

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\
 Data File : BF079381.D
 Acq On : 20 May 2015 16:36
 Operator : TP/IZ
 Sample : PB83494BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Manual Integrations
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 5/21/2015 4:27:34 PM

Quant Time: May 21 01:24:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	69449	20.00	ng	0.00
21) Naphthalene-d8	8.66	136	278986	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	140801	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	269388	20.00	ng	0.00
75) Chrysene-d12	15.97	240	274241	20.00	ng	-0.01
86) Perylene-d12	17.76	264	280925	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	465241m	115.31	ng	0.00
7) Phenol-d6	6.66	99	565785	106.09	ng	0.00
23) Nitrobenzene-d5	7.78	82	331081	68.20	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	175665	115.33	ng	0.00
44) 2-Fluorobiphenyl	10.01	172	674444	66.74	ng	0.00
78) Terphenyl-d14	14.66	244	807504	70.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	53002m	30.21	ng	
3) Pyridine	2.64	79	171613m	33.43	ng	
4) n-Nitrosodimethylamine	2.56	42	81896m	37.23	ng	
6) Aniline	6.67	93	141979m	18.86	ng	
8) 2-Chlorophenol	6.82	128	168915	36.91	ng	87
9) Benzaldehyde	6.54	77	32733m	9.11	ng	
10) Phenol	6.68	94	210870	34.09	ng	87
11) bis(2-Chloroethyl)ether	6.79	93	155239	34.23	ng	99
12) 1,3-Dichlorobenzene	7.00	146	179348	34.87	ng	# 90
13) 1,4-Dichlorobenzene	7.11	146	182608	34.50	ng	99
14) 1,2-Dichlorobenzene	7.29	146	173411	35.19	ng	99
15) Benzyl Alcohol	7.28	79	135864	34.32	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.46	45	231198	33.32	ng	92
17) 2-Methylphenol	7.43	107	135376	36.76	ng	94
18) Hexachloroethane	7.70	117	62388	34.22	ng	# 83
19) n-Nitroso-di-n-propylamine	7.61	70	123030	34.16	ng	99
20) 3+4-Methylphenols	7.62	107	178547	36.39	ng	# 46
22) Acetophenone	7.60	105	233888	37.11	ng	# 90
24) Nitrobenzene	7.80	77	170122	35.36	ng	92
25) Isophorone	8.11	82	318528	35.39	ng	98
26) 2-Nitrophenol	8.20	139	79303	39.82	ng	94
27) 2,4-Dimethylphenol	8.27	122	158831	39.86	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	197735	35.64	ng	99
29) 2,4-Dichlorophenol	8.50	162	143677	40.54	ng	93
30) 1,2,4-Trichlorobenzene	8.60	180	140960	36.21	ng	97
31) Naphthalene	8.70	128	482261	36.28	ng	99
32) Benzoic acid	8.39	122	91406m	38.11	ng	
33) 4-Chloroaniline	8.78	127	110901	19.72	ng	# 88
34) Hexachlorobutadiene	8.84	225	78982	35.23	ng	97
35) Caprolactam	9.20	113	43941m	38.35	ng	
36) 4-Chloro-3-methylphenol	9.38	107	141423	37.99	ng	86
37) 2-Methylnaphthalene	9.55	142	346621	37.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	135576	34.19	ng	99
40) Hexachlorocyclopentadiene	9.74	237	101273	50.79	ng	94

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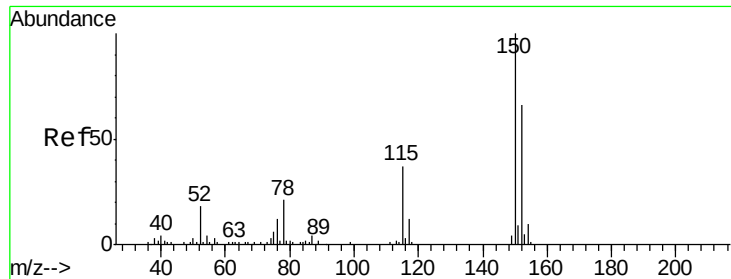
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.91	196	96141	35.27	nq	98
43) 2,4,5-Trichlorophenol	9.95	196	101093	36.68	nq #	92
45) 1,1'-Biphenyl	10.14	154	404195	36.11	nq	99
46) 2-Chloronaphthalene	10.15	162	297964	34.13	nq	98
47) 2-Nitroaniline	10.28	65	89093	35.22	nq #	85
48) Acenaphthylene	10.66	152	508989	35.51	nq	98
49) Dimethylphthalate	10.52	163	372774	36.07	nq	99
50) 2,6-Dinitrotoluene	10.59	165	74563	36.56	nq #	45
51) Acenaphthene	10.88	154	294784	34.48	nq	99
52) 3-Nitroaniline	10.80	138	64757	25.42	nq	83
53) 2,4-Dinitrophenol	10.94	184	43350	60.40	nq #	81
54) Dibenzofuran	11.10	168	443868	35.95	nq	94
55) 4-Nitrophenol	11.03	139	127961	63.46	nq #	73
56) 2,4-Dinitrotoluene	11.10	165	103575	38.42	nq #	90
57) Fluorene	11.52	166	363091	35.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.24	232	79284	35.20	nq	100
59) Diethylphthalate	11.41	149	372692	36.40	nq	96
60) 4-Chlorophenyl-phenylether	11.53	204	159256	35.42	nq #	87
61) 4-Nitroaniline	11.55	138	92041	36.11	nq	92
62) Azobenzene	11.73	77	367129	36.39	nq	91
64) 4,6-Dinitro-2-methylphenol	11.60	198	36570	36.22	nq	75
65) n-Nitrosodiphenylamine	11.68	169	311748	34.75	nq	100
66) 4-Bromophenyl-phenylether	12.13	248	98085	34.93	nq	92
67) Hexachlorobenzene	12.19	284	113417	35.34	nq #	67
68) Atrazine	12.35	200	99497	38.14	nq	97
69) Pentachlorophenol	12.45	266	105495	58.22	nq	99
70) Phenanthrene	12.70	178	515121	34.18	nq	99
71) Anthracene	12.77	178	544222	36.81	nq	100
72) Carbazole	12.97	167	512660	36.38	nq	99
73) Di-n-butylphthalate	13.43	149	619540	36.66	nq #	98
74) Fluoranthene	14.17	202	575119	36.62	nq	100
76) Benzidine	14.37	184	204022	27.60	nq	97
77) Pyrene	14.46	202	614826	38.91	nq	98
79) Butylbenzylphthalate	15.29	149	278092	40.26	nq	96
80) Benzo(a)anthracene	15.95	228	547999	36.49	nq	99
81) 3,3'-Dichlorobenzidine	15.93	252	151068	28.24	nq #	96
82) Chrysene	16.00	228	528136	36.56	nq	99
83) Bis(2-ethylhexyl)phthalate	16.02	149	413144	39.49	nq #	98
84) Di-n-octyl phthalate	16.85	149	712759	38.68	nq	98
85) Indeno(1,2,3-cd)pyrene	19.13	276	676838	36.78	nq	100
87) Benzo(b)fluoranthene	17.29	252	597665	38.87	nq	98
88) Benzo(k)fluoranthene	17.33	252	539744	36.26	nq #	95
89) Benzo(a)pyrene	17.69	252	554657	39.18	nq	99
90) Dibenzo(a,h)anthracene	19.15	278	556094	36.96	nq	99
91) Benzo(g,h,i)perylene	19.53	276	565245	37.48	nq	97

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



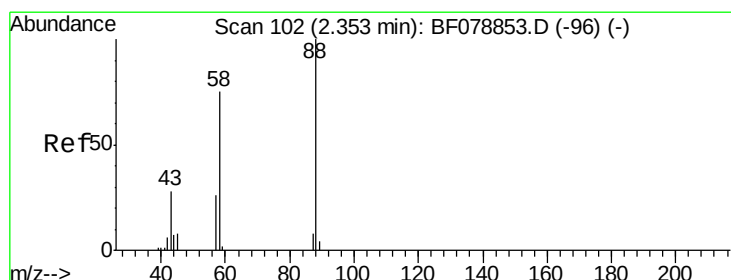
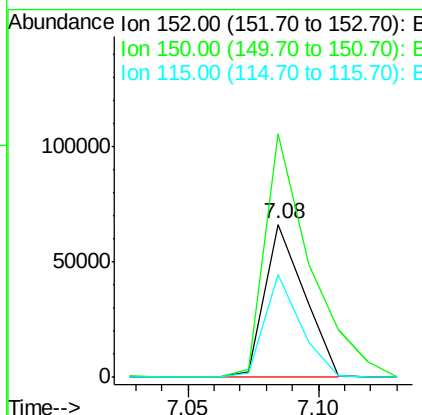
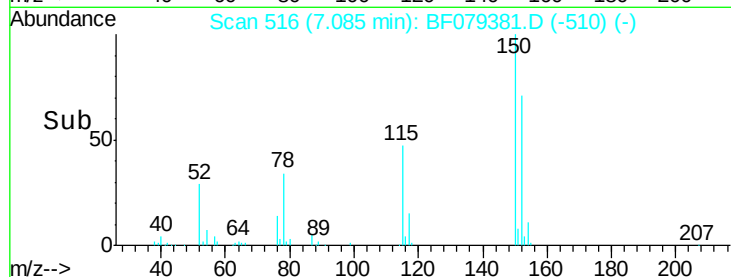
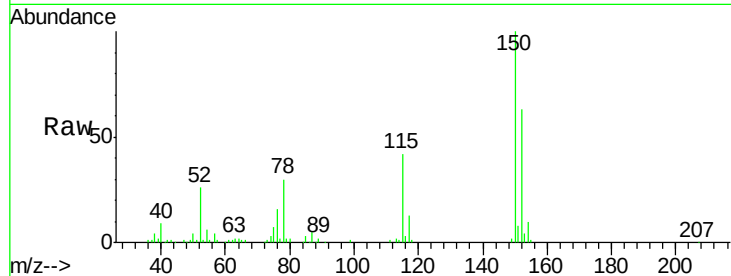
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.08 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion:	152	Resp:	69449
Ion Ratio	Lower	Upper	
152	100		
150	159.2	123.8	185.8
115	66.9	49.4	74.0

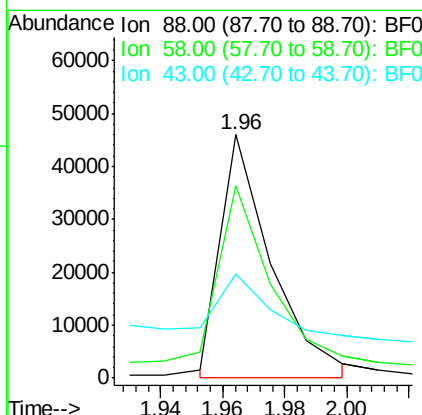
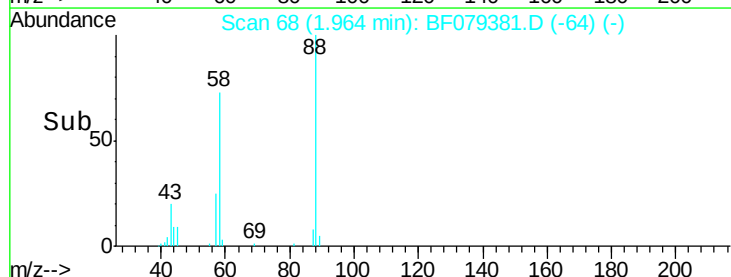
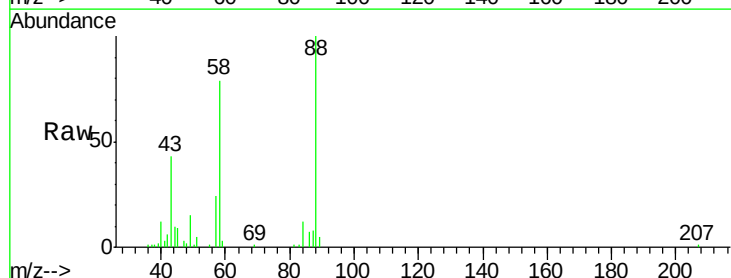
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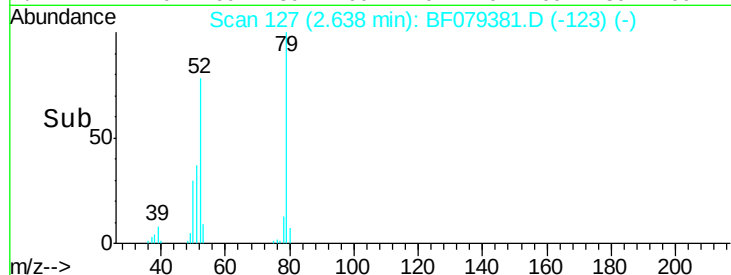
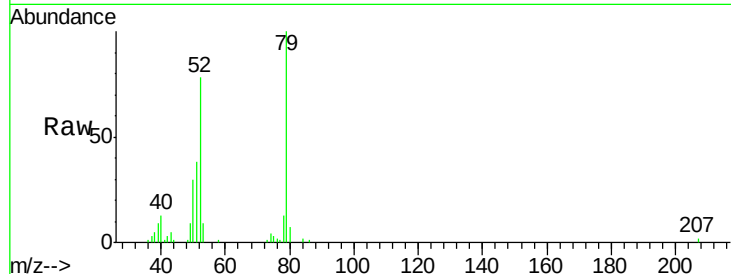
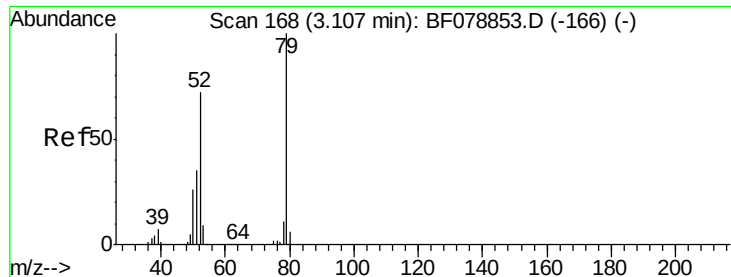
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#2
1,4-Dioxane
Concen: 30.21 ng m
RT: 1.96 min Scan# 68
Delta R.T. 0.02 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion:	88	Resp:	53002
Ion Ratio	Lower	Upper	
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#





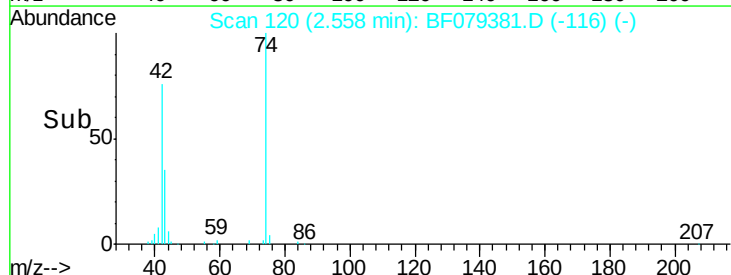
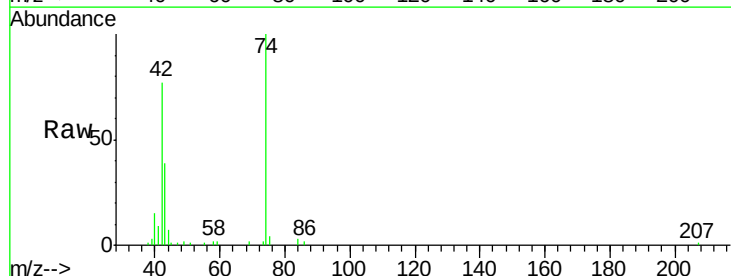
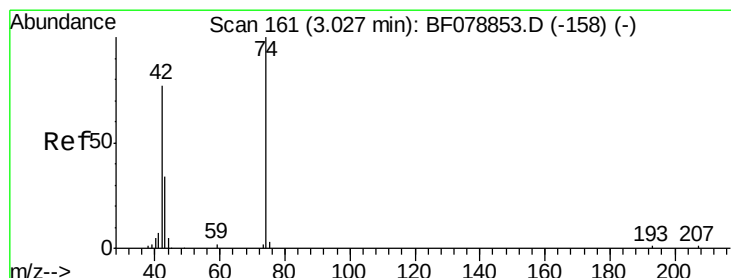
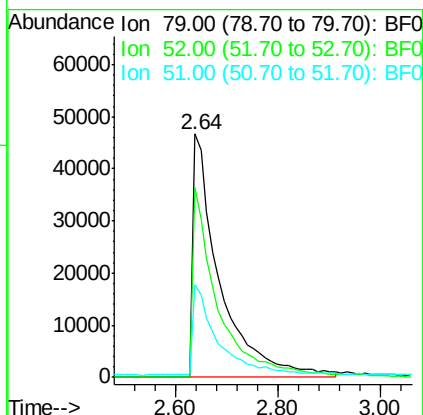
#3
 Pvridine
 Concen: 33.43 ng m
 RT: 2.64 min Scan# 127
 Delta R.T. 0.02 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	171613		
52	52	77.9		57.6	86.4
51	51	37.8		28.7	43.1

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

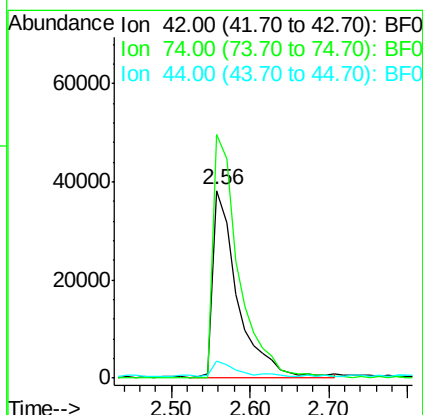
Manual Integrations
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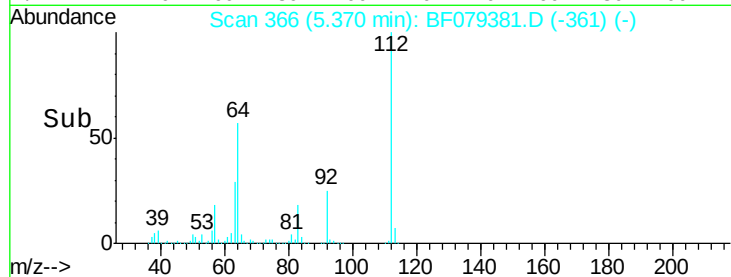
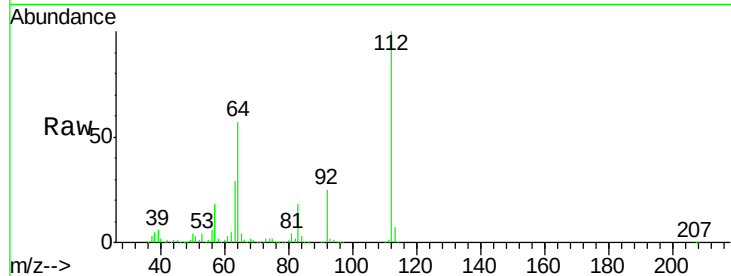
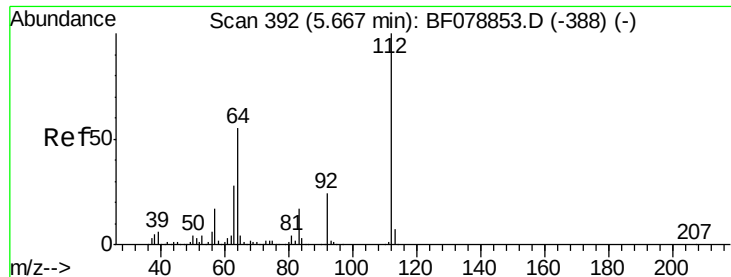
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#4
 n-Nitrosodimethylamine
 Concen: 37.23 ng m
 RT: 2.56 min Scan# 120
 Delta R.T. 0.02 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	81896		
74	74	130.0		104.4	156.6
44	44	9.0		6.2	9.2





#5

2-Fluorophenol

Concen: 115.31 ng/mL

RT: 5.37 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		465241		
64	56.7	44.2	66.2		
63	28.7	22.7	34.1		

Instrument :

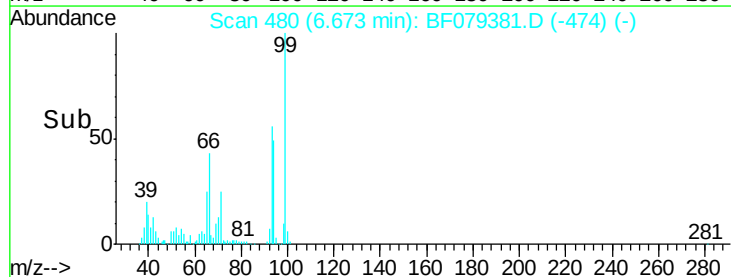
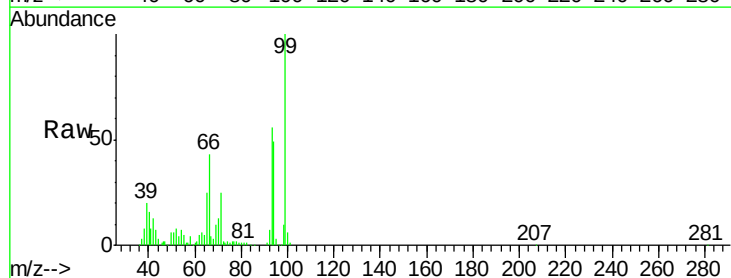
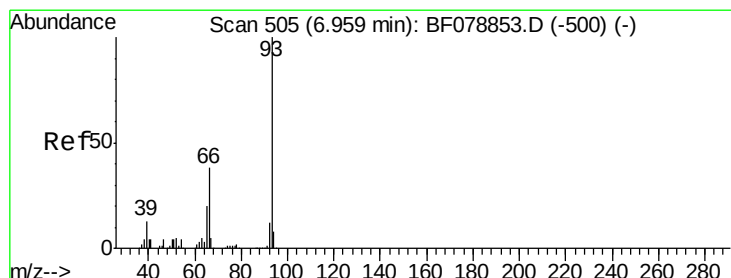
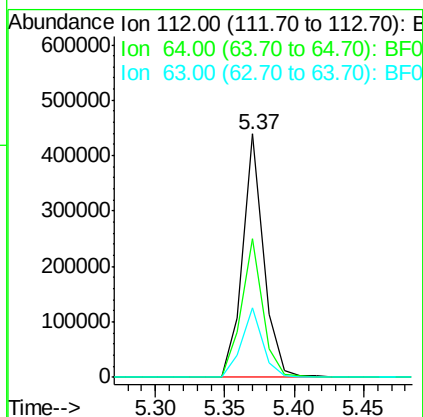
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PB83494BS

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#6

Aniline

Concen: 18.86 ng/mL

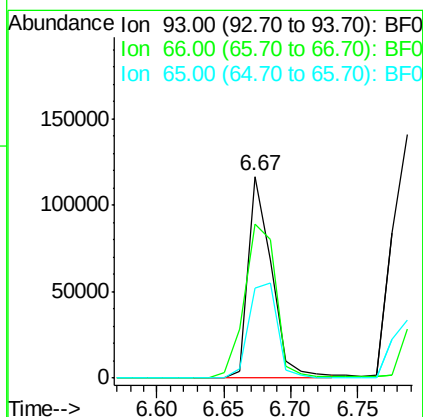
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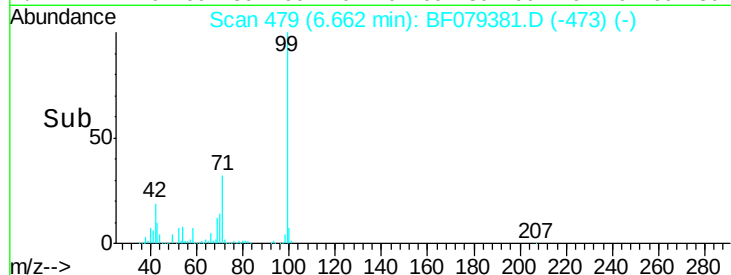
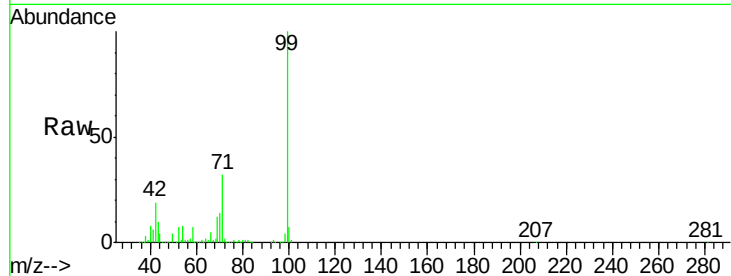
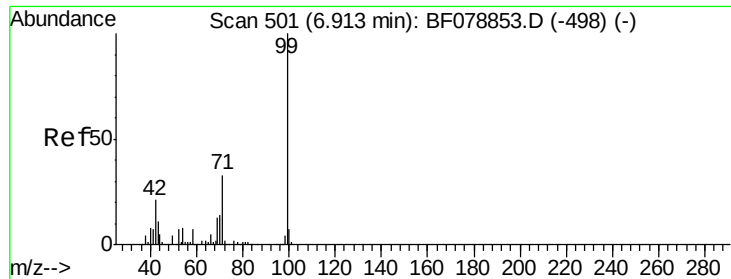
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		141979		
66	76.1	30.7	46.1#		
65	44.7	15.8	23.8#		





#7

Phenol-d6

Concen: 106.09 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tot Ion:	99	Resp:	565785
Ion Ratio	Lower	Upper	
99	100		
42	18.9	17.1	25.7
71	31.7	26.3	39.5

Instrument :

