

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085426.D
 Acq On : 14 Mar 2016 13:57
 Operator : UM/SJ
 Sample : H1753-24RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP6RE

Quant Time: Mar 14 14:43:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 14 14:15:19 2016
 Response via : Initial Calibration

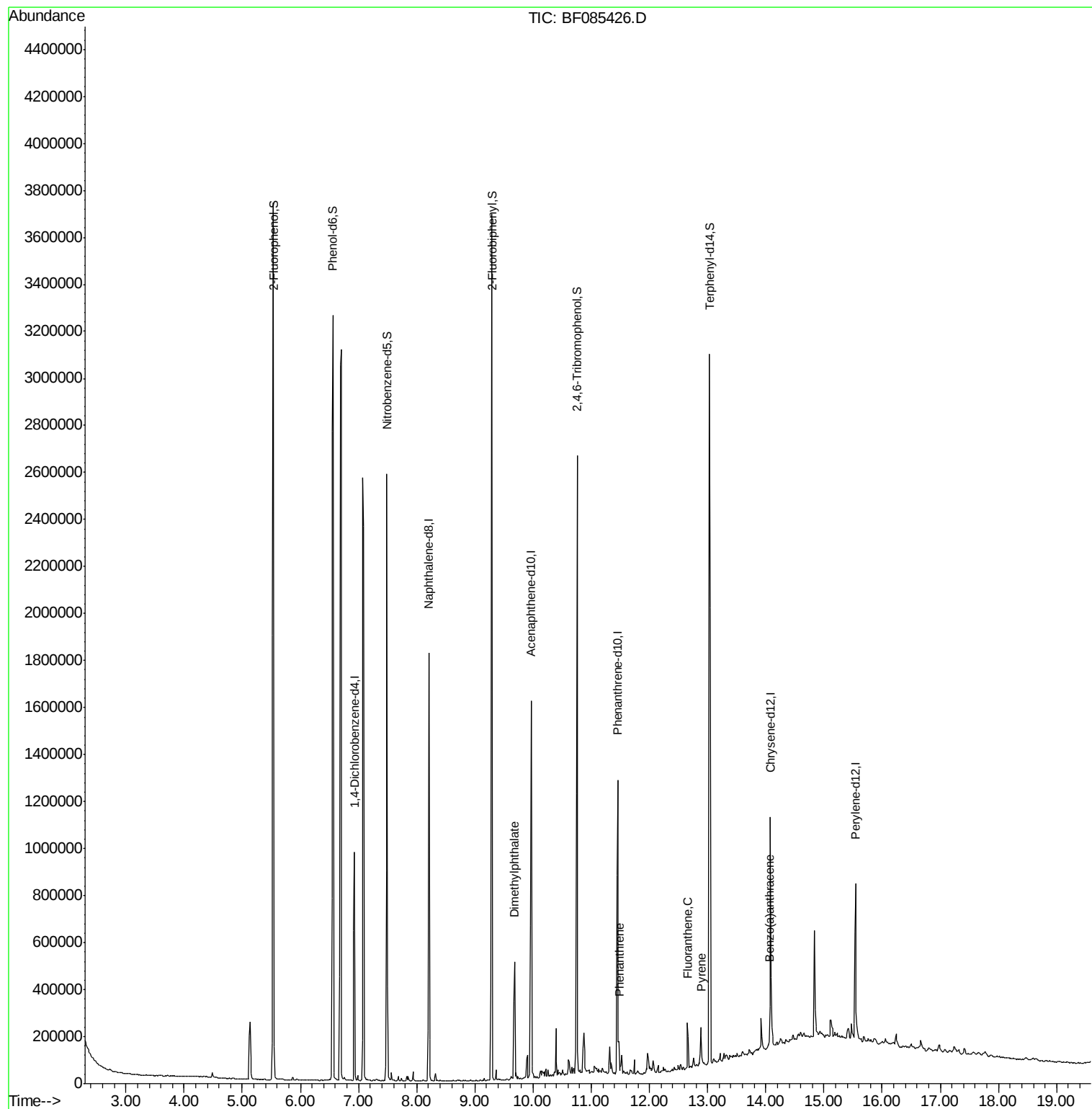
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	189675	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	749177	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	335651	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	579239	20.00	ng	0.00
75) Chrysene-d12	14.08	240	308994	20.00	ng	-0.01
86) Perylene-d12	15.55	264	318437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1214358	107.39	ng	0.01
7) Phenol-d6	6.56	99	1823287	123.07	ng	0.00
23) Nitrobenzene-d5	7.49	82	957440	68.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	341950	119.06	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1772938	80.33	ng	0.00
78) Terphenyl-d14	13.03	244	1210542	90.95	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	253681	9.85	ng	98
70) Phenanthrene	11.48	178	72218	2.38	ng	97
74) Fluoranthene	12.65	202	98488	3.23	ng	95
77) Pyrene	12.89	202	92123	3.96	ng	97
80) Benzo(a)anthracene	14.07	228	41414	2.24	ng	99

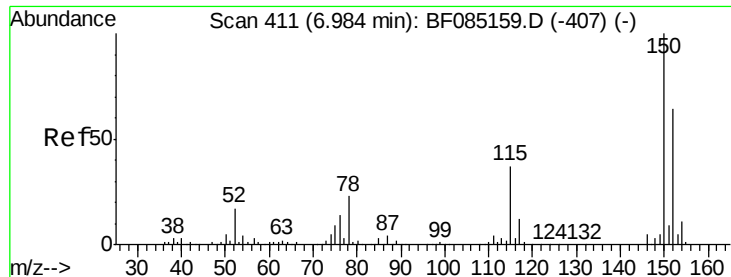
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

Instrument :

BNA_F

ClientSampleId :

