

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078972.D
 Acq On : 6 May 2015 20:50
 Operator : TP/IZ
 Sample : G2035-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-D3

Manual Integrations
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Quant Time: May 07 02:24:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	62738	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	272226	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	136087	20.00	ng	0.01
63) Phenanthrene-d10	12.95	188	272035	20.00	ng	0.00
75) Chrysene-d12	16.25	240	303396	20.00	ng	-0.06
86) Perylene-d12	18.01	264	321868	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364306	99.96	ng	0.01
7) Phenol-d6	6.90	99	520962	108.14	ng	0.01
23) Nitrobenzene-d5	8.03	82	276841	58.45	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	154492	104.94	ng	0.01
44) 2-Fluorobiphenyl	10.27	172	560340	57.37	ng	0.00
78) Terphenyl-d14	14.95	244	644104m	50.83	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.57	122	8988	9.52	ng	91
49) Dimethylphthalate	10.78	163	32857	3.29	ng	100
70) Phenanthrene	12.98	178	69775	4.58	ng	99
74) Fluoranthene	14.49	202	114051	7.19	ng	95
77) Pyrene	14.74	202	77762m	4.45	ng	
80) Benzo(a)anthracene	16.24	228	43373	2.61	ng	96
82) Chrysene	16.29	228	63598	3.98	ng	97
87) Benzo(b)fluoranthene	17.55	252	82691m	4.69	ng	

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

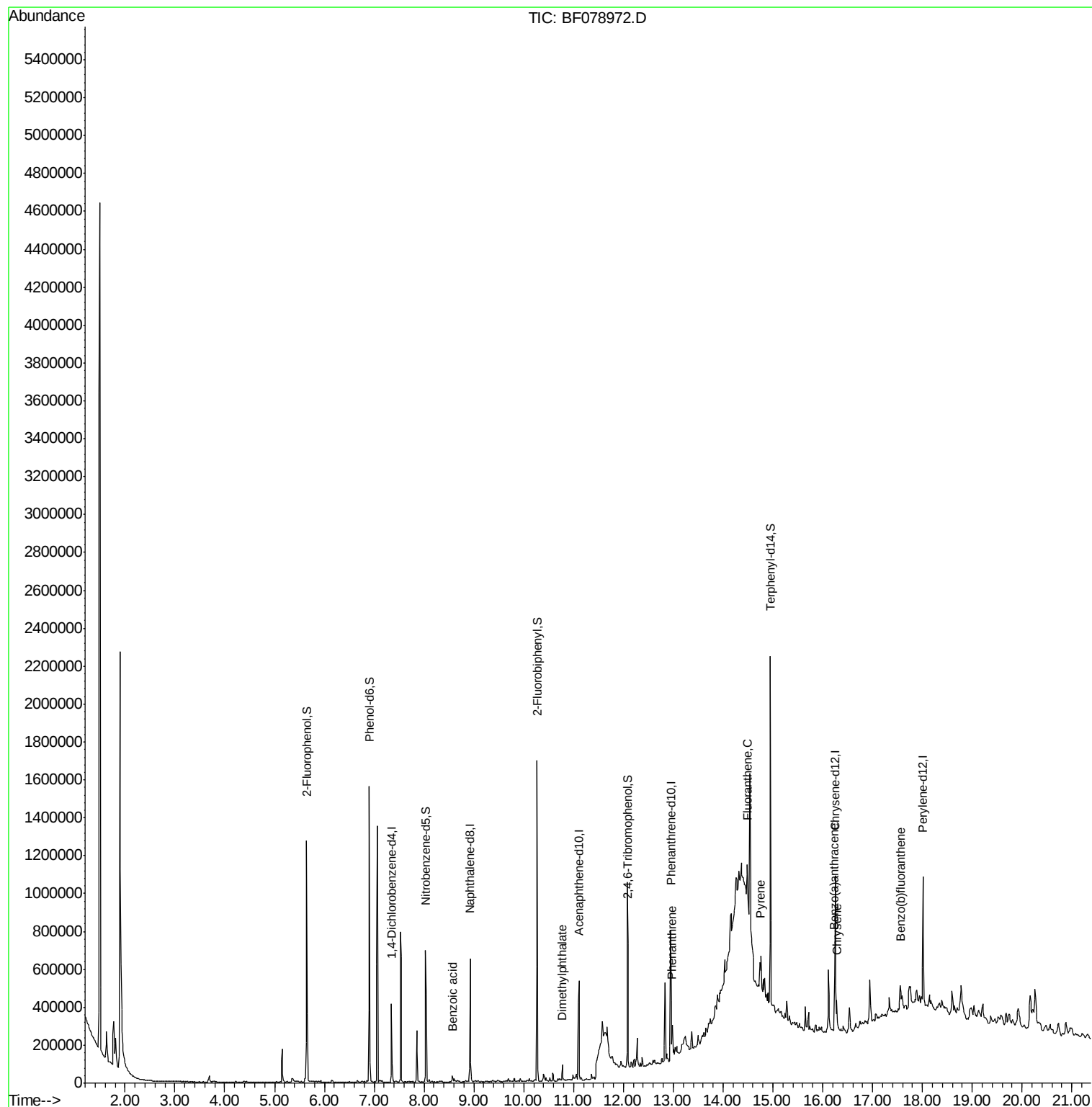
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078972.D
Acq On : 6 May 2015 20:50
Operator : TP/IZ
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#1

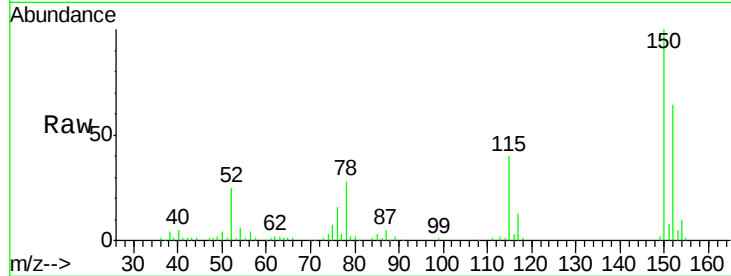
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
TP-6-D3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.0	183.0
115	62.1	46.3	69.5

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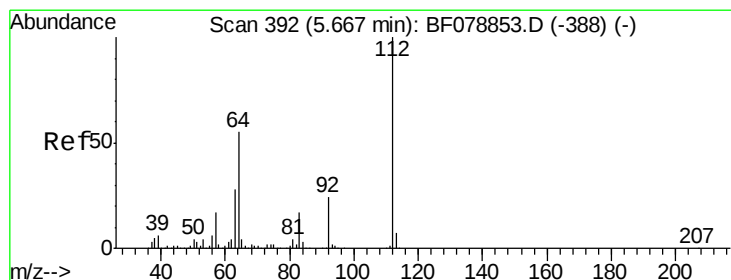
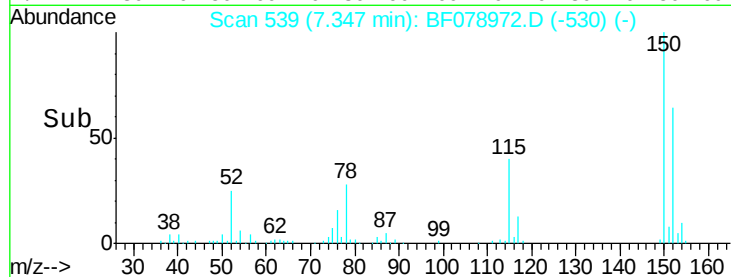
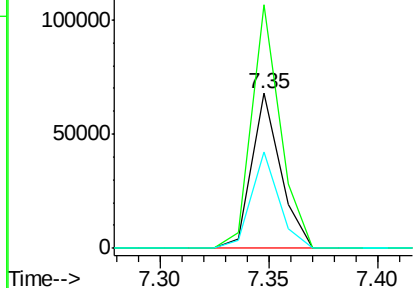


