

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080794.D
 Acq On : 1 Aug 2015 22:07
 Operator : TP/UM
 Sample : G3121-04 5X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

Manual Integrations
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 8/3/2015 3:42:15 PM

Quant Time: Aug 03 07:18:34 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	157416	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	552554	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	238317	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	513895	20.00	ng	0.00
75) Chrysene-d12	14.00	240	309363	20.00	ng	0.00
86) Perylene-d12	15.41	264	478143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	233864	25.49	ng	0.00
7) Phenol-d6	6.48	99	325297	26.04	ng	-0.01
23) Nitrobenzene-d5	7.41	82	182012	15.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	65712	26.57	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	257509	16.12	ng	-0.01
78) Terphenyl-d14	12.95	244	152693	9.33	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	55754	3.32	ng	99
70) Phenanthrene	11.39	178	103533	4.00	ng	96
74) Fluoranthene	12.57	202	95433	3.81	ng	96
77) Pyrene	12.80	202	94441	3.94	ng	98
80) Benzo(a)anthracene	13.99	228	46615m	2.51	ng	
82) Chrysene	14.02	228	43560m	2.41	ng	
85) Indeno(1,2,3-cd)pyrene	16.79	276	32284	4.49	ng	# 78
87) Benzo(b)fluoranthene	15.00	252	89013m	3.12	ng	
89) Benzo(a)pyrene	15.35	252	61334	2.62	ng	# 92

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

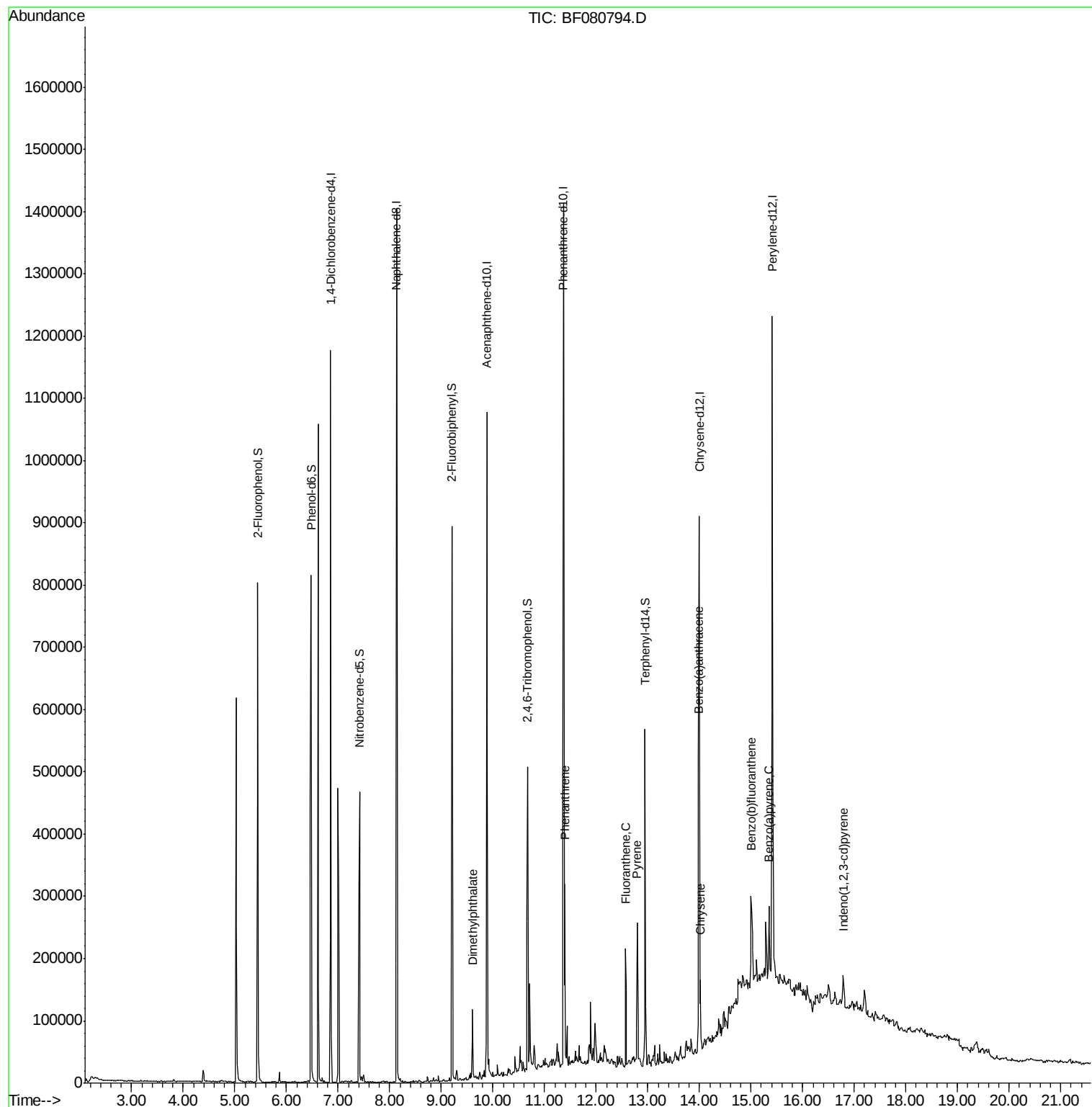
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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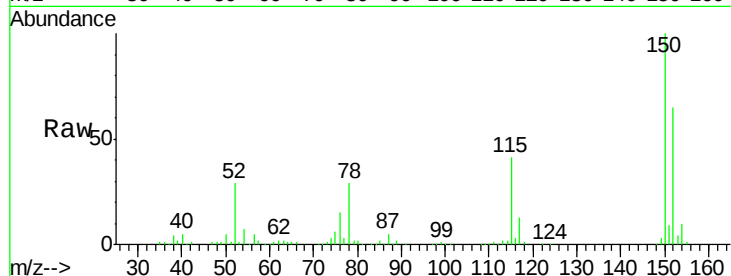




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

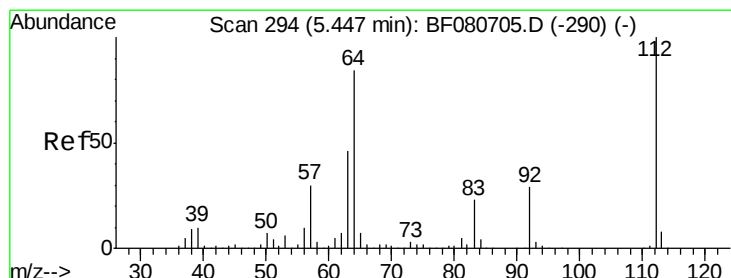
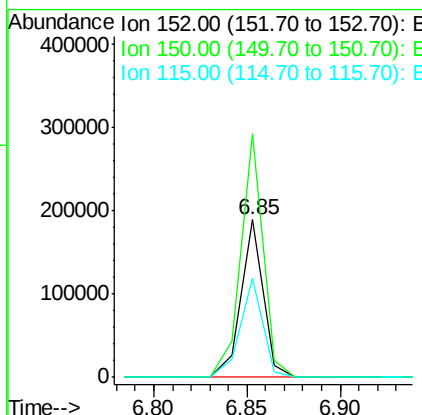
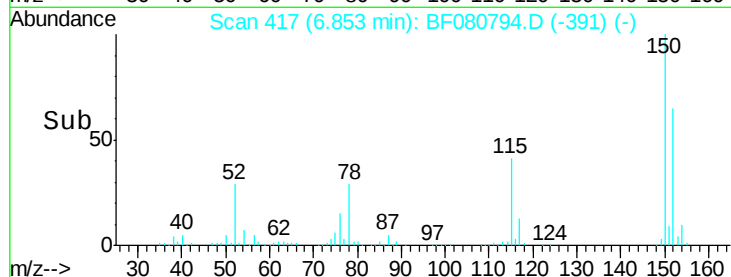
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	129.6	194.4
115	63.2	56.6	85.0

