

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078874.D
 Acq On : 1 May 2015 3:58
 Operator : TP/IZ
 Sample : G2032-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1(0-2)

Manual Integrations
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 5/1/2015 4:45:16 PM

Quant Time: May 01 04:50:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	88038	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	360257	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	170907	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	333059	20.00	ng	0.00
75) Chrysene-d12	16.26	240	340555	20.00	ng	-0.01
86) Perylene-d12	17.97	264	366448	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	477620	93.39	ng	0.00
7) Phenol-d6	6.91	99	622008	92.01	ng	0.00
23) Nitrobenzene-d5	8.06	82	348011	55.52	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	166310	89.95	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	745964	60.81	ng	0.00
78) Terphenyl-d14	14.97	244	823478	57.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.80	163	41234	3.29	ng	99
74) Fluoranthene	14.48	202	84087	4.33	ng	97
77) Pyrene	14.77	202	79902	4.07	ng	98
80) Benzo(a)anthracene	16.25	228	57345	3.07	ng	98
82) Chrysene	16.30	228	41845	2.33	ng	96
87) Benzo(b)fluoranthene	17.52	252	69383m	3.46	ng	
89) Benzo(a)pyrene	17.90	252	52357	2.83	ng	# 91

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

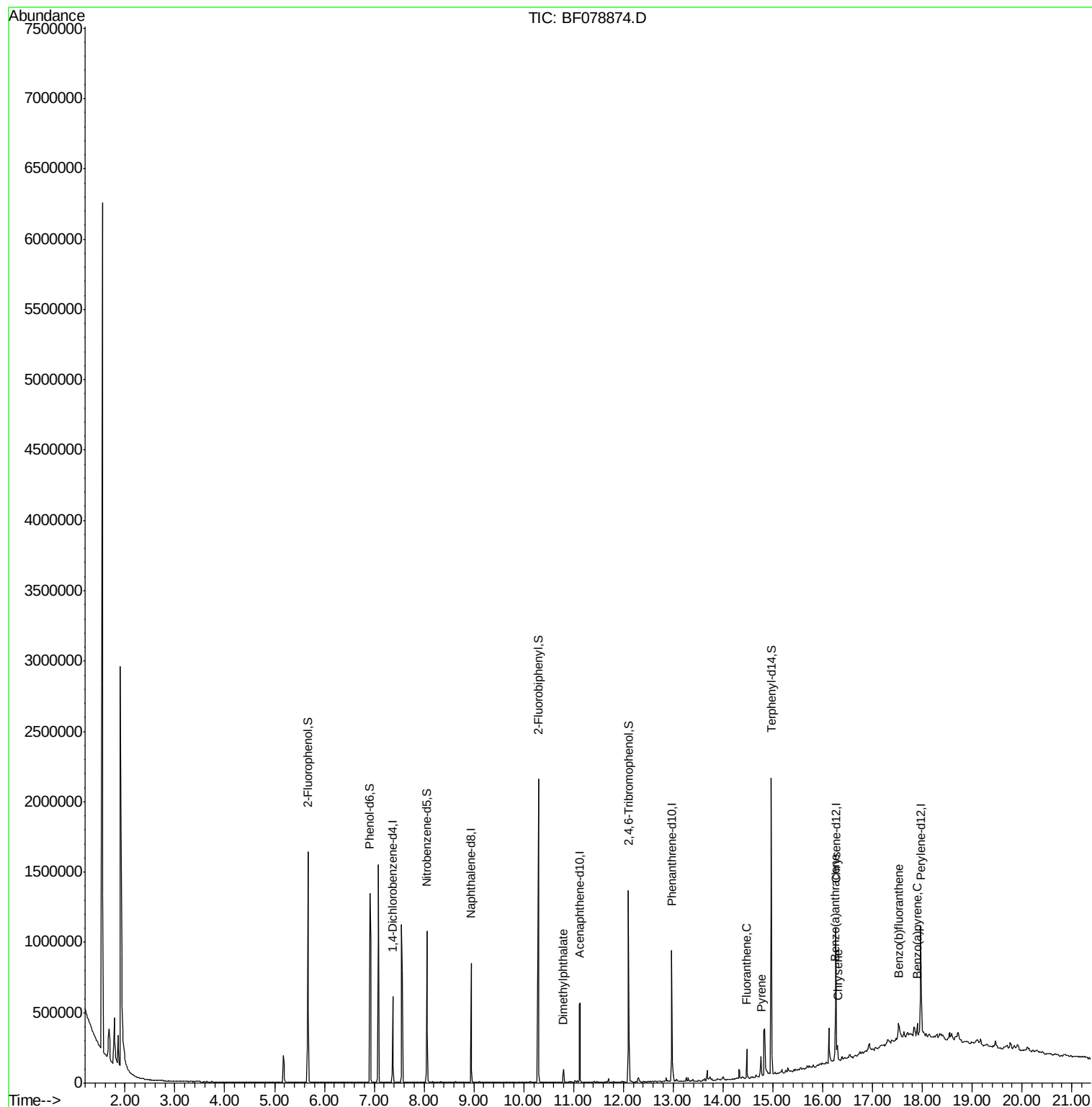
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078874.D
Acq On : 1 May 2015 3:58
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Misc :
ALS Vial : 24 Sample Multiplier: 1

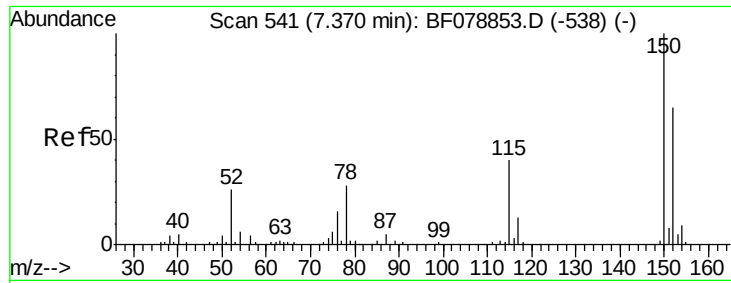
Instrument :
BNA_F
ClientSampleId :
B1(0-2)

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Quant Time: May 01 04:50:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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Response via : Initial Calibration





#1

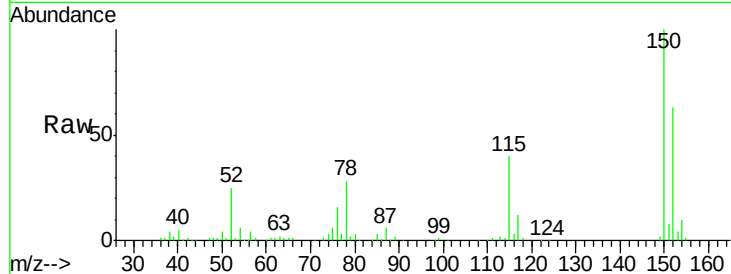
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Instrument :
BNA_F
ClientSampleId :
B1(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.0	183.0
115	63.2	46.3	69.5

