

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080665.D
 Acq On : 25 Jul 2015 12:16
 Operator : TP/UM
 Sample : G3054-02RE
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE

Manual Integrations
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Quant Time: Jul 27 02:47:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	47584	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	162097	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	83628	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	149966	20.00	ng	0.00
75) Chrysene-d12	14.28	240	213594	20.00	ng	0.13
86) Perylene-d12	15.99	264	216090	20.00	ng	0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	41129	14.55	ng	0.01
7) Phenol-d6	6.54	99	75956	22.50	ng	0.00
23) Nitrobenzene-d5	7.49	82	43061	13.34	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	2922	3.89	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	80069	14.77	ng	-0.01
78) Terphenyl-d14	13.09	244	97394	9.82	ng	0.03
Target Compounds						Qvalue
6) Aniline	6.60	93	23021	4.82	ng	98
15) Benzyl Alcohol	7.07	79	66409	23.68	ng	# 82
24) Nitrobenzene	7.50	77	22494	6.99	ng	97
35) Caprolactam	8.60	113	2410	3.75	ng	# 69
49) Dimethylphthalate	9.69	163	20422	3.41	ng	98
62) Azobenzene	10.67	77	18481	3.25	ng	97
70) Phenanthrene	11.48	178	49904	6.03	ng	98
74) Fluoranthene	12.69	202	66170	8.27	ng	95
77) Pyrene	12.93	202	68655	5.13	ng	99
80) Benzo(a)anthracene	14.27	228	46964m	3.75	ng	
82) Chrysene	14.32	228	48470m	4.13	ng	
87) Benzo(b)fluoranthene	15.53	252	67362m	5.14	ng	
89) Benzo(a)pyrene	15.92	252	44854	3.81	ng	# 84
91) Benzo(g,h,i)perylene	17.93	276	28653	2.27	ng	# 90

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

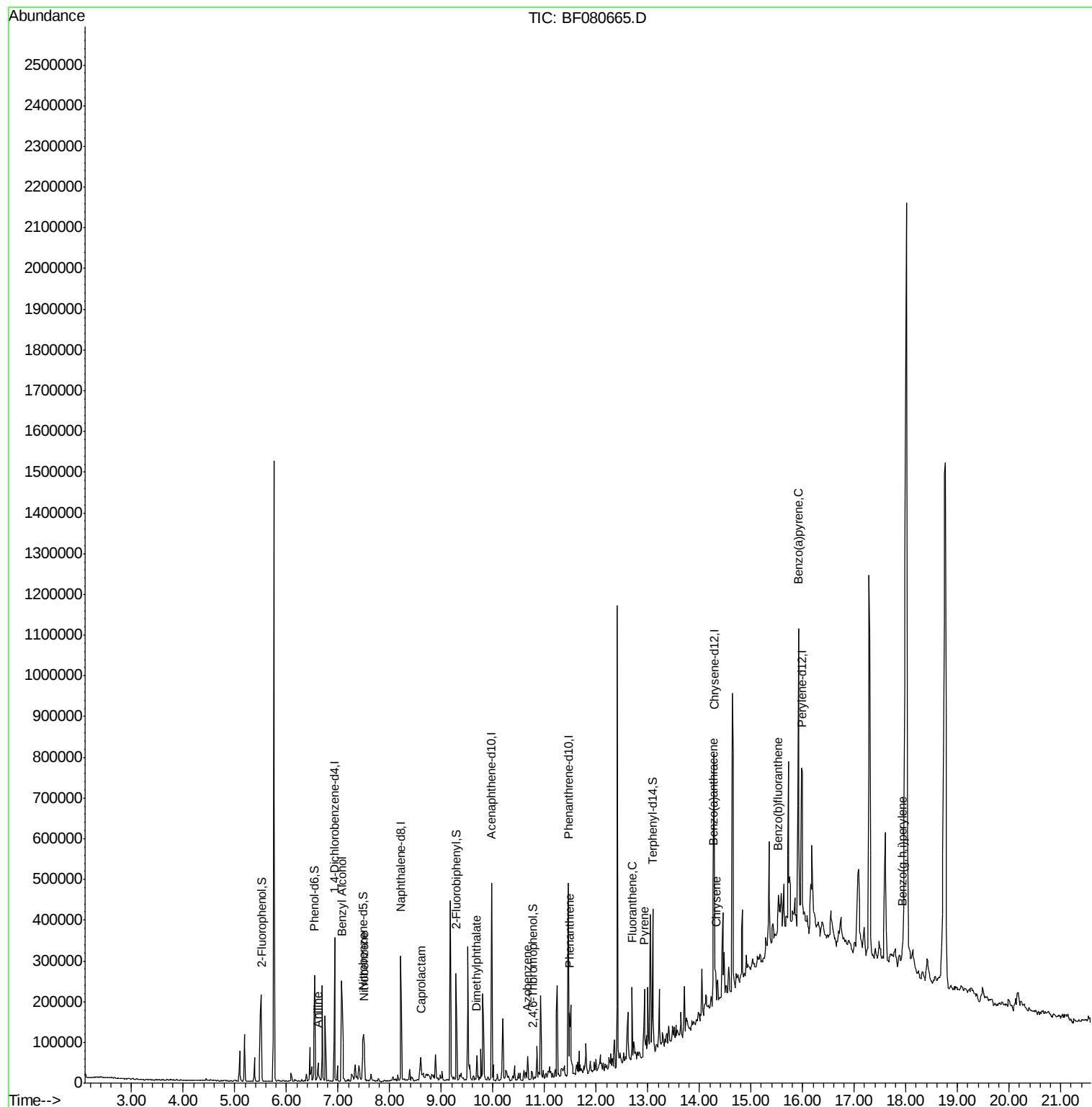
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080665.D
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Misc :
ALS Vial : 36 Sample Multiplier: 1

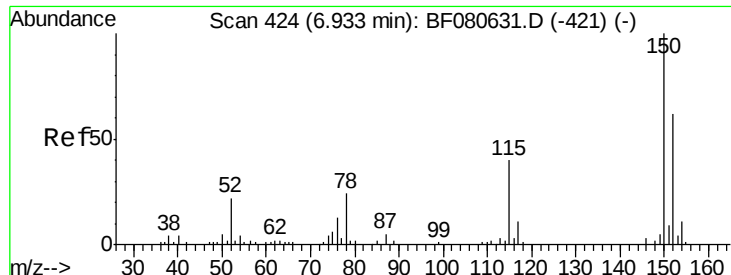
Instrument :
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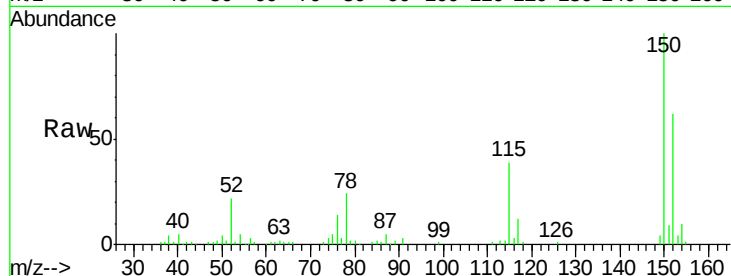




#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

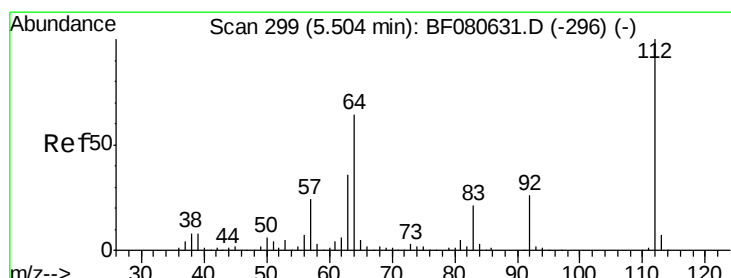
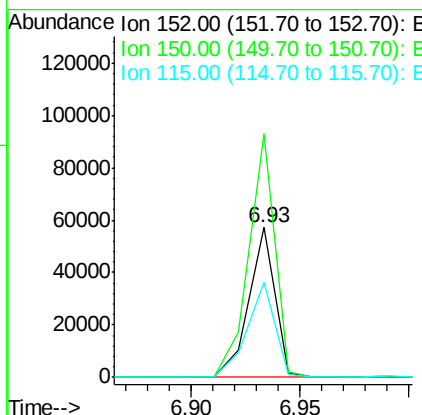
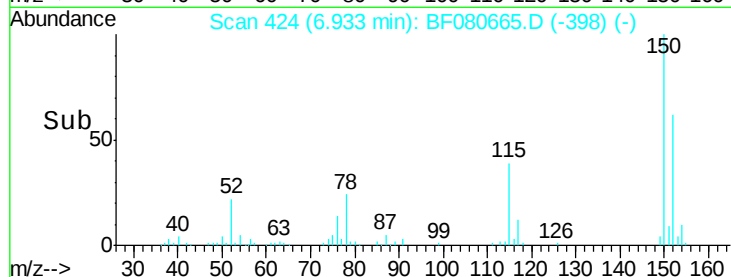
Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.3	128.9	193.3
115	63.2	51.0	76.6

