

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086627.D
 Acq On : 2 May 2016 19:50
 Operator : UM/SJ
 Sample : H2716-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-3(16-23FTBGS)

Quant Time: May 03 01:18:16 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

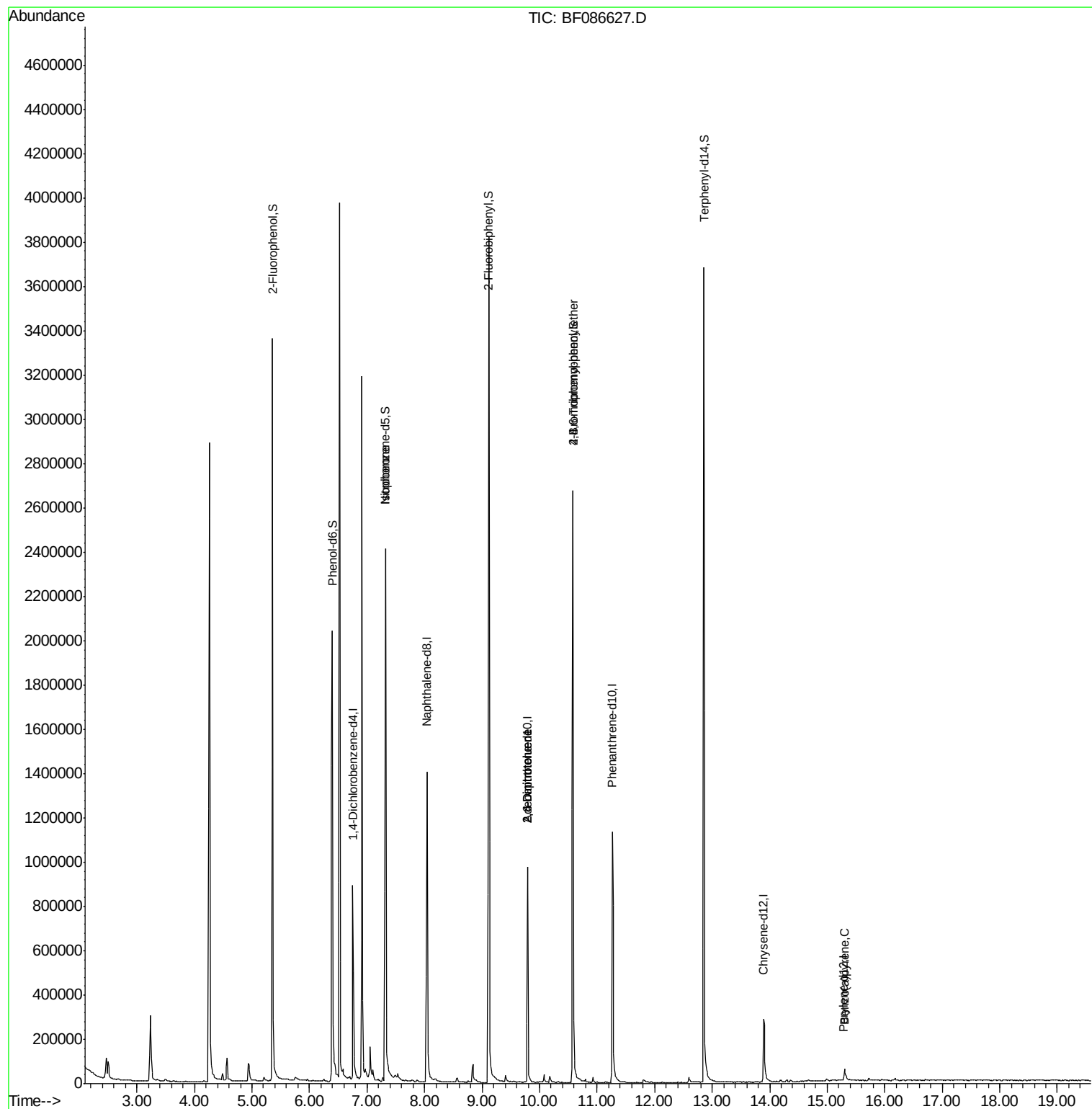
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167142	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	720525	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	184987	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	533762	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	100961	20.00	ng	-0.07
86) Perylene-d12	15.29	264	1862	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	925559	95.52	ng	-0.03
7) Phenol-d6	6.40	99	811360	59.99	ng	-0.05
23) Nitrobenzene-d5	7.32	82	895110	66.96	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	364468	186.83	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1373956	151.02	ng	-0.06
78) Terphenyl-d14	12.85	244	1140960	248.97	ng	-0.06
Target Compounds						
25) Isophorone	7.32	82	660188	25.66	ng	# 68
50) 2,6-Dinitrotoluene	9.79	165	21897	7.61	ng	# 23
56) 2,4-Dinitrotoluene	9.79	165	21894	5.97	ng	# 18
66) 4-Bromophenyl-phenylether	10.58	248	22457	4.08	ng	# 1
89) Benzo(a)pyrene	15.30	252	1178	11.39	ng	# 1

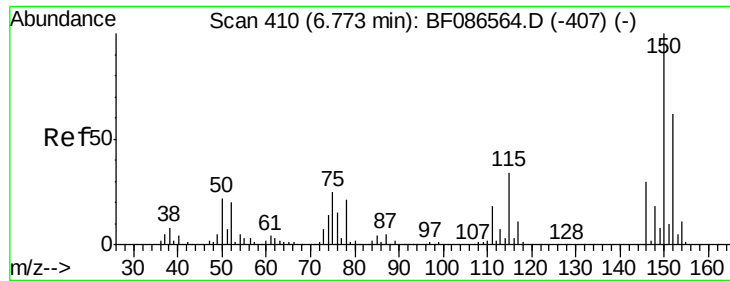
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
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Quant Time: May 03 01:18:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

