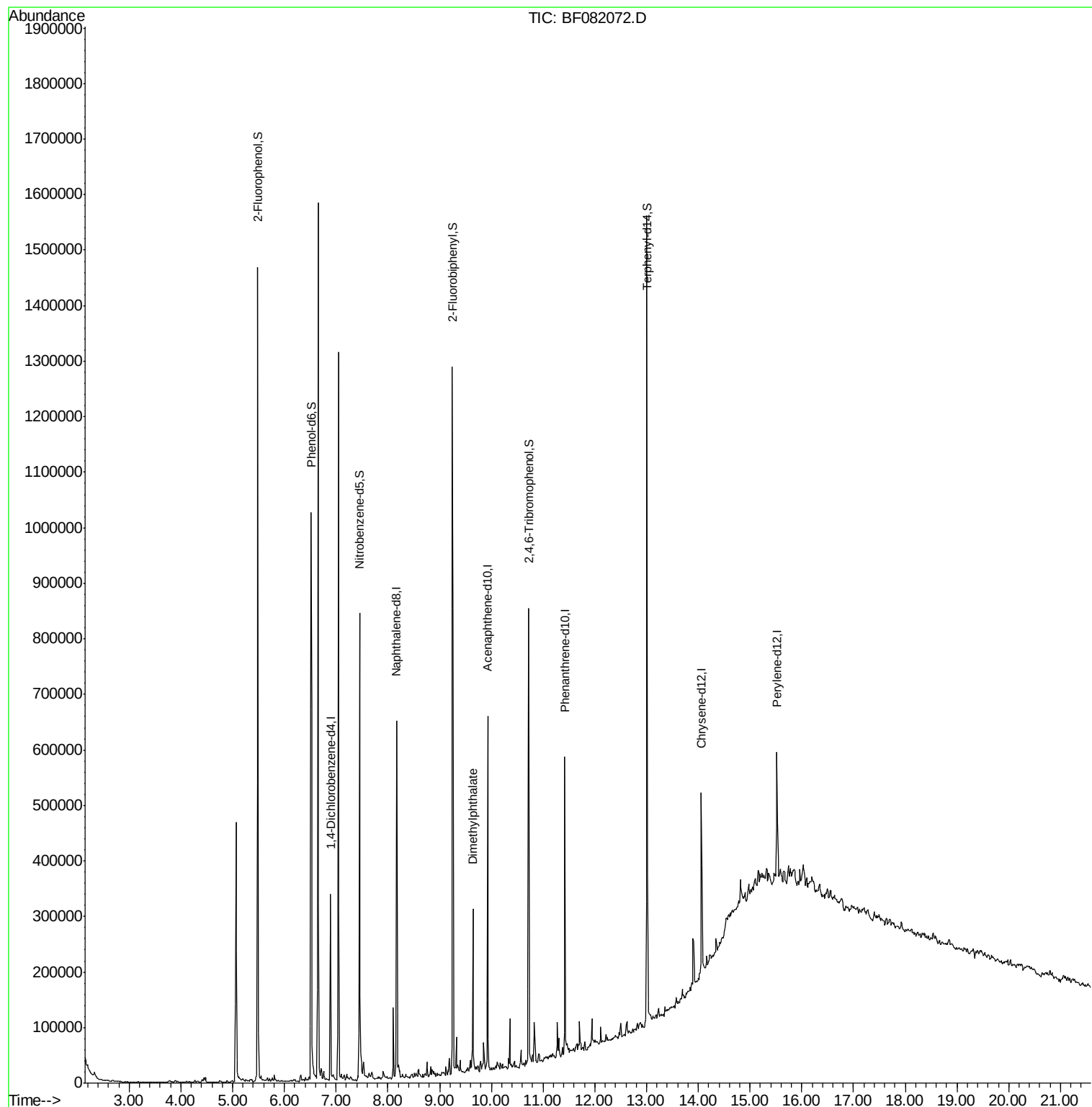
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	78547	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	284844	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	121997	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	207232	20.00	ng	0.00
75) Chrysene-d12	14.06	240	173283	20.00	ng	0.00
86) Perylene-d12	15.52	264	112592	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	430371	99.46	ng	0.01
7) Phenol-d6	6.51	99	503208	92.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	291508	68.22	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	99242	80.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	558901	74.91	ng	0.00
78) Terphenyl-d14	13.01	244	493074	94.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	100535	11.94	ng	Qvalue # 97

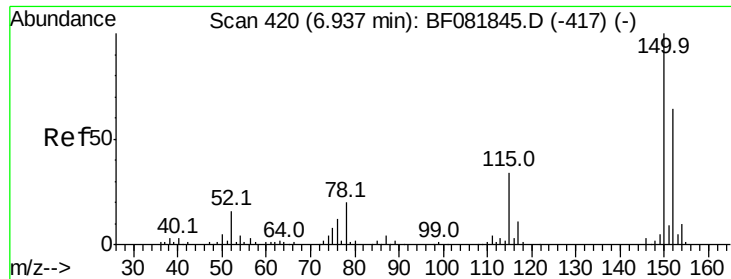
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

