

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079564.D
 Acq On : 29 May 2015 17:02
 Operator : TP/IZ
 Sample : PB83635BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Manual Integrations
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apatel
 6/1/2015 4:20:52 PM

Quant Time: May 29 23:53:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	89939	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	366998	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	179395	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	328425	20.00	ng	0.00
75) Chrysene-d12	15.81	240	303574	20.00	ng	-0.07
86) Perylene-d12	17.52	264	308588m	20.00	ng	-0.29

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	590790	113.93	ng	0.00
7) Phenol-d6	6.55	99	710964	107.57	ng	0.00
23) Nitrobenzene-d5	7.66	82	426162	67.12	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	228282	115.85	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	876225	69.68	ng	-0.01
78) Terphenyl-d14	14.51	244	909469	70.31	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.79	88	70092	28.41	ng	# 100
3) Pyridine	2.42	79	177241	32.63	ng	98
4) n-Nitrosodimethylamine	2.35	42	86386	32.30	ng	99
6) Aniline	6.55	93	216544	23.08	ng	# 87
8) 2-Chlorophenol	6.68	128	216626	35.89	ng	96
9) Benzaldehyde	6.40	77	22709	4.10	ng	95
10) Phenol	6.57	94	267068	34.32	ng	92
11) bis(2-Chloroethyl)ether	6.65	93	207355	36.84	ng	93
12) 1,3-Dichlorobenzene	6.87	146	223764	33.46	ng	98
13) 1,4-Dichlorobenzene	6.97	146	233029	34.16	ng	99
14) 1,2-Dichlorobenzene	7.15	146	220989	34.88	ng	99
15) Benzyl Alcohol	7.15	79	178148	36.68	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.32	45	282713	34.31	ng	96
17) 2-Methylphenol	7.31	107	171790	36.22	ng	99
18) Hexachloroethane	7.56	117	78489	33.43	ng	97
19) n-Nitroso-di-n-propylamine	7.48	70	157798	33.93	ng	# 91
20) 3+4-Methylphenols	7.51	107	231717	35.56	ng	94
22) Acetophenone	7.47	105	305151	37.11	ng	# 93
24) Nitrobenzene	7.68	77	219421	35.07	ng	# 84
25) Isophorone	7.98	82	396161	34.23	ng	94
26) 2-Nitrophenol	8.07	139	106767	36.04	ng	# 86
27) 2,4-Dimethylphenol	8.15	122	193967	36.42	ng	95
28) bis(2-Chloroethoxy)methane	8.26	93	255170	35.58	ng	97
29) 2,4-Dichlorophenol	8.38	162	188715	38.69	ng	97
30) 1,2,4-Trichlorobenzene	8.47	180	185031	36.57	ng	94
31) Naphthalene	8.56	128	617482	35.06	ng	99
32) Benzoic acid	8.30	122	123183	37.27	ng	94
33) 4-Chloroaniline	8.65	127	165060	22.43	ng	# 93
34) Hexachlorobutadiene	8.71	225	99095	34.43	ng	99
35) Caprolactam	9.08	113	55337	35.97	ng	98
36) 4-Chloro-3-methylphenol	9.27	107	195886	38.72	ng	# 87
37) 2-Methylnaphthalene	9.42	142	438144	35.83	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	176556	35.19	ng	# 100
40) Hexachlorocyclopentadiene	9.61	237	100361	69.43	ng	97

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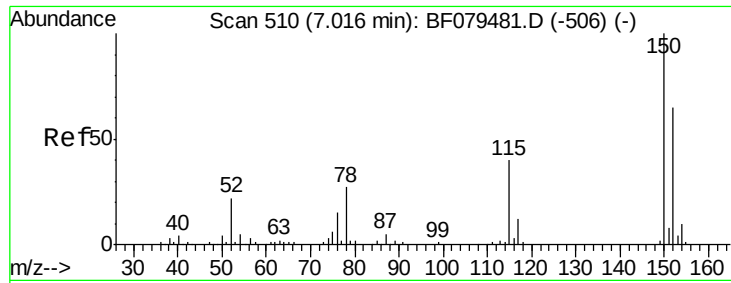
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	122437	34.94	nq	98
43) 2,4,5-Trichlorophenol	9.83	196	133626	38.31	nq	# 89
45) 1,1'-Biphenyl	10.00	154	518817	37.03	nq	99
46) 2-Chloronaphthalene	10.01	162	384818	34.78	nq	98
47) 2-Nitroaniline	10.16	65	116410	35.38	nq	# 60
48) Acenaphthylene	10.52	152	644627	35.09	nq	99
49) Dimethylphthalate	10.40	163	461960	34.95	nq	99
50) 2,6-Dinitrotoluene	10.47	165	98261	37.21	nq	# 72
51) Acenaphthene	10.73	154	362986	34.56	nq	99
52) 3-Nitroaniline	10.67	138	87112	25.36	nq	# 74
53) 2,4-Dinitrophenol	10.81	184	74367	70.90	nq	# 82
54) Dibenzofuran	10.95	168	558907	36.08	nq	99
55) 4-Nitrophenol	10.91	139	142037	74.57	nq	98
56) 2,4-Dinitrotoluene	10.97	165	129274	36.50	nq	# 73
57) Fluorene	11.37	166	449179	35.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.12	232	98706	38.89	nq	# 100
59) Diethylphthalate	11.27	149	449665	34.75	nq	96
60) 4-Chlorophenyl-phenylether	11.38	204	199271	36.12	nq	98
61) 4-Nitroaniline	11.43	138	108299	33.84	nq	81
62) Azobenzene	11.58	77	427358	33.96	nq	99
64) 4,6-Dinitro-2-methylphenol	11.47	198	56965	36.31	nq	# 72
65) n-Nitrosodiphenylamine	11.54	169	388969	35.66	nq	100
66) 4-Bromophenyl-phenylether	11.99	248	129822	38.39	nq	98
67) Hexachlorobenzene	12.05	284	143502	37.21	nq	98
68) Atrazine	12.22	200	117042	39.72	nq	98
69) Pentachlorophenol	12.31	266	117096	79.27	nq	96
70) Phenanthrene	12.56	178	650819	36.12	nq	100
71) Anthracene	12.62	178	636686	34.81	nq	99
72) Carbazole	12.83	167	623551	35.41	nq	98
73) Di-n-butylphthalate	13.29	149	718122	36.07	nq	100
74) Fluoranthene	14.02	202	653230	33.81	nq	96
76) Benzidine	14.22	184	321050	49.38	nq	98
77) Pyrene	14.30	202	677839	36.04	nq	98
79) Butylbenzylphthalate	15.14	149	297409	35.16	nq	91
80) Benzo(a)anthracene	15.79	228	600843	34.41	nq	98
81) 3,3'-Dichlorobenzidine	15.77	252	166115	25.98	nq	# 98
82) Chrysene	15.83	228	572675	34.50	nq	99
83) Bis(2-ethylhexyl)phthalate	15.86	149	424130	35.00	nq	99
84) Di-n-octyl phthalate	16.65	149	721998	34.23	nq	99
85) Indeno(1,2,3-cd)pyrene	18.81	276	731730m	34.27	nq	
87) Benzo(b)fluoranthene	17.07	252	651539m	37.02	nq	
88) Benzo(k)fluoranthene	17.11	252	567150m	36.04	nq	
89) Benzo(a)pyrene	17.46	252	592893m	38.12	nq	
90) Dibenzo(a,h)anthracene	18.83	278	600349m	36.91	nq	
91) Benzo(g,h,i)perylene	19.19	276	621311m	38.62	nq	

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



#1

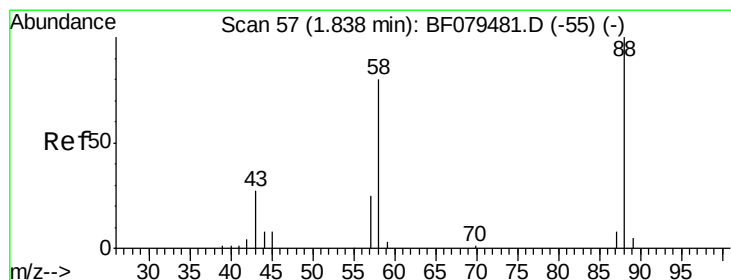
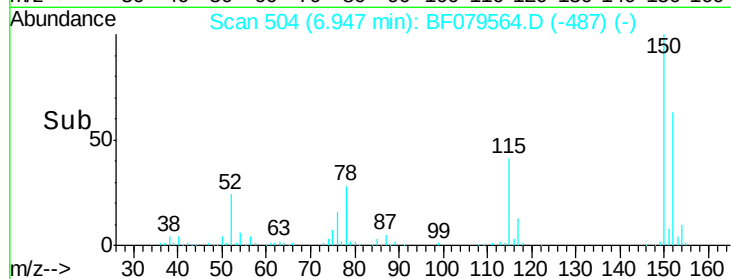
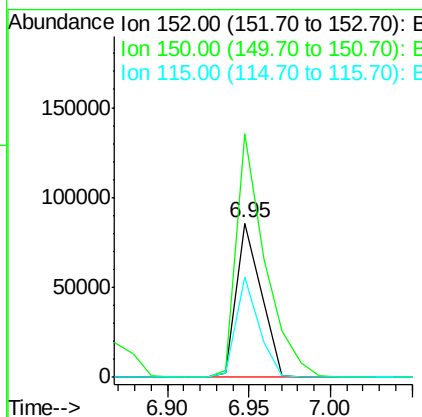
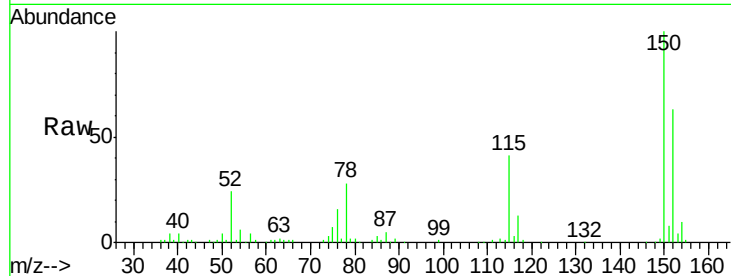
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.0	186.0
115	64.6	49.6	74.4

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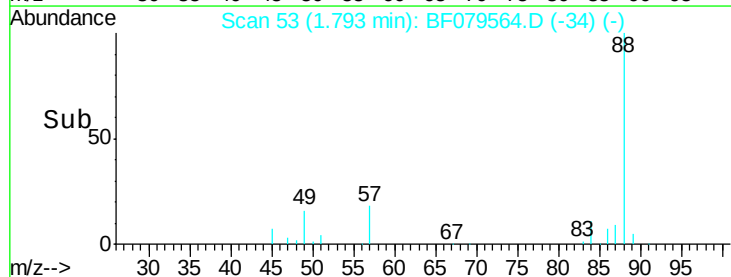
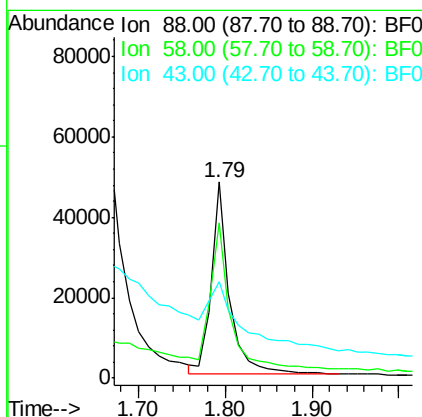
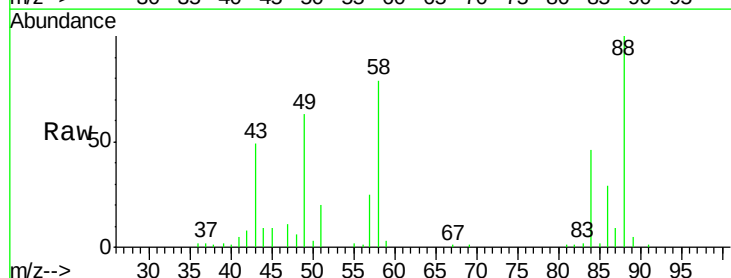
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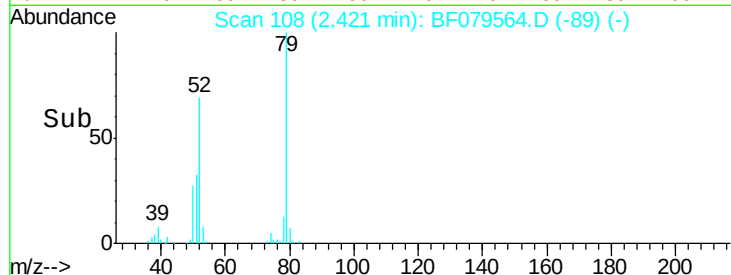
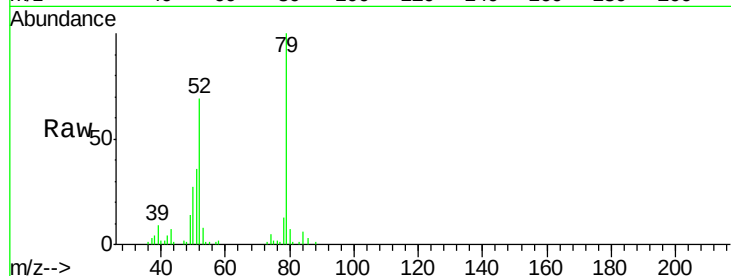
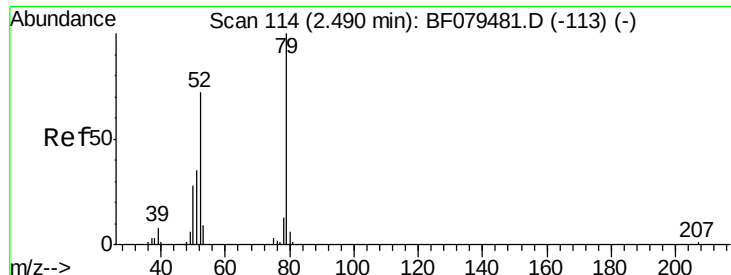


#2

1,4-Dioxane
Concen: 28.41 ng
RT: 1.79 min Scan# 53
Delta R.T. 0.02 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	0.0	0.0#
43	64.9	0.0	0.0#





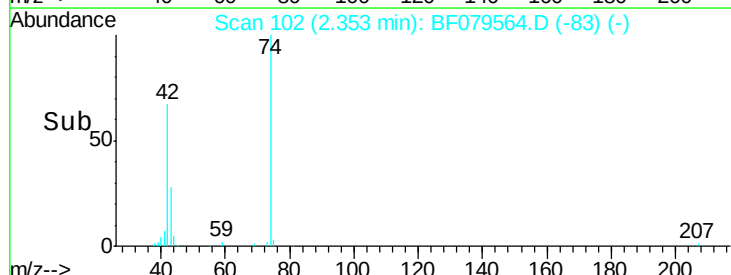
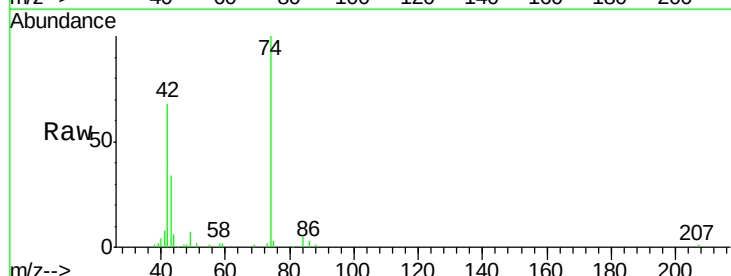
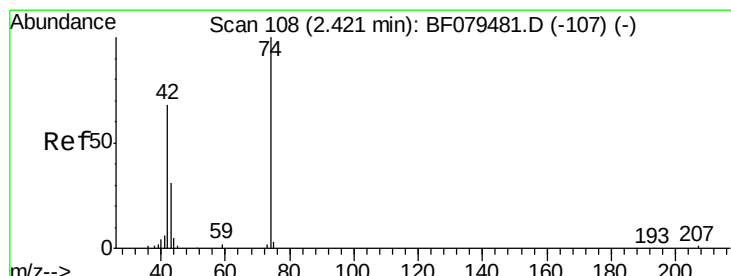
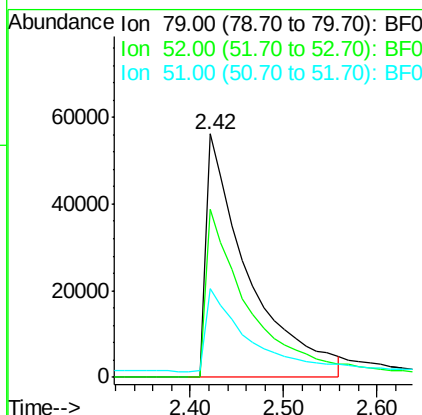
#3
 Pvridine
 Concen: 32.63 ng
 RT: 2.42 min Scan# 108
 Delta R.T. 0.02 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tot Ion	Ratio	Resp	Lower	Upper
79	100	177241		
52	69.1		57.4	86.2
51	36.5		29.4	44.0

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

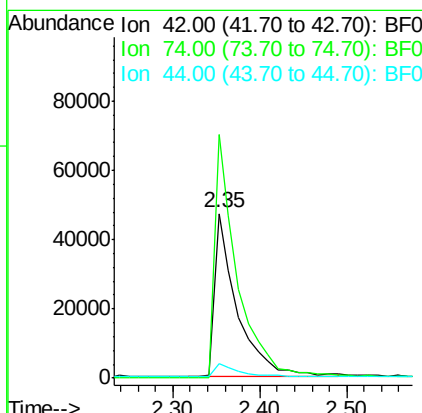
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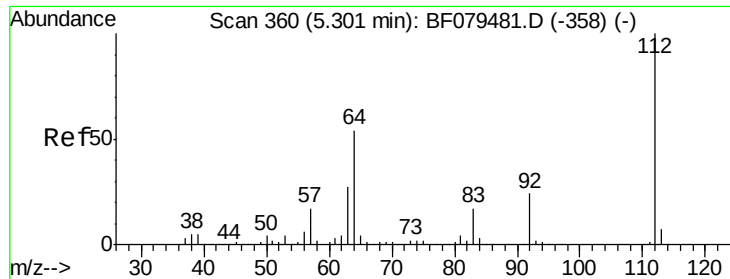
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#4
 n-Nitrosodimethylamine
 Concen: 32.30 ng
 RT: 2.35 min Scan# 102
 Delta R.T. 0.02 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	86386		
74	147.9		117.6	176.4
44	8.6		6.9	10.3





#5

2-Fluorophenol

Concen: 113.93 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

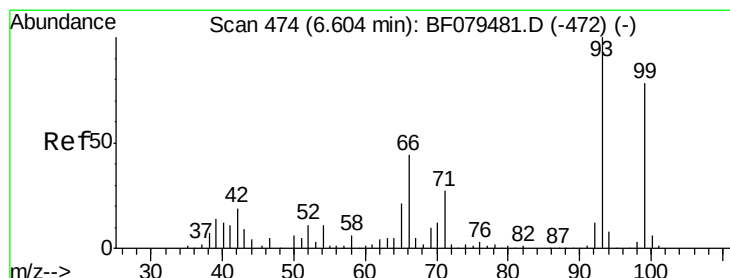
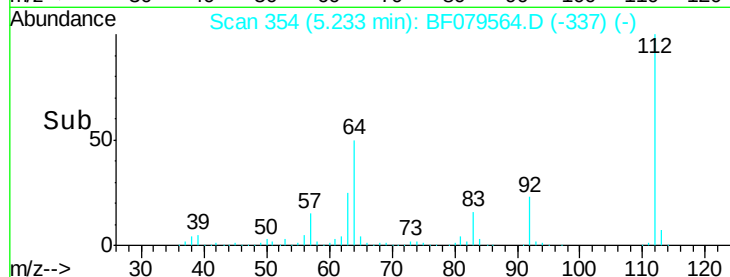
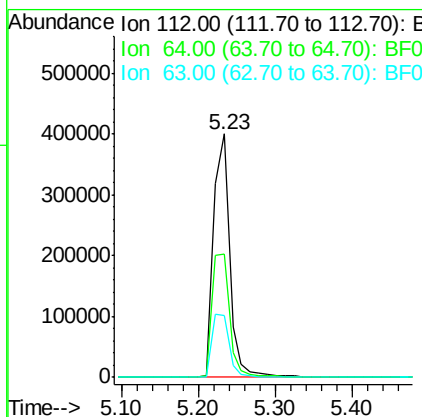
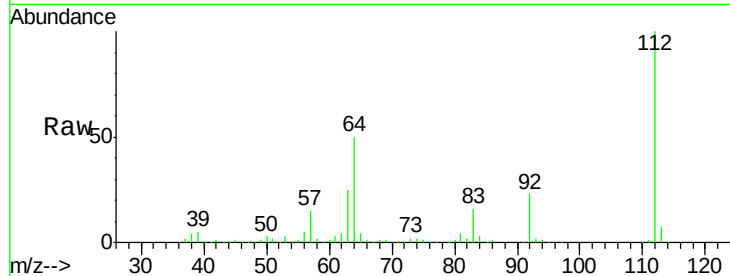
ClientSampleId :

PB83635BS

Tot Ion:	112	Resp:	590790
Ion Ratio	Lower	Upper	
112	100		
64	50.5	43.5	65.3
63	25.3	21.8	32.8

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#6

Aniline

Concen: 23.08 ng

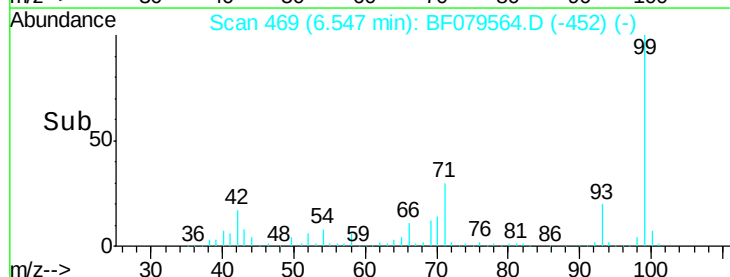
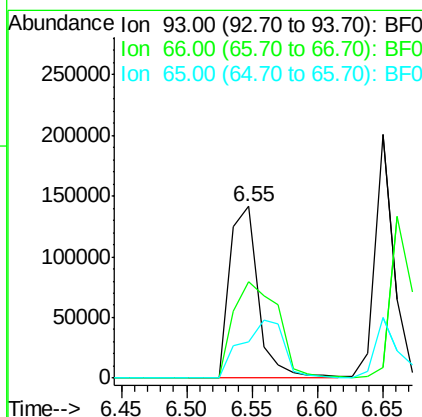
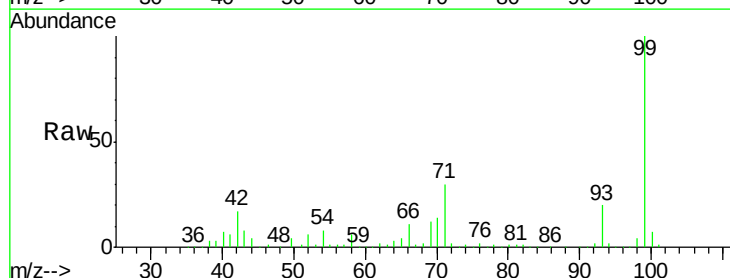
RT: 6.55 min Scan# 469

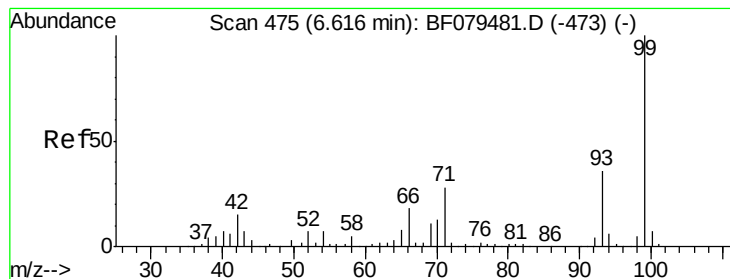
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	93	Resp:	216544
Ion Ratio	Lower	Upper	
93	100		
66	55.8	34.8	52.2#
65	21.3	16.7	25.1





#7

Phenol-d6

Concen: 107.57 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

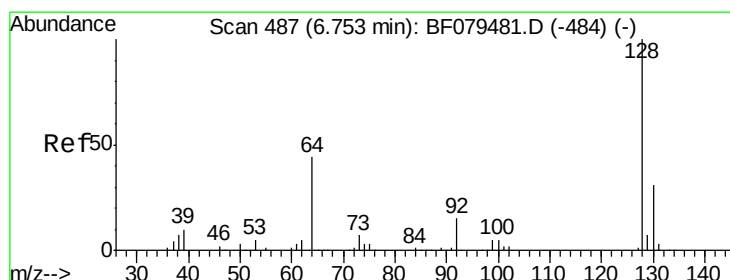
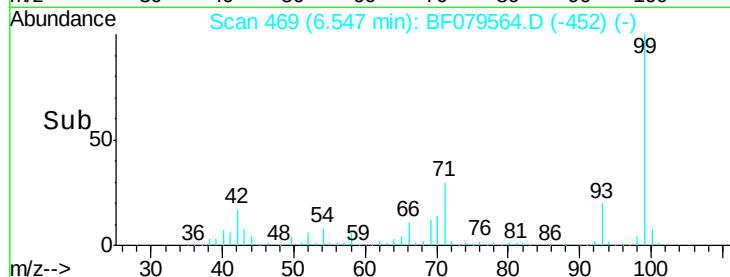
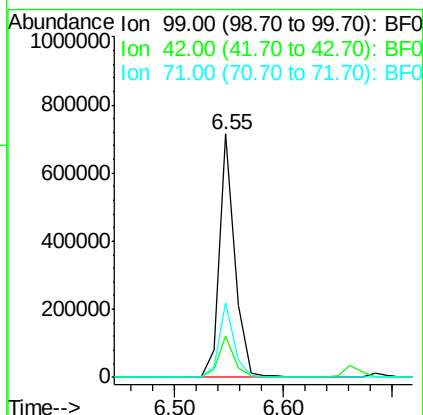
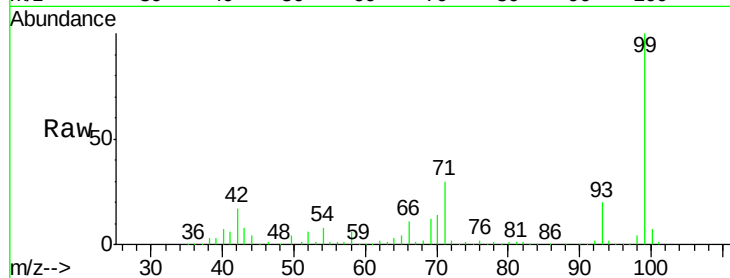
ClientSampleId :

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Tot Ion:	99	Resp:	710964
Ion Ratio	Lower	Upper	
99	100		
42	17.1	11.9	17.9
71	30.4	22.1	33.1

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#8

2-Chlorophenol

Concen: 35.89 ng

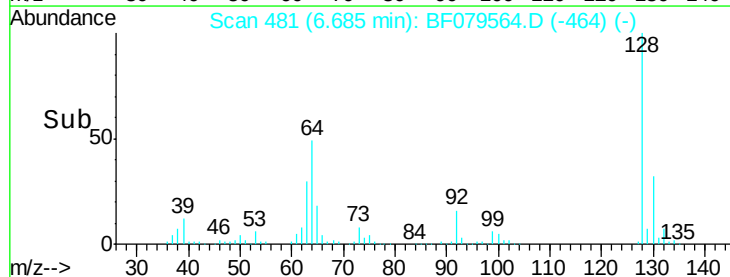
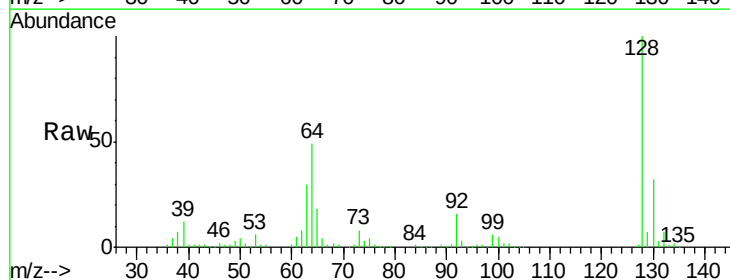
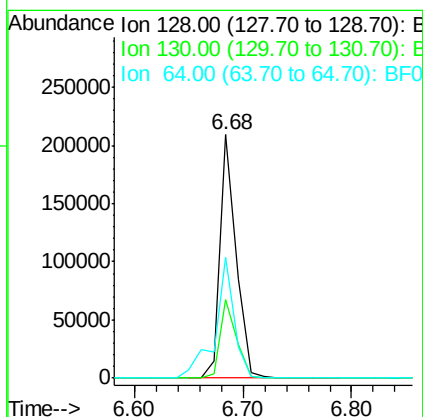
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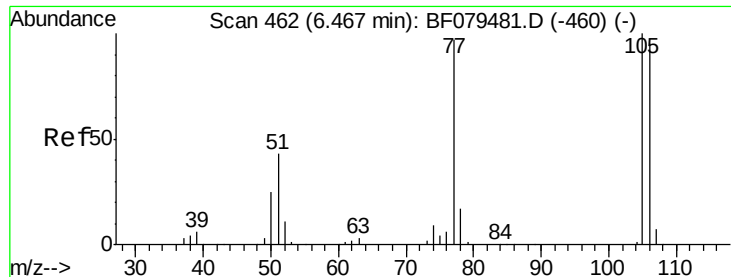
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	128	Resp:	216626
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.4	51.4
64	49.5	25.9	65.9





#9

Benzaldehyde

Concen: 4.10 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

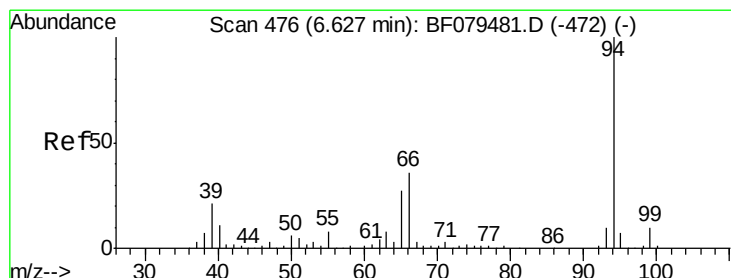
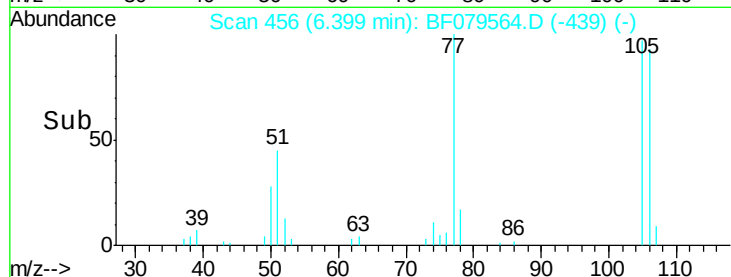
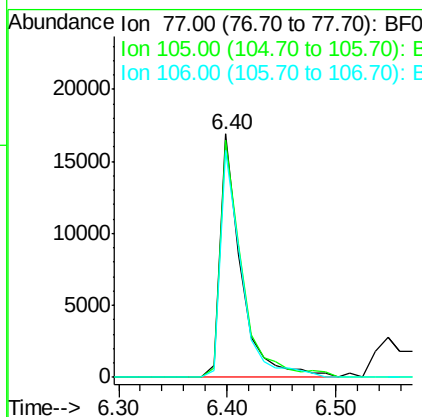
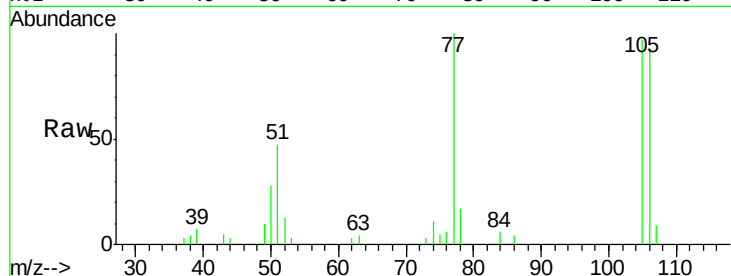
ClientSampleID :

