

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086633.D
 Acq On : 2 May 2016 22:45
 Operator : UM/SJ
 Sample : H2762-11DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMPDL

Quant Time: May 03 01:19:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

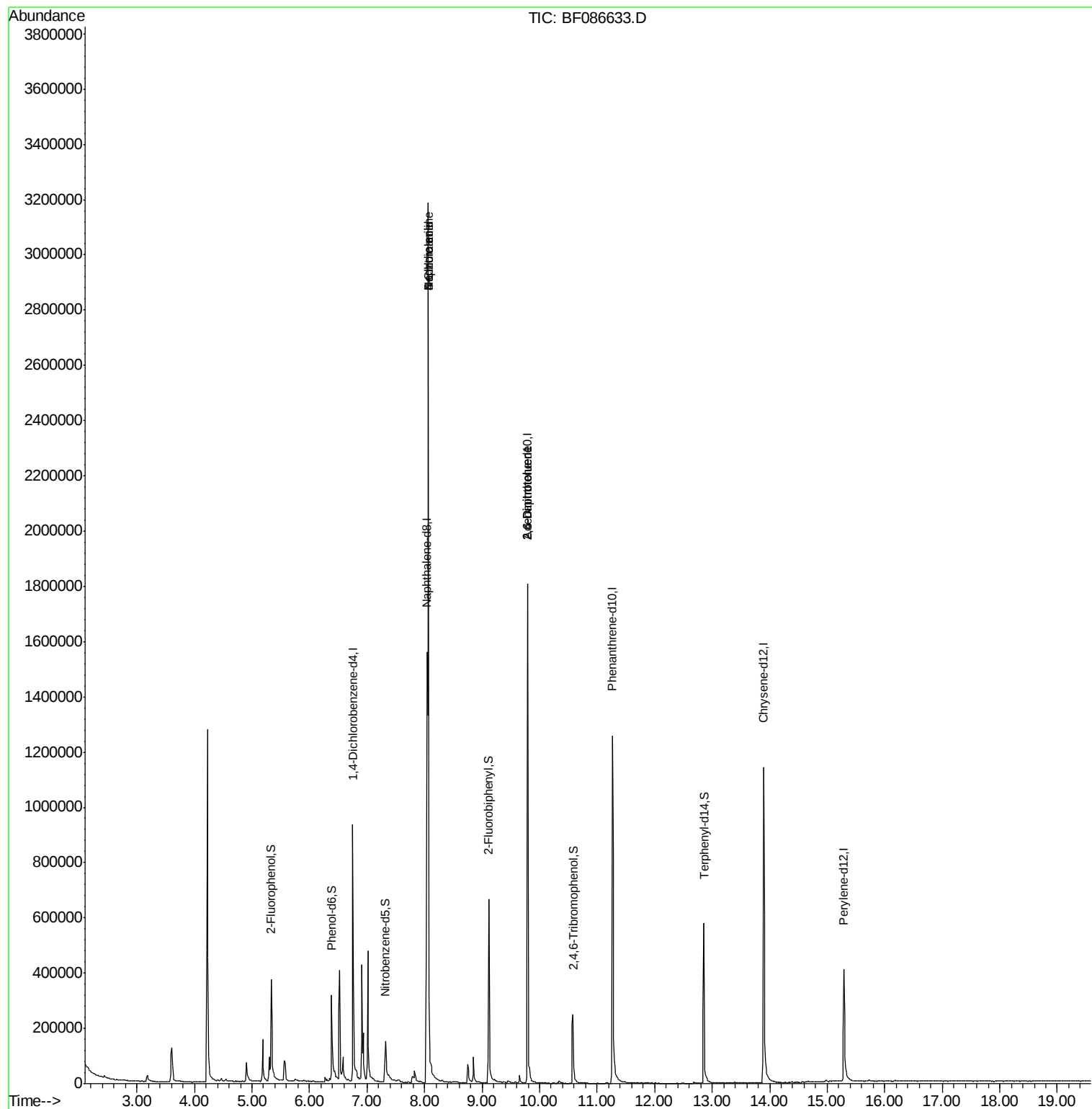
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	162768	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	729722	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	358477	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	692026	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	559013	20.00	ng	-0.07
86) Perylene-d12	15.29	264	149002	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	128648	13.63	ng	-0.06
7) Phenol-d6	6.38	99	168082	12.76	ng	-0.06
23) Nitrobenzene-d5	7.32	82	106121	7.84	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	50074	13.25	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	257632	5.15	ng	-0.06
78) Terphenyl-d14	12.85	244	264717	10.43	ng	-0.06
Target Compounds						
31) Naphthalene	8.06	128	1593043	42.90	ng	Qvalue 99
32) Benzoic acid	8.06	122	3681	9.22	ng	# 1
33) 4-Chloroaniline	8.06	127	212912	15.31	ng	# 35
50) 2,6-Dinitrotoluene	9.79	165	44847	8.04	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	45443	6.39	ng	# 16

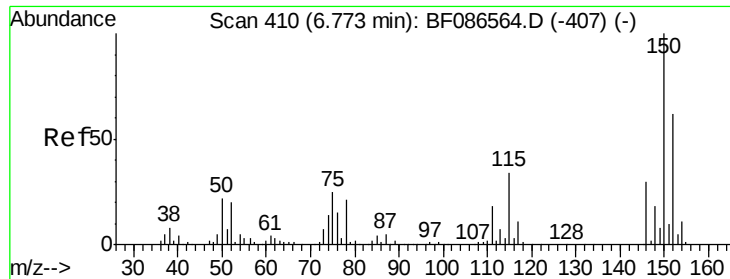
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL

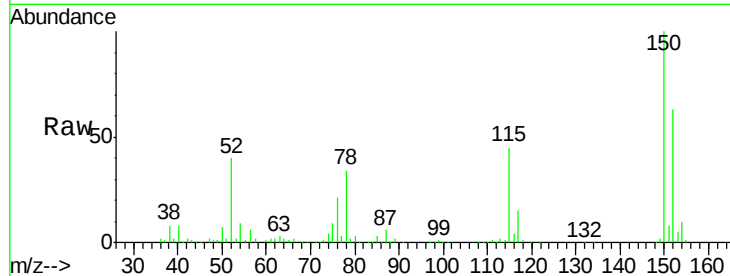
Tgt Ion:152 Resp: 162768

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.6

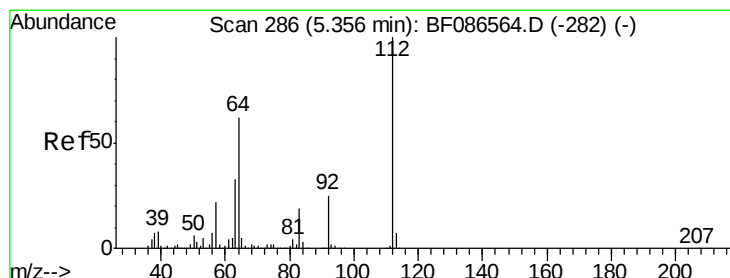
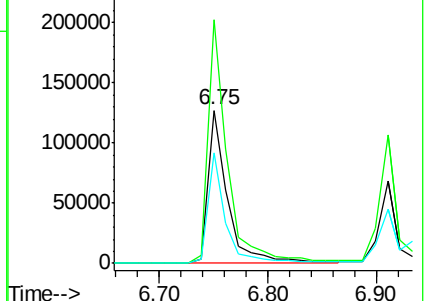
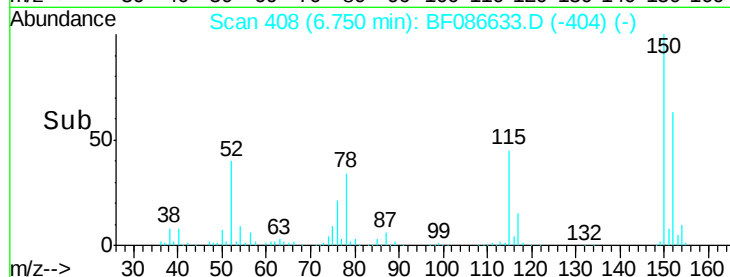
115 71.9 51.5 77.3



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: 13.63 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.06 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

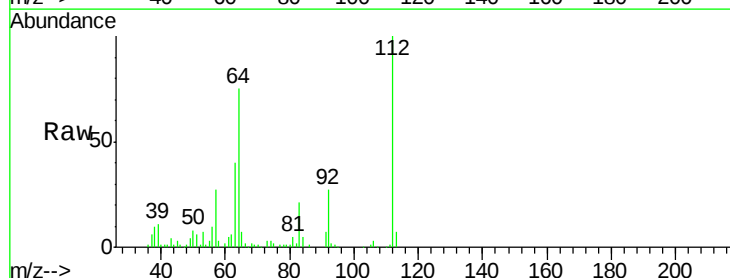
Tgt Ion:112 Resp: 128648

Ion Ratio Lower Upper

112 100

64 74.8 52.1 78.1

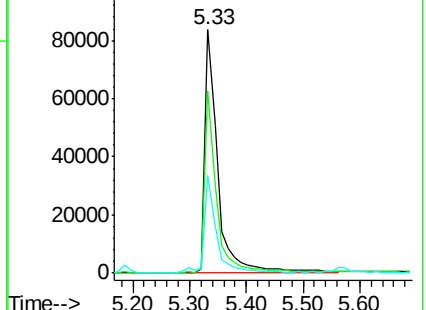
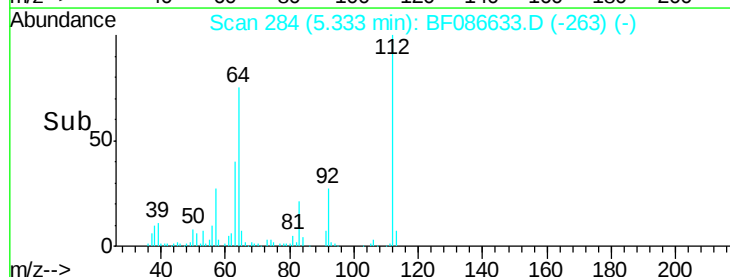
63 40.4 25.7 38.5#



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: 12.76 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL

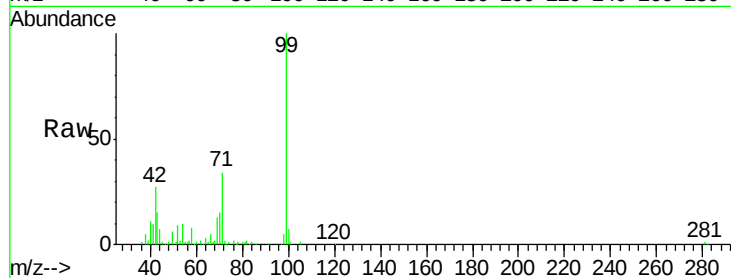
Tgt Ion: 99 Resp: 168082

Ion Ratio Lower Upper

99 100

42 27.3 13.6 20.4#

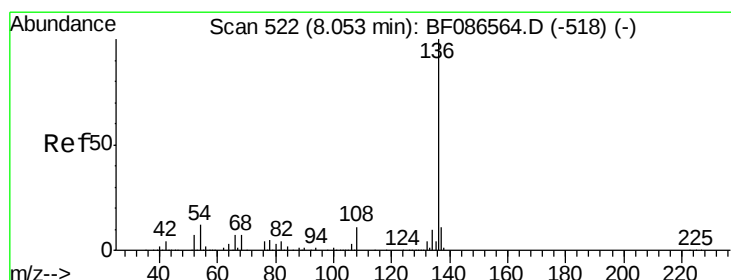
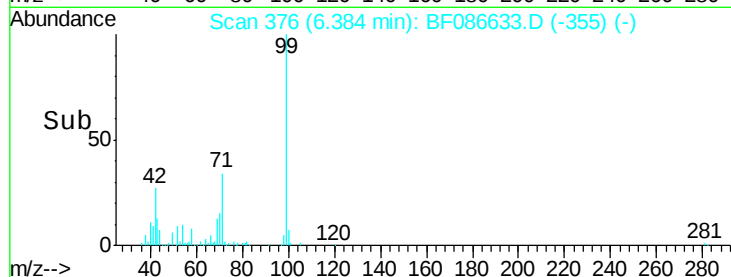
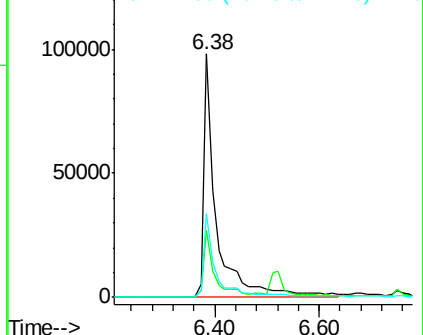
71 34.3 24.6 36.8



