

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082395.D
 Acq On : 20 Oct 2015 11:15
 Operator : UM/IZ
 Sample : G4040-03RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-05RE

Quant Time: Oct 20 13:56:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

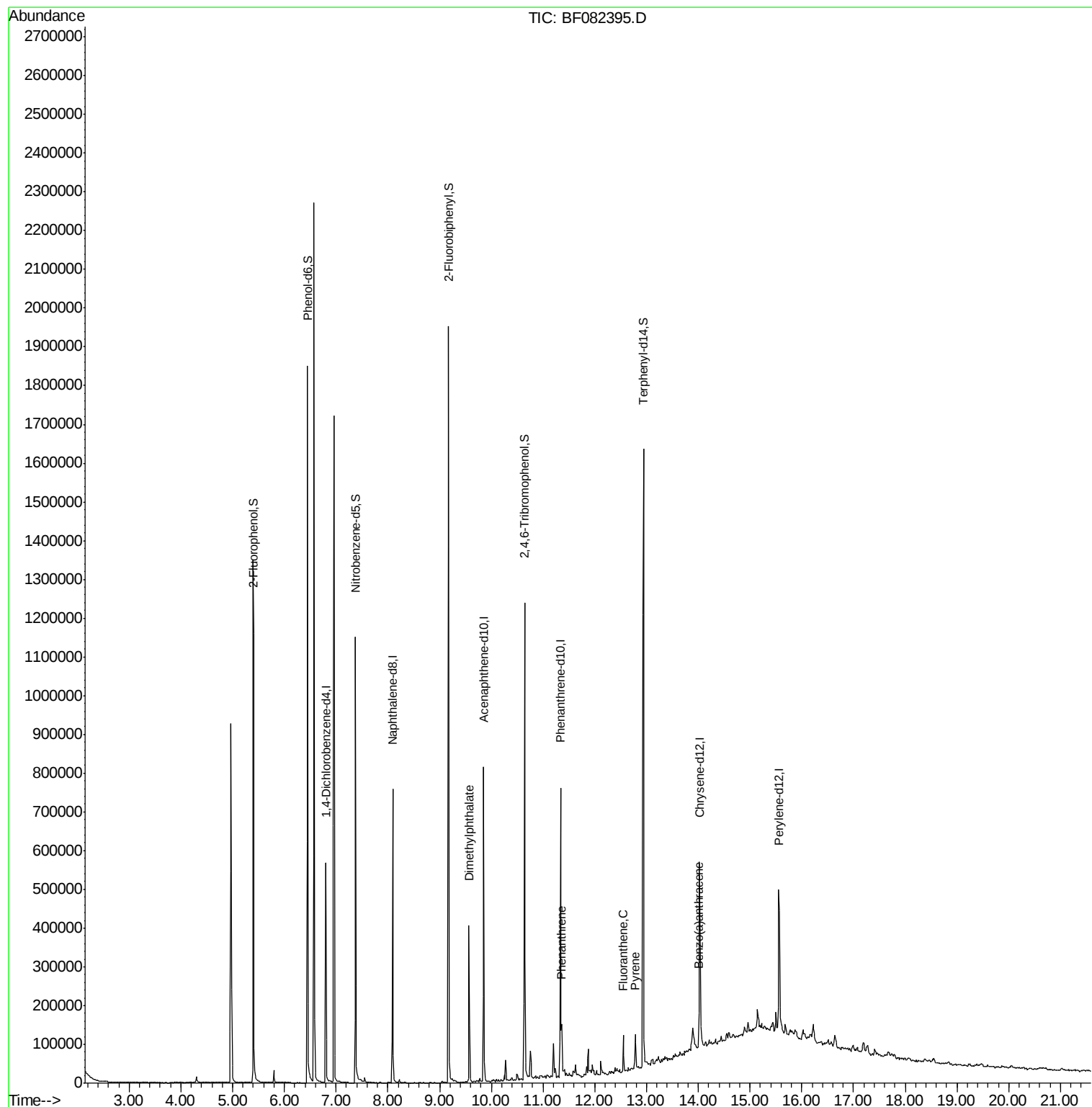
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91111	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	351454	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	169608	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	289536	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	218136	20.00	ng	0.01
86) Perylene-d12	15.56	264	207916	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	558747	123.77	ng	-0.02
7) Phenol-d6	6.45	99	698659	118.93	ng	-0.03
23) Nitrobenzene-d5	7.37	82	414923	79.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	138460	87.05	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	881020	86.14	ng	-0.03
78) Terphenyl-d14	12.94	244	697878	84.78	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	190373	15.94	ng	99
70) Phenanthrene	11.36	178	46378	3.27	ng	97
74) Fluoranthene	12.55	202	47922	3.14	ng	97
77) Pyrene	12.78	202	54854	4.24	ng	96
80) Benzo(a)anthracene	14.01	228	23126	2.04	ng	96

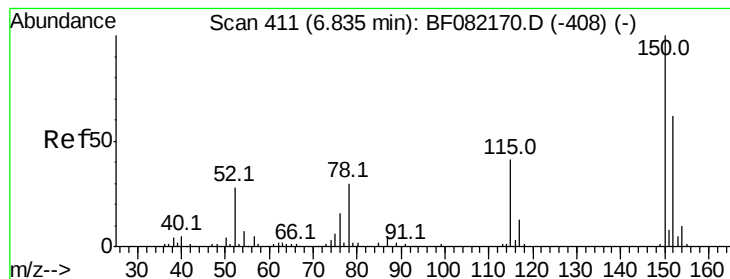
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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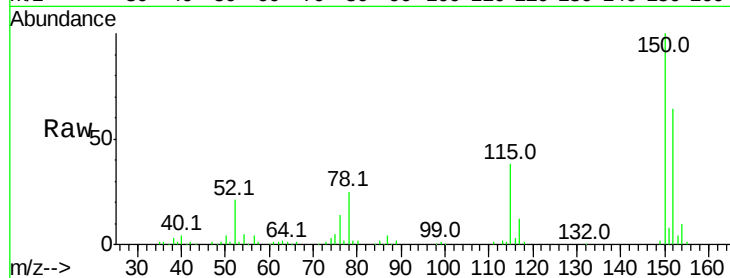


