

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079218.D
 Acq On : 14 May 2015 2:57
 Operator : TP/IZ
 Sample : G2201-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP1

Manual Integrations
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Quant Time: May 14 16:05:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 15:23:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	57072	20.00	ng	0.00
21) Naphthalene-d8	8.82	136	86723	20.00	ng	0.01
38) Acenaphthene-d10	10.91	164	73292m	20.00	ng	-0.07
63) Phenanthrene-d10	12.94	188	85580m	20.00	ng	0.10
75) Chrysene-d12	16.14	240	189960	20.00	ng	0.01
86) Perylene-d12	17.79	264	220463	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	190377	57.42	ng	0.00
7) Phenol-d6	6.80	99	166571	38.01	ng	0.00
23) Nitrobenzene-d5	7.93	82	364370	241.47	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	80172m	101.11	ng	0.11
44) 2-Fluorobiphenyl	10.23	172	257011m	48.86	ng	0.07
78) Terphenyl-d14	14.87	244	346278	43.64	ng	0.05
Target Compounds						
31) Naphthalene	8.86	128	589005	142.54	ng	Qvalue # 3
37) 2-Methylnaphthalene	9.78	142	2242653m	783.18	ng	
70) Phenanthrene	12.97	178	593626m	123.99	ng	
77) Pyrene	14.69	202	409461m	37.41	ng	
83) Bis(2-ethylhexyl)phthalate	16.17	149	288546	39.81	ng	# 97
84) Di-n-octyl phthalate	16.97	149	184197	14.43	ng	# 100

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

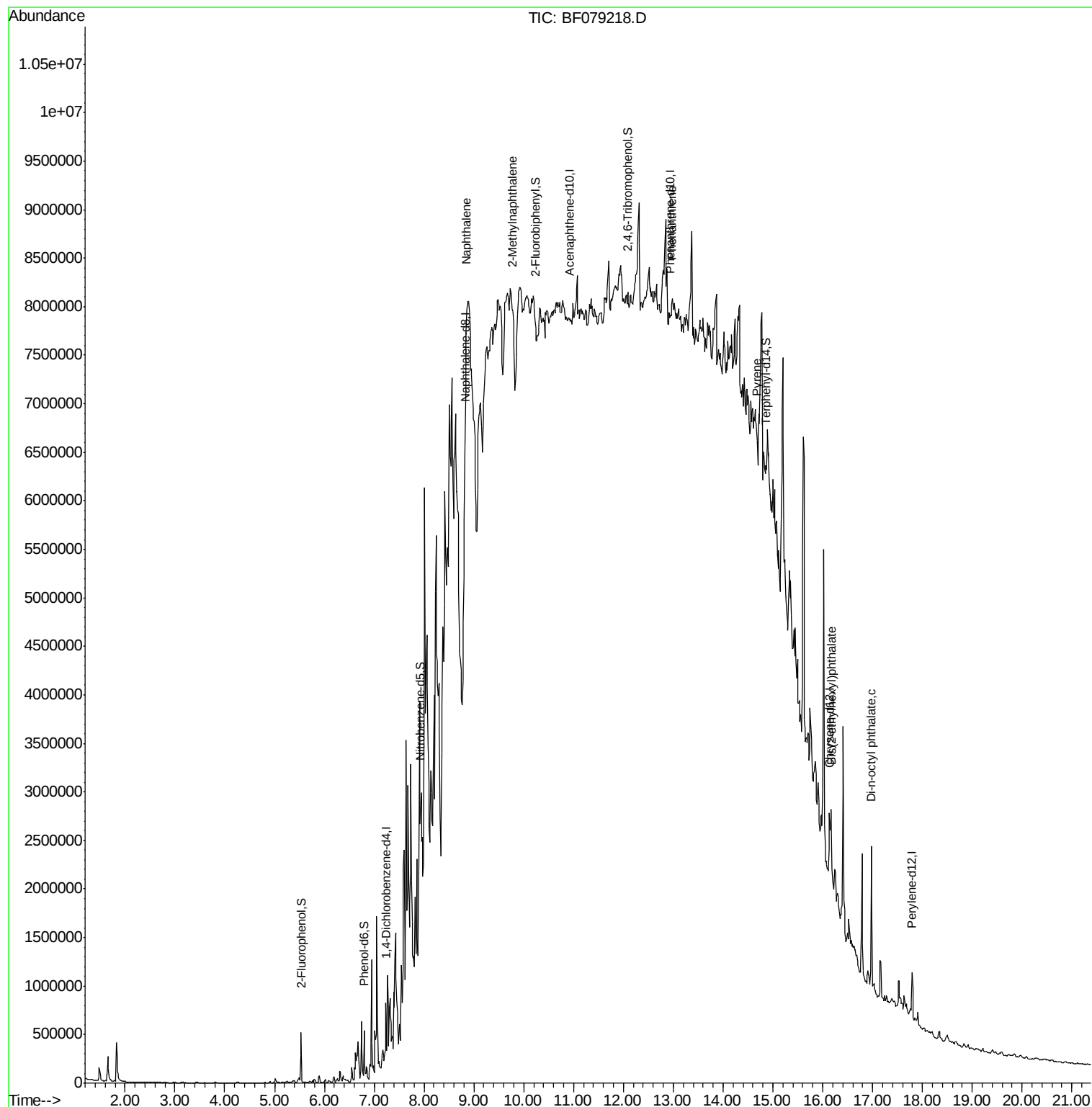
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079218.D
Acq On : 14 May 2015 2:57
Operator : TP/IZ
Sample : G2201-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

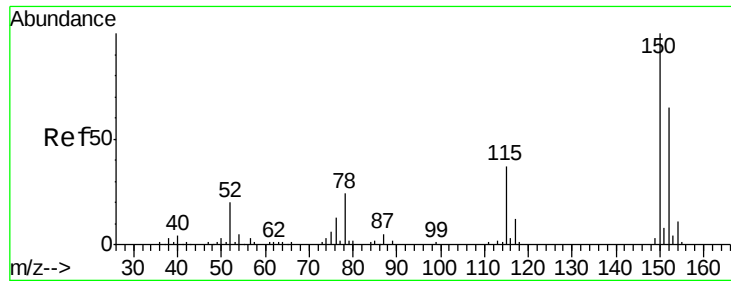
Instrument :
BNA_F
ClientSampleId :
SUMP1