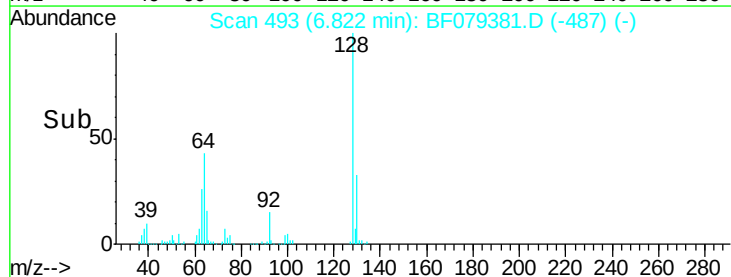
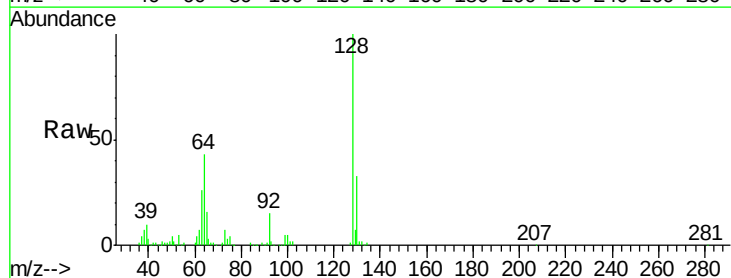
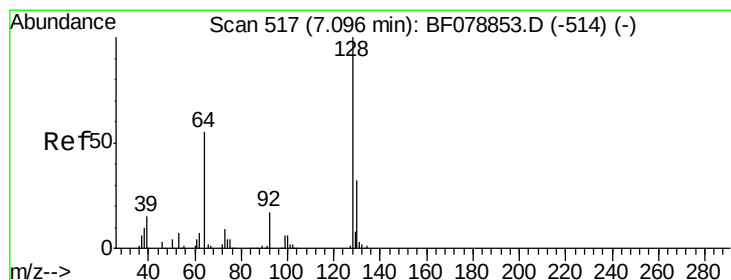
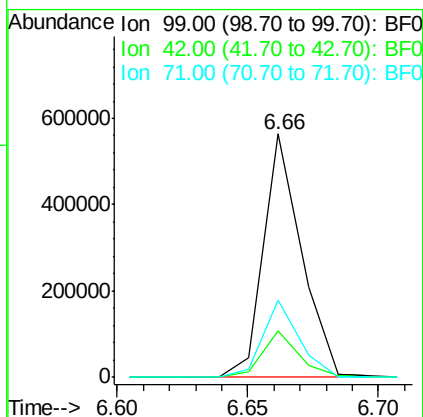
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 36.91 ng

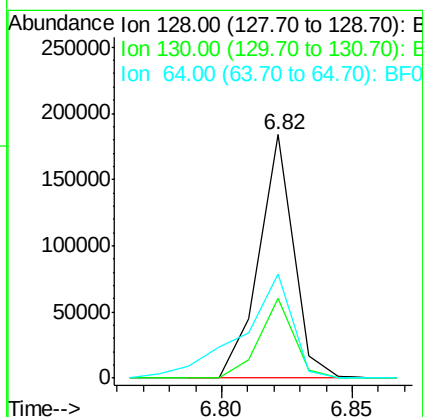
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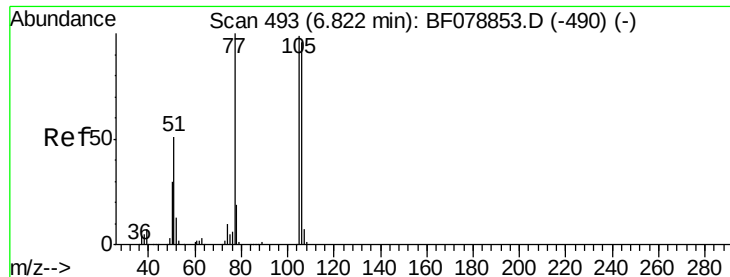
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	128	Resp:	168915
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.4	52.4
64	42.9	37.8	77.8





#9

Benzaldehyde

Concen: 9.11 ng/mL

RT: 6.54 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

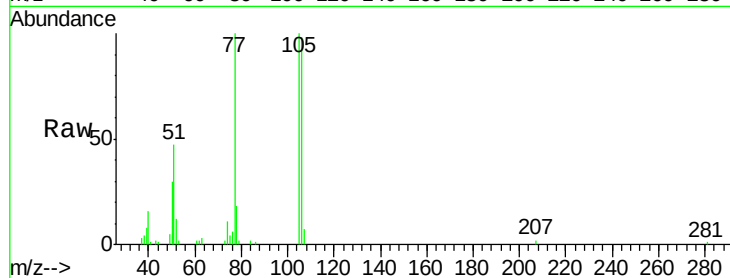
ClientSampleId :

PB83494BS

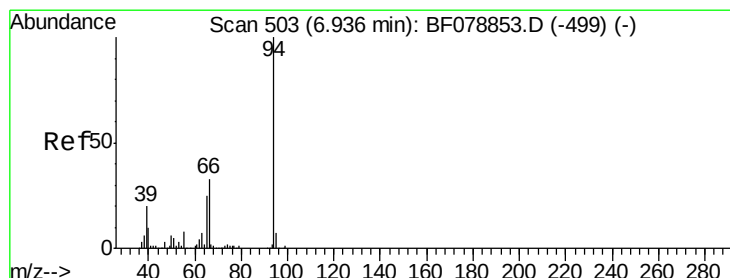
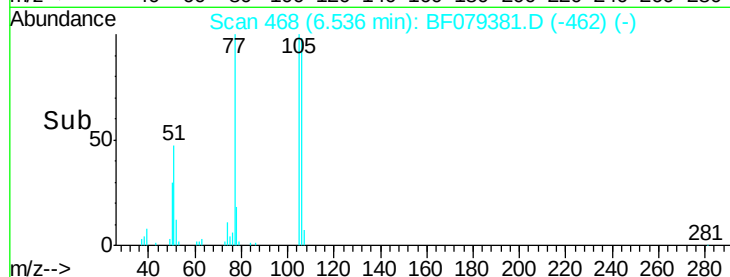
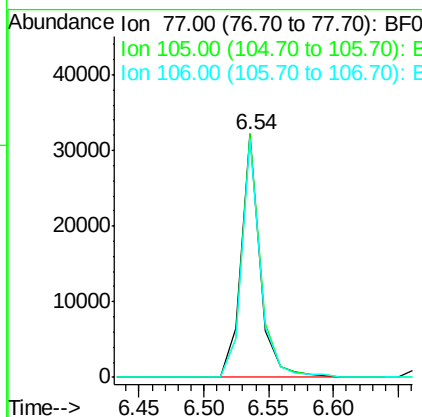
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Tot Ion:	77	Resp:	32733
Ion	Ratio	Lower	Upper
77	100		
105	100.0	78.9	118.9
106	98.2	75.8	115.8



#10

Phenol

Concen: 34.09 ng/mL

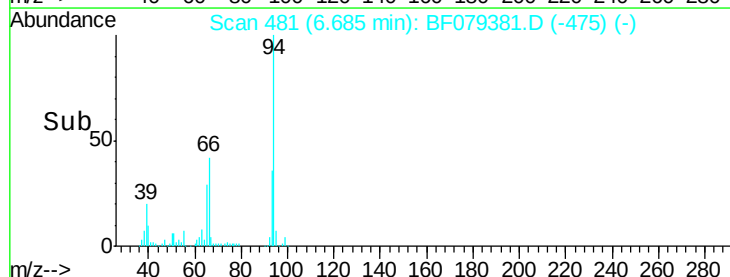
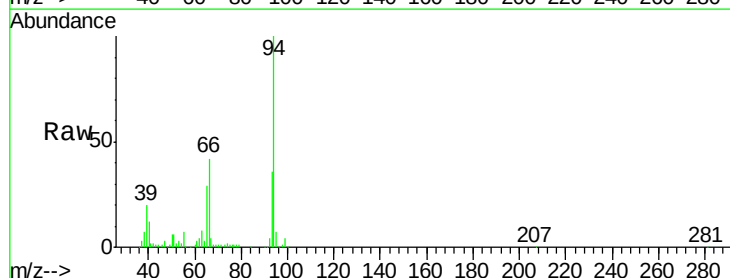
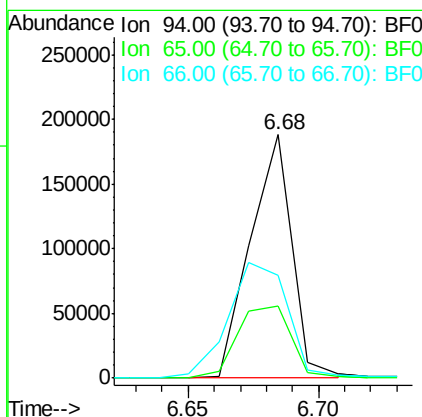
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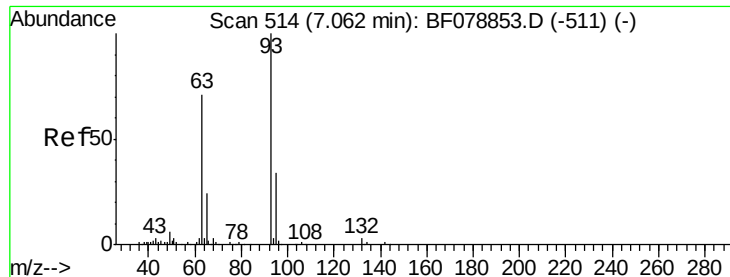
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	94	Resp:	210870
Ion	Ratio	Lower	Upper
94	100		
65	29.4	5.1	45.1
66	42.4	13.1	53.1





#11

bis(2-Chloroethyl)ether

Concen: 34.23 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

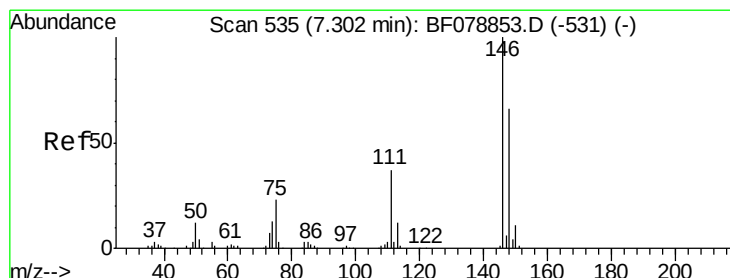
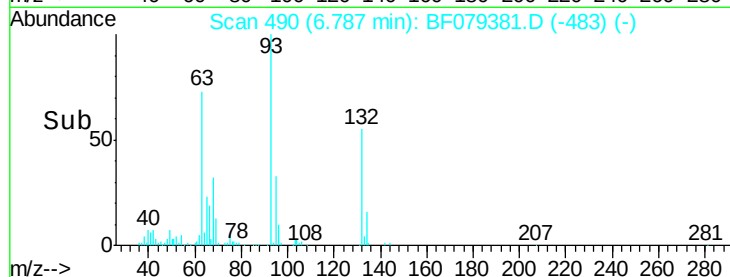
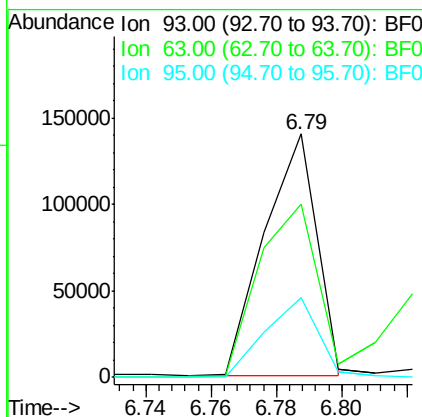
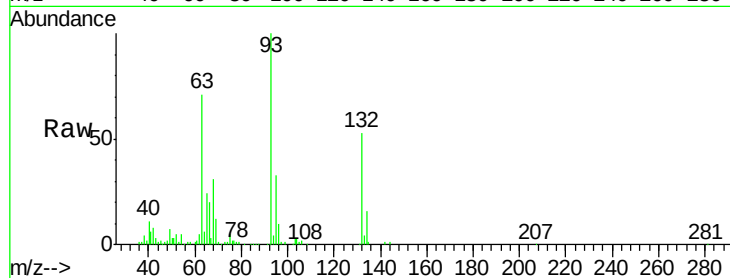
ClientSampleId :

PB83494BS

Tot Ion:	93	Resp:	155239
Ion Ratio	Lower	Upper	
93	100		
63	71.2	50.8	90.8
95	32.7	13.9	53.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 34.87 ng

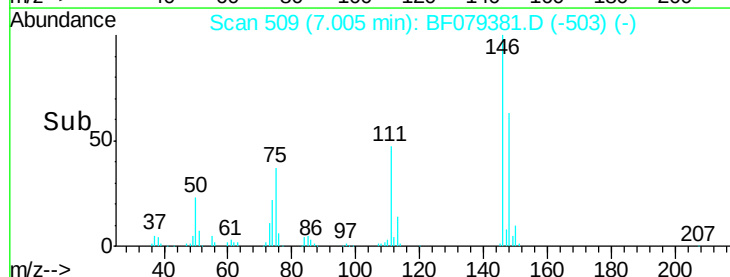
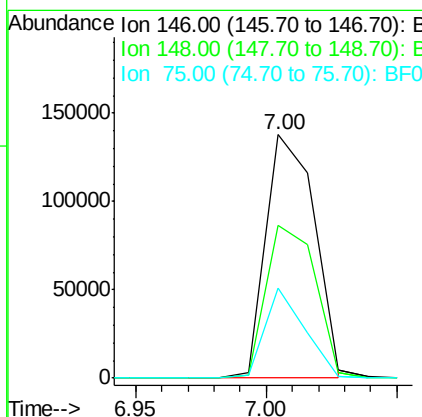
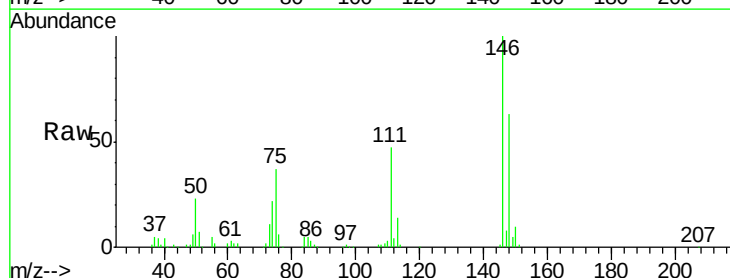
RT: 7.00 min Scan# 509

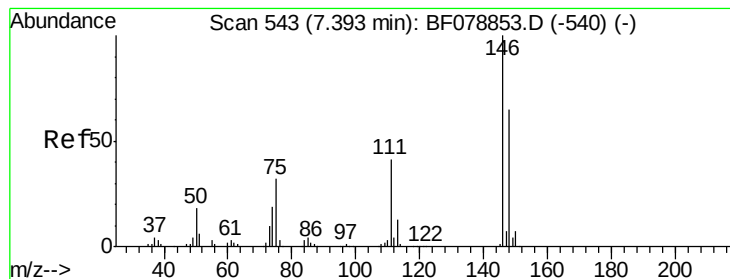
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	146	Resp:	179348
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.4	78.6
75	36.8	18.6	27.8#





#13

1,4-Dichlorobenzene

Concen: 34.50 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

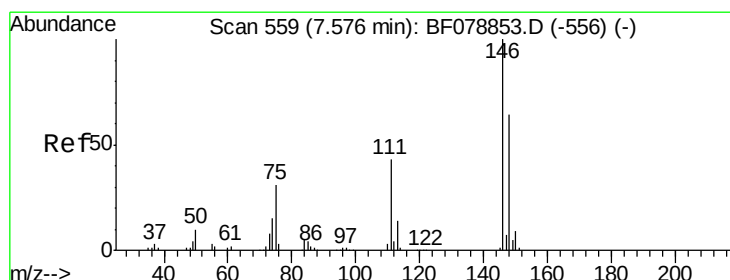
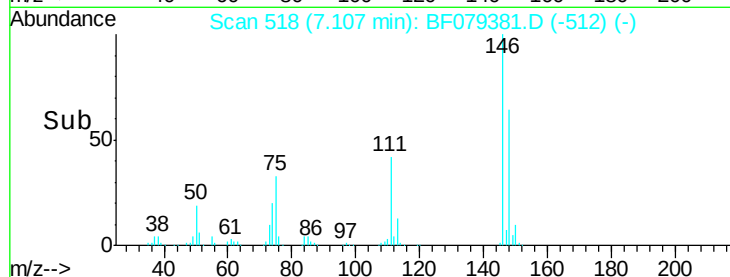
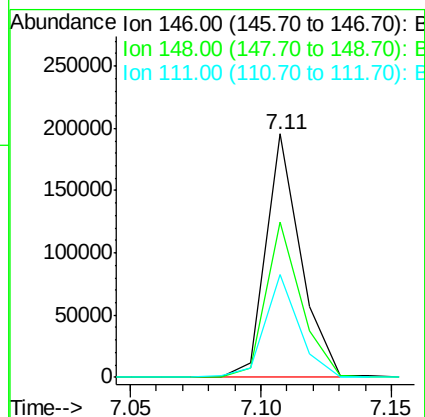
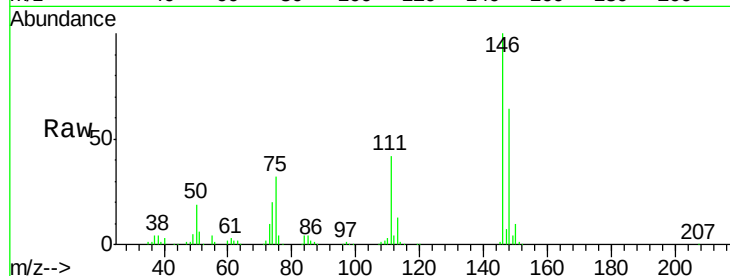
ClientSampled :

PB83494BS

Tot Ion:	146	Resp:	182608
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.7	77.5
111	42.0	32.8	49.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.19 ng

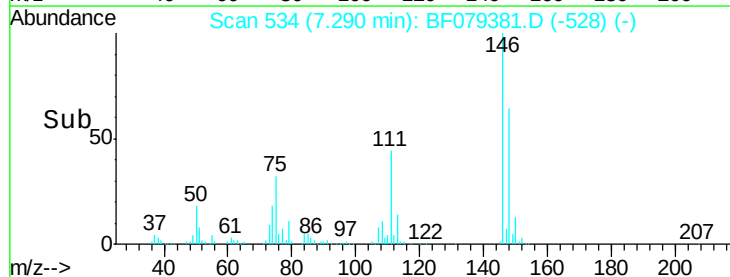
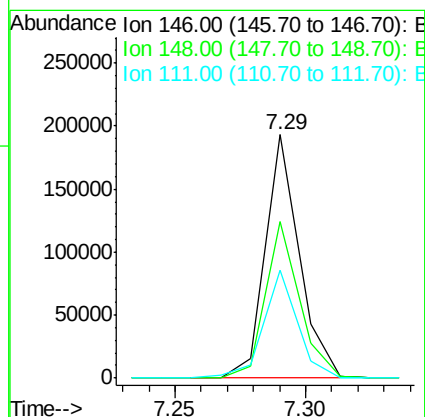
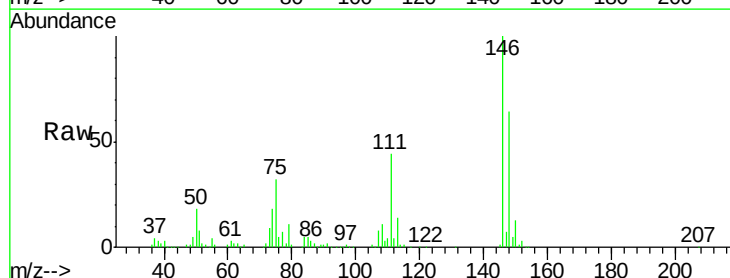
RT: 7.29 min Scan# 534

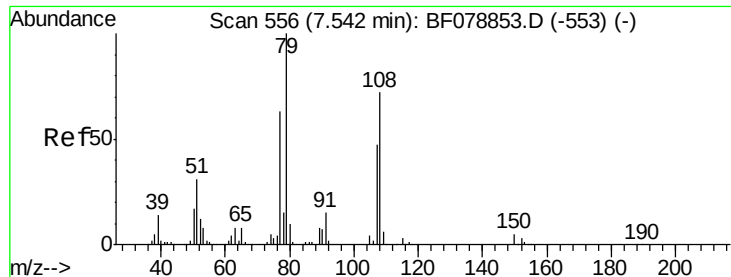
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	146	Resp:	173411
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
111	44.1	34.6	52.0





#15

Benzyl Alcohol

Concen: 34.32 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

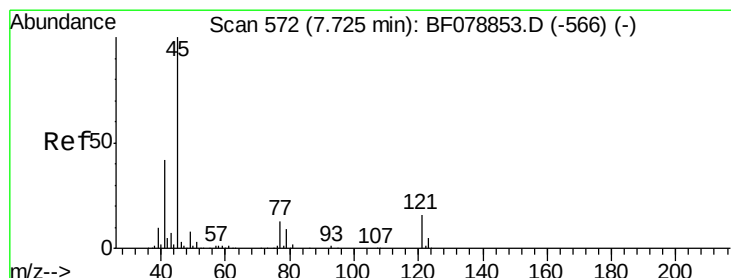
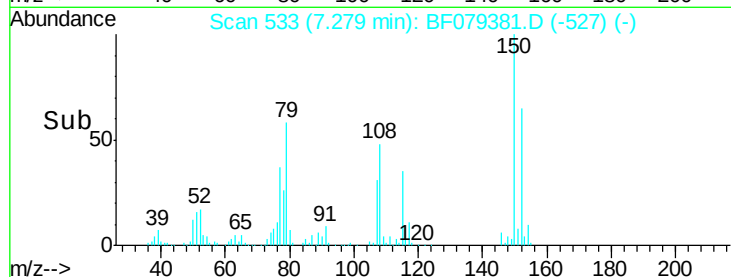
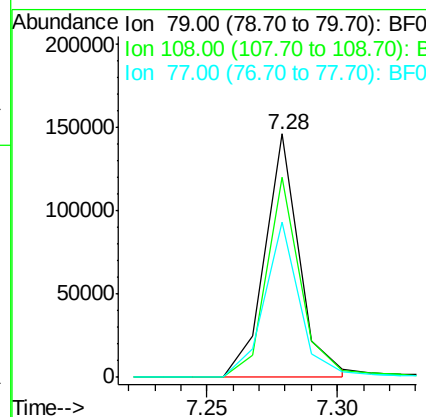
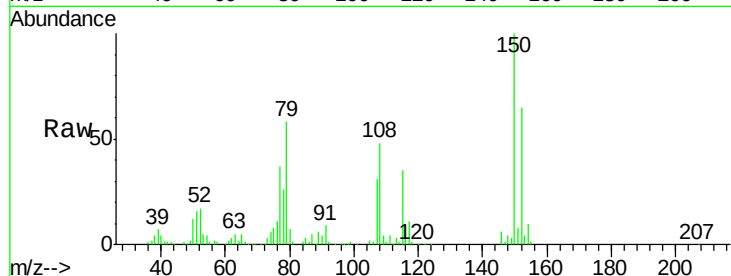
ClientSampleId :

PB83494BS

Tot Ion:	79	Resp:	135864
Ion Ratio	Lower	Upper	
79	100		
108	82.3	57.4	86.2
77	64.0	50.2	75.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.32 ng

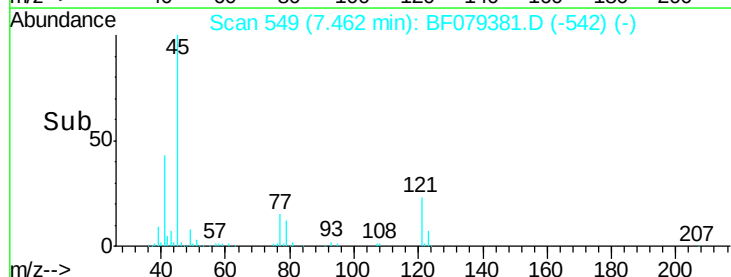
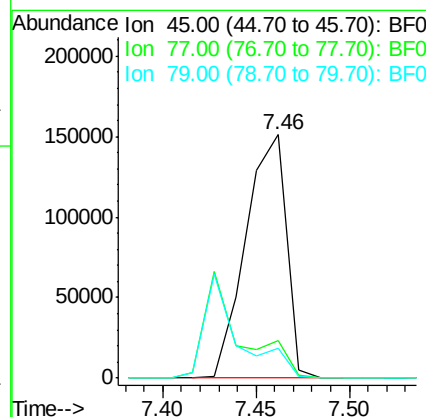
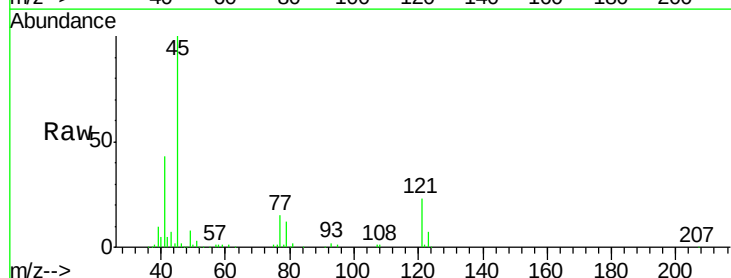
RT: 7.46 min Scan# 549

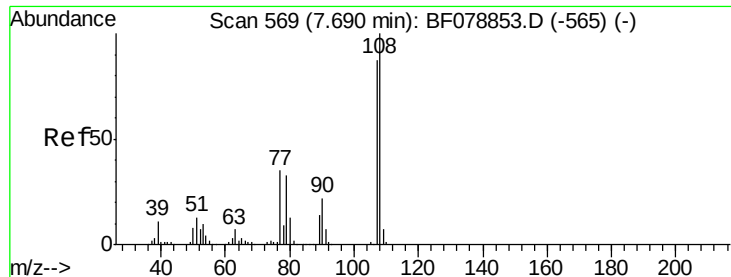
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	45	Resp:	231198
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	32.6
79	12.3	0.0	29.3





