

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079666.D
 Acq On : 3 Jun 2015 17:03
 Operator : TP/IZ
 Sample : PB83713BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Manual Integrations
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apatel
 6/5/2015 8:06:03 AM

Quant Time: Jun 05 11:27:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 10:52:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	96501	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	361356	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	188663	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	359102	20.00	ng	-0.02
75) Chrysene-d12	15.18	240	371061	20.00	ng	-0.21
86) Perylene-d12	17.18	264	348772	20.00	ng	-0.31

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	411276	77.41	ng	0.00
7) Phenol-d6	7.11	99	568407	81.23	ng	0.00
23) Nitrobenzene-d5	8.08	82	498830	80.95	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	120298	77.26	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	1048586	84.08	ng	0.00
78) Terphenyl-d14	13.84	244	1279131	87.59	ng	-0.11

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	92840	37.72	ng	98
3) Pyridine	4.30	79	291318	41.18	ng	89
4) n-Nitrosodimethylamine	4.23	42	128251	40.67	ng	99
6) Aniline	7.18	93	393502	39.23	ng	99
8) 2-Chlorophenol	7.30	128	251509	40.65	ng	97
9) Benzaldehyde	7.06	77	162931	40.21	ng	99
10) Phenol	7.12	94	302018	40.30	ng	98
11) bis(2-Chloroethyl)ether	7.23	93	237006	39.67	ng	98
12) 1,3-Dichlorobenzene	7.46	146	282908	39.99	ng	99
13) 1,4-Dichlorobenzene	7.54	146	285011	39.40	ng	98
14) 1,2-Dichlorobenzene	7.69	146	260188m	39.73	ng	
15) Benzyl Alcohol	7.63	79	199566	39.17	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.78	45	394957	39.65	ng	99
17) 2-Methylphenol	7.74	107	201573	39.46	ng	98
18) Hexachloroethane	8.04	117	94497	39.90	ng	95
19) n-Nitroso-di-n-propylamine	7.91	70	206821	43.24	ng	97
20) 3+4-Methylphenols	7.88	107	265260	39.21	ng	99
22) Acetophenone	7.92	105	343926	40.67	ng	99
24) Nitrobenzene	8.09	77	253398	41.84	ng	98
25) Isophorone	8.33	82	513208	41.67	ng	100
26) 2-Nitrophenol	8.41	139	85260	42.63	ng	95
27) 2,4-Dimethylphenol	8.43	122	223752	39.69	ng	98
28) bis(2-Chloroethoxy)methane	8.52	93	290729	41.09	ng	99
29) 2,4-Dichlorophenol	8.65	162	212748	42.32	ng	98
30) 1,2,4-Trichlorobenzene	8.75	180	230221	40.64	ng	98
31) Naphthalene	8.83	128	748426	39.62	ng	99
32) Benzoic acid	8.49	122	68758	44.13	ng	# 86
33) 4-Chloroaniline	8.87	127	413775	40.28	ng	98
34) Hexachlorobutadiene	8.95	225	133650	42.09	ng	96
35) Caprolactam	9.20	113	61385	44.35	ng	# 61
36) 4-Chloro-3-methylphenol	9.32	107	203797	39.72	ng	97
37) 2-Methylnaphthalene	9.53	142	516965	41.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	245423	40.54	ng	98
40) Hexachlorocyclopentadiene	9.69	237	104071	36.05	ng	98

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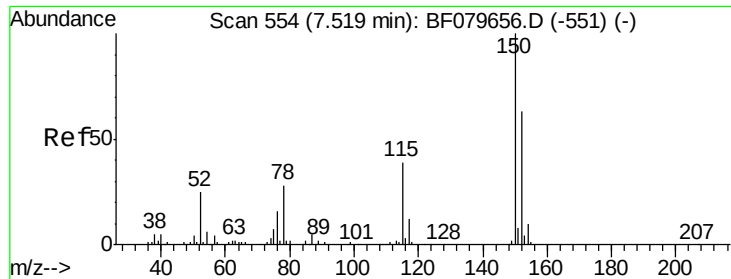
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	142609	43.31	nq	99
43) 2,4,5-Trichlorophenol	9.84	196	157959	43.31	nq	97
45) 1,1'-Biphenyl	10.00	154	568800	39.10	nq	99
46) 2-Chloronaphthalene	10.02	162	456924	40.09	nq	# 91
47) 2-Nitroaniline	10.10	65	105741	45.05	nq	93
48) Acenaphthylene	10.46	152	764009	40.43	nq	100
49) Dimethylphthalate	10.27	163	544436	39.38	nq	100
50) 2,6-Dinitrotoluene	10.34	165	97017	44.18	nq	92
51) Acenaphthene	10.63	154	456112	39.83	nq	98
52) 3-Nitroaniline	10.51	138	121895	45.00	nq	96
53) 2,4-Dinitrophenol	10.62	184	23951	38.36	nq	# 21
54) Dibenzofuran	10.80	168	667541	40.17	nq	98
55) 4-Nitrophenol	10.65	139	89277	40.86	nq	96
56) 2,4-Dinitrotoluene	10.75	165	111748	41.96	nq	92
57) Fluorene	11.14	166	531401	39.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.90	232	111523	44.12	nq	98
59) Diethylphthalate	10.98	149	555953	41.88	nq	98
60) 4-Chlorophenyl-phenylether	11.13	204	250386	40.84	nq	# 90
61) 4-Nitroaniline	11.13	138	119268	44.63	nq	97
62) Azobenzene	11.29	77	485600	39.13	nq	86
64) 4,6-Dinitro-2-methylphenol	11.16	198	40672	40.49	nq	# 74
65) n-Nitrosodiphenylamine	11.23	169	463454	41.10	nq	99
66) 4-Bromophenyl-phenylether	11.62	248	151838	42.14	nq	93
67) Hexachlorobenzene	11.71	284	171386	40.48	nq	# 93
68) Atrazine	11.76	200	132330	45.82	nq	96
69) Pentachlorophenol	11.90	266	76910	49.59	nq	98
70) Phenanthrene	12.14	178	820630	41.33	nq	99
71) Anthracene	12.19	178	806785	40.39	nq	99
72) Carbazole	12.34	167	737646	40.22	nq	97
73) Di-n-butylphthalate	12.67	149	869786	43.26	nq	# 78
74) Fluoranthene	13.43	202	864192	40.37	nq	98
76) Benzidine	13.54	184	415434	49.22	nq	100
77) Pyrene	13.69	202	885105	41.43	nq	100
79) Butylbenzylphthalate	14.40	149	355631	48.16	nq	95
80) Benzo(a)anthracene	15.15	228	890262	43.87	nq	99
81) 3,3'-Dichlorobenzidine	15.10	252	305204	50.35	nq	99
82) Chrysene	15.21	228	832250	40.77	nq	98
83) Bis(2-ethylhexyl)phthalate	15.12	149	568513	46.78	nq	# 96
84) Di-n-octyl phthalate	15.97	149	938109	51.21	nq	99
85) Indeno(1,2,3-cd)pyrene	19.21	276	950217	47.59	nq	99
87) Benzo(b)fluoranthene	16.59	252	796009m	44.17	nq	
88) Benzo(k)fluoranthene	16.63	252	832972m	39.45	nq	
89) Benzo(a)pyrene	17.10	252	786060	44.60	nq	98
90) Dibenzo(a,h)anthracene	19.25	278	772628	46.79	nq	98
91) Benzo(g,h,i)perylene	19.83	276	766676	43.77	nq	97

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



#1

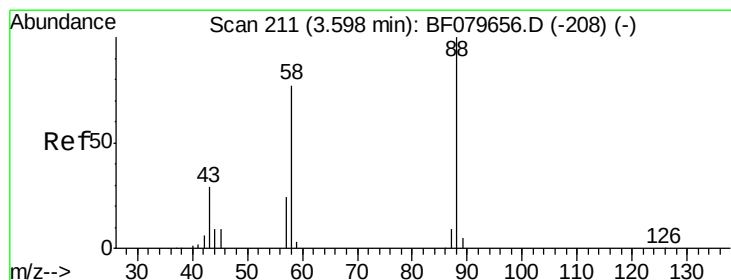
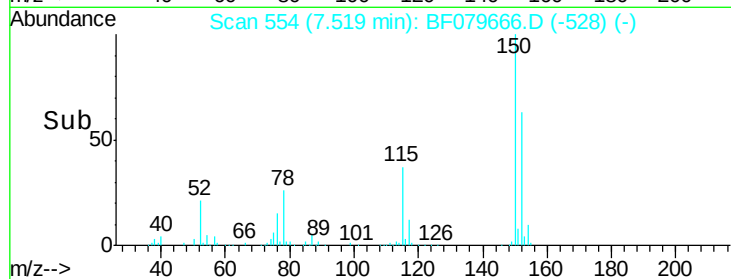
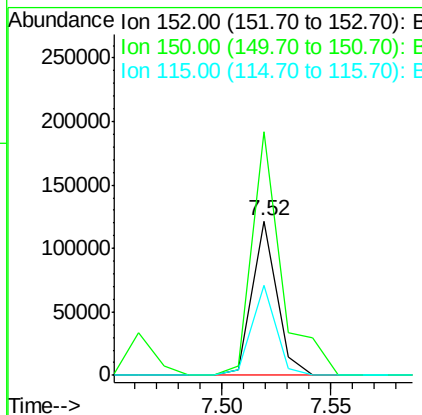
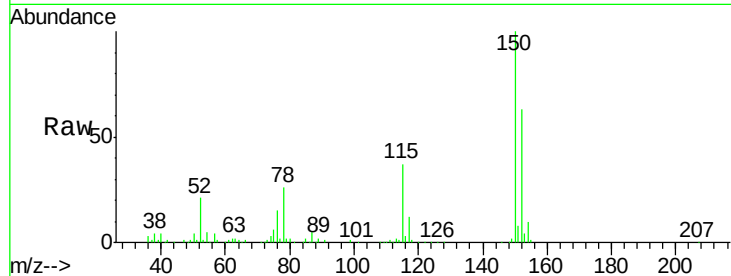
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.7	190.1
115	58.4	49.2	73.8

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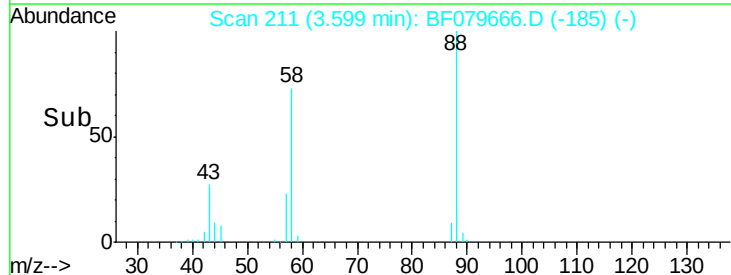
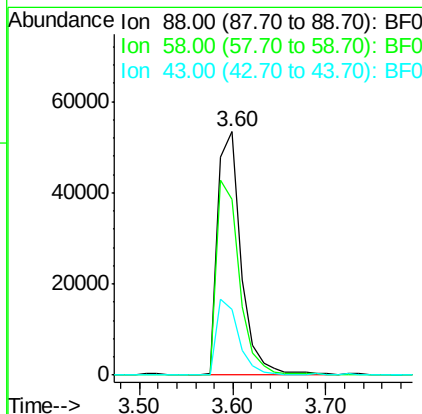
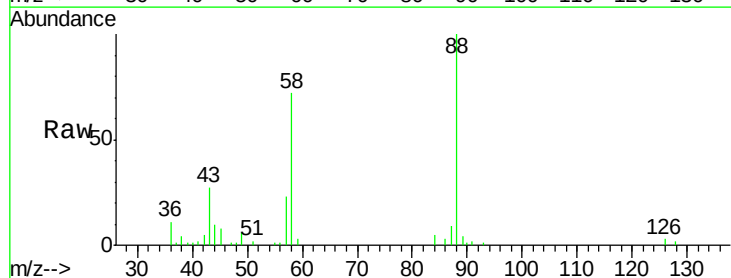
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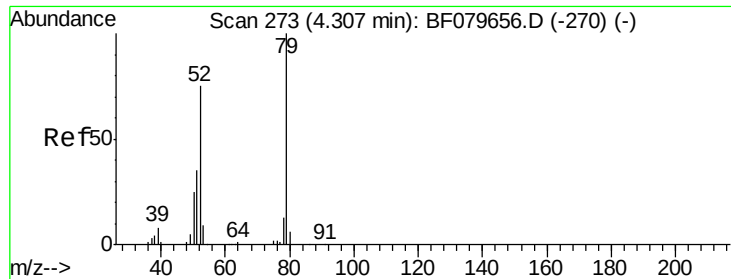


#2

1,4-Dioxane
Concen: 37.72 ng
RT: 3.60 min Scan# 211
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	64.2	96.2
43	29.4	24.4	36.6





#3

Pvridine

Concen: 41.18 ng

RT: 4.30 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

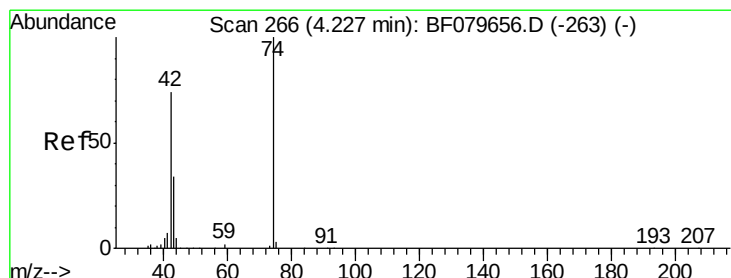
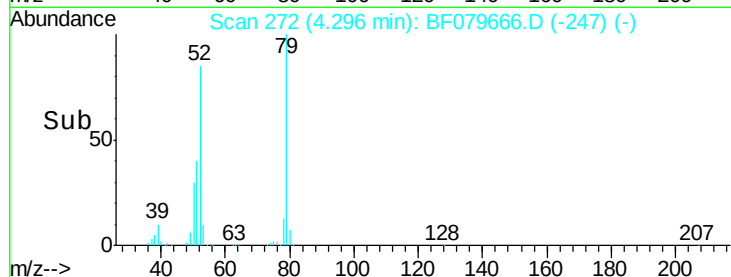
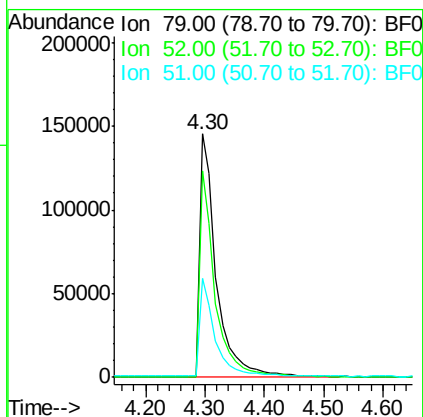
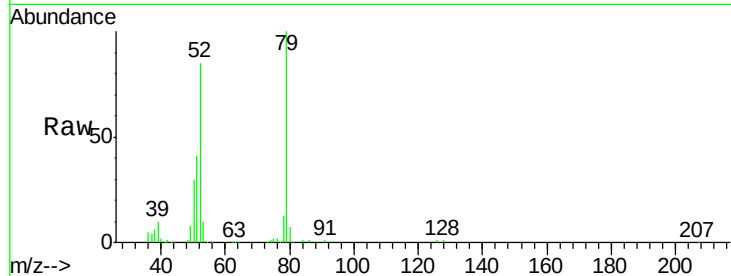
ClientSampleId :

PB83713BS

Tot Ion:	79	Resp:	291318
Ion Ratio	Lower	Upper	
79	100		
52	84.7	60.1	90.1
51	40.5	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 40.67 ng

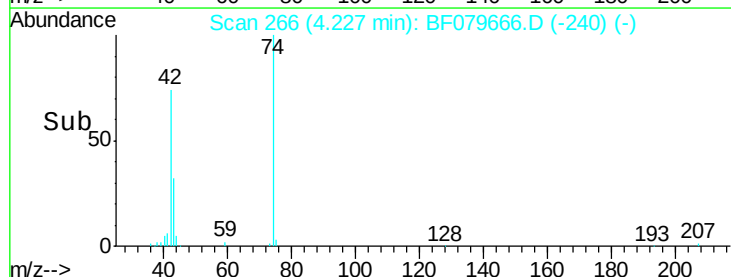
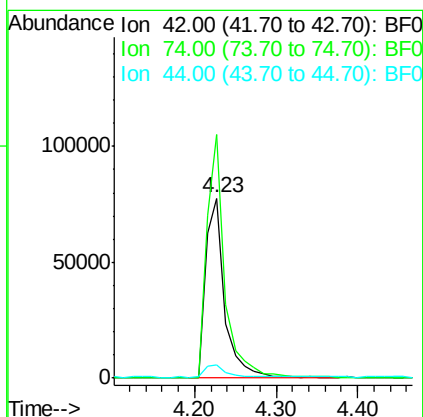
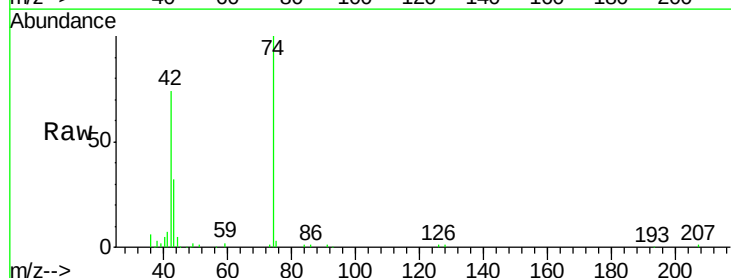
RT: 4.23 min Scan# 266

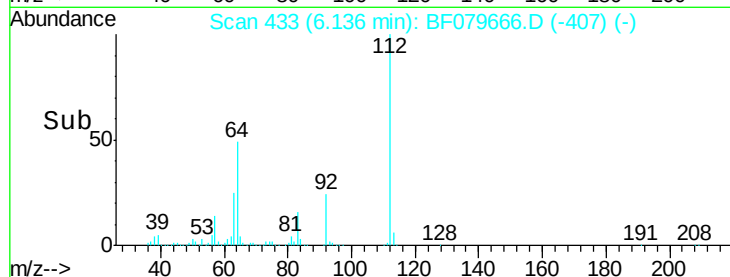
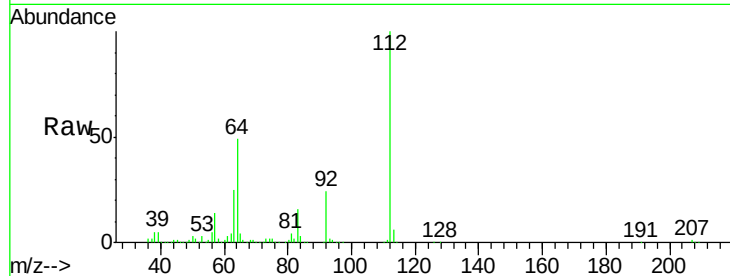
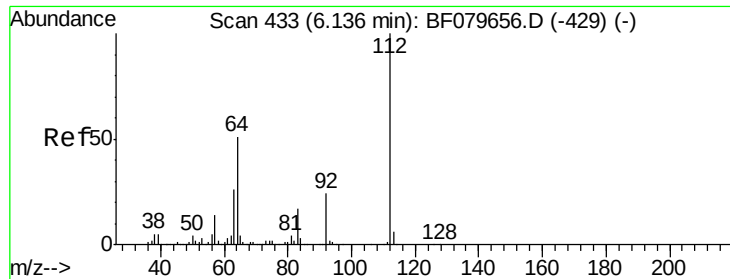
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	42	Resp:	128251
Ion Ratio	Lower	Upper	
42	100		
74	135.5	107.5	161.3
44	7.2	6.2	9.2





#5

2-Fluorophenol

Concen: 77.41 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
411276	112	100			
	64	49.1		41.1	61.7
	63	24.5		20.5	30.7

Instrument :

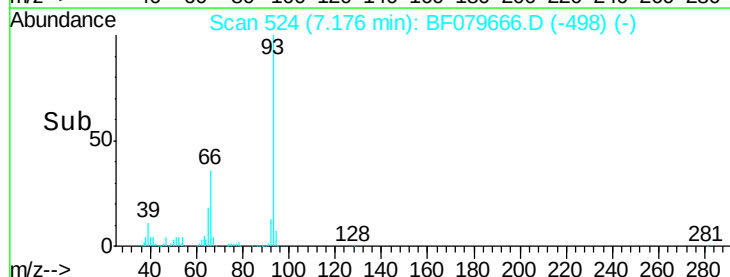
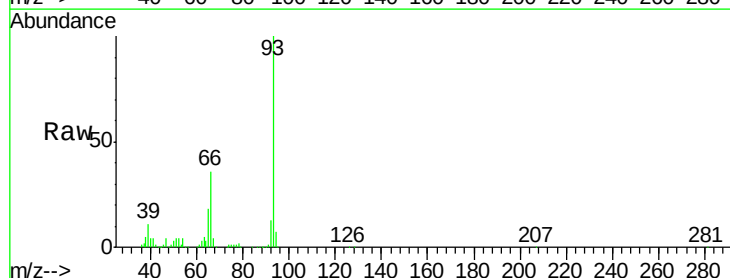
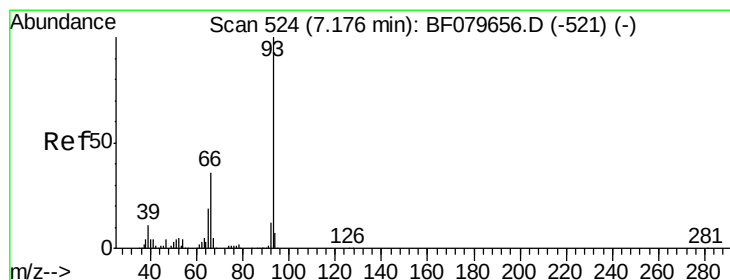
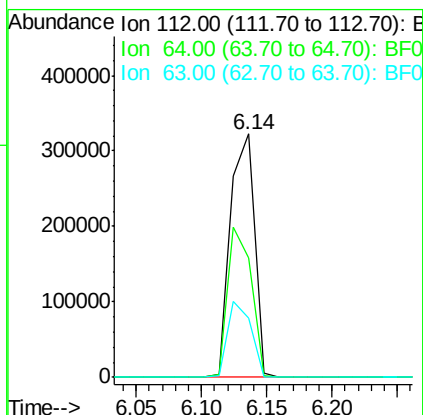
BNA_F

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PB83713BS

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#6

Aniline

Concen: 39.23 ng

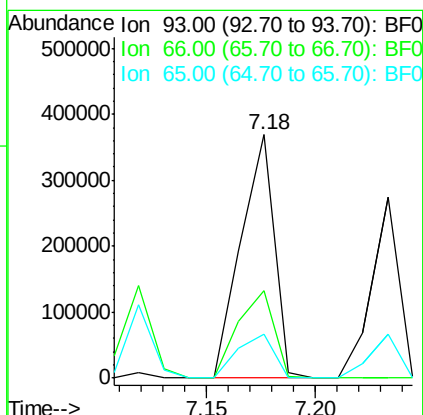
RT: 7.18 min Scan# 524

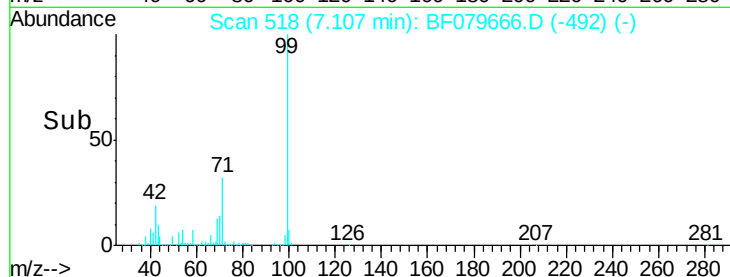
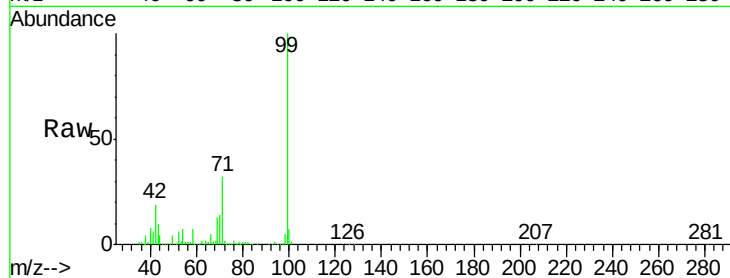
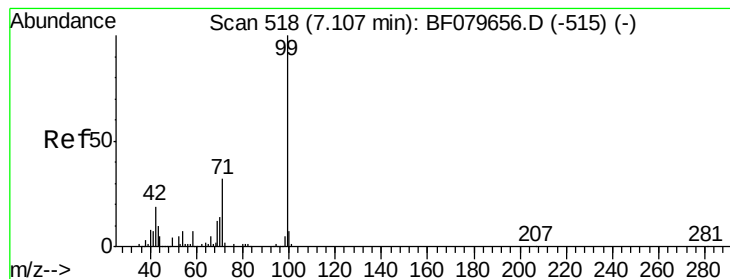
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
393502	93	100			
	66	35.8		28.5	42.7
	65	18.1		15.0	22.6





#7

Phenol-d6

Concen: 81.23 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tot Ion:	99	Resp:	568407
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.2	22.8
71	32.5	25.9	38.9

Instrument :

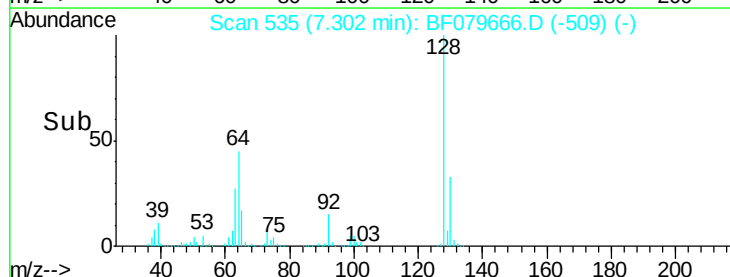
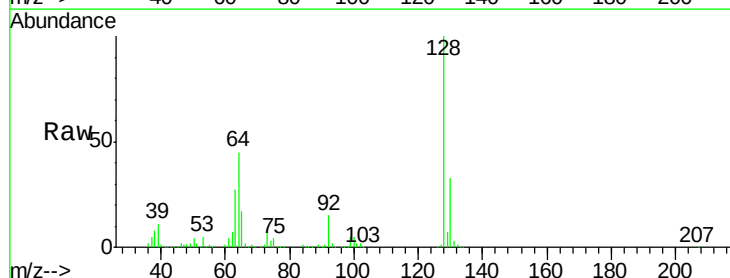
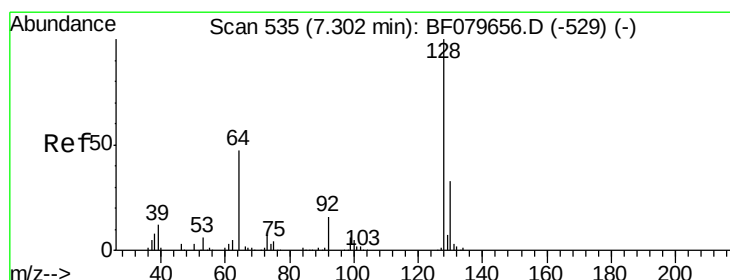
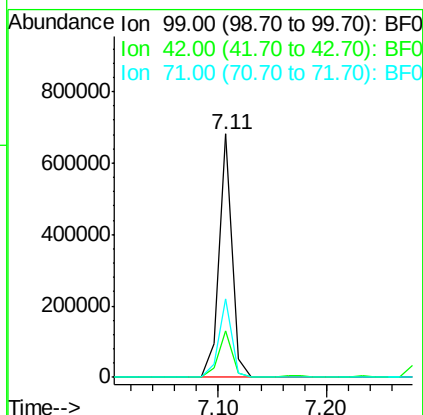
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#8

2-Chlorophenol

Concen: 40.65 ng

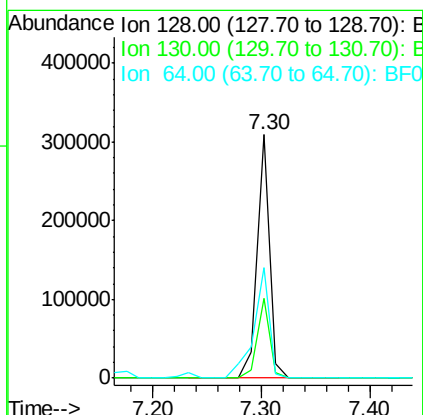
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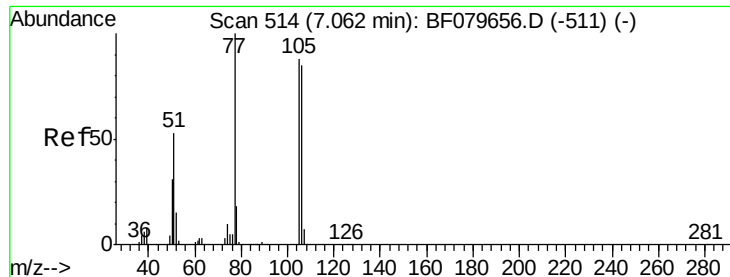
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	128	Resp:	251509
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.7	52.7
64	45.4	29.0	69.0





#9

Benzaldehyde

Concen: 40.21 ng

RT: 7.06 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

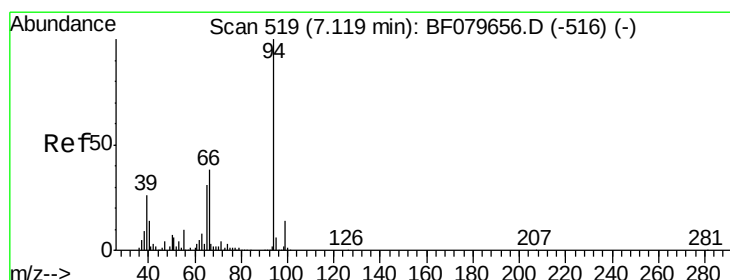
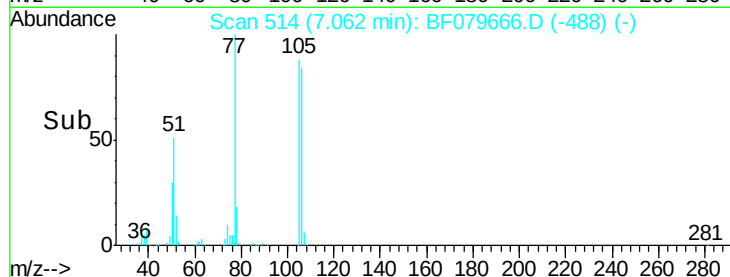
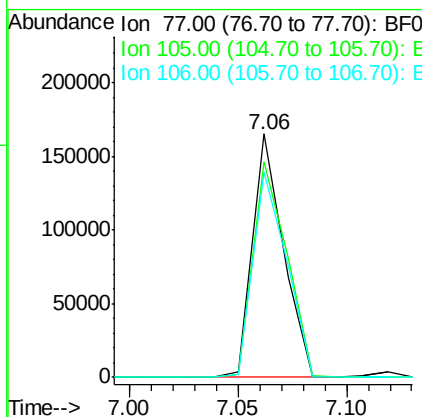
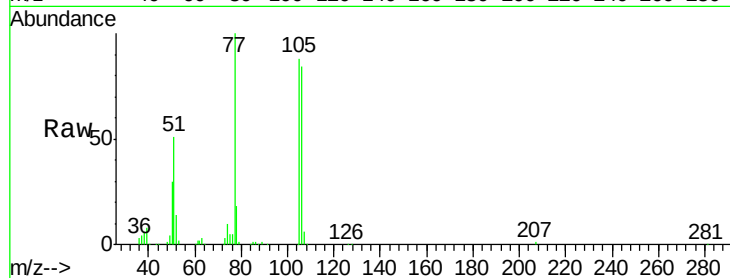
ClientSampleId :