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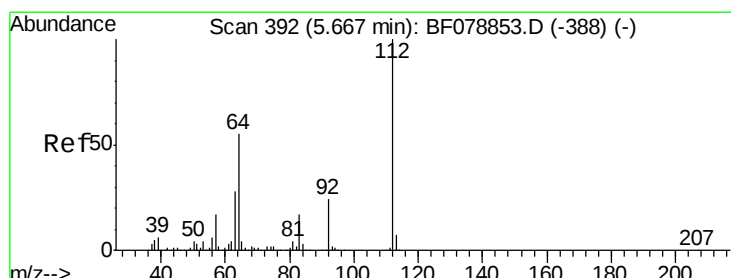
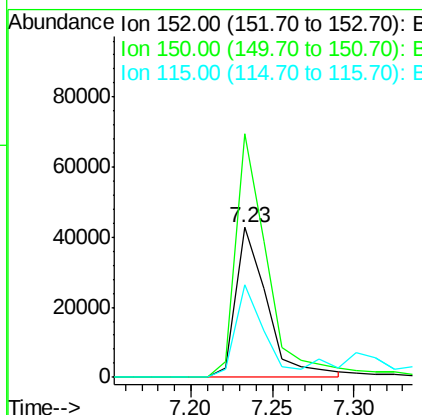
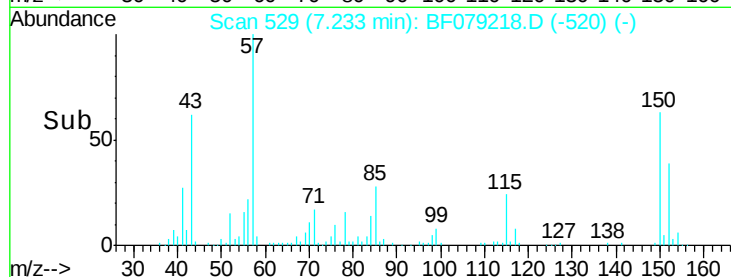
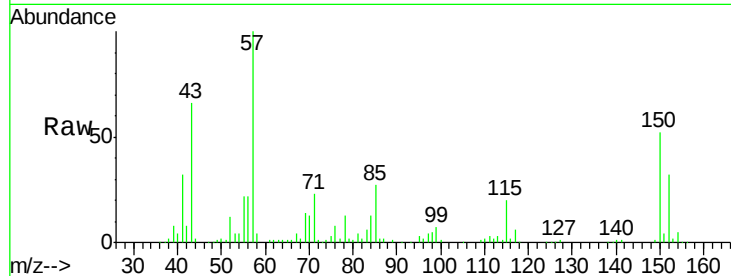
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079218.D
 Acq: 14 May 2015 2:57

Instrument :
 BNA_F
 ClientSampleId :
 SUMP1

Tot Ion:	152	Resp:	57072
Ion Ratio	Lower	Upper	
152	100		
150	162.8	122.0	183.0
115	62.1	46.3	69.5

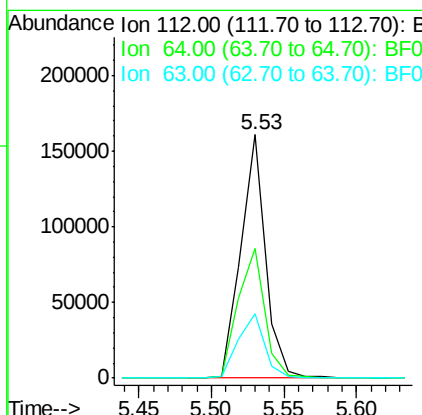
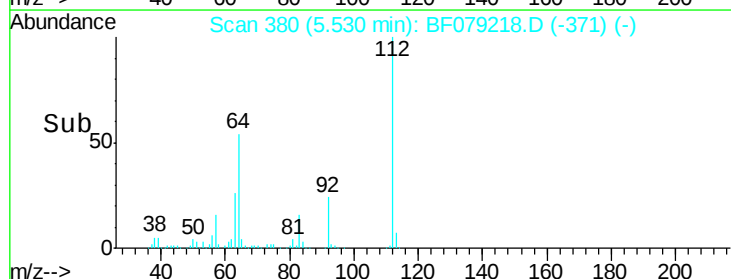
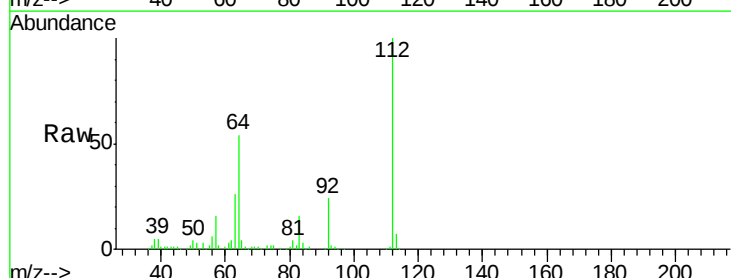
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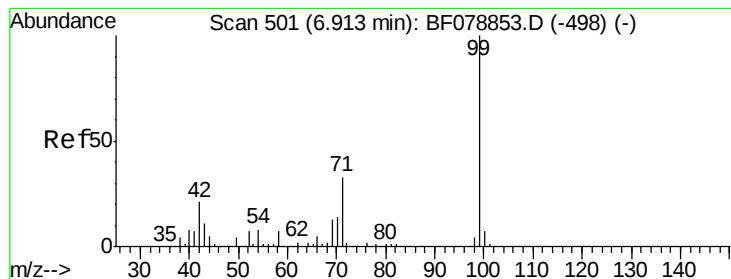
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#5
 2-Fluorophenol
 Concen: 57.42 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079218.D
 Acq: 14 May 2015 2:57

Tgt Ion:	112	Resp:	190377
Ion Ratio	Lower	Upper	
112	100		
64	53.5	53.5	80.3#
63	26.2	27.5	41.3#





#7

Phenol-d6

Concen: 38.01 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

Instrument :

BNA_F

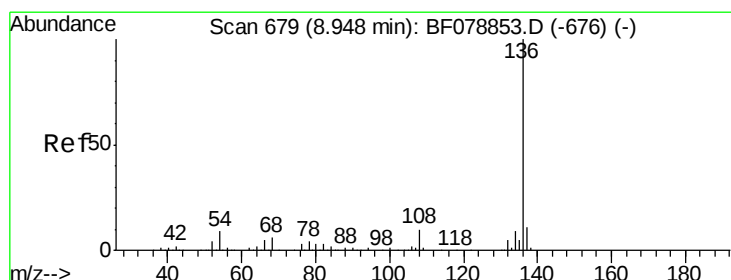
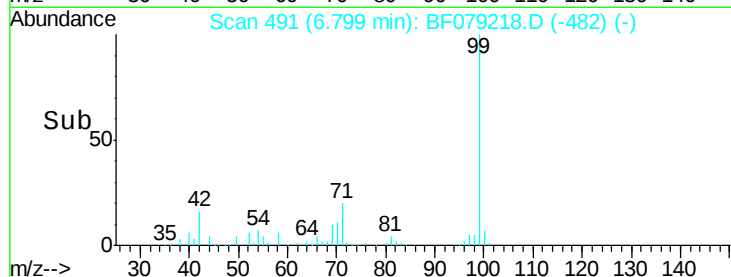
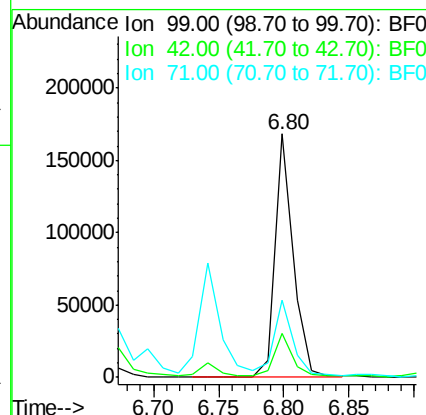
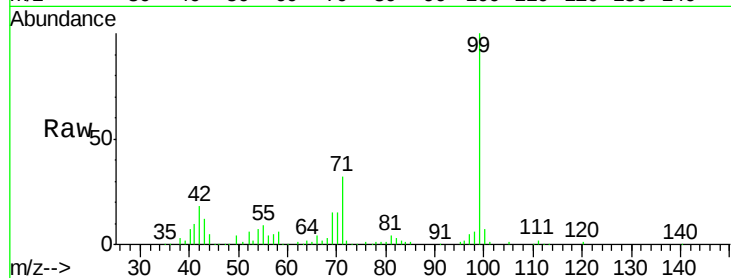
ClientSampled :

