

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076992.D
 Acq On : 21 Jan 2015 9:22
 Operator : IZ / TP
 Sample : G1111-05
 Misc : S
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBDC5-011615

Manual Integrations
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Quant Time: Jan 21 11:36:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	31034	20.00	ng	-0.11
21) Naphthalene-d8	10.81	136	132416m	20.00	ng	-0.11
38) Acenaphthene-d10	14.95	164	70431	20.00	ng	-0.13
63) Phenanthrene-d10	17.74	188	116591m	20.00	ng	-0.08
75) Chrysene-d12	21.24	240	111041	20.00	ng	-0.07
86) Perylene-d12	22.89	264	105553	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	4.98	112	216348	114.62	ng	-0.10
7) Phenol-d6	7.33	99	270140	113.45	ng	-0.09
23) Nitrobenzene-d5	9.21	82	169934	71.10	ng	-0.10
41) 2,4,6-Tribromophenol	16.63	330	54338m	95.05	ng	-0.09
44) 2-Fluorobiphenyl	13.48	172	227570	49.17	ng	-0.11
78) Terphenyl-d14	19.97	244	194024	40.23	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.92	77	31599m	21.22	ng	# 92
32) Benzoic acid	10.58	122	11678m	11.19	ng	
49) Dimethylphthalate	14.54	163	54263	10.86	ng	# 93
70) Phenanthrene	17.77	178	68173m	9.38	ng	
74) Fluoranthene	19.42	202	136465m	18.32	ng	# 96
77) Pyrene	19.71	202	104144	13.68	ng	
80) Benzo(a)anthracene	21.23	228	43780	6.28	ng	# 97
82) Chrysene	21.27	228	41455	6.52	ng	
83) Bis(2-ethylhexyl)phthalate	21.37	149	243986	51.16	ng	# 81
85) Indeno(1,2,3-cd)pyrene	24.00	276	24561m	3.65	ng	
87) Benzo(b)fluoranthene	22.48	252	51351m	7.22	ng	# 81
88) Benzo(k)fluoranthene	22.51	252	19668m	3.17	ng	
89) Benzo(a)pyrene	22.83	252	31474	5.02	ng	# 81
91) Benzo(a,h,i)perylene	24.30	276	22421m	3.92	ng	

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

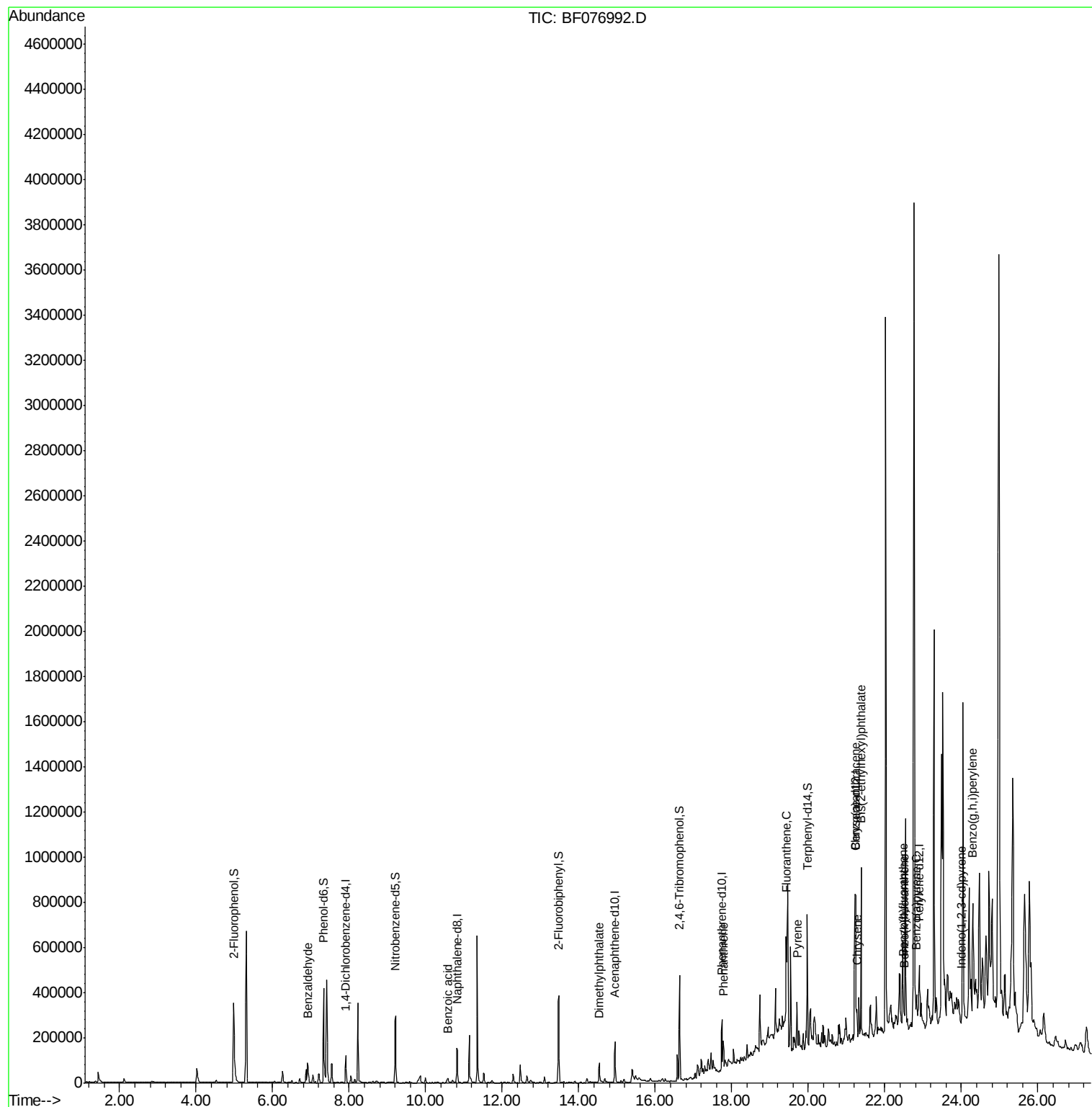
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
Data File : BF076992.D
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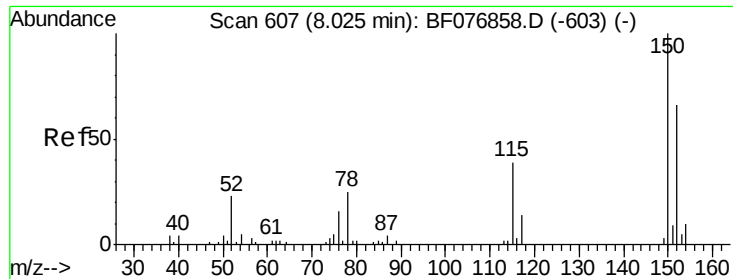
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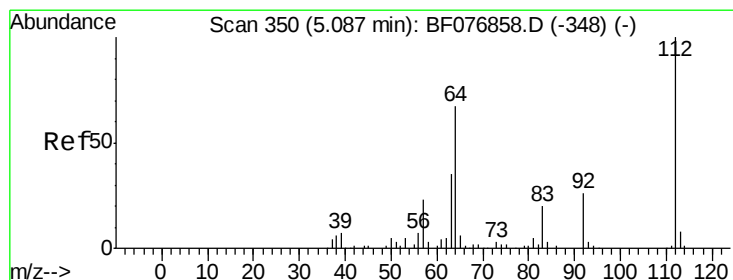
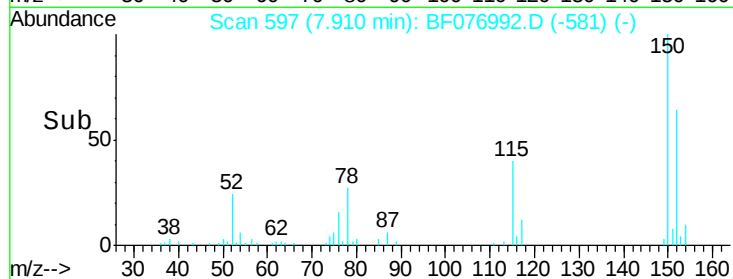
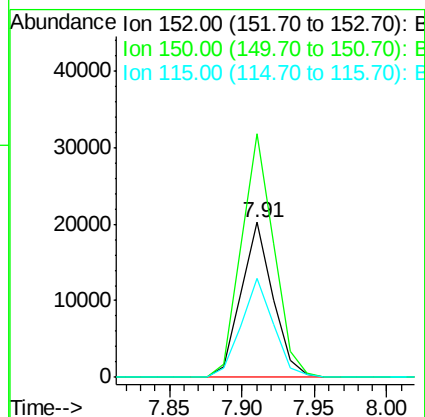
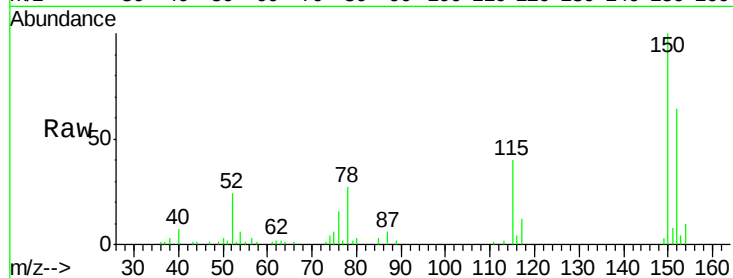
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.91 min Scan# 597
 Delta R.T. -0.11 min
 Lab File: BF076992.D
 Acq: 21 Jan 2015 9:22