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

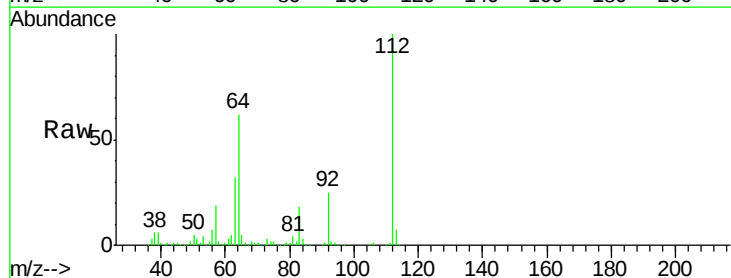
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.96 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	53.5	80.3
63	31.7	27.5	41.3

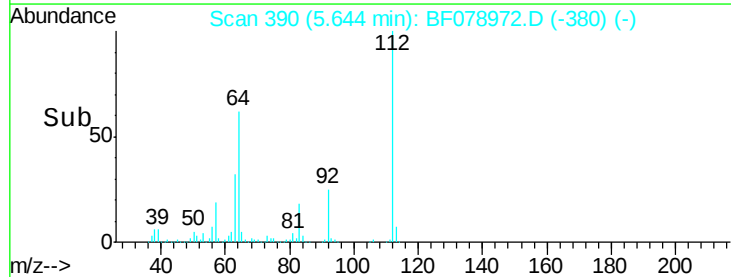
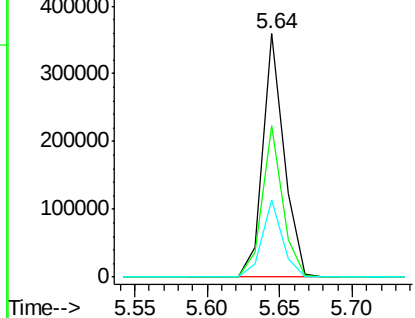


Abundance

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: 108.14 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Instrument :

BNA_F

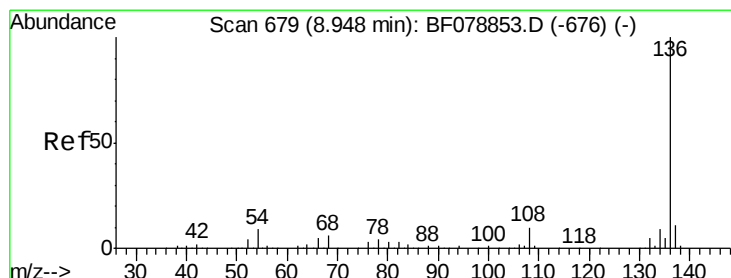
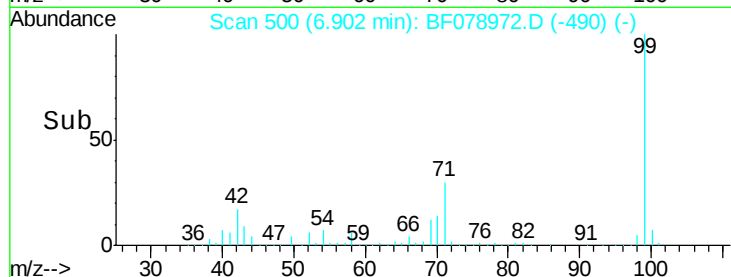
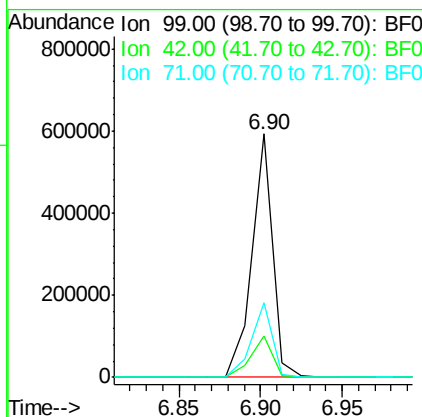
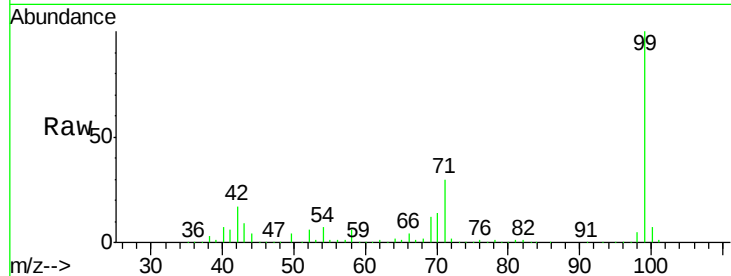
ClientSampleId :

TP-6-D3

Tot Ion:	99	Resp:	520962
Ion Ratio	Lower	Upper	
99	100		
42	17.2	12.8	19.2
71	30.5	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

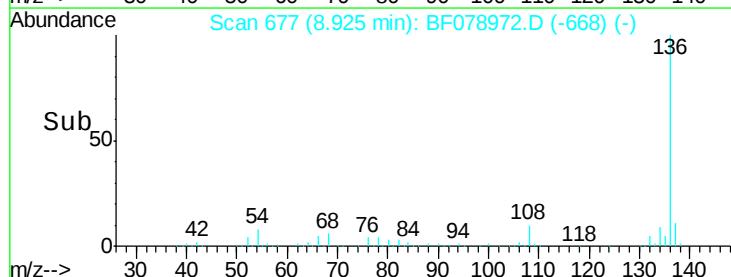
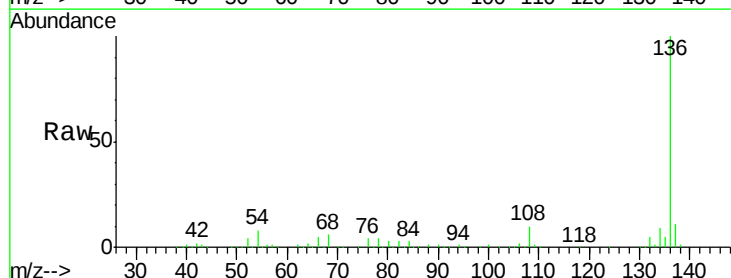
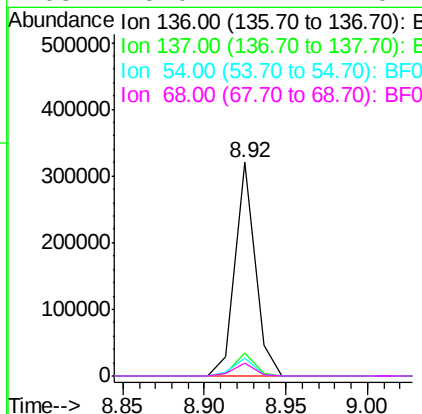
RT: 8.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Tgt Ion:	136	Resp:	272226
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	8.2	5.8	8.8
68	6.0	4.2	6.4





