

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080793.D
 Acq On : 1 Aug 2015 21:36
 Operator : TP/UM
 Sample : G3121-05 5X
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Manual Integrations
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 8/3/2015 3:42:08 PM

Quant Time: Aug 03 07:16:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147326	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	459959	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	210297	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	342225	20.00	ng	0.00
75) Chrysene-d12	14.00	240	411127	20.00	ng	0.00
86) Perylene-d12	15.41	264	380340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	194972	22.70	ng	0.00
7) Phenol-d6	6.48	99	244914	20.95	ng	-0.01
23) Nitrobenzene-d5	7.41	82	138236	14.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	37932	17.38	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	204441	14.50	ng	-0.01
78) Terphenyl-d14	12.95	244	134557	6.19	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	53946	3.64	ng	96
70) Phenanthrene	11.39	178	100496	5.83	ng	95
74) Fluoranthene	12.57	202	168912	10.13	ng	95
77) Pyrene	12.80	202	159091	4.99	ng	97
80) Benzo(a)anthracene	13.99	228	114577m	4.63	ng	
82) Chrysene	14.02	228	105121m	4.38	ng	
85) Indeno(1,2,3-cd)pyrene	16.79	276	37154	4.24	ng	# 77
87) Benzo(b)fluoranthene	15.00	252	157354m	6.93	ng	
89) Benzo(a)pyrene	15.35	252	83987	4.50	ng	# 94
91) Benzo(g,h,i)perylene	17.20	276	33775	2.06	ng	97

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

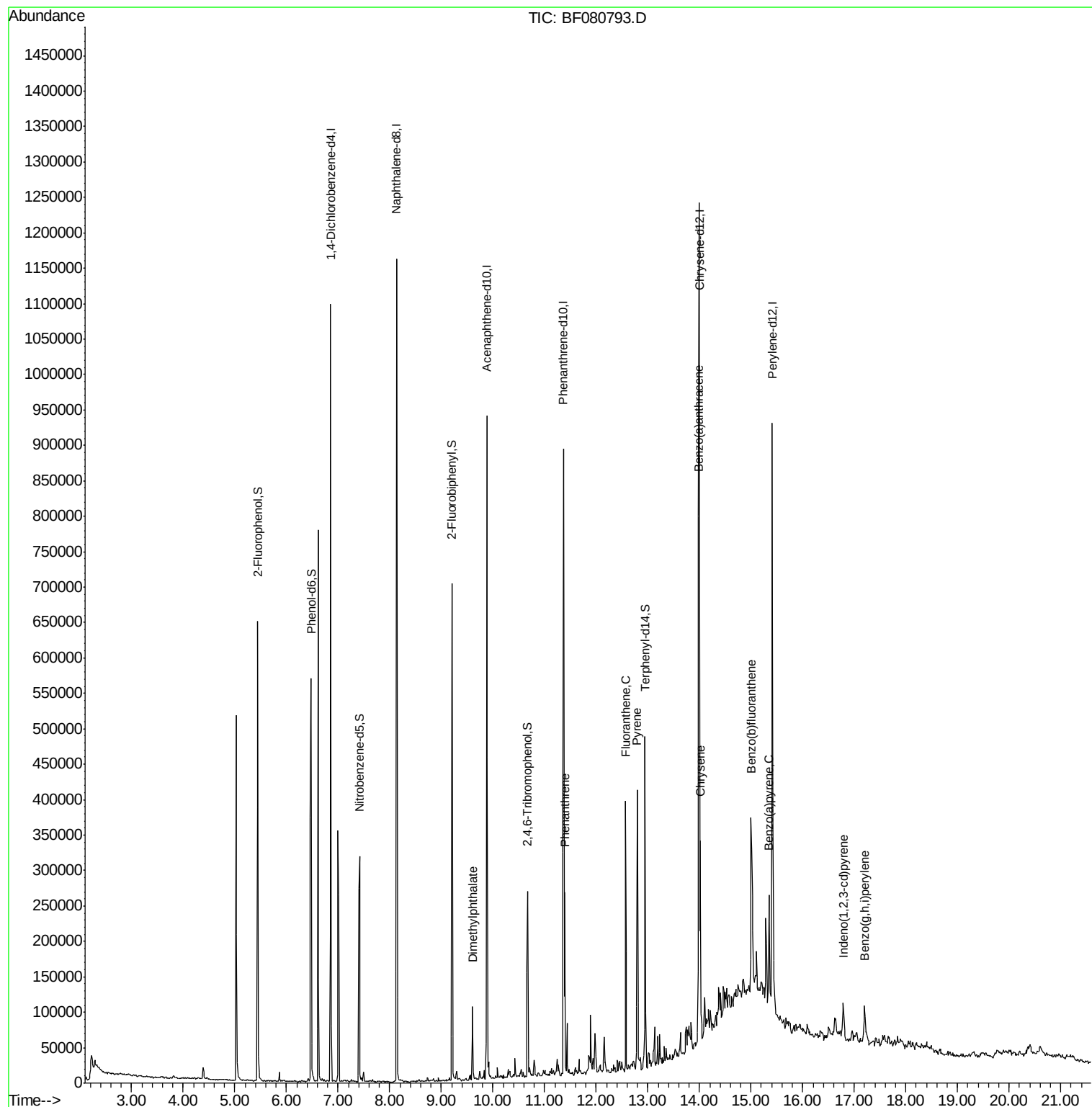
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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Misc :
ALS Vial : 79 Sample Multiplier: 1

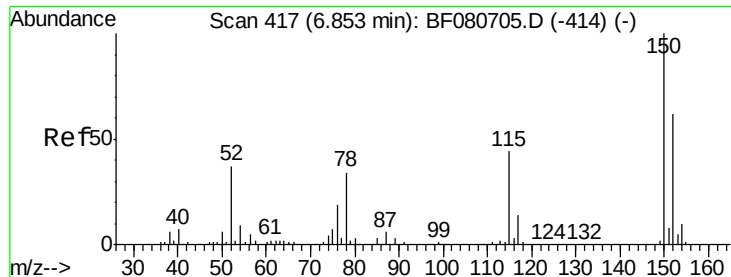
Instrument :
BNA_F
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NCQ-077CS-3(0-19FTBGS)

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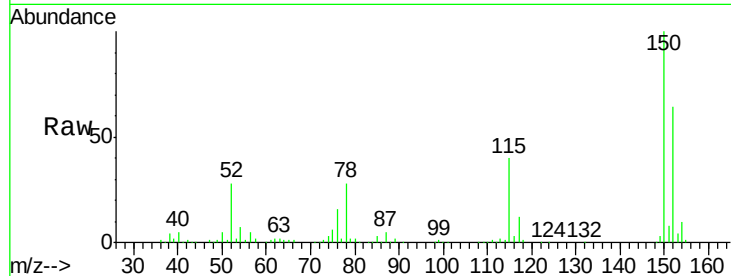
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080793.D
 Acq: 1 Aug 2015 21:36

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	147326		
150	155.5	129.6	194.4	
115	62.9	56.6	85.0	

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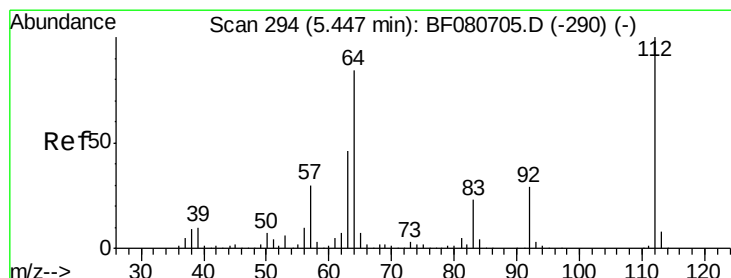
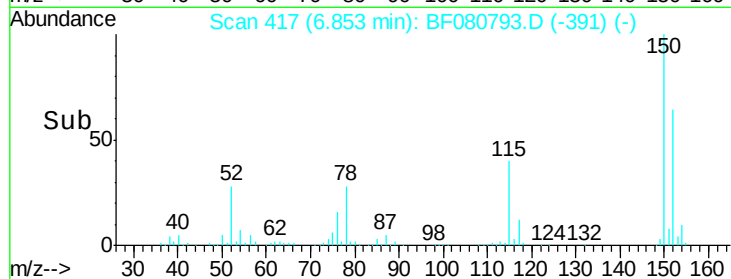
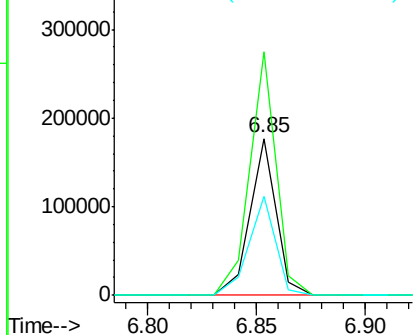