SUMP1

Tot Ion:	99	Resp:	166571
Ion Ratio	Lower	Upper	
99	100		
42	17.9	12.8	19.2
71	31.7	23.4	35.2

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.00 ng

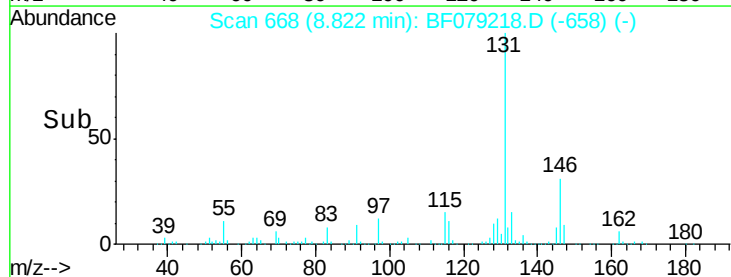
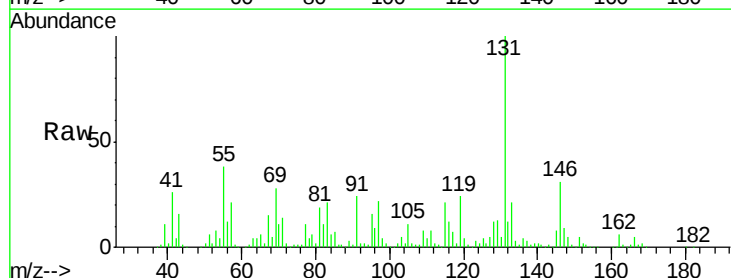
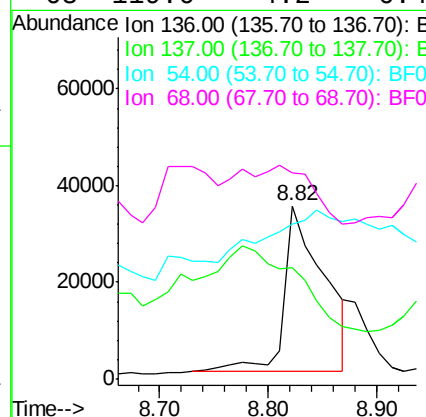
RT: 8.82 min Scan# 668

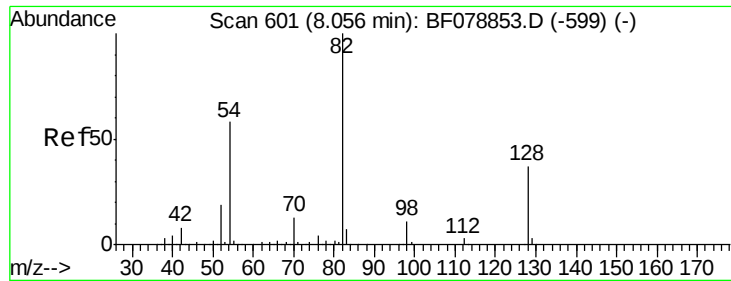
Delta R.T. 0.01 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

Tgt Ion:	136	Resp:	86723
Ion Ratio	Lower	Upper	
136	100		
137	64.7	8.7	13.1#
54	89.8	5.8	8.8#
68	119.6	4.2	6.4#





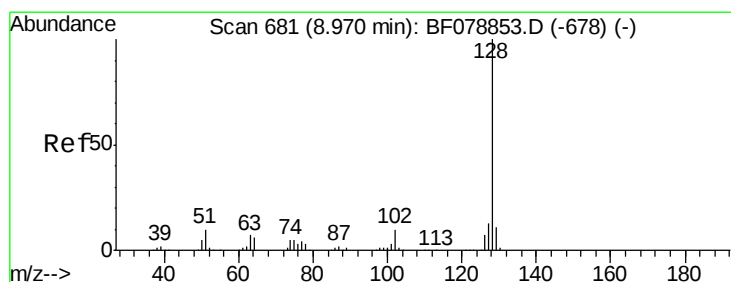
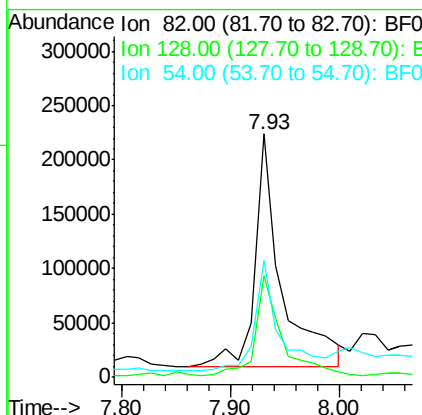
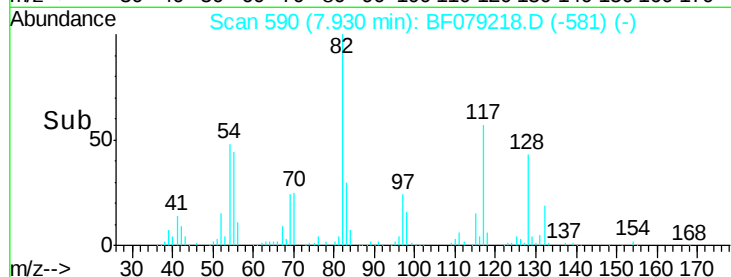
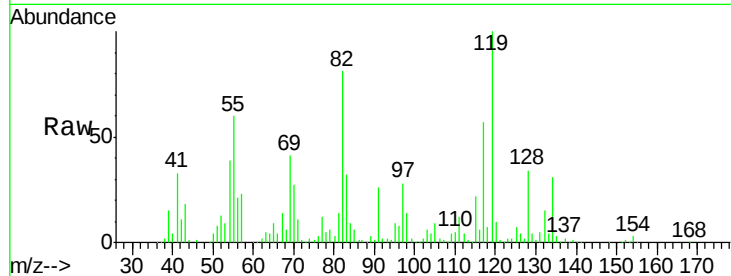
#23
Nitrobenzene-d5
Concen: 241.47 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079218.D
Acq: 14 May 2015 2:57

Instrument :
BNA_F
ClientSampled :
SUMP1

Tot Ion	82	Resp	364370
Ion Ratio	Lower	Upper	
82	100		
128	41.9	30.0	45.0
54	48.0	46.4	69.6