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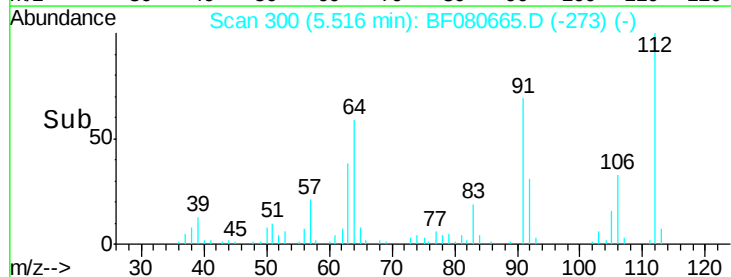
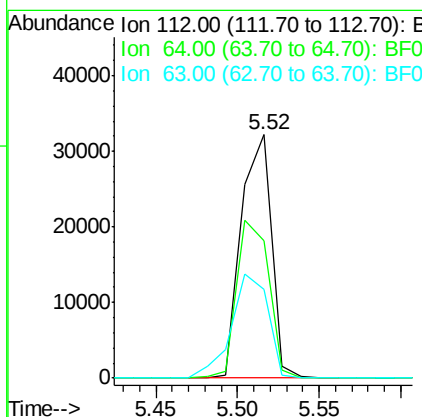
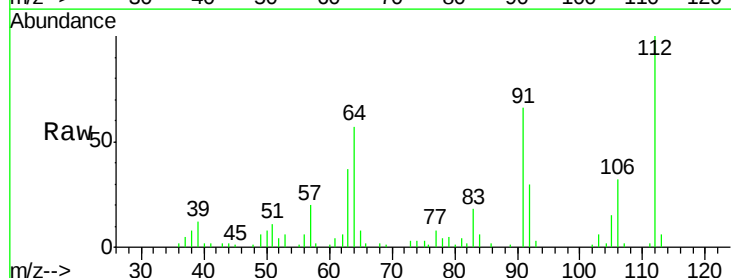
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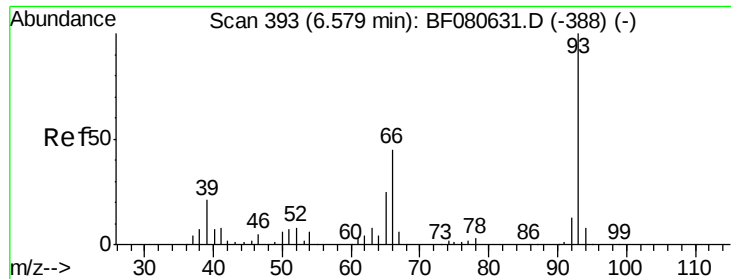


#5

2-Fluorophenol
 Concen: 14.55 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	51.2	76.8
63	36.6	29.0	43.6





#6

Aniline

Concen: 4.82 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.02 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

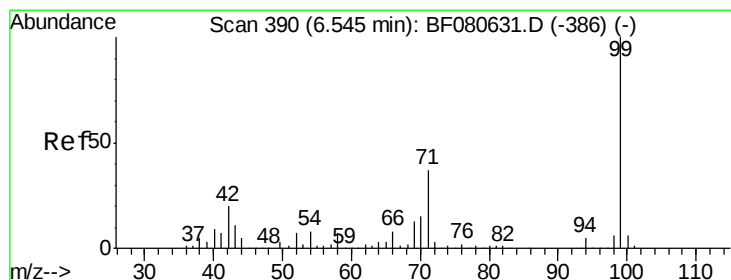
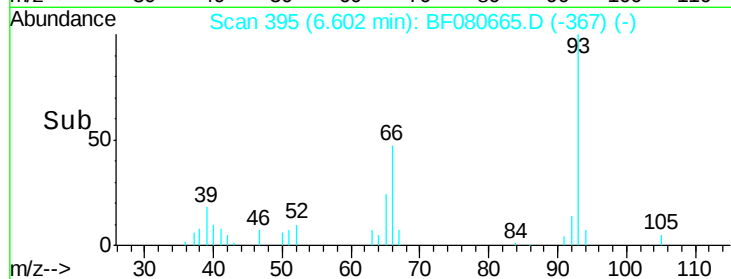
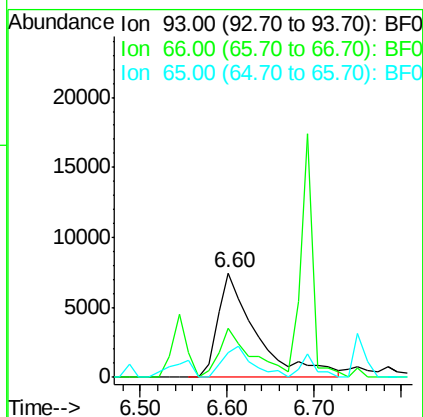
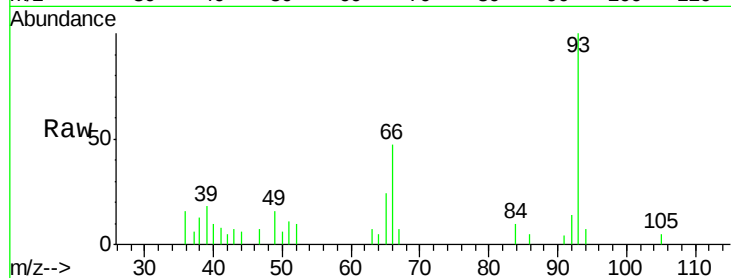
ClientSampleId :

CONC2RE

Tgt Ion:	93	Resp:	23021
Ion Ratio	Lower	Upper	
93	100		
66	46.6	36.3	54.5
65	24.3	19.9	29.9

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#7

Phenol-d6

Concen: 22.50 ng

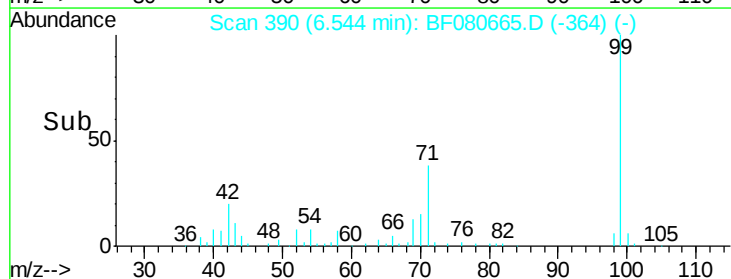
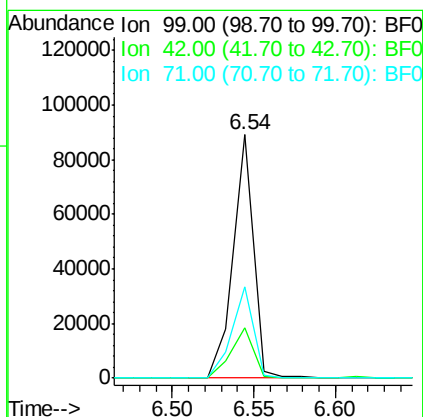
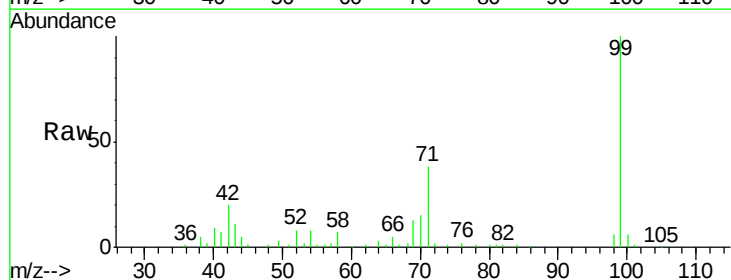
RT: 6.54 min Scan# 390

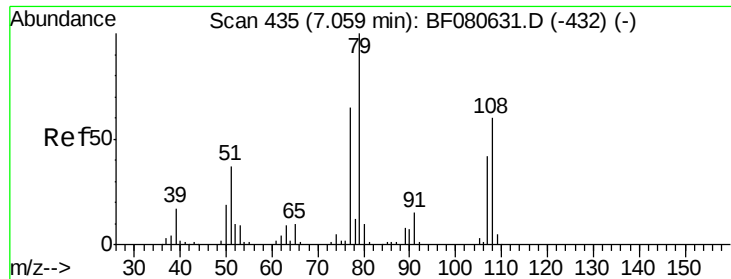
Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Tgt Ion:	99	Resp:	75956
Ion Ratio	Lower	Upper	
99	100		
42	20.4	16.3	24.5
71	37.7	29.7	44.5





#15

Benzyl Alcohol

Concen: 23.68 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF080665.D

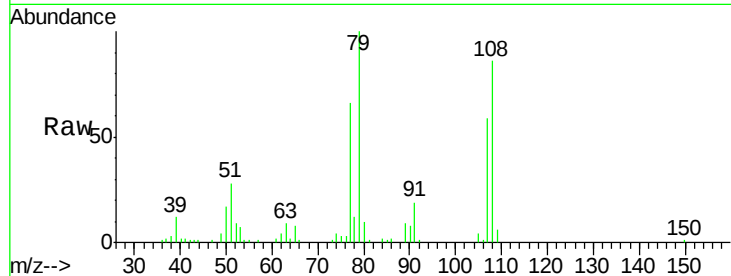
Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