Abundance

Ion 152.00 (151.70 to 152.70): E

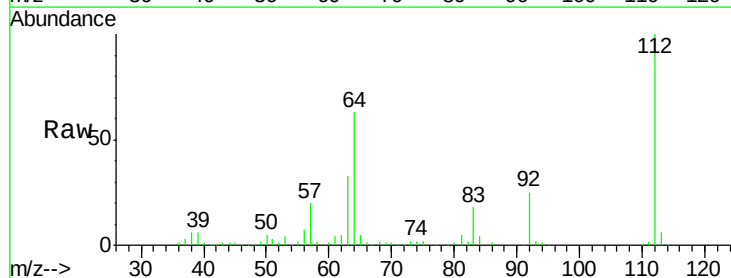
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 22.70 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BF080793.D
 Acq: 1 Aug 2015 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	194972		
64	63.3	66.8	100.2#	
63	33.2	36.7	55.1#	

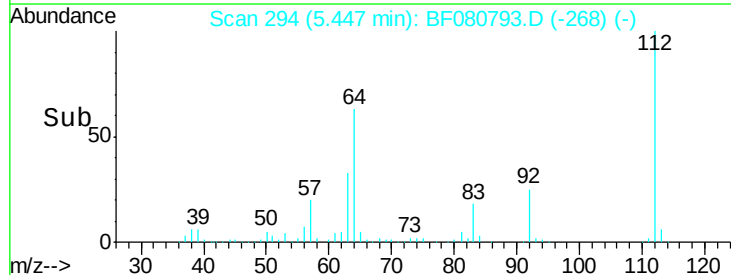
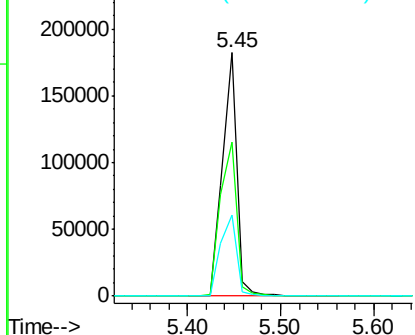


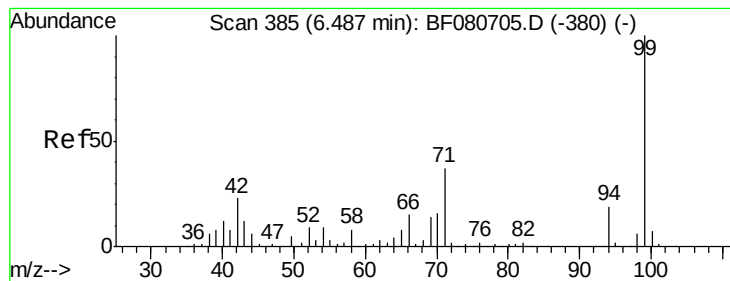
Abundance

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: 20.95 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

Instrument :

BNA_F

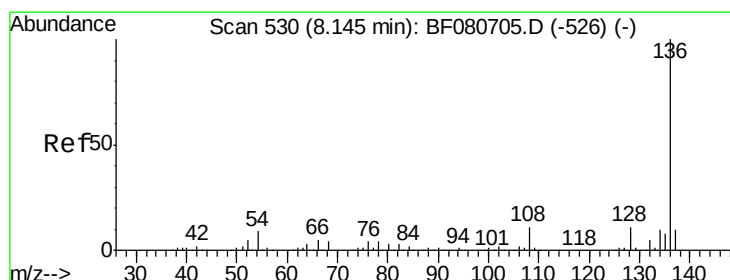
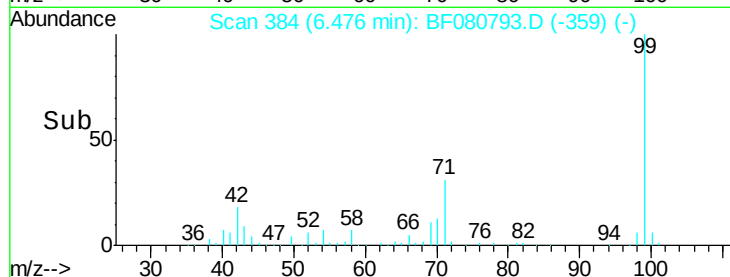
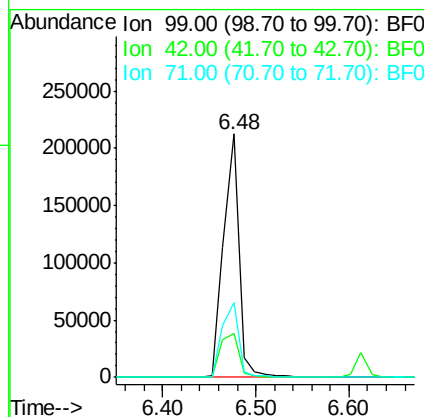
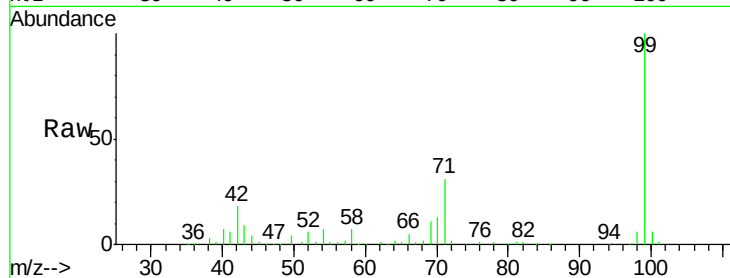
ClientSampleId :

NCQ-077CS-3(0-19FTBGS)

Tgt Ion:	99	Resp:	244914
Ion Ratio	Lower	Upper	
99	100		
42	18.0	18.2	27.2#
71	30.9	29.5	44.3

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#21

Naphthalene-d8

Concen: 20.00 ng

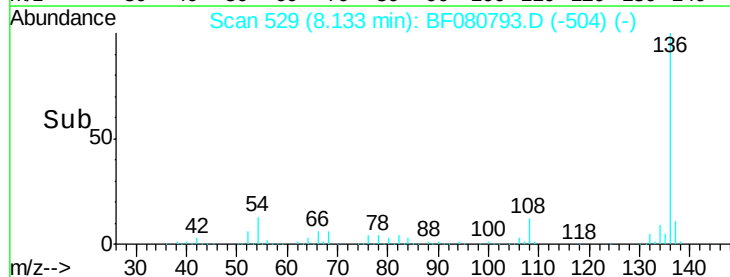
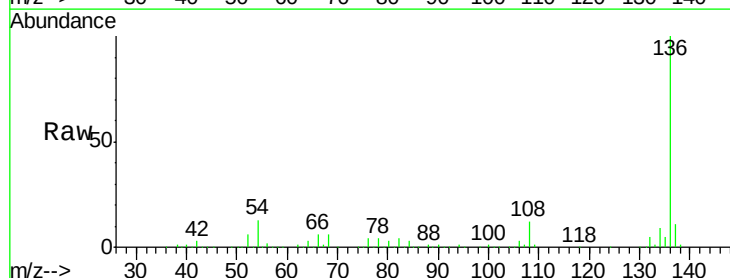
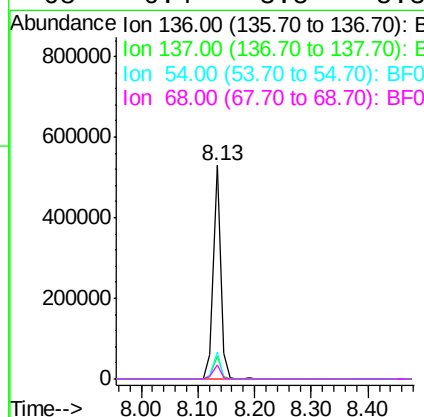
RT: 8.13 min Scan# 529