#17

2-Methylphenol

Concen: 36.76 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF079381.D

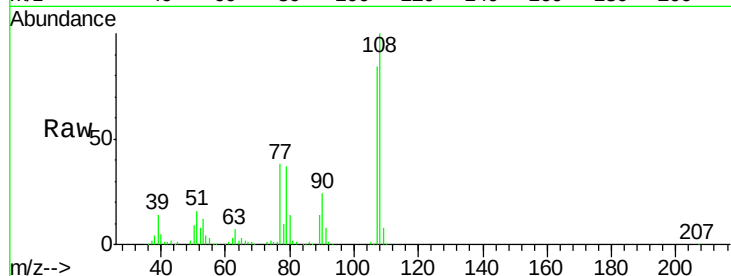
Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS



Tot Ion:107 Resp: 135376

Ion Ratio Lower Upper

107 100

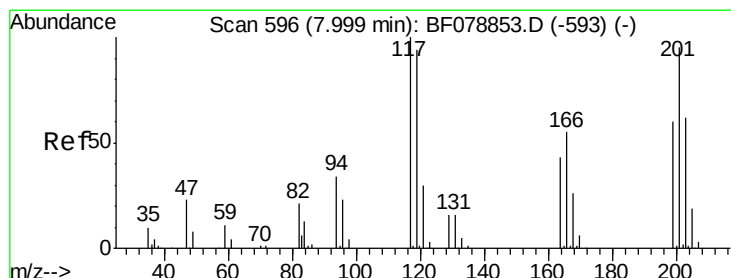
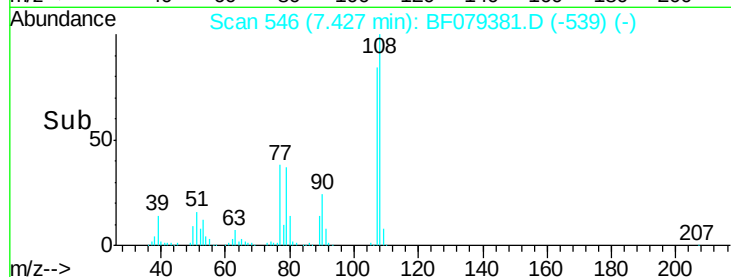
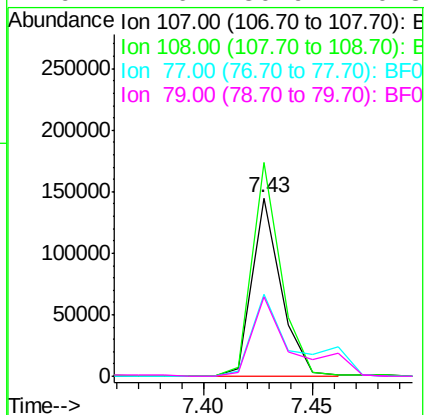
108 119.7 92.4 138.6

77 45.7 32.6 49.0

79 44.6 30.9 46.3

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#18

Hexachloroethane

Concen: 34.22 ng

RT: 7.70 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

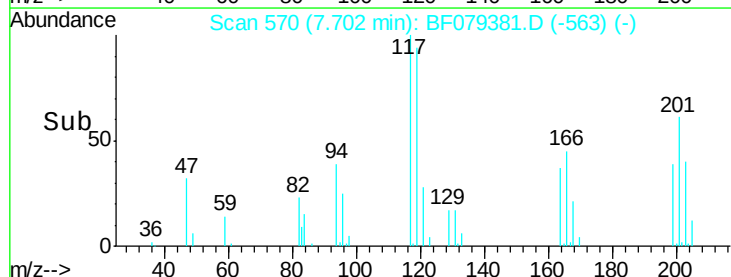
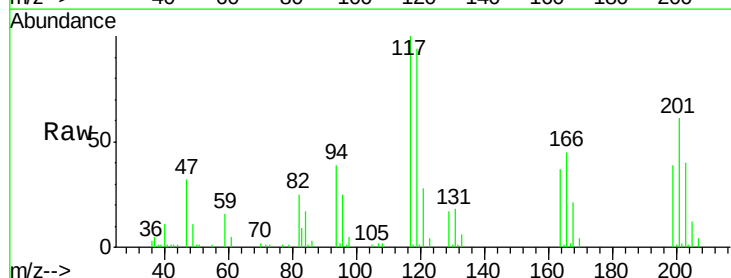
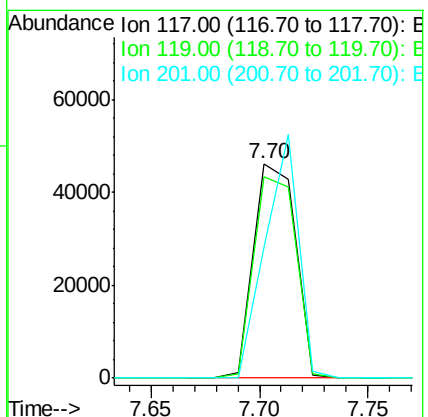
Tgt Ion:117 Resp: 62388

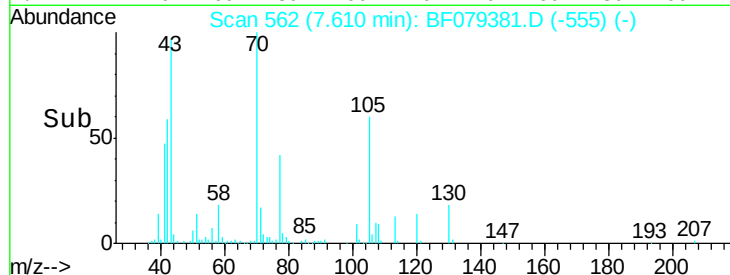
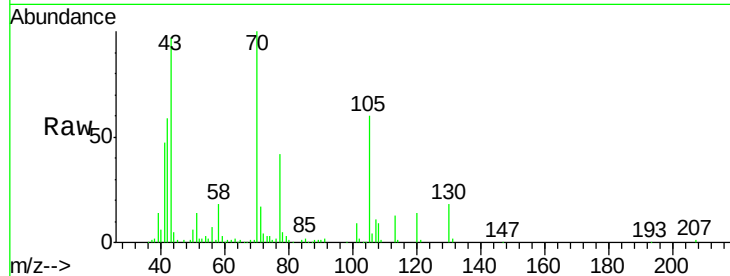
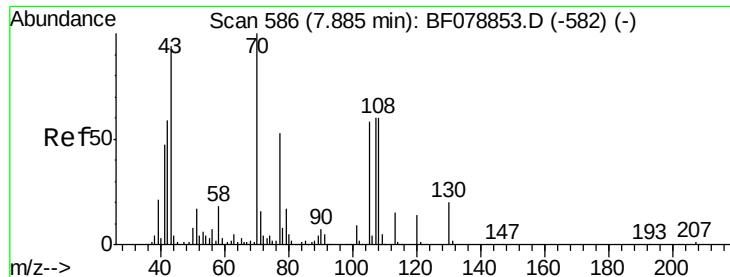
Ion Ratio Lower Upper

117 100

119 93.9 75.2 112.8

201 61.3 75.8 113.8#





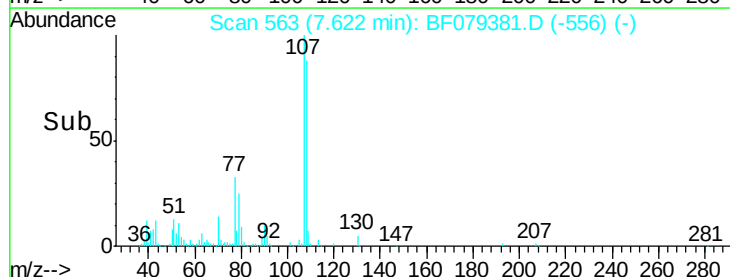
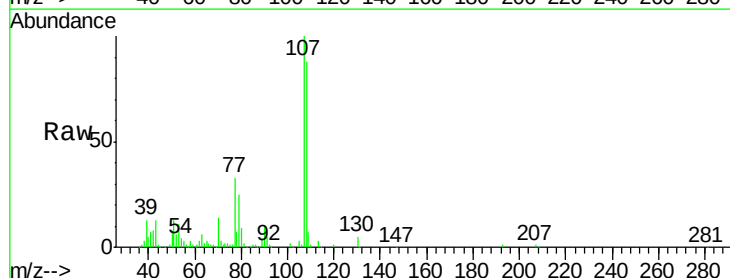
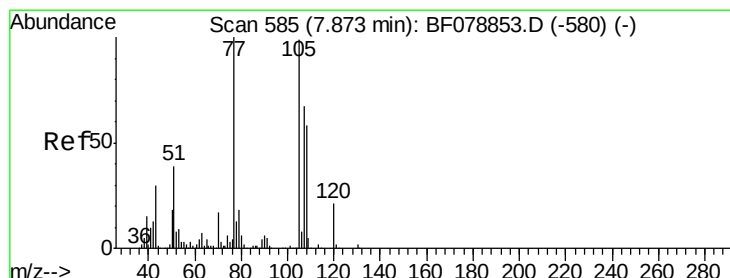
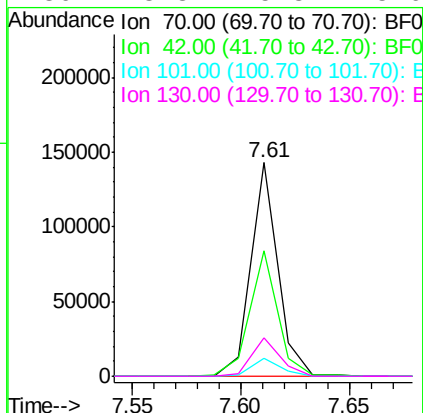
#19
n-Nitroso-di-n-propylamine
Concen: 34.16 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.6	47.3	70.9	
101	8.7	7.5	11.3	
130	18.3	15.8	23.6	

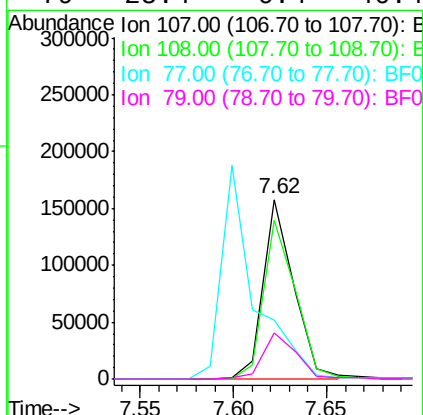
Manual Integrations
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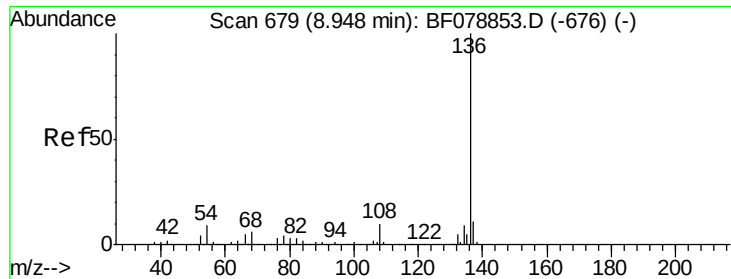
apatel
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#20
3+4-Methylphenols
Concen: 36.39 ng
RT: 7.62 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	66.5	106.5	
77	32.7	130.6	170.6	
79	25.4	6.4	46.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

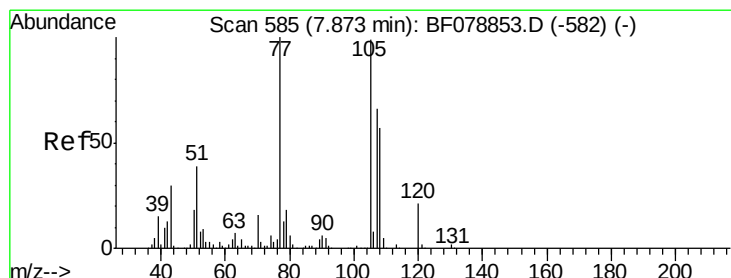
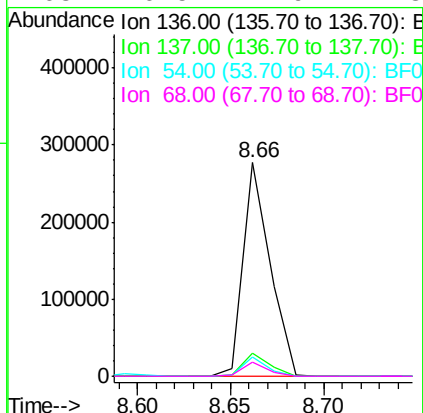
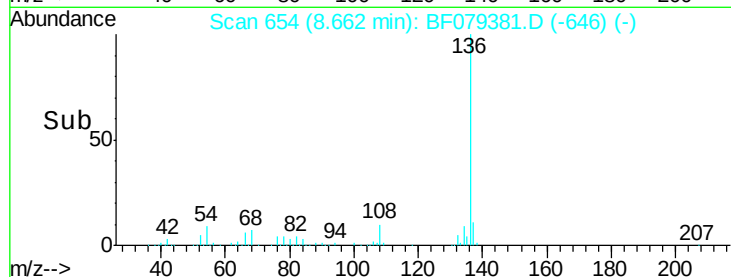
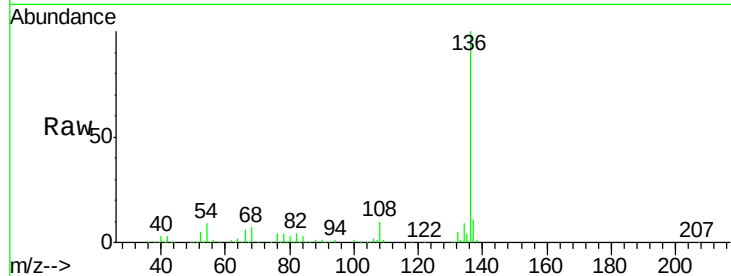
ClientSampleId :

PB83494BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	6.9	10.3
68	6.5	4.9	7.3

Manual Integrations
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#22

Acetophenone

Concen: 37.11 ng

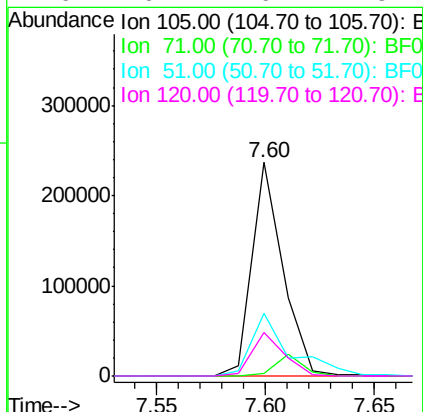
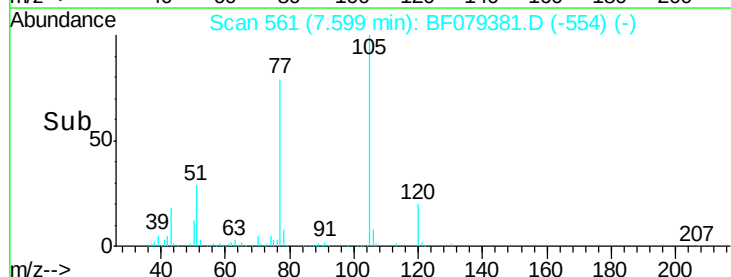
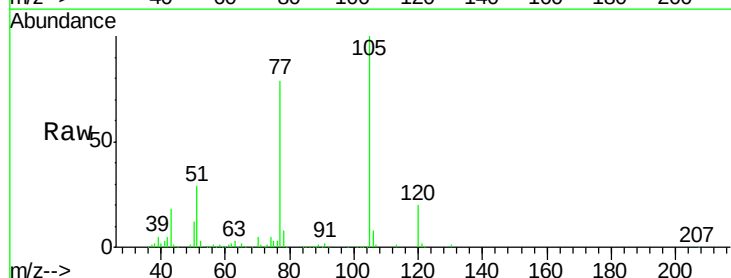
RT: 7.60 min Scan# 561

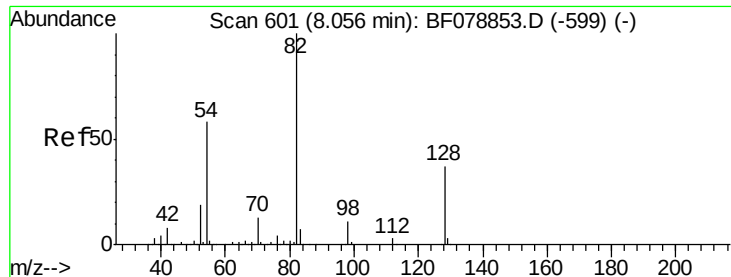
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.0	2.2	3.4#
51	29.2	31.1	46.7#
120	20.4	16.7	25.1





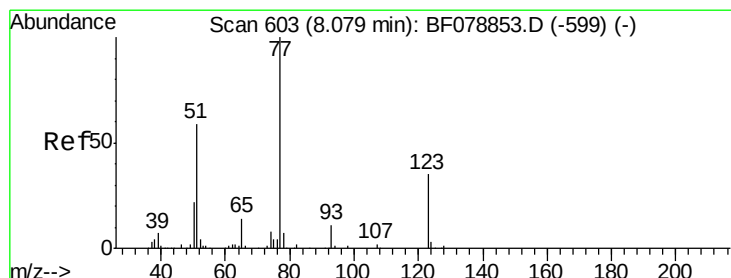
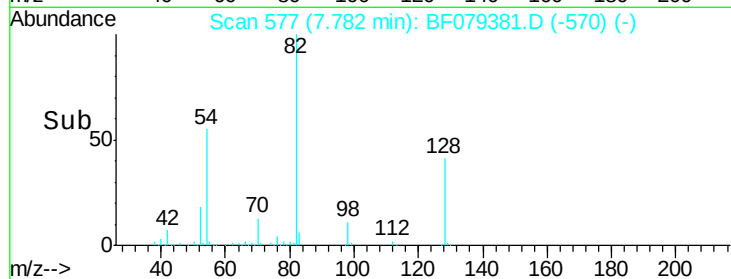
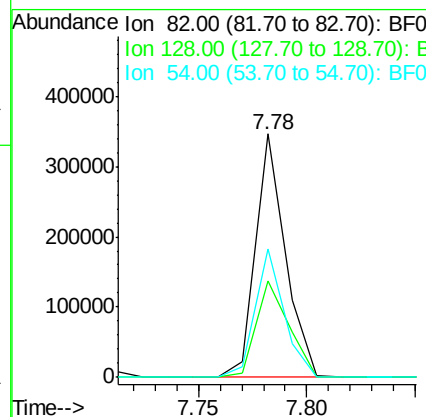
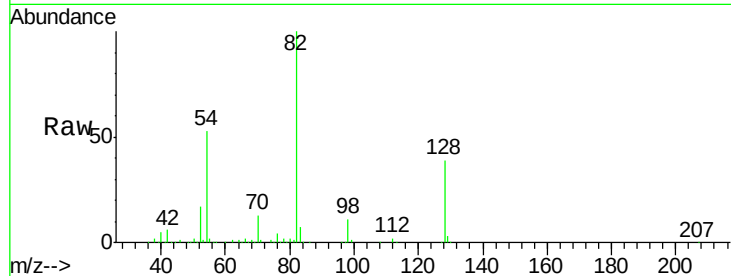
#23
 Nitrobenzene-d5
 Concen: 68.20 ng
 RT: 7.78 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleID :
 PB83494BS

Tot Ion:	82	Resp:	331081
Ion Ratio	Lower	Upper	
82	100		
128	39.4	29.7	44.5
54	52.8	46.2	69.4

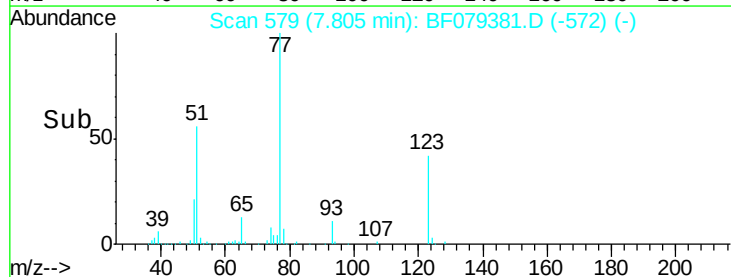
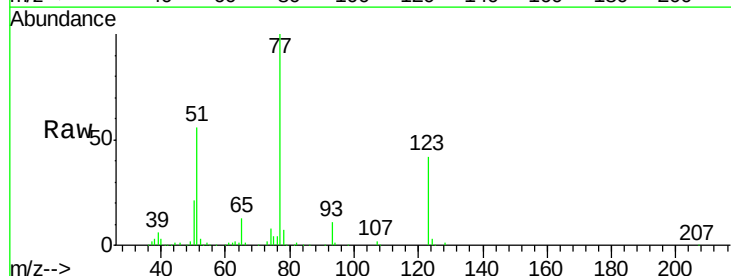
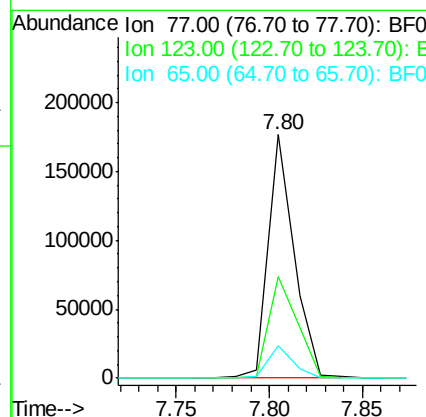
Manual Integrations
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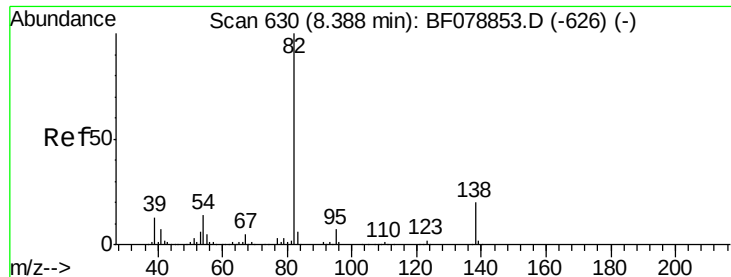
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#24
 Nitrobenzene
 Concen: 35.36 ng
 RT: 7.80 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:	77	Resp:	170122
Ion Ratio	Lower	Upper	
77	100		
123	41.6	28.3	42.5
65	13.5	11.0	16.4





#25

Isophorone

Concen: 35.39 ng

RT: 8.11 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

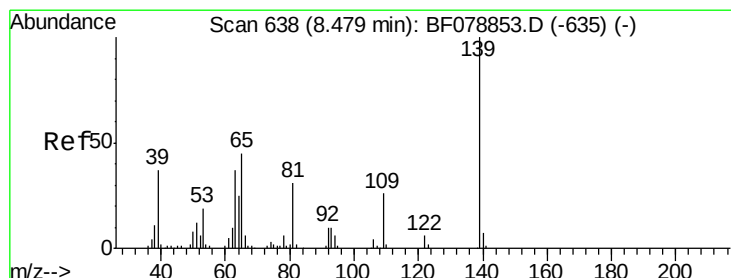
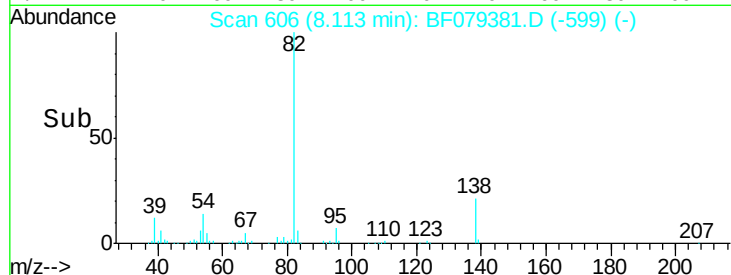
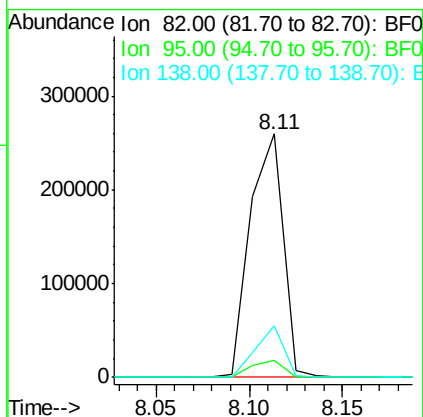
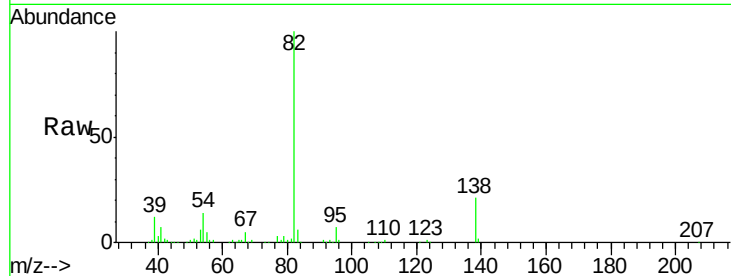
ClientSampleId :

PB83494BS

Tot Ion:	82	Resp:	318528
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	21.0	16.1	24.1

Manual Integrations
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apatel
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#26

2-Nitrophenol

Concen: 39.82 ng

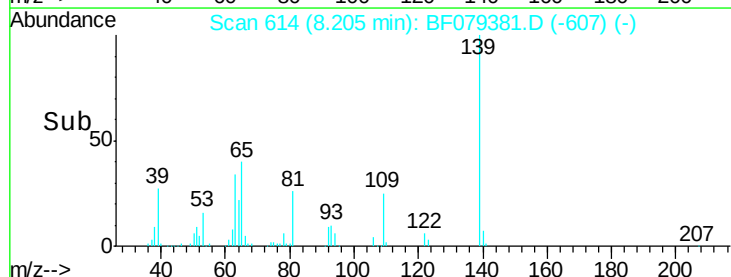
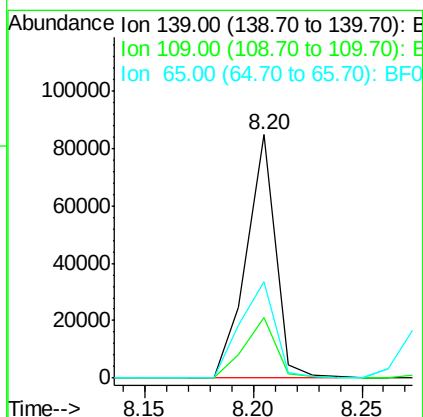
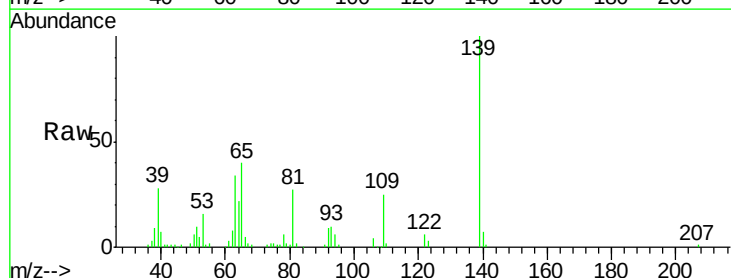
RT: 8.20 min Scan# 614