TEC-COMP6RE

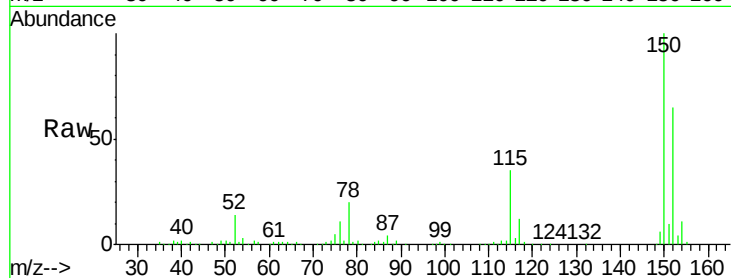
Tgt Ion:152 Resp: 189675

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

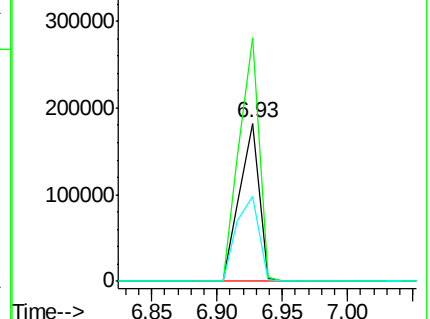
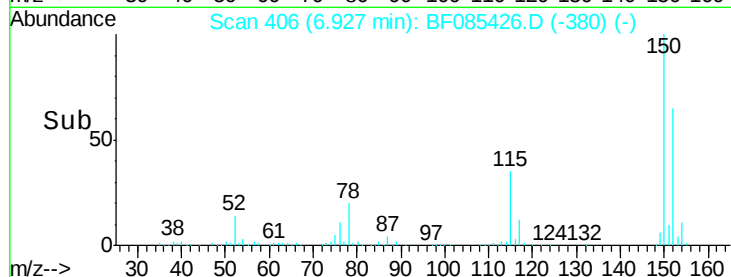
115 53.6 46.6 70.0



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: 107.39 ng

RT: 5.53 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

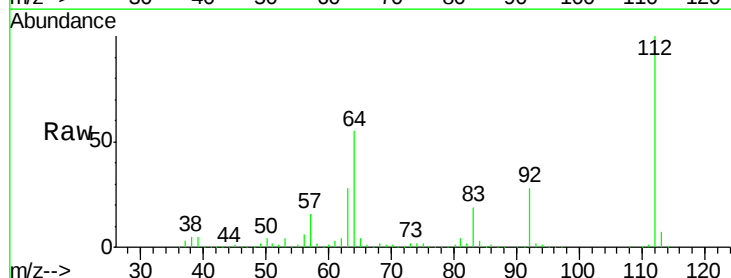
Tgt Ion:112 Resp: 1214358

Ion Ratio Lower Upper

112 100

64 55.1 49.0 73.4

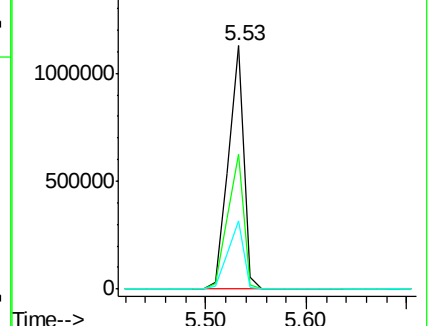
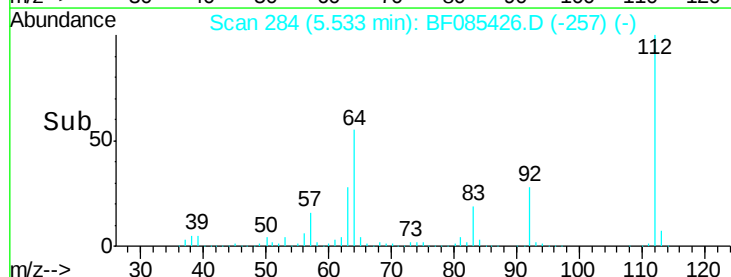
63 28.0 24.8 37.2



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: 123.07 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

Instrument :

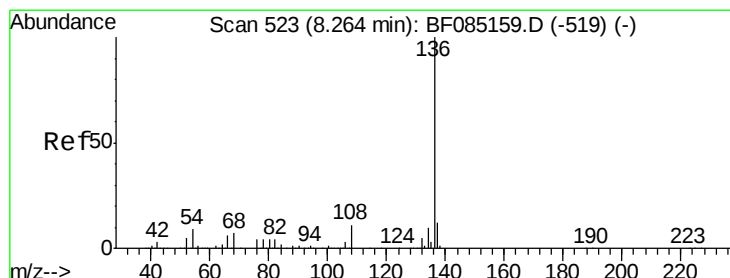
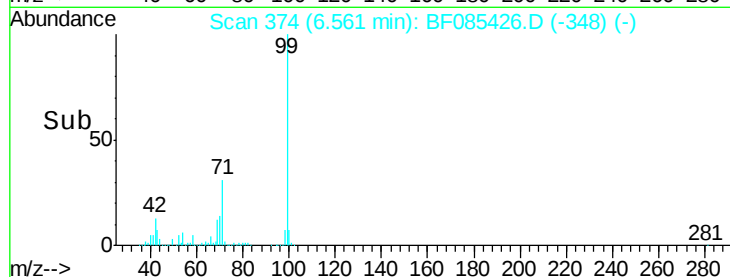
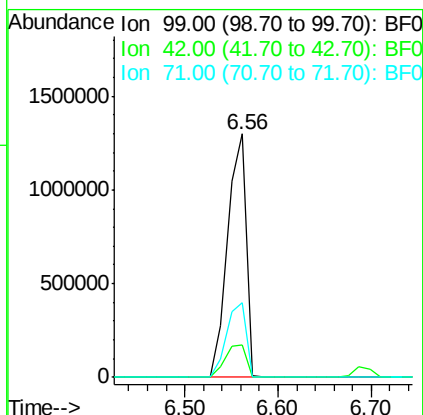
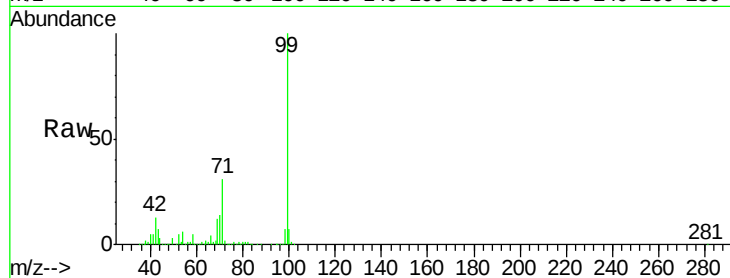
BNA_F