#23

Nitrobenzene-d5

Concen: 58.45 ng

RT: 8.03 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Instrument :

BNA_F

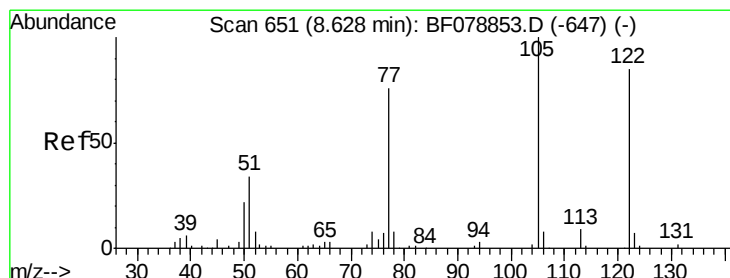
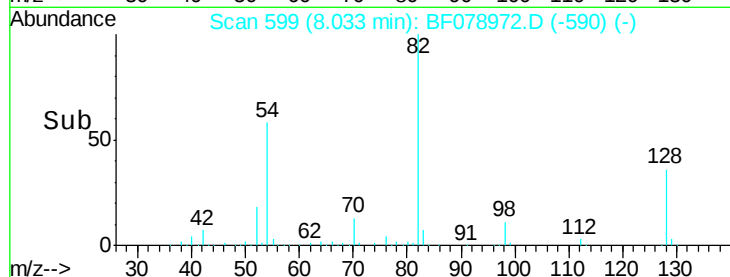
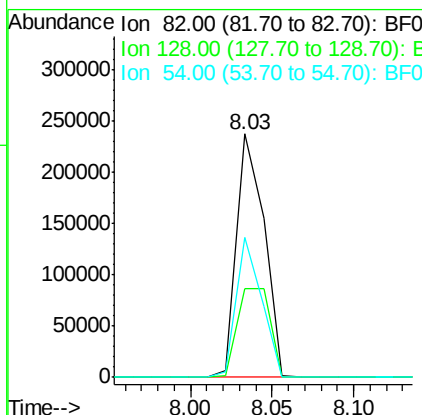
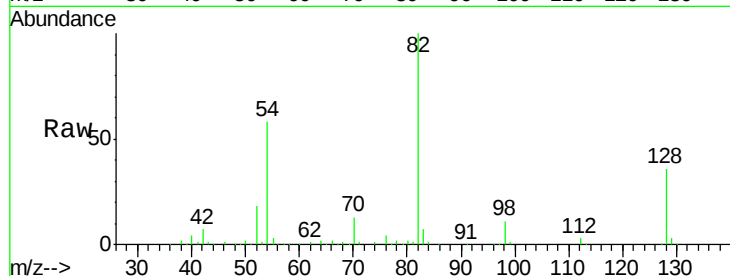
ClientSampled :

TP-6-D3

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Tot Ion:	82	Resp:	276841
Ion Ratio	Lower	Upper	
82	100		
128	36.4	30.0	45.0
54	57.7	46.4	69.6



#32

Benzoic acid

Concen: 9.52 ng

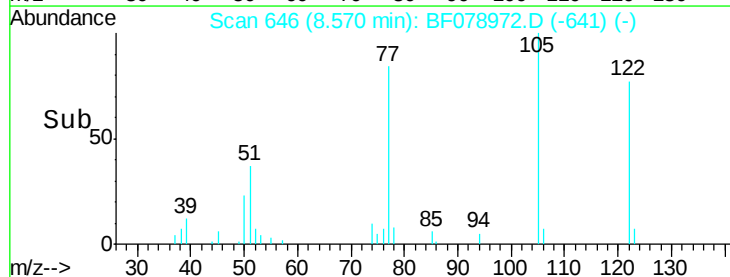
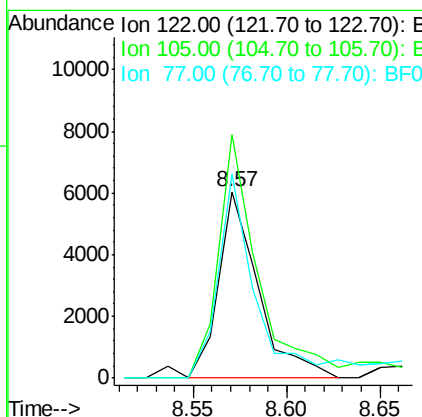
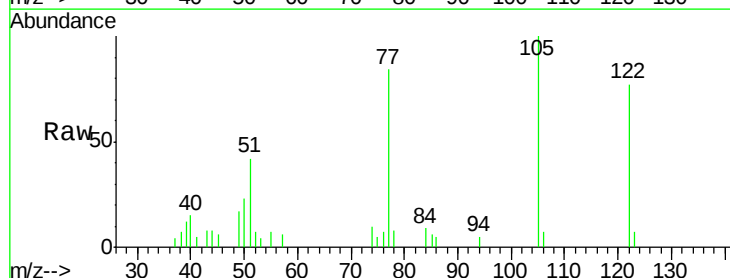
RT: 8.57 min Scan# 646

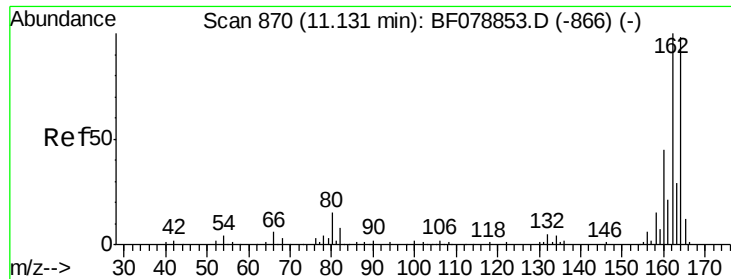
Delta R.T. -0.05 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Tgt Ion:	122	Resp:	8988
Ion Ratio	Lower	Upper	
122	100		
105	130.6	107.1	147.1
77	109.3	73.9	113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF078972.D

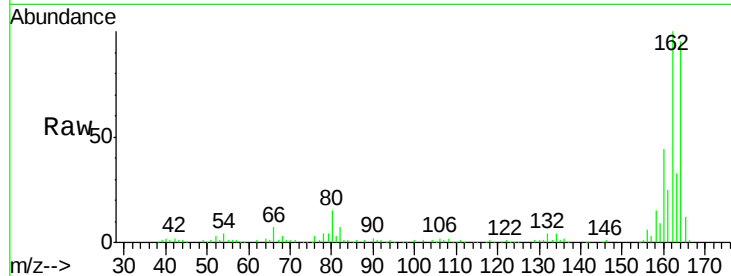
Acq: 6 May 2015 20:50

Instrument :