PB83713BS

Tot Ion:	77	Resp:	162931
Ion Ratio	Lower	Upper	
77	100		
105	88.5	68.2	108.2
106	84.2	64.9	104.9

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#10

Phenol

Concen: 40.30 ng

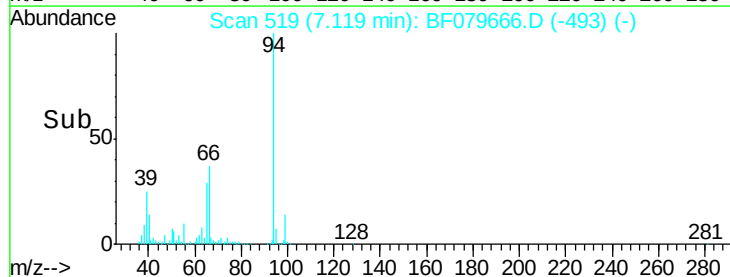
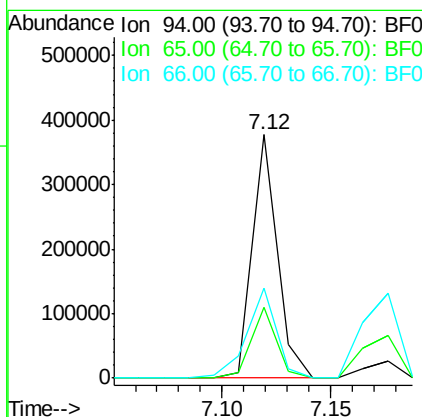
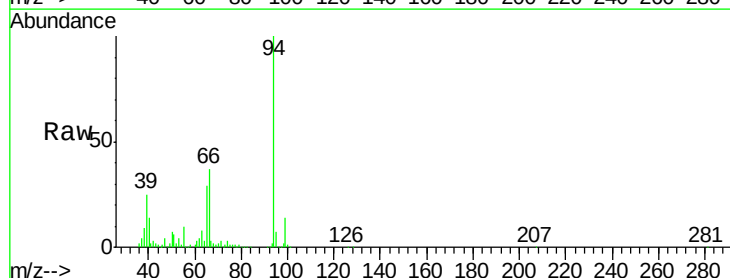
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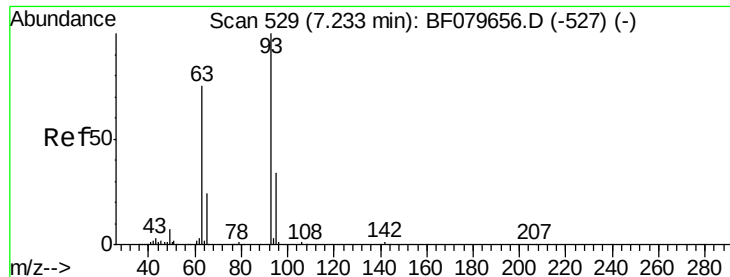
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	94	Resp:	302018
Ion Ratio	Lower	Upper	
94	100		
65	29.3	10.9	50.9
66	37.1	18.1	58.1





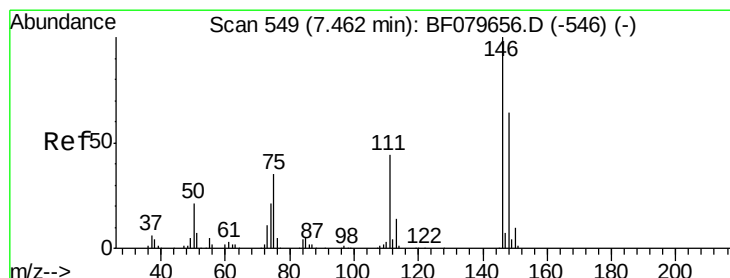
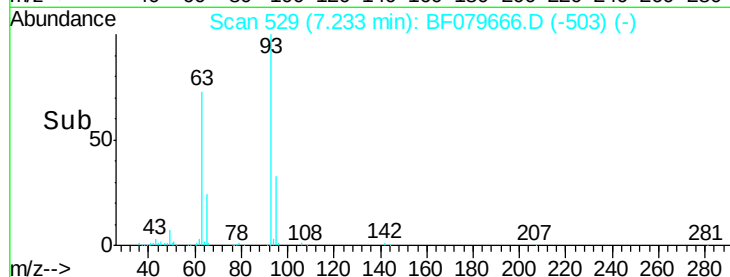
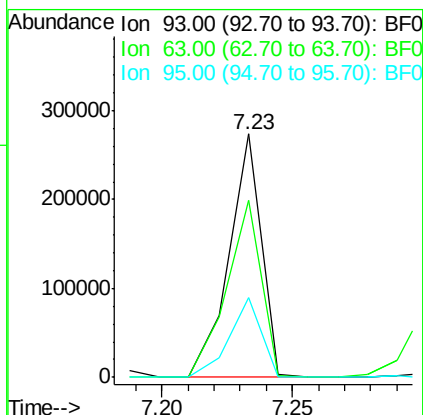
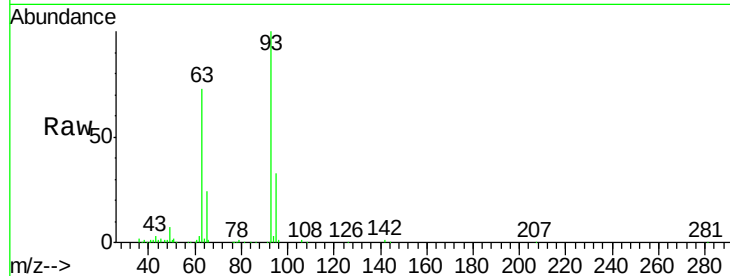
#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 7.23 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	237006		
63	72.8		54.7	94.7
95	32.8		13.5	53.5

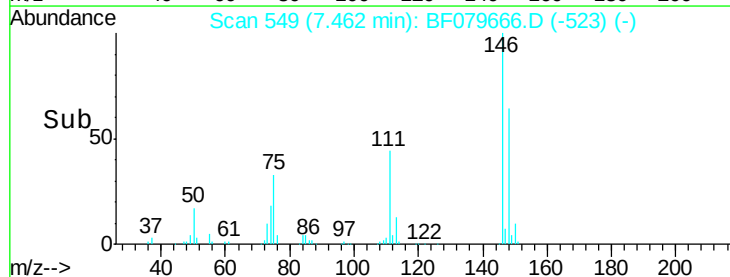
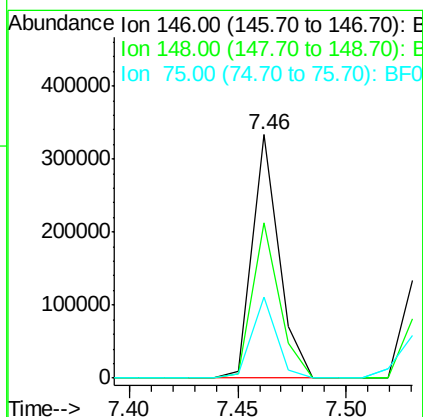
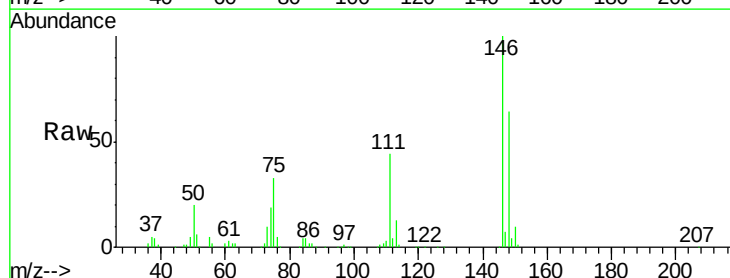
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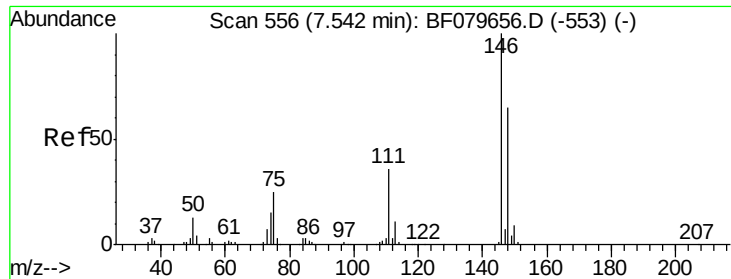
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#12
1,3-Dichlorobenzene
Concen: 39.99 ng
RT: 7.46 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282908		
148	63.7		51.1	76.7
75	33.5		28.2	42.4





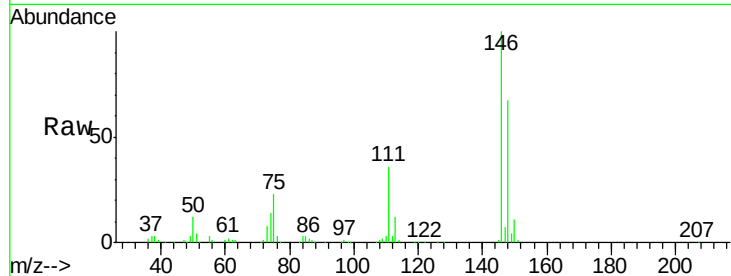
#13
 1,4-Dichlorobenzene
 Concen: 39.40 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

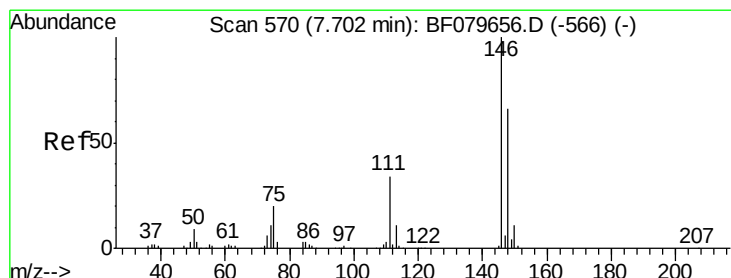
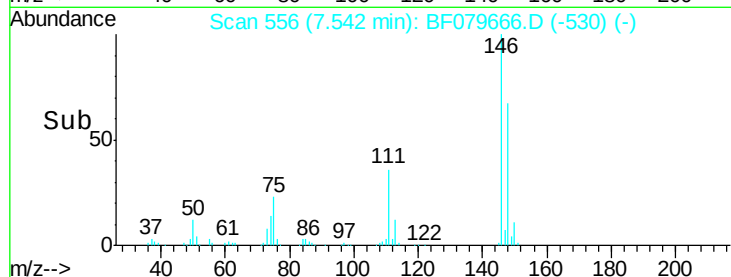
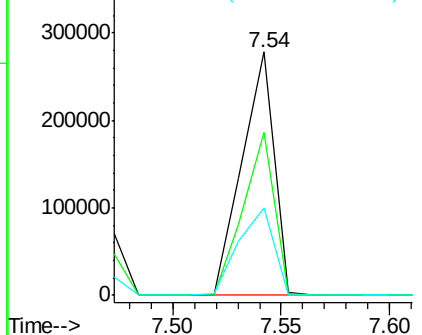
Tot Ion	Ratio	Resp	Lower	Upper
146	100	285011		
148	66.9	52.1	78.1	
111	35.7	29.1	43.7	

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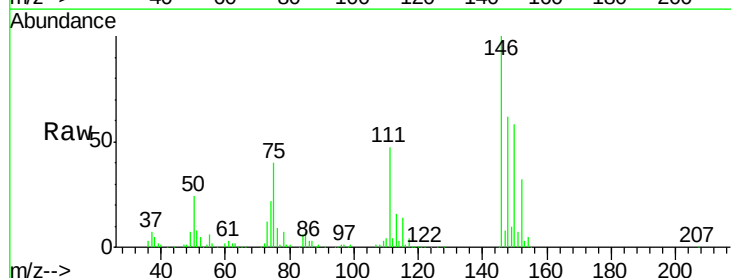


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

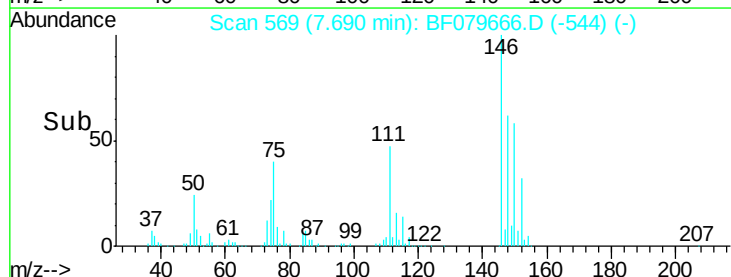
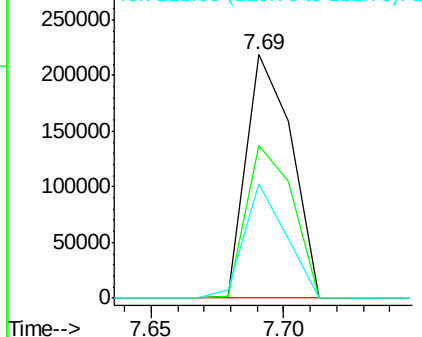


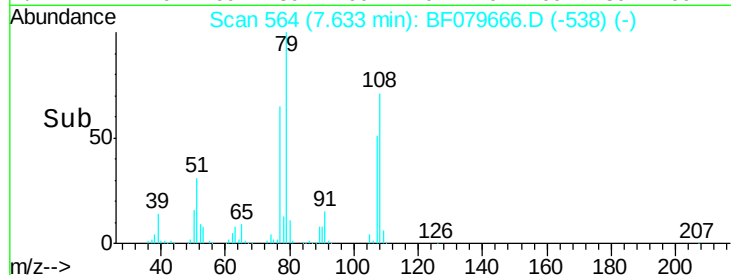
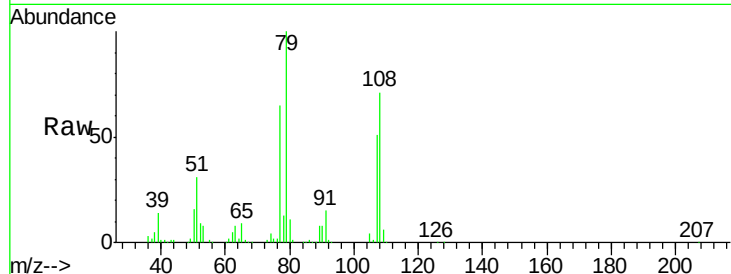
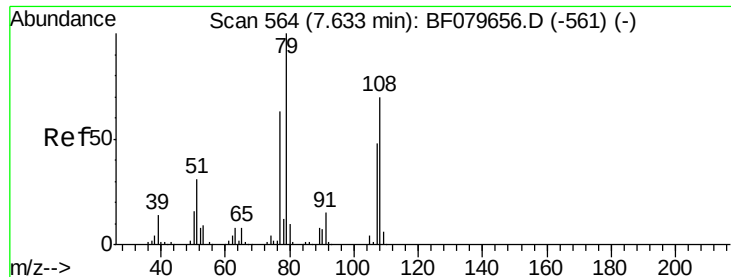
#14
 1,2-Dichlorobenzene
 Concen: 39.73 ng m
 RT: 7.69 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	260188		
148	62.5	52.6	79.0	
111	47.2	27.3	40.9	



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.17 ng

RT: 7.63 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tot Ion:	79	Resp:	199566
Ion Ratio	Lower	Upper	
79	100		
108	71.3	56.2	84.4
77	64.7	50.7	76.1

Instrument :

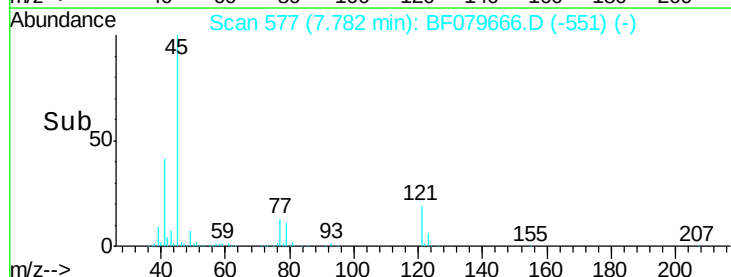
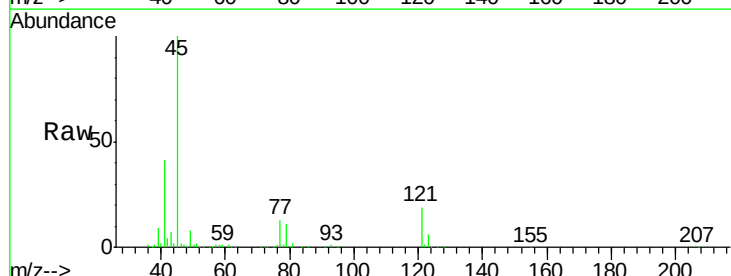
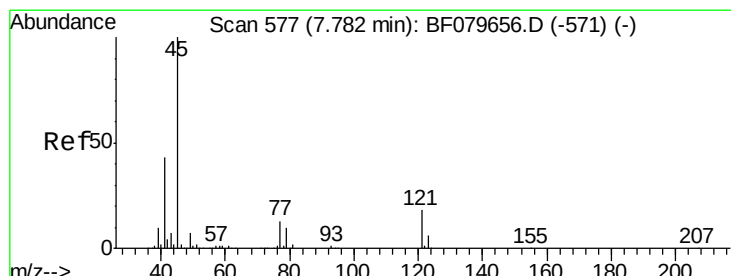
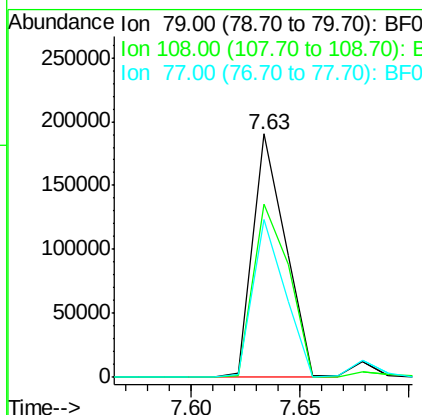
BNA_F

ClientSampled :

PB83713BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.65 ng

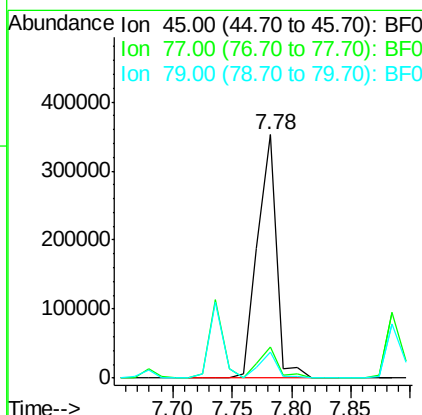
RT: 7.78 min Scan# 577

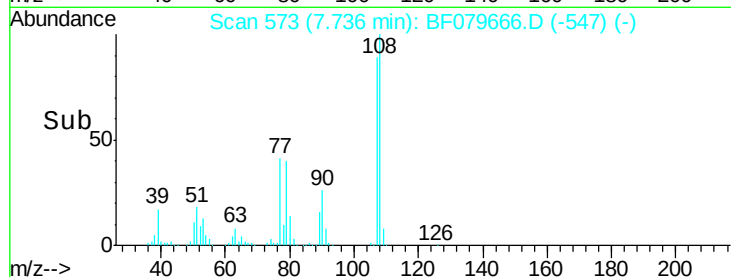
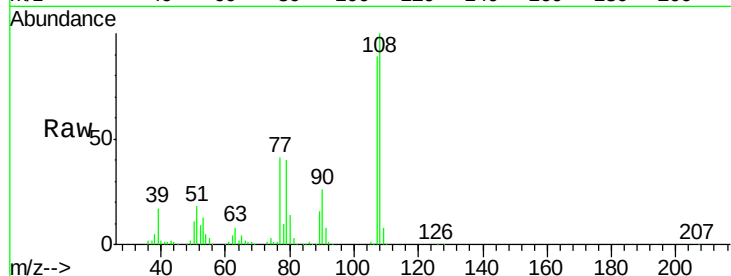
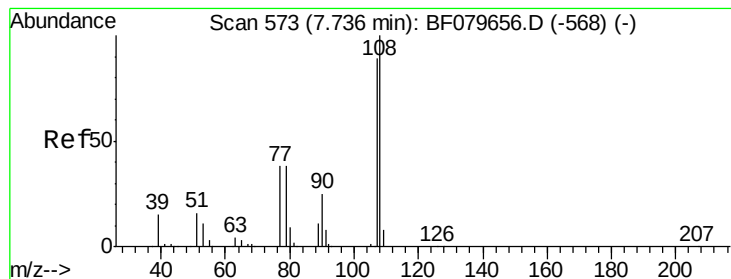
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	45	Resp:	394957
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	32.9
79	10.6	0.0	29.8





#17

2-Methylphenol

Concen: 39.46 ng

RT: 7.74 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tot Ion	107	Resp	201573
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.9	136.3
77	46.8	38.6	57.8
79	45.3	38.0	57.0

Instrument :

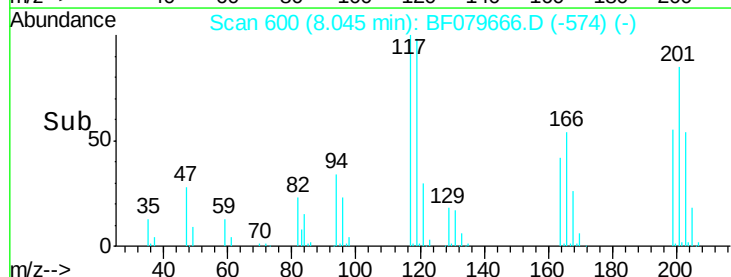
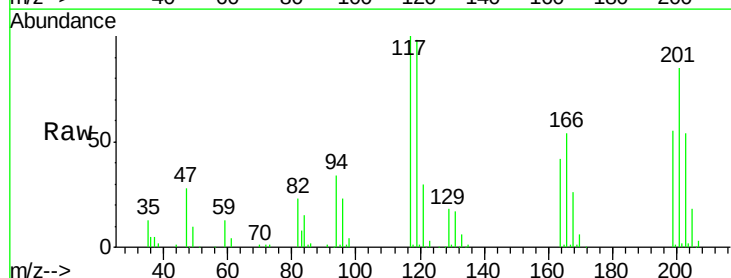
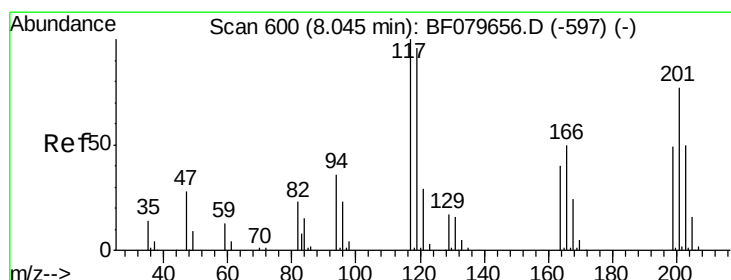
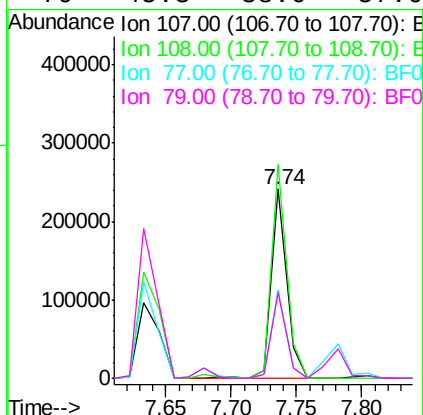
BNA_F

ClientSampleId :

PB83713BS

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#18

Hexachloroethane

Concen: 39.90 ng

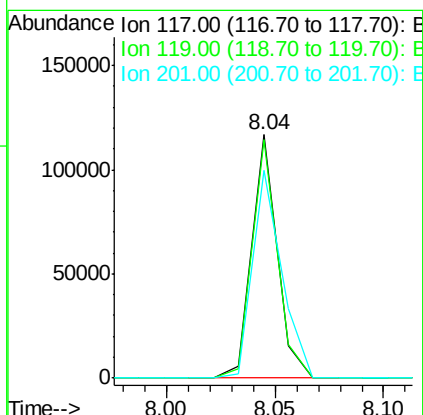
RT: 8.04 min Scan# 600

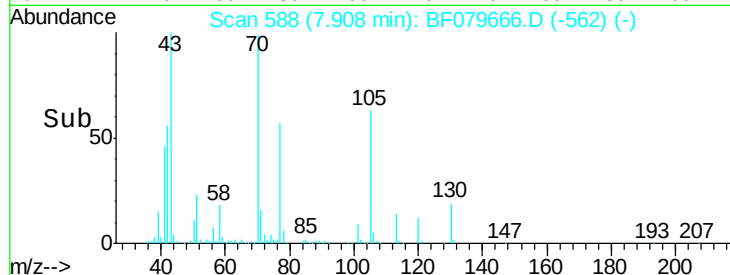
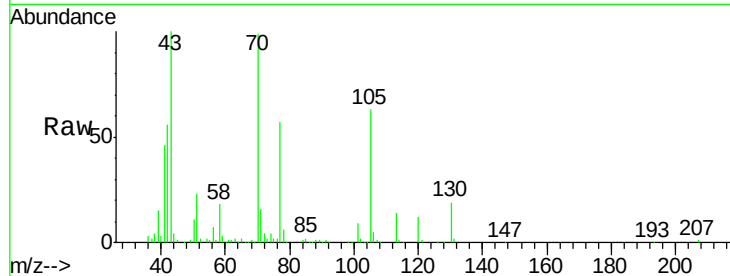
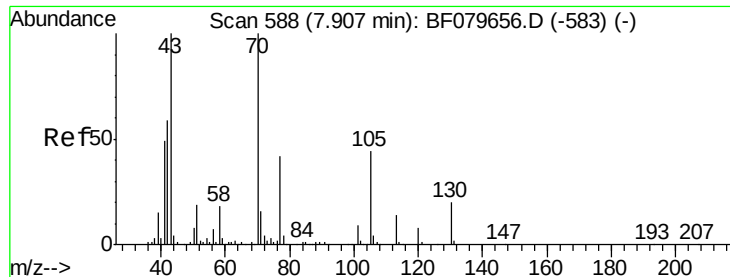
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion	117	Resp	94497
Ion Ratio	Lower	Upper	
117	100		
119	97.8	76.7	115.1
201	85.4	61.7	92.5





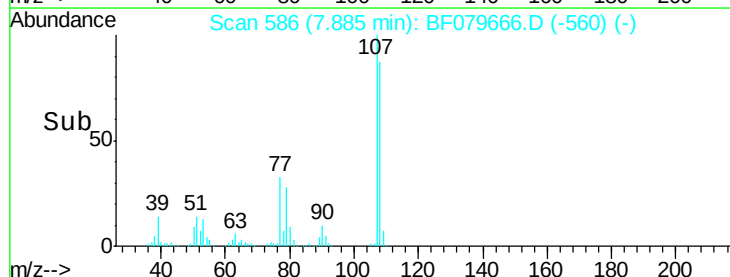
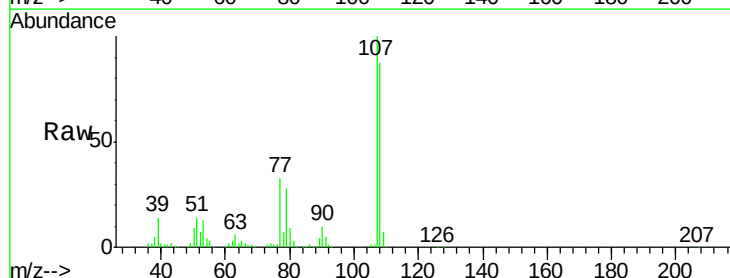
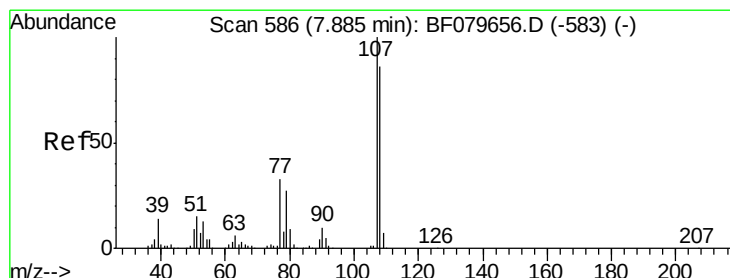
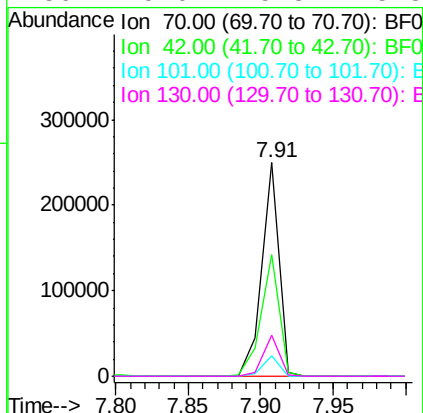
#19
n-Nitroso-di-n-propylamine
Concen: 43.24 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.7	71.5
101	9.6	7.4	11.0
130	19.0	15.8	23.8

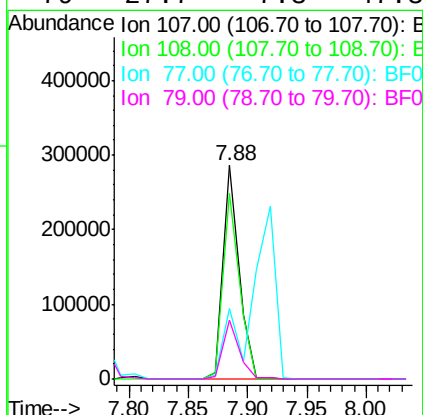
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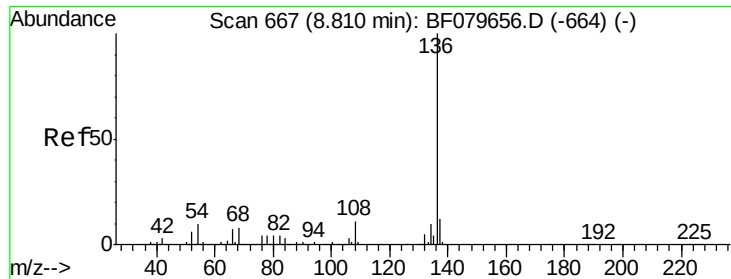
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#20
3+4-Methylphenols
Concen: 39.21 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.2	106.2
77	32.9	12.9	52.9
79	27.7	7.3	47.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

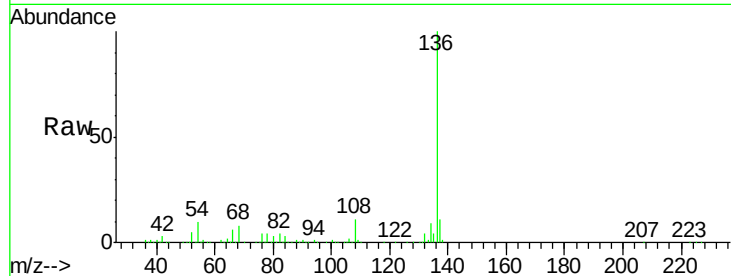
ClientSampleId :

PB83713BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		361356		
137	11.1		9.3	13.9	
54	10.2		8.3	12.5	
68	7.6		6.1	9.1	

