

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081966.D
 Acq On : 2 Oct 2015 4:45
 Operator : UM/IZ
 Sample : G3875-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

Quant Time: Oct 02 09:04:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	106226	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	423791	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	200293	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	434922	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	354364	20.00	ng	-0.06
86) Perylene-d12	15.50	264	98831	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	670531	114.59	ng	-0.02
7) Phenol-d6	6.53	99	830414	112.78	ng	-0.03
23) Nitrobenzene-d5	7.46	82	614171	96.61	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	279816	137.94	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1192286	104.10	ng	-0.05
78) Terphenyl-d14	13.01	244	1199336	125.14	ng	-0.05

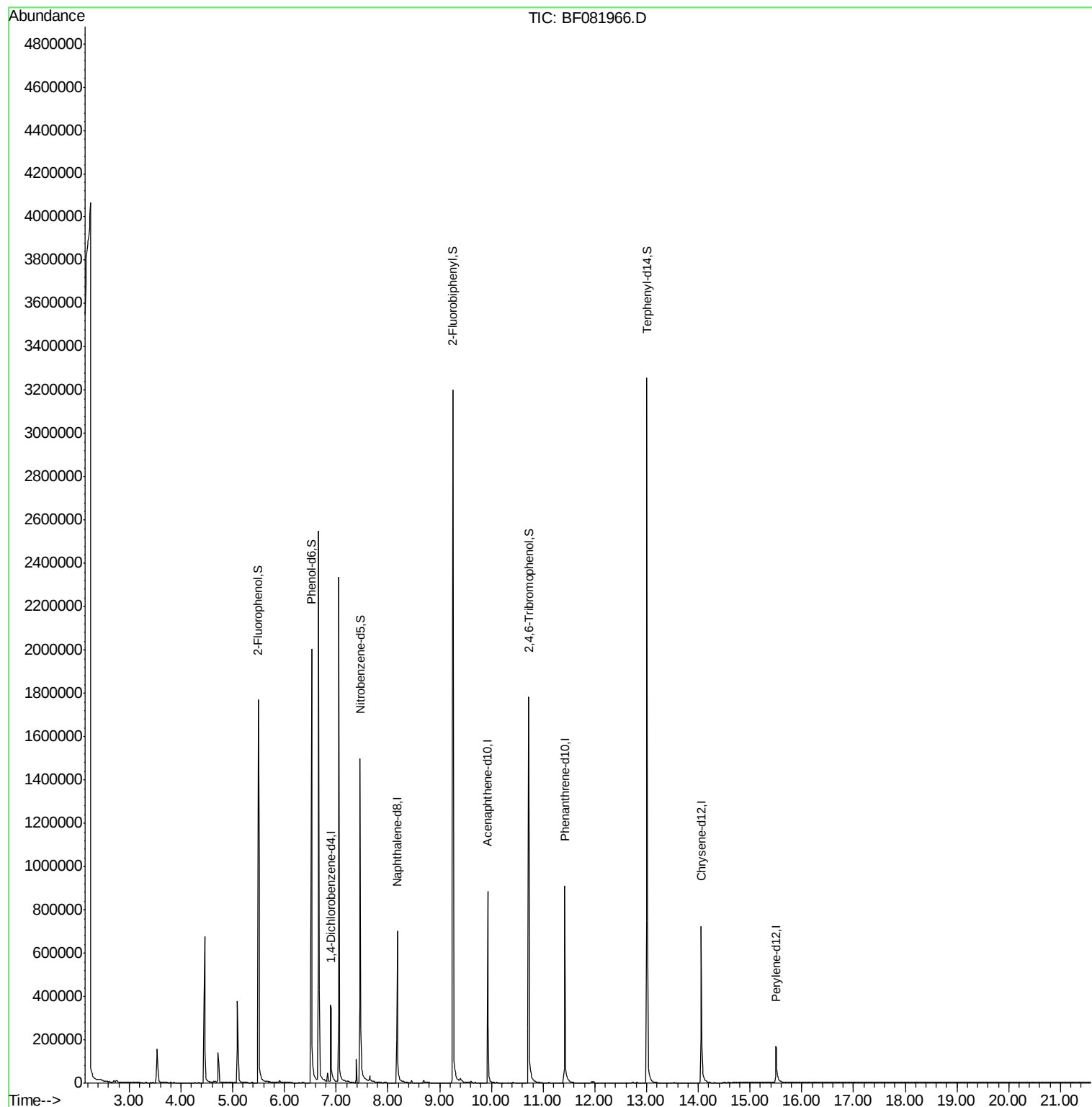
Target Compounds	Qvalue
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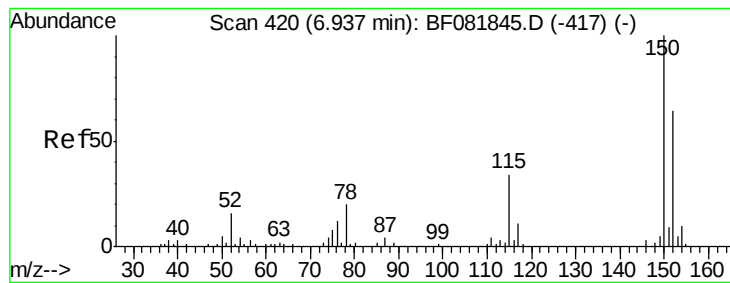
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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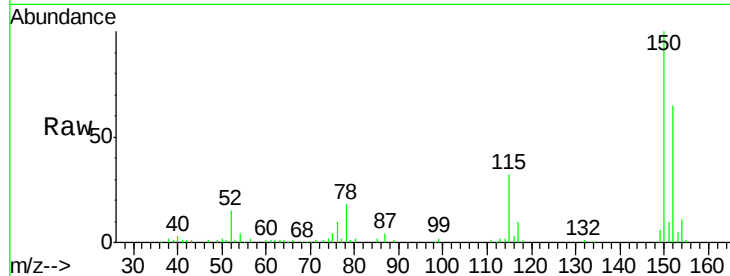