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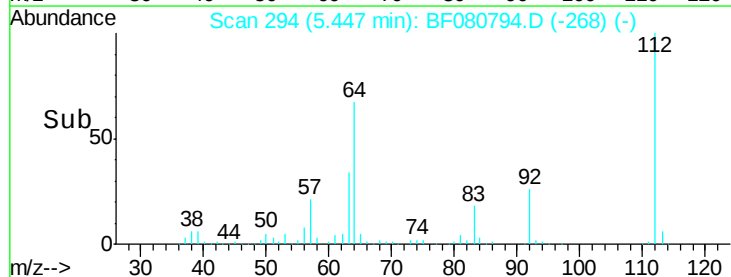
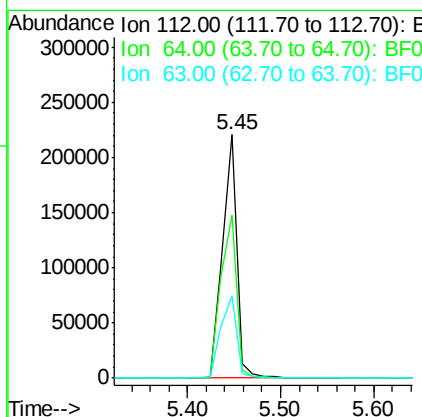
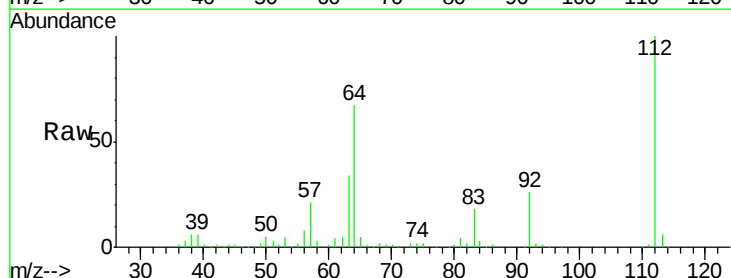
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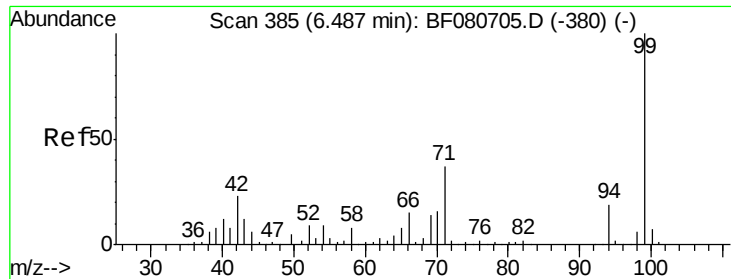


#5

2-Fluorophenol
Concen: 25.49 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	66.8	100.2
63	33.9	36.7	55.1#





#7

Phenol-d6

Concen: 26.04 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080794.D

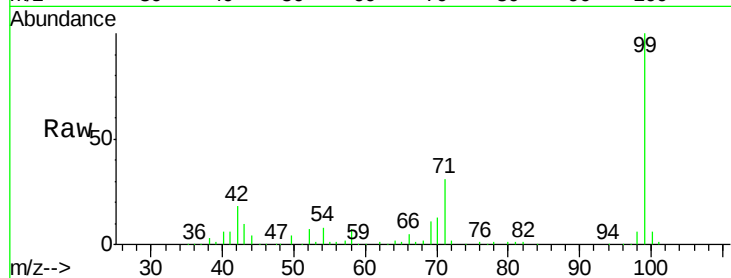
Acq: 1 Aug 2015 22:07

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)



Tgt Ion: 99 Resp: 325297

Ion Ratio Lower Upper

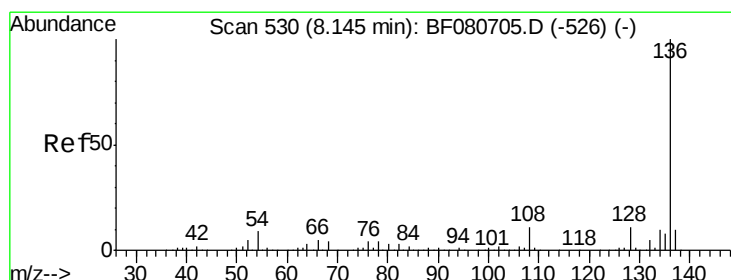
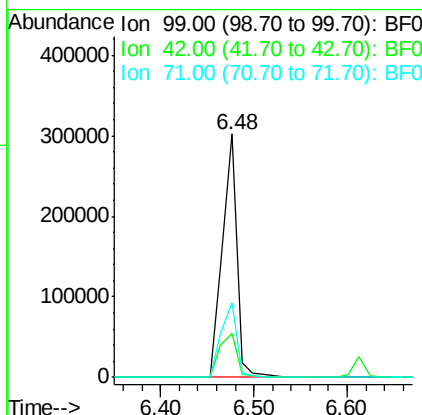
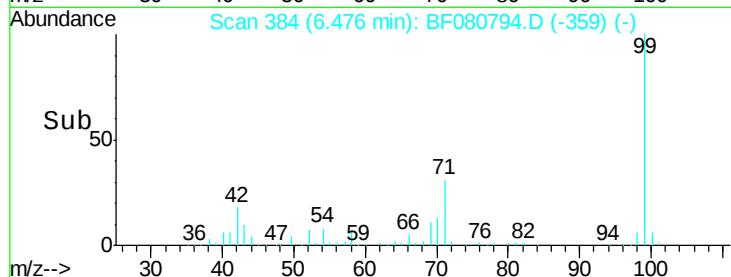
99 100

42 17.8 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: BF080794.D

Acq: 1 Aug 2015 22:07

Tgt Ion: 136 Resp: 552554

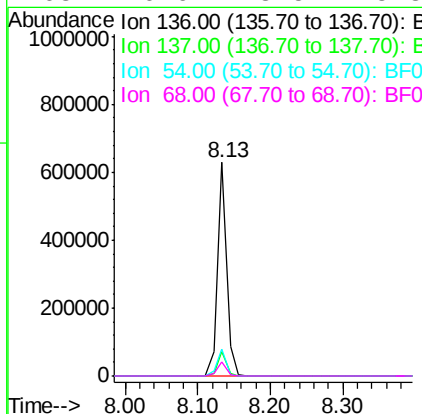
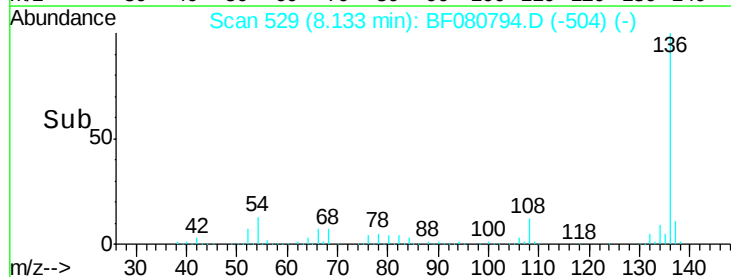
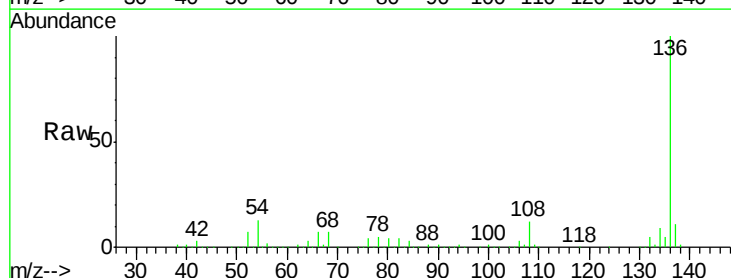
Ion Ratio Lower Upper