PB83635BS

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Tot Ion:	77	Resp:	22709
Ion	Ratio	Lower	Upper
77	100		
105	97.4	83.3	123.3
106	93.2	78.4	118.4



#10

Phenol

Concen: 34.32 ng

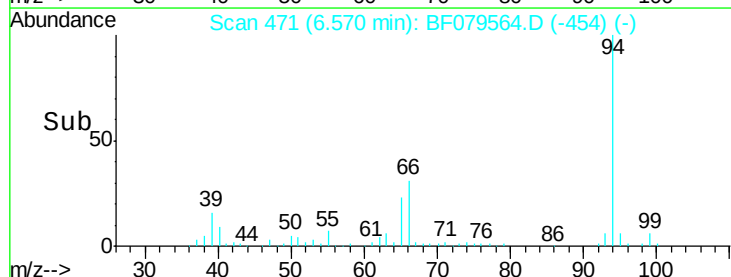
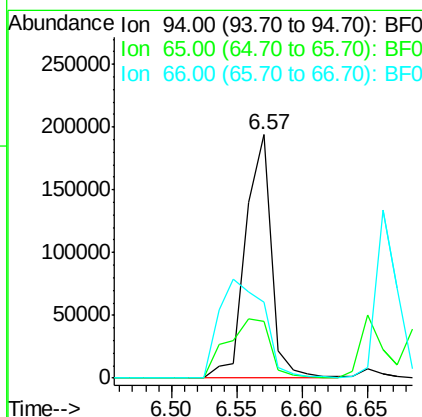
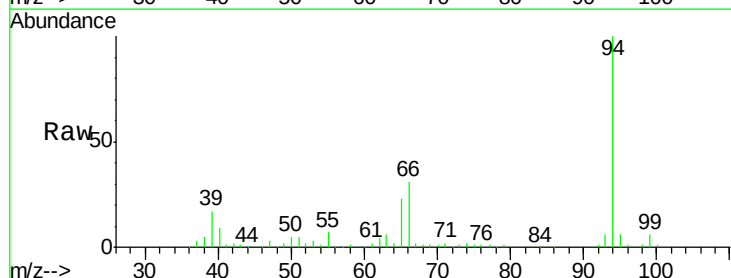
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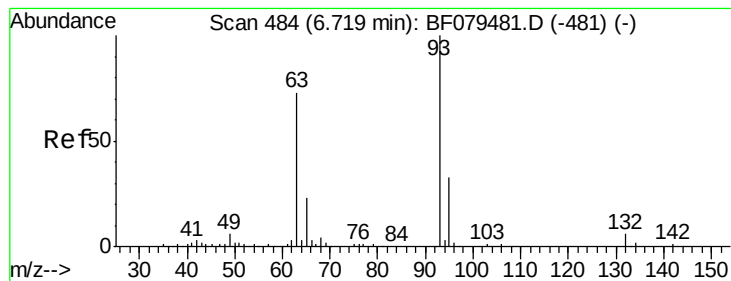
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	94	Resp:	267068
Ion	Ratio	Lower	Upper
94	100		
65	23.1	7.2	47.2
66	31.2	16.2	56.2





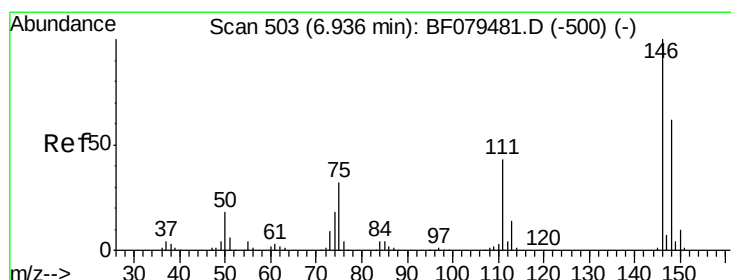
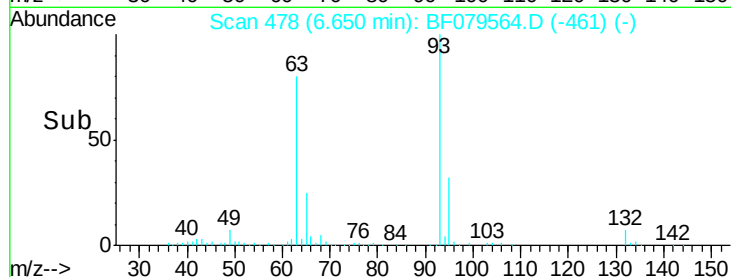
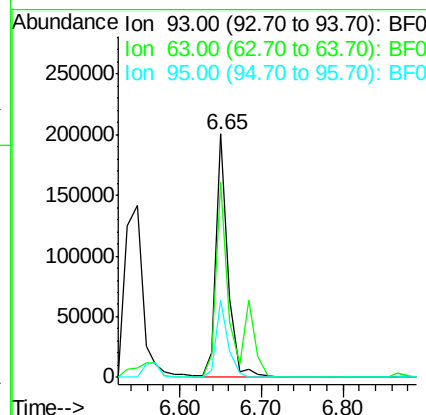
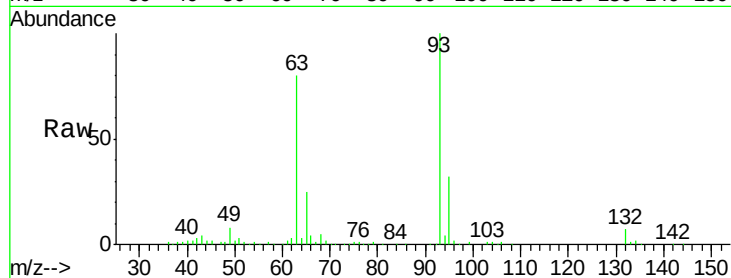
#11
bis(2-Chloroethyl)ether
Concen: 36.84 ng
RT: 6.65 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	207355		
63	79.9	51.8	91.8	
95	31.7	13.0	53.0	

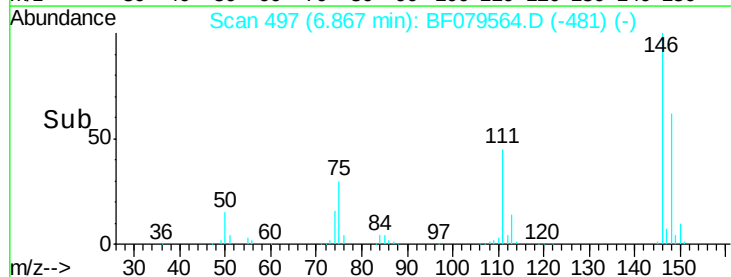
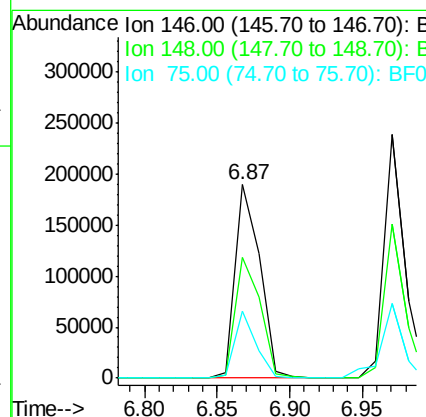
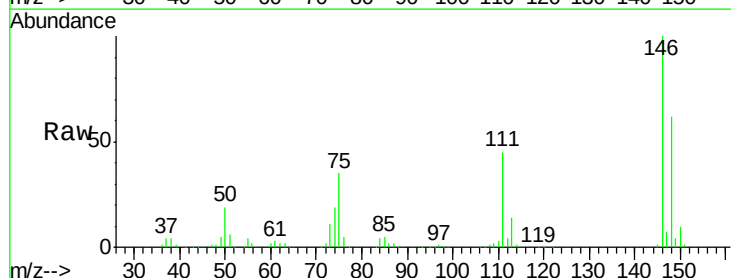
Manual Integrations
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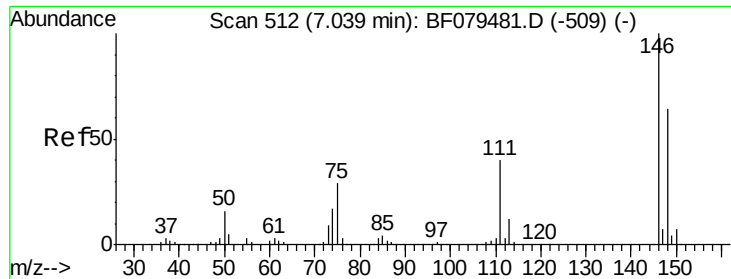
apatel
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#12
1,3-Dichlorobenzene
Concen: 33.46 ng
RT: 6.87 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	223764		
148	62.3	49.6	74.4	
75	34.5	25.9	38.9	





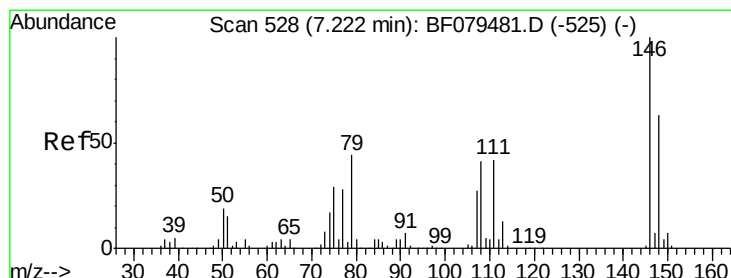
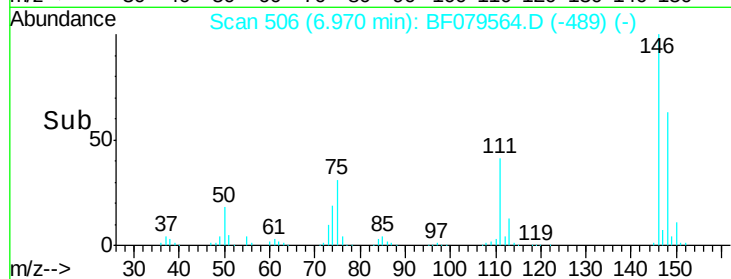
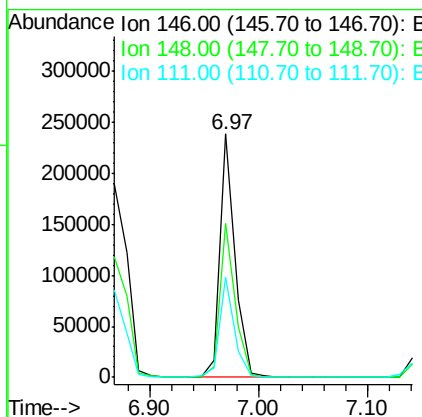
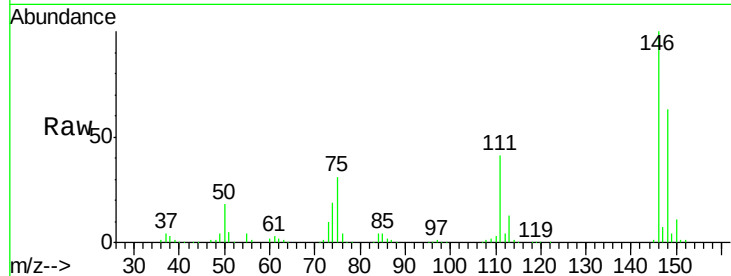
#13
 1,4-Dichlorobenzene
 Concen: 34.16 ng
 RT: 6.97 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.3	76.9
111	41.0	31.8	47.8

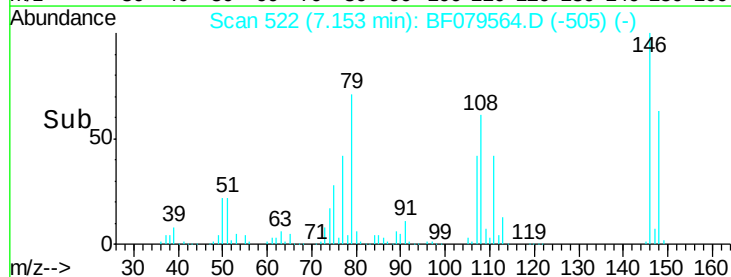
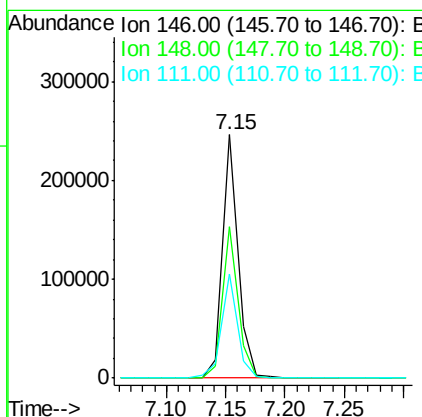
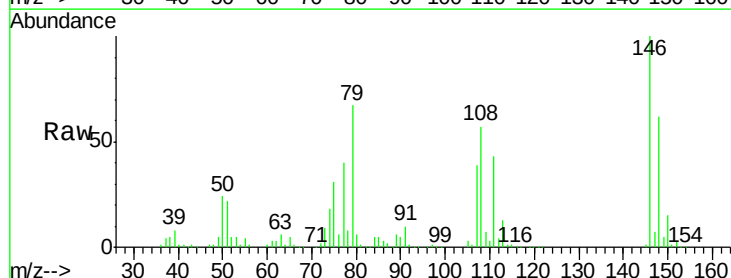
Manual Integrations
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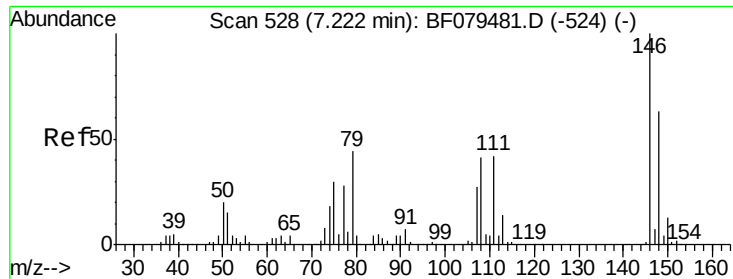
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 34.88 ng
 RT: 7.15 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	76.0
111	42.6	33.2	49.8





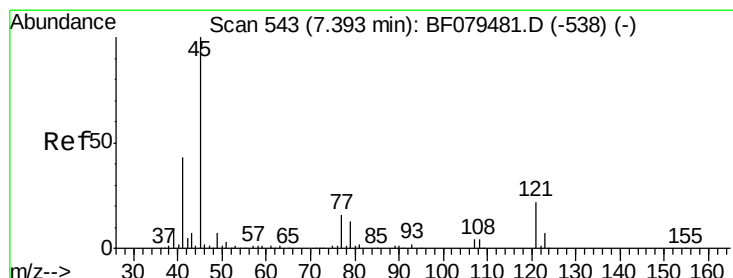
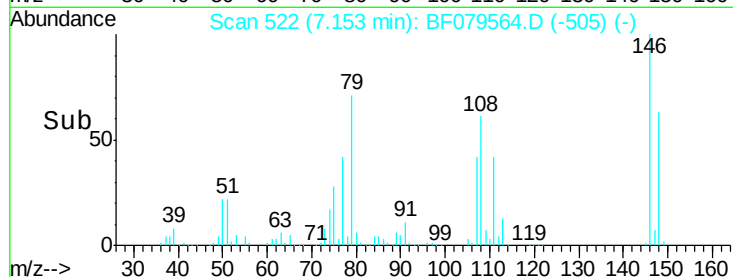
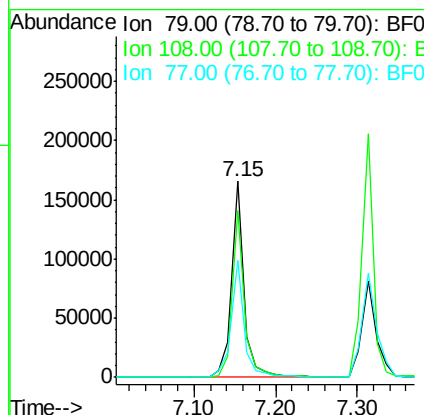
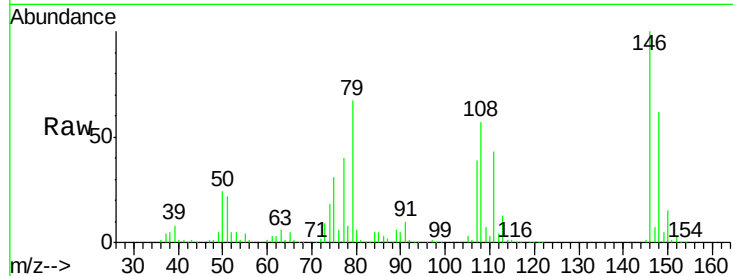
#15
Benzyl Alcohol
Concen: 36.68 ng
RT: 7.15 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampled :
PB83635BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.0	73.7	110.5
77	59.7	51.1	76.7

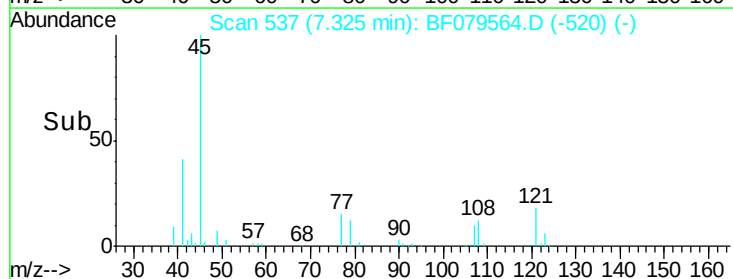
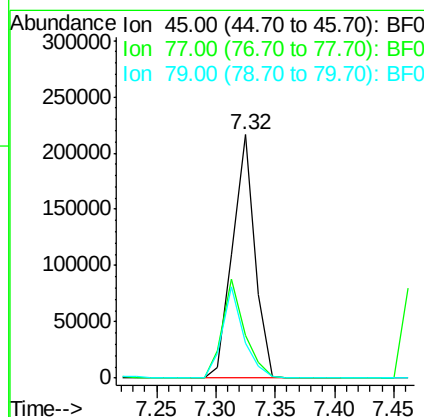
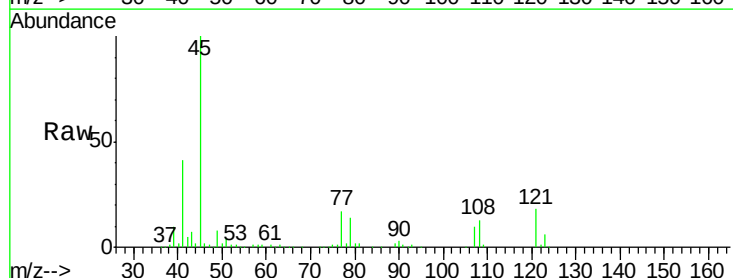
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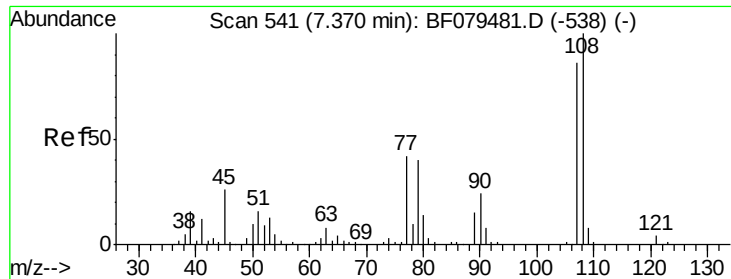
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.31 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	35.5
79	14.4	0.0	32.8





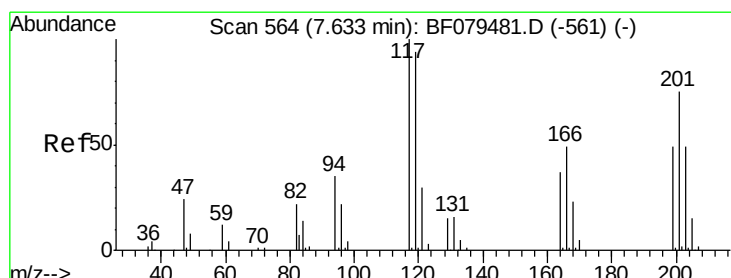
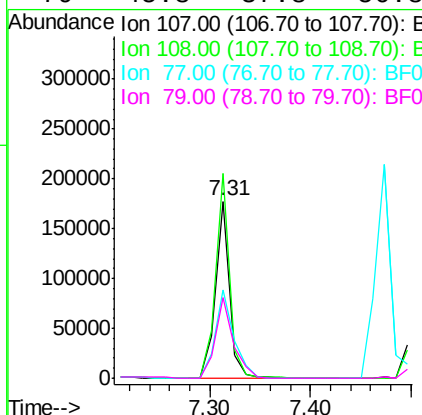
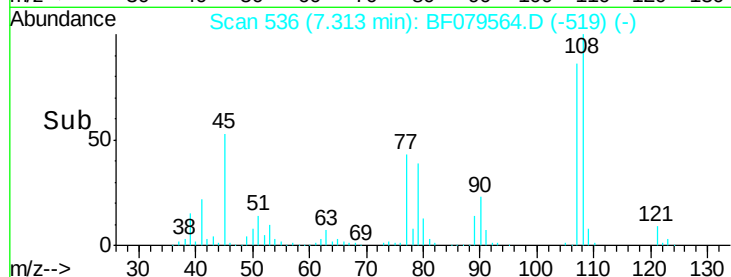
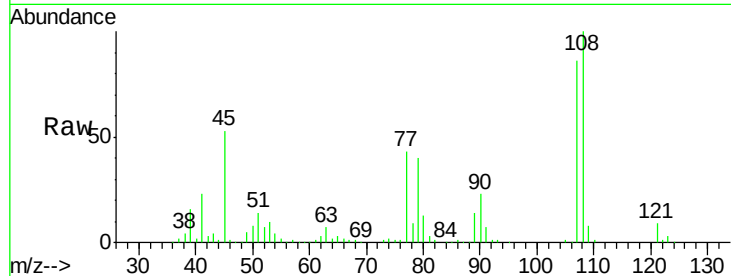
#17
2-Methylphenol
Concen: 36.22 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	107	Resp	171790
Ion Ratio	Lower	Upper	
107	100		
108	115.8	93.1	139.7
77	49.6	39.2	58.8
79	45.8	37.8	56.8

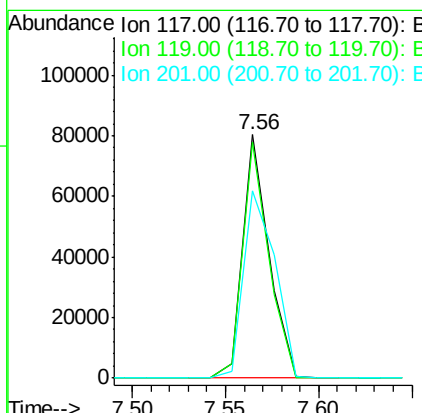
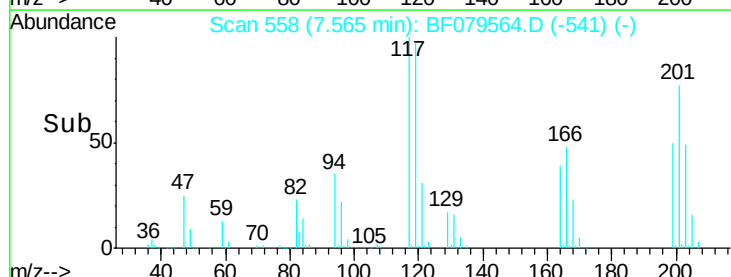
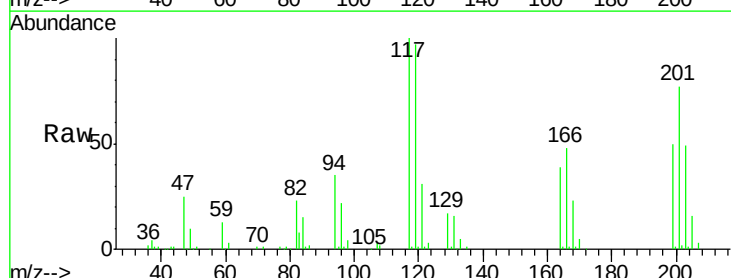
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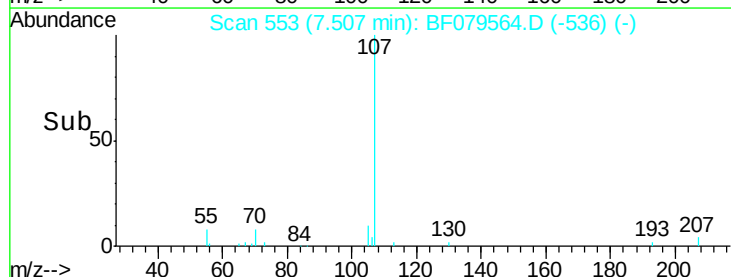
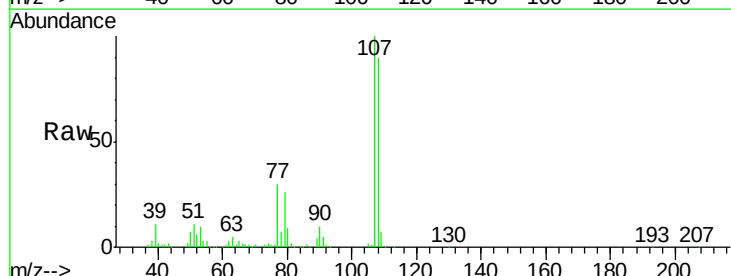
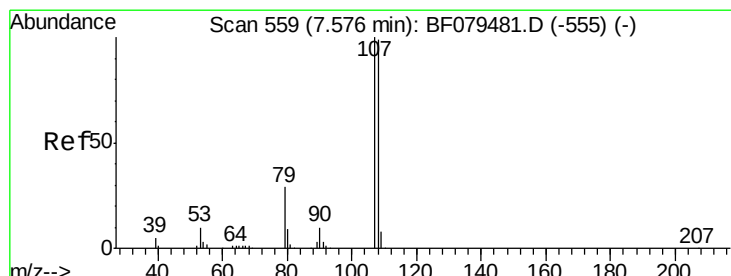
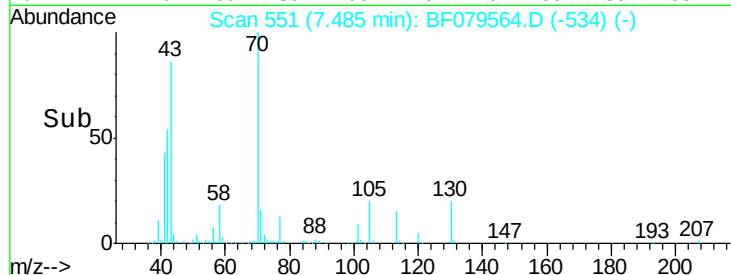
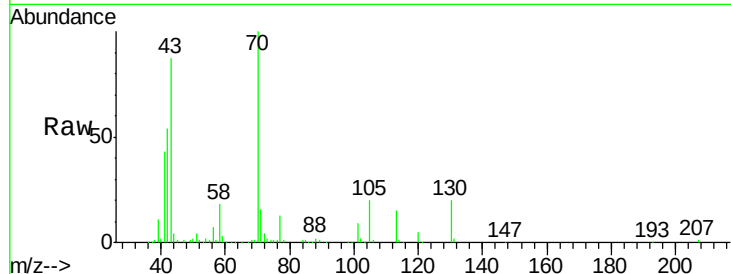
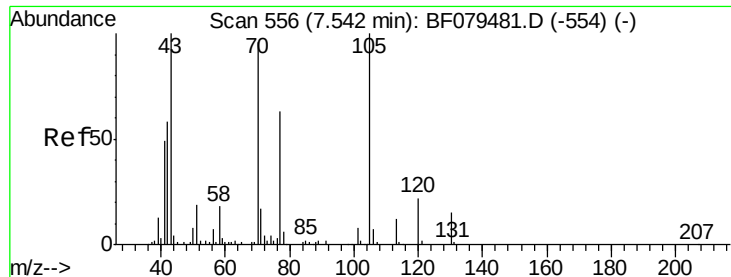
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#18
Hexachloroethane
Concen: 33.43 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	117	Resp	78489
Ion Ratio	Lower	Upper	
117	100		
119	97.0	74.9	112.3
201	76.9	60.2	90.4





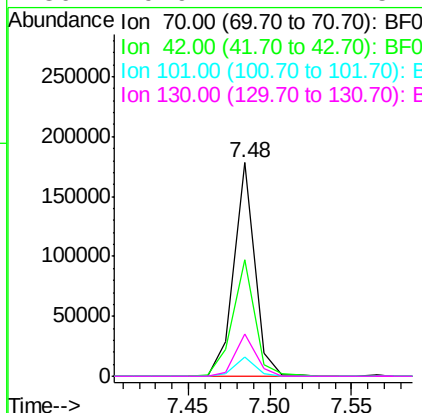
#19
n-Nitroso-di-n-propylamine
Concen: 33.93 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.3		48.8	73.2	
101	9.0		6.6	9.8	
130	19.9		12.2	18.4	

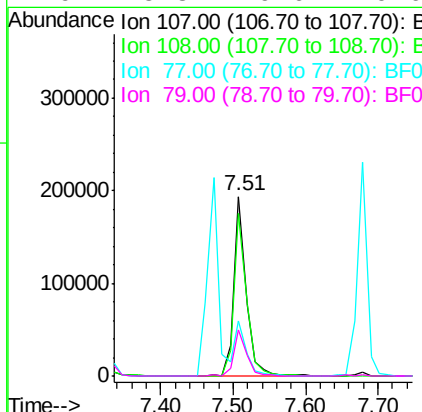
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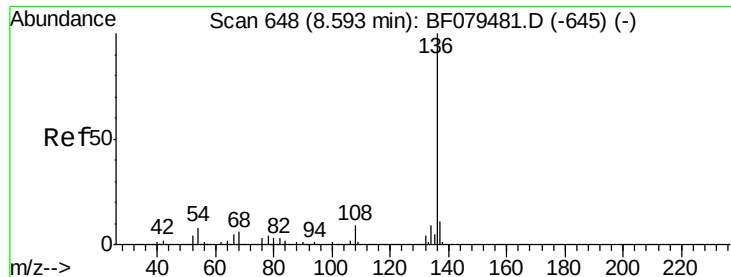
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#20
3+4-Methylphenols
Concen: 35.56 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.4		77.7	117.7	
77	30.4		11.4	51.4	
79	25.8		9.6	49.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

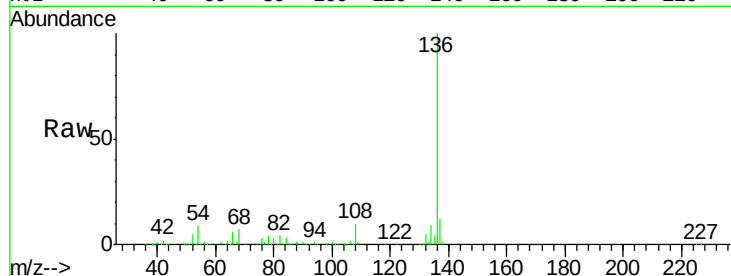
ClientSampleId :

PB83635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		366998		
137	11.7		8.5	12.7	
54	9.1		6.6	9.8	
68	7.0		4.7	7.1	