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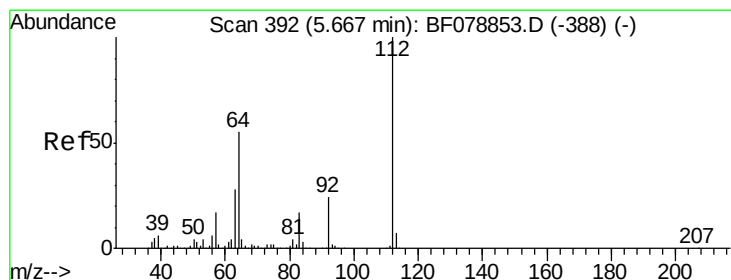
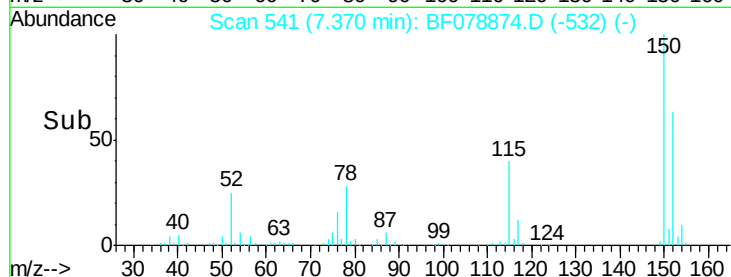
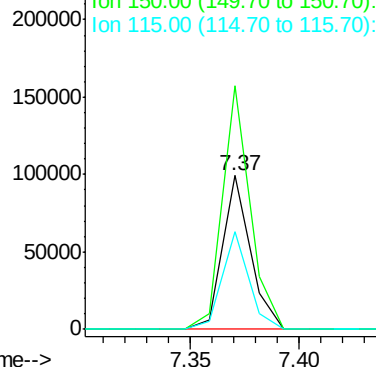


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

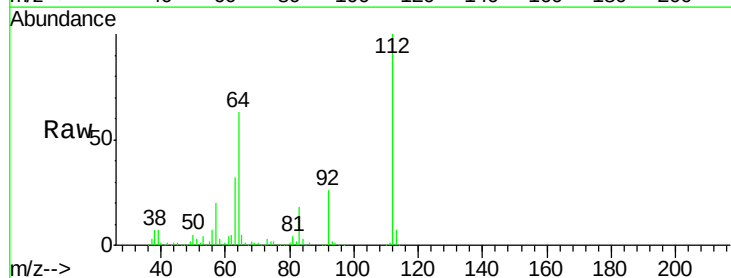
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.39 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	53.5	80.3
63	32.3	27.5	41.3

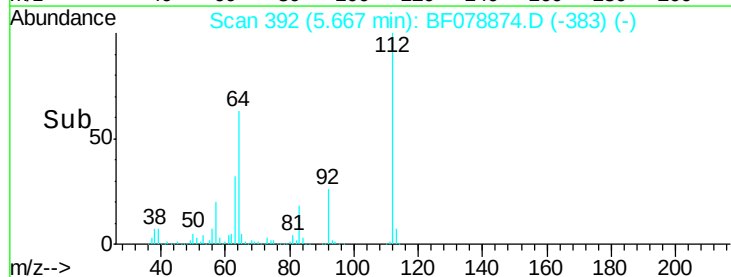
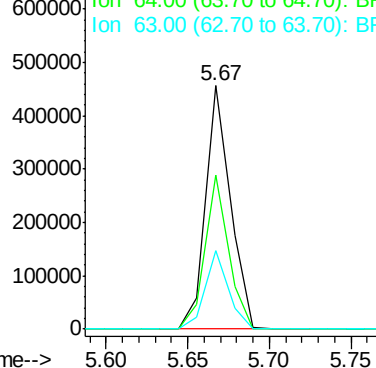


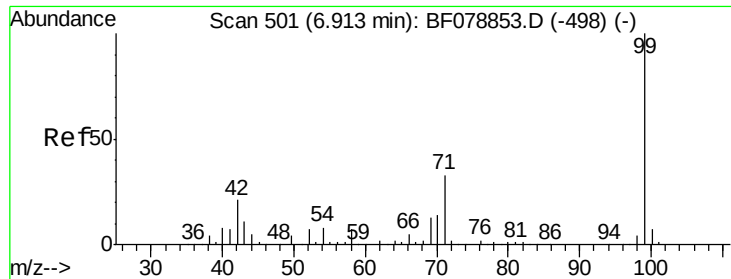
Abundance

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: 92.01 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078874.D

Acq: 1 May 2015 3:58

Instrument :

BNA_F

ClientSampleId :

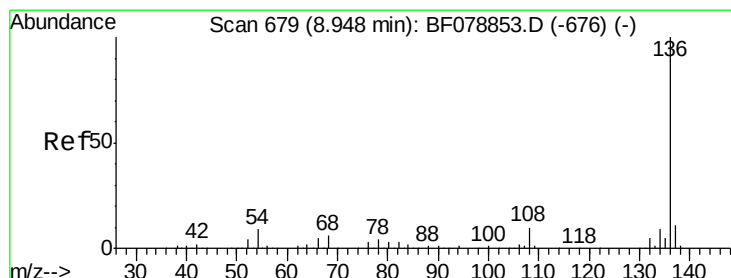
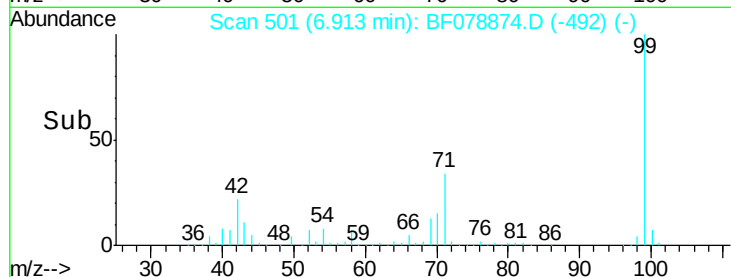
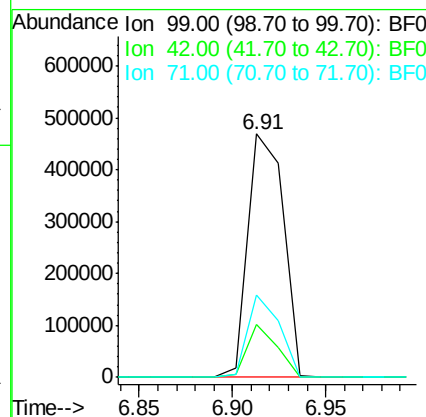
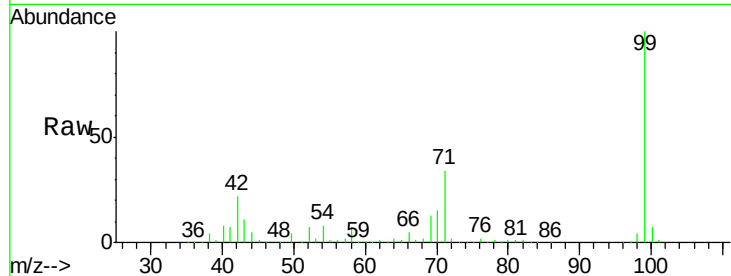
B1(0-2)

Tot Ion: 99 Resp: 622008

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	33.8	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