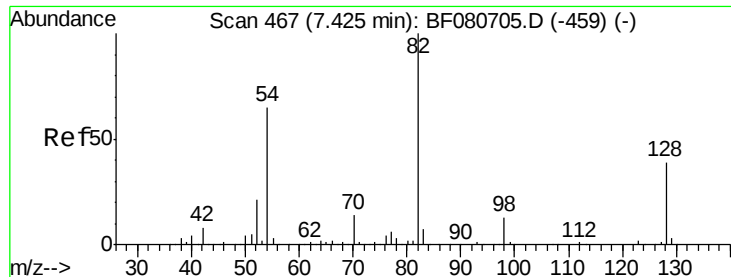
136 100

137 11.1 8.4 12.6

54 12.8 6.9 10.3#

68 6.6 3.5 5.3#





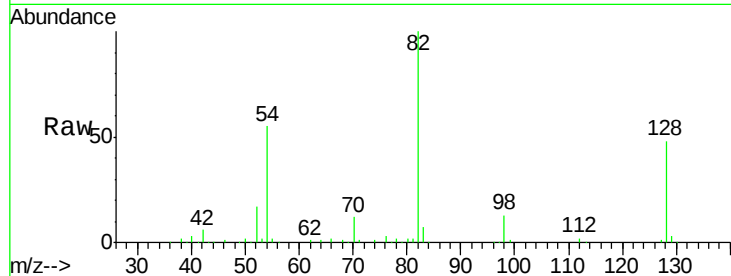
#23
 Nitrobenzene-d5
 Concen: 15.95 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080794.D
 Acq: 1 Aug 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)

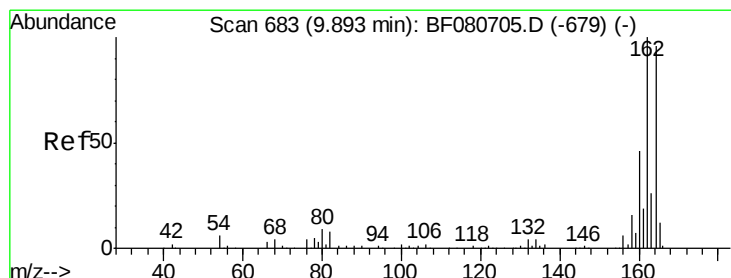
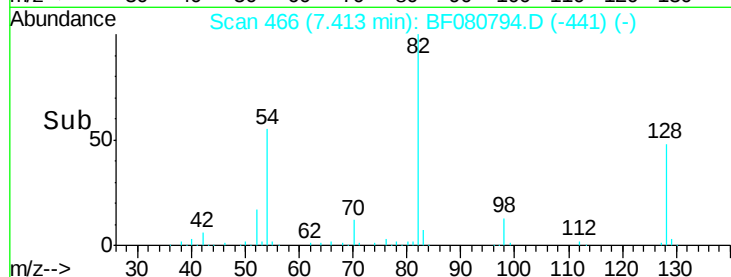
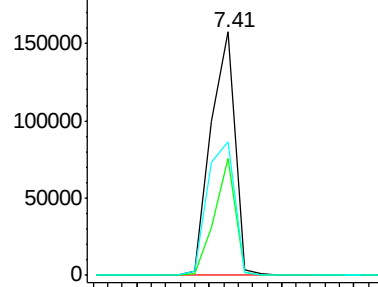
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	48.0	31.5	47.3#
54	54.8	51.8	77.8

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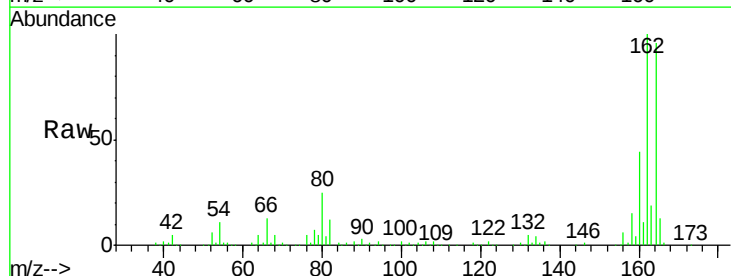


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

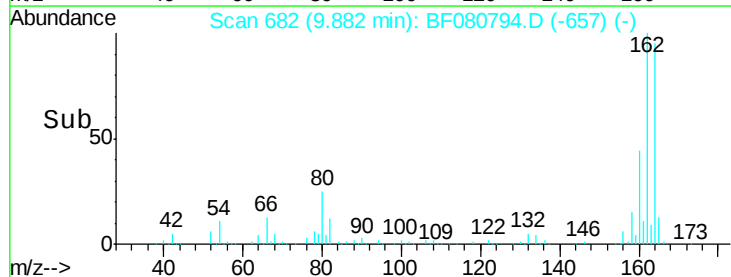
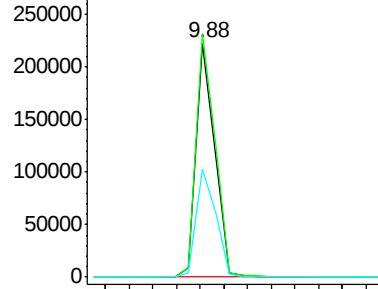


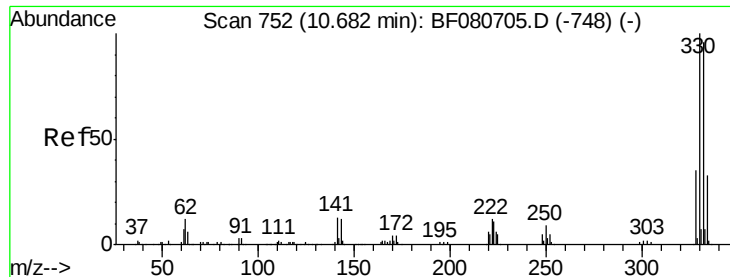
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080794.D
 Acq: 1 Aug 2015 22:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	104.3	83.4	125.0
160	46.4	38.0	57.0



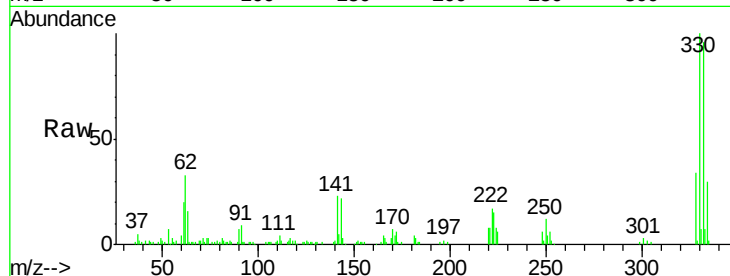
Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





#41
 2,4,6-Tribromophenol
 Concen: 26.57 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080794.D
 Acq: 1 Aug 2015 22:07

