

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079472.D
 Acq On : 23 May 2015 12:41
 Operator : TP/IZ
 Sample : G2362-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-A

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Quant Time: May 26 13:29:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 06:56:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	76340	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	318162	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	153009	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	277361	20.00	ng	0.00
75) Chrysene-d12	15.91	240	282927	20.00	ng	0.00
86) Perylene-d12	17.65	264	279290	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	440082m	99.23	ng	0.02
7) Phenol-d6	6.65	99	591490m	100.90	ng	0.02
23) Nitrobenzene-d5	7.75	82	206742	37.35	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	91295	55.15	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	622476	56.68	ng	0.00
78) Terphenyl-d14	14.63	244	680363	57.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.49	163	47532	4.23	ng	96
74) Fluoranthene	14.14	202	59852	3.70	ng	95
77) Pyrene	14.41	202	55770	3.42	ng	98
80) Benzo(a)anthracene	15.90	228	33075m	2.13	ng	
87) Benzo(b)fluoranthene	17.20	252	44497m	2.91	ng	

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

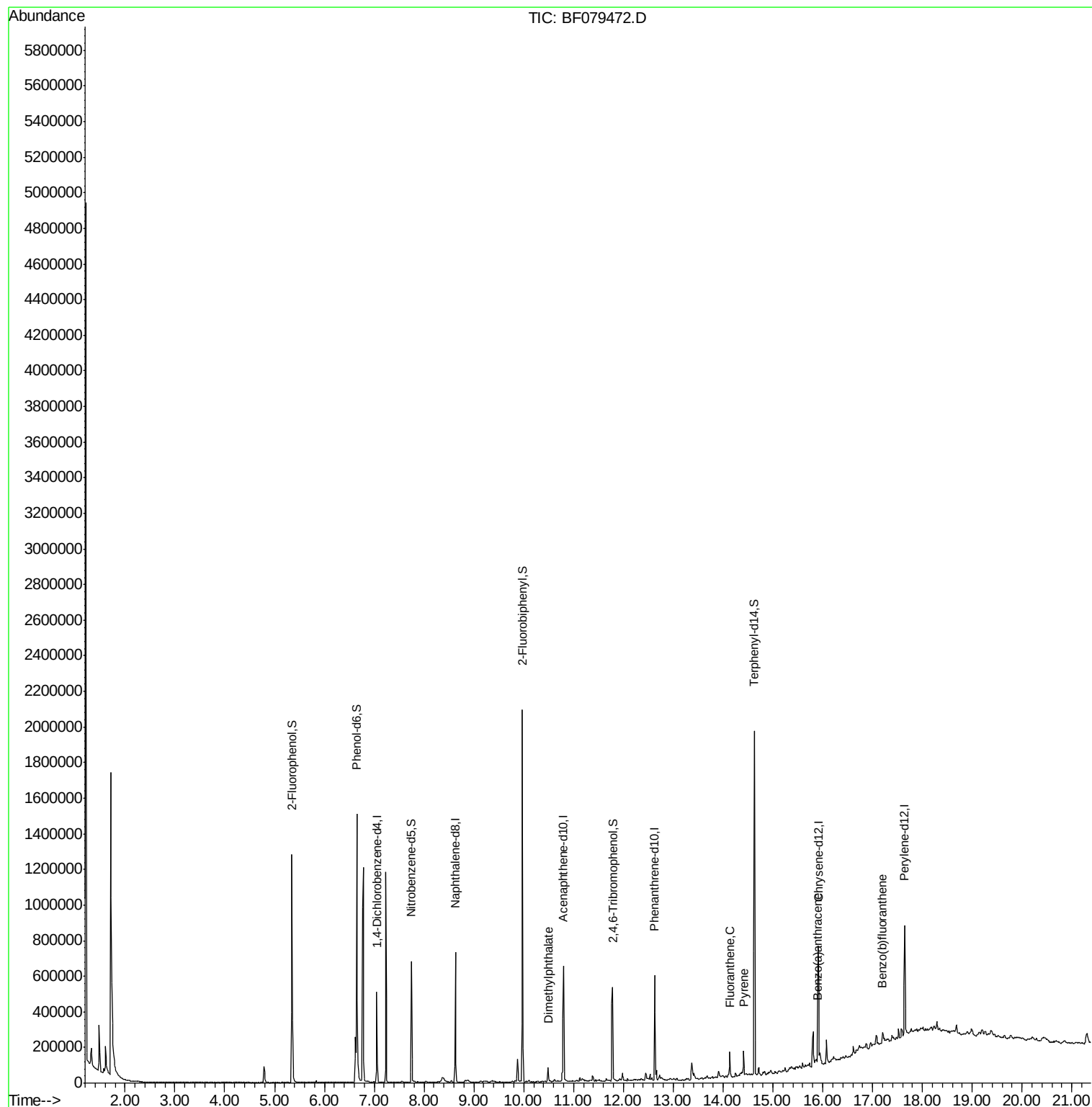
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
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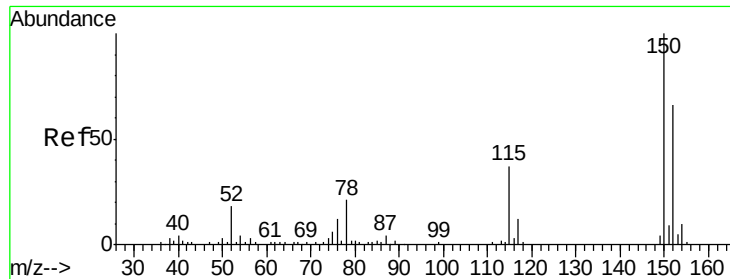
Instrument :
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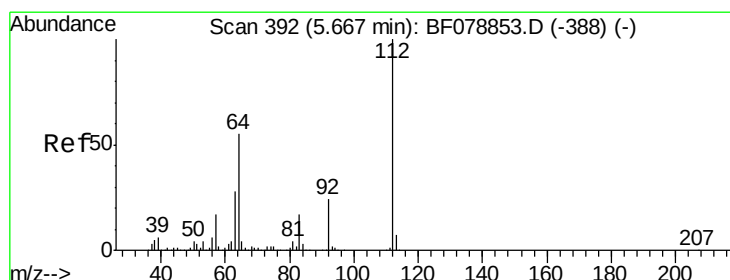
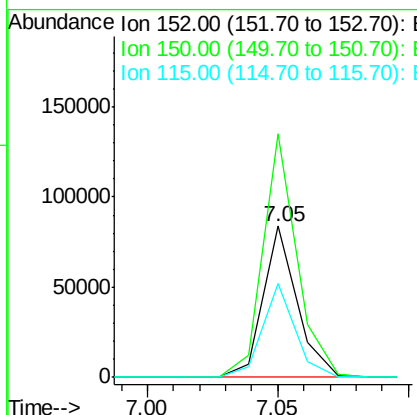
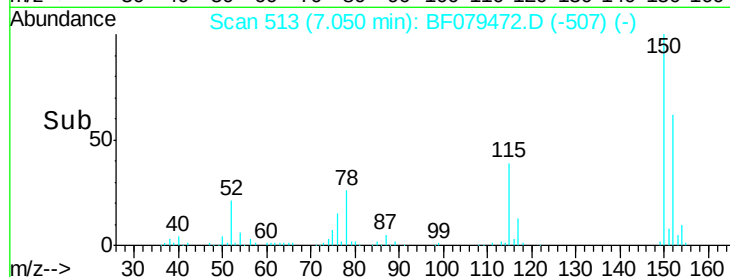
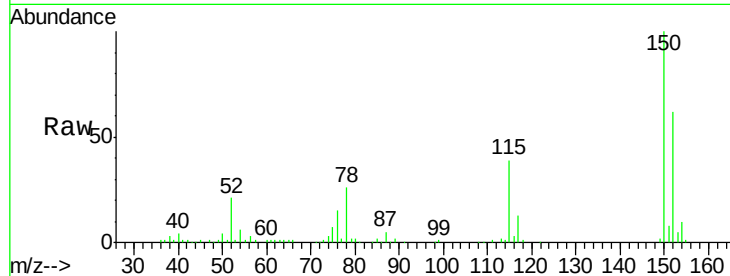
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-A

