

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079595.D
 Acq On : 30 May 2015 9:56
 Operator : TP/IZ
 Sample : G2416-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.2(3)

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Quant Time: May 31 06:24:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70241	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	279333	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	127516	20.00	ng	-0.01
63) Phenanthrene-d10	12.53	188	235487	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	249759	20.00	ng	-0.03
86) Perylene-d12	17.58	264	259934	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	511850	126.39	ng	0.00
7) Phenol-d6	6.55	99	655325	126.96	ng	-0.01
23) Nitrobenzene-d5	7.66	82	368697	76.30	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	174545	124.62	ng	-0.01
44) 2-Fluorobiphenyl	9.87	172	595609	66.64	ng	-0.01
78) Terphenyl-d14	14.51	244	629820	59.18	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.39	163	115927	12.34	ng	99
70) Phenanthrene	12.56	178	50175	3.88	ng	98
74) Fluoranthene	14.02	202	85380	6.16	ng	95
77) Pyrene	14.30	202	73903	4.78	ng	97
80) Benzo(a)anthracene	15.79	228	46363	3.23	ng	95
82) Chrysene	15.84	228	36948	2.71	ng	97
83) Bis(2-ethylhexyl)phthalate	15.87	149	68937	6.92	ng	# 98
87) Benzo(b)fluoranthene	17.12	252	54570m	3.68	ng	

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

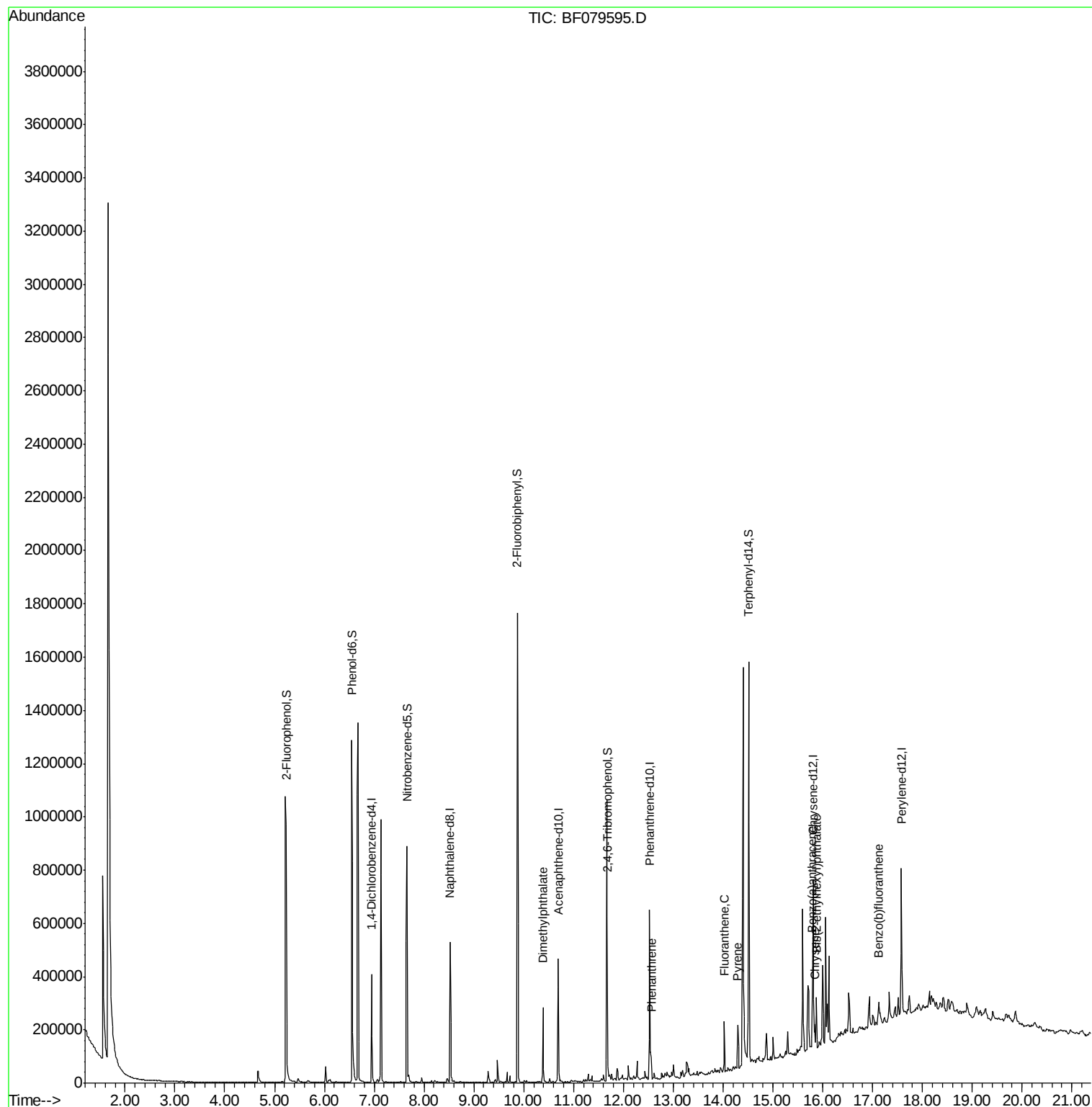
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079595.D
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Operator : TP/IZ
Sample : G2416-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

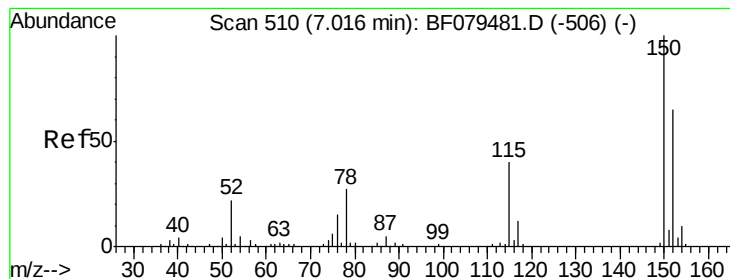
Instrument :
BNA_F
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RAMP440NB-TP5.2(3)

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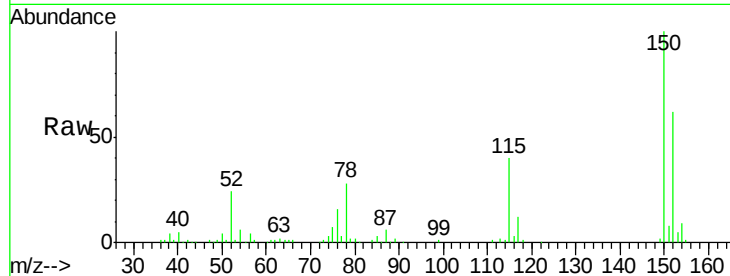
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.2(3)