ClientSampleId :

TEC-COMP6RE

Tgt Ion: 99 Resp: 1823287

Ion	Ratio	Lower	Upper
99	100		
42	13.3	13.6	20.4#
71	30.8	26.7	40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

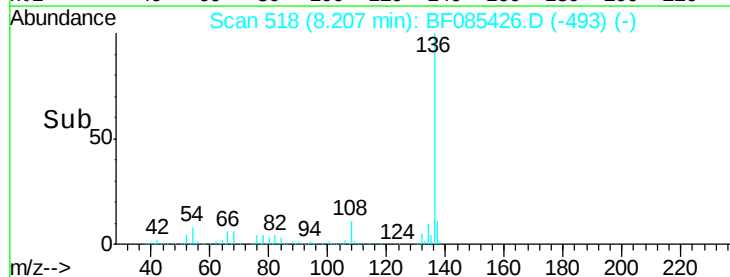
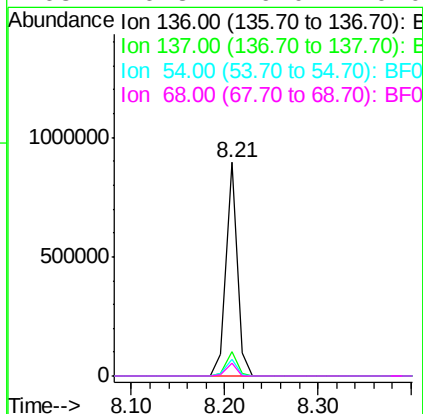
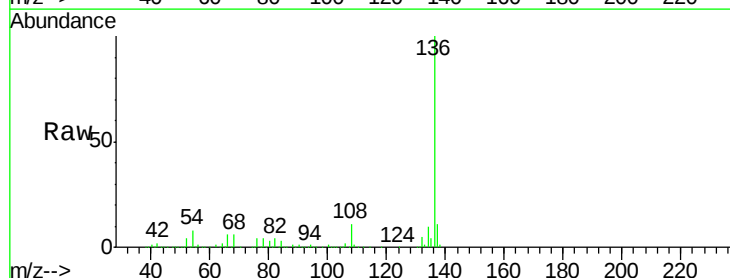
Delta R.T. -0.01 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

Tgt Ion: 136 Resp: 749177

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.6	7.4	11.2
68	6.3	6.0	9.0

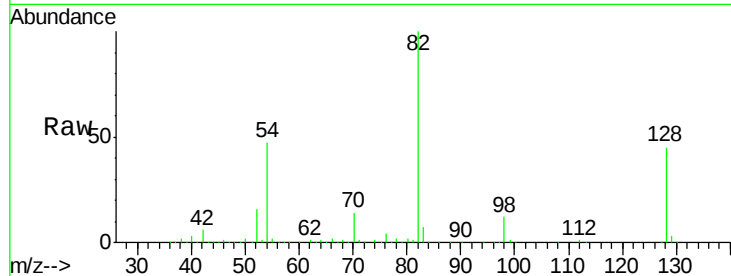




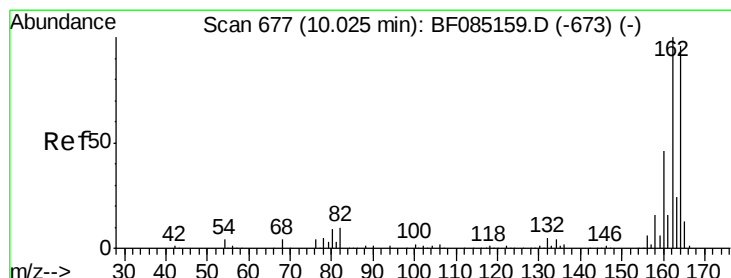
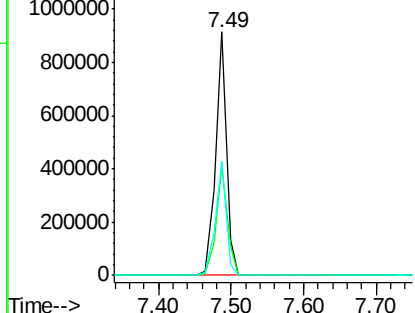
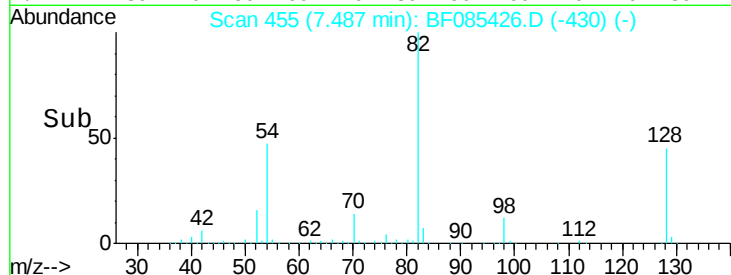
#23
 Nitrobenzene-d5
 Concen: 68.39 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF085426.D
 Acq: 14 Mar 2016 13:57

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP6RE

Tgt Ion: 82 Resp: 957440
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.5 51.7
 54 46.8 39.3 58.9