#1

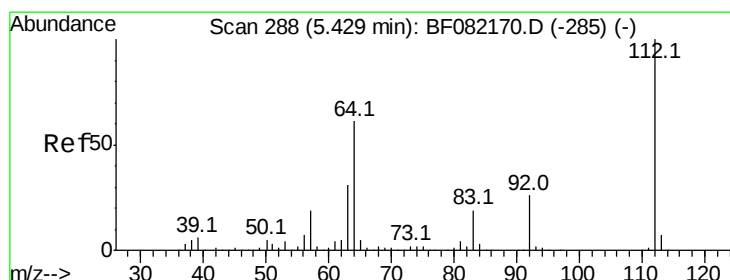
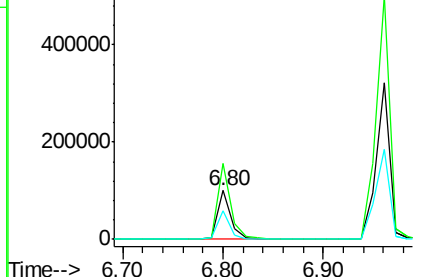
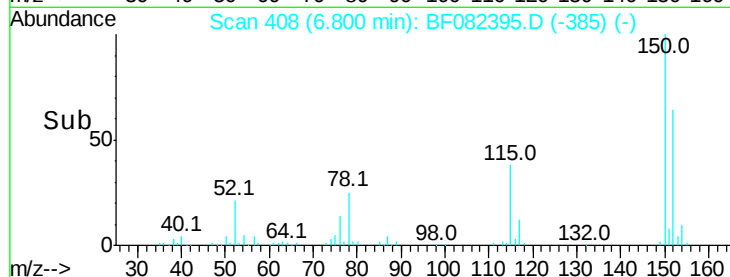
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF082395.D
Acq: 20 Oct 2015 11:15

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-05RE

Tot Ion:152 Resp: 91111
Ion Ratio Lower Upper
152 100
150 155.8 129.0 193.4
115 58.7 52.1 78.1



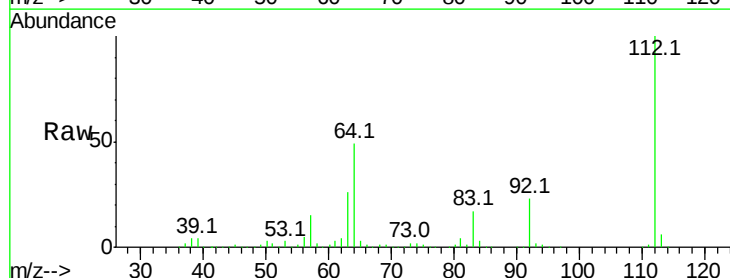
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



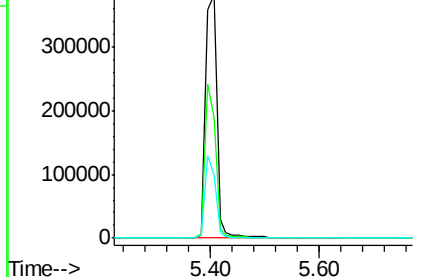
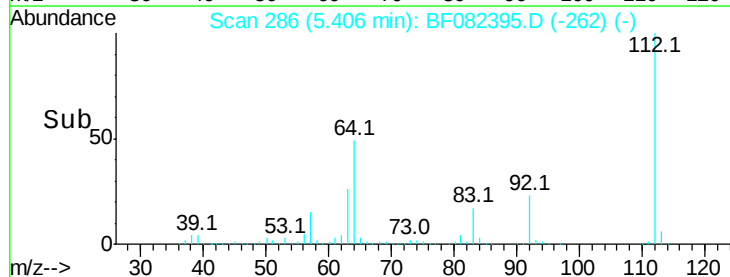
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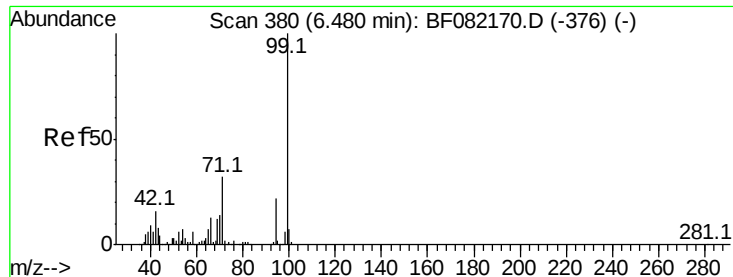
2-Fluorophenol
Concen: 123.77 ng
RT: 5.41 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF082395.D
Acq: 20 Oct 2015 11:15

Tgt Ion:112 Resp: 558747
Ion Ratio Lower Upper
112 100
64 49.4 48.6 73.0
63 25.7 25.1 37.7



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: 118.93 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF082395.D

Acq: 20 Oct 2015 11:15

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05RE

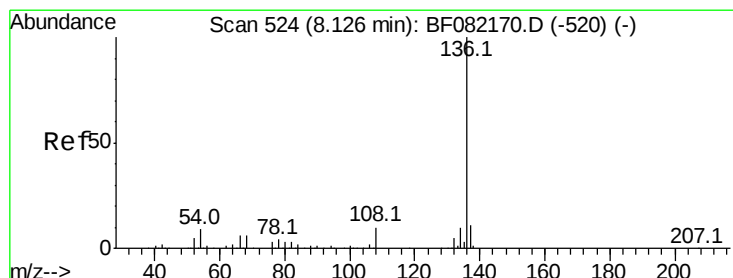
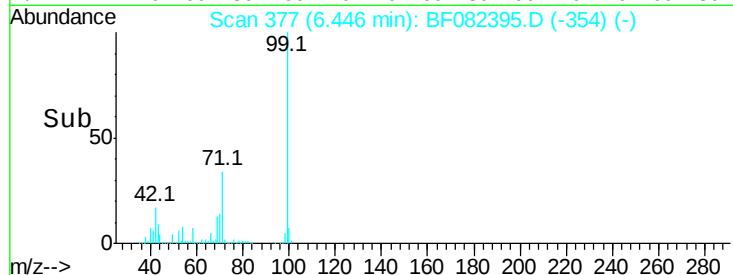
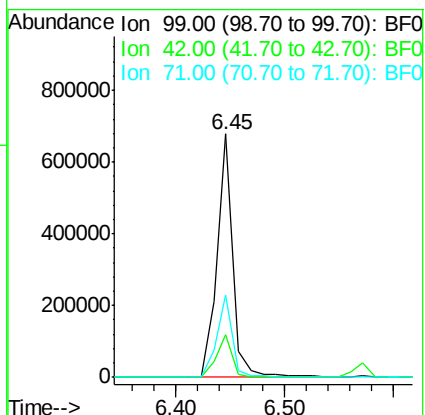
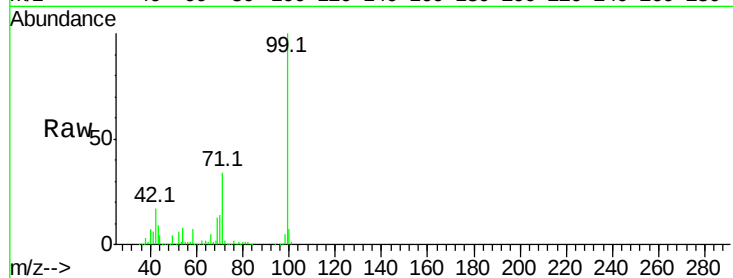
Tot Ion: 99 Resp: 698659