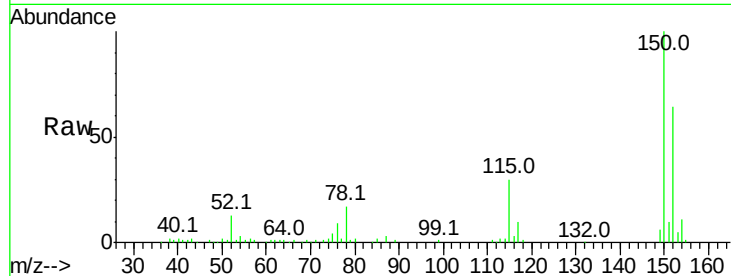
Tot Ion:152 Resp: 78547

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

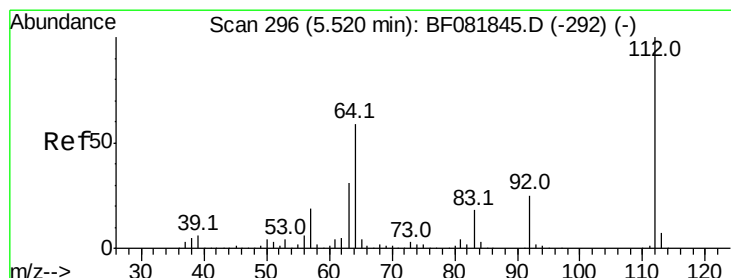
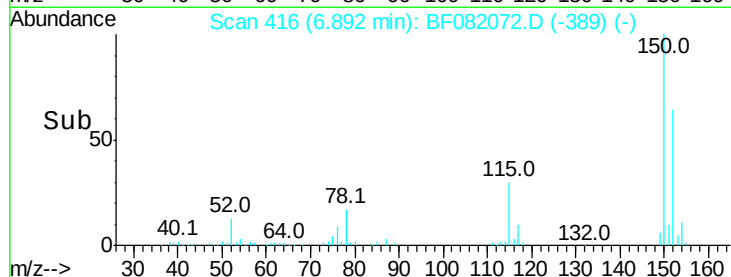
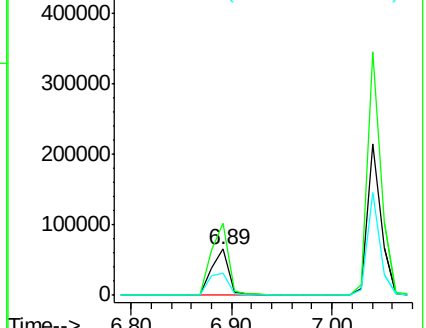
115 47.8 39.0 58.4



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: 99.46 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

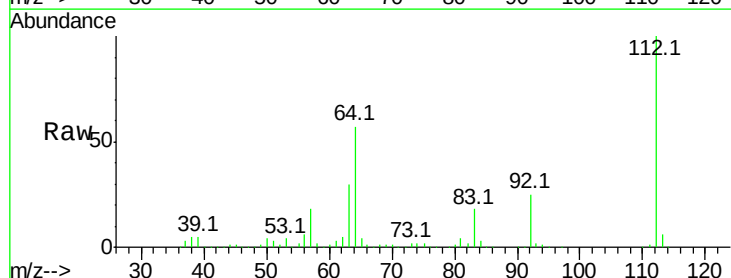
Tgt Ion:112 Resp: 430371

Ion Ratio Lower Upper

112 100

64 57.4 39.7 59.5

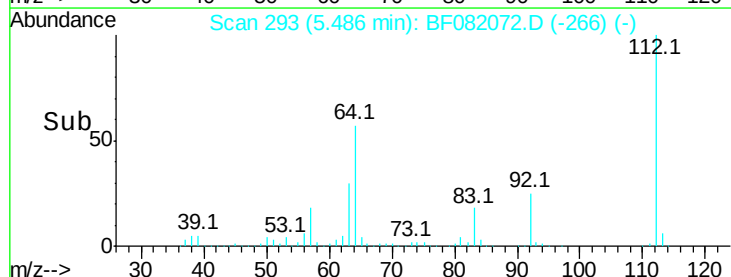
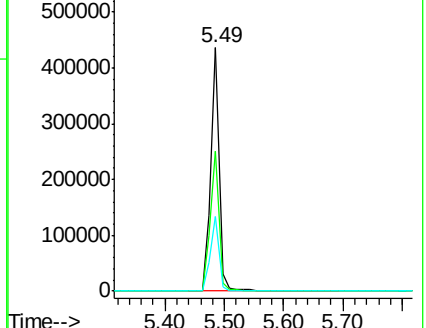
63 30.4 17.4 26.0#