Instrument :
 BNA_F
 ClientSampleId :
 RBDC5-011615

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.7	182.5
115	63.4	47.0	70.6

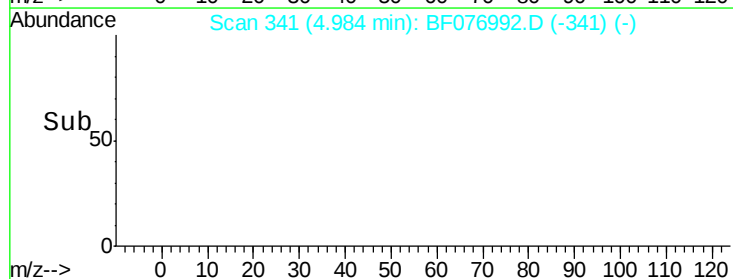
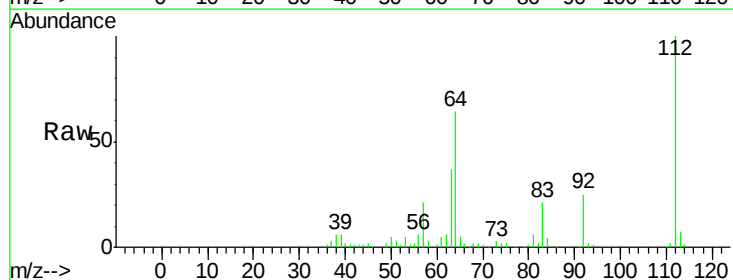
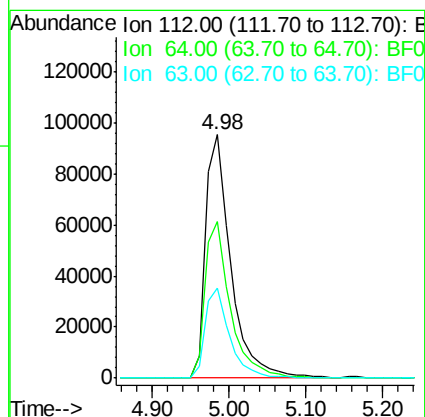
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#5
 2-Fluorophenol
 Concen: 114.62 ng
 RT: 4.98 min Scan# 341
 Delta R.T. -0.10 min
 Lab File: BF076992.D
 Acq: 21 Jan 2015 9:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	54.2	81.4
63	36.8	28.4	42.6





#7

Phenol-d6

Concen: 113.45 ng

RT: 7.33 min Scan# 546

Delta R.T. -0.09 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Instrument :

BNA_F

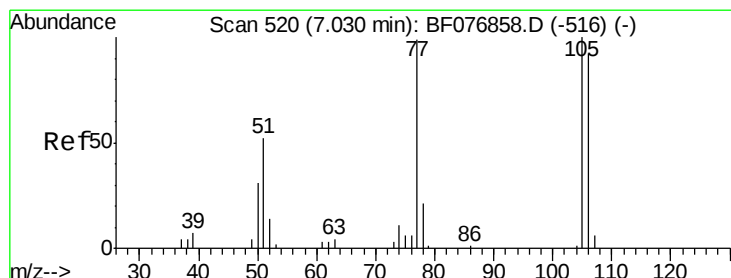
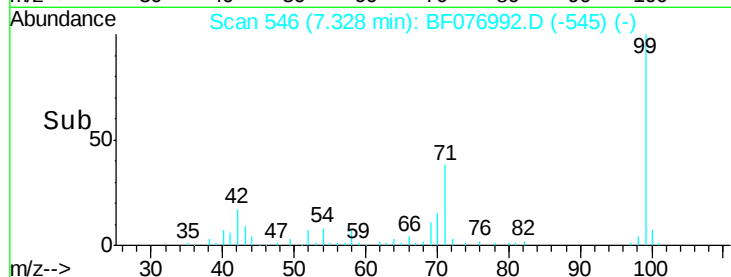
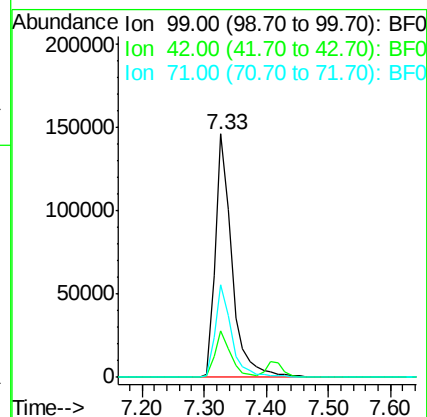
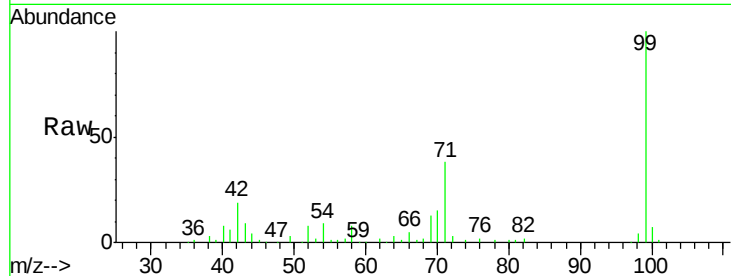
ClientSampleId :

RBDC5-011615

Tot Ion:	99	Resp:	270140
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.0	22.4
71	38.2	30.5	45.7

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#9

Benzaldehyde

Concen: 21.22 ng m

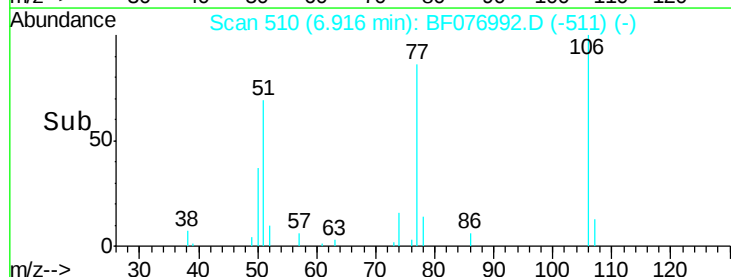
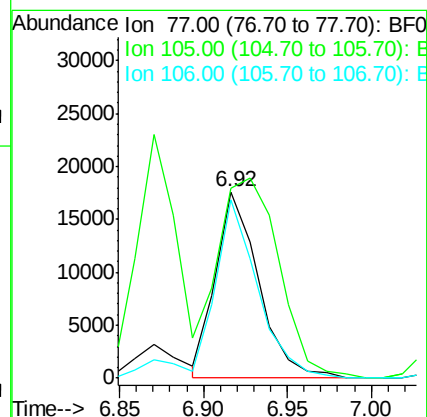
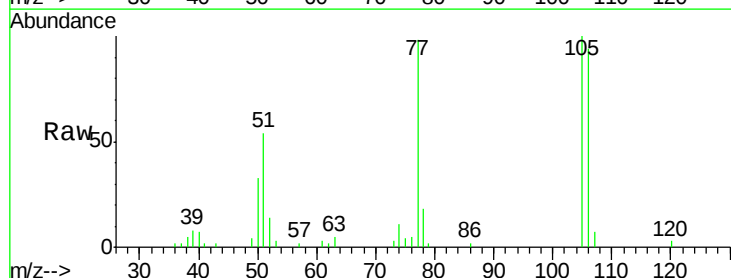
RT: 6.92 min Scan# 510

Delta R.T. -0.11 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Tgt Ion:	77	Resp:	31599
Ion Ratio	Lower	Upper	
77	100		
105	102.0	81.4	121.4
106	95.5	72.8	112.8





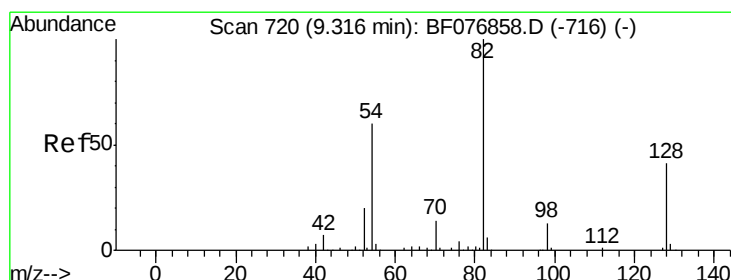
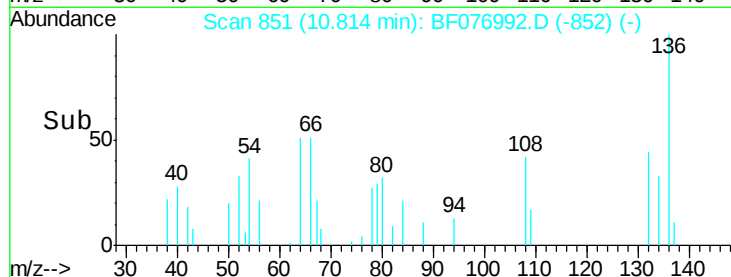
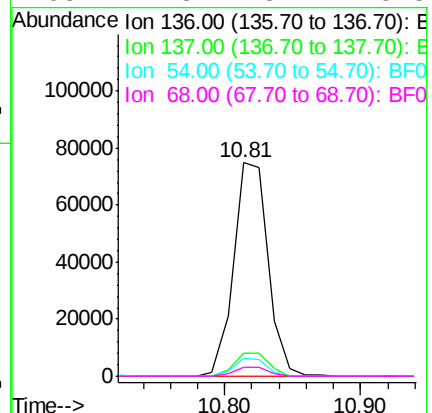
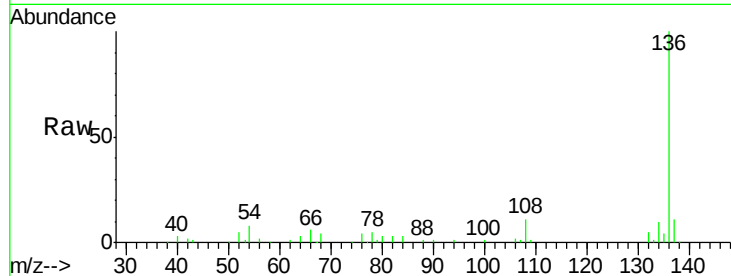
#21
Naphthalene-d8
Concen: 20.00 ng/ml
RT: 10.81 min Scan# 851
Delta R.T. -0.11 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Instrument :
BNA_F
ClientSampleId :
RBDC5-011615