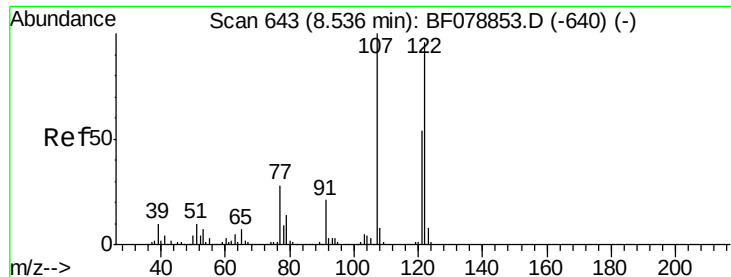
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	139	Resp:	79303
Ion Ratio	Lower	Upper	
139	100		
109	25.1	20.9	31.3
65	39.7	35.8	53.8





#27

2,4-Dimethylphenol

Concen: 39.86 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

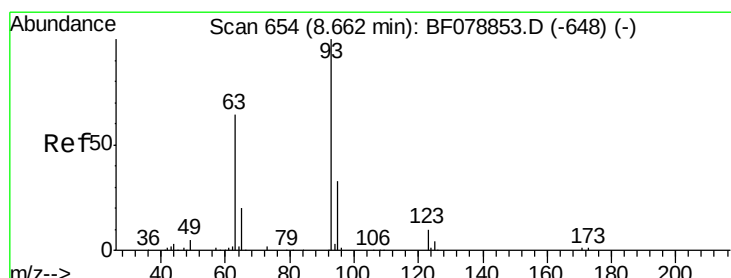
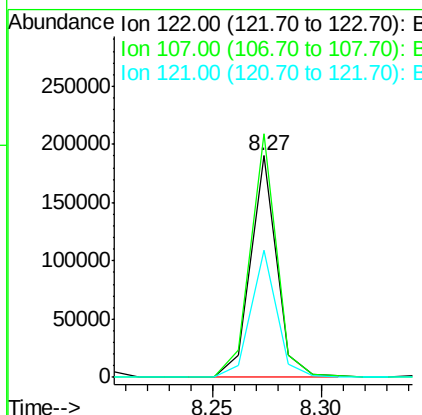
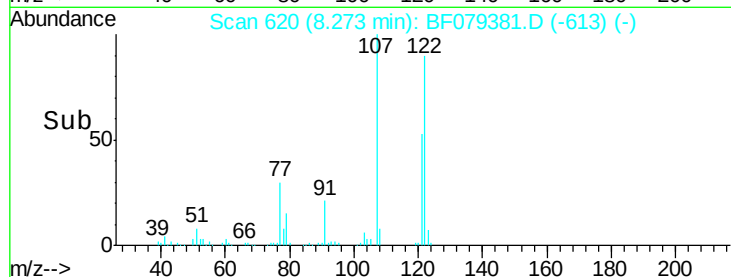
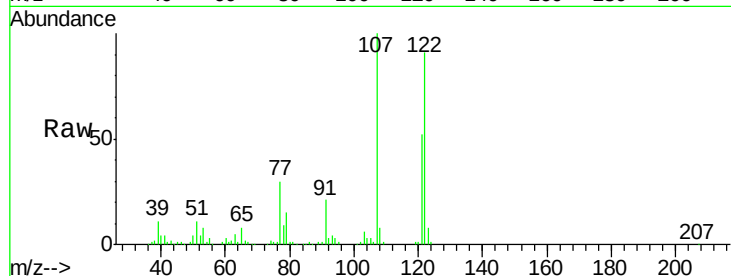
ClientSampled :

PB83494BS

Tot Ion:	122	Resp:	158831
Ion Ratio	Lower	Upper	
122	100		
107	109.8	83.6	125.4
121	57.6	44.9	67.3

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#28

bis(2-Chloroethoxy)methane

Concen: 35.64 ng

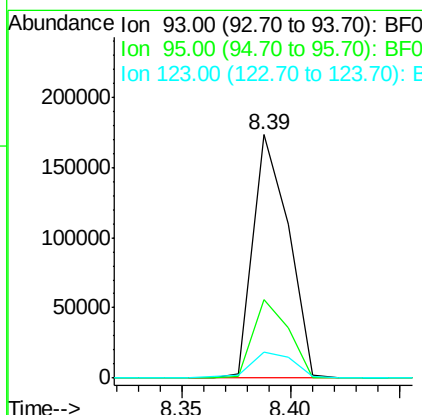
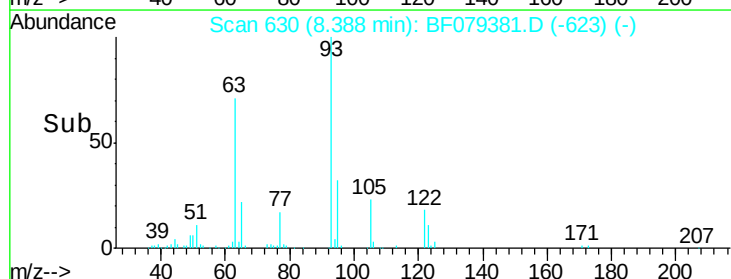
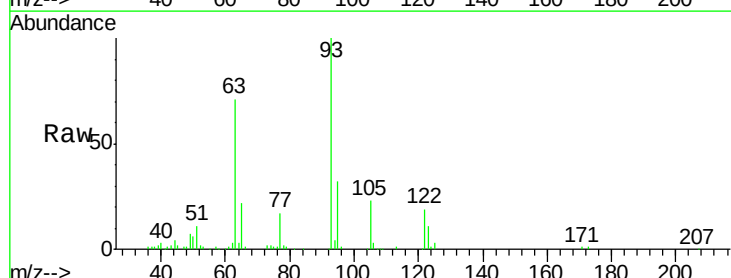
RT: 8.39 min Scan# 630

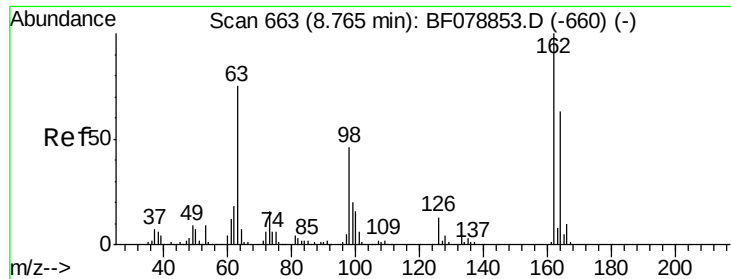
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	93	Resp:	197735
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.2	39.2
123	10.5	8.6	12.8





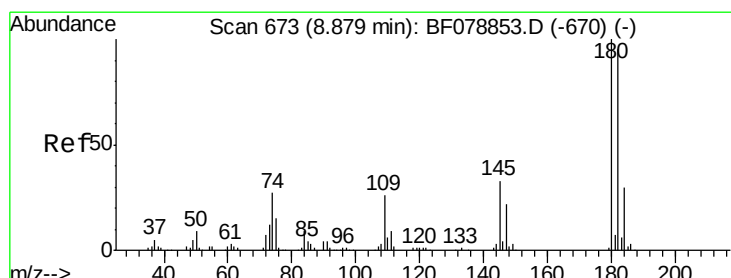
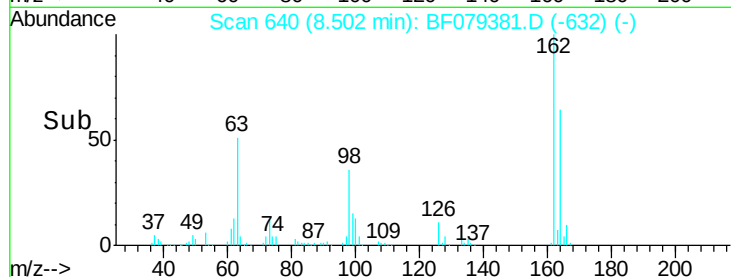
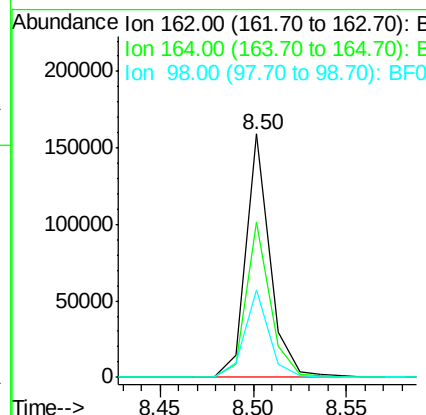
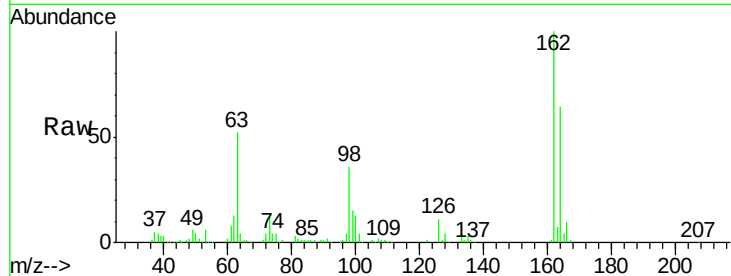
#29
 2,4-Dichlorophenol
 Concen: 40.54 ng
 RT: 8.50 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	143677		
164	64.0	42.7	82.7	
98	36.1	26.3	66.3	

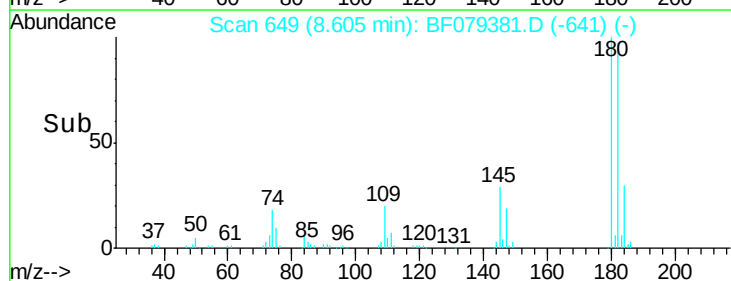
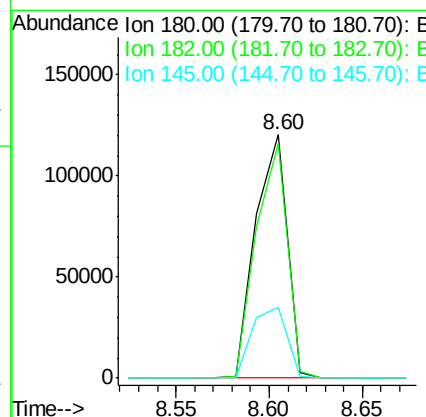
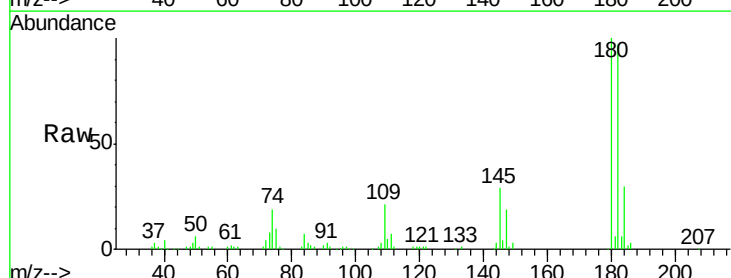
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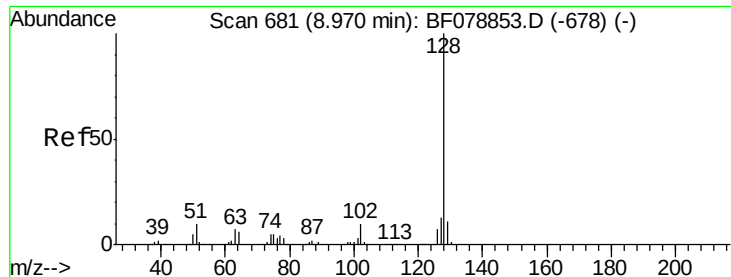
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.21 ng
 RT: 8.60 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140960		
182	96.5	75.7	113.5	
145	28.9	26.2	39.4	





#31

Naphthalene

Concen: 36.28 ng

RT: 8.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

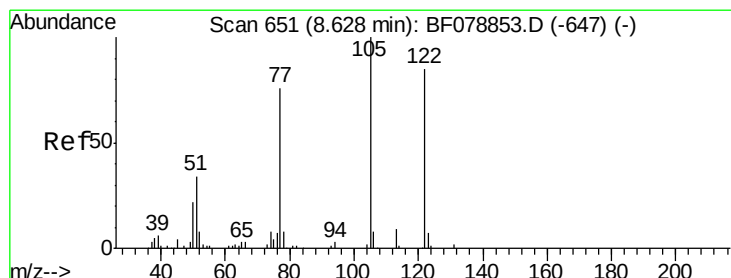
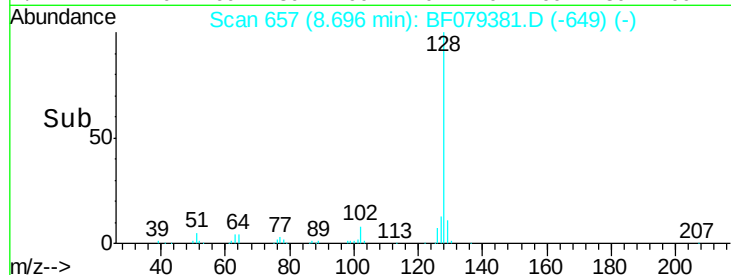
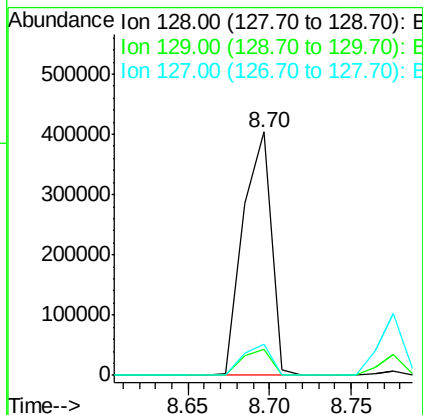
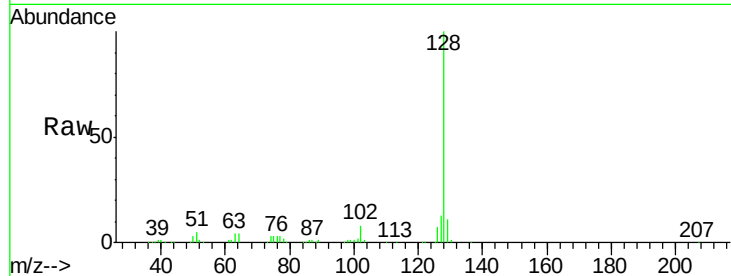
ClientSampleID :

PB83494BS

Tot Ion:	128	Resp:	482261
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.2	13.8
127	12.8	10.3	15.5

Manual Integrations
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#32

Benzoic acid

Concen: 38.11 ng m

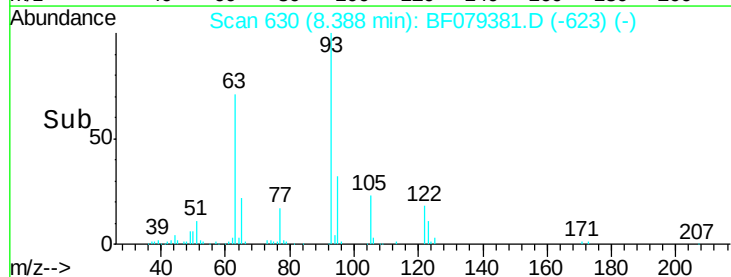
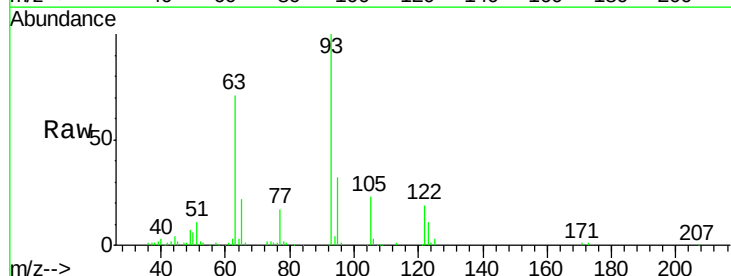
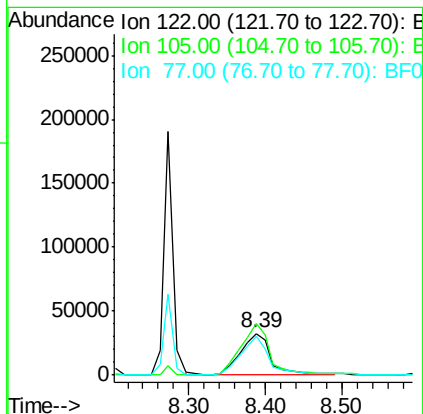
RT: 8.39 min Scan# 630

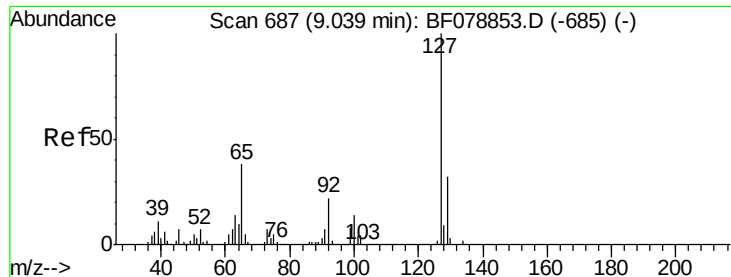
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	122	Resp:	91406
Ion Ratio	Lower	Upper	
122	100		
105	124.1	100.7	140.7
77	92.0	72.0	112.0





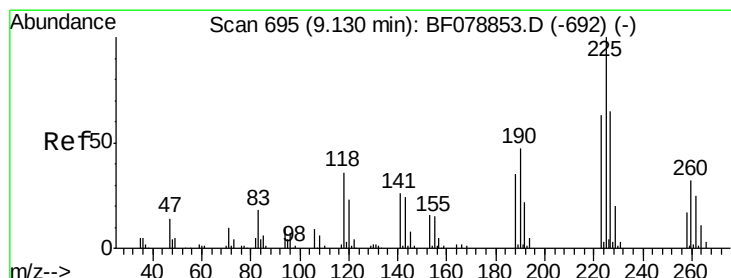
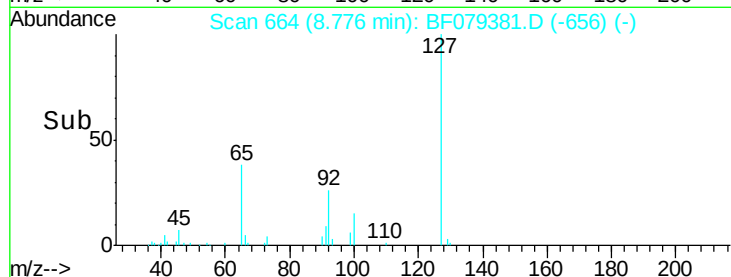
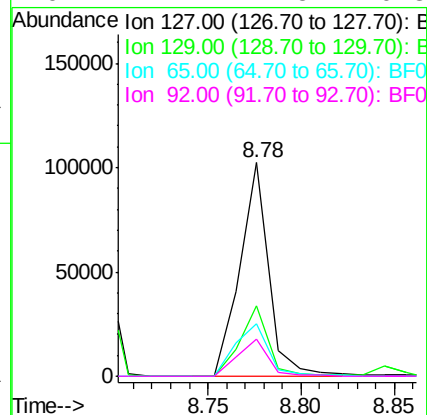
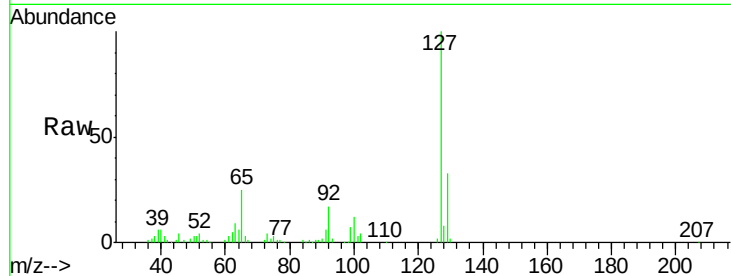
#33
4-Chloroaniline
Concen: 19.72 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.6	38.4		
65	24.7	30.2	45.4		
92	17.1	17.5	26.3		

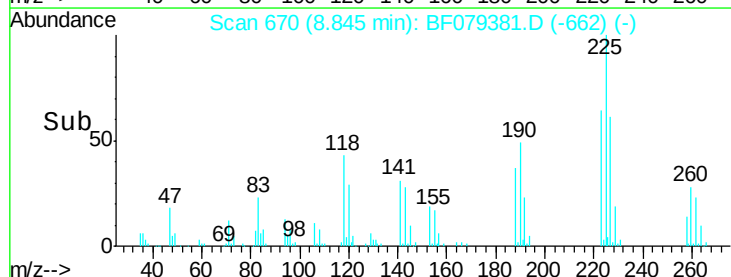
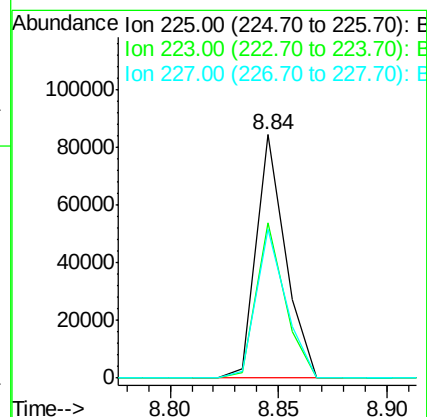
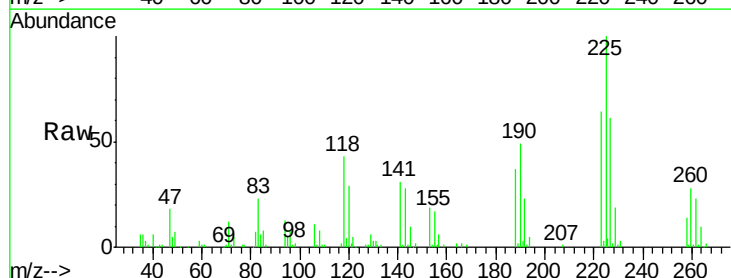
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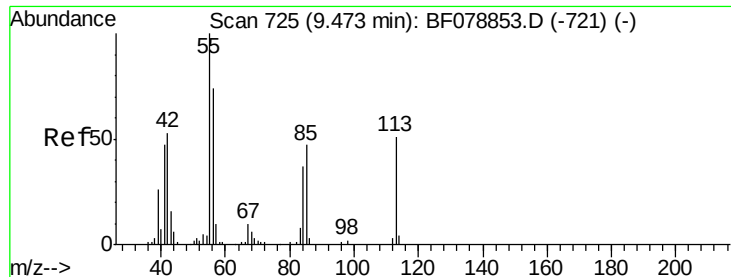
apatel
5/21/2015 4:27:34 PM



#34
Hexachlorobutadiene
Concen: 35.23 ng
RT: 8.84 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	50.6	75.8		
227	61.4	52.1	78.1		





#35

Caprolactam

Concen: 38.35 ng/ml

RT: 9.20 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

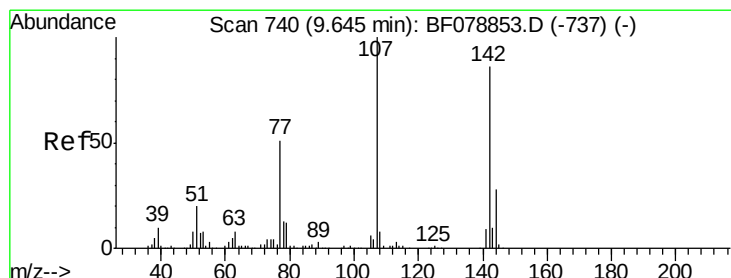
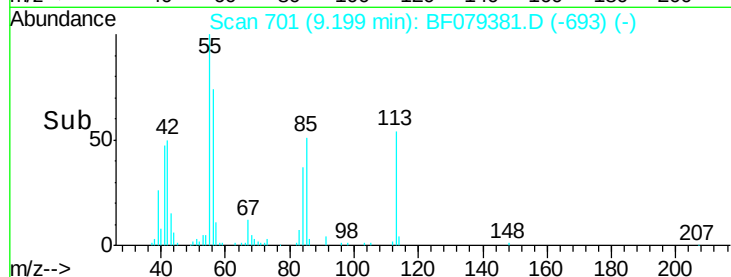
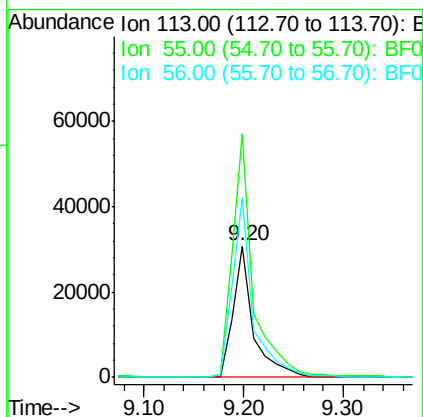
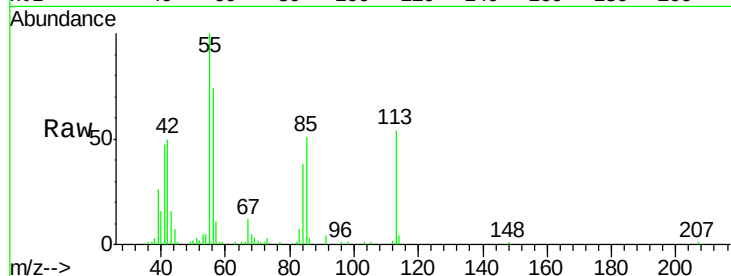
ClientSampleId :