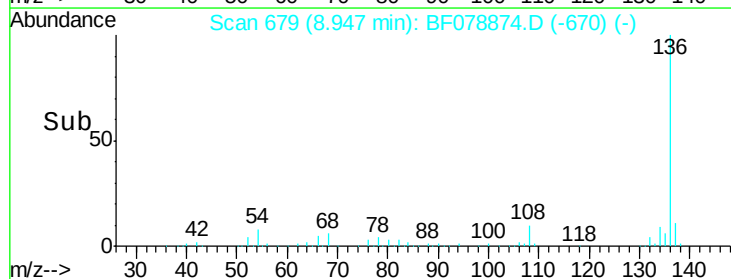
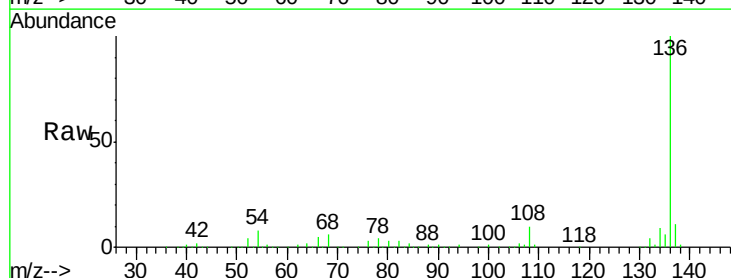
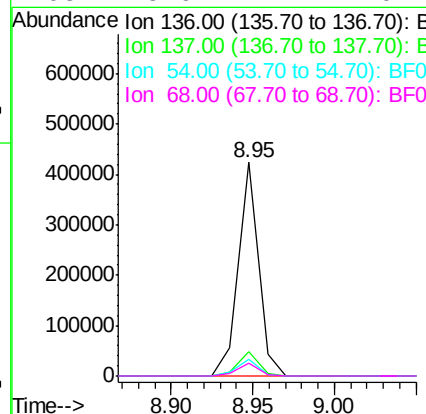
Delta R.T. -0.00 min

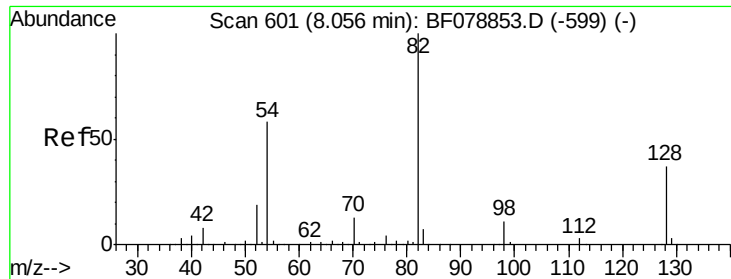
Lab File: BF078874.D

Acq: 1 May 2015 3:58

Tgt Ion: 136 Resp: 360257

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.0	5.8	8.8
68	5.9	4.2	6.4





#23

Nitrobenzene-d5

Concen: 55.52 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF078874.D

Acq: 1 May 2015 3:58

Instrument :

BNA_F

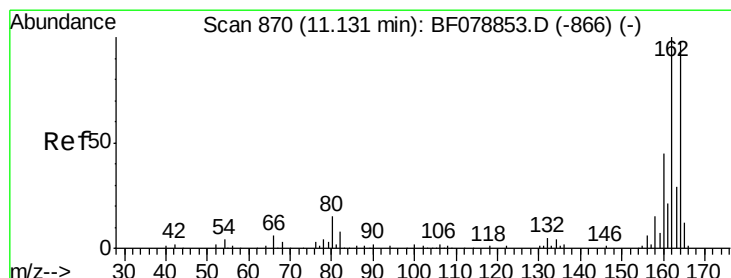
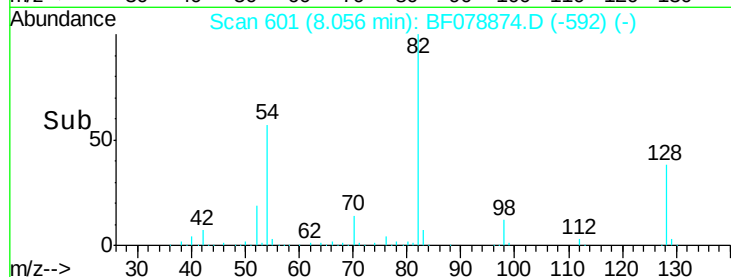
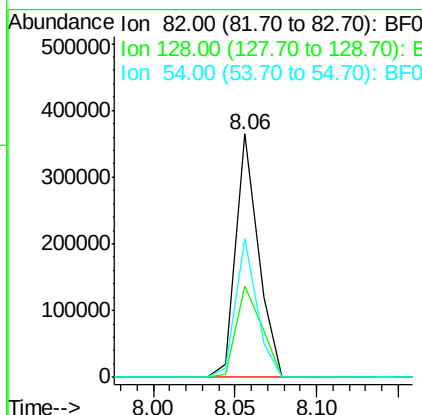
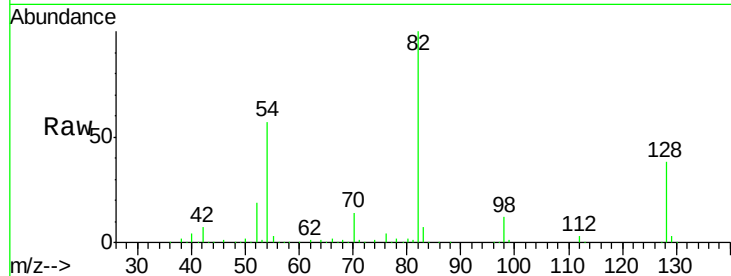
ClientSampled :

B1(0-2)

Tot Ion:	82	Resp:	348011
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.0	45.0
54	57.2	46.4	69.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

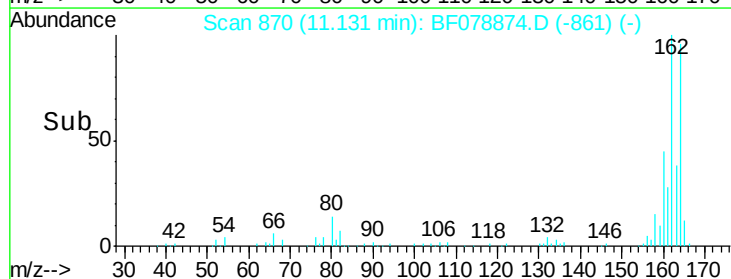
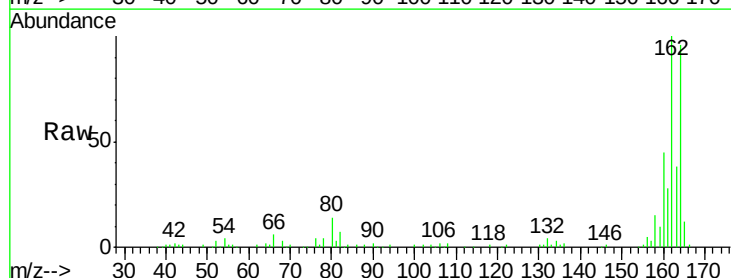
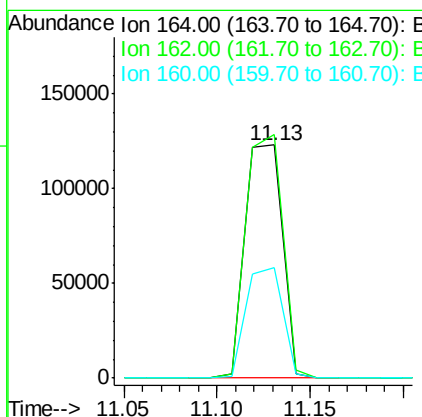
RT: 11.13 min Scan# 870