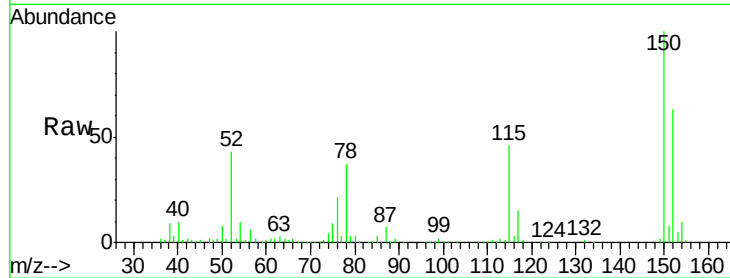
Tgt Ion:152 Resp: 167142

Ion Ratio Lower Upper

152 100

150 159.9 125.8 188.6

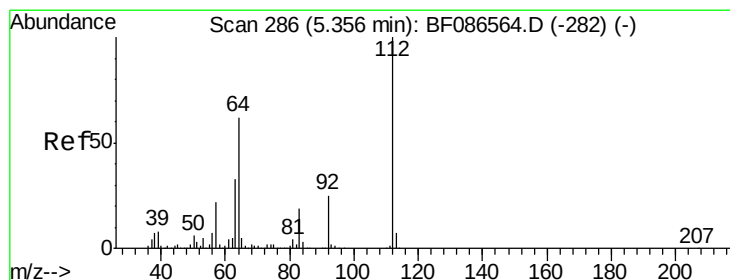
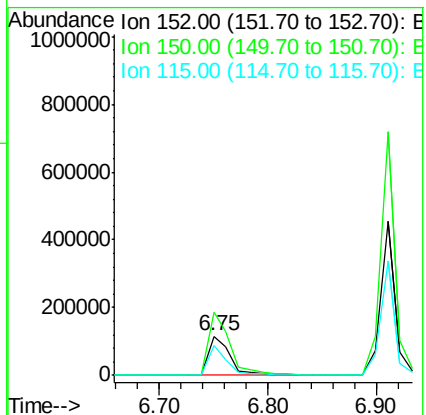
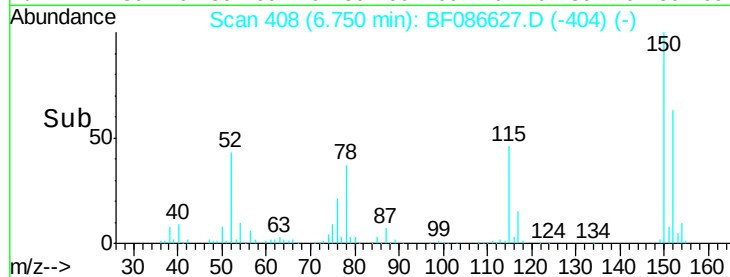
115 74.2 51.5 77.3



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: 95.52 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

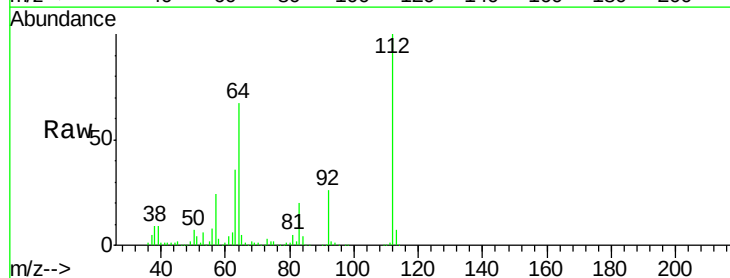
Tgt Ion:112 Resp: 925559

Ion Ratio Lower Upper

112 100

64 66.7 52.1 78.1

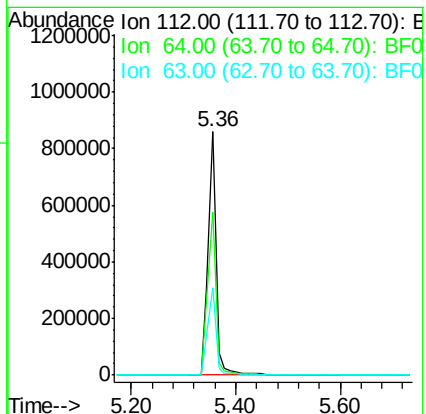
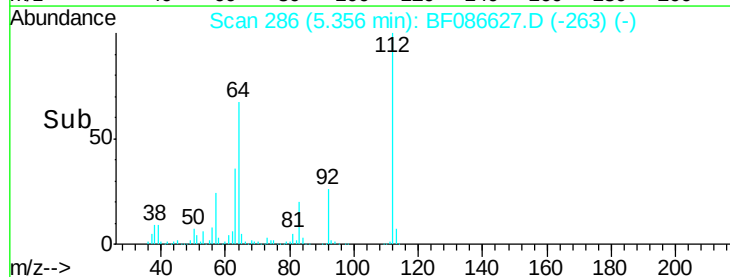
63 36.0 25.7 38.5

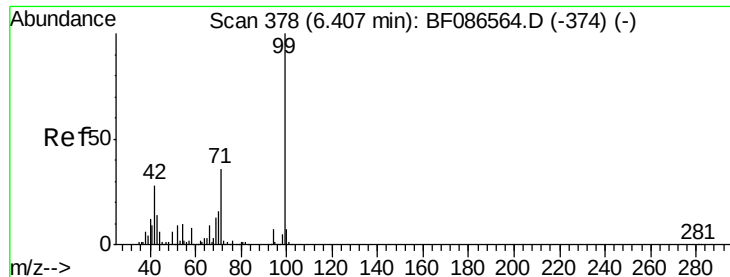


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.99 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

