

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
 Data File : BF077241.D
 Acq On : 10 Feb 2015 18:41
 Operator : TP/IZ
 Sample : G1254-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10B

Manual Integrations
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Quant Time: Feb 11 03:05:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	40480	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	175742	20.00	ng	0.01
38) Acenaphthene-d10	14.63	164	98615	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	161905	20.00	ng	0.00
75) Chrysene-d12	21.01	240	148236	20.00	ng	0.00
86) Perylene-d12	22.66	264	141442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.61	112	140849	57.21	ng	0.02
7) Phenol-d6	7.02	99	186432	60.03	ng	0.01
23) Nitrobenzene-d5	8.90	82	100788	31.77	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	33257	41.55	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	227953	35.18	ng	0.00
78) Terphenyl-d14	19.76	244	226175	35.13	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	14513	2.08	ng	99
70) Phenanthrene	17.54	178	65696	6.51	ng	99
74) Fluoranthene	19.20	202	71676	6.93	ng	99
77) Pyrene	19.48	202	62578	6.16	ng	# 94
80) Benzo(a)anthracene	21.00	228	31502	3.39	ng	96
82) Chrysene	21.05	228	26637	3.14	ng	94
87) Benzo(b)fluoranthene	22.25	252	34687m	3.64	ng	
89) Benzo(a)pyrene	22.59	252	21353	2.54	ng	# 92

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

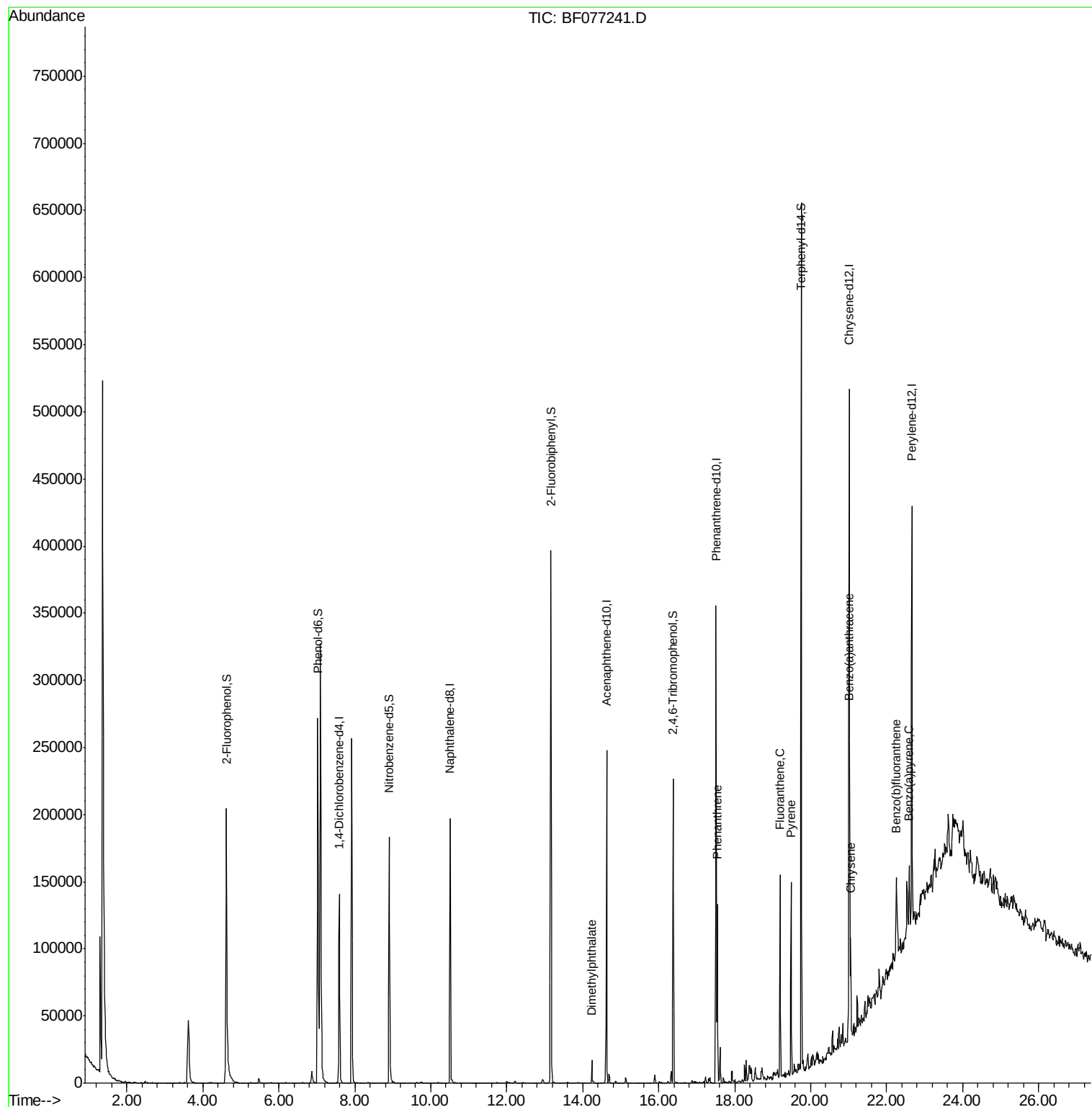
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
Data File : BF077241.D
Acq On : 10 Feb 2015 18:41
Operator : TP/IZ
Sample : G1254-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

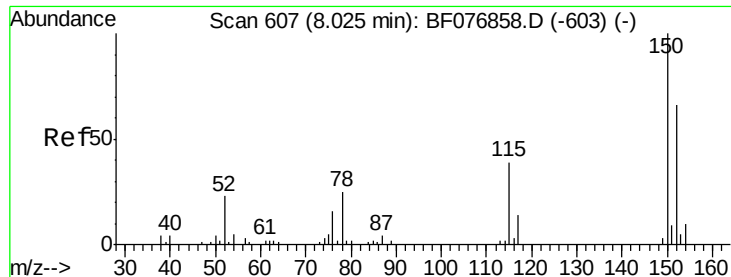
Instrument :
BNA_F
ClientSampleId :
UB10B

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Quant Time: Feb 11 03:05:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration





#1

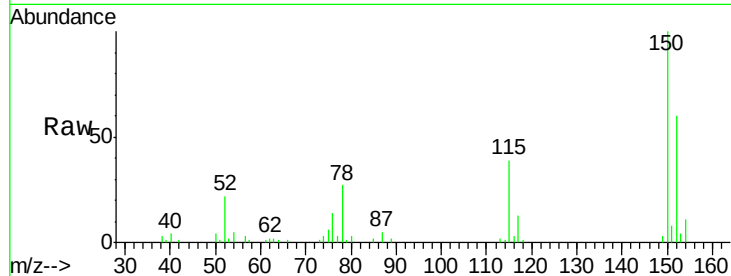
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Instrument :
BNA_F
ClientSampled :
UB10B