Ion Ratio Lower Upper

99 100

42 17.4 13.2 19.8

71 33.9 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF082395.D

Acq: 20 Oct 2015 11:15

Tgt Ion: 136 Resp: 351454

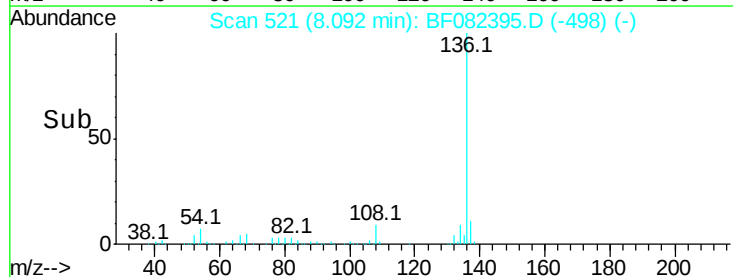
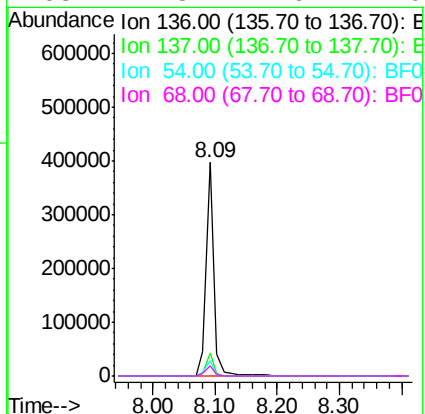
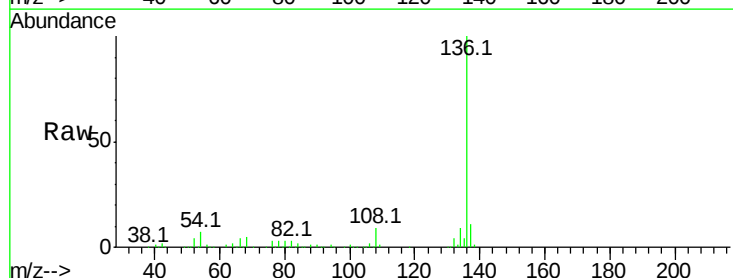
Ion Ratio Lower Upper

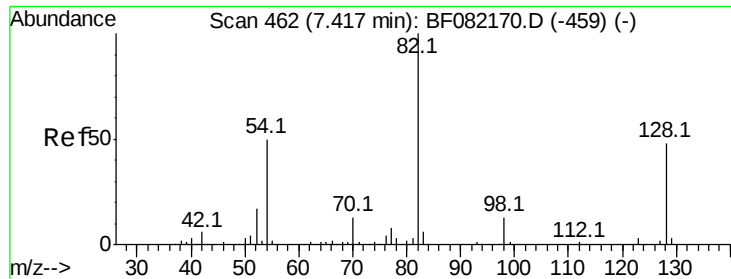
136 100

137 10.5 9.0 13.6

54 7.1 7.5 11.3#

68 4.8 4.6 7.0

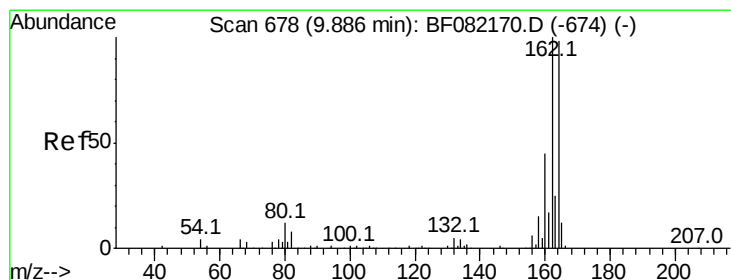
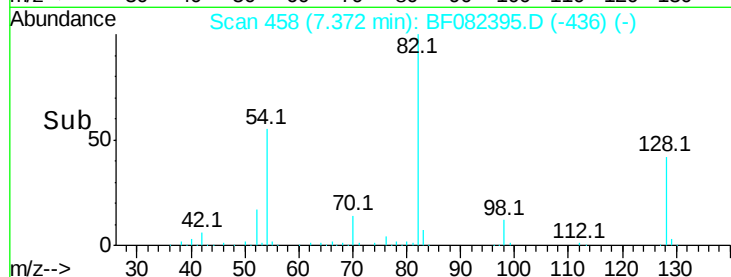
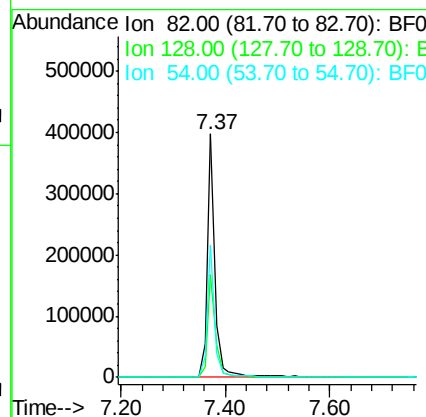
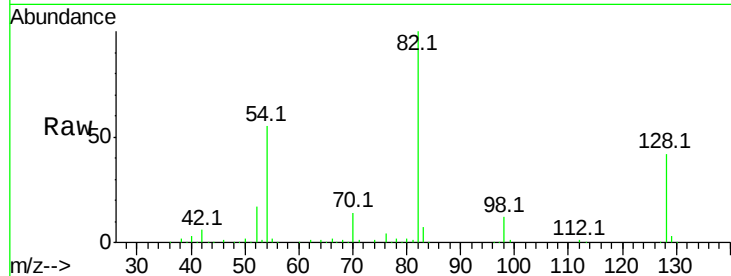




