

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086476.D
 Acq On : 28 Apr 2016 21:25
 Operator : UM/SJ
 Sample : H2654-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)

Quant Time: Apr 29 08:54:00 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

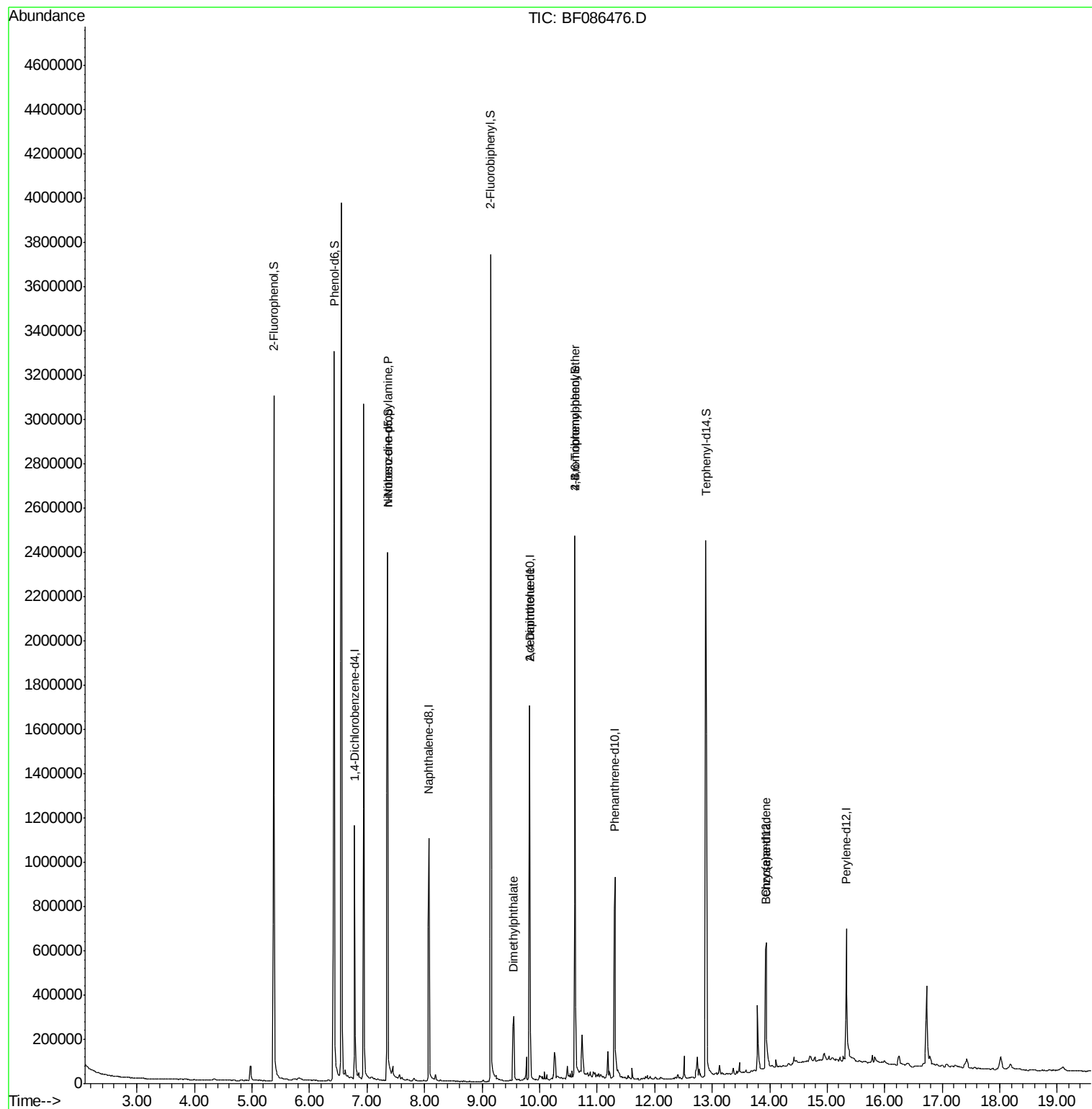
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	161723	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	662637	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	308772	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	527780	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	321764	20.00	ng	-0.02
86) Perylene-d12	15.33	264	316277	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	975334	104.03	ng	-0.01
7) Phenol-d6	6.43	99	1542178	117.85	ng	-0.01
23) Nitrobenzene-d5	7.36	82	967314	78.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	292113	89.71	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1258664	68.13	ng	-0.02
78) Terphenyl-d14	12.89	244	1014240	69.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	132435	15.31	ng	# 81
49) Dimethylphthalate	9.55	163	171626	7.38	ng	97
56) 2,4-Dinitrotoluene	9.82	165	39478	6.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	18192	3.35	ng	# 1
80) Benzo(a)anthracene	13.93	228	36831	2.15	ng	95

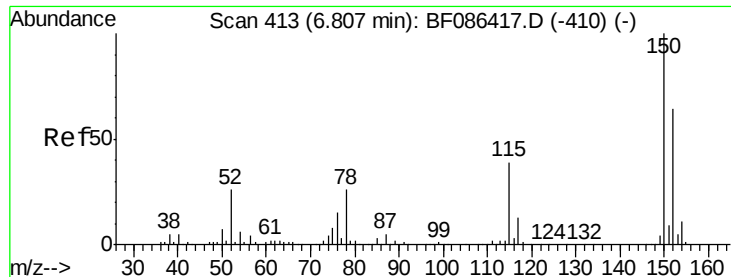
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)