BNA_F

ClientSampleId :

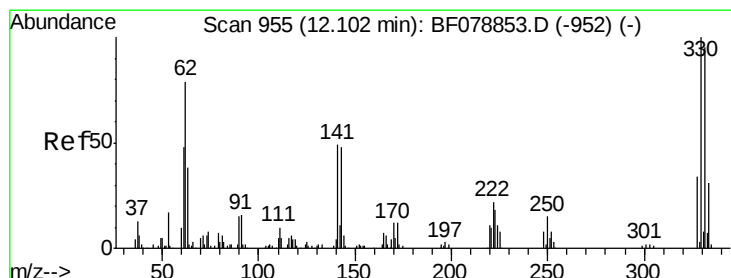
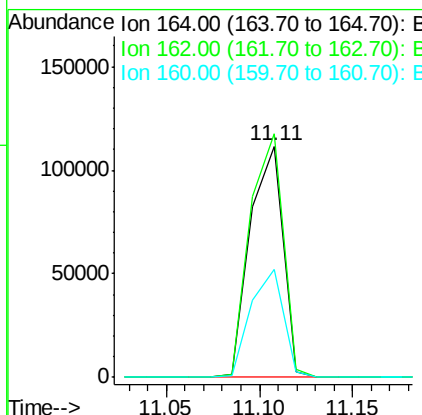
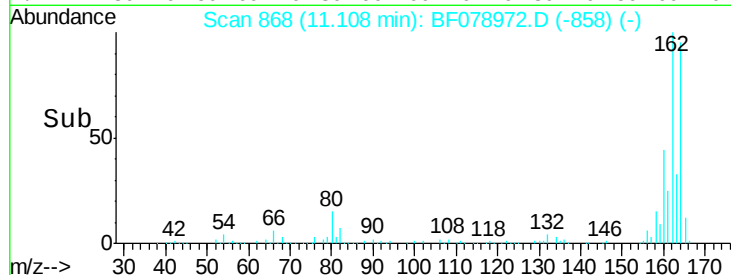
TP-6-D3



Tot Ion	164	162	160
Ratio	100	105.3	46.7
Lower		82.7	35.8
Upper		124.1	53.8

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#41

2,4,6-Tribromophenol

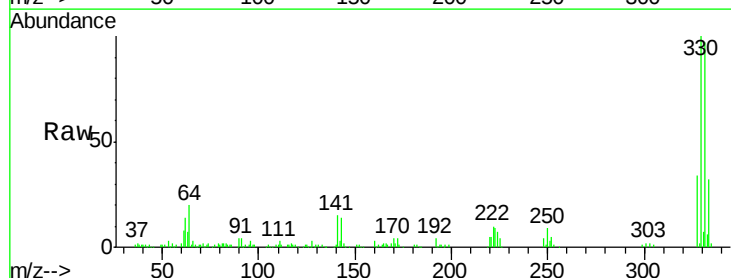
Concen: 104.94 ng

RT: 12.09 min Scan# 954

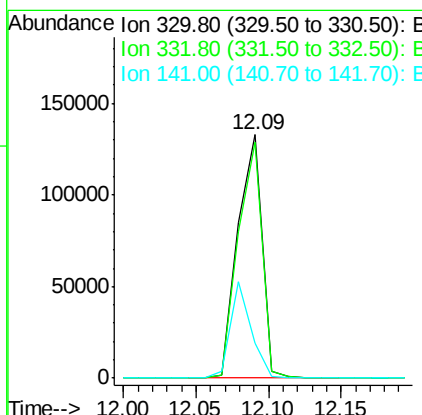
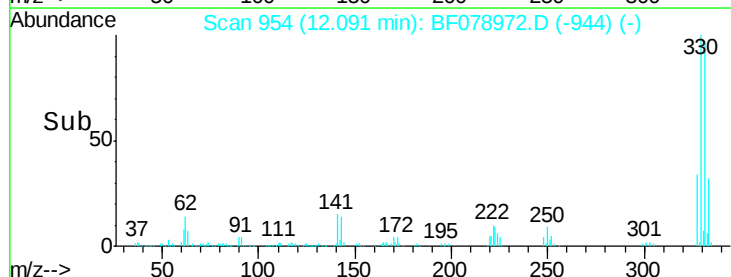
Delta R.T. 0.01 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50



Tgt Ion	330	332	141
Ratio	100	95.4	34.7
Lower		0.0	0.0
Upper		0.0#	0.0#





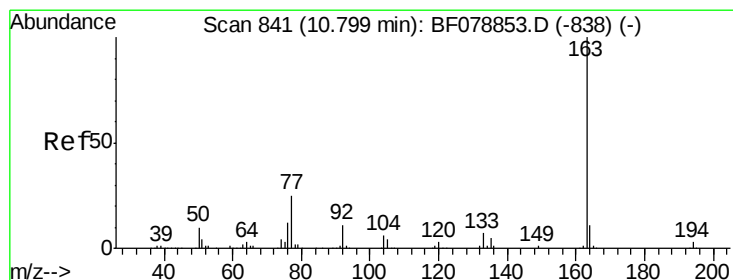
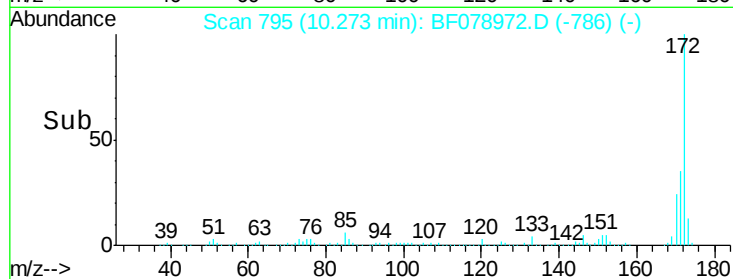
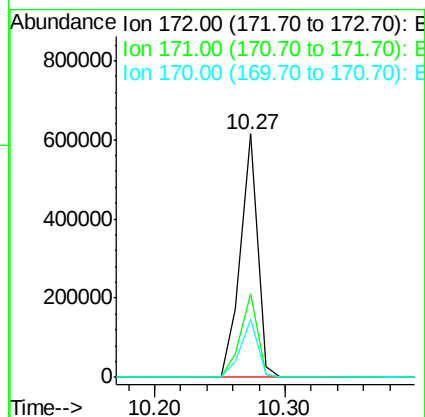
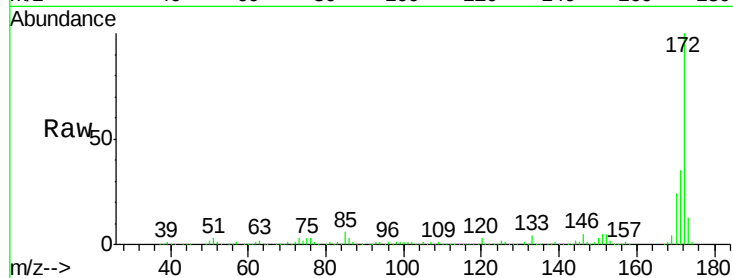
#44
2-Fluorobiphenyl
Concen: 57.37 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
TP-6-D3

