

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086486.D
 Acq On : 29 Apr 2016 2:53
 Operator : UM/SJ
 Sample : H2654-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Quant Time: Apr 29 08:57:09 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

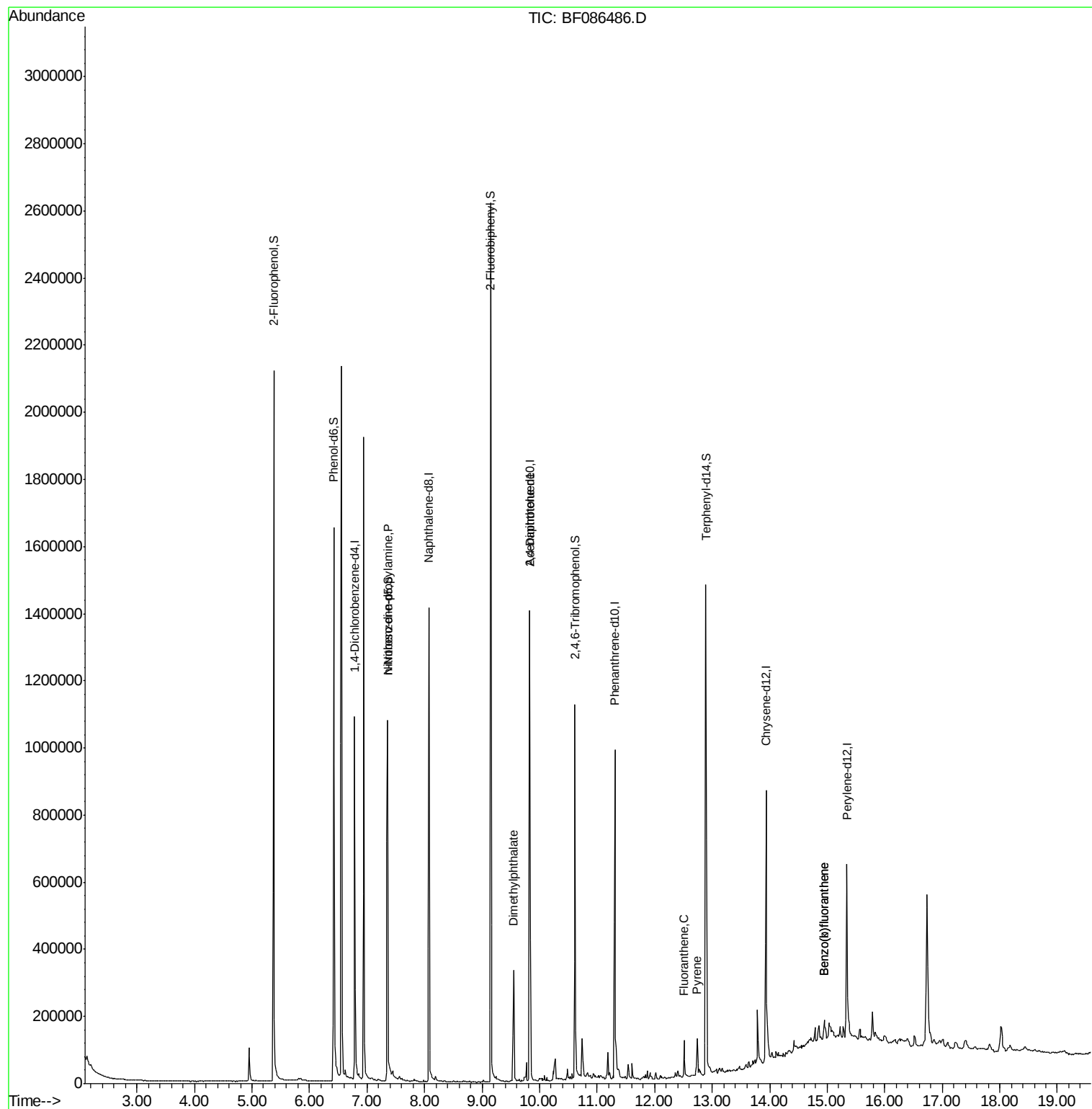
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	154724	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	660047	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	275273	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	455388	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	322522	20.00	ng	-0.02
86) Perylene-d12	15.35	264	308944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	539159	60.11	ng	-0.01
7) Phenol-d6	6.42	99	714916	57.10	ng	-0.02
23) Nitrobenzene-d5	7.36	82	485923	39.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	138549	47.73	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	774941	42.90	ng	-0.02
78) Terphenyl-d14	12.89	244	542765	37.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	63290	7.65	ng	# 82
49) Dimethylphthalate	9.55	163	150689	7.27	ng	98
56) 2,4-Dinitrotoluene	9.82	165	34774	6.37	ng	# 16
74) Fluoranthene	12.51	202	53404	2.21	ng	98
77) Pyrene	12.74	202	51316	2.21	ng	99
87) Benzo(b)fluoranthene	14.95	252	43694	2.40	ng	# 93
88) Benzo(k)fluoranthene	14.95	252	43694	2.30	ng	# 91

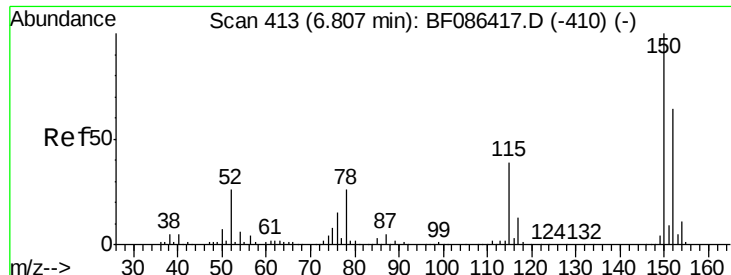
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
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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: BF086486.D