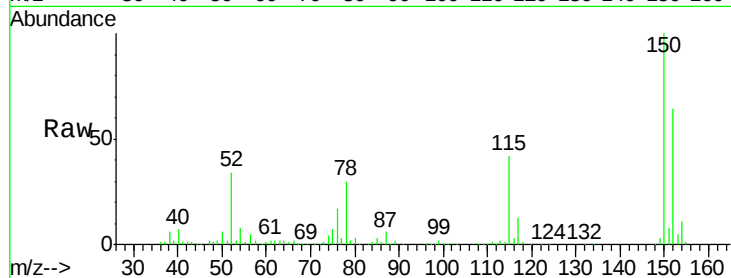
Tot Ion:152 Resp: 161723

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.6

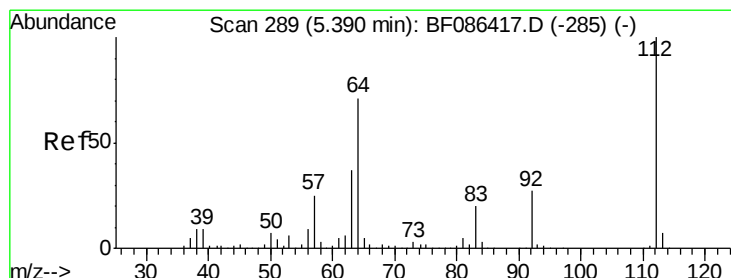
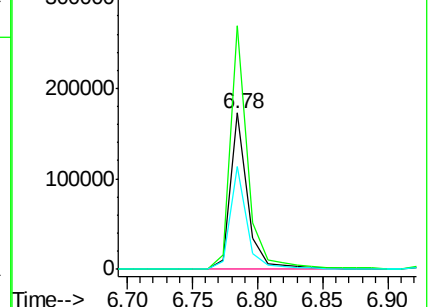
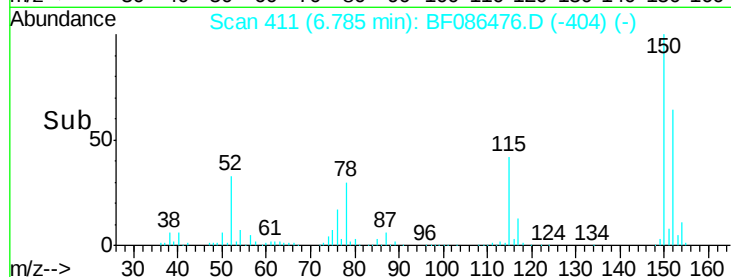
115 66.0 51.5 77.3



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: 104.03 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

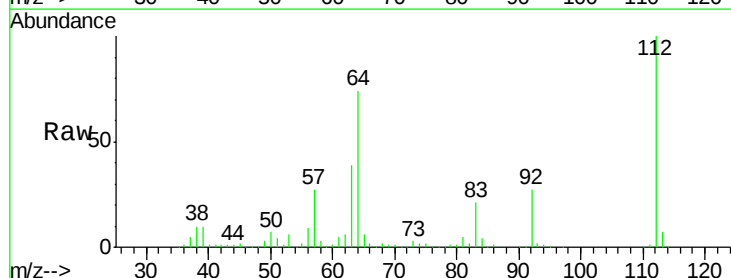
Tgt Ion:112 Resp: 975334

Ion Ratio Lower Upper

112 100

64 74.2 52.1 78.1

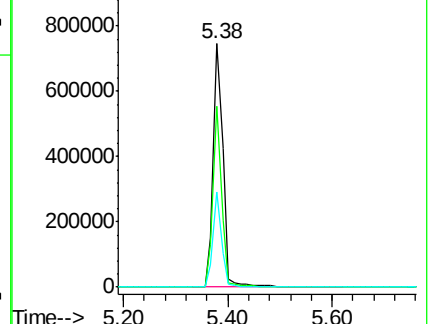
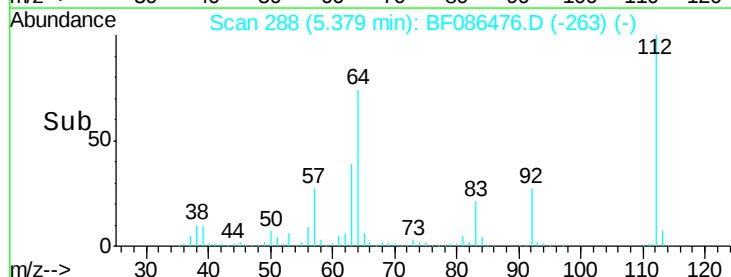
63 39.0 25.7 38.5#

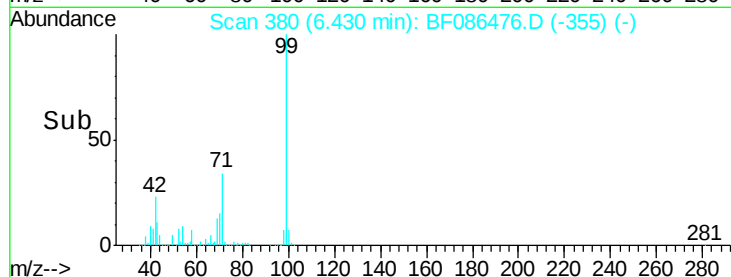
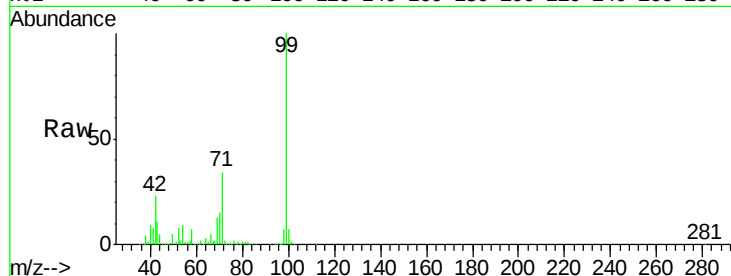
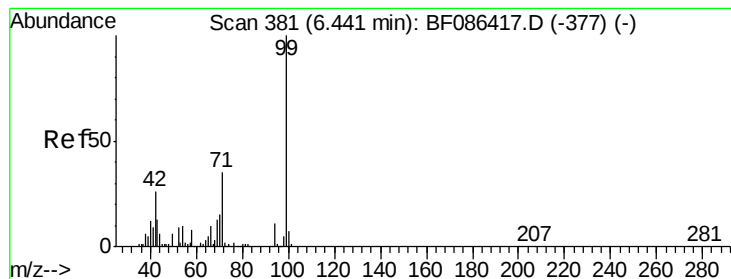


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.85 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)