#1

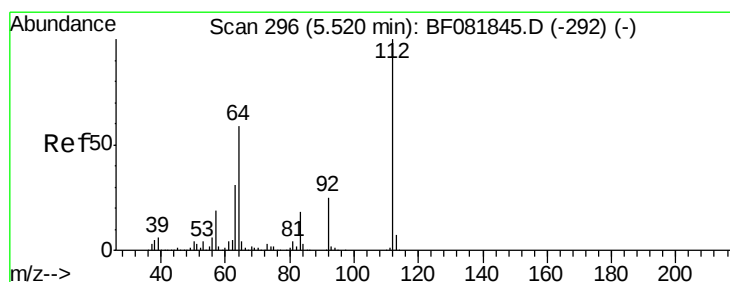
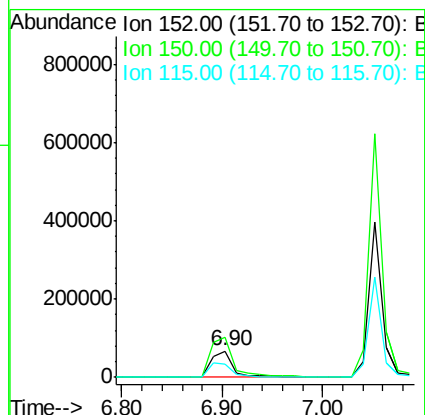
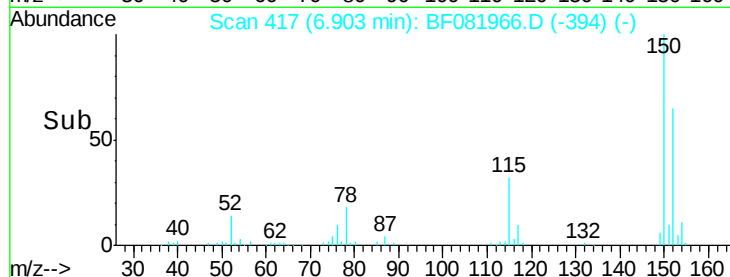
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.03 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

Tgt Ion:152 Resp: 106226
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.7 187.1
 115 48.3 39.0 58.4



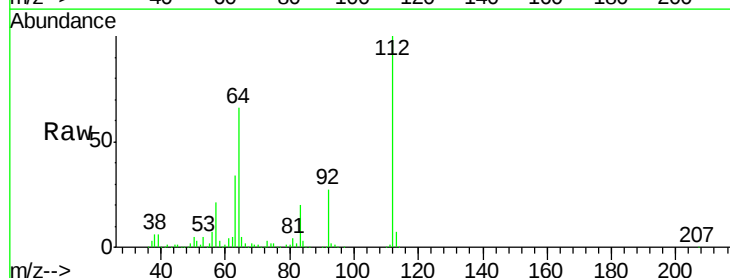
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