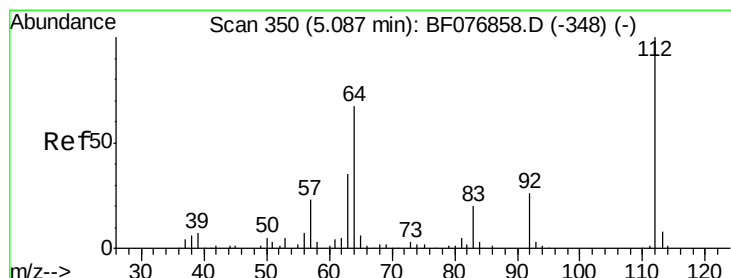
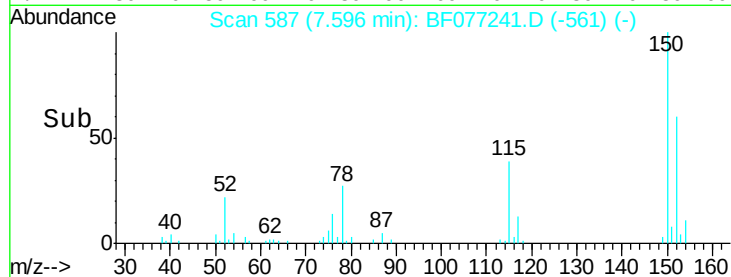
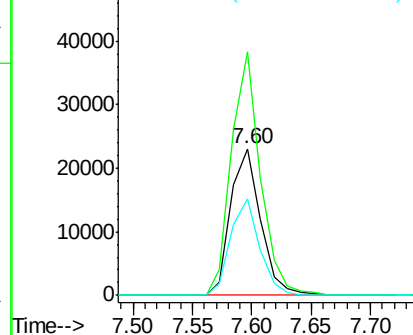
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.0	121.7	182.5
115	65.6	47.0	70.6

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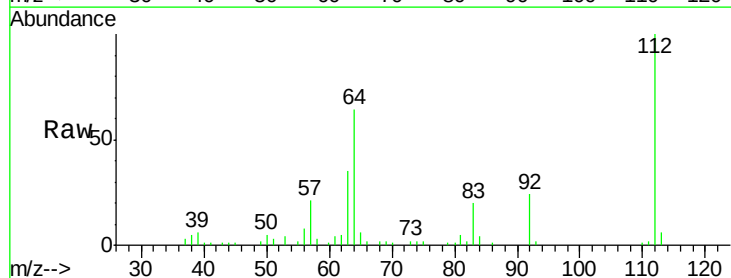
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



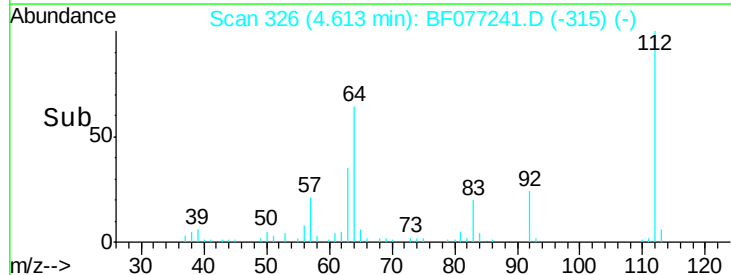
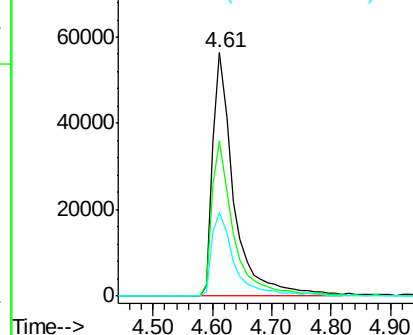
#5

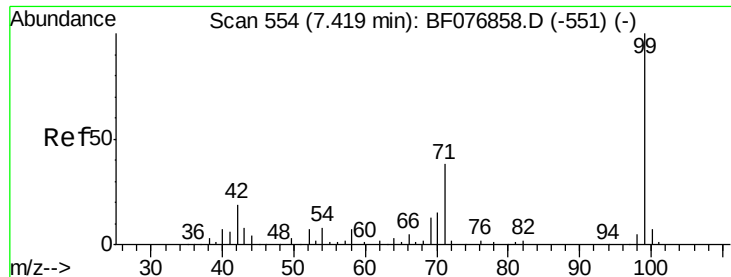
2-Fluorophenol
Concen: 57.21 ng
RT: 4.61 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	54.2	81.4
63	34.5	28.4	42.6



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: 60.03 ng

RT: 7.02 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

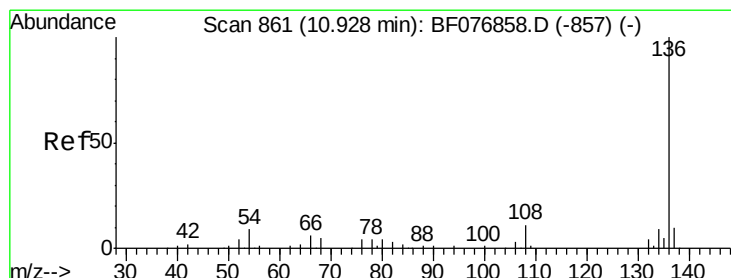
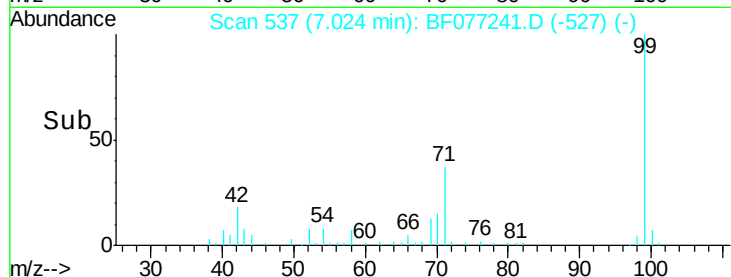
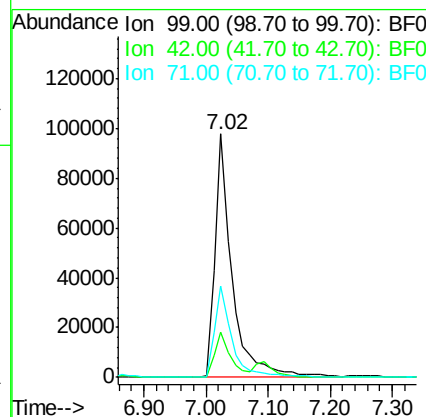
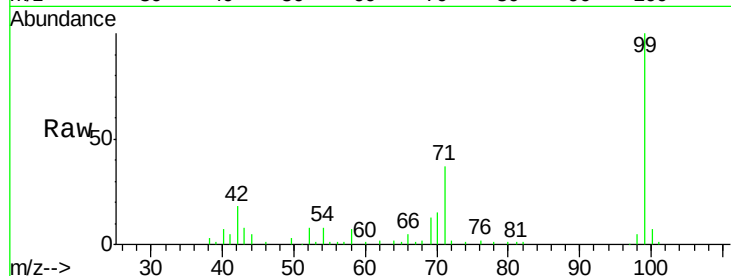
ClientSampleId :

UB10B

Tot Ion:	99	Resp:	186432
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.0	22.4
71	37.4	30.5	45.7