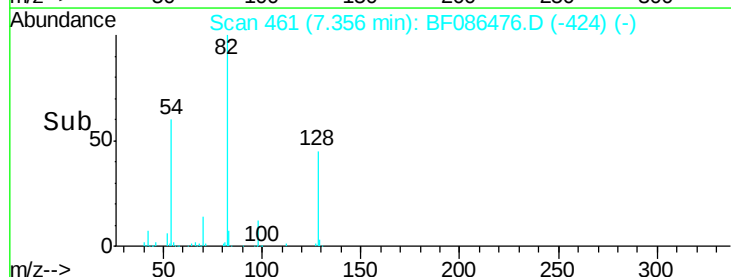
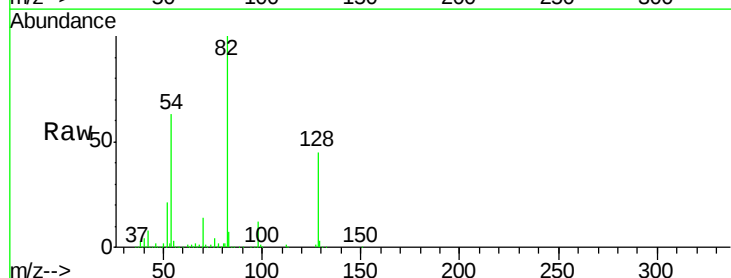
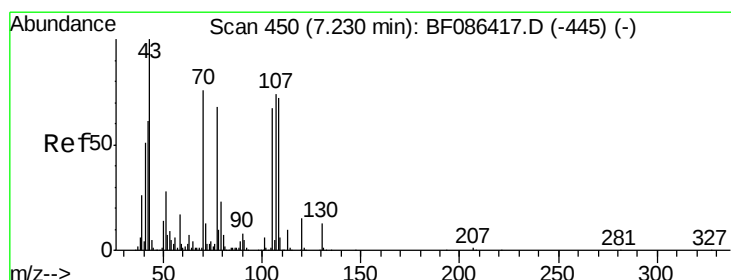
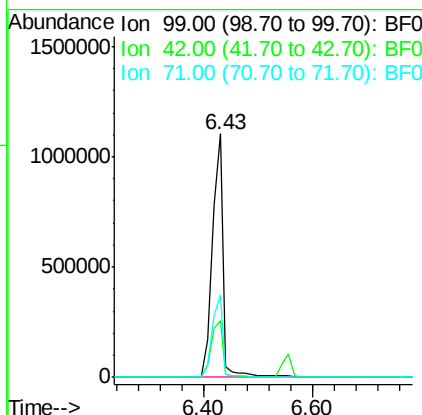
Tot Ion: 99 Resp: 1542178

Ion Ratio Lower Upper

99 100

42 23.1 13.6 20.4#

71 33.6 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.31 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

Tgt Ion: 70 Resp: 132435

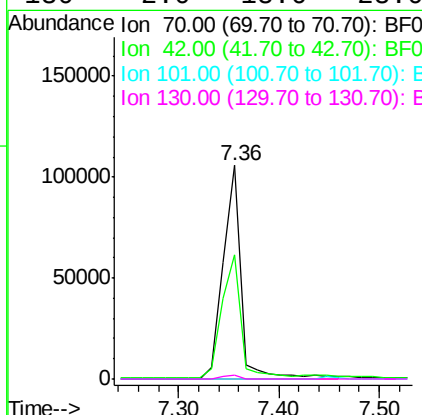
Ion Ratio Lower Upper

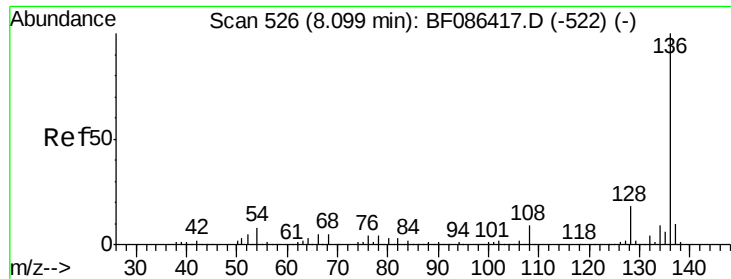
70 100

42 58.4 43.1 64.7

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

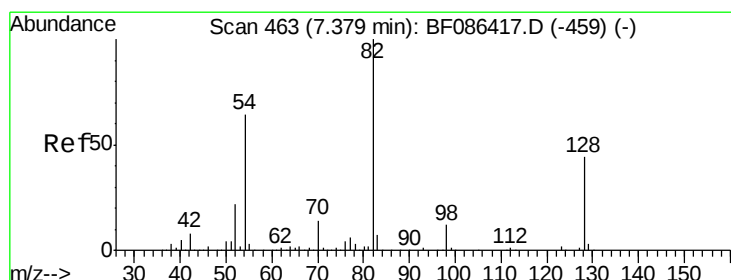
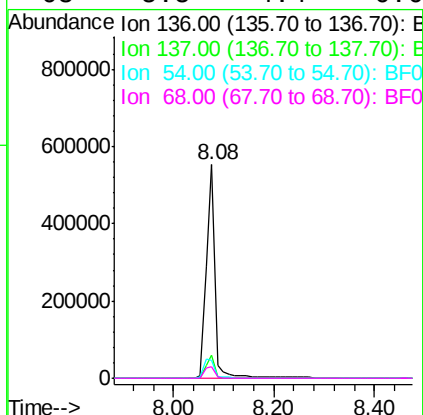
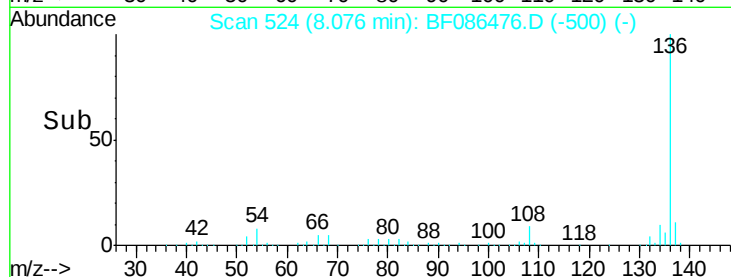
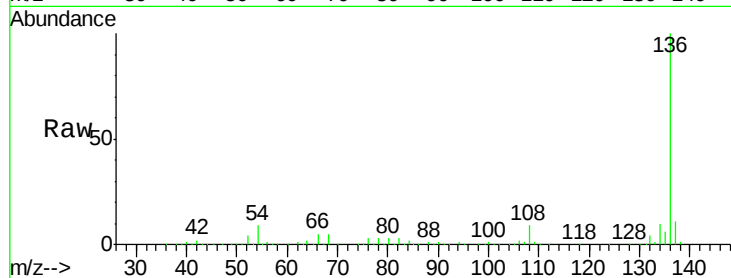




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086476.D
Acq: 28 Apr 2016 21:25