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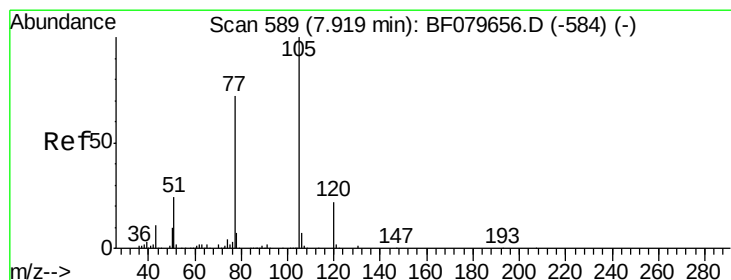
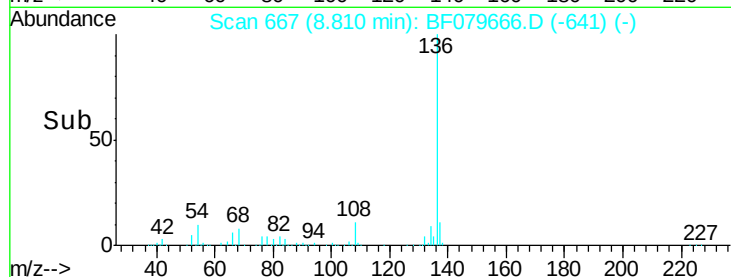
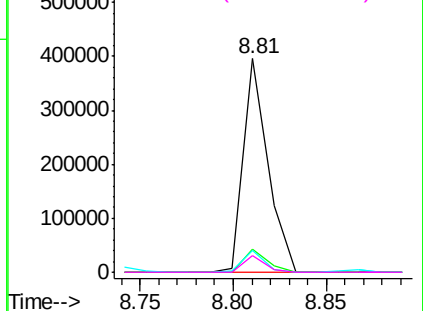


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.67 ng

RT: 7.92 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

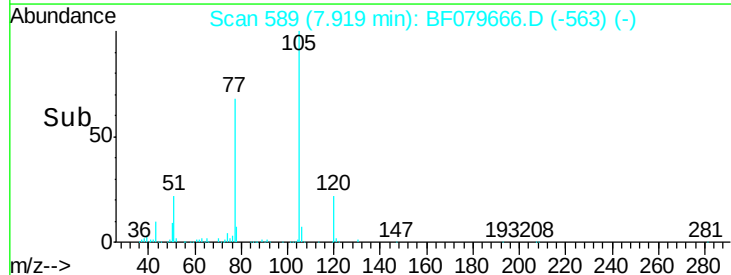
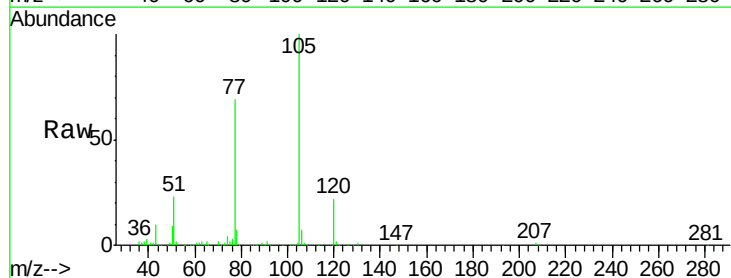
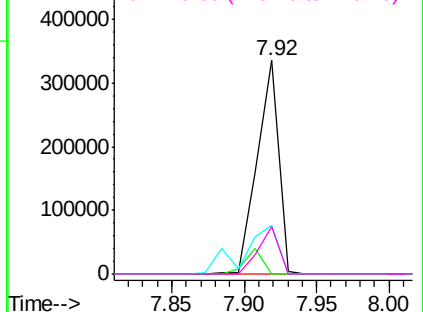
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		343926		
71	0.2		0.2	0.4	
51	22.8		19.2	28.8	
120	22.2		17.6	26.4	

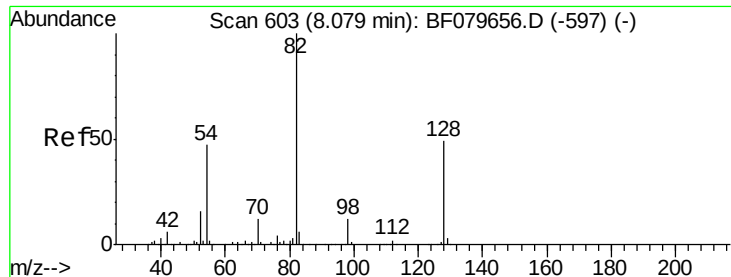
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.95 ng

RT: 8.08 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

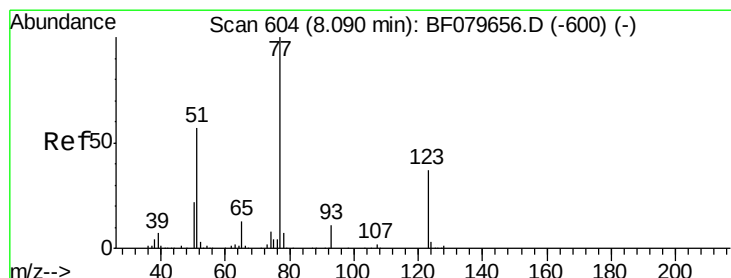
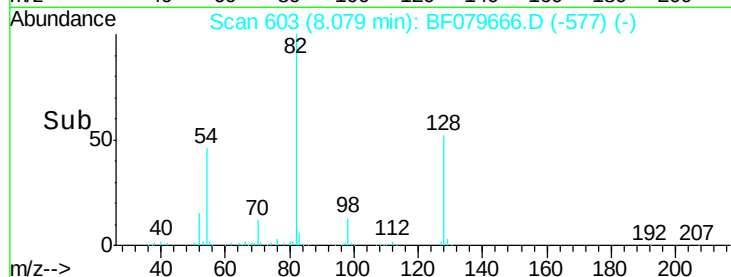
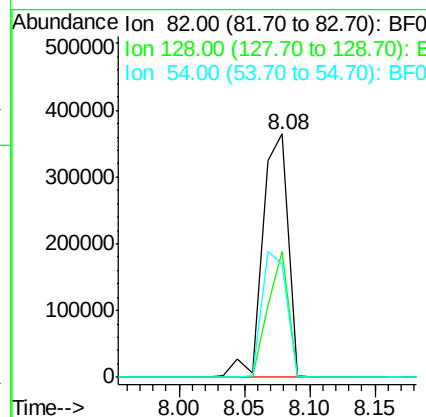
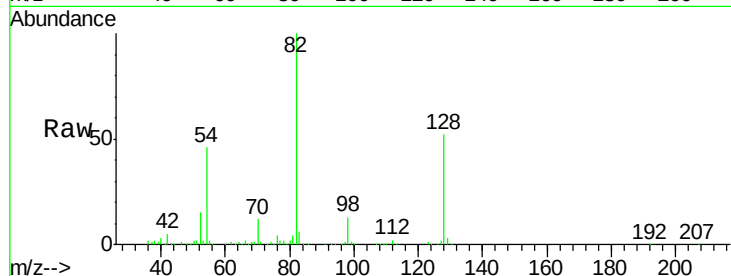
ClientSampleId :

PB83713BS

Tot Ion:	82	Resp:	498830
Ion Ratio	Lower	Upper	
82	100		
128	51.9	39.4	59.0
54	46.4	37.4	56.0

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#24

Nitrobenzene

Concen: 41.84 ng

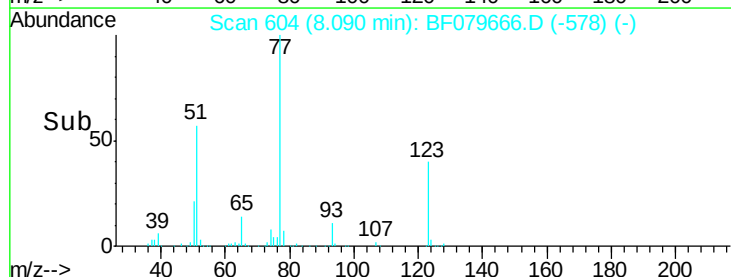
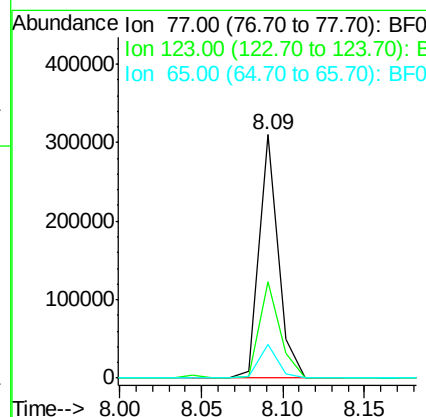
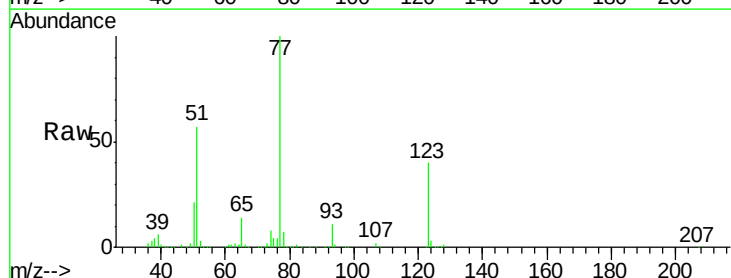
RT: 8.09 min Scan# 604

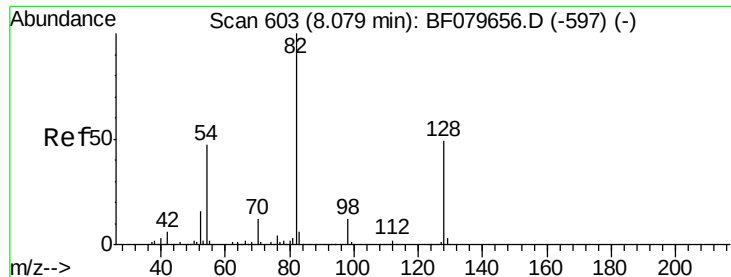
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	77	Resp:	253398
Ion Ratio	Lower	Upper	
77	100		
123	39.8	30.6	45.8
65	13.9	10.5	15.7





#25

Isophorone

Concen: 41.67 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

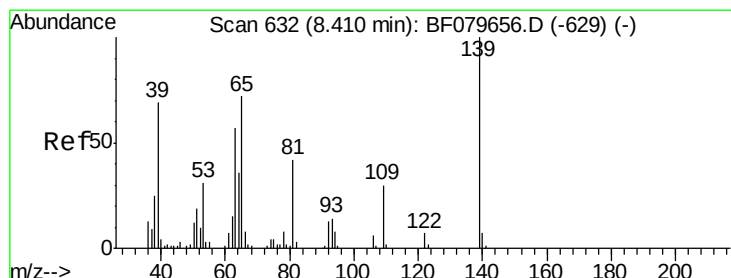
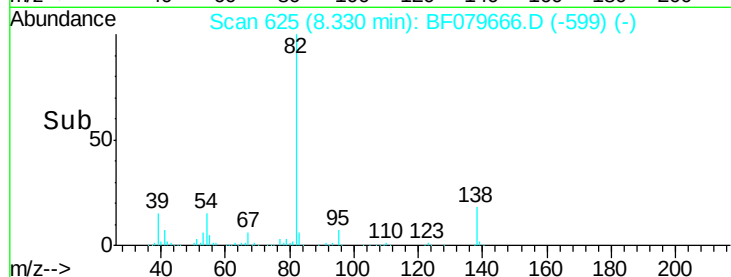
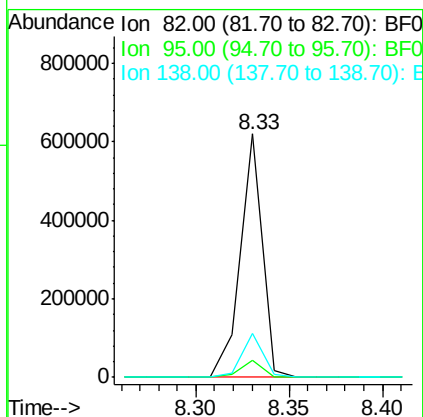
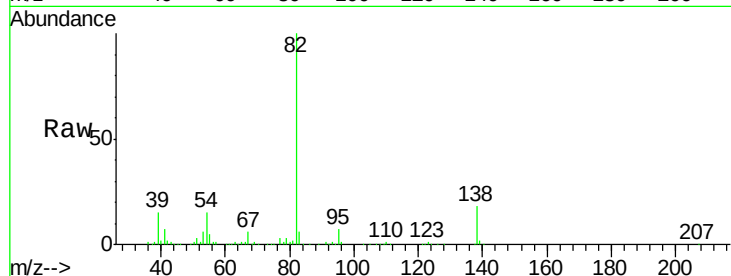
ClientSampleId :

PB83713BS

Tot Ion:	82	Resp:	513208
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.2
138	18.3	14.4	21.6

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#26

2-Nitrophenol

Concen: 42.63 ng

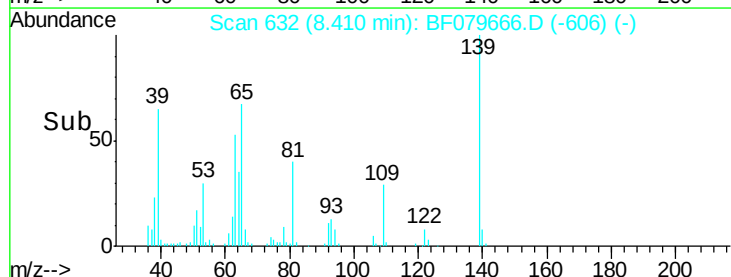
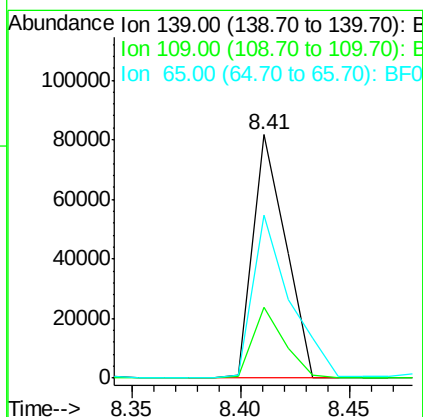
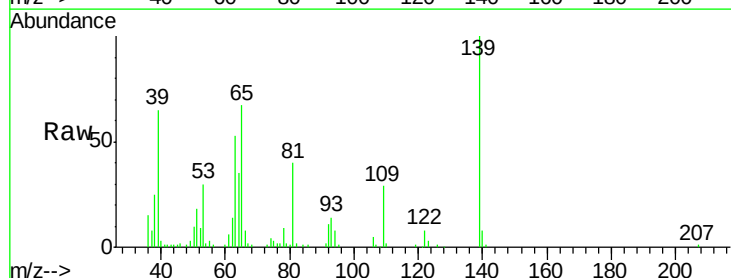
RT: 8.41 min Scan# 632

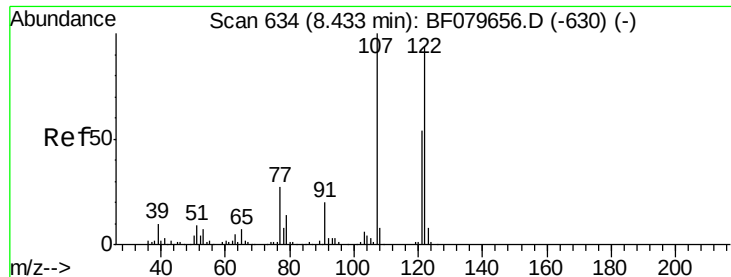
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	139	Resp:	85260
Ion Ratio		Lower	Upper
139	100		
109	28.9	23.6	35.4
65	66.7	57.4	86.0





#27

2,4-Dimethylphenol

Concen: 39.69 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

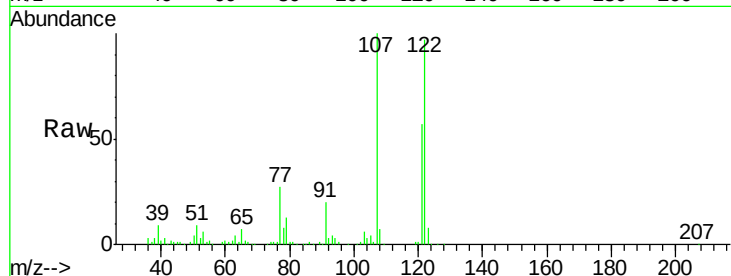
ClientSampleId :

PB83713BS

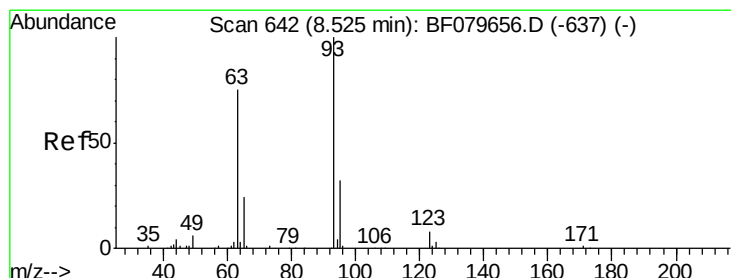
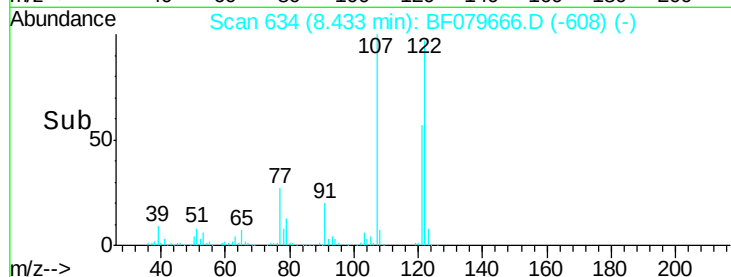
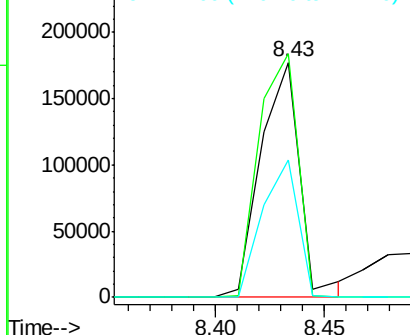
Tot Ion:	122	Resp:	223752
Ion Ratio	Lower	Upper	
122	100		
107	103.6	85.0	127.6
121	58.6	46.3	69.5

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.09 ng

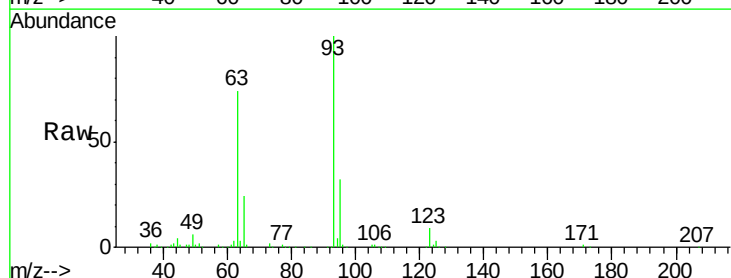
RT: 8.52 min Scan# 642

Delta R.T. 0.00 min

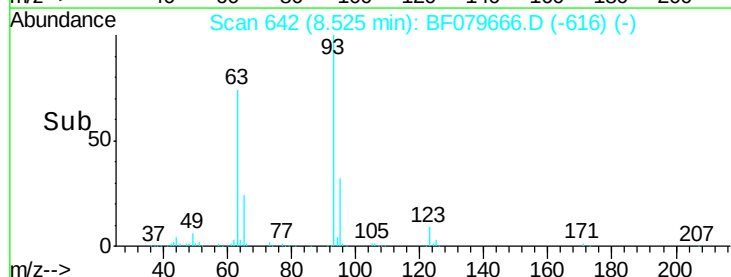
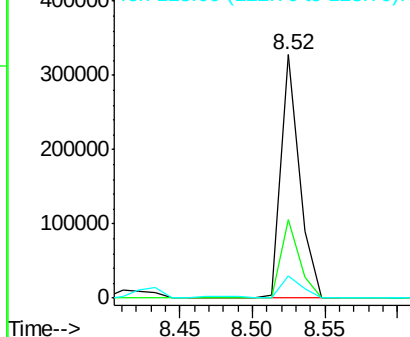
Lab File: BF079666.D

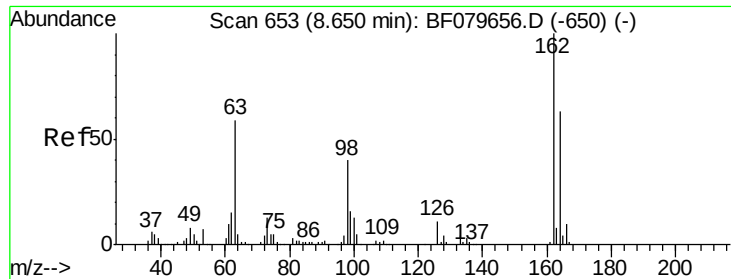
Acq: 3 Jun 2015 17:03

Tgt Ion:	93	Resp:	290729
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.8	38.6
123	9.1	6.8	10.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.32 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

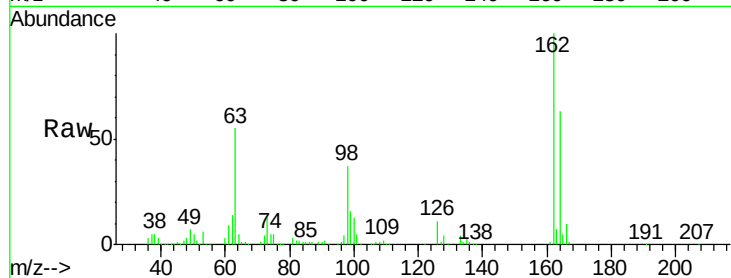
ClientSampleId :

PB83713BS

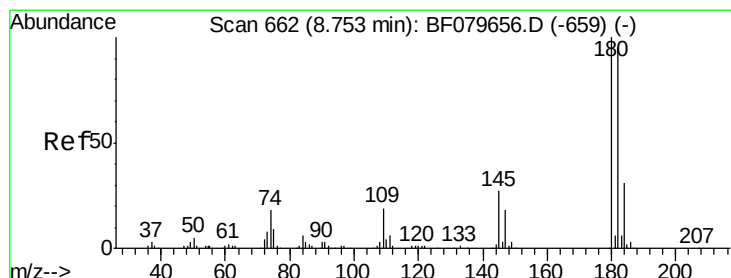
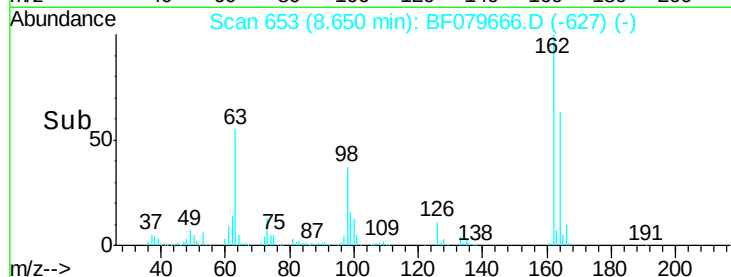
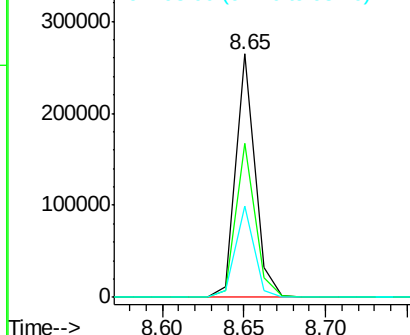
Tot Ion:	162	Resp:	212748
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.0	83.0
98	37.4	19.8	59.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.64 ng

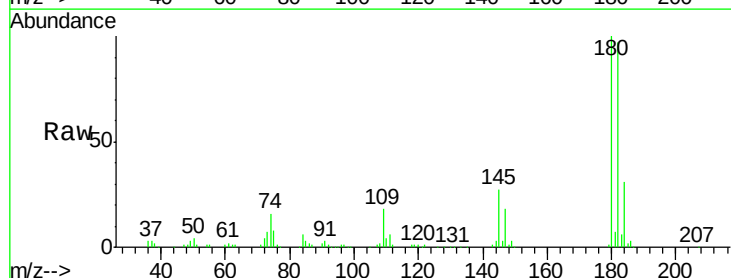
RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

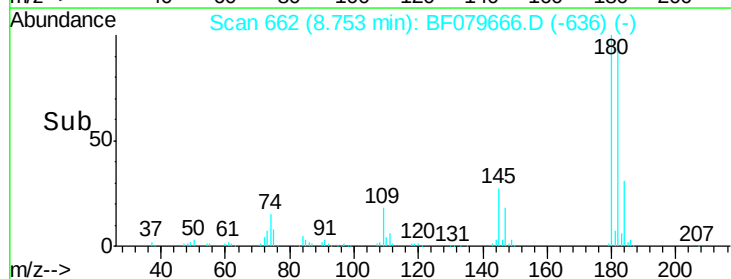
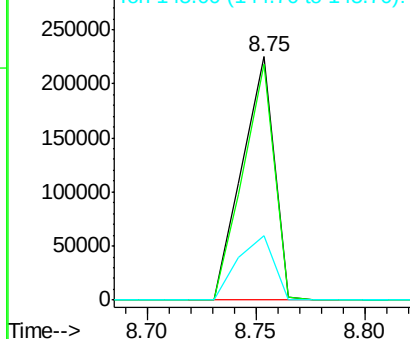
Lab File: BF079666.D

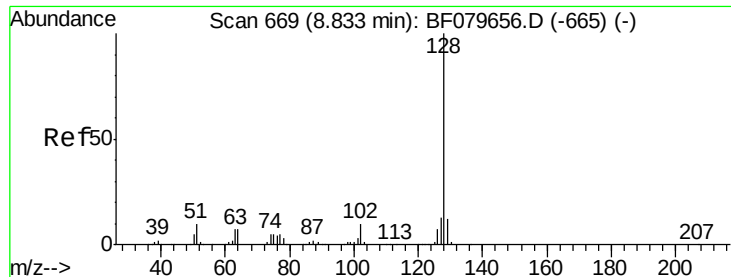
Acq: 3 Jun 2015 17:03

Tgt Ion:	180	Resp:	230221
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.1	114.1
145	26.5	21.8	32.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.62 ng

RT: 8.83 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

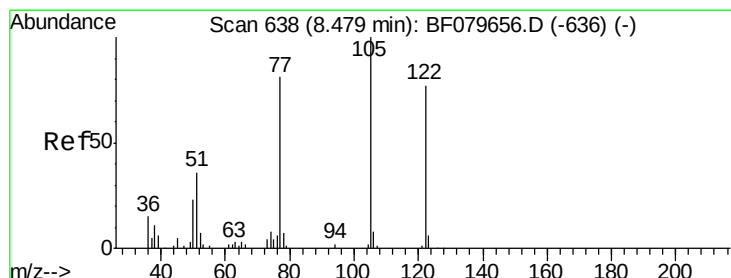
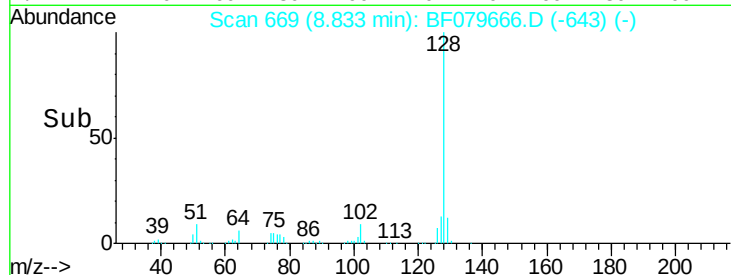
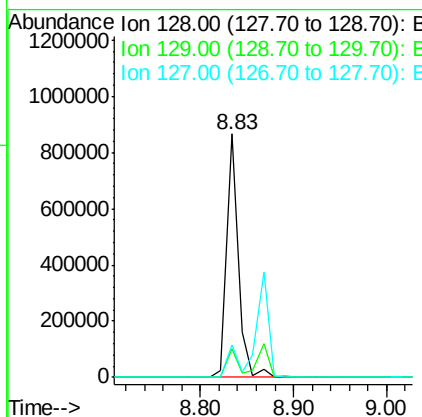
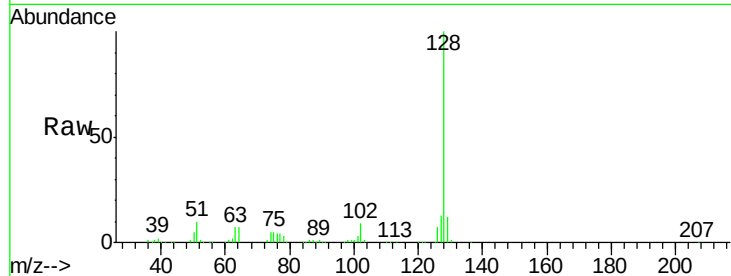
ClientSampleId :

PB83713BS

Tot Ion:	128	Resp:	748426
Ion Ratio		Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.5	10.4	15.6

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#32

Benzoic acid

Concen: 44.13 ng

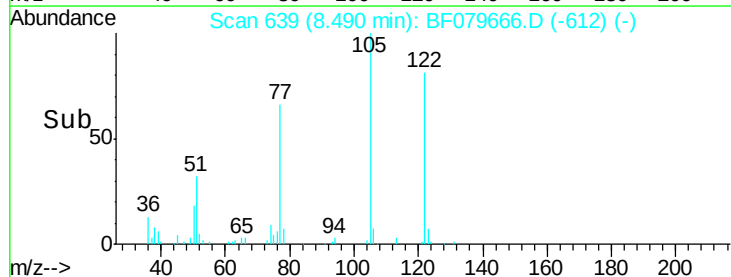
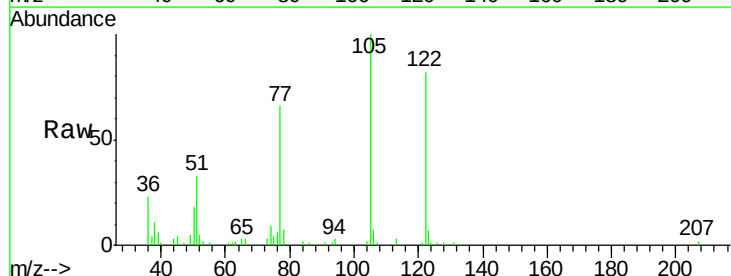
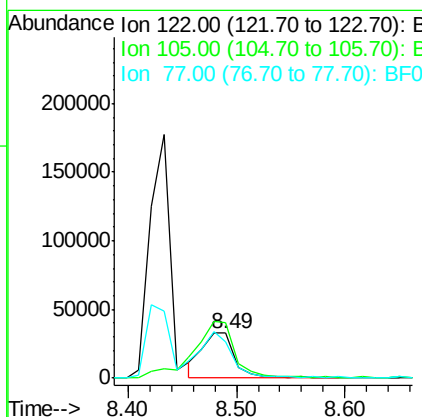
RT: 8.49 min Scan# 639

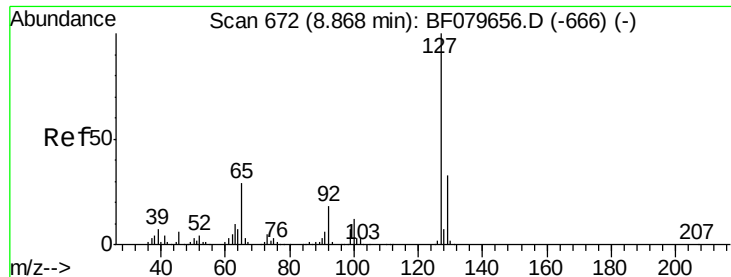
Delta R.T. 0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	122	Resp:	68758
Ion Ratio		Lower	Upper
122	100		
105	122.1	109.7	149.7
77	81.1	86.1	126.1#