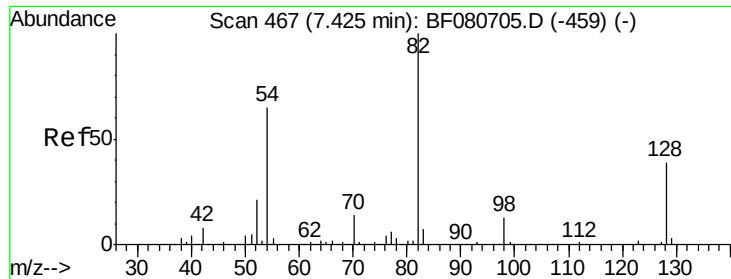
Delta R.T. -0.01 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

Tgt Ion:	136	Resp:	459959
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	12.8	6.9	10.3#
68	6.4	3.5	5.3#





#23

Nitrobenzene-d5

Concen: 14.55 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080793.D

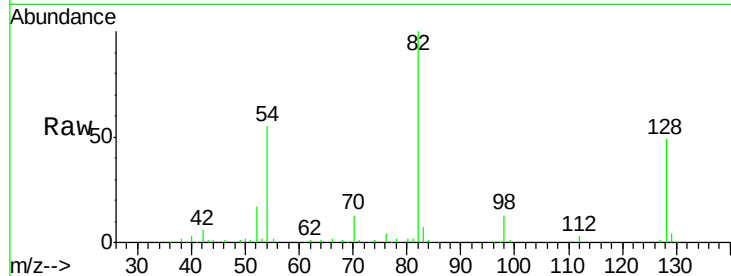
Acq: 1 Aug 2015 21:36

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)



Tgt Ion: 82 Resp: 138236

Ion Ratio Lower Upper

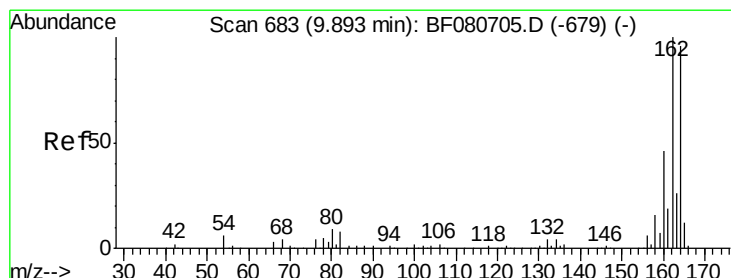
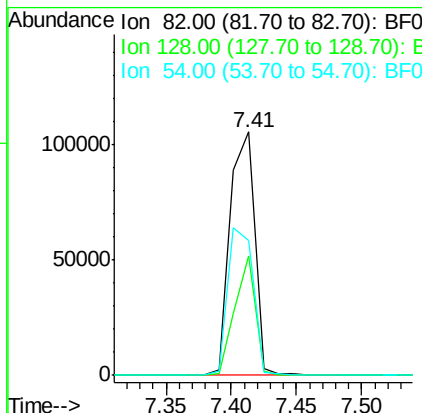
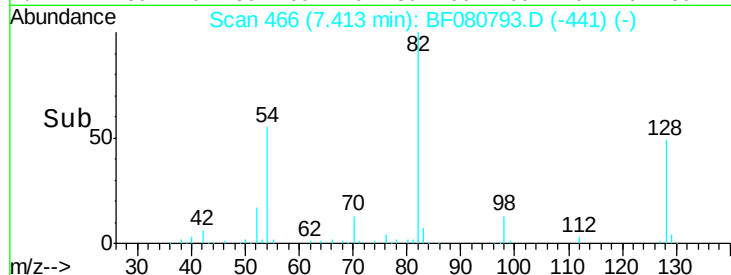
82 100

128 49.0 31.5 47.3#

54 55.3 51.8 77.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

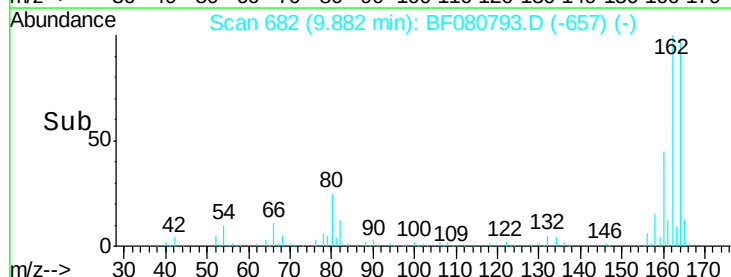
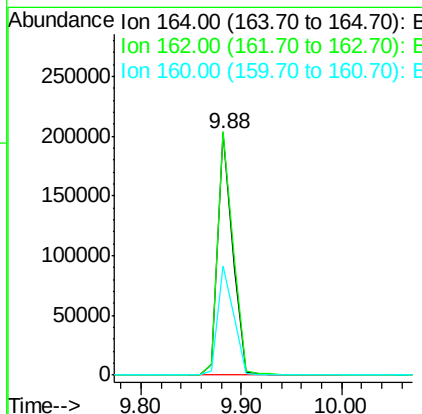
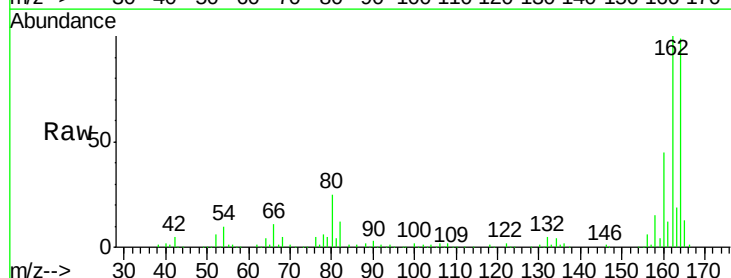
Tgt Ion: 164 Resp: 210297

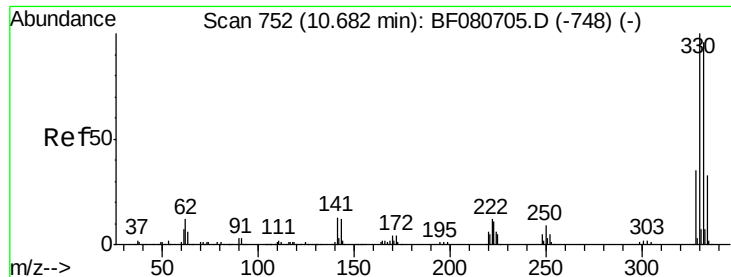
Ion Ratio Lower Upper

164 100

162 100.6 83.4 125.0

160 45.2 38.0 57.0





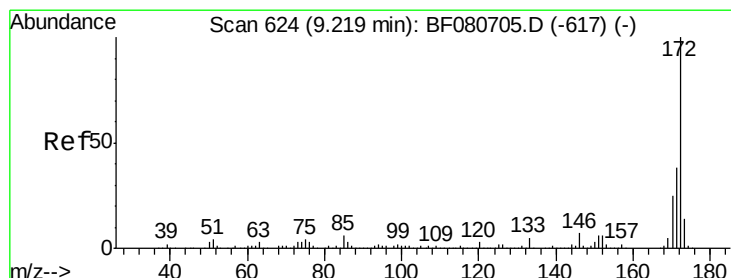
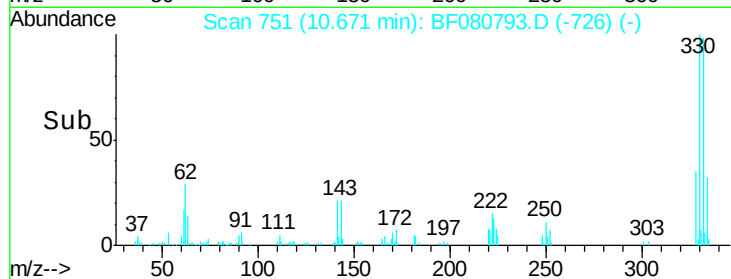
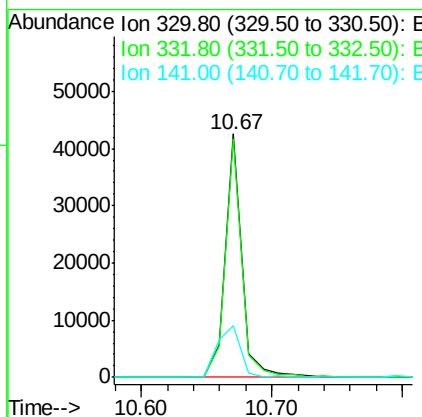
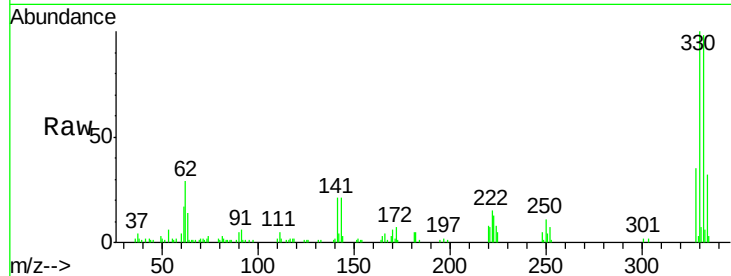
#41
 2,4,6-Tribromophenol
 Concen: 17.38 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080793.D
 Acq: 1 Aug 2015 21:36