Manual Integrations
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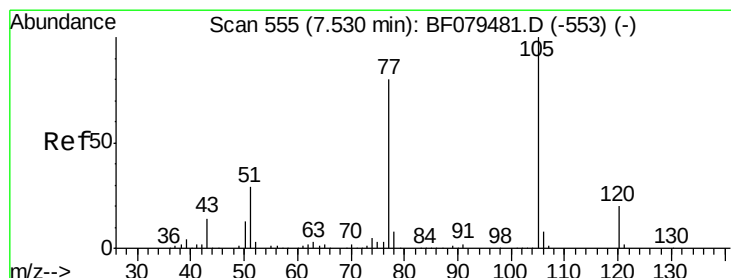
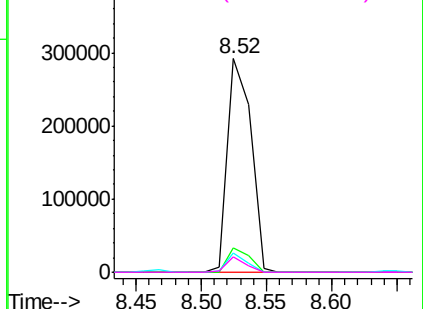
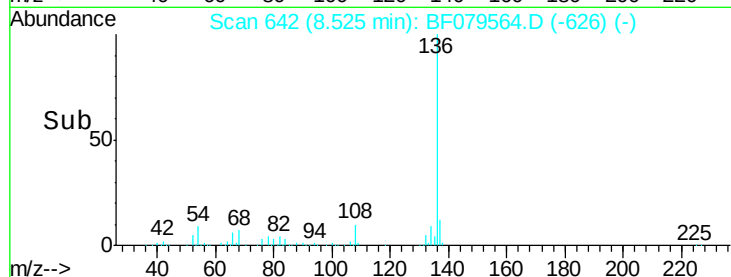


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.11 ng

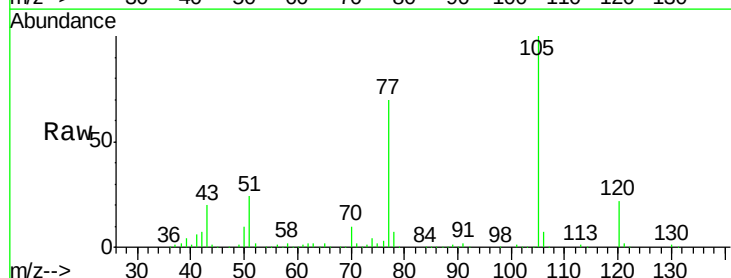
RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		305151		
71	1.9		0.2	0.4#	
51	24.0		23.7	35.5	
120	21.6		16.2	24.4	

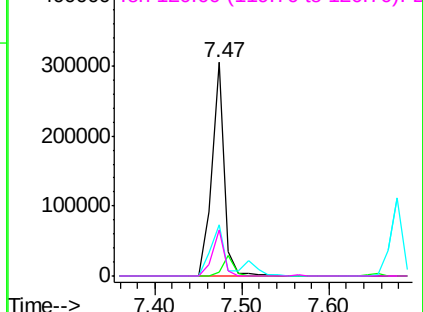
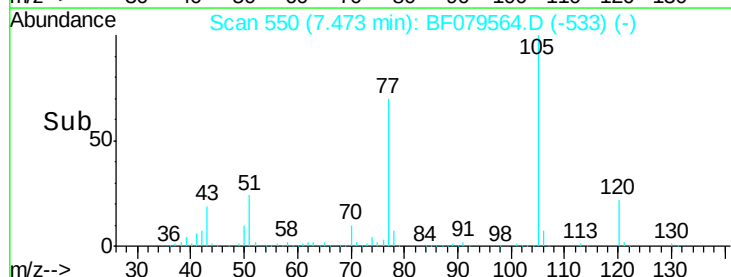


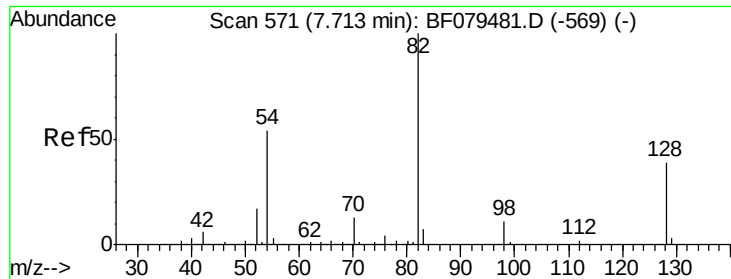
Abundance Ion 105.00 (104.70 to 105.70): E

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





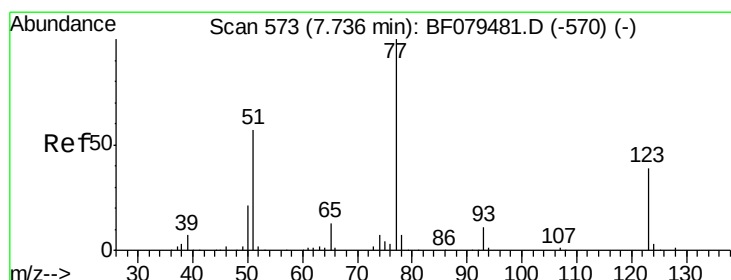
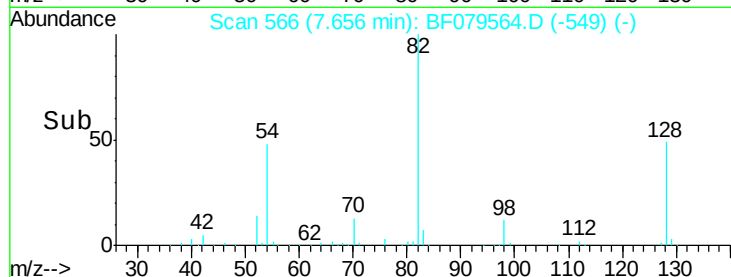
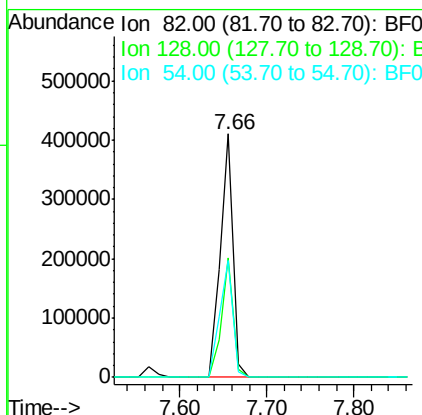
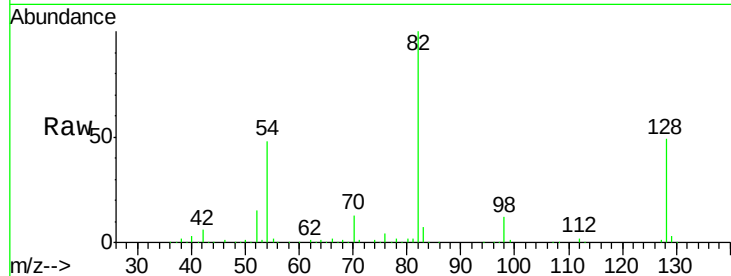
#23
 Nitrobenzene-d5
 Concen: 67.12 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	426162		
128	48.9	30.8	46.2#	
54	48.1	42.8	64.2	

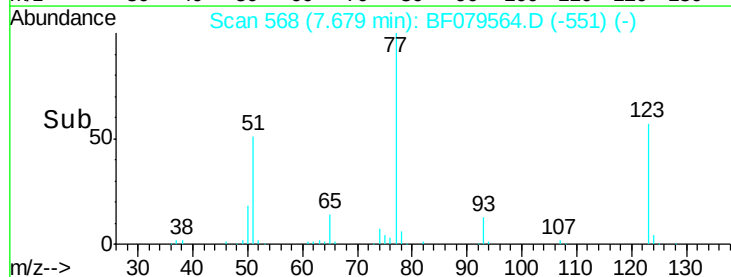
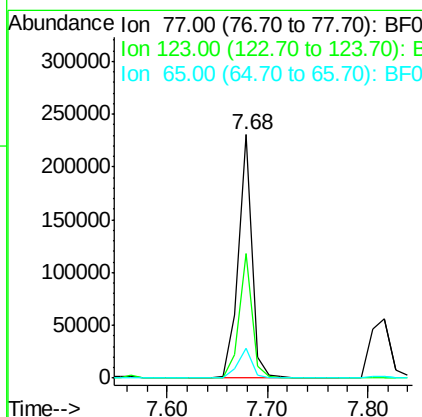
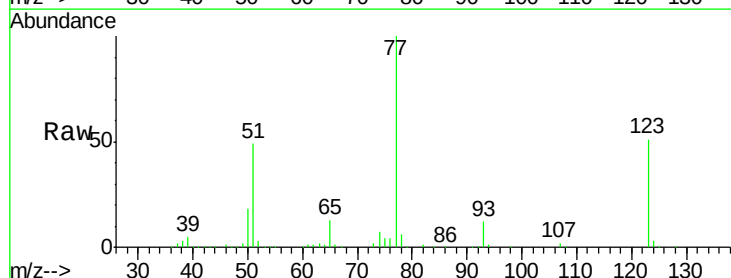
Manual Integrations
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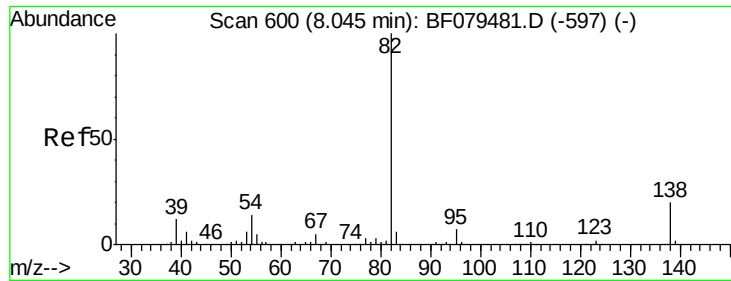
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#24
 Nitrobenzene
 Concen: 35.07 ng
 RT: 7.68 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	219421		
123	51.0	31.0	46.4#	
65	12.5	10.6	15.8	





#25

Isophorone

Concen: 34.23 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

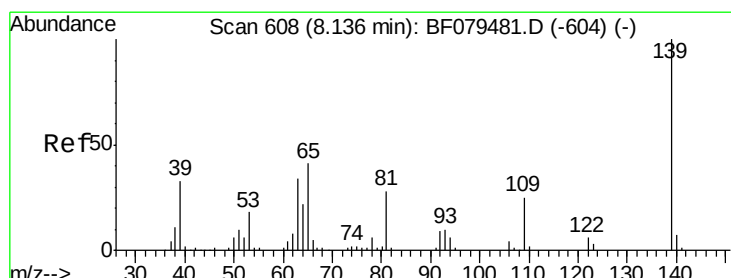
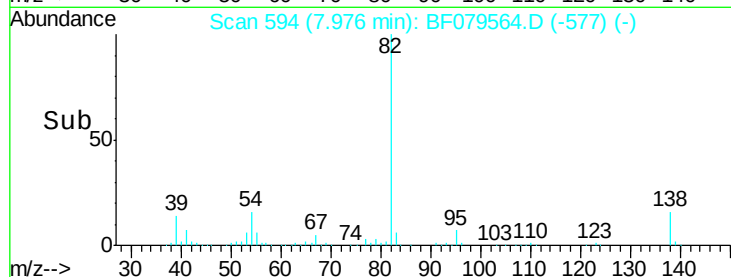
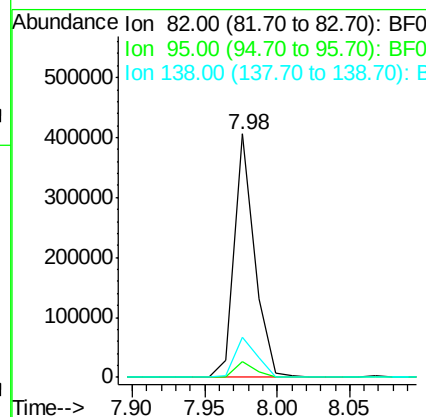
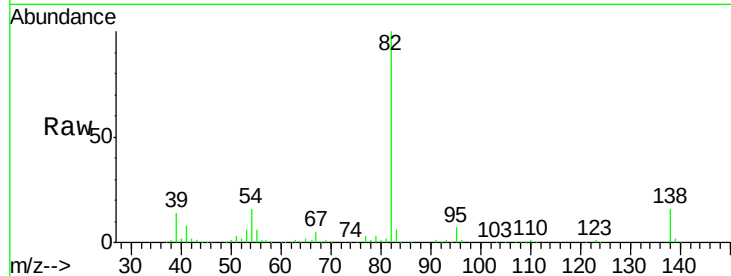
ClientSampleId :

PB83635BS

Tot Ion:	82	Resp:	396161
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.5	8.3
138	16.4	16.1	24.1

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#26

2-Nitrophenol

Concen: 36.04 ng

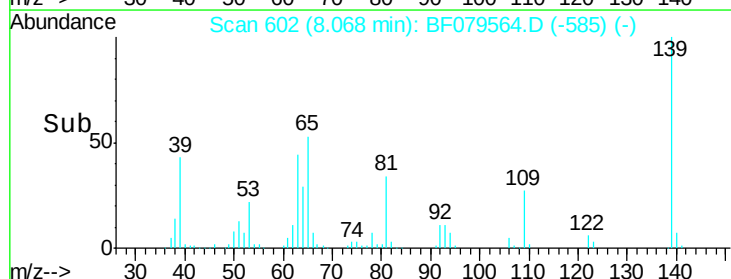
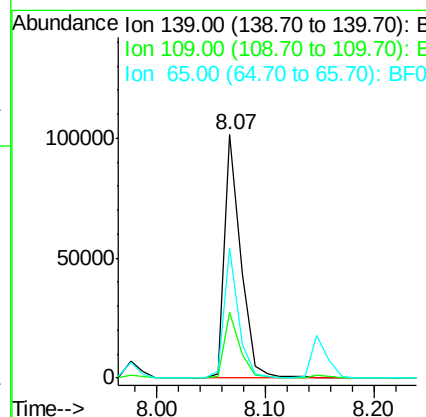
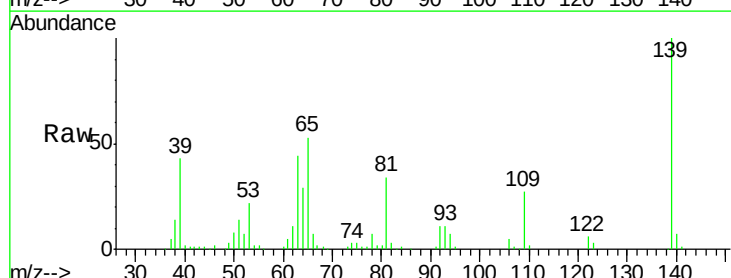
RT: 8.07 min Scan# 602

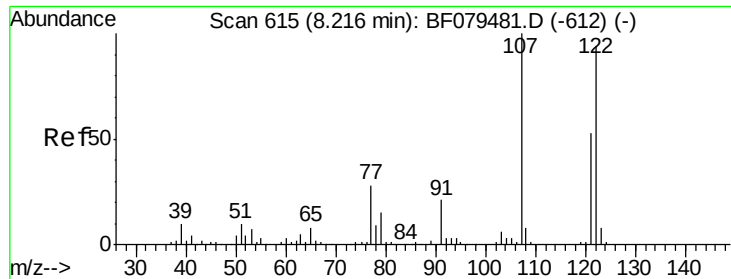
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	139	Resp:	106767
Ion Ratio		Lower	Upper
139	100		
109	27.2	20.2	30.2
65	53.4	32.5	48.7#





#27

2,4-Dimethylphenol

Concen: 36.42 ng

RT: 8.15 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

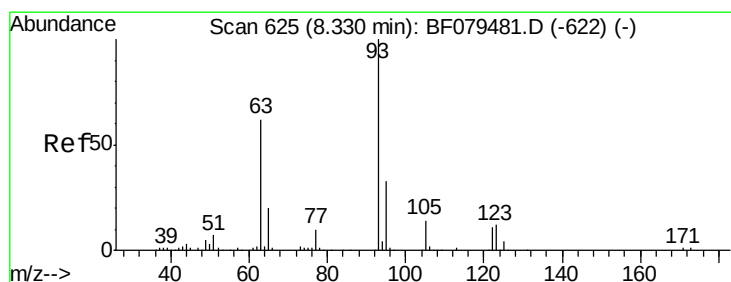
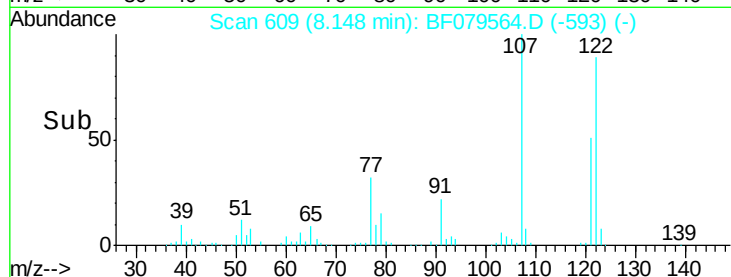
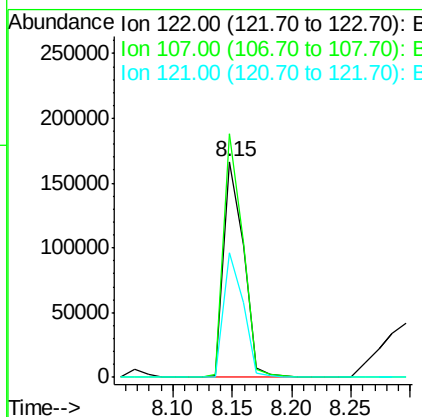
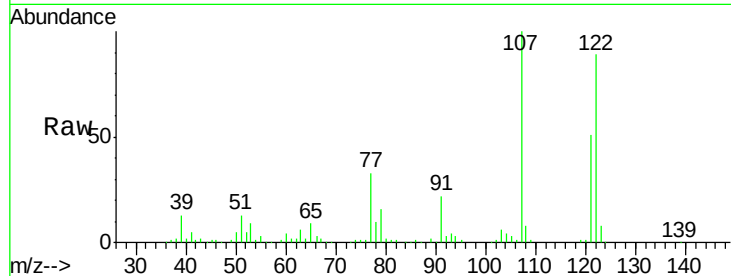
ClientSampleID :

PB83635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		193967		
107	113.0	85.2	127.8		
121	58.0	45.2	67.8		

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#28

bis(2-Chloroethoxy)methane

Concen: 35.58 ng

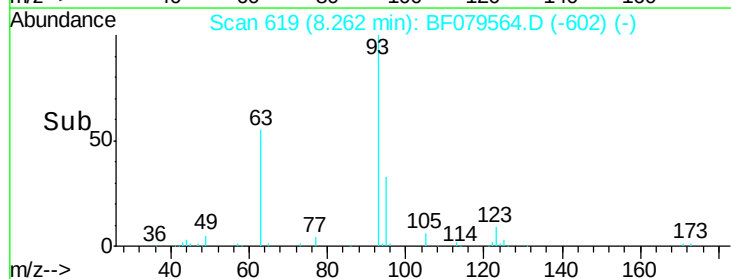
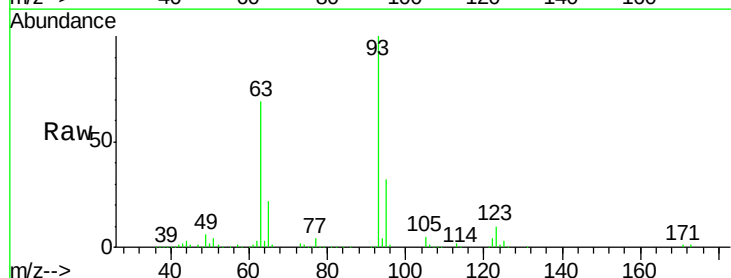
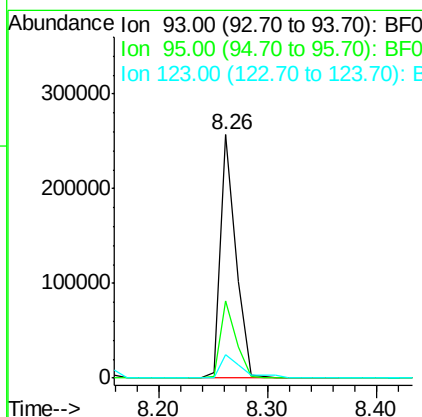
RT: 8.26 min Scan# 619

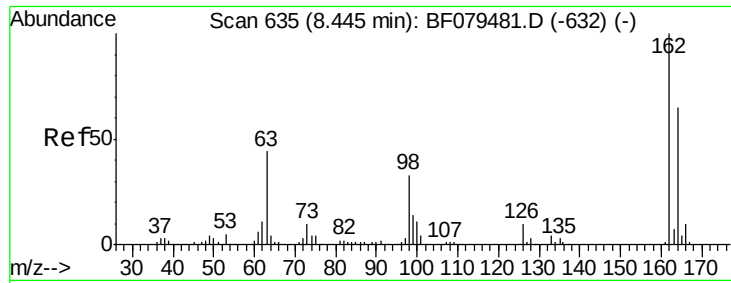
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		255170		
95	32.0	26.6	39.8		
123	9.7	9.4	14.0		





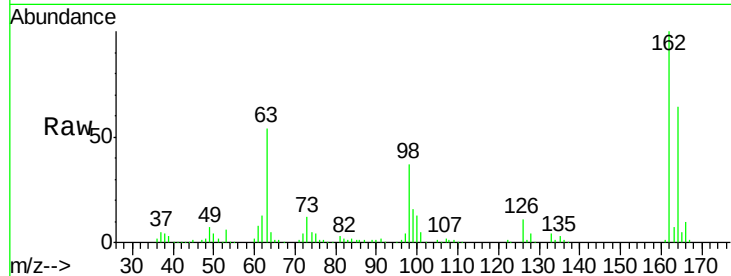
#29
 2,4-Dichlorophenol
 Concen: 38.69 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

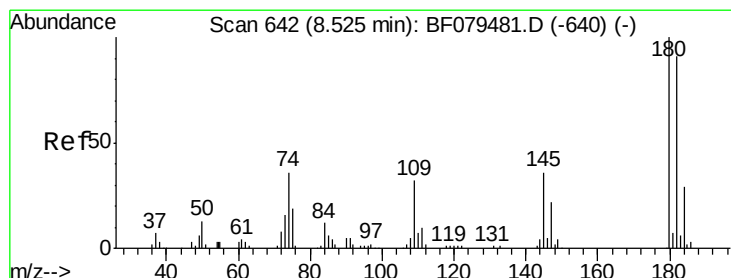
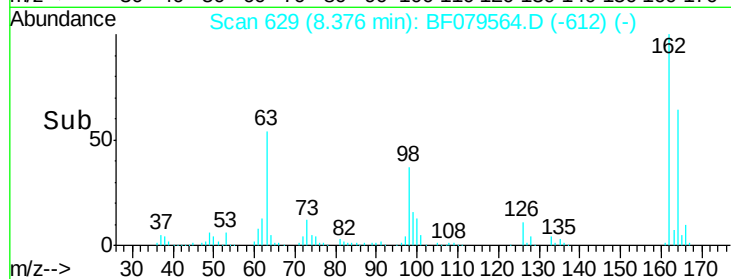
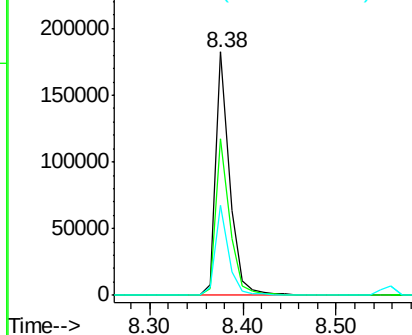
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	45.0	85.0
98	37.0	13.2	53.2

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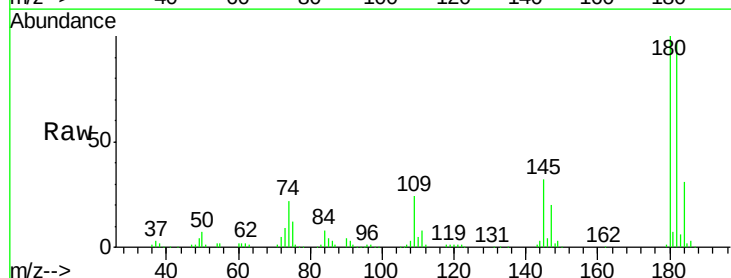


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

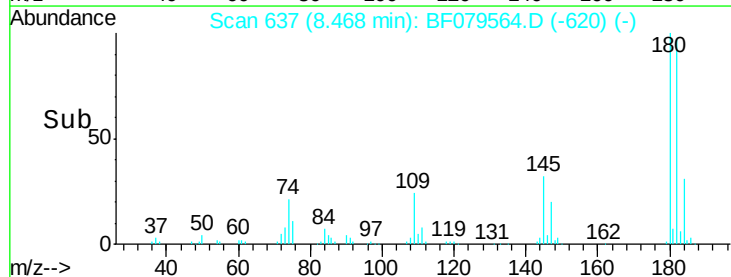
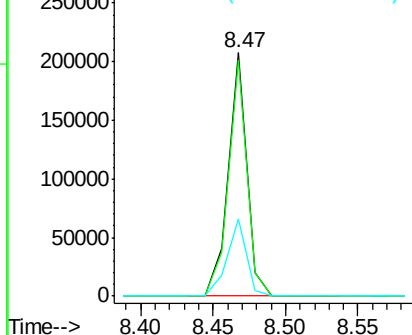


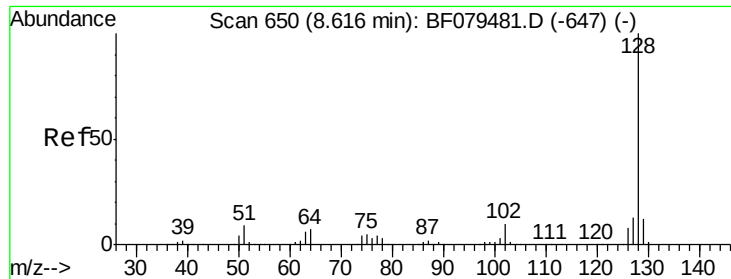
#30
 1,2,4-Trichlorobenzene
 Concen: 36.57 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.7	73.2	109.8
145	31.8	28.9	43.3



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





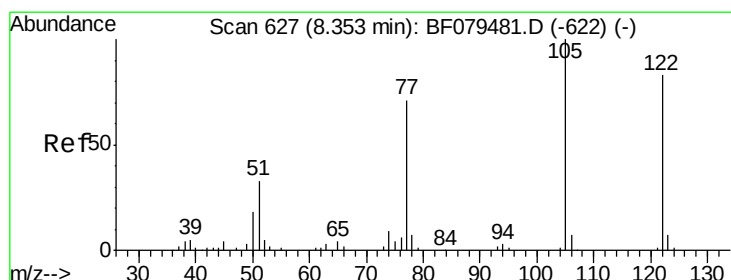
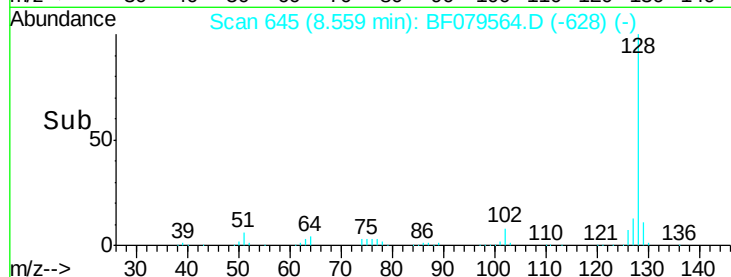
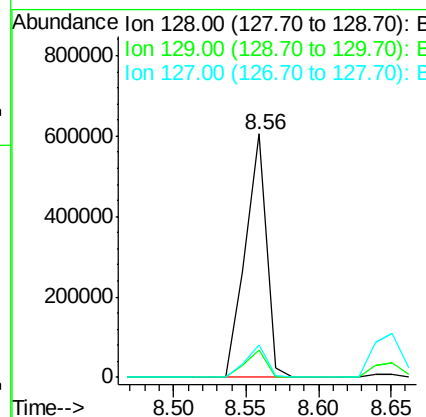
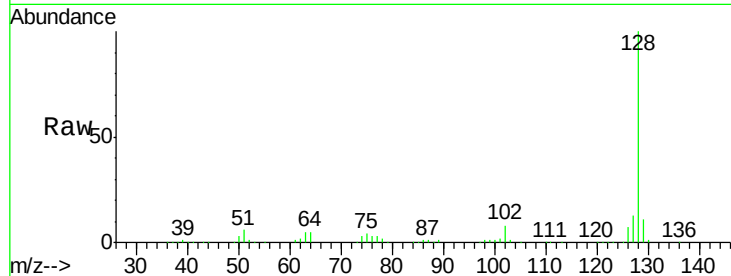
#31
Naphthalene
Concen: 35.06 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	617482		
129	11.1		9.3	13.9
127	13.1		10.6	15.8

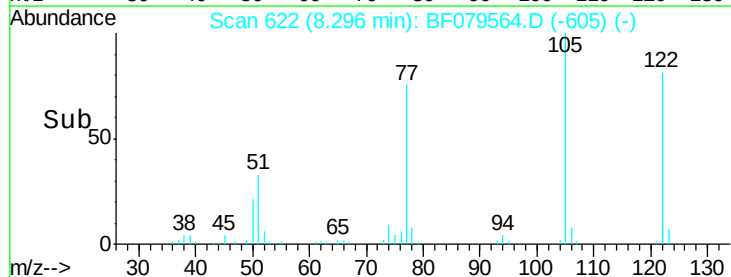
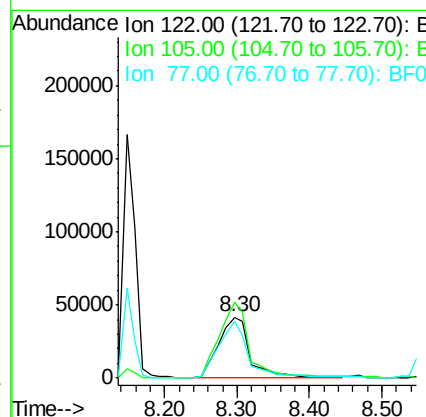
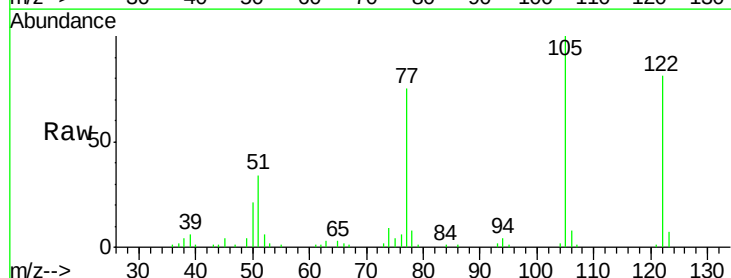
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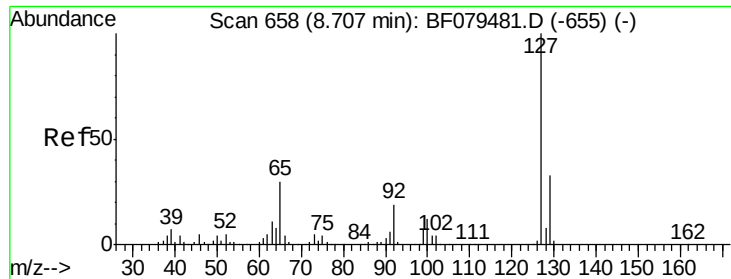
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#32
Benzoic acid
Concen: 37.27 ng
RT: 8.30 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	123183		
105	124.2		100.2	140.2
77	93.3		64.8	104.8