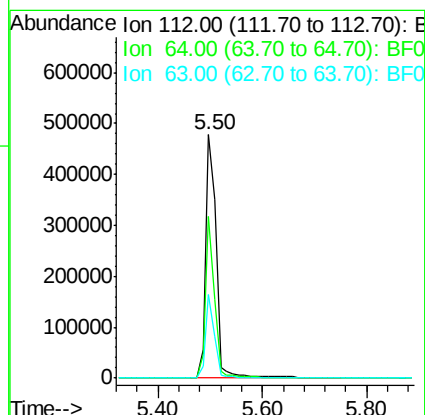
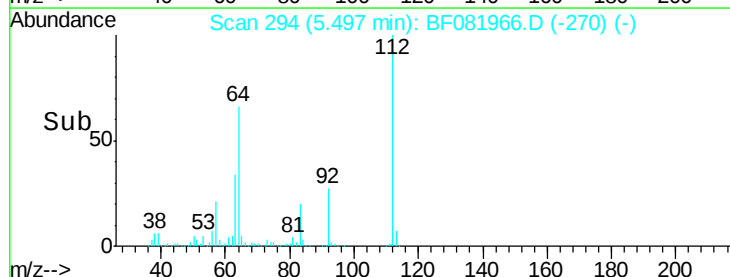
#5

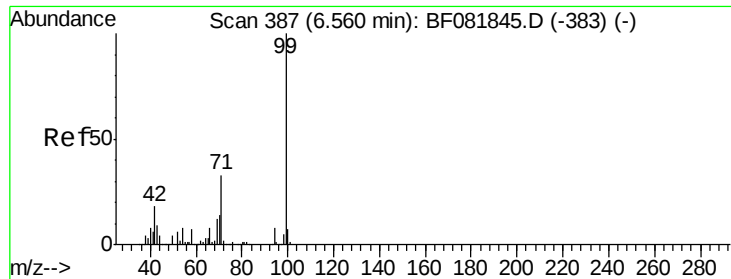
2-Fluorophenol
 Concen: 114.59 ng
 RT: 5.50 min Scan# 294
 Delta R.T. -0.02 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Tgt Ion:112 Resp: 670531
 Ion Ratio Lower Upper
 112 100
 64 66.2 39.7 59.5#
 63 34.4 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: 112.78 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

Instrument :

BNA_F

ClientSampleId :

A5-COMP

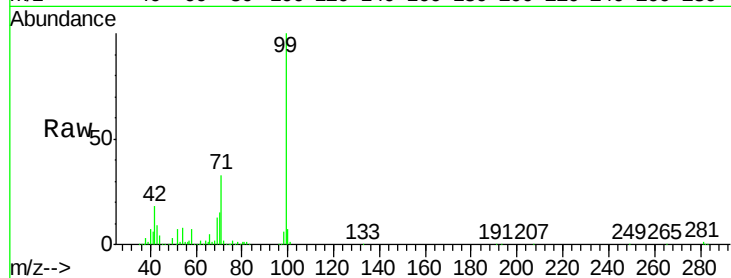
Tgt Ion: 99 Resp: 830414

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

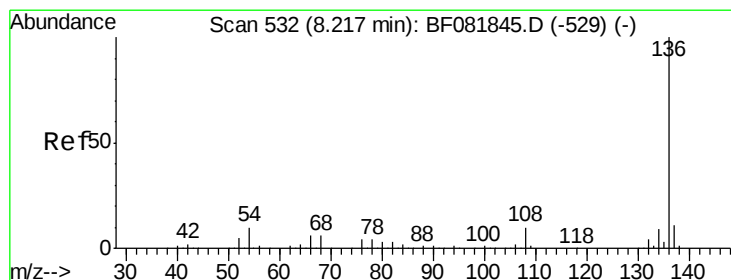
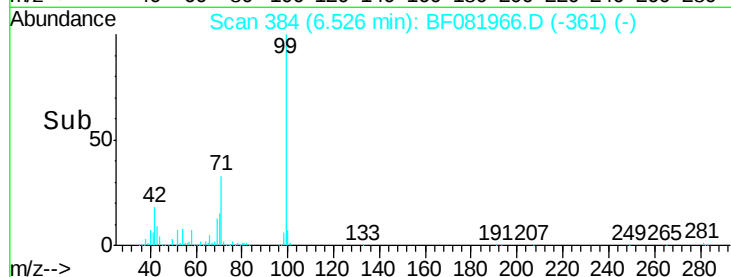
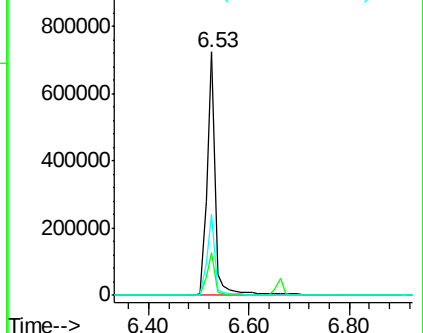
71 33.4 14.2 21.2#