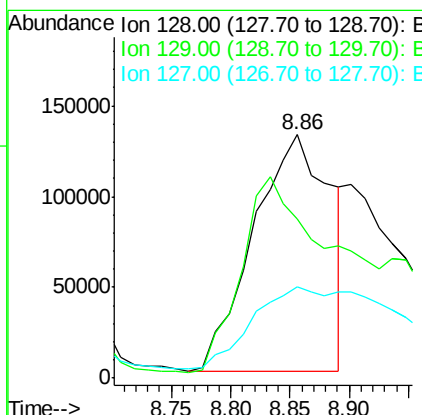
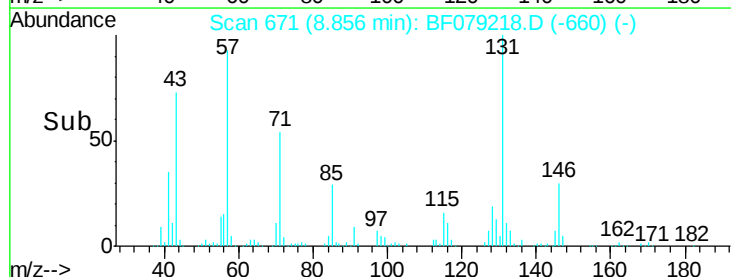
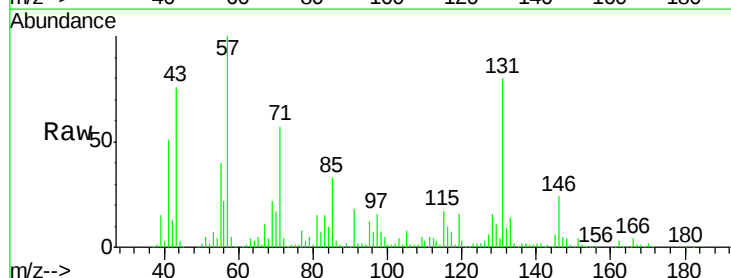
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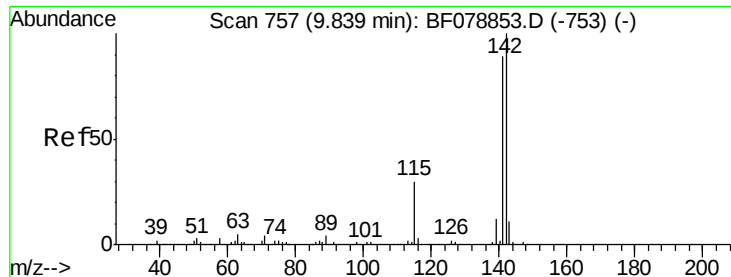
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#31
Naphthalene
Concen: 142.54 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.02 min
Lab File: BF079218.D
Acq: 14 May 2015 2:57

Tgt Ion	128	Resp	589005
Ion Ratio	Lower	Upper	
128	100		
129	65.4	9.3	13.9#
127	37.7	10.7	16.1#





#37

2-Methylnaphthalene

Concen: 783.18 ng m

RT: 9.78 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

Instrument :

BNA_F

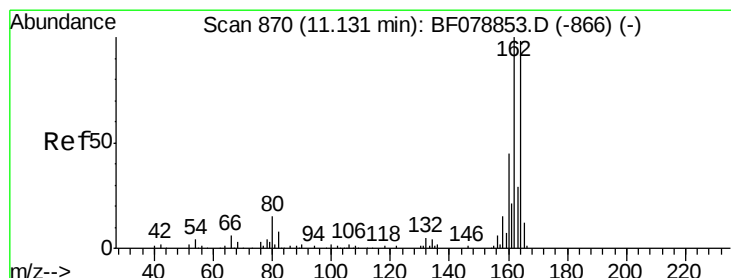
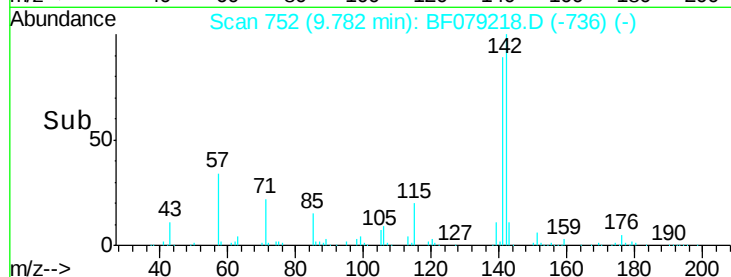
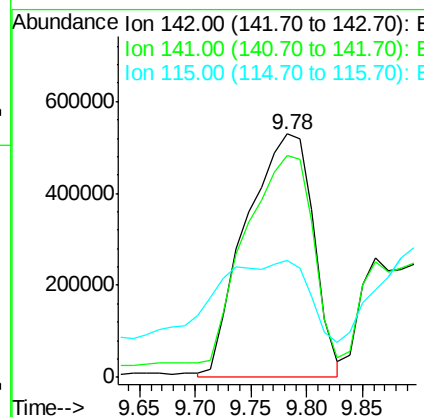
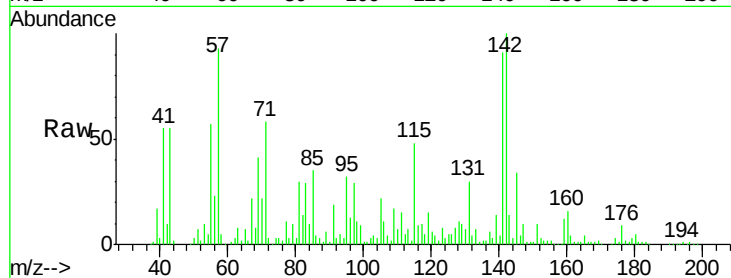
ClientSampled :

SUMP1

Tot Ion:	142	Resp:	2242653
Ion Ratio	Lower	Upper	
142	100		
141	90.9	70.9	106.3
115	47.9	28.5	42.7#

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng m

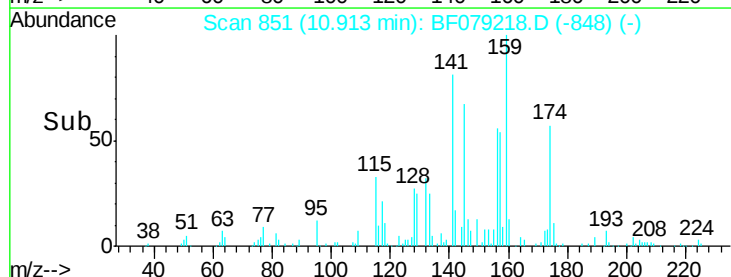
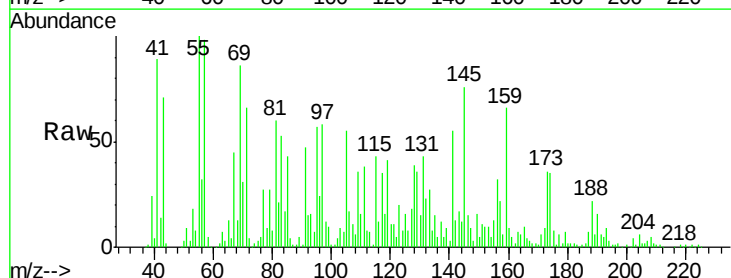
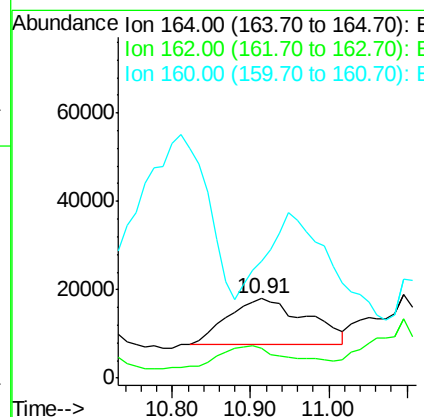
RT: 10.91 min Scan# 851