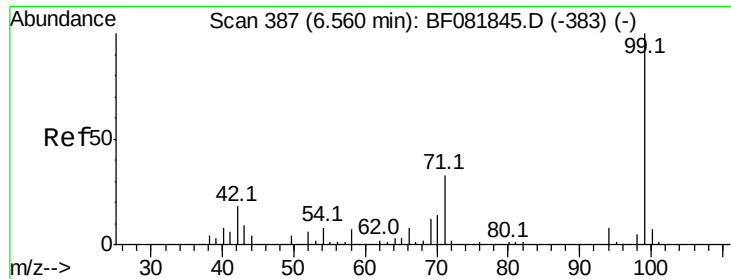


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.42 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

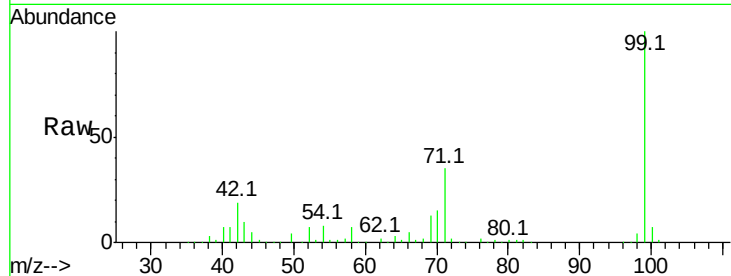
Tot Ion: 99 Resp: 503208

Ion Ratio Lower Upper

99 100

42 19.5 13.7 20.5

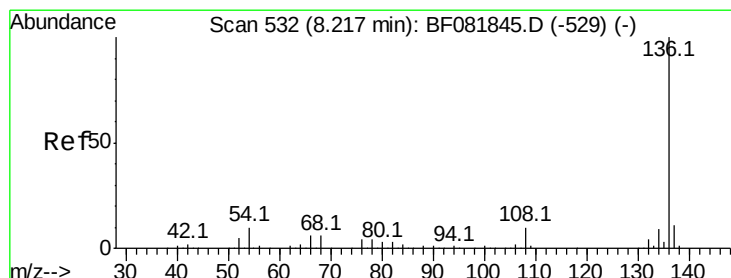
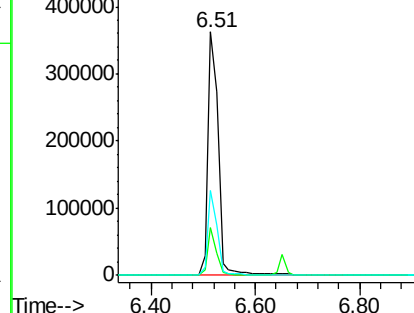
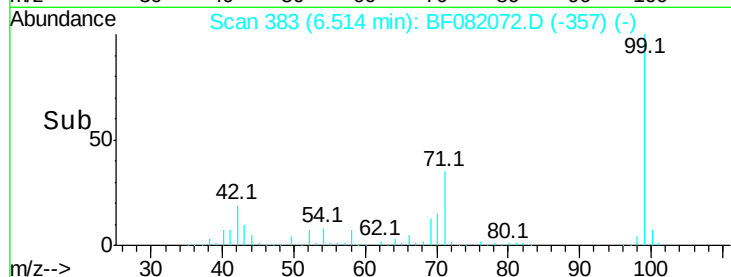
71 34.7 14.2 21.2#



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: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Tgt Ion: 136 Resp: 284844

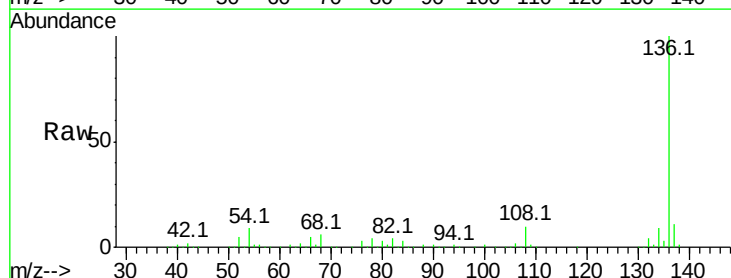
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.9 8.2 12.2

68 5.8 5.8 8.6

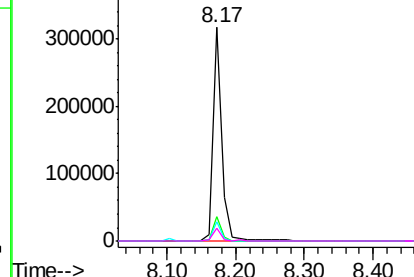
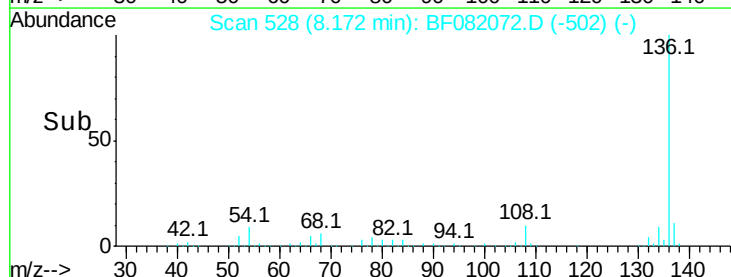