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		132416		
137	10.8	8.1	12.1		
54	8.5	7.0	10.4		
68	4.3	3.7	5.5		

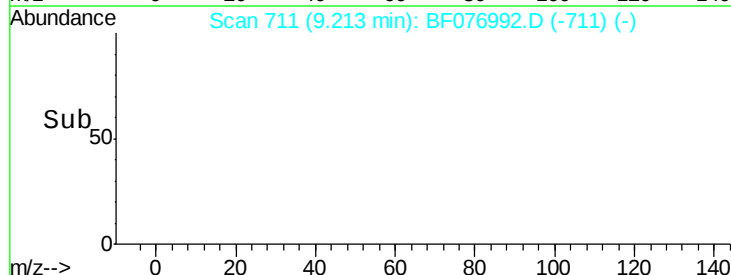
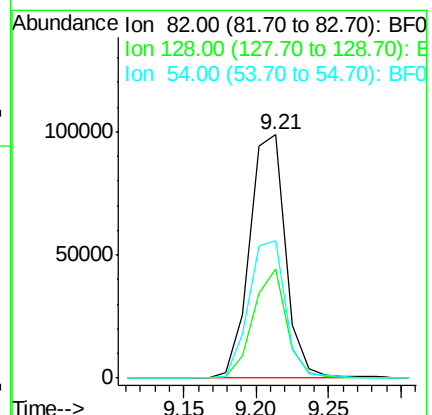
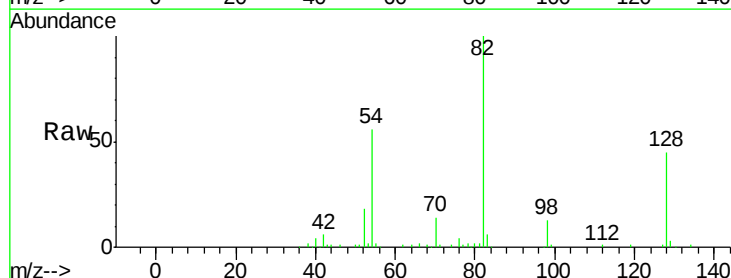
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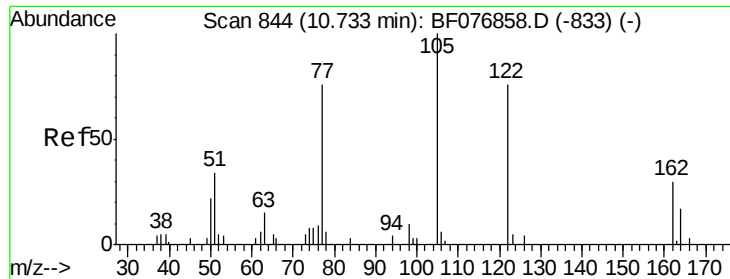
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#23
Nitrobenzene-d5
Concen: 71.10 ng
RT: 9.21 min Scan# 711
Delta R.T. -0.10 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		169934		
128	45.1	33.1	49.7		
54	56.4	48.3	72.5		





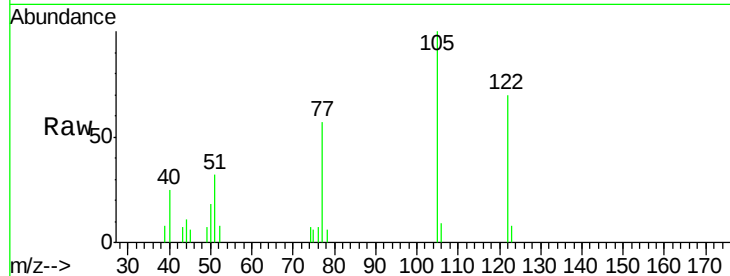
#32
Benzoic acid
Concen: 11.19 ng/ml
RT: 10.58 min Scan# 831
Delta R.T. -0.15 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Instrument :
BNA_F
ClientSampleId :
RBC5-011615

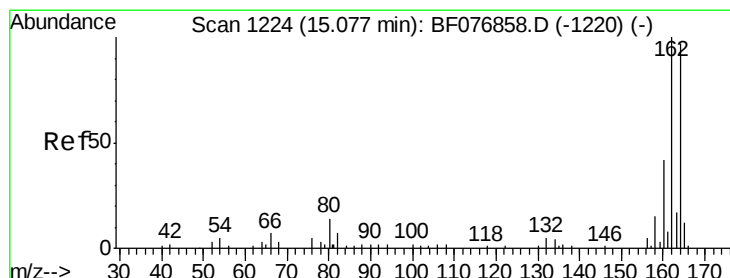
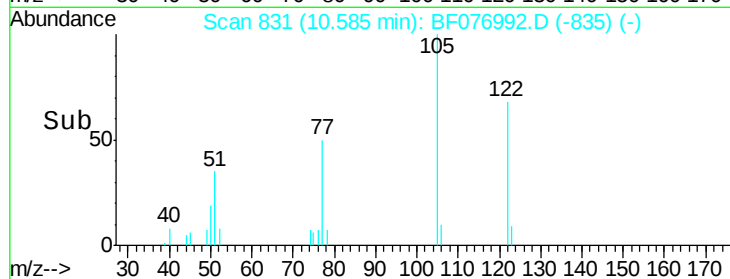
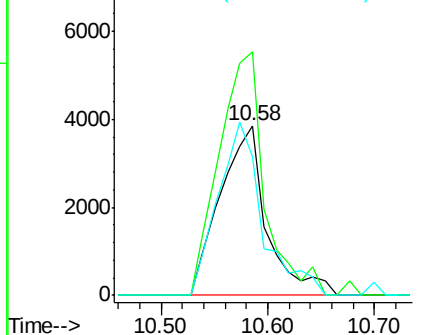
Tot Ion	Ratio	Lower	Upper
122	100		
105	143.5	111.3	151.3
77	82.1	79.2	119.2

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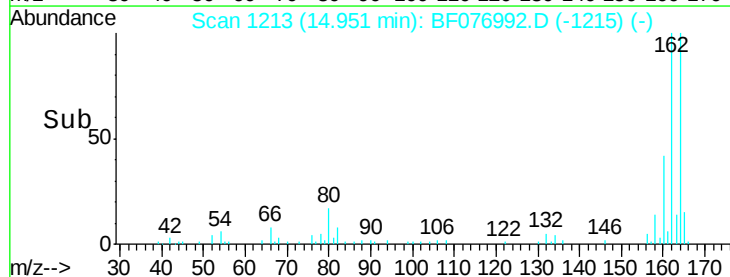
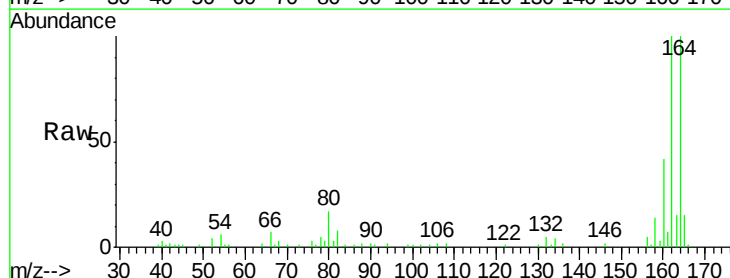
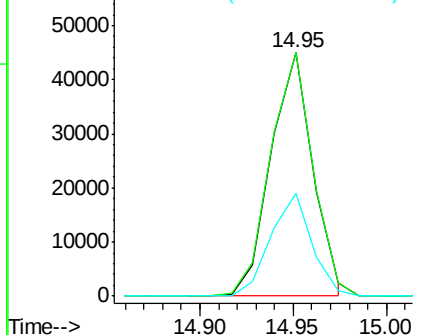
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

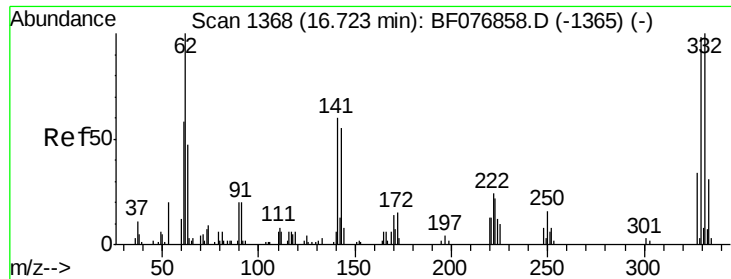


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. -0.13 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.4	123.6
160	42.3	34.8	52.2