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	34.6	27.9	41.9
170	24.0	19.4	29.0

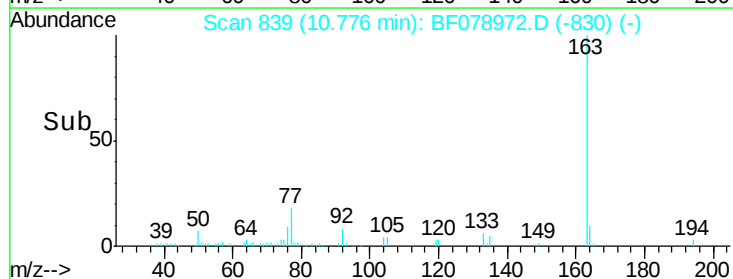
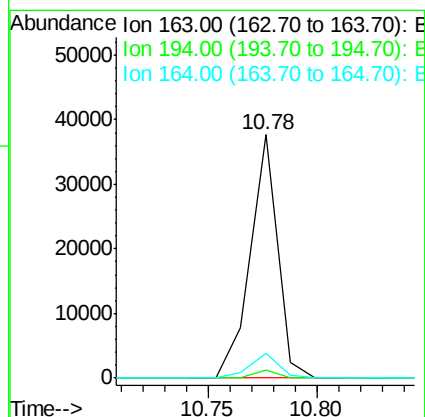
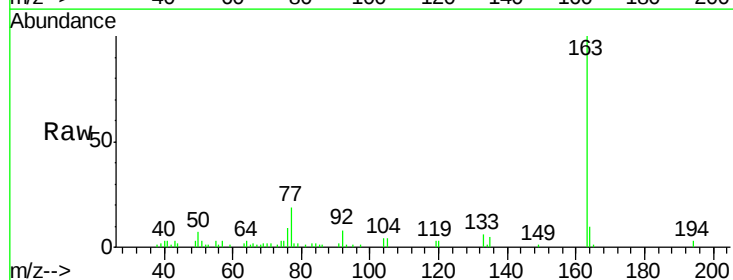
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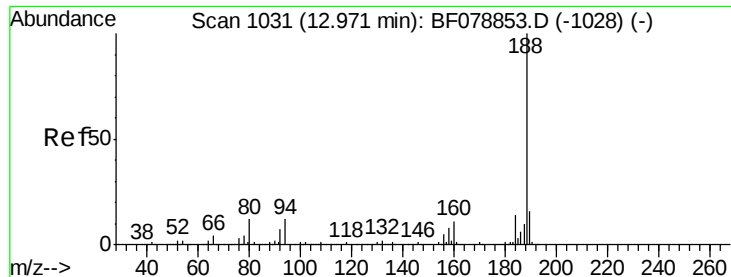
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#49
Dimethylphthalate
Concen: 3.29 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.1	12.1





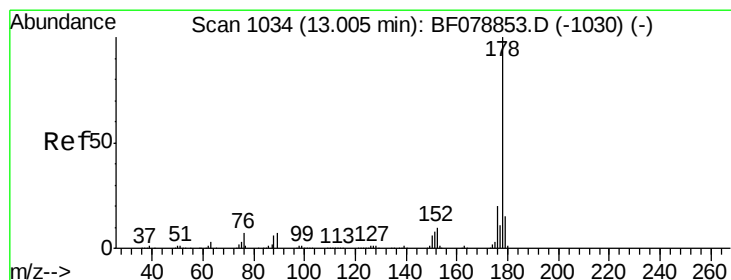
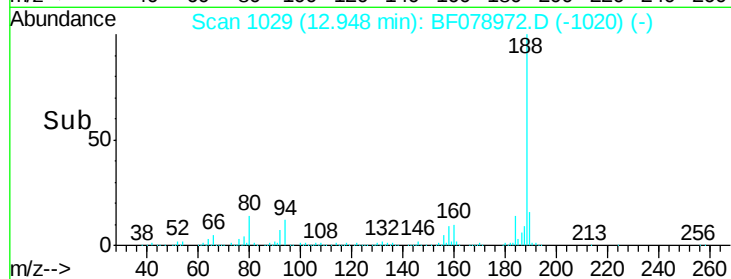
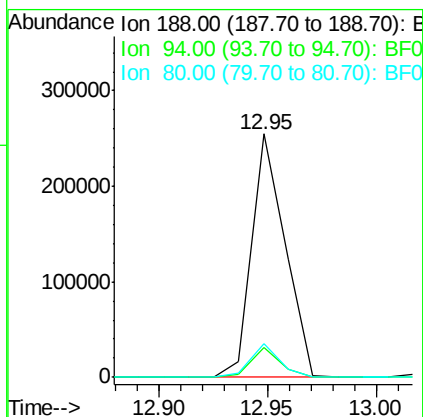
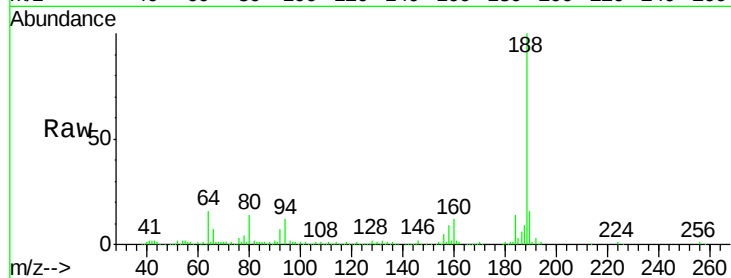
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
TP-6-D3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.2	8.2	12.2
80	13.7	8.9	13.3

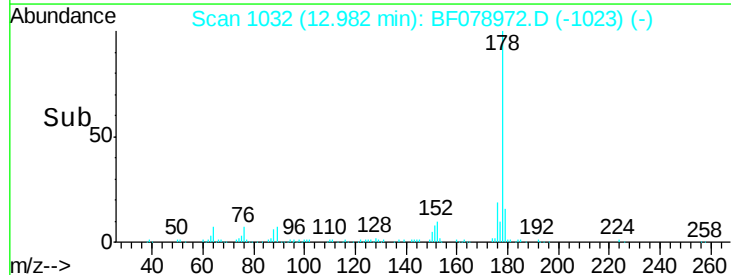
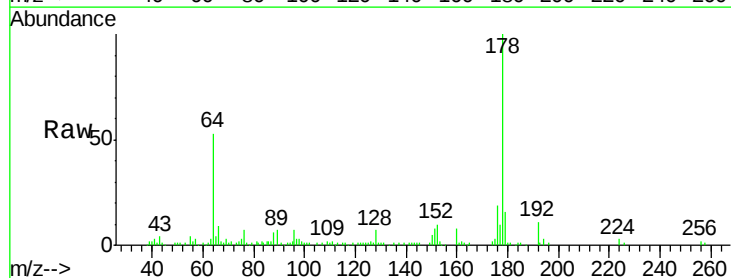
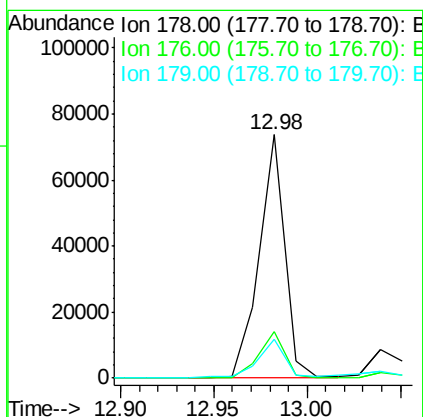
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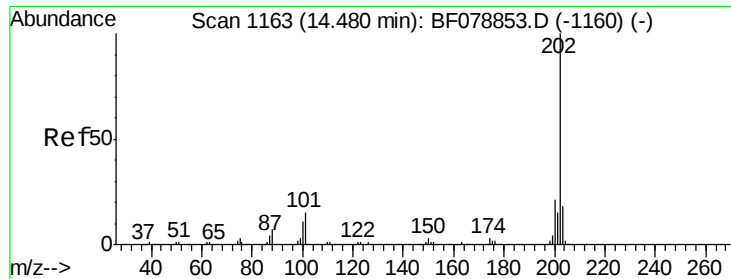
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#70
Phenanthrene
Concen: 4.58 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	12.5	18.7