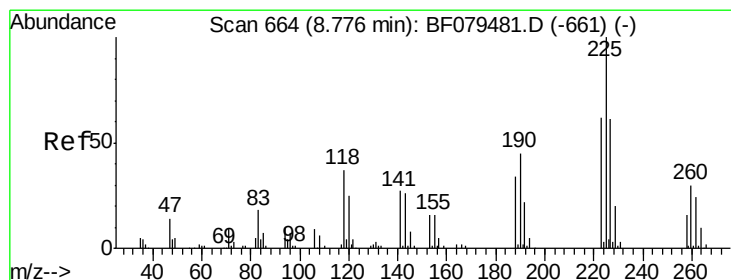
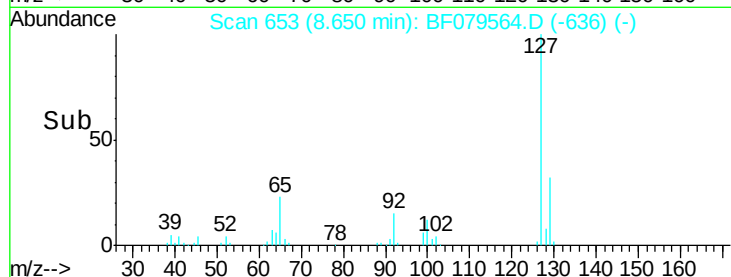
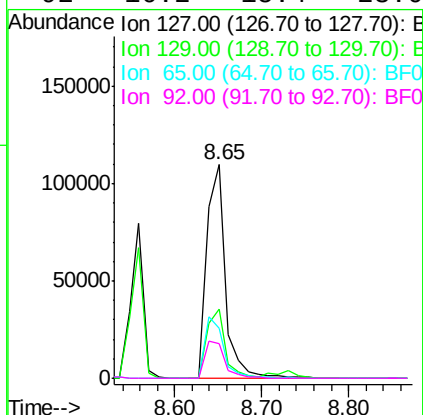
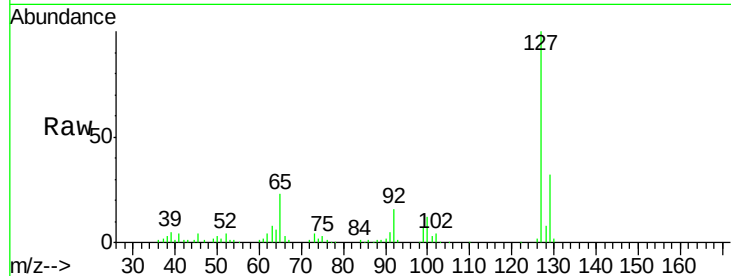
#33
4-Chloroaniline
Concen: 22.43 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.2	
65	23.4	24.2	36.4	
92	16.2	15.4	23.0	

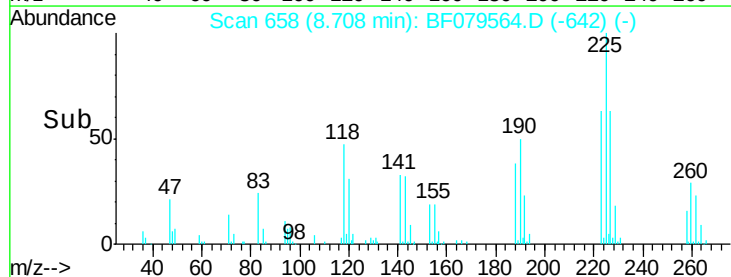
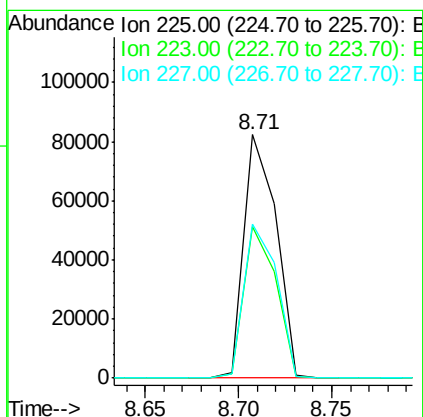
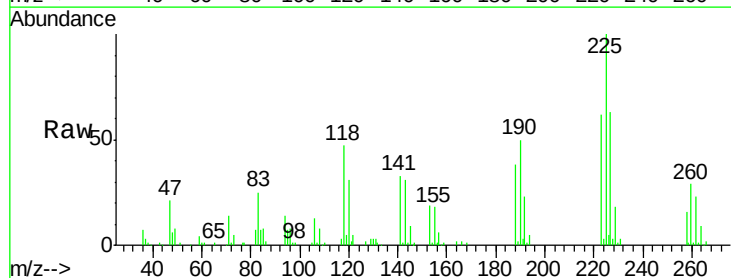
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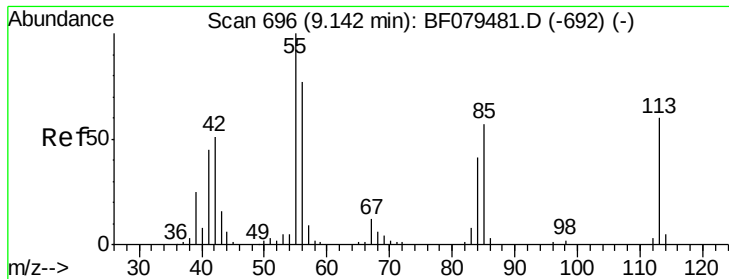
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#34
Hexachlorobutadiene
Concen: 34.43 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	49.9	74.9	
227	63.2	48.9	73.3	





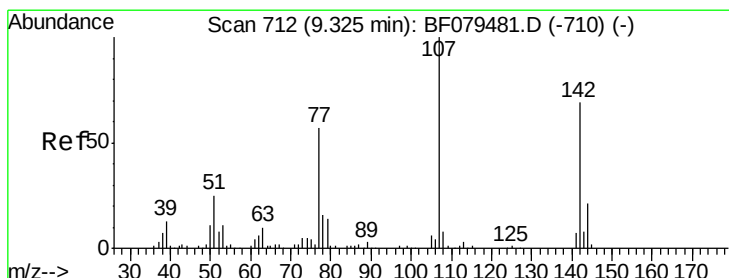
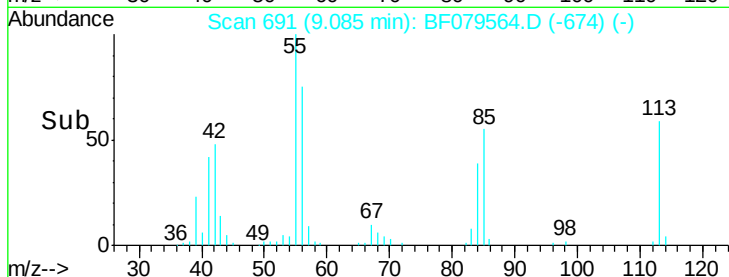
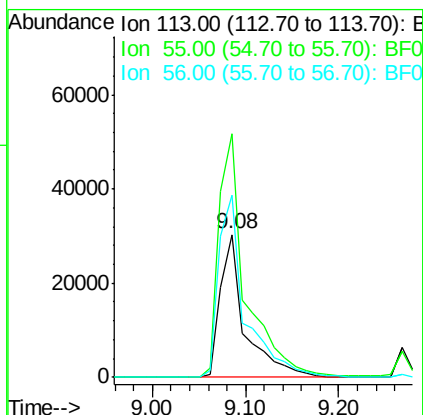
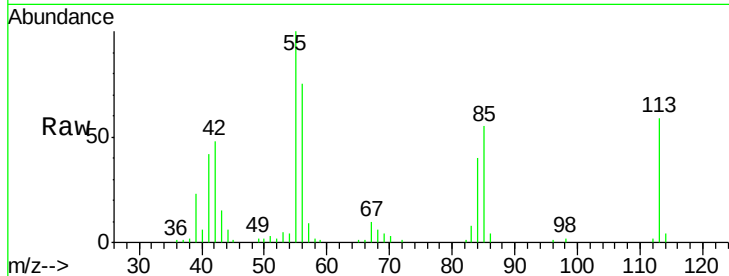
#35
 Caprolactam
 Concen: 35.97 ng
 RT: 9.08 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.3	147.2	187.2
56	127.7	108.6	148.6

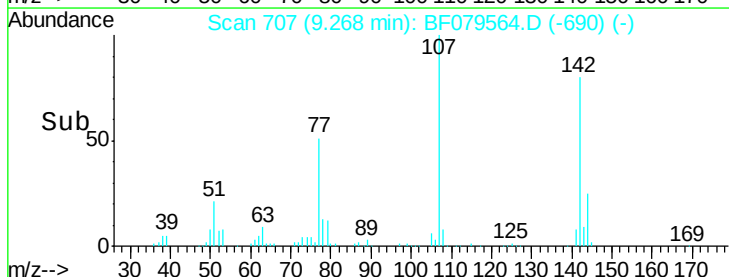
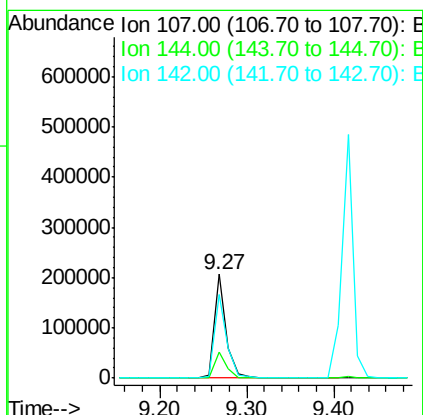
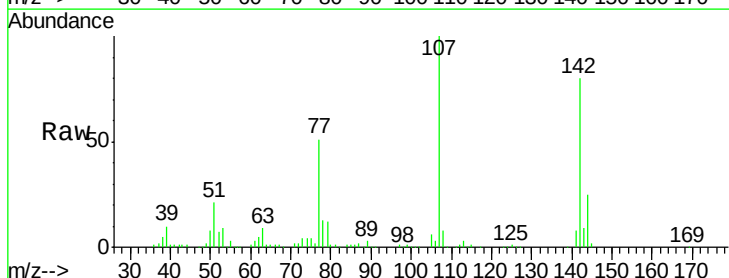
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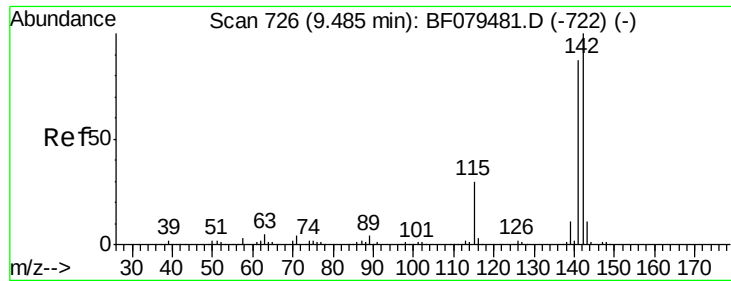
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#36
 4-Chloro-3-methylphenol
 Concen: 38.72 ng
 RT: 9.27 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	16.9	25.3#
142	80.5	55.2	82.8





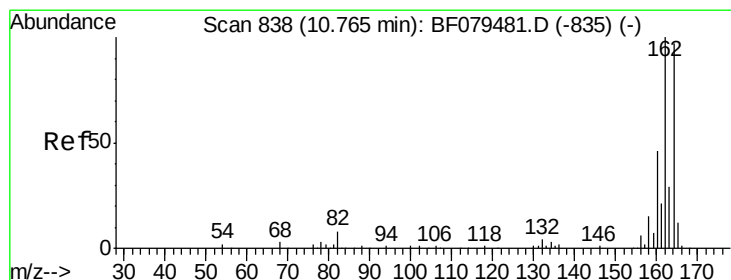
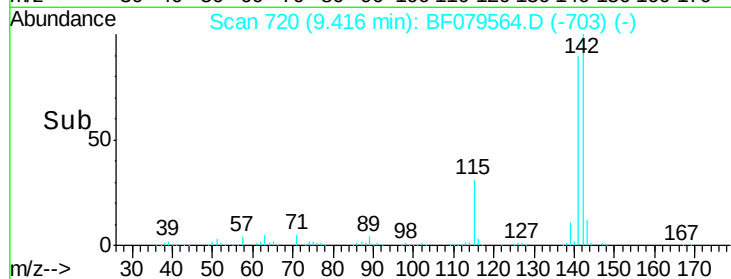
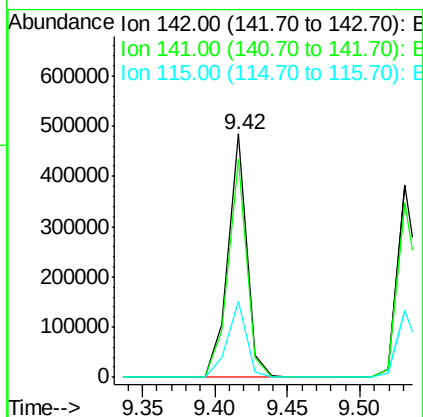
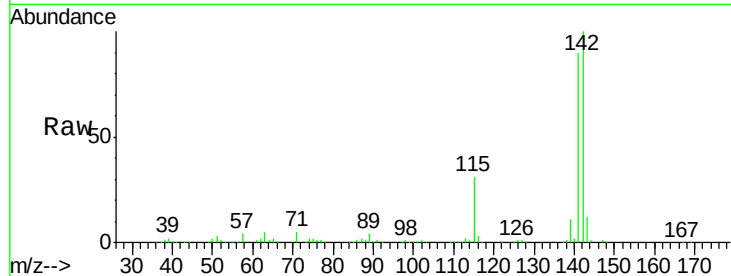
#37
2-Methylnaphthalene
Concen: 35.83 ng
RT: 9.42 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.5	104.3
115	31.2	23.8	35.6

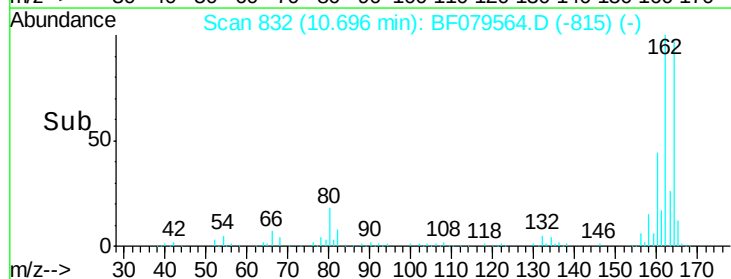
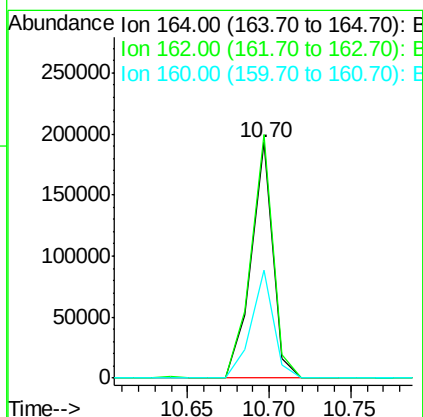
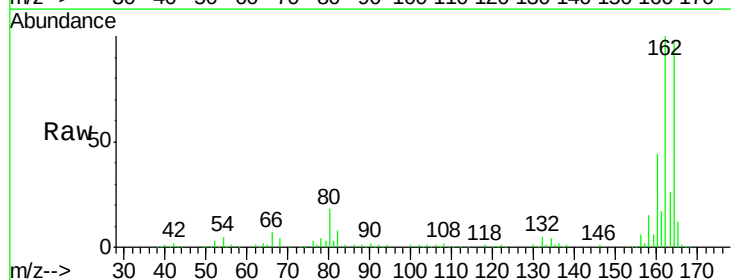
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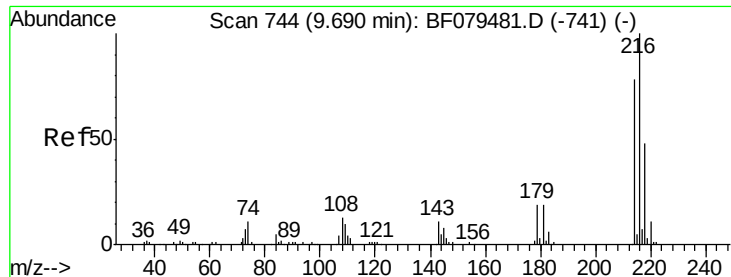
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	124.0
160	45.7	37.7	56.5





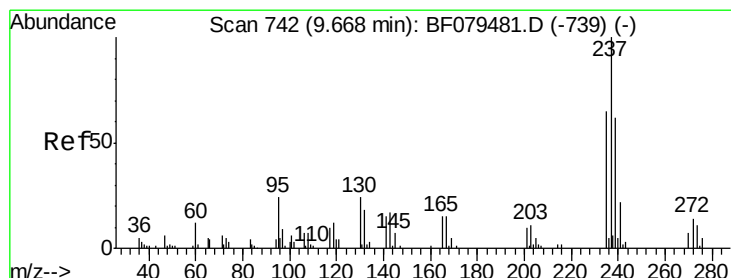
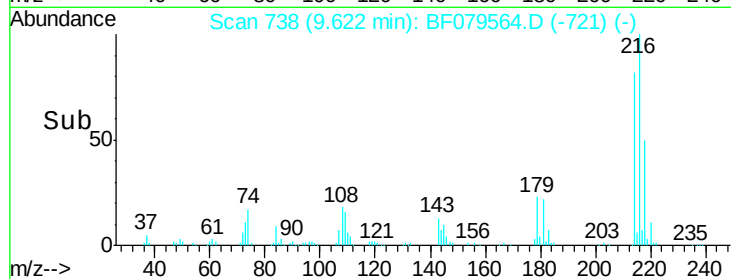
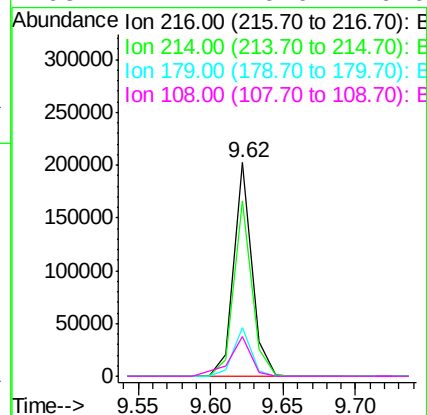
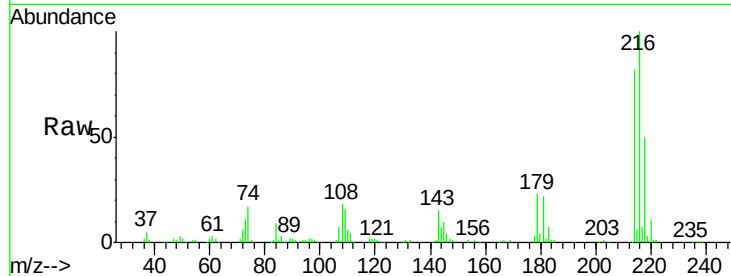
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.19 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.6	0.0	0.0#
179	22.3	0.0	0.0#
108	21.7	0.0	0.0#

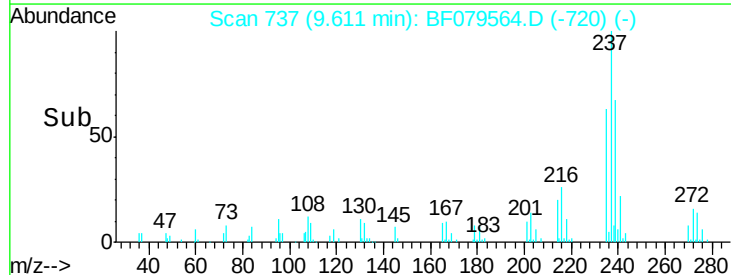
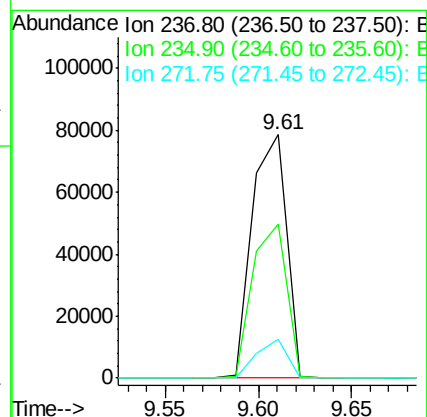
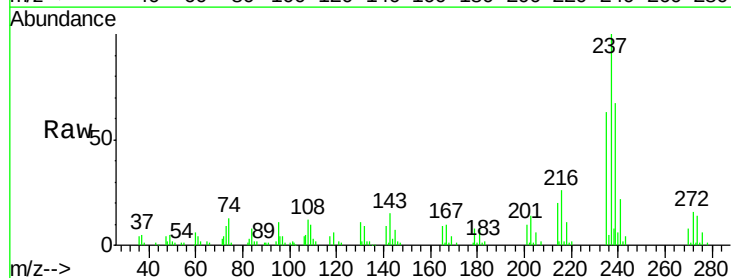
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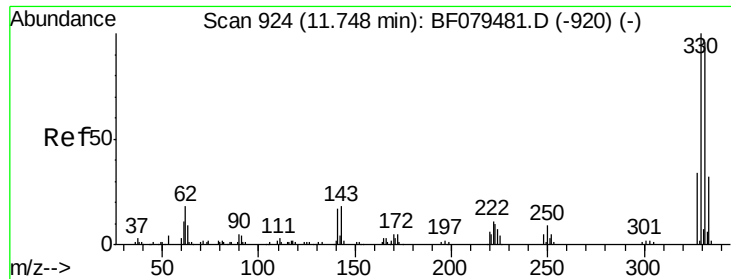
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#40
 Hexachlorocyclopentadiene
 Concen: 69.43 ng
 RT: 9.61 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	45.0	85.0
272	15.9	0.0	33.9





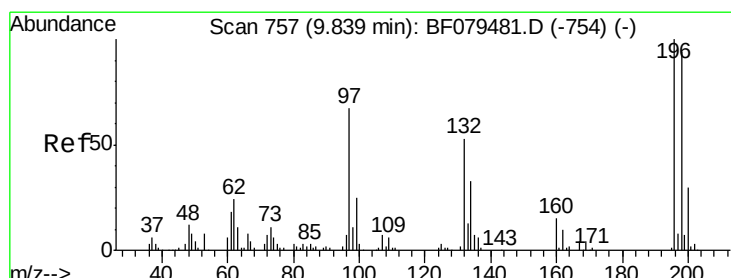
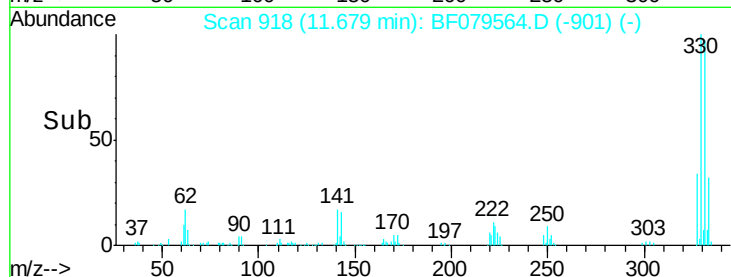
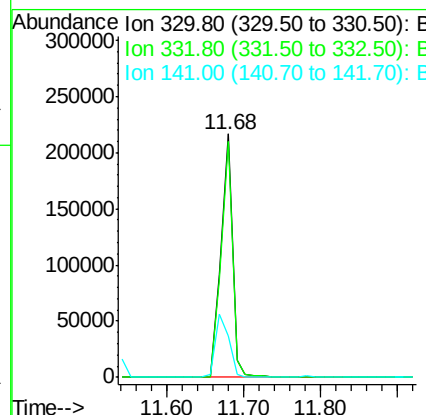
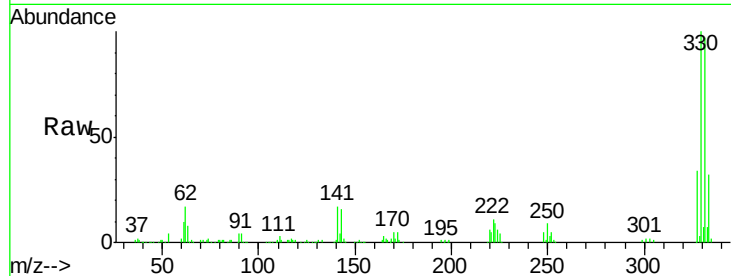
#41
 2,4,6-Tribromophenol
 Concen: 115.85 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	30.0	0.0	0.0#

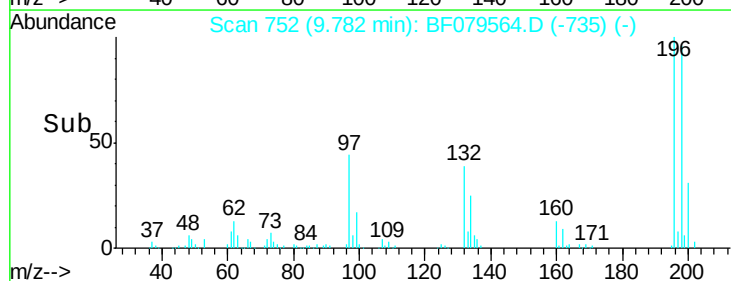
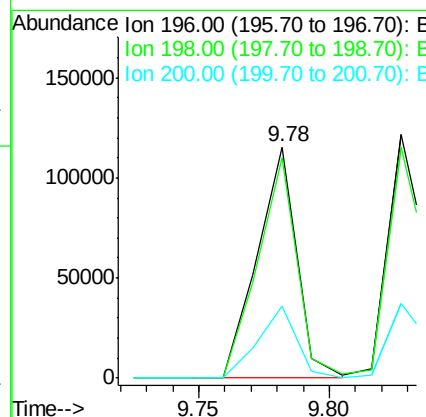
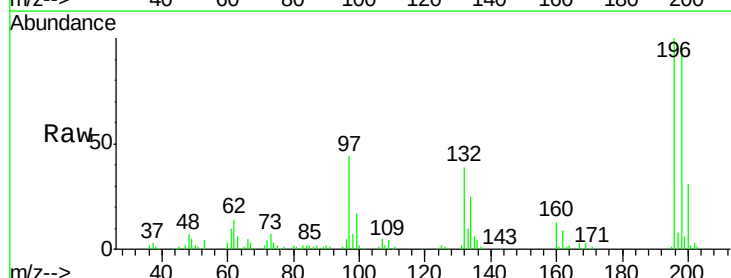
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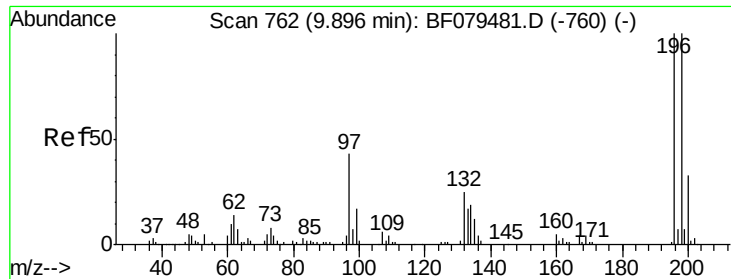
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#42
 2,4,6-Trichlorophenol
 Concen: 34.94 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.6	75.3	112.9
200	31.3	23.8	35.8





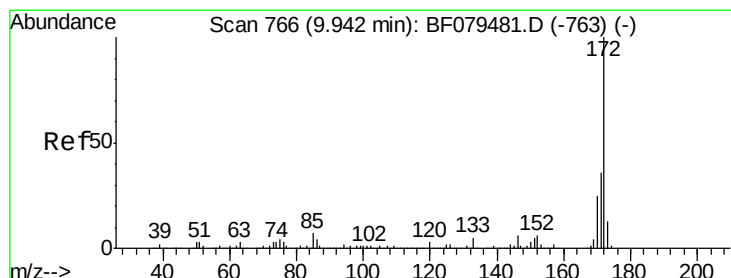
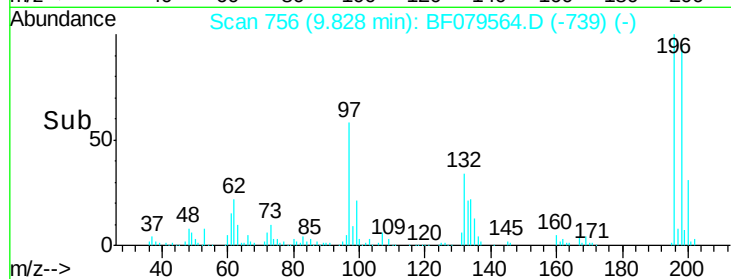
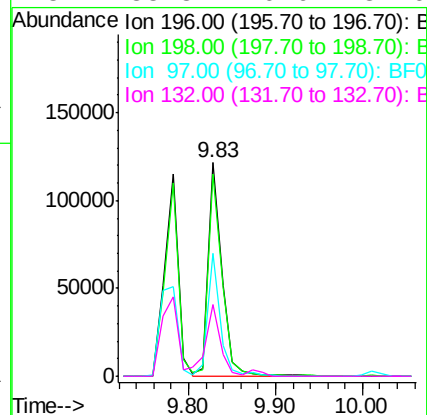
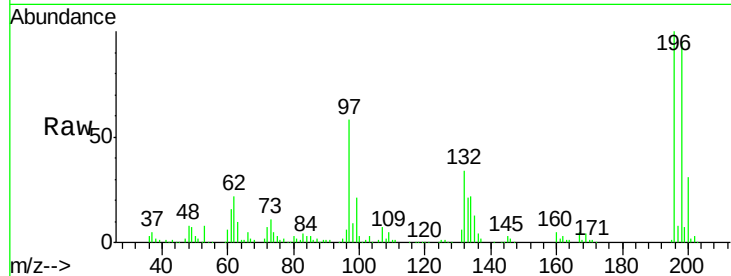
#43
 2,4,5-Trichlorophenol
 Concen: 38.31 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	133626		
198	94.8	80.3	120.5	
97	57.7	34.8	52.2	#
132	33.8	20.6	31.0	#

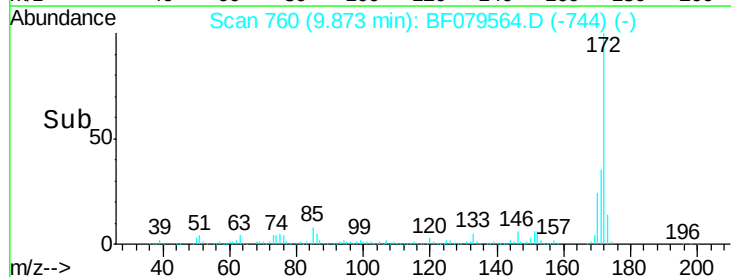
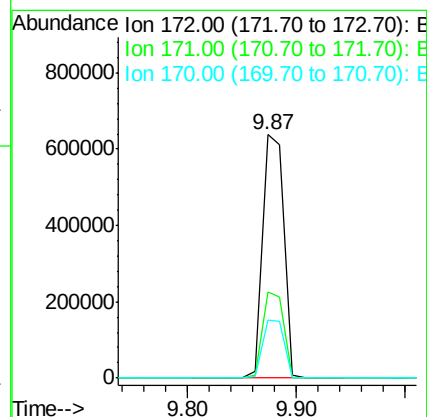
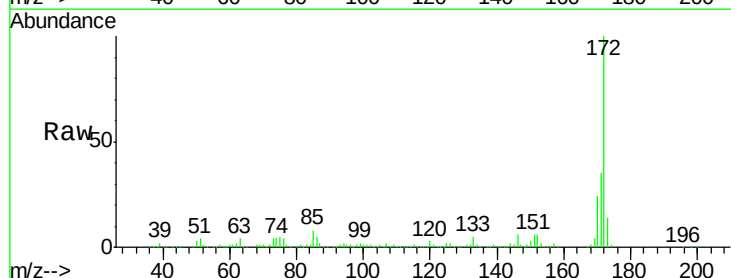
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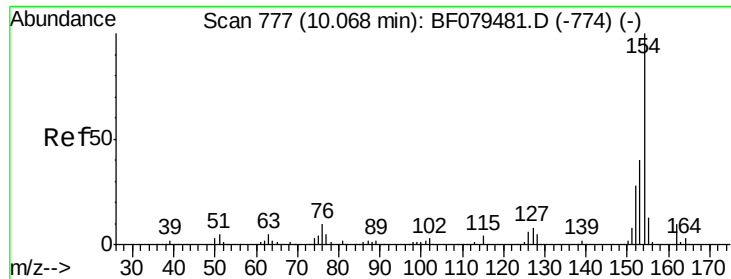
apatel
 6/1/2015 4:20:52 PM