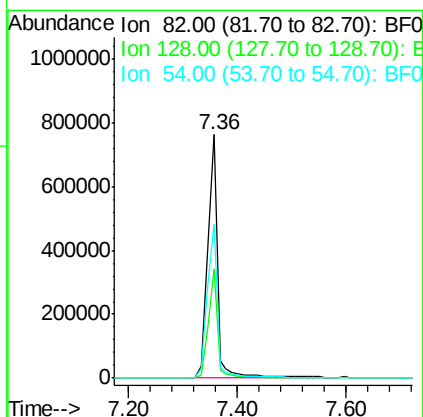
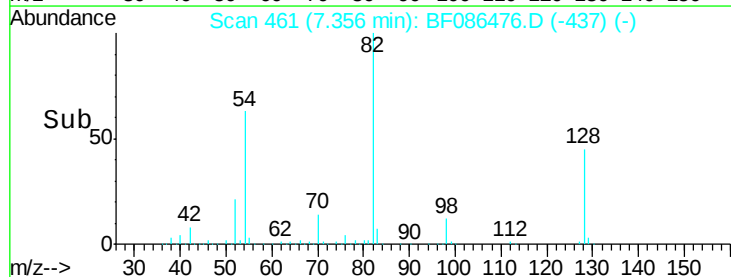
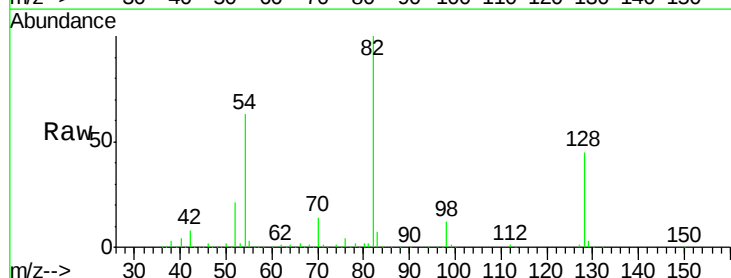
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)

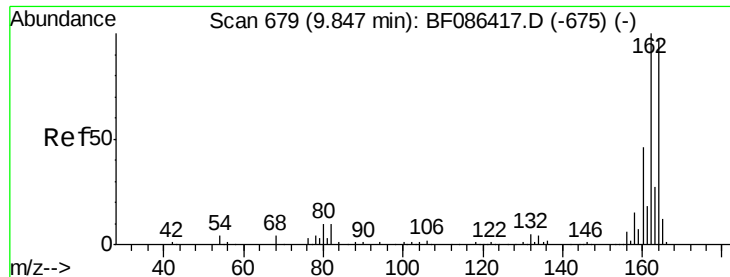
Tot Ion:136	Resp: 662637
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.5	5.0 7.4#
68 5.5	4.4 6.6



#23
Nitrobenzene-d5
Concen: 78.68 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF086476.D
Acq: 28 Apr 2016 21:25

Tgt Ion: 82	Resp: 967314
Ion Ratio	Lower Upper
82 100	
128 44.6	40.6 61.0
54 63.3	38.1 57.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-14(6-12FTBGS)

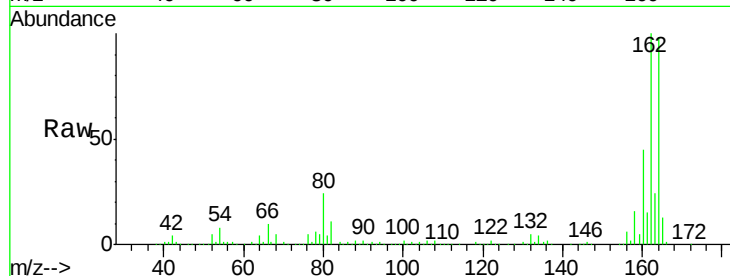
Tot Ion:164 Resp: 308772

Ion Ratio Lower Upper

164 100

162 102.4 82.8 124.2

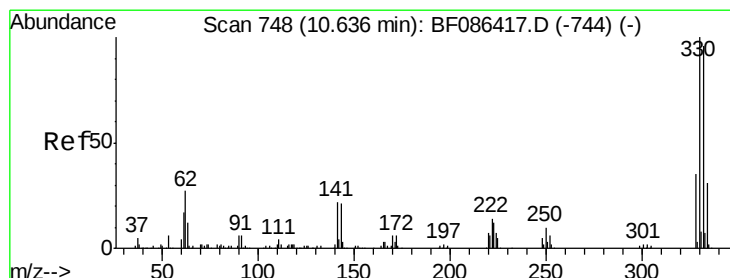
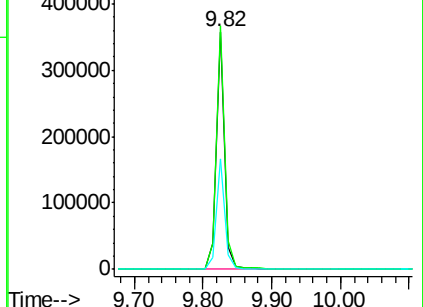
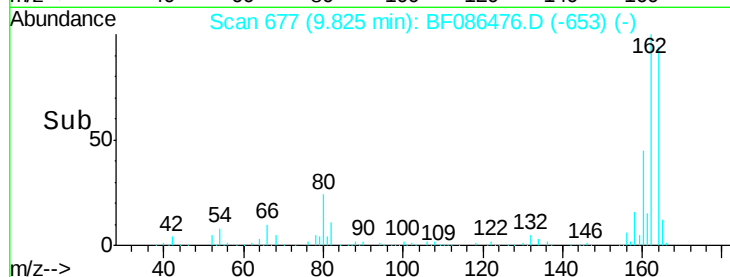
160 46.2 36.9 55.3



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: 89.71 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