#23
 Nitrobenzene-d5
 Concen: 79.28 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF082395.D
 Acq: 20 Oct 2015 11:15

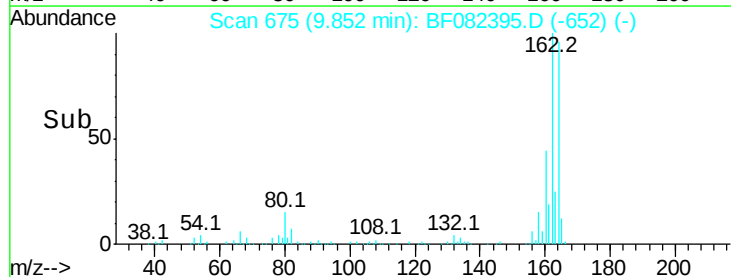
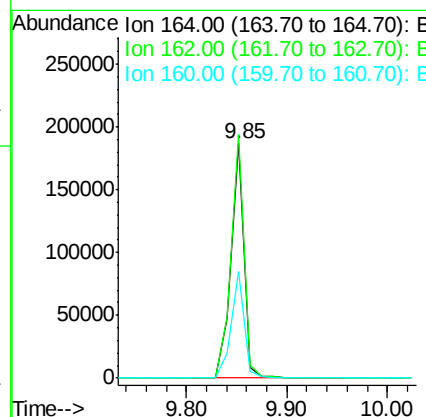
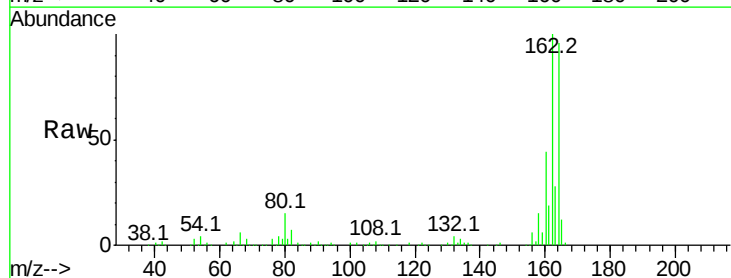
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-05RE

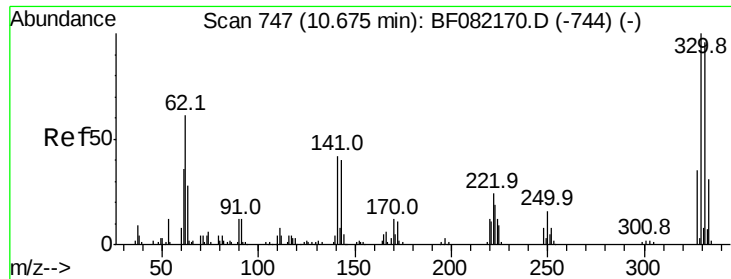
Tot Ion: 82 Resp: 414923
 Ion Ratio Lower Upper
 82 100
 128 42.4 38.7 58.1
 54 54.5 40.1 60.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF082395.D
 Acq: 20 Oct 2015 11:15

Tgt Ion: 164 Resp: 169608
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.6 122.4
 160 45.6 36.4 54.6

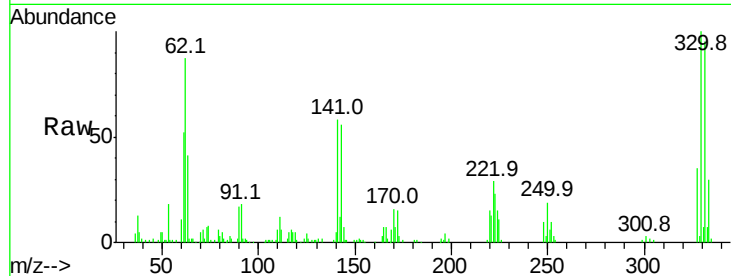




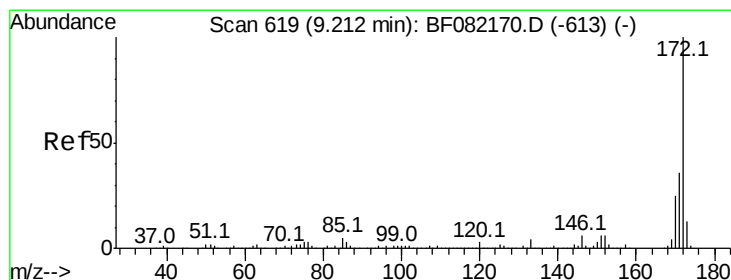
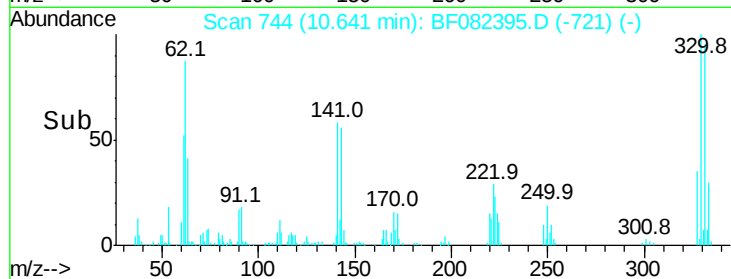
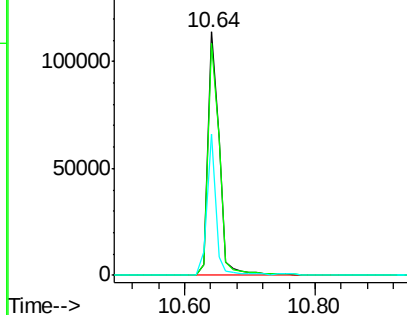
#41
 2,4,6-Tribromophenol
 Concen: 87.05 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.03 min
 Lab File: BF082395.D
 Acq: 20 Oct 2015 11:15

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-05RE

Tot Ion:330 Resp: 138460
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 45.6 29.8 44.8#