#44
 2-Fluorobiphenyl
 Concen: 69.68 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	876225		
171	35.4	28.5	42.7	
170	23.9	19.7	29.5	





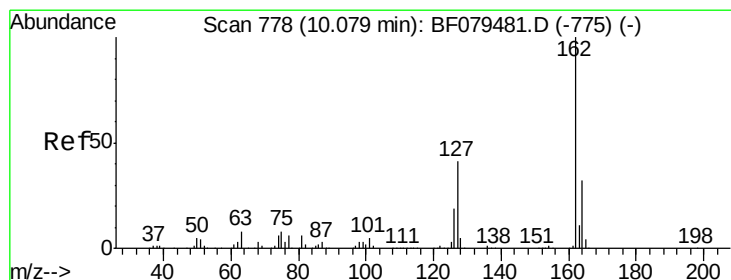
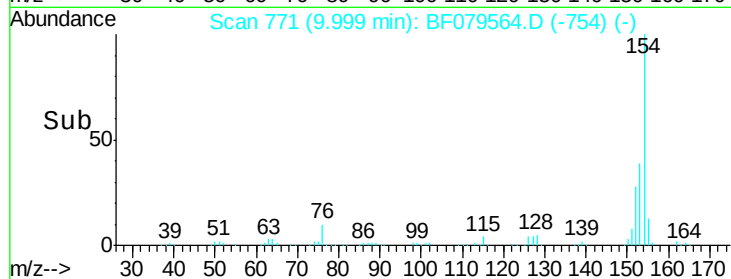
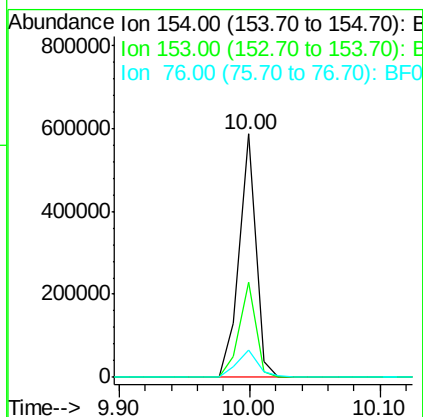
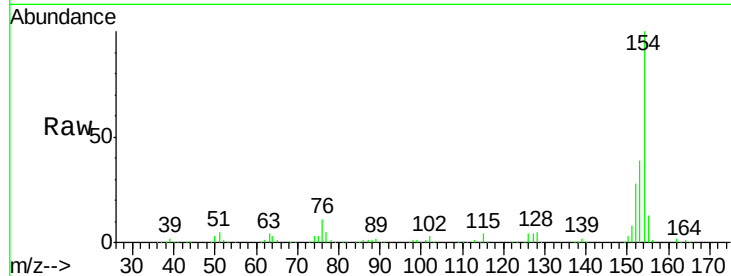
#45
 1,1'-Biphenyl
 Concen: 37.03 ng
 RT: 10.00 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion:	154	Resp:	518817
Ion Ratio	Lower	Upper	
154	100		
153	39.2	19.5	59.5
76	11.0	0.0	29.6

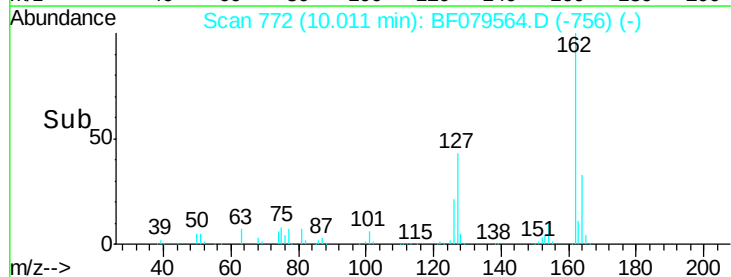
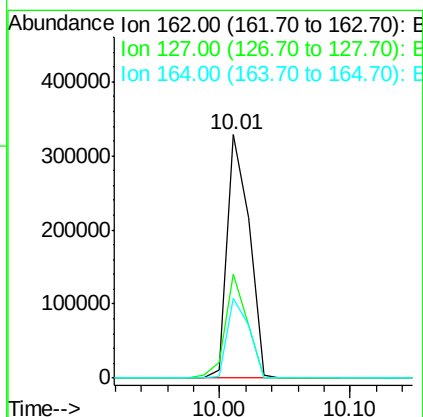
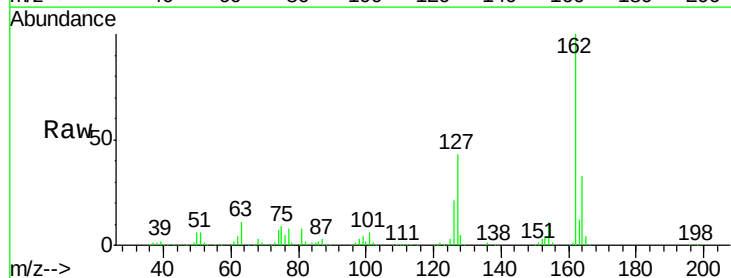
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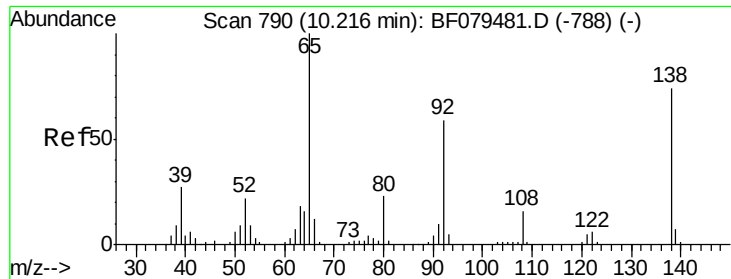
apatel
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#46
 2-Chloronaphthalene
 Concen: 34.78 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion:	162	Resp:	384818
Ion Ratio	Lower	Upper	
162	100		
127	42.6	32.7	49.1
164	32.8	25.8	38.6





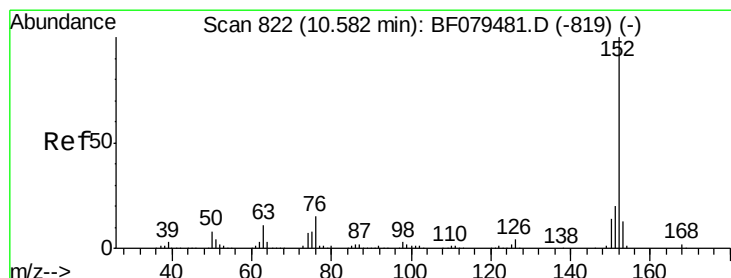
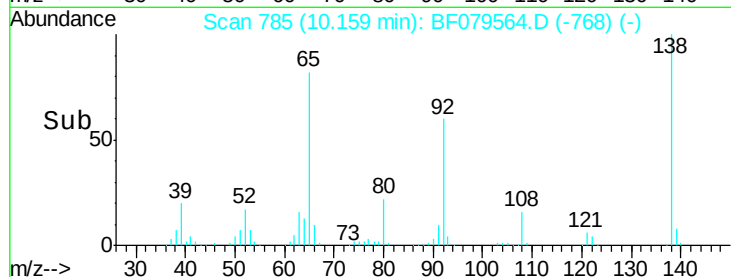
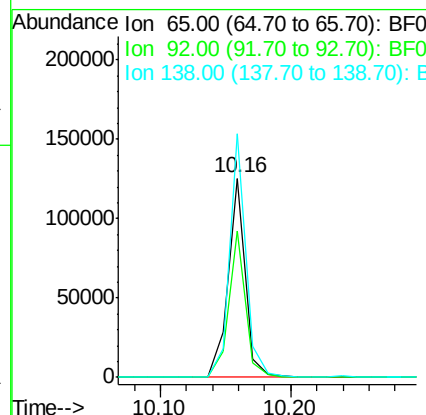
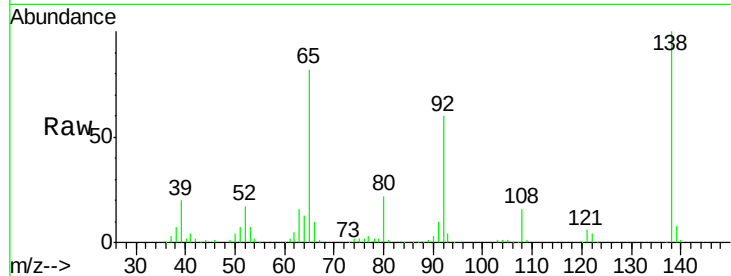
#47
2-Nitroaniline
Concen: 35.38 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.6	47.2	70.8#
138	122.1	59.2	88.8#

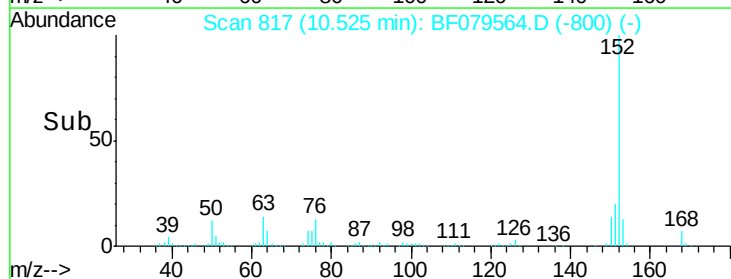
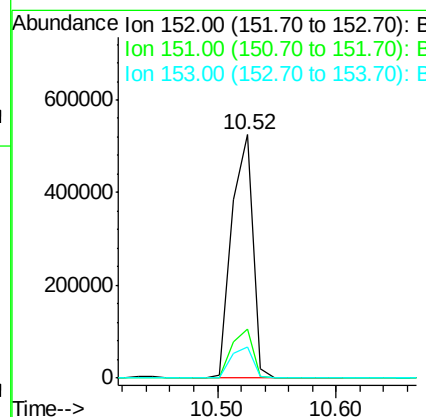
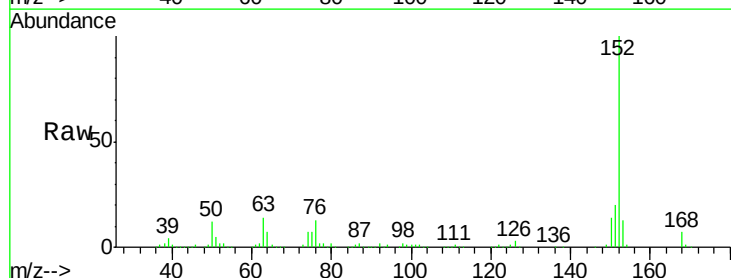
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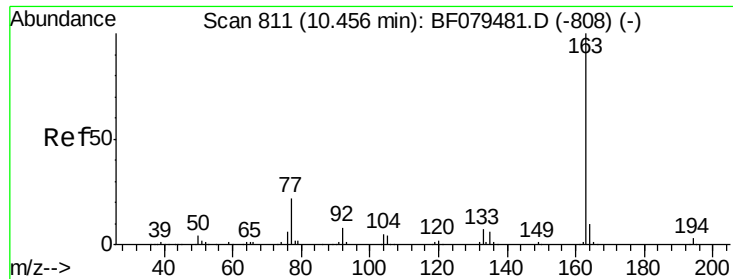
apatel
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#48
Acenaphthylene
Concen: 35.09 ng
RT: 10.52 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.0	10.7	16.1





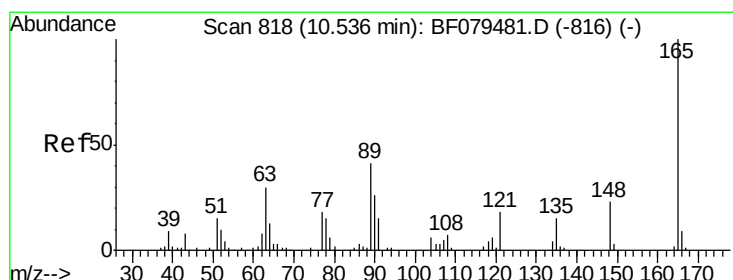
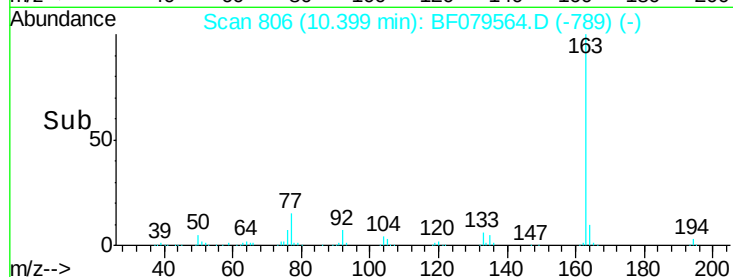
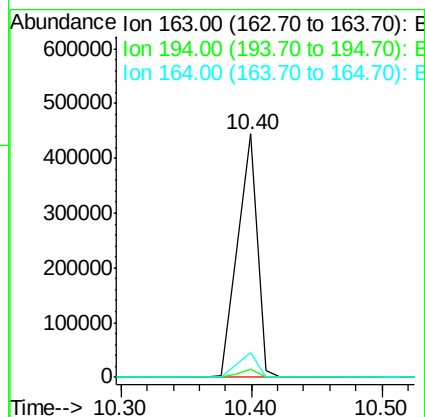
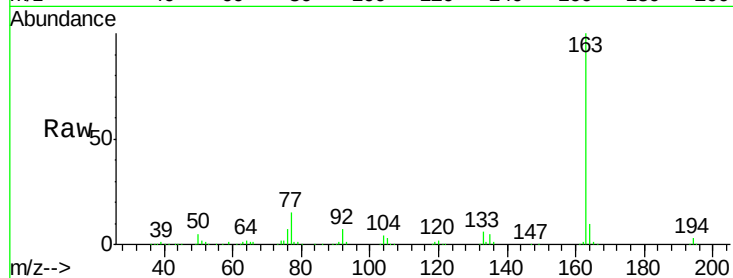
#49
Dimethylphthalate
Concen: 34.95 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	461960		
194	3.4	2.4	3.6	
164	9.9	8.2	12.4	

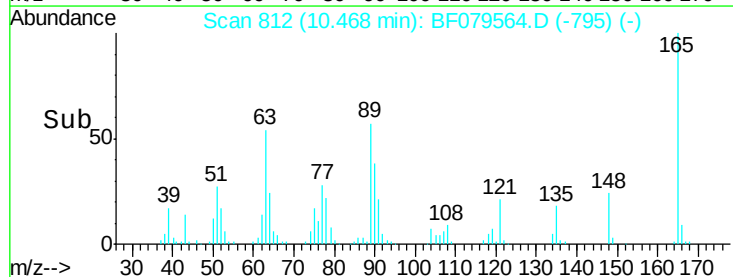
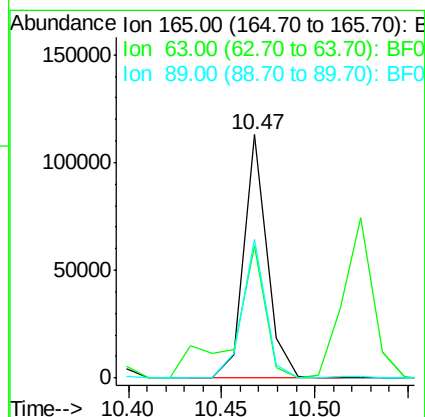
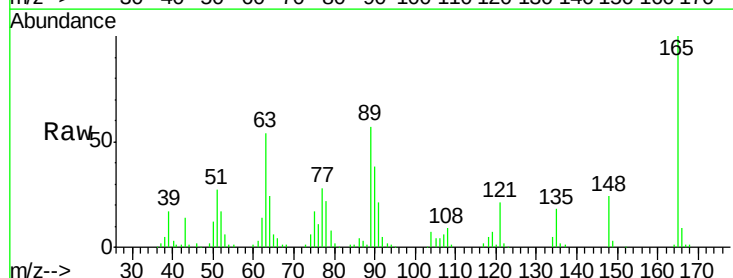
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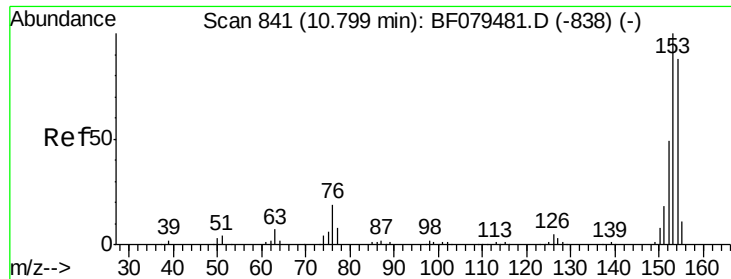
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#50
2,6-Dinitrotoluene
Concen: 37.21 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98261		
63	54.2	27.7	41.5#	
89	56.9	33.7	50.5#	





#51

Acenaphthene

Concen: 34.56 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

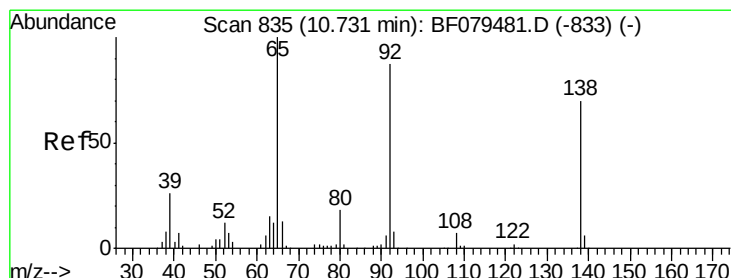
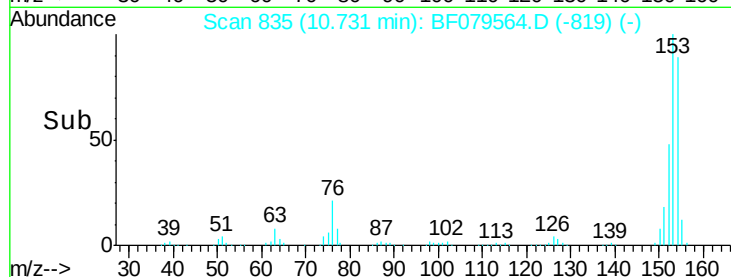
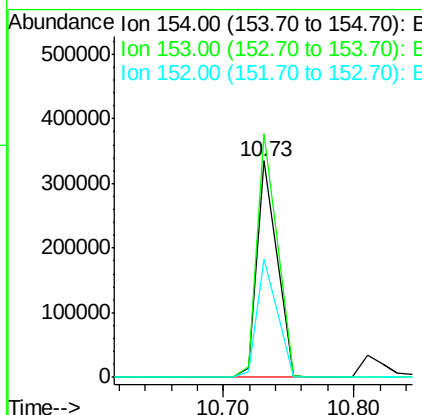
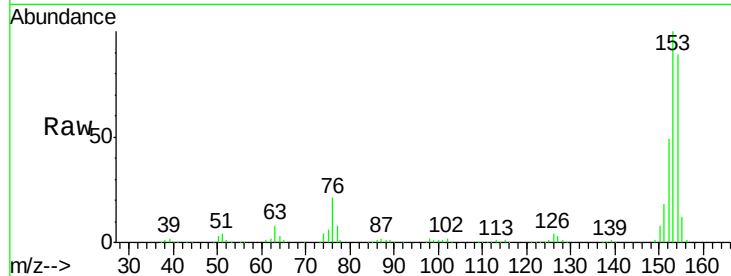
ClientSampleId :

PB83635BS

Tot Ion:	154	Resp:	362986
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.1	136.7
152	54.7	44.6	66.8

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#52

3-Nitroaniline

Concen: 25.36 ng

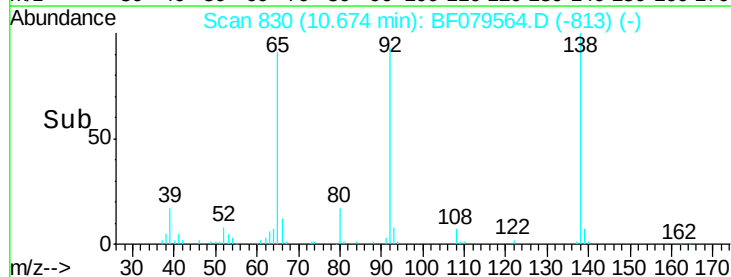
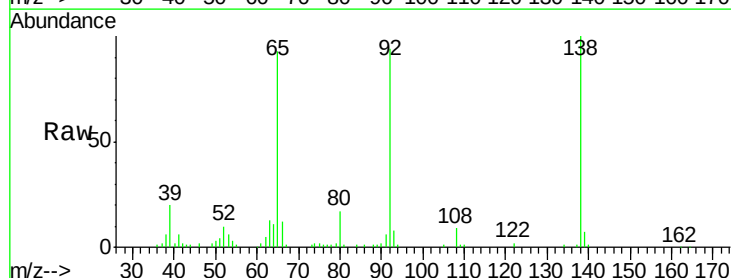
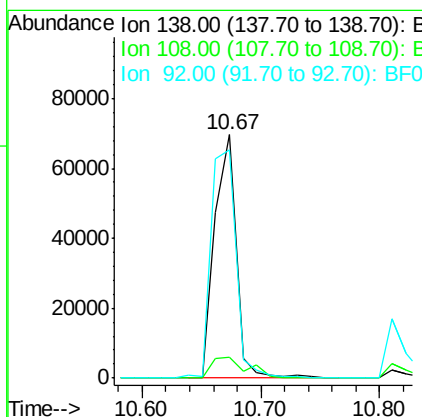
RT: 10.67 min Scan# 830

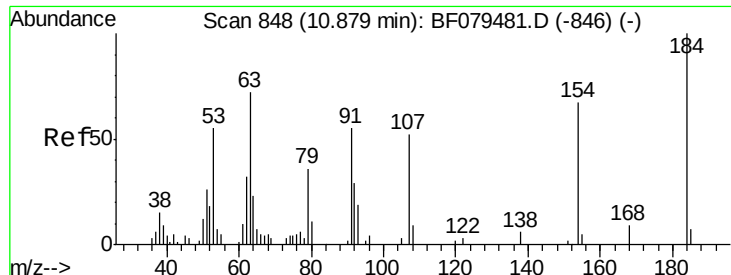
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	138	Resp:	87112
Ion Ratio	Lower	Upper	
138	100		
108	8.8	8.0	12.0
92	93.7	99.9	149.9#





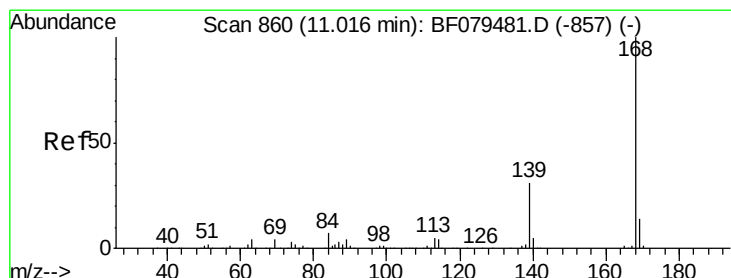
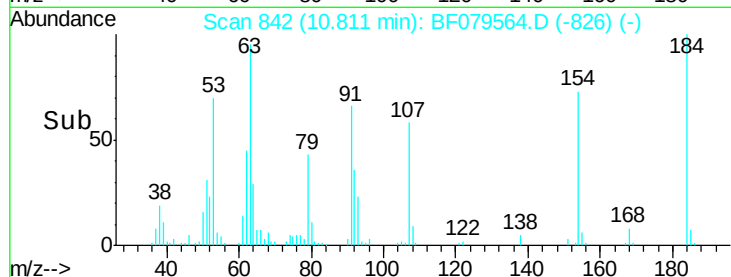
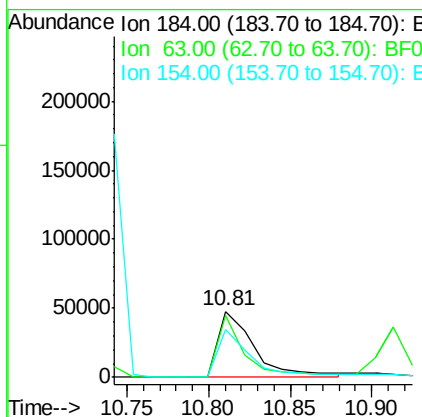
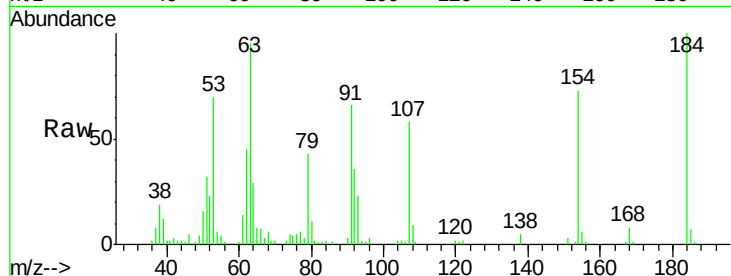
#53
 2,4-Dinitrophenol
 Concen: 70.90 ng
 RT: 10.81 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	94.9	57.7	86.5#
154	72.8	53.4	80.2

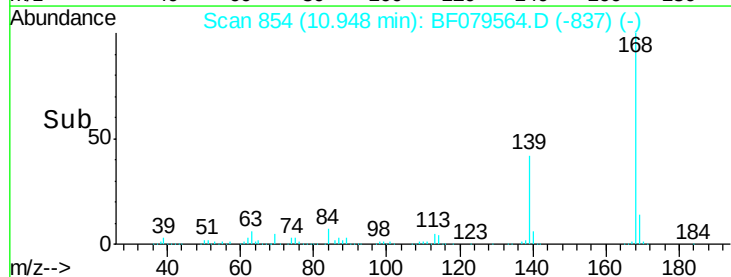
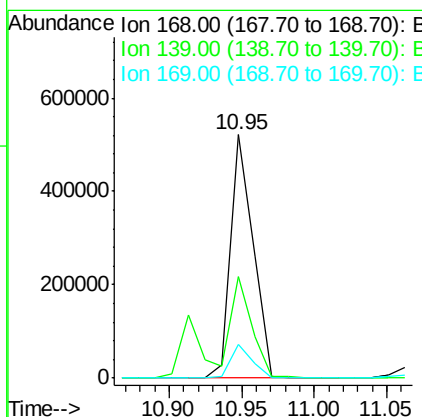
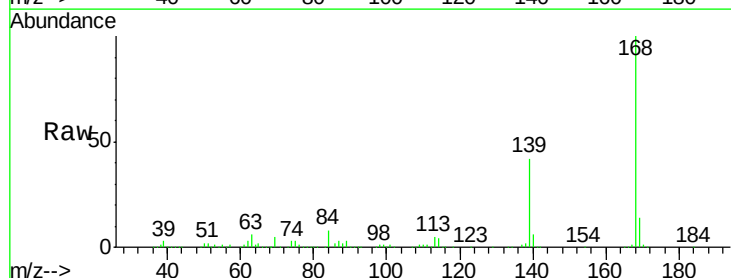
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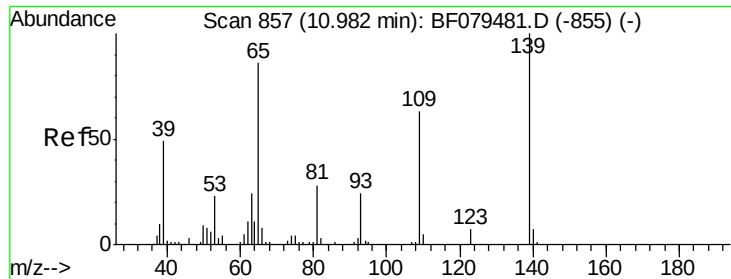
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#54
 Dibenzofuran
 Concen: 36.08 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	32.9	49.3
169	14.1	11.1	16.7





#55

4-Nitrophenol

Concen: 74.57 ng

RT: 10.91 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

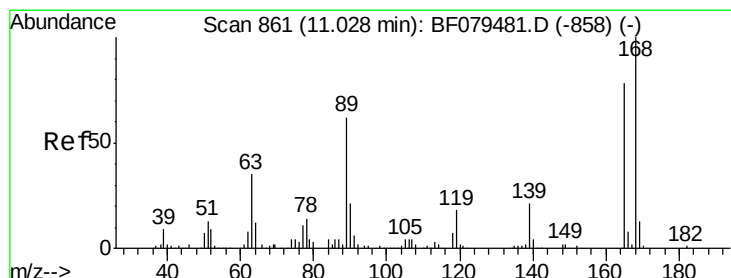
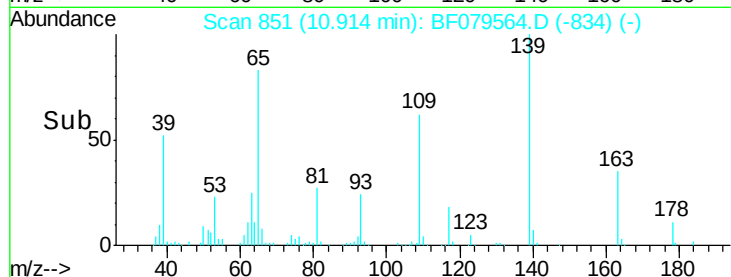
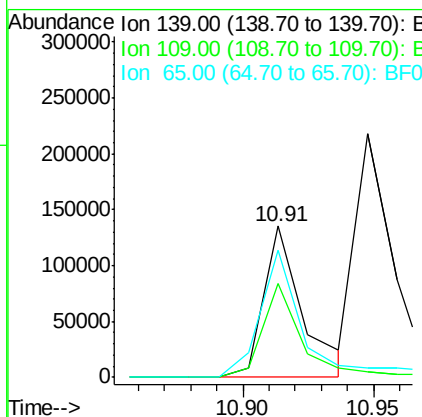
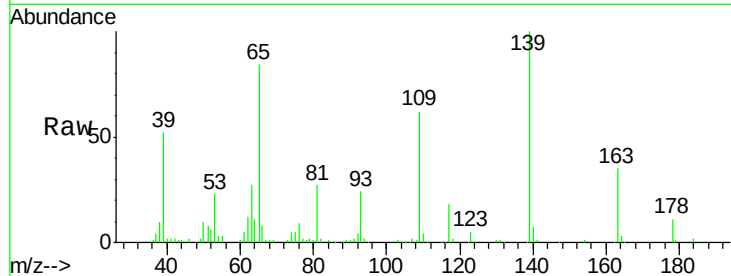
ClientSampleId :

PB83635BS

Tot Ion:	139	Resp:	142037
Ion Ratio	Lower	Upper	
139	100		
109	62.3	42.8	82.8
65	84.0	66.3	106.3

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#56

2,4-Dinitrotoluene

Concen: 36.50 ng

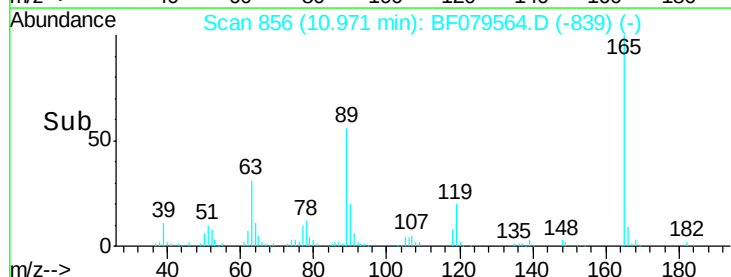
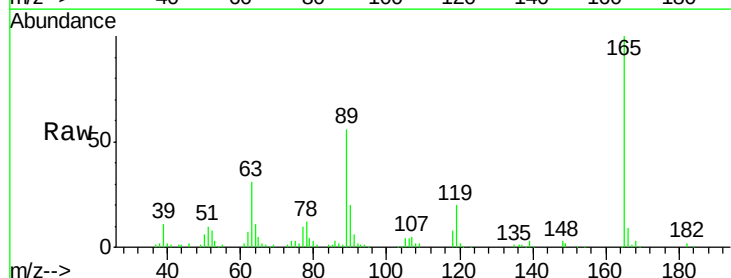
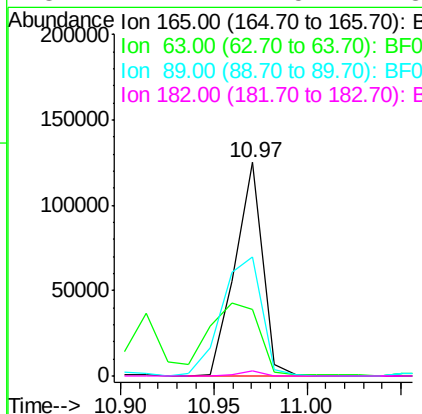
RT: 10.97 min Scan# 856