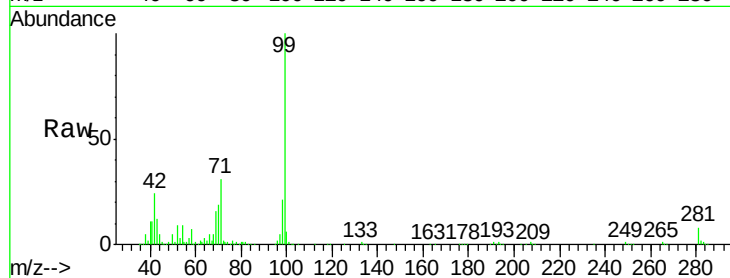
Tgt Ion: 99 Resp: 811360

Ion Ratio Lower Upper

99 100

42 24.0 13.6 20.4#

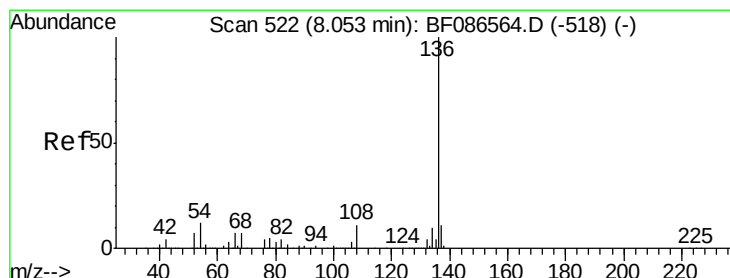
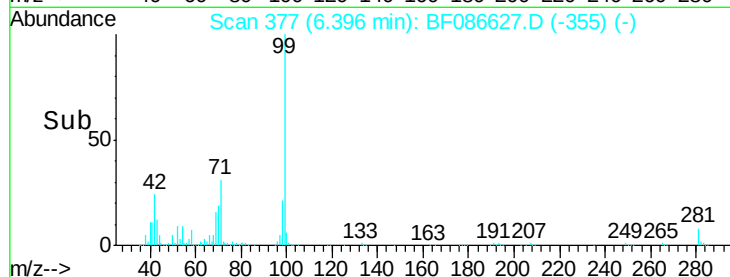
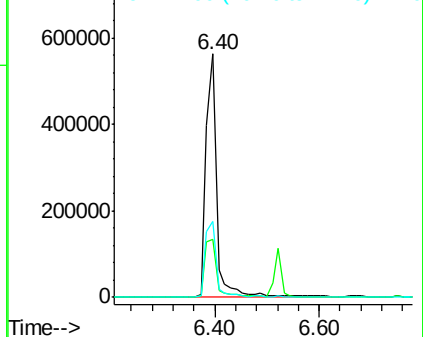
71 31.3 24.6 36.8



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: BF086627.D

Acq: 2 May 2016 19:50

Tgt Ion: 136 Resp: 720525

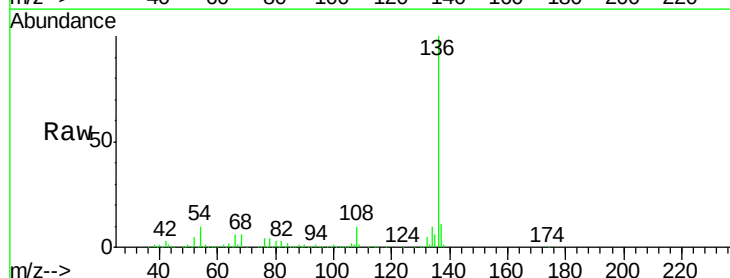
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.4 5.0 7.4#

68 6.2 4.4 6.6

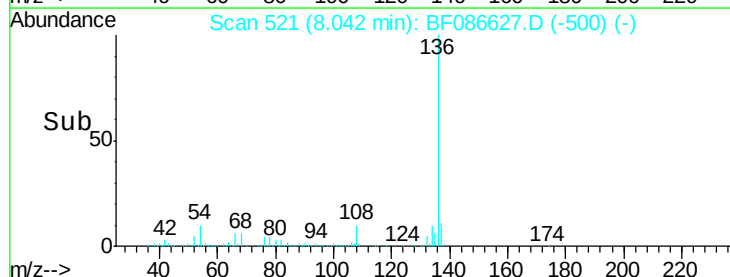
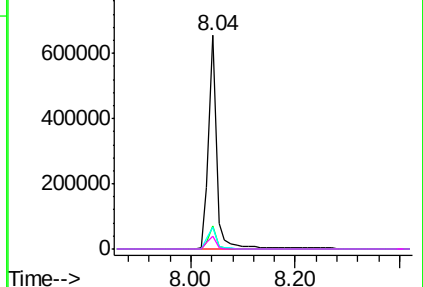


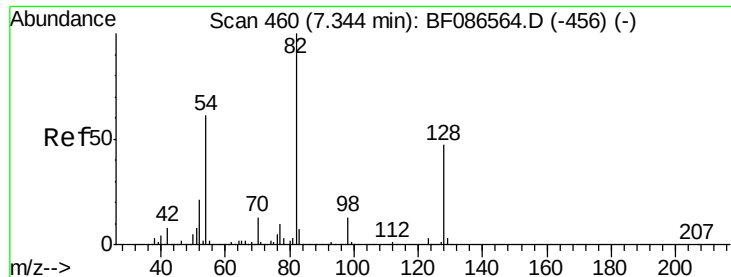
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.96 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

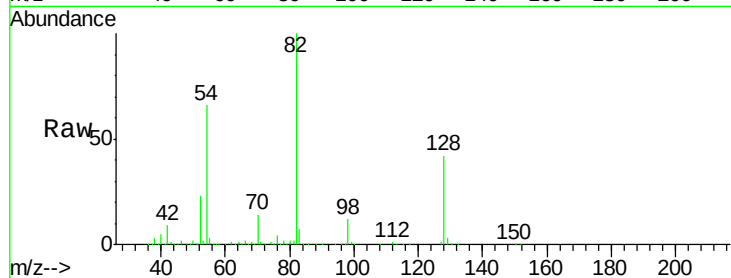
Tgt Ion: 82 Resp: 895110

Ion Ratio Lower Upper

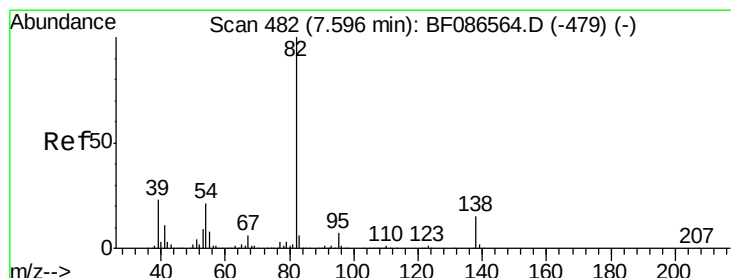
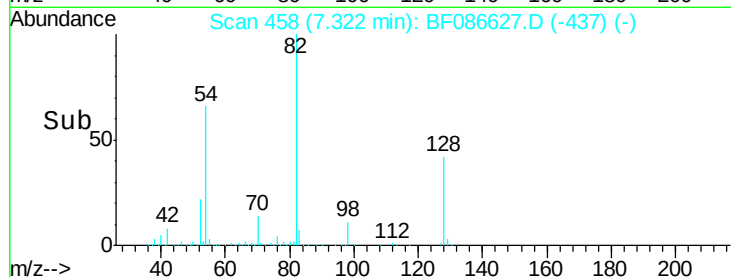
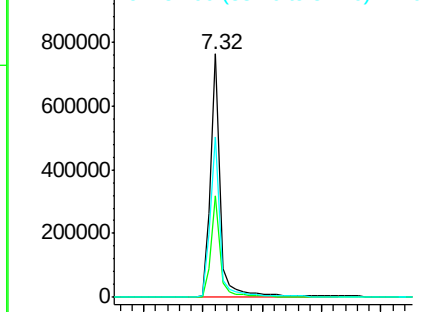
82 100