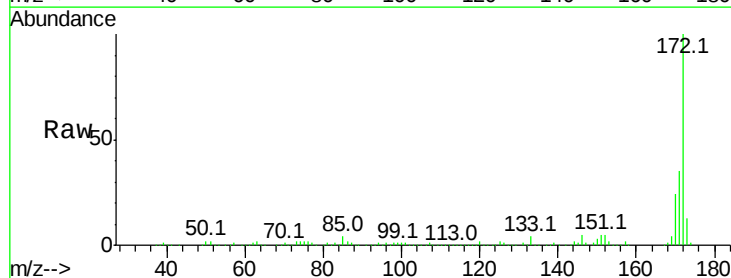


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

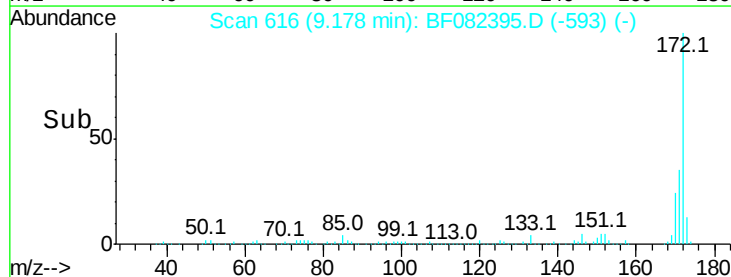
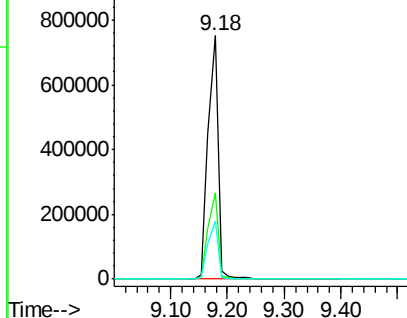


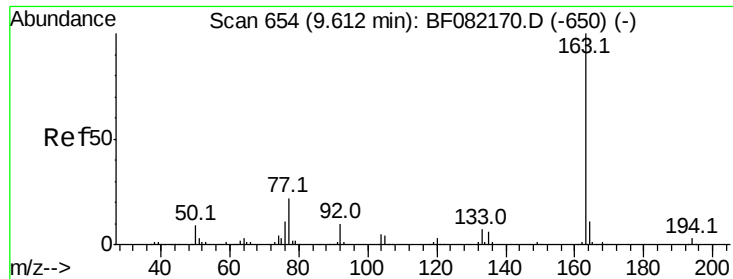
#44
 2-Fluorobiphenyl
 Concen: 86.14 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082395.D
 Acq: 20 Oct 2015 11:15

Tgt Ion:172 Resp: 881020
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.6 19.7 29.5



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: 15.94 ng

RT: 9.57 min Scan# 650

Delta R.T. -0.05 min

Lab File: BF082395.D

Acq: 20 Oct 2015 11:15

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05RE

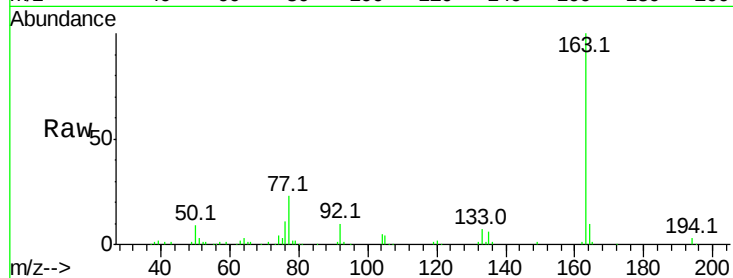
Tot Ion:163 Resp: 190373

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

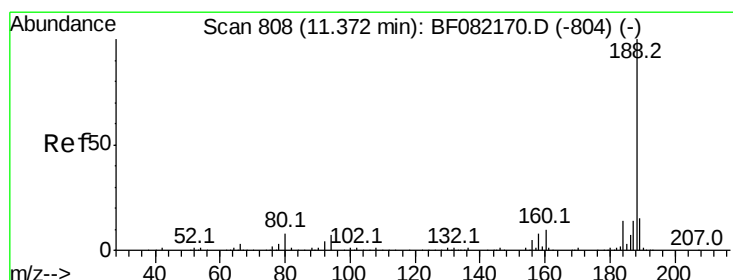
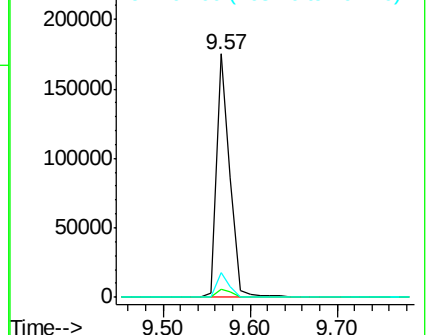
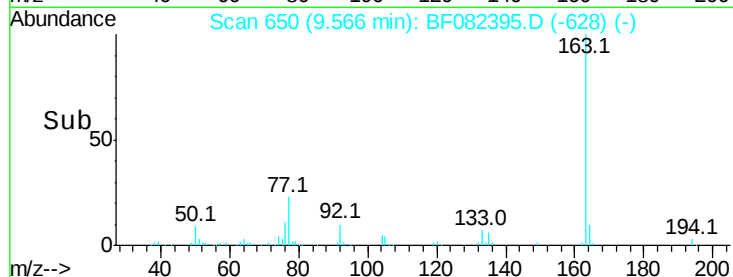
164 10.3 8.5 12.7



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: 11.34 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF082395.D

Acq: 20 Oct 2015 11:15

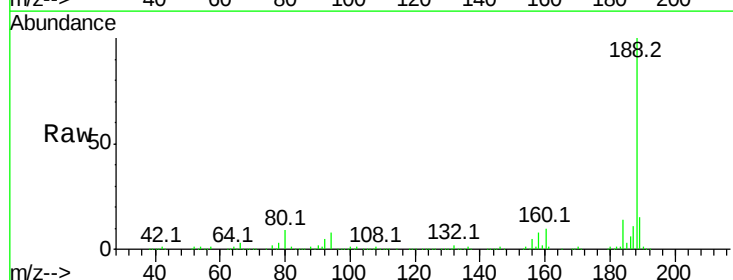
Tgt Ion:188 Resp: 289536

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

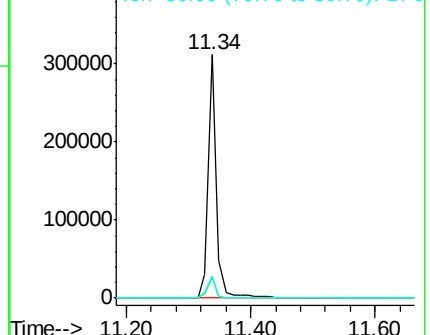
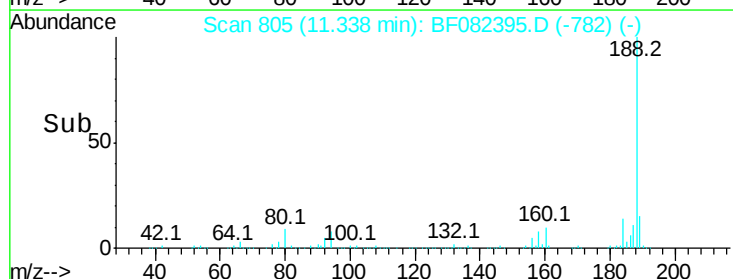
80 9.0 6.4 9.6