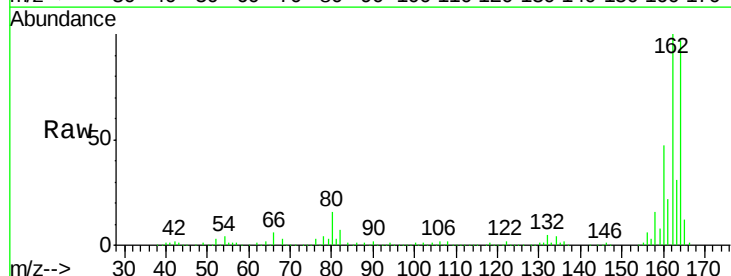


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

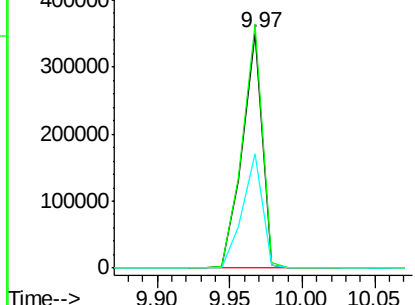
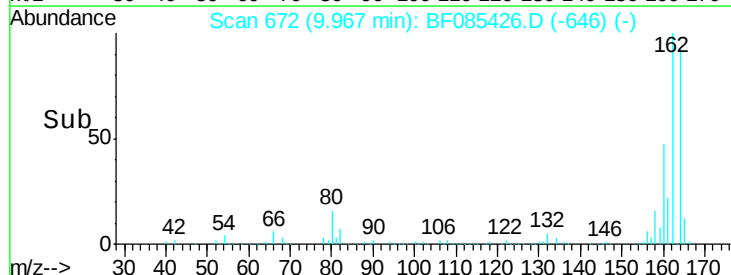


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF085426.D
 Acq: 14 Mar 2016 13:57

Tgt Ion: 164 Resp: 335651
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.3 124.9
 160 48.4 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

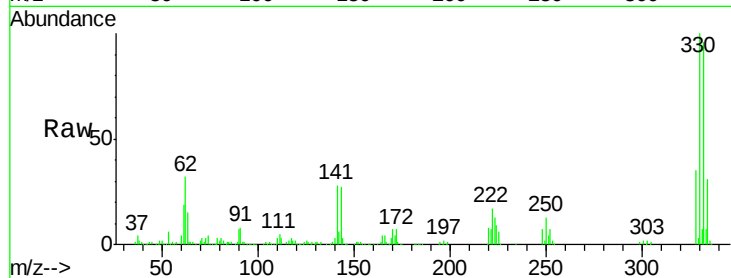




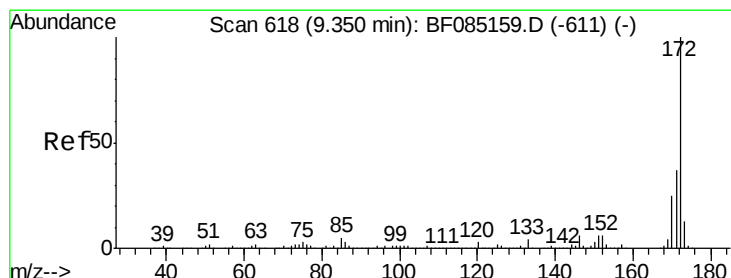
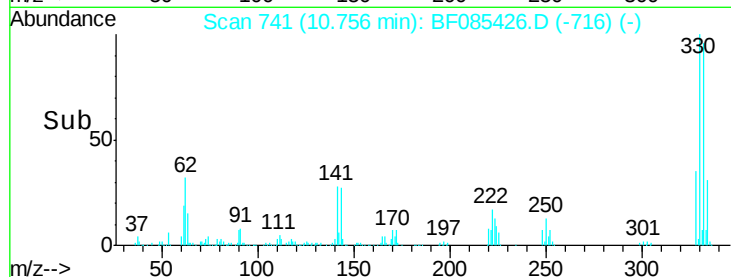
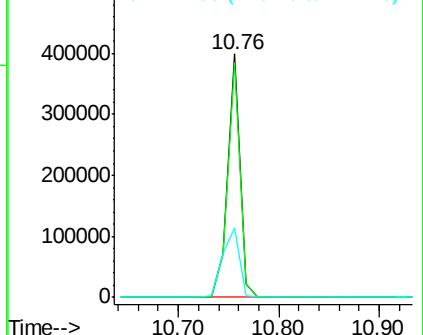
#41
 2,4,6-Tribromophenol
 Concen: 119.06 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF085426.D
 Acq: 14 Mar 2016 13:57

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP6RE

Tgt Ion:330 Resp: 341950
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 39.4 35.0 52.6

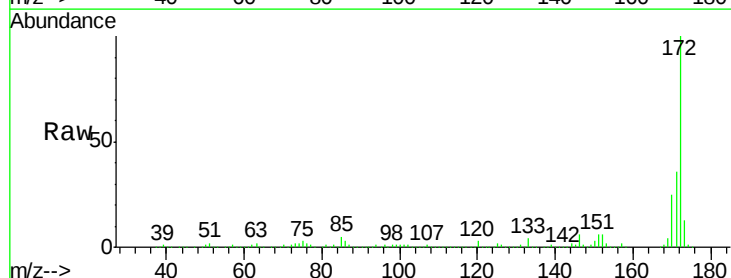


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

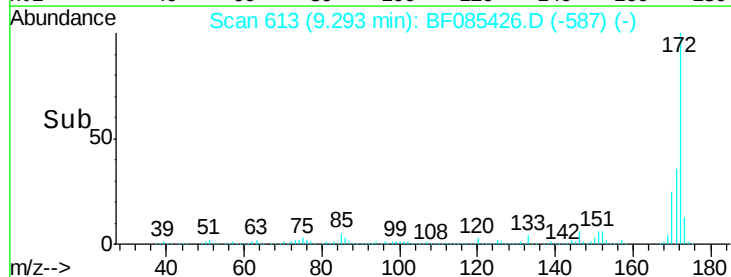
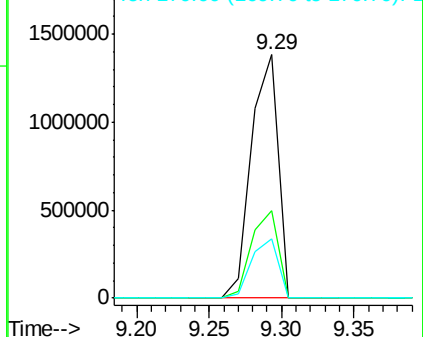