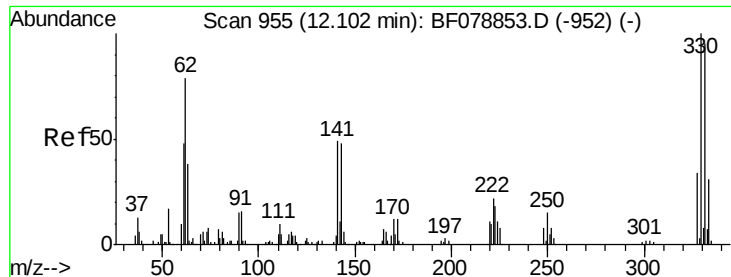
Delta R.T. -0.07 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

Tgt Ion:	164	Resp:	73292
Ion Ratio	Lower	Upper	
164	100		
162	36.9	82.7	124.1#
160	148.1	35.8	53.8#





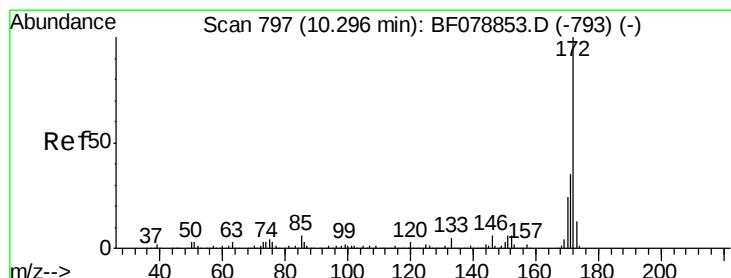
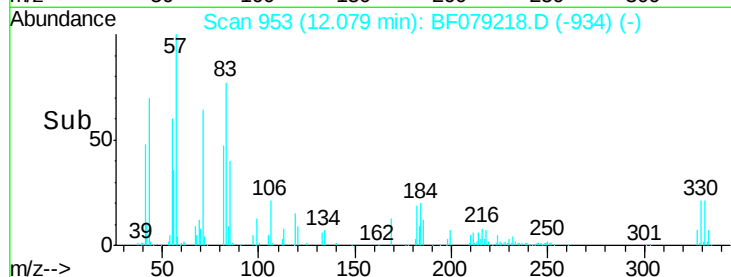
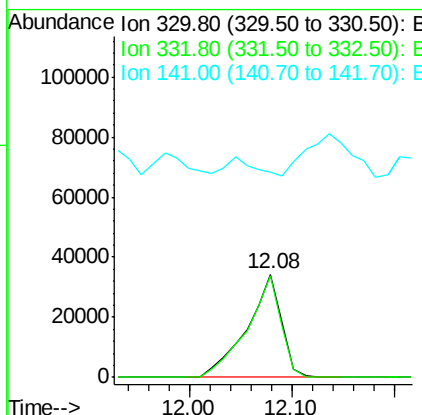
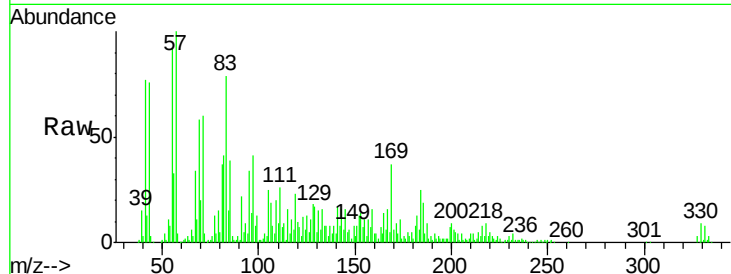
#41
 2,4,6-Tribromophenol
 Concen: 101.11 ng/ml
 RT: 12.08 min Scan# 953
 Delta R.T. 0.11 min
 Lab File: BF079218.D
 Acq: 14 May 2015 2:57

Instrument :
 BNA_F
 ClientSampled :
 SUMP1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	80172		
332	0.0	0.0	0.0	0.0
141	0.0	0.0	0.0	0.0

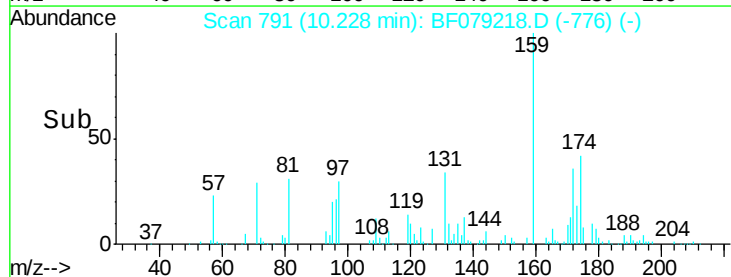
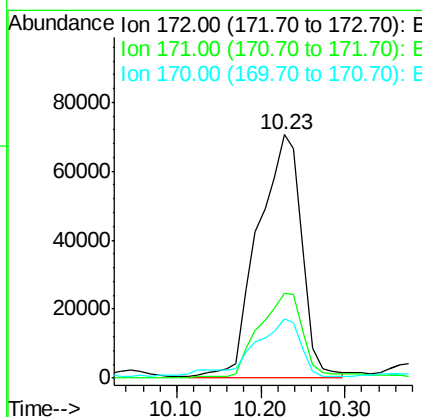
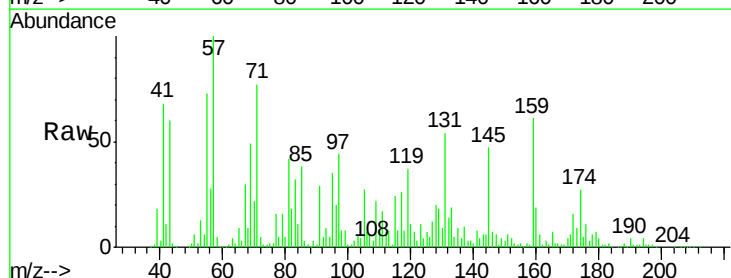
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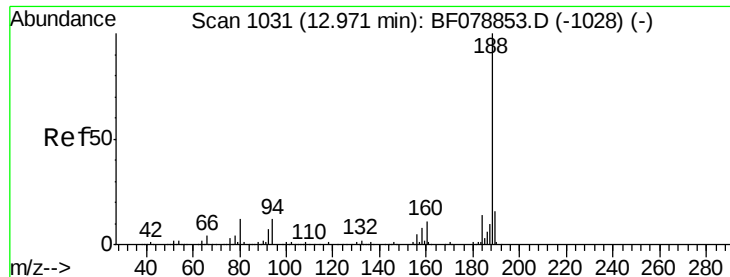
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#44
 2-Fluorobiphenyl
 Concen: 48.86 ng/ml
 RT: 10.23 min Scan# 791
 Delta R.T. 0.07 min
 Lab File: BF079218.D
 Acq: 14 May 2015 2:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	257011		
171	34.8	27.9	41.9	
170	24.2	19.4	29.0	