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#21

Naphthalene-d8

Concen: 20.00 ng

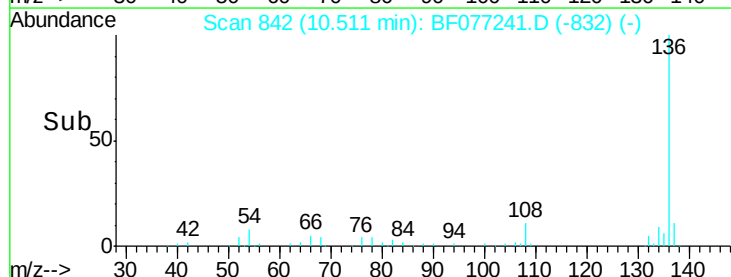
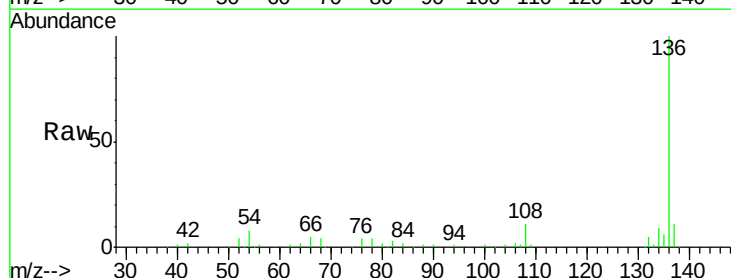
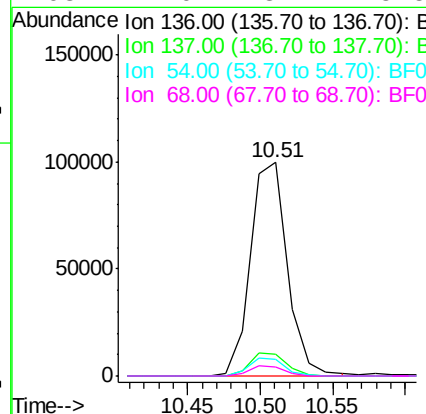
RT: 10.51 min Scan# 842

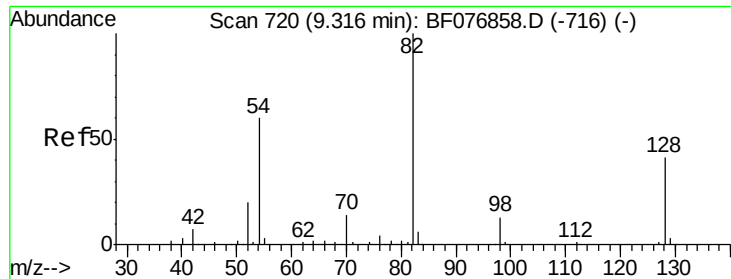
Delta R.T. 0.01 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Tgt Ion:	136	Resp:	175742
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.1	12.1
54	7.9	7.0	10.4
68	4.0	3.7	5.5





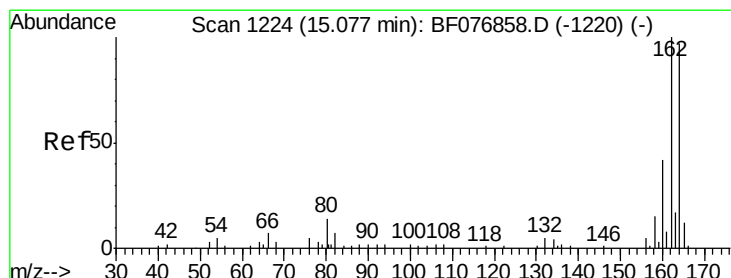
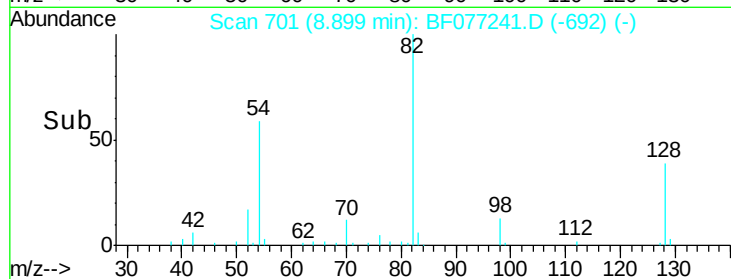
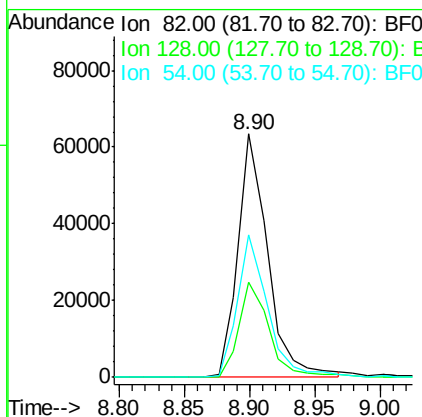
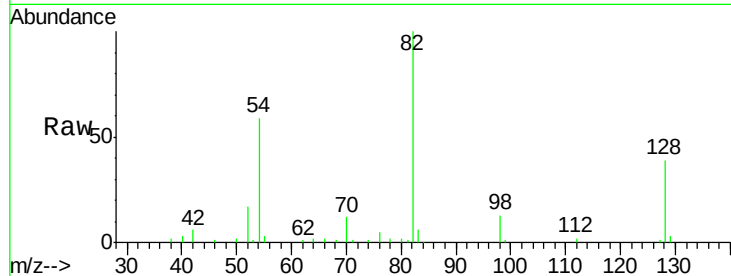
#23
 Nitrobenzene-d5
 Concen: 31.77 ng
 RT: 8.90 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.1	49.7
54	58.6	48.3	72.5

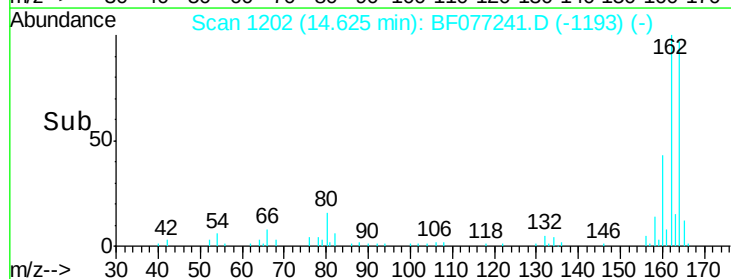
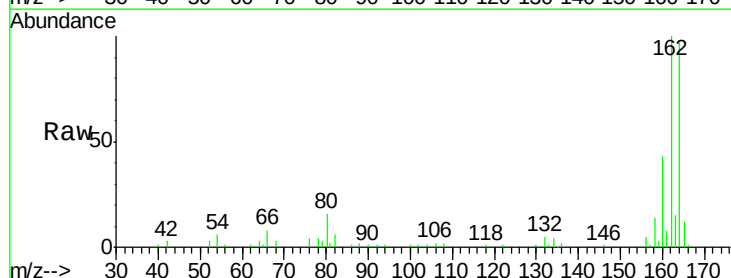
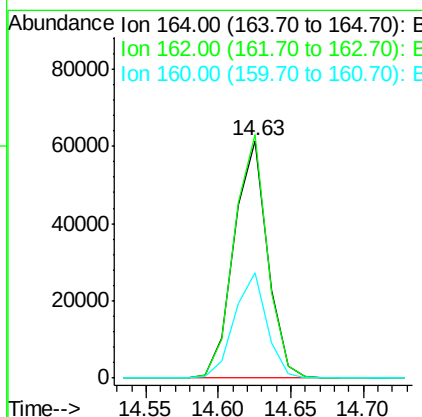
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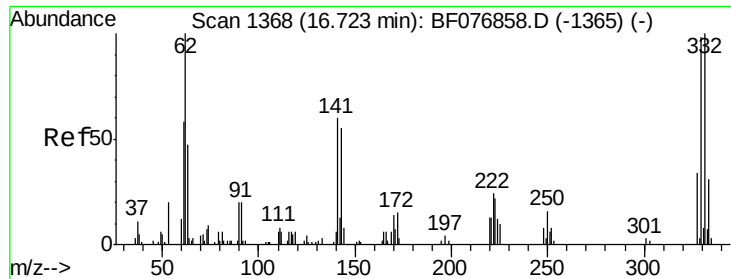
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.4	123.6
160	44.6	34.8	52.2