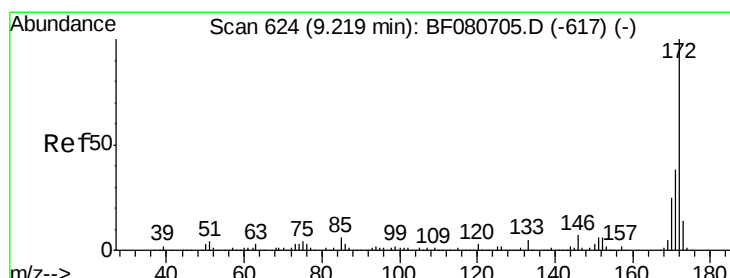
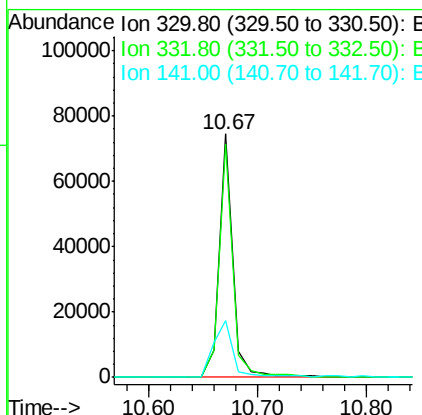
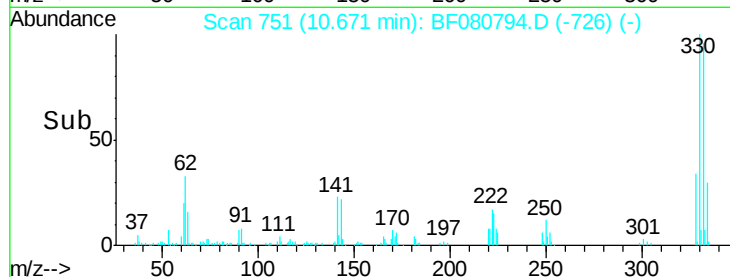
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-1(0-19FTBGS)



Tgt Ion:	330	Resp:	65712
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	114.8
141	33.5	26.0	39.0

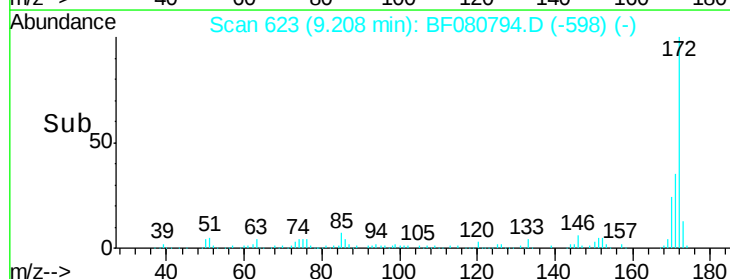
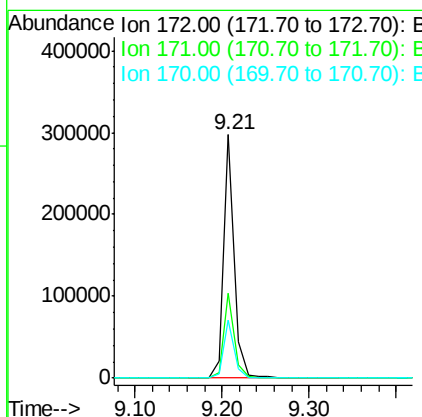
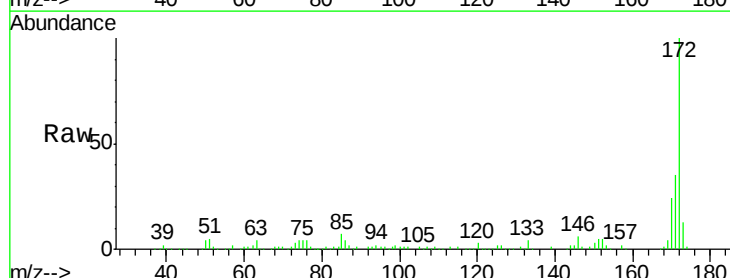
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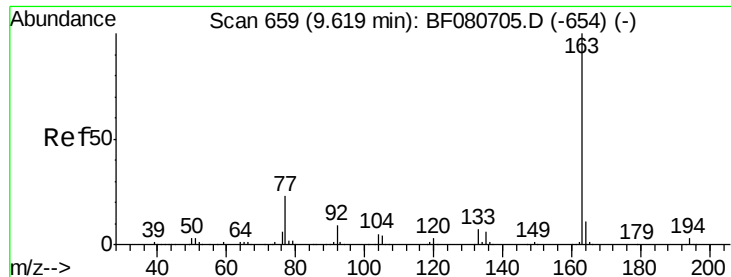
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#44
 2-Fluorobiphenyl
 Concen: 16.12 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080794.D
 Acq: 1 Aug 2015 22:07

Tgt Ion:	172	Resp:	257509
Ion Ratio	Lower	Upper	
172	100		
171	34.9	30.2	45.4
170	23.7	20.2	30.2





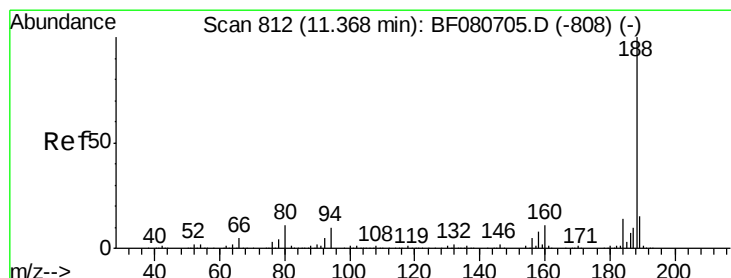
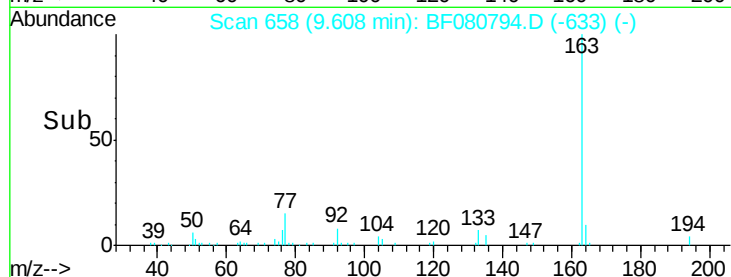
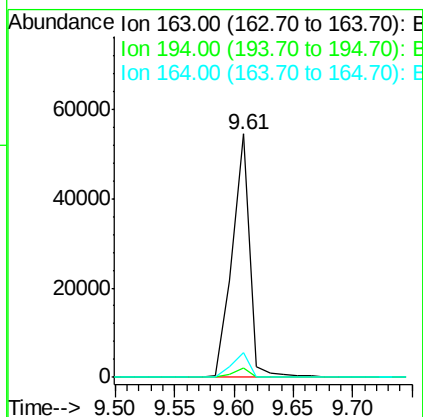
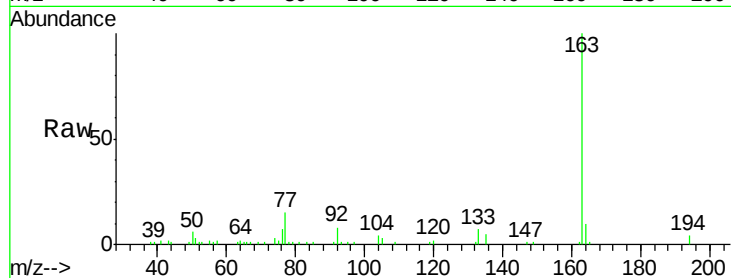
#49
Dimethylphthalate
Concen: 3.32 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	55754		
194	4.0		2.7	4.1
164	10.4		8.7	13.1