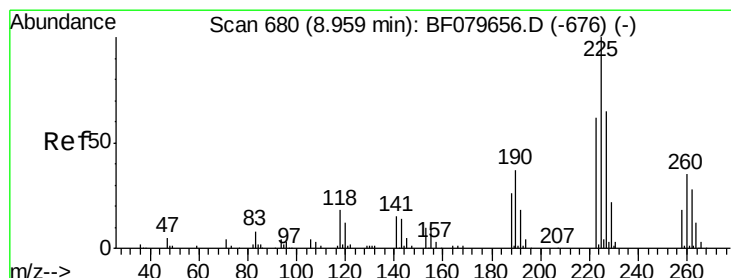
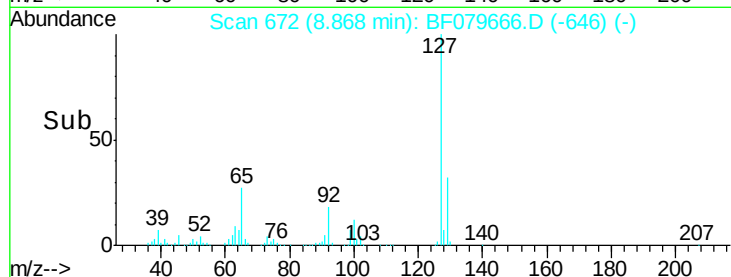
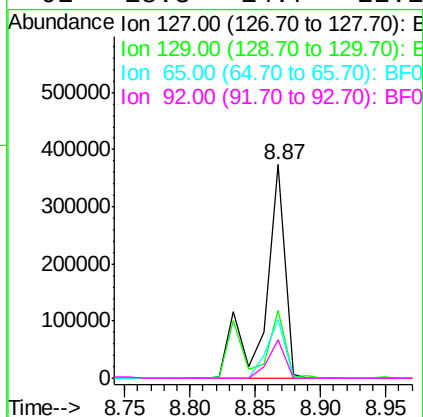
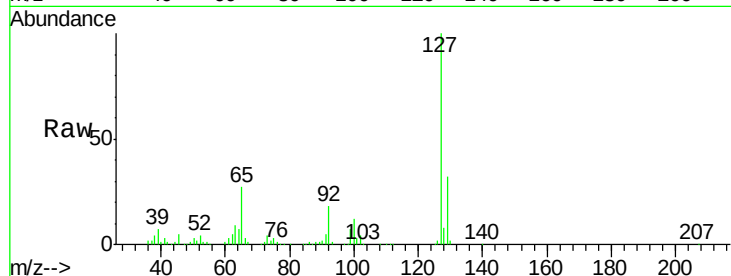
#33
4-Chloroaniline
Concen: 40.28 ng
RT: 8.87 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		413775		
129	32.0	26.5	39.7		
65	27.5	23.0	34.6		
92	18.3	14.7	22.1		

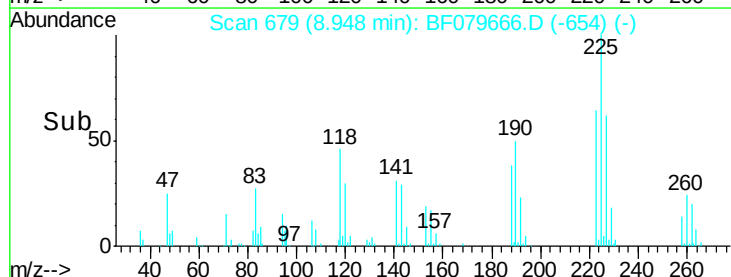
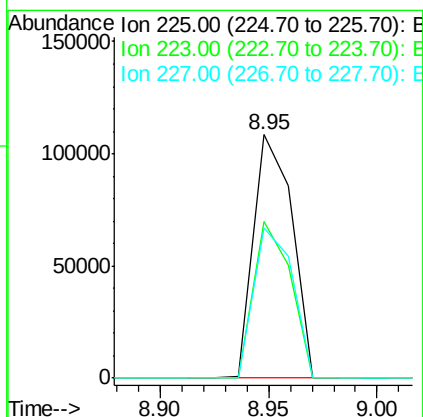
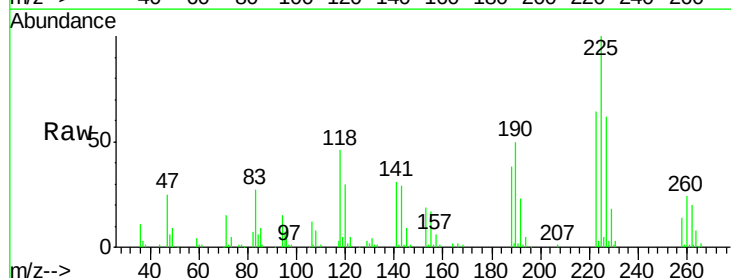
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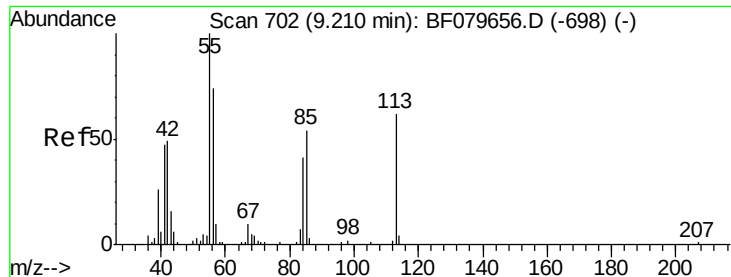
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#34
Hexachlorobutadiene
Concen: 42.09 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		133650		
223	64.2	49.6	74.4		
227	61.9	52.3	78.5		





#35

Caprolactam

Concen: 44.35 ng

RT: 9.20 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

ClientSampled :

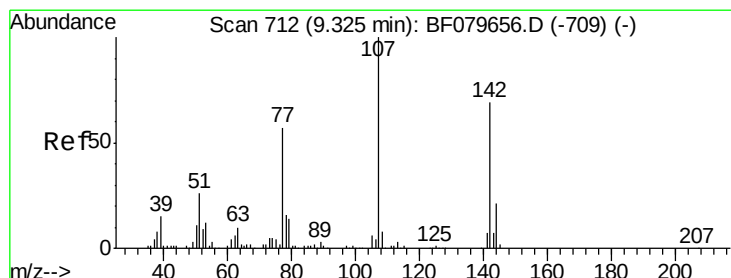
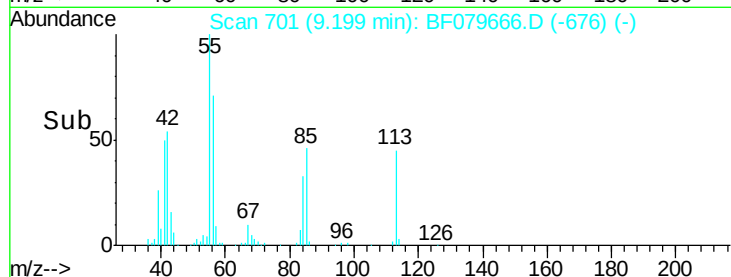
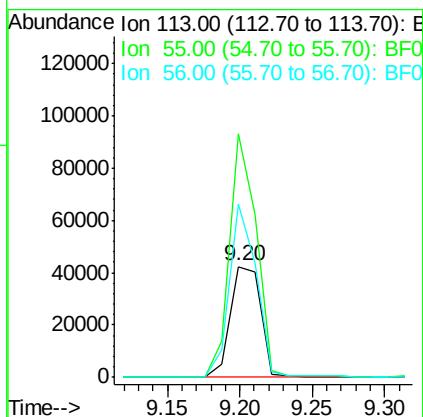
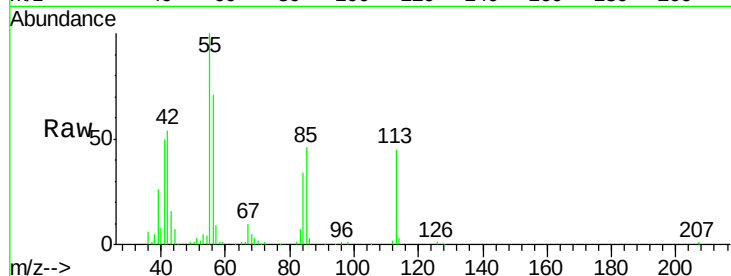
PB83713BS

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Tot Ion	Ratio	Lower	Upper
113	100		
55	219.9	142.3	182.3#
56	156.0	99.8	139.8#



#36

4-Chloro-3-methylphenol

Concen: 39.72 ng

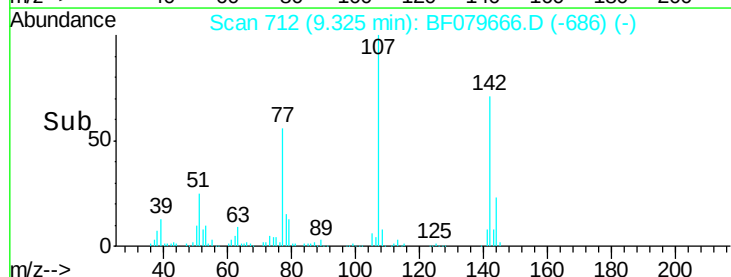
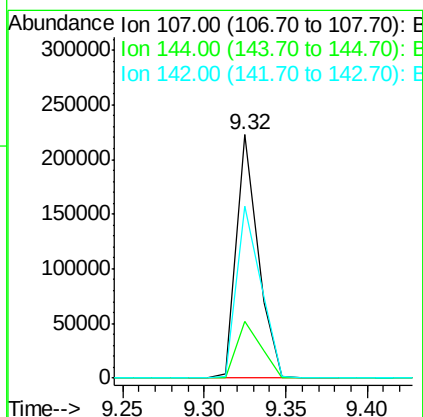
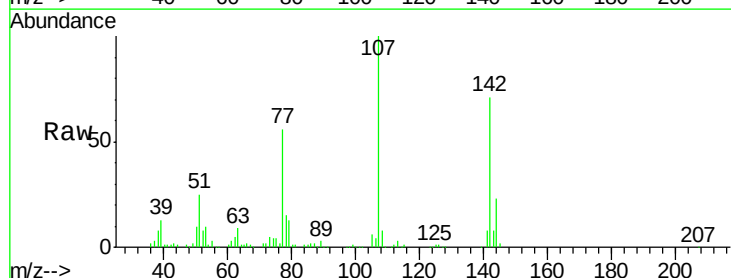
RT: 9.32 min Scan# 712

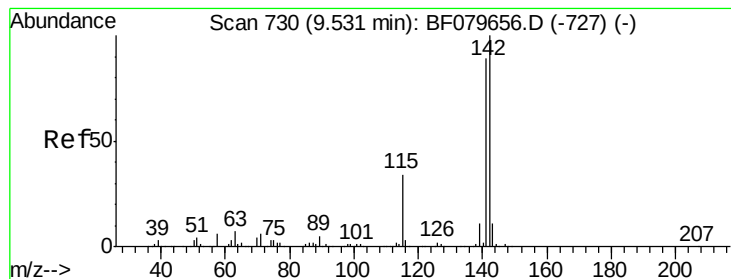
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	17.0	25.4
142	70.6	55.1	82.7





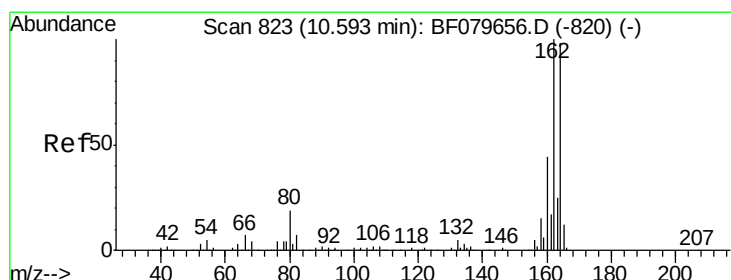
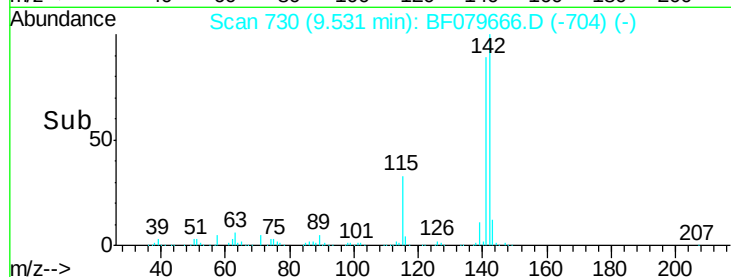
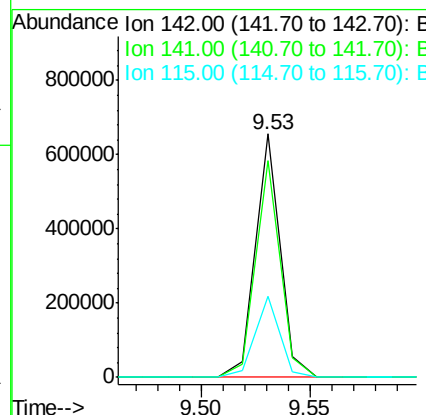
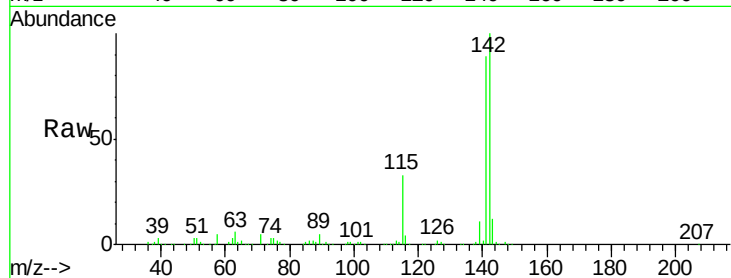
#37
2-Methylnaphthalene
Concen: 41.02 ng
RT: 9.53 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	516965		
141	88.9		71.4	107.0
115	33.3		27.3	40.9

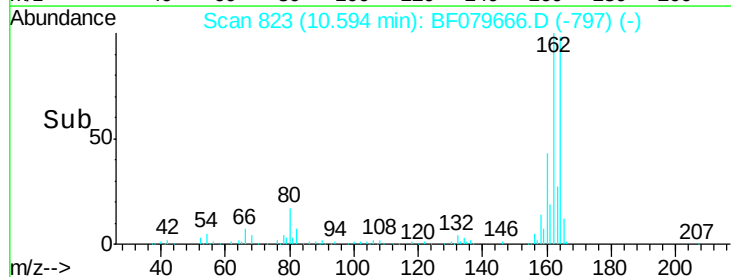
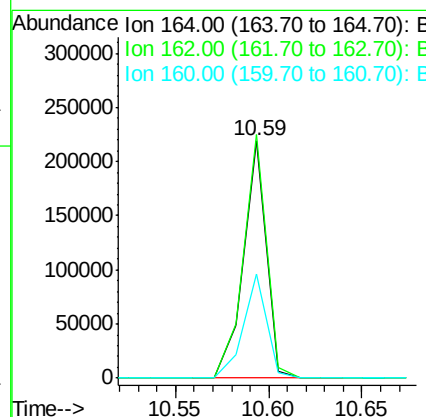
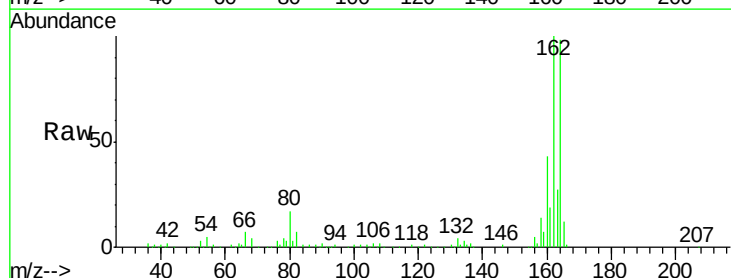
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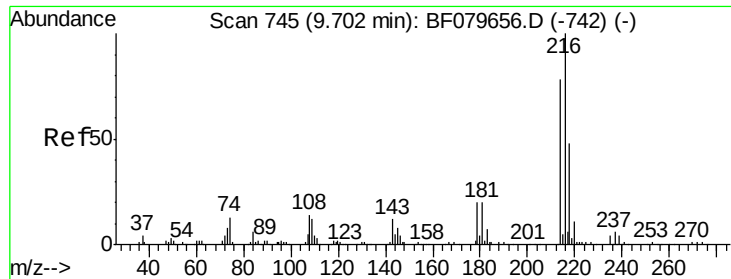
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	188663		
162	102.4		82.0	123.0
160	43.8		35.9	53.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.54 ng

RT: 9.70 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

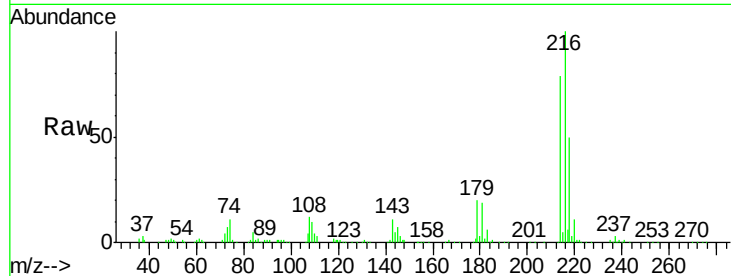
ClientSampleId :

PB83713BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		245423		
214	79.8		62.8	94.2	
179	21.1		16.6	24.8	
108	16.8		14.2	21.4	

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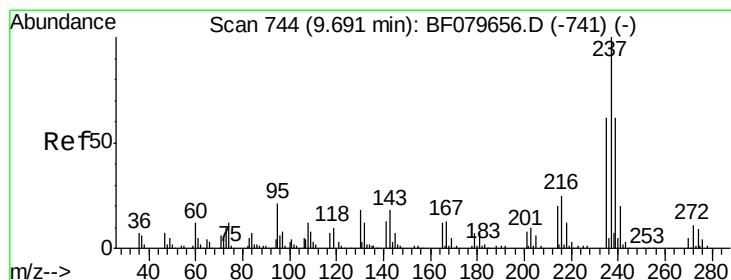
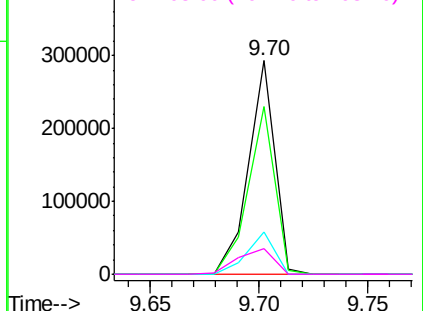
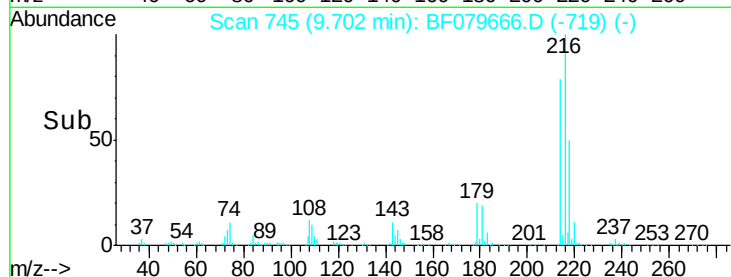


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.05 ng

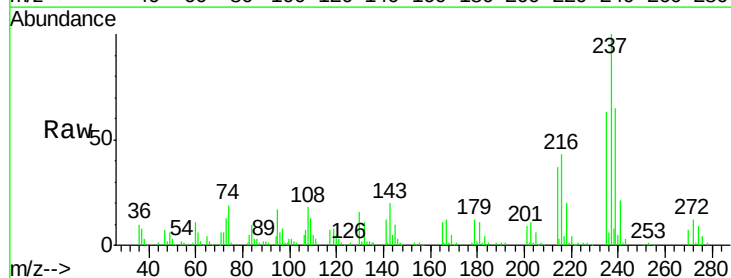
RT: 9.69 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

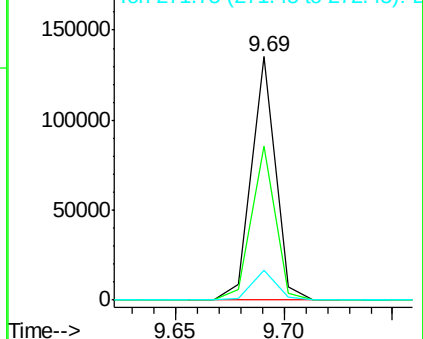
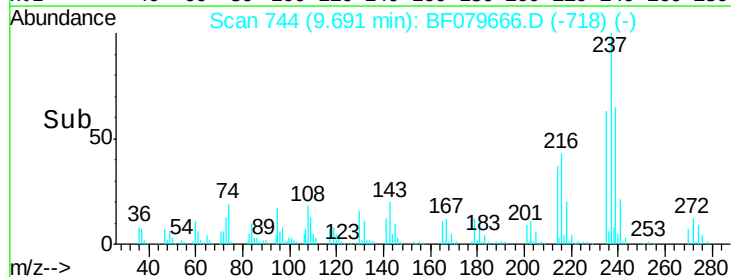
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		104071		
235	63.3		41.7	81.7	
272	12.3		0.0	31.1	

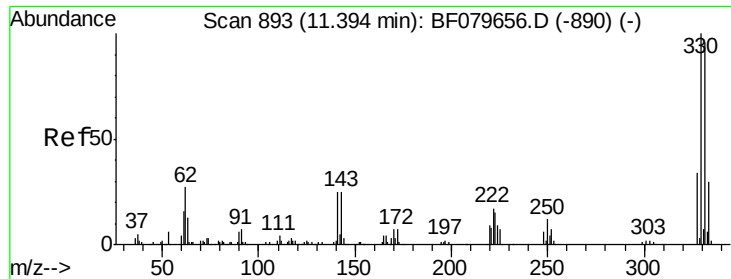


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





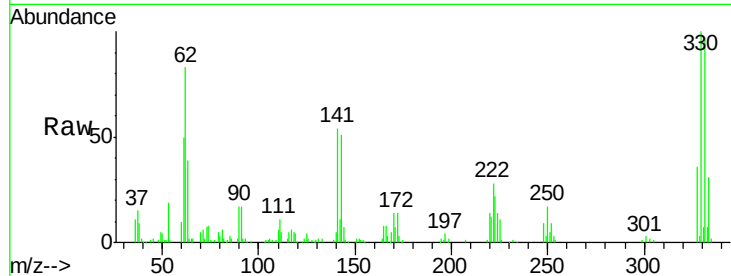
#41
 2,4,6-Tribromophenol
 Concen: 77.26 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB83713BS

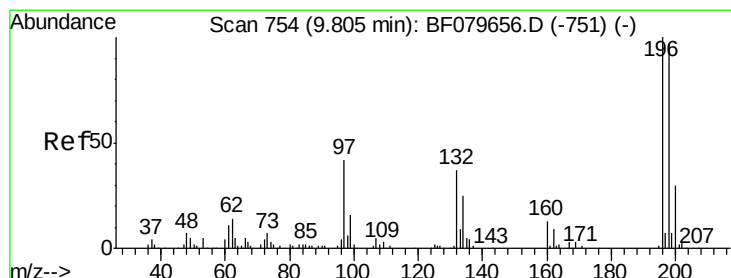
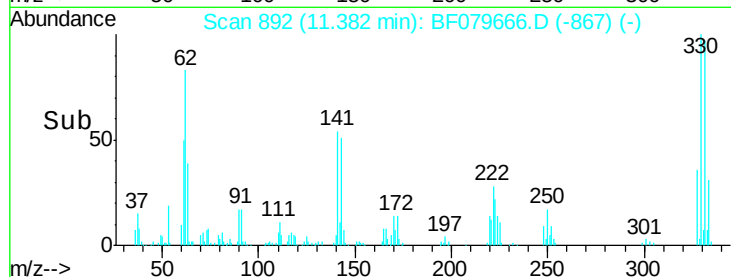
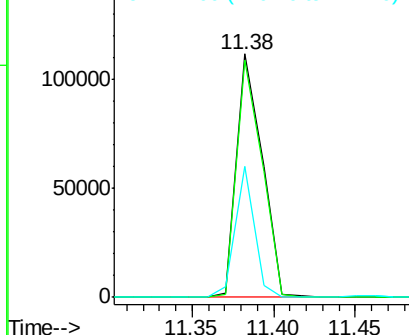
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.3	115.9	
141	40.4	27.4	41.2	

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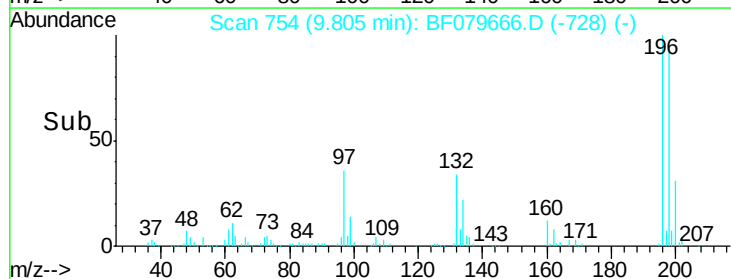
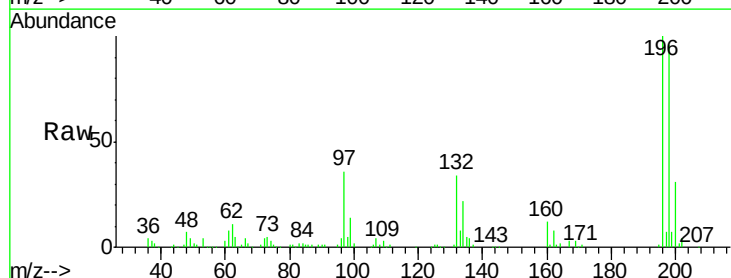
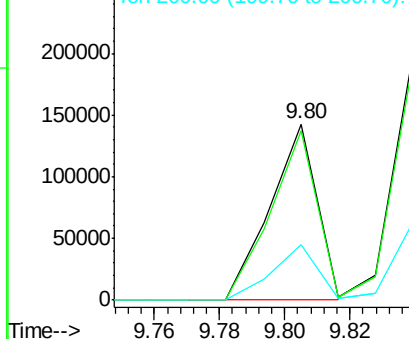
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

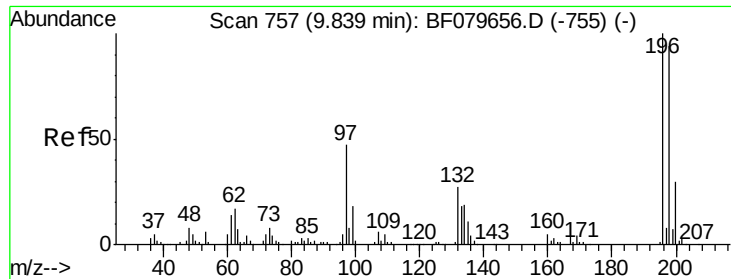


#42
 2,4,6-Trichlorophenol
 Concen: 43.31 ng
 RT: 9.80 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	77.3	115.9	
200	31.2	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





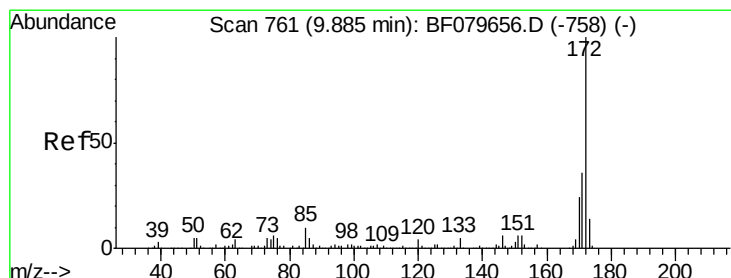
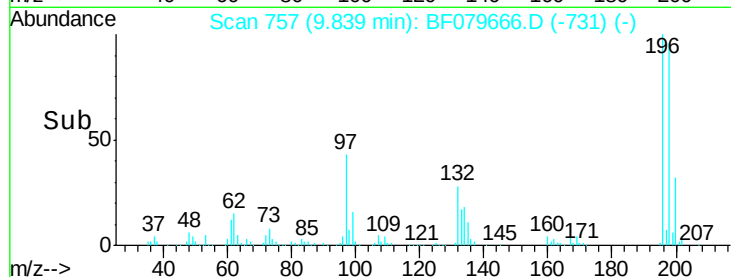
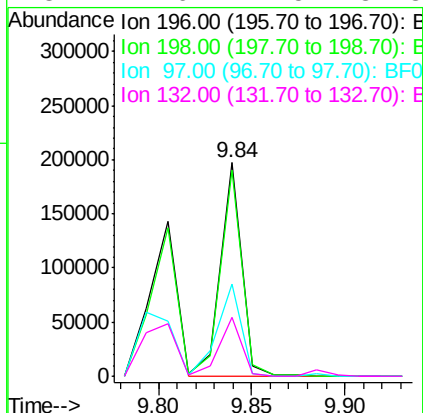
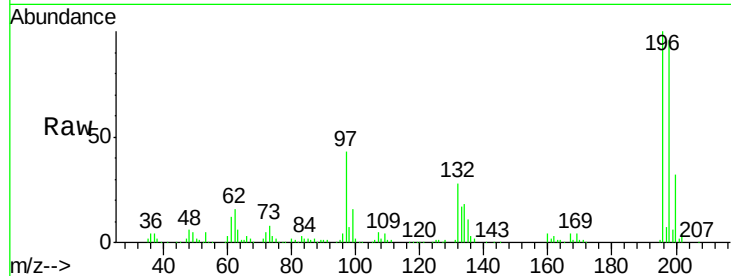
#43
2,4,5-Trichlorophenol
Concen: 43.31 ng
RT: 9.84 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		157959		
198	96.3		75.3	112.9	
97	43.5		37.6	56.4	
132	27.6		21.5	32.3	

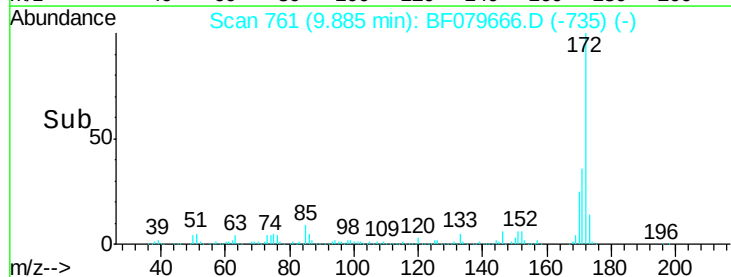
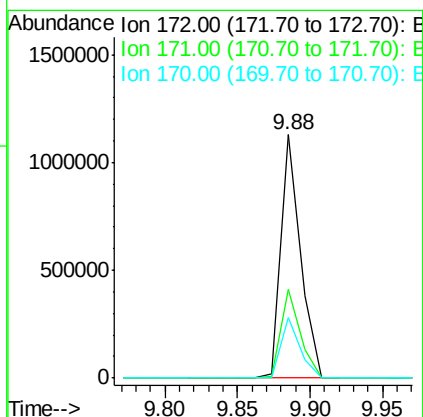
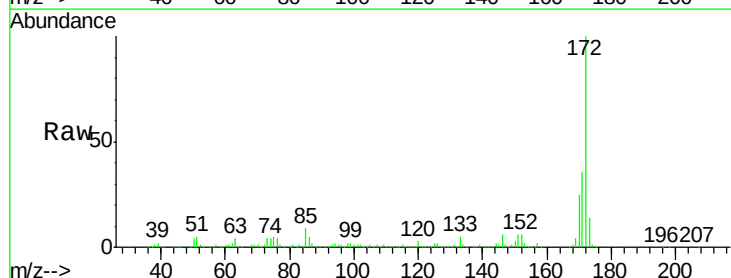
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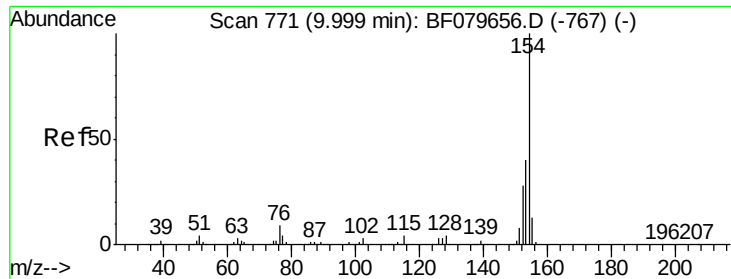
apatel
6/5/2015 8:06:03 AM