Acq: 29 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

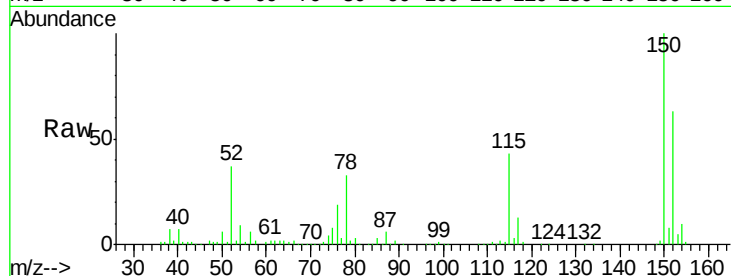
Tot Ion:152 Resp: 154724

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.6

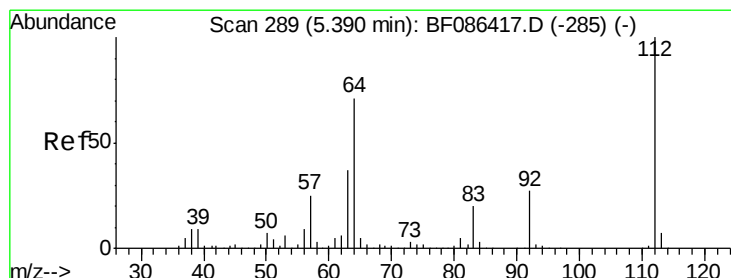
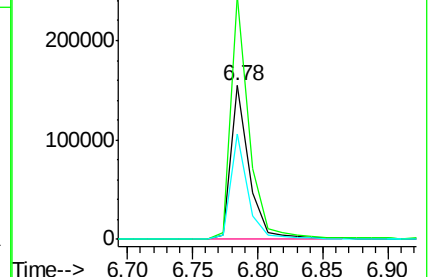
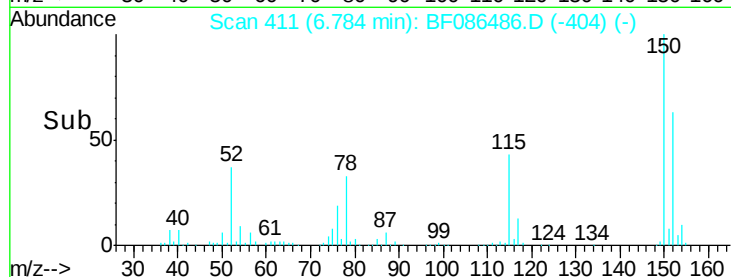
115 68.2 51.5 77.3



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: 60.11 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

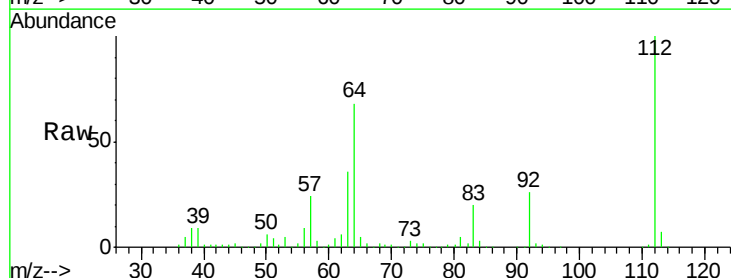
Tgt Ion:112 Resp: 539159

Ion Ratio Lower Upper

112 100

64 67.9 52.1 78.1

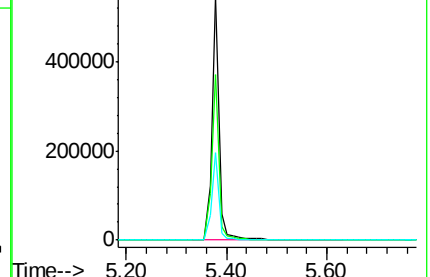
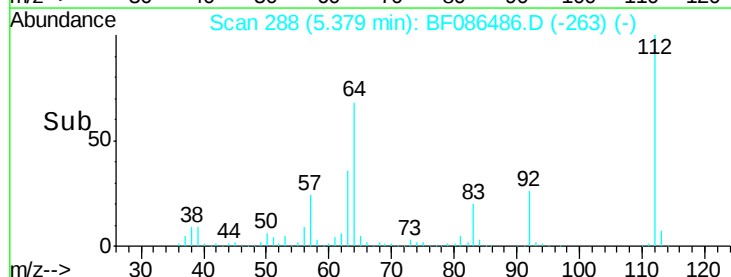
63 35.8 25.7 38.5

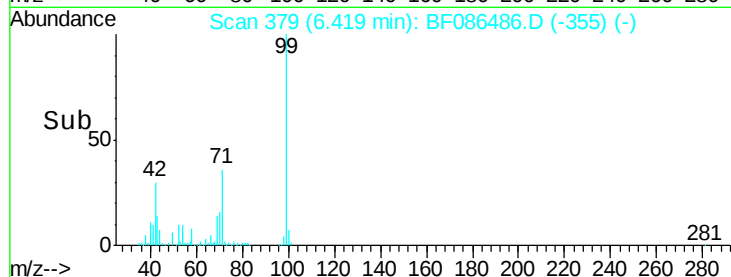
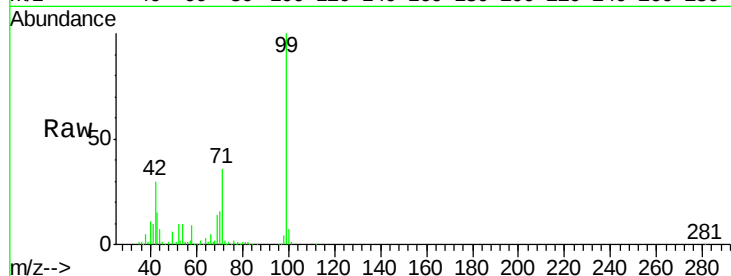
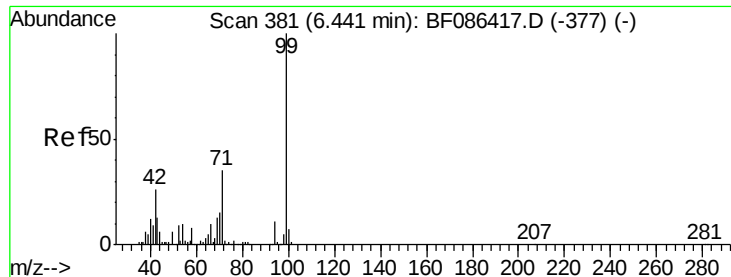


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.10 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

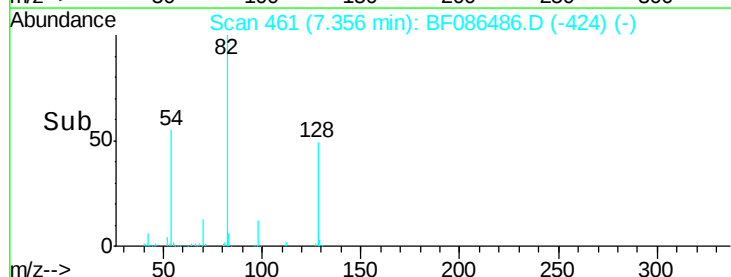
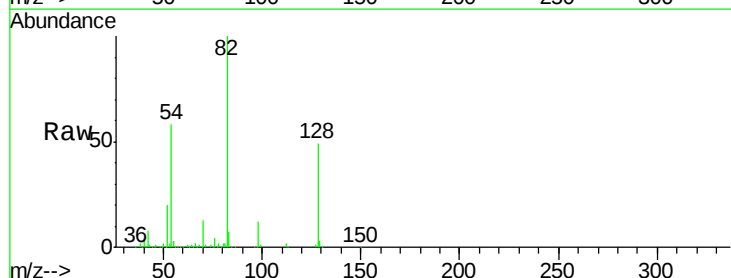
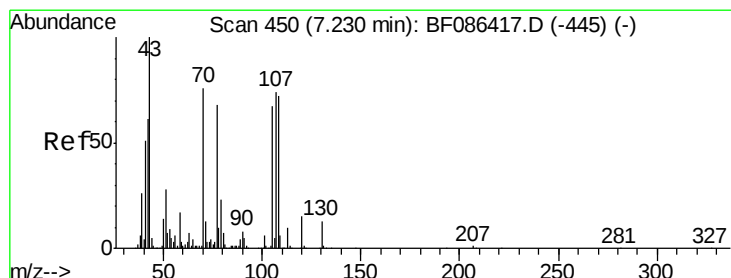
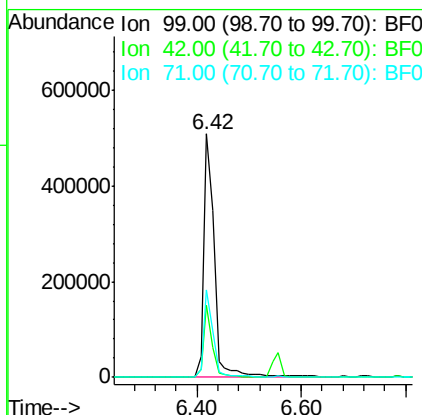
Tot Ion: 99 Resp: 714916