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-3(0-19FTBGS)

Tgt Ion:	330	Resp:	37932
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.6	114.8
141	30.3	26.0	39.0

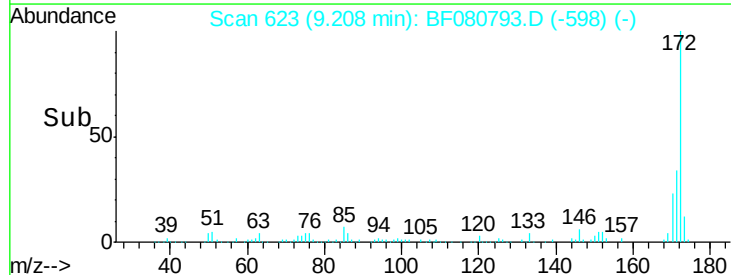
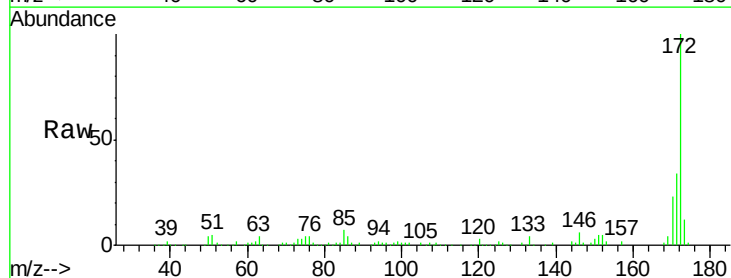
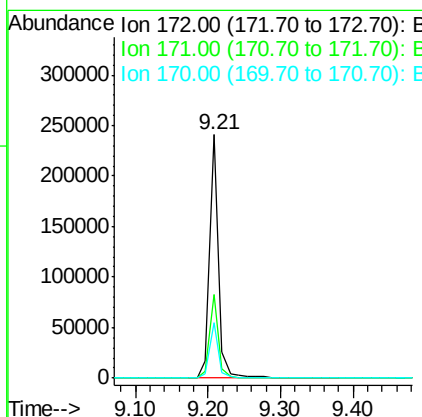
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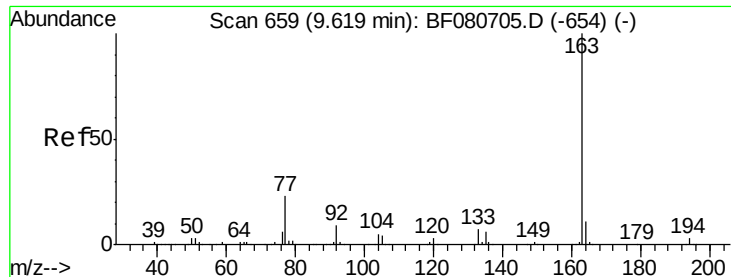
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#44
 2-Fluorobiphenyl
 Concen: 14.50 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080793.D
 Acq: 1 Aug 2015 21:36

Tgt Ion:	172	Resp:	204441
Ion Ratio	Lower	Upper	
172	100		
171	34.4	30.2	45.4
170	22.8	20.2	30.2





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF080793.D

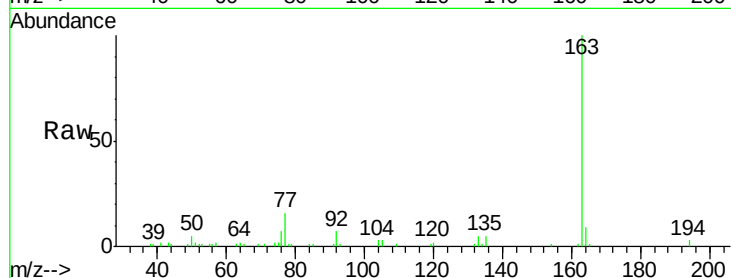
Acq: 1 Aug 2015 21:36

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-3(0-19FTBGS)



Tgt Ion:163 Resp: 53946

Ion Ratio Lower Upper

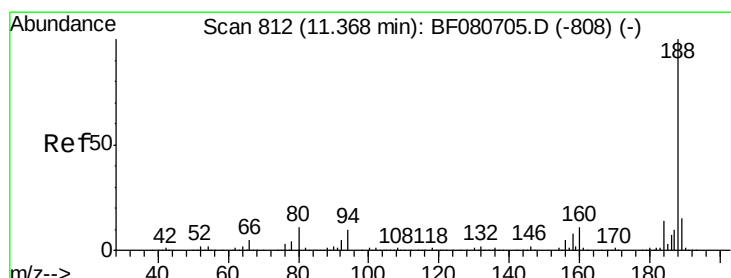
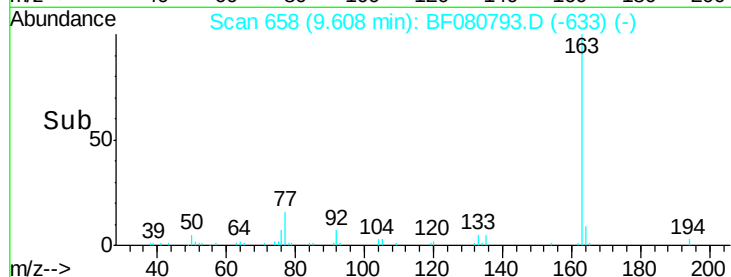
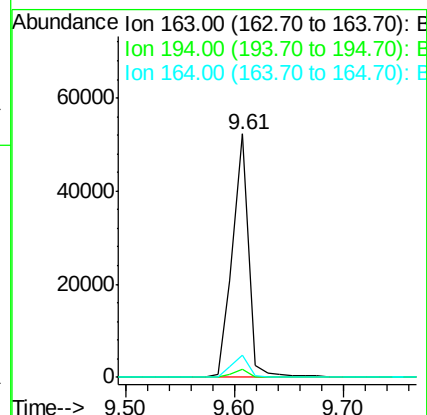
163 100

194 3.5 2.7 4.1

164 9.1 8.7 13.1

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

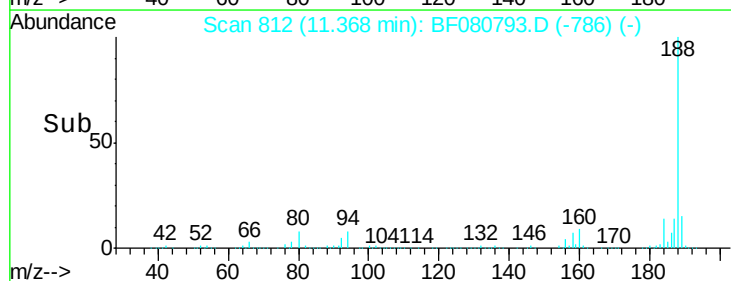
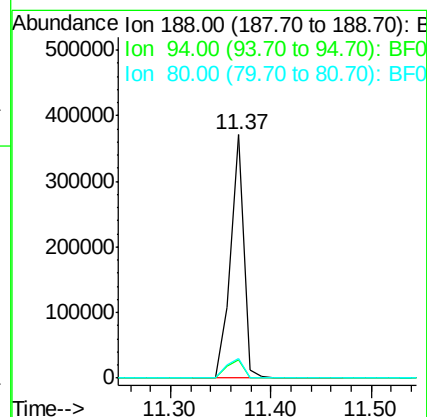
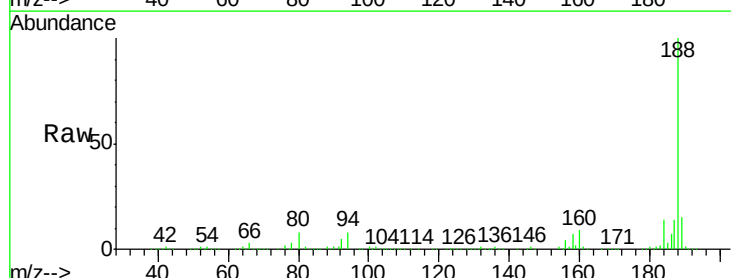
Tgt Ion:188 Resp: 342225