#44
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 9.88 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1048586		
171	36.4		28.8	43.2	
170	24.6		19.2	28.8	





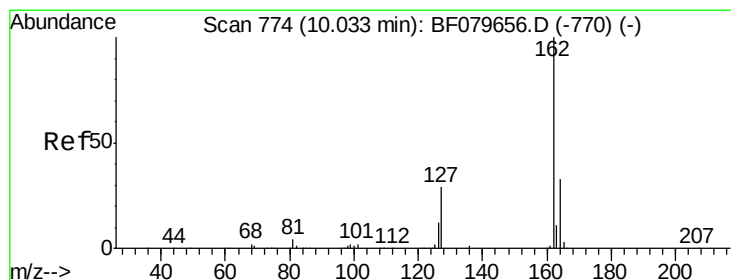
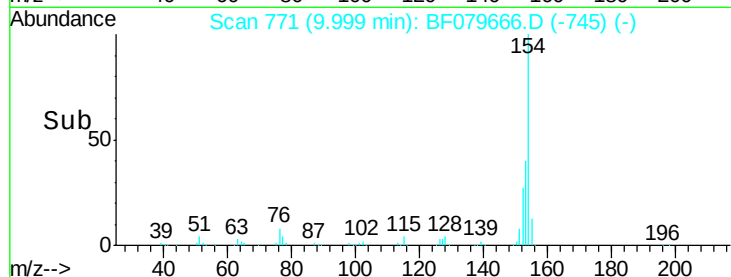
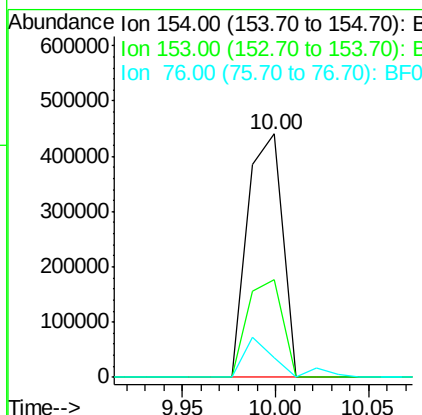
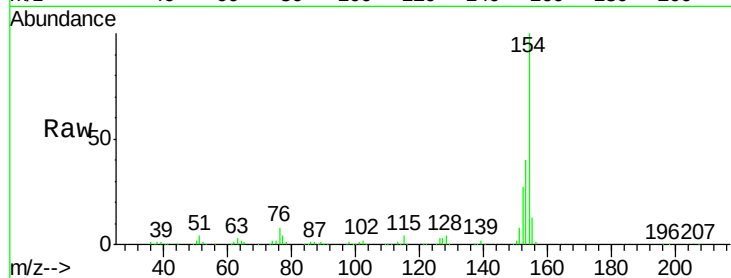
#45
 1,1'-Biphenyl
 Concen: 39.10 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.9	19.6	59.6	
76	8.2	0.0	29.5	

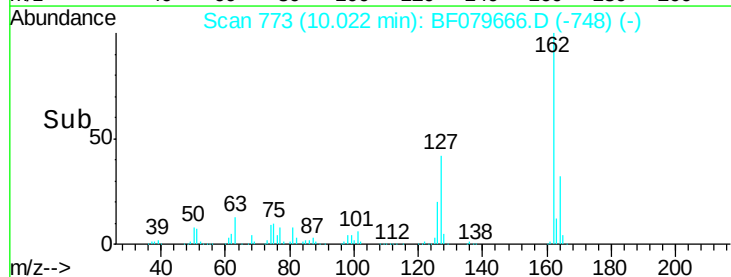
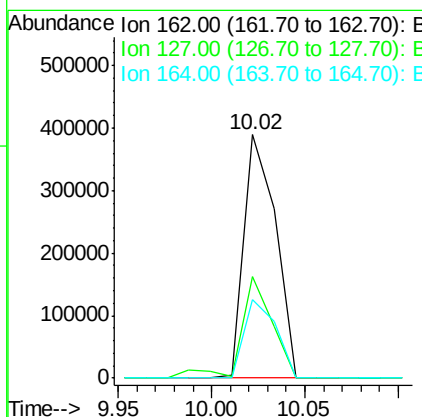
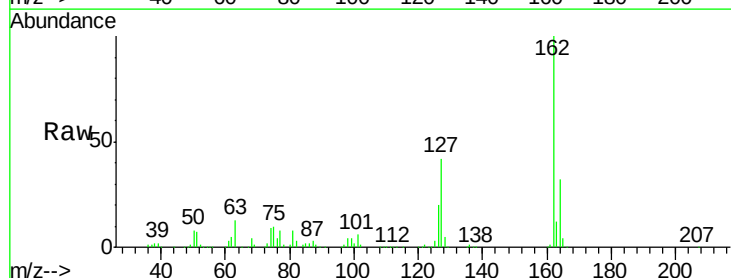
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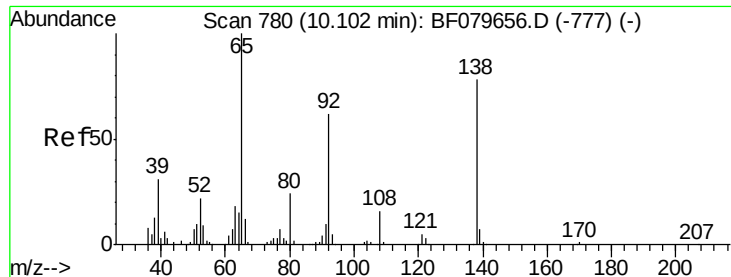
apatel
 6/5/2015 8:06:03 AM



#46
 2-Chloronaphthalene
 Concen: 40.09 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.9	25.6	38.4#	
164	32.4	26.3	39.5	





#47

2-Nitroaniline

Concen: 45.05 ng

RT: 10.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

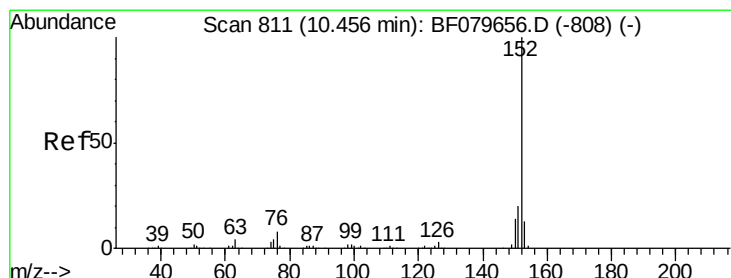
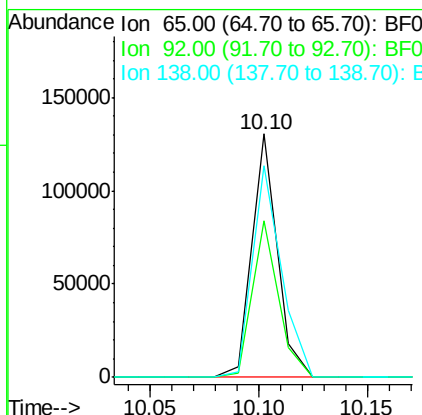
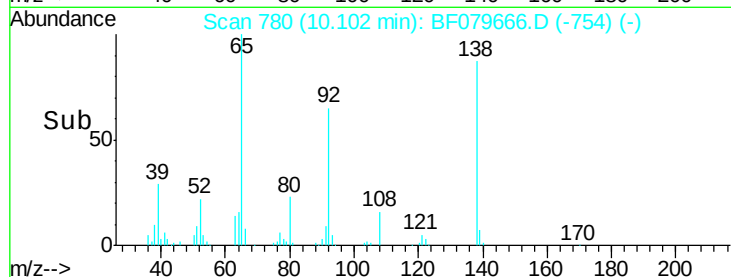
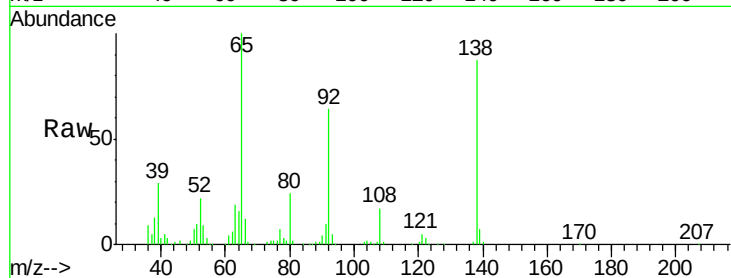
ClientSampleId :

PB83713BS

Tot Ion:	65	Resp:	105741
Ion Ratio	Lower	Upper	
65	100		
92	64.5	49.7	74.5
138	86.9	62.6	94.0

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#48

Acenaphthylene

Concen: 40.43 ng

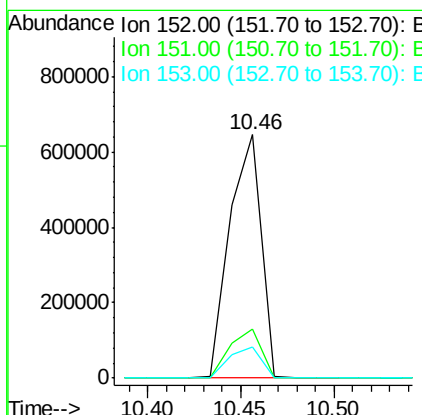
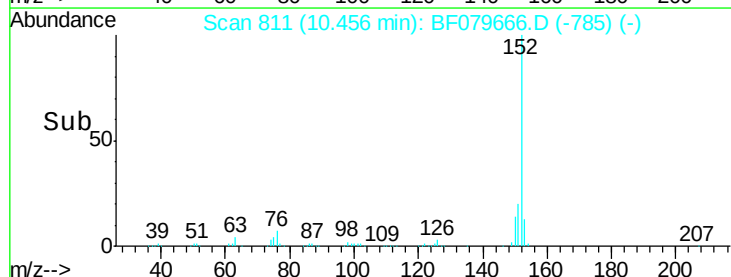
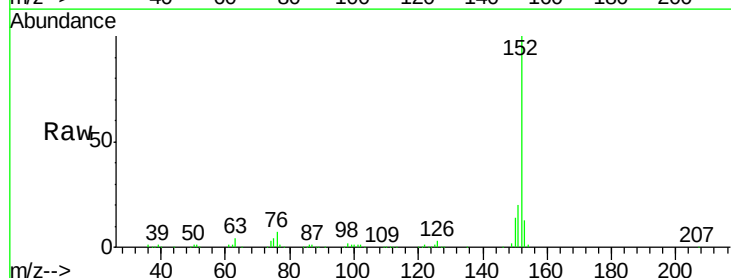
RT: 10.46 min Scan# 811

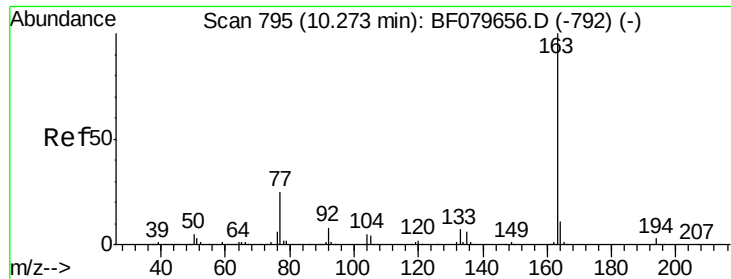
Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	152	Resp:	764009
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.0	10.4	15.6





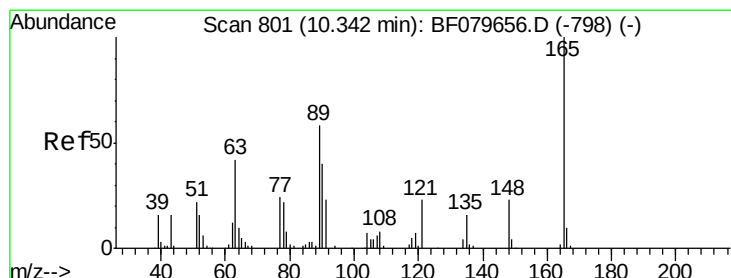
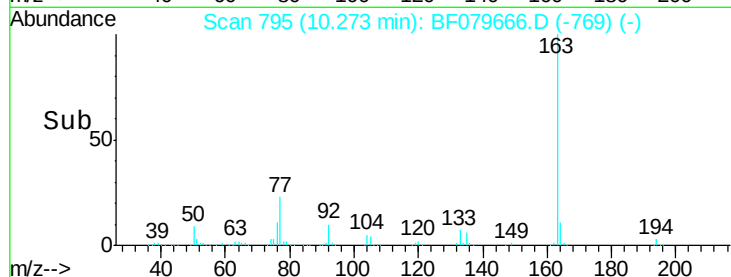
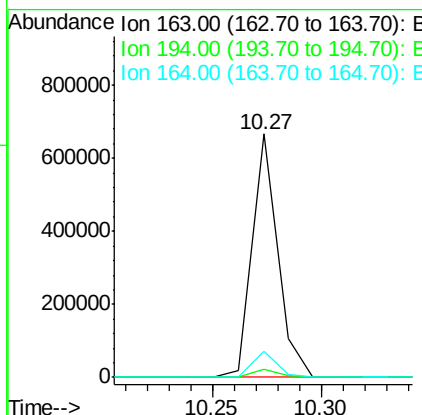
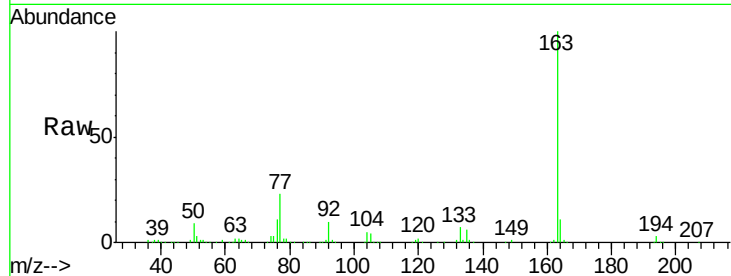
#49
Dimethylphthalate
Concen: 39.38 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampled :
PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	544436		
194	3.2		2.6	3.8
164	10.7		8.6	12.8

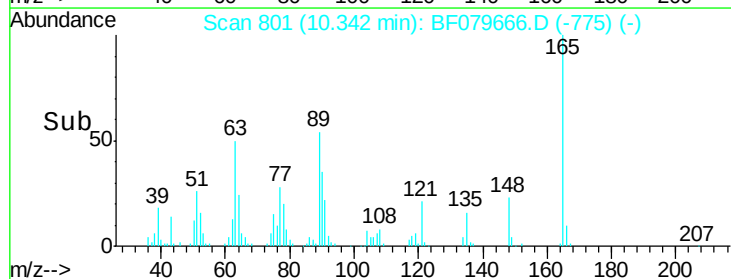
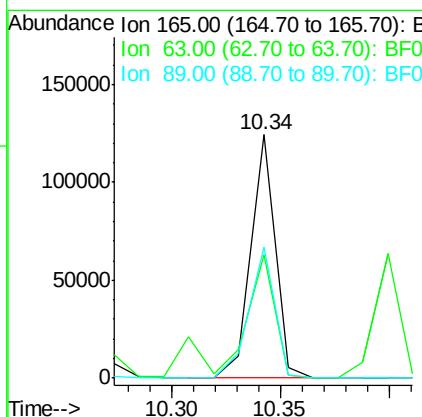
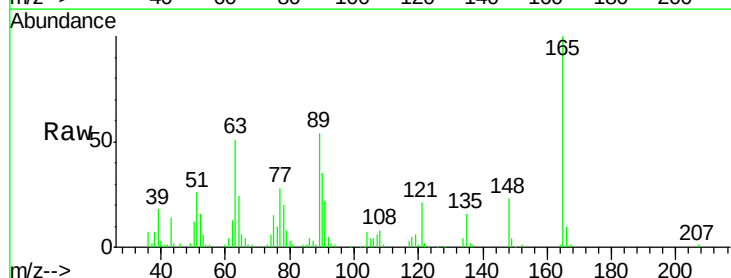
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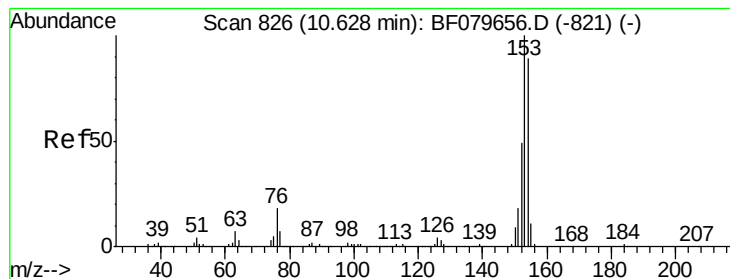
apatel
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#50
2,6-Dinitrotoluene
Concen: 44.18 ng
RT: 10.34 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	97017		
63	50.6		45.9	68.9
89	53.9		46.8	70.2





#51

Acenaphthene

Concen: 39.83 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

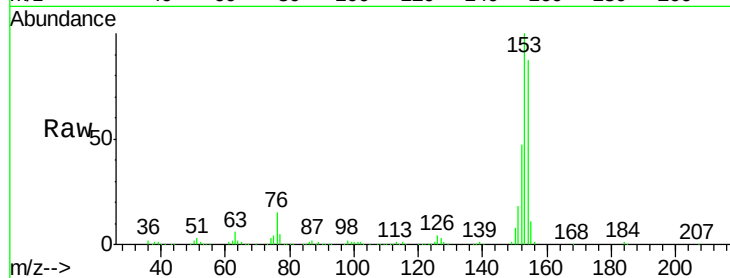
ClientSampleId :

PB83713BS

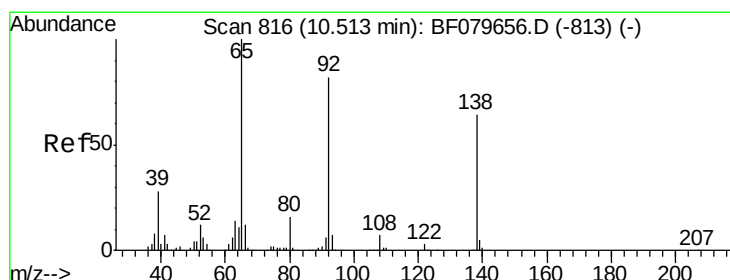
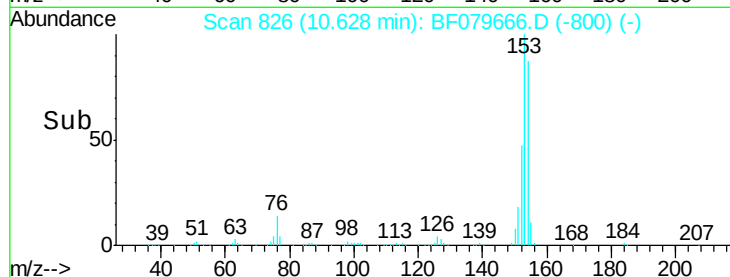
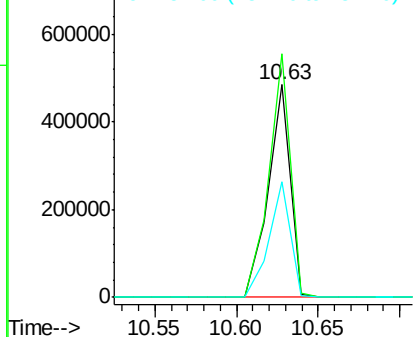
Tot Ion:	154	Resp:	456112
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.8	134.6
152	54.2	43.8	65.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.00 ng

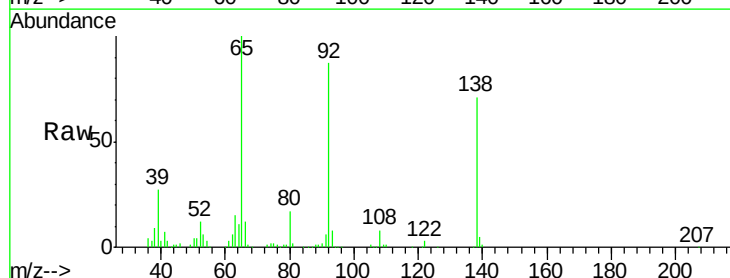
RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

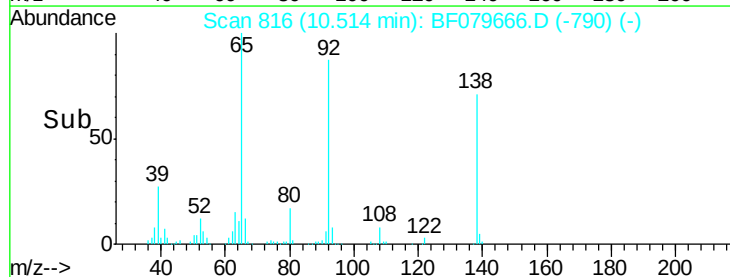
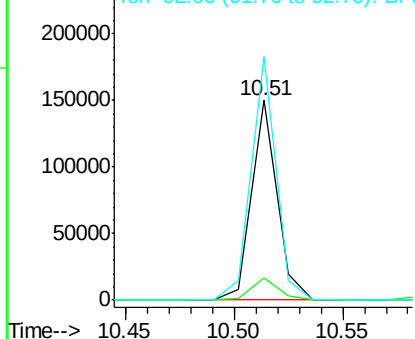
Lab File: BF079666.D

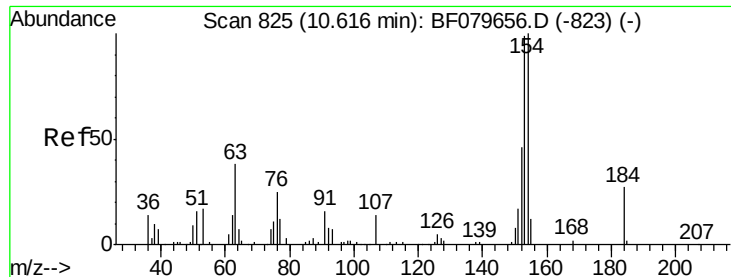
Acq: 3 Jun 2015 17:03

Tgt Ion:	138	Resp:	121895
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	121.9	101.4	152.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





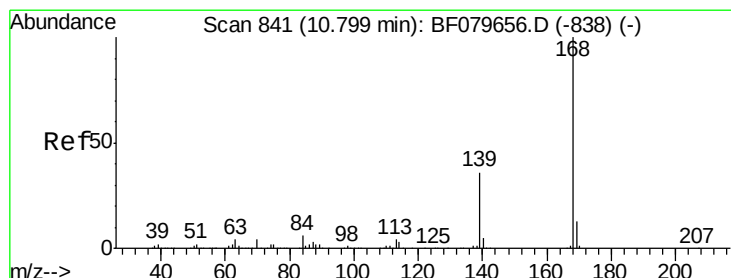
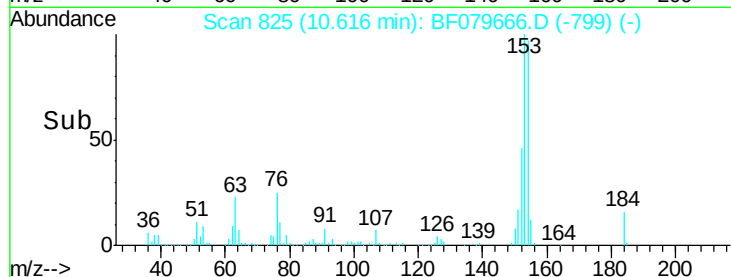
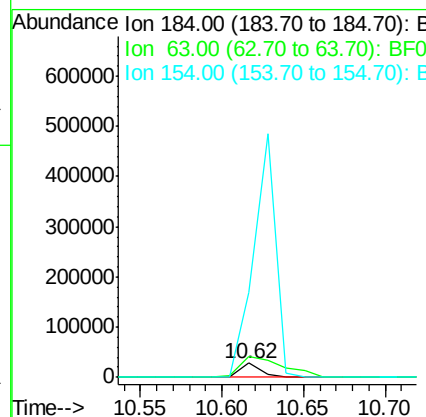
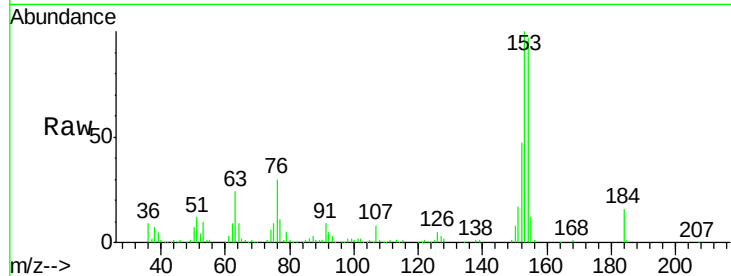
#53
 2,4-Dinitrophenol
 Concen: 38.36 ng
 RT: 10.62 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	153.0	114.0	171.0	
154	610.6	297.0	445.4	

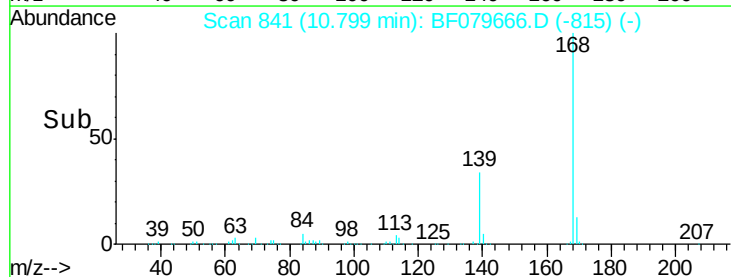
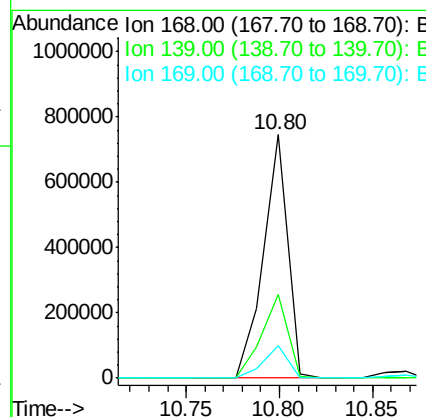
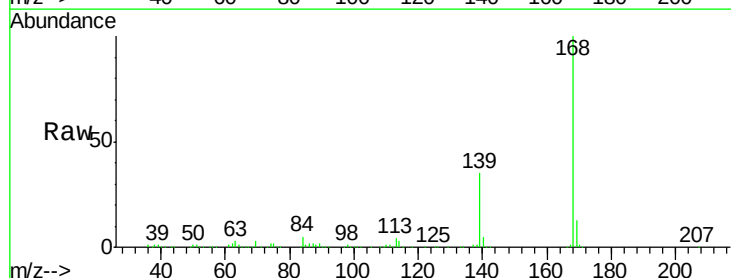
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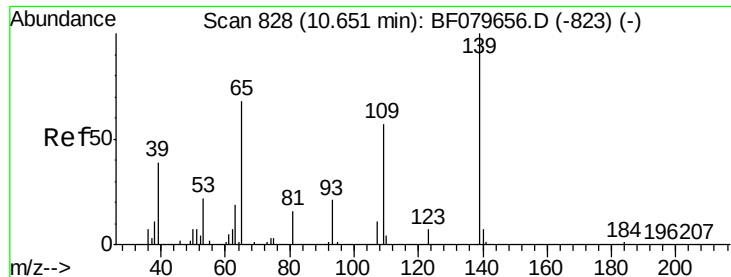
apatel
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#54
 Dibenzofuran
 Concen: 40.17 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	34.5	29.1	43.7	
169	13.4	10.7	16.1	





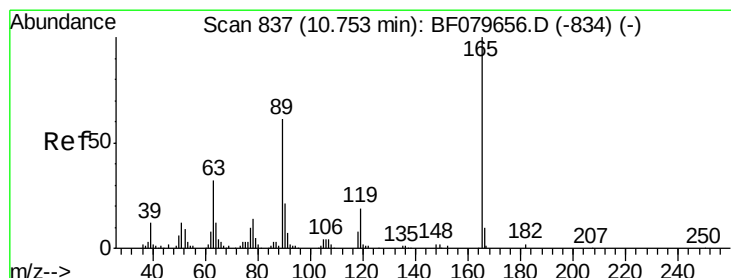
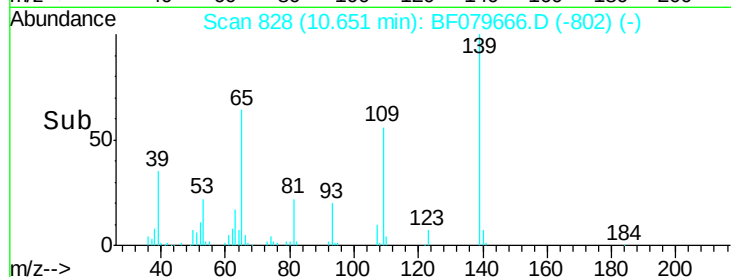
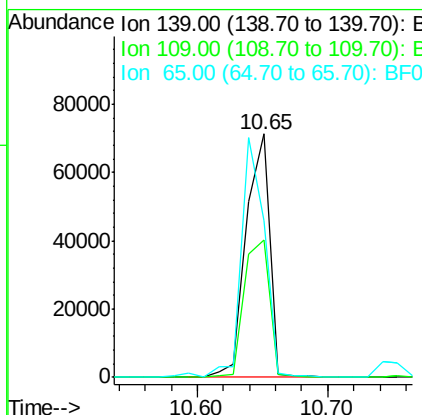
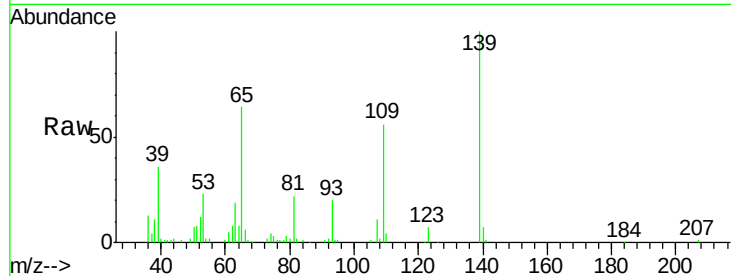
#55
4-Nitrophenol
Concen: 40.86 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.4	37.1	77.1	
65	64.4	49.2	89.2	

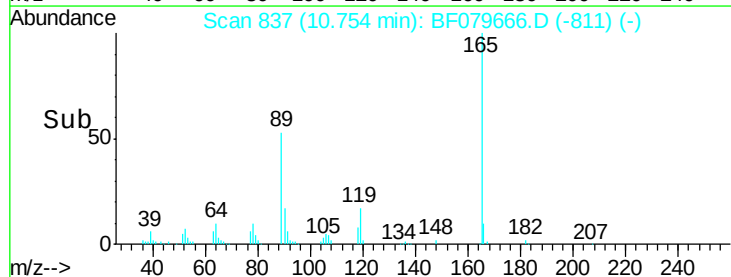
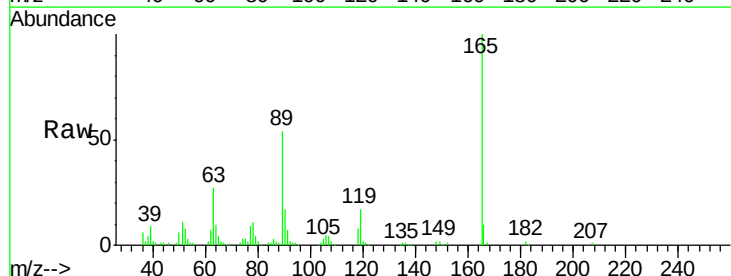
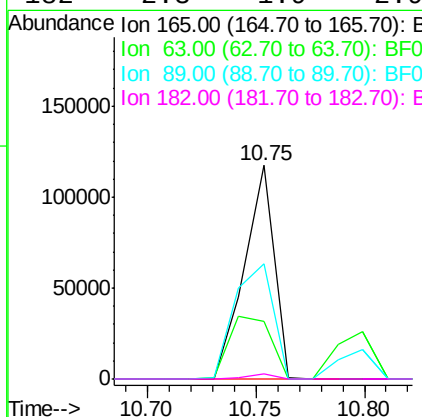
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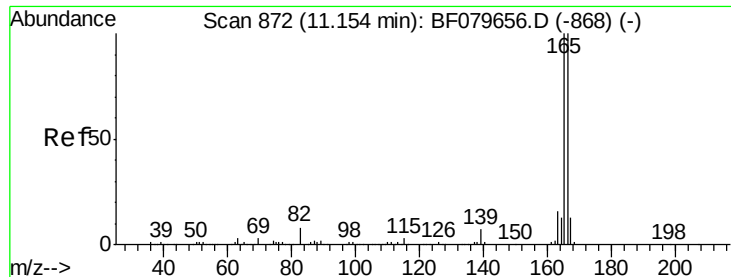
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#56
2,4-Dinitrotoluene
Concen: 41.96 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	27.0	25.5	38.3	
89	54.0	48.5	72.7	
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 39.13 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