Tot Ion:	152	Resp:	76340
Ion Ratio	Lower	Upper	
152	100		
150	161.0	123.8	185.8
115	62.1	49.4	74.0

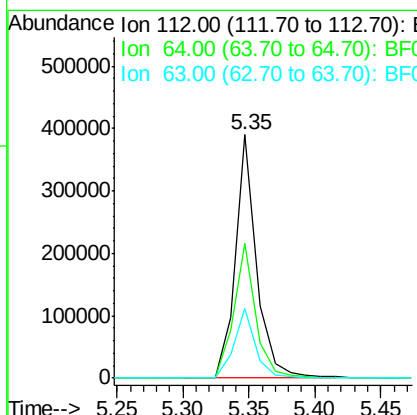
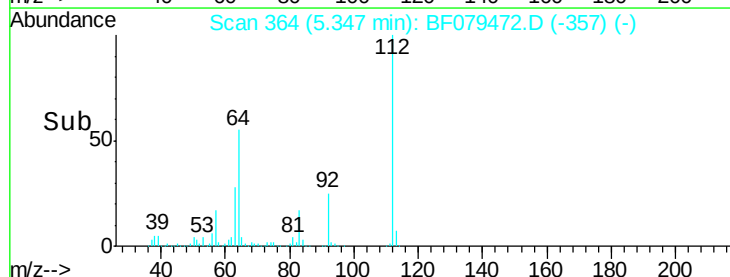
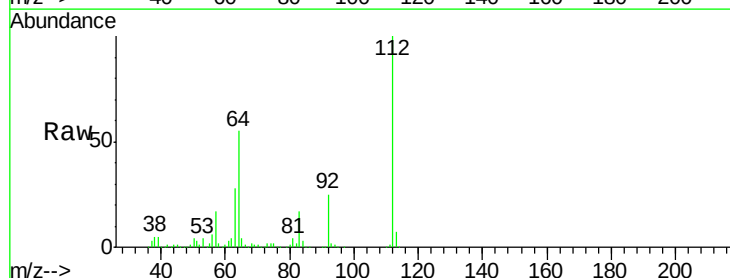
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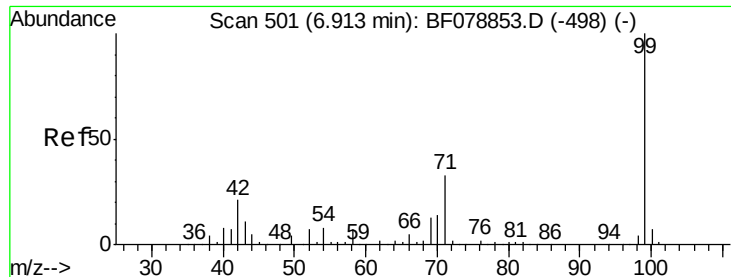
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#5
 2-Fluorophenol
 Concen: 99.23 ng m
 RT: 5.35 min Scan# 364
 Delta R.T. 0.02 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

Tgt Ion:	112	Resp:	440082
Ion Ratio	Lower	Upper	
112	100		
64	55.4	44.2	66.2
63	28.4	22.7	34.1





#7

Phenol-d6

Concen: 100.90 ng/mL

RT: 6.65 min Scan# 478

Delta R.T. 0.02 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Instrument :

BNA_F

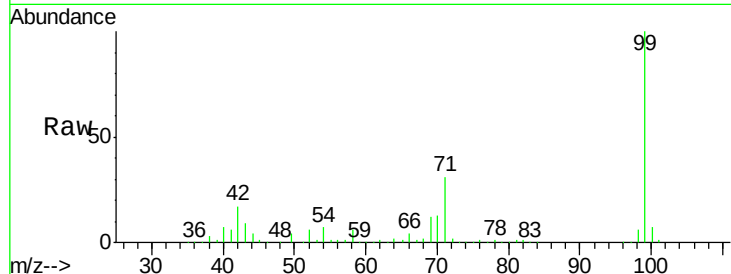
ClientSampleId :