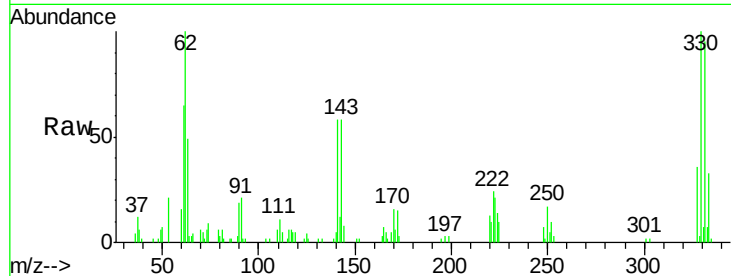
#41
 2,4,6-Tribromophenol
 Concen: 41.55 ng
 RT: 16.37 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Instrument :
 BNA_F
 ClientSampled :
 UB10B

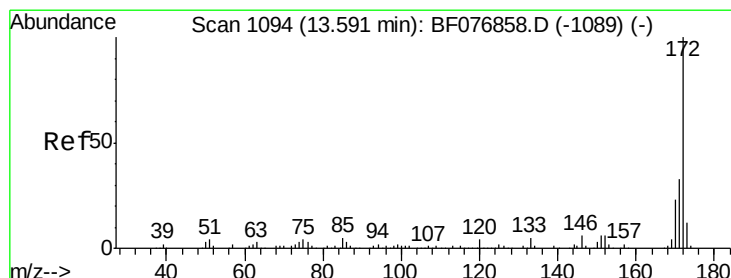
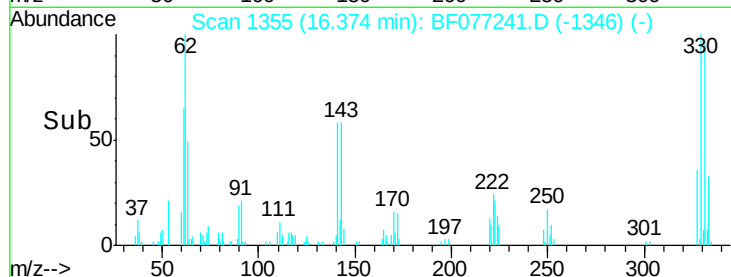
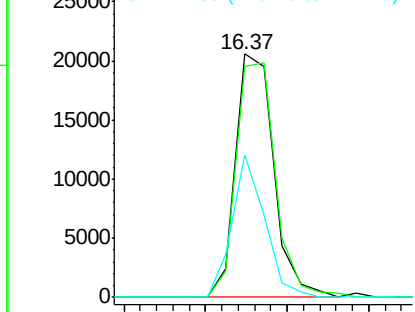
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.0	77.8	116.6	
141	49.9	38.5	57.7	

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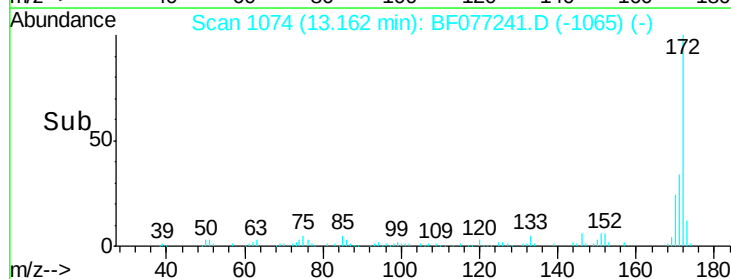
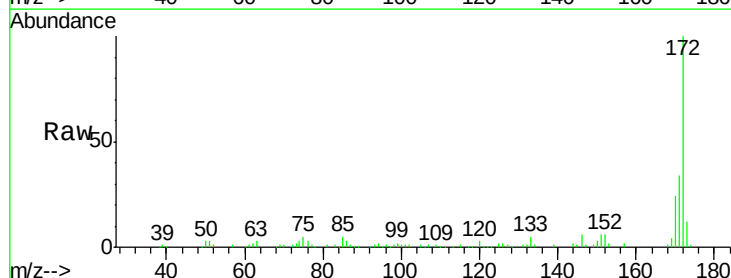
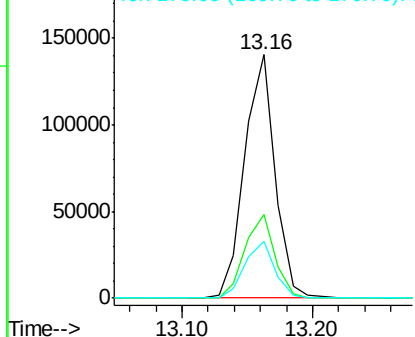
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

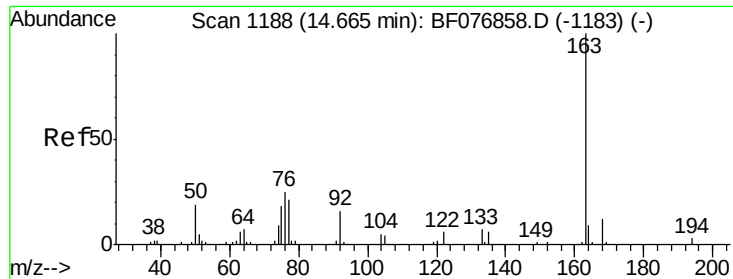


#44
 2-Fluorobiphenyl
 Concen: 35.18 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	26.6	40.0	
170	23.5	18.0	27.0	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





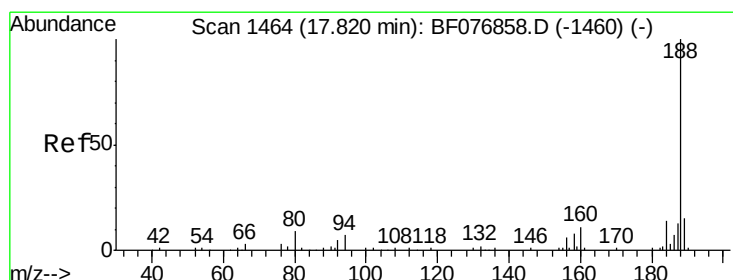
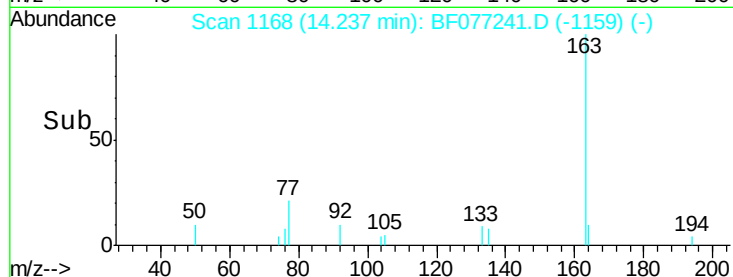
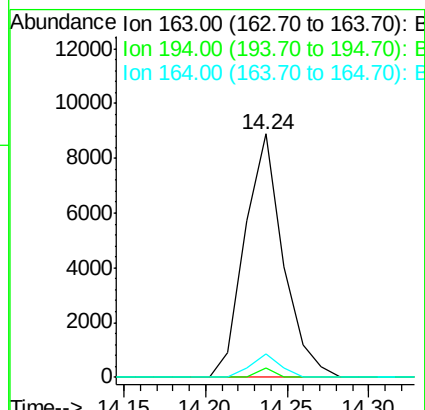
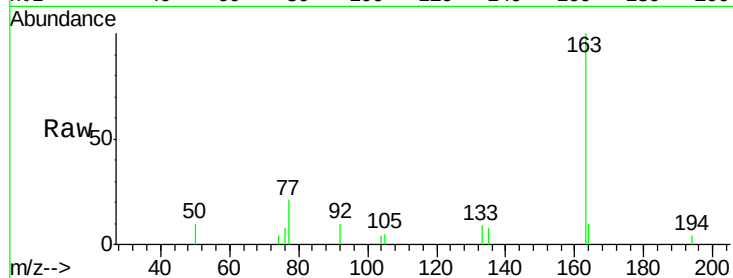
#49
Dimethylphthalate
Concen: 2.08 ng
RT: 14.24 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Instrument :
BNA_F
ClientSampleId :
UB10B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		14513		
194	3.8		2.6	4.0	
164	9.6		7.5	11.3	