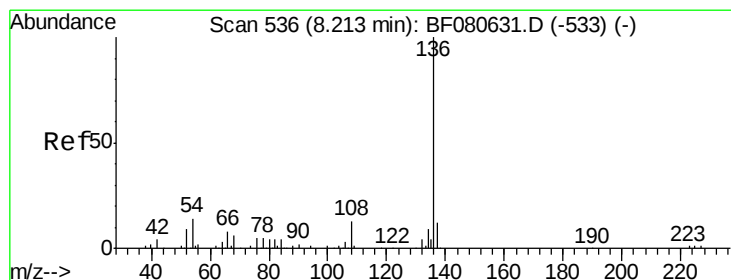
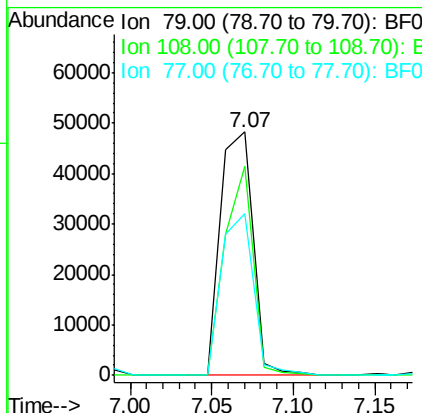
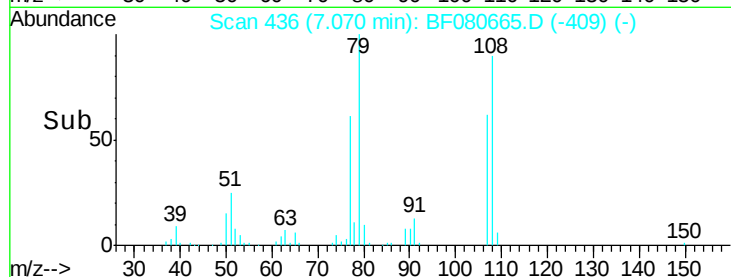
CONC2RE



Tgt Ion:	79	Resp:	66409
Ion Ratio	Lower	Upper	
79	100		
108	85.9	47.8	71.8#
77	66.3	51.6	77.4

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#21

Naphthalene-d8

Concen: 20.00 ng

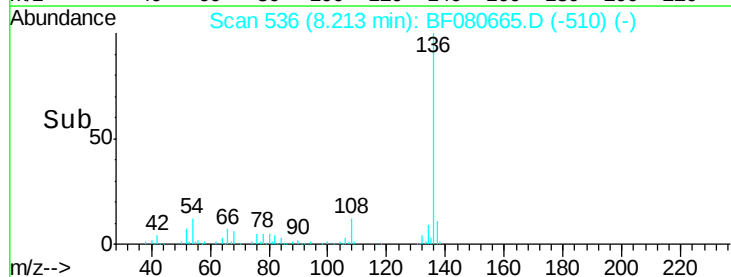
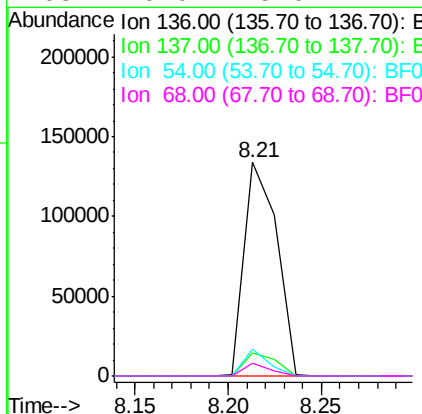
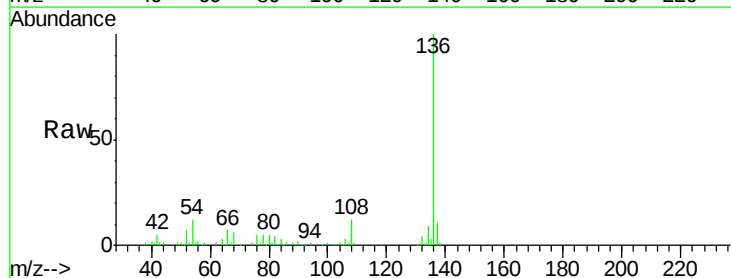
RT: 8.21 min Scan# 536

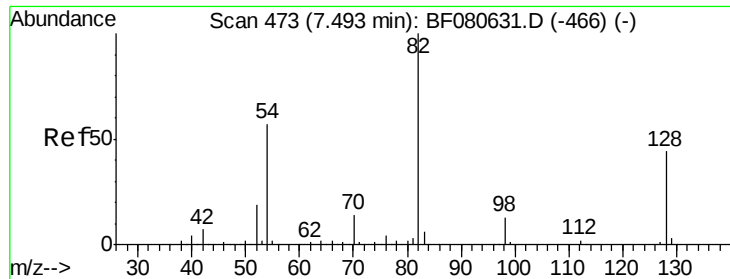
Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Tgt Ion:	136	Resp:	162097
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.3	13.9
54	12.4	11.6	17.4
68	6.0	5.0	7.4





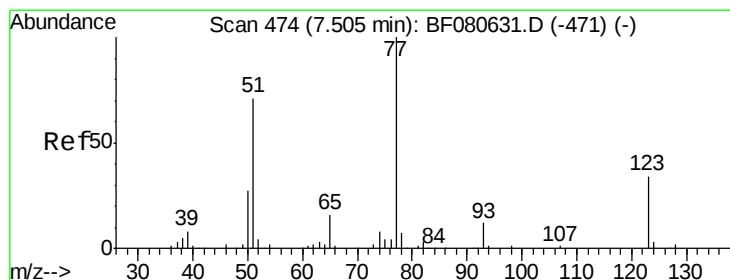
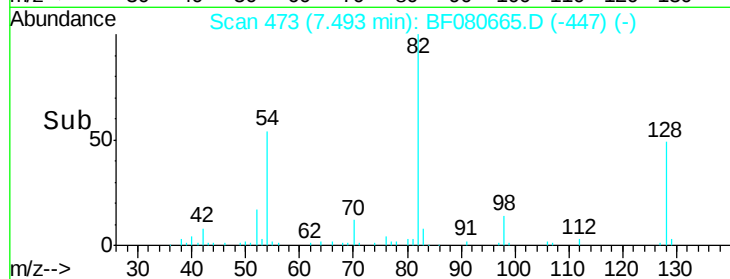
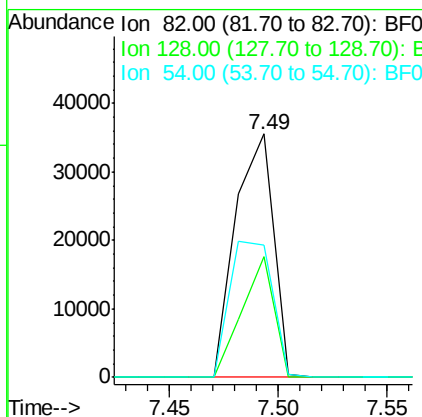
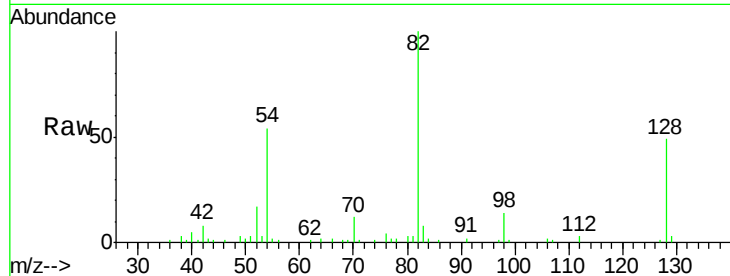
#23
 Nitrobenzene-d5
 Concen: 13.34 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.3	34.8	52.2
54	54.3	45.4	68.0

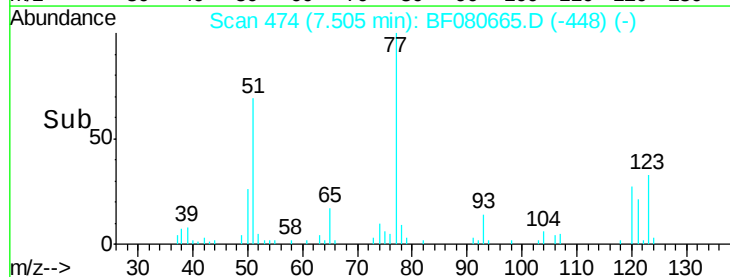
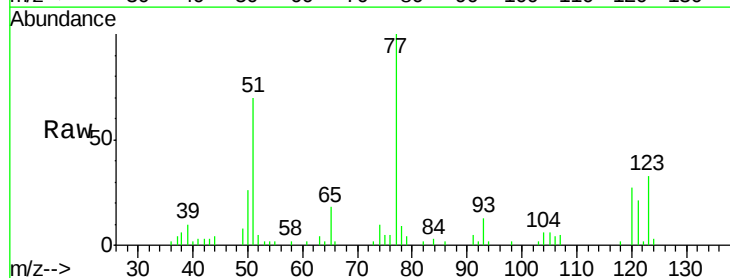
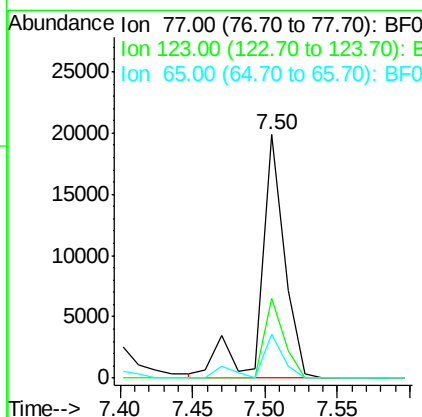
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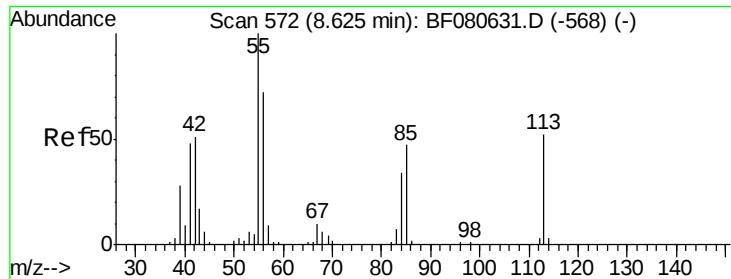
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#24
 Nitrobenzene
 Concen: 6.99 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.6	27.1	40.7
65	18.2	12.6	18.8