FK-GF-01-015-A

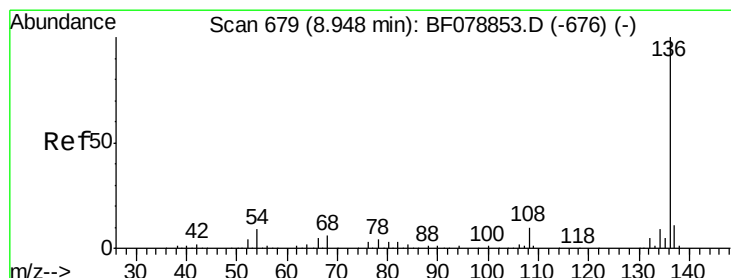
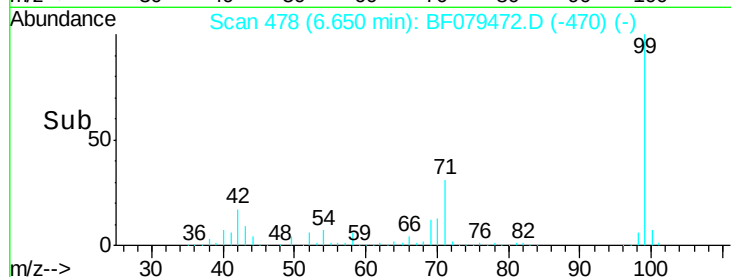
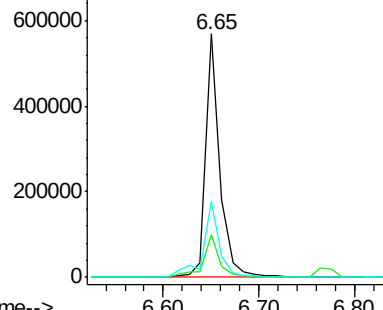
Tot Ion:	99	Resp:	591490
Ion Ratio	Lower	Upper	
99	100		
42	17.4	17.1	25.7
71	31.0	26.3	39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng/mL

RT: 8.63 min Scan# 651

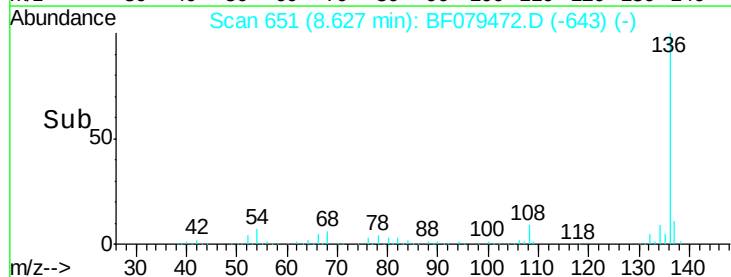
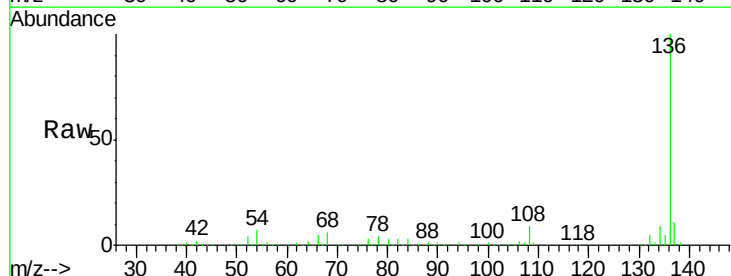
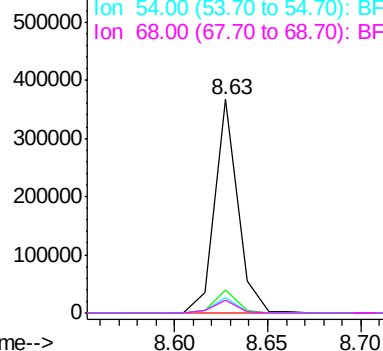
Delta R.T. -0.00 min

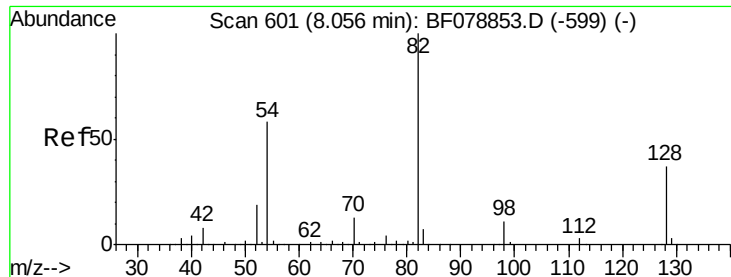
Lab File: BF079472.D

Acq: 23 May 2015 12:41

Tgt Ion:	136	Resp:	318162
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.3	6.9	10.3
68	6.0	4.9	7.3

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 37.35 ng

RT: 7.75 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Instrument :

BNA_F

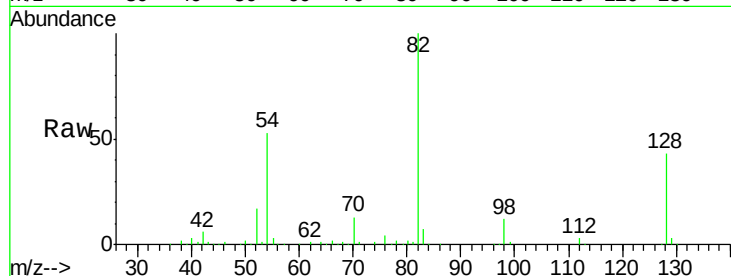
ClientSampleId :

FK-GF-01-015-A

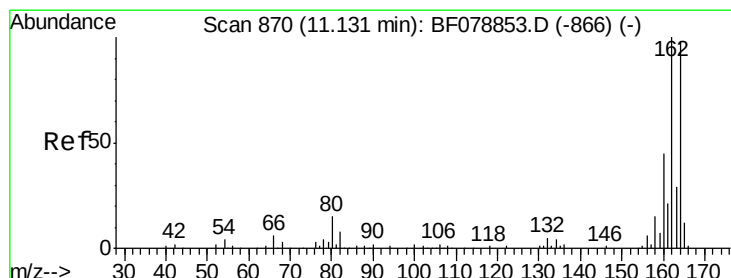
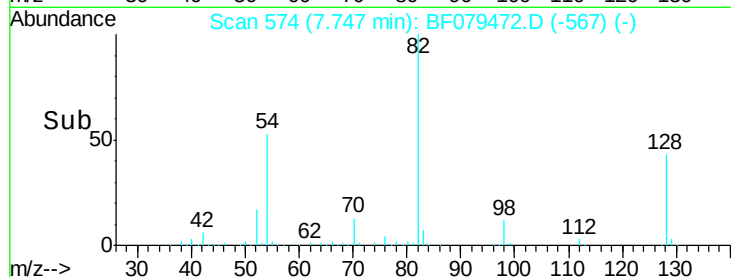
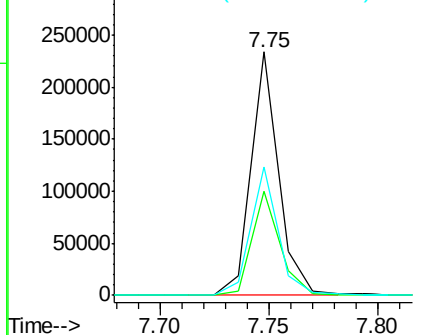
Tot Ion:	82	Resp:	206742
Ion Ratio	Lower	Upper	
82	100		
128	42.5	29.7	44.5
54	53.0	46.2	69.4