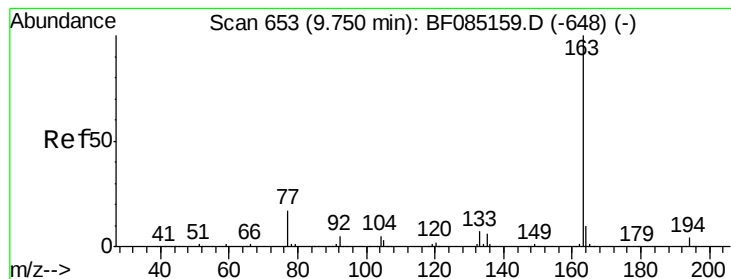
#44
 2-Fluorobiphenyl
 Concen: 80.33 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF085426.D
 Acq: 14 Mar 2016 13:57

Tgt Ion:172 Resp: 1772938
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.6 20.0 30.0



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: 9.85 ng

RT: 9.68 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

Instrument :

BNA_F

ClientSampleId :

TEC-COMP6RE

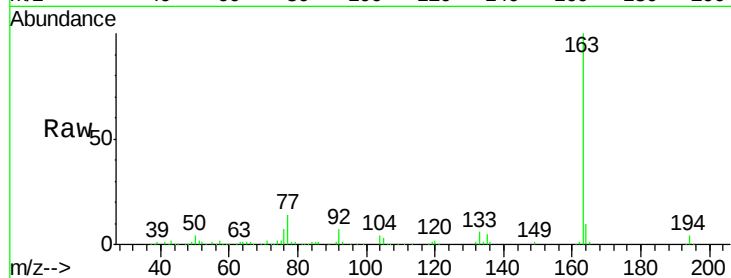
Tgt Ion:163 Resp: 253681

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

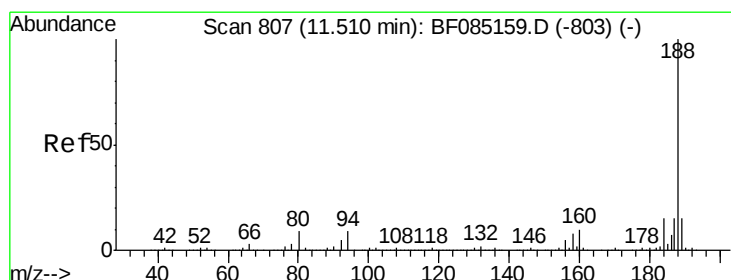
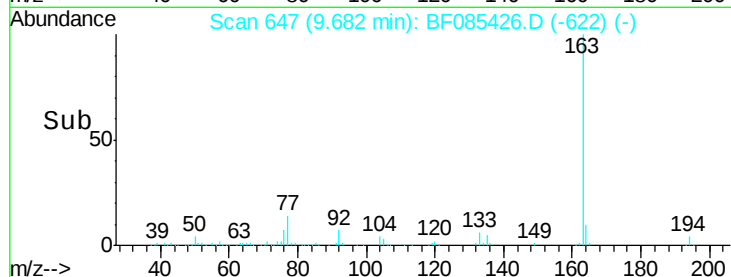
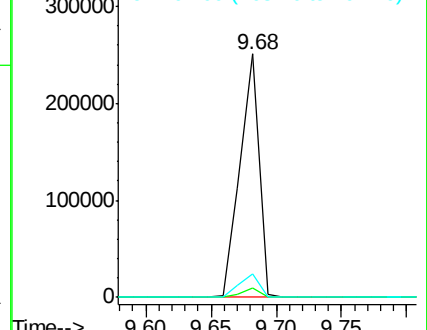
164 9.6 8.2 12.4



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: 11.45 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

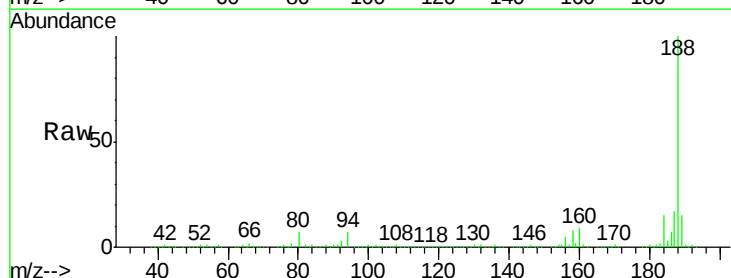
Tgt Ion:188 Resp: 579239

Ion Ratio Lower Upper

188 100

94 6.6 7.0 10.6#

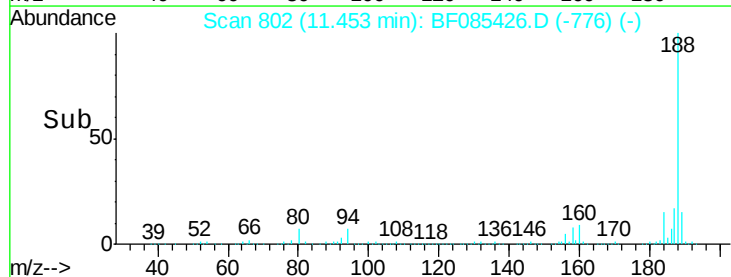
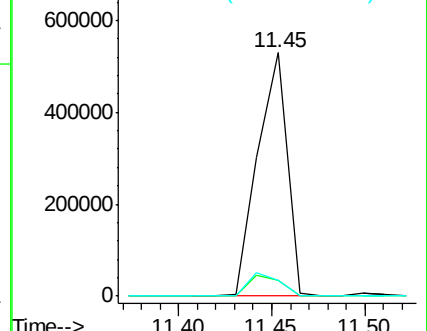
80 6.5 7.4 11.0#