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





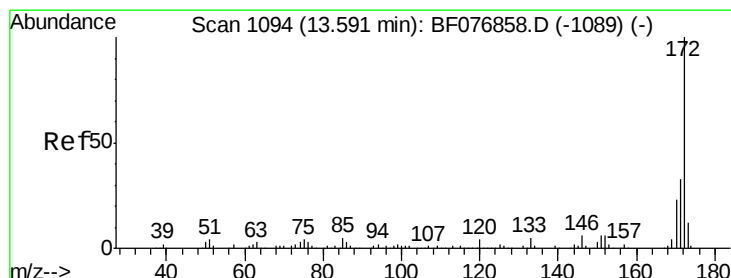
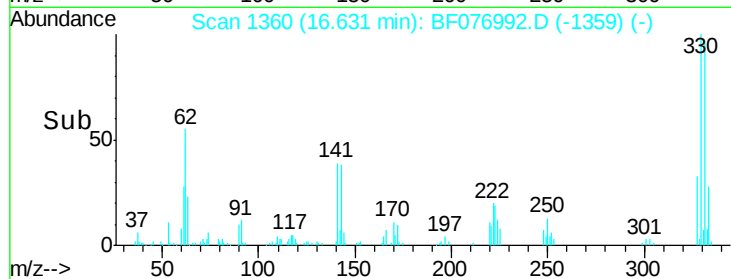
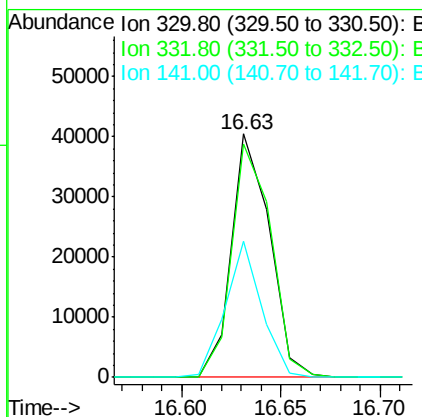
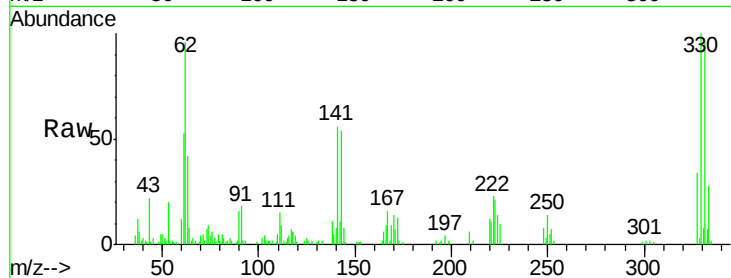
#41
 2,4,6-Tribromophenol
 Concen: 95.05 ng/ml
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.09 min
 Lab File: BF076992.D
 Acq: 21 Jan 2015 9:22

Instrument :
 BNA_F
 ClientSampleId :
 RBDC5-011615

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	0.0	77.8	116.6	#
141	0.0	38.5	57.7	#

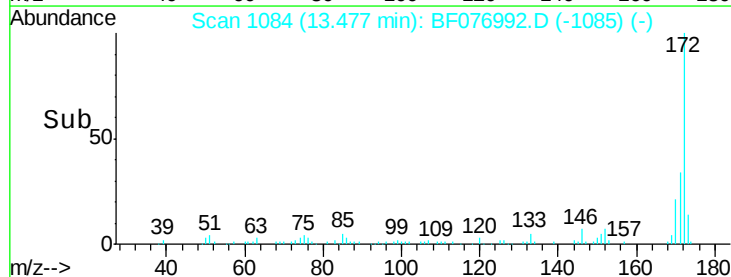
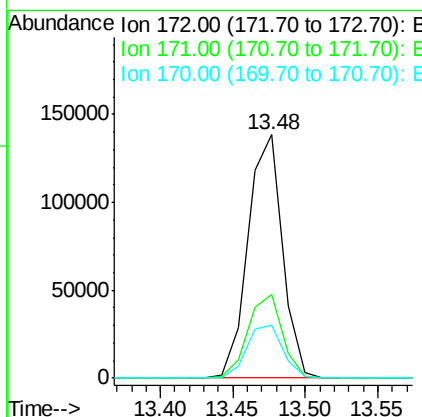
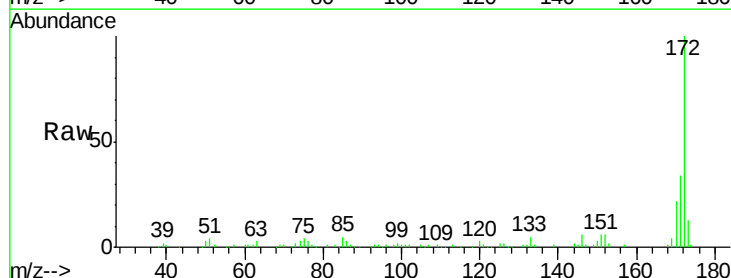
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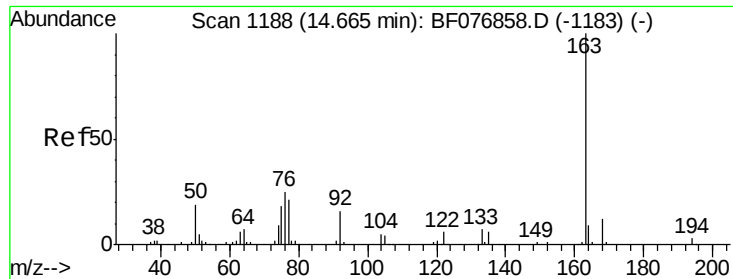
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#44
 2-Fluorobiphenyl
 Concen: 49.17 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.11 min
 Lab File: BF076992.D
 Acq: 21 Jan 2015 9:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.2	26.6	40.0	
170	21.8	18.0	27.0	





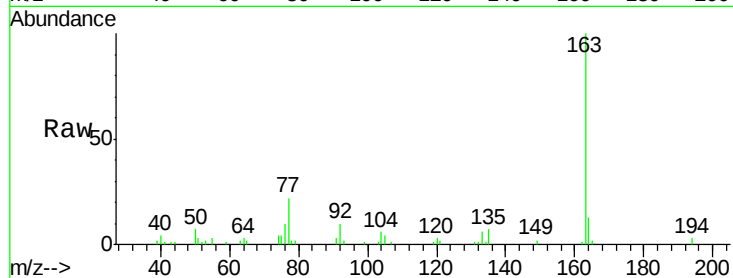
#49
Dimethylphthalate
Concen: 10.86 ng
RT: 14.54 min Scan# 1177
Delta R.T. -0.13 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Instrument :
BNA_F
ClientSampleId :
RBDC5-011615

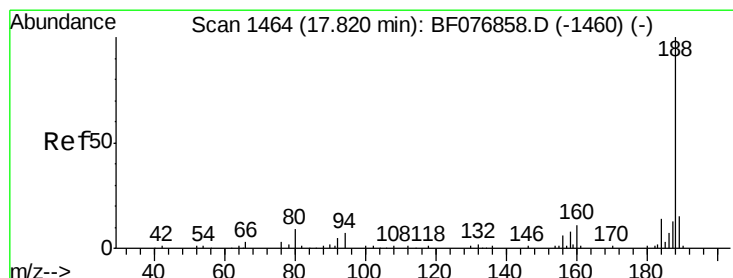
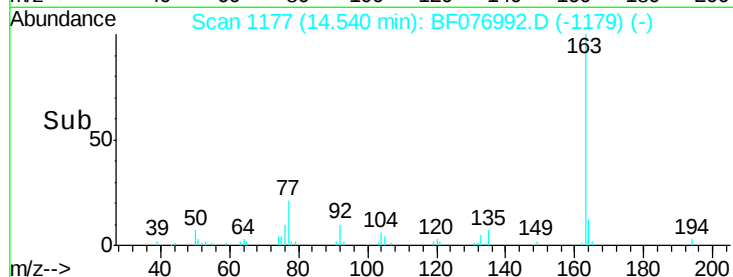
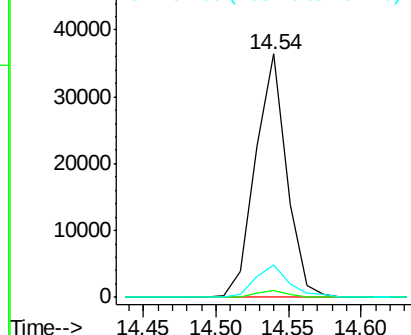
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.6	4.0
164	13.4	7.5	11.3

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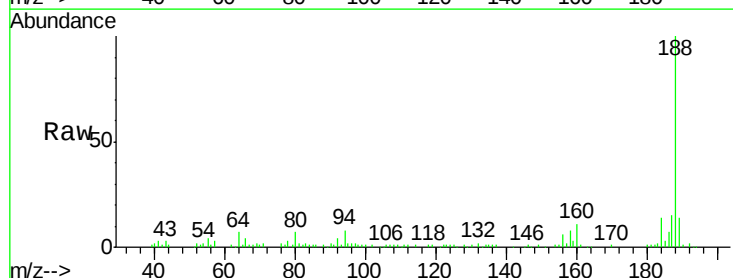


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

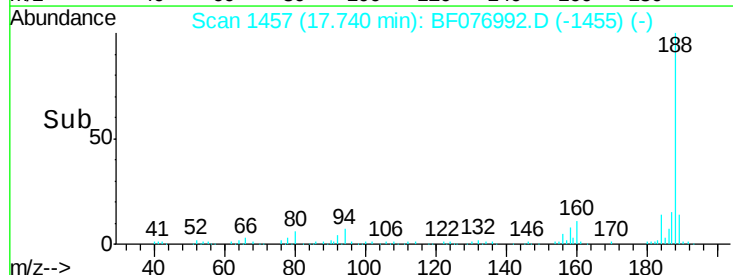
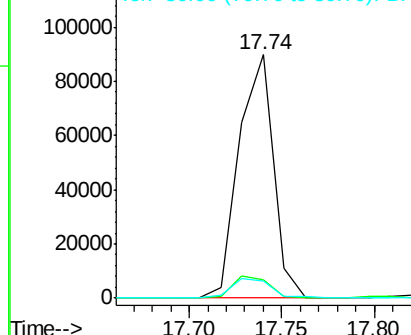