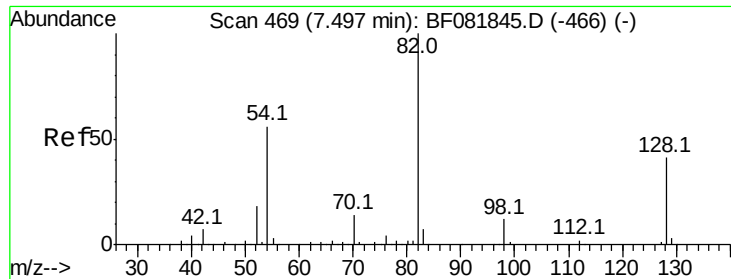
Abundance Ion 136.00 (135.70 to 136.70): E

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

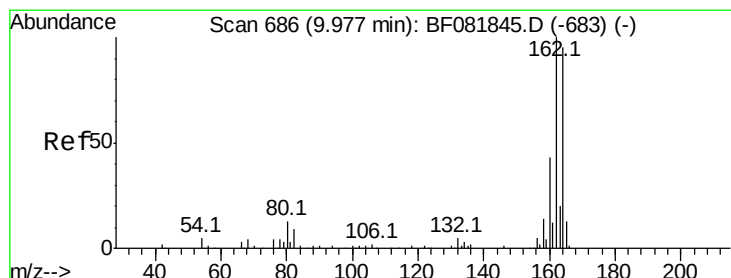
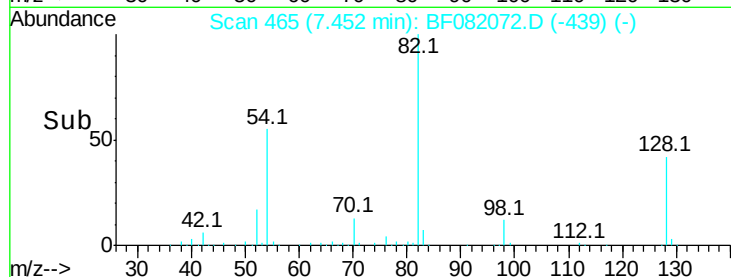
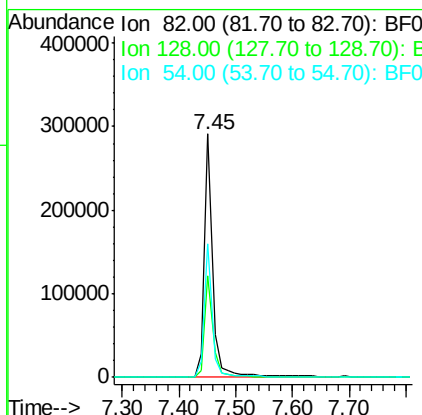
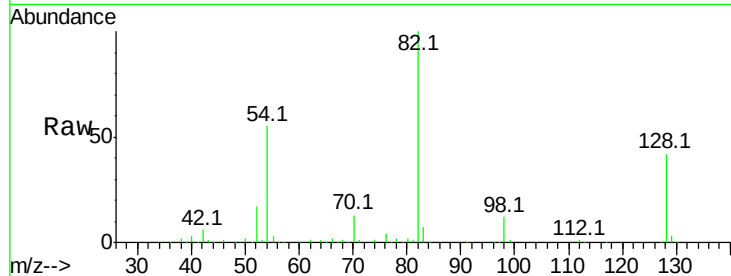




#23
 Nitrobenzene-d5
 Concen: 68.22 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082072.D
 Acq: 6 Oct 2015 5:01