Ion Ratio Lower Upper

99 100

42 29.6 13.6 20.4#

71 35.9 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 7.65 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Tgt Ion: 70 Resp: 63290

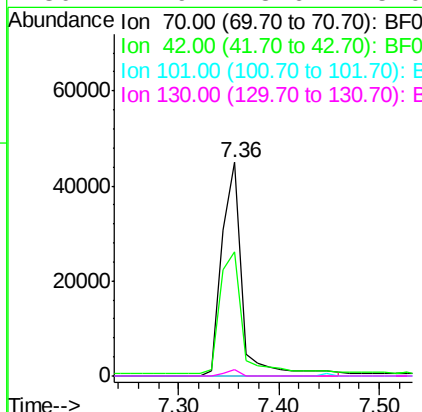
Ion Ratio Lower Upper

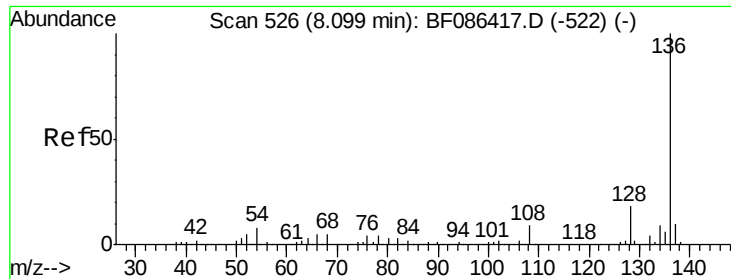
70 100

42 58.1 43.1 64.7

101 0.0 8.1 12.1#

130 2.9 18.6 28.0#

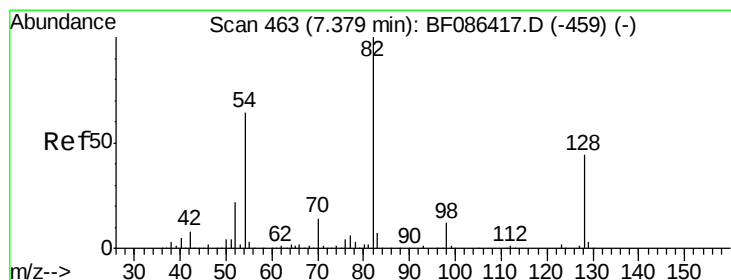
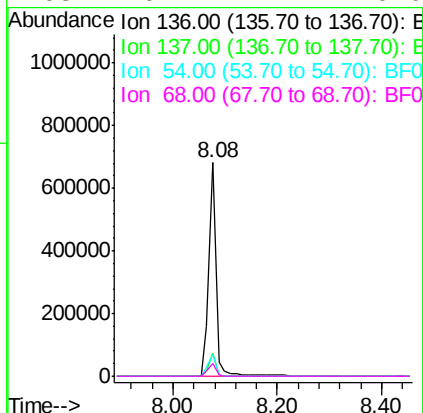
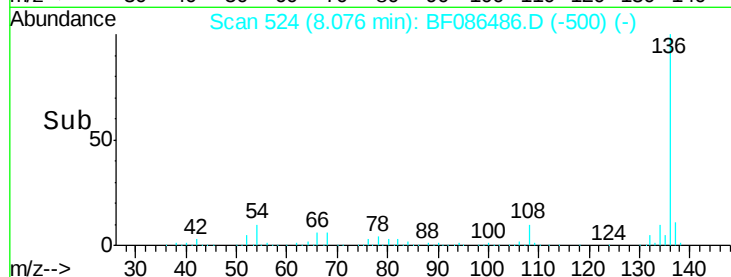
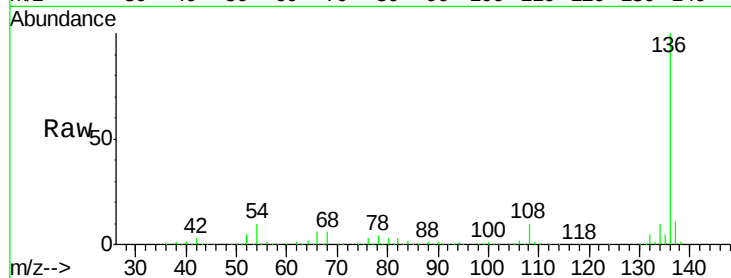




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

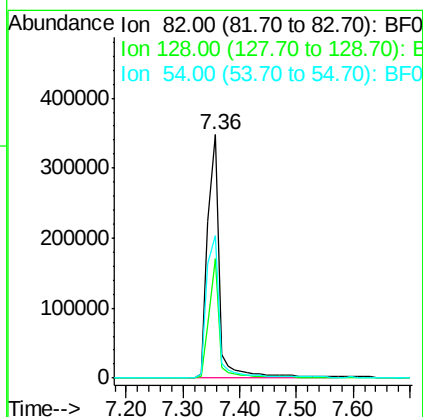
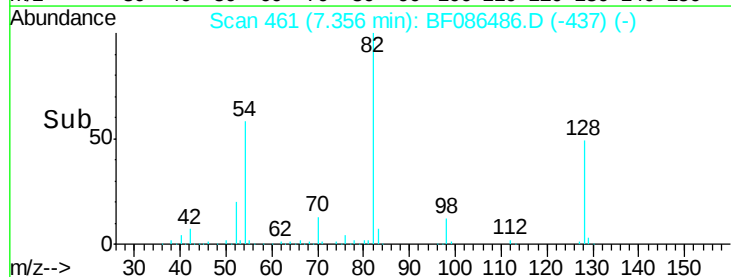
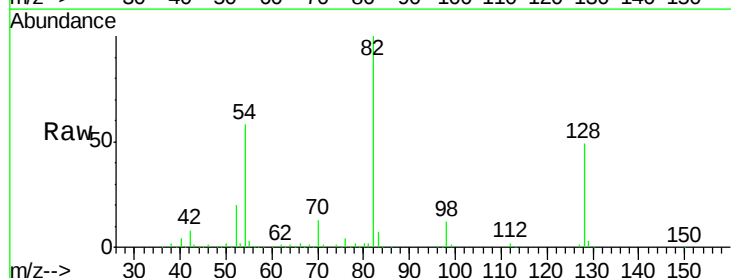
Instrument :
BNA_F
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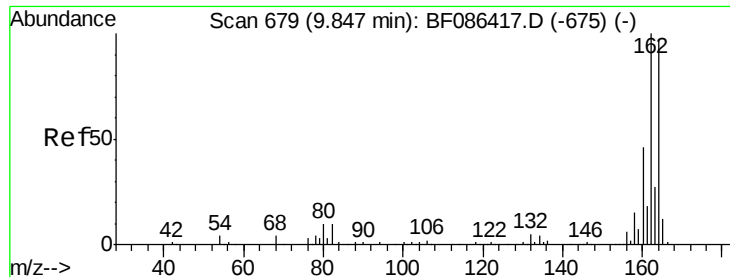
Tot Ion:136	Resp:	660047
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	9.9	5.0 7.4#
68	6.2	4.4 6.6