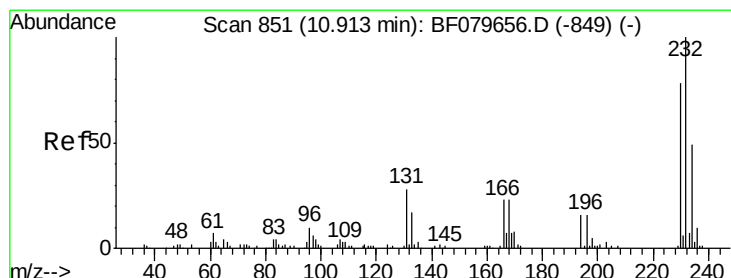
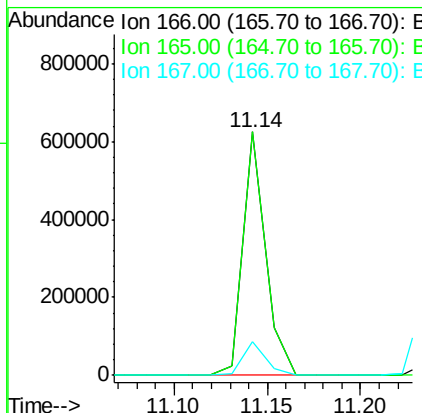
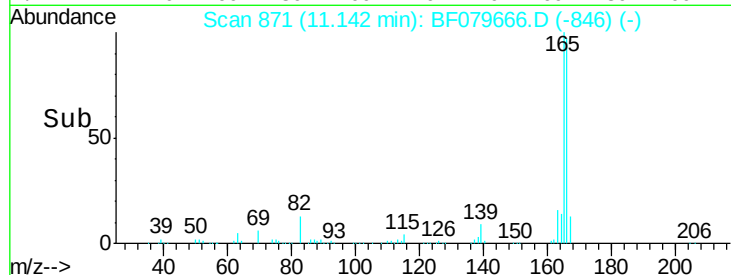
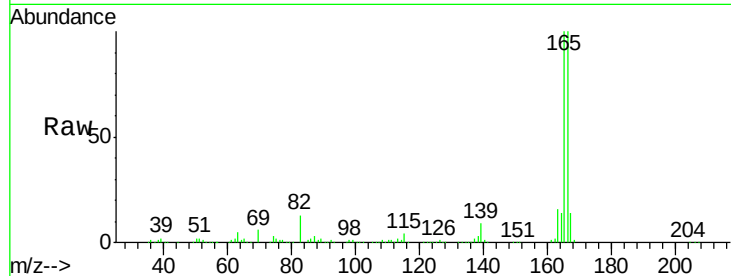
ClientSampleId :

PB83713BS

Tot Ion:	166	Resp:	531401
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.8	119.6
167	13.8	10.6	15.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.12 ng

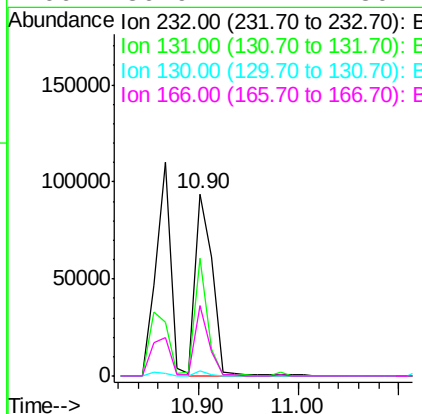
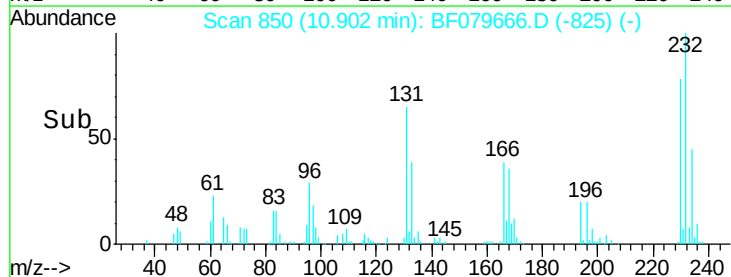
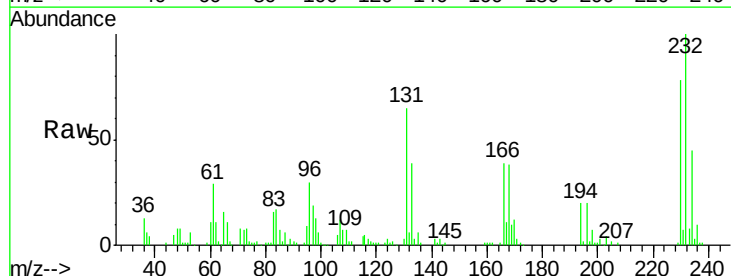
RT: 10.90 min Scan# 850

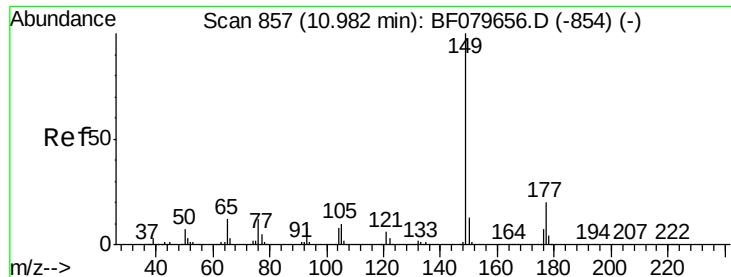
Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	232	Resp:	111523
Ion Ratio	Lower	Upper	
232	100		
131	47.9	36.6	54.8
130	2.0	1.6	2.4
166	30.9	24.1	36.1





#59

Diethylphthalate

Concen: 41.88 ng

RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

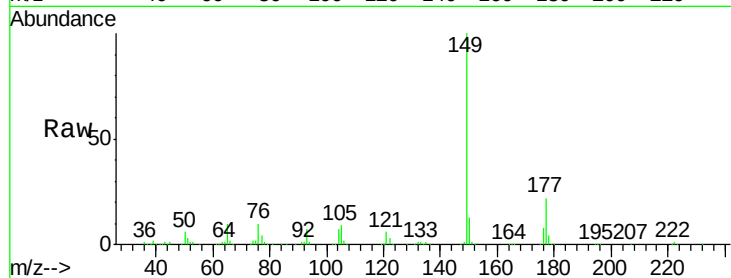
ClientSampleId :

PB83713BS

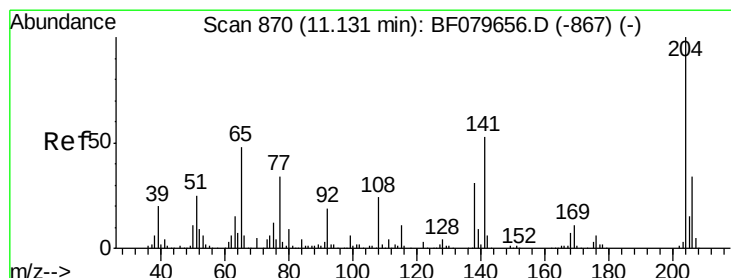
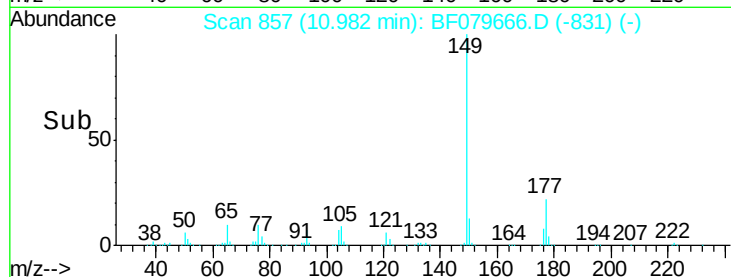
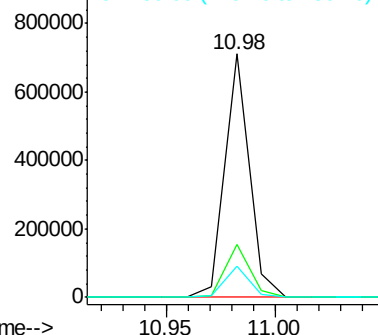
Tot Ion:	149	Resp:	555953
Ion Ratio	Lower	Upper	
149	100		
177	21.6	16.1	24.1
150	12.6	10.2	15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.84 ng

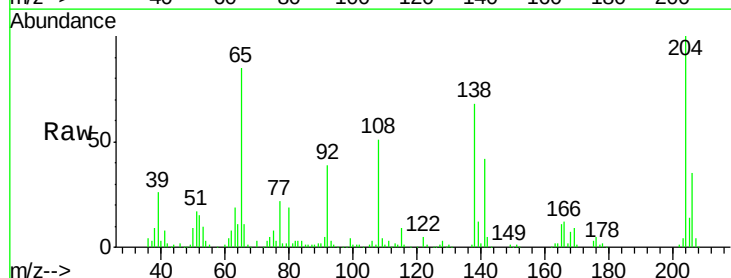
RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

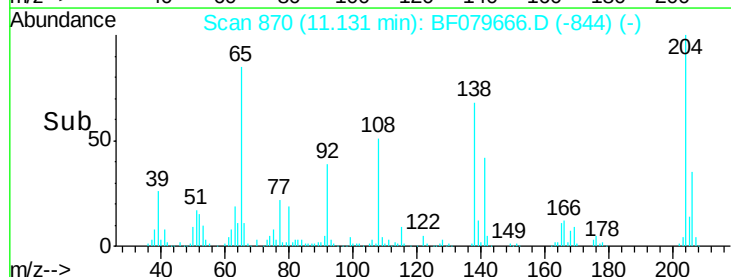
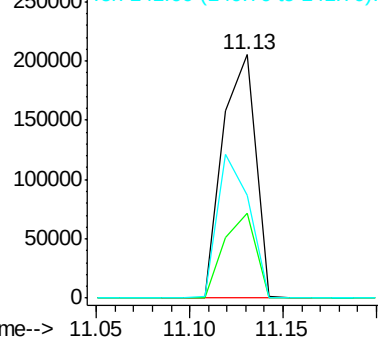
Lab File: BF079666.D

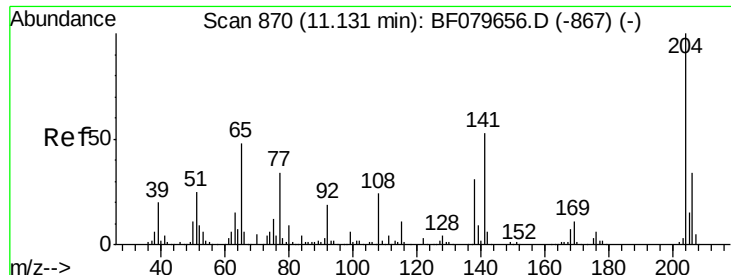
Acq: 3 Jun 2015 17:03

Tgt Ion:	204	Resp:	250386
Ion Ratio	Lower	Upper	
204	100		
206	34.7	27.5	41.3
141	42.2	42.8	64.2#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





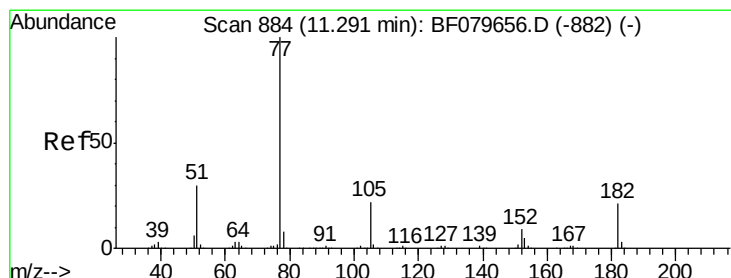
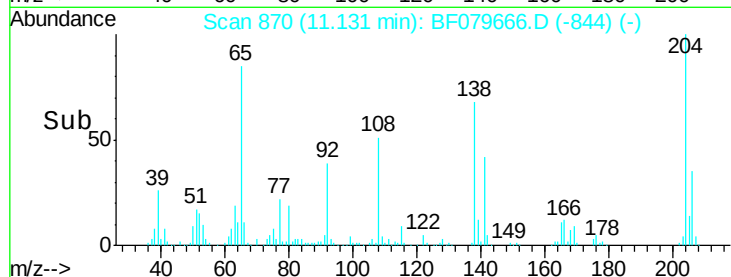
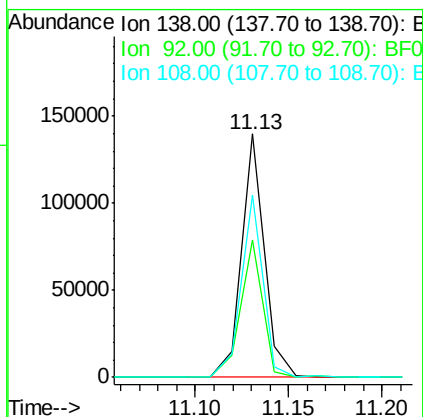
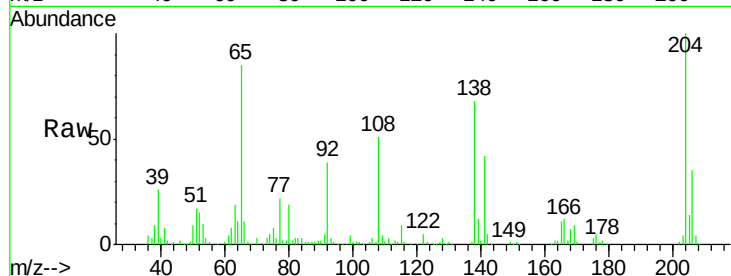
#61
4-Nitroaniline
Concen: 44.63 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	119268		
92	56.7	40.7	80.7	
108	74.7	56.0	96.0	

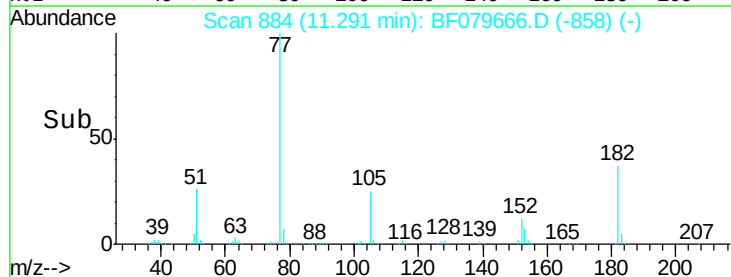
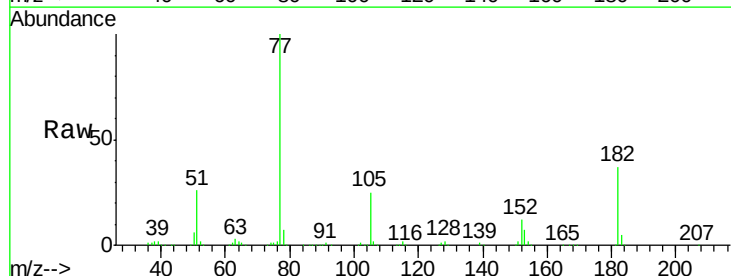
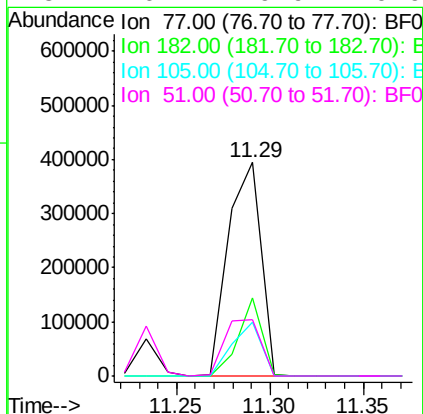
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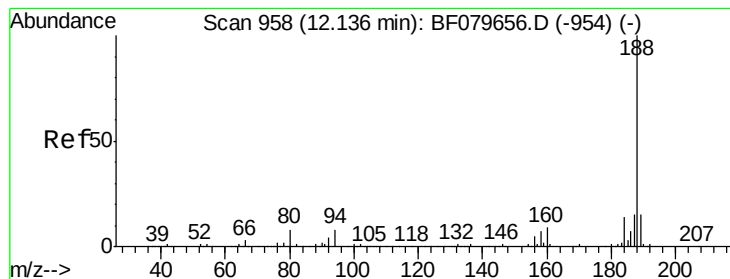
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#62
Azobenzene
Concen: 39.13 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	485600		
182	36.6	1.3	41.3	
105	25.4	2.3	42.3	
51	26.2	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.11 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

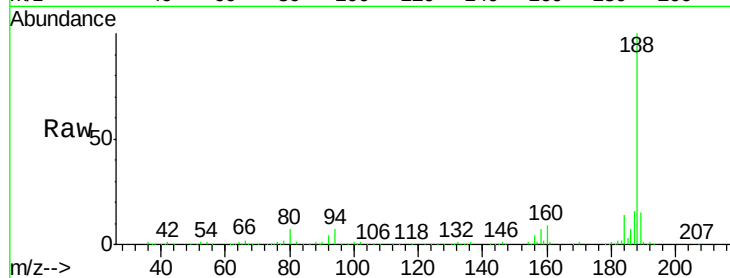
ClientSampleId :

PB83713BS

Tot Ion	188	Resp	359102
Ion Ratio	Lower	Upper	
188	100		
94	6.8	6.1	9.1
80	7.3	6.2	9.2

Manual Integrations
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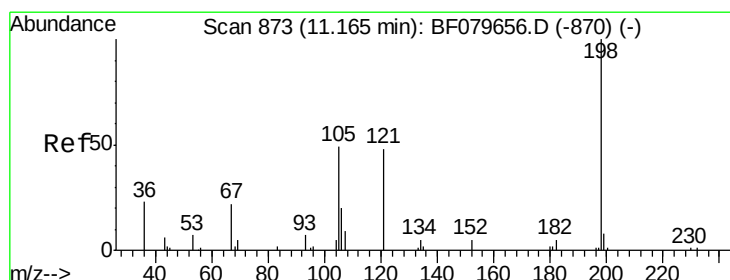
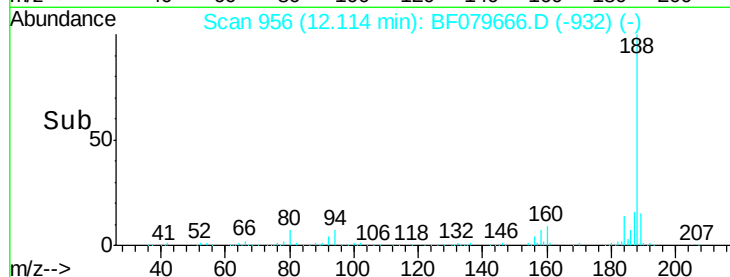
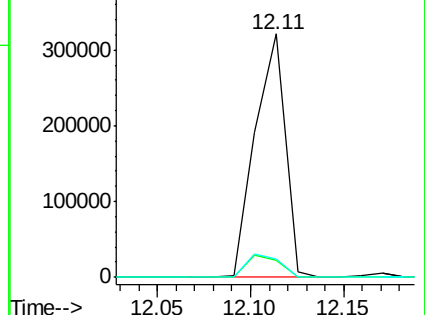
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.49 ng

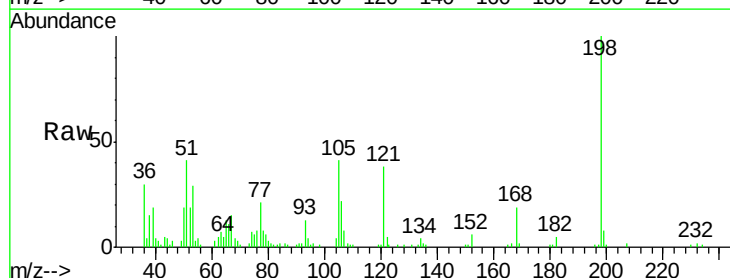
RT: 11.16 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

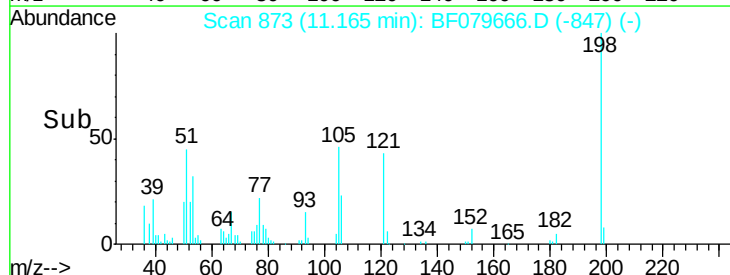
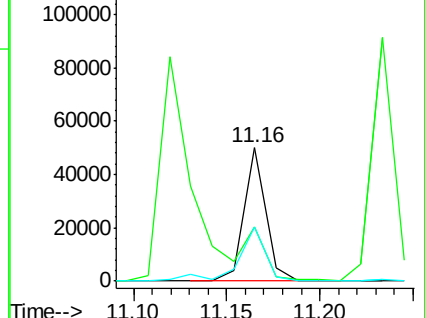
Tgt Ion	198	Resp	40672
Ion Ratio	Lower	Upper	
198	100		
51	40.5	46.1	86.1#
105	40.8	34.6	74.6

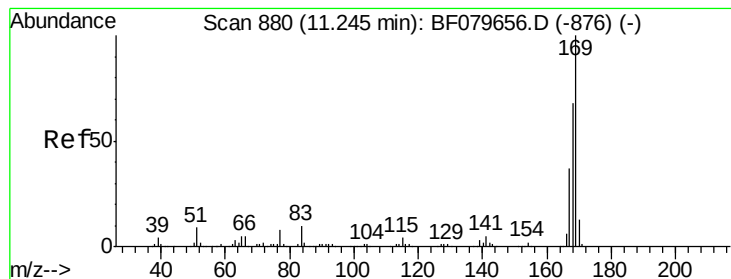


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.10 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

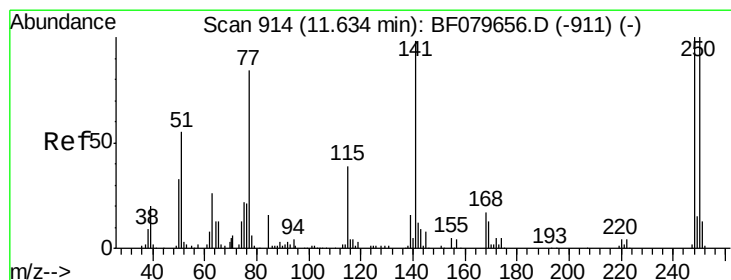
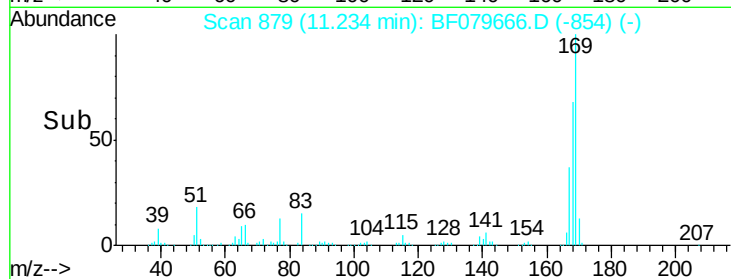
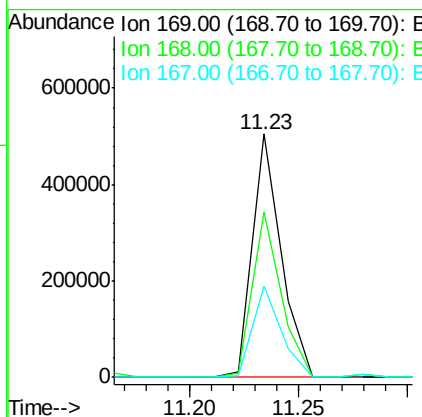
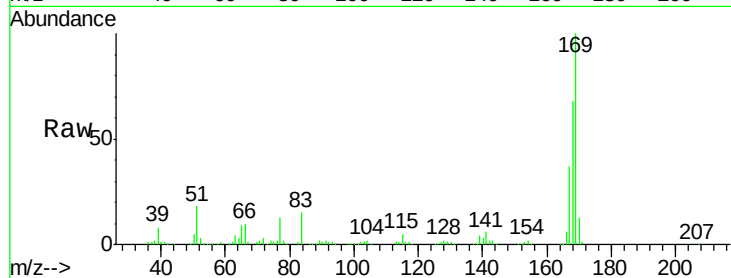
ClientSampleId :

PB83713BS

Tot Ion:	169	Resp:	463454
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.3	81.5
167	37.5	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 42.14 ng

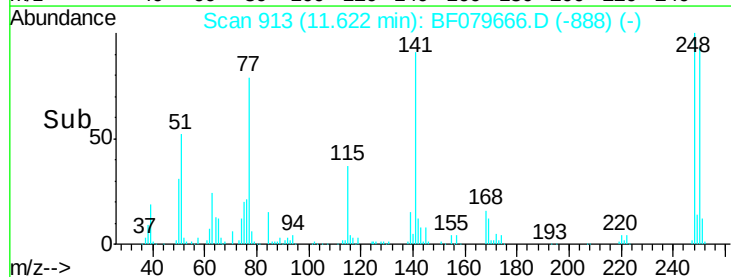
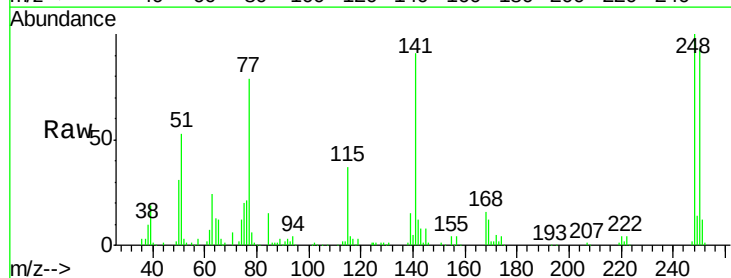
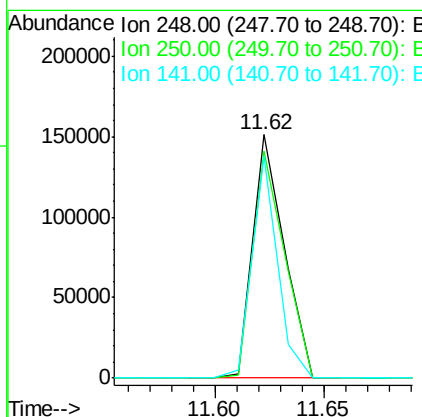
RT: 11.62 min Scan# 913

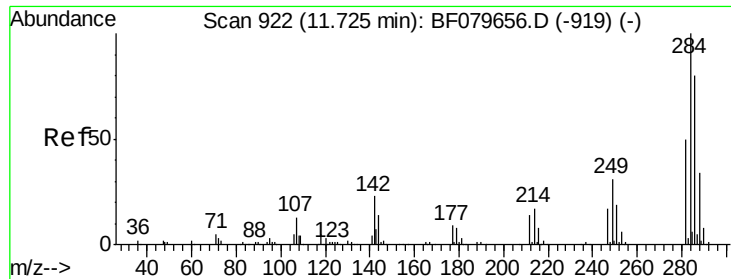
Delta R.T. -0.01 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	248	Resp:	151838
Ion Ratio	Lower	Upper	
248	100		
250	93.3	80.0	120.0
141	91.0	78.8	118.2





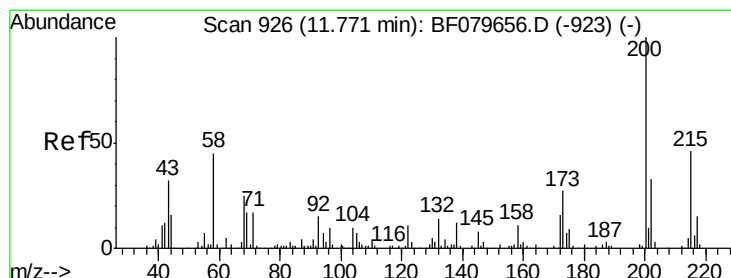
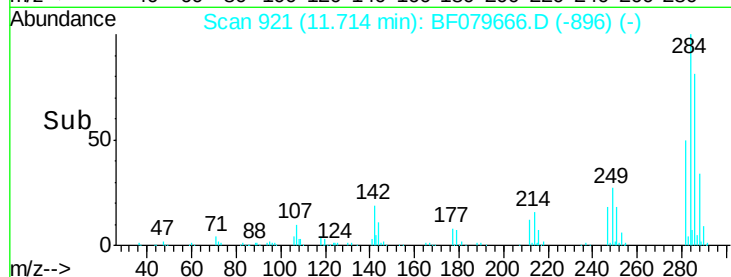
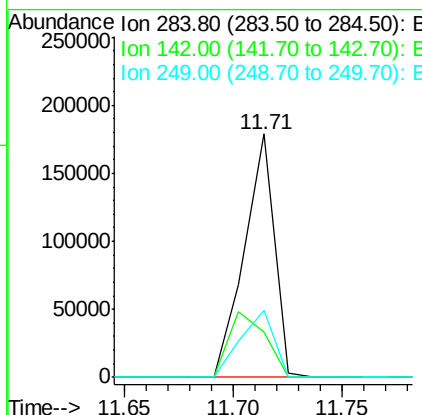
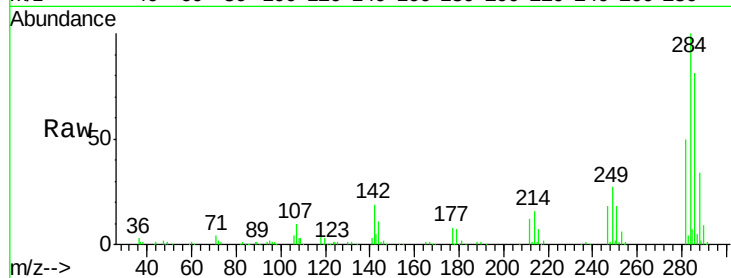
#67
Hexachlorobenzene
Concen: 40.48 ng
RT: 11.71 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	171386		
142	18.6	18.6	28.0	#
249	27.5	24.5	36.7	