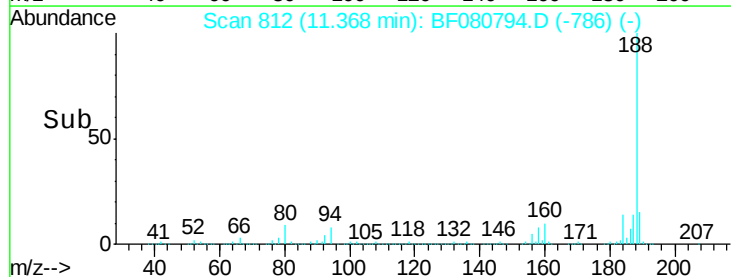
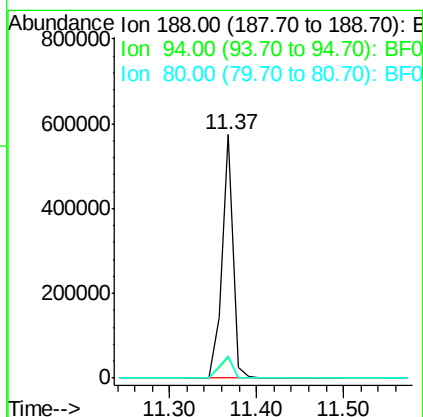
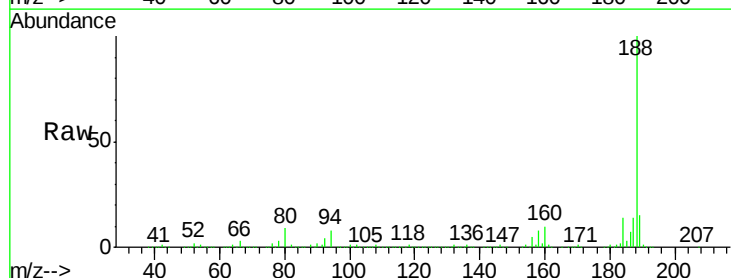
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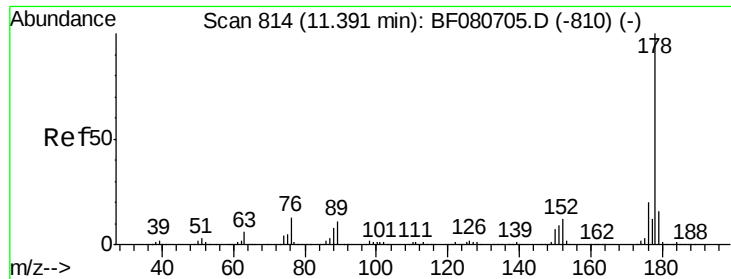
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	513895		
94	8.4		8.1	12.1
80	9.0		9.1	13.7#





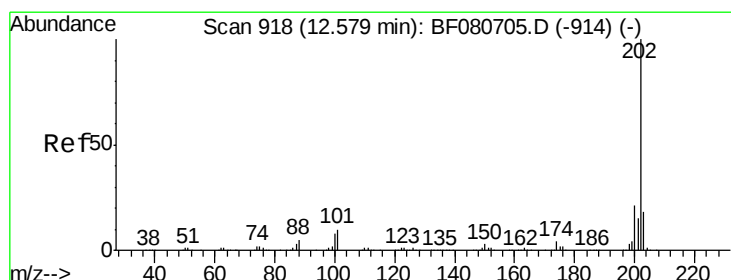
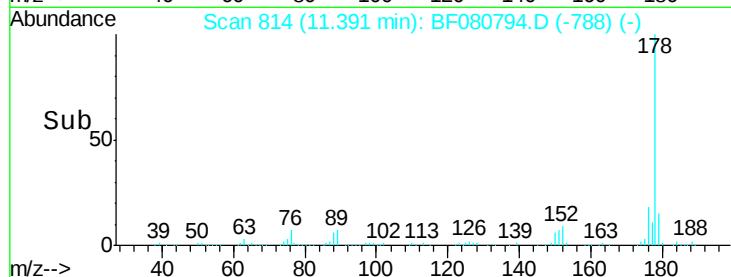
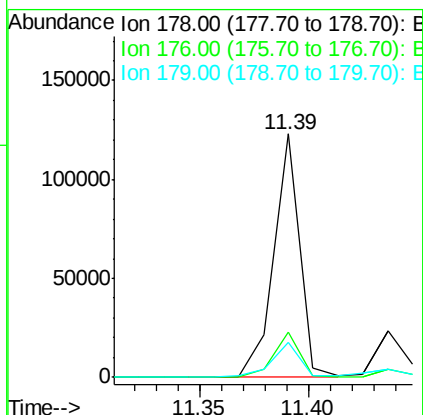
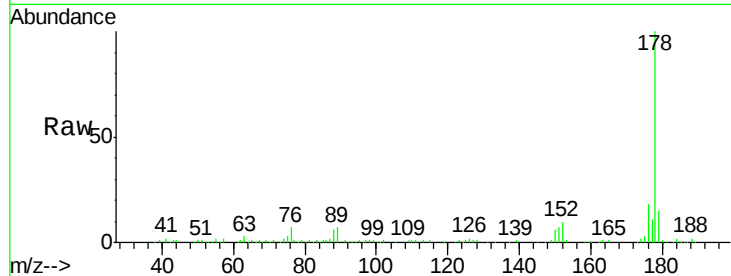
#70
Phenanthrene
Concen: 4.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	103533		
176	18.3	16.2	24.4	
179	14.6	13.0	19.4	

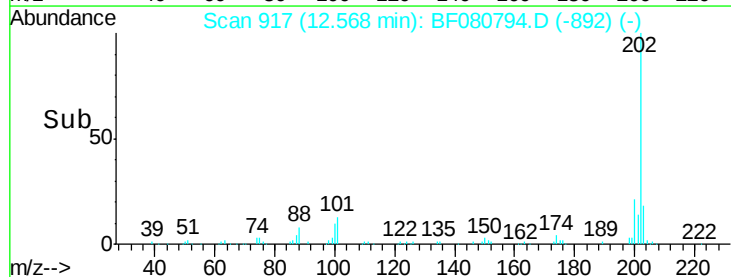
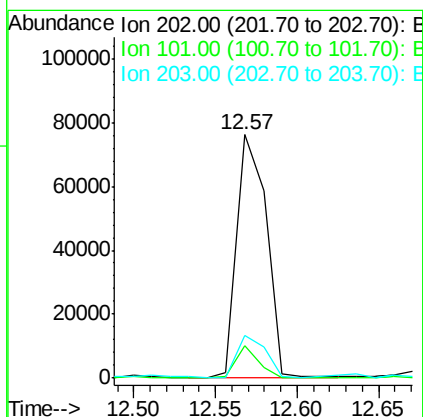
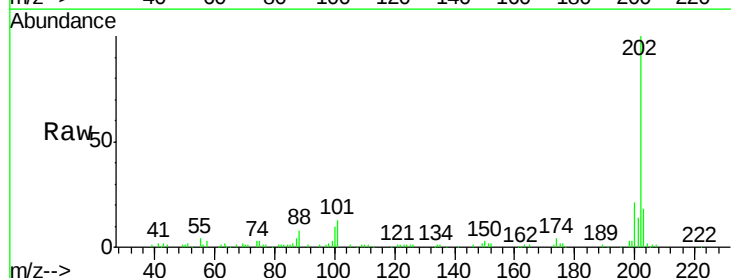
Manual Integrations
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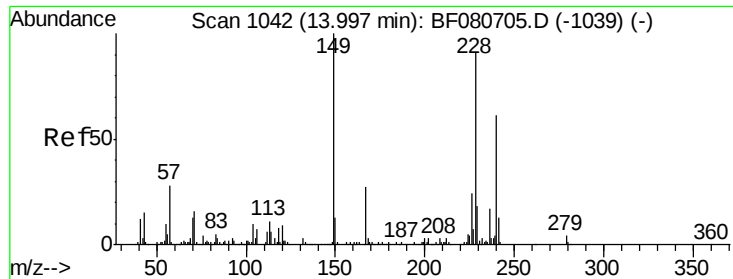
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#74
Fluoranthene
Concen: 3.81 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

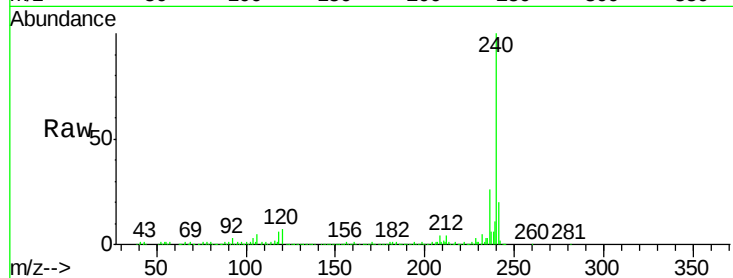
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	95433		
101	13.2	0.0	29.6	
203	17.6	0.0	37.8	