128 41.5 40.6 61.0

54 65.8 38.1 57.1#



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



#25

Isophorone

Concen: 25.66 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.32 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

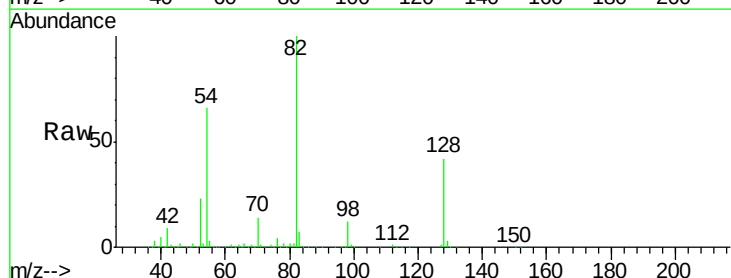
Tgt Ion: 82 Resp: 660188

Ion Ratio Lower Upper

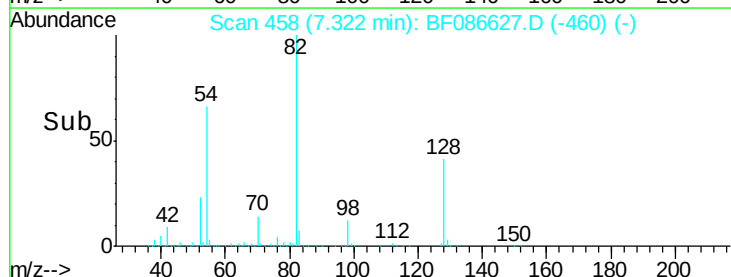
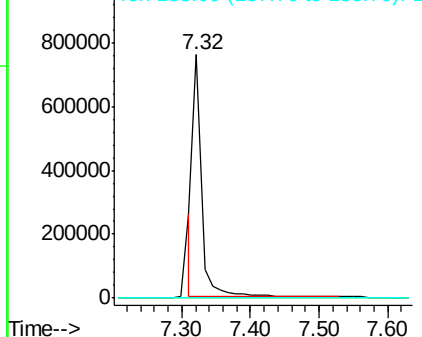
82 100

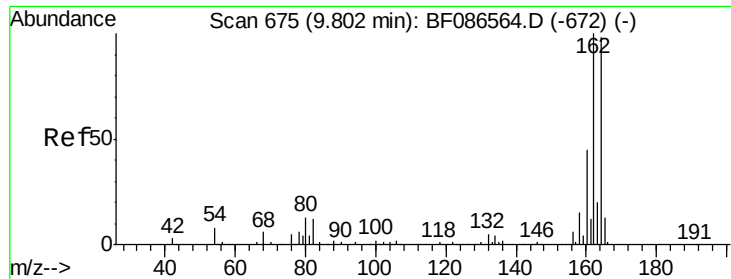
95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

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ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

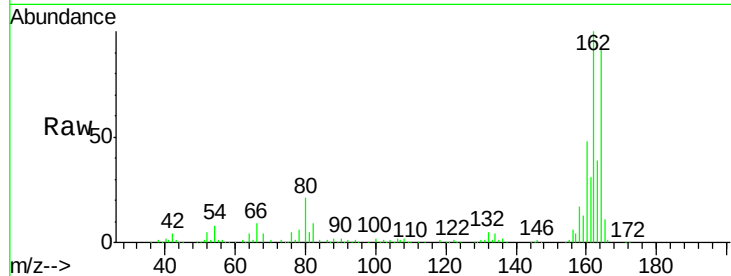
Tgt Ion:164 Resp: 184987

Ion Ratio Lower Upper

164 100

162 108.2 82.8 124.2

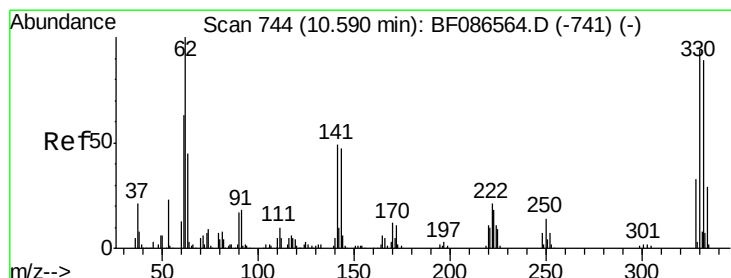
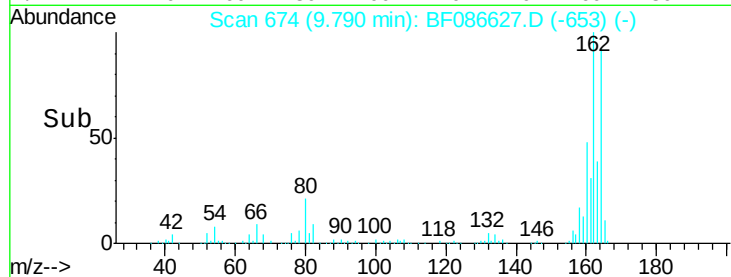
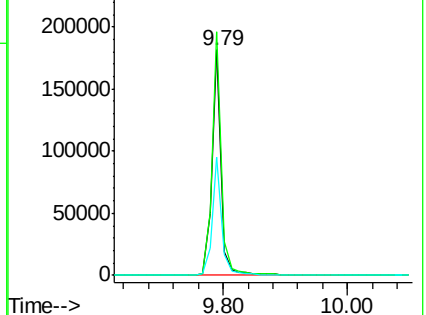
160 52.3 36.9 55.3



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: 186.83 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.06 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