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: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Tgt Ion: 136 Resp: 729722

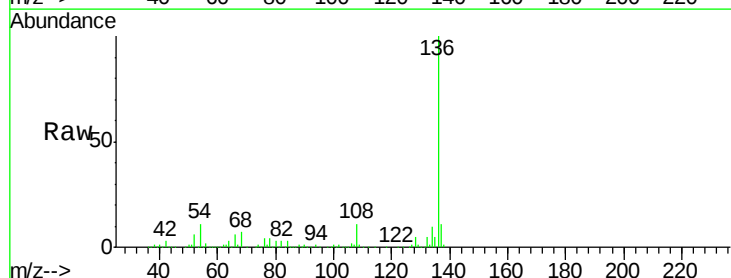
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.1 5.0 7.4#

68 6.7 4.4 6.6#

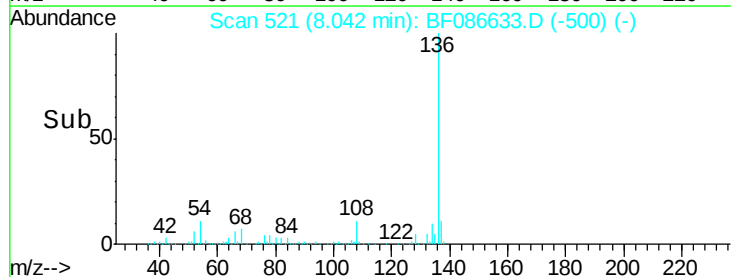
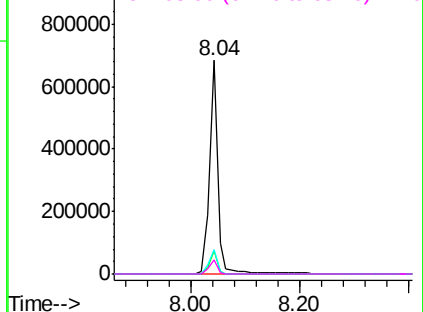


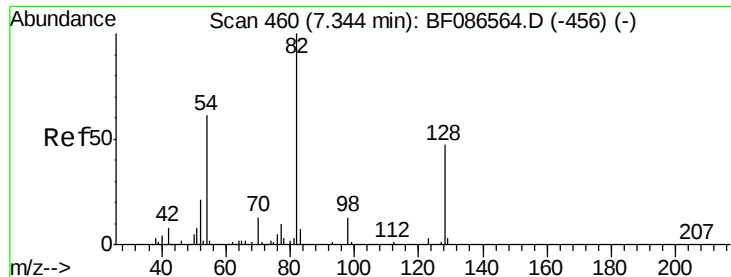
Abundance Ion 136.00 (135.70 to 136.70): E

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

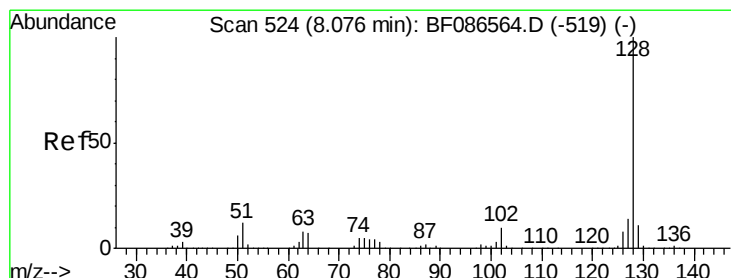
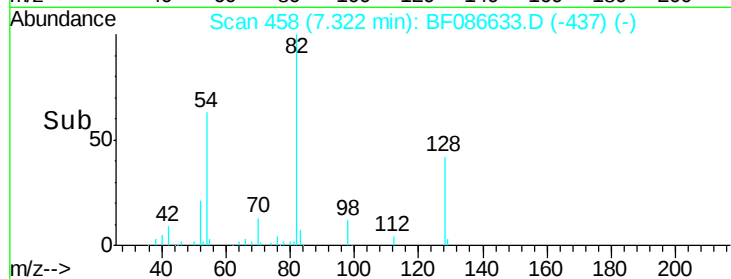
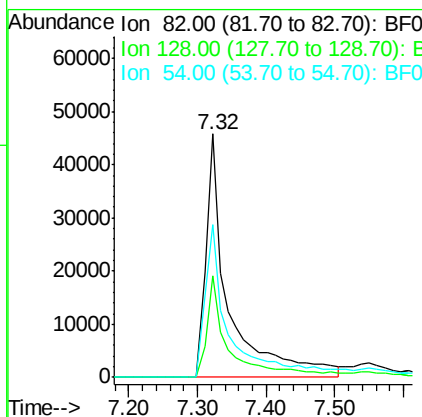
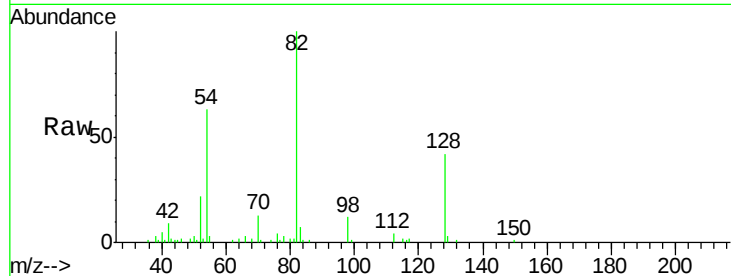




#23
 Nitrobenzene-d5
 Concen: 7.84 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086633.D
 Acq: 2 May 2016 22:45