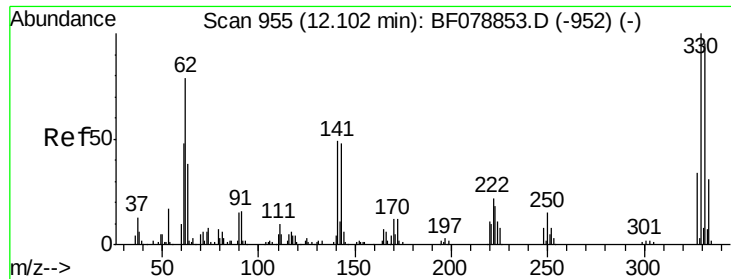
Delta R.T. -0.00 min

Lab File: BF078874.D

Acq: 1 May 2015 3:58

Tgt Ion:	164	Resp:	170907
Ion Ratio	Lower	Upper	
164	100		
162	104.5	82.7	124.1
160	47.4	35.8	53.8





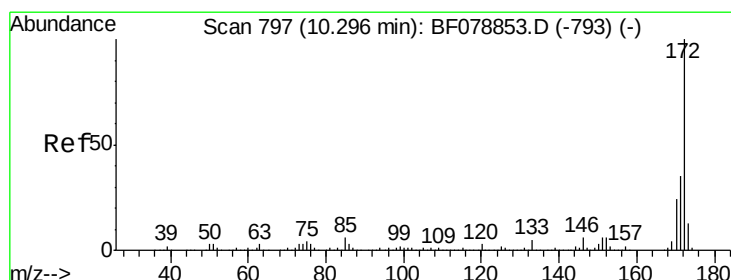
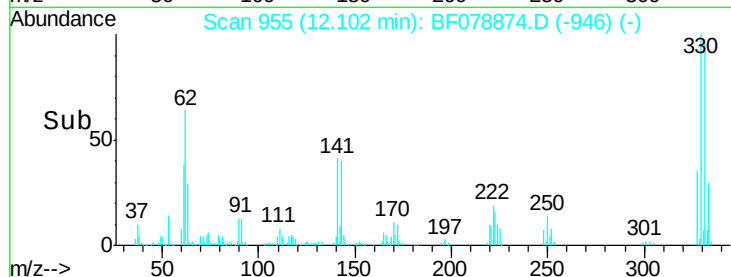
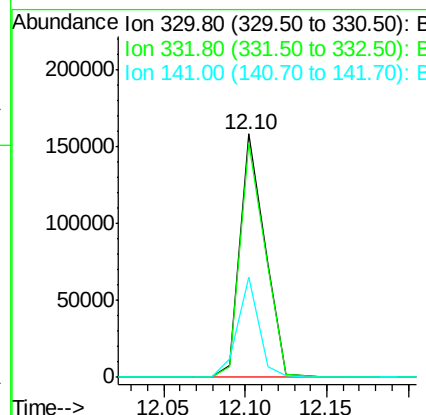
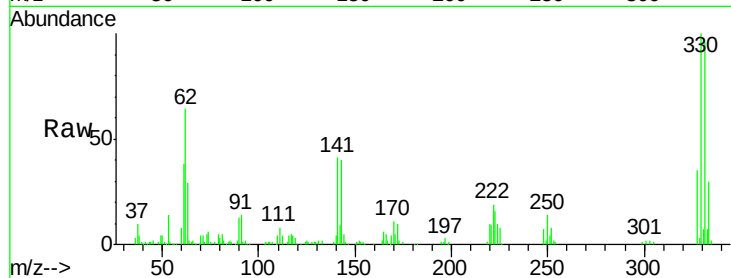
#41
 2,4,6-Tribromophenol
 Concen: 89.95 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078874.D
 Acq: 1 May 2015 3:58

Instrument :
 BNA_F
 ClientSampleId :
 B1(0-2)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	35.1	0.0	0.0#

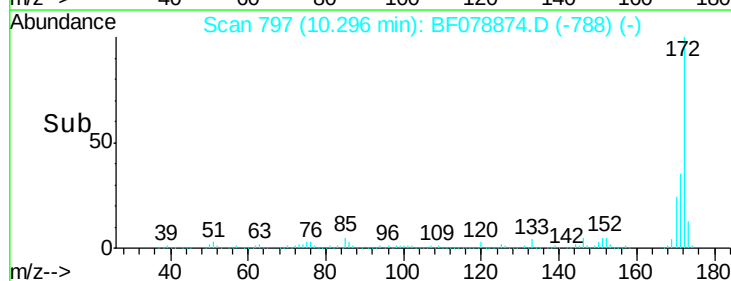
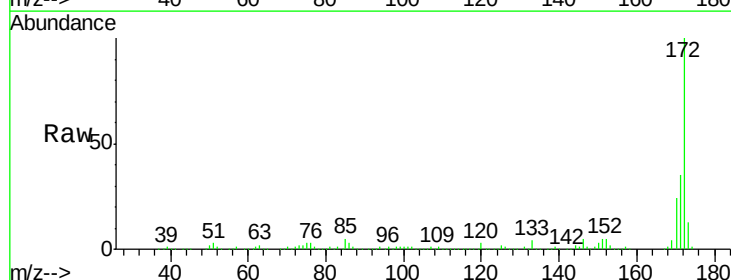
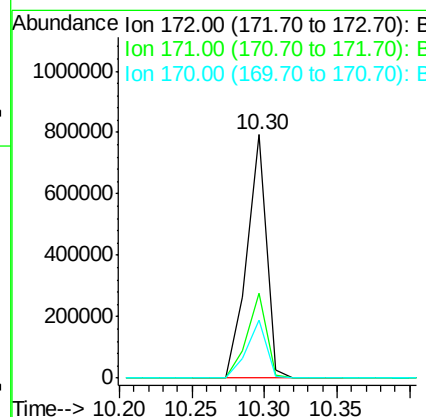
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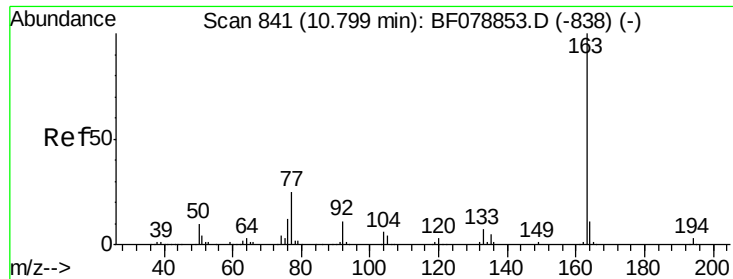
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#44
 2-Fluorobiphenyl
 Concen: 60.81 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078874.D
 Acq: 1 May 2015 3:58

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.8	27.9	41.9
170	24.1	19.4	29.0





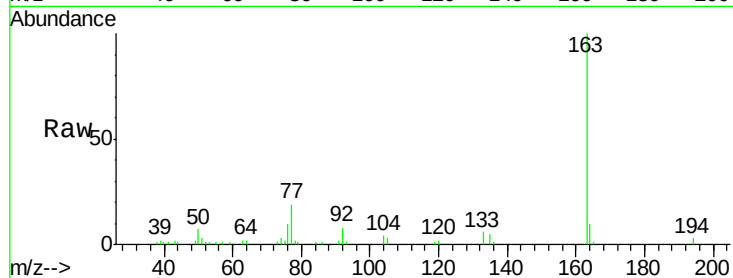
#49
Dimethylphthalate
Concen: 3.29 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Instrument :
BNA_F
ClientSampleId :
B1(0-2)