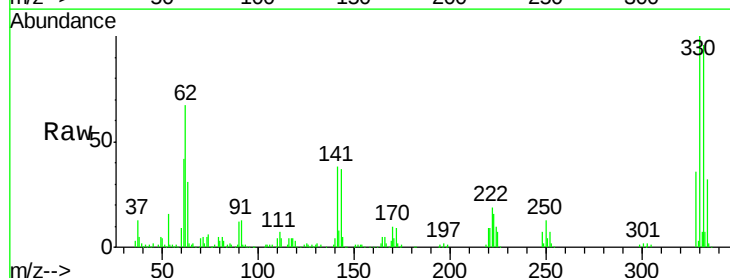
Tgt Ion:330 Resp: 292113

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

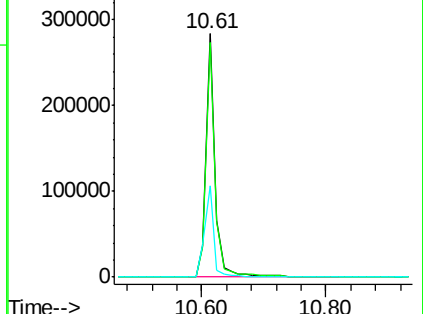
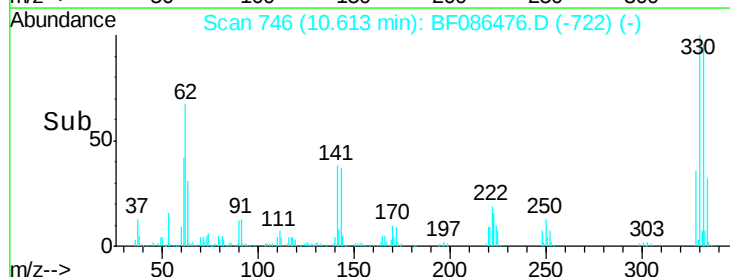
141 38.9 31.2 46.8

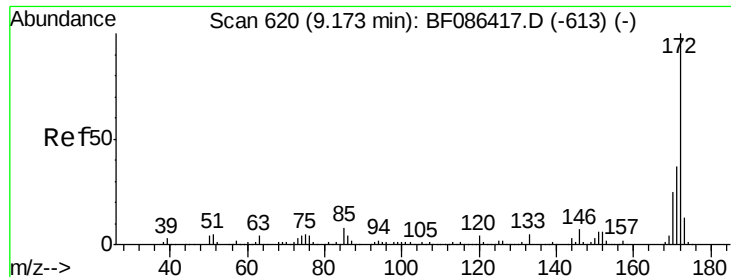


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

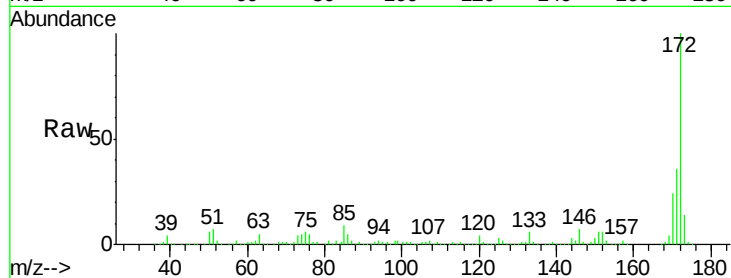




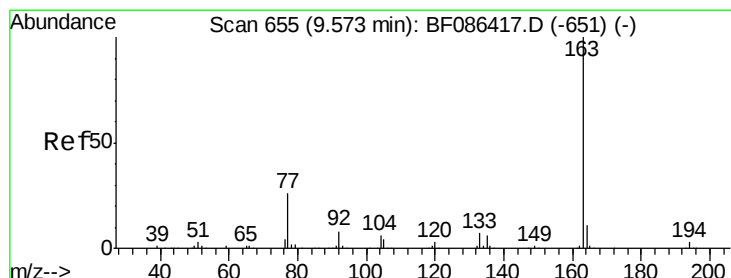
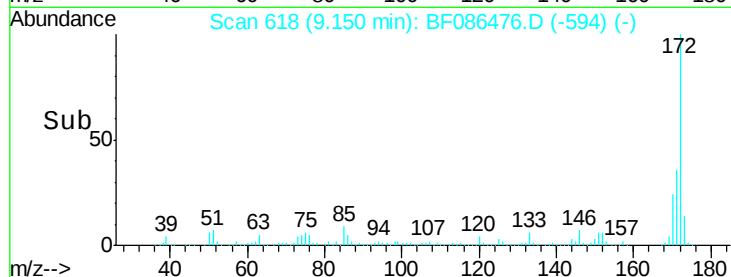
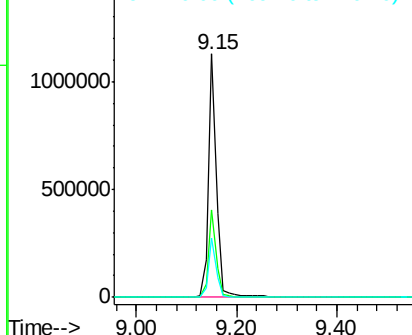
#44
2-Fluorobiphenyl
Concen: 68.13 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF086476.D
Acq: 28 Apr 2016 21:25

Instrument :
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Tot Ion:172 Resp: 1258664
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.4 19.8 29.8

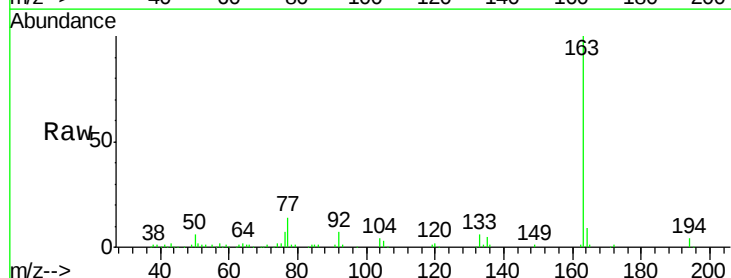


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

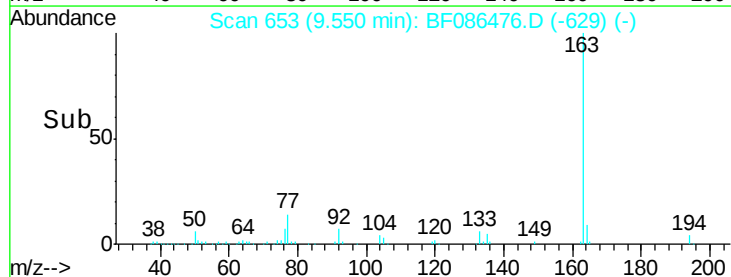
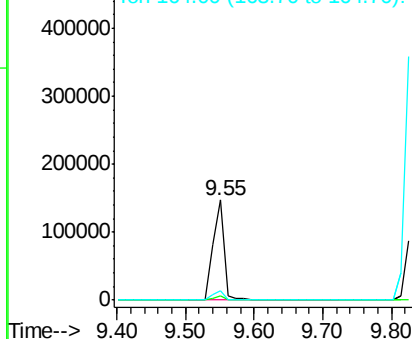