#35

Caprolactam

Concen: 3.75 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

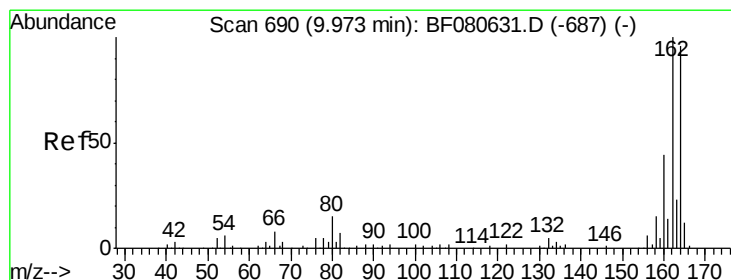
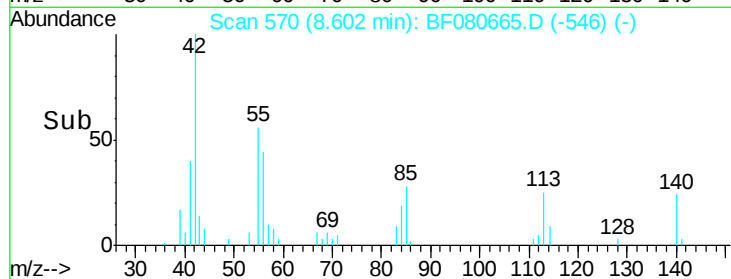
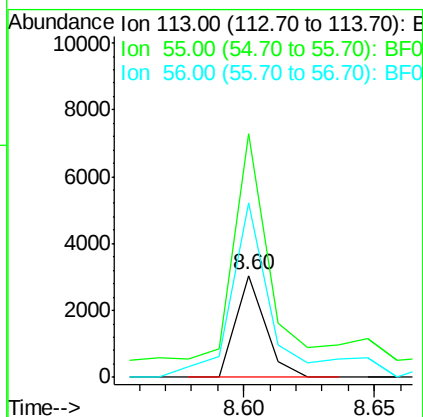
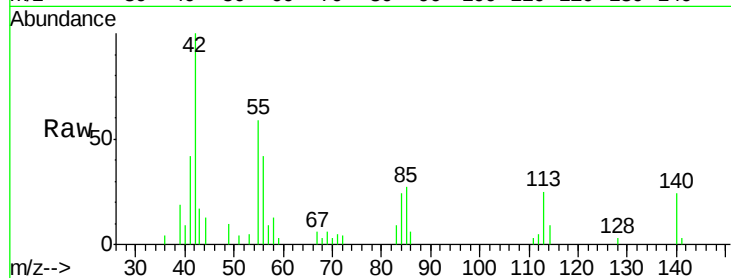
ClientSampleId :

CONC2RE

Tgt Ion:	113	Resp:	2410
Ion Ratio	Lower	Upper	
113	100		
55	239.3	170.7	210.7#
56	172.1	118.2	158.2#

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#38

Acenaphthene-d10

Concen: 20.00 ng

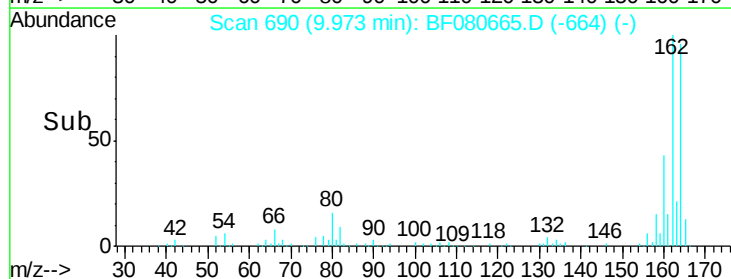
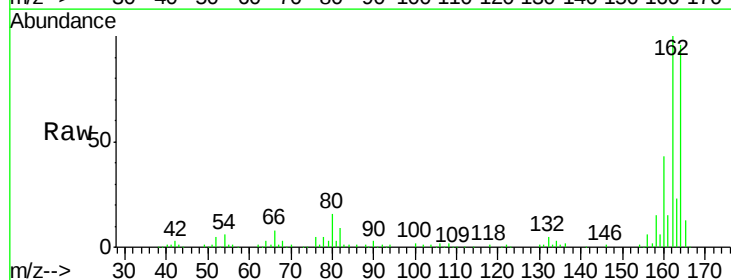
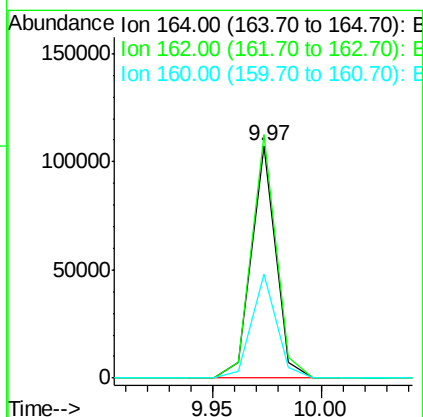
RT: 9.97 min Scan# 690

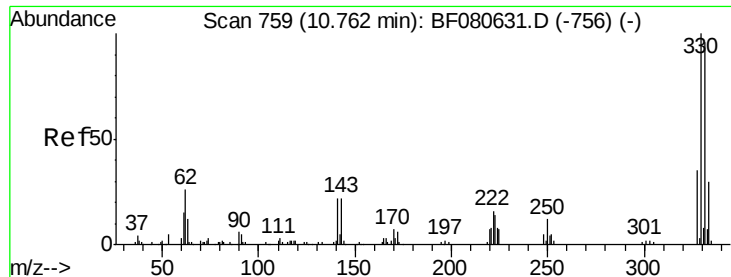
Delta R.T. -0.00 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Tgt Ion:	164	Resp:	83628
Ion Ratio	Lower	Upper	
164	100		
162	104.7	83.3	124.9
160	44.7	36.9	55.3





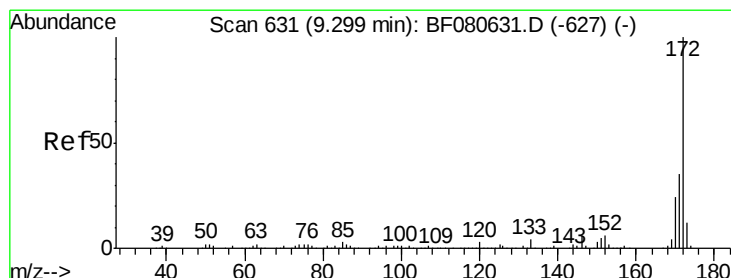
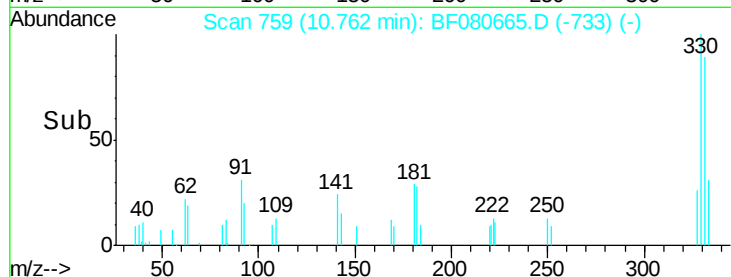
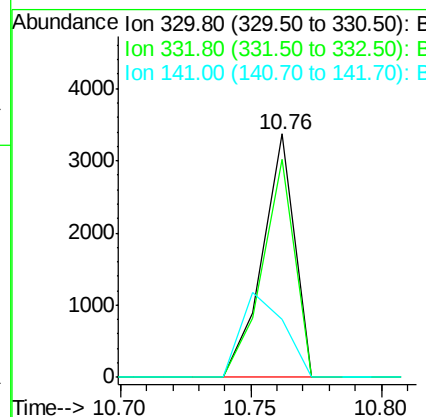
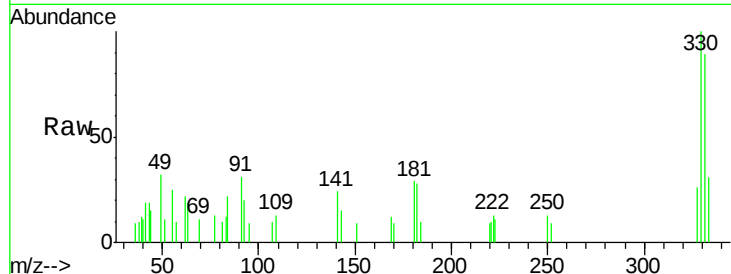
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 2,4,6-Tribromophenol
 Concen: 3.89 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 CONC2RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	2922		
332	89.8	76.7	115.1	
141	46.2	32.7	49.1	