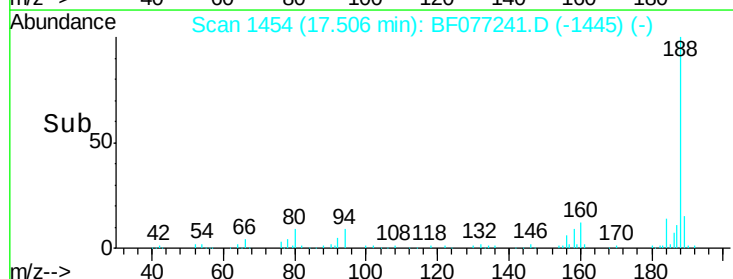
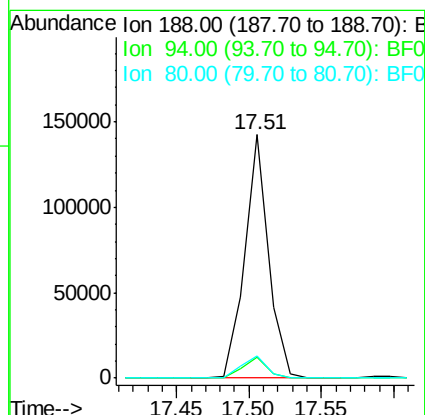
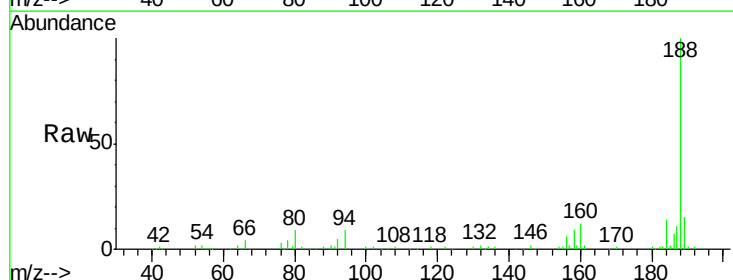
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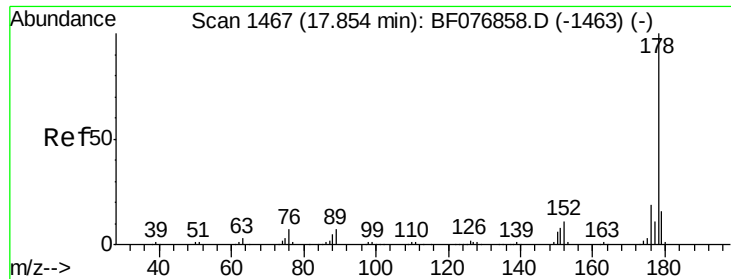
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		161905		
94	8.6		6.0	9.0	
80	9.3		6.9	10.3	





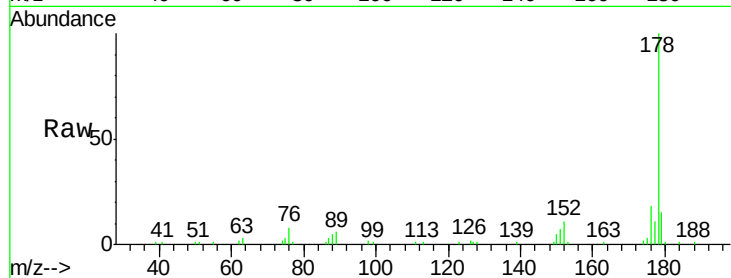
#70
Phenanthrene
Concen: 6.51 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Instrument :
BNA_F
ClientSampleId :
UB10B

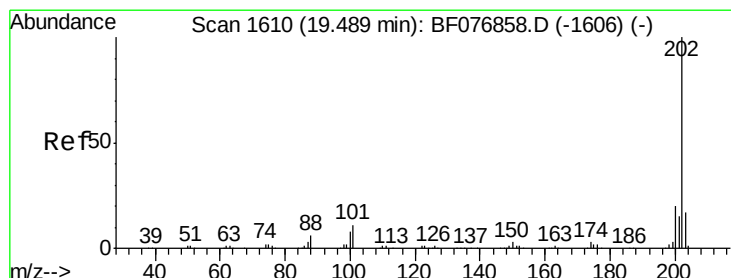
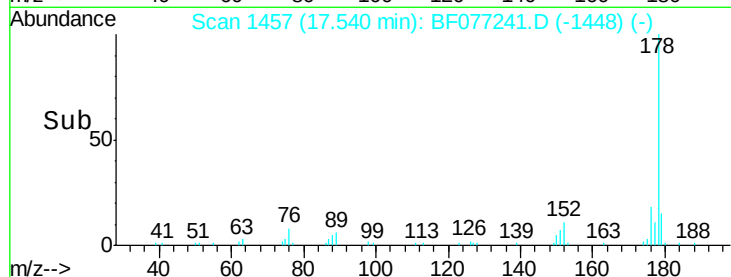
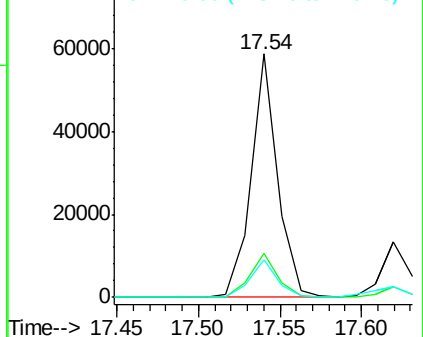
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.4	12.7	19.1

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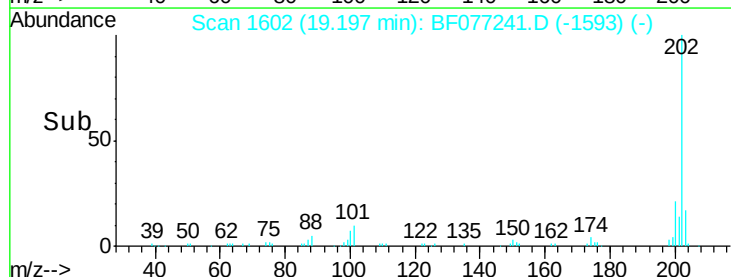
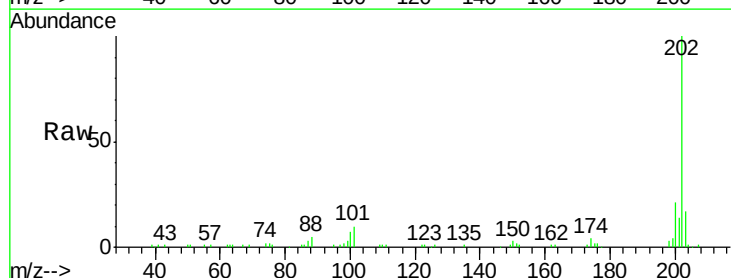
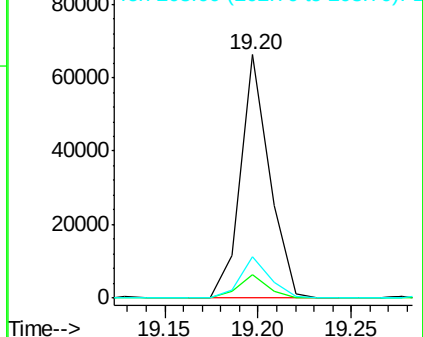
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