#74

Fluoranthene

Concen: 7.19 ng

RT: 14.49 min Scan# 1164

Delta R.T. 0.03 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Instrument :

BNA_F

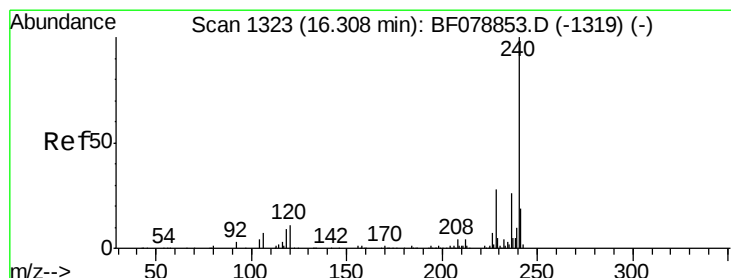
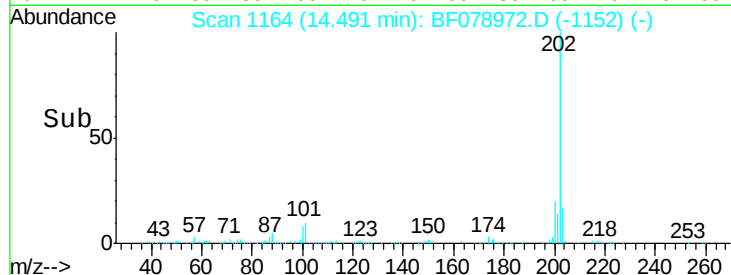
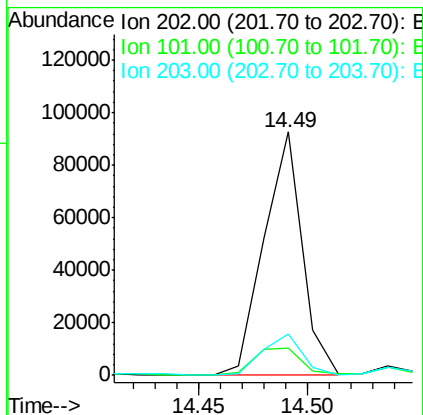
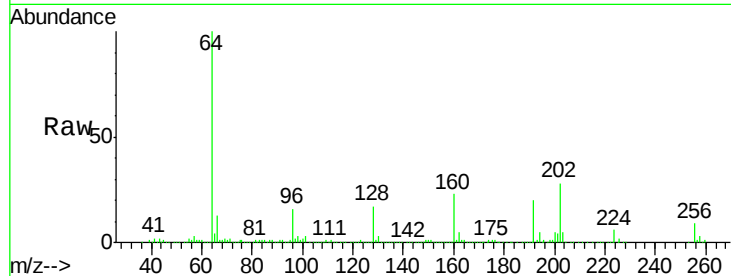
ClientSampleId :

TP-6-D3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		114051		
101	11.0	0.0	34.6		
203	17.3	0.0	38.4		

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#75

Chrysene-d12

Concen: 20.00 ng

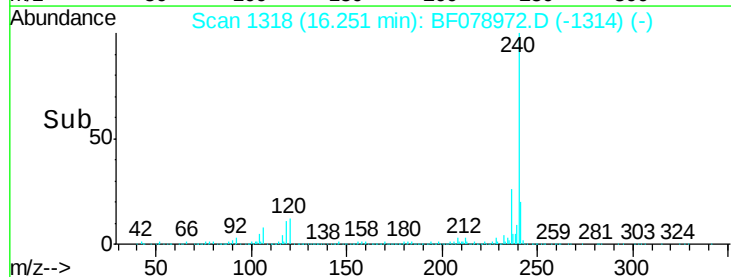
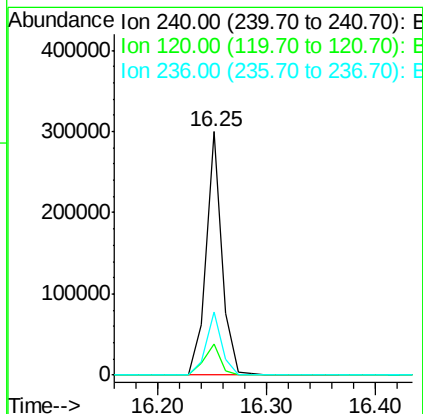
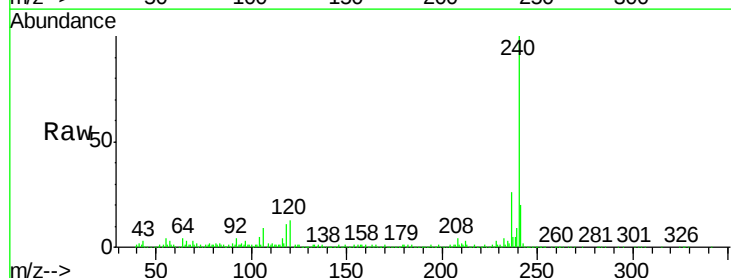
RT: 16.25 min Scan# 1318

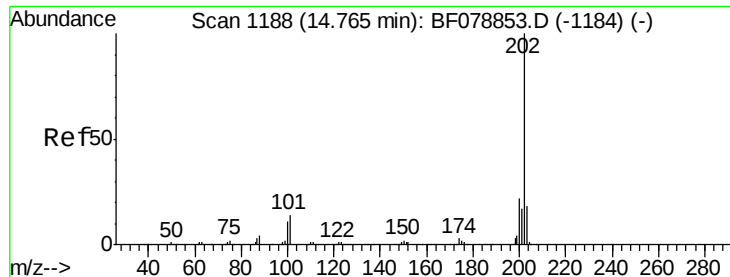
Delta R.T. -0.06 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		303396		
120	12.6	9.7	14.5		
236	25.9	20.2	30.4		