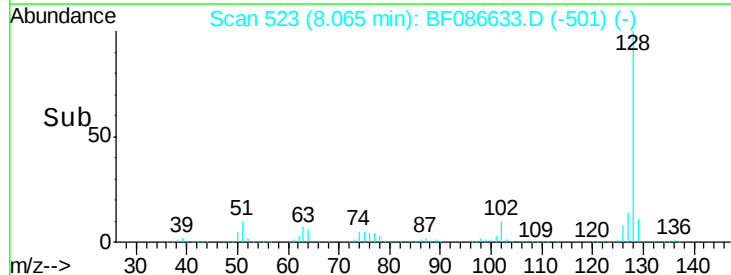
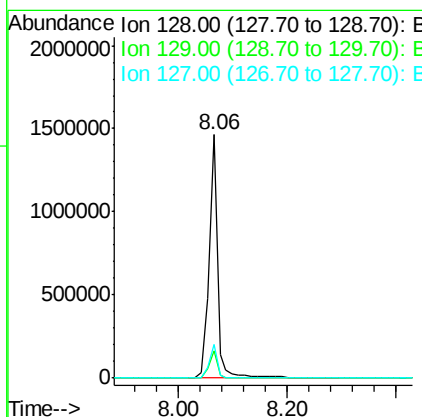
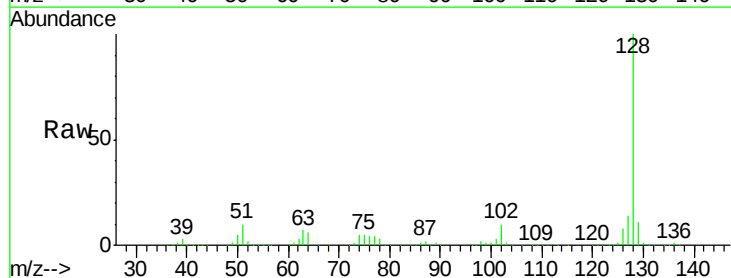
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B3COMPDL

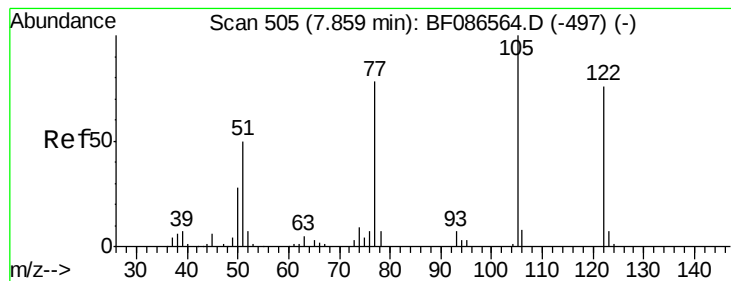
Tgt Ion: 82 Resp: 106121
 Ion Ratio Lower Upper
 82 100
 128 41.6 40.6 61.0
 54 62.6 38.1 57.1#



#31
 Naphthalene
 Concen: 42.90 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF086633.D
 Acq: 2 May 2016 22:45

Tgt Ion: 128 Resp: 1593043
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 13.6 10.8 16.2





#32

Benzoic acid

Concen: 9.22 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.17 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL

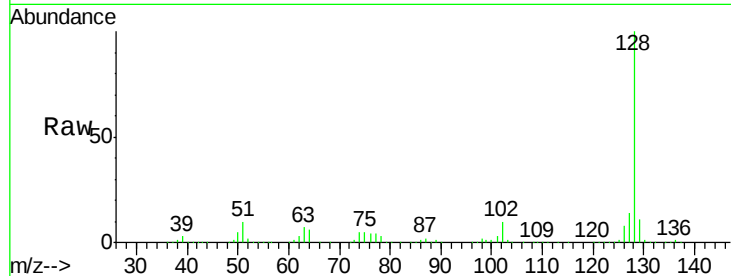
Tgt Ion:122 Resp: 3681

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

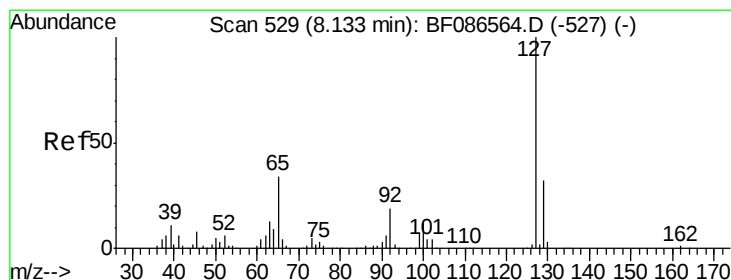
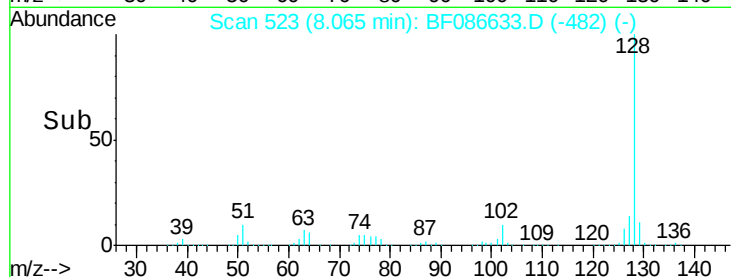
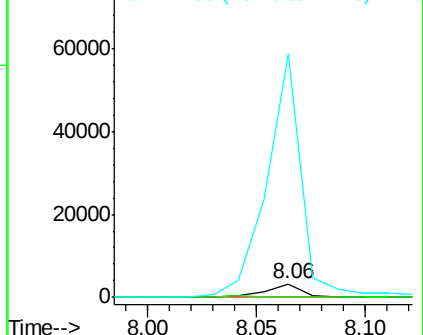
77 1766.4 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 15.31 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.10 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Tgt Ion:127 Resp: 212912