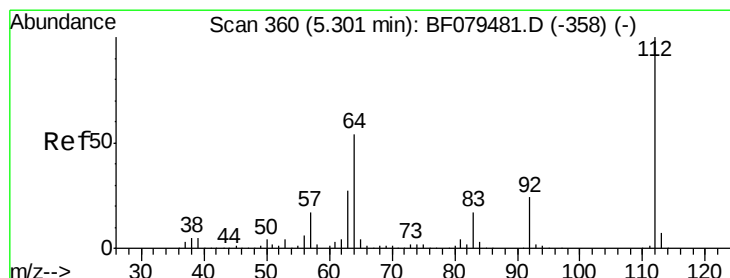
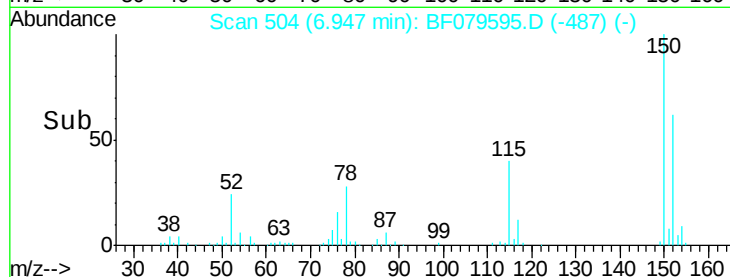
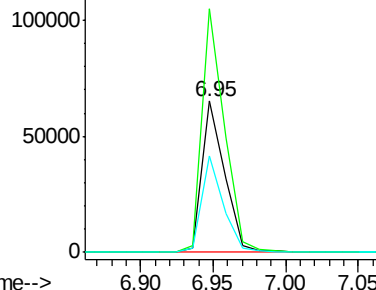
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.0	186.0
115	64.1	49.6	74.4

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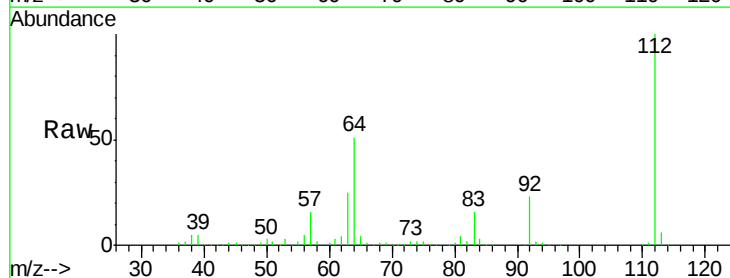


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

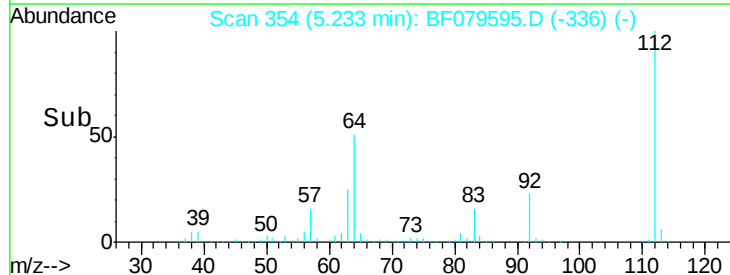
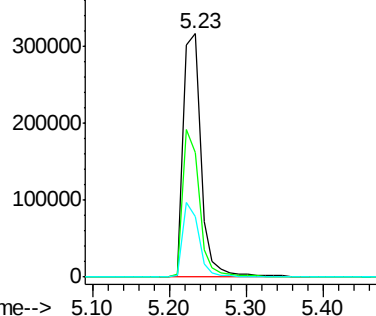


#5
 2-Fluorophenol
 Concen: 126.39 ng
 RT: 5.23 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	43.5	65.3
63	25.0	21.8	32.8



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: 126.96 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Instrument :

BNA_F

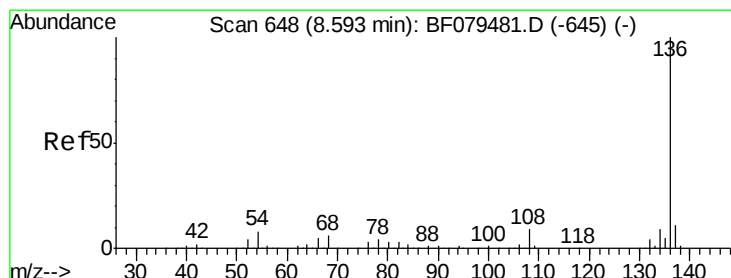
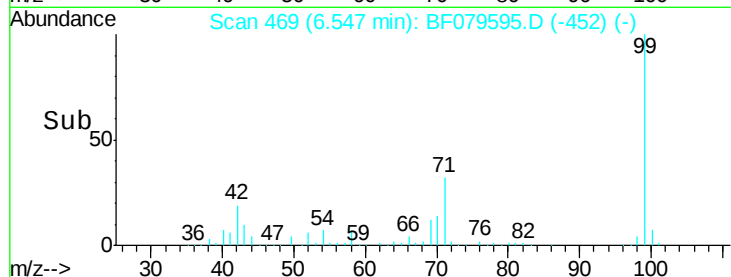
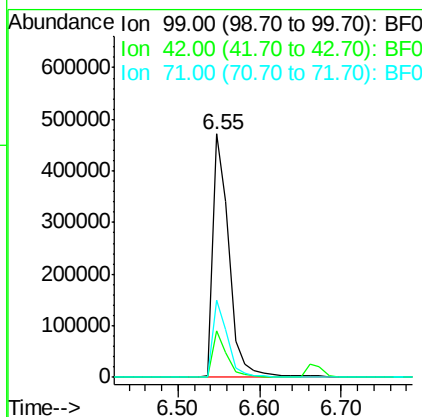
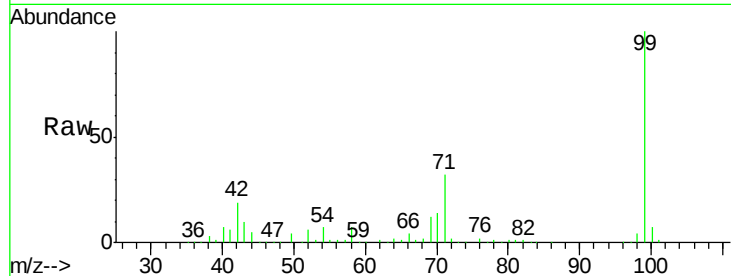
ClientSampleId :

RAMP440NB-TP5.2(3)

Tot Ion:	99	Resp:	655325
Ion Ratio	Lower	Upper	
99	100		
42	19.2	11.9	17.9#
71	31.8	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

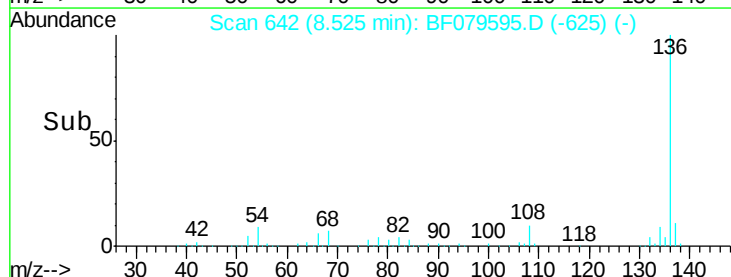
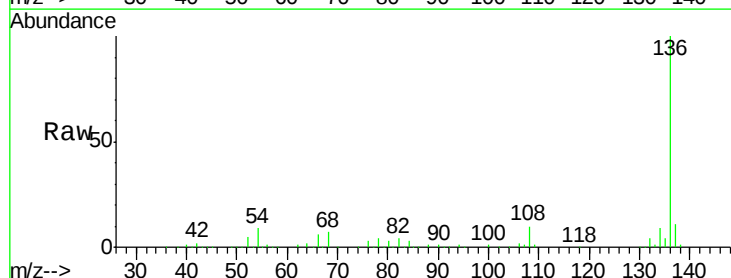
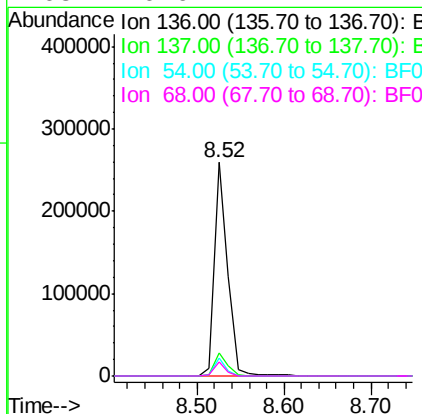
RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Tgt Ion:	136	Resp:	279333
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	8.6	6.6	9.8
68	6.6	4.7	7.1