PB83494BS

Tot Ion:	113	Resp:	43941
Ion Ratio	Lower	Upper	
113	100		
55	185.3	176.0	216.0
56	136.8	123.8	163.8

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#36

4-Chloro-3-methylphenol

Concen: 37.99 ng/ml

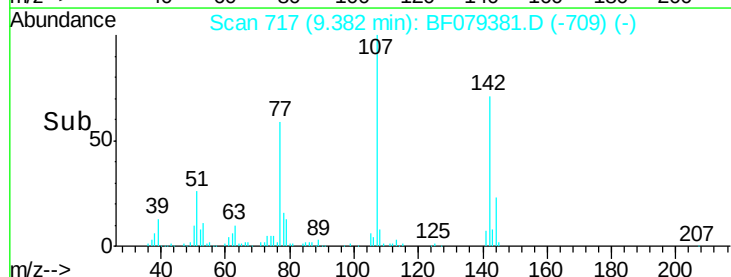
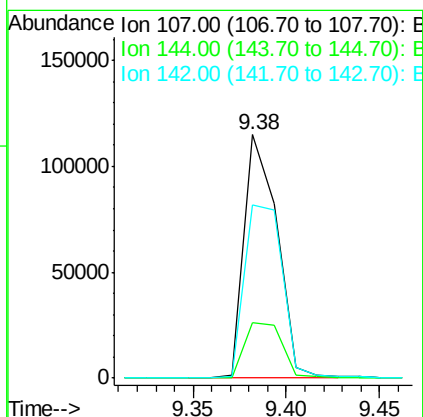
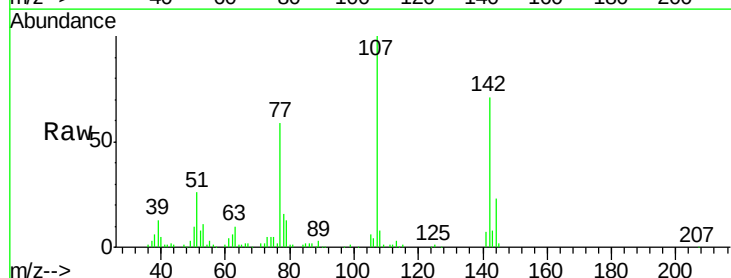
RT: 9.38 min Scan# 717

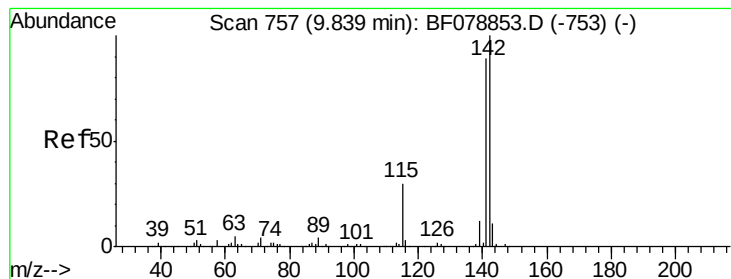
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	107	Resp:	141423
Ion Ratio	Lower	Upper	
107	100		
144	23.0	22.5	33.7
142	71.4	68.6	103.0





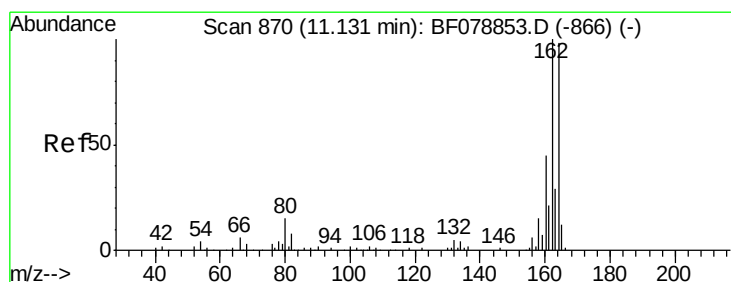
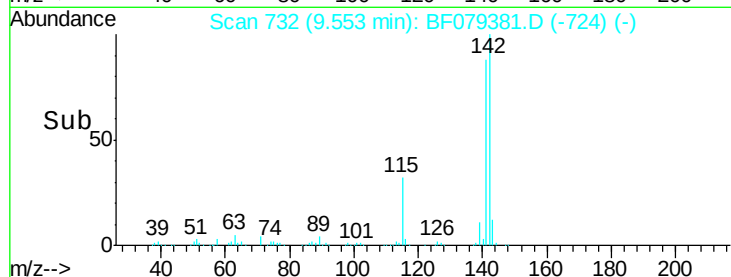
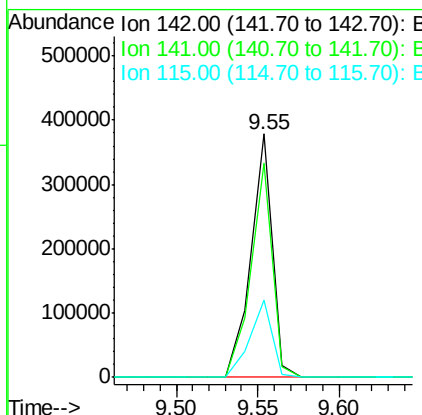
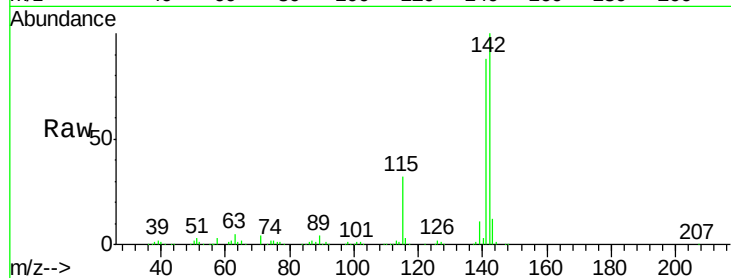
#37
2-Methylnaphthalene
Concen: 37.63 ng
RT: 9.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampled :
PB83494BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.6	107.4
115	31.9	24.2	36.4

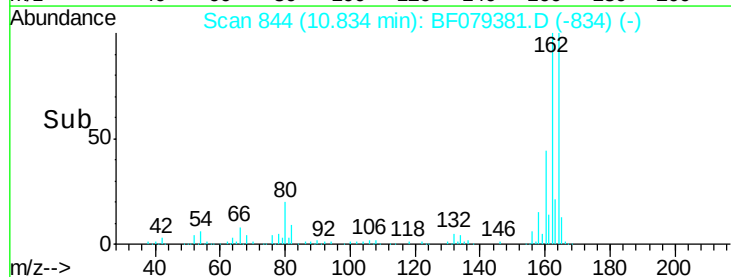
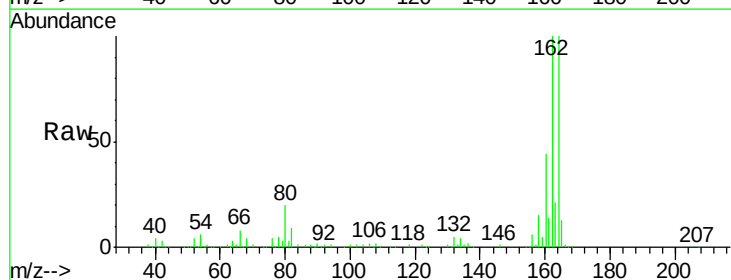
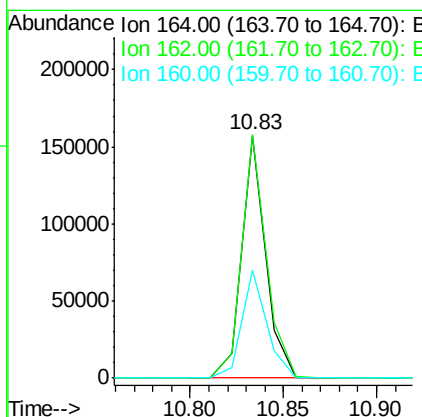
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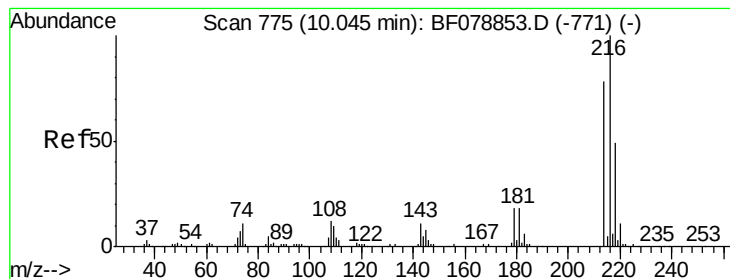
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.6	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.19 ng

RT: 9.76 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

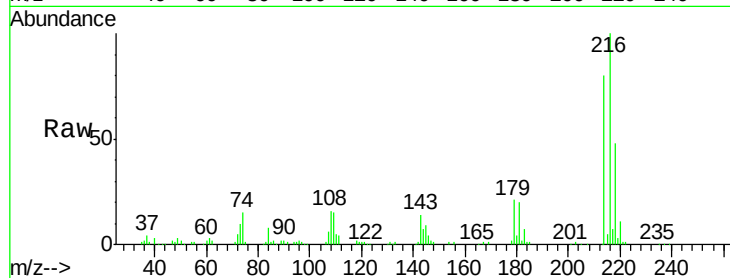
ClientSampleId :

PB83494BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		135576		
214	79.6		64.0	96.0	
179	21.8		17.0	25.4	
108	23.4		17.0	25.6	

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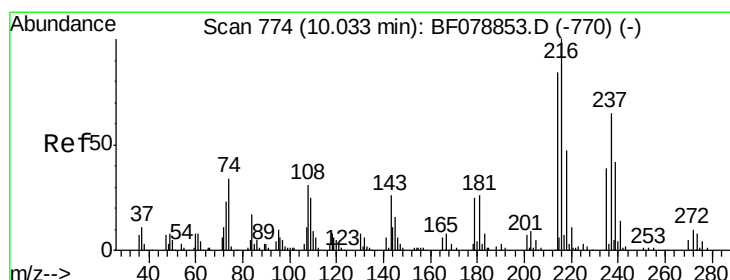
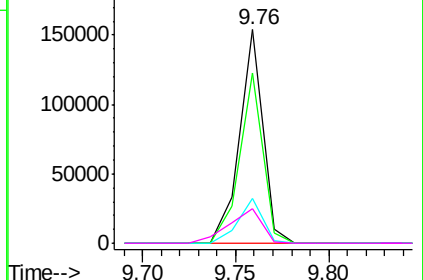
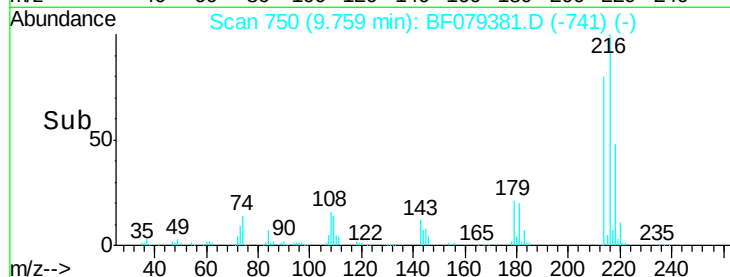


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.79 ng

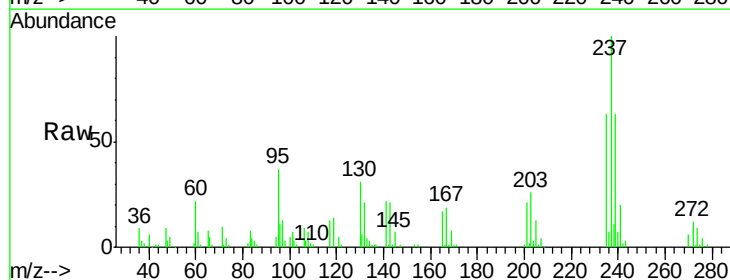
RT: 9.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

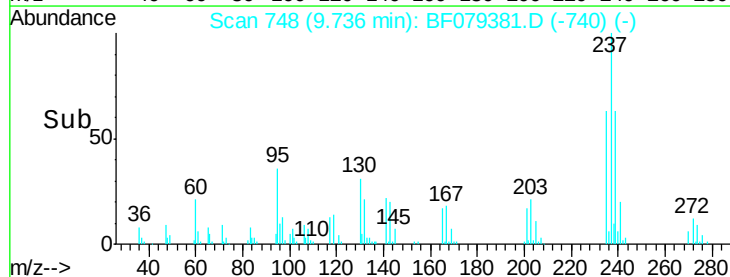
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		101273		
235	63.3		40.0	80.0	
272	11.8		0.0	36.0	



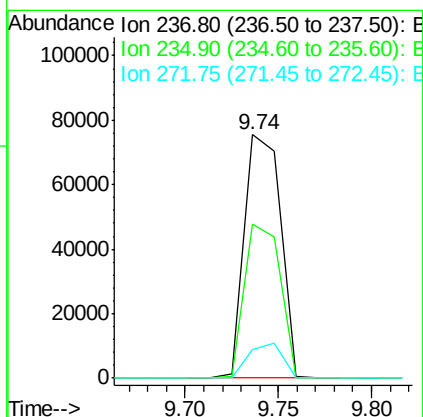
Abundance Ion 236.80 (236.50 to 237.50): E

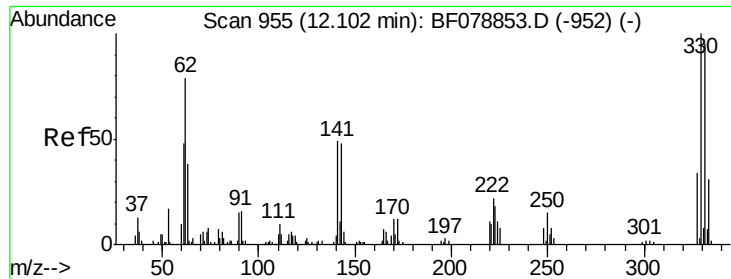
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





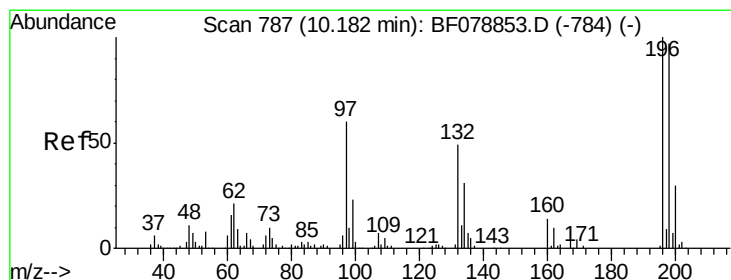
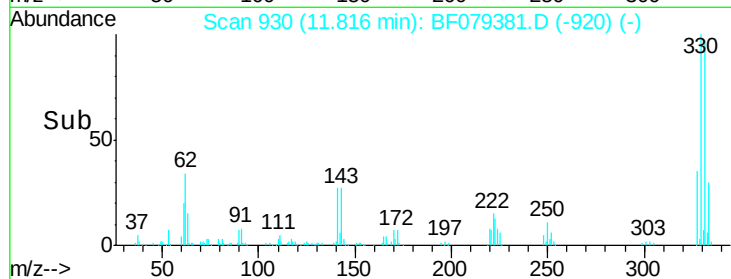
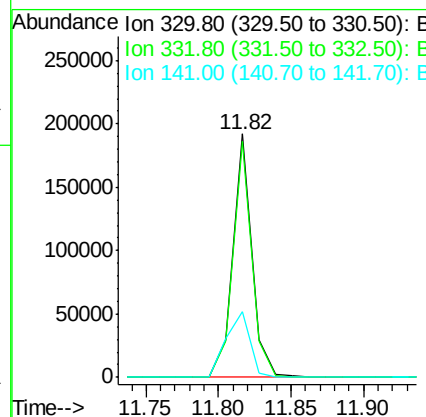
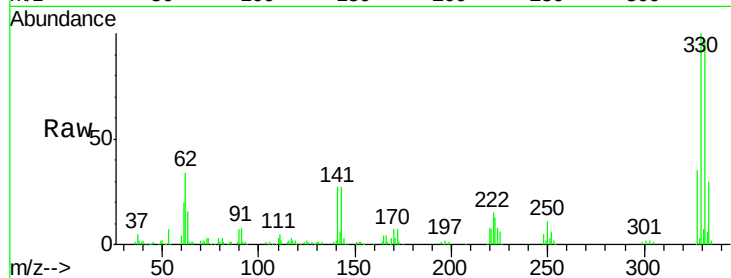
#41
 2,4,6-Tribromophenol
 Concen: 115.33 ng
 RT: 11.82 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampled :
 PB83494BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175665		
332	96.4	76.9	115.3	
141	34.2	27.8	41.8	

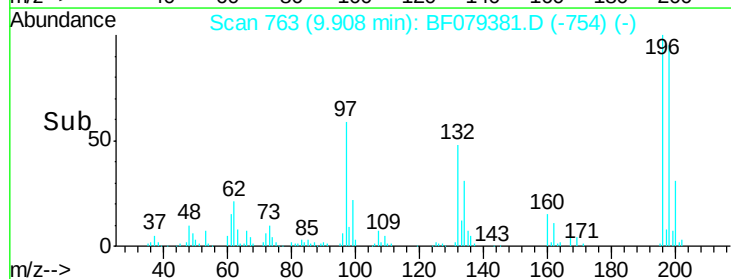
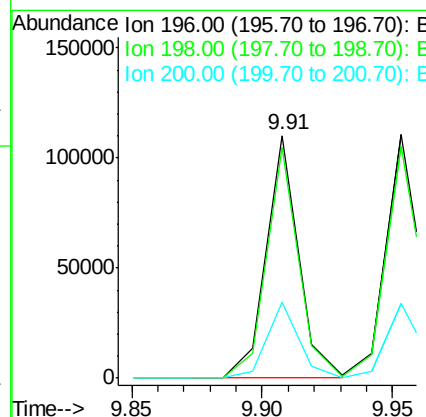
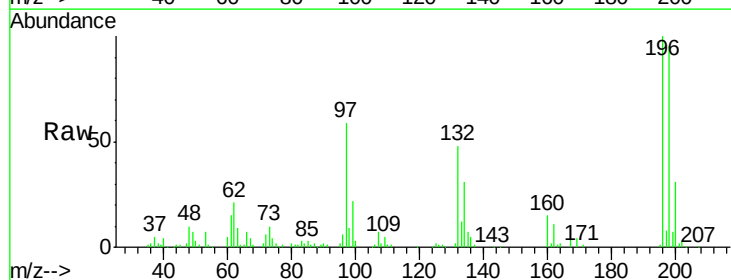
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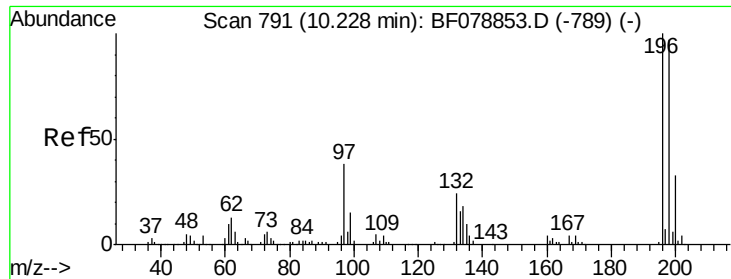
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#42
 2,4,6-Trichlorophenol
 Concen: 35.27 ng
 RT: 9.91 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	96141		
198	95.0	77.4	116.2	
200	31.1	23.7	35.5	





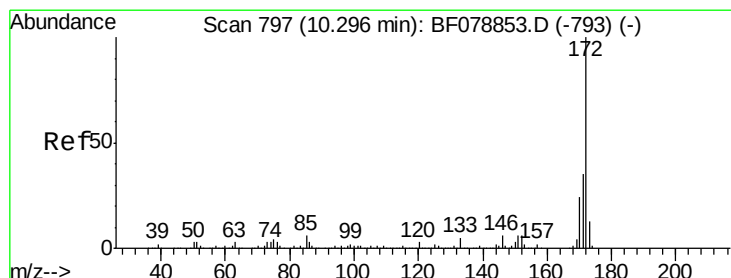
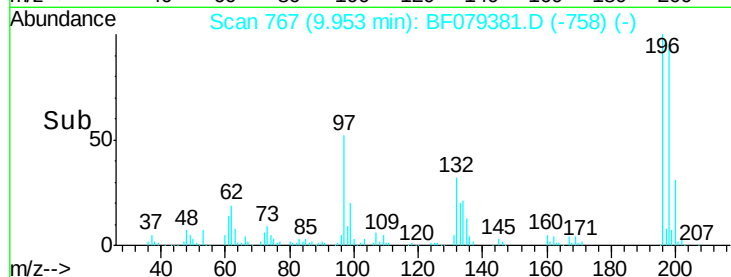
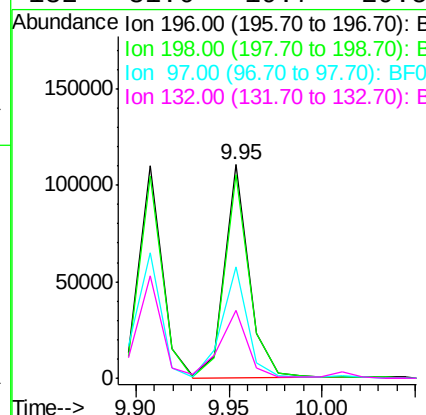
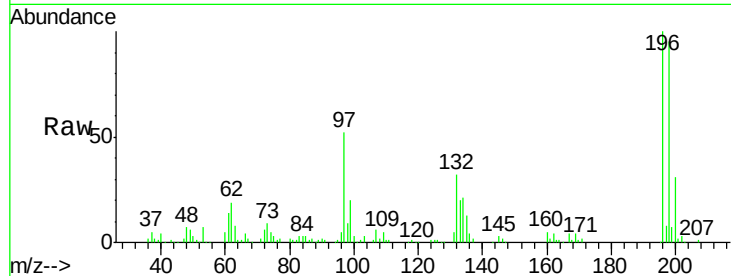
#43
 2,4,5-Trichlorophenol
 Concen: 36.68 ng
 RT: 9.95 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Tot Ion:	196	Resp:	101093
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.3	115.9
97	52.2	31.3	46.9#
132	31.6	19.7	29.5#

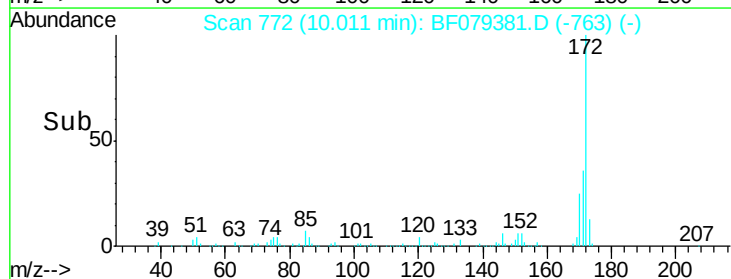
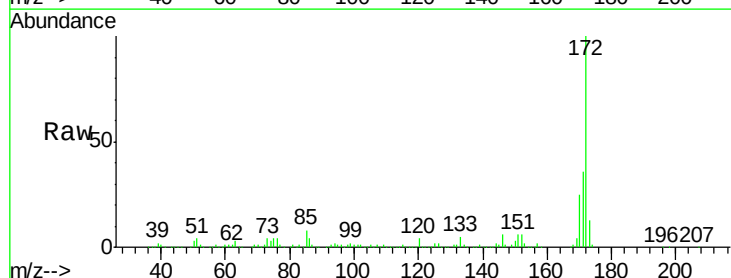
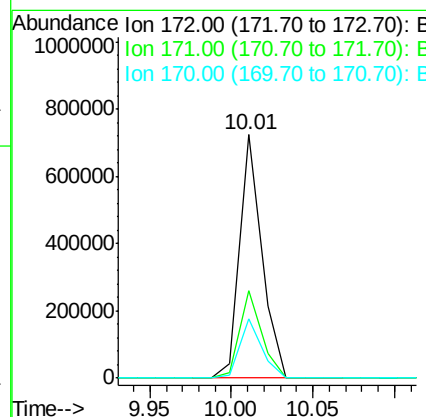
Manual Integrations
 APPROVED

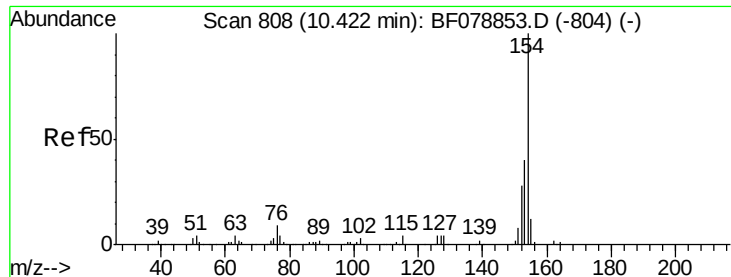
apatel
 5/21/2015 4:27:34 PM



#44
 2-Fluorobiphenyl
 Concen: 66.74 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:	172	Resp:	674444
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.3	42.5
170	24.6	19.4	29.2