#23
Nitrobenzene-d5
Concen: 39.68 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Tgt Ion: 82	Resp:	485923
Ion Ratio	Lower	Upper
82	100	
128	49.1	40.6 61.0
54	58.4	38.1 57.1#

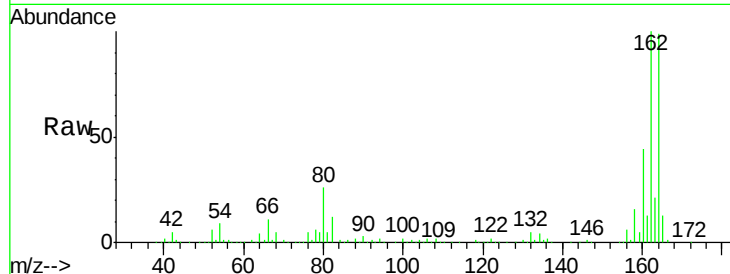




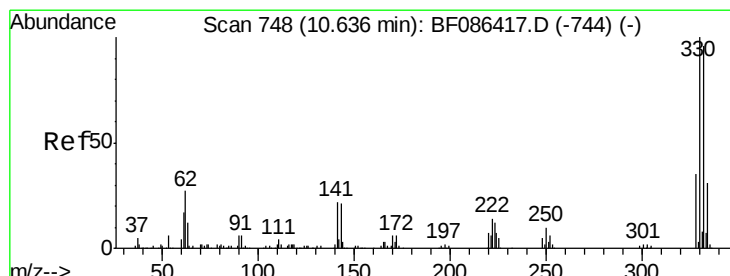
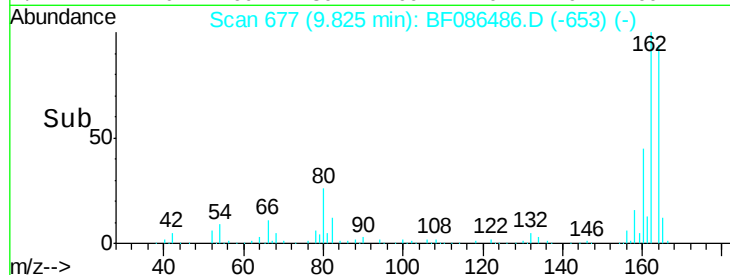
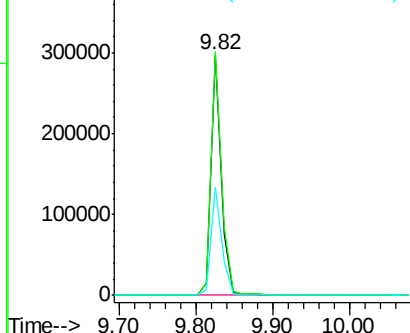
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-3(0-6FTBGS)

Tot Ion:164 Resp: 275273
Ion Ratio Lower Upper
164 100
162 101.4 82.8 124.2
160 45.1 36.9 55.3

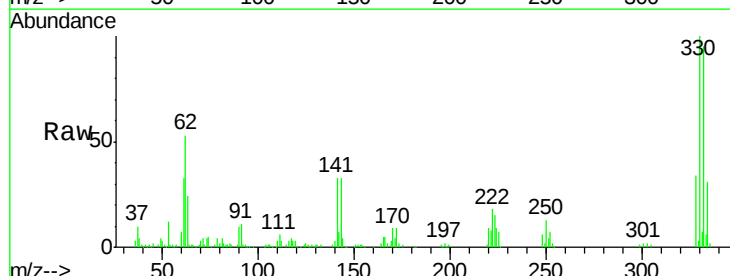


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

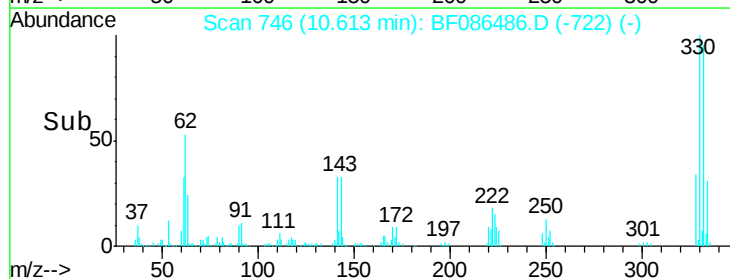
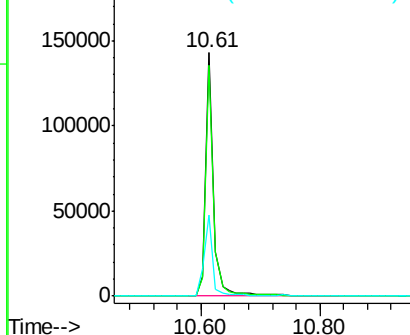


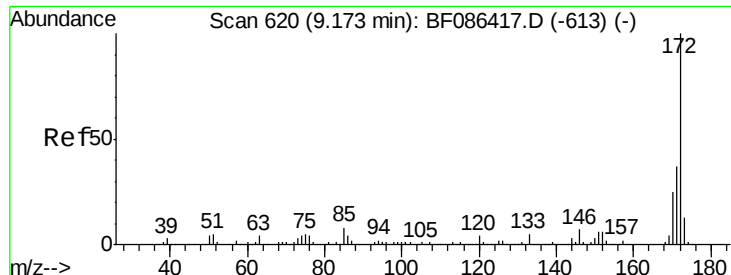
#41
2,4,6-Tribromophenol
Concen: 47.73 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Tgt Ion:330 Resp: 138549
Ion Ratio Lower Upper
330 100
332 95.5 79.0 118.4
141 36.7 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