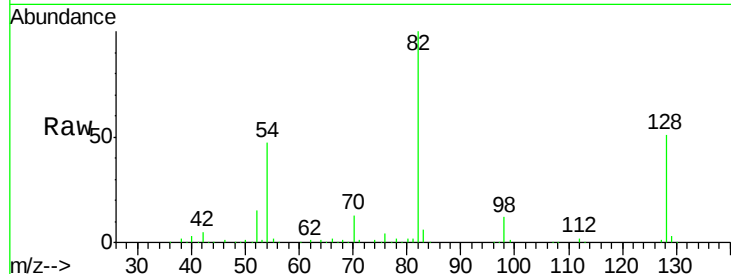
#23
 Nitrobenzene-d5
 Concen: 76.30 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.2(3)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	368697		
128	51.3	30.8	46.2#	
54	46.9	42.8	64.2	

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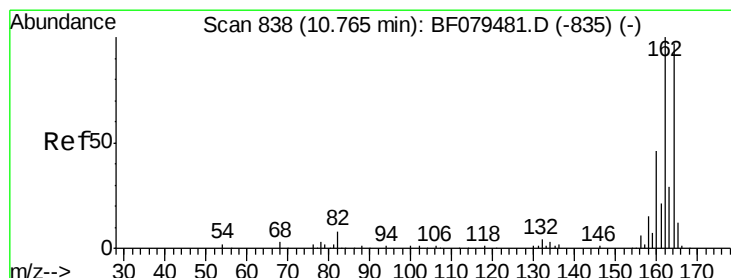
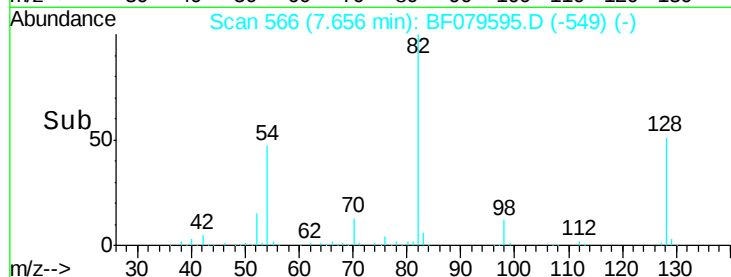
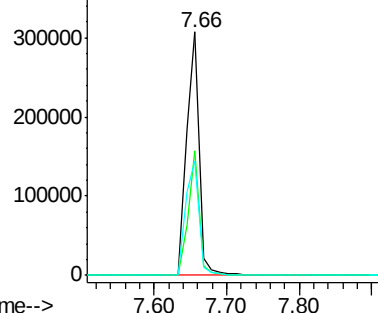


Abundance

Ion 82.00 (81.70 to 82.70): BF0

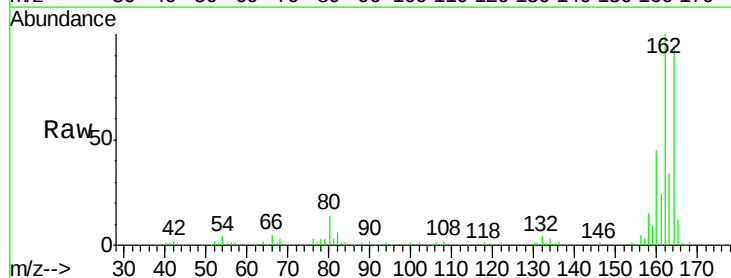
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	127516		
162	106.5	82.6	124.0	
160	47.6	37.7	56.5	

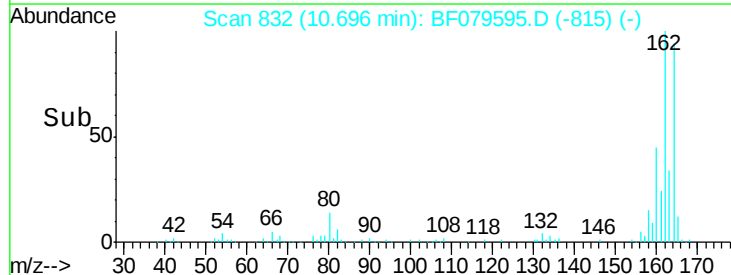
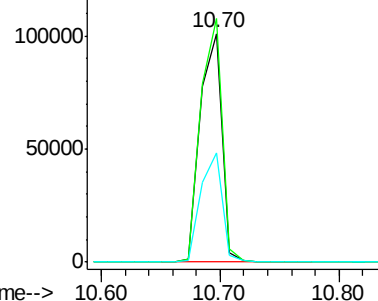