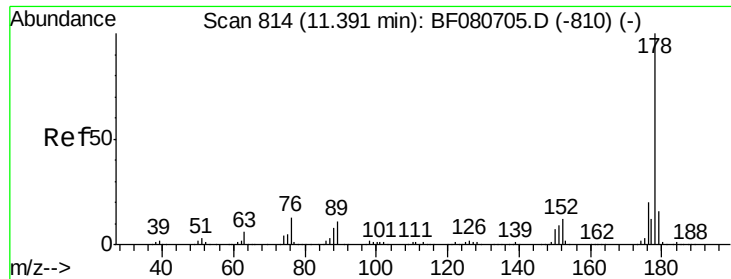
Ion Ratio Lower Upper

188 100

94 7.8 8.1 12.1#

80 8.1 9.1 13.7#





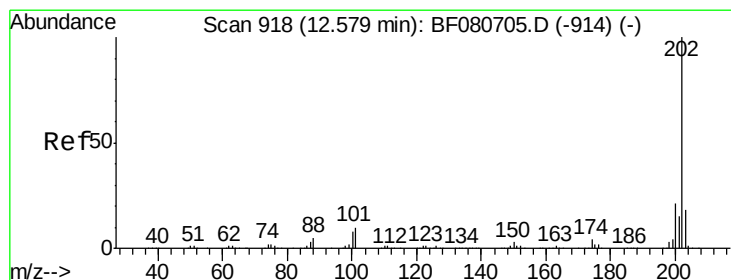
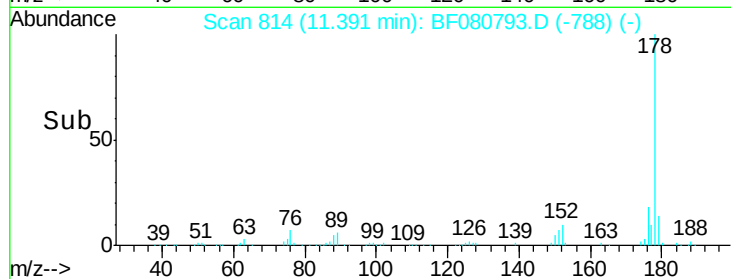
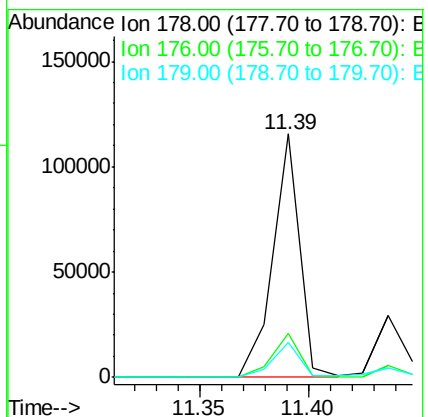
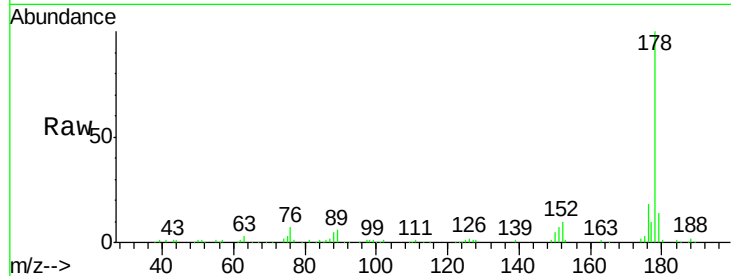
#70
Phenanthrene
Concen: 5.83 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF080793.D
Acq: 1 Aug 2015 21:36

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	100496		
176	17.8	16.2	24.4	
179	14.4	13.0	19.4	

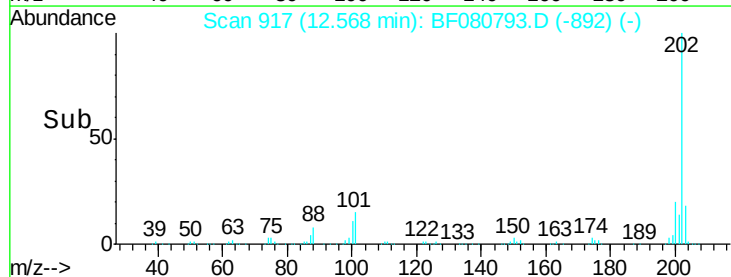
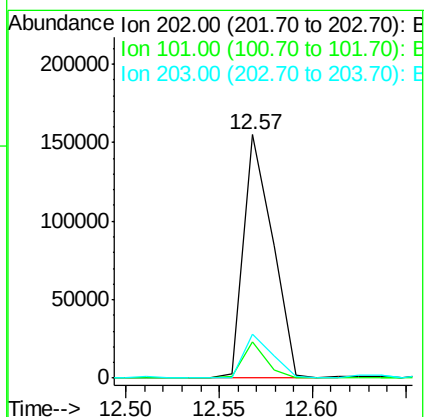
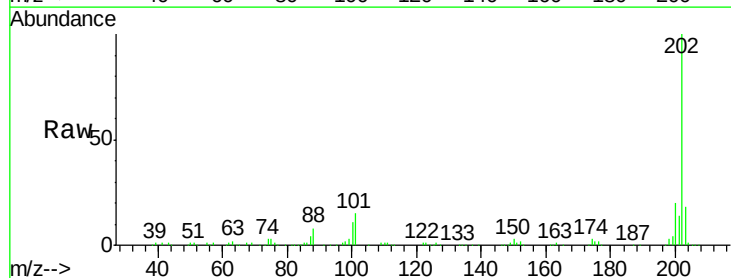
Manual Integrations
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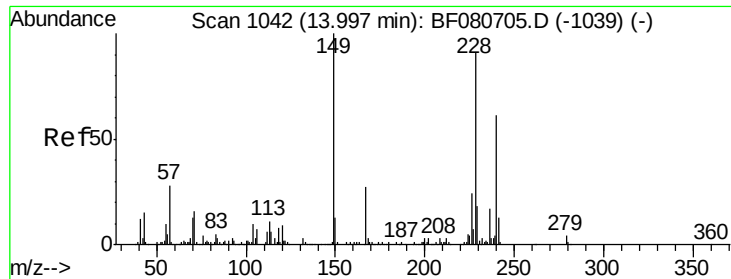
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#74
Fluoranthene
Concen: 10.13 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF080793.D
Acq: 1 Aug 2015 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	168912		
101	14.9	0.0	29.6	
203	17.9	0.0	37.8	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080793.D

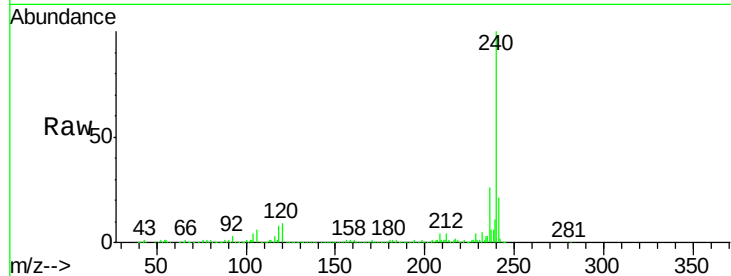
Acq: 1 Aug 2015 21:36

Instrument :

BNA_F

ClientSampleId :