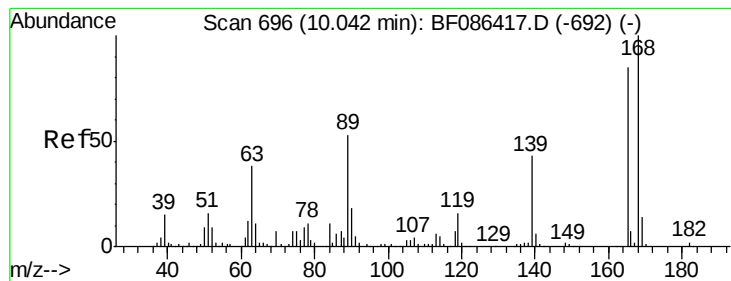
#49
Dimethylphthalate
Concen: 7.38 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086476.D
Acq: 28 Apr 2016 21:25

Tgt Ion:163 Resp: 171626
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.2 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

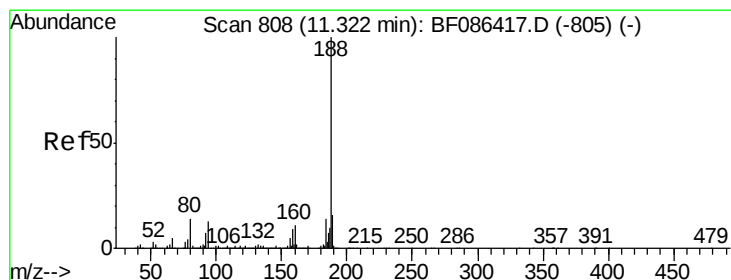
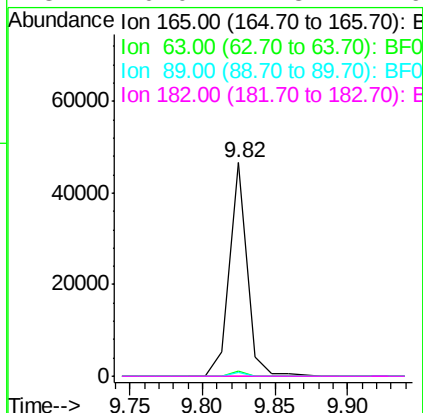
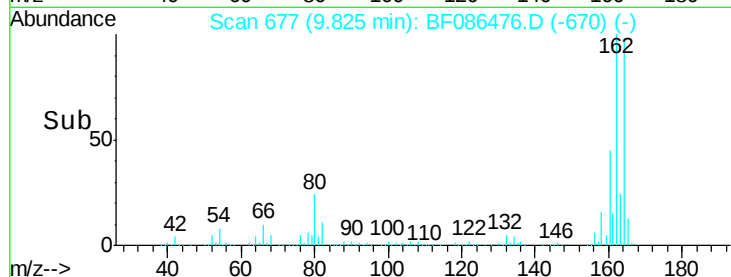
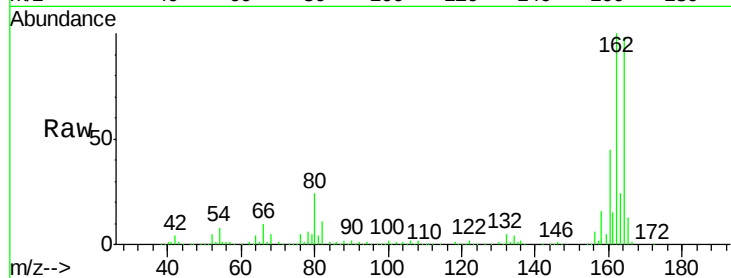




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF086476.D
 Acq: 28 Apr 2016 21:25

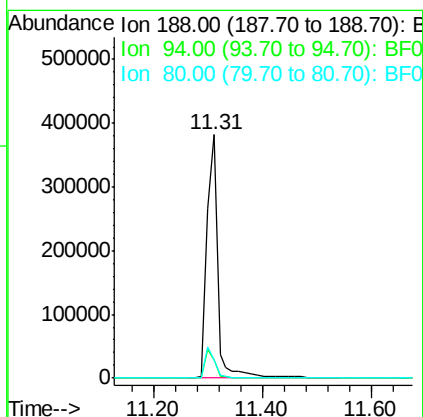
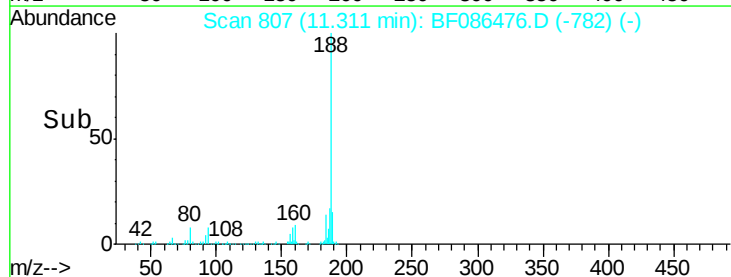
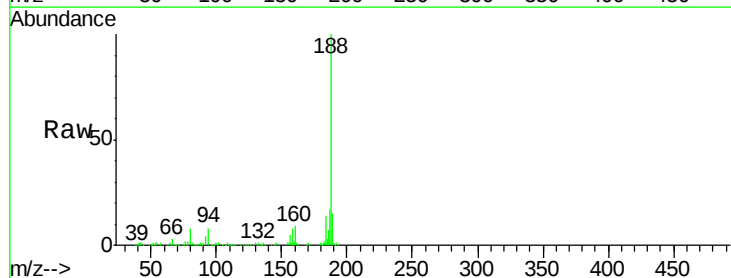
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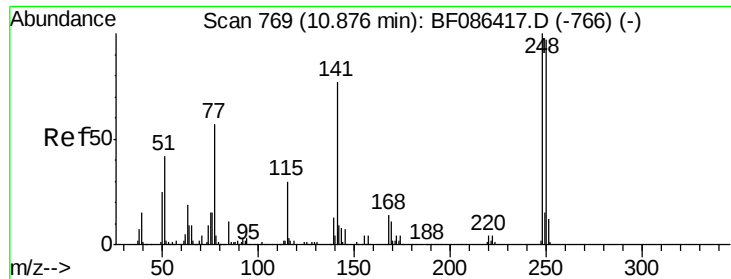
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	1.6	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086476.D
 Acq: 28 Apr 2016 21:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.8	10.2
80	7.7	7.1	10.7