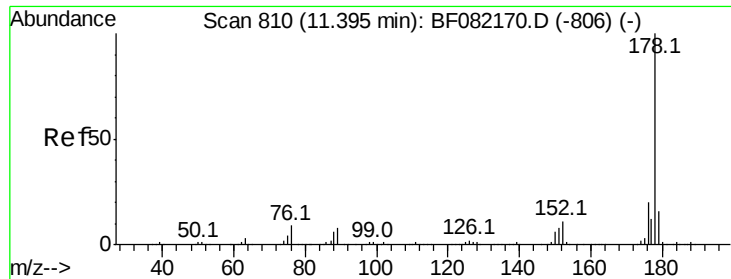


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

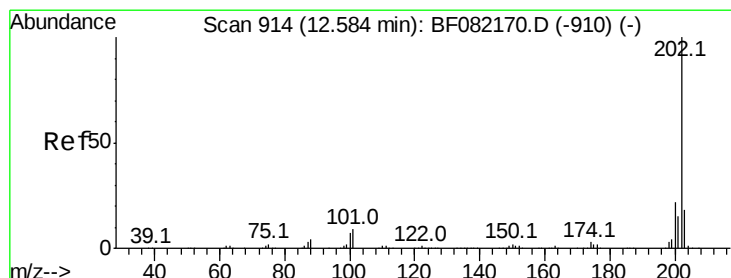
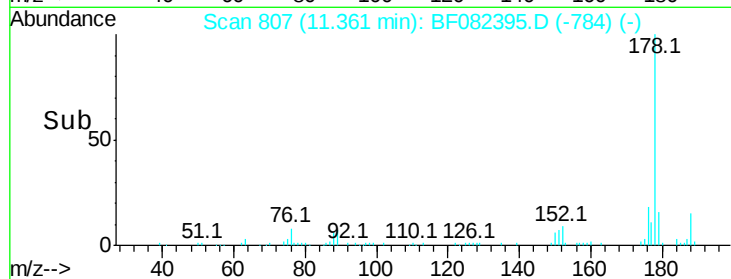
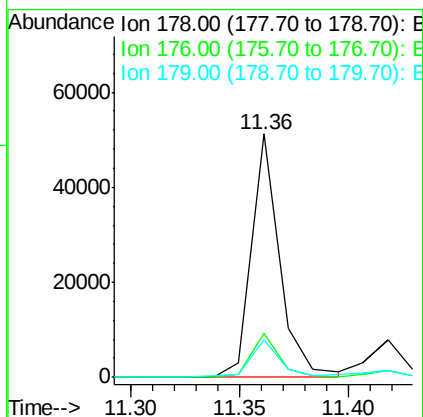
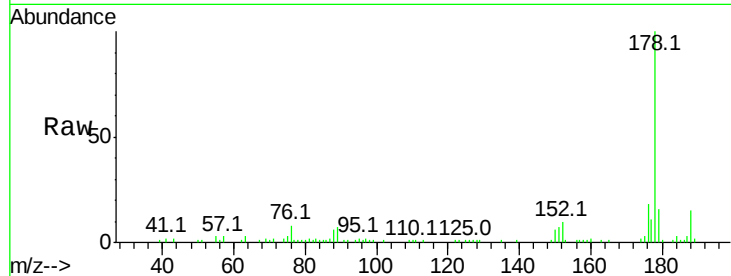




#70
Phenanthrene
Concen: 3.27 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF082395.D
Acq: 20 Oct 2015 11:15

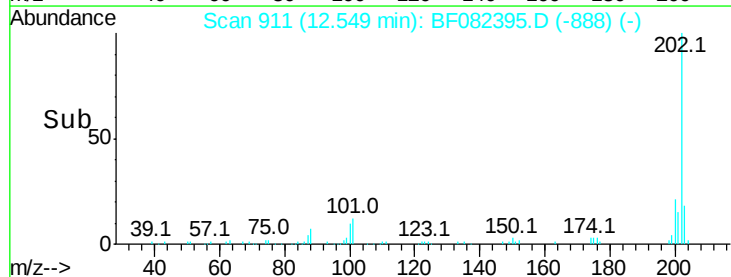
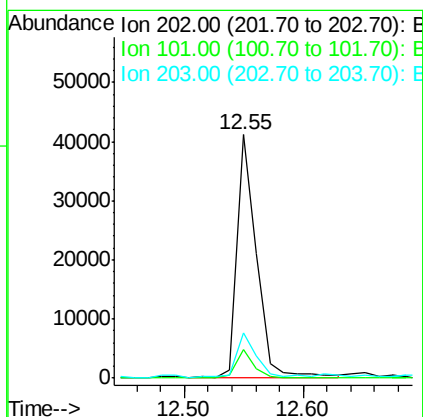
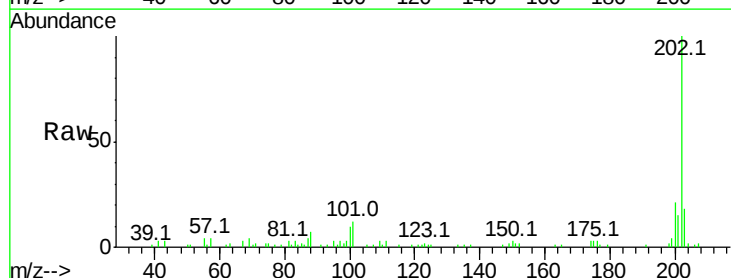
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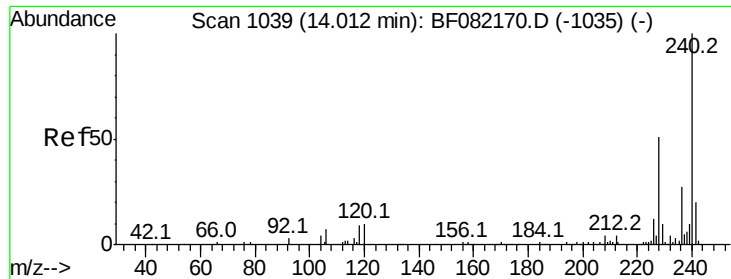
Tot Ion:178 Resp: 46378
Ion Ratio Lower Upper
178 100
176 17.9 16.0 24.0
179 15.5 12.6 19.0