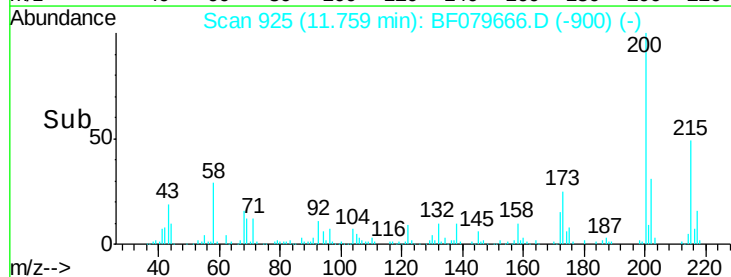
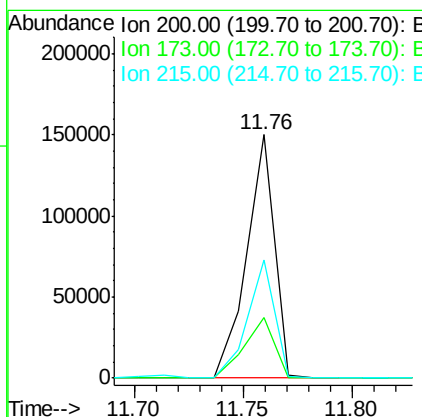
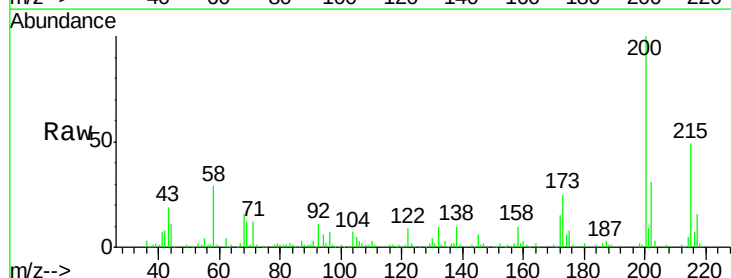
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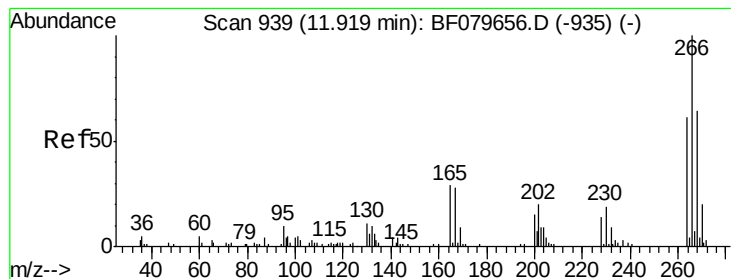
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#68
Atrazine
Concen: 45.82 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	132330		
173	25.1	6.7	46.7	
215	48.6	26.1	66.1	





#69

Pentachlorophenol

Concen: 49.59 ng

RT: 11.90 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

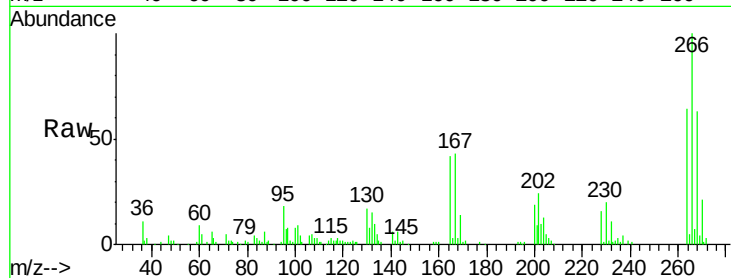
ClientSampleId :

PB83713BS

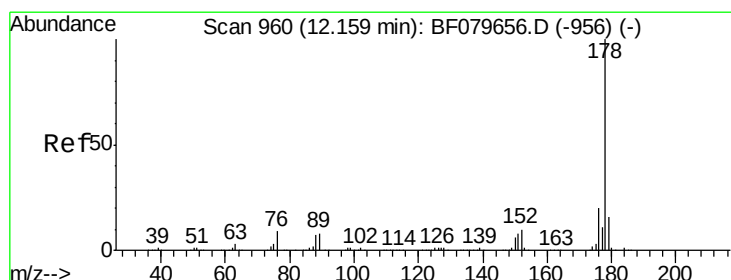
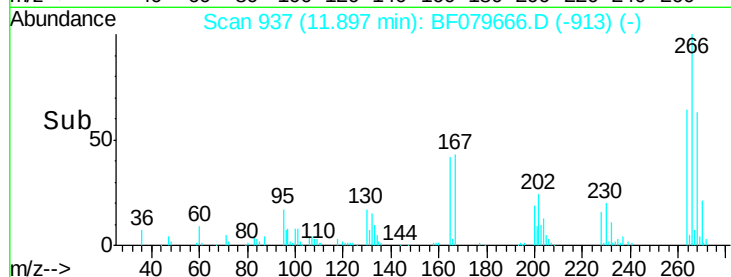
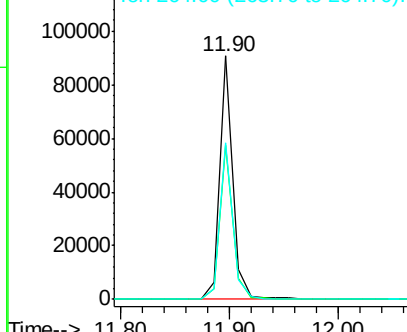
Tot Ion:	266	Resp:	76910
Ion Ratio	Lower	Upper	
266	100		
268	63.4	51.0	76.4
264	64.2	48.6	72.8

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.33 ng

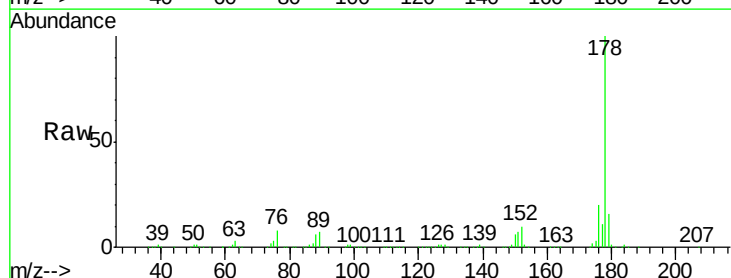
RT: 12.14 min Scan# 958

Delta R.T. -0.02 min

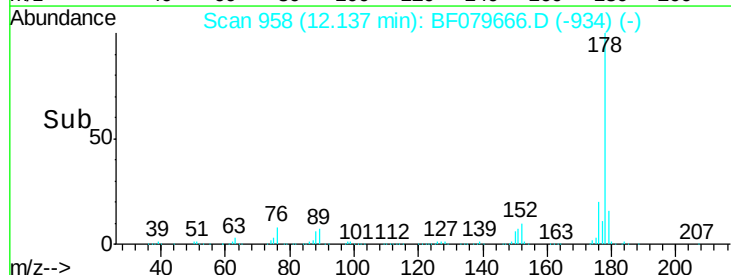
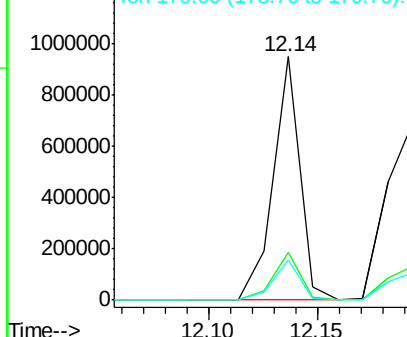
Lab File: BF079666.D

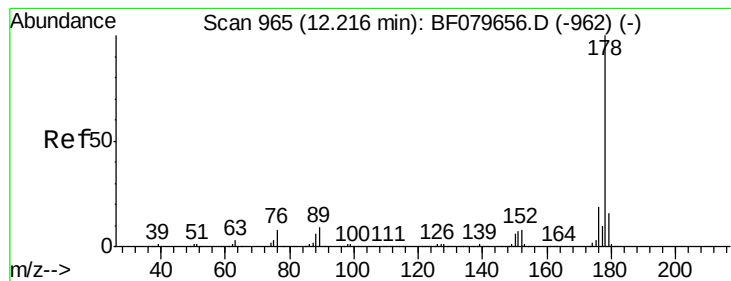
Acq: 3 Jun 2015 17:03

Tgt Ion:	178	Resp:	820630
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	16.3	12.7	19.1



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





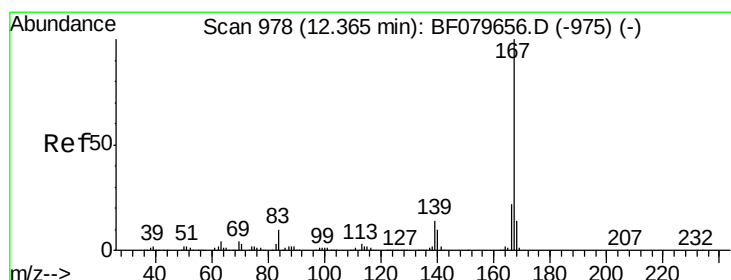
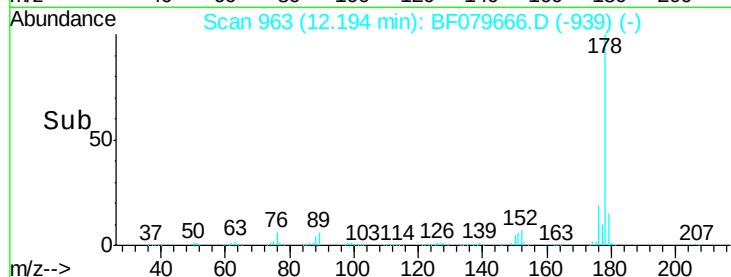
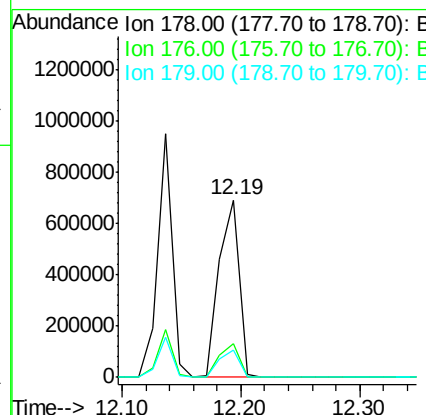
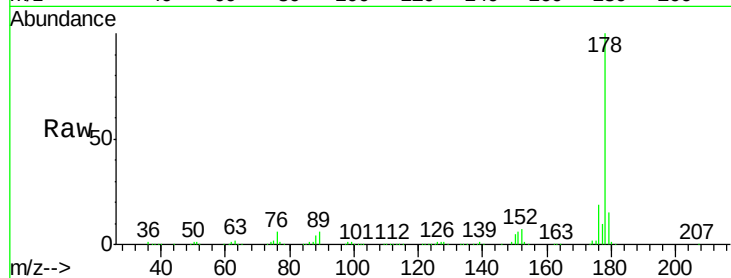
#71
 Anthracene
 Concen: 40.39 ng
 RT: 12.19 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.6	19.0

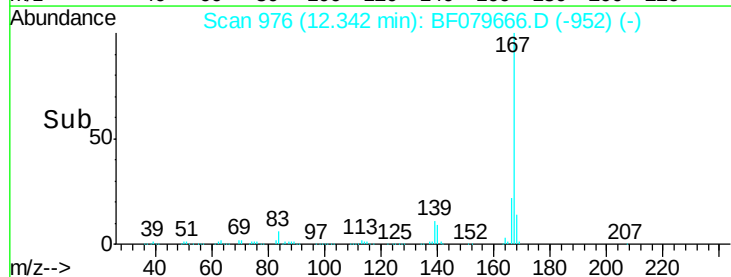
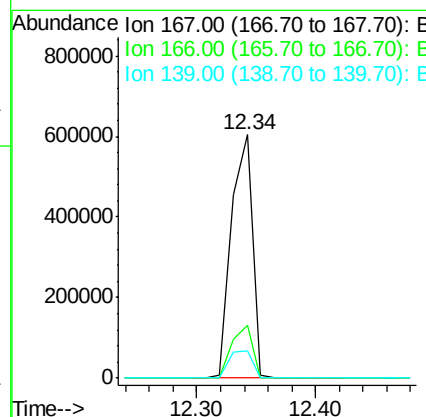
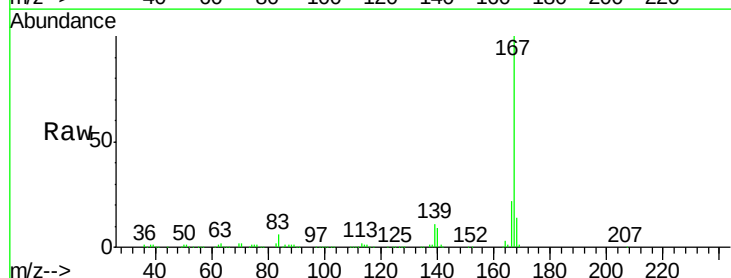
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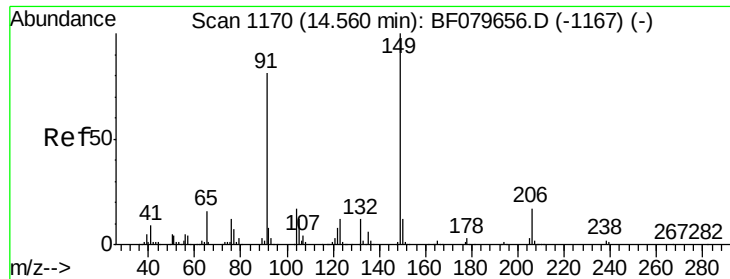
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#72
 Carbazole
 Concen: 40.22 ng
 RT: 12.34 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	11.4	11.3	16.9





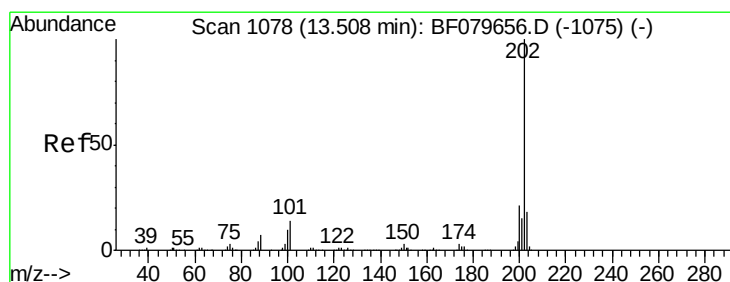
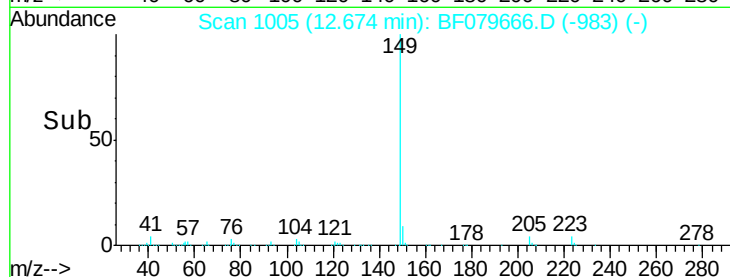
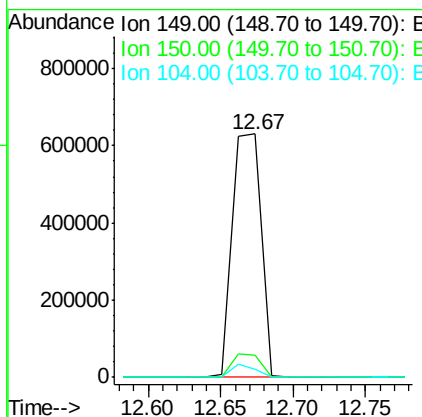
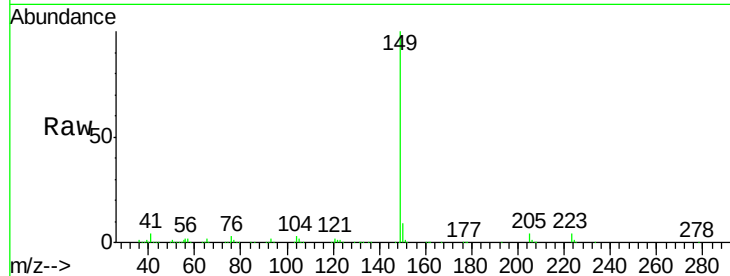
#73
Di-n-butylphthalate
Concen: 43.26 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	9.5	14.3#
104	3.5	13.8	20.6#

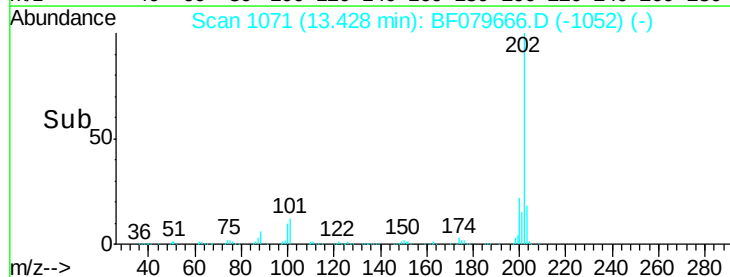
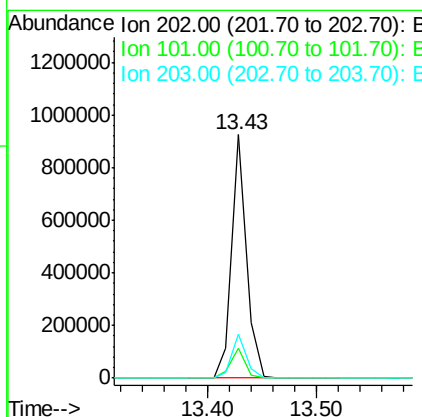
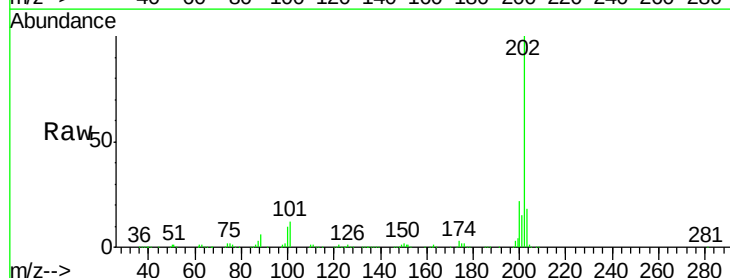
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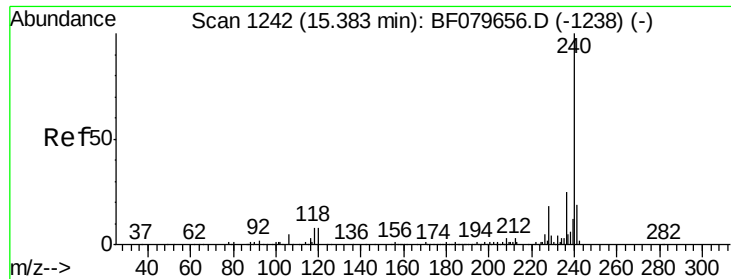
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#74
Fluoranthene
Concen: 40.37 ng
RT: 13.43 min Scan# 1071
Delta R.T. -0.08 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.0
203	18.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.18 min Scan# 1224

Delta R.T. -0.21 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

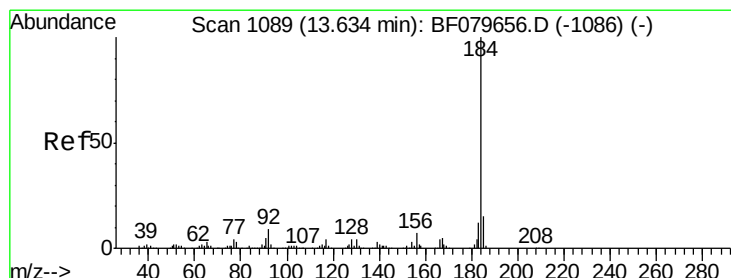
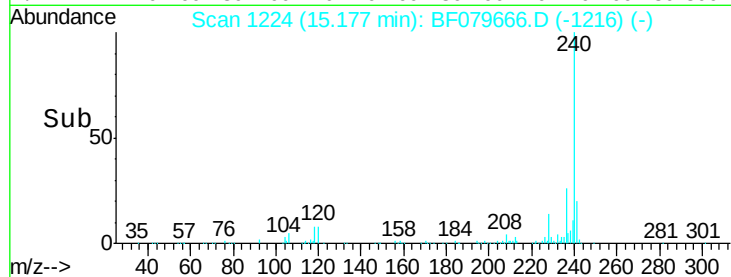
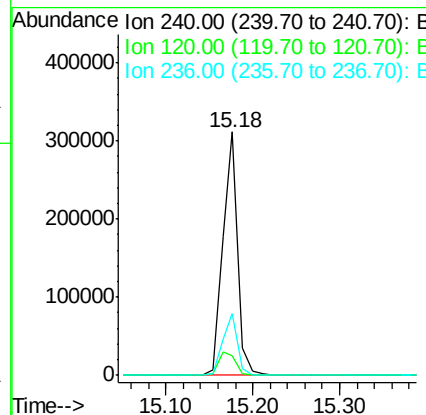
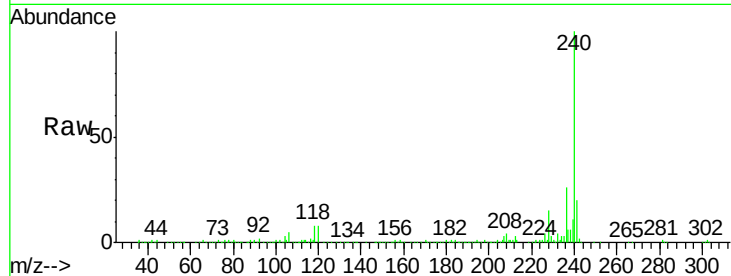
ClientSampleId :

PB83713BS

Tot Ion:	240	Resp:	371061
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.4	9.6
236	25.5	20.2	30.4

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#76

Benzidine

Concen: 49.22 ng

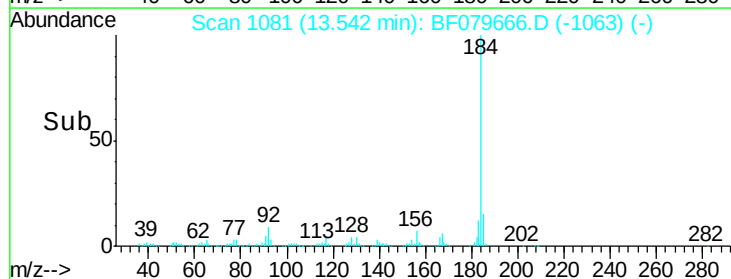
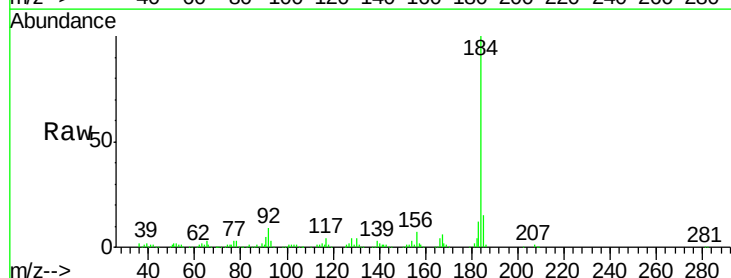
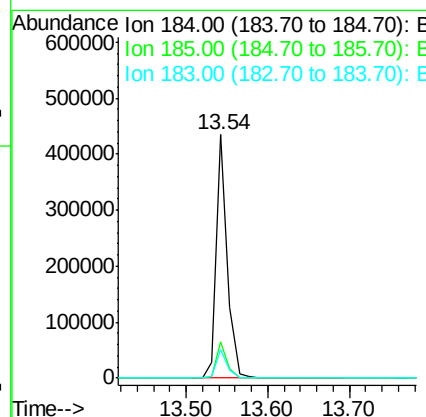
RT: 13.54 min Scan# 1081

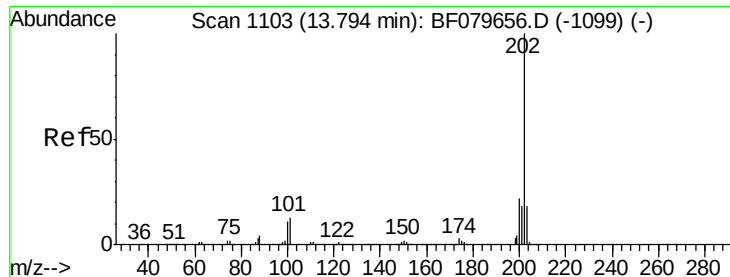
Delta R.T. -0.09 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	184	Resp:	415434
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	11.5	9.2	13.8





#77

Pvrene

Concen: 41.43 ng

RT: 13.69 min Scan# 1094

Delta R.T. -0.10 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

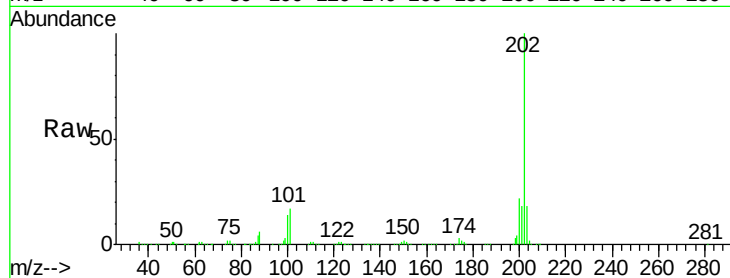
ClientSampleId :

PB83713BS

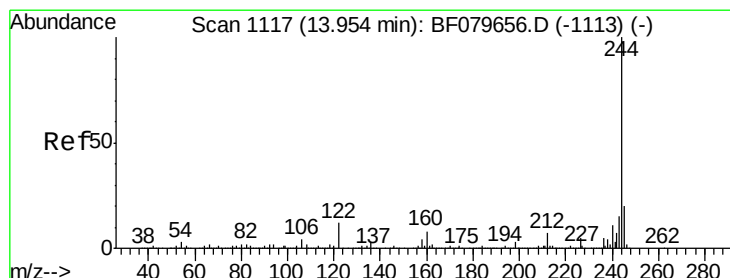
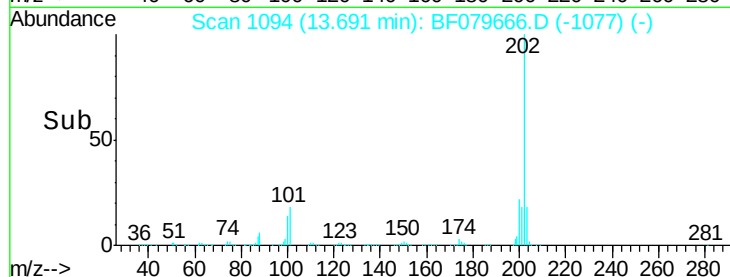
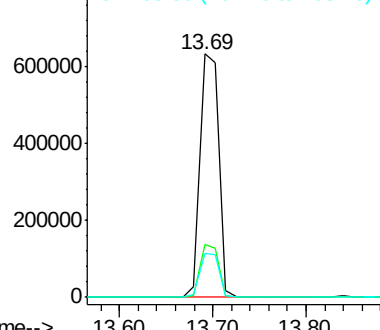
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		885105		
200	21.8	17.4	26.0		
203	18.1	14.5	21.7		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.59 ng

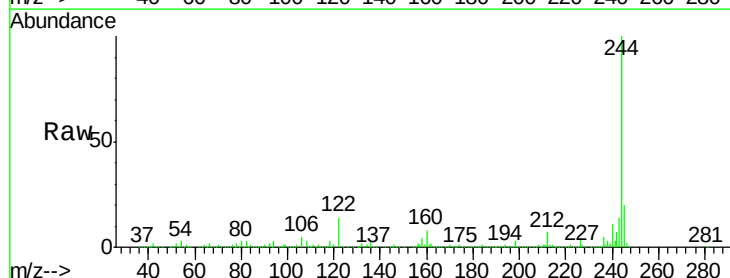
RT: 13.84 min Scan# 1107

Delta R.T. -0.11 min

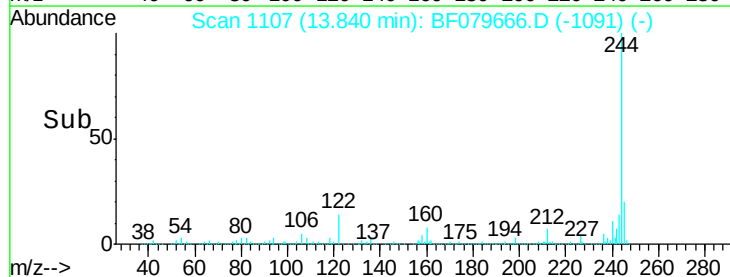
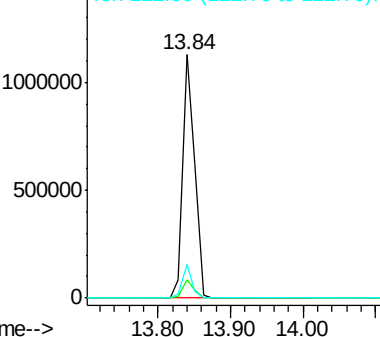
Lab File: BF079666.D

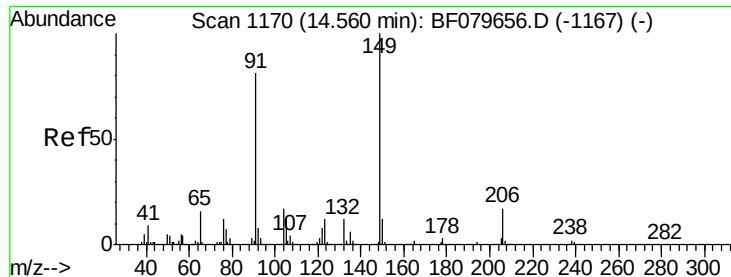
Acq: 3 Jun 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		1279131		
212	7.4	5.9	8.9		
122	14.0	9.8	14.6		



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.16 ng

RT: 14.40 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

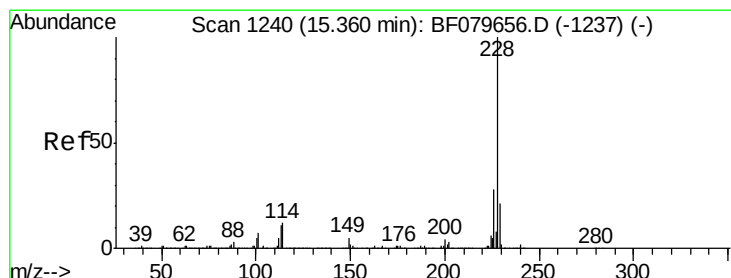
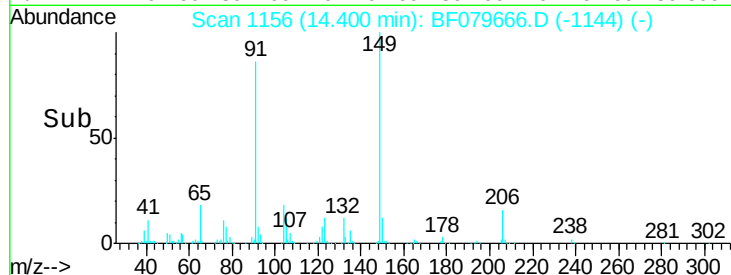
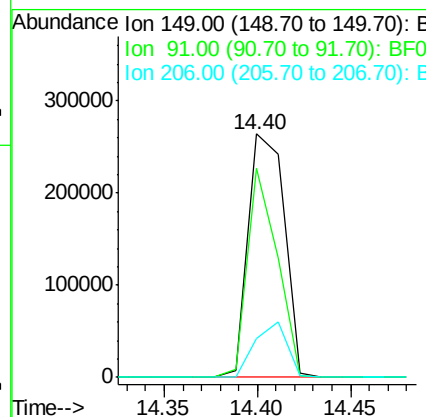
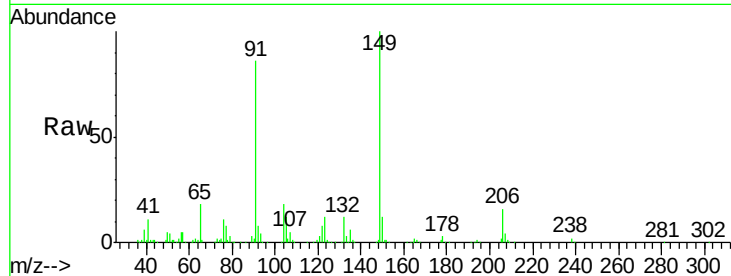
ClientSampleId :

PB83713BS

Tot Ion:	149	Resp:	355631
Ion Ratio	Lower	Upper	
149	100		
91	85.7	64.4	96.6
206	15.9	13.6	20.4