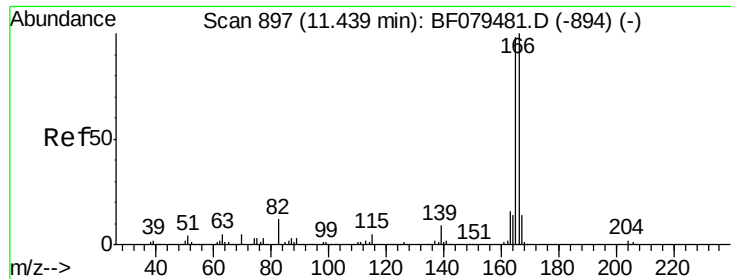
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	165	Resp:	129274
Ion Ratio	Lower	Upper	
165	100		
63	31.2	39.5	59.3#
89	55.9	64.2	96.4#
182	2.4	1.5	2.3#





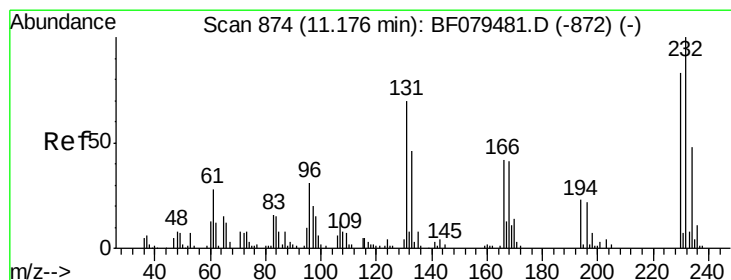
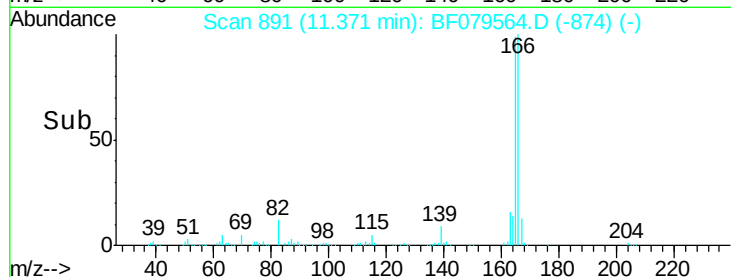
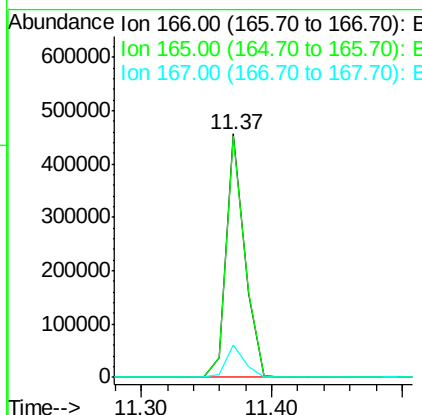
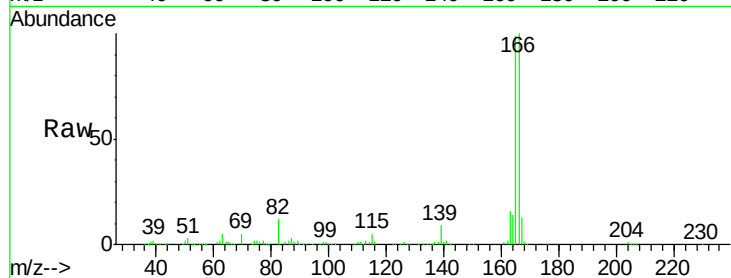
#57
 Fluorene
 Concen: 35.18 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	449179		
165	98.8	78.6	117.8	
167	13.5	10.8	16.2	

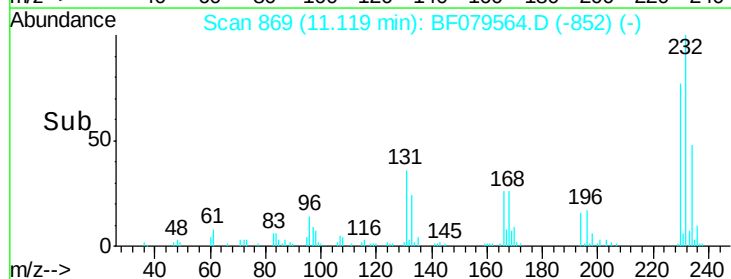
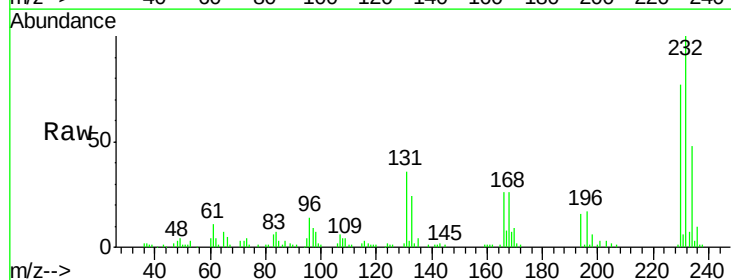
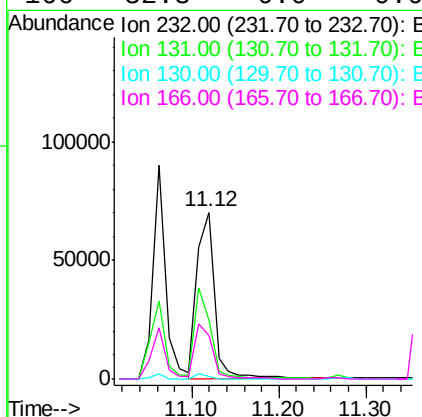
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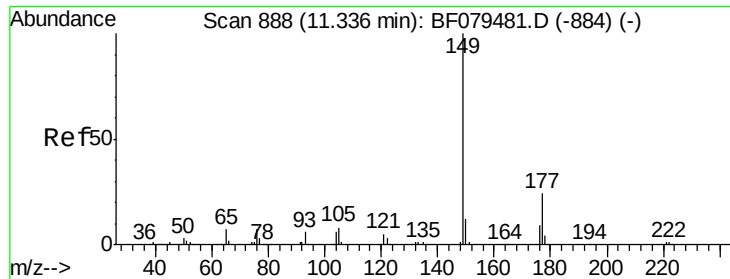
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.89 ng
 RT: 11.12 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	98706		
131	49.1	0.0	0.0#	
130	2.1	0.0	0.0#	
166	32.3	0.0	0.0#	





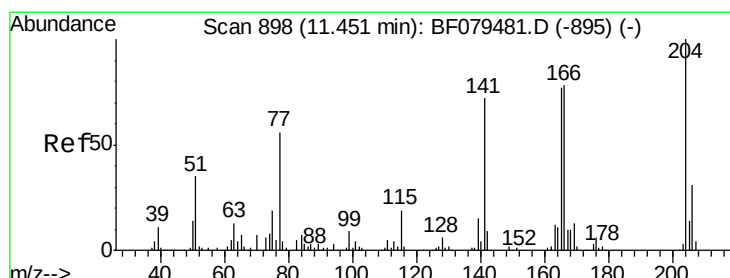
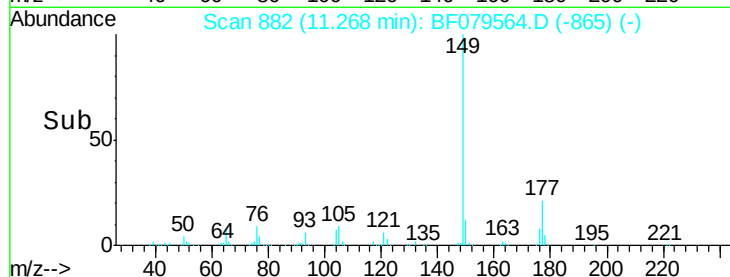
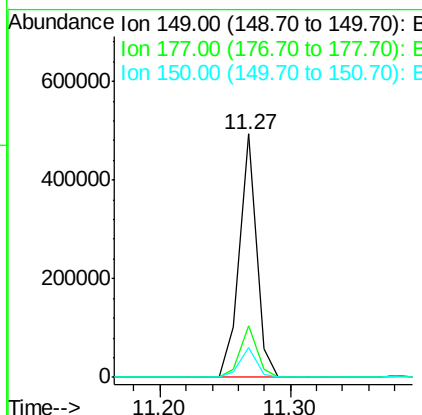
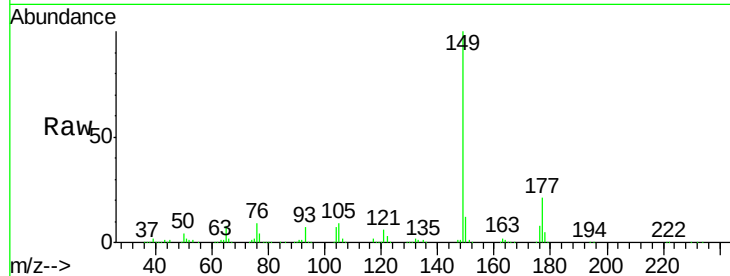
#59
Diethylphthalate
Concen: 34.75 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		449665		
177	21.0	18.9	28.3		
150	12.3	9.8	14.6		

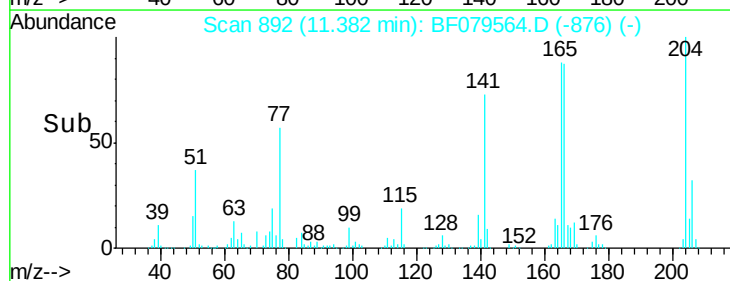
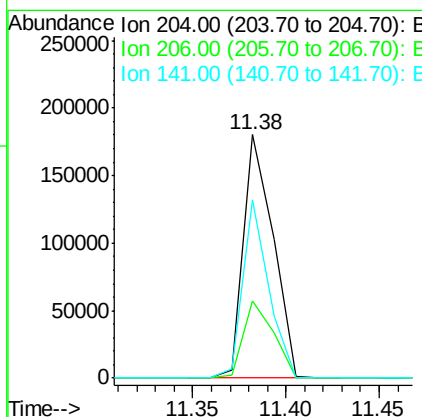
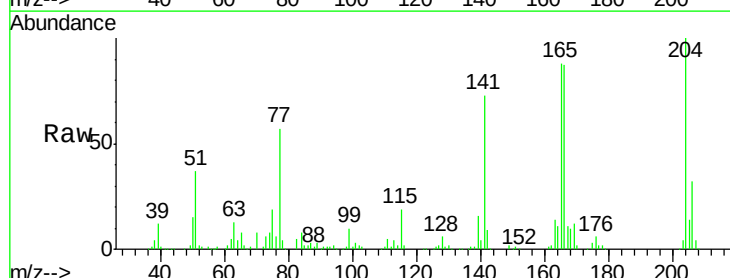
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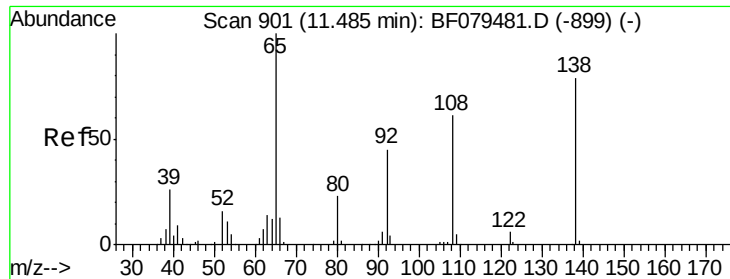
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#60
4-Chlorophenyl-phenylether
Concen: 36.12 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		199271		
206	31.8	25.0	37.4		
141	73.5	57.4	86.2		





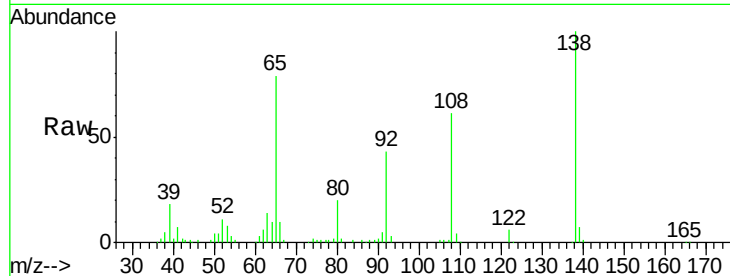
#61
4-Nitroaniline
Concen: 33.84 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.5	37.2	77.2
108	60.8	57.0	97.0

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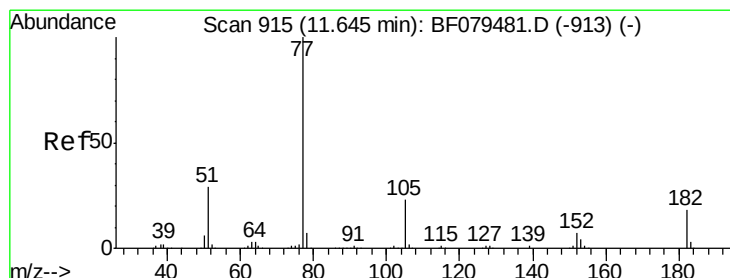
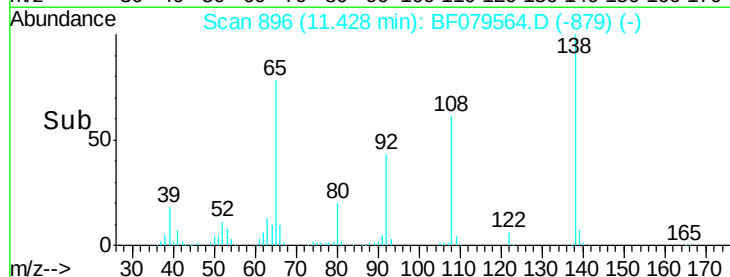
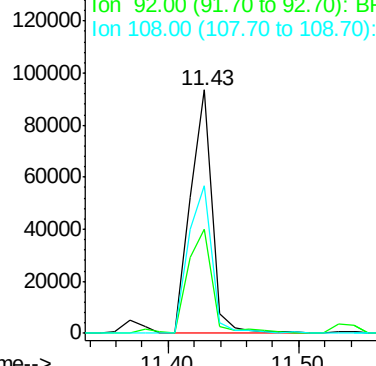


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 33.96 ng
RT: 11.58 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.1	0.0	37.7
105	22.6	2.7	42.7
51	30.2	8.9	48.9

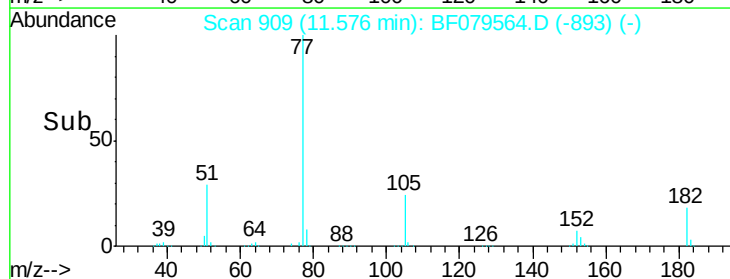
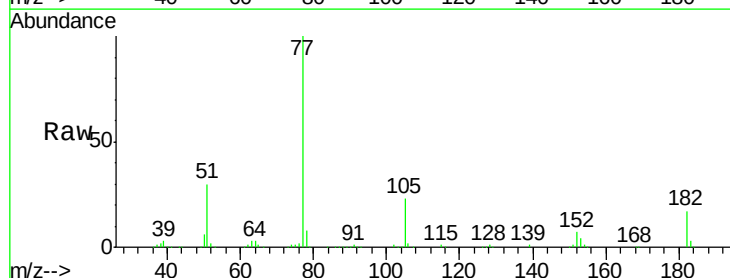
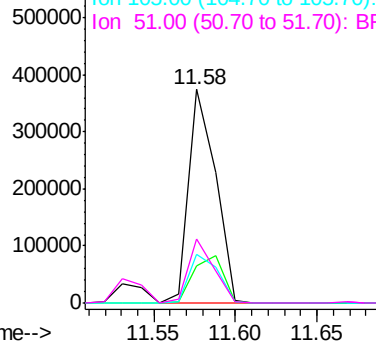
Abundance

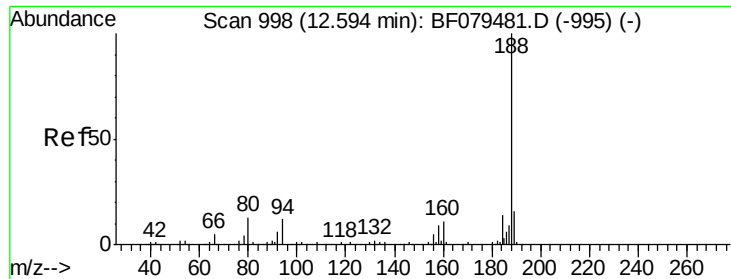
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





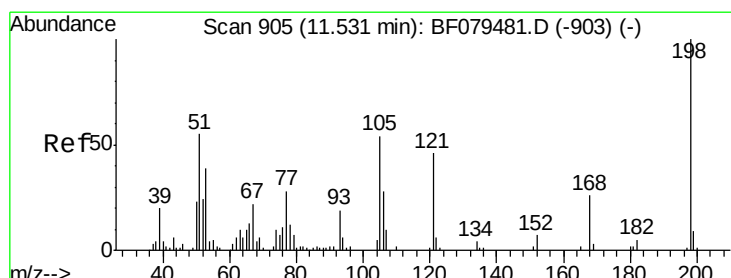
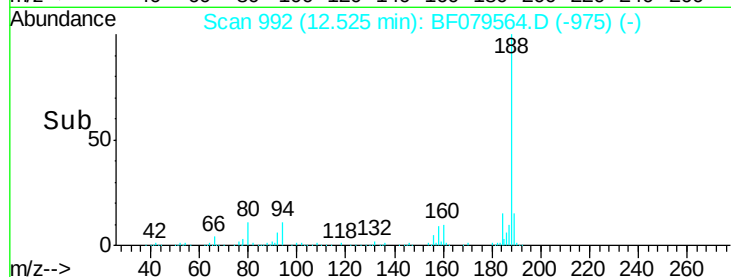
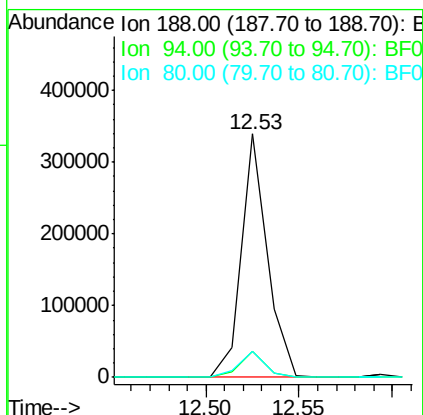
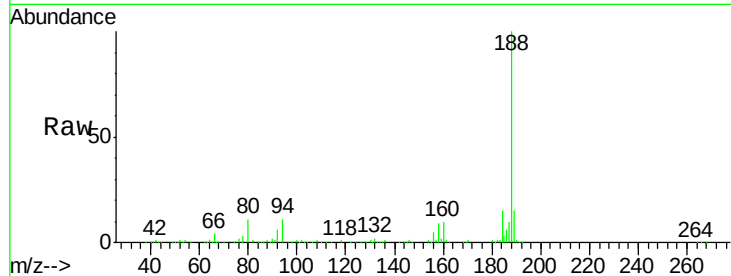
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.8	14.6	
80	10.9	10.5	15.7	

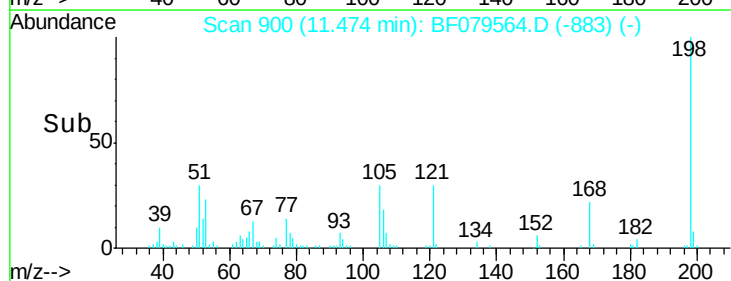
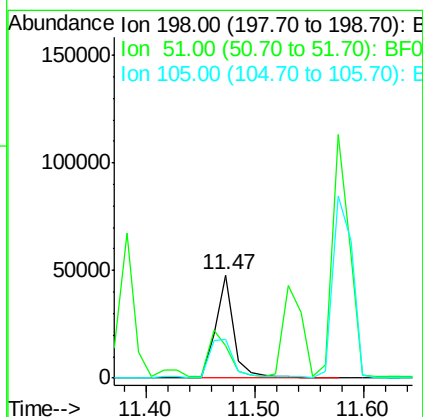
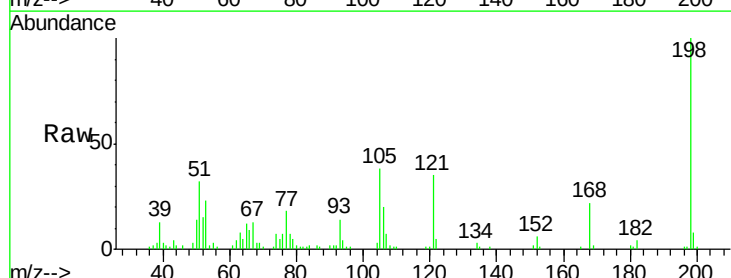
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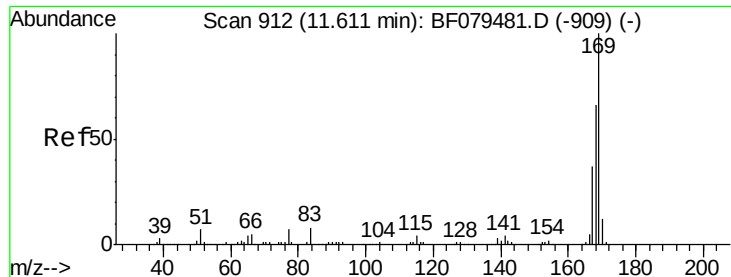
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.31 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	31.9	36.0	76.0#	
105	37.6	34.1	74.1	





#65

n-Nitrosodiphenylamine

Concen: 35.66 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

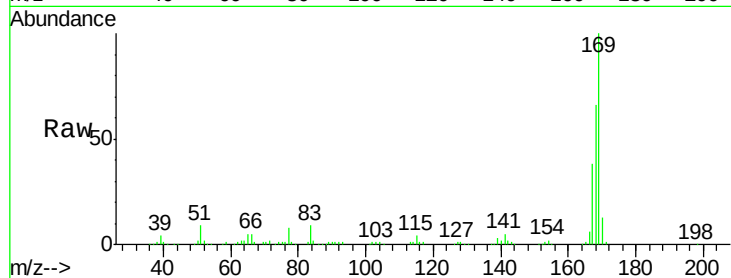
ClientSampleId :

PB83635BS

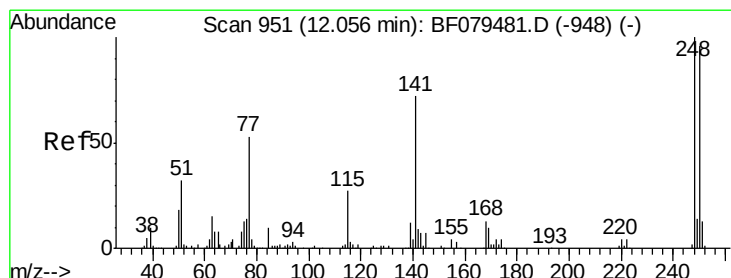
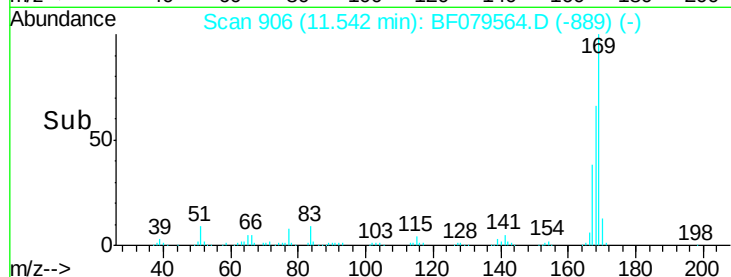
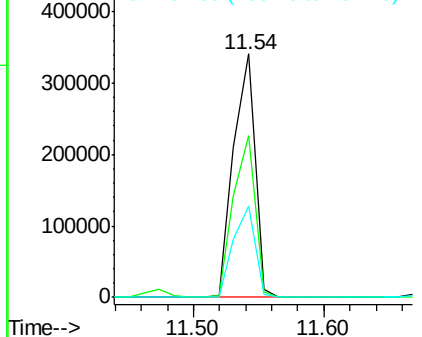
Tot Ion:	169	Resp:	388969
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.1	79.7
167	37.6	29.9	44.9

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.39 ng

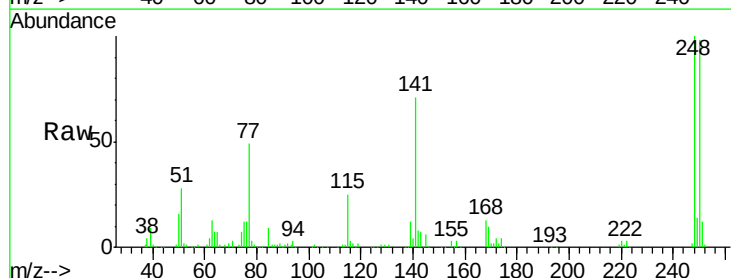
RT: 11.99 min Scan# 945

Delta R.T. -0.00 min

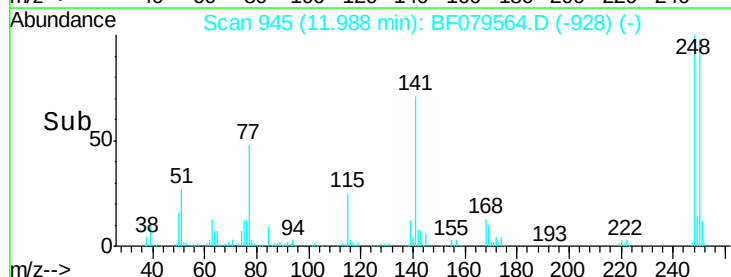
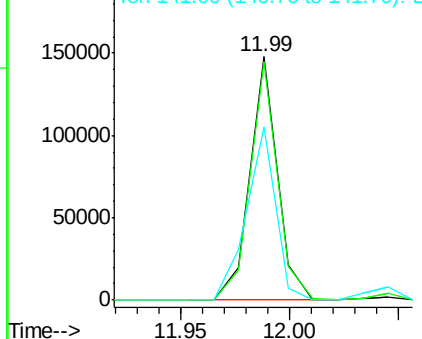
Lab File: BF079564.D

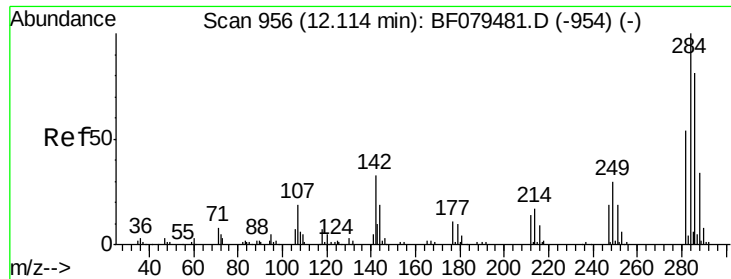
Acq: 29 May 2015 17:02

Tgt Ion:	248	Resp:	129822
Ion Ratio	Lower	Upper	
248	100		
250	97.8	76.8	115.2
141	70.9	57.7	86.5



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





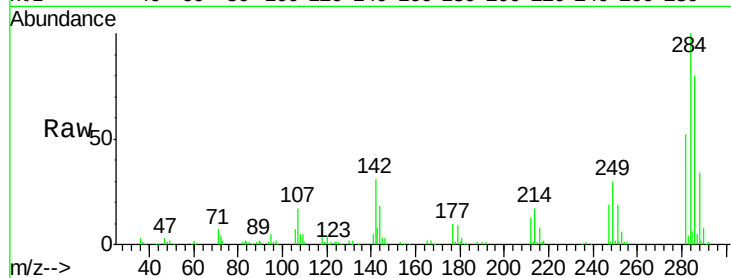
#67
Hexachlorobenzene
Concen: 37.21 ng
RT: 12.05 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

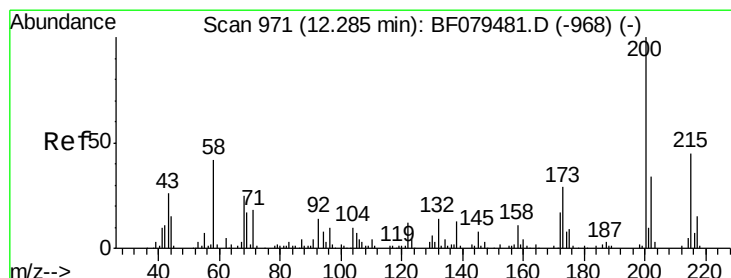
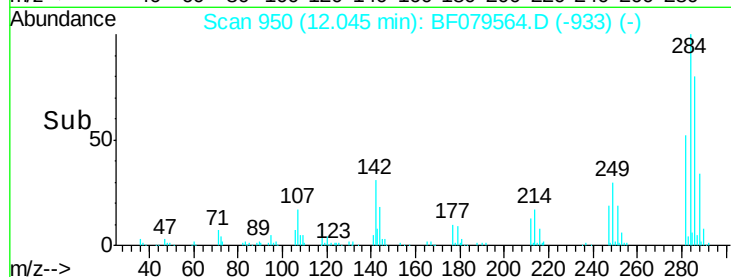
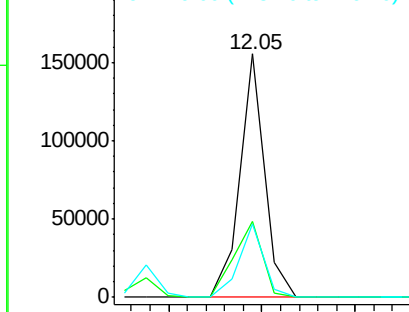
Tot Ion:	284	Resp:	143502
Ion Ratio	Lower	Upper	
284	100		
142	31.1	26.2	39.2
249	30.0	24.3	36.5

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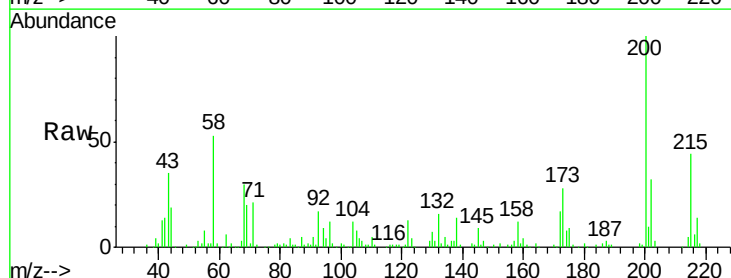