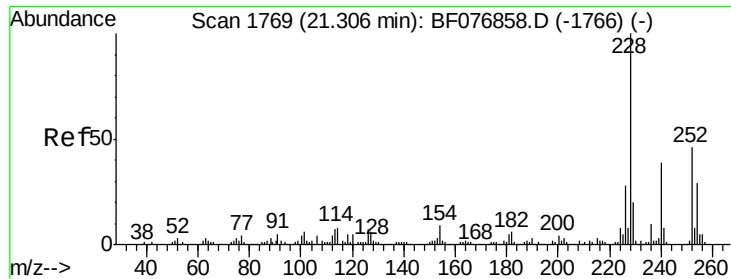


#74
Fluoranthene
Concen: 6.93 ng
RT: 19.20 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.7
203	16.8	0.0	36.9

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





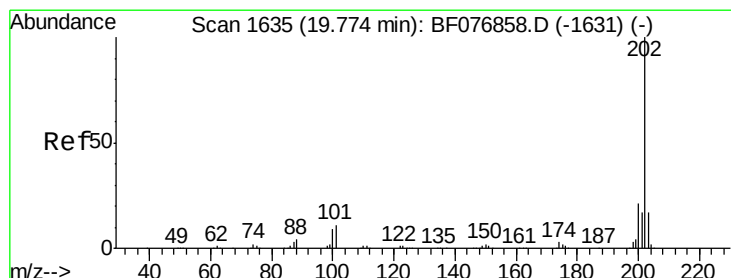
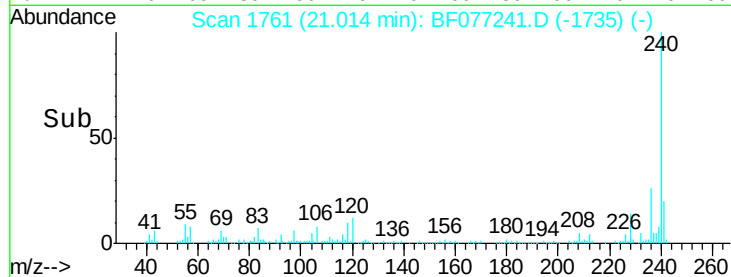
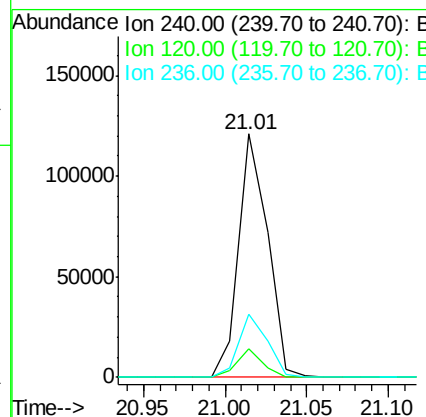
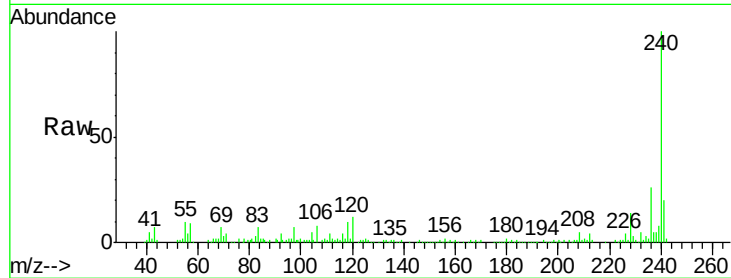
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Instrument :
BNA_F
ClientSampleId :
UB10B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	148236		
120	11.5	10.4	15.6	
236	25.9	20.2	30.2	

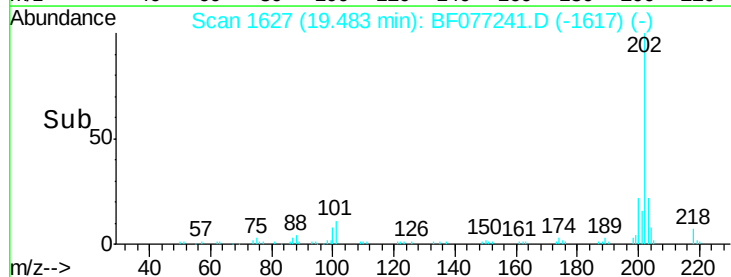
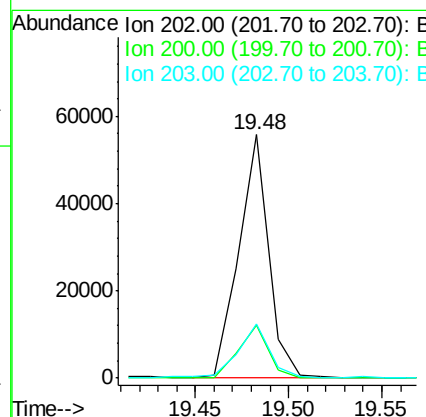
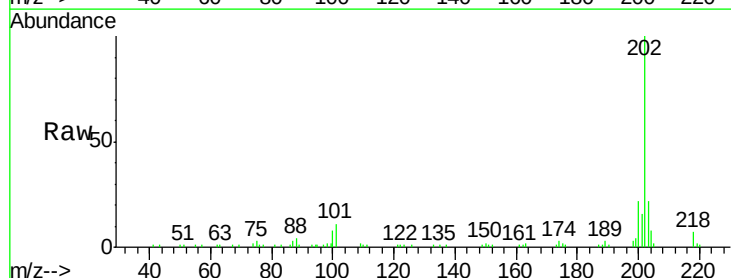
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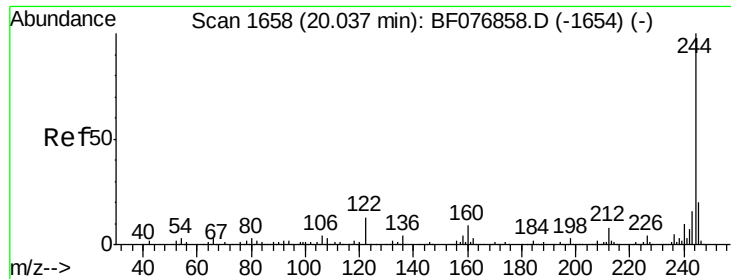
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#77
Pyrene
Concen: 6.16 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	62578		
200	21.9	16.7	25.1	
203	22.2	14.0	21.0	