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: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

Tgt Ion: 136 Resp: 423791

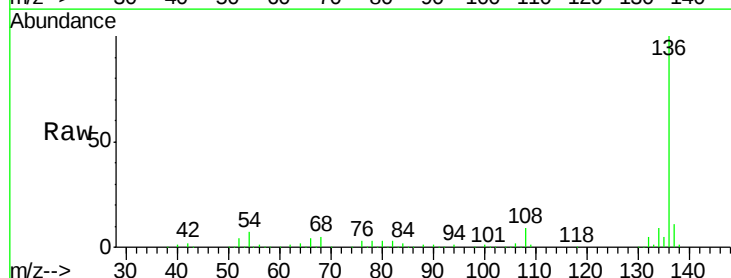
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.2 8.2 12.2#

68 4.8 5.8 8.6#

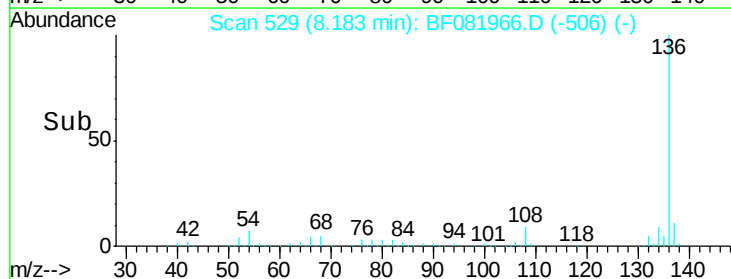
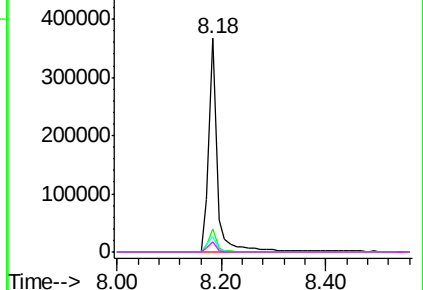


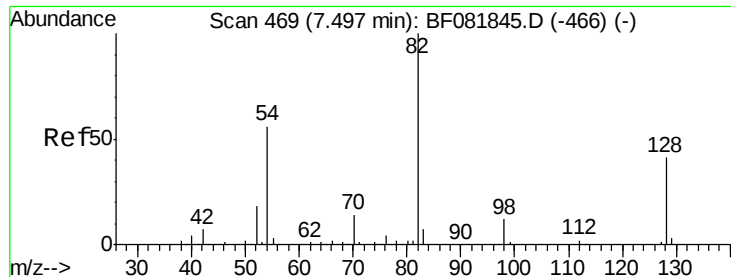
Abundance Ion 136.00 (135.70 to 136.70): E

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

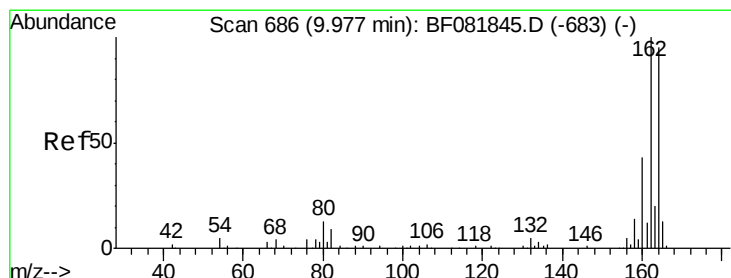
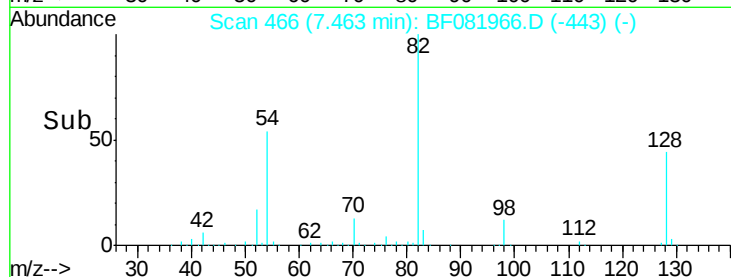
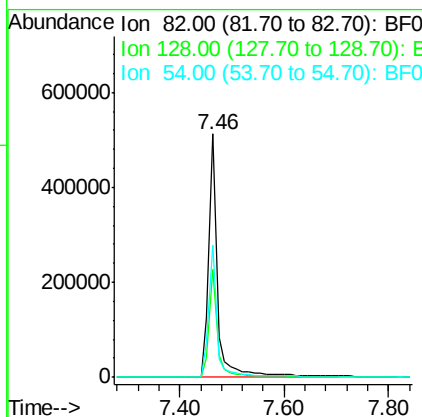
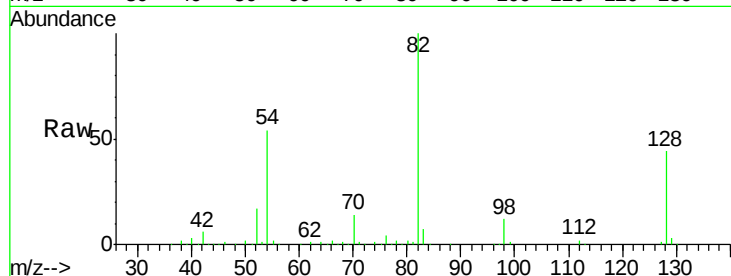