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

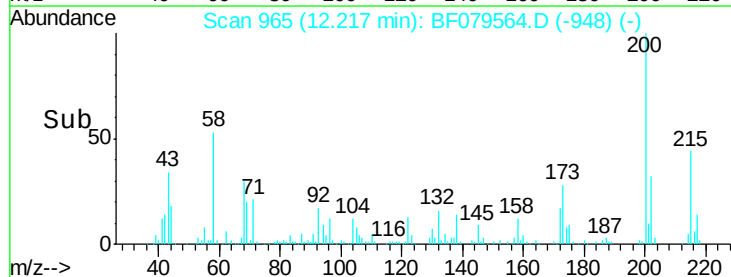
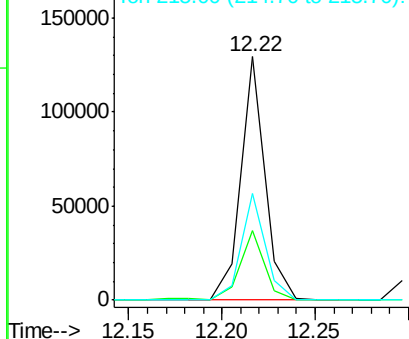


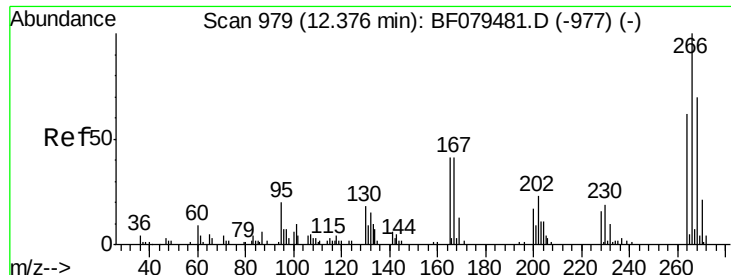
#68
Atrazine
Concen: 39.72 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion:	200	Resp:	117042
Ion Ratio	Lower	Upper	
200	100		
173	28.5	9.4	49.4
215	44.0	25.3	65.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





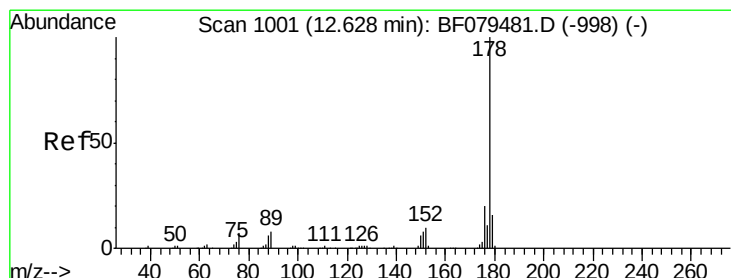
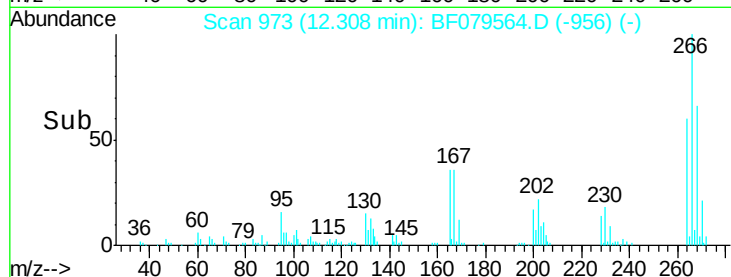
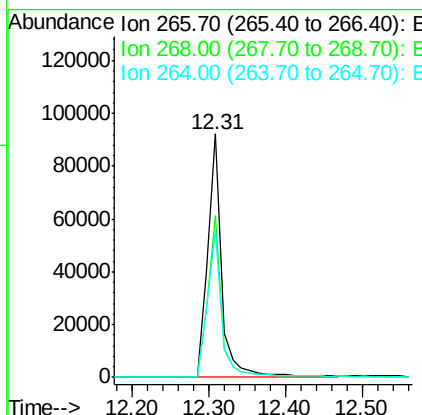
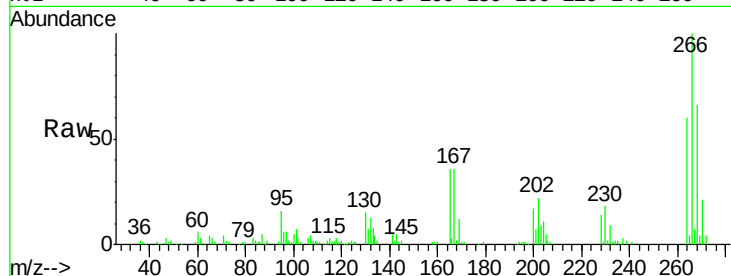
#69
 Pentachlorophenol
 Concen: 79.27 ng
 RT: 12.31 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	117096		
268	66.5	56.1	84.1	
264	60.3	50.0	75.0	

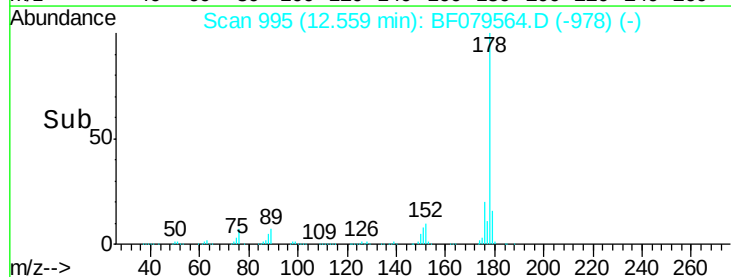
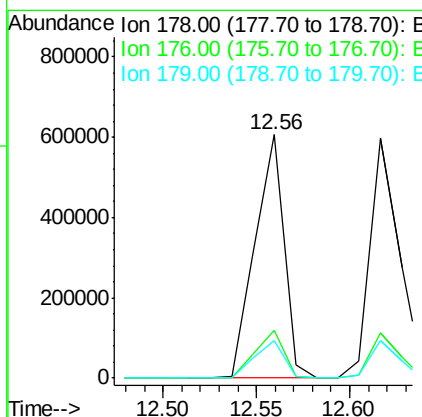
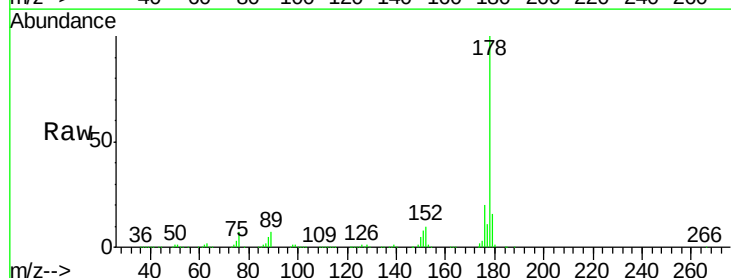
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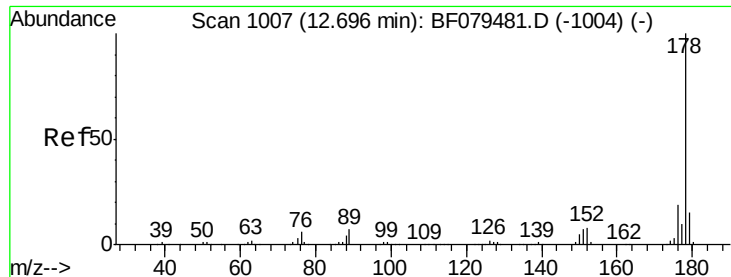
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#70
 Phenanthrene
 Concen: 36.12 ng
 RT: 12.56 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	650819		
176	19.8	15.7	23.5	
179	15.5	12.4	18.6	





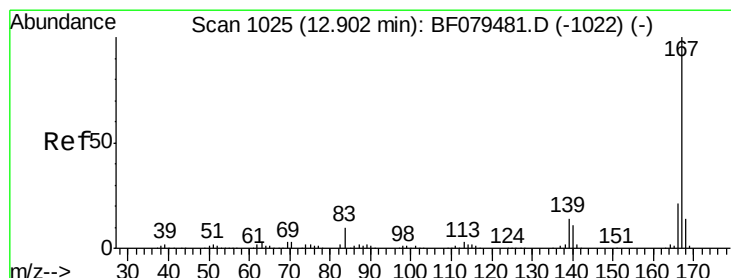
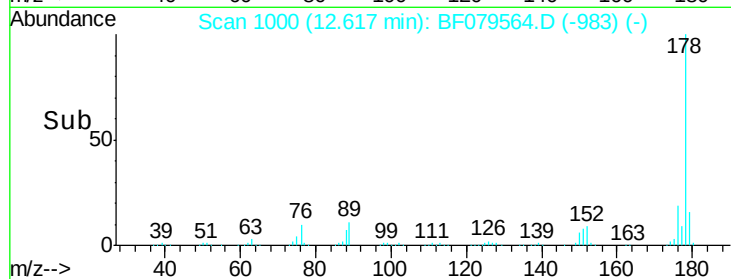
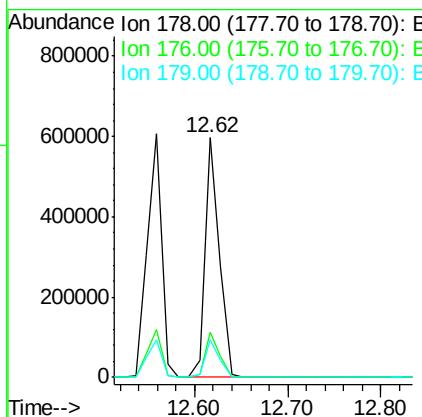
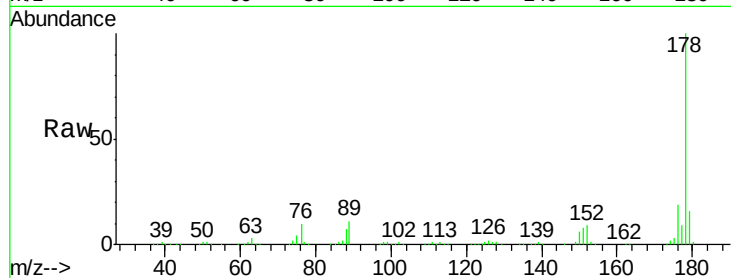
#71
 Anthracene
 Concen: 34.81 ng
 RT: 12.62 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	636686		
176	18.9		15.3	22.9
179	15.9		12.2	18.4

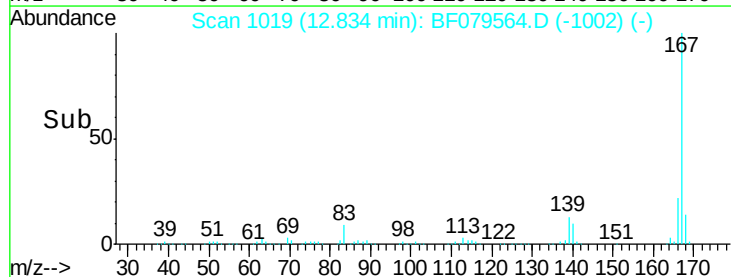
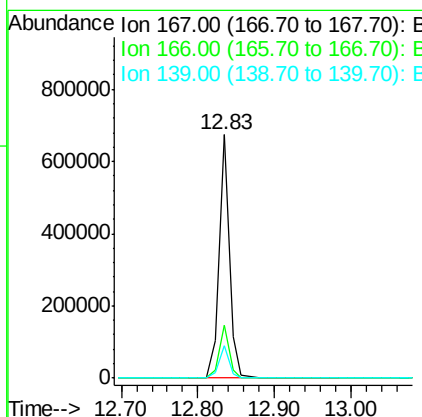
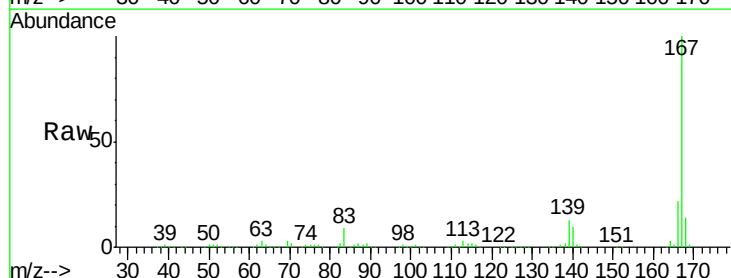
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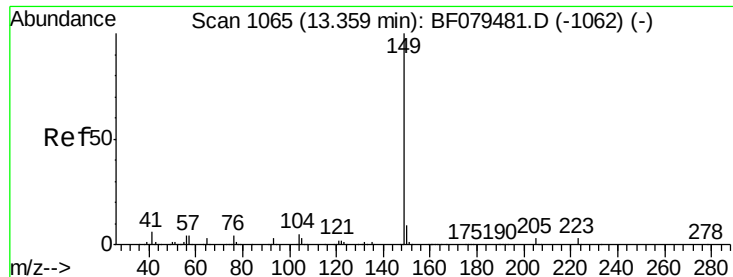
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#72
 Carbazole
 Concen: 35.41 ng
 RT: 12.83 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	623551		
166	21.9		17.0	25.4
139	13.4		11.2	16.8





#73

Di-n-butylphthalate

Concen: 36.07 ng

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

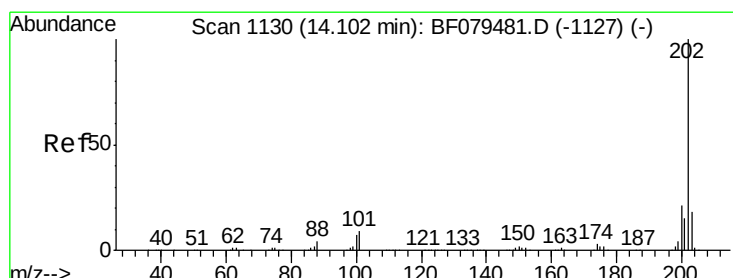
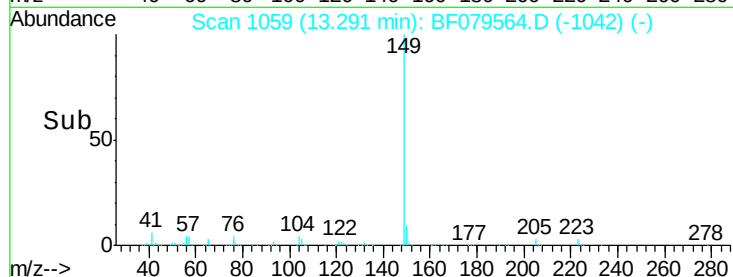
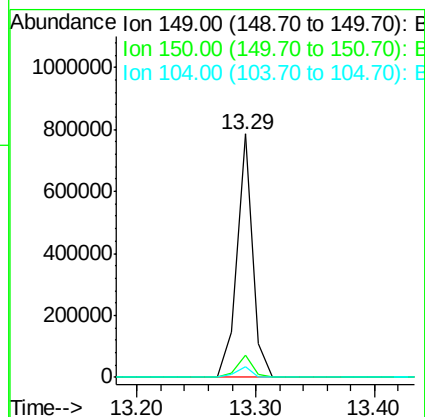
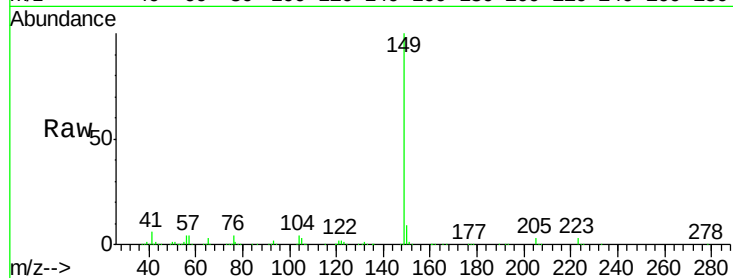
ClientSampleId :

PB83635BS

Tot Ion:	149	Resp:	718122
Ion Ratio		Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.4	3.6	5.4

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#74

Fluoranthene

Concen: 33.81 ng

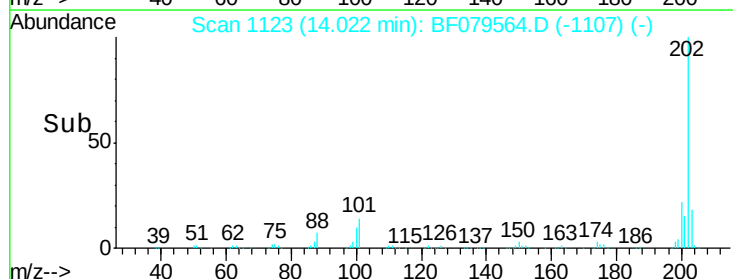
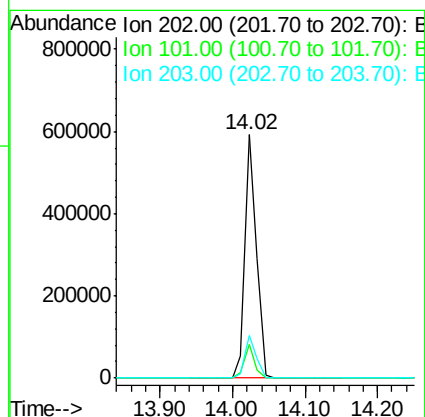
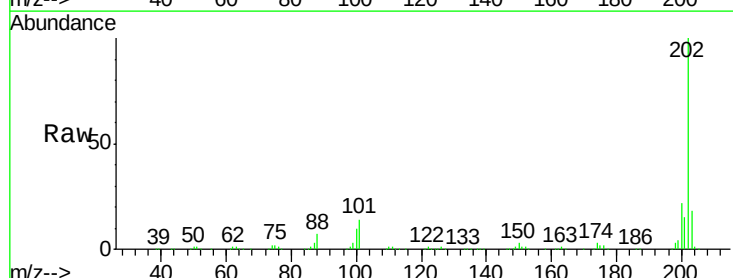
RT: 14.02 min Scan# 1123

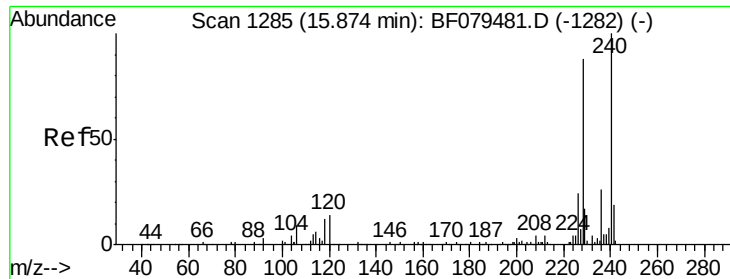
Delta R.T. -0.01 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	202	Resp:	653230
Ion Ratio		Lower	Upper
202	100		
101	13.8	0.0	29.3
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

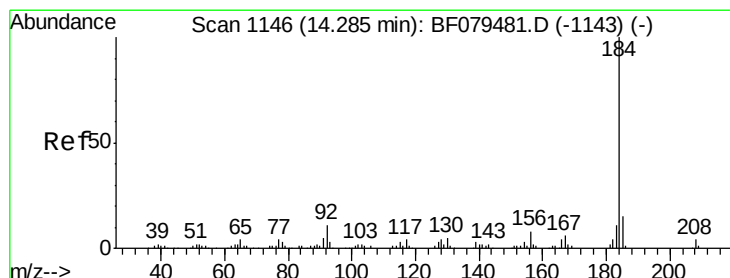
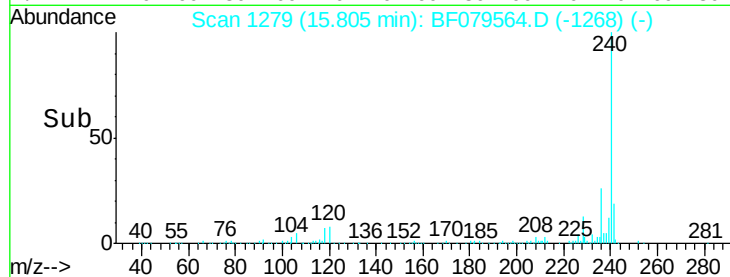
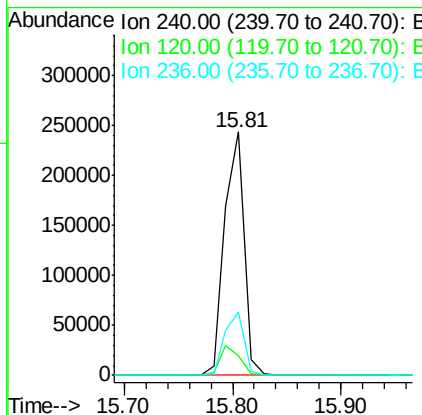
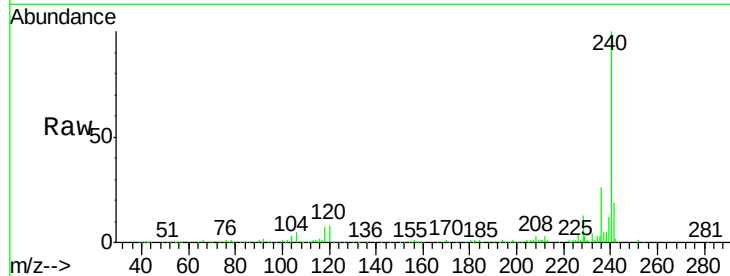
ClientSampleId :

PB83635BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	10.8	16.2#
236	26.2	21.0	31.6

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#76

Benzidine

Concen: 49.38 ng

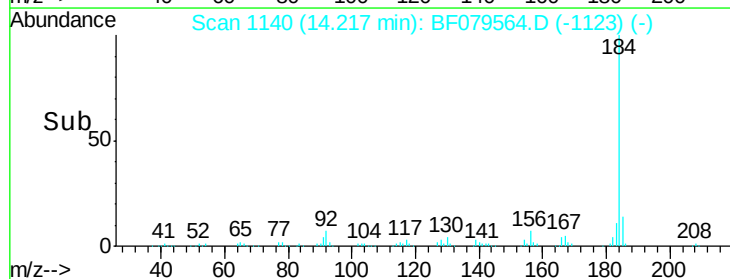
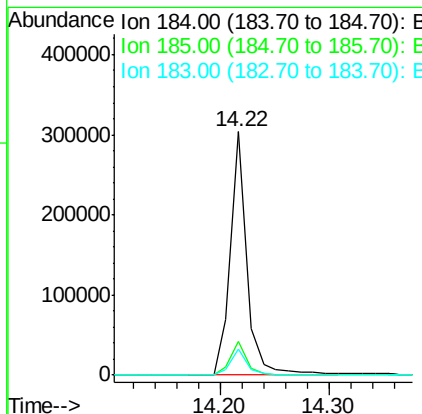
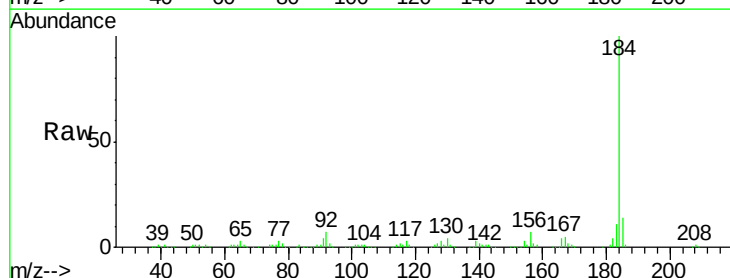
RT: 14.22 min Scan# 1140

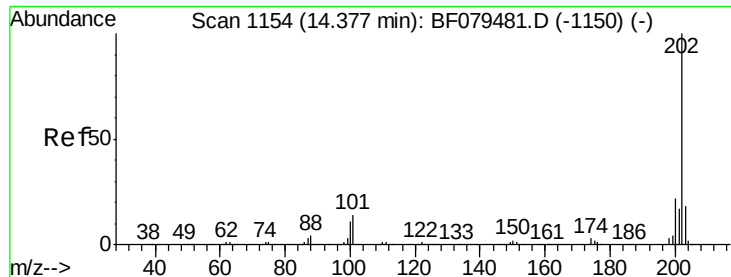
Delta R.T. -0.00 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.1	18.1
183	10.9	8.6	12.8





#77

Pvrene

Concen: 36.04 ng

RT: 14.30 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

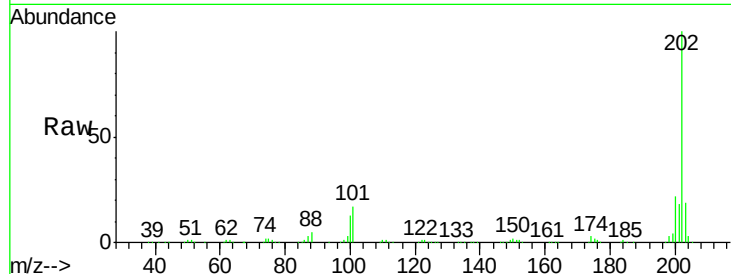
ClientSampleId :

PB83635BS

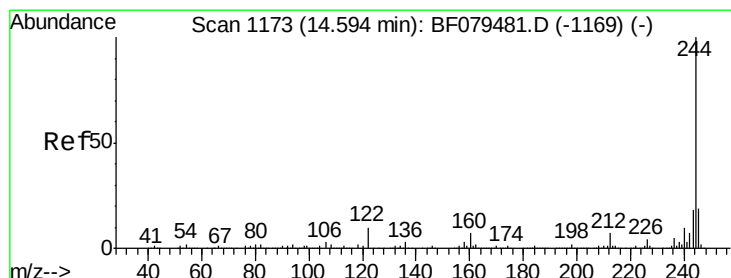
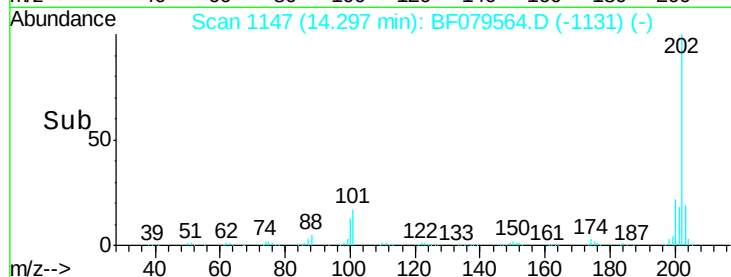
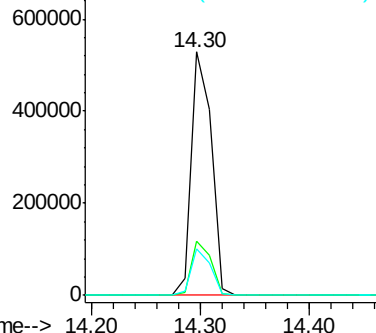
Tot Ion:	202	Resp:	677839
Ion Ratio		Lower	Upper
202	100		
200	22.4	17.5	26.3
203	19.1	14.4	21.6

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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: 70.31 ng

RT: 14.51 min Scan# 1166

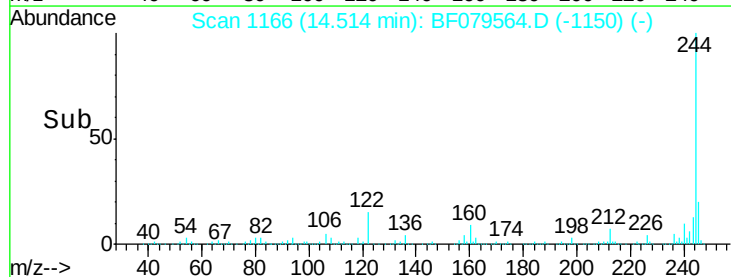
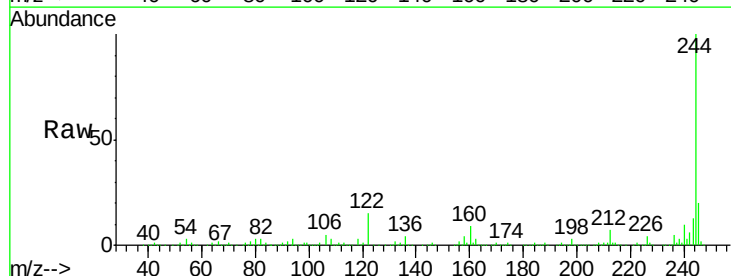
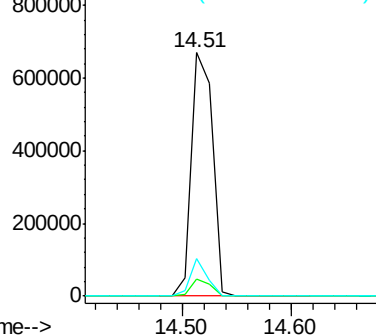
Delta R.T. -0.01 min

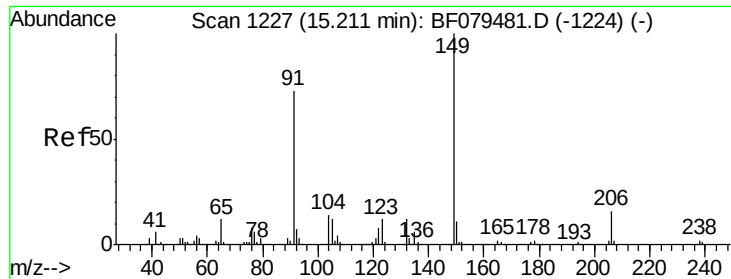
Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	244	Resp:	909469
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.2	7.8
122	15.3	8.0	12.0#

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





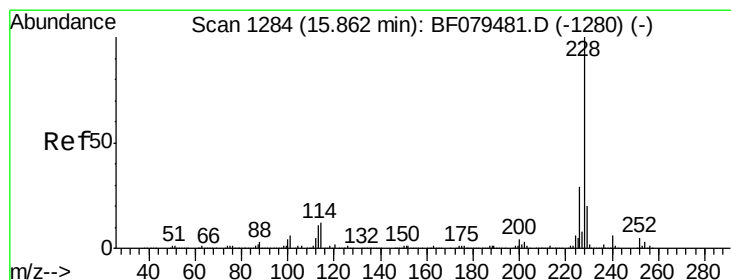
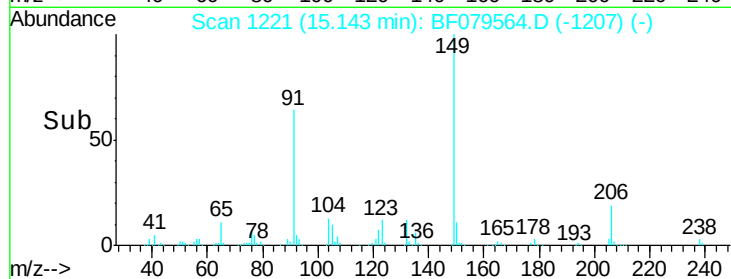
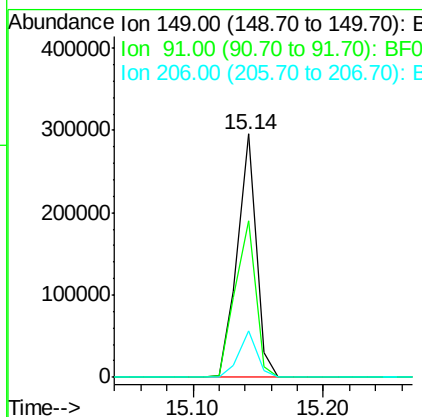
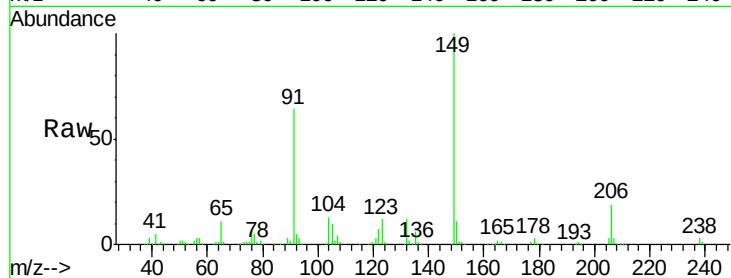
#79
Butylbenzylphthalate
Concen: 35.16 ng
RT: 15.14 min Scan# 1221
Delta R.T. -0.03 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		297409		
91	64.2	58.1	87.1		
206	19.1	13.1	19.7		