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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

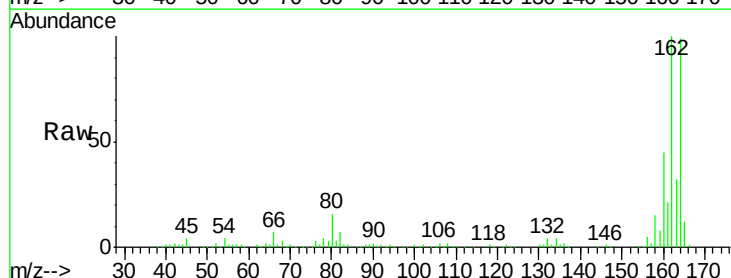
RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

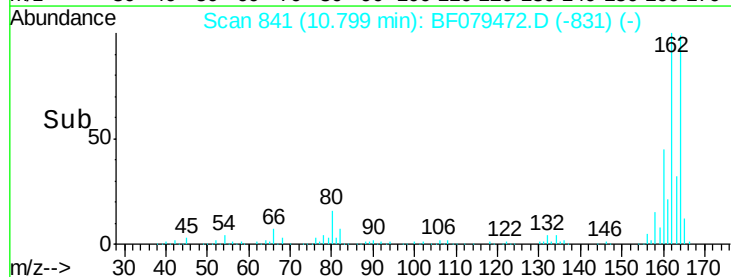
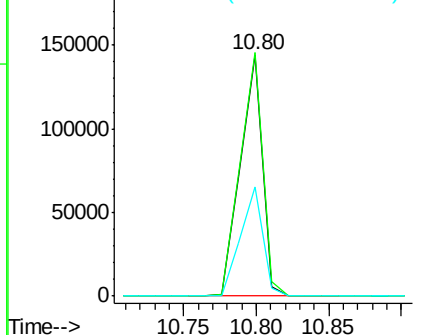
Lab File: BF079472.D

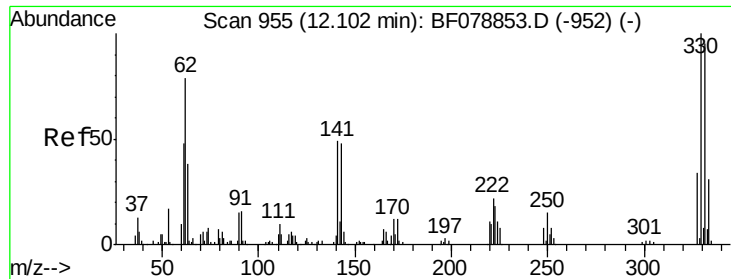
Acq: 23 May 2015 12:41

Tgt Ion:	164	Resp:	153009
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.4	122.0
160	45.3	36.6	54.8



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





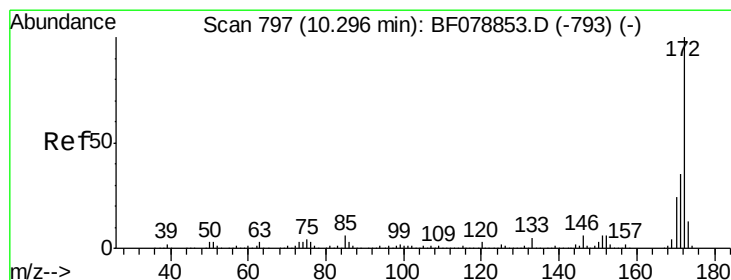
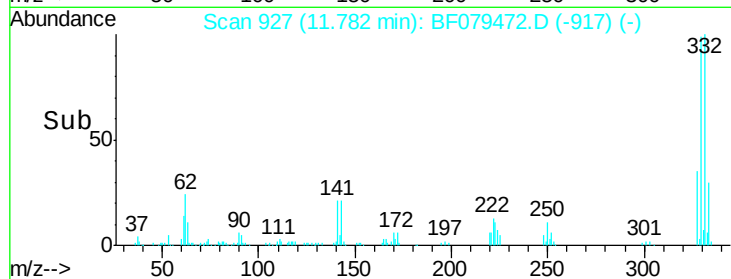
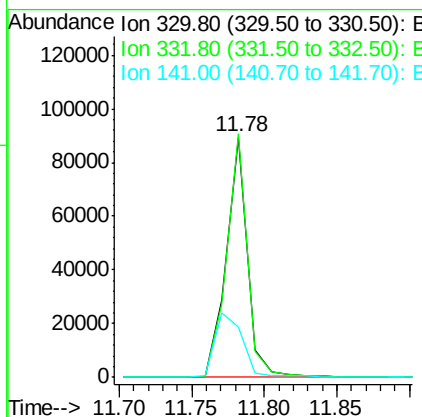
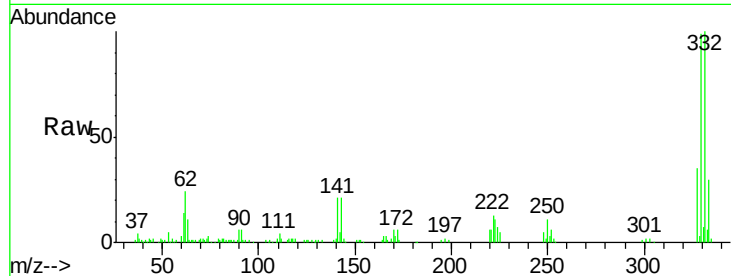
#41
 2,4,6-Tribromophenol
 Concen: 55.15 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	91295		
332	99.5	76.9	115.3	
141	34.7	27.8	41.8	