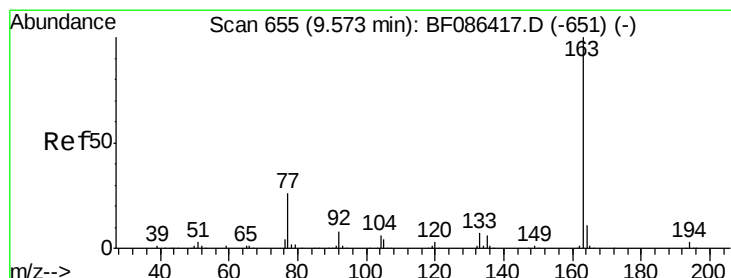
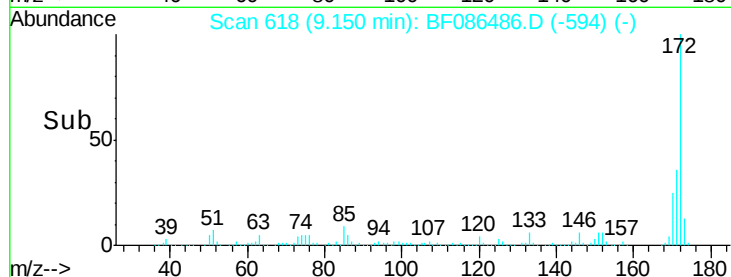
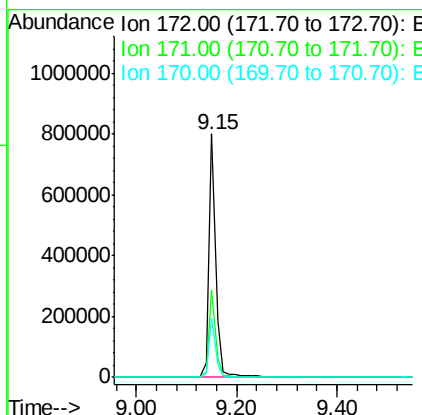
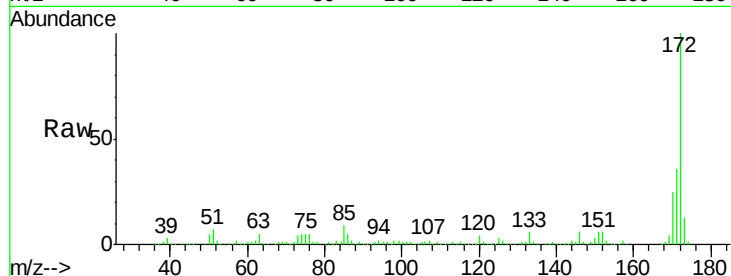




#44
2-Fluorobiphenyl
Concen: 42.90 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

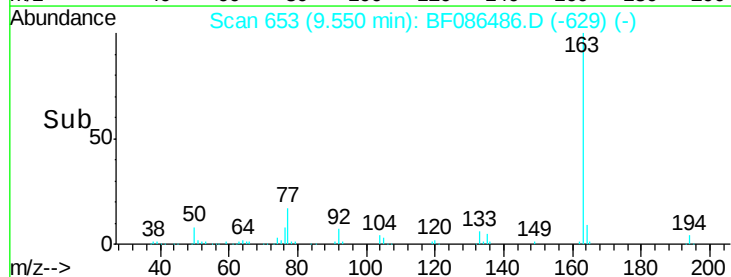
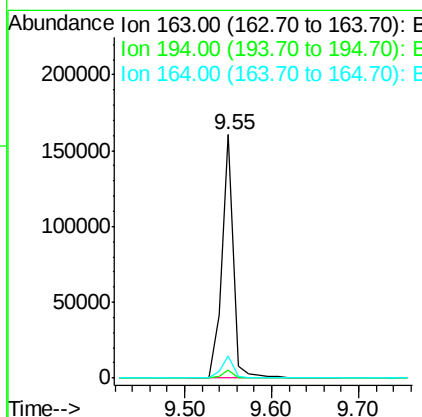
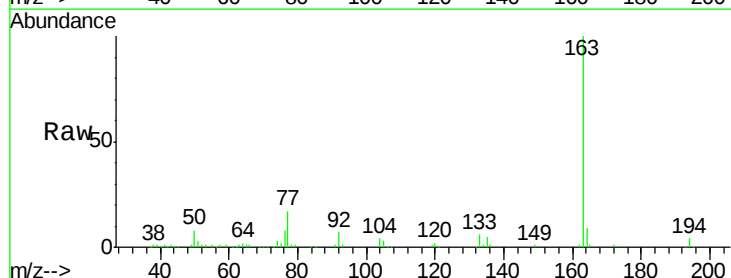
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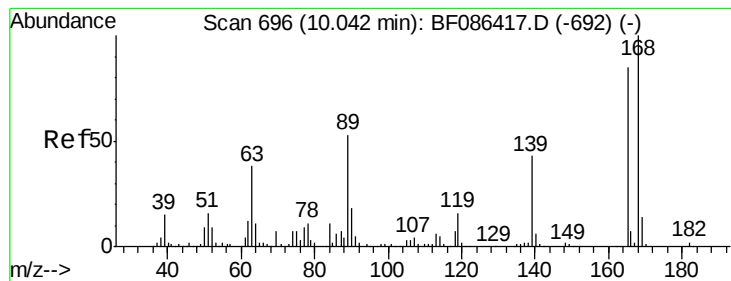
Tot Ion:172 Resp: 774941
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.5 19.8 29.8



#49
Dimethylphthalate
Concen: 7.27 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Tgt Ion:163 Resp: 150689
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.2 8.2 12.4

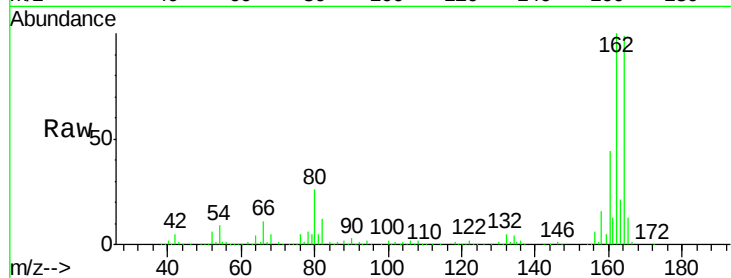




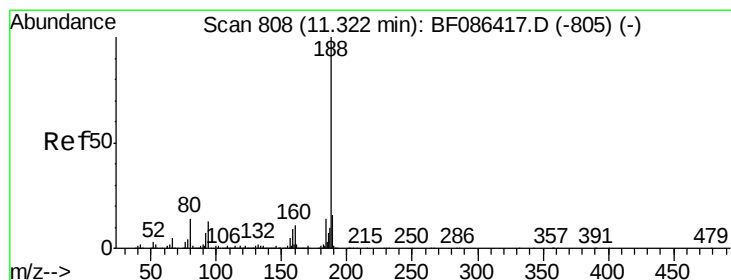
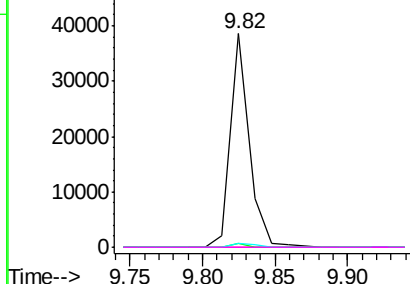
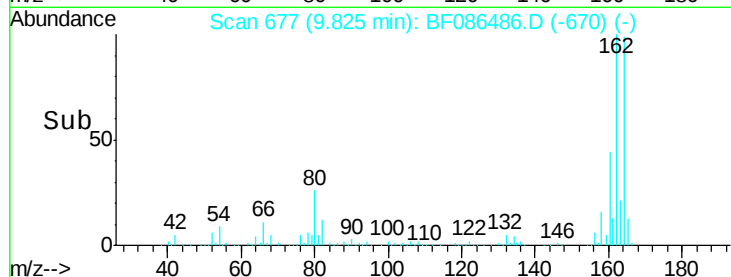
#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-3(0-6FTBGS)