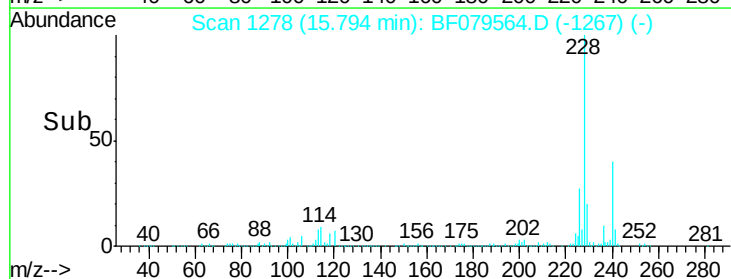
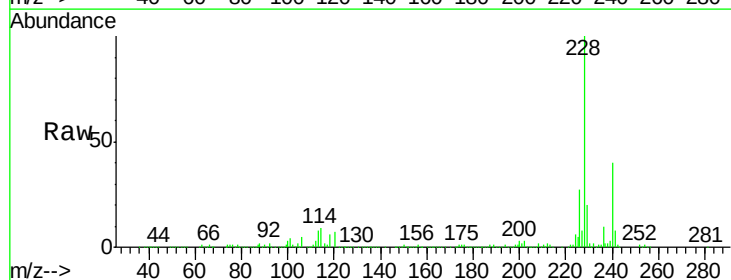
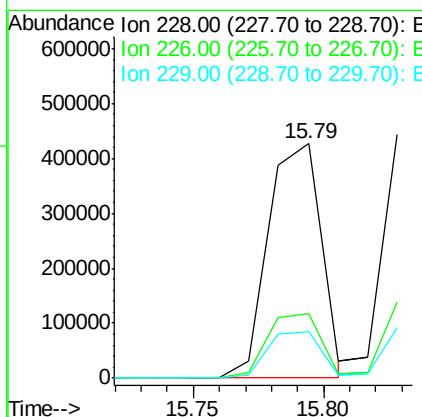
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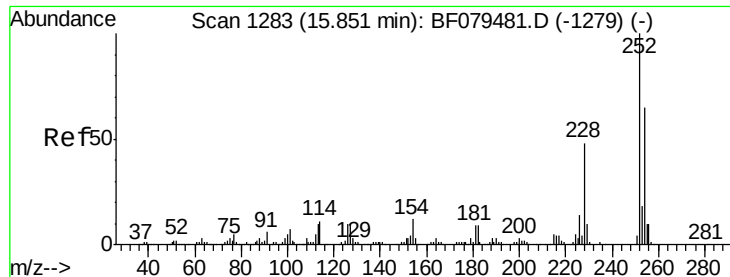
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#80
Benzo(a)anthracene
Concen: 34.41 ng
RT: 15.79 min Scan# 1278
Delta R.T. -0.07 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		600843		
226	27.3	22.8	34.2		
229	19.6	15.9	23.9		





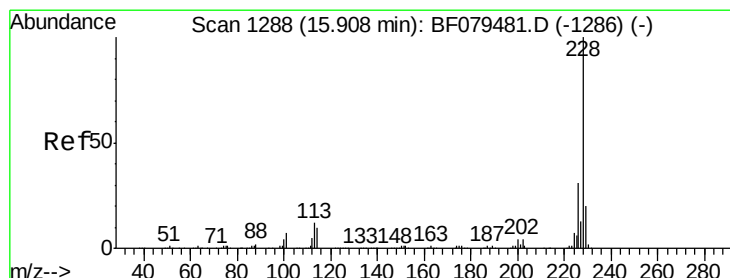
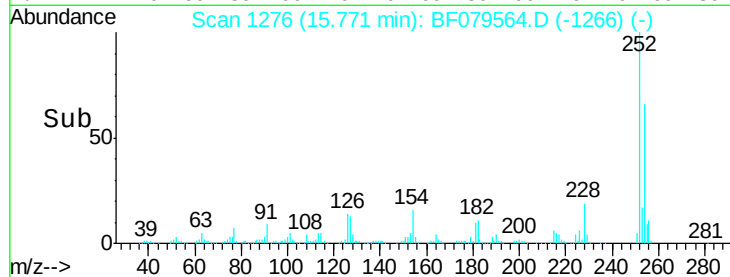
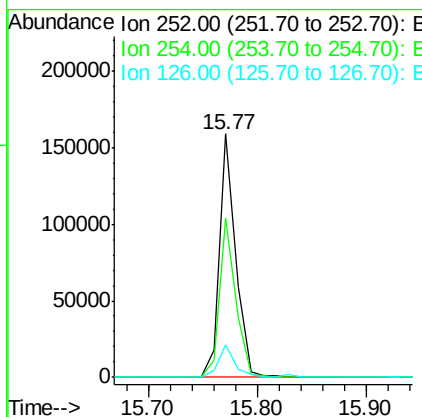
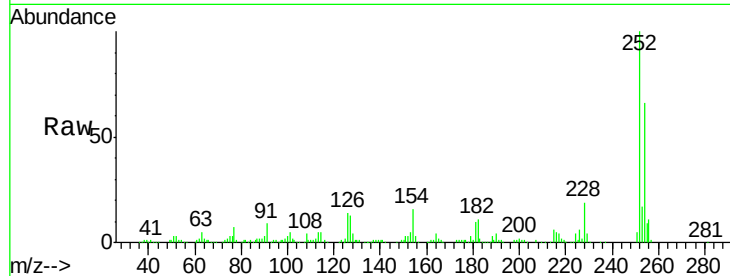
#81
 3,3'-Dichlorobenzidine
 Concen: 25.98 ng
 RT: 15.77 min Scan# 1276
 Delta R.T. -0.08 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	52.1	78.1
126	13.5	8.2	12.2

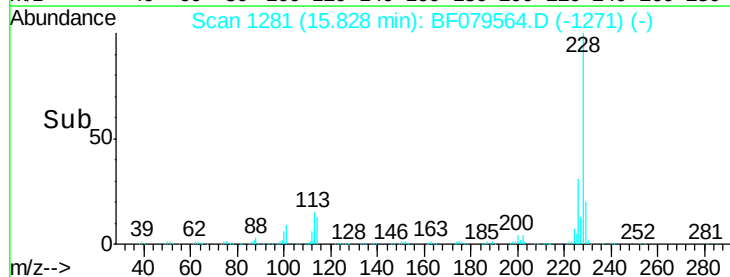
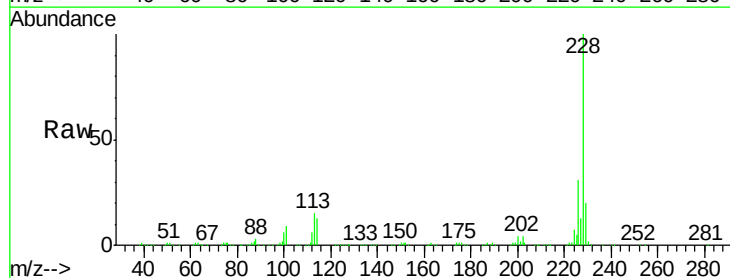
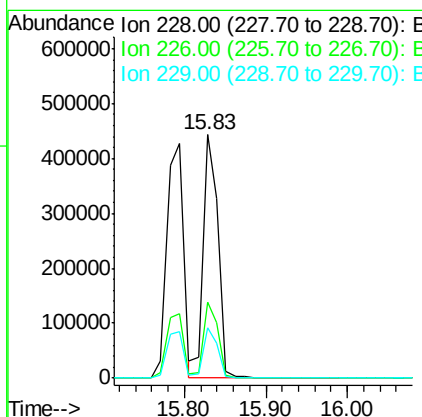
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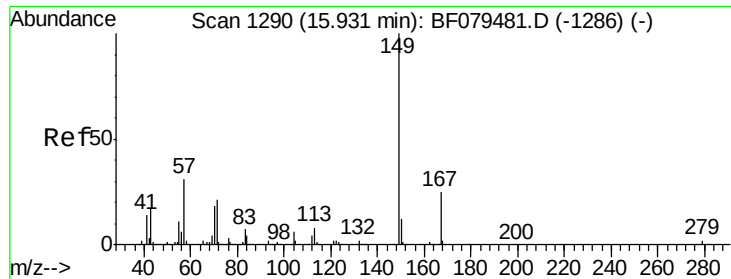
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#82
 Chrysene
 Concen: 34.50 ng
 RT: 15.83 min Scan# 1281
 Delta R.T. -0.08 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.0	37.4
229	20.4	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.00 ng

RT: 15.86 min Scan# 1284

Delta R.T. -0.09 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

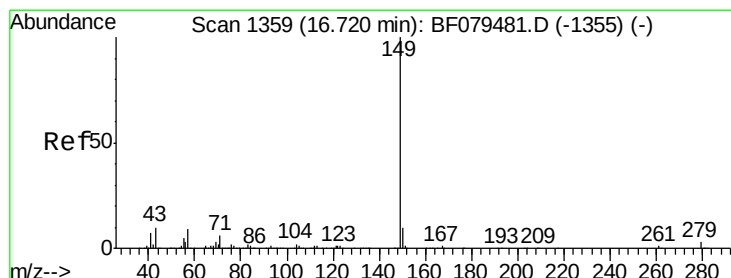
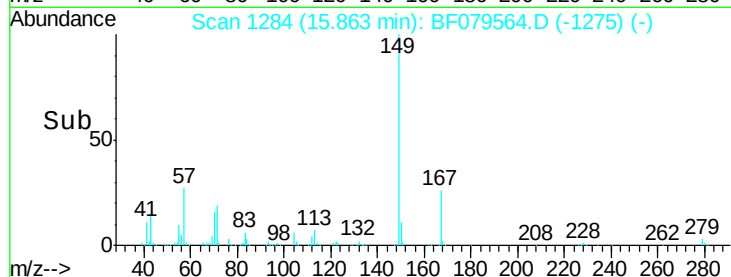
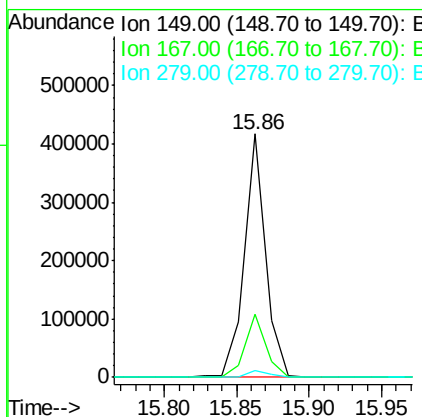
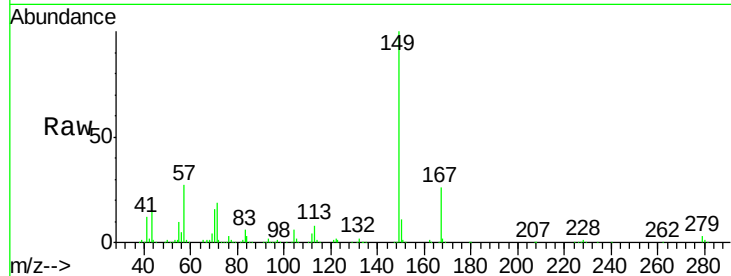
ClientSampleId :

PB83635BS

Tot Ion:	149	Resp:	424130
Ion Ratio		Lower	Upper
149	100		
167	26.1	20.2	30.4
279	2.7	2.0	3.0

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#84

Di-n-octyl phthalate

Concen: 34.23 ng

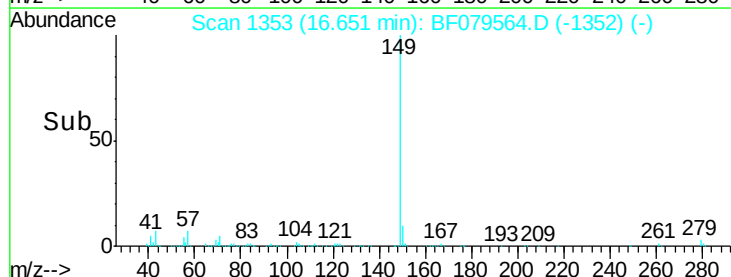
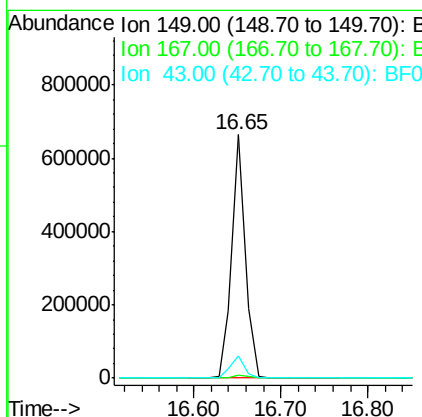
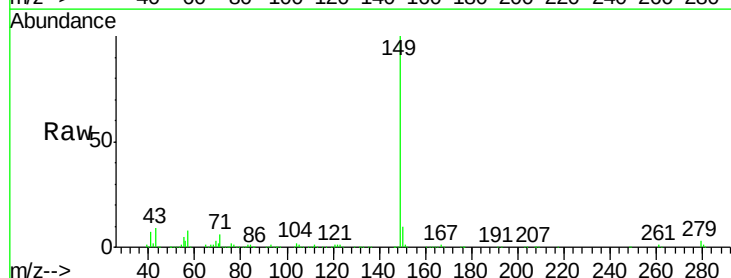
RT: 16.65 min Scan# 1353

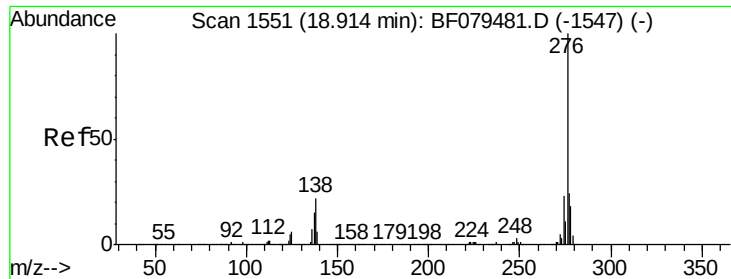
Delta R.T. -0.18 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Tgt Ion:	149	Resp:	721998
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	7.8	11.6





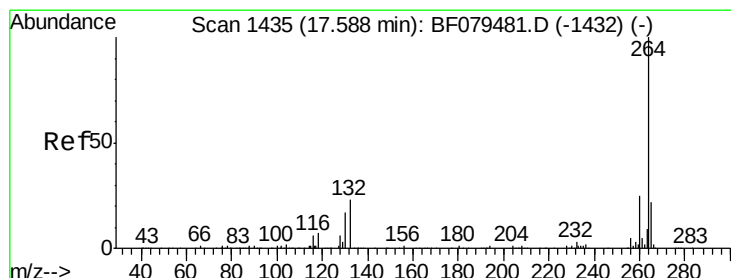
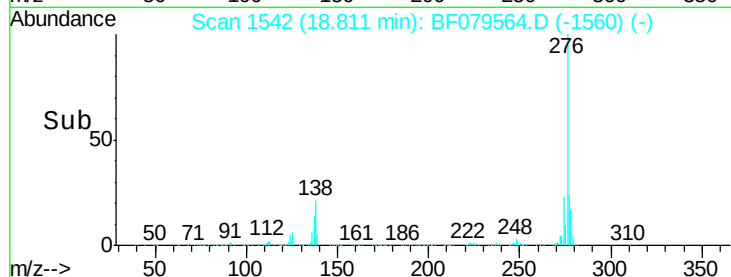
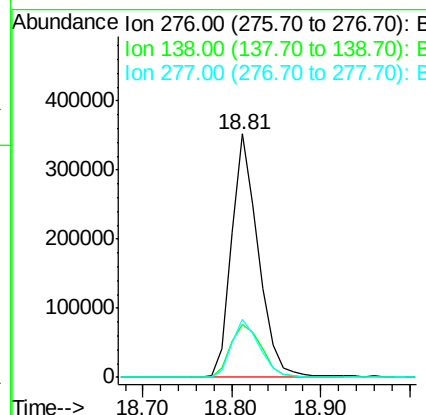
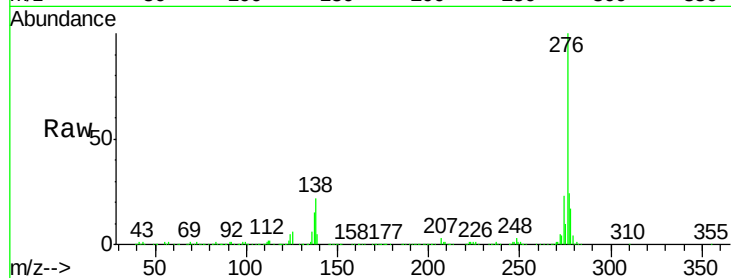
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.27 ng m
 RT: 18.81 min Scan# 1542
 Delta R.T. -0.40 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	21.4	32.2#
277	20.1	19.8	29.6

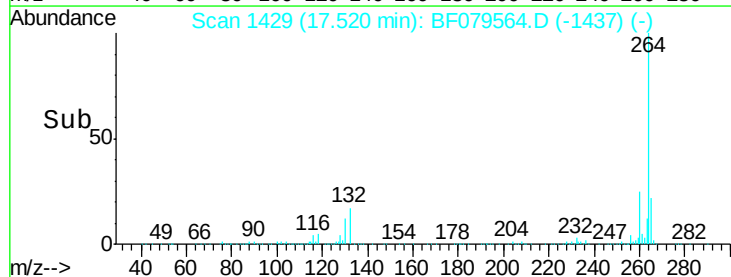
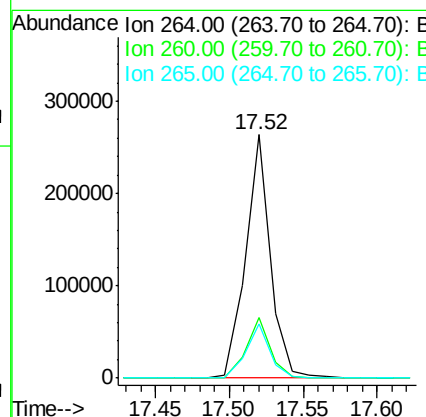
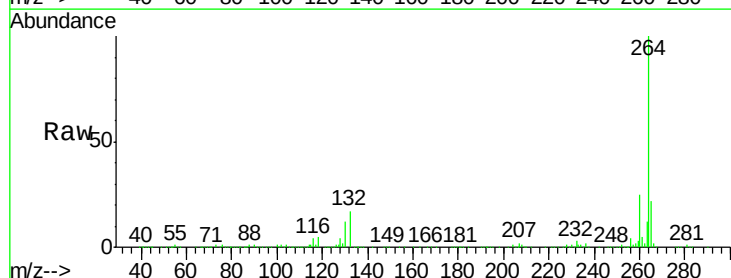
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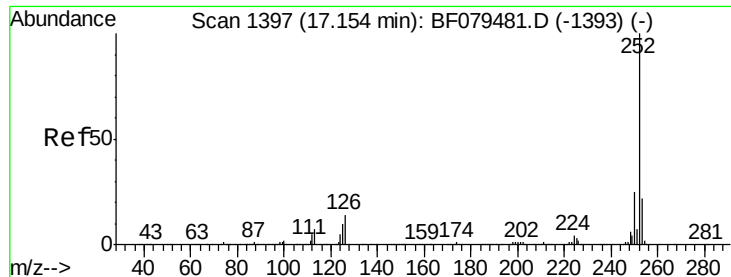
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#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 17.52 min Scan# 1429
 Delta R.T. -0.29 min
 Lab File: BF079564.D
 Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.1	17.8	26.6





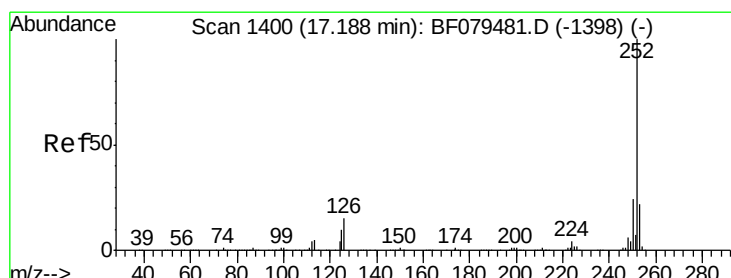
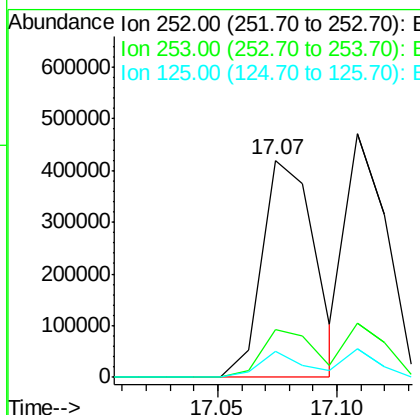
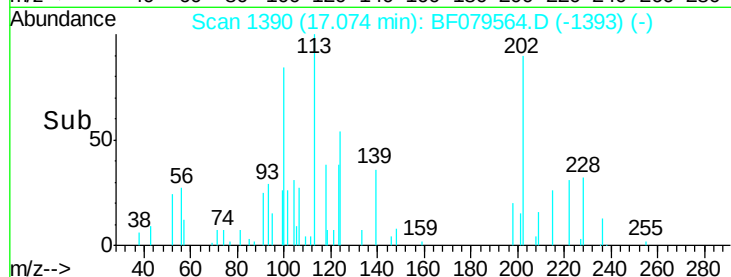
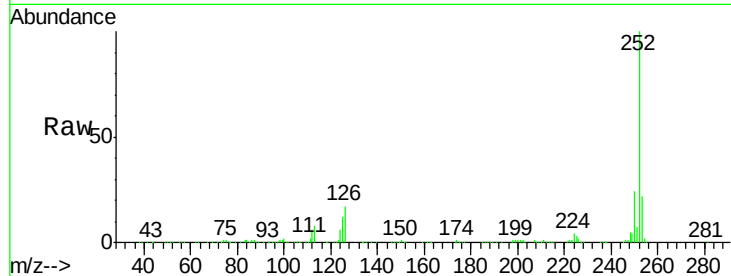
#87
Benzo(b)fluoranthene
Concen: 37.02 ng m
RT: 17.07 min Scan# 1390
Delta R.T. -0.23 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.3	7.8	11.6

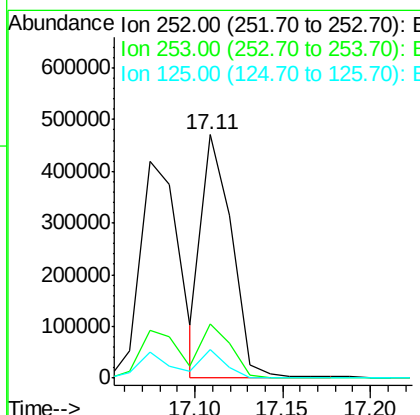
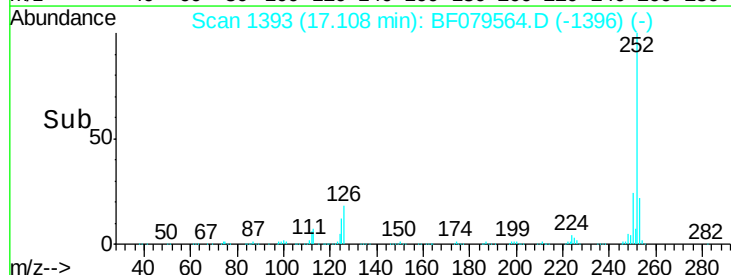
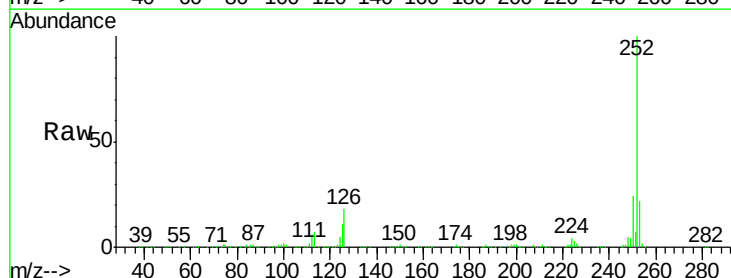
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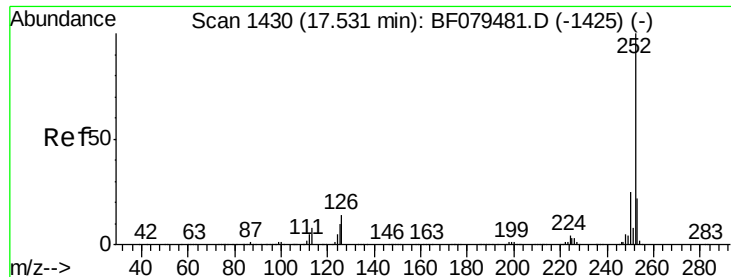
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#88
Benzo(k)fluoranthene
Concen: 36.04 ng m
RT: 17.11 min Scan# 1393
Delta R.T. -0.23 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.5	6.8	10.2





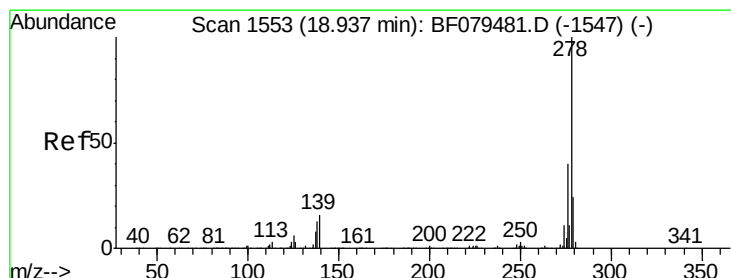
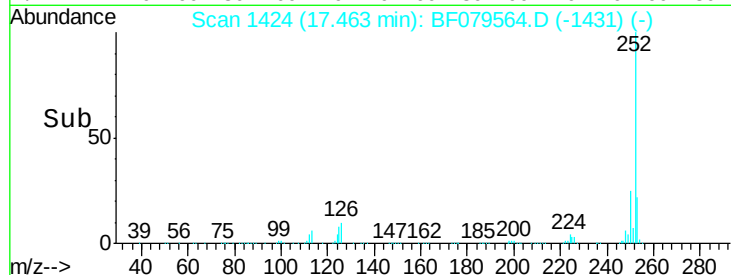
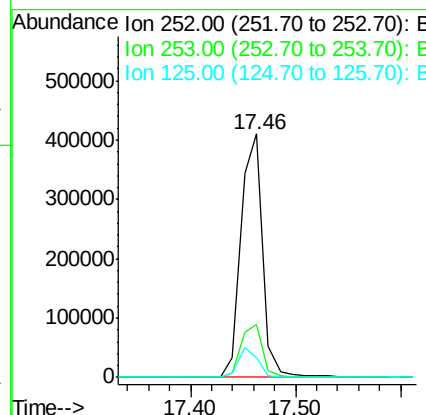
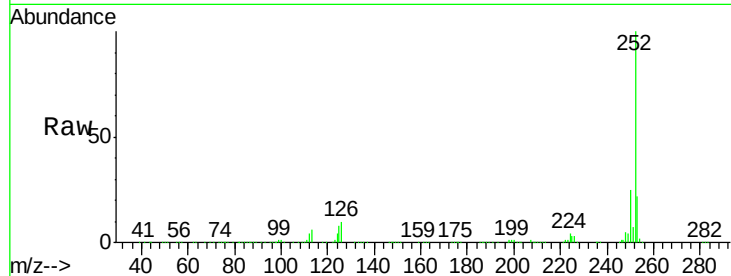
#89
Benzo(a)pyrene
Concen: 38.12 ng m
RT: 17.46 min Scan# 1424
Delta R.T. -0.27 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.0	7.9	11.9

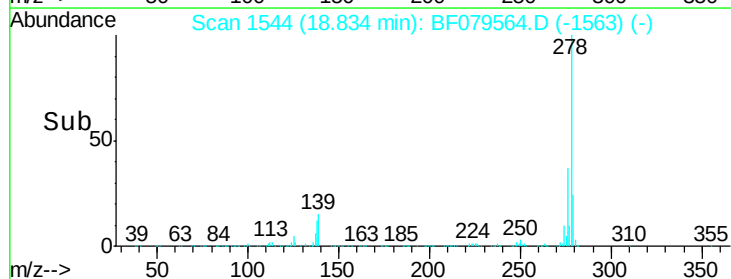
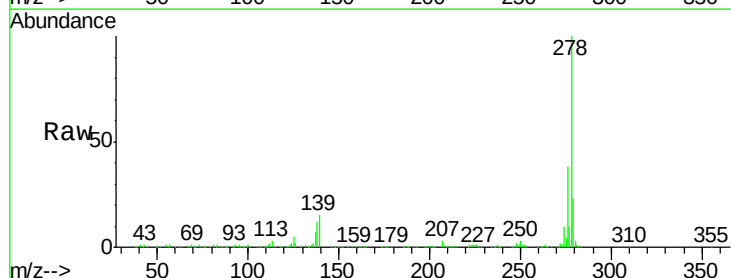
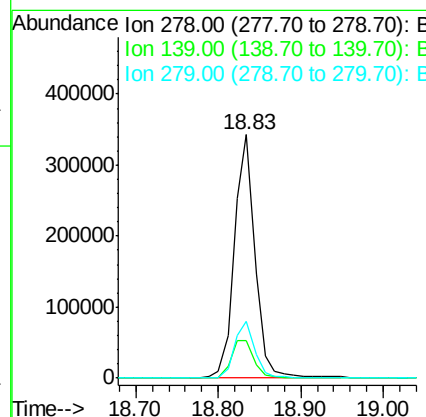
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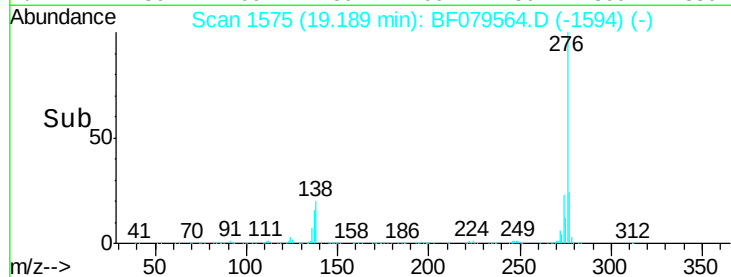
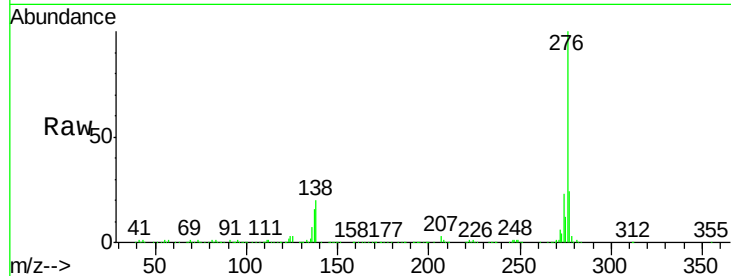
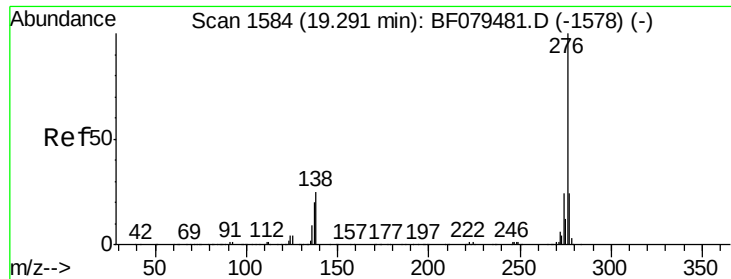
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#90
Dibenzo(a,h)anthracene
Concen: 36.91 ng m
RT: 18.83 min Scan# 1544
Delta R.T. -0.41 min
Lab File: BF079564.D
Acq: 29 May 2015 17:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.8	19.2
279	23.5	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 38.62 ng m

RT: 19.19 min Scan# 1575

Delta R.T. -0.41 min

Lab File: BF079564.D

Acq: 29 May 2015 17:02

Instrument :

BNA_F

ClientSampleId :

PB83635BS

Tot Ion:	276	Resp:	621311
Ion Ratio		Lower	Upper
276	100		
277	23.5	19.1	28.7
138	19.6	20.1	30.1#

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