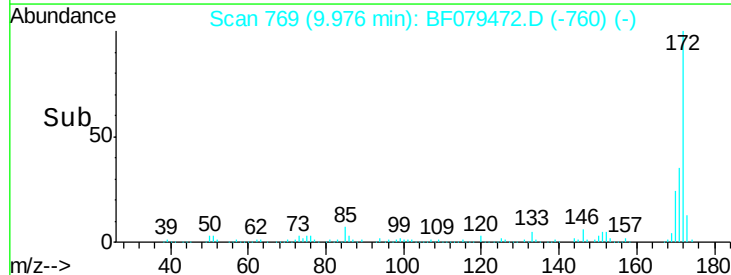
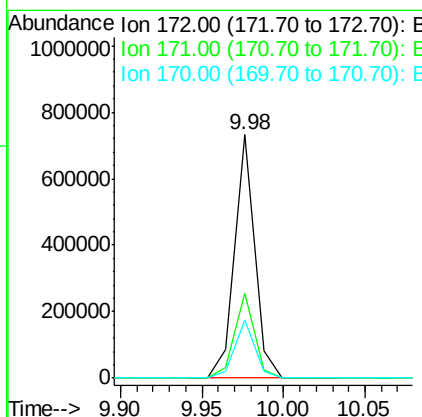
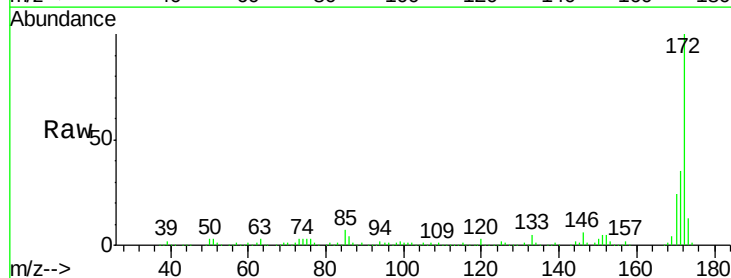
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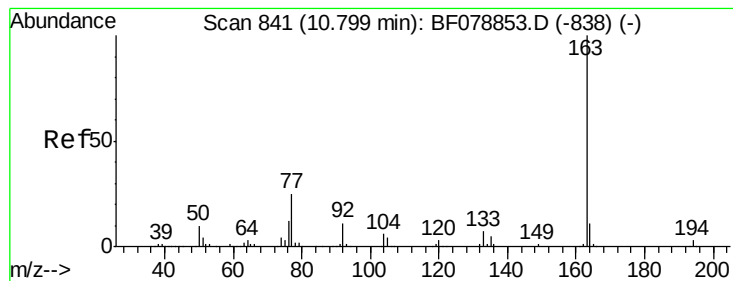
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#44
 2-Fluorobiphenyl
 Concen: 56.68 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	622476		
171	35.1	28.3	42.5	
170	24.0	19.4	29.2	





#49

Dimethylphthalate

Concen: 4.23 ng

RT: 10.49 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Instrument :

BNA_F

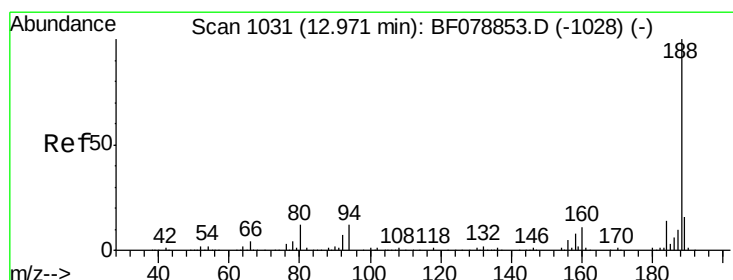
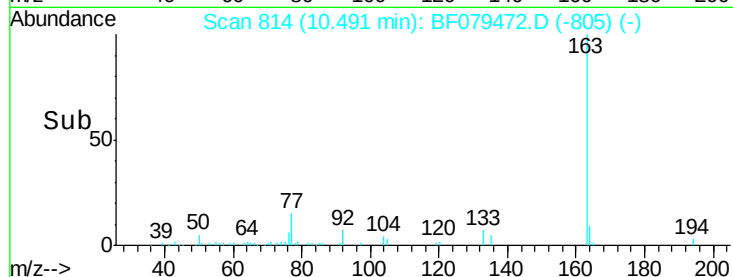
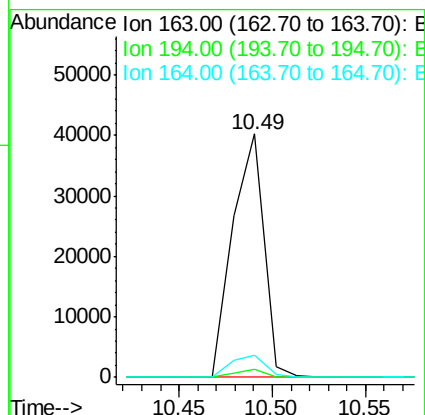
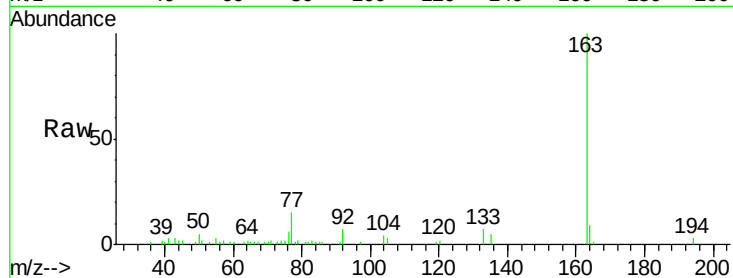
ClientSampleId :

FK-GF-01-015-A

Tot Ion:	163	Resp:	47532
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.4	3.6
164	9.1	8.6	12.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

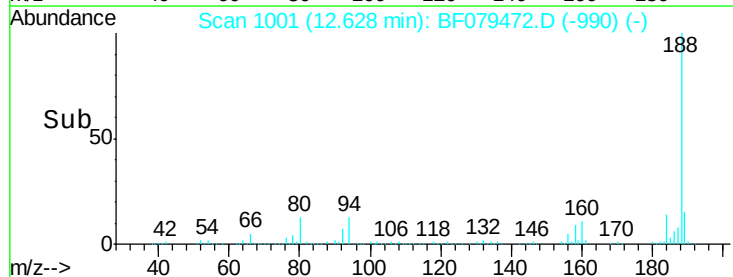
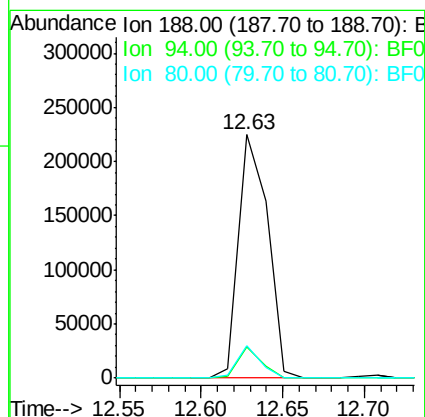
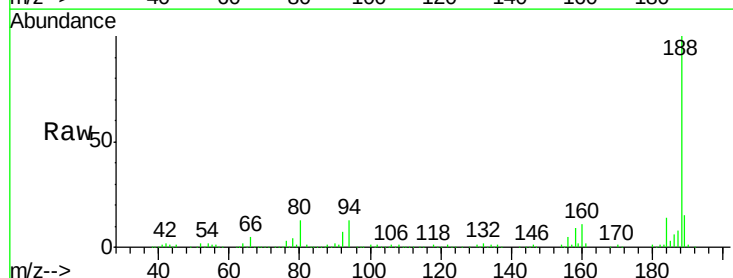
RT: 12.63 min Scan# 1001