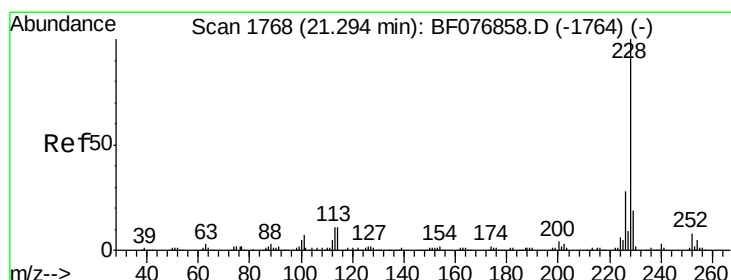
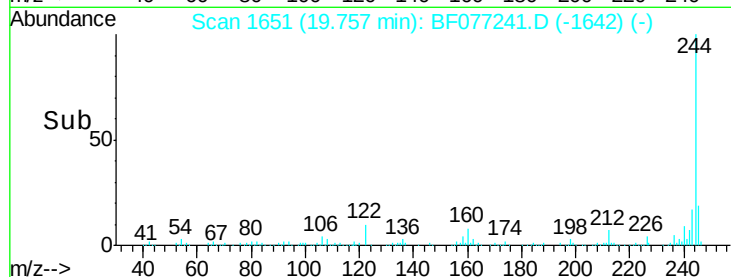
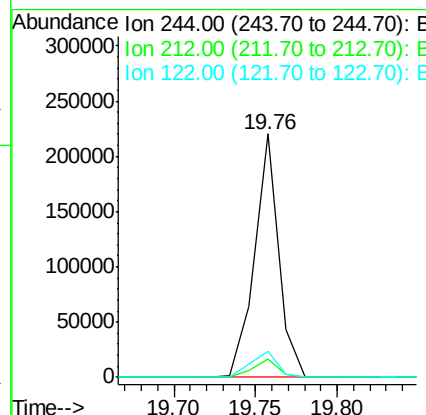
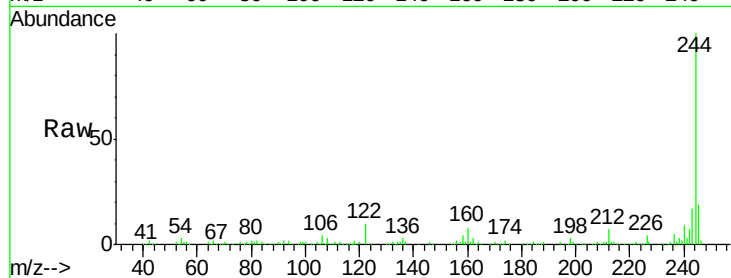
#78
 Terphenyl-d14
 Concen: 35.13 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Instrument :
 BNA_F
 ClientSampled :
 UB10B

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.5	10.1	15.1

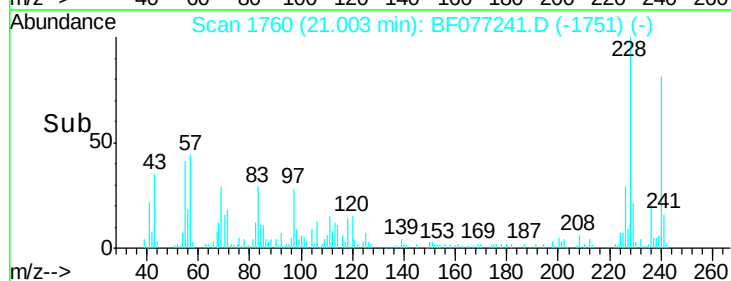
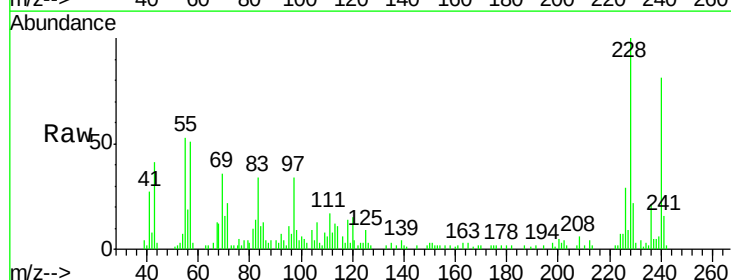
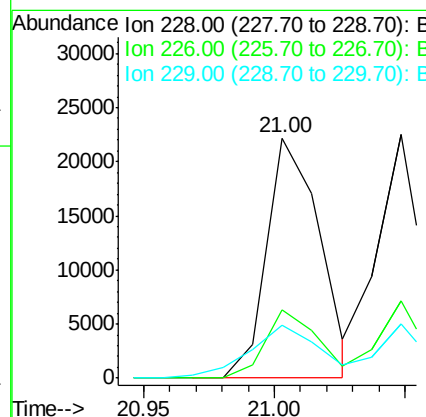
Manual Integrations
 APPROVED

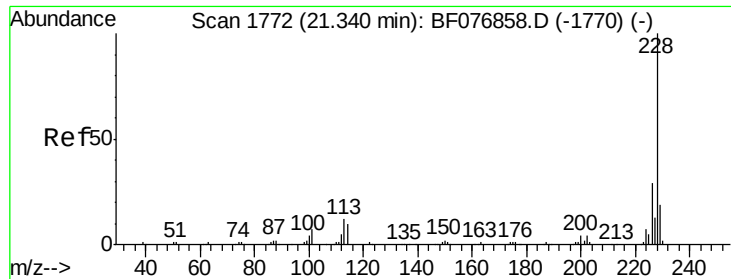
apatel
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#80
 Benzo(a)anthracene
 Concen: 3.39 ng
 RT: 21.00 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BF077241.D
 Acq: 10 Feb 2015 18:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.7	22.1	33.1
229	22.2	15.5	23.3





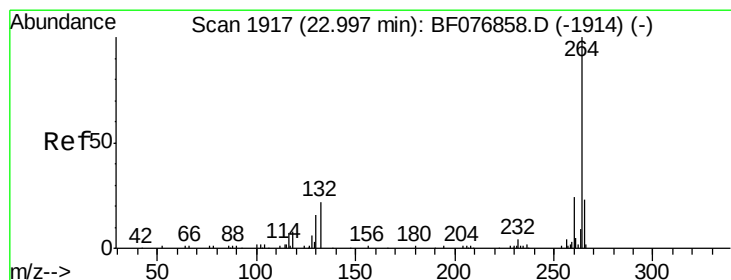
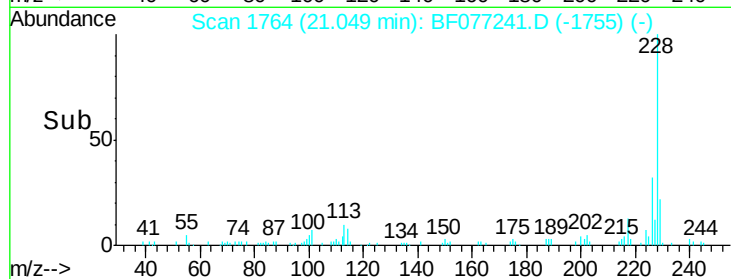
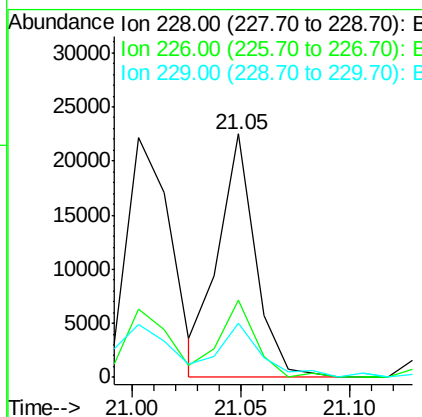
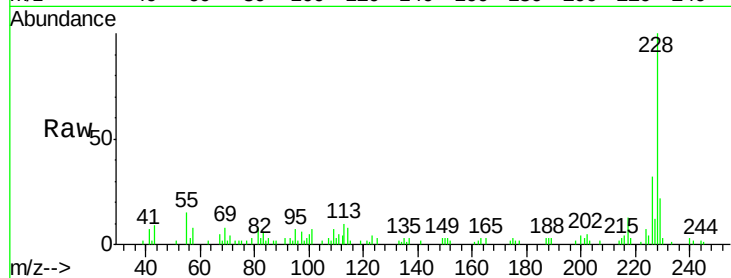
#82
Chrysene
Concen: 3.14 ng
RT: 21.05 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Instrument :
BNA_F
ClientSampleId :
UB10B