#66

4-Bromophenyl-phenylether

Concen: 3.35 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.26 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

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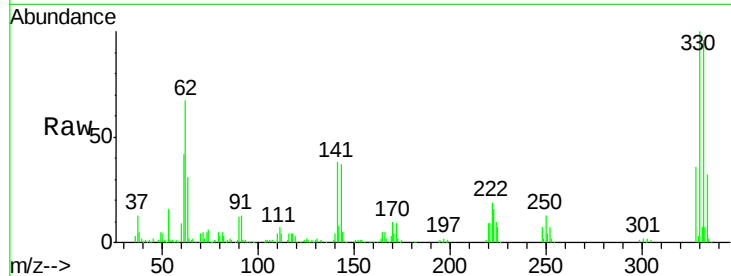
Tot Ion:248 Resp: 18192

Ion Ratio Lower Upper

248 100

250 194.5 78.6 117.8#

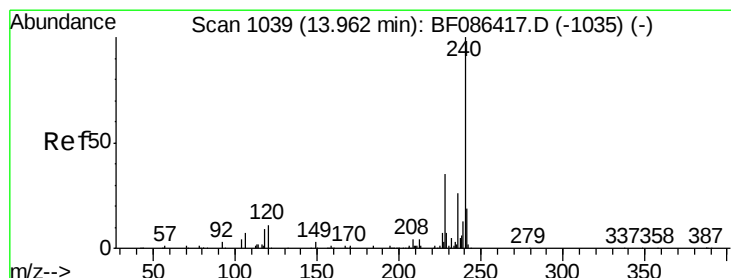
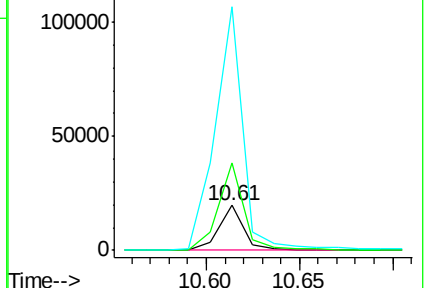
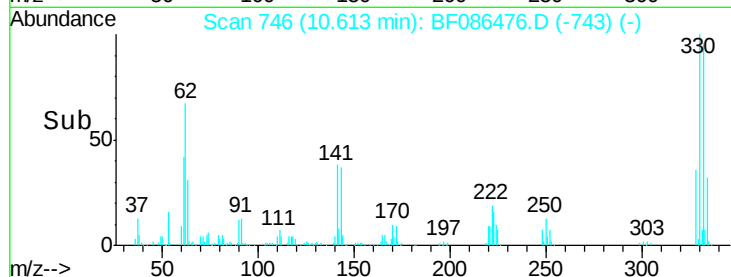
141 543.3 76.0 114.0#



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: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086476.D

Acq: 28 Apr 2016 21:25

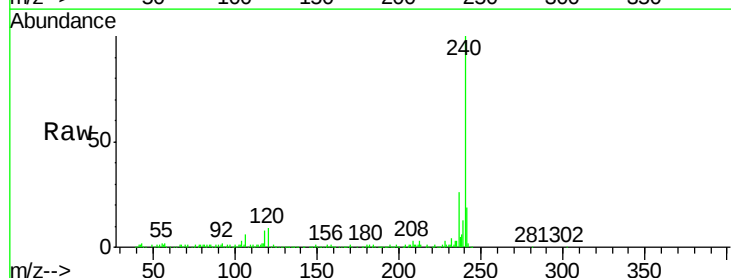
Tgt Ion:240 Resp: 321764

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

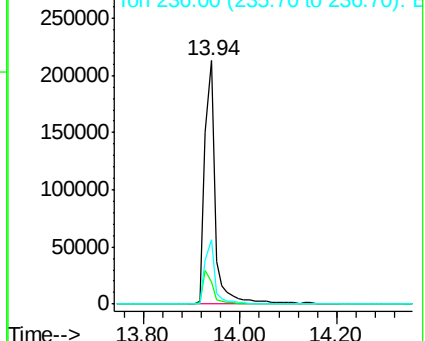
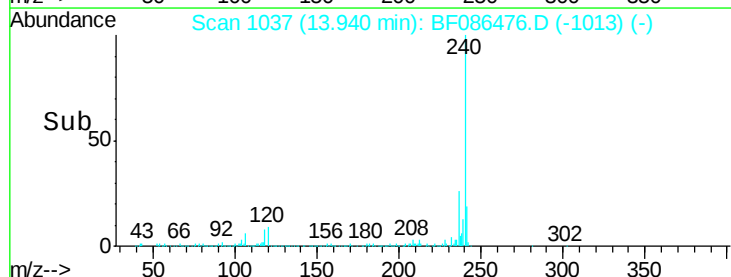
236 26.2 21.2 31.8