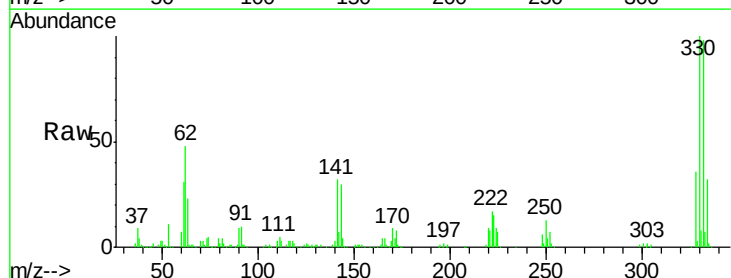
Tgt Ion:330 Resp: 364468

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

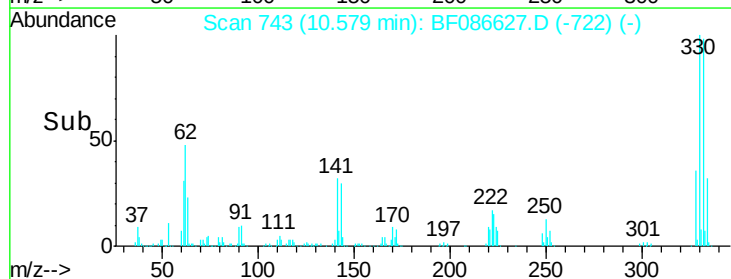
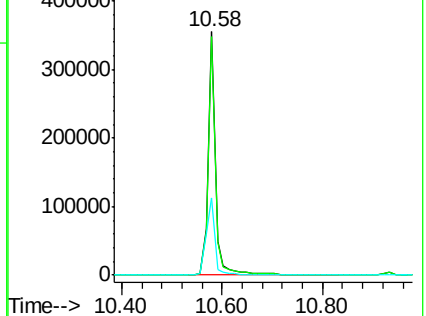
141 38.2 31.2 46.8

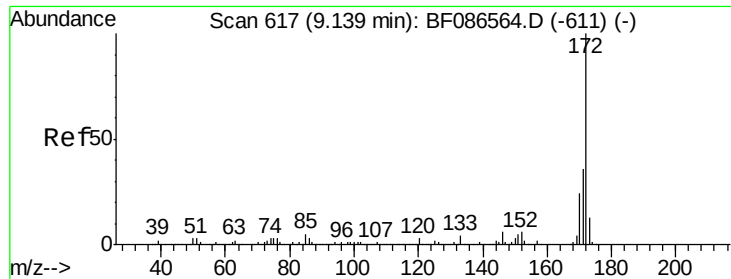


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 151.02 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.06 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

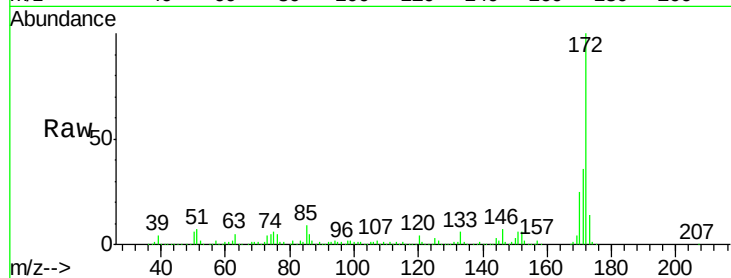
Tgt Ion:172 Resp: 1373956

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

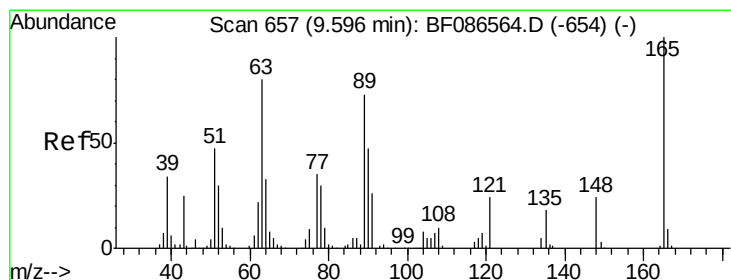
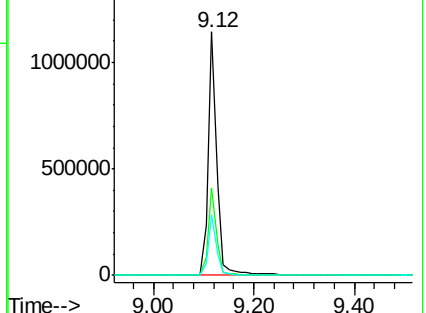
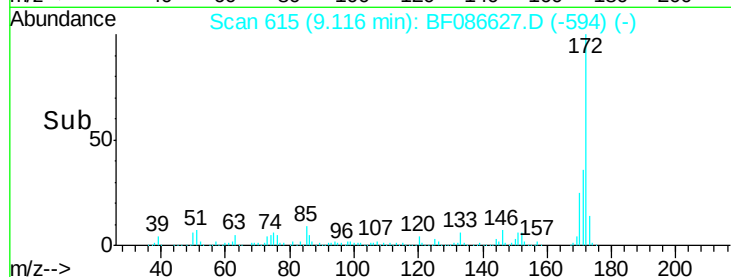
170 24.7 19.8 29.8



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: 7.61 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.15 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

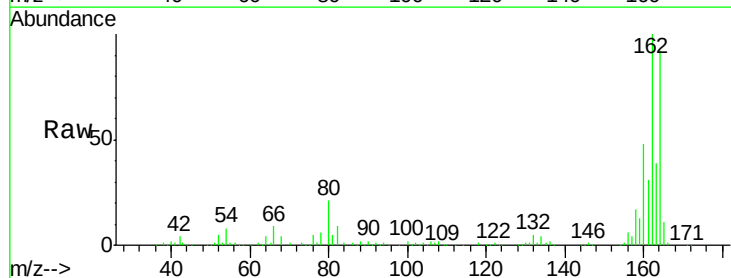
Tgt Ion:165 Resp: 21897

Ion Ratio Lower Upper

165 100

63 3.7 51.8 77.8#

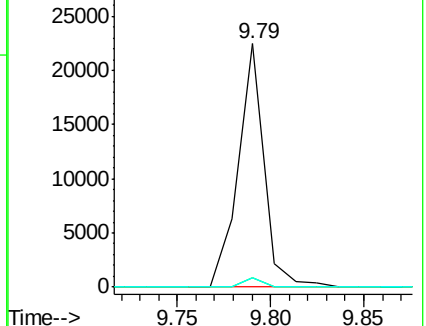
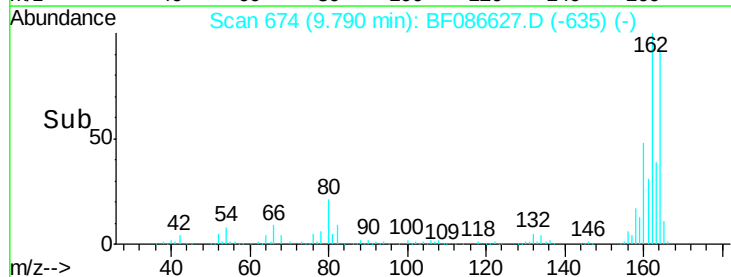
89 3.9 50.7 76.1#