Tot Ion:	228	Resp:	26637
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.4	35.0
229	22.4	15.4	23.0

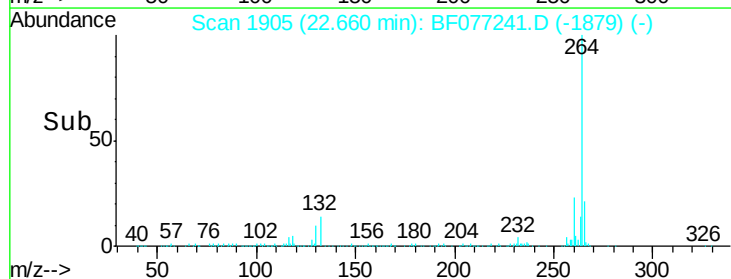
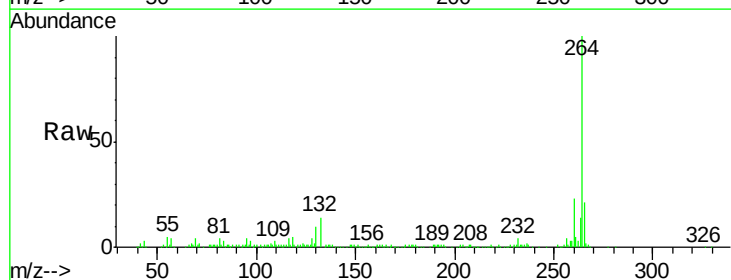
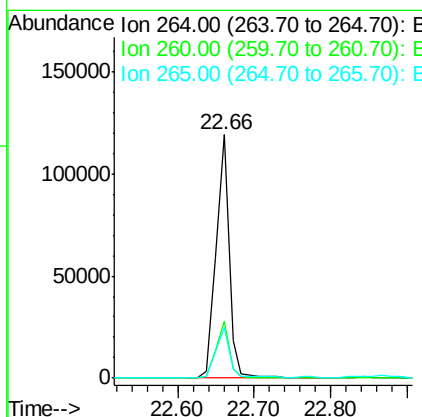
Manual Integrations
APPROVED

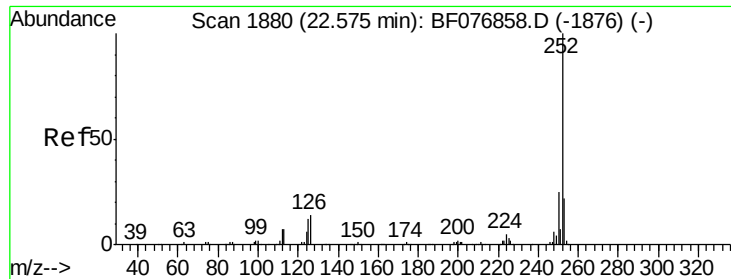
apatel
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#86
Perylene-d12
Concen: 20.00 ng
RT: 22.66 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BF077241.D
Acq: 10 Feb 2015 18:41

Tgt Ion:	264	Resp:	141442
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.0	28.4
265	20.8	18.1	27.1





#87

Benzo(b)fluoranthene

Concen: 3.64 ng/mL

RT: 22.25 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Instrument :

BNA_F

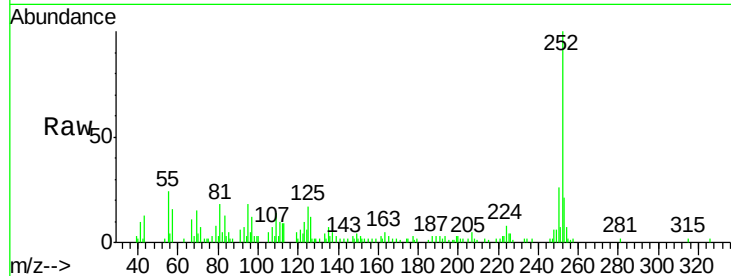
ClientSampleID :

UB10B

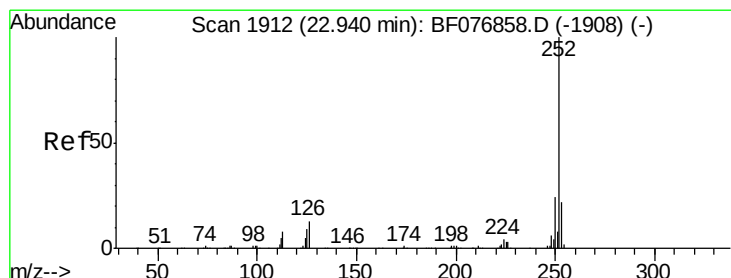
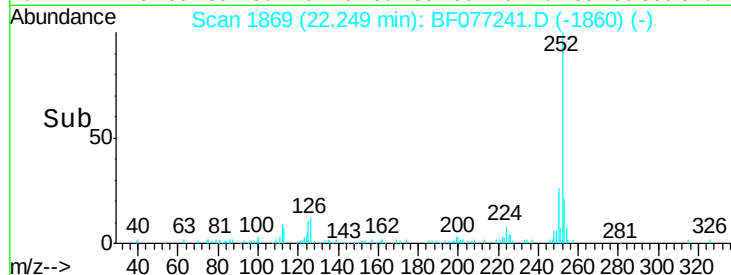
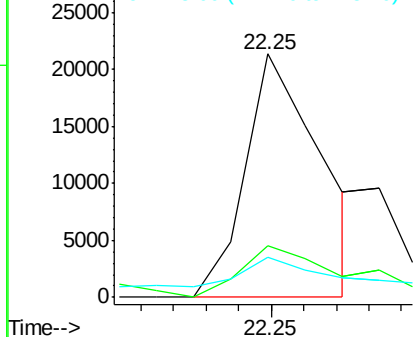
Tot Ion:	252	Resp:	34687
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.5	26.3
125	16.7	9.4	14.0

Manual Integrations
APPROVED

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2/11/2015 4:06:59 PM



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



#89

Benzo(a)pyrene

Concen: 2.54 ng/mL

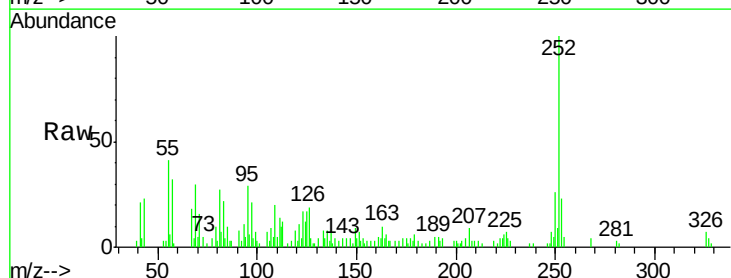
RT: 22.59 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF077241.D

Acq: 10 Feb 2015 18:41

Tgt Ion:	252	Resp:	21353
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.9	26.9
125	17.1	7.2	10.8



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