#74
Fluoranthene
Concen: 3.14 ng
RT: 12.55 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF082395.D
Acq: 20 Oct 2015 11:15

Tgt Ion:202 Resp: 47922
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 18.3 0.0 37.8

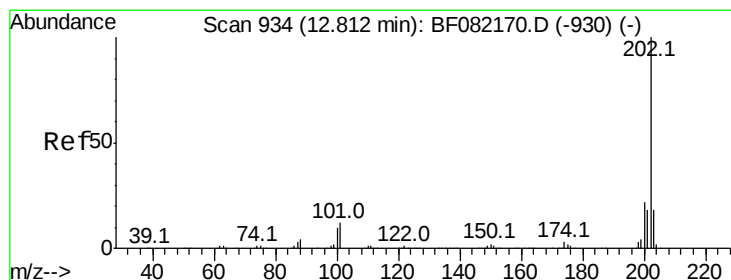
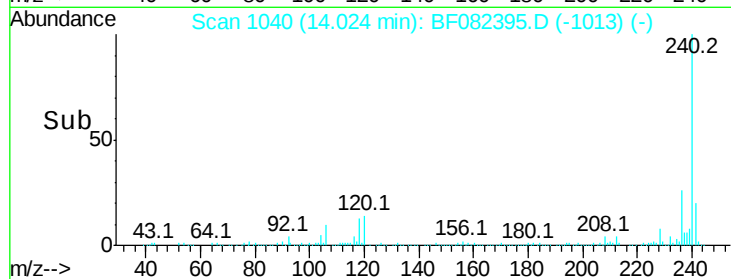
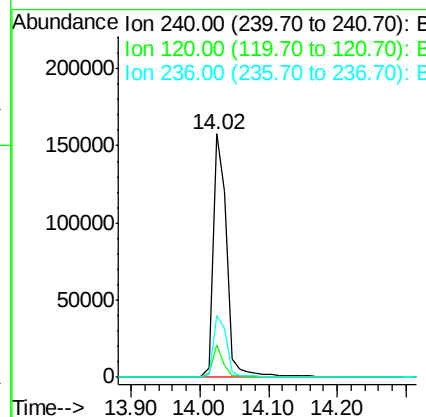
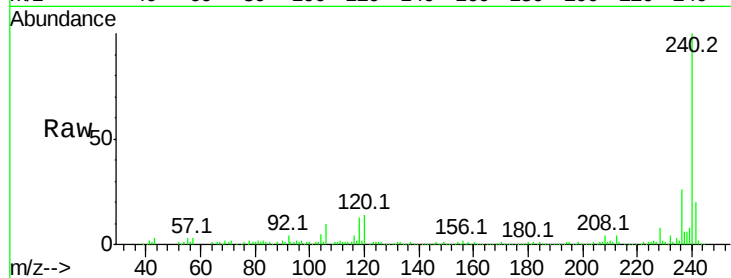




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082395.D
 Acq: 20 Oct 2015 11:15

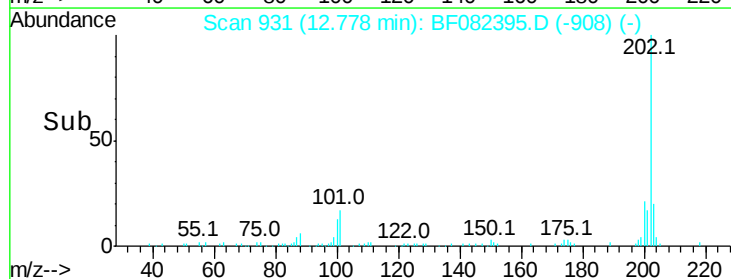
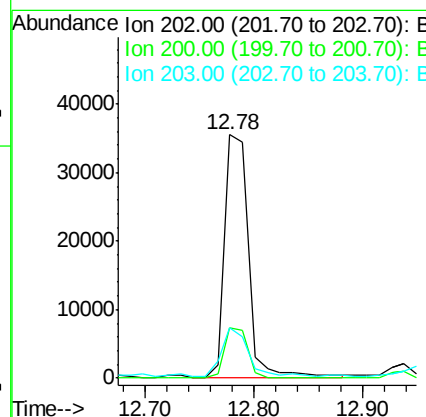
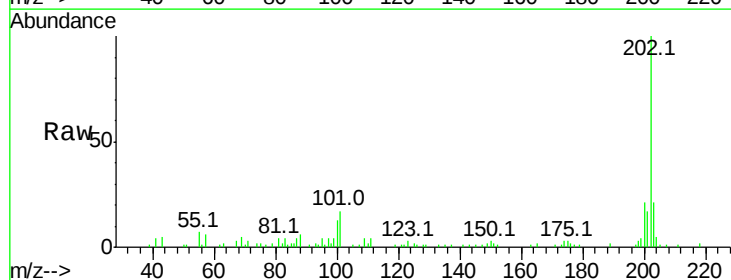
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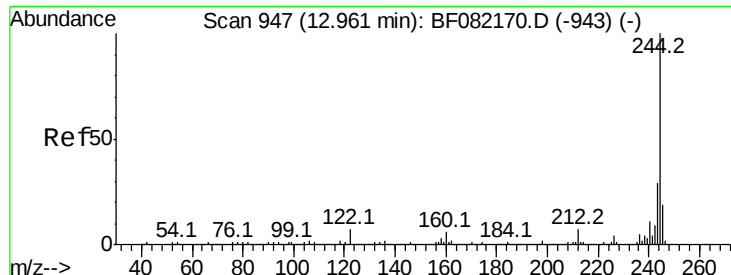
Tot Ion:240 Resp: 218136
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.1 12.1#
 236 25.6 21.3 31.9



#77
 Pyrene
 Concen: 4.24 ng
 RT: 12.78 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF082395.D
 Acq: 20 Oct 2015 11:15

Tgt Ion:202 Resp: 54854
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.9 26.9
 203 20.7 14.5 21.7