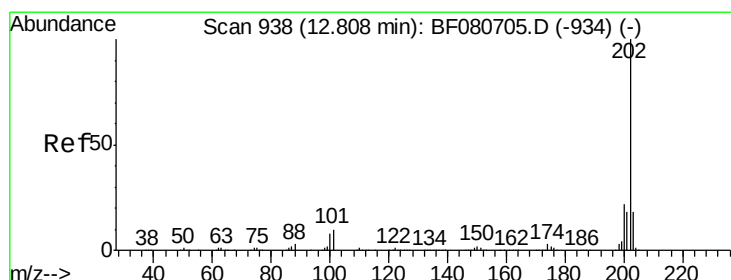
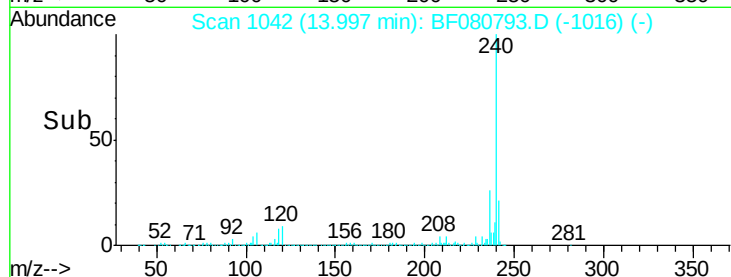
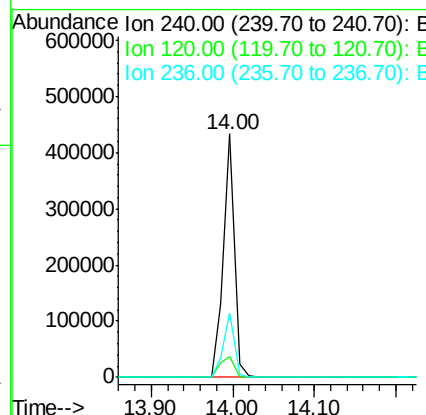
NCQ-077CS-3(0-19FTBGS)



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	411127		
120	8.8	11.8	17.8#	
236	26.4	21.8	32.8	

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#77

Pyrene

Concen: 4.99 ng

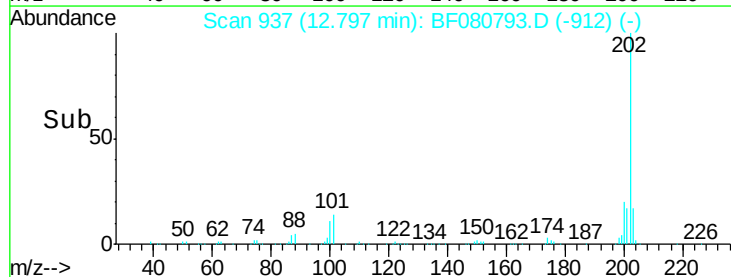
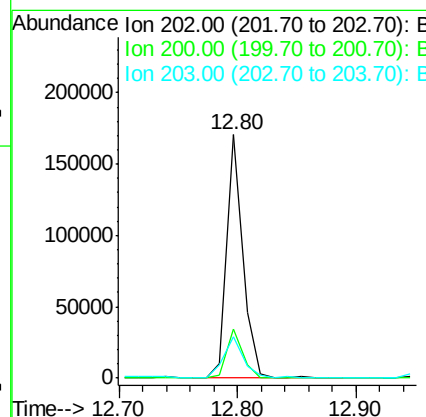
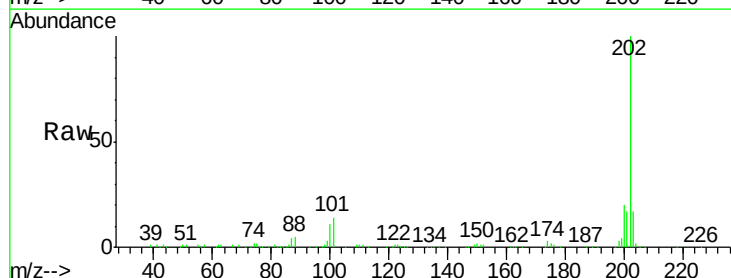
RT: 12.80 min Scan# 937

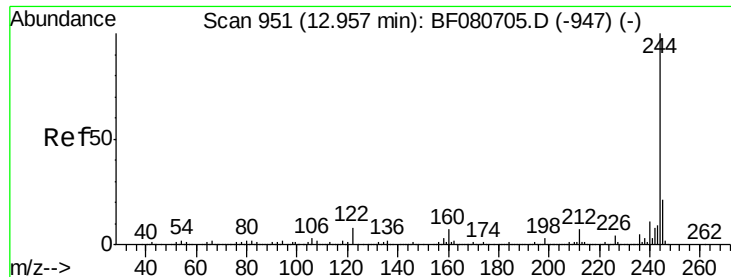
Delta R.T. -0.01 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	159091		
200	20.2	17.4	26.2	
203	17.0	14.2	21.2	





#78

Terphenyl-d14

Concen: 6.19 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

Instrument :

BNA_F

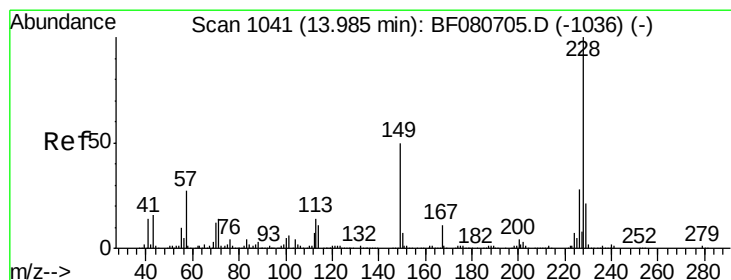
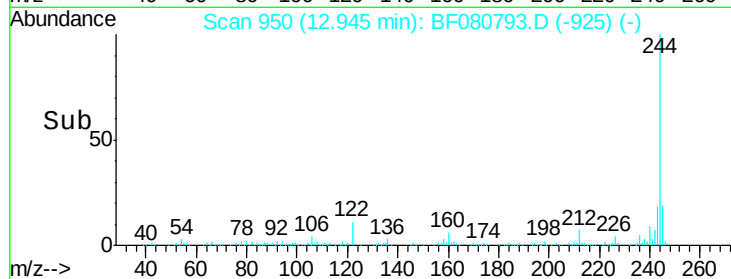
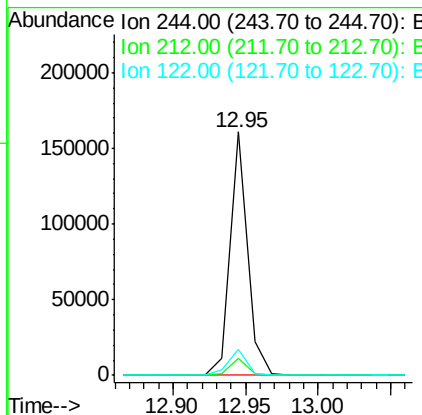
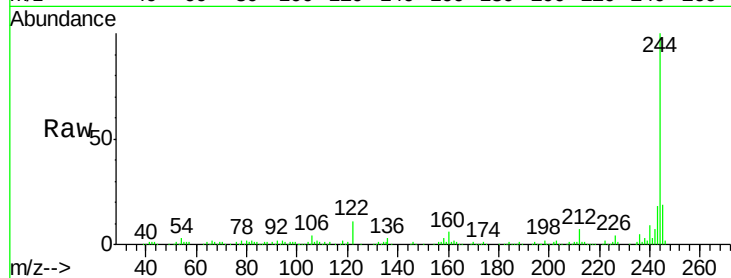
ClientSampleId :

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Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	5.9	8.9
122	10.7	6.6	9.8#