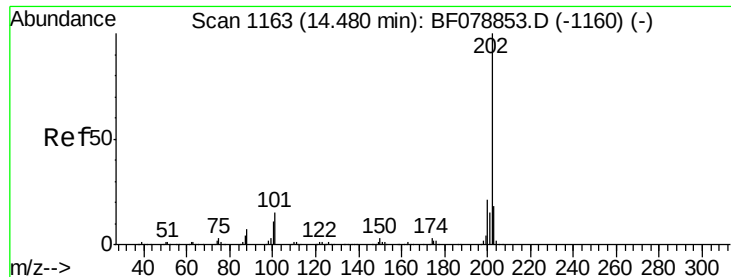
Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Tgt Ion:	188	Resp:	277361
Ion Ratio	Lower	Upper	
188	100		
94	13.0	9.4	14.0
80	13.3	9.8	14.6





#74

Fluoranthene

Concen: 3.70 ng

RT: 14.14 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Instrument :

BNA_F

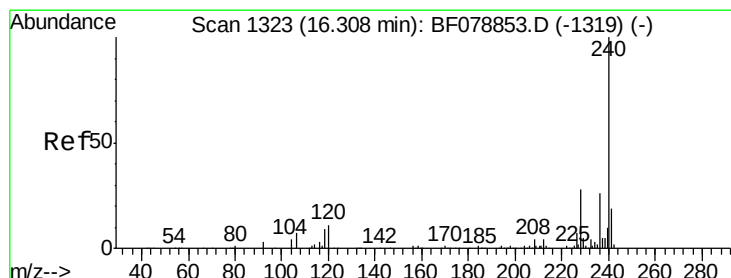
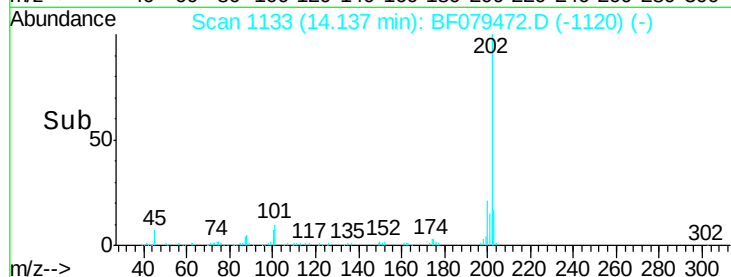
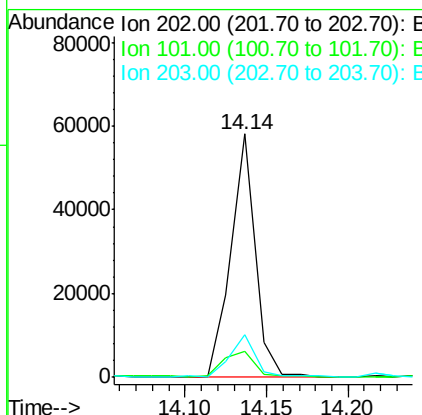
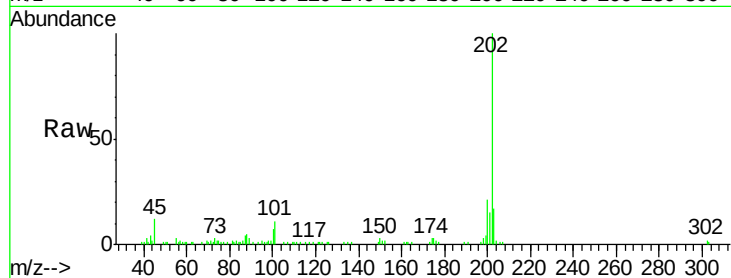
ClientSampleId :

FK-GF-01-015-A

Tot Ion:	202	Resp:	59852
Ion Ratio		Lower	Upper
202	100		
101	10.9	0.0	34.7
203	17.4	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

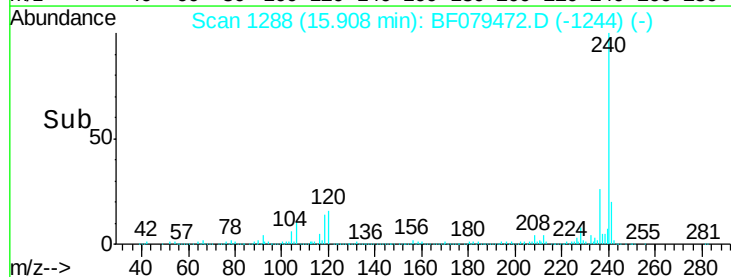
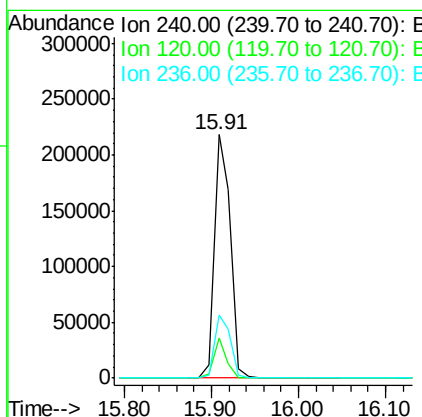
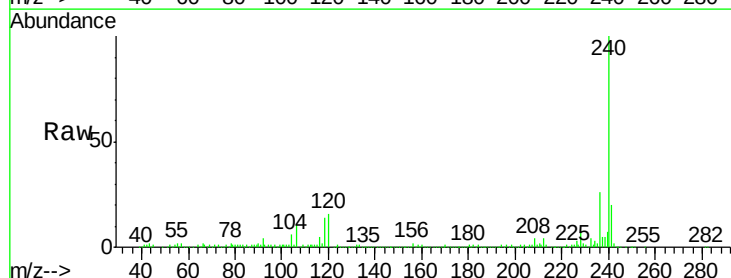
RT: 15.91 min Scan# 1288

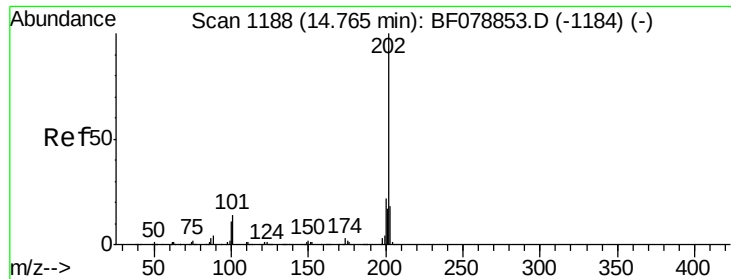
Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Tgt Ion:	240	Resp:	282927
Ion Ratio		Lower	Upper
240	100		
120	16.3	8.6	12.8#
236	26.0	21.0	31.6