#78

Terphenyl-d14

Concen: 84.78 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF082395.D

Acq: 20 Oct 2015 11:15

Instrument :

BNA_F

ClientSampleId :

IM-MLA-2.5-05RE

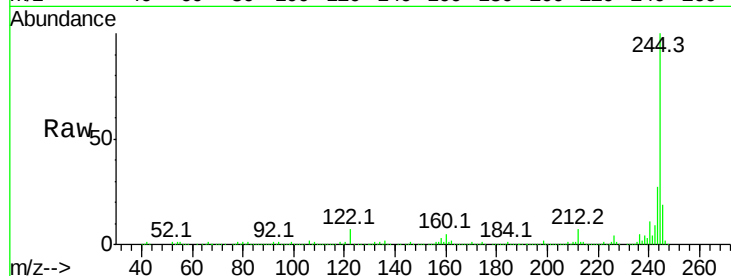
Tot Ion:244 Resp: 697878

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

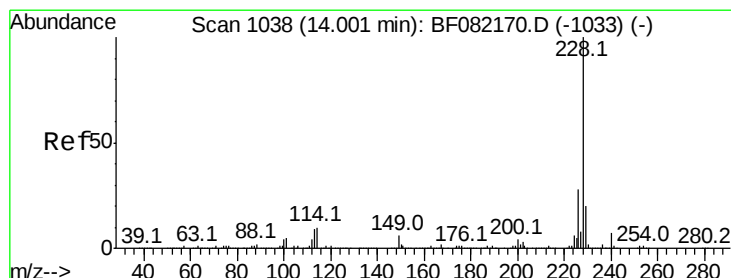
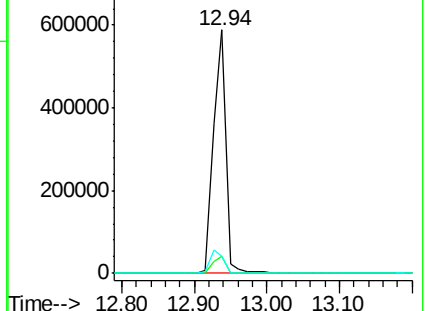
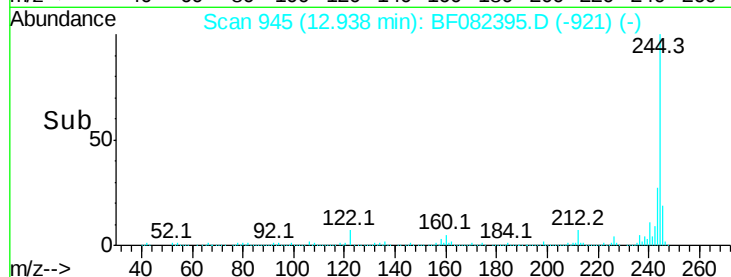
122 6.9 5.9 8.9



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



#80

Benzo(a)anthracene

Concen: 2.04 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF082395.D

Acq: 20 Oct 2015 11:15

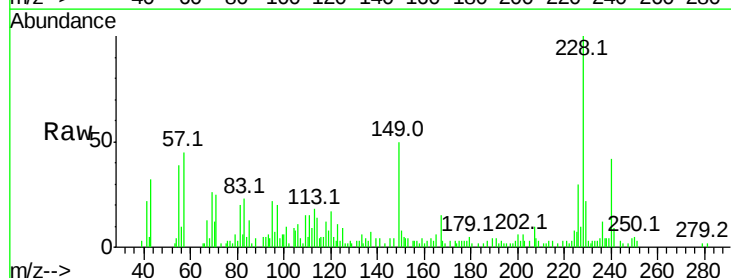
Tgt Ion:228 Resp: 23126

Ion Ratio Lower Upper

228 100

226 29.8 22.3 33.5

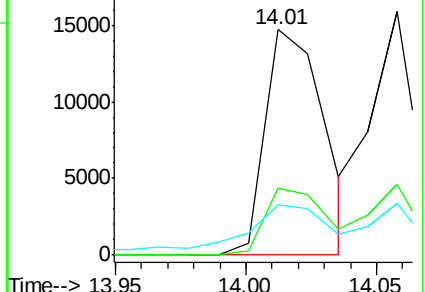
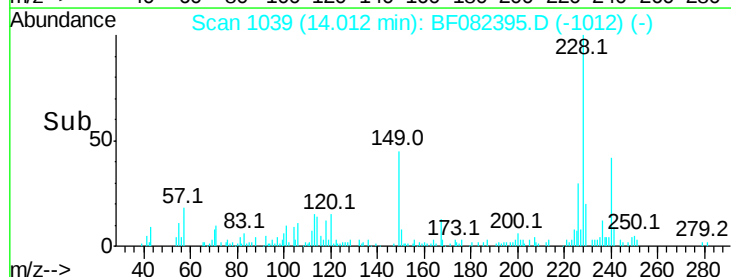
229 22.2 16.2 24.2

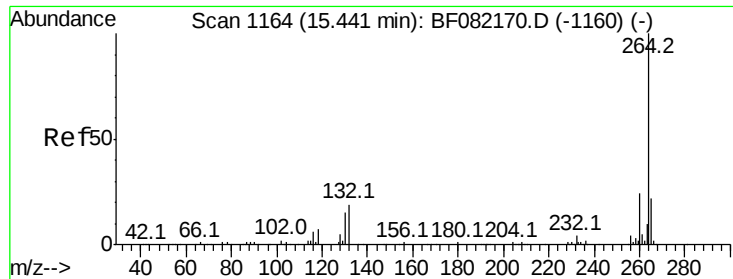


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

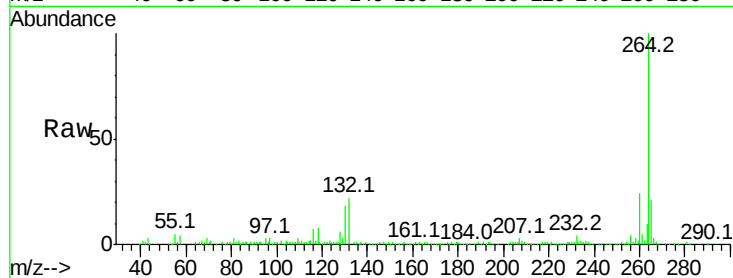




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. 0.11 min
 Lab File: BF082395.D
 Acq: 20 Oct 2015 11:15

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-05RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.5	17.3	25.9



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