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

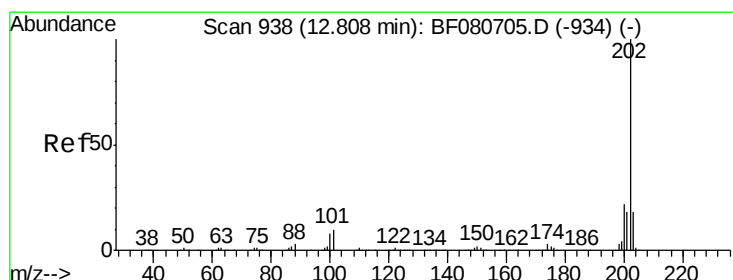
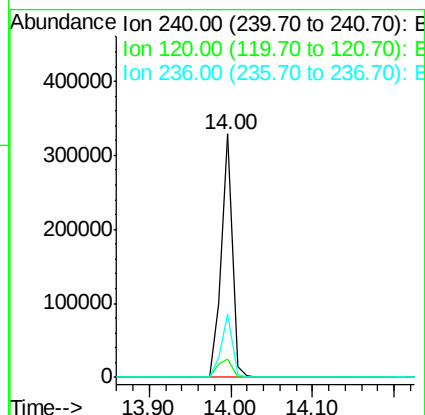
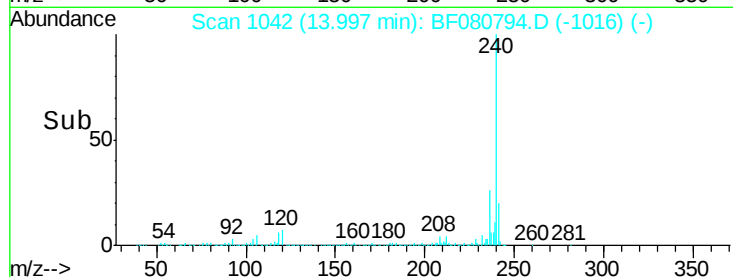
Instrument :
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NCQ-077CS-1(0-19FTBGS)



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309363		
120	7.4	11.8	17.8#	
236	26.1	21.8	32.8	

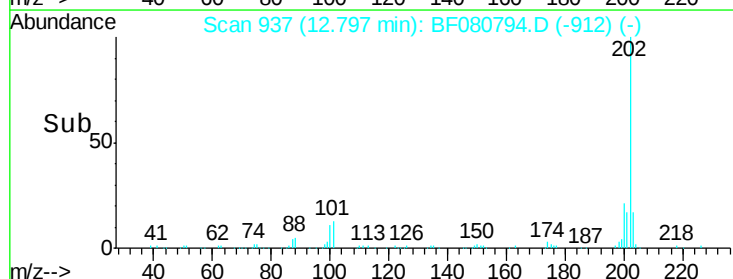
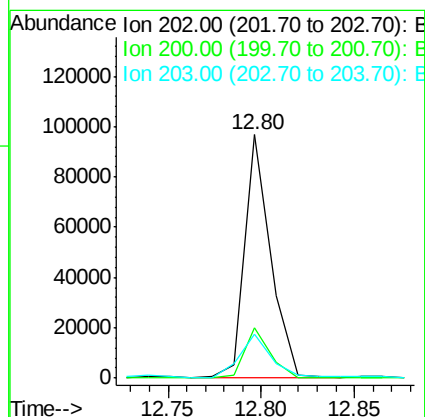
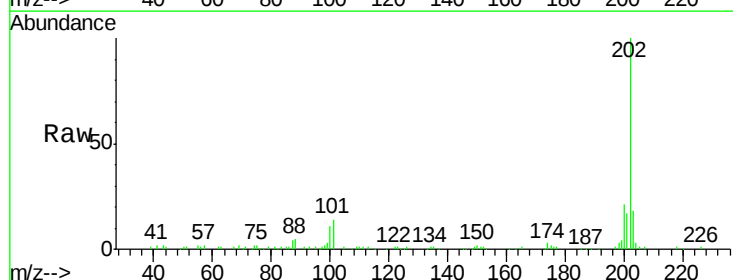
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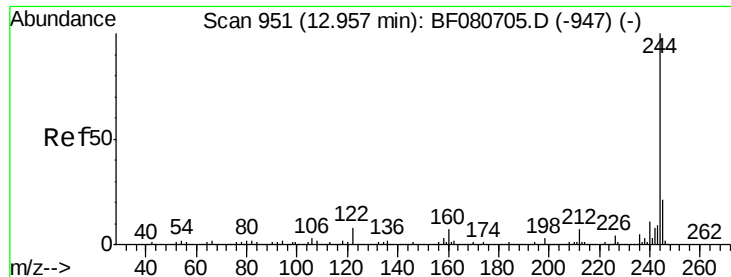
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#77
Pyrene
Concen: 3.94 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	94441		
200	20.7	17.4	26.2	
203	18.2	14.2	21.2	





#78

Terphenyl-d14

Concen: 9.33 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080794.D

Acq: 1 Aug 2015 22:07

Instrument :

BNA_F

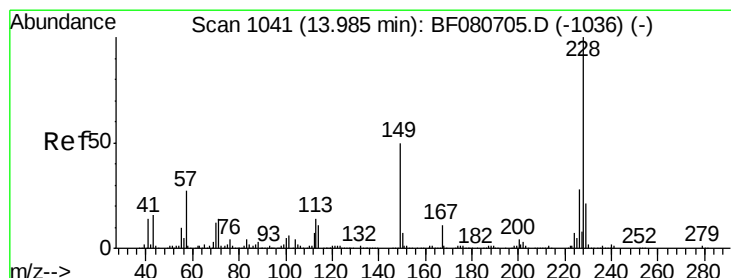
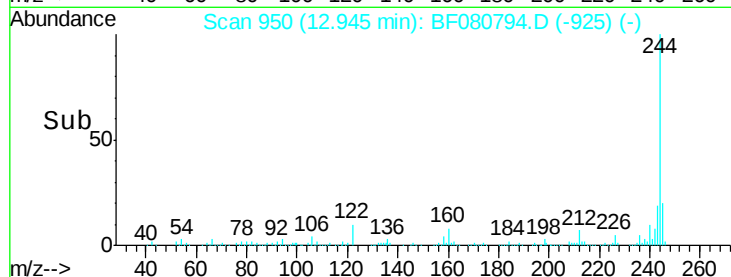
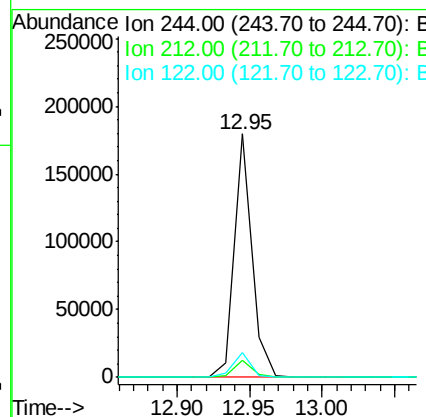
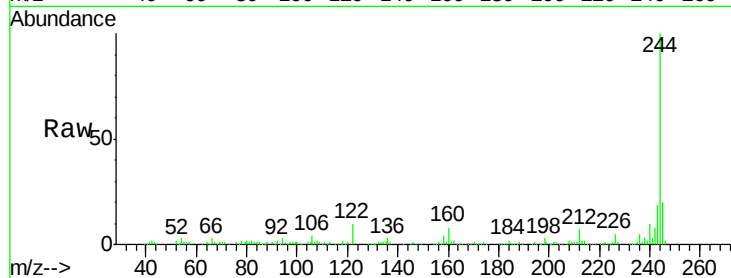
ClientSampleId :