#23
 Nitrobenzene-d5
 Concen: 96.61 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

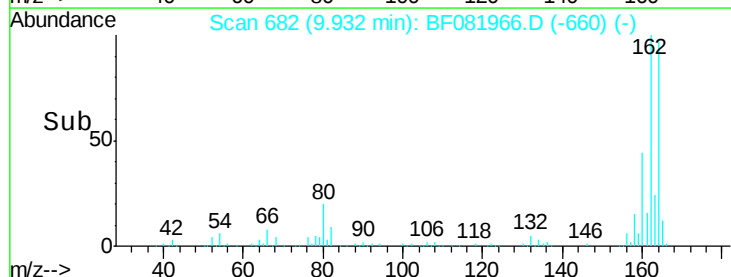
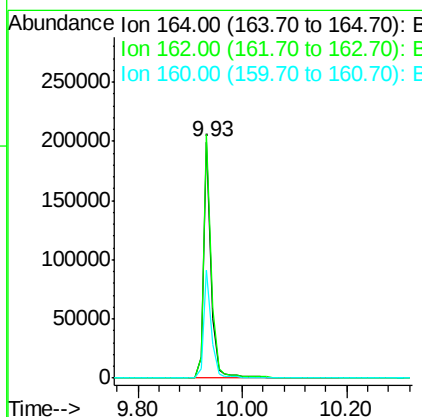
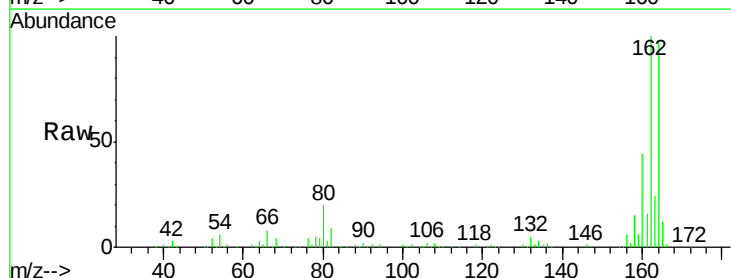
Instrument :
 BNA_F
 ClientSampleId :
 A5-COMP

Tgt Ion: 82 Resp: 614171
 Ion Ratio Lower Upper
 82 100
 128 44.4 51.0 76.6#
 54 54.1 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Tgt Ion: 164 Resp: 200293
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 45.6 31.5 47.3