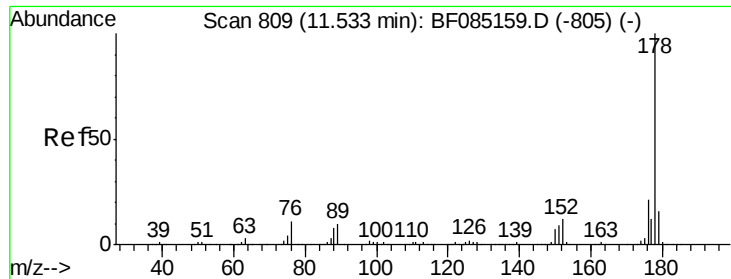


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

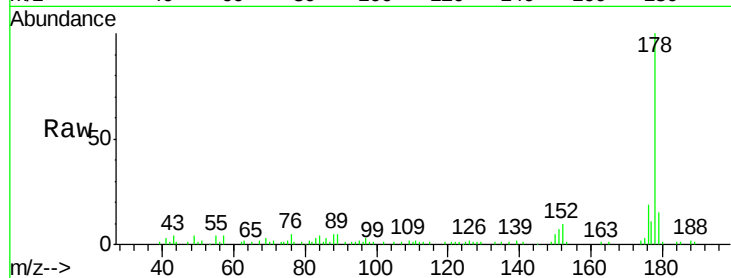




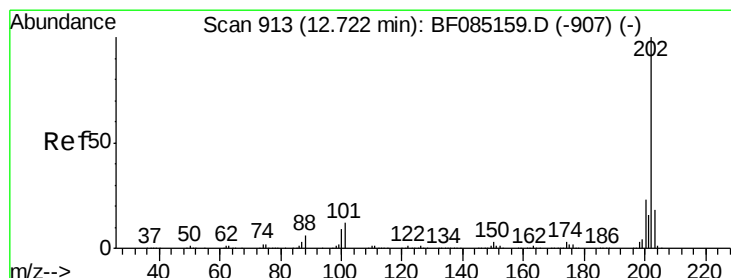
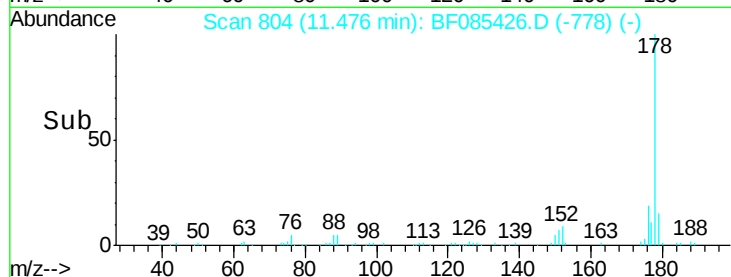
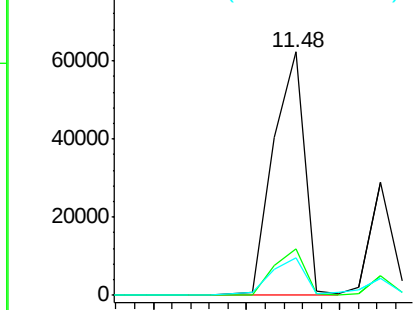
#70
Phenanthrene
Concen: 2.38 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF085426.D
Acq: 14 Mar 2016 13:57

Instrument :
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Tgt Ion:178 Resp: 72218
Ion Ratio Lower Upper
178 100
176 19.2 16.8 25.2
179 15.3 13.1 19.7

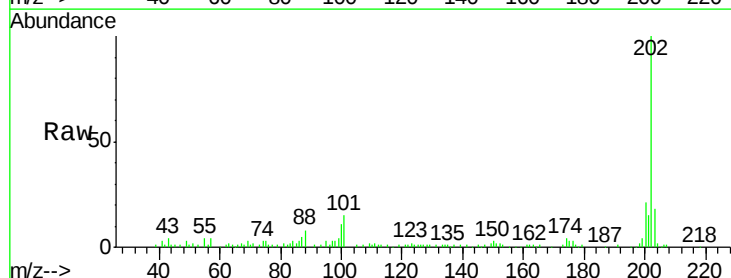


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

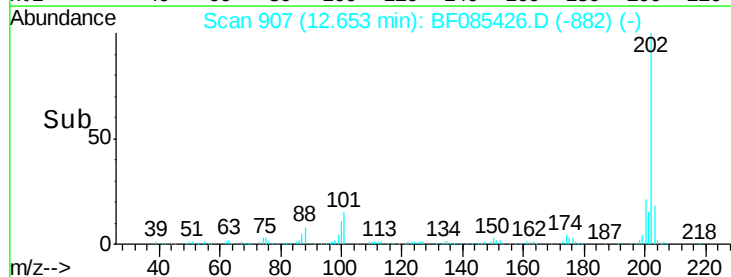
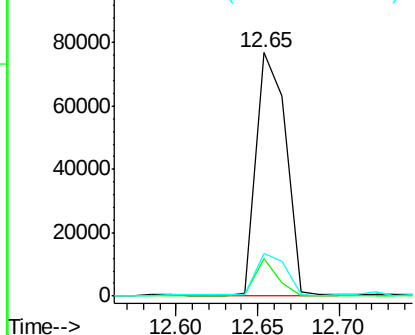


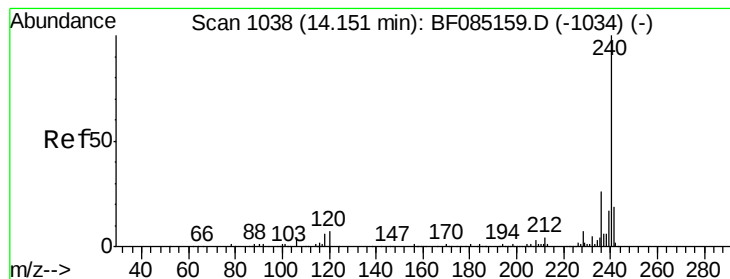
#74
Fluoranthene
Concen: 3.23 ng
RT: 12.65 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF085426.D
Acq: 14 Mar 2016 13:57