Tot Ion:165 Resp: 34774
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.3 66.5#
 89 1.8 70.0 105.0#
 182 0.0 1.8 2.6#

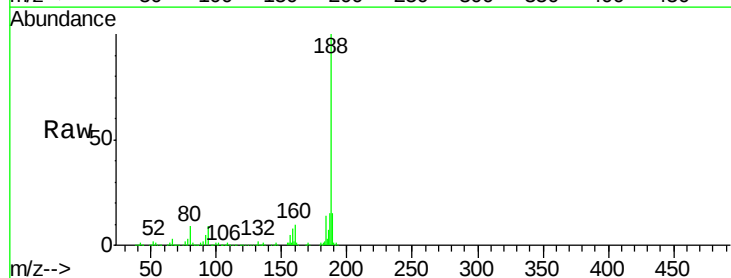


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

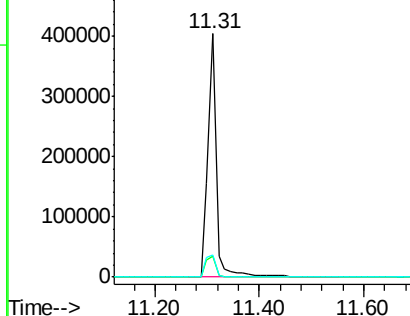
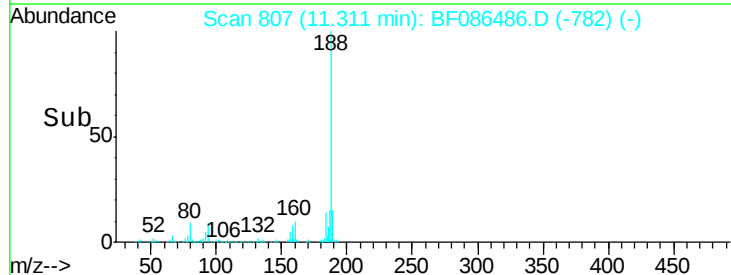


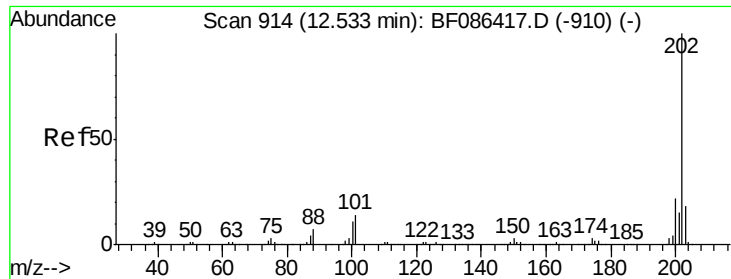
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Tgt Ion:188 Resp: 455388
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.8 10.2
 80 9.0 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

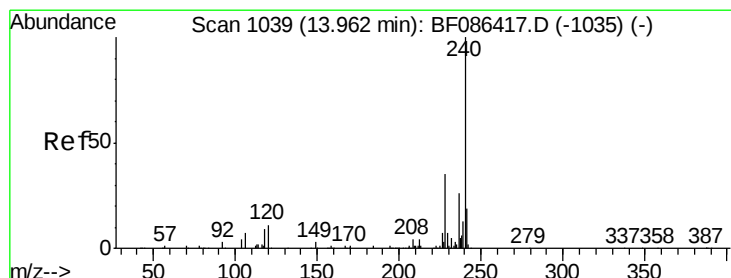
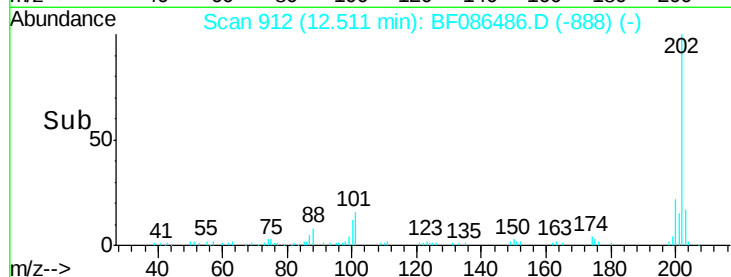
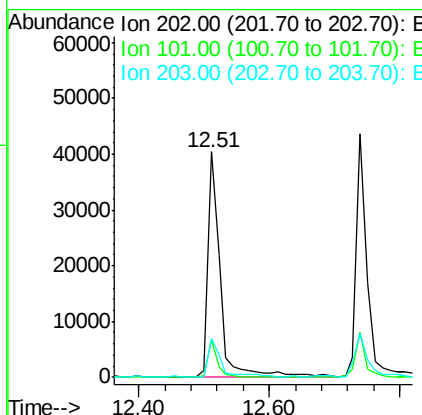
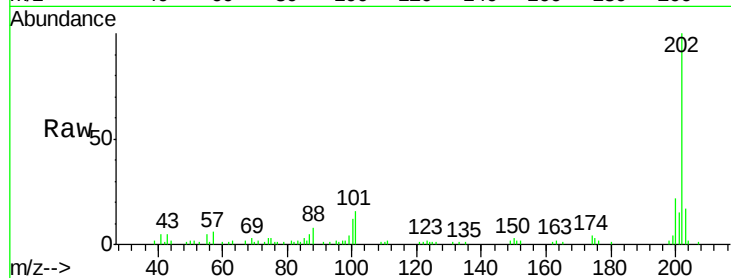




#74
 Fluoranthene
 Concen: 2.21 ng
 RT: 12.51 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