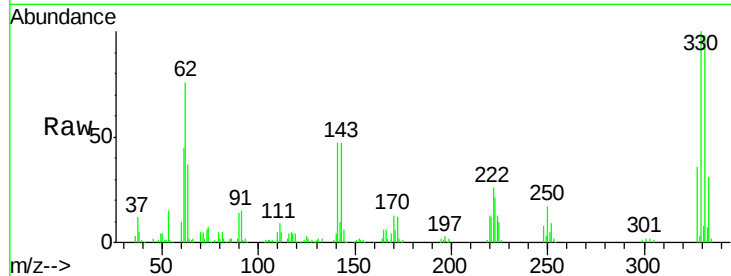




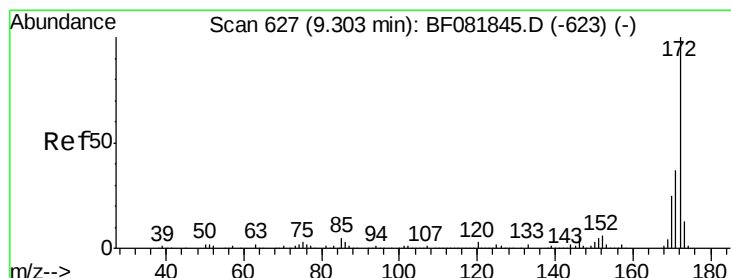
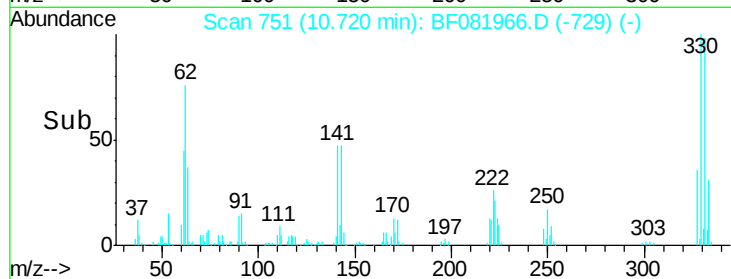
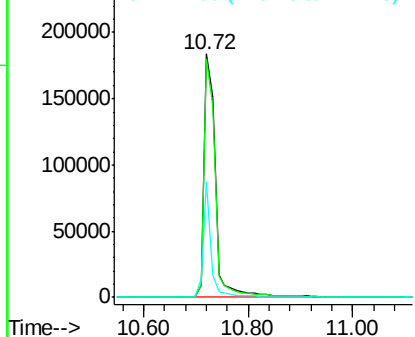
#41
 2,4,6-Tribromophenol
 Concen: 137.94 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Instrument :
 BNA_F
 ClientSampled :
 A5-COMP

Tgt Ion:330 Resp: 279816
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 33.3 29.7 44.5

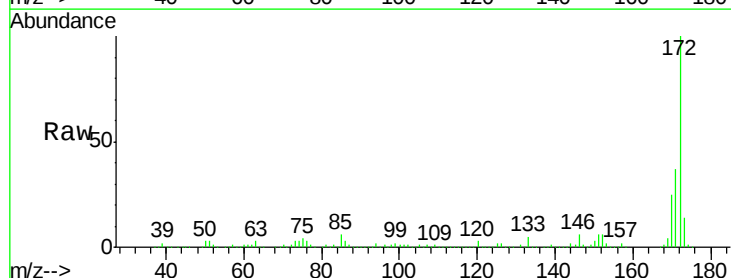


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

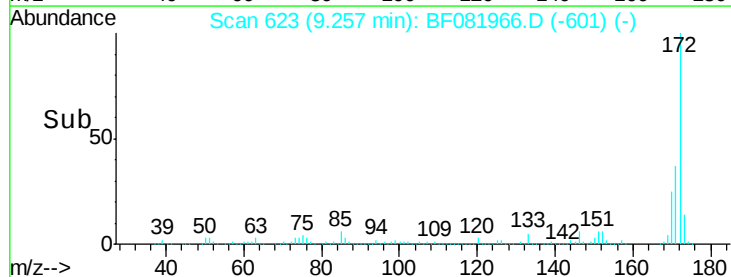
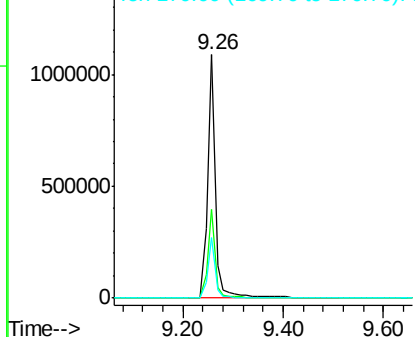


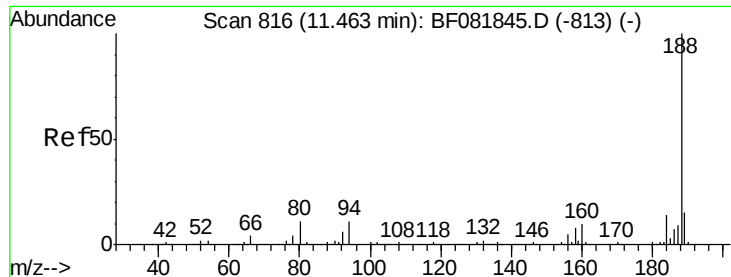
#44
 2-Fluorobiphenyl
 Concen: 104.10 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081966.D
 Acq: 2 Oct 2015 4:45

Tgt Ion:172 Resp: 1192286
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.9 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