Tgt Ion:202 Resp: 98488
Ion Ratio Lower Upper
202 100
101 15.3 0.0 31.8
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

Instrument :

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TEC-COMP6RE

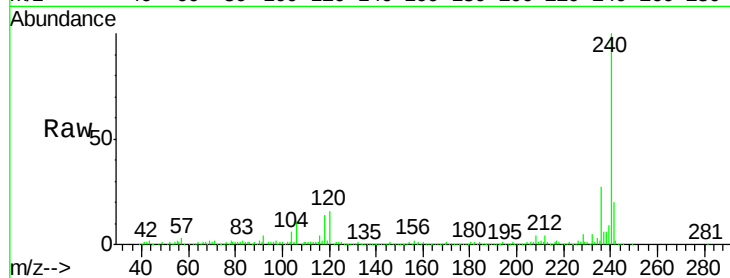
Tgt Ion:240 Resp: 308994

Ion Ratio Lower Upper

240 100

120 16.3 5.3 7.9#

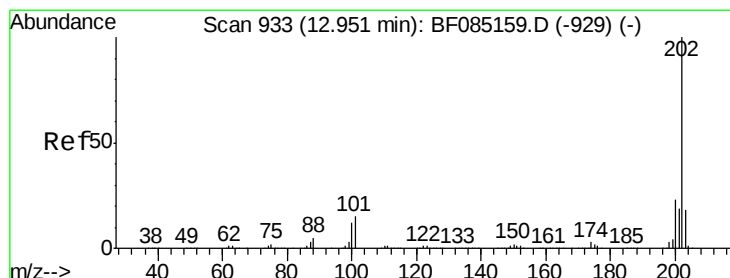
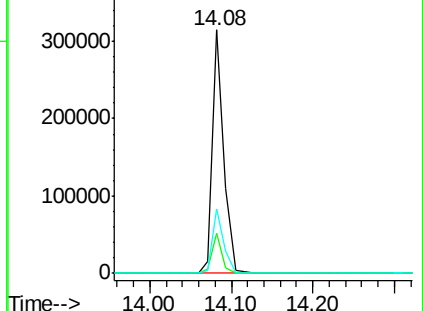
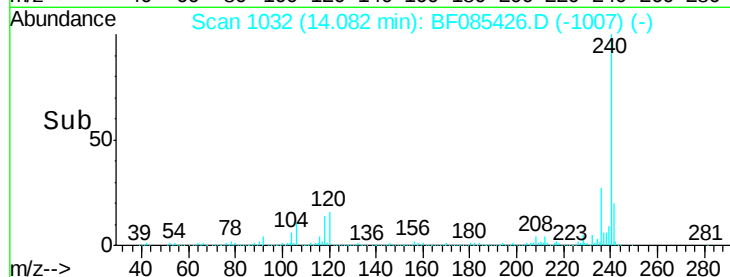
236 26.6 20.7 31.1



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



#77

Pyrene

Concen: 3.96 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

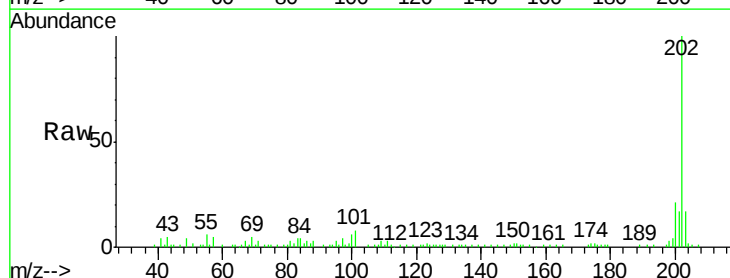
Tgt Ion:202 Resp: 92123

Ion Ratio Lower Upper

202 100

200 21.0 18.2 27.4

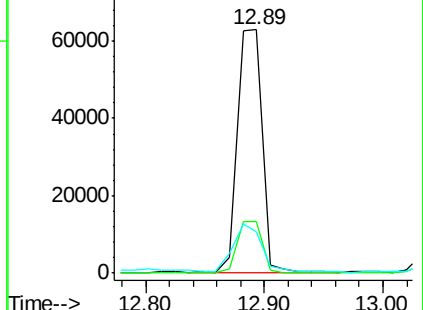
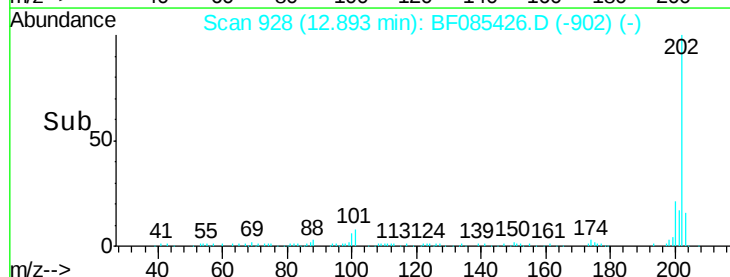
203 17.0 14.7 22.1

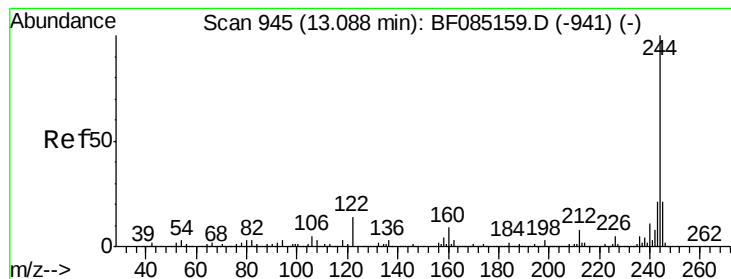


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.95 ng

RT: 13.03 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

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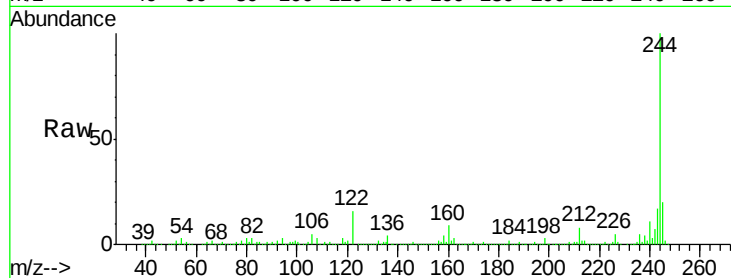
Tgt Ion:244 Resp: 1210542