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Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.1	6.6	9.8#



#80

Benzo(a)anthracene

Concen: 2.51 ng m

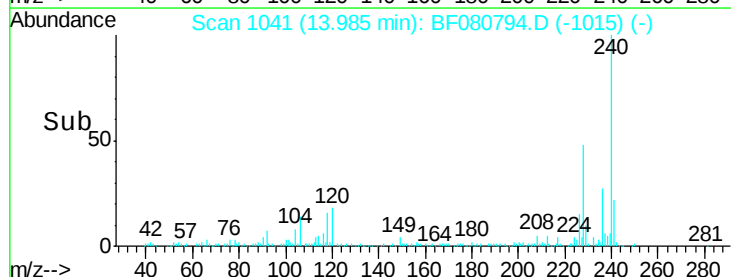
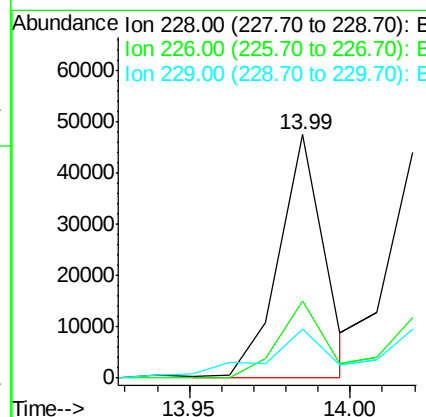
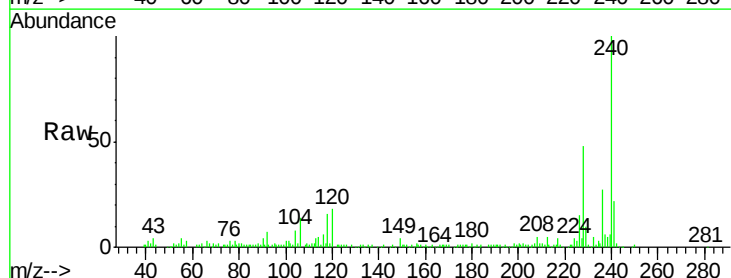
RT: 13.99 min Scan# 1041

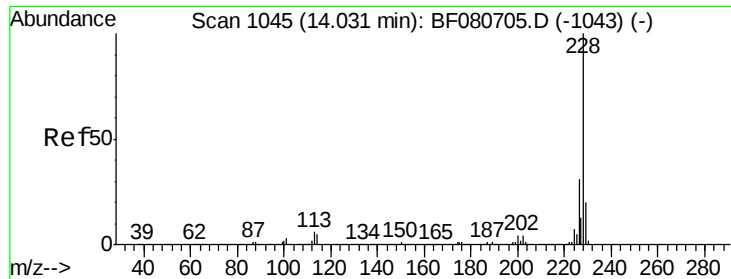
Delta R.T. -0.00 min

Lab File: BF080794.D

Acq: 1 Aug 2015 22:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	22.6	33.8
229	19.9	16.6	25.0





#82

Chrysene

Concen: 2.41 ng m

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF080794.D

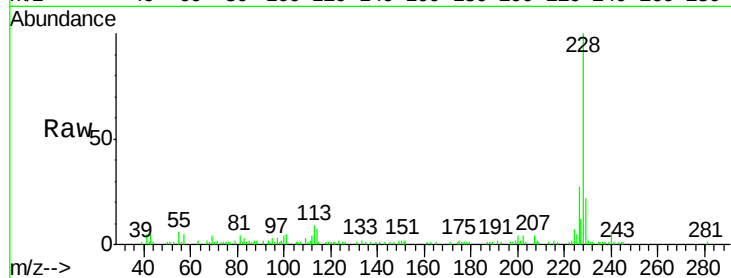
Acq: 1 Aug 2015 22:07

Instrument :

BNA_F

ClientSampleId :

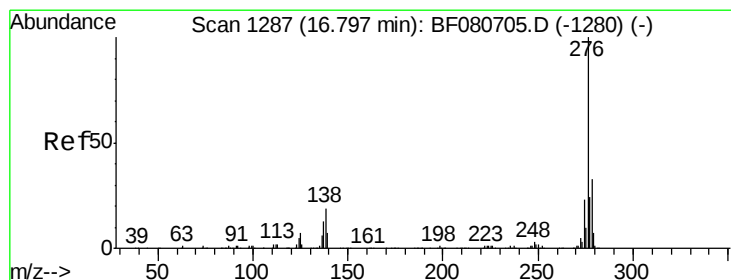
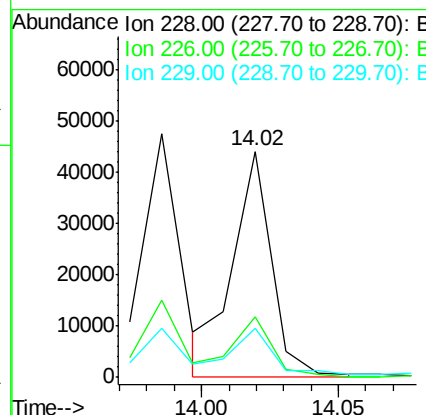
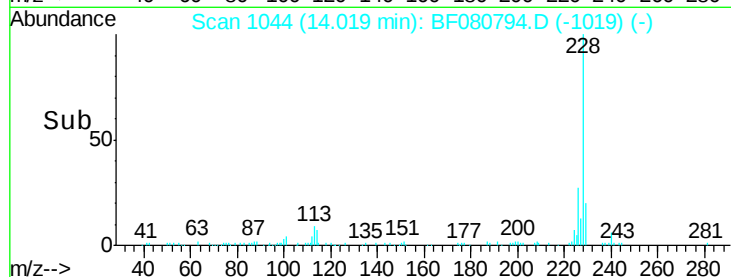
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Tgt Ion:	228	Resp:	43560
Ion Ratio	Lower	Upper	
228	100		
226	27.1	25.1	37.7
229	21.6	15.8	23.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.49 ng

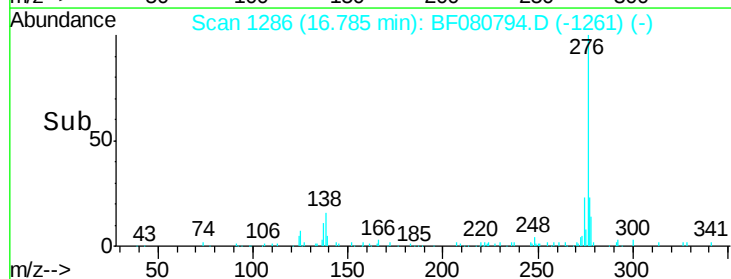
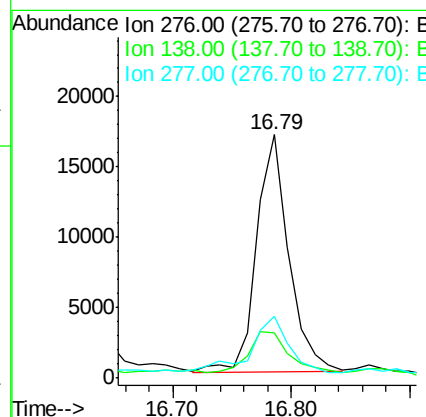
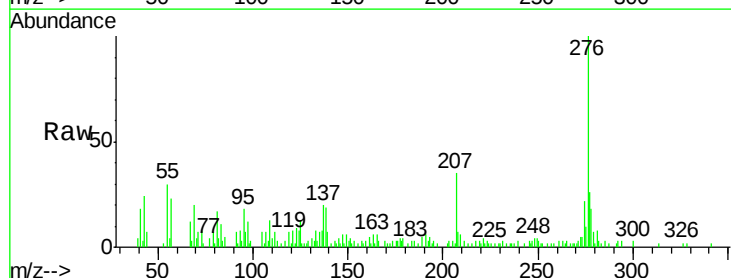
RT: 16.79 min Scan# 1286