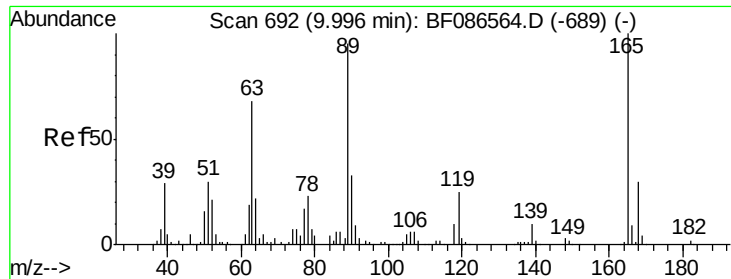


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

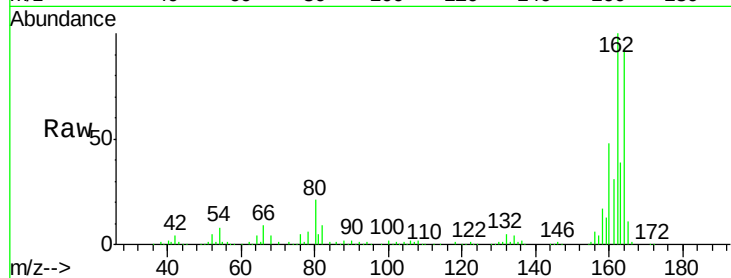




#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086627.D
Acq: 2 May 2016 19:50

Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-3(16-23FTBGS)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.7	44.3	66.5#
89	3.9	70.0	105.0#
182	0.0	1.8	2.6#

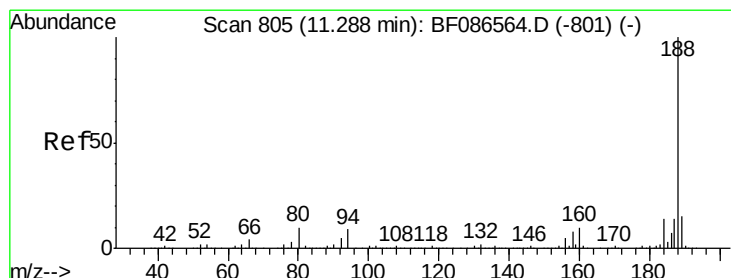
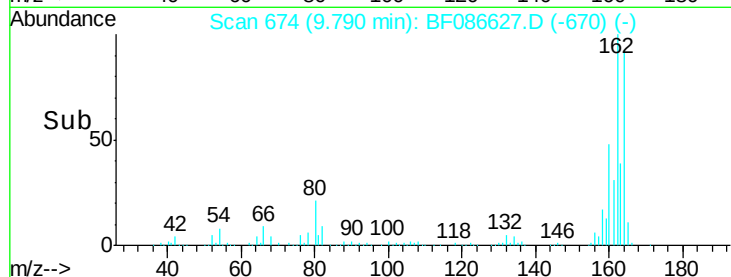
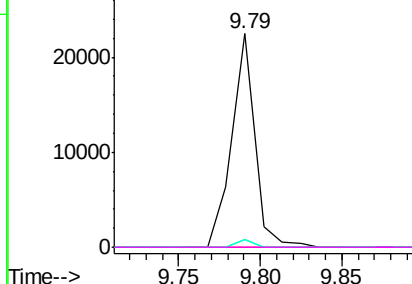


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

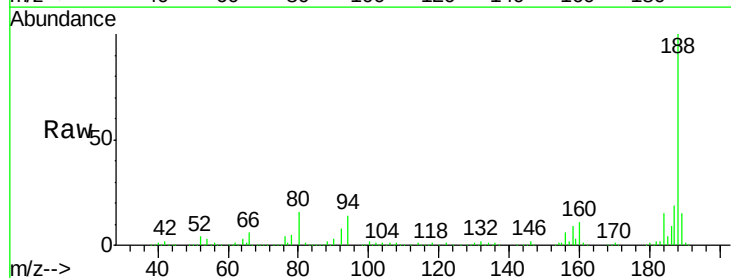
Ion 89.00 (88.70 to 89.70): BF0

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: BF086627.D
Acq: 2 May 2016 19:50

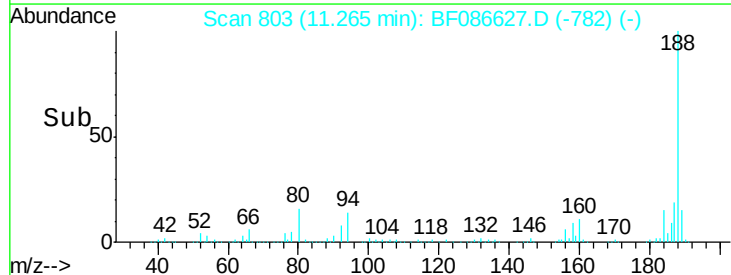
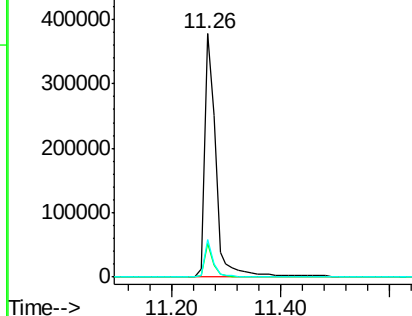
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.6	6.8	10.2#
80	15.6	7.1	10.7#