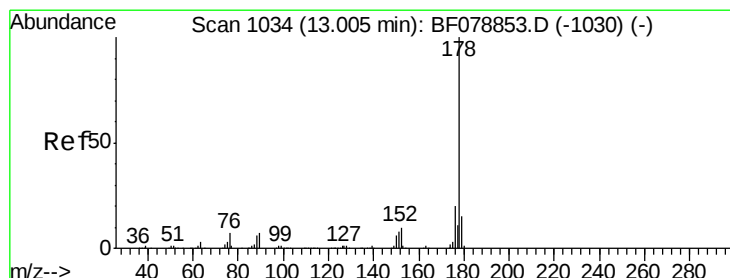
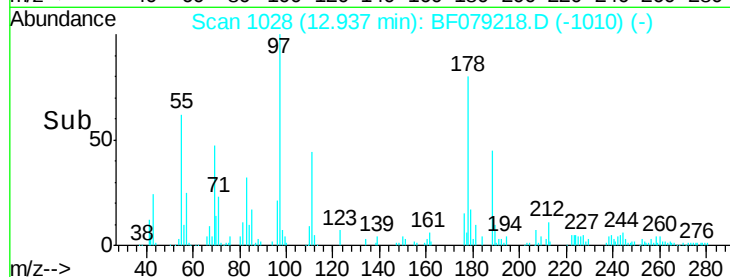
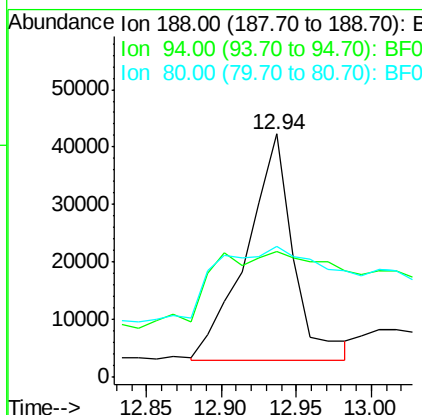
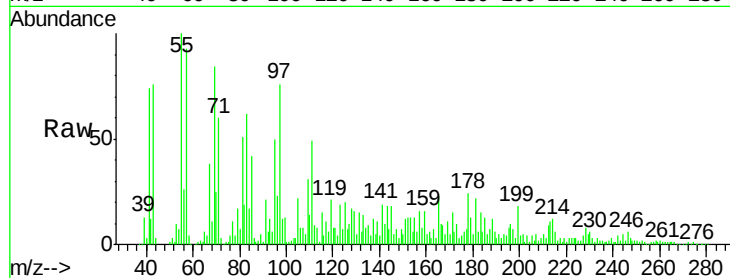
#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 12.94 min Scan# 1028
Delta R.T. 0.10 min
Lab File: BF079218.D
Acq: 14 May 2015 2:57

Instrument :
BNA_F
ClientSampled :
SUMP1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	51.7	8.2	12.2#
80	53.9	8.9	13.3#

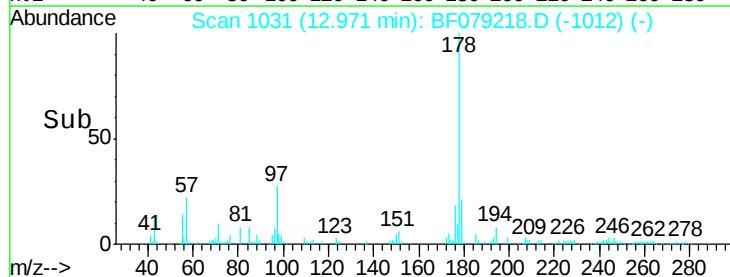
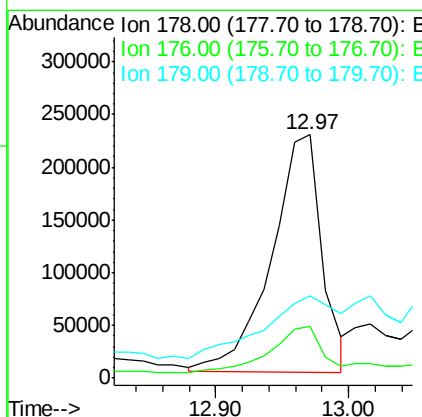
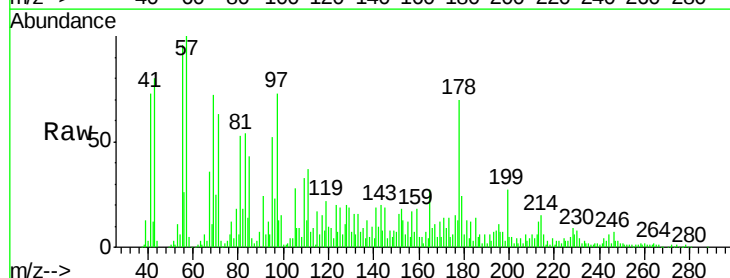
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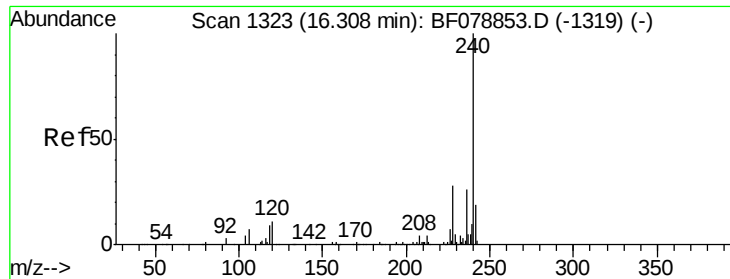
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#70
Phenanthrene
Concen: 123.99 ng m
RT: 12.97 min Scan# 1031
Delta R.T. 0.11 min
Lab File: BF079218.D
Acq: 14 May 2015 2:57

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	21.2	15.8	23.8
179	34.0	12.5	18.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.14 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

Instrument :

BNA_F

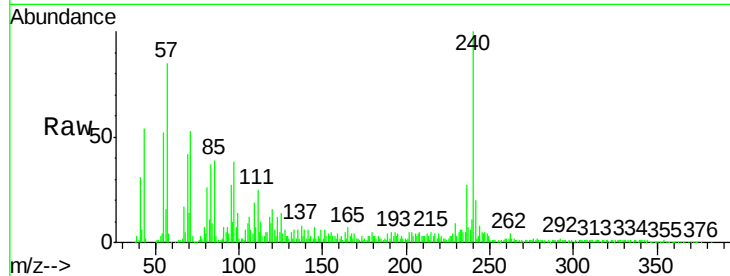
ClientSampleId :