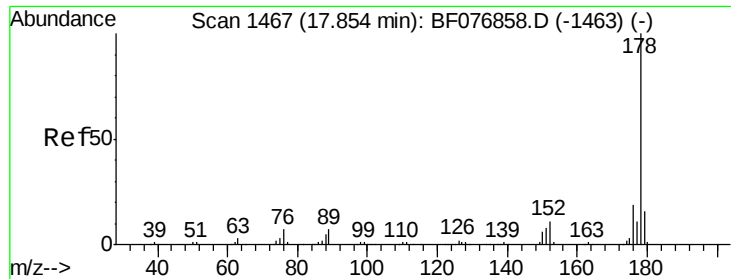
#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 17.74 min Scan# 1457
Delta R.T. -0.08 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	6.0	9.0
80	7.0	6.9	10.3



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





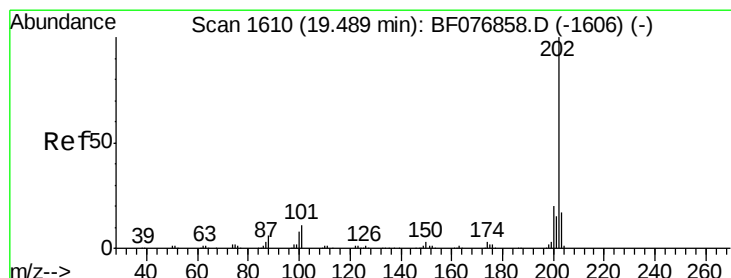
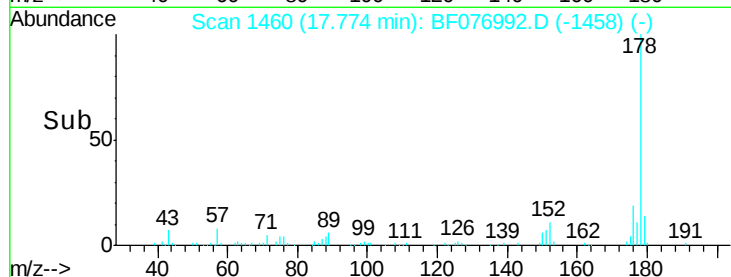
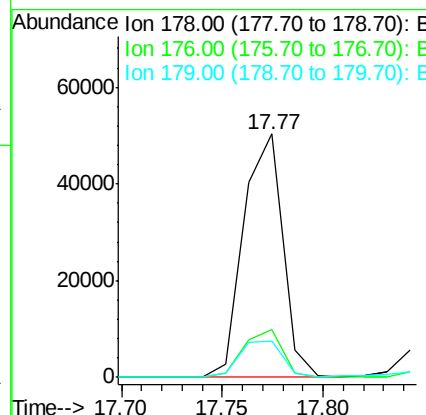
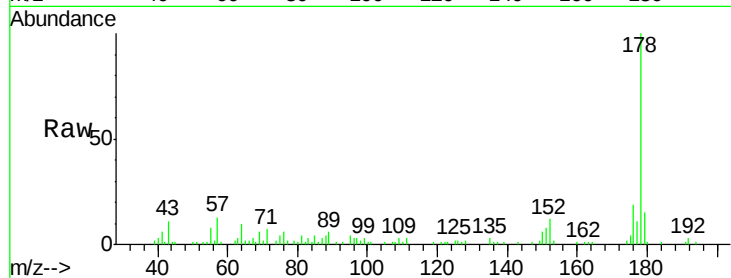
#70
Phenanthrene
Concen: 9.38 ng m
RT: 17.77 min Scan# 1460
Delta R.T. -0.08 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Instrument :
BNA_F
ClientSampleId :
RBDC5-011615

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	14.6	12.7	19.1

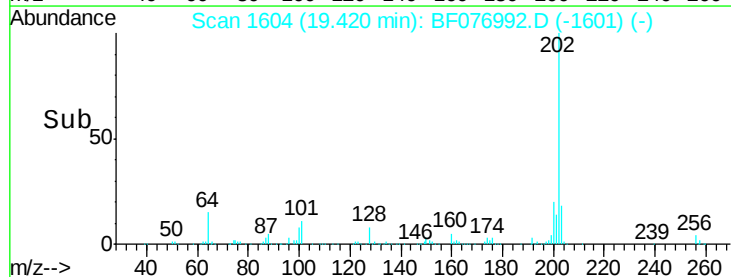
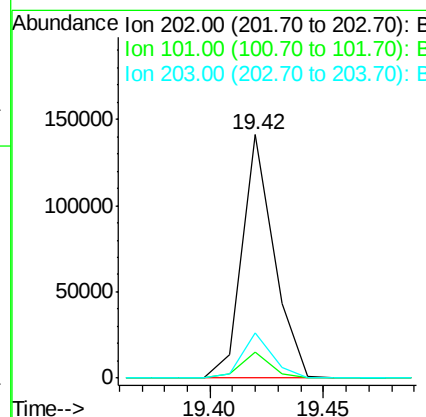
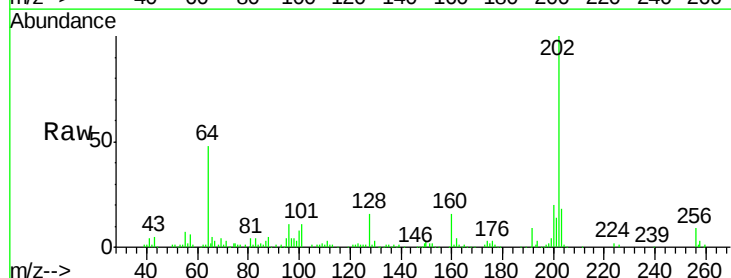
Manual Integrations
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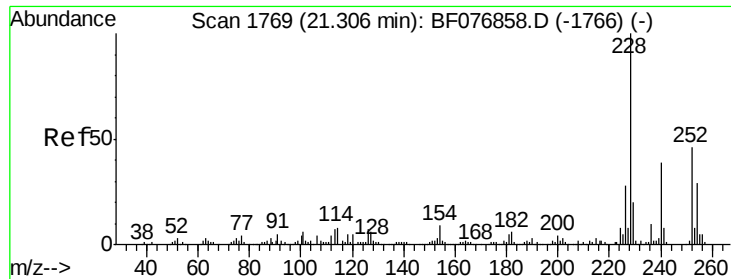
tejaskumar
1/21/2015 5:30:42 PM



#74
Fluoranthene
Concen: 18.32 ng m
RT: 19.42 min Scan# 1604
Delta R.T. -0.07 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.7
203	18.4	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 1763

Delta R.T. -0.07 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Instrument :

BNA_F

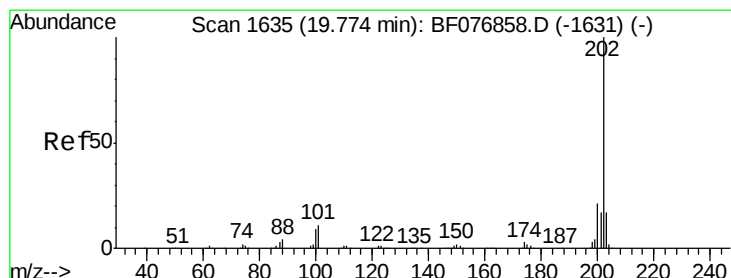
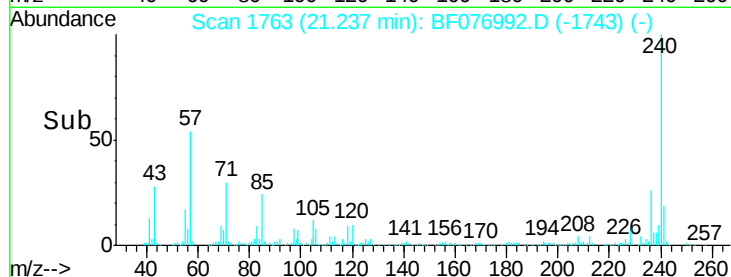
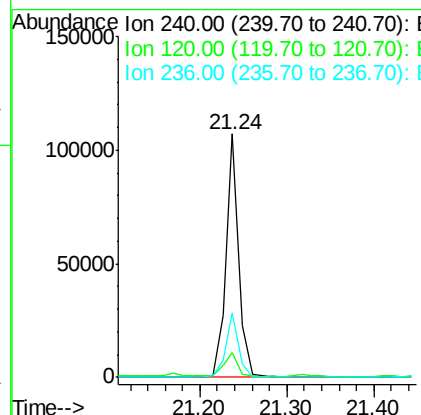
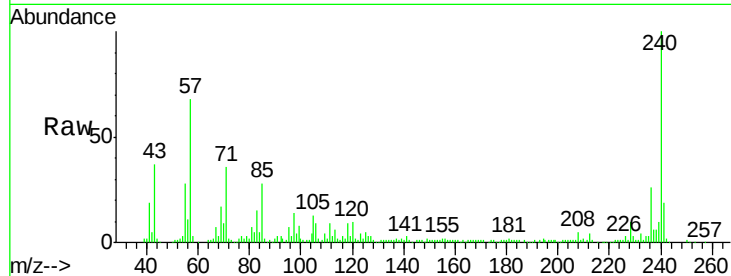
ClientSampleId :

RBDC5-011615

Tot Ion	Ratio	Resp	Lower	Upper
240	100	111041		
120	10.3	10.4	15.6#	
236	26.2	20.2	30.2	