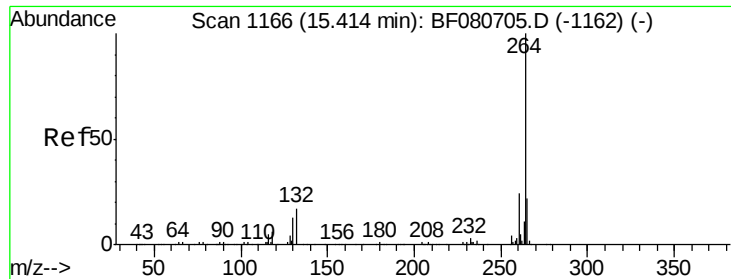
Delta R.T. -0.01 min

Lab File: BF080794.D

Acq: 1 Aug 2015 22:07

Tgt Ion:	276	Resp:	32284
Ion Ratio	Lower	Upper	
276	100		
138	21.5	13.2	19.8#
277	33.2	15.4	23.2#





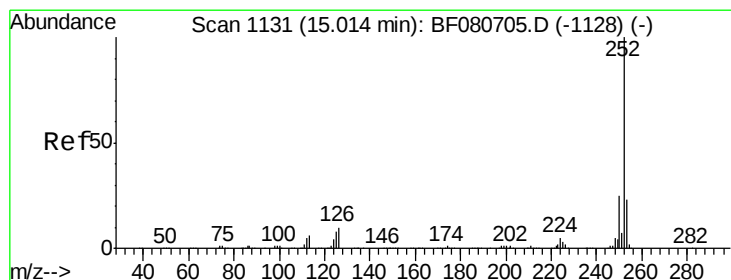
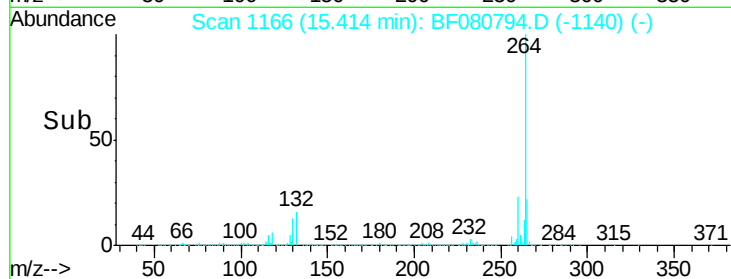
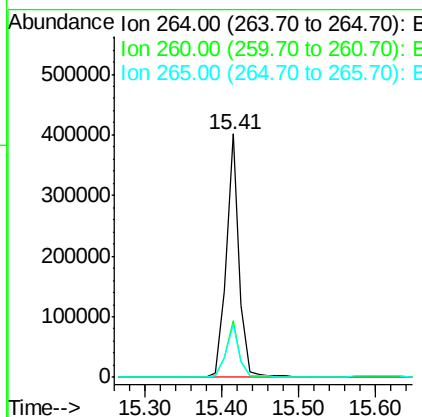
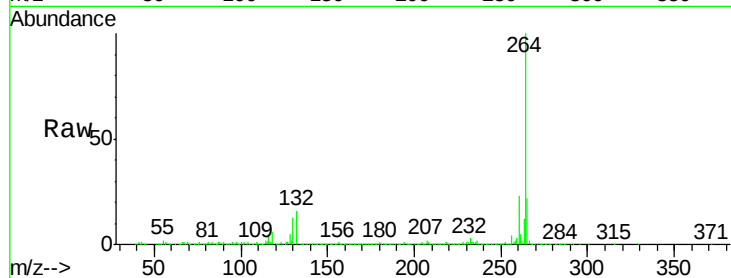
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-1(0-19FTBGS)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.9	17.3	25.9

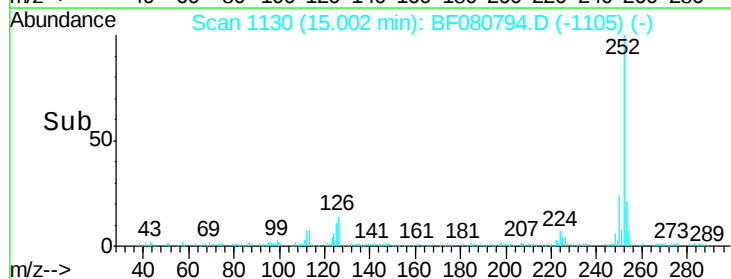
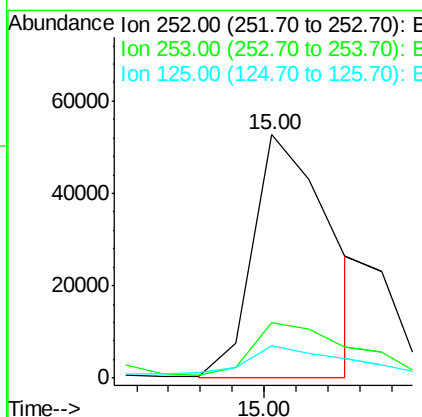
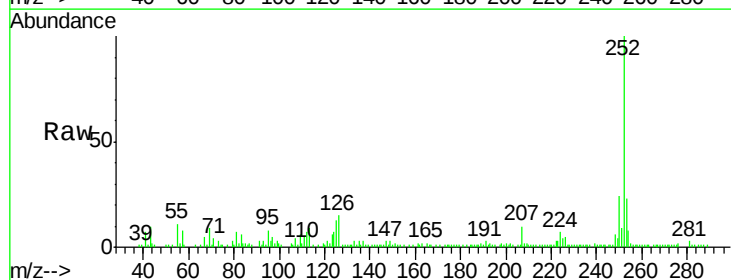
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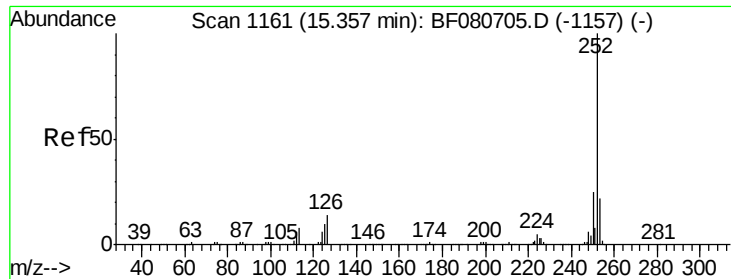
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#87
Benzo(b)fluoranthene
Concen: 3.12 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080794.D
Acq: 1 Aug 2015 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.1	6.2	9.2#





#89

Benzo(a)pyrene

Concen: 2.62 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF080794.D

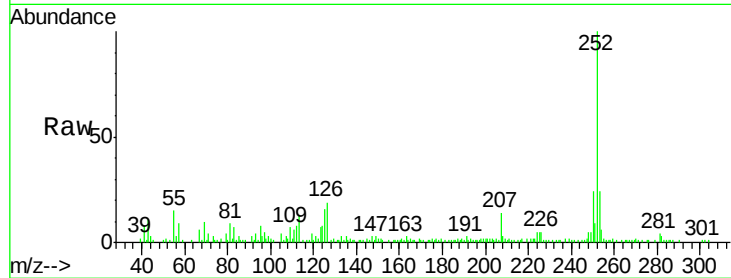
Acq: 1 Aug 2015 22:07

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-1(0-19FTBGS)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	15.7	8.2	12.4

Manual Integrations
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