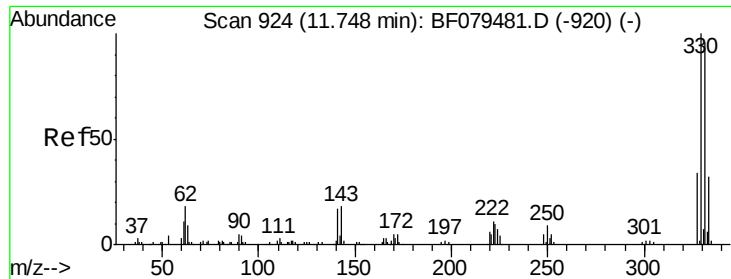
Abundance

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





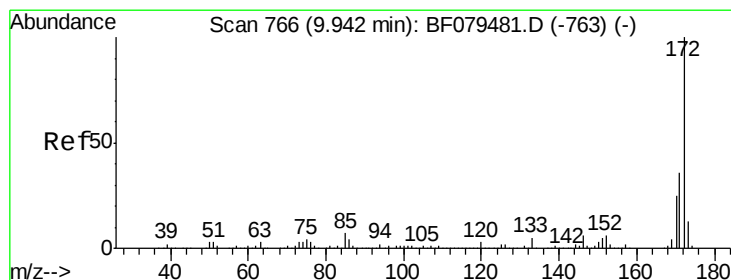
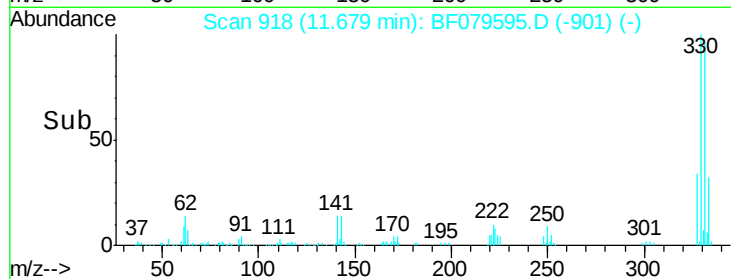
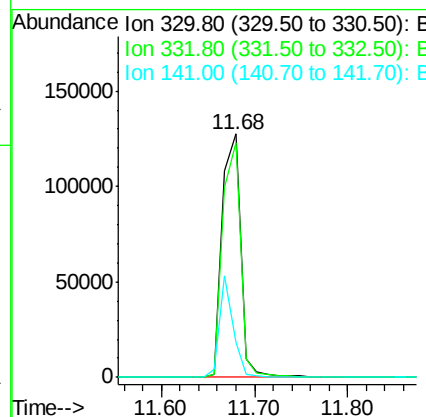
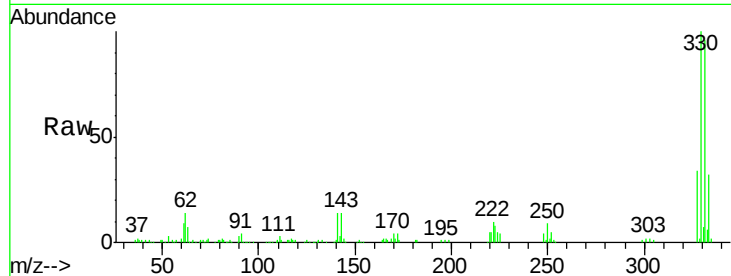
#41
 2,4,6-Tribromophenol
 Concen: 124.62 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	31.0	0.0	0.0#

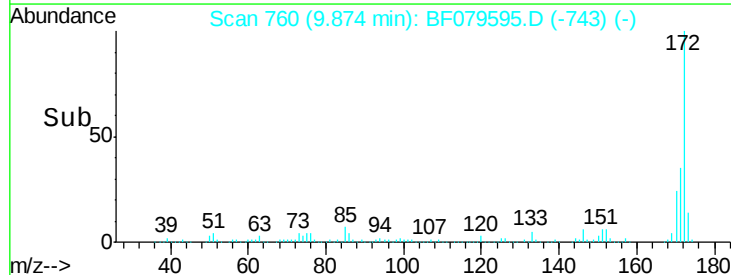
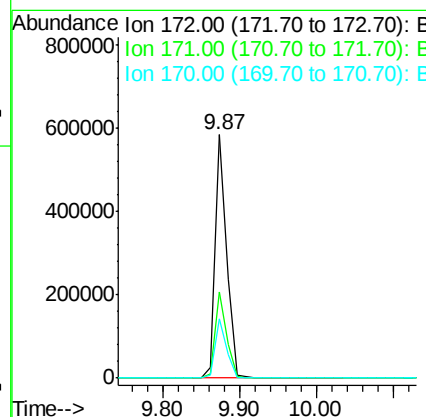
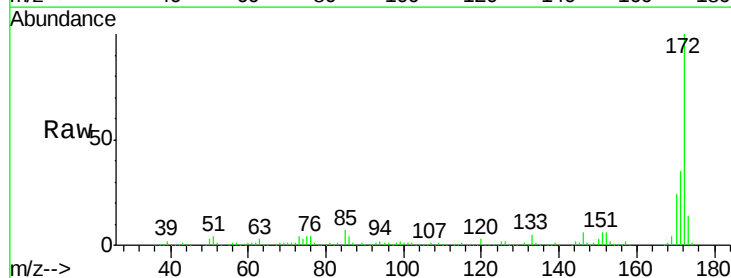
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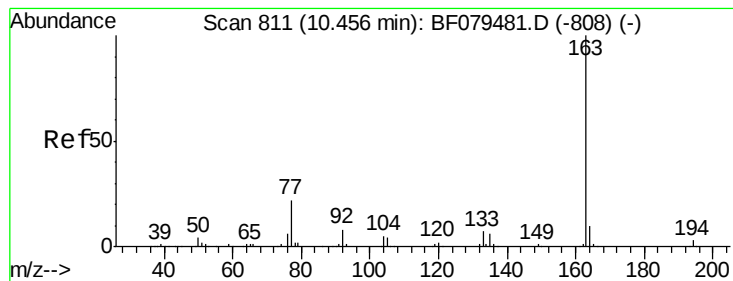
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#44
 2-Fluorobiphenyl
 Concen: 66.64 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.4	19.7	29.5





#49

Dimethylphthalate

Concen: 12.34 ng

RT: 10.39 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Instrument :

BNA_F

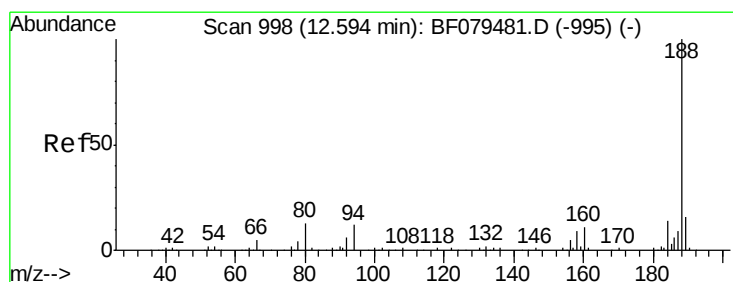
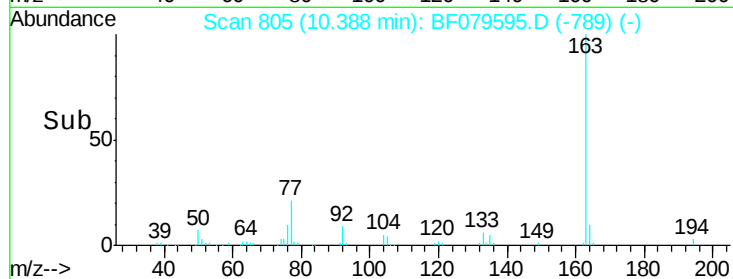
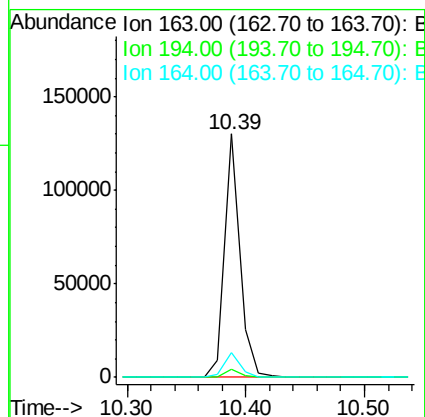
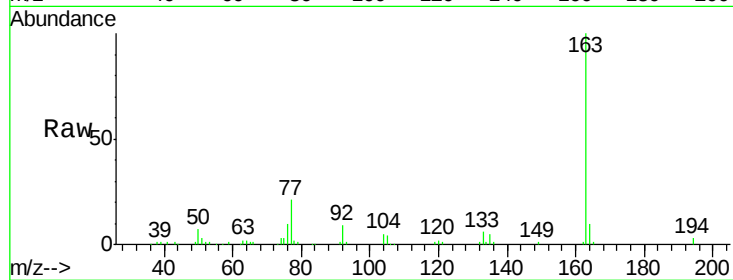
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Tot Ion:	163	Resp:	115927
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.4	3.6
164	10.0	8.2	12.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