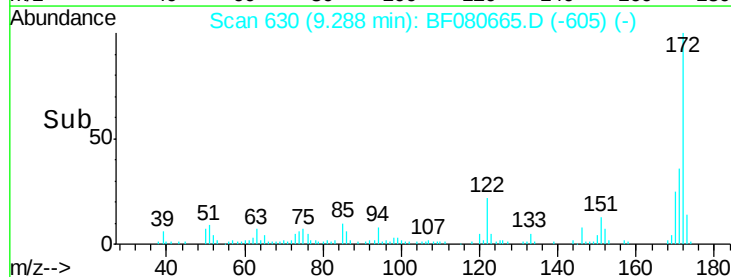
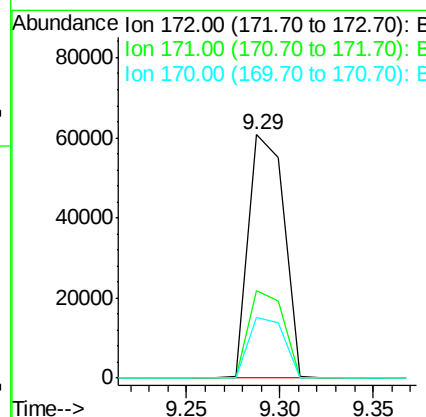
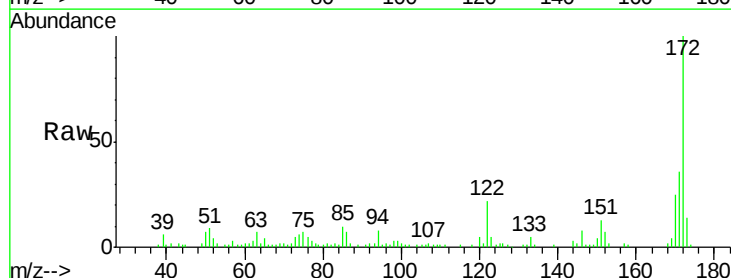
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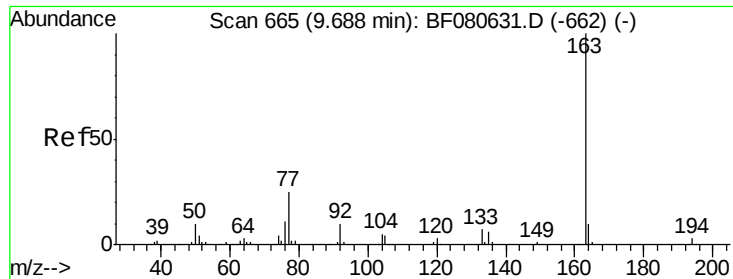
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#44
 2-Fluorobiphenyl
 Concen: 14.77 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080665.D
 Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	80069		
171	35.8	27.7	41.5	
170	24.7	19.0	28.4	





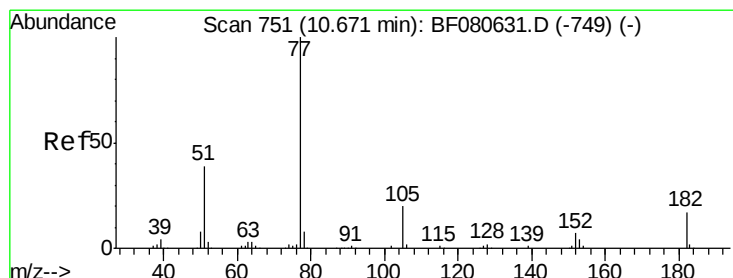
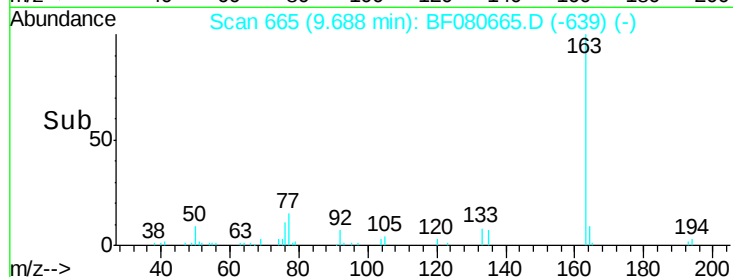
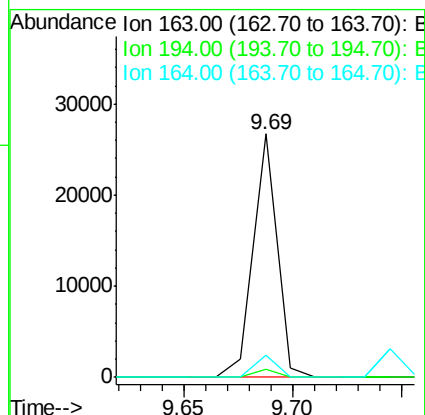
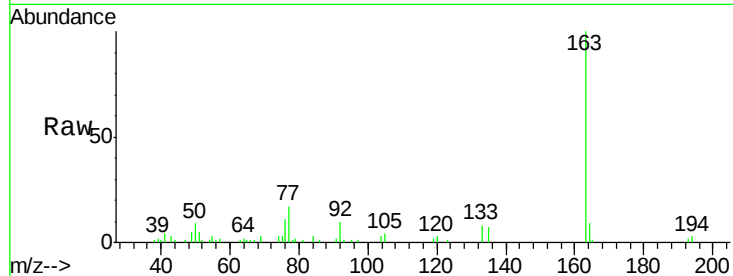
#49
Dimethylphthalate
Concen: 3.41 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Instrument :
BNA_F
ClientSampleId :
CONC2RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	20422		
194	3.3	2.5	3.7	
164	8.9	8.0	12.0	

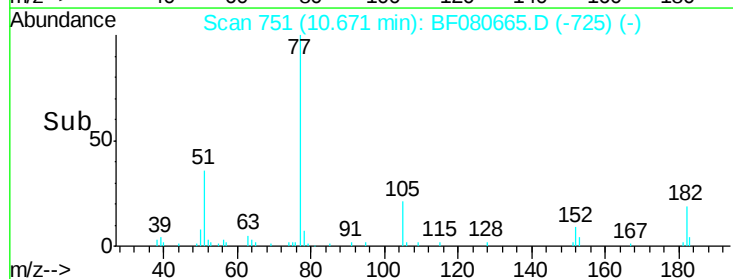
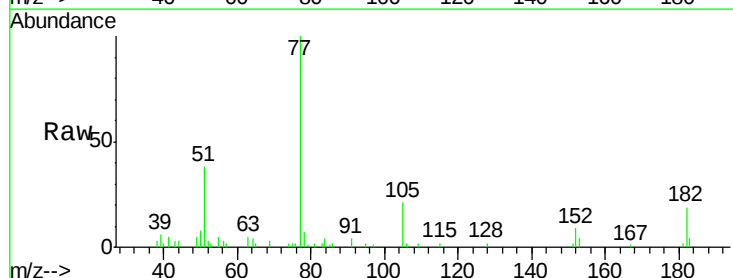
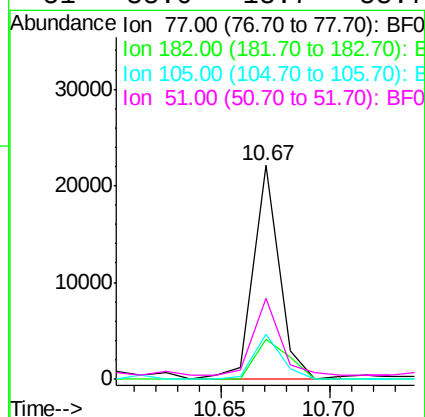
Manual Integrations
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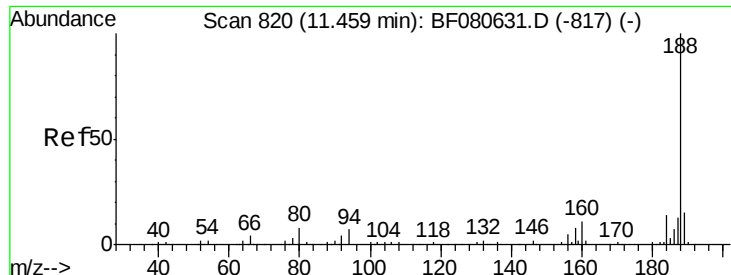
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#62
Azobenzene
Concen: 3.25 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	18481		
182	18.7	0.0	36.7	
105	21.1	0.0	39.6	
51	38.0	18.7	58.7	





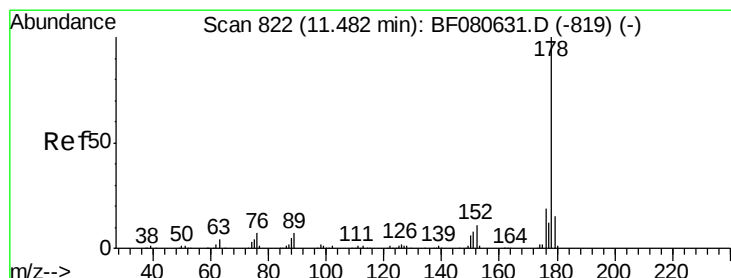
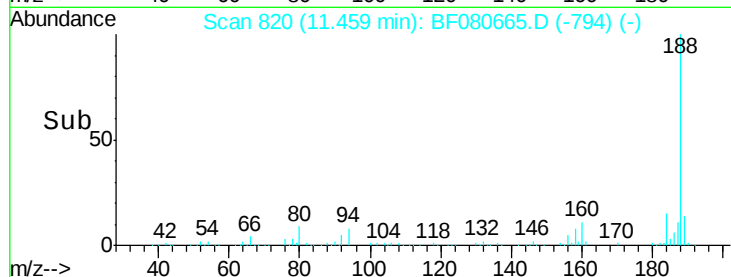
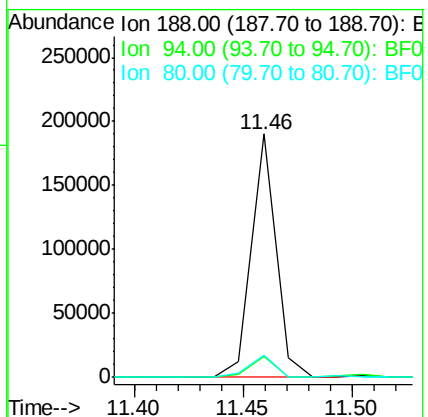
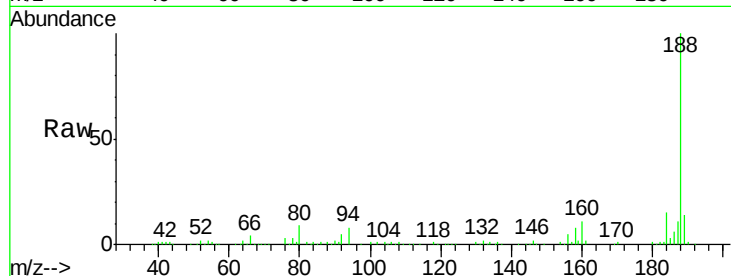
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Instrument :
BNA_F
ClientSampleId :
CONC2RE