#77

Pvrene

Concen: 4.45 ng/mL

RT: 14.74 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Instrument :

BNA_F

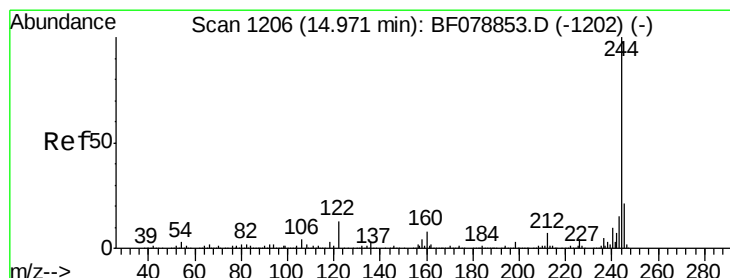
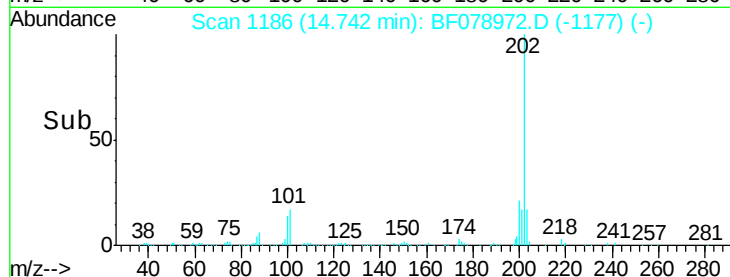
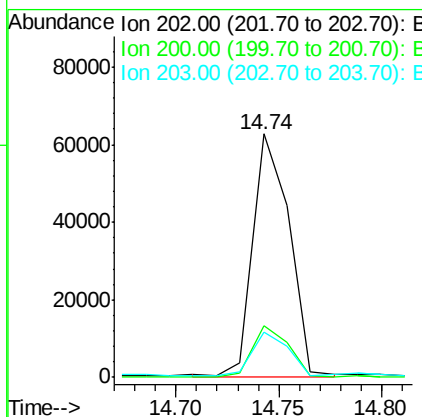
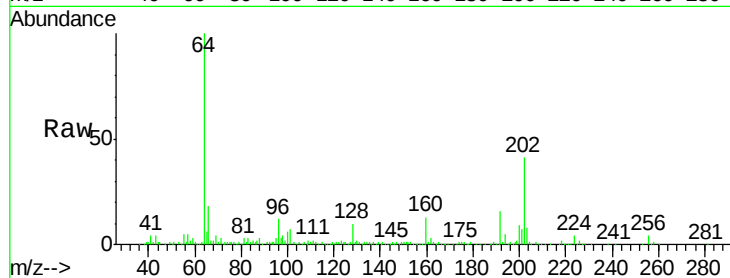
ClientSampleId :

TP-6-D3

Tot Ion:	202	Resp:	77762
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.5	26.3
203	18.4	13.9	20.9

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#78

Terphenyl-d14

Concen: 50.83 ng/mL

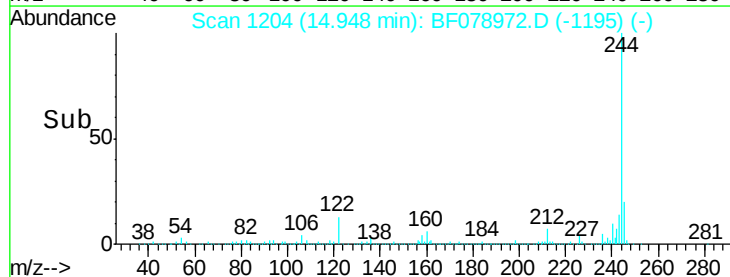
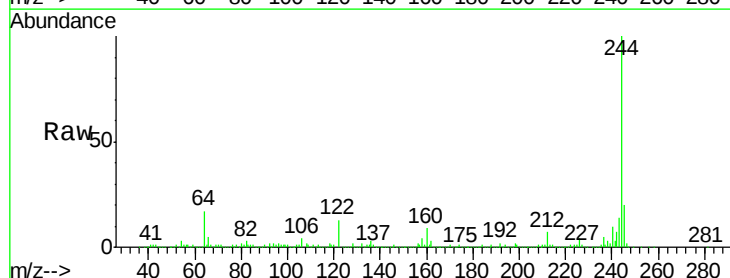
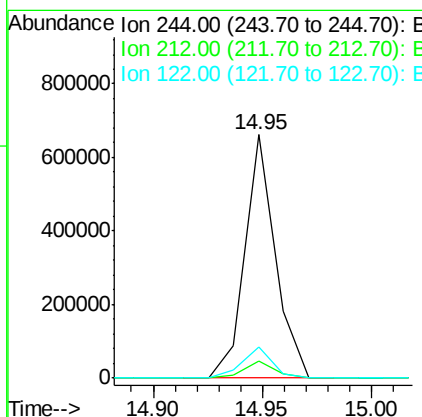
RT: 14.95 min Scan# 1204

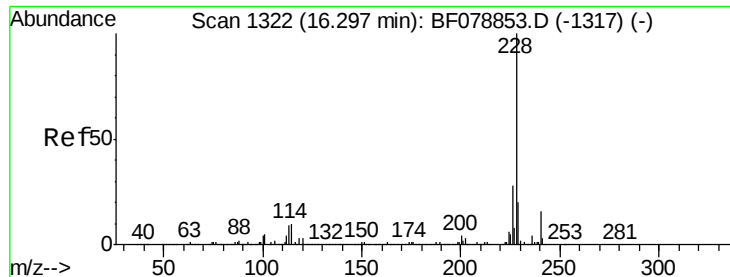
Delta R.T. 0.00 min

Lab File: BF078972.D

Acq: 6 May 2015 20:50

Tgt Ion:	244	Resp:	644104
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	13.0	10.3	15.5