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

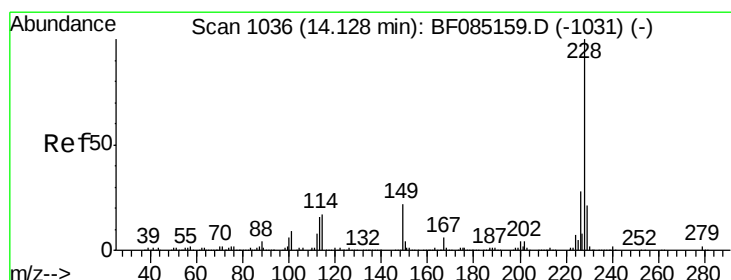
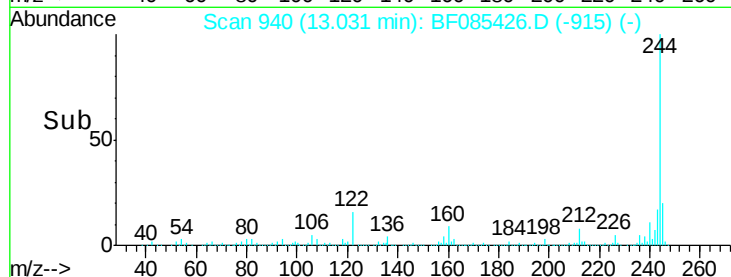
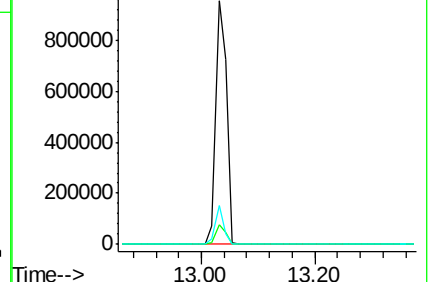
122 16.0 11.4 17.2



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



#80

Benzo(a)anthracene

Concen: 2.24 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF085426.D

Acq: 14 Mar 2016 13:57

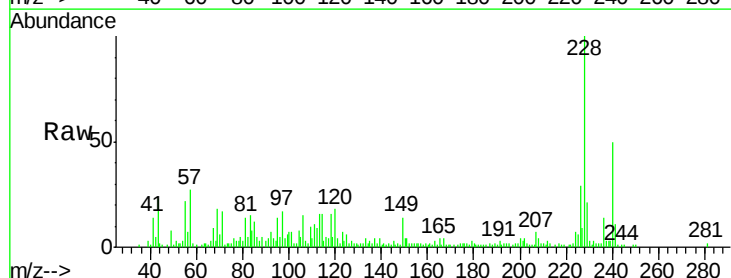
Tgt Ion:228 Resp: 41414

Ion Ratio Lower Upper

228 100

226 28.6 22.8 34.2

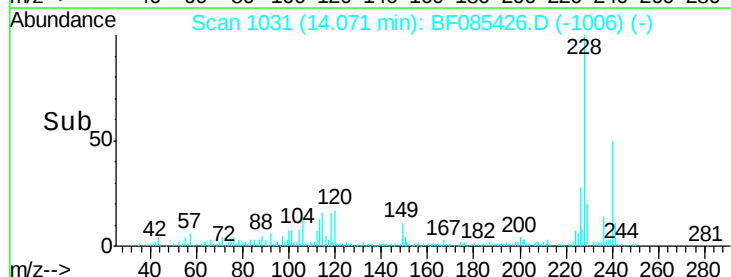
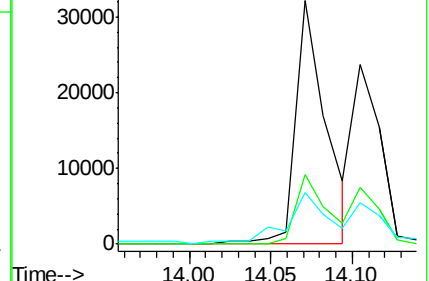
229 21.1 16.6 24.8

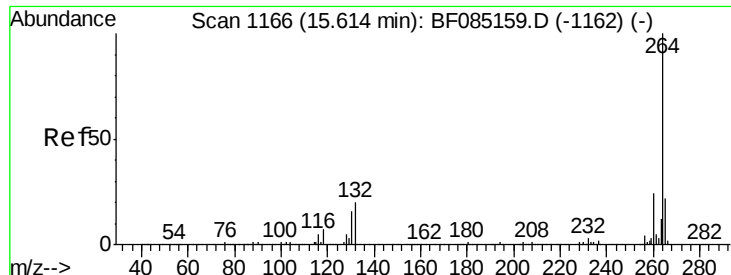


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

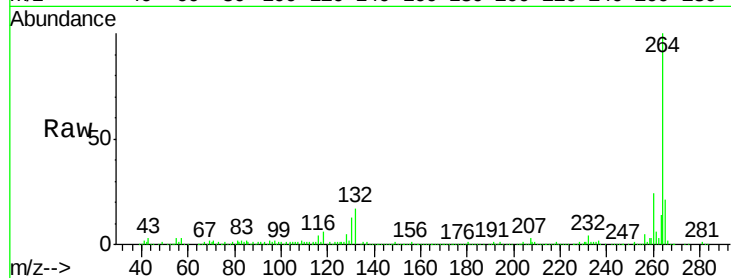




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF085426.D
Acq: 14 Mar 2016 13:57

Instrument :
BNA_F
ClientSampleId :
TEC-COMP6RE

Tgt Ion: 264 Resp: 318437
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.3 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