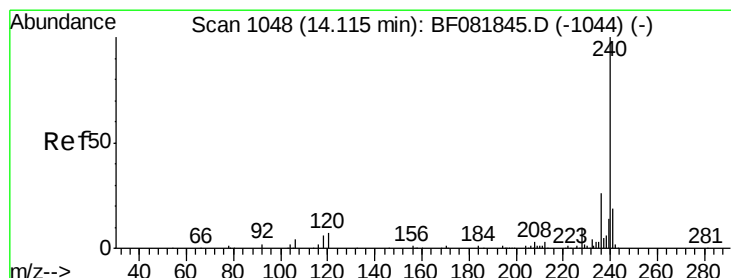
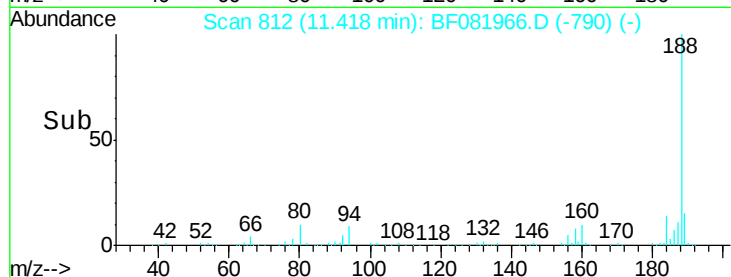
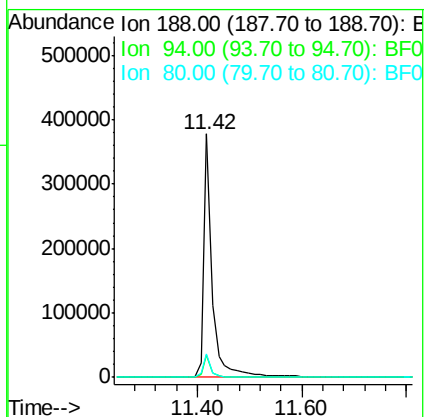
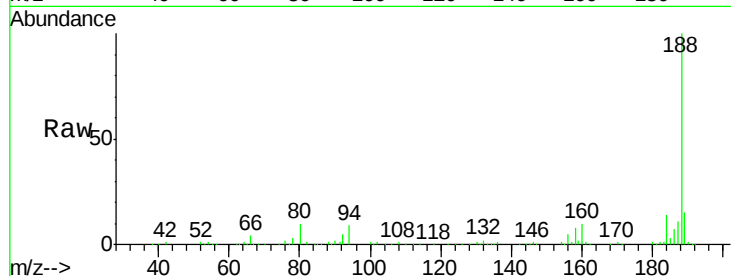




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

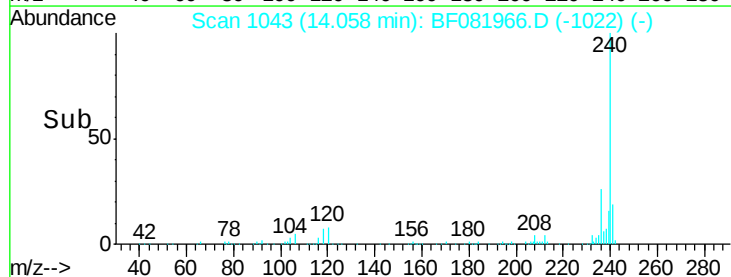
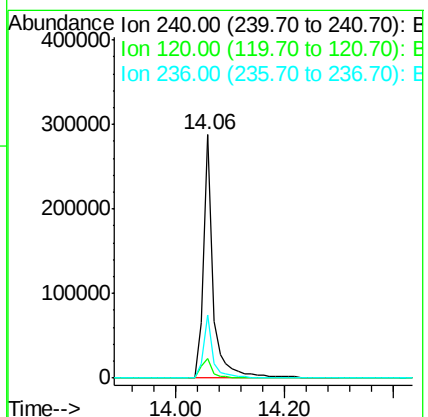
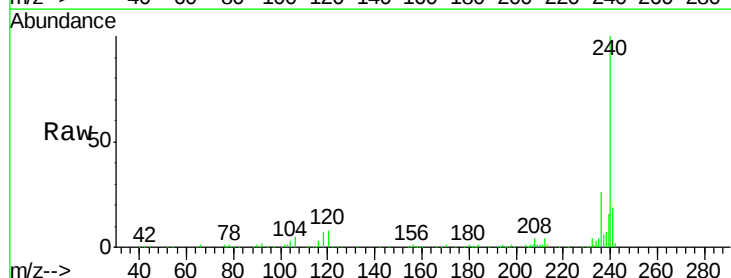
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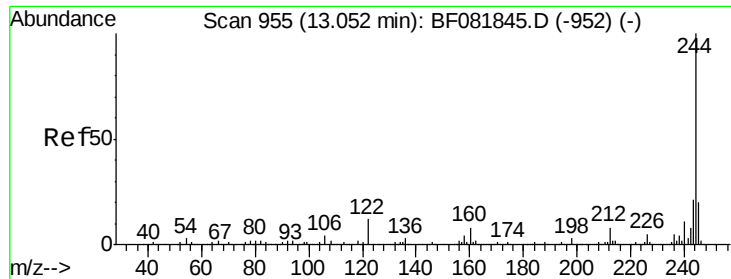
Tgt Ion:188 Resp: 434922
Ion Ratio Lower Upper
188 100
94 9.1 11.1 16.7#
80 9.6 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081966.D
Acq: 2 Oct 2015 4:45