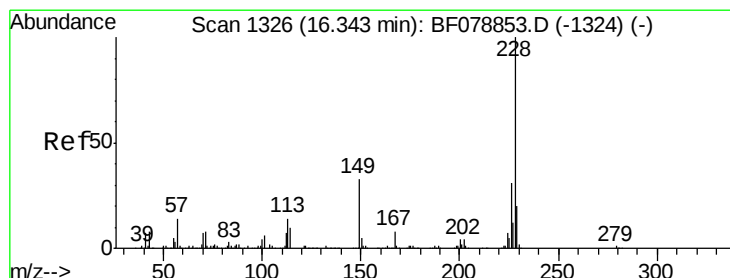
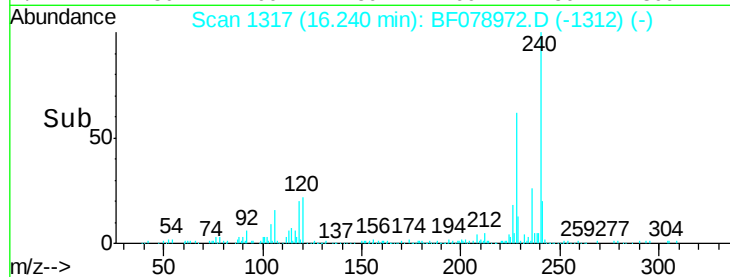
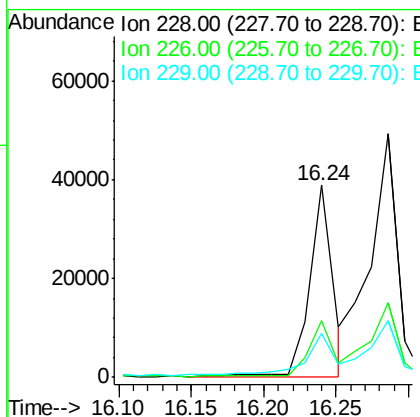
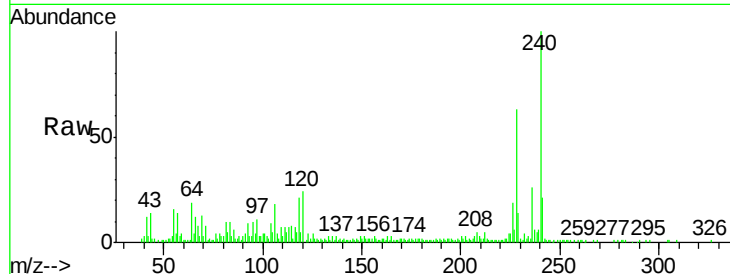
#80
Benzo(a)anthracene
Concen: 2.61 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.05 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
TP-6-D3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	22.7	15.9	23.9

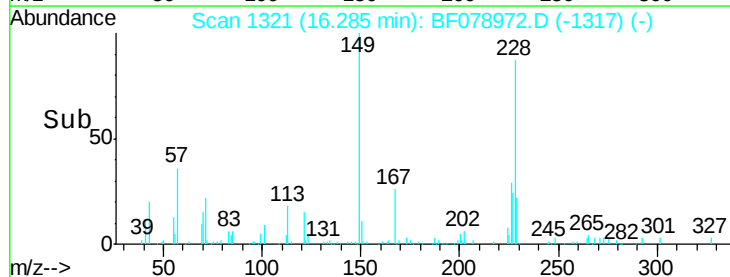
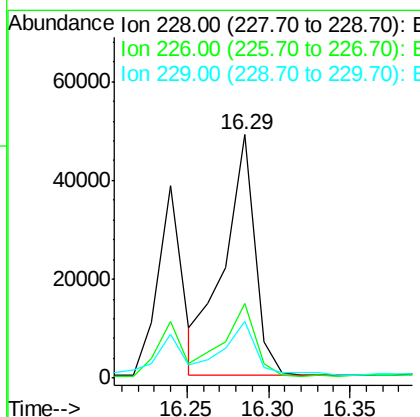
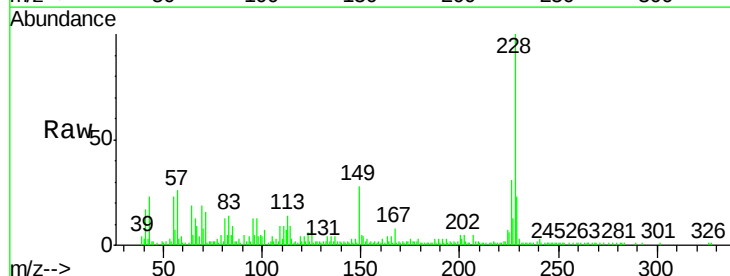
Manual Integrations
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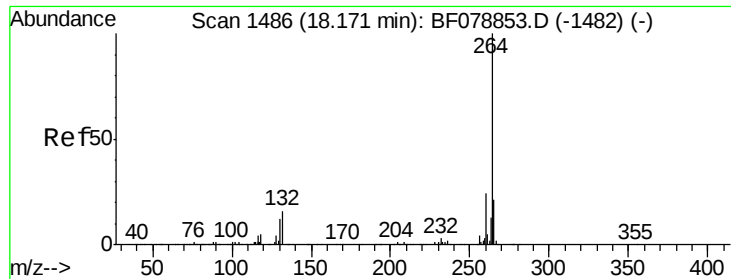
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#82
Chrysene
Concen: 3.98 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.06 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	23.1	16.0	24.0





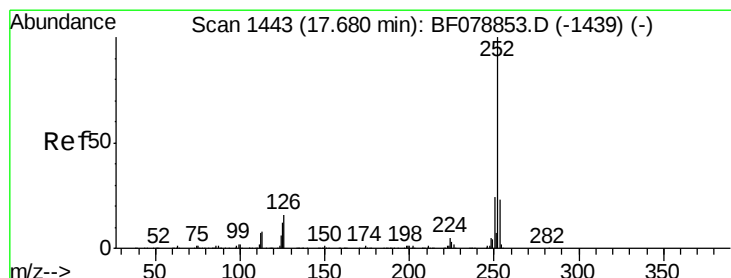
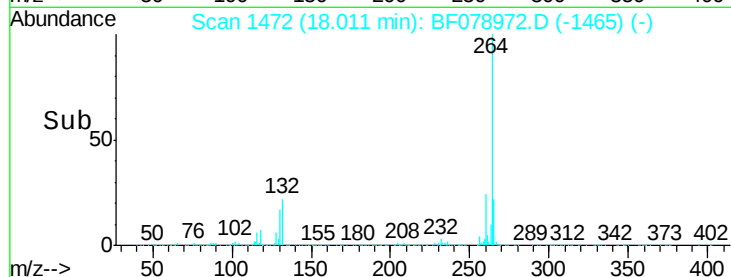
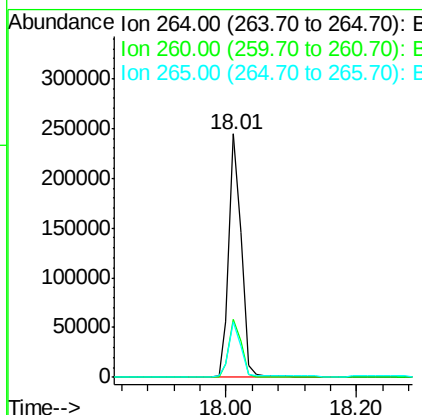
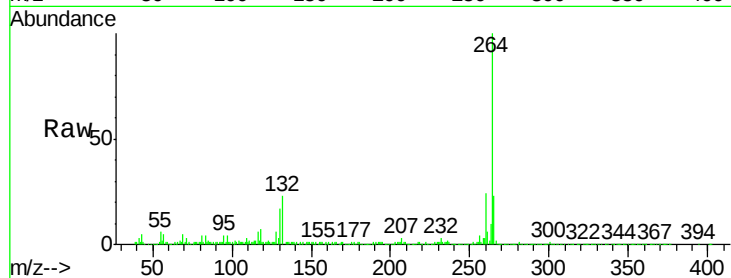
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.22 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Instrument :
BNA_F
ClientSampleId :
TP-6-D3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.7	18.3	27.5

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 4.69 ng m
RT: 17.55 min Scan# 1432
Delta R.T. -0.17 min
Lab File: BF078972.D
Acq: 6 May 2015 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	17.0	9.5	14.3