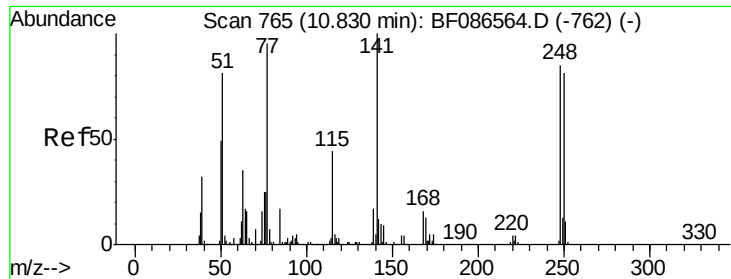


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

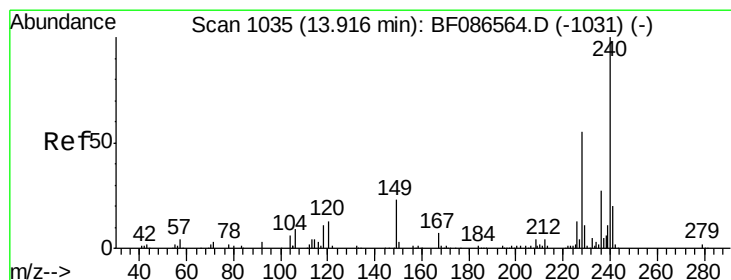
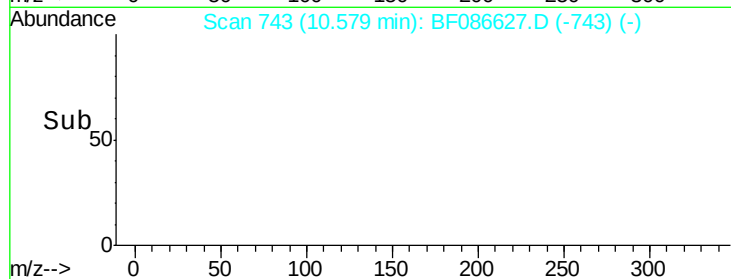
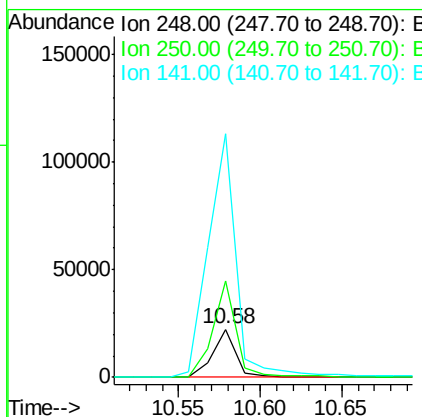
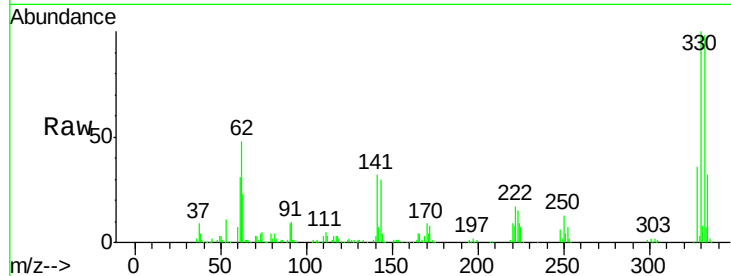




#66
 4-Bromophenyl-phenylether
 Concen: 4.08 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.30 min
 Lab File: BF086627.D
 Acq: 2 May 2016 19:50

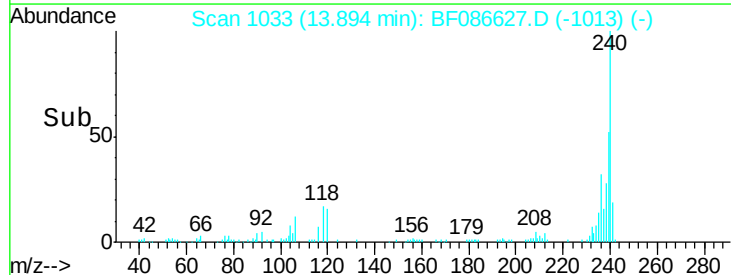
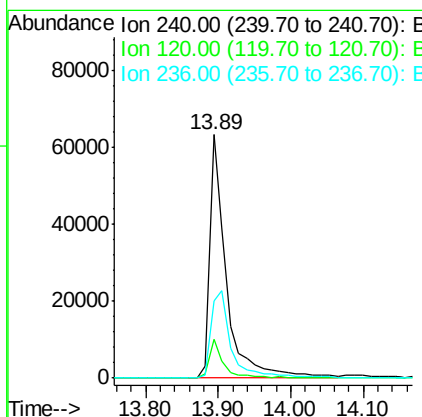
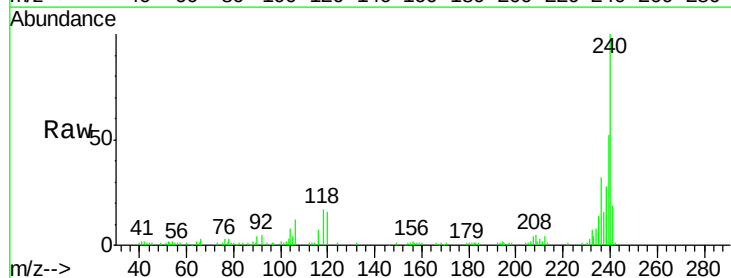
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-3(16-23FTBGS)

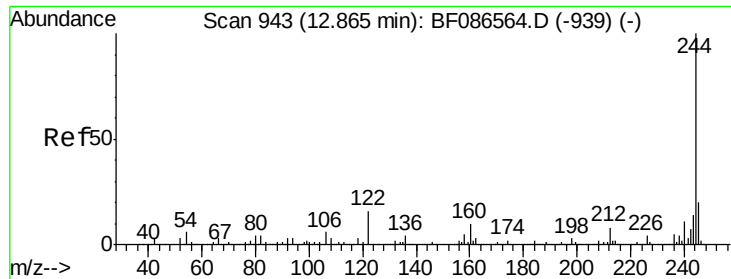
Tgt Ion:248 Resp: 22457
 Ion Ratio Lower Upper
 248 100
 250 198.2 78.6 117.8#
 141 503.0 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.07 min
 Lab File: BF086627.D
 Acq: 2 May 2016 19:50

Tgt Ion:240 Resp: 100961
 Ion Ratio Lower Upper
 240 100
 120 16.1 11.2 16.8
 236 31.7 21.2 31.8