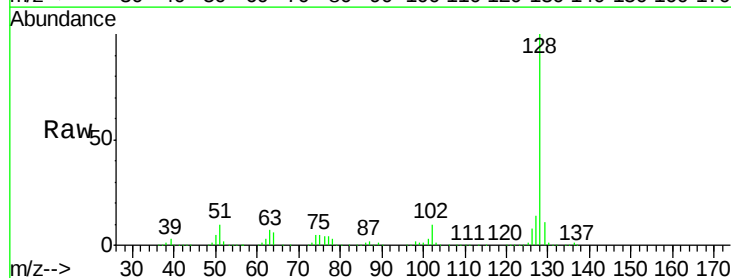
Ion Ratio Lower Upper

127 100

129 82.7 26.2 39.4#

65 0.0 23.0 34.4#

92 0.0 15.1 22.7#

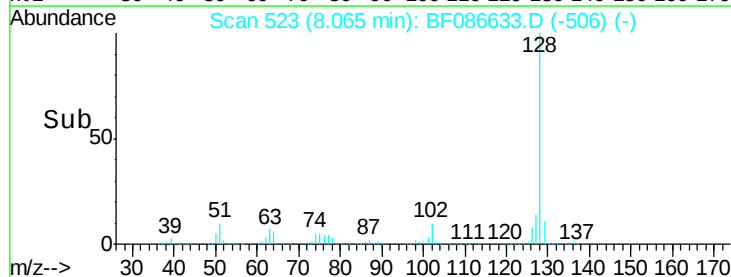
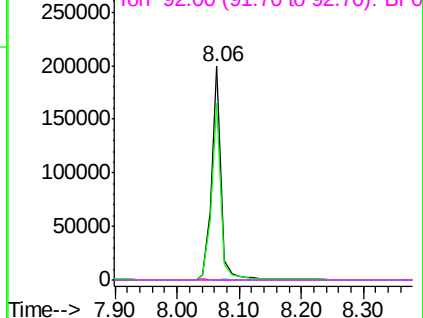


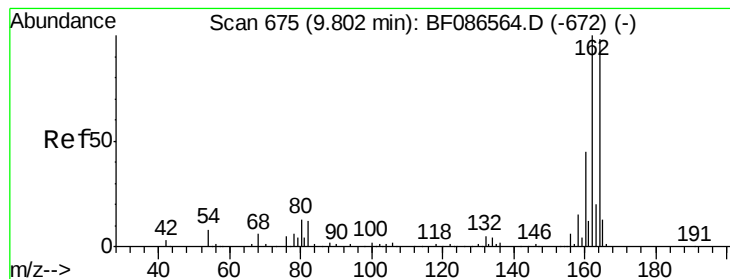
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Instrument :

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ClientSampleId :

TEC-B3COMPDL

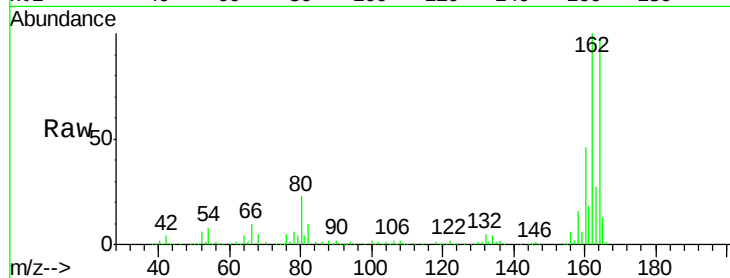
Tgt Ion:164 Resp: 358477

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

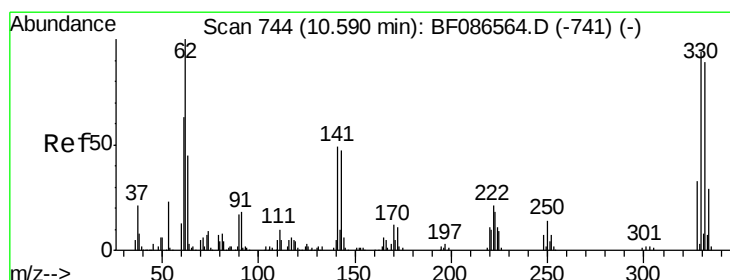
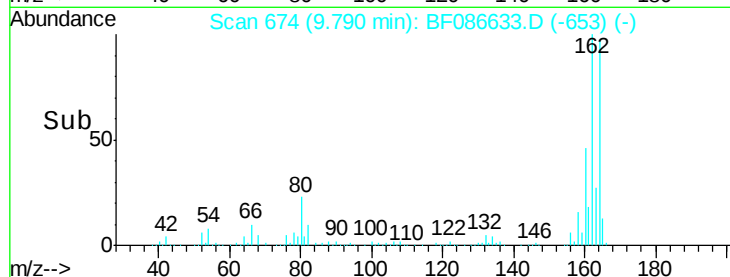
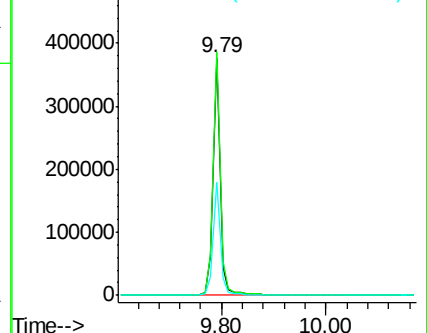
160 47.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 13.25 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.06 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

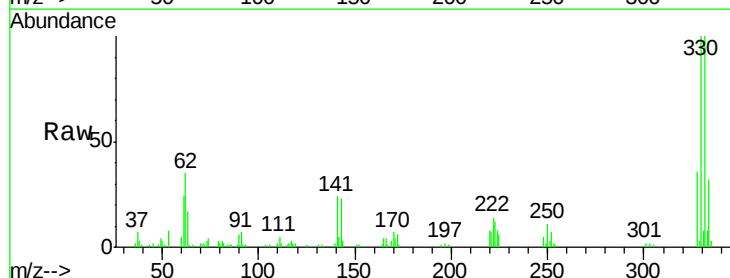
Tgt Ion:330 Resp: 50074

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

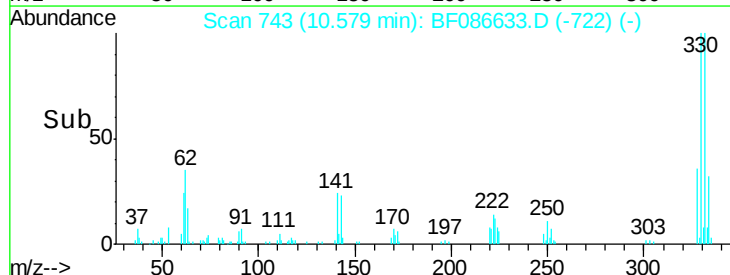
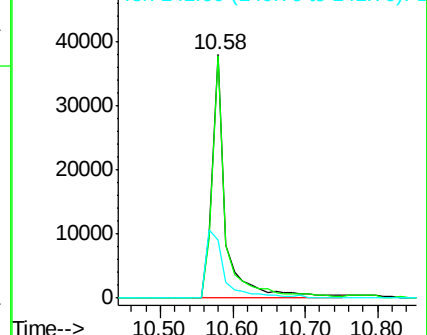
141 38.2 31.2 46.8