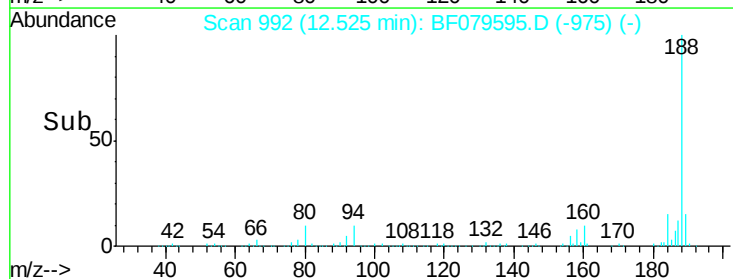
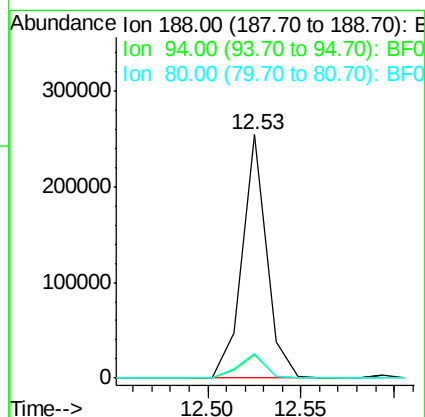
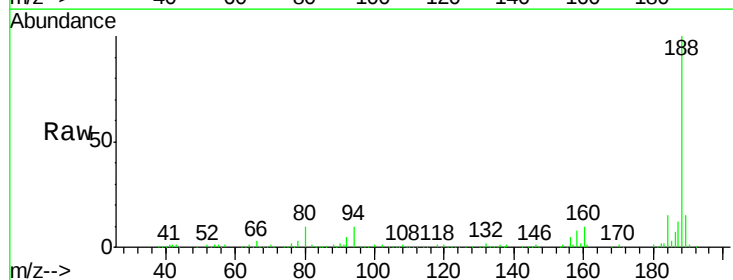
RT: 12.53 min Scan# 992

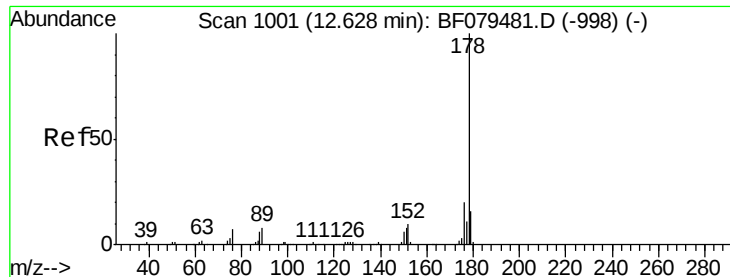
Delta R.T. -0.01 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Tgt Ion:	188	Resp:	235487
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.8	14.6
80	10.2	10.5	15.7#





#70

Phenanthrene

Concen: 3.88 ng

RT: 12.56 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Instrument :

BNA_F

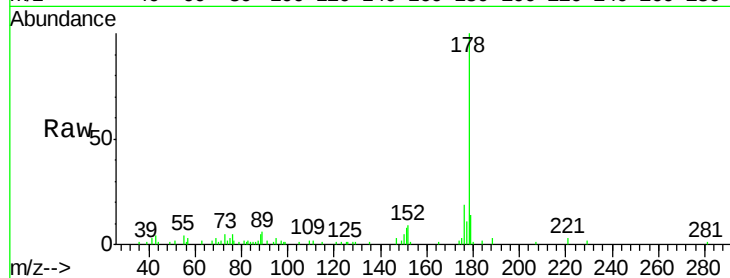
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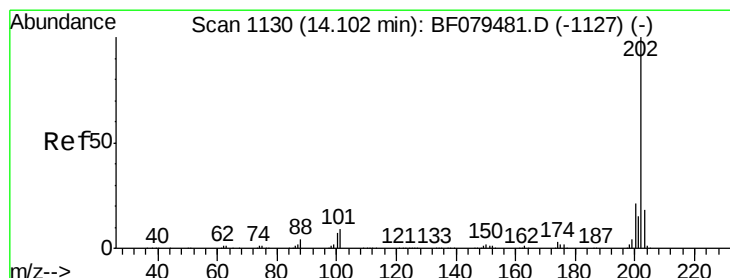
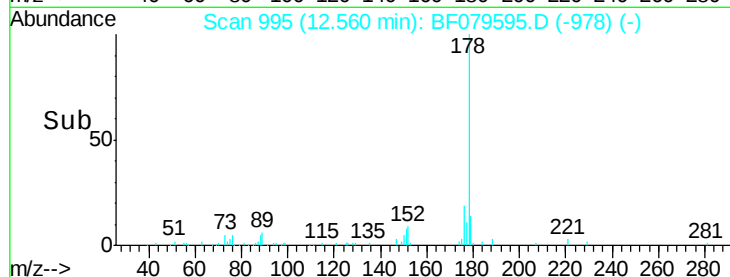
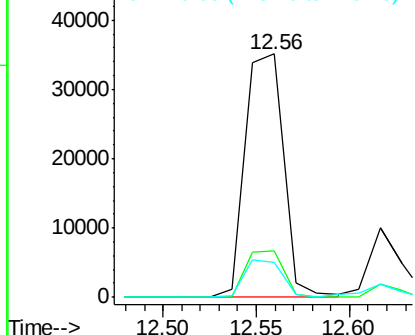
Tot Ion:178	Resp:	50175
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.7 23.5
179	14.1	12.4 18.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 6.16 ng

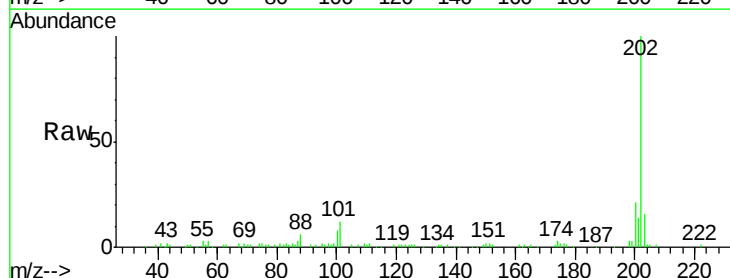
RT: 14.02 min Scan# 1123

Delta R.T. -0.01 min

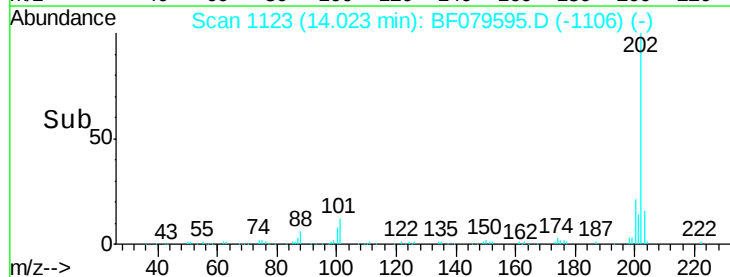
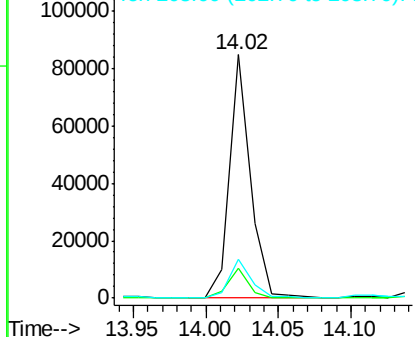
Lab File: BF079595.D