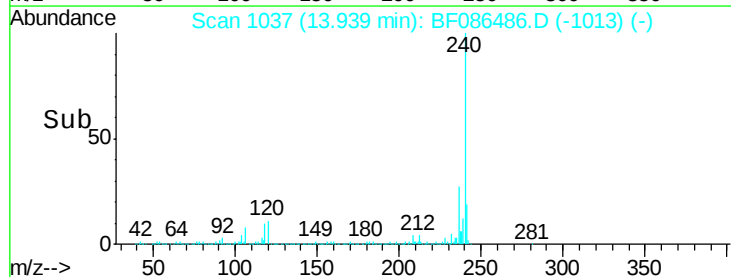
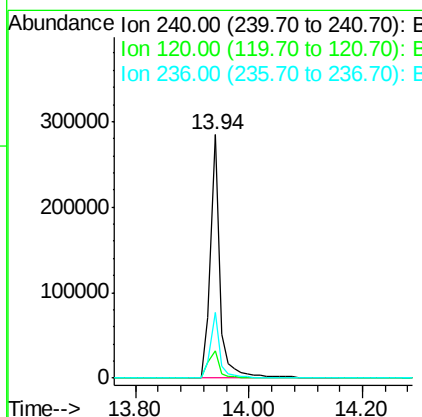
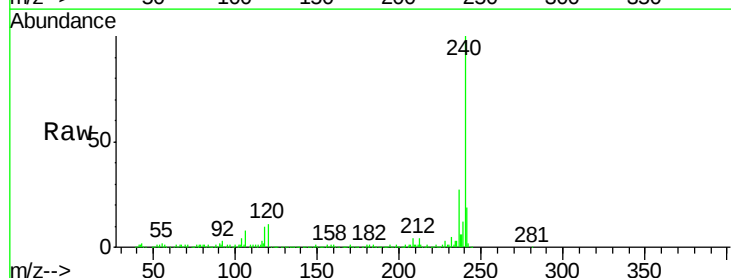
Instrument :
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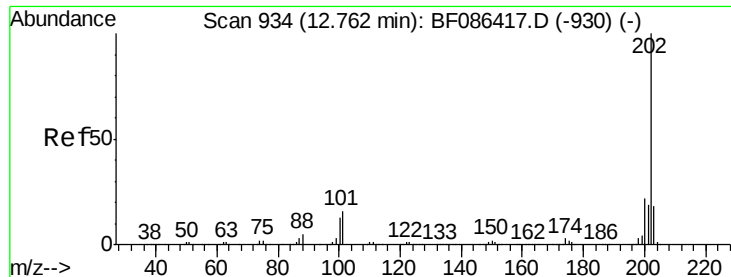
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	35.4
203	17.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF086486.D
 Acq: 29 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	11.2	16.8
236	26.9	21.2	31.8

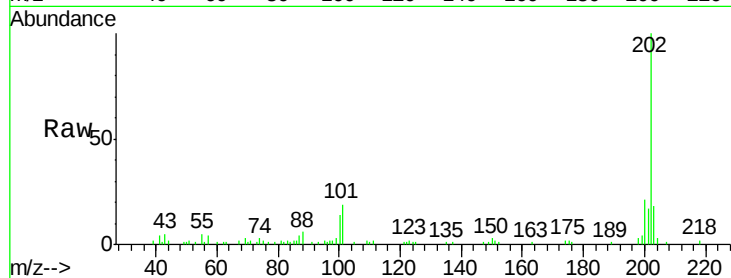




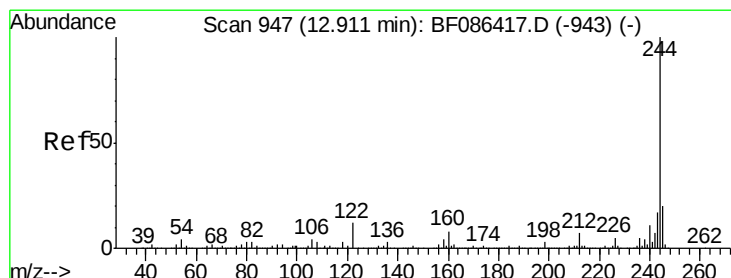
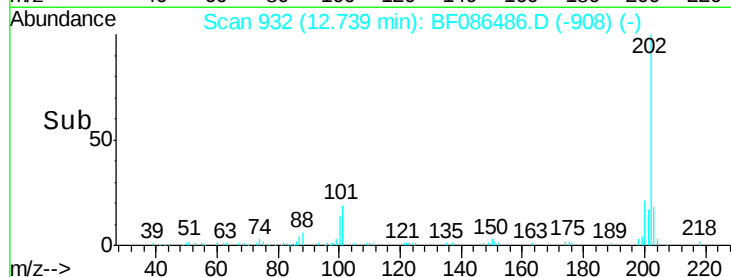
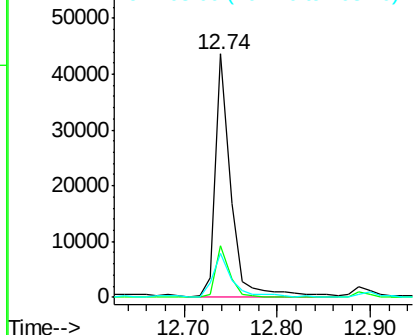
#77
Pvrene
Concen: 2.21 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-3(0-6FTBGS)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.9	14.2	21.4

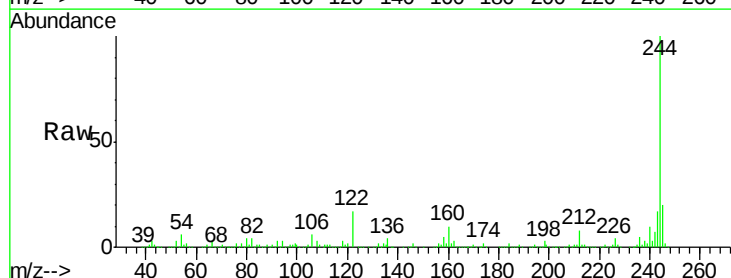


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

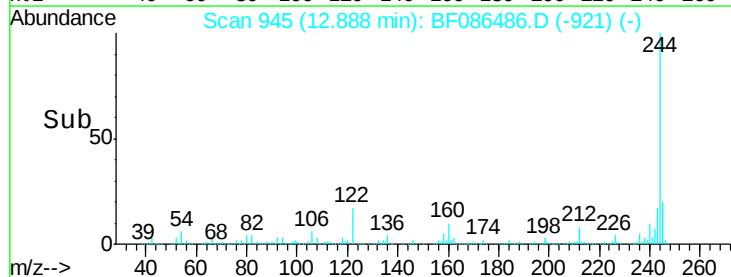
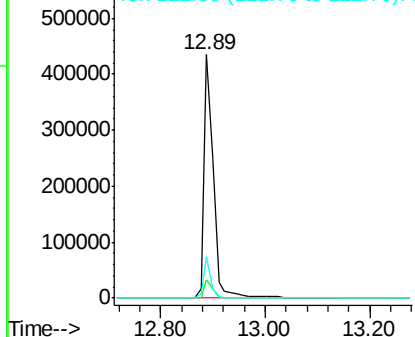