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#77

Pyrene

Concen: 13.68 ng

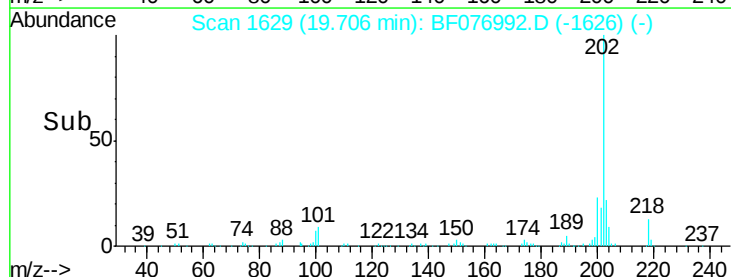
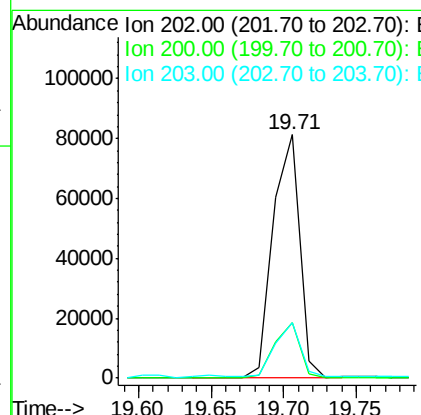
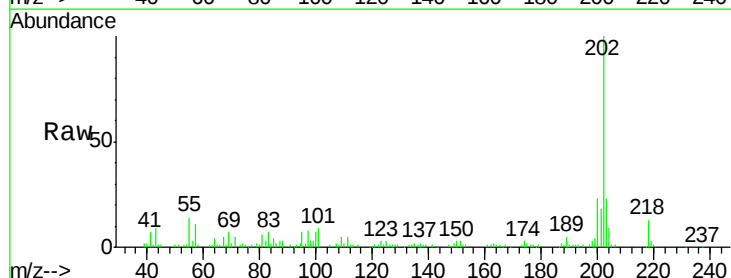
RT: 19.71 min Scan# 1629

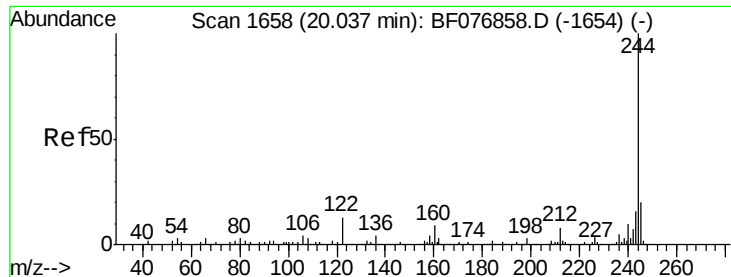
Delta R.T. -0.07 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	104144		
200	22.5	16.7	25.1	
203	22.7	14.0	21.0#	





#78

Terphenyl-d14

Concen: 40.23 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.07 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Instrument :

BNA_F

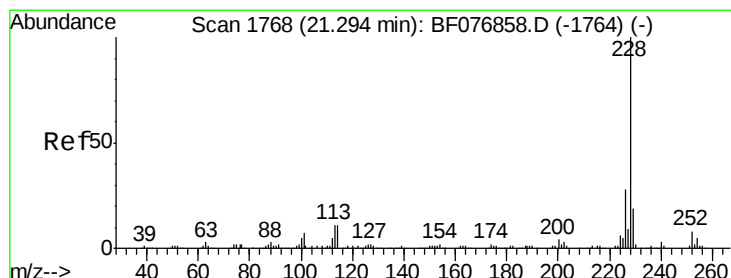
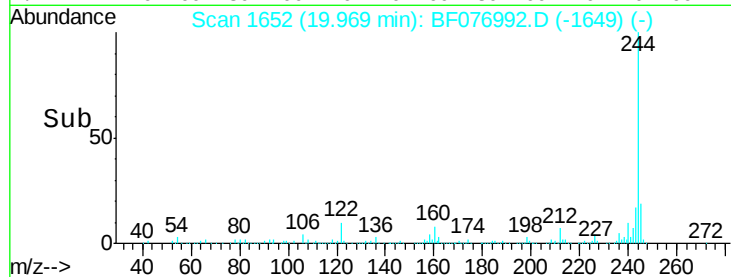
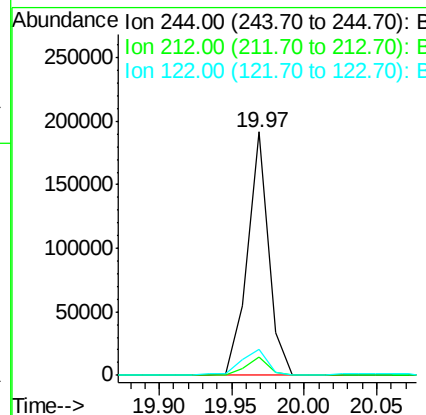
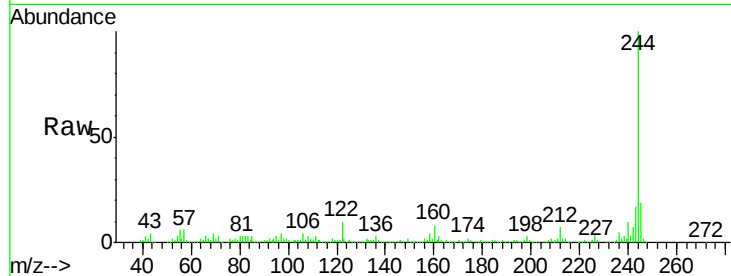
ClientSampleId :

RBDC5-011615

Tot Ion:	244	Resp:	194024
Ion Ratio		Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.4	10.1	15.1

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#80

Benzo(a)anthracene

Concen: 6.28 ng

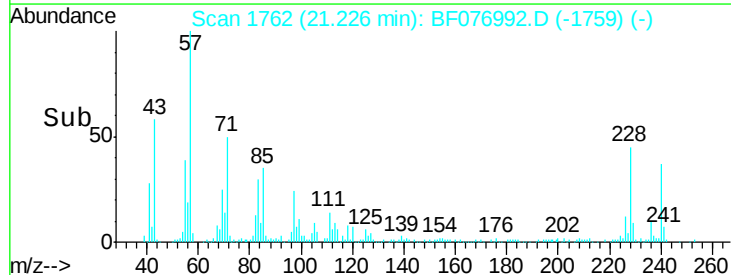
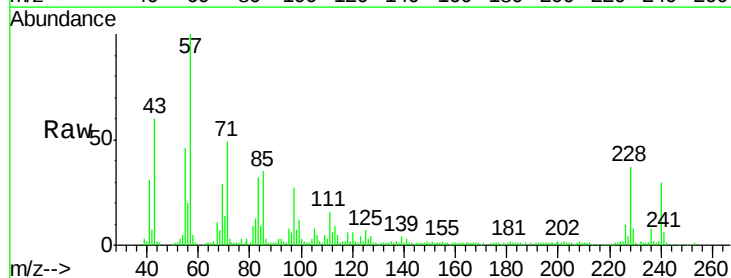
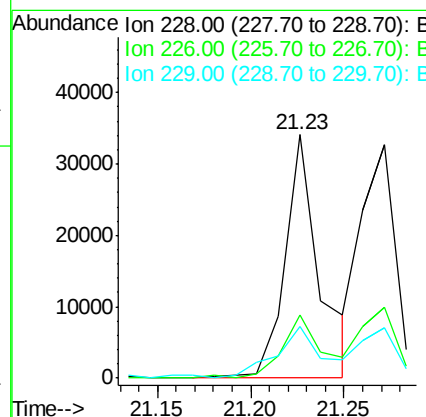
RT: 21.23 min Scan# 1762

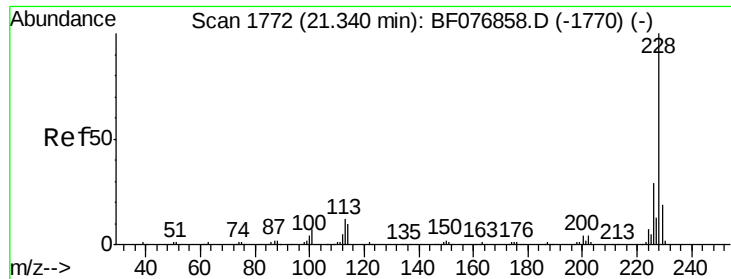
Delta R.T. -0.07 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Tgt Ion:	228	Resp:	43780
Ion Ratio		Lower	Upper
228	100		
226	25.9	22.1	33.1
229	21.2	15.5	23.3





#82

Chrysene

Concen: 6.52 ng

RT: 21.27 min Scan# 1766

Delta R.T. -0.07 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Instrument :