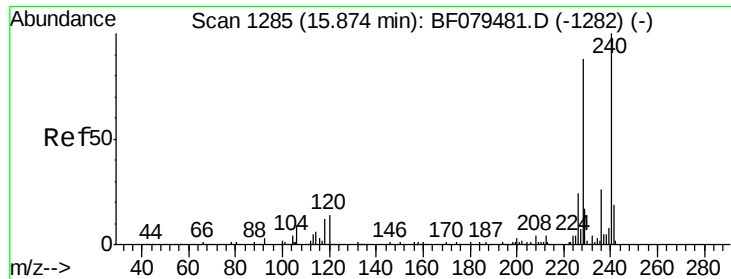
Acq: 30 May 2015 9:56

Tgt Ion:202	Resp:	85380
Ion Ratio	Lower	Upper
202	100	
101	12.2	0.0 29.3
203	16.2	0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Instrument :

BNA_F

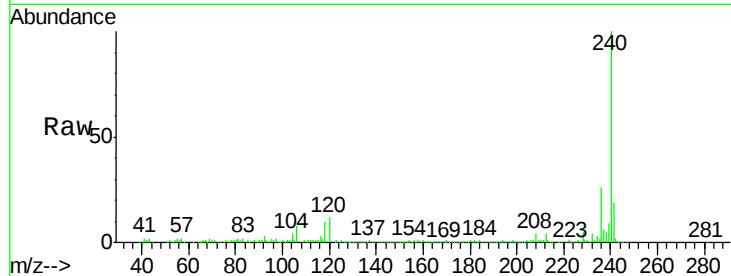
ClientSampleId :

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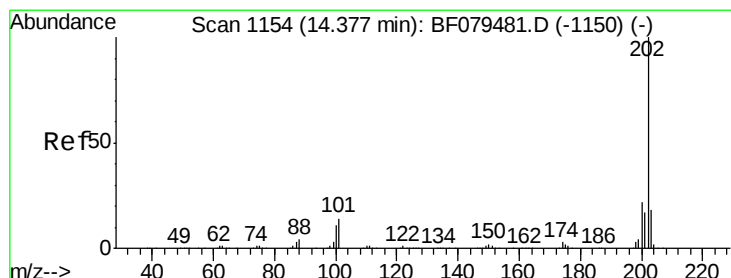
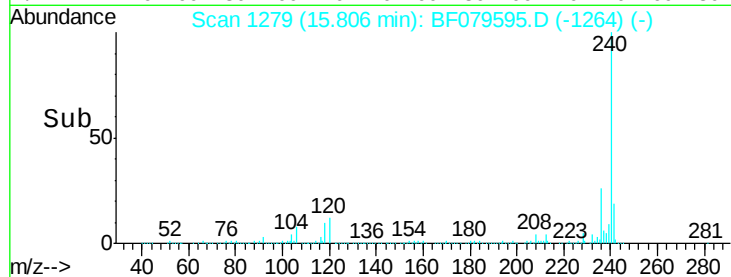
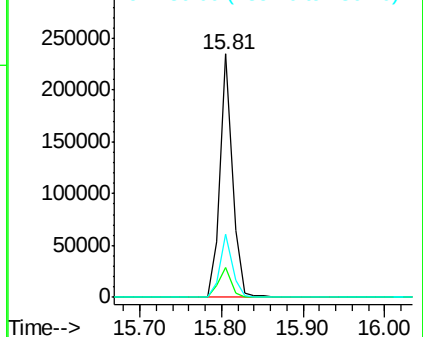
Tot Ion:	240	Resp:	249759
Ion Ratio		Lower	Upper
240	100		
120	12.2	10.8	16.2
236	26.0	21.0	31.6

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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



#77

Pyrene

Concen: 4.78 ng

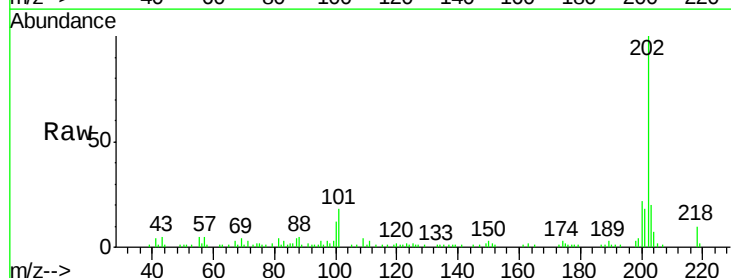
RT: 14.30 min Scan# 1147

Delta R.T. -0.02 min

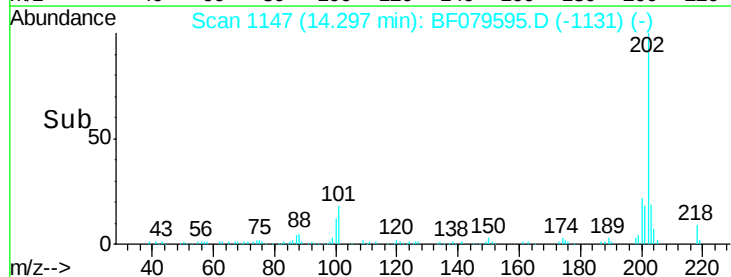
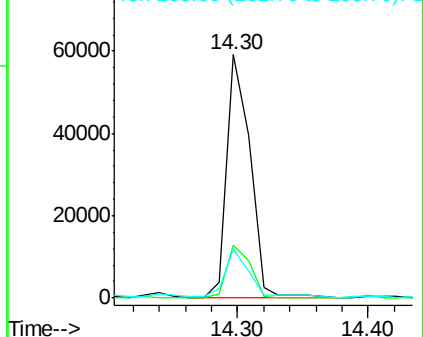
Lab File: BF079595.D

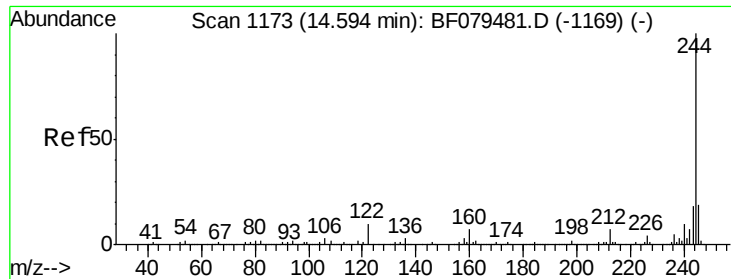
Acq: 30 May 2015 9:56

Tgt Ion:	202	Resp:	73903
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.5	26.3
203	20.4	14.4	21.6