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	5.6	8.4
80	9.0	6.1	9.1

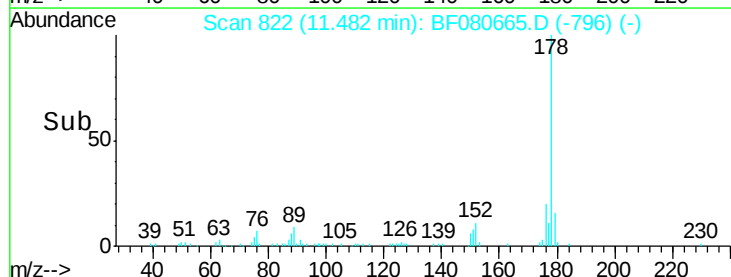
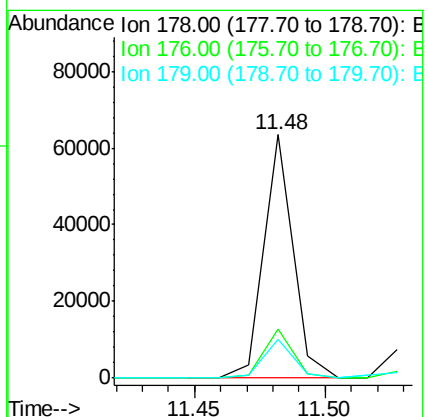
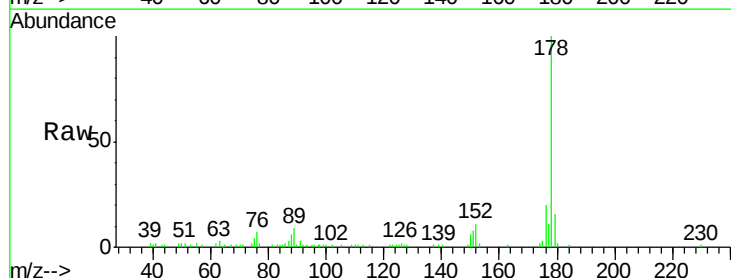
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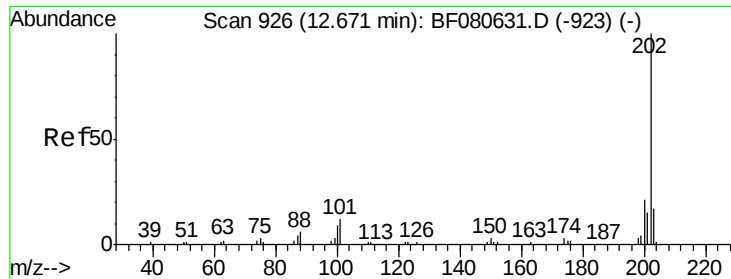
apatel
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#70
Phenanthrene
Concen: 6.03 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.3	15.5	23.3
179	15.7	11.8	17.8





#74

Fluoranthene

Concen: 8.27 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.02 min

Lab File: BF080665.D

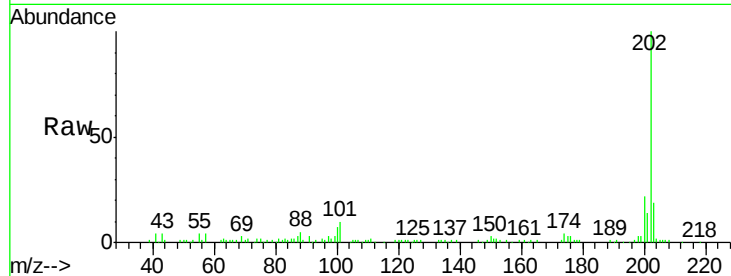
Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

ClientSampleId :

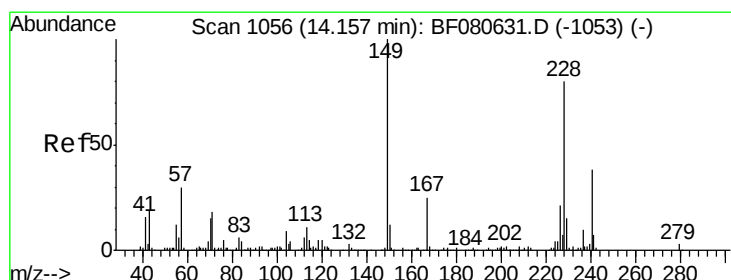
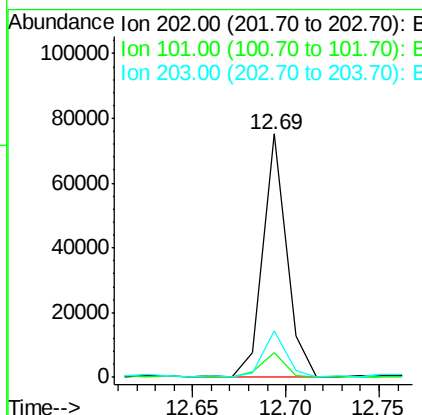
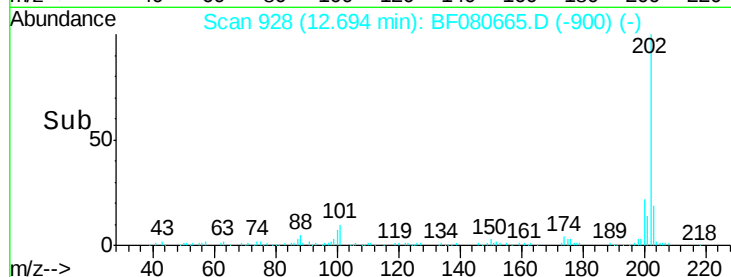
CONC2RE



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	66170		
101	10.0	0.0	32.0	
203	19.1	0.0	37.0	

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#75

Chrysene-d12

Concen: 20.00 ng

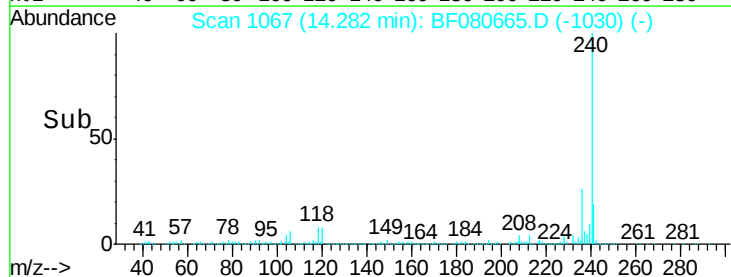
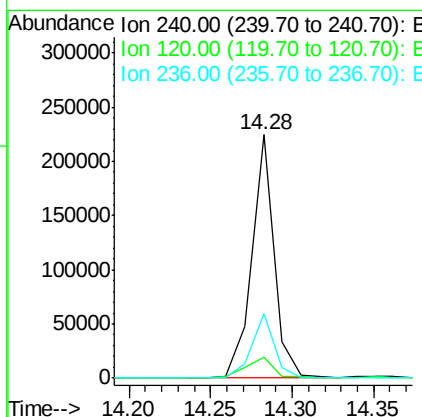
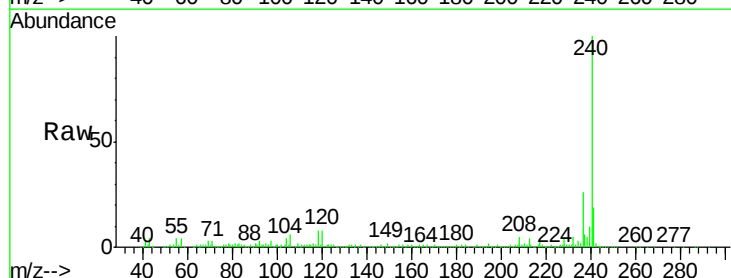
RT: 14.28 min Scan# 1067

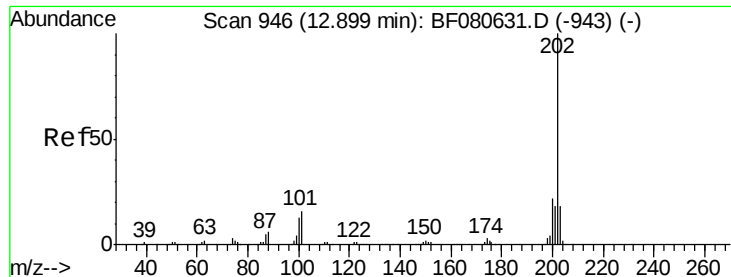
Delta R.T. 0.13 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	213594		
120	8.4	10.8	16.2#	
236	26.3	20.3	30.5	