#45

1,1'-Biphenyl

Concen: 36.11 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

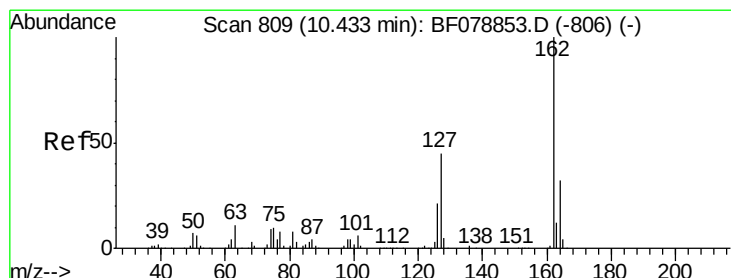
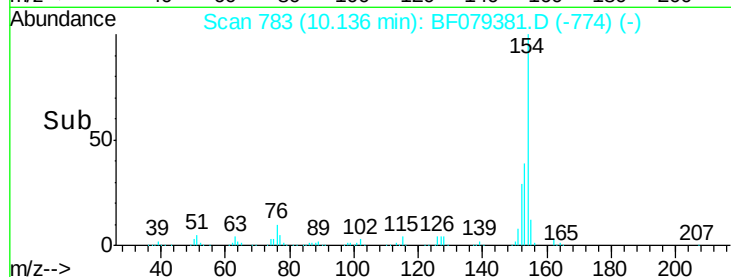
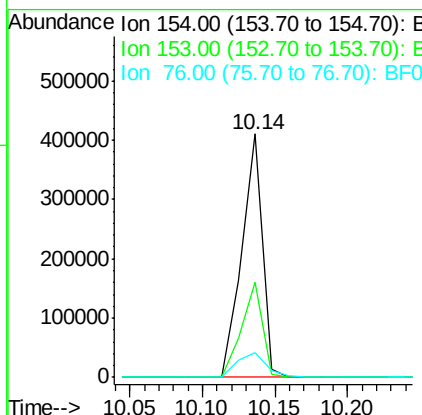
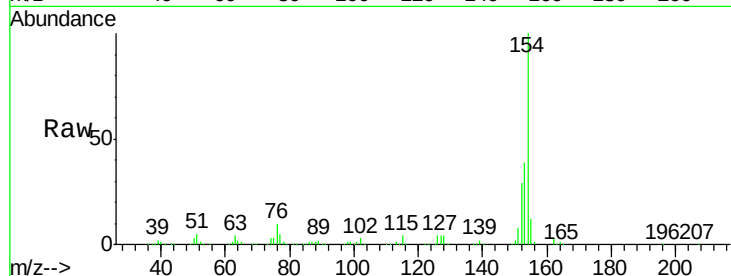
ClientSampled :

PB83494BS

Tot Ion:	154	Resp:	404195
Ion Ratio	Lower	Upper	
154	100		
153	39.0	19.7	59.7
76	10.1	0.0	29.1

Manual Integrations
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apatel
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#46

2-Chloronaphthalene

Concen: 34.13 ng

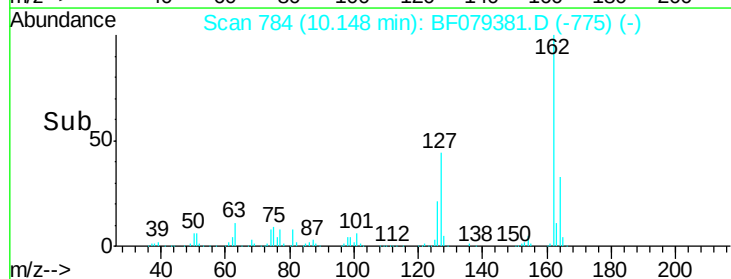
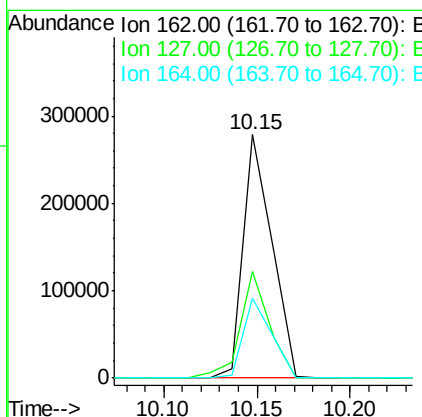
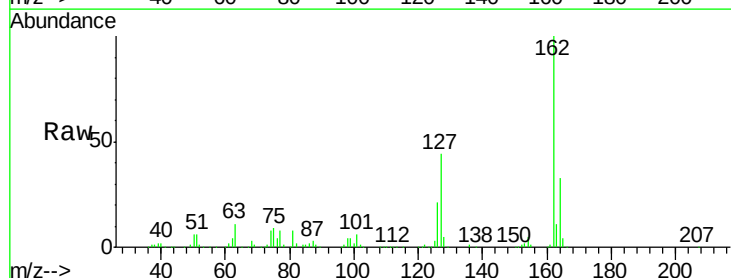
RT: 10.15 min Scan# 784

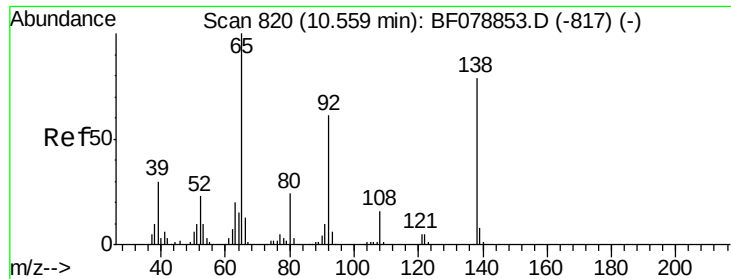
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	162	Resp:	297964
Ion Ratio	Lower	Upper	
162	100		
127	43.7	36.3	54.5
164	32.8	25.9	38.9





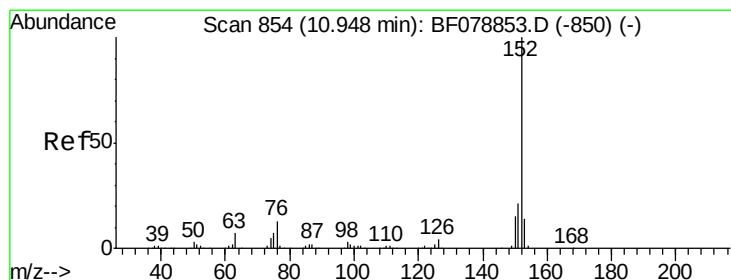
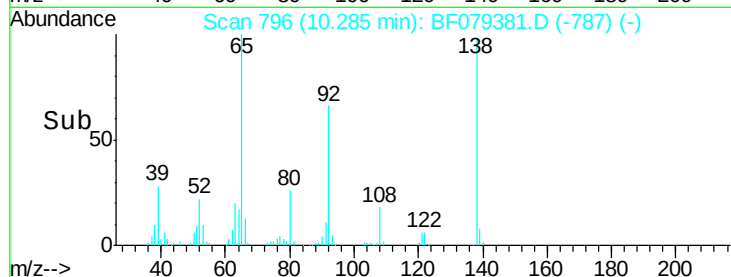
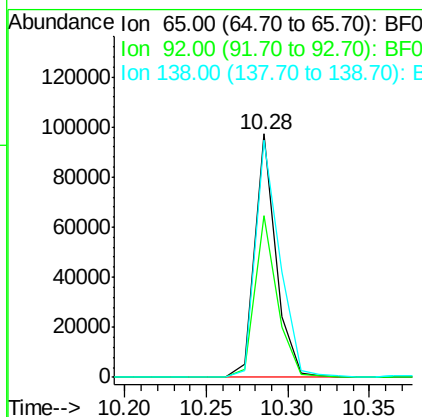
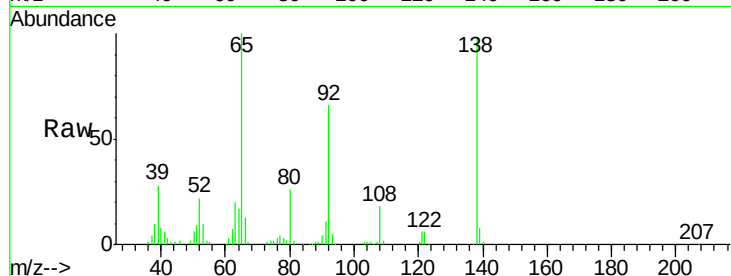
#47
2-Nitroaniline
Concen: 35.22 ng
RT: 10.28 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	49.1	73.7
138	97.5	63.2	94.8

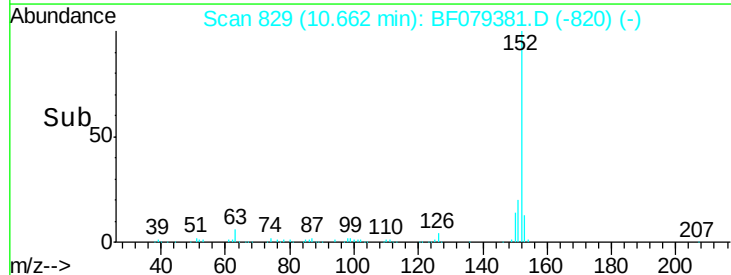
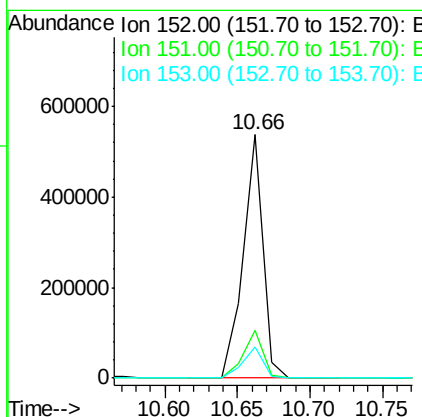
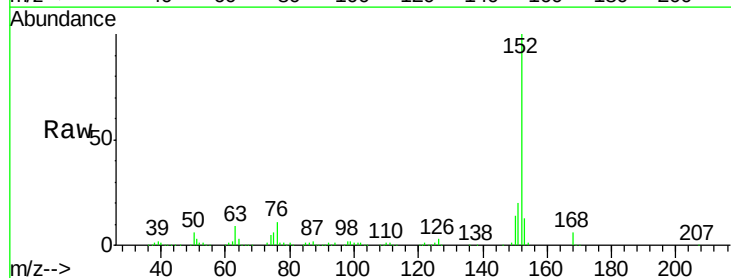
Manual Integrations
APPROVED

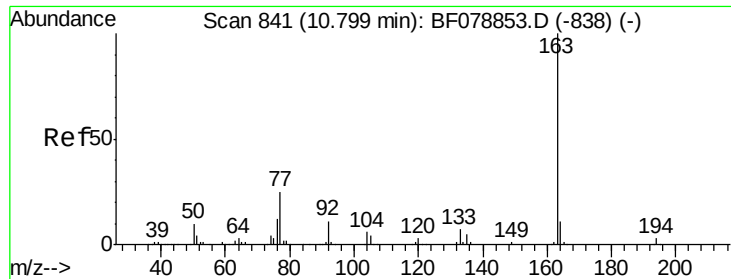
apatel
5/21/2015 4:27:34 PM



#48
Acenaphthylene
Concen: 35.51 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	12.9	11.0	16.6





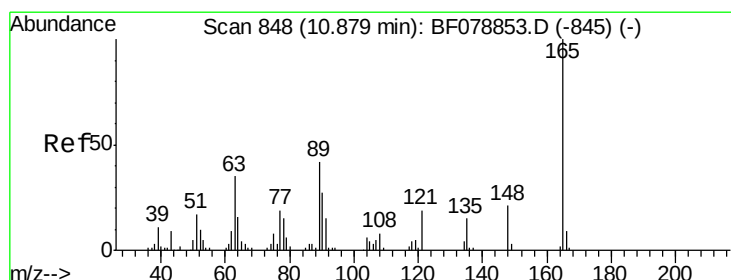
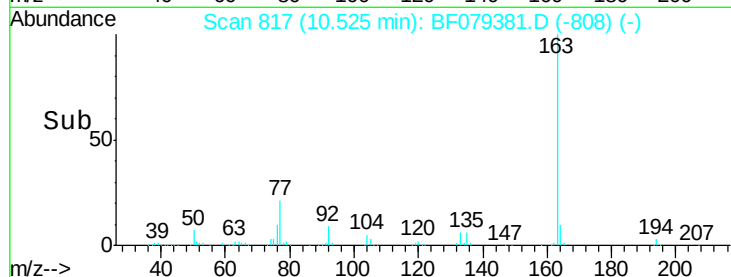
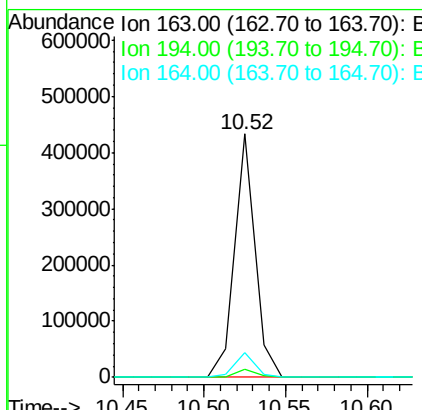
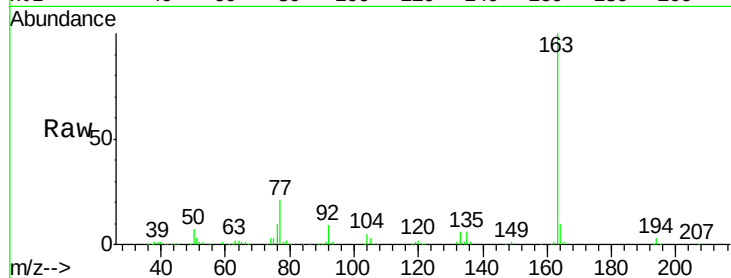
#49
Dimethylphthalate
Concen: 36.07 ng
RT: 10.52 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	372774		
194	3.1		2.4	3.6
164	10.3		8.6	12.8

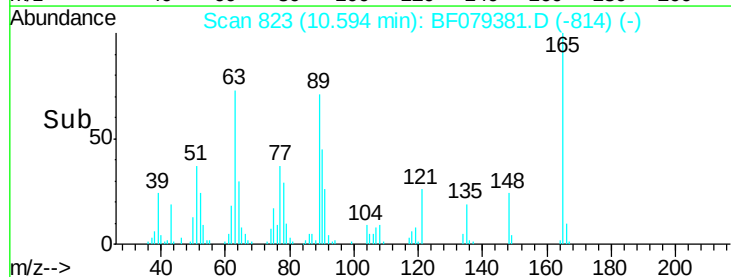
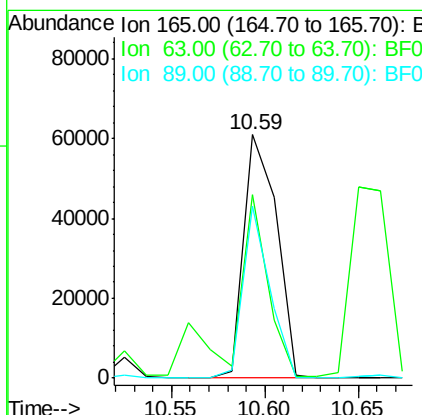
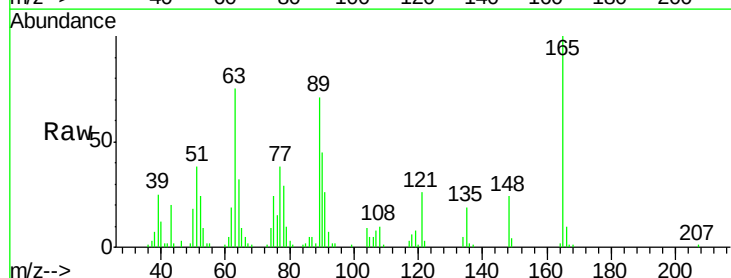
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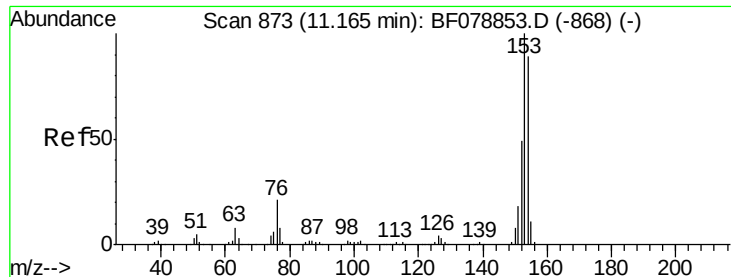
apatel
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#50
2,6-Dinitrotoluene
Concen: 36.56 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	74563		
63	75.4		29.2	43.8#
89	70.5		33.3	49.9#





#51

Acenaphthene

Concen: 34.48 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

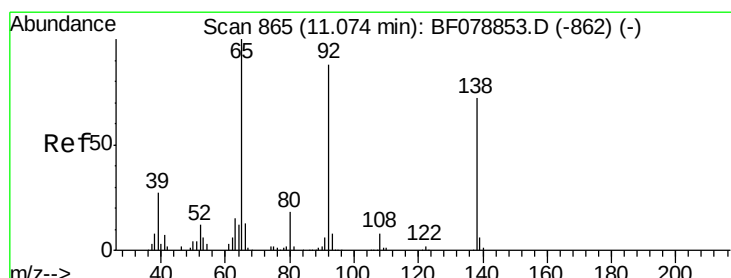
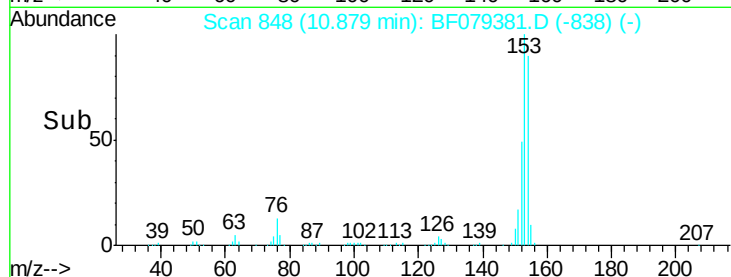
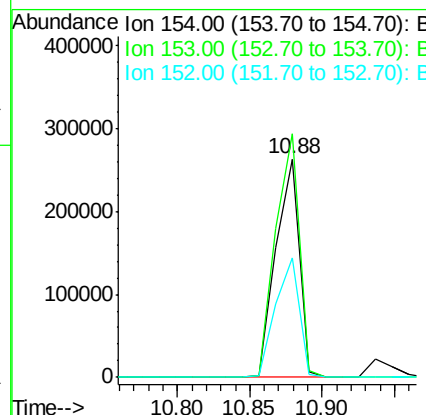
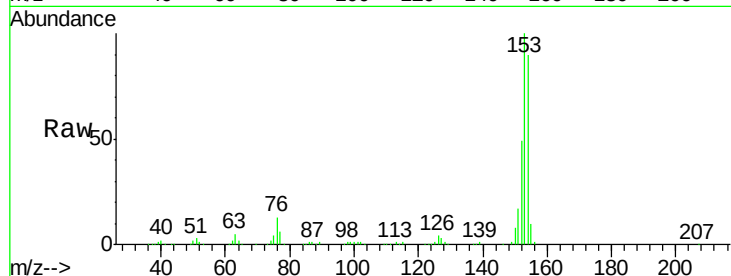
ClientSampleId :

PB83494BS

Tot Ion:	154	Resp:	294784
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.2	135.2
152	54.5	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.42 ng

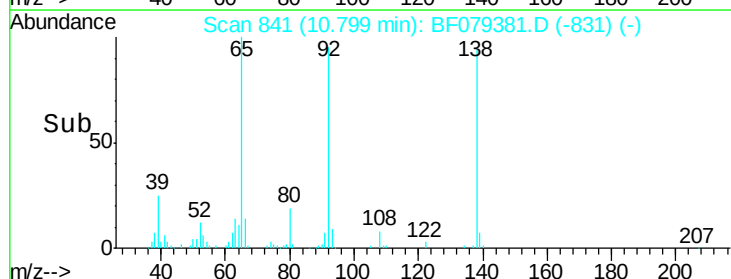
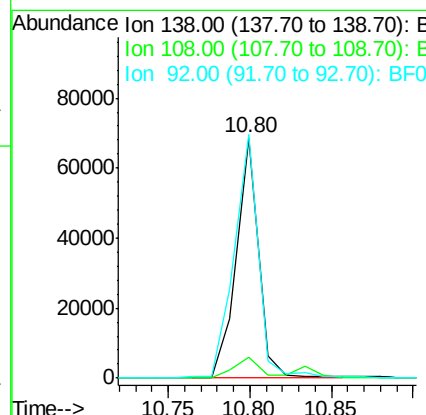
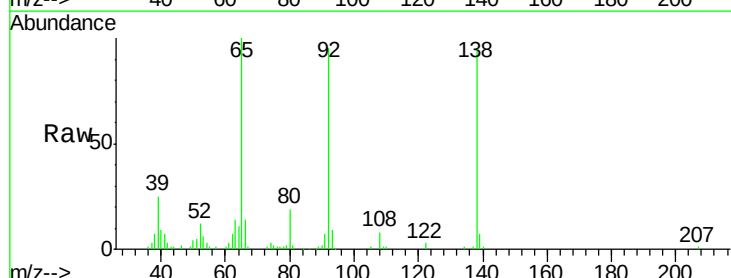
RT: 10.80 min Scan# 841

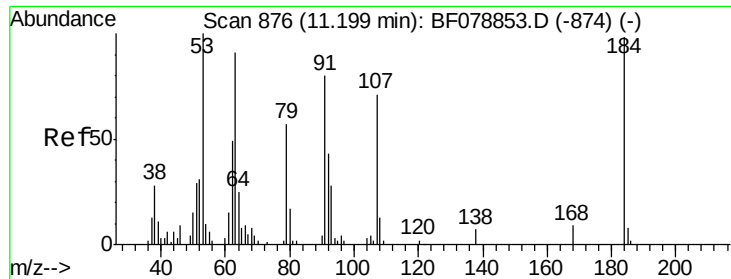
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	138	Resp:	64757
Ion Ratio	Lower	Upper	
138	100		
108	8.8	8.5	12.7
92	101.3	97.4	146.0





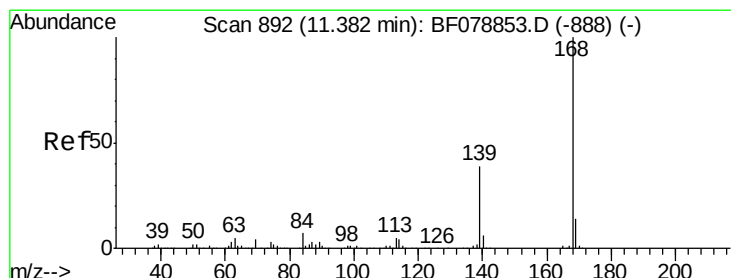
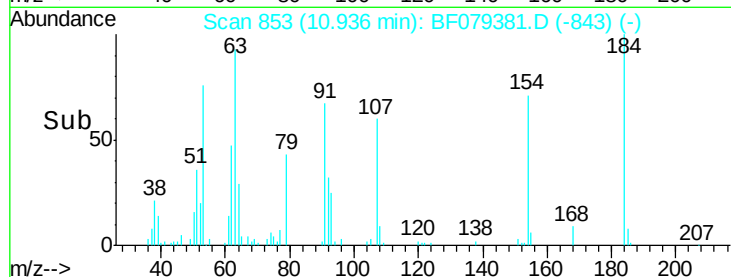
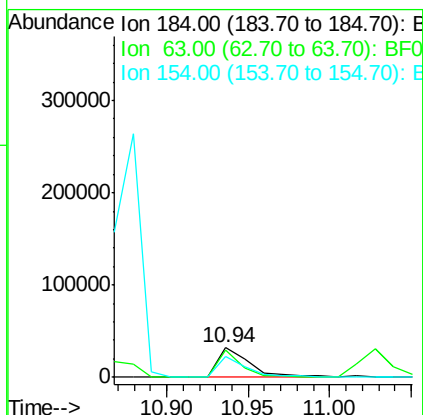
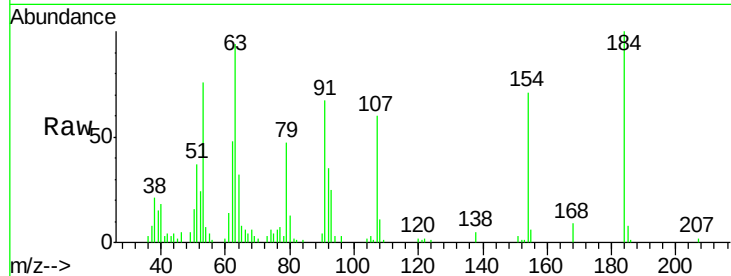
#53
2,4-Dinitrophenol
Concen: 60.40 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	93.8	98.8	148.2#
154	71.5	63.4	95.0