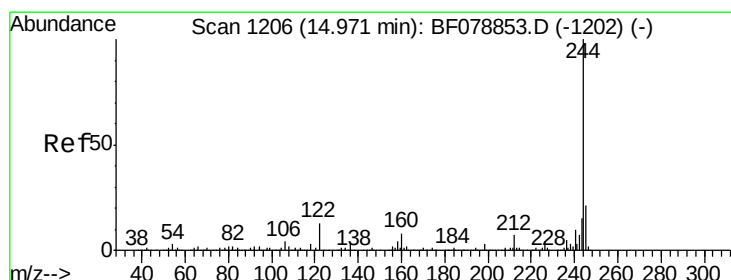
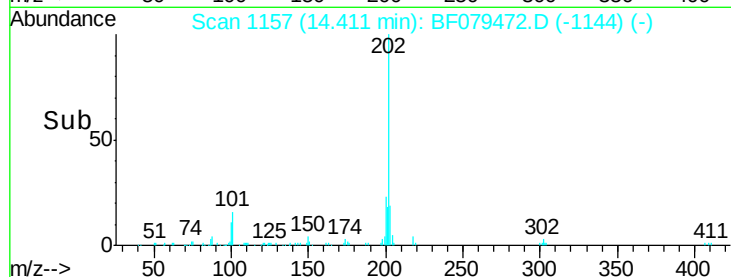
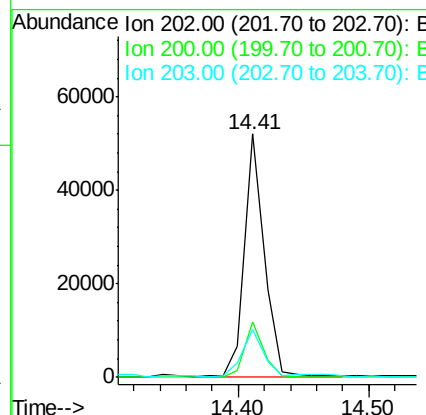
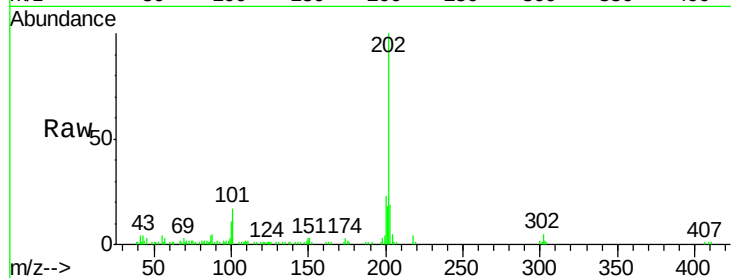
#77
Pvrene
Concen: 3.42 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-015-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.5	26.3
203	19.4	14.7	22.1

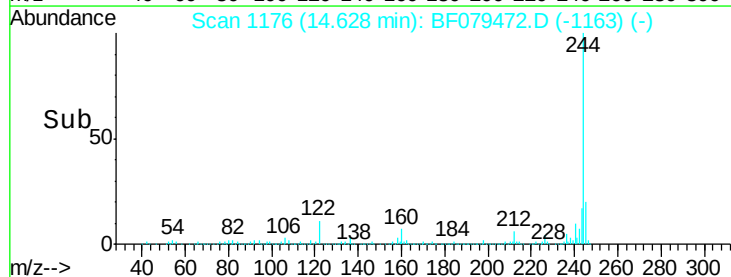
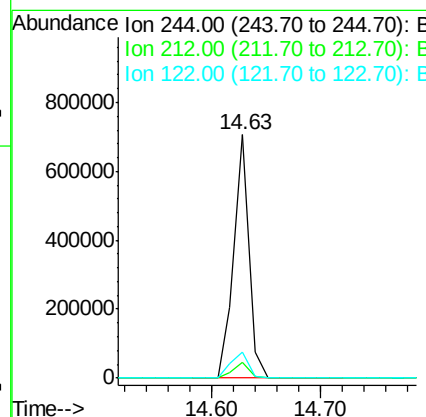
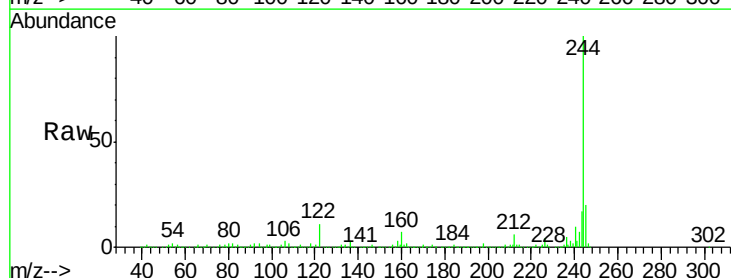
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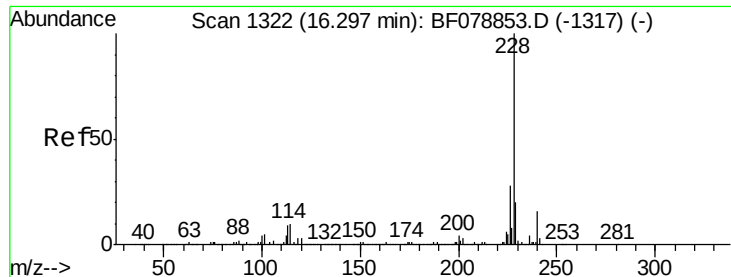
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#78
Terphenyl-d14
Concen: 57.57 ng
RT: 14.63 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.8	10.5	15.7