SUMP1

Tot Ion:	240	Resp:	189960
Ion Ratio		Lower	Upper
240	100		
120	15.8	9.7	14.5#
236	26.5	20.2	30.4

Manual Integrations
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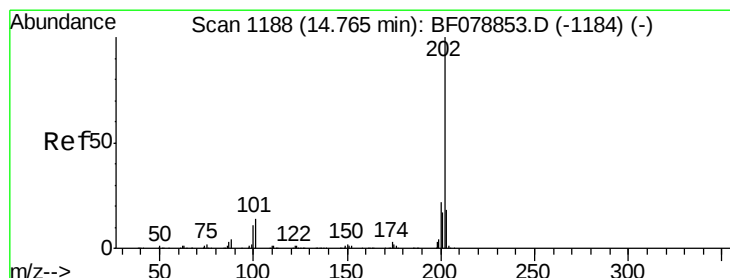
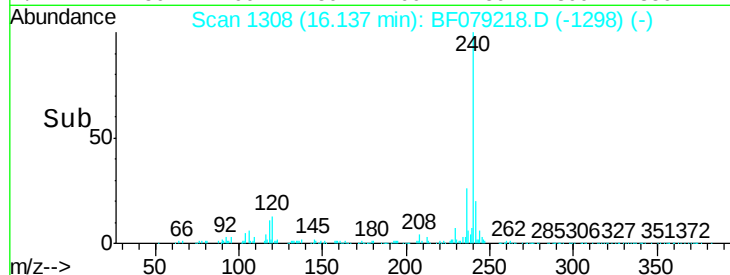
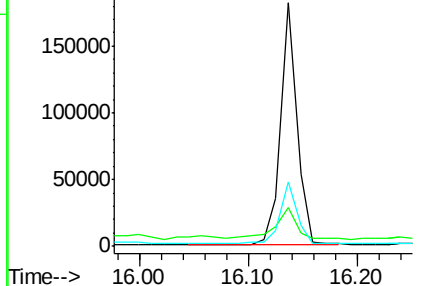
apatel
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 37.41 ng m

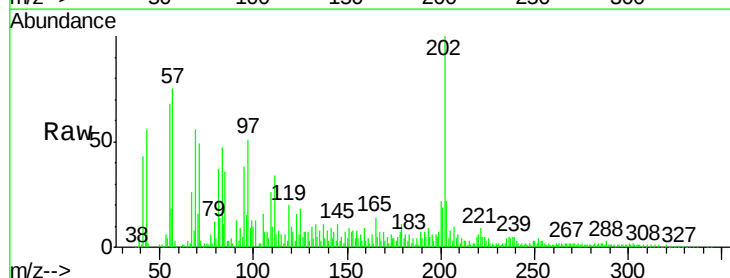
RT: 14.69 min Scan# 1181

Delta R.T. 0.07 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

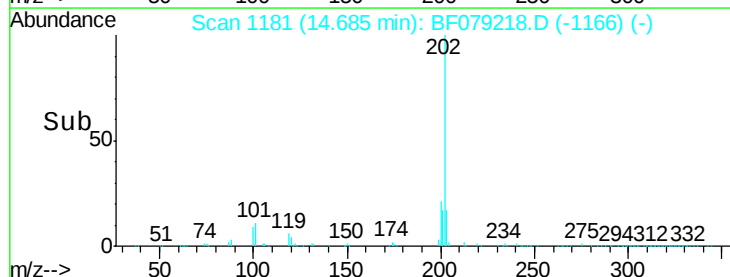
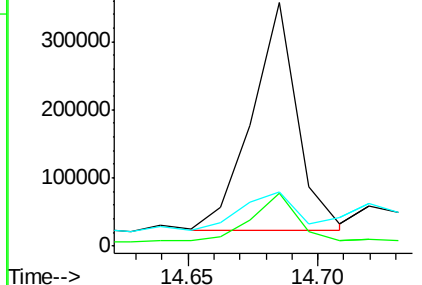
Tgt Ion:	202	Resp:	409461
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.5	26.3
203	22.2	13.9	20.9#

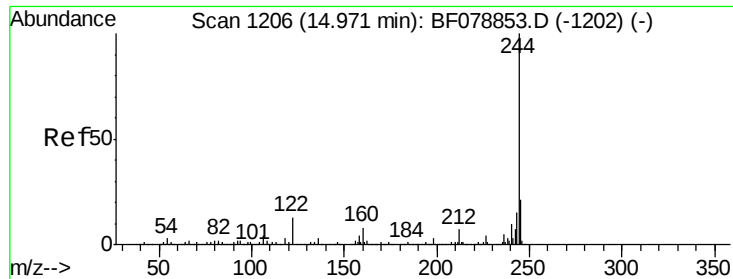


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43.64 ng

RT: 14.87 min Scan# 1197

Delta R.T. 0.05 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

Instrument :

BNA_F

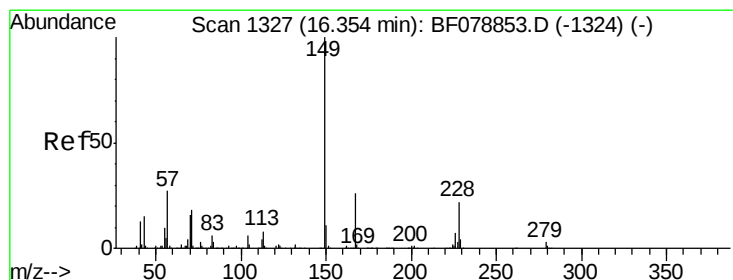
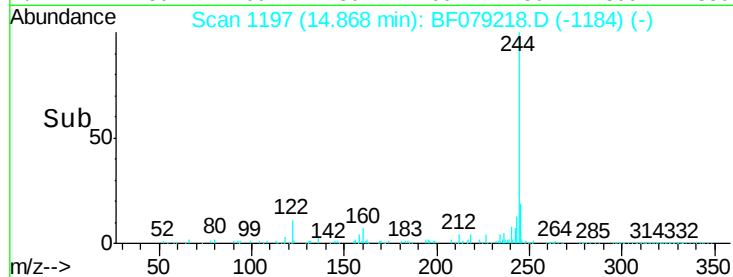
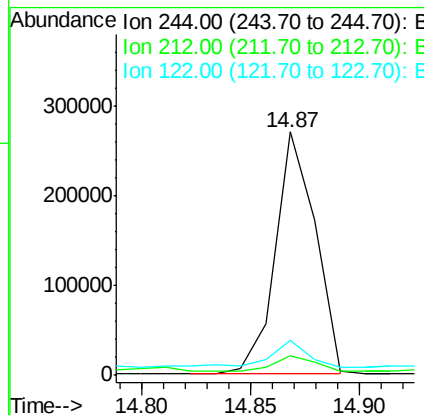
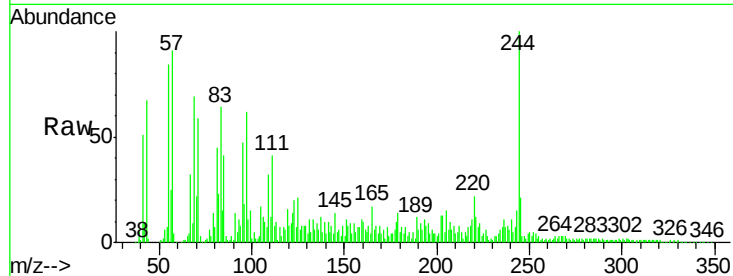
ClientSampleId :