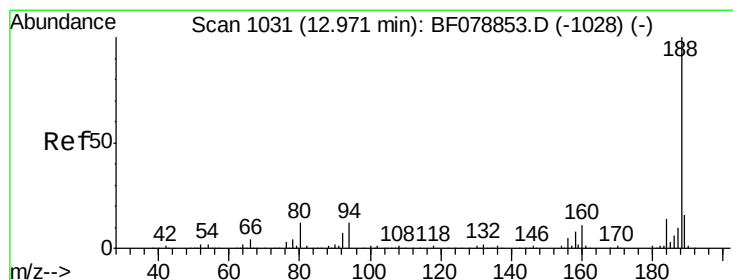
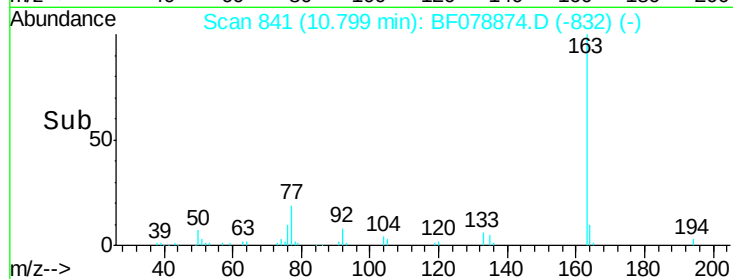
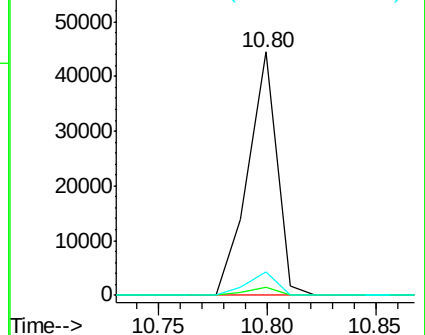
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.1	12.1

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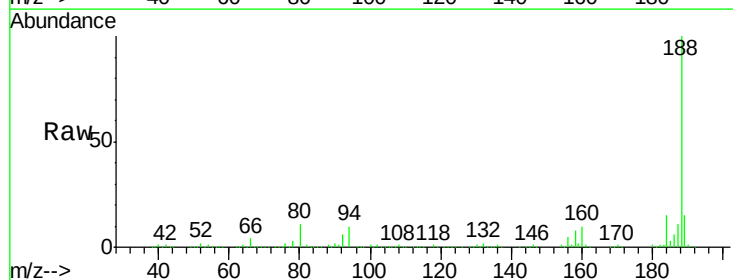


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

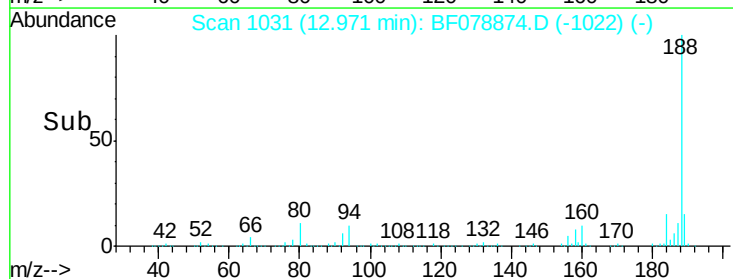
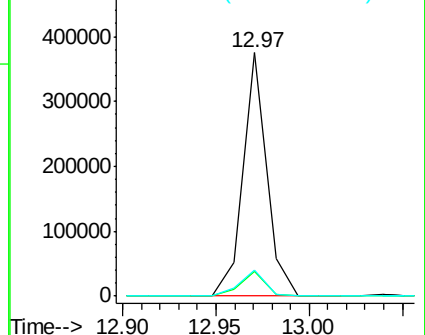


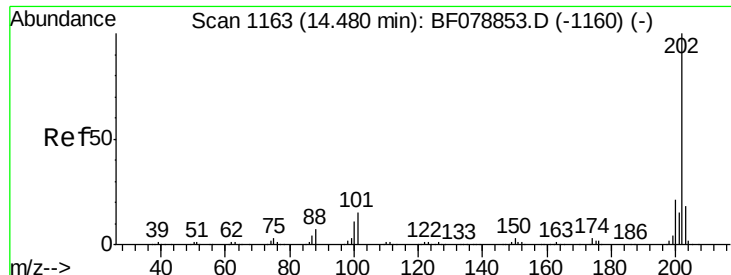
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	10.7	8.9	13.3



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





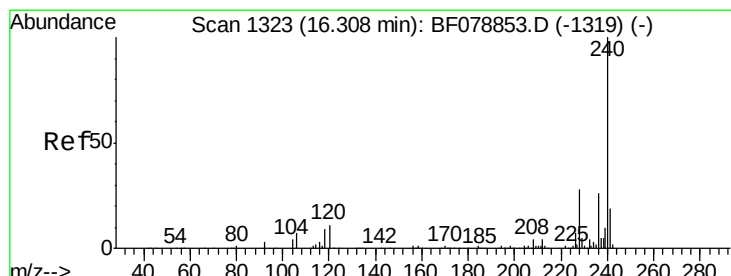
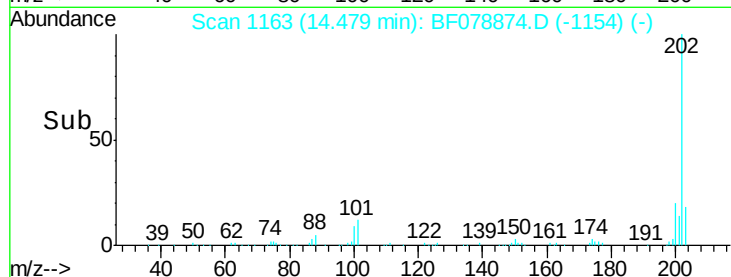
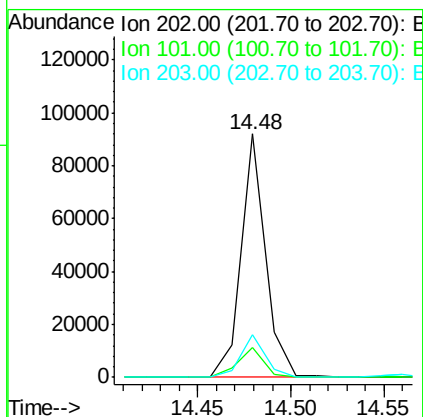
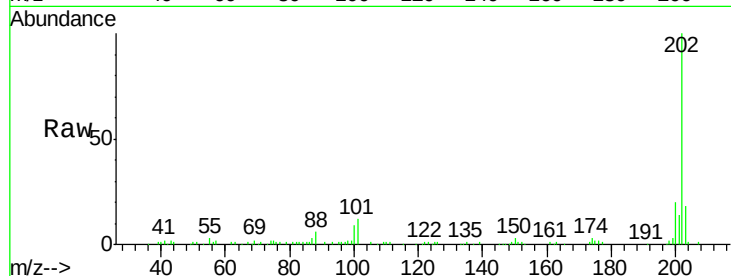
#74
Fluoranthene
Concen: 4.33 ng
RT: 14.48 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Instrument :
BNA_F
ClientSampleId :
B1(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	84087		
101	12.4	0.0	34.6	
203	17.8	0.0	38.4	