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#80

Benzo(a)anthracene

Concen: 43.87 ng

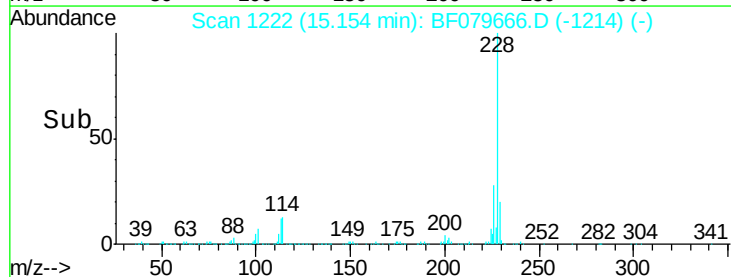
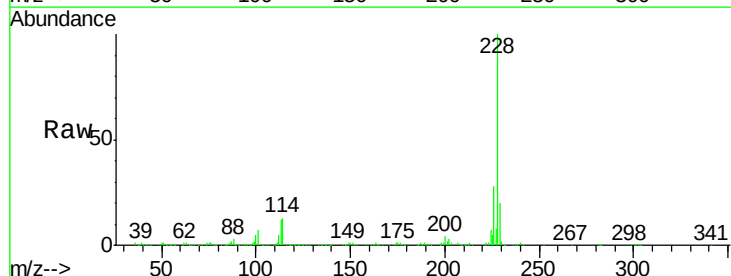
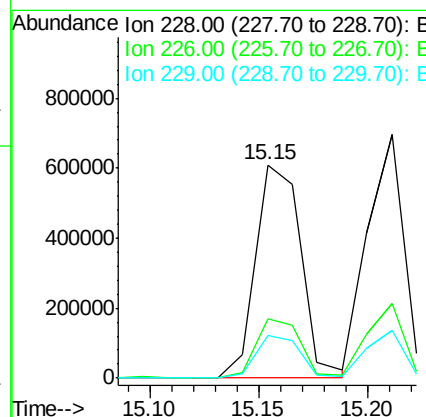
RT: 15.15 min Scan# 1222

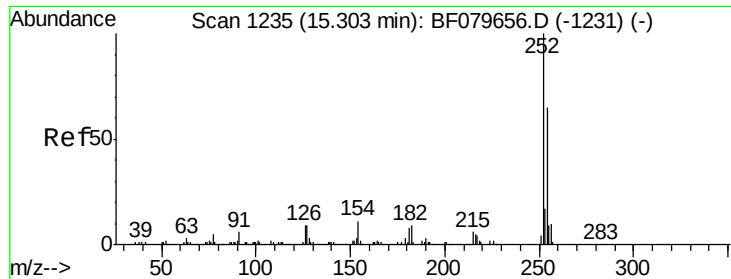
Delta R.T. -0.21 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	228	Resp:	890262
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.5	33.7
229	20.1	16.6	24.8





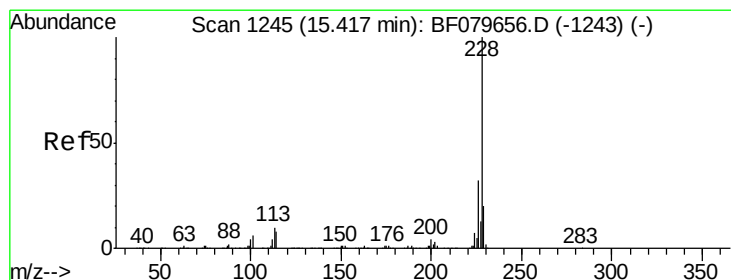
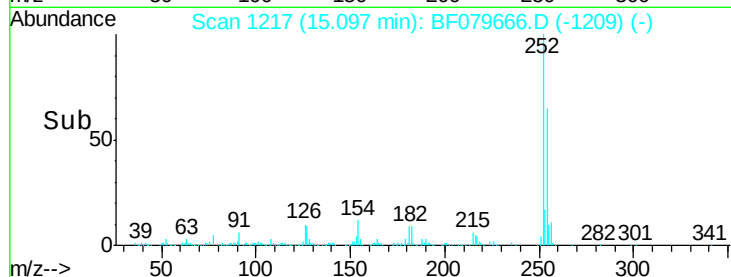
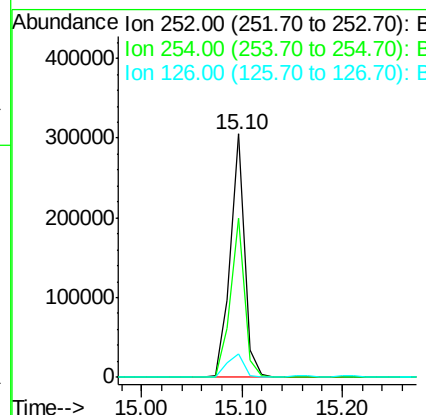
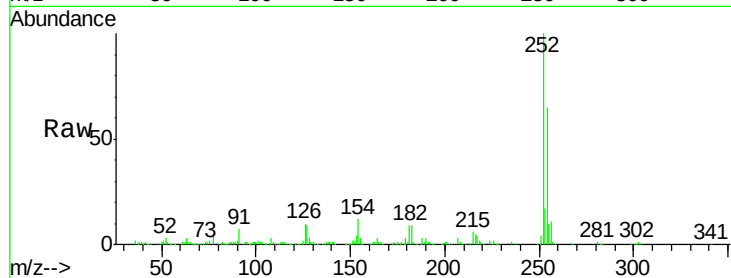
#81
 3,3'-Dichlorobenzidine
 Concen: 50.35 ng
 RT: 15.10 min Scan# 1217
 Delta R.T. -0.21 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	305204		
254	65.4	51.6	77.4	
126	9.8	7.3	10.9	

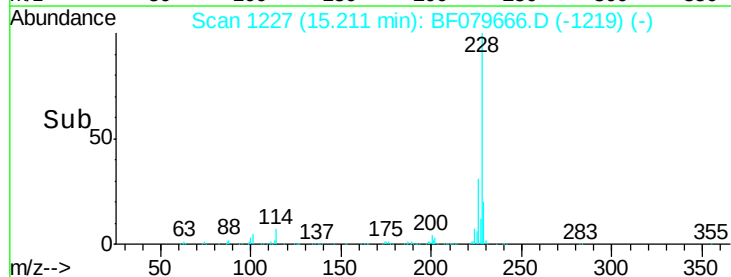
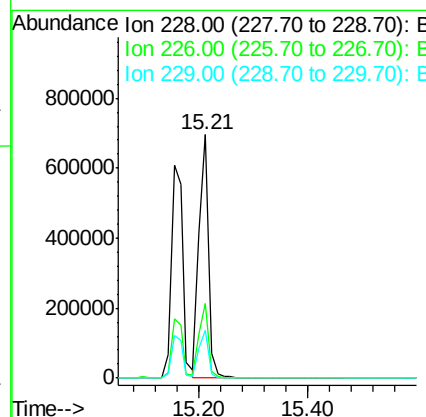
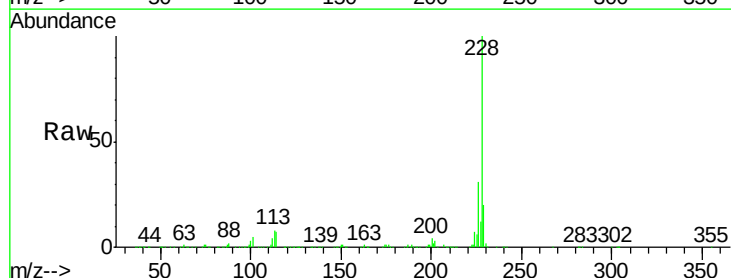
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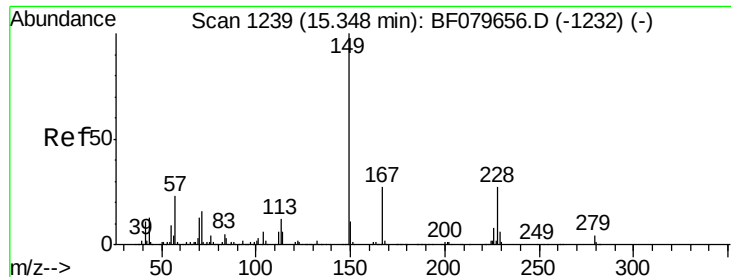
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#82
 Chrysene
 Concen: 40.77 ng
 RT: 15.21 min Scan# 1227
 Delta R.T. -0.21 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	832250		
226	30.6	25.2	37.8	
229	19.8	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.78 ng

RT: 15.12 min Scan# 1219

Delta R.T. -0.23 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Instrument :

BNA_F

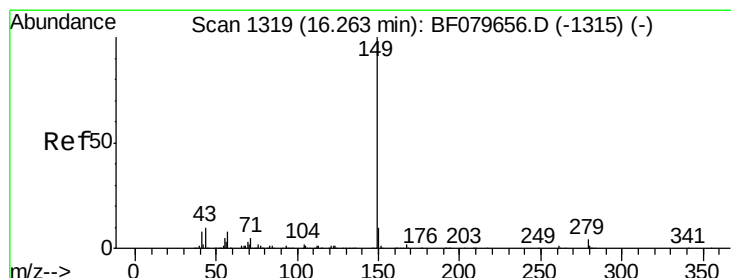
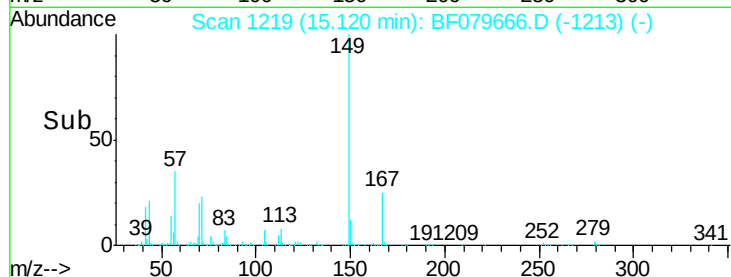
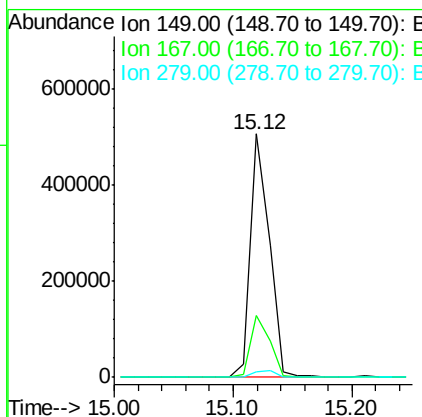
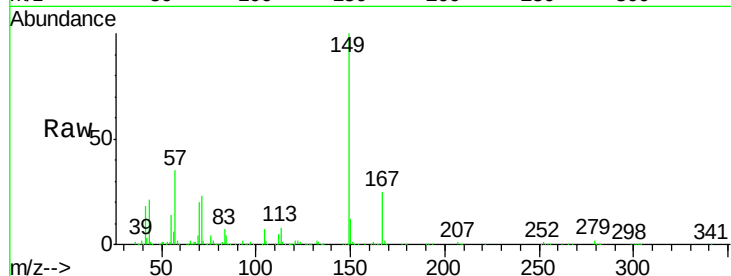
ClientSampleId :

PB83713BS

Tot Ion:	149	Resp:	568513
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.6	32.4
279	2.3	3.1	4.7#

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#84

Di-n-octyl phthalate

Concen: 51.21 ng

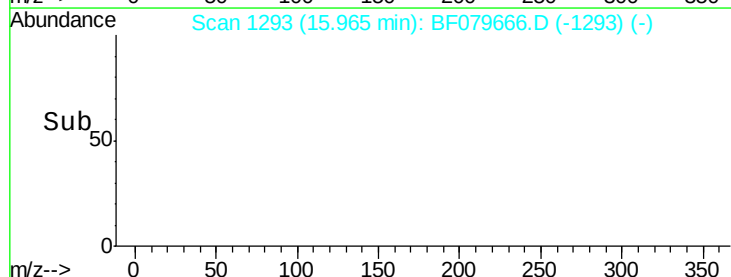
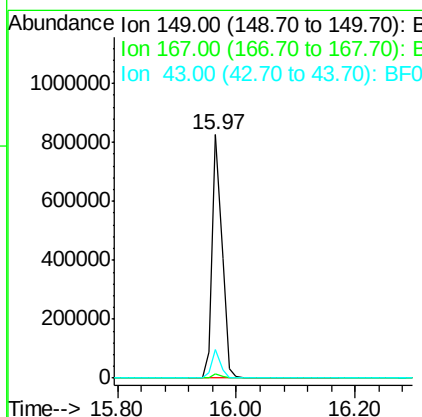
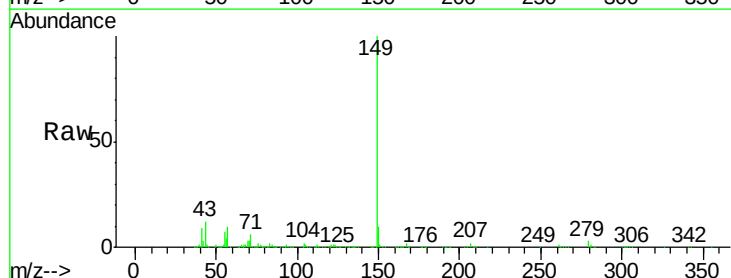
RT: 15.97 min Scan# 1293

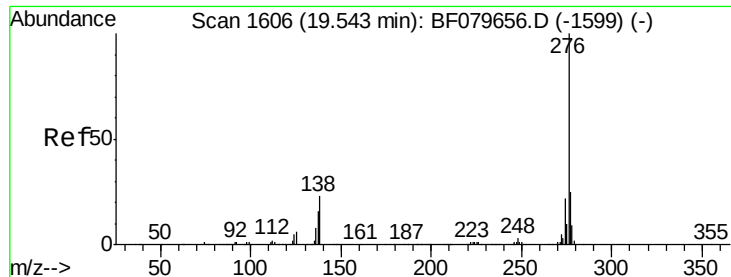
Delta R.T. -0.30 min

Lab File: BF079666.D

Acq: 3 Jun 2015 17:03

Tgt Ion:	149	Resp:	938109
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.2	9.4	14.2





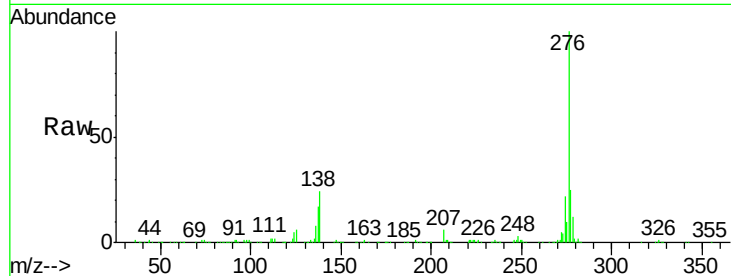
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.59 ng
 RT: 19.21 min Scan# 1577
 Delta R.T. -0.33 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

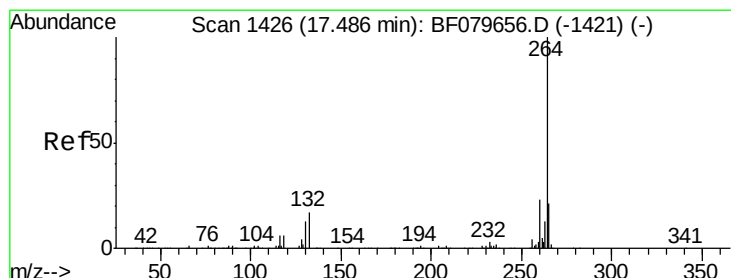
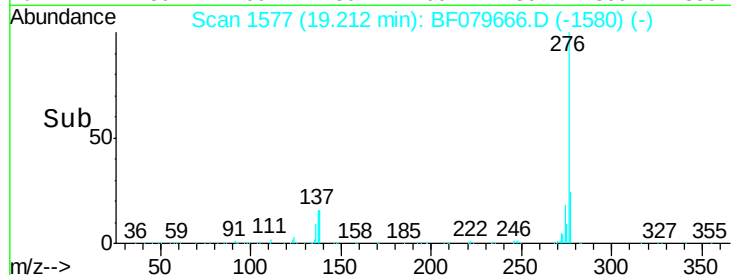
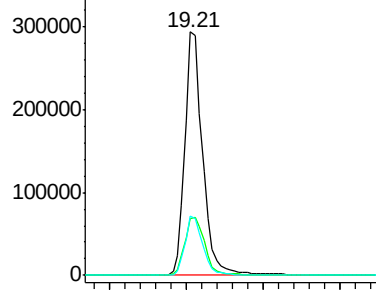
Tot Ion	Ratio	Resp	Lower	Upper
276	100	950217		
138	27.0		21.9	32.9
277	24.5		20.2	30.4

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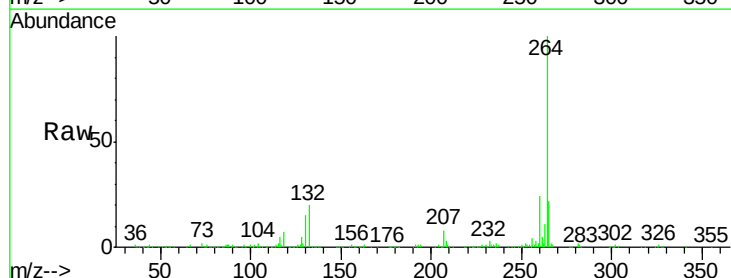


Abundance Ion 276.00 (275.70 to 276.70): E
 400000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

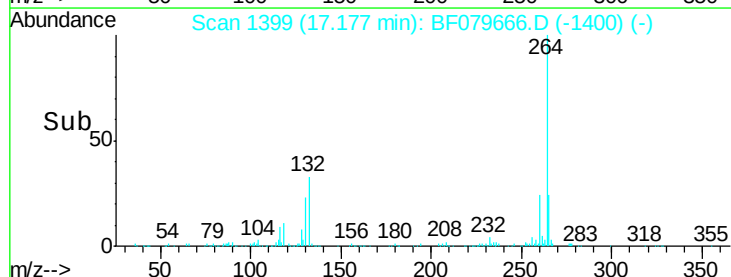
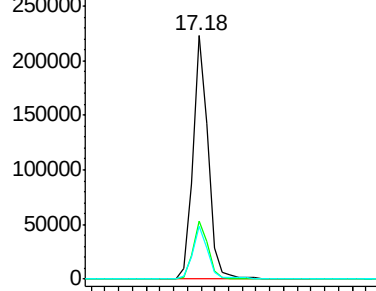


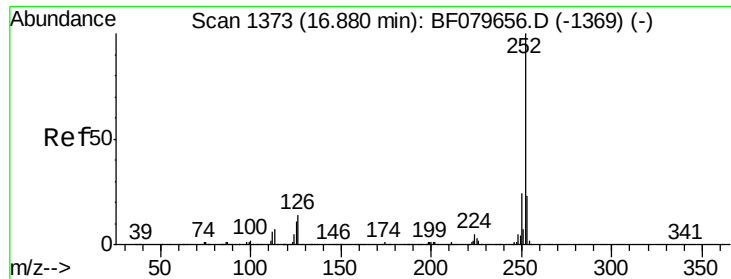
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1399
 Delta R.T. -0.31 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	348772		
260	23.8		18.8	28.2
265	21.7		17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





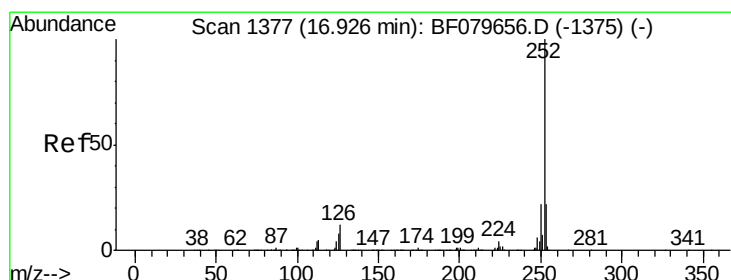
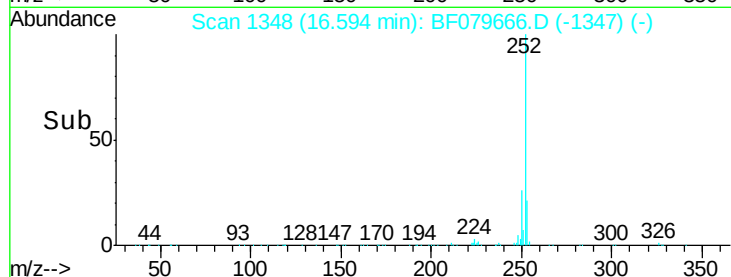
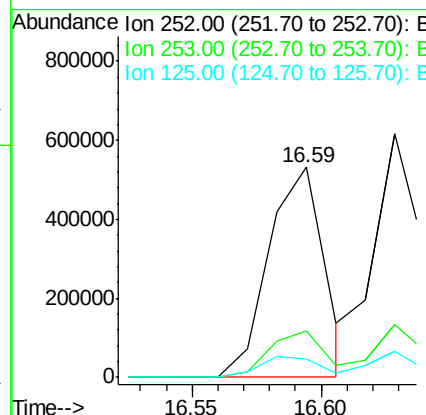
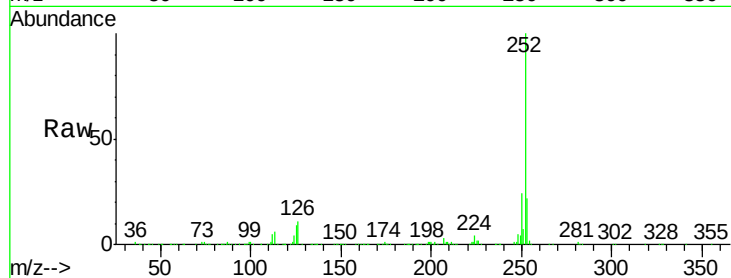
#87
Benzo(b)fluoranthene
Concen: 44.17 ng m
RT: 16.59 min Scan# 1348
Delta R.T. -0.29 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	8.6	8.7	13.1#

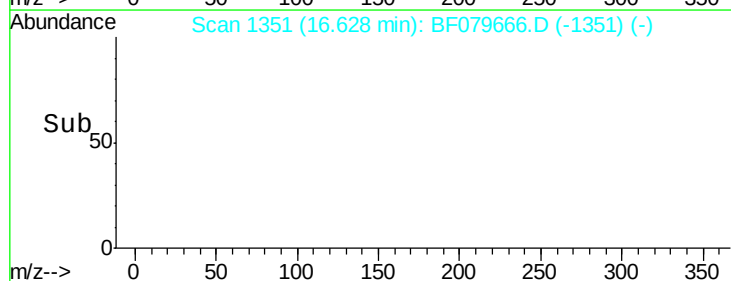
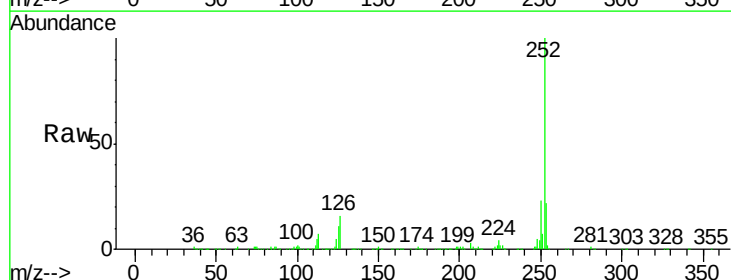
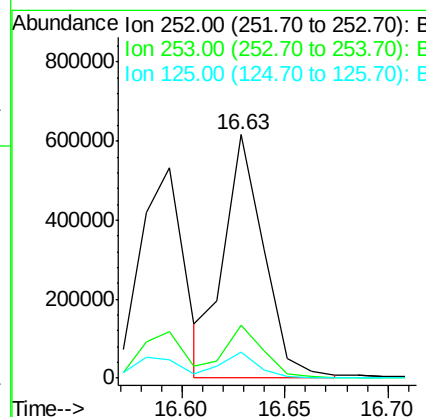
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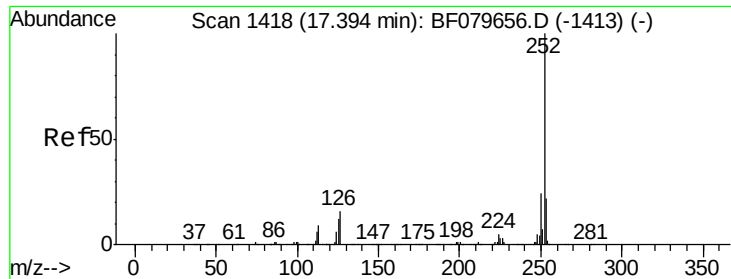
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#88
Benzo(k)fluoranthene
Concen: 39.45 ng m
RT: 16.63 min Scan# 1351
Delta R.T. -0.30 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.9	7.1	10.7#





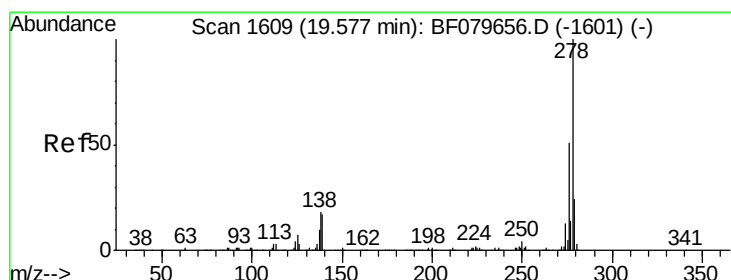
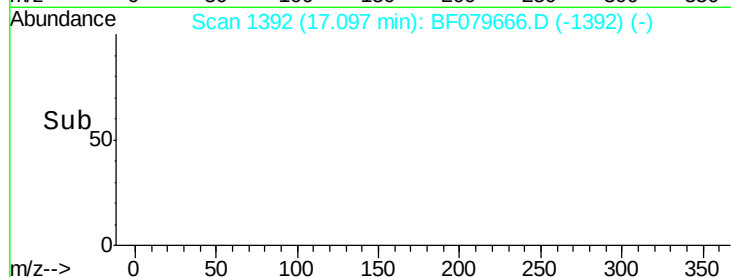
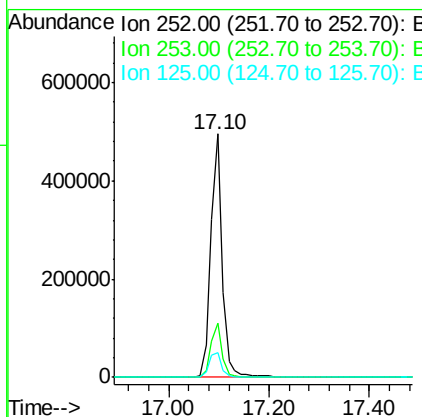
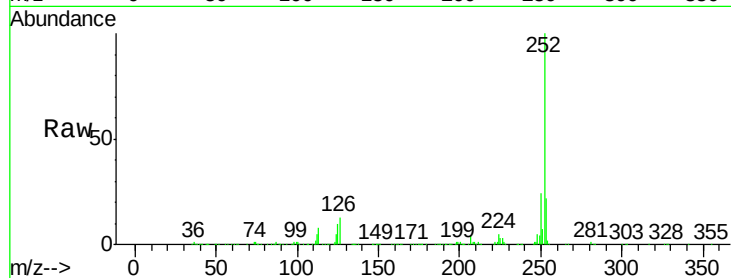
#89
Benzo(a)pyrene
Concen: 44.60 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.30 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB83713BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.1	9.4	14.0

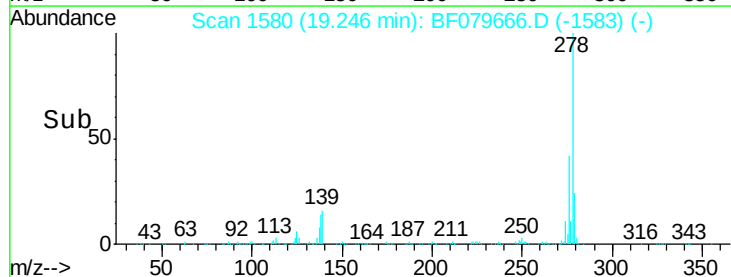
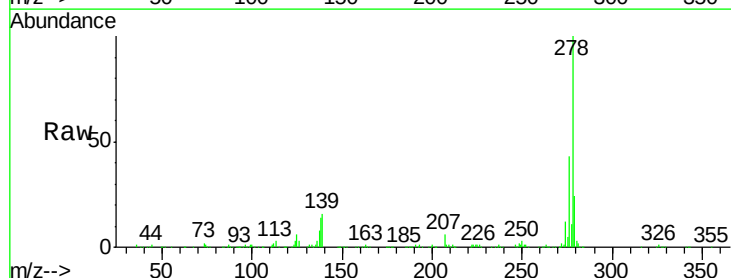
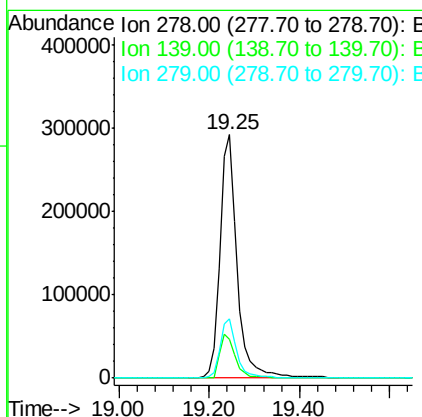
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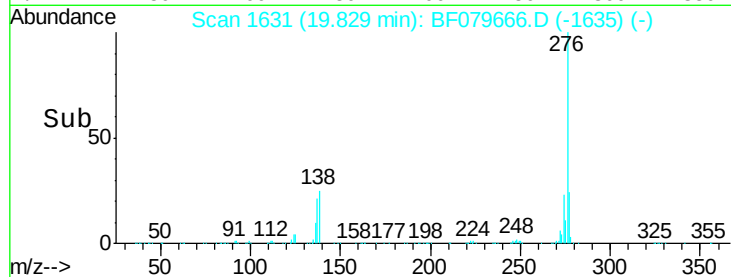
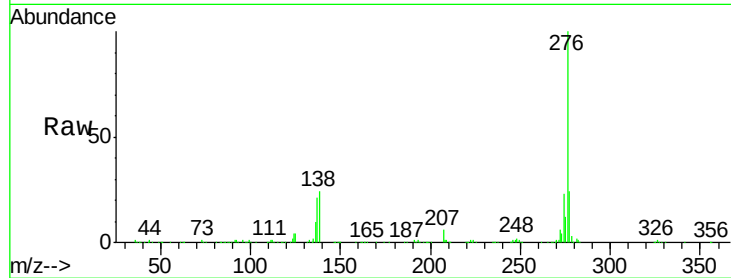
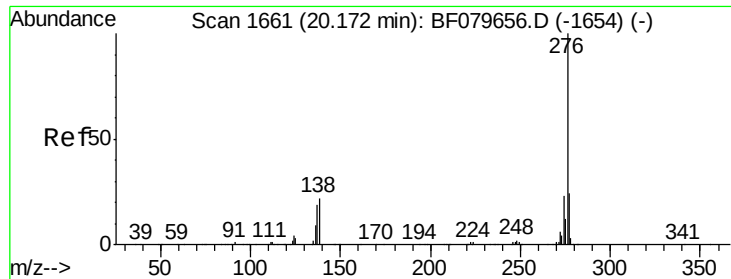
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#90
Dibenzo(a,h)anthracene
Concen: 46.79 ng
RT: 19.25 min Scan# 1580
Delta R.T. -0.33 min
Lab File: BF079666.D
Acq: 3 Jun 2015 17:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.8	13.7	20.5
279	24.2	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.77 ng
 RT: 19.83 min Scan# 1631
 Delta R.T. -0.34 min
 Lab File: BF079666.D
 Acq: 3 Jun 2015 17:03

Tot Ion:	276	Resp:	766676
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.1	28.7
138	24.4	17.4	26.0

Instrument :
 BNA_F
 ClientSampleId :
 PB83713BS

Manual Integrations
 APPROVED

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