SUMP1

Tot Ion:	244	Resp:	346278
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.6	8.4
122	14.4	10.3	15.5

Manual Integrations
APPROVED

apatel
5/14/2015 5:02:58 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.81 ng

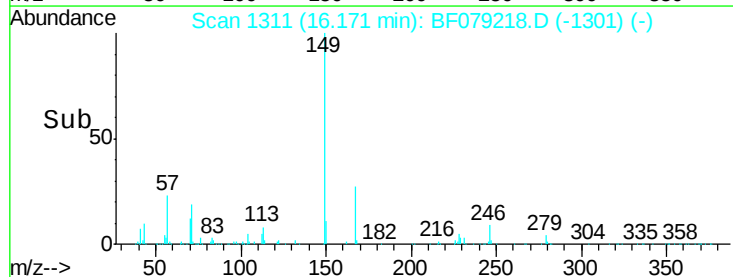
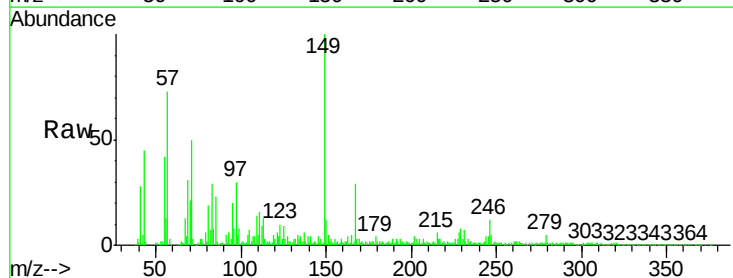
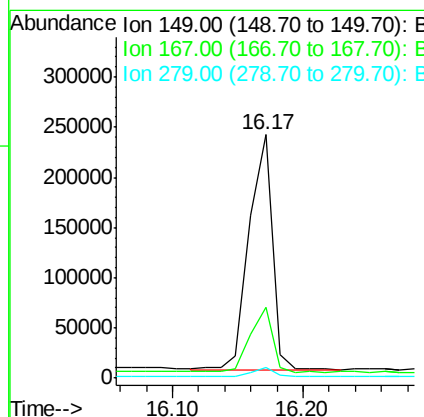
RT: 16.17 min Scan# 1311

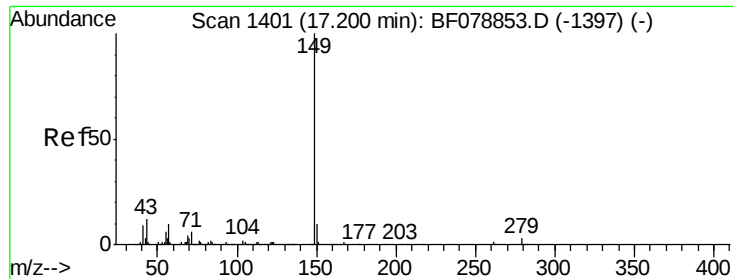
Delta R.T. 0.01 min

Lab File: BF079218.D

Acq: 14 May 2015 2:57

Tgt Ion:	149	Resp:	288546
Ion Ratio	Lower	Upper	
149	100		
167	29.1	21.8	32.8
279	4.5	2.9	4.3#





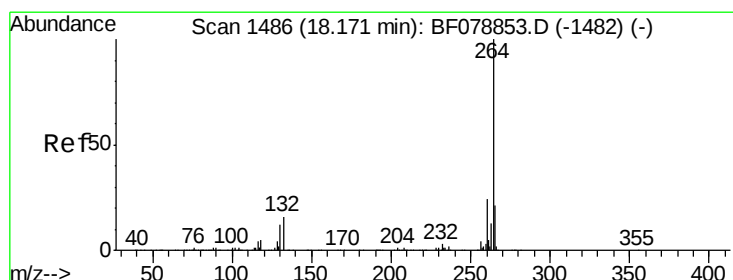
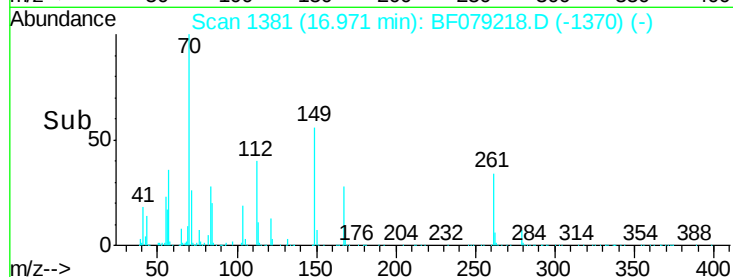
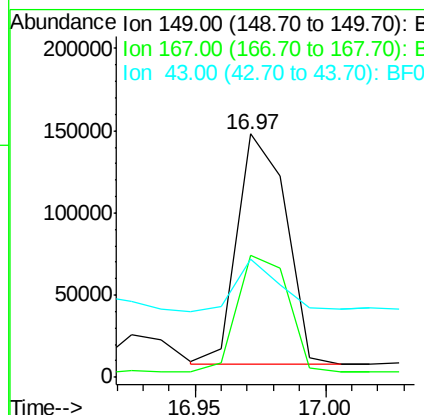
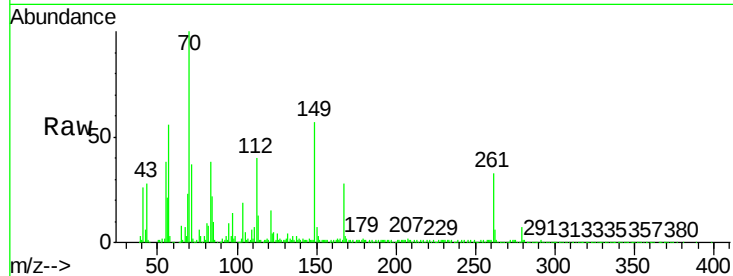
#84
Di-n-octyl phthalate
Concen: 14.43 ng
RT: 16.97 min Scan# 1381
Delta R.T. 0.02 min
Lab File: BF079218.D
Acq: 14 May 2015 2:57

Instrument :
BNA_F
ClientSampled :
SUMP1

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	53.2	0.0	0.0#
43	20.7	0.0	0.0#

Manual Integrations
APPROVED

apatel
5/14/2015 5:02:58 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.06 min
Lab File: BF079218.D
Acq: 14 May 2015 2:57

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.0	18.3	27.5