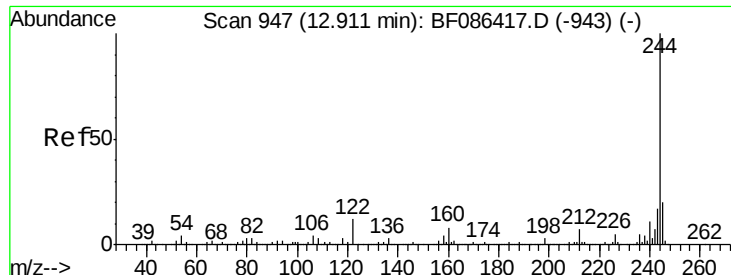


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

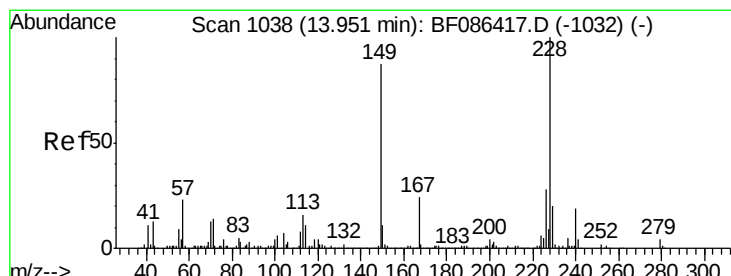
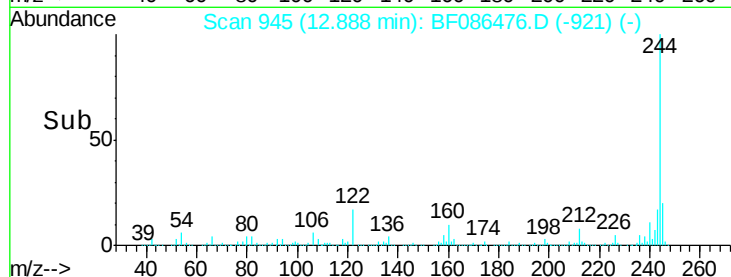
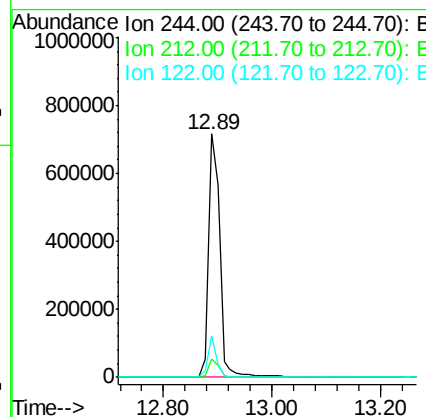
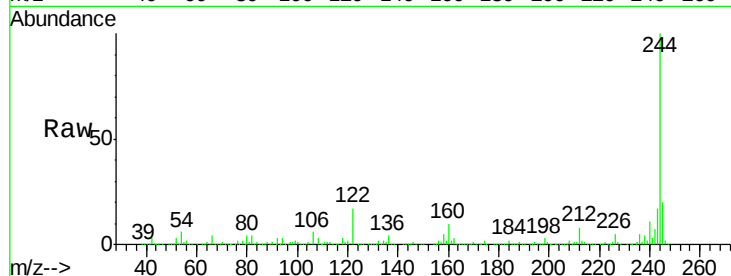




#78
 Terphenyl-d14
 Concen: 69.45 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF086476.D
 Acq: 28 Apr 2016 21:25

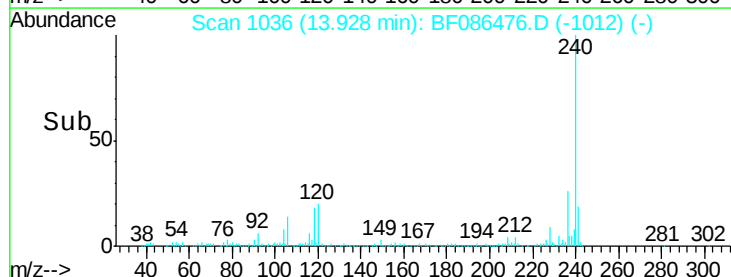
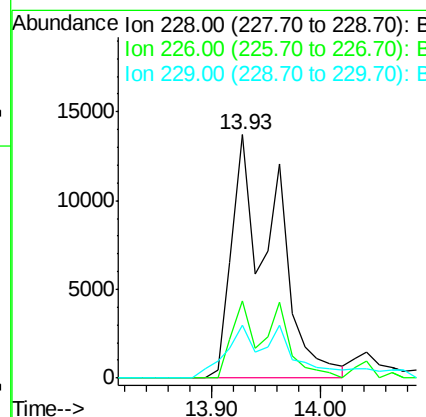
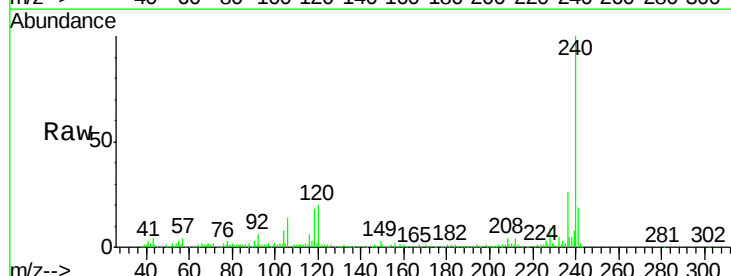
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-14(6-12FTBGS)

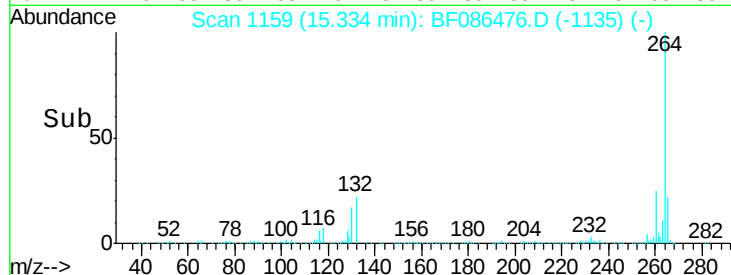
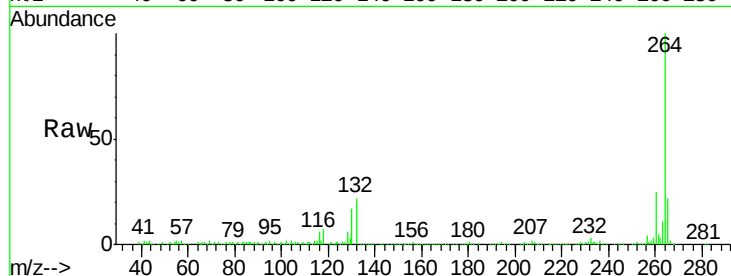
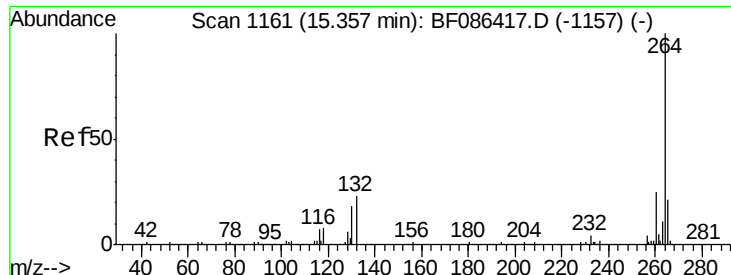
Tot Ion:244 Resp: 1014240
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 17.0 12.0 18.0



#80
 Benzo(a)anthracene
 Concen: 2.15 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF086476.D
 Acq: 28 Apr 2016 21:25

Tgt Ion:228 Resp: 36831
 Ion Ratio Lower Upper
 228 100
 226 31.6 22.5 33.7
 229 21.7 16.6 25.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF086476.D
Acq: 28 Apr 2016 21:25

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-14(6-12FTBGS)

Tot Ion:	264	Resp:	316277
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.9	17.3	25.9

