

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086662.D
 Acq On : 4 May 2016 00:54
 Operator : UM/SJ
 Sample : H2716-14RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 04 02:34:51 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

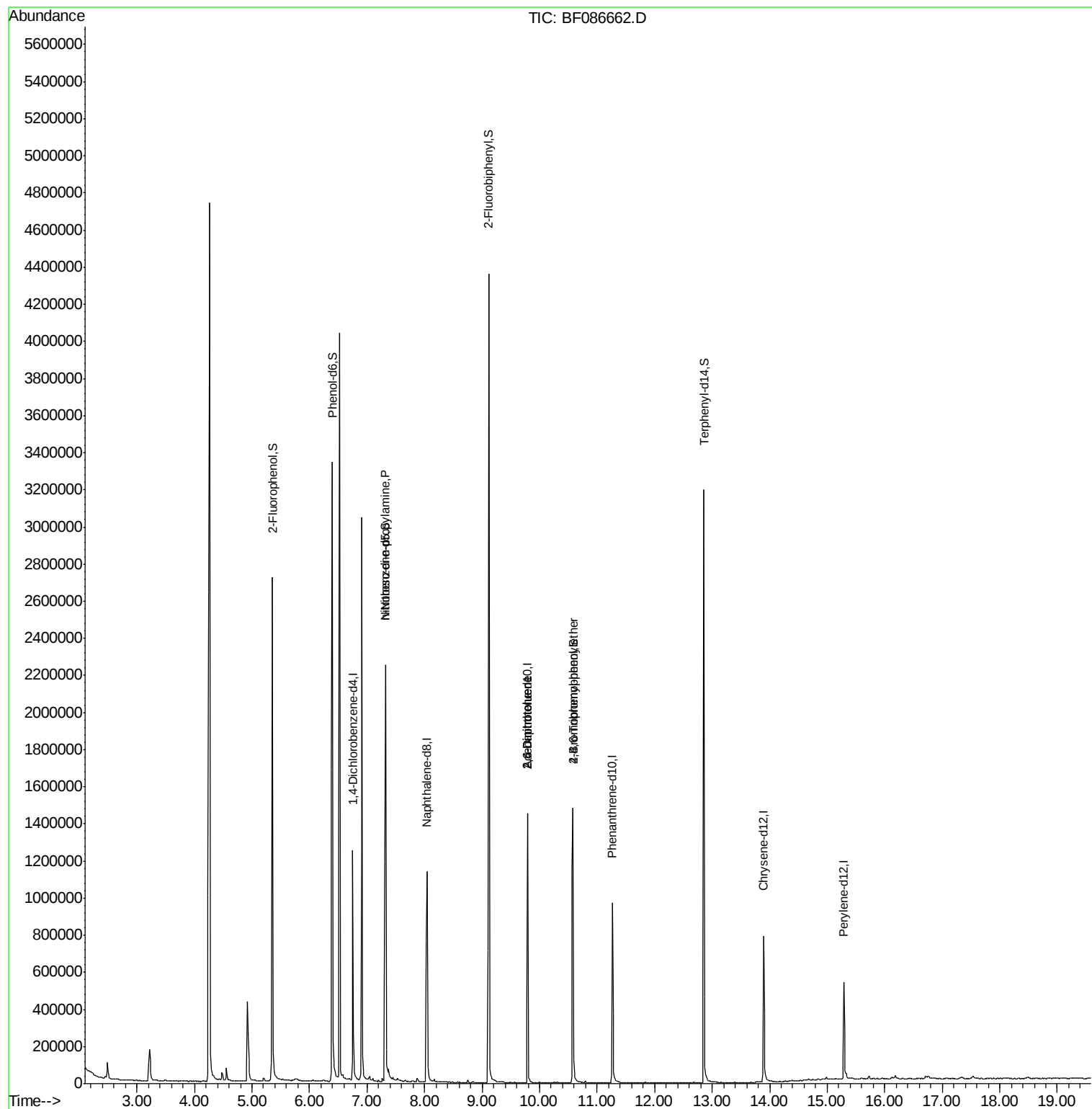
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180740	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	680031	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	279717	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	418581	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	339060	20.00	ng	-0.07
86) Perylene-d12	15.29	264	247218	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	979759	93.50	ng	-0.03
7) Phenol-d6	6.40	99	1206744	82.51	ng	-0.05
23) Nitrobenzene-d5	7.32	82	882193	69.93	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	245973	83.39	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1243309	75.96	ng	-0.06
78) Terphenyl-d14	12.85	244	945791	61.45	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	118603	12.27	ng	# 80
50) 2,6-Dinitrotoluene	9.79	165	34933	8.03	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	34934	6.30	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	14245	3.30	ng	# 1

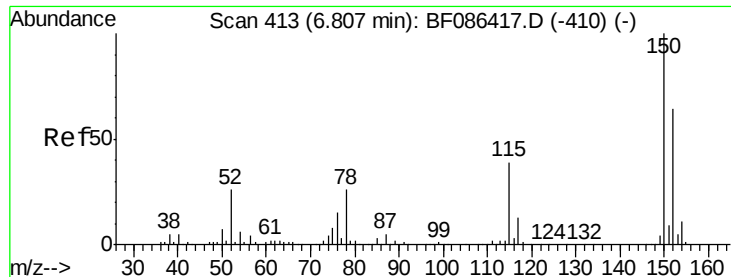
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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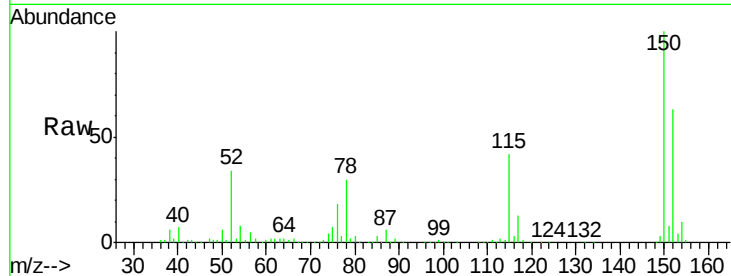