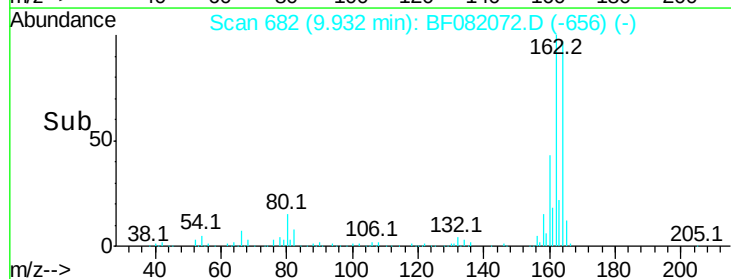
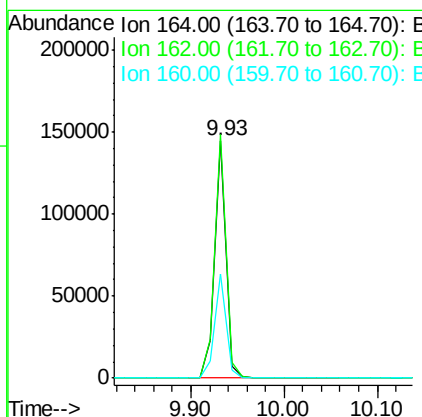
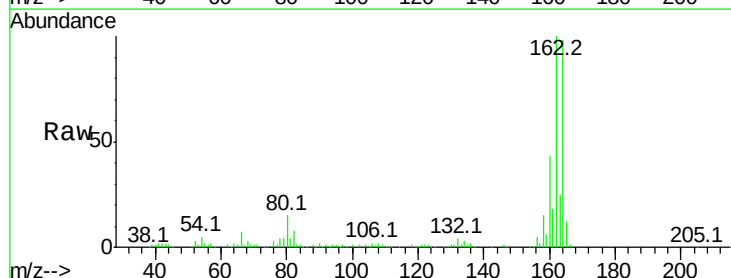
Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-24)

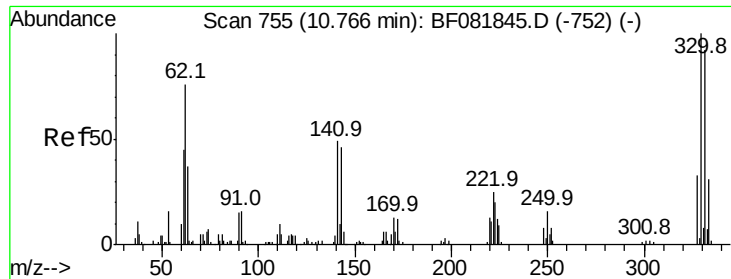
Tot Ion	82	Resp	291508
Ion Ratio	Lower	Upper	
82	100		
128	41.7	51.0	76.6#
54	54.6	47.5	71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082072.D
 Acq: 6 Oct 2015 5:01

Tgt Ion	164	Resp	121997
Ion Ratio	Lower	Upper	
164	100		
162	102.5	75.2	112.8
160	44.0	31.5	47.3

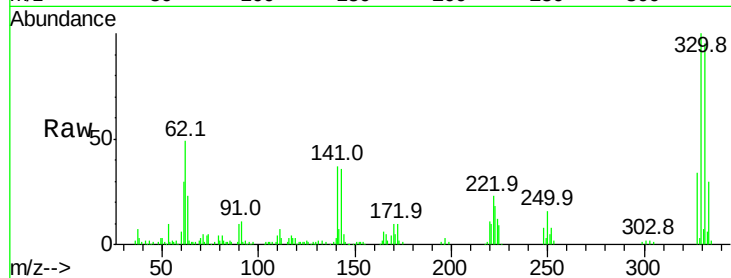




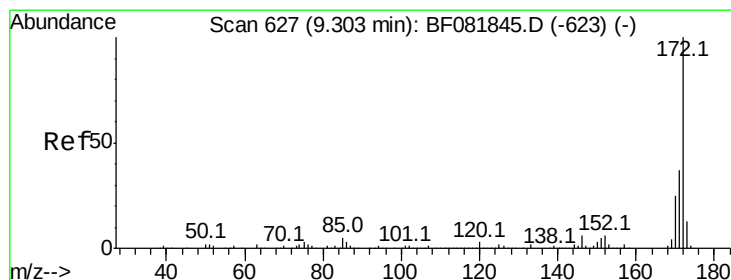
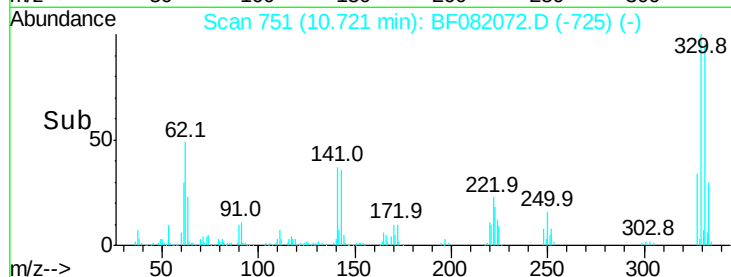
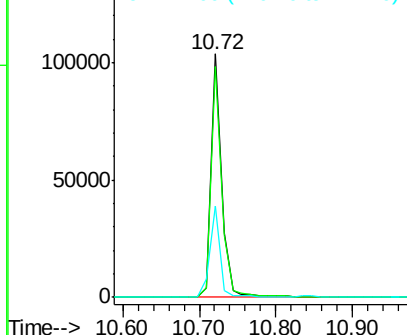
#41
 2,4,6-Tribromophenol
 Concen: 80.32 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082072.D
 Acq: 6 Oct 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-24)