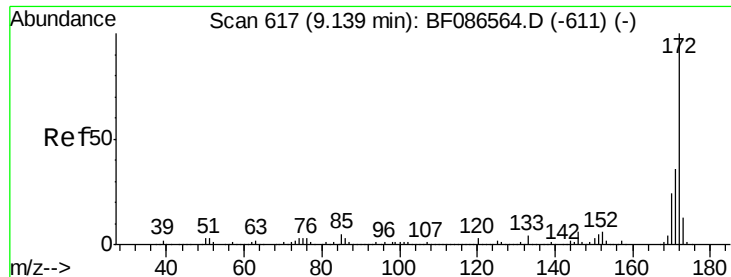


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

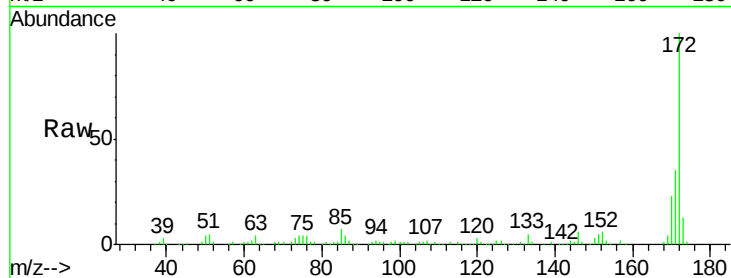




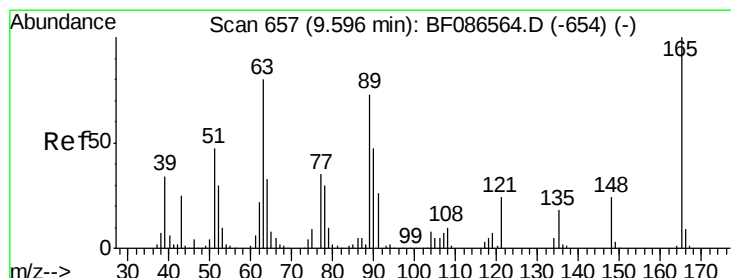
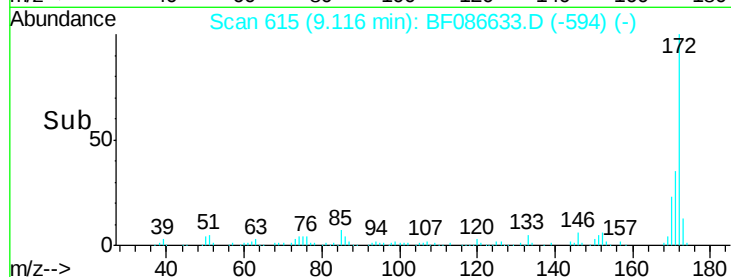
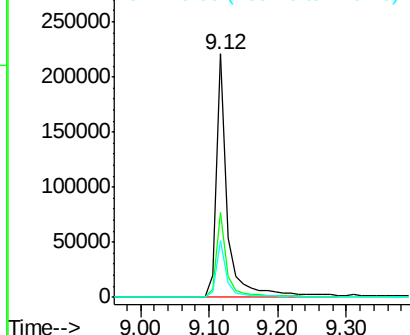
#44
 2-Fluorobiphenyl
 Concen: 5.15 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086633.D
 Acq: 2 May 2016 22:45

Instrument :
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 TEC-B3COMPDL

Tgt Ion:172 Resp: 257632
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.0 43.6
 170 23.1 19.8 29.8

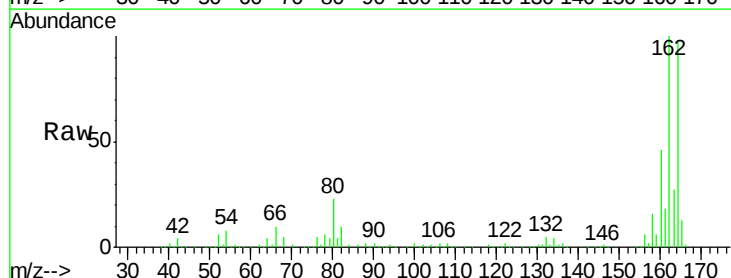


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

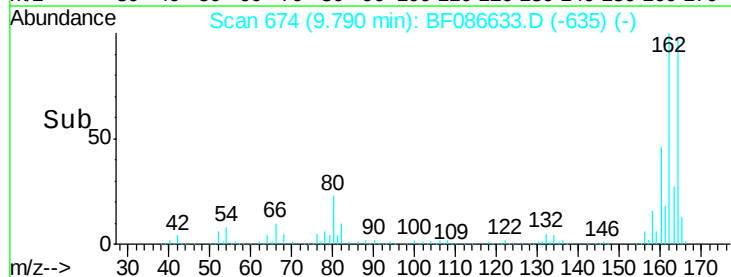
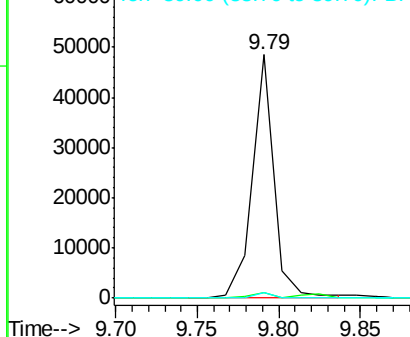


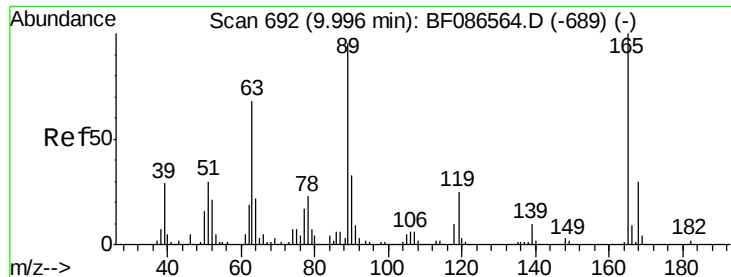
#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086633.D
 Acq: 2 May 2016 22:45