#1

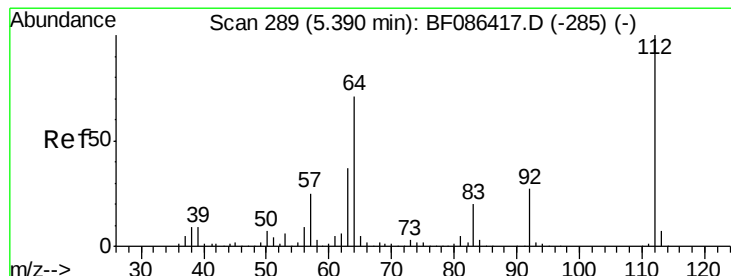
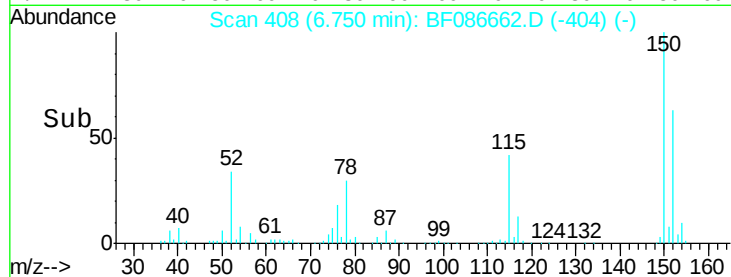
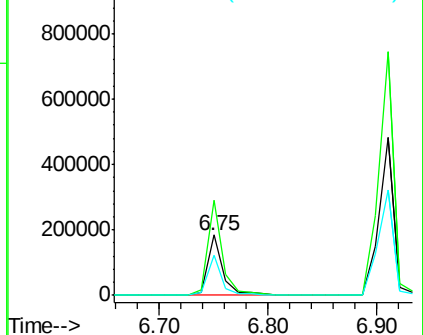
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

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

Tgt Ion:152 Resp: 180740
 Ion Ratio Lower Upper
 152 100
 150 159.2 125.8 188.6
 115 66.9 51.5 77.3



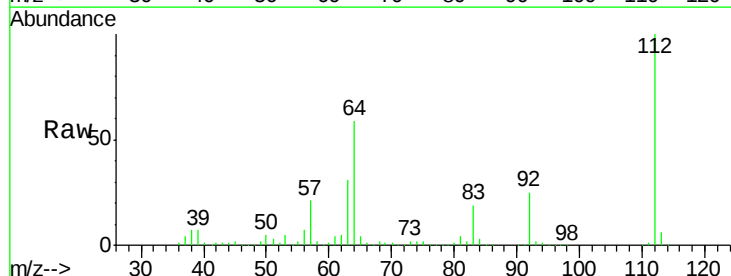
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



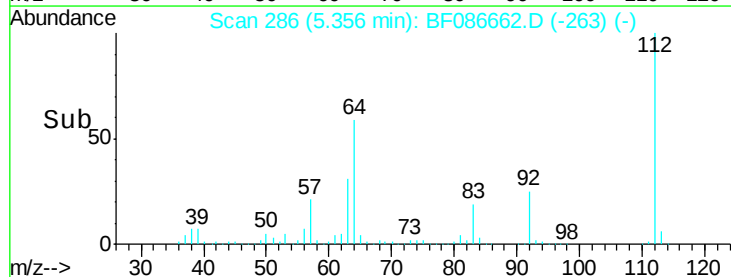
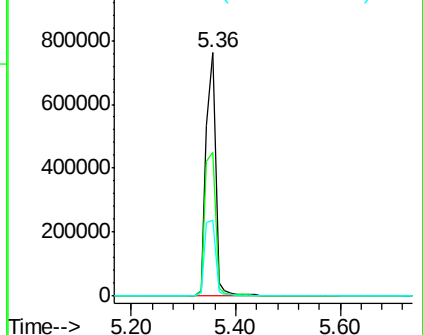
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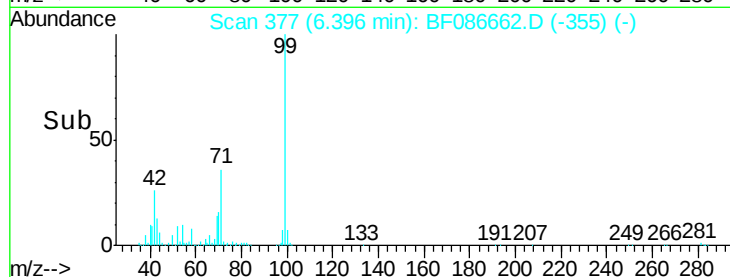
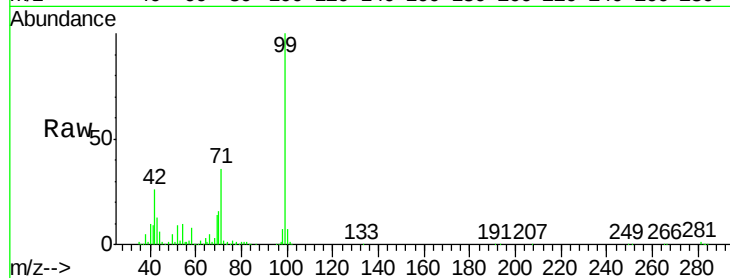
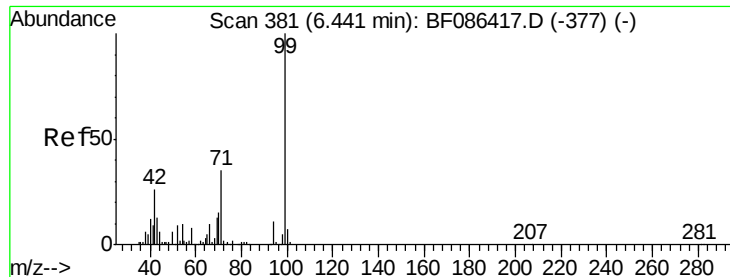
2-Fluorophenol
 Concen: 93.50 ng
 RT: 5.36 min Scan# 286
 Delta R.T. -0.03 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Tgt Ion:112 Resp: 979759
 Ion Ratio Lower Upper
 112 100
 64 59.2 52.1 78.1
 63 31.4 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: 82.51 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Instrument :