Tot Ion:330 Resp: 99242
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 37.6 29.7 44.5

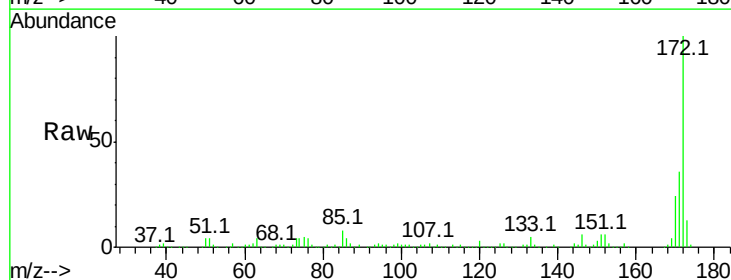


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

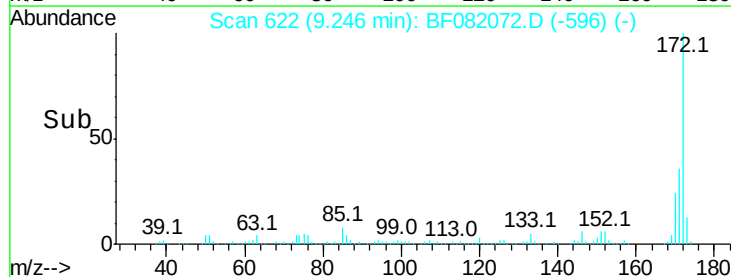
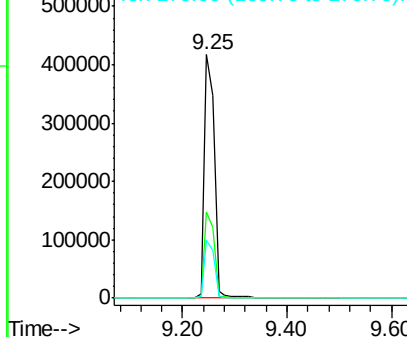


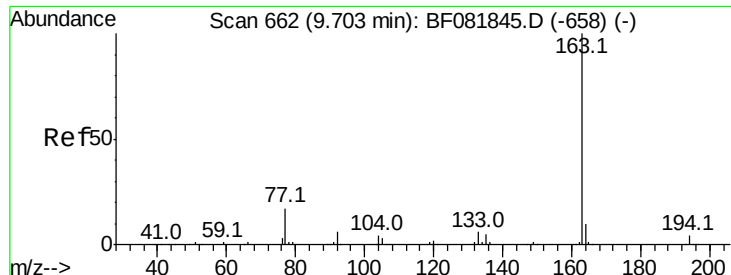
#44
 2-Fluorobiphenyl
 Concen: 74.91 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082072.D
 Acq: 6 Oct 2015 5:01

Tgt Ion:172 Resp: 558901
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.6 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





#49

Dimethylphthalate

Concen: 11.94 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

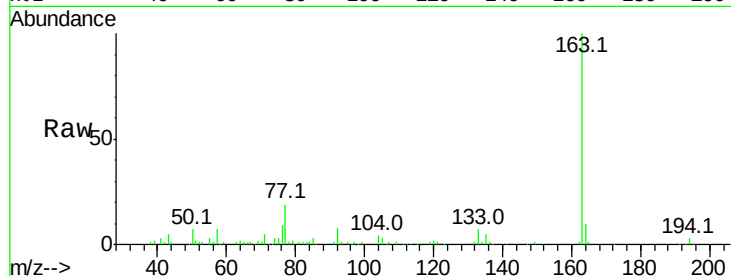
Tot Ion:163 Resp: 100535

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

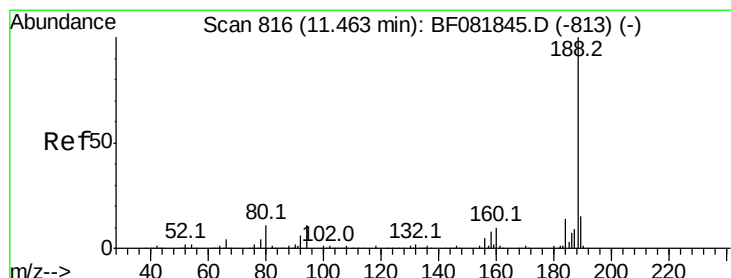
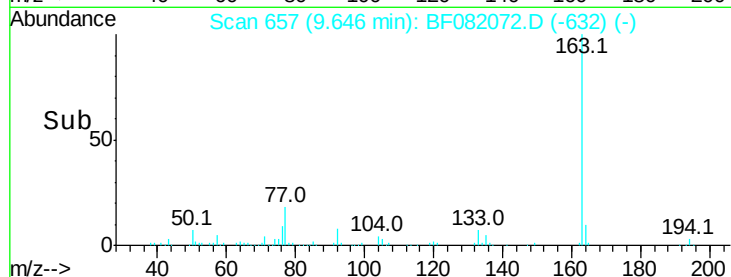
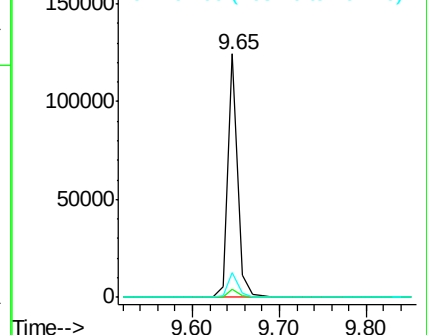
164 10.1 8.3 12.5