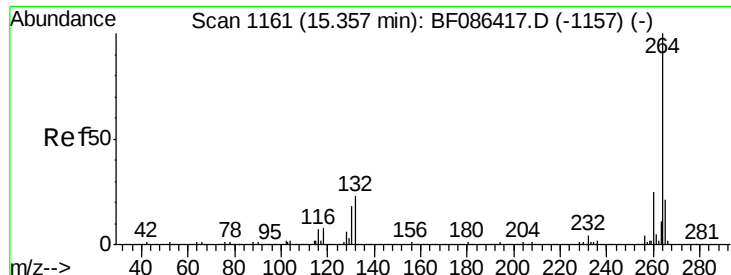
#78
Terphenyl-d14
Concen: 37.08 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	17.1	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

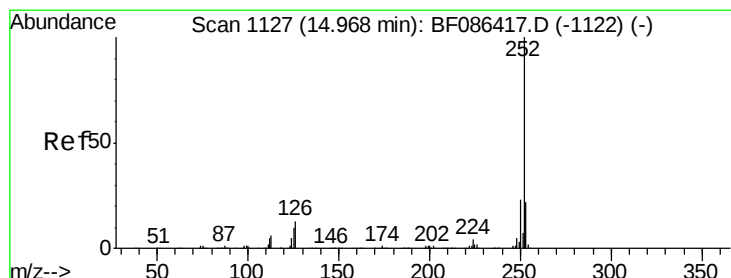
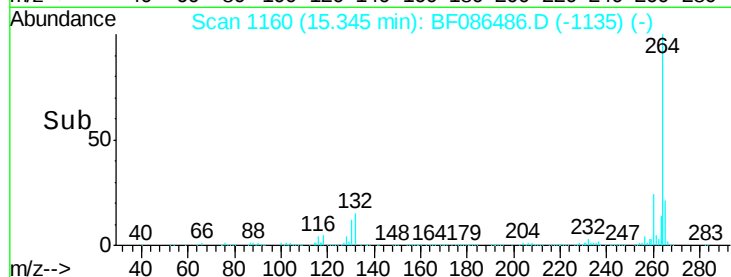
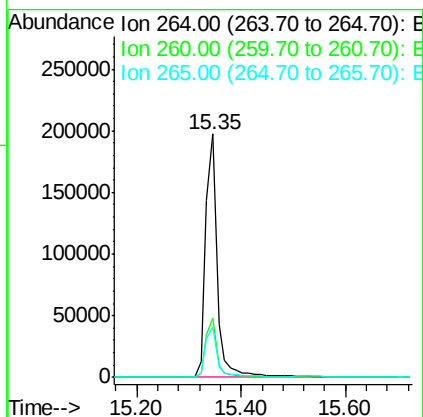
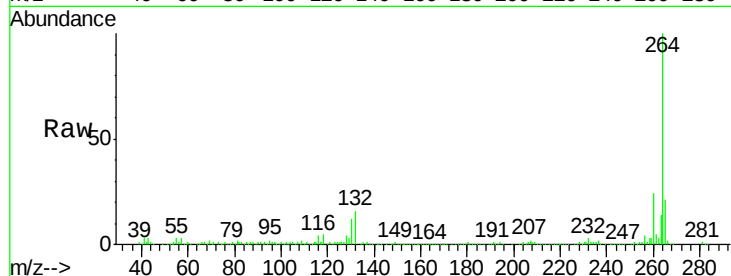




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

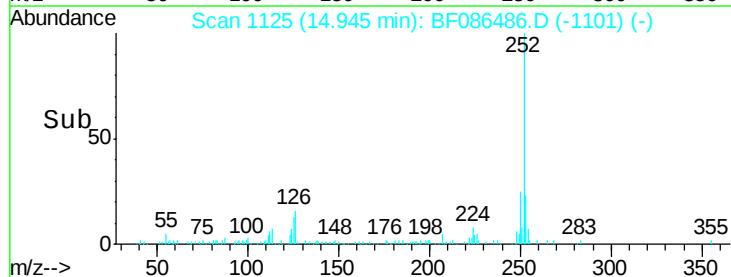
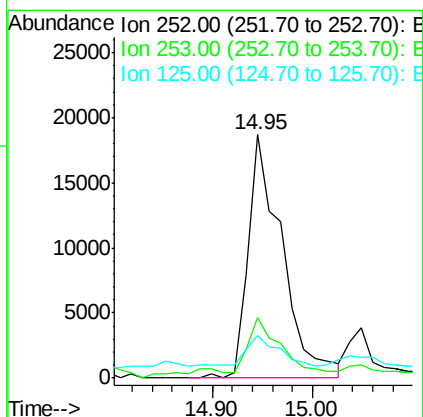
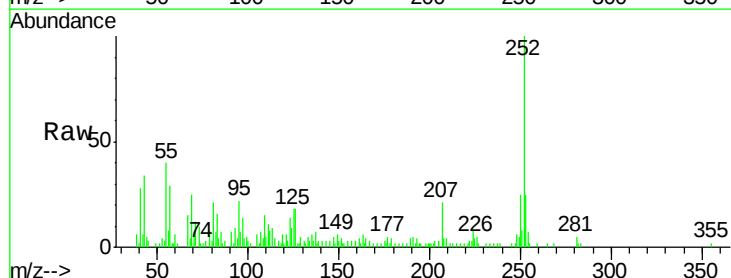
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-3(0-6FTBGS)

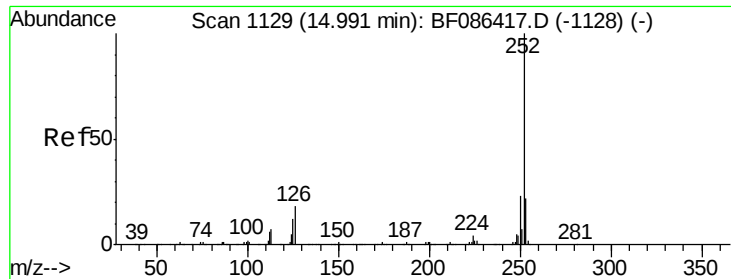
Tot Ion:264 Resp: 308944
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 20.7 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 2.40 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF086486.D
Acq: 29 Apr 2016 2:53

Tgt Ion:252 Resp: 43694
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 17.5 11.4 17.0#





#88

Benzo(k)fluoranthene

Concen: 2.30 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.05 min

Lab File: BF086486.D

Acq: 29 Apr 2016 2:53

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-3(0-6FTBGS)

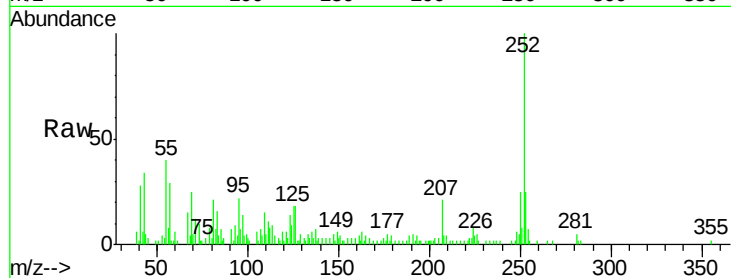
Tot Ion:252 Resp: 43694

Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.6

125 17.5 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