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





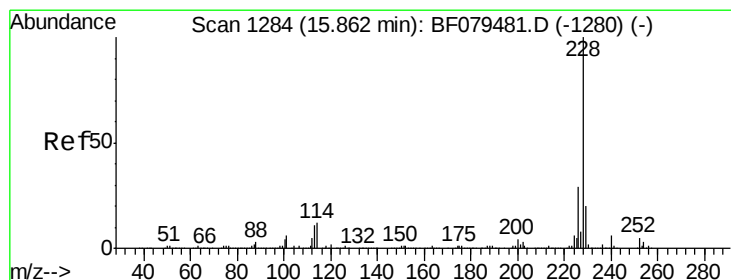
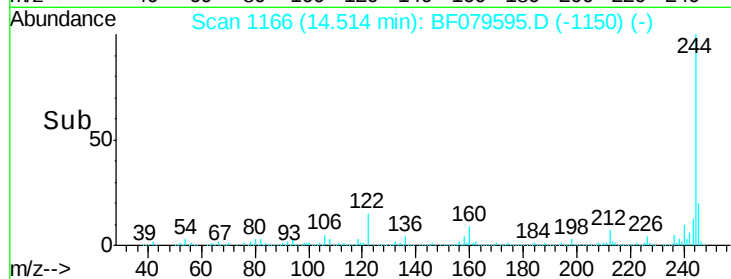
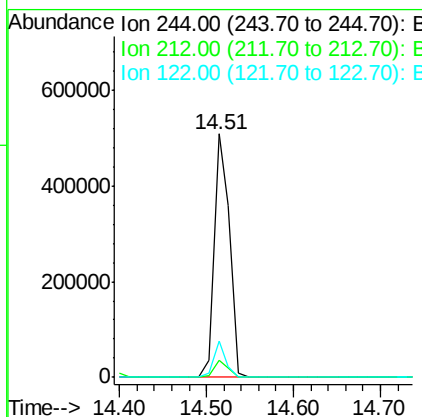
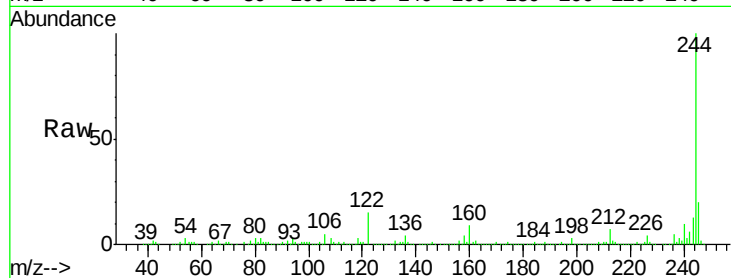
#78
 Terphenyl-d14
 Concen: 59.18 ng
 RT: 14.51 min Scan# 1166
 Delta R.T. -0.02 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.2(3)

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.2	7.8
122	15.0	8.0	12.0

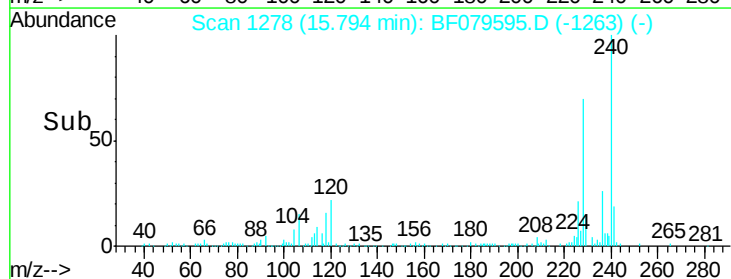
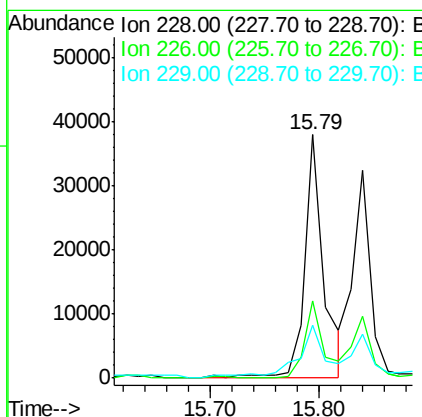
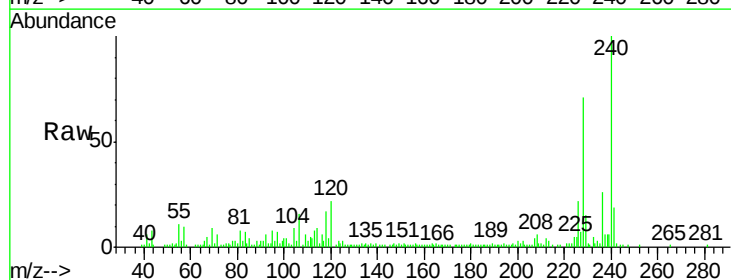
Manual Integrations
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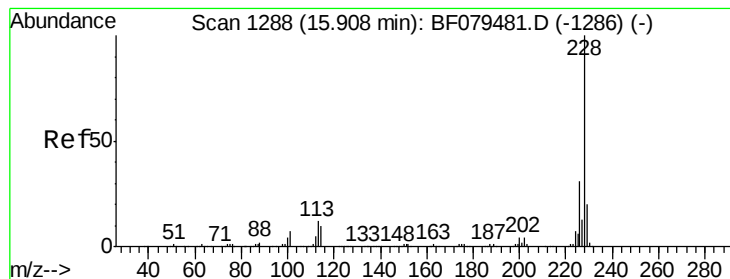
apatel
 6/1/2015 4:22:57 PM



#80
 Benzo(a)anthracene
 Concen: 3.23 ng
 RT: 15.79 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BF079595.D
 Acq: 30 May 2015 9:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	22.8	34.2
229	21.7	15.9	23.9





#82

Chrysene

Concen: 2.71 ng

RT: 15.84 min Scan# 1282

Delta R.T. -0.03 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Instrument :

BNA_F

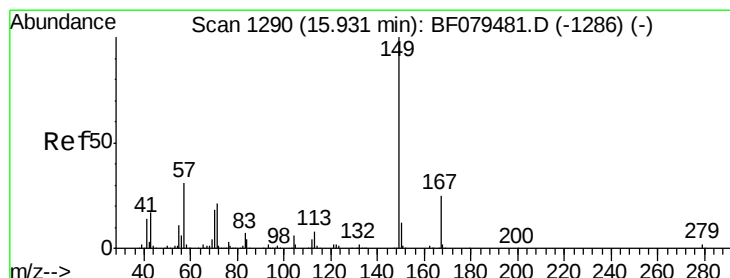
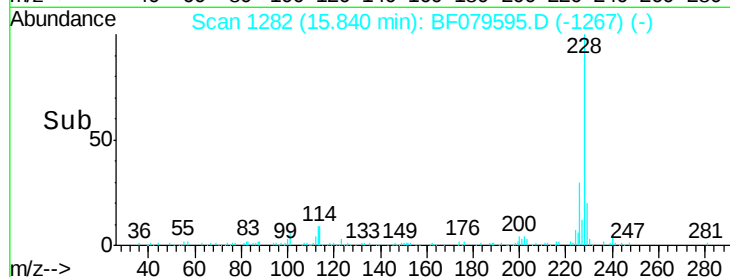
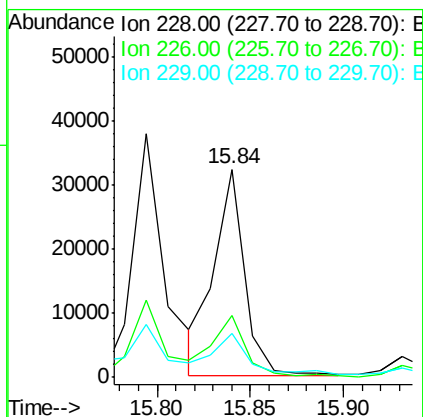
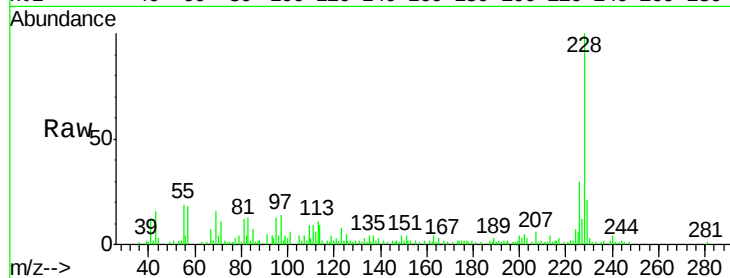
ClientSampleId :