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: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

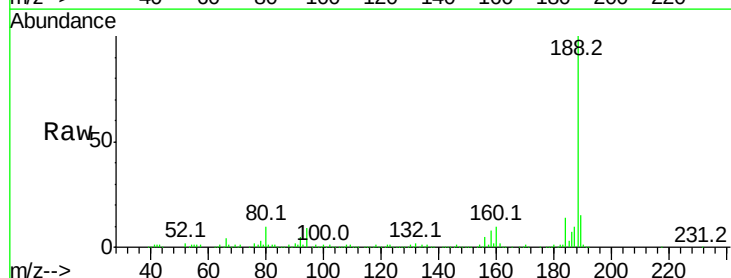
Tgt Ion:188 Resp: 207232

Ion Ratio Lower Upper

188 100

94 9.0 11.1 16.7#

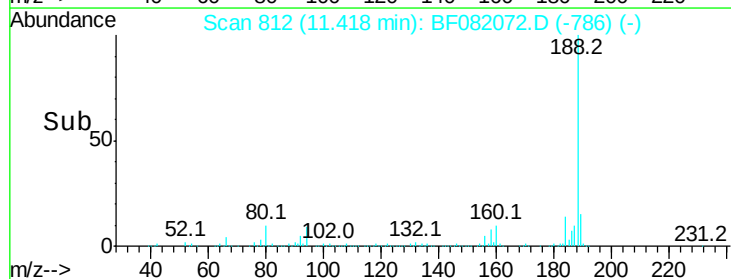
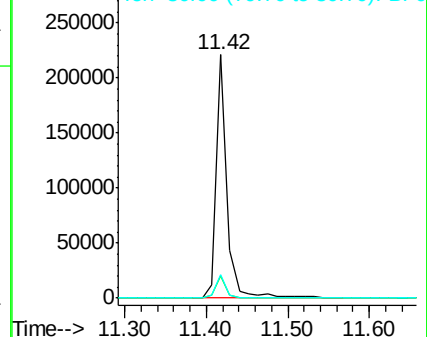
80 9.8 11.0 16.4#

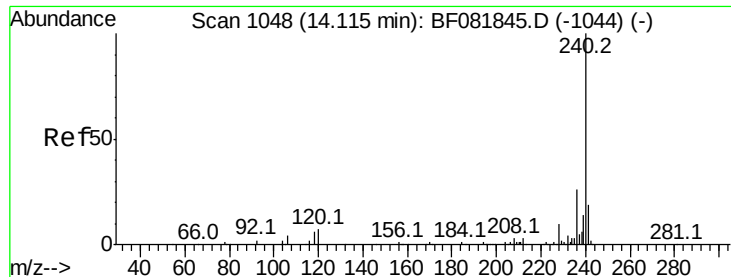


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

Instrument :

BNA_F

ClientSampleId :

SS-4(0-24)