#78

Terphenyl-d14

Concen: 248.97 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

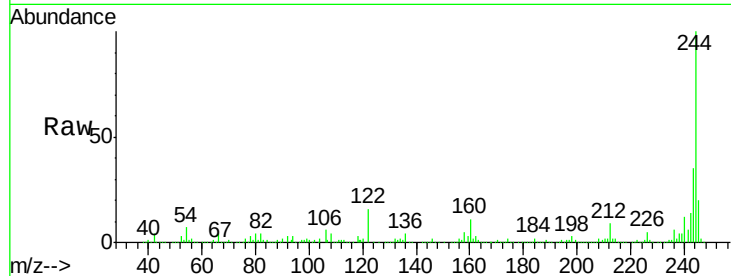
Tgt Ion:244 Resp: 1140960

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

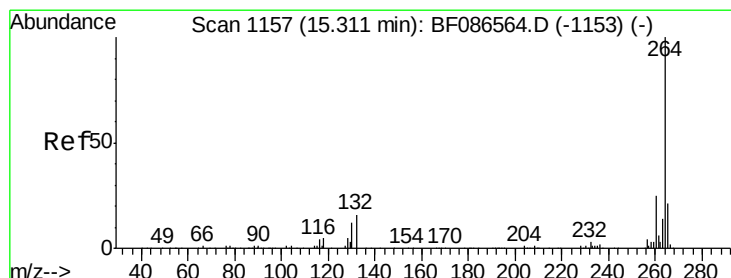
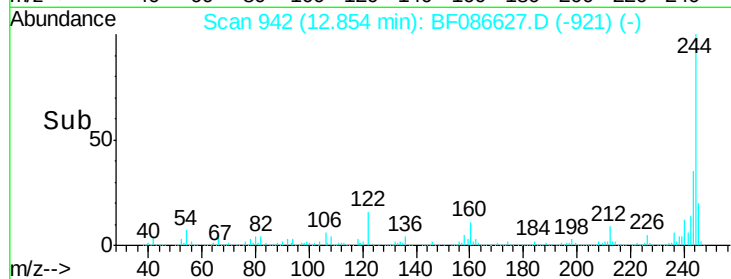
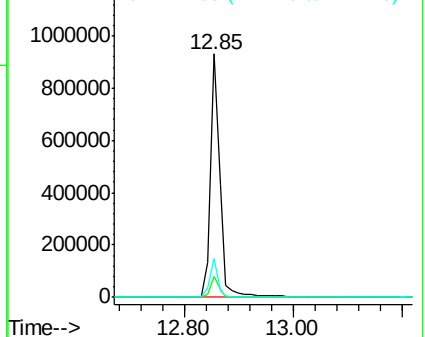
122 16.2 12.0 18.0



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: BF086627.D

Acq: 2 May 2016 19:50

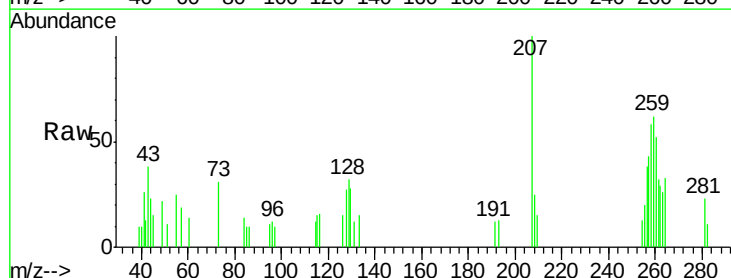
Tgt Ion:264 Resp: 1862

Ion Ratio Lower Upper

264 100

260 159.4 19.5 29.3#

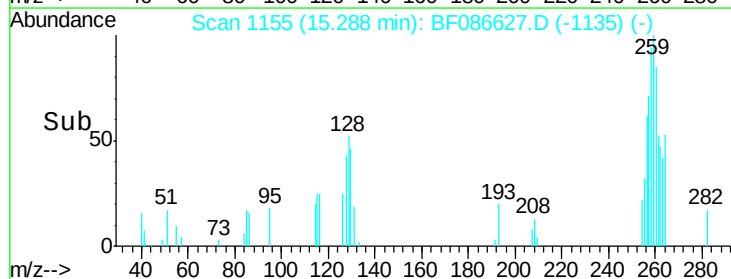
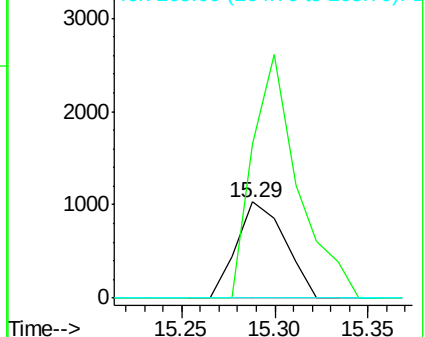
265 0.0 17.3 25.9#

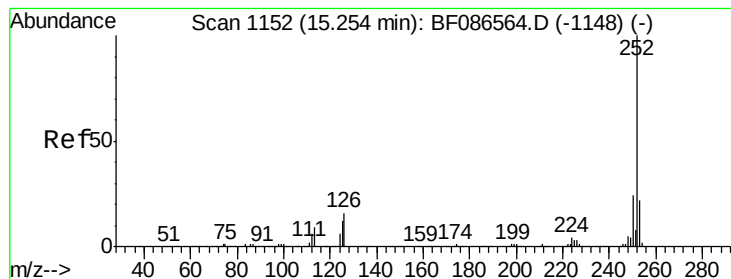


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 11.39 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF086627.D

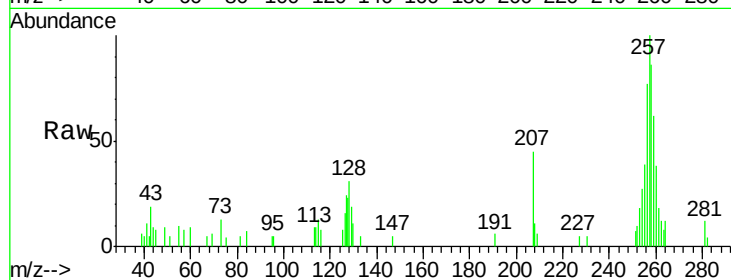
Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)



Tgt Ion:	252	Resp:	1178
Ion	Ratio	Lower	Upper
252	100		
253	172.3	17.2	25.8#
125	74.4	9.0	13.6#