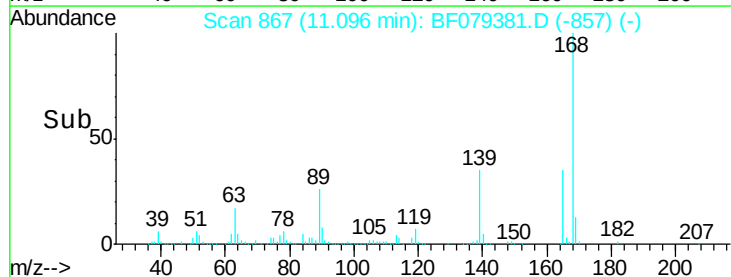
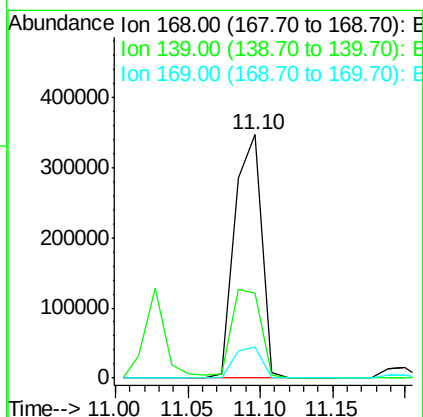
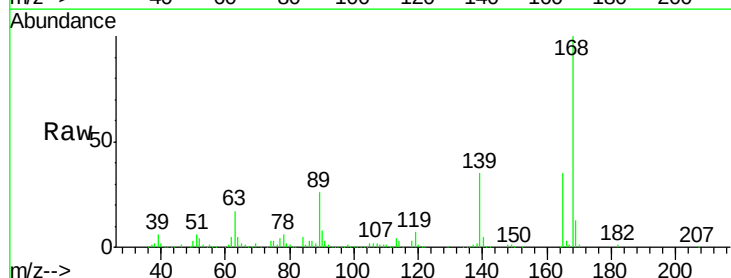
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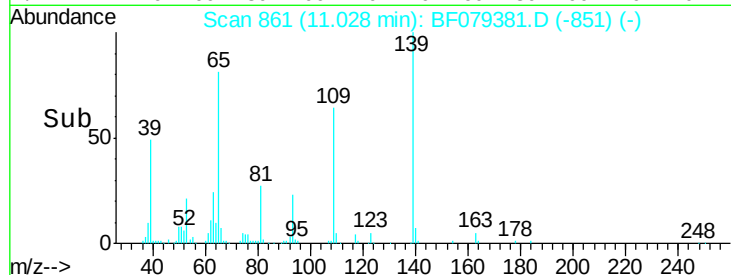
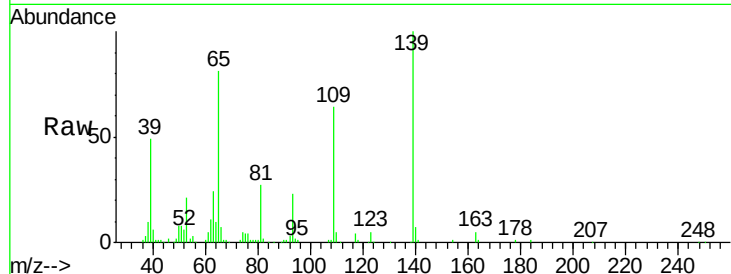
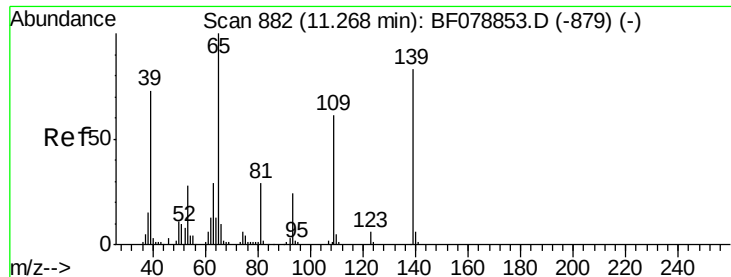
apatel
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#54
Dibenzofuran
Concen: 35.95 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	31.5	47.3
169	12.7	11.0	16.4





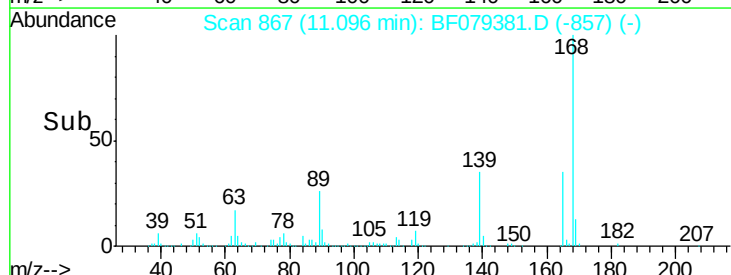
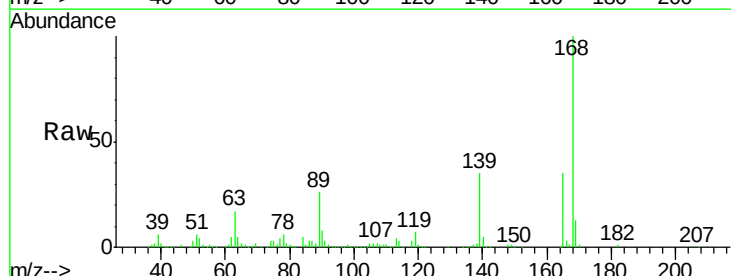
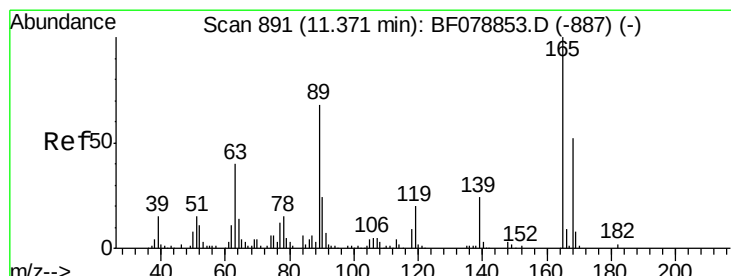
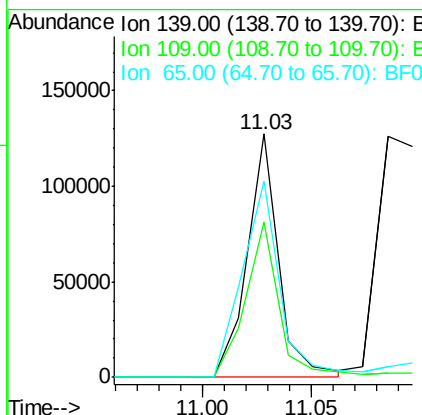
#55
4-Nitrophenol
Concen: 63.46 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.0	54.4	94.4	
65	80.7	101.0	141.0	

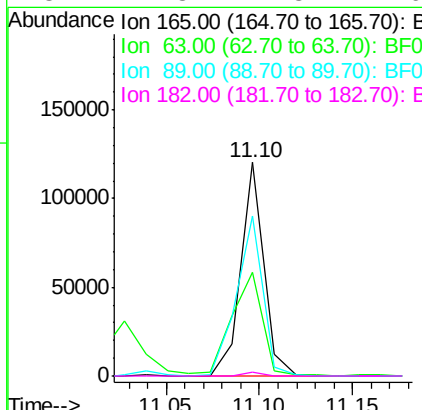
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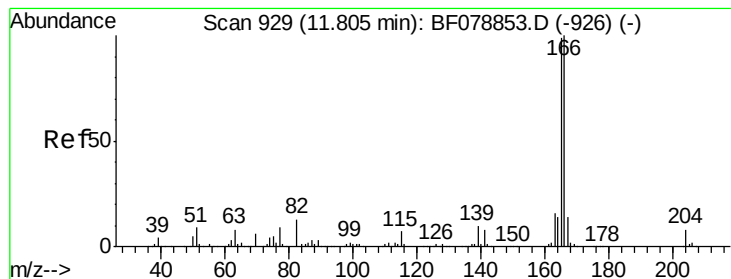
apatel
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#56
2,4-Dinitrotoluene
Concen: 38.42 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.8	32.3	48.5	
89	75.1	54.6	81.8	
182	1.8	1.8	2.6	





#57

Fluorene

Concen: 35.82 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

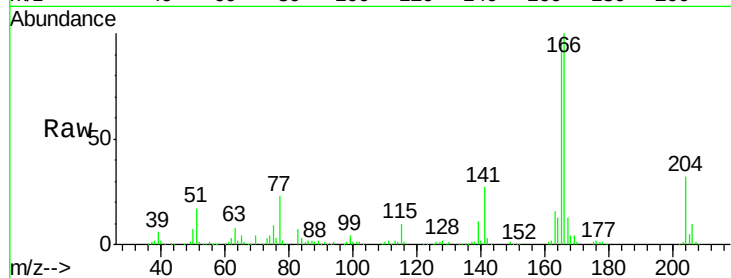
ClientSampleId :

PB83494BS

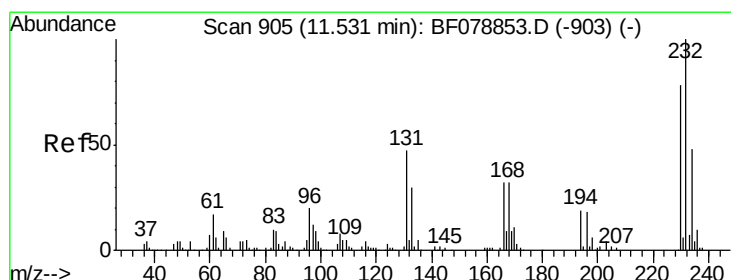
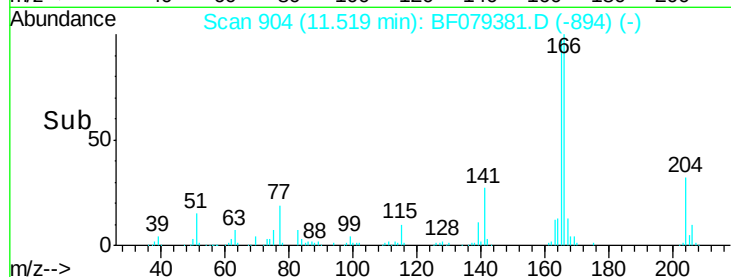
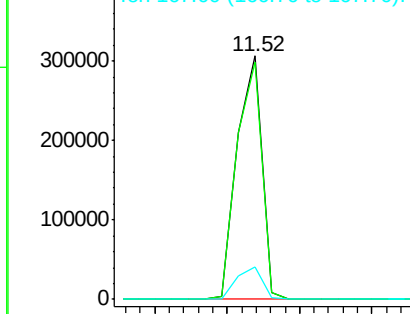
Tot Ion:	166	Resp:	363091
Ion Ratio		Lower	Upper
166	100		
165	97.2	79.5	119.3
167	13.1	11.0	16.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.20 ng

RT: 11.24 min Scan# 880

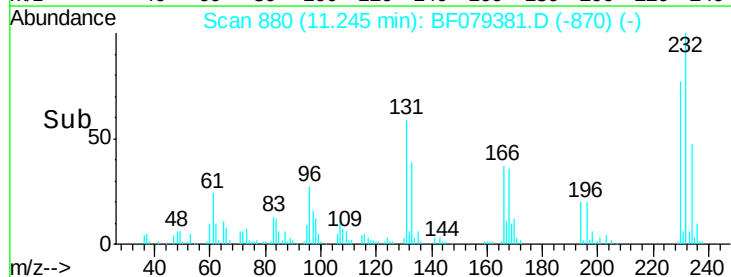
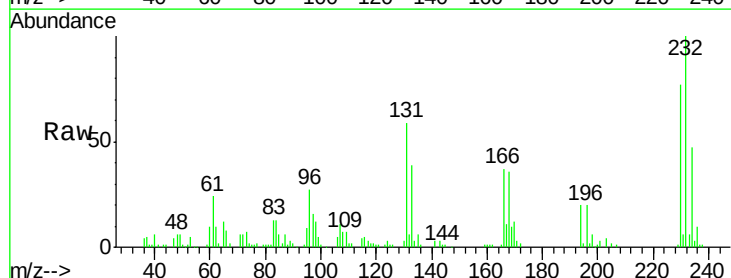
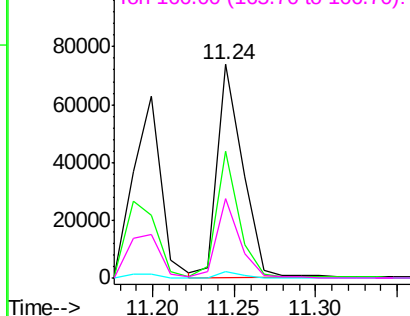
Delta R.T. -0.00 min

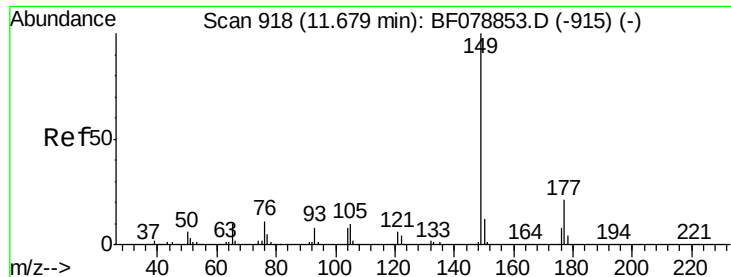
Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	232	Resp:	79284
Ion Ratio		Lower	Upper
232	100		
131	52.4	41.9	62.9
130	2.4	1.9	2.9
166	34.5	27.0	40.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





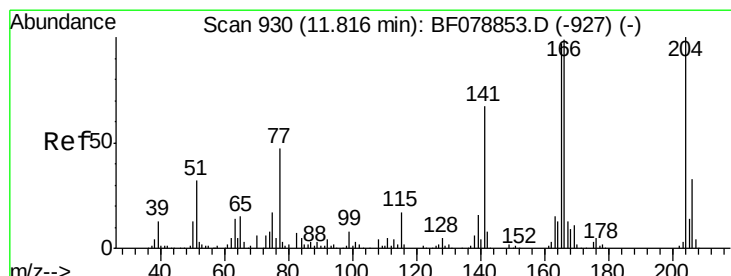
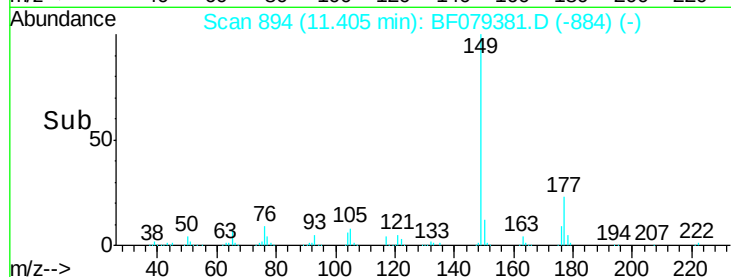
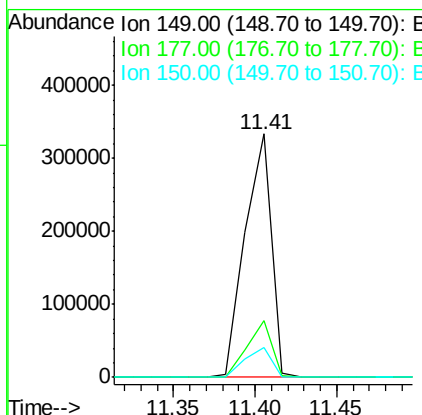
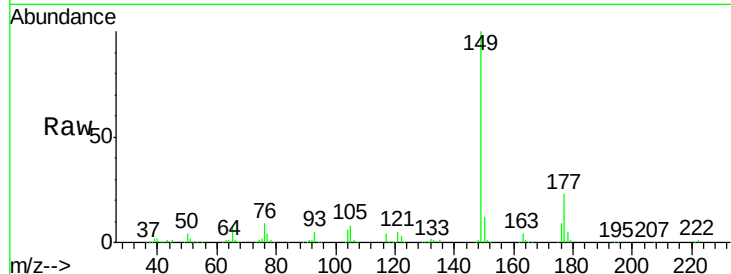
#59
Diethylphthalate
Concen: 36.40 ng
RT: 11.41 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampled :
PB83494BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	372692		
177	23.2	16.4	24.6	
150	12.2	9.8	14.6	

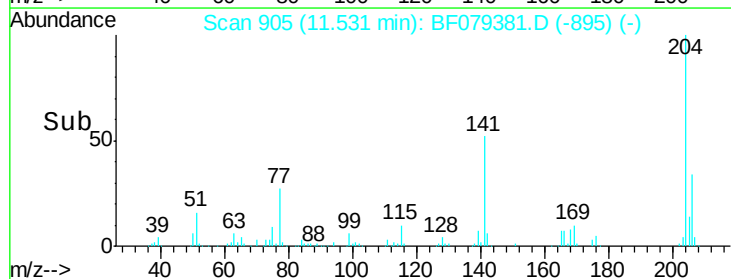
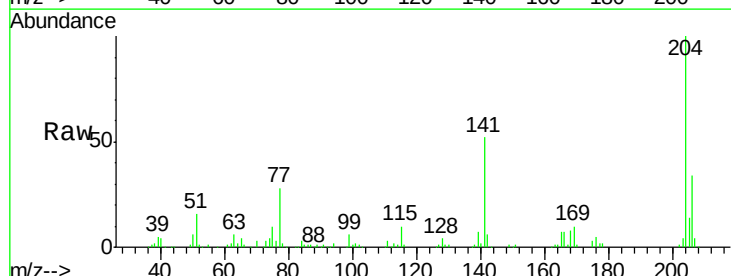
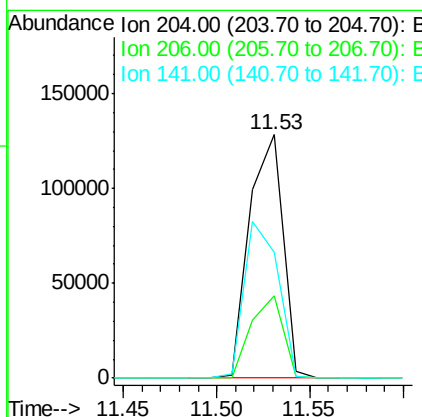
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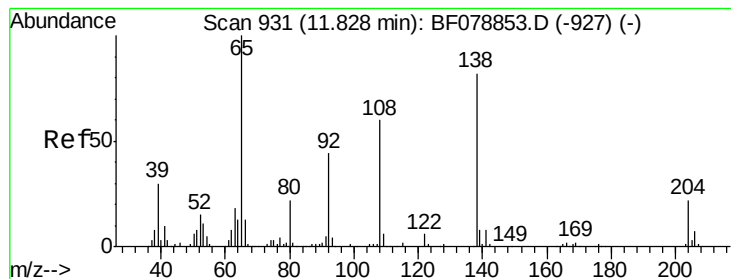
apatel
5/21/2015 4:27:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.42 ng
RT: 11.53 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	159256		
206	33.8	26.2	39.4	
141	51.7	53.6	80.4	





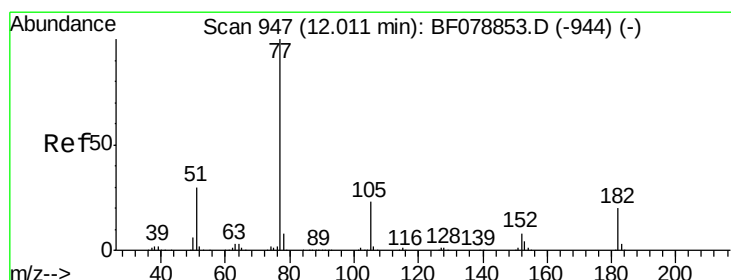
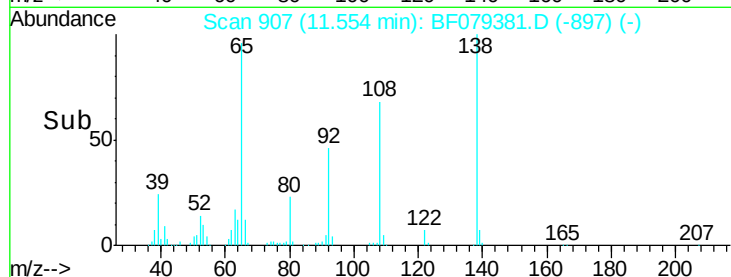
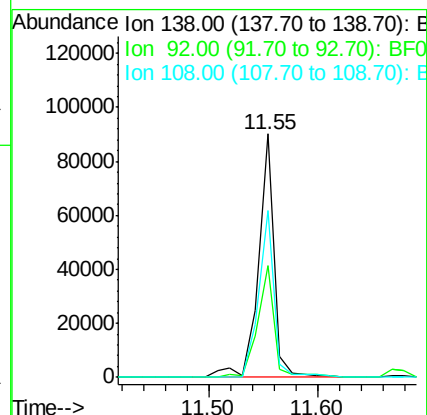
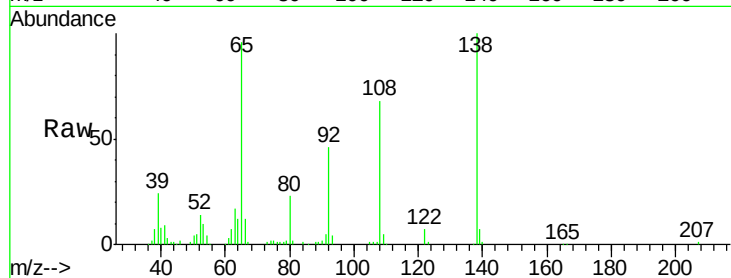
#61
4-Nitroaniline
Concen: 36.11 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	33.7	73.7
108	68.3	53.4	93.4

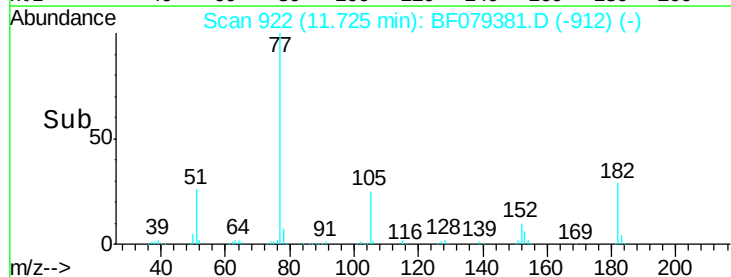
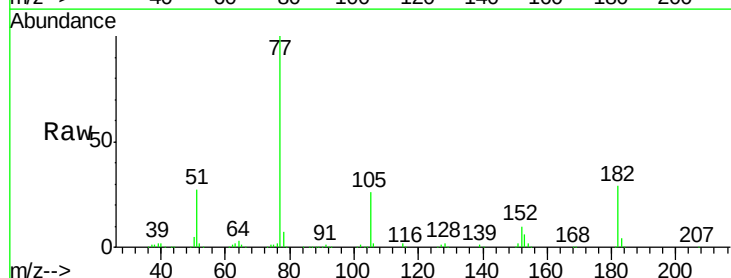
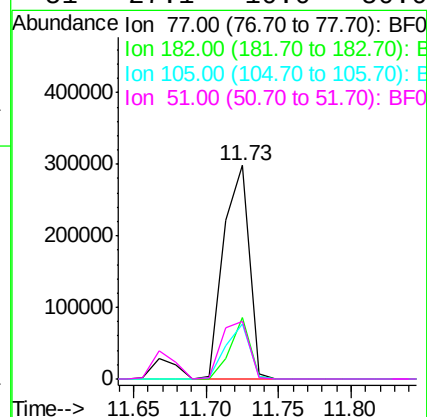
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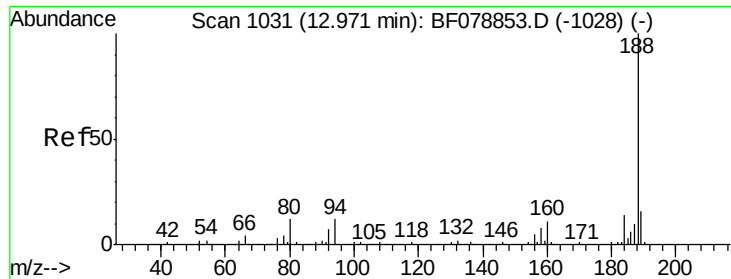
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#62
Azobenzene
Concen: 36.39 ng
RT: 11.73 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	0.0	40.0
105	25.8	2.9	42.9
51	27.1	10.0	50.0





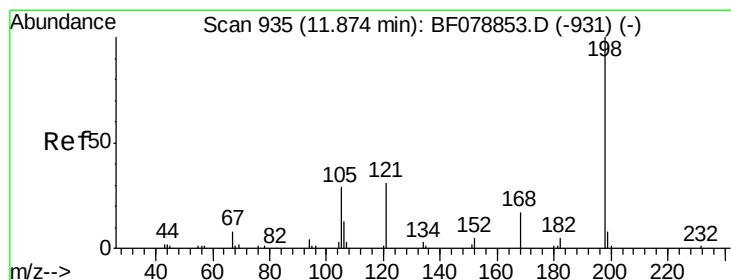
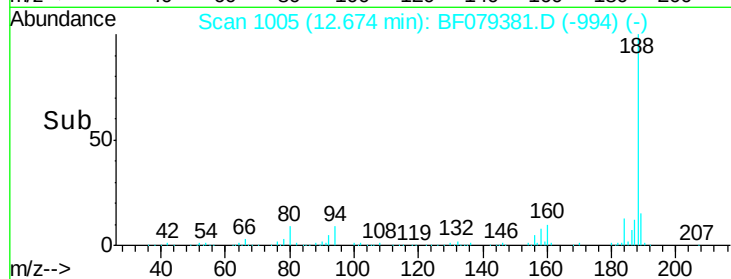
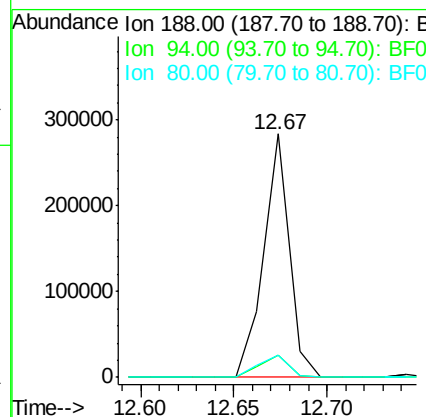
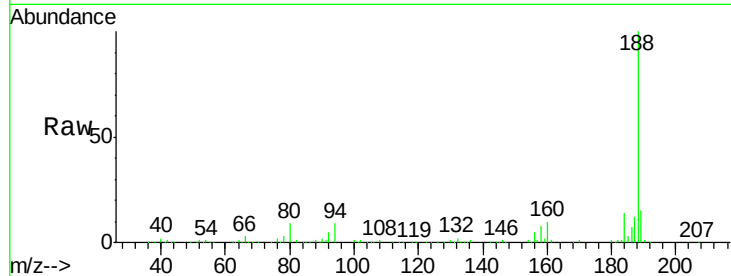
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	9.4	14.0#
80	9.3	9.8	14.6#