Tgt Ion:165 Resp: 44847
 Ion Ratio Lower Upper
 165 100
 63 2.2 51.8 77.8#
 89 2.0 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

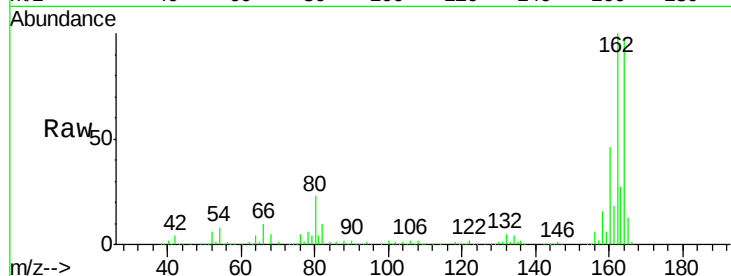




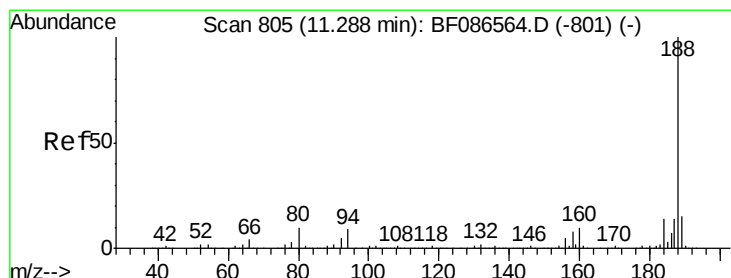
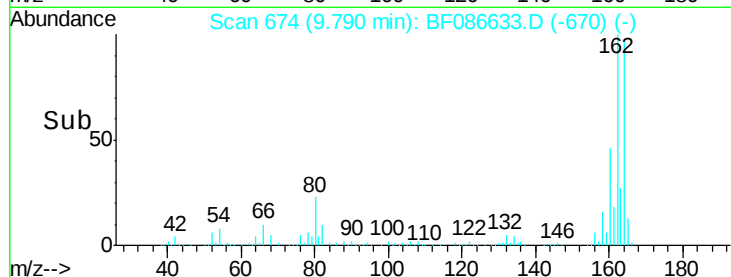
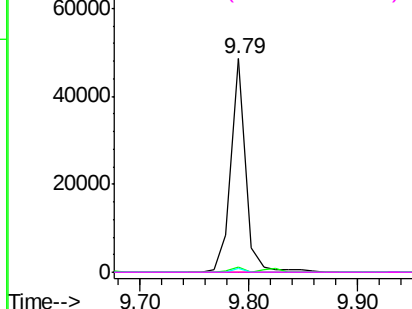
#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086633.D
 Acq: 2 May 2016 22:45

Instrument :
 BNA_F
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 TEC-B3COMPDL

Tgt Ion:165 Resp: 45443
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.3 66.5#
 89 2.0 70.0 105.0#
 182 0.0 1.8 2.6#

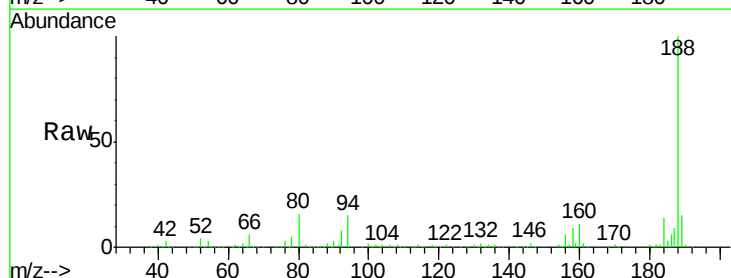


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

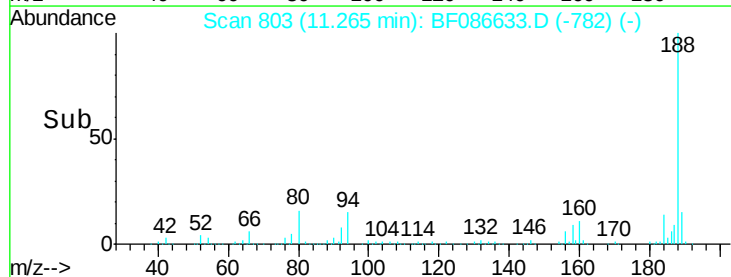
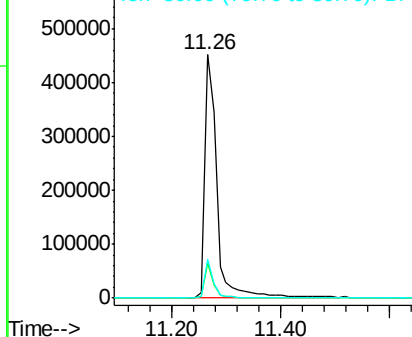


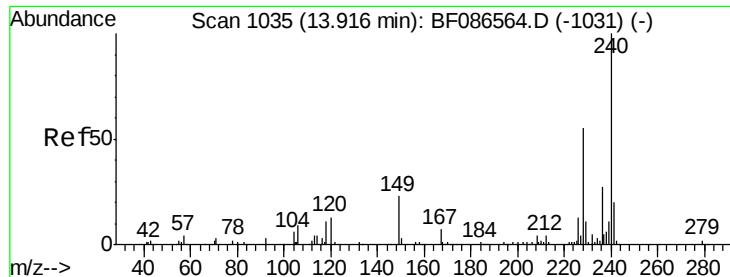
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086633.D
 Acq: 2 May 2016 22:45

Tgt Ion:188 Resp: 692026
 Ion Ratio Lower Upper
 188 100
 94 14.6 6.8 10.2#
 80 15.9 7.1 10.7#



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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL

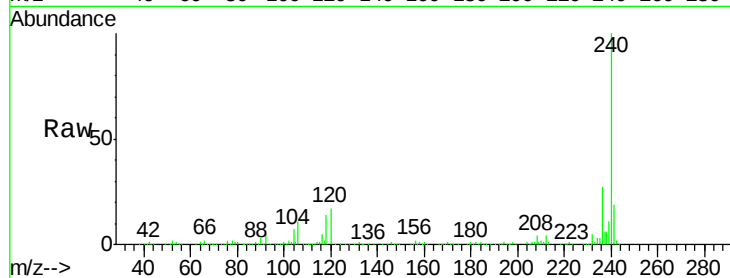
Tgt Ion:240 Resp: 559013

Ion Ratio Lower Upper

240 100

120 16.6 11.2 16.8

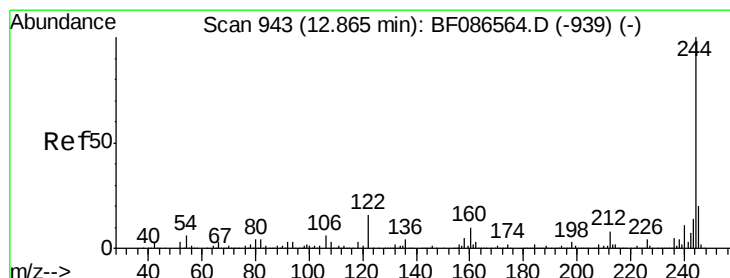
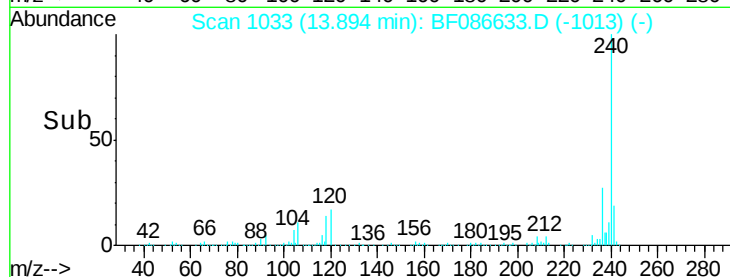
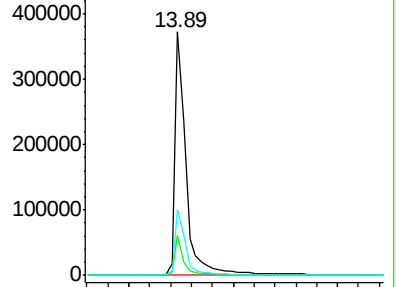
236 26.8 21.2 31.8



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: 10.43 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

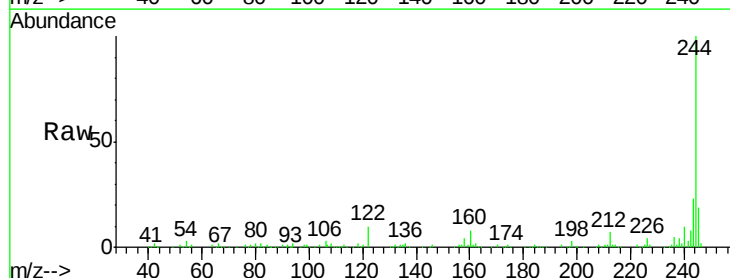
Tgt Ion:244 Resp: 264717

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

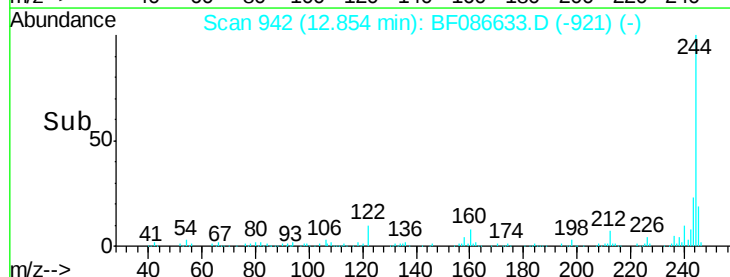
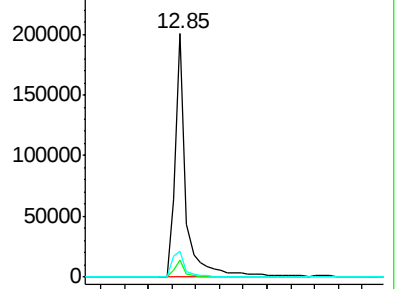
122 10.4 12.0 18.0#

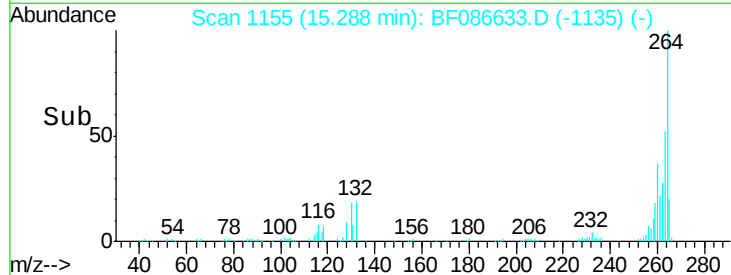
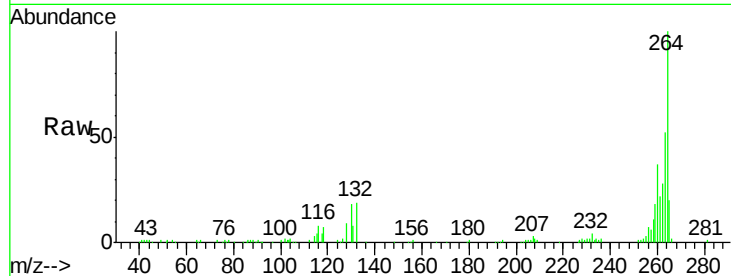
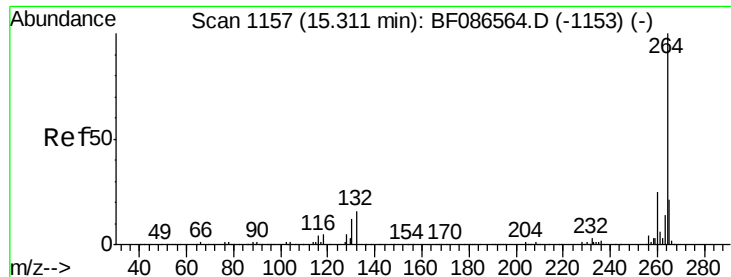


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF086633.D

Acq: 2 May 2016 22:45

Instrument :

BNA_F

ClientSampleId :

TEC-B3COMPDL

Tgt Ion: 264 Resp: 149002

Ion Ratio Lower Upper

264 100

260 36.6 19.5 29.3#

265 19.6 17.3 25.9