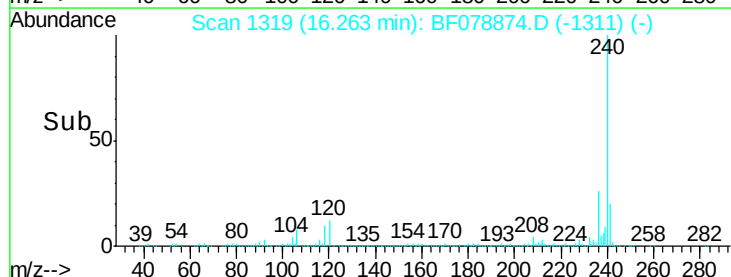
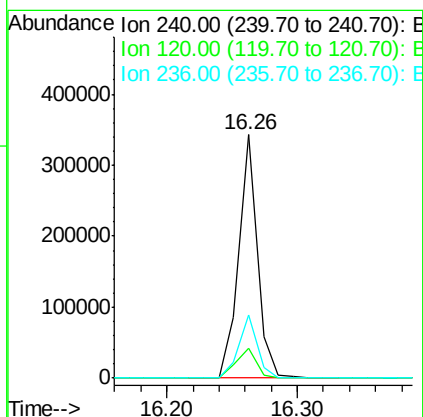
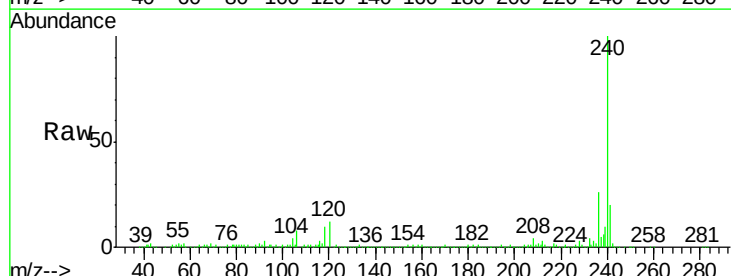
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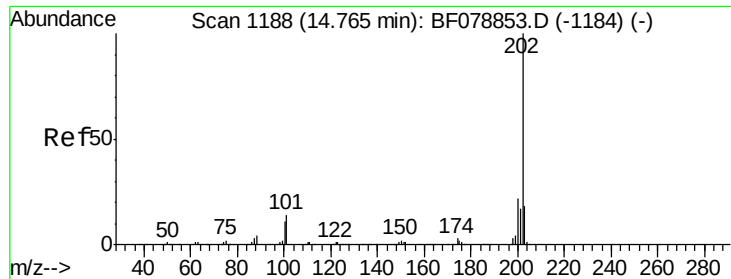
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	340555		
120	12.3	9.7	14.5	
236	26.2	20.2	30.4	





#77

Pvrene

Concen: 4.07 ng

RT: 14.77 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF078874.D

Acq: 1 May 2015 3:58

Instrument :

BNA_F

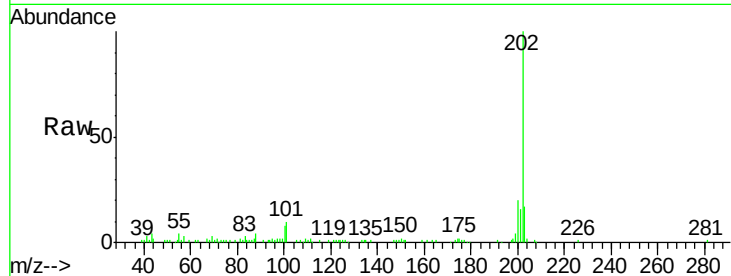
ClientSampleId :

B1(0-2)

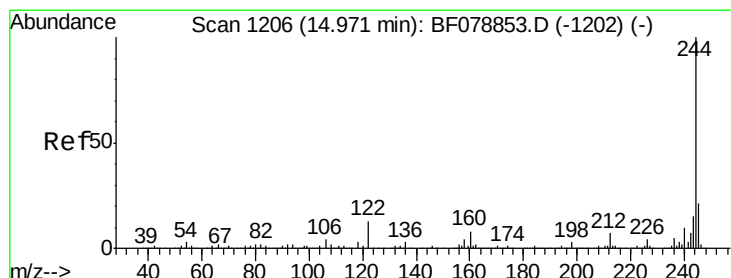
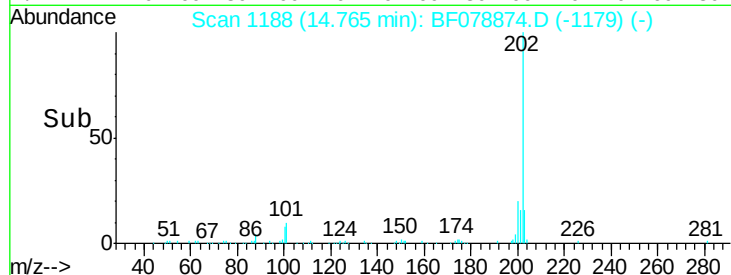
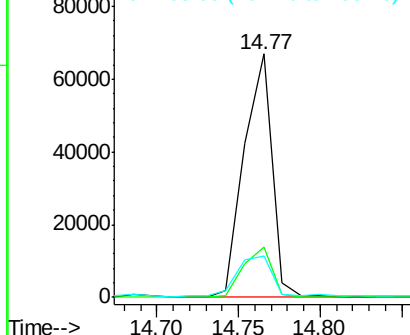
Tot Ion:	202	Resp:	79902
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.5	26.3
203	17.1	13.9	20.9

Manual Integrations
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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: 57.89 ng

RT: 14.97 min Scan# 1206

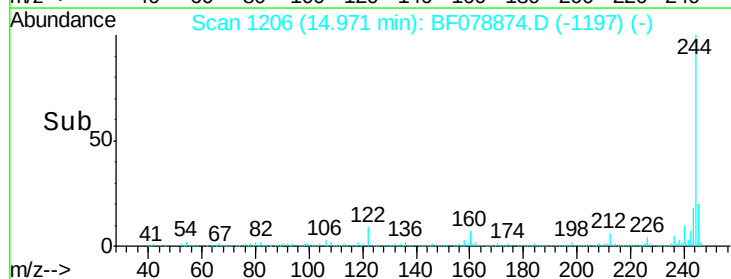
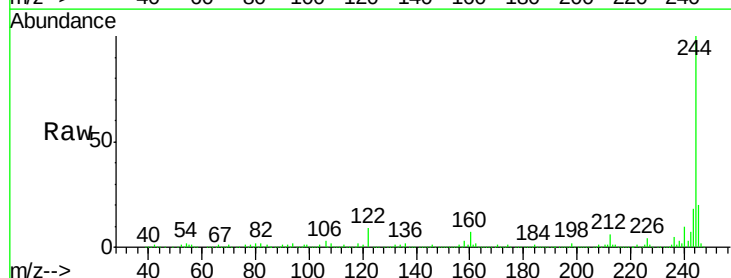
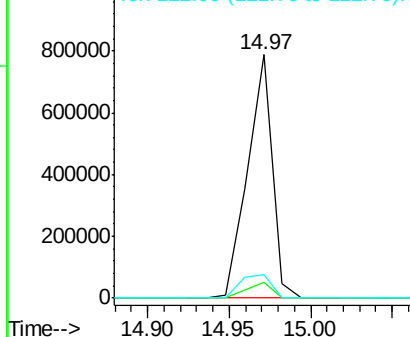
Delta R.T. -0.00 min