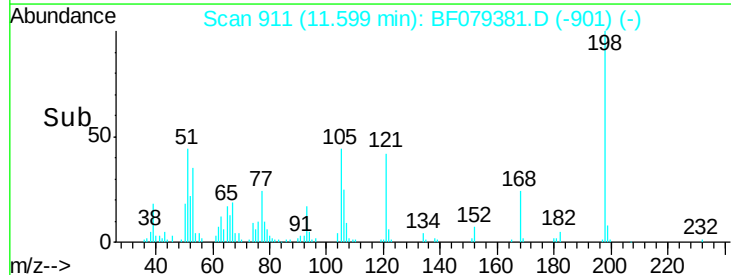
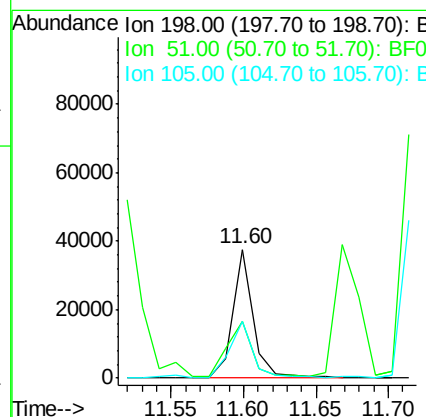
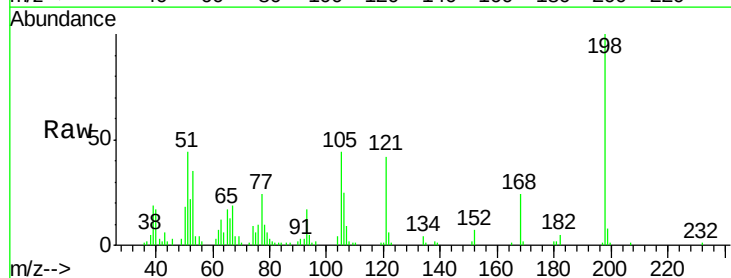
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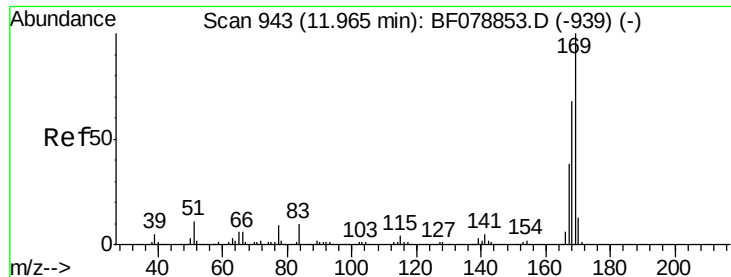
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.22 ng
RT: 11.60 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.7	7.0	47.0
105	44.4	13.7	53.7





#65

n-Nitrosodiphenylamine

Concen: 34.75 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

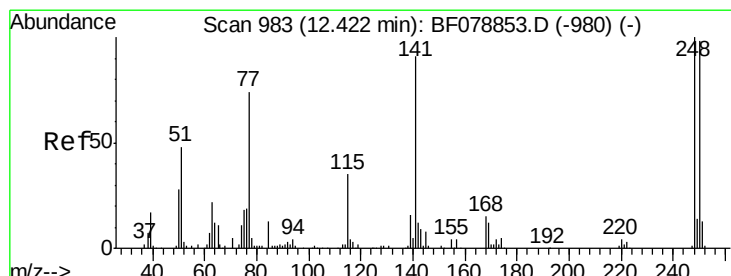
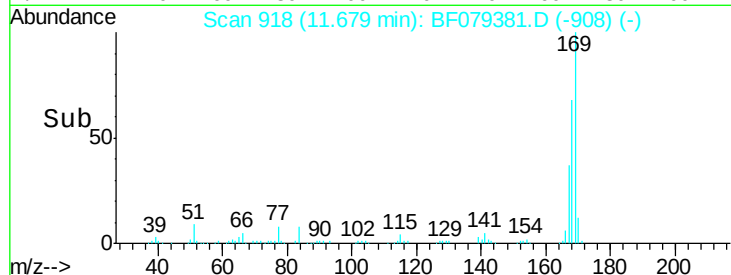
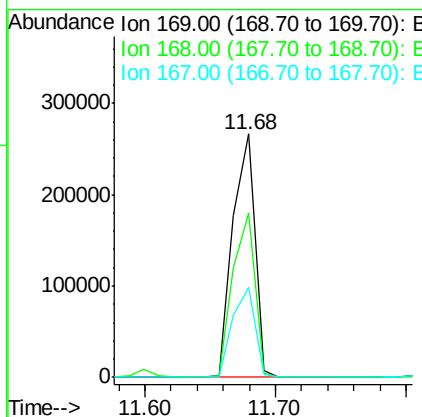
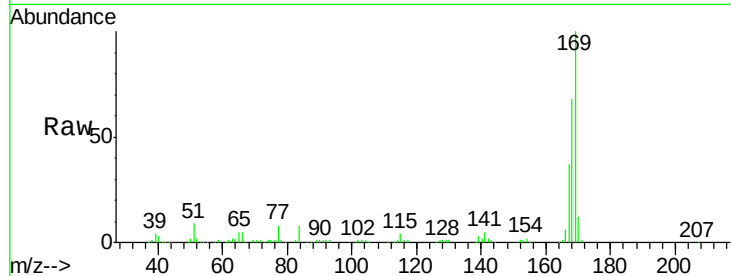
ClientSampleId :

PB83494BS

Tot Ion:	169	Resp:	311748
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.1	81.1
167	36.9	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 34.93 ng

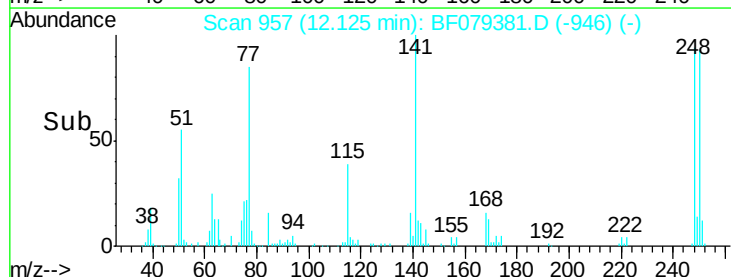
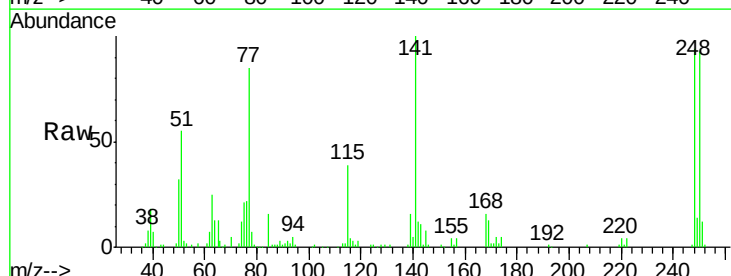
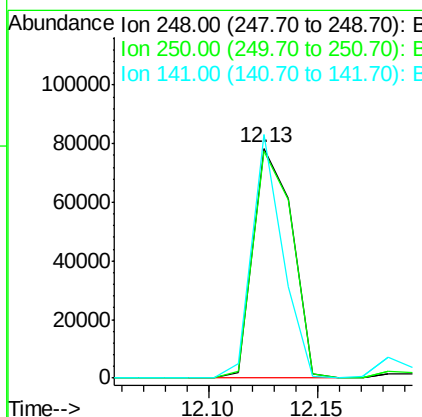
RT: 12.13 min Scan# 957

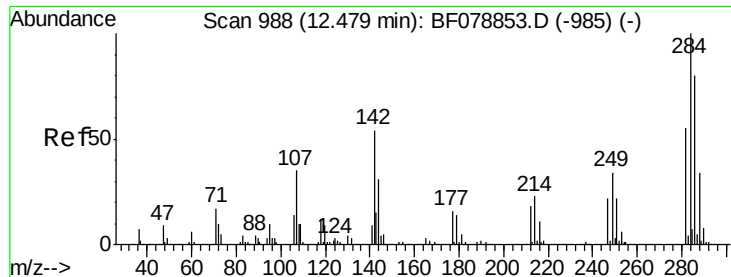
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	248	Resp:	98085
Ion Ratio	Lower	Upper	
248	100		
250	98.6	78.0	117.0
141	105.9	72.6	109.0





#67

Hexachlorobenzene

Concen: 35.34 ng

RT: 12.19 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

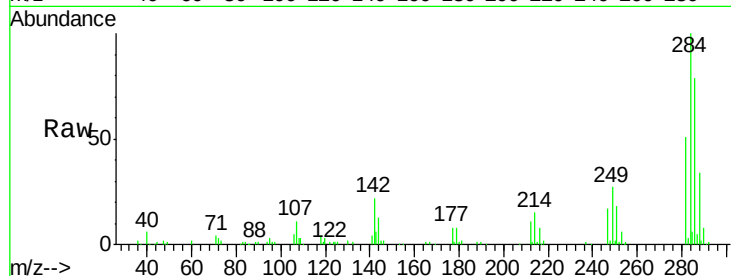
ClientSampleId :

PB83494BS

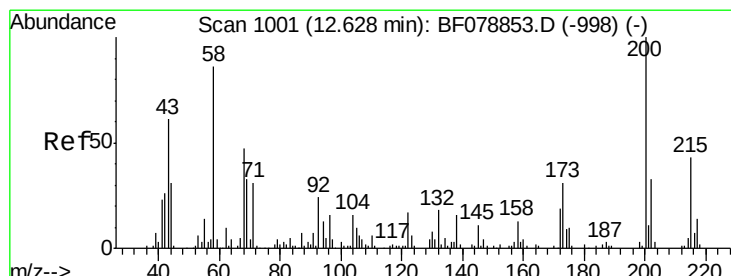
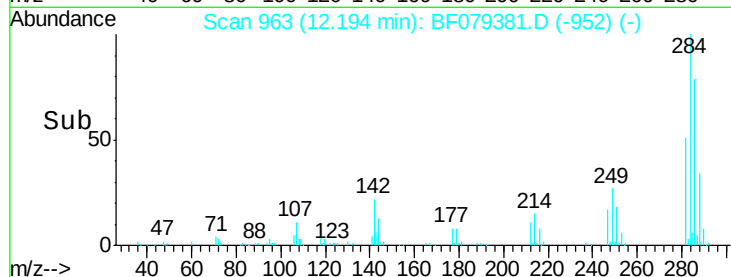
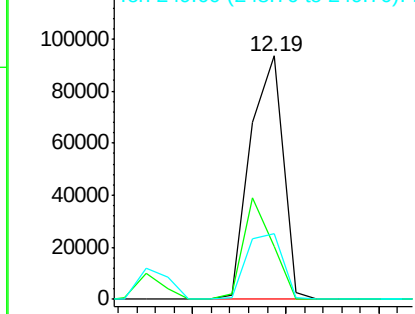
Tot Ion:	284	Resp:	113417
Ion Ratio	Lower	Upper	
284	100		
142	21.6	43.2	64.8#
249	27.1	27.5	41.3#

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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: 38.14 ng

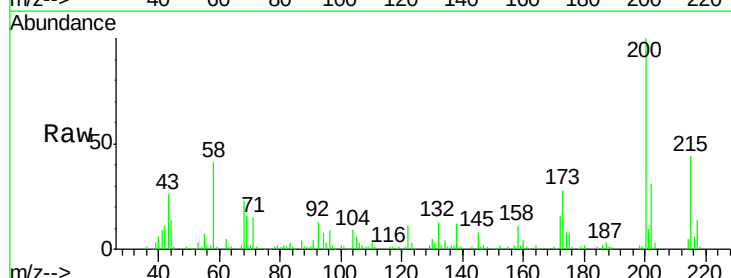
RT: 12.35 min Scan# 977

Delta R.T. -0.00 min

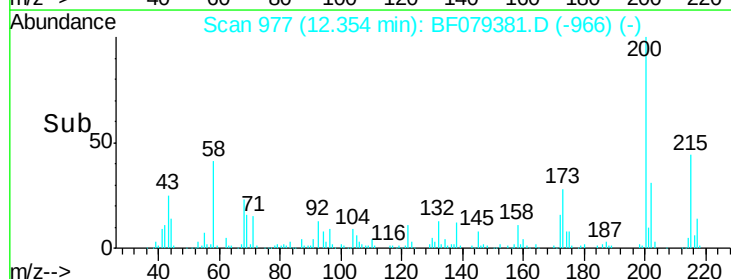
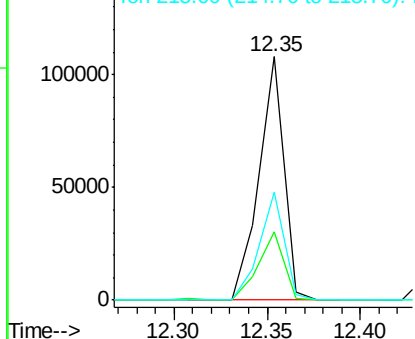
Lab File: BF079381.D

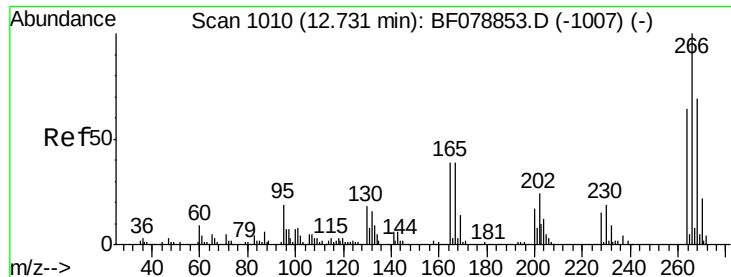
Acq: 20 May 2015 16:36

Tgt Ion:	200	Resp:	99497
Ion Ratio	Lower	Upper	
200	100		
173	28.1	10.9	50.9
215	44.3	23.2	63.2



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





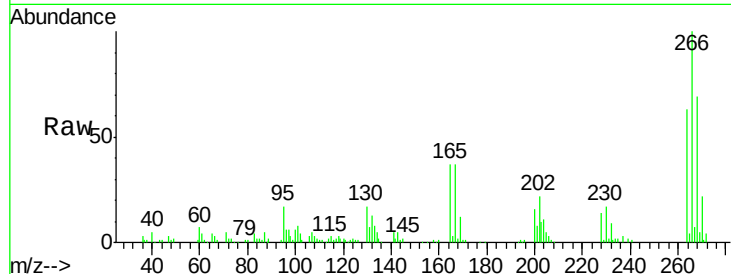
#69
 Pentachlorophenol
 Concen: 58.22 ng
 RT: 12.45 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

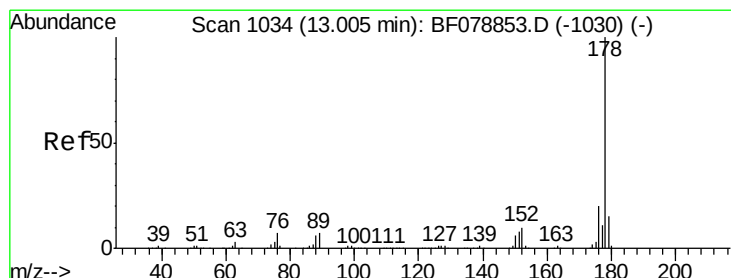
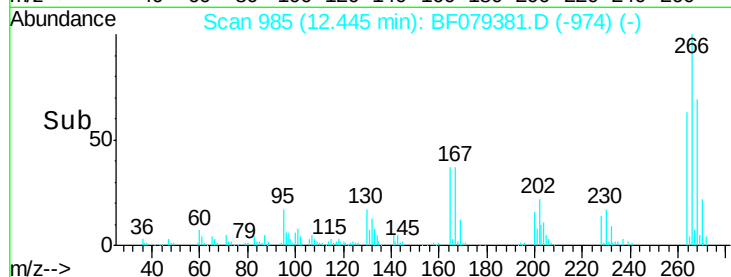
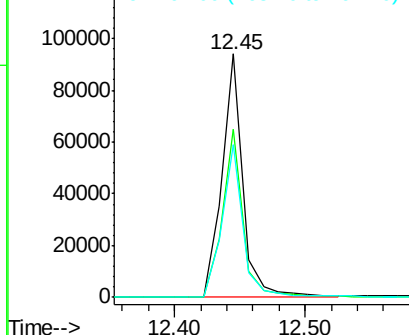
Tot Ion	Ratio	Resp	Lower	Upper
266	100	105495		
268	68.8	55.0	82.6	
264	62.7	50.9	76.3	

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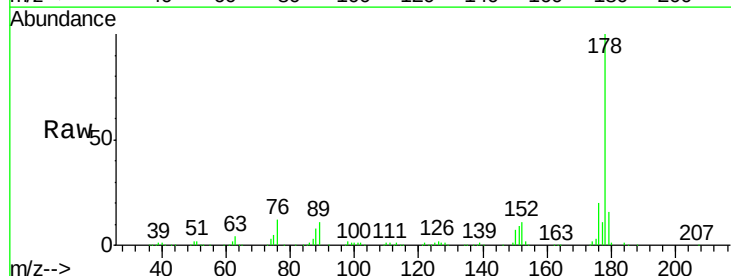


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

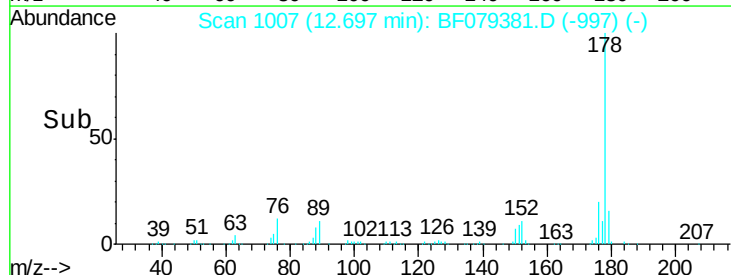
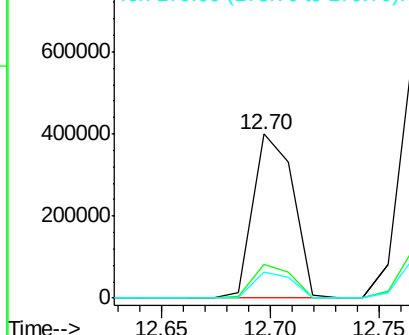


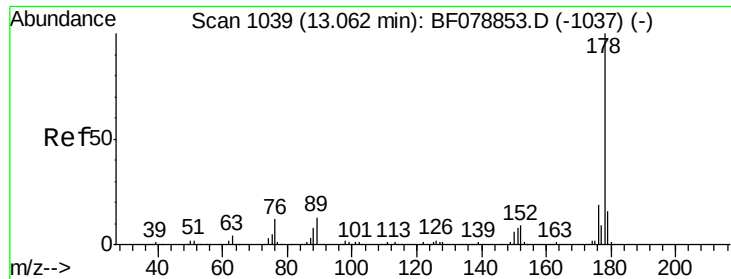
#70
 Phenanthrene
 Concen: 34.18 ng
 RT: 12.70 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	515121		
176	20.2	15.9	23.9	
179	16.0	12.2	18.4	



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





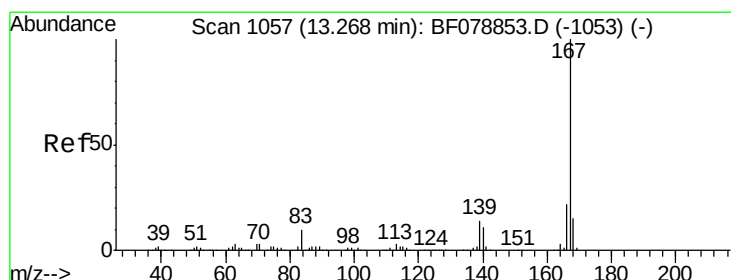
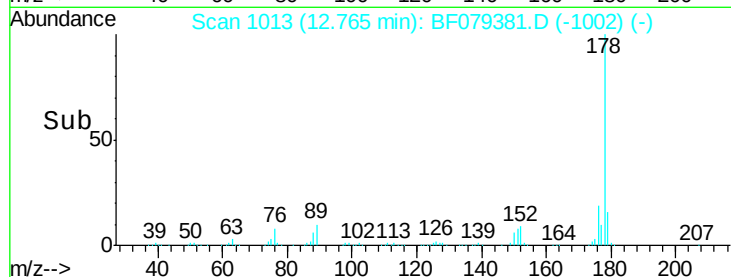
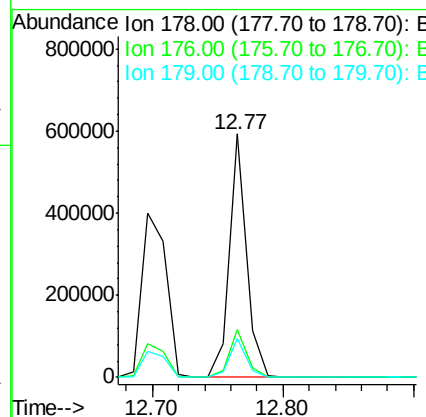
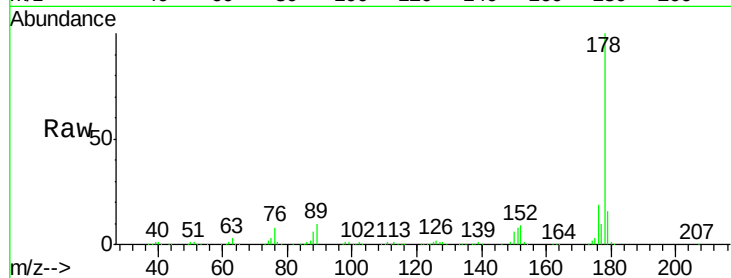
#71
 Anthracene
 Concen: 36.81 ng
 RT: 12.77 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Tot Ion:	178	Resp:	544222
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.3	22.9
179	15.8	12.6	19.0

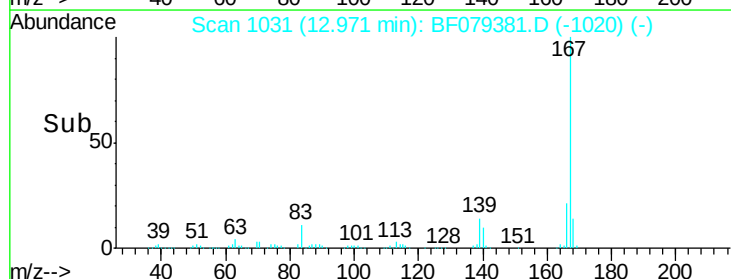
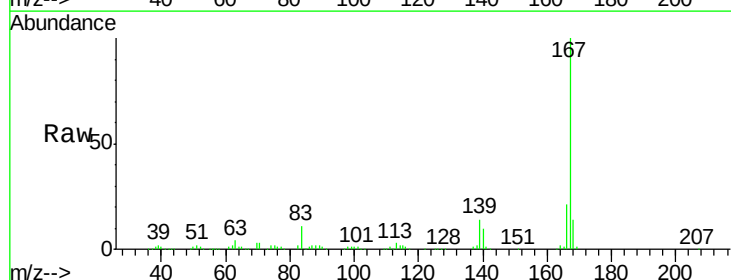
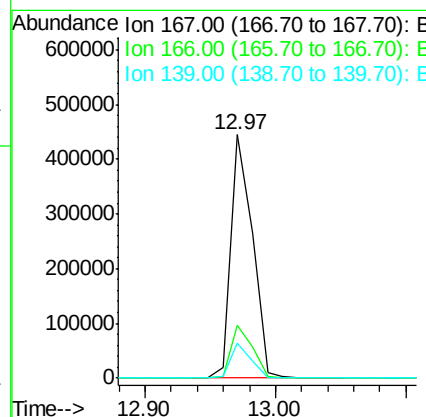
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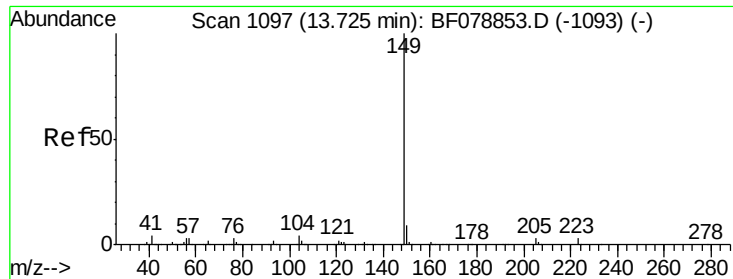
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#72
 Carbazole
 Concen: 36.38 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:	167	Resp:	512660
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.5	26.3
139	14.3	11.0	16.4





#73

Di-n-butylphthalate

Concen: 36.66 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

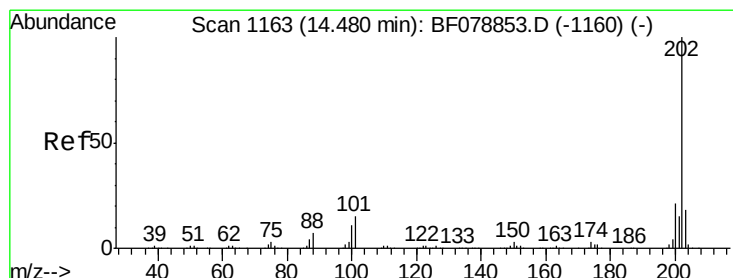
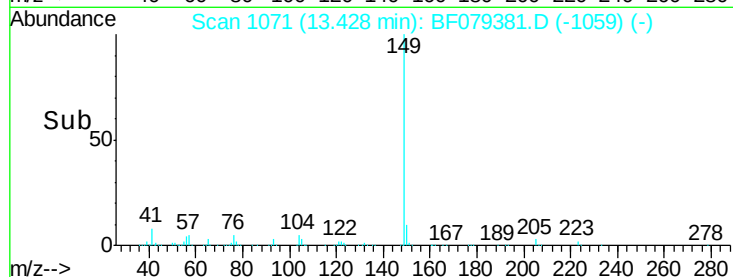
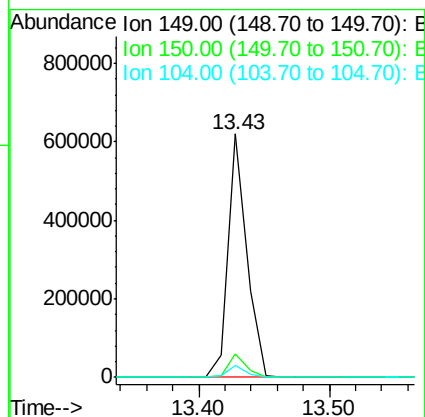