#80

Benzo(a)anthracene

Concen: 4.63 ng m

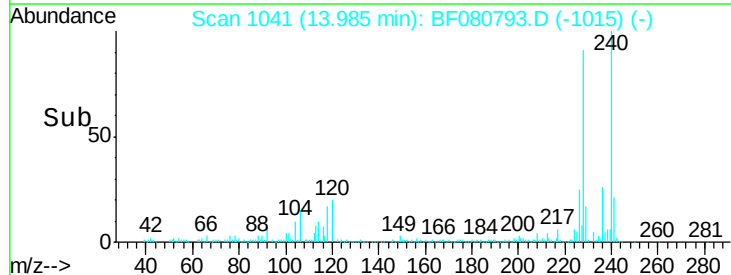
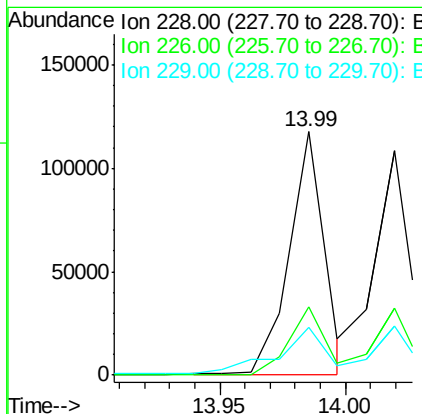
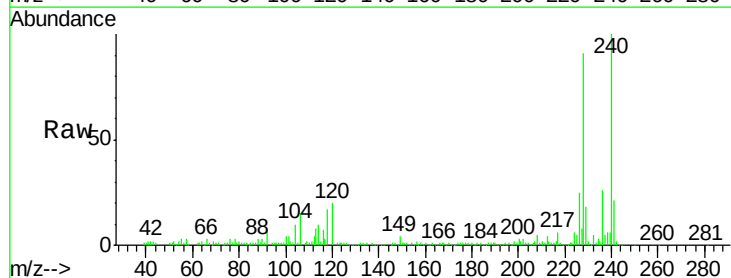
RT: 13.99 min Scan# 1041

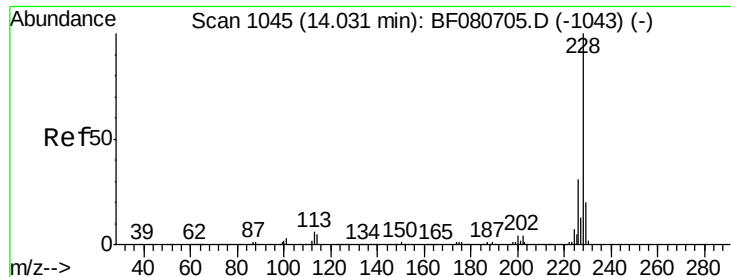
Delta R.T. 0.00 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.6	33.8
229	19.6	16.6	25.0





#82

Chrysene

Concen: 4.38 ng m

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

Instrument :

BNA_F

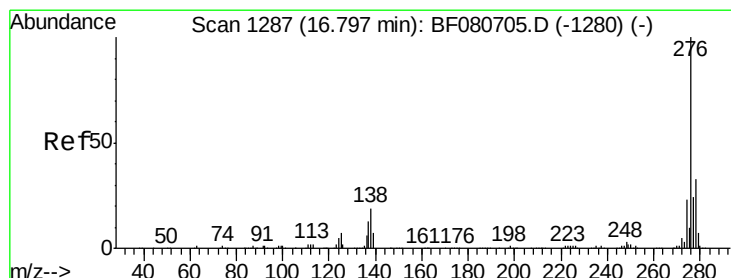
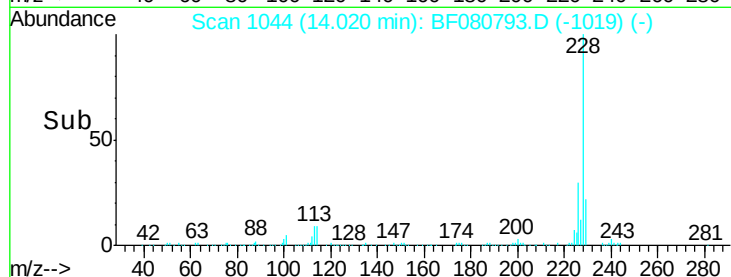
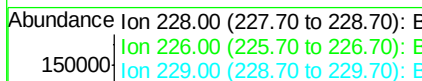
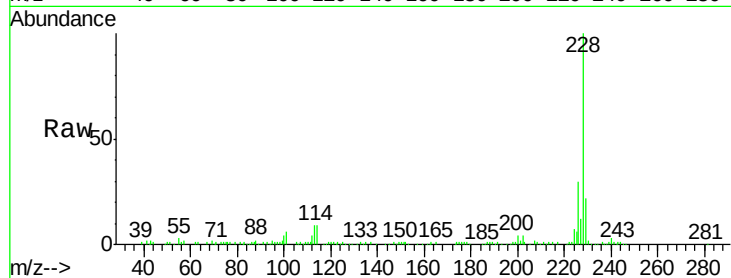
ClientSampleId :

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Tgt Ion:	228	Resp:	105121
Ion Ratio		Lower	Upper
228	100		
226	30.0	25.1	37.7
229	22.0	15.8	23.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.24 ng

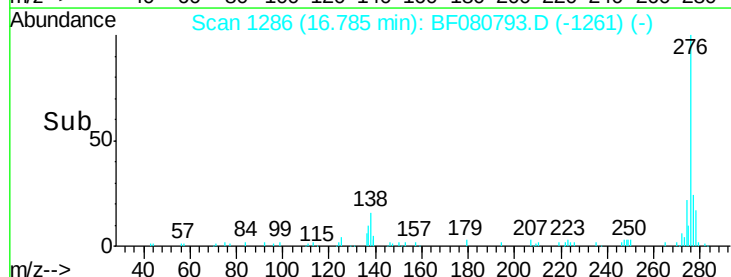
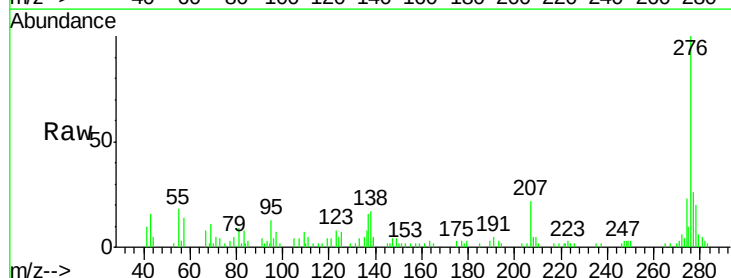
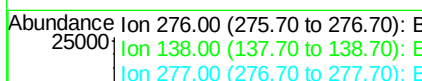
RT: 16.79 min Scan# 1286

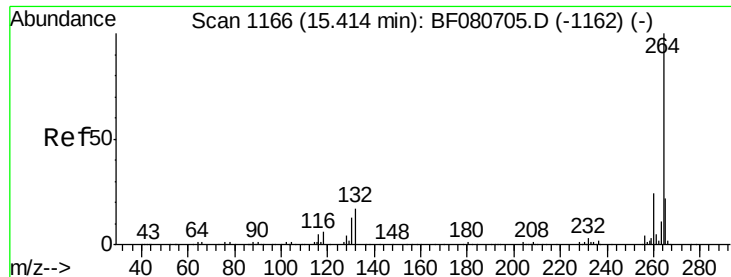
Delta R.T. -0.01 min

Lab File: BF080793.D

Acq: 1 Aug 2015 21:36

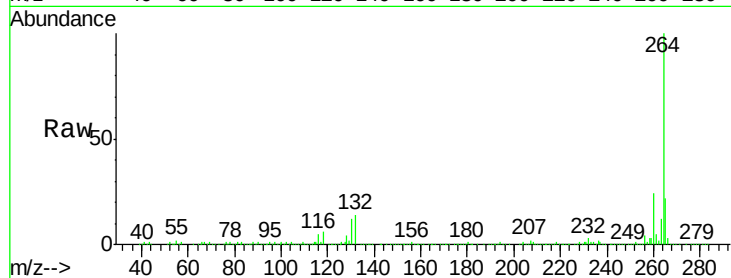
Tgt Ion:	276	Resp:	37154
Ion Ratio		Lower	Upper
276	100		
138	22.3	13.2	19.8#
277	33.4	15.4	23.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF080793.D
Acq: 1 Aug 2015 21:36