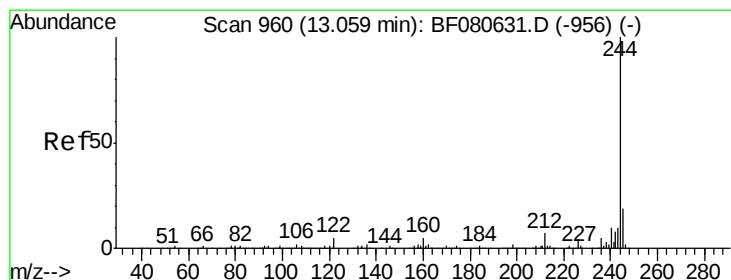
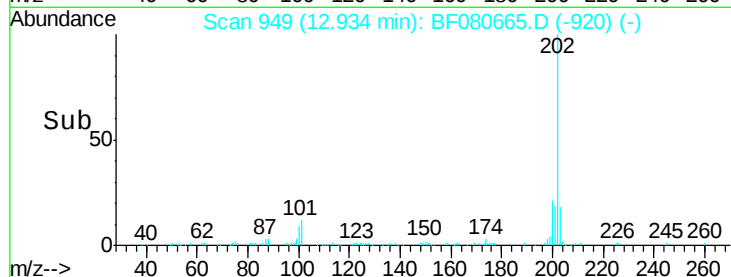
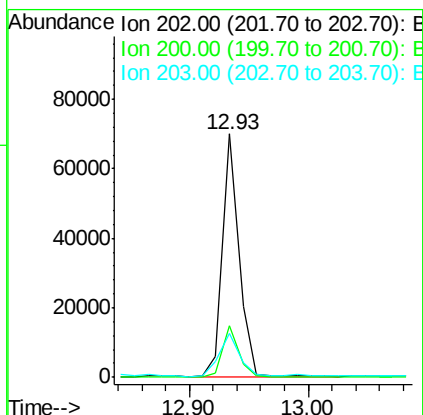
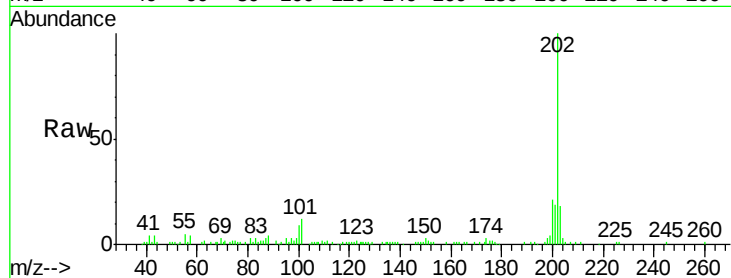
#77
Pyrene
Concen: 5.13 ng
RT: 12.93 min Scan# 949
Delta R.T. 0.03 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Instrument :
BNA_F
ClientSampleId :
CONC2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	17.4	26.0
203	18.0	14.6	22.0

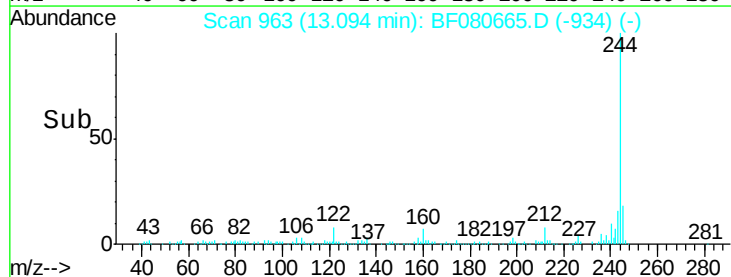
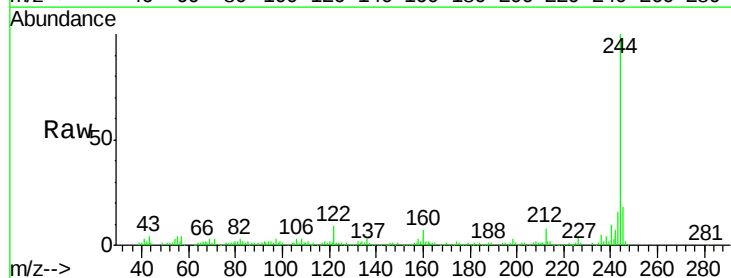
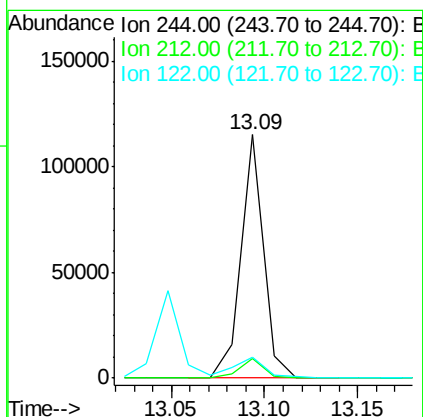
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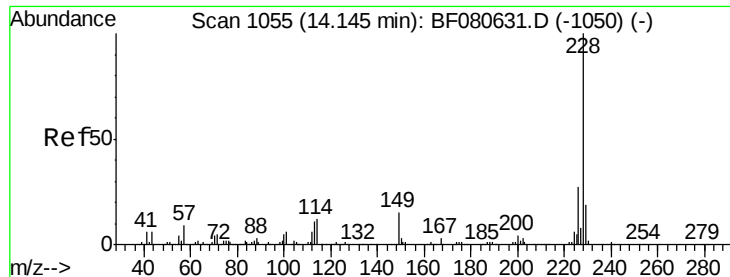
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#78
Terphenyl-d14
Concen: 9.82 ng
RT: 13.09 min Scan# 963
Delta R.T. 0.03 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.0	5.2	7.8#
122	8.5	4.1	6.1#





#80

Benzo(a)anthracene

Concen: 3.75 ng m

RT: 14.27 min Scan# 1066

Delta R.T. 0.13 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Instrument :

BNA_F

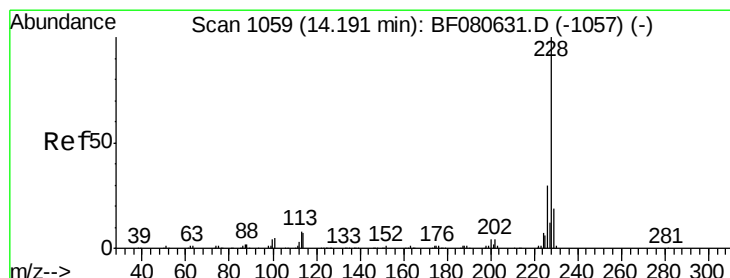
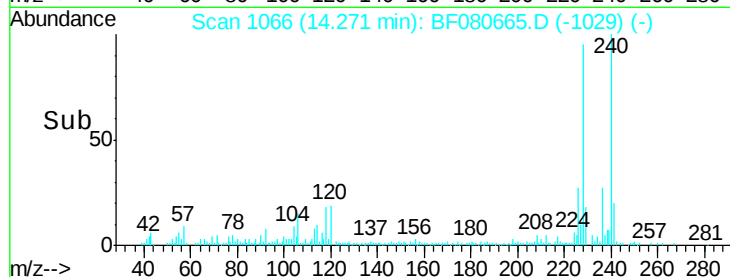
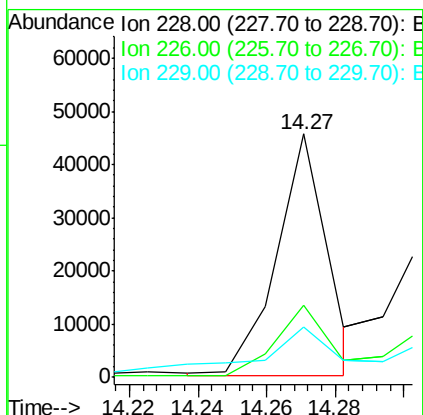
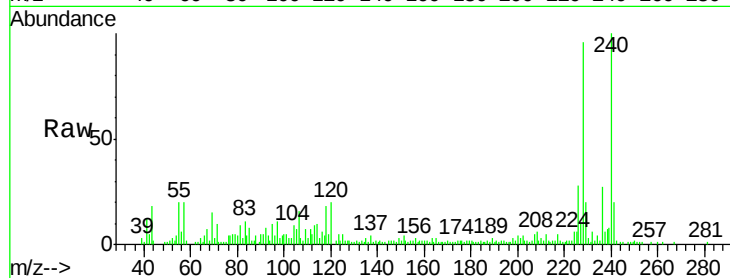
ClientSampleId :

CONC2RE

Tgt Ion:	228	Resp:	46964
Ion Ratio	Lower	Upper	
228	100		
226	29.5	21.4	32.0
229	20.7	15.4	23.0

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#82

Chrysene

Concen: 4.13 ng m

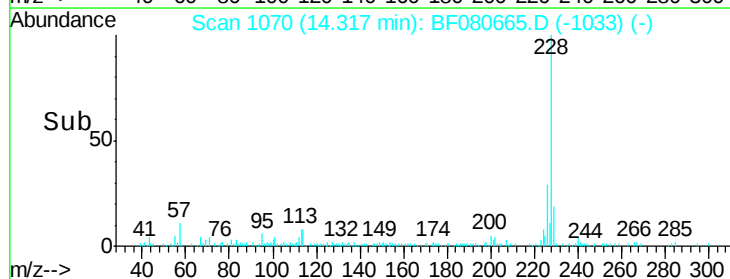
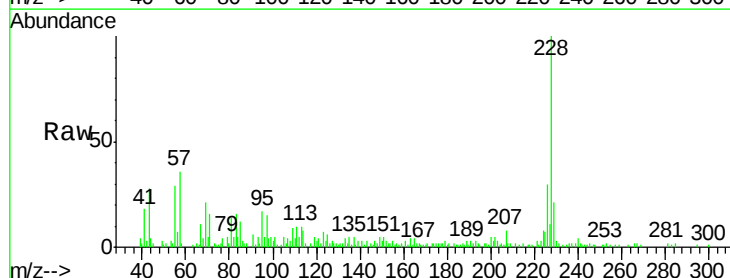
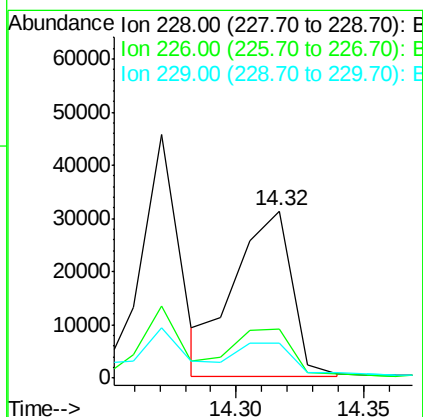
RT: 14.32 min Scan# 1070