Tgt Ion:240 Resp: 354364
Ion Ratio Lower Upper
240 100
120 8.2 16.2 24.2#
236 25.8 18.4 27.6





#78

Terphenyl-d14

Concen: 125.14 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

Instrument :

BNA_F

ClientSampleId :

A5-COMP

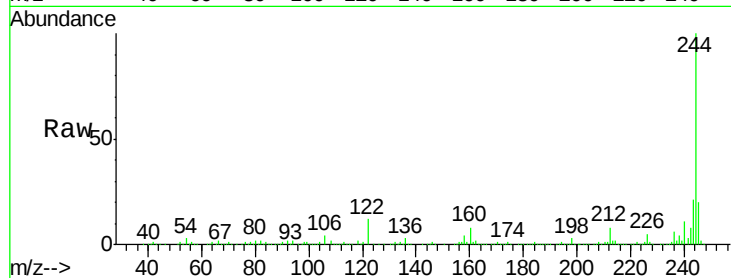
Tgt Ion:244 Resp: 1199336

Ion Ratio Lower Upper

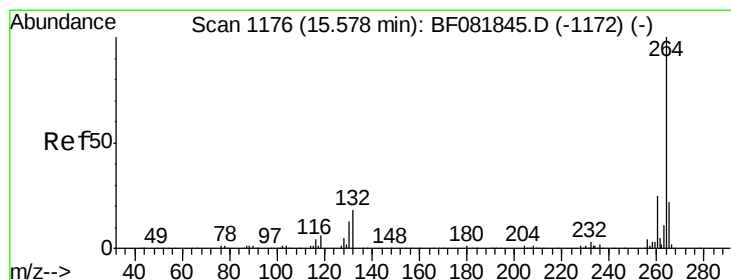
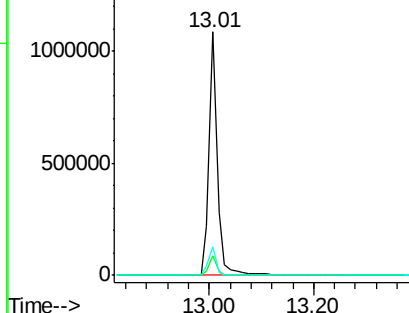
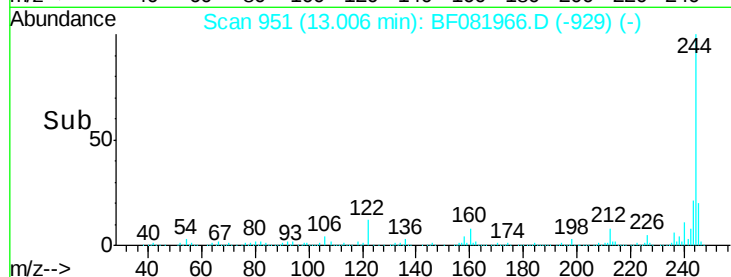
244 100

212 7.9 4.3 6.5#

122 11.6 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

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1169

Delta R.T. -0.08 min

Lab File: BF081966.D

Acq: 2 Oct 2015 4:45

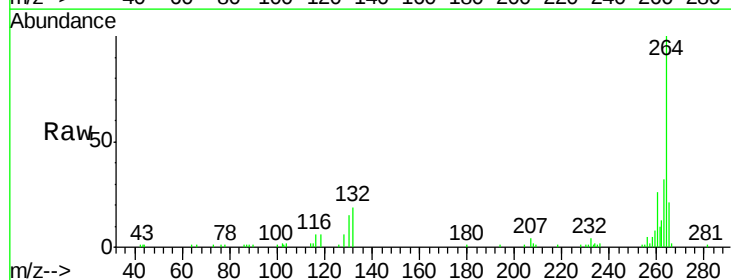
Tgt Ion:264 Resp: 98831

Ion Ratio Lower Upper

264 100

260 26.2 16.7 25.1#

265 20.6 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