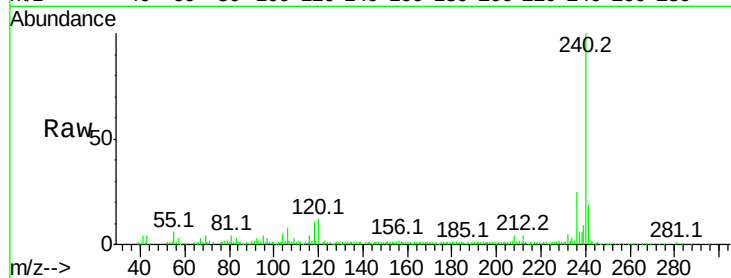
Tot Ion:240 Resp: 173283

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

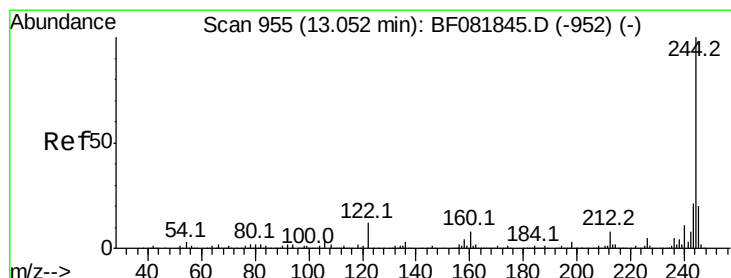
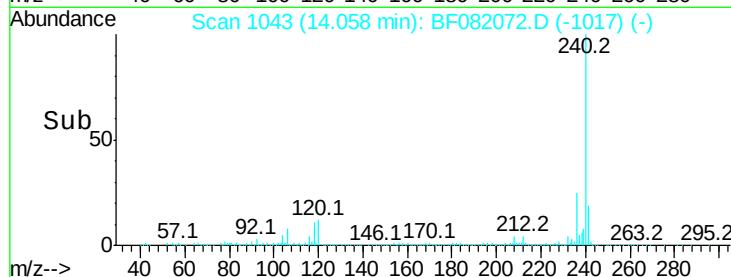
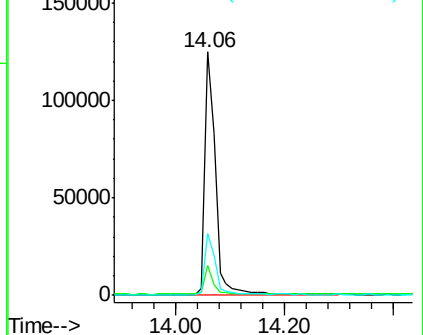
236 25.3 18.4 27.6



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: 94.95 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082072.D

Acq: 6 Oct 2015 5:01

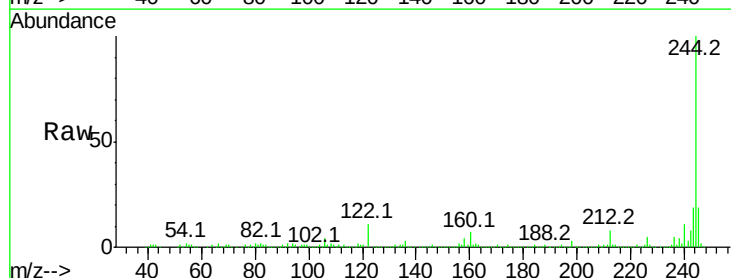
Tgt Ion:244 Resp: 493074

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

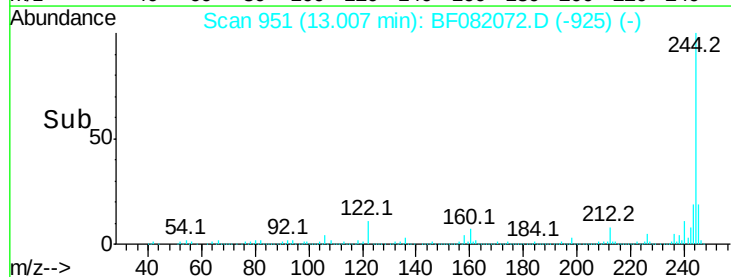
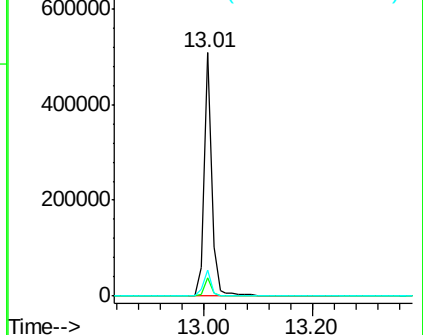
122 10.9 17.4 26.2#

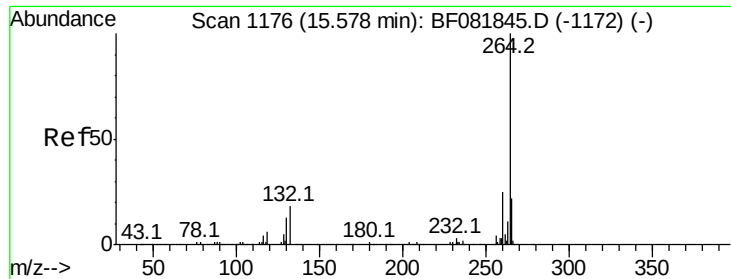


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

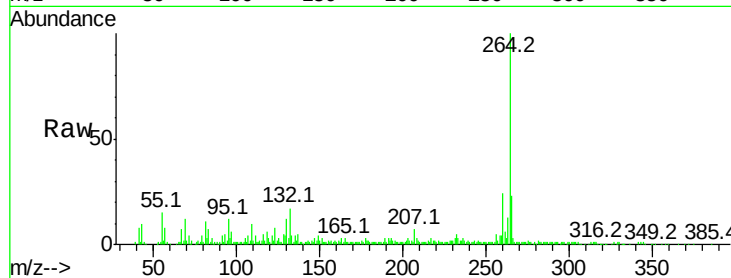




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF082072.D
 Acq: 6 Oct 2015 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-4(0-24)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	22.8	17.2	25.8



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