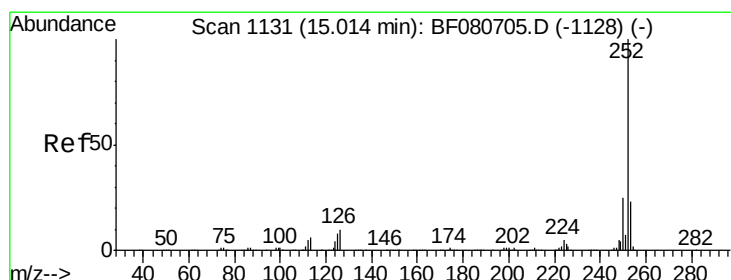
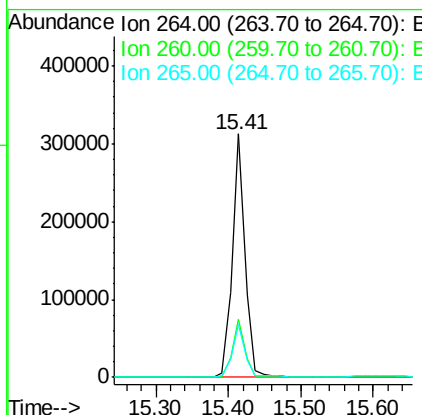
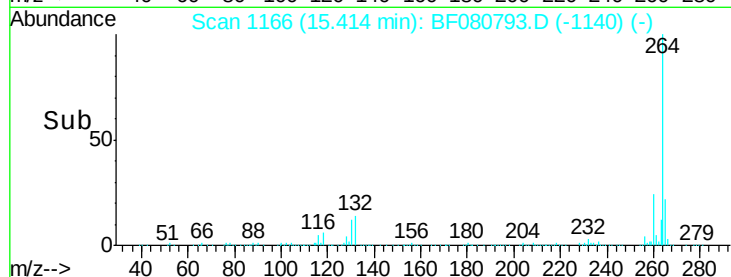
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-3(0-19FTBGS)



Tgt Ion	Ratio	Resp	Lower	Upper
264	100	380340		
260	23.8	19.4	29.0	
265	21.8	17.3	25.9	

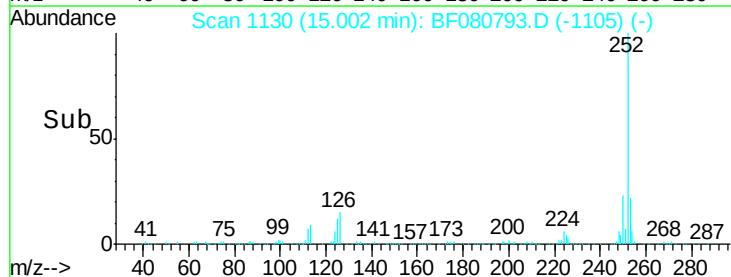
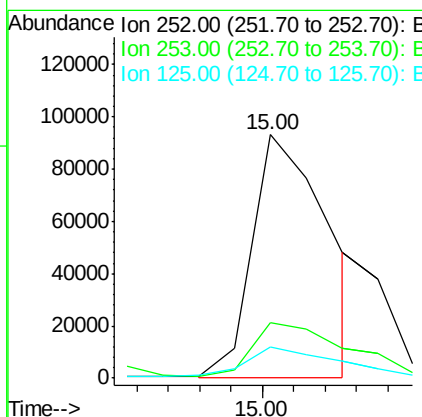
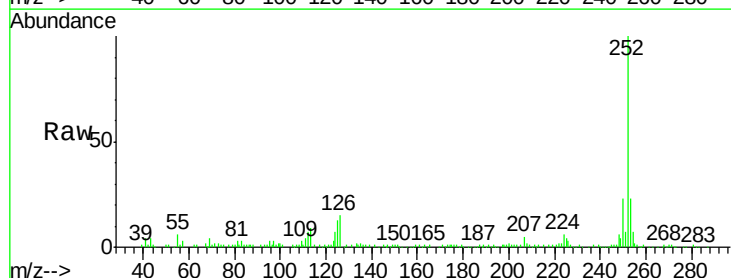
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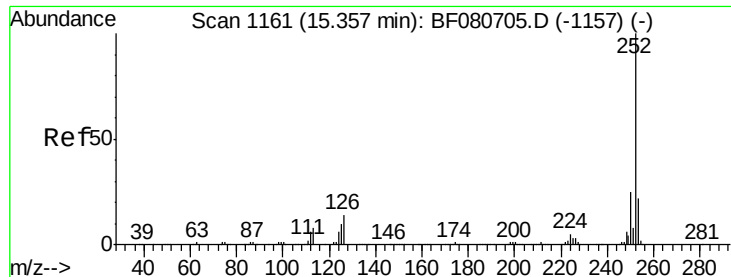
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#87
Benzo(b)fluoranthene
Concen: 6.93 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080793.D
Acq: 1 Aug 2015 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	157354		
253	22.7	18.1	27.1	
125	12.8	6.2	9.2#	





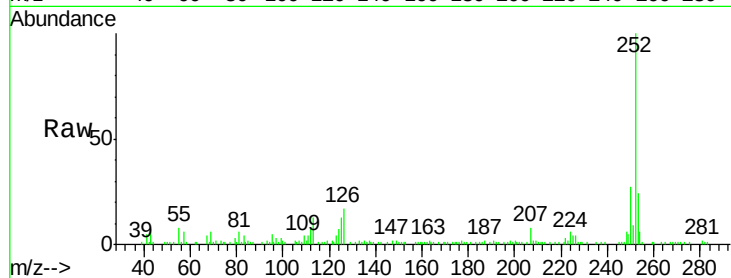
#89
Benzo(a)pyrene
Concen: 4.50 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF080793.D
Acq: 1 Aug 2015 21:36

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-3(0-19FTBGS)

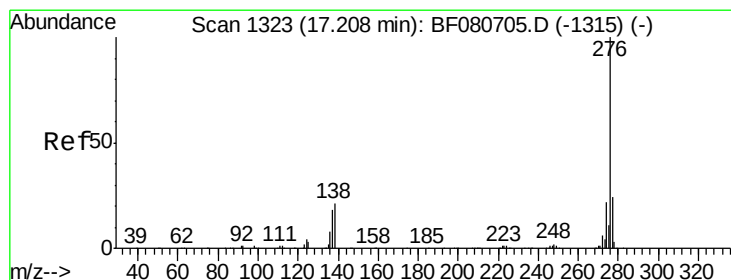
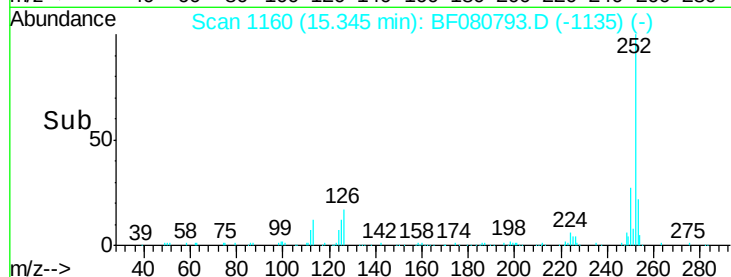
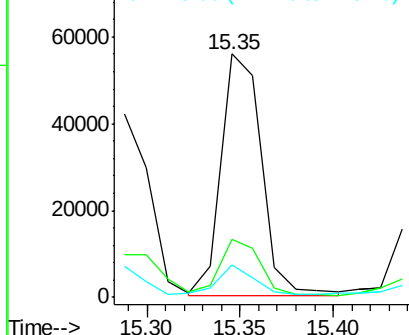
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	83987		
253	23.8		17.2	25.8
125	13.3		8.2	12.4

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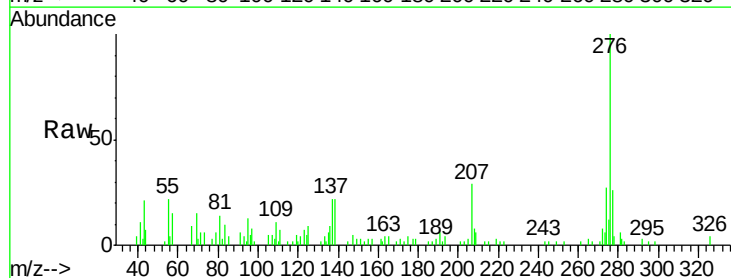


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.06 ng
RT: 17.20 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF080793.D
Acq: 1 Aug 2015 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	33775		
277	26.0		18.9	28.3
138	21.6		16.9	25.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