BNA_F

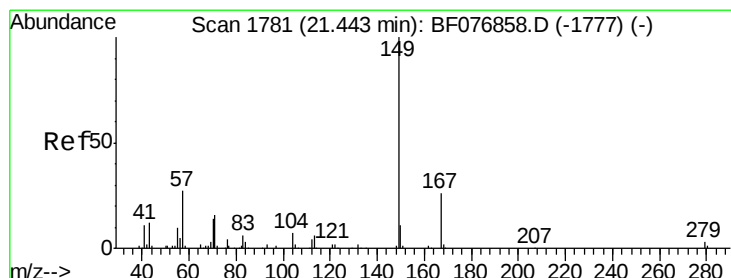
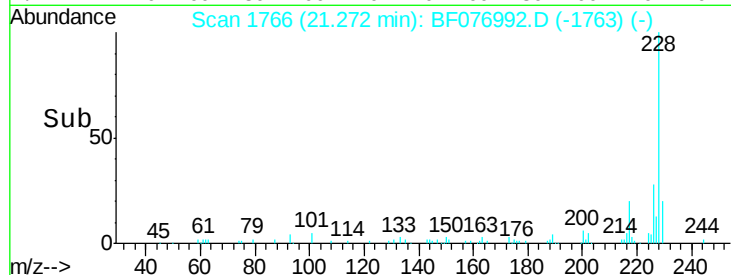
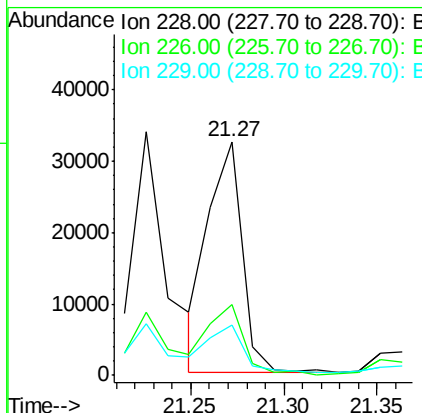
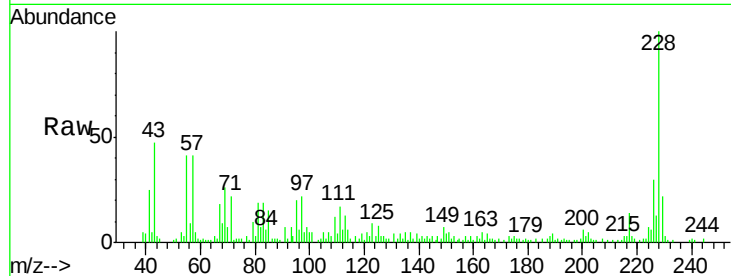
ClientSampleId :

RBDC5-011615

Tot Ion:	228	Resp:	41455
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	21.6	15.4	23.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 51.16 ng

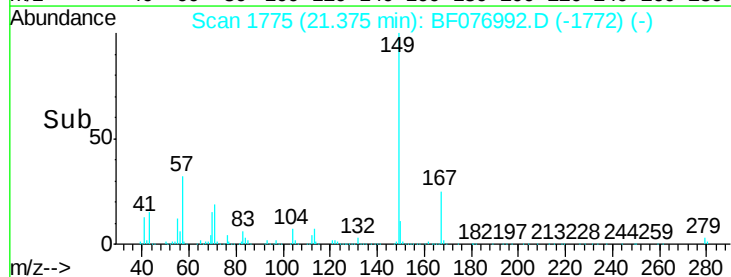
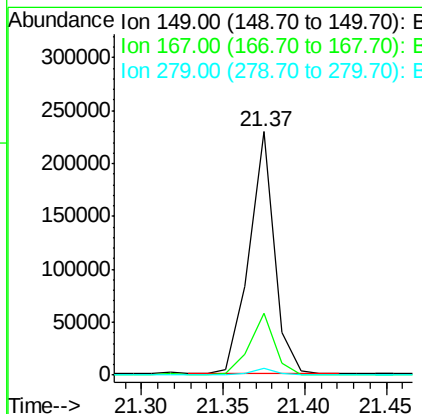
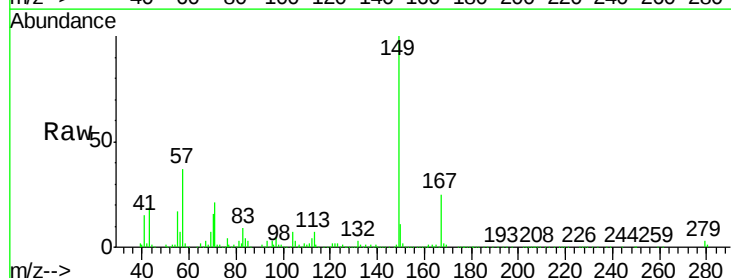
RT: 21.37 min Scan# 1775

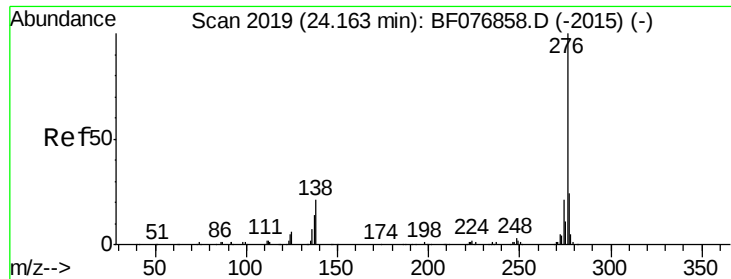
Delta R.T. -0.07 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Tgt Ion:	149	Resp:	243986
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.6	30.8
279	2.8	2.2	3.2





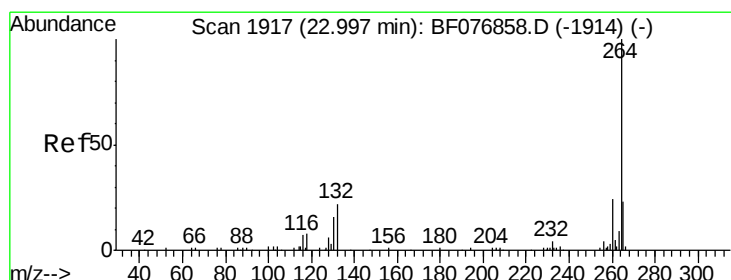
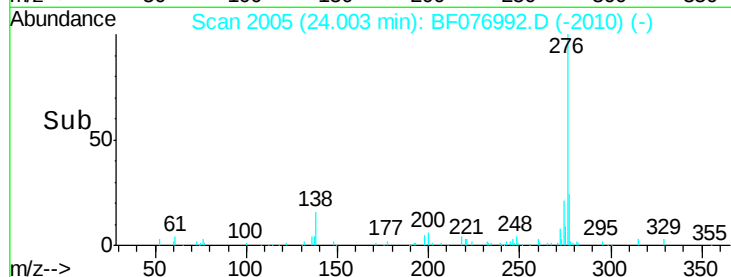
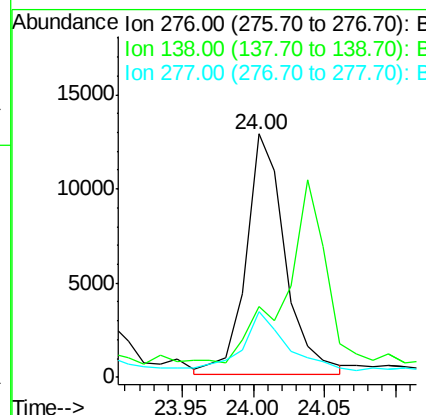
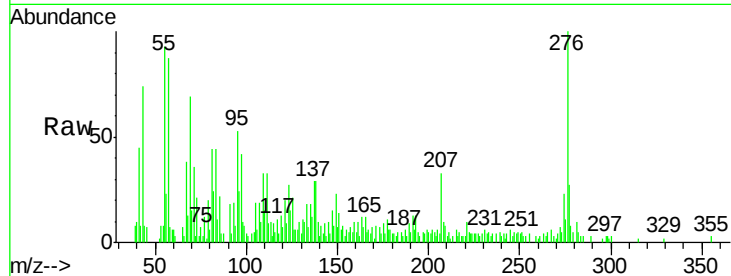
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.65 ng/ml
RT: 24.00 min Scan# 2005
Delta R.T. -0.16 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Instrument :
BNA_F
ClientSampleId :
RBDC5-011615

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.6	22.0#
277	0.0	14.8	22.2#

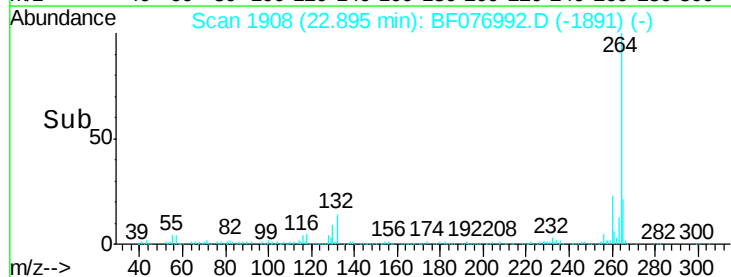
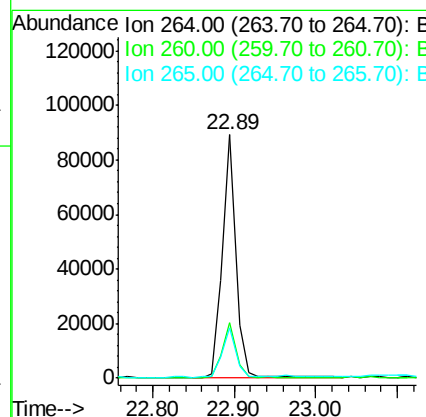
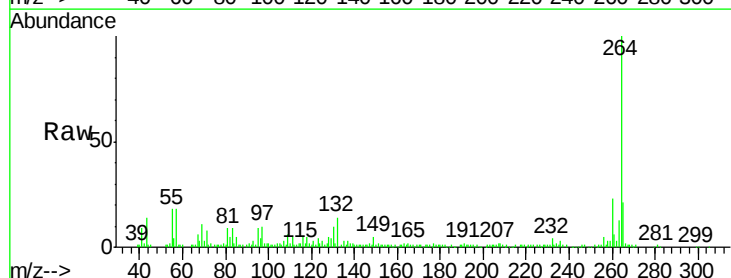
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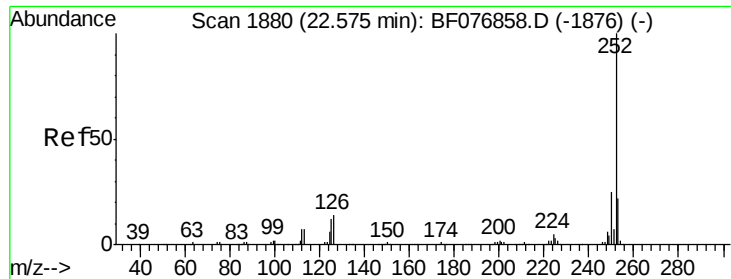
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#86
Perylene-d12
Concen: 20.00 ng
RT: 22.89 min Scan# 1908
Delta R.T. -0.10 min
Lab File: BF076992.D
Acq: 21 Jan 2015 9:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	20.8	18.1	27.1