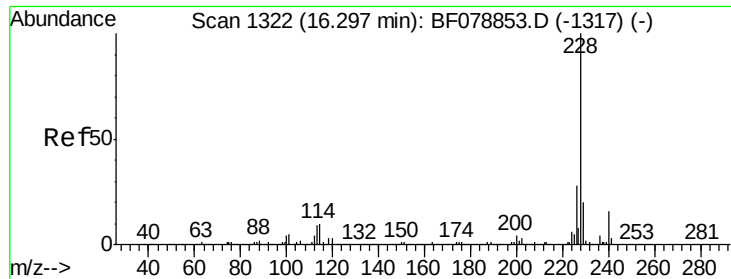
Lab File: BF078874.D

Acq: 1 May 2015 3:58

Tgt Ion:	244	Resp:	823478
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.6	8.4
122	9.4	10.3	15.5#

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





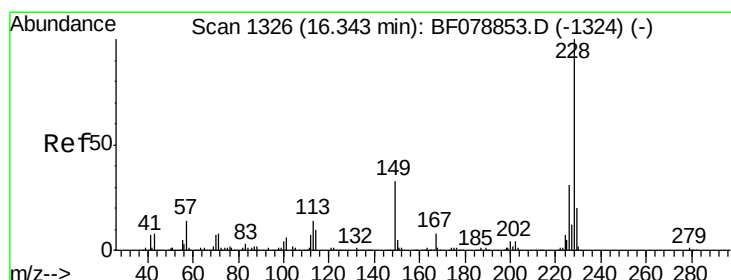
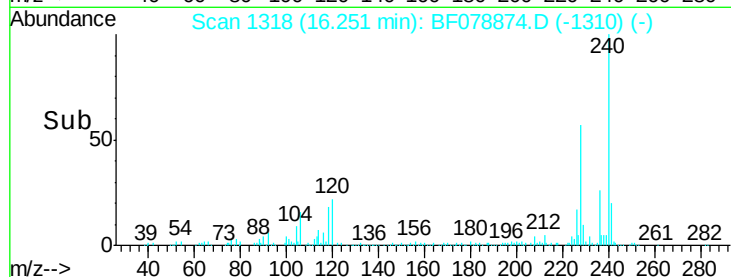
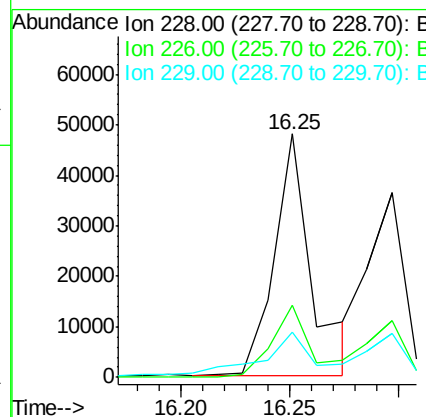
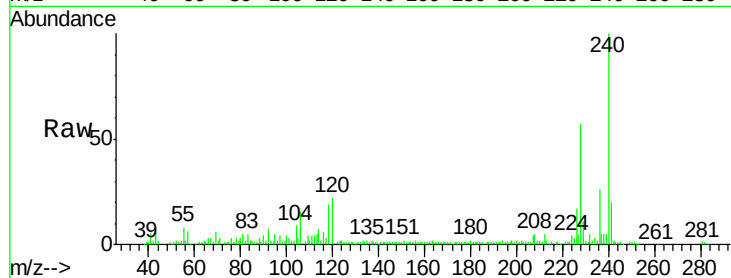
#80
Benzo(a)anthracene
Concen: 3.07 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Instrument :
BNA_F
ClientSampleId :
B1(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		57345		
226	29.4		22.6	33.8	
229	18.6		15.9	23.9	

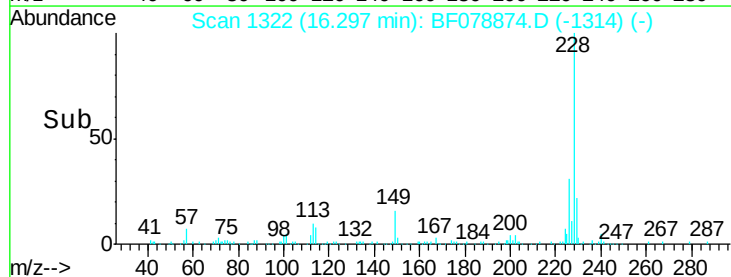
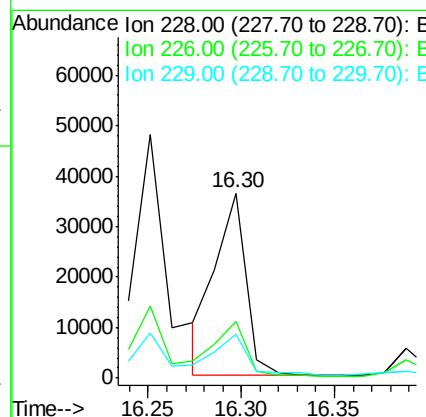
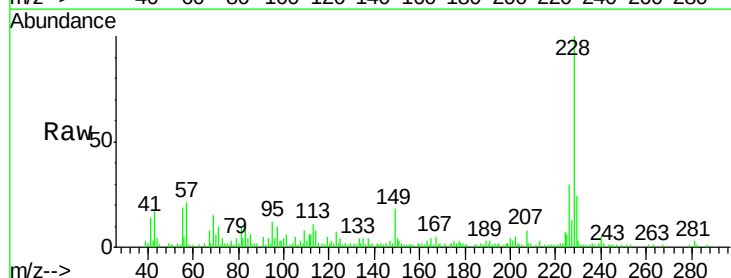
Manual Integrations
APPROVED

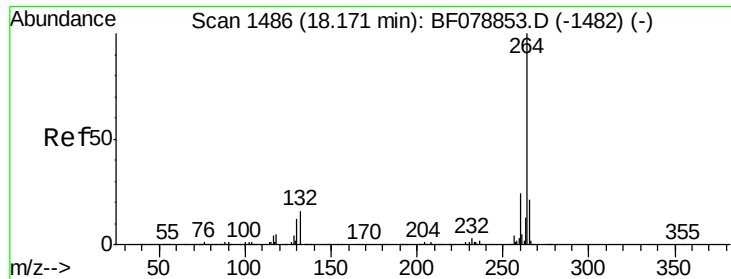
apatel
5/1/2015 4:45:16 PM



#82
Chrysene
Concen: 2.33 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		41845		
226	30.5		24.9	37.3	
229	23.8		16.0	24.0	