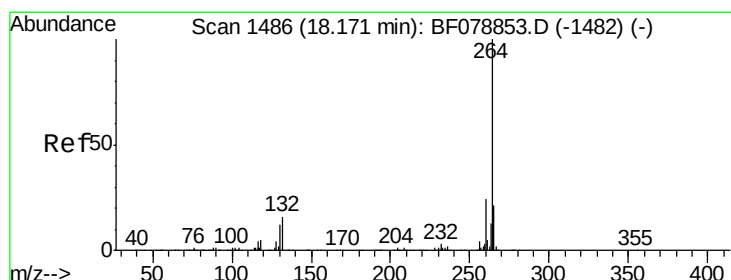
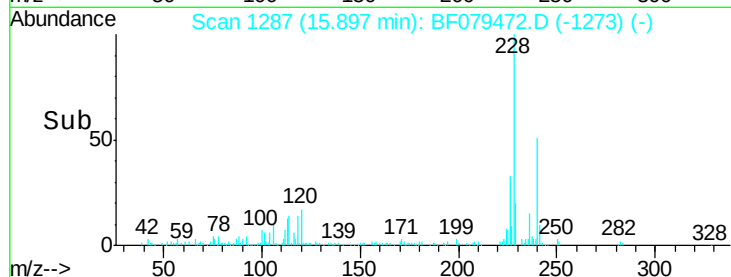
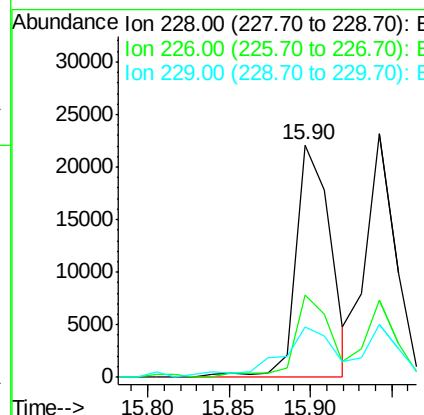
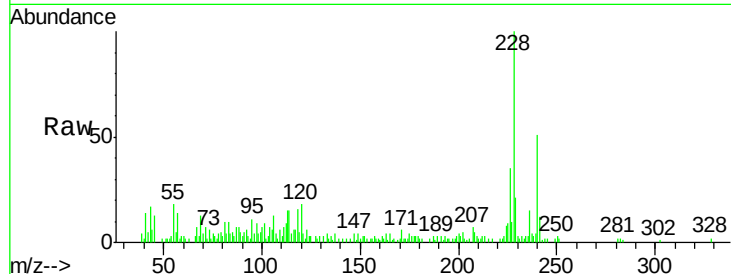
#80
Benzo(a)anthracene
Concen: 2.13 ng m
RT: 15.90 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-015-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.3	22.3	33.5#
229	21.4	16.1	24.1

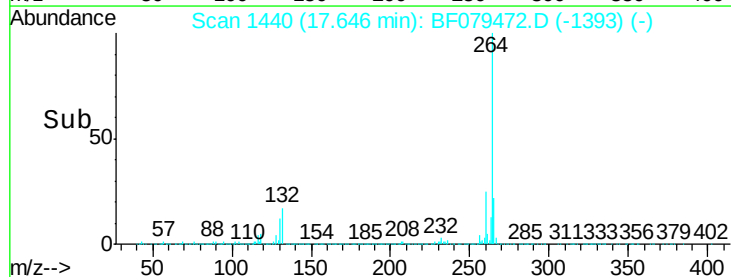
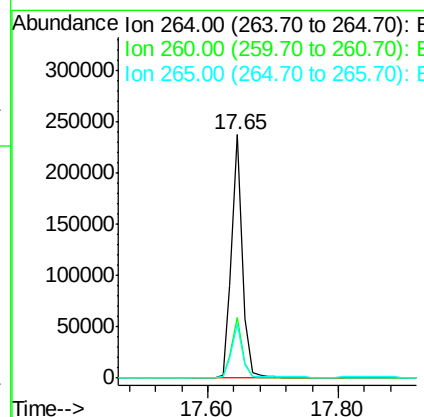
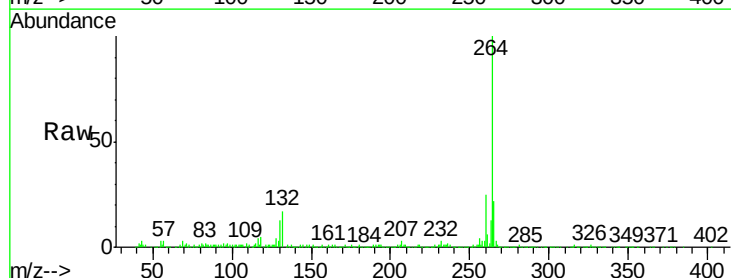
Manual Integrations
APPROVED

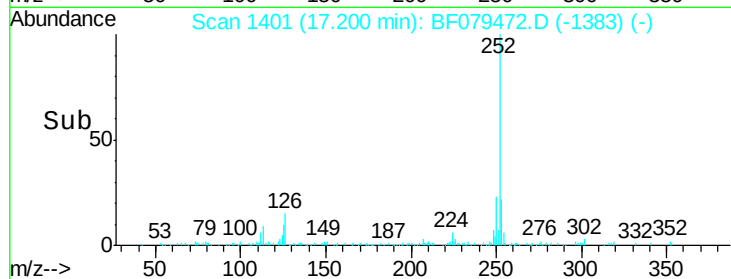
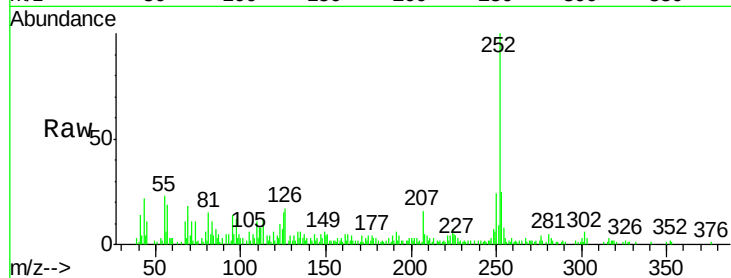
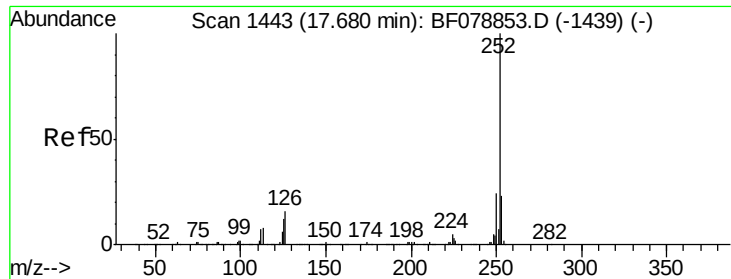
apatel
5/27/2015 8:18:46 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.65 min Scan# 1440
Delta R.T. 0.03 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.4	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.91 ng m
 RT: 17.20 min Scan# 1401
 Delta R.T. 0.02 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	14.9	9.4	14.2

Manual Integrations
 APPROVED

apatel
 5/27/2015 8:18:46 AM