#87

Benzo(b)fluoranthene

Concen: 7.22 ng m

RT: 22.48 min Scan# 1872

Delta R.T. -0.09 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Instrument :

BNA_F

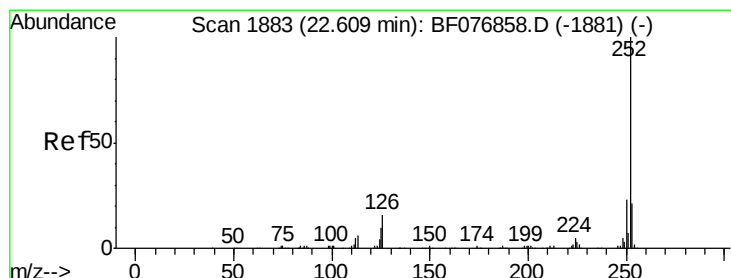
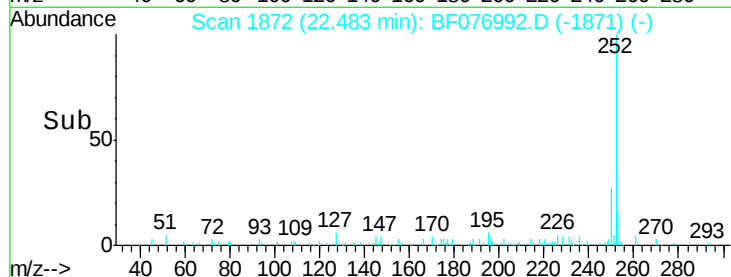
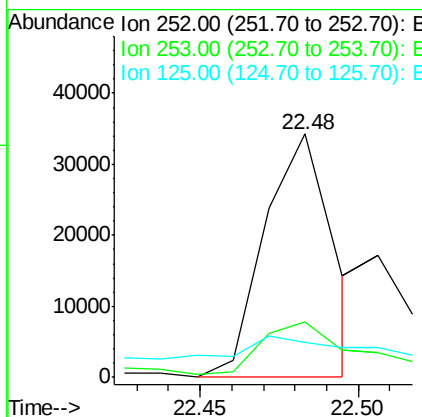
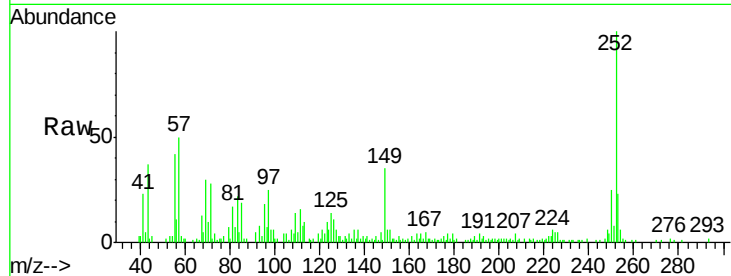
ClientSampleId :

RBDC5-011615

Tot Ion:	252	Resp:	51351
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	14.4	9.4	14.0#

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#88

Benzo(k)fluoranthene

Concen: 3.17 ng m

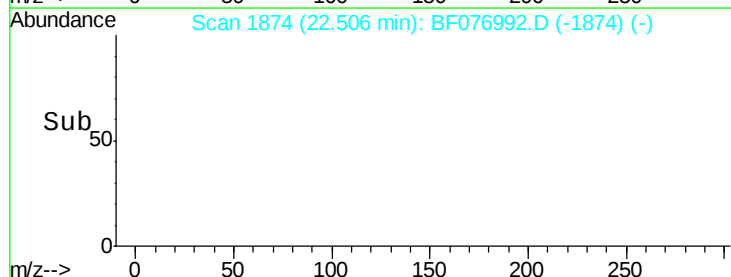
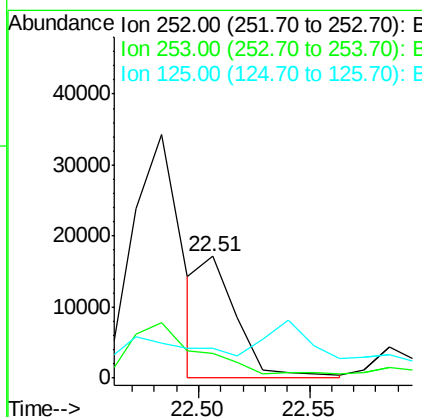
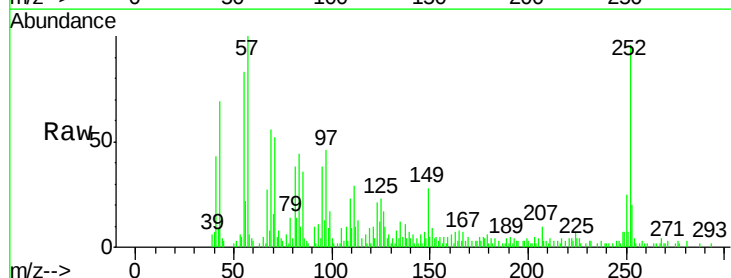
RT: 22.51 min Scan# 1874

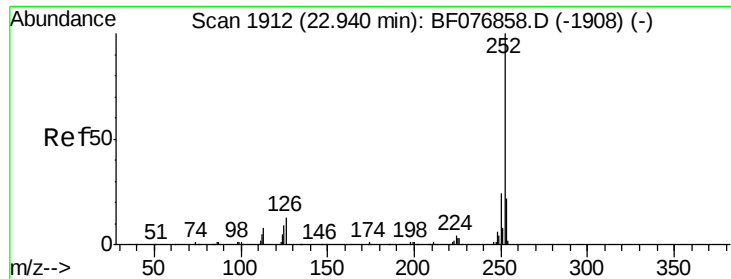
Delta R.T. -0.10 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Tgt Ion:	252	Resp:	19668
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.2	25.8
125	24.1	7.1	10.7#





#89

Benzo(a)pyrene

Concen: 5.02 ng

RT: 22.83 min Scan# 1902

Delta R.T. -0.11 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Instrument :

BNA_F

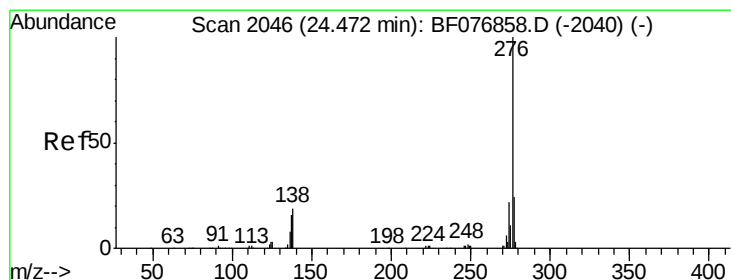
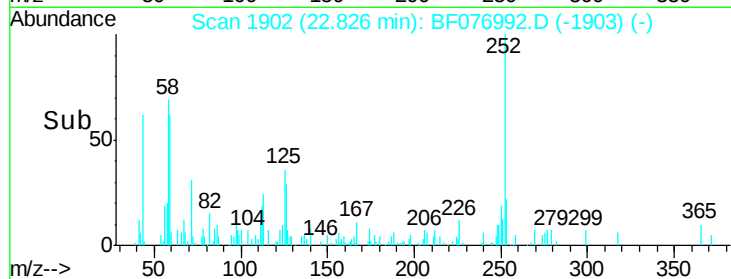
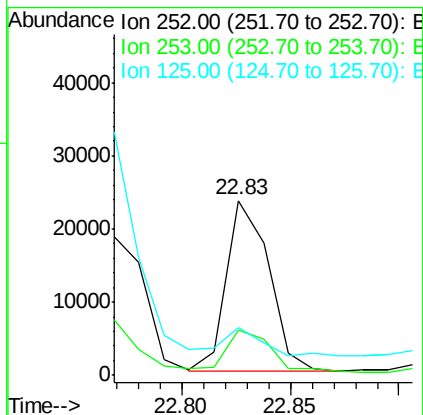
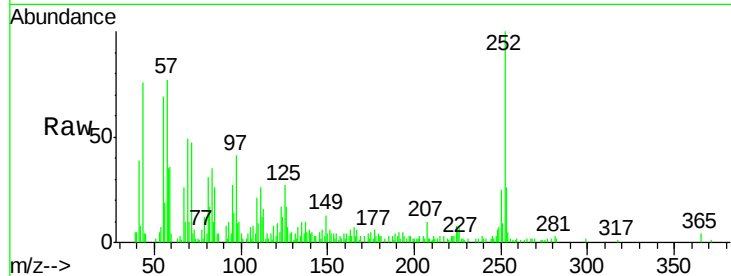
ClientSampleId :

RBDC5-011615

Tot Ion:	252	Resp:	31474
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.9	26.9
125	27.0	7.2	10.8#

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#91

Benzo(g,h,i)perylene

Concen: 3.92 ng

RT: 24.30 min Scan# 2031

Delta R.T. -0.17 min

Lab File: BF076992.D

Acq: 21 Jan 2015 9:22

Tgt Ion:	276	Resp:	22421
Ion Ratio	Lower	Upper	
276	100		
277	28.7	19.5	29.3
138	37.9	15.0	22.6#