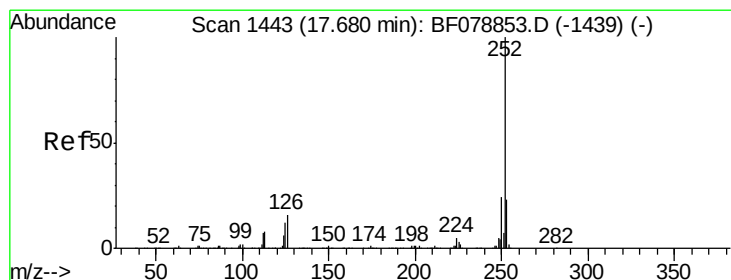
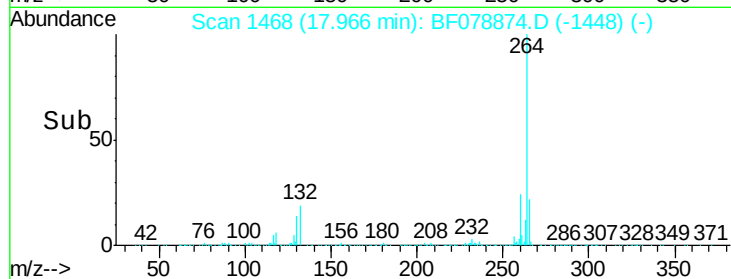
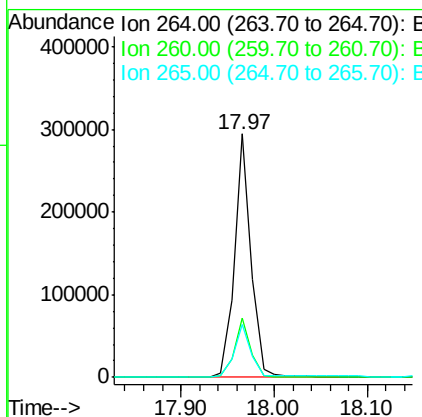
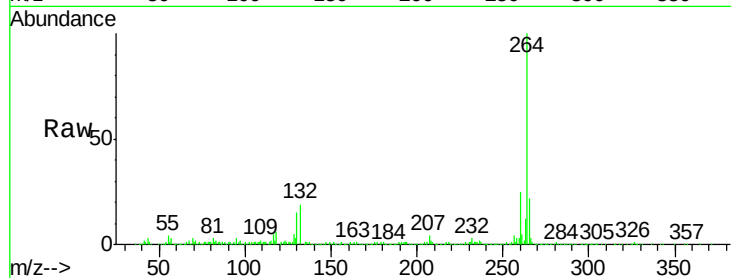
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.97 min Scan# 1468
Delta R.T. -0.07 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Instrument :
BNA_F
ClientSampleId :
B1(0-2)

Tot Ion:	264	Resp:	366448
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	21.8	18.3	27.5

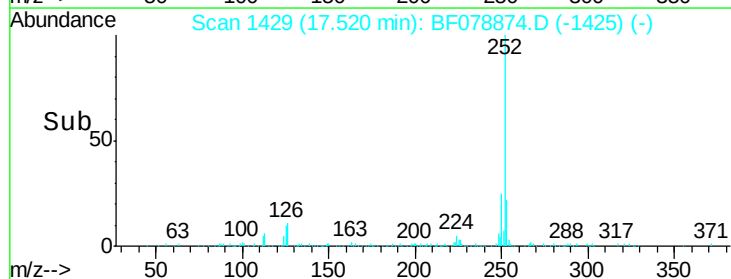
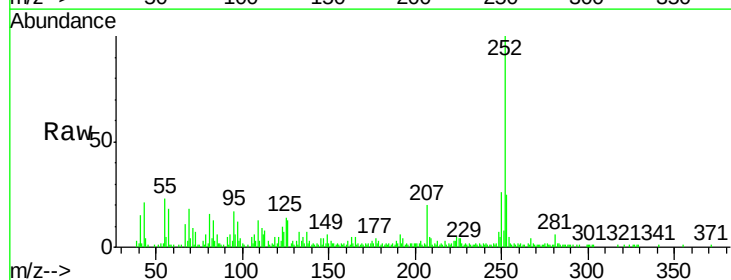
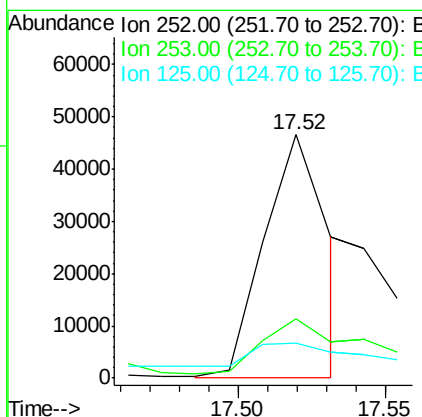
Manual Integrations
APPROVED

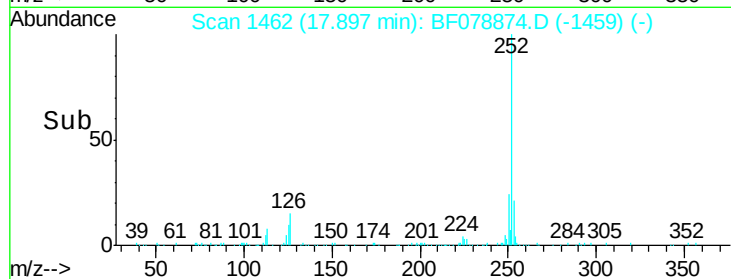
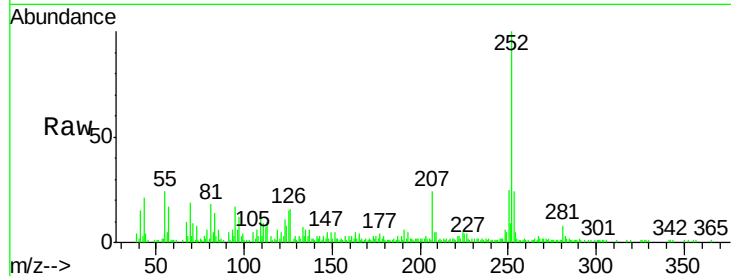
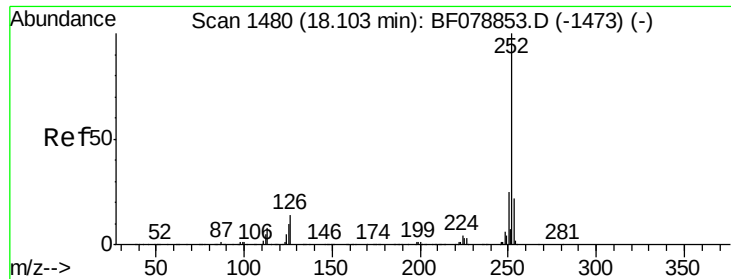
apatel
5/1/2015 4:45:16 PM



#87
Benzo(b)fluoranthene
Concen: 3.46 ng m
RT: 17.52 min Scan# 1429
Delta R.T. -0.06 min
Lab File: BF078874.D
Acq: 1 May 2015 3:58

Tgt Ion:	252	Resp:	69383
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.7	26.5
125	14.2	9.5	14.3





#89

Benzo(a)pyrene

Concen: 2.83 ng

RT: 17.90 min Scan# 1462

Delta R.T. -0.07 min

Lab File: BF078874.D

Acq: 1 May 2015 3:58

Instrument :

BNA_F

ClientSampleId :

B1(0-2)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	17.3	25.9
125	15.3	7.0	10.6

Manual Integrations
APPROVED

apatel
5/1/2015 4:45:16 PM