RAMP440NB-TP5.2(3)

Tot Ion:	228	Resp:	36948
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.4
229	21.4	15.9	23.9

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#83

Bis(2-ethylhexyl)phthalate

Concen: 6.92 ng

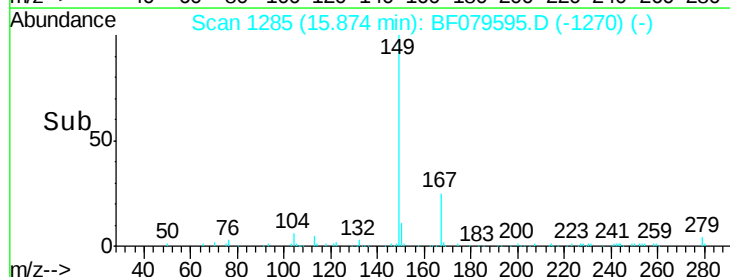
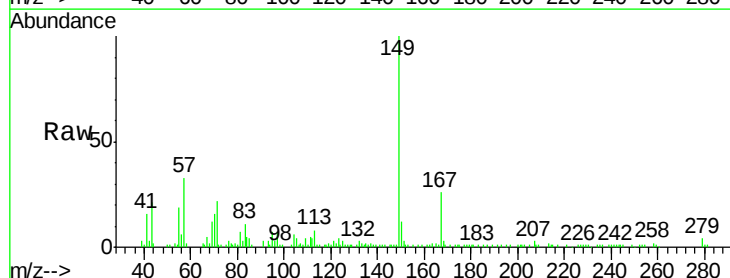
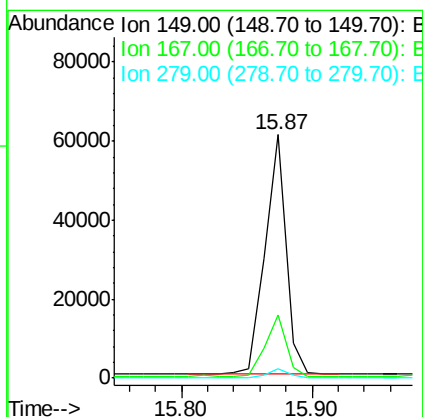
RT: 15.87 min Scan# 1285

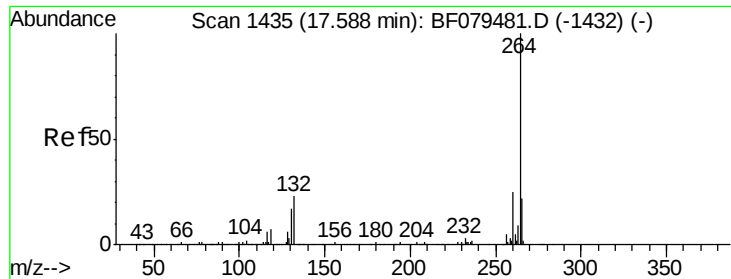
Delta R.T. -0.03 min

Lab File: BF079595.D

Acq: 30 May 2015 9:56

Tgt Ion:	149	Resp:	68937
Ion Ratio	Lower	Upper	
149	100		
167	26.1	20.2	30.4
279	3.6	2.0	3.0#





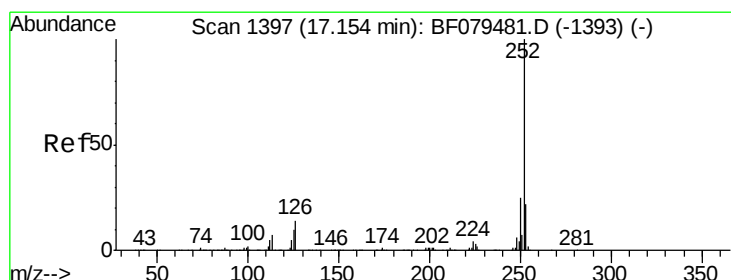
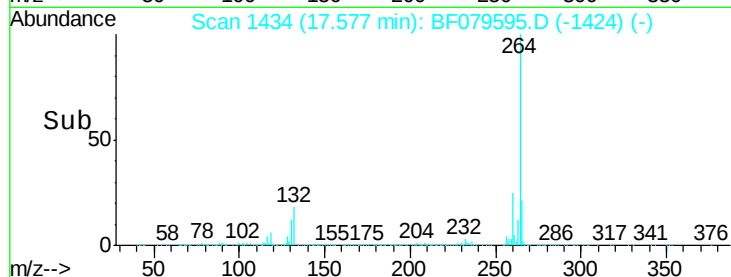
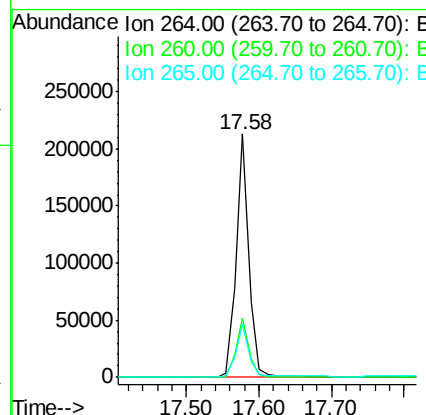
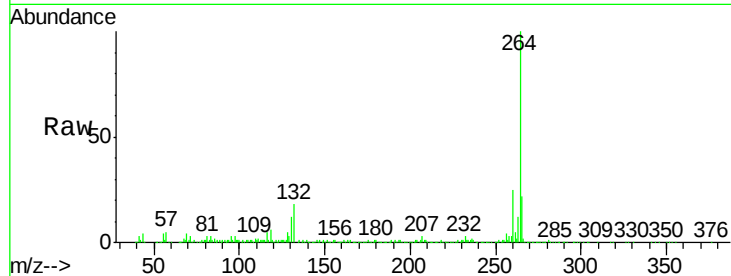
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.58 min Scan# 1434
Delta R.T. -0.09 min
Lab File: BF079595.D
Acq: 30 May 2015 9:56

Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.2(3)

Tot Ion	Ratio	Resp	Lower	Upper
264	100	259934		
260	24.5	19.8	29.8	
265	21.7	17.8	26.6	

Manual Integrations
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6/1/2015 4:22:57 PM



#87
Benzo(b)fluoranthene
Concen: 3.68 ng m
RT: 17.12 min Scan# 1394
Delta R.T. -0.08 min
Lab File: BF079595.D
Acq: 30 May 2015 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	54570		
253	22.9	17.6	26.4	
125	16.6	7.8	11.6#	