BNA_F

ClientSampleId :

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

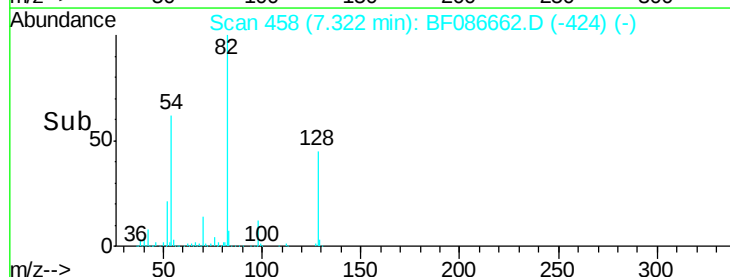
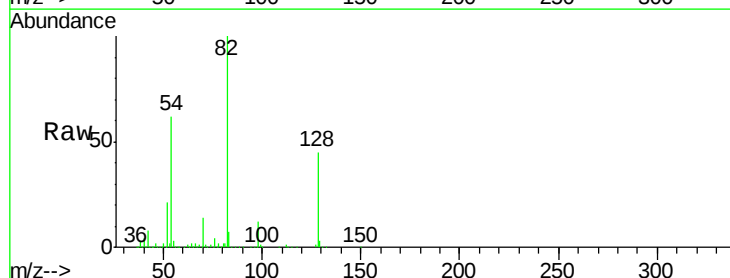
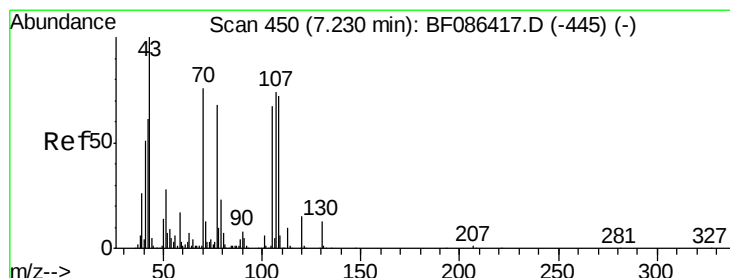
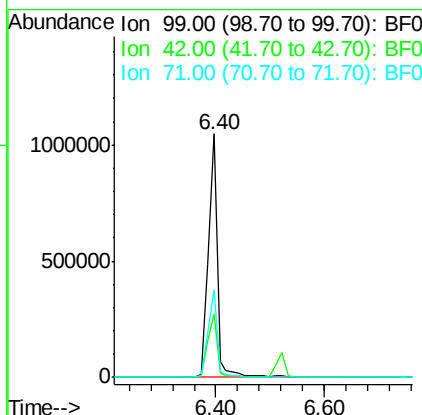
Tgt Ion: 99 Resp: 1206744

Ion Ratio Lower Upper

99 100

42 25.8 13.6 20.4#

71 36.1 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 12.27 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.09 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Tgt Ion: 70 Resp: 118603

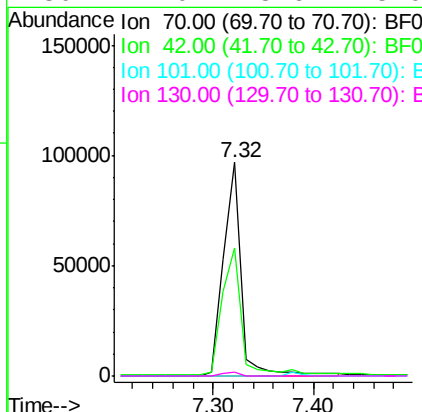
Ion Ratio Lower Upper

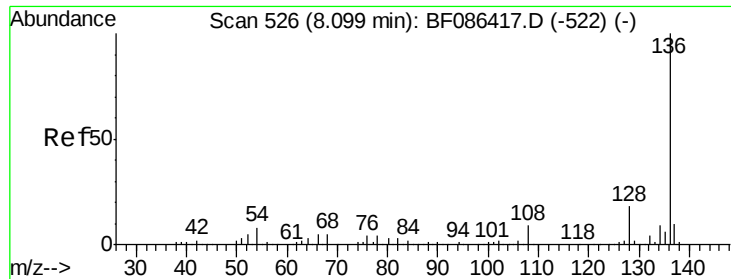
70 100

42 60.2 43.1 64.7

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

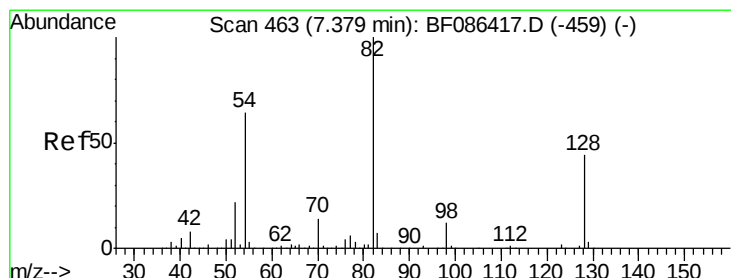
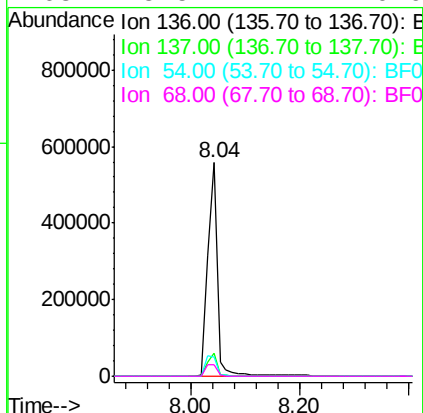
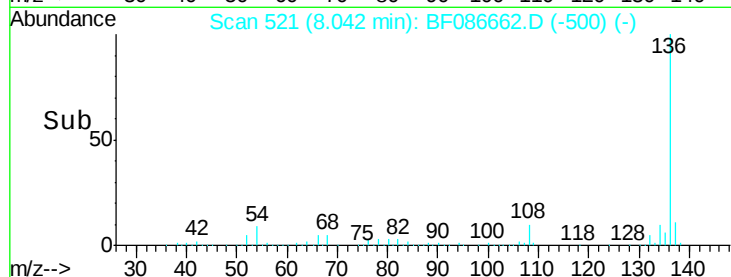
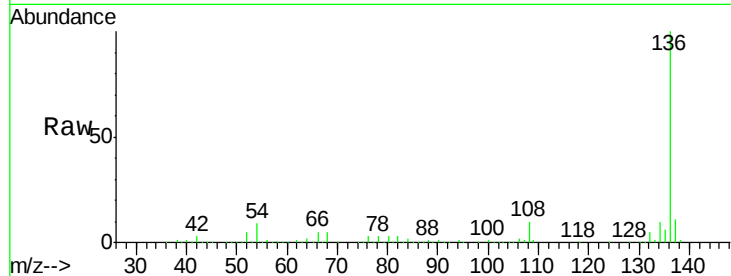




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086662.D
Acq: 4 May 2016 00:54

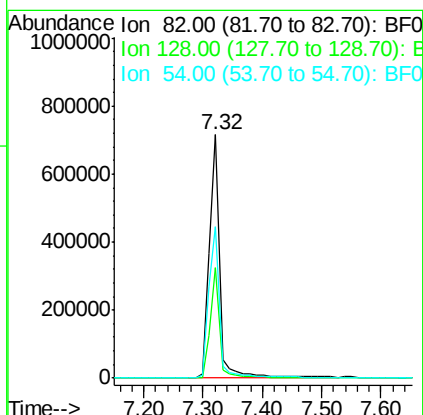
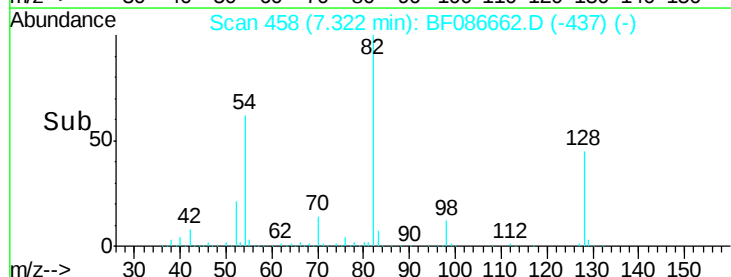
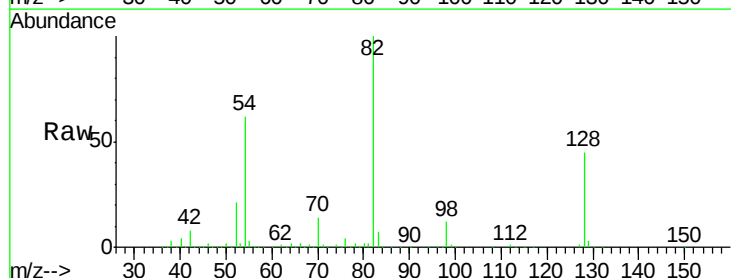
Instrument :
BNA_F
ClientSampleId :
26WARD-4-CS-3(16-23FTBGS)

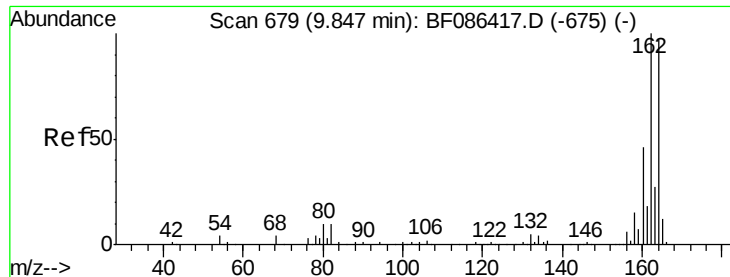
Tgt Ion:	136	Resp:	680031
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.9	5.0	7.4#
68	5.5	4.4	6.6



#23
Nitrobenzene-d5
Concen: 69.93 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086662.D
Acq: 4 May 2016 00:54

Tgt Ion:	82	Resp:	882193
Ion	Ratio	Lower	Upper
82	100		
128	45.3	40.6	61.0
54	62.4	38.1	57.1#

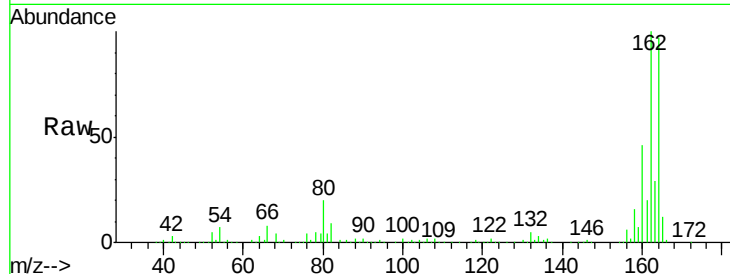




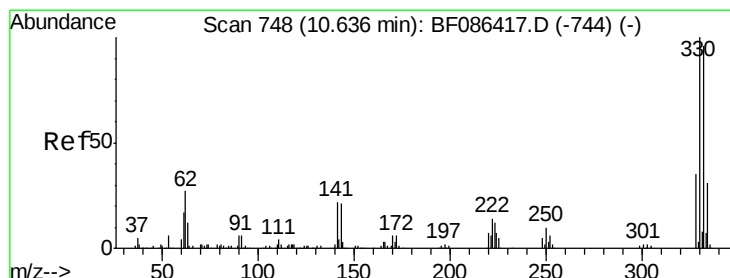
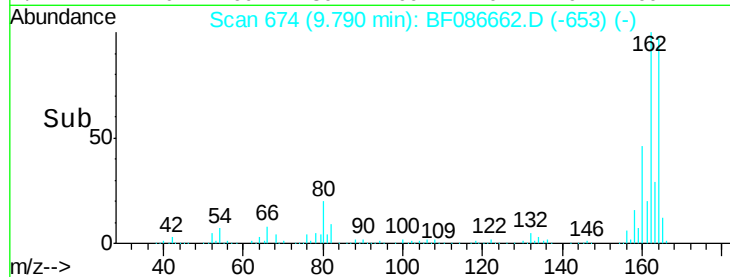
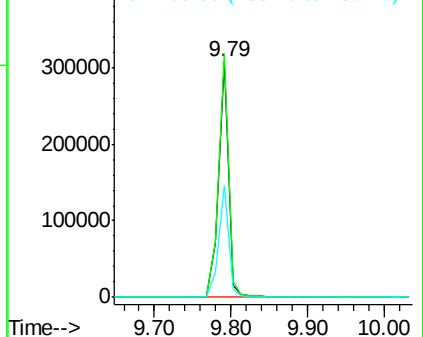
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

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

Tgt Ion:164 Resp: 279717
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 47.3 36.9 55.3

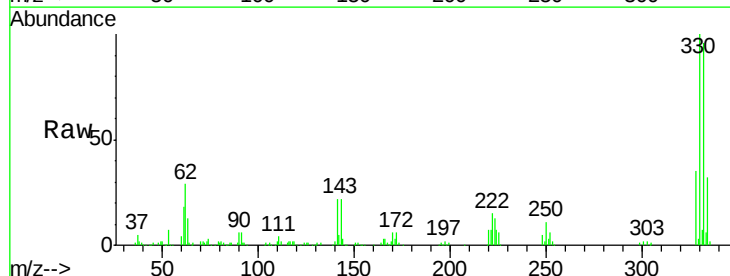


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

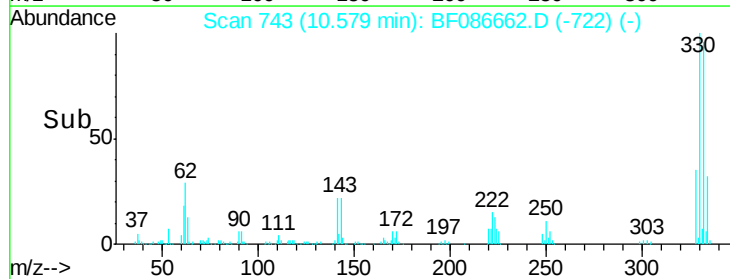
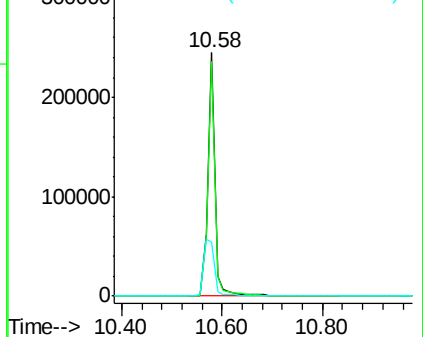


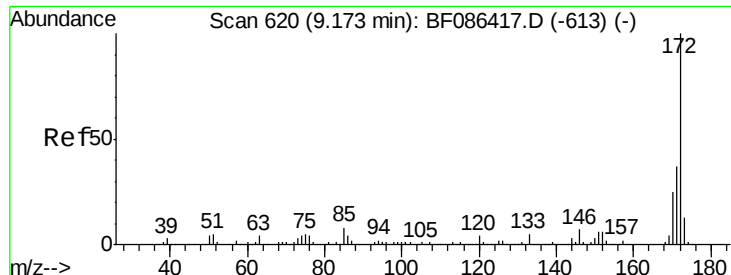
#41
 2,4,6-Tribromophenol
 Concen: 83.39 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Tgt Ion:330 Resp: 245973
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 35.1 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

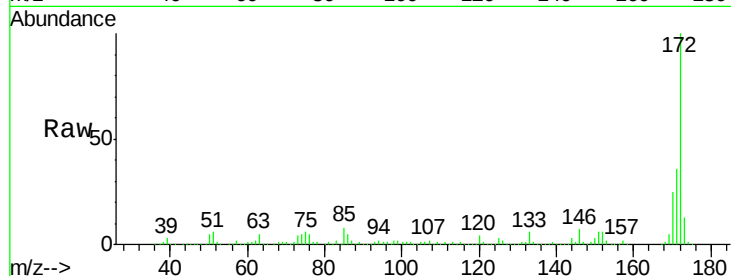




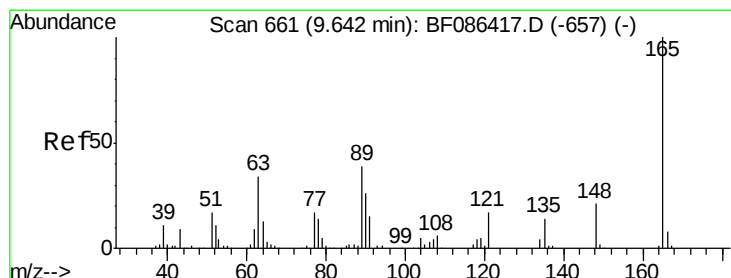
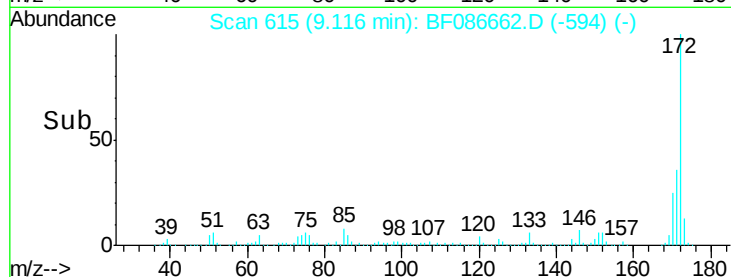
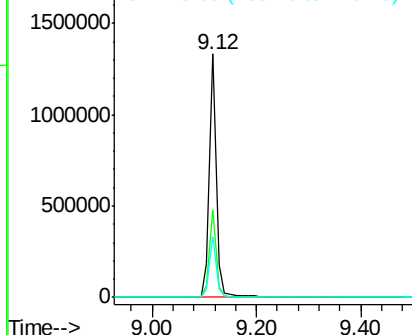
#44
 2-Fluorobiphenyl
 Concen: 75.96 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Instrument :
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Tgt Ion:172 Resp: 1243309
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.7 19.8 29.8

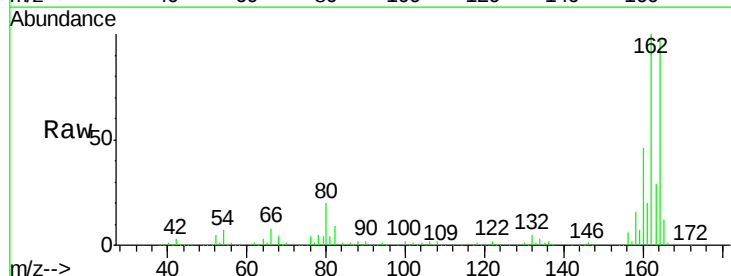


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

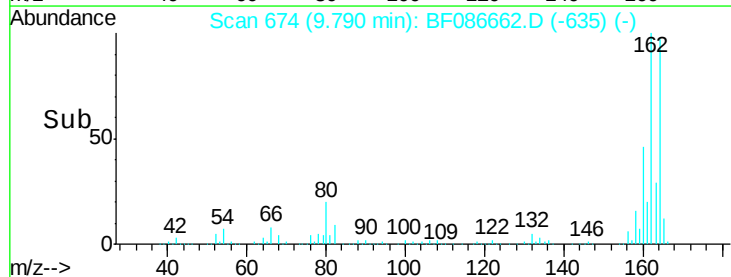
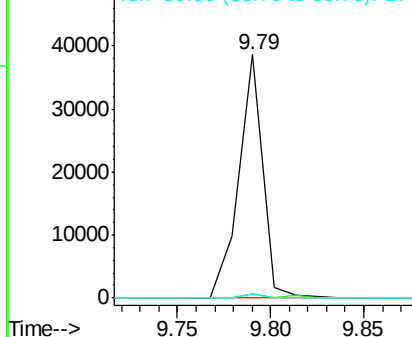


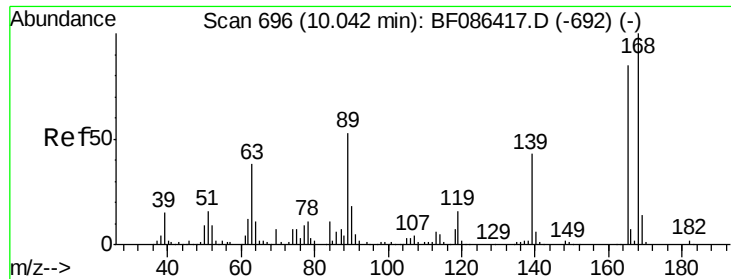
#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Tgt Ion:165 Resp: 34933
 Ion Ratio Lower Upper
 165 100
 63 2.0 51.8 77.8#
 89 1.8 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

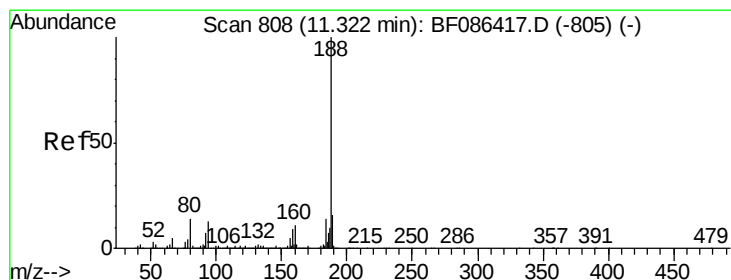
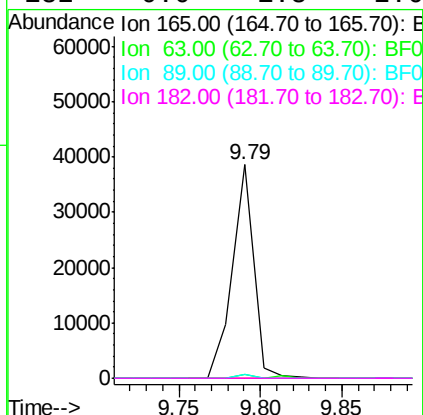
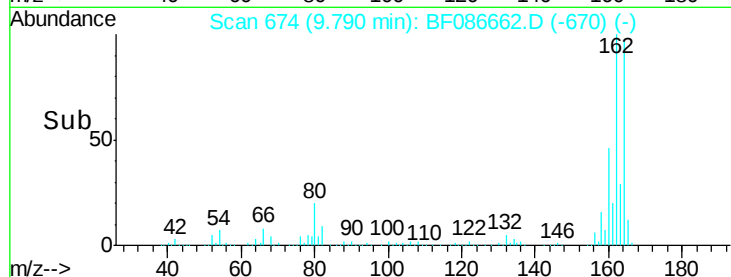
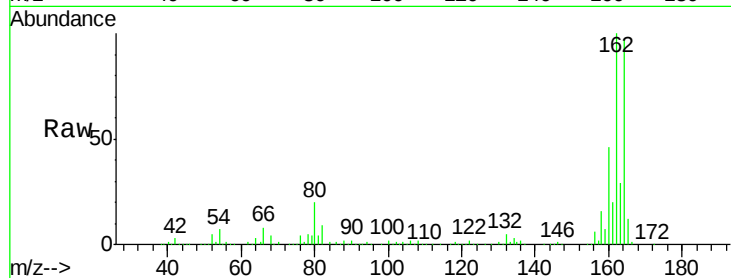




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

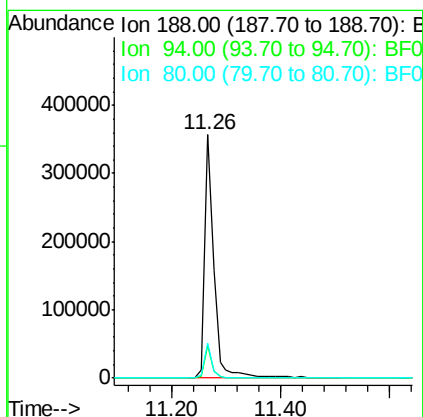
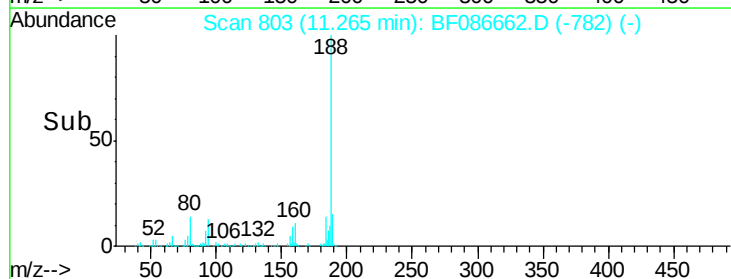
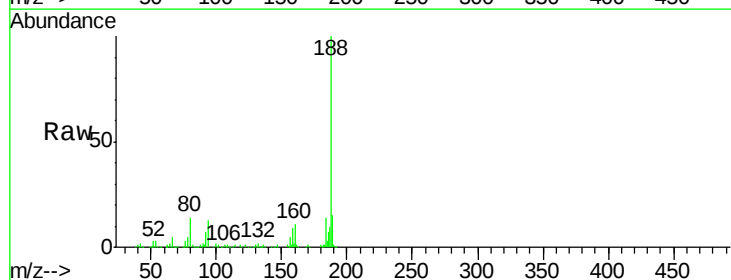
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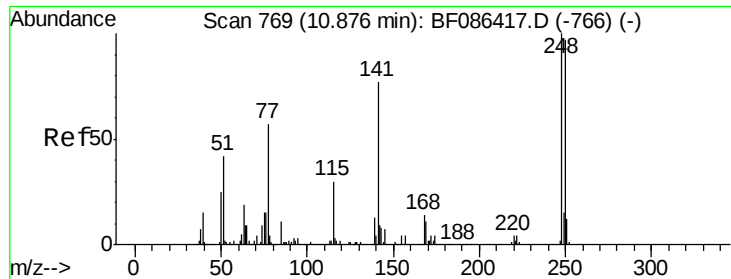
Tgt Ion:	165	Resp:	34934
Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Tgt Ion:	188	Resp:	418581
Ion	Ratio	Lower	Upper
188	100		
94	13.3	6.8	10.2#
80	14.3	7.1	10.7#





#66

4-Bromophenyl-phenylether

Concen: 3.30 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.30 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Instrument :

BNA_F

ClientSampleId :

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

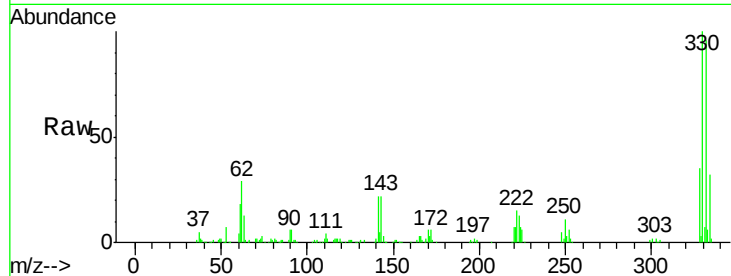
Tgt Ion:248 Resp: 14245

Ion Ratio Lower Upper

248 100

250 203.3 78.6 117.8#

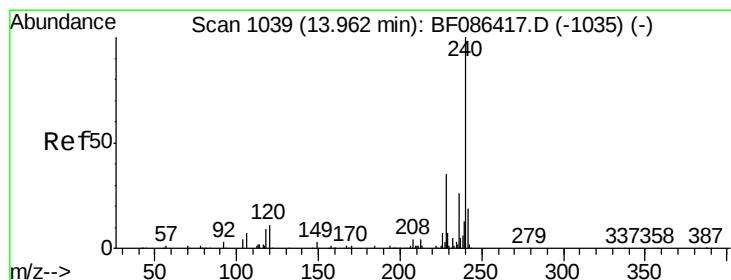
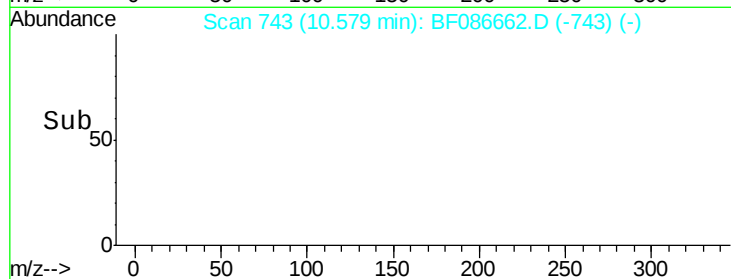
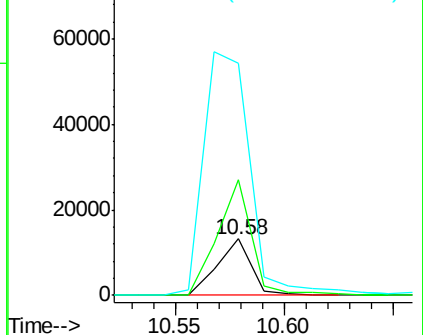
141 409.3 76.0 114.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

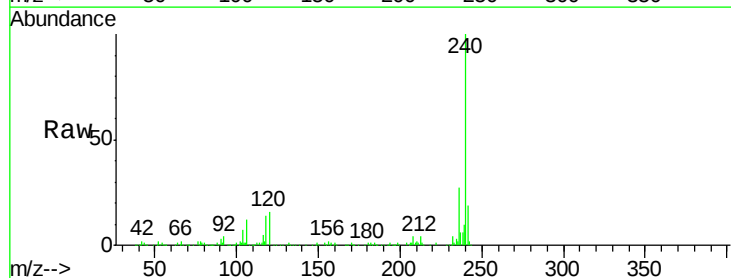
Tgt Ion:240 Resp: 339060

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

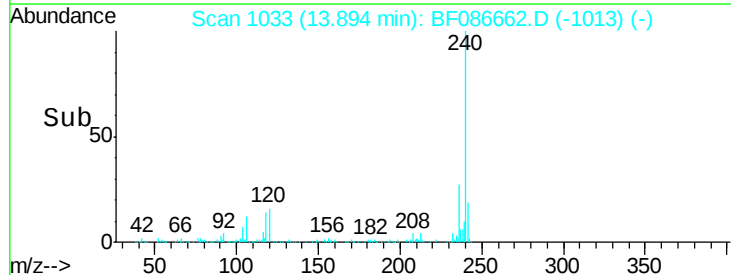
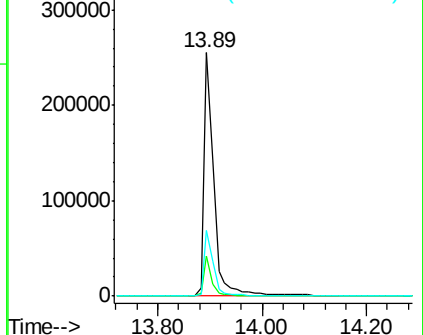
236 27.0 21.2 31.8

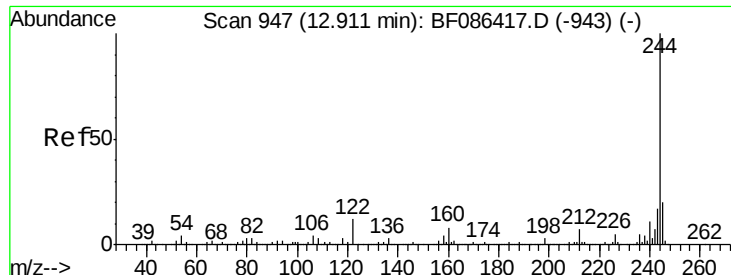


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.45 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Instrument :

BNA_F

ClientSampleId :

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

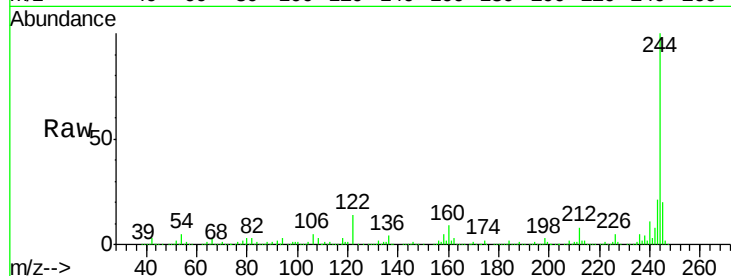
Tgt Ion:244 Resp: 945791

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

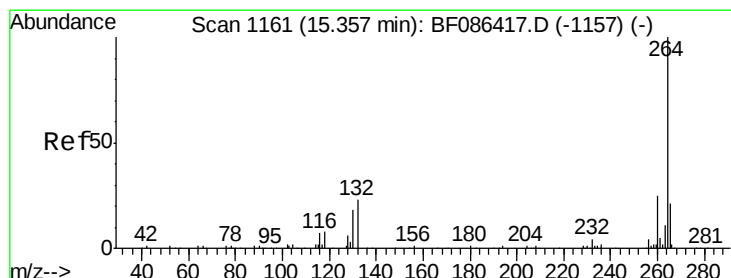
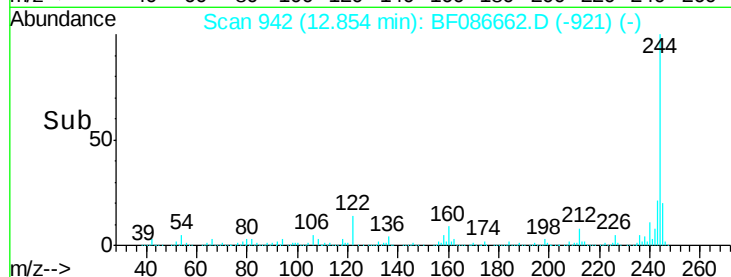
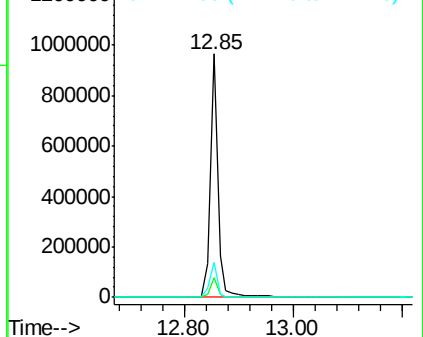
122 14.4 12.0 18.0



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: BF086662.D

Acq: 4 May 2016 00:54

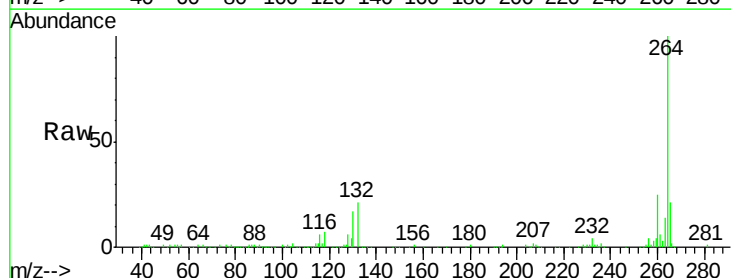
Tgt Ion:264 Resp: 247218

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.1 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