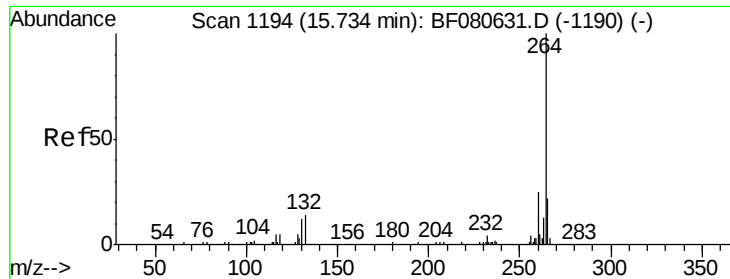
Delta R.T. 0.13 min

Lab File: BF080665.D

Acq: 25 Jul 2015 12:16

Tgt Ion:	228	Resp:	48470
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.2	36.4
229	20.9	15.4	23.2





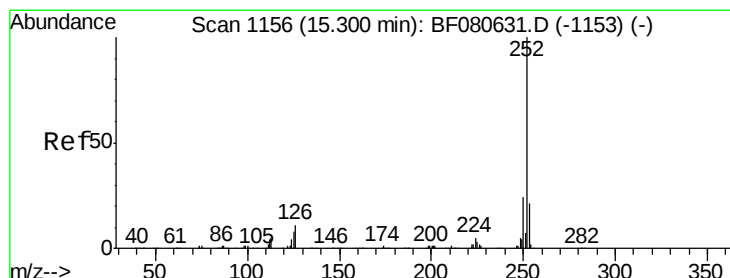
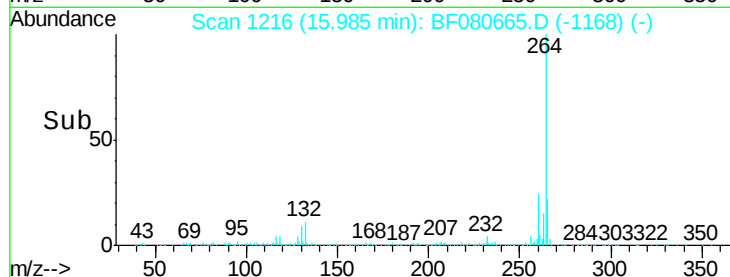
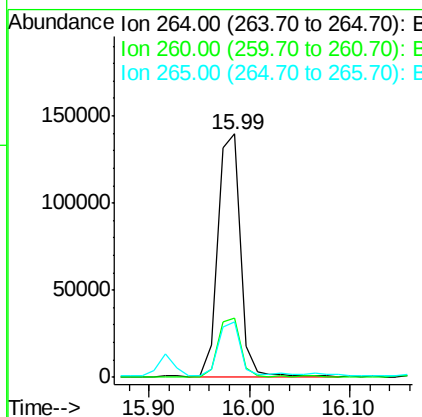
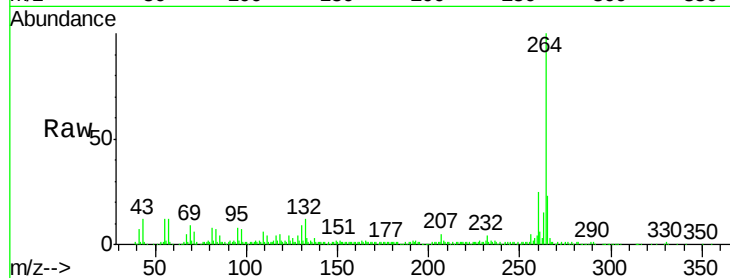
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1216
Delta R.T. 0.25 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Instrument :
BNA_F
ClientSampleId :
CONC2RE

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	216090		
260	24.5	20.1	30.1	
265	22.7	17.4	26.0	

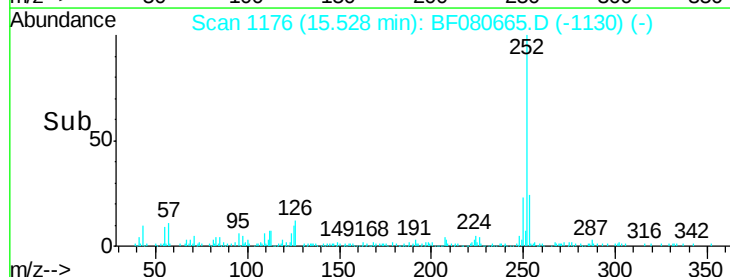
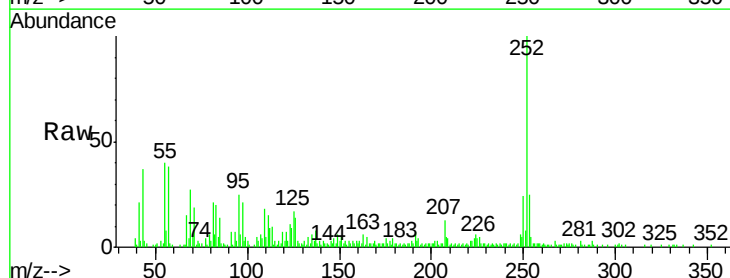
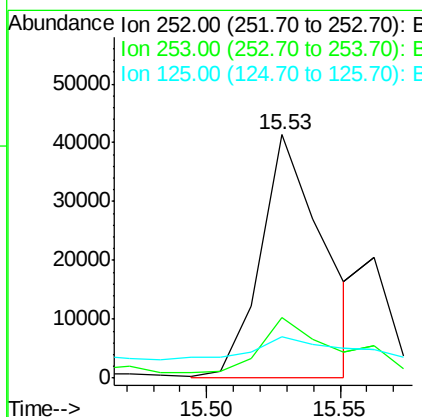
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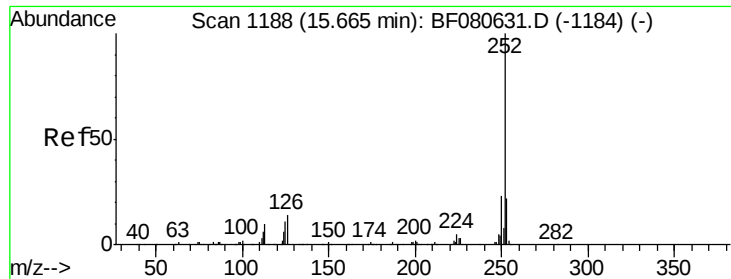
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#87
Benzo(b)fluoranthene
Concen: 5.14 ng m
RT: 15.53 min Scan# 1176
Delta R.T. 0.23 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

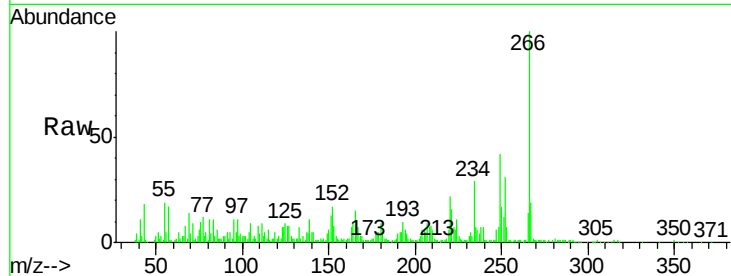
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	67362		
253	24.8	17.1	25.7	
125	16.8	6.5	9.7#	





#89
Benzo(a)pyrene
Concen: 3.81 ng
RT: 15.92 min Scan# 1210
Delta R.T. 0.25 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

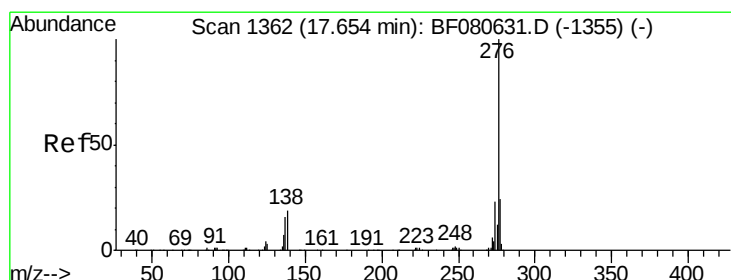
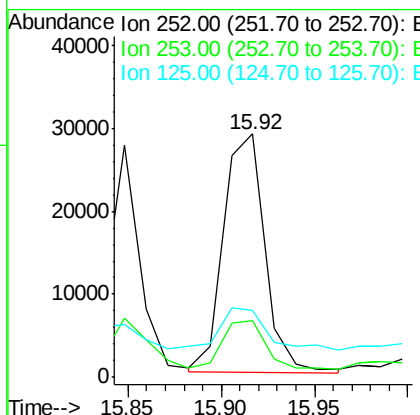
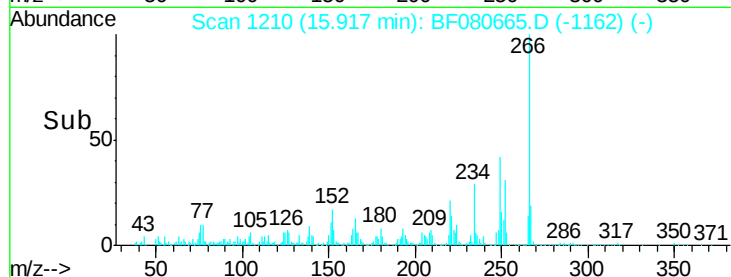
Instrument :
BNA_F
ClientSampleId :
CONC2RE



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.8	26.6
125	27.5	9.1	13.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.27 ng
RT: 17.93 min Scan# 1386
Delta R.T. 0.27 min
Lab File: BF080665.D
Acq: 25 Jul 2015 12:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	26.4	19.0	28.4
138	26.0	14.8	22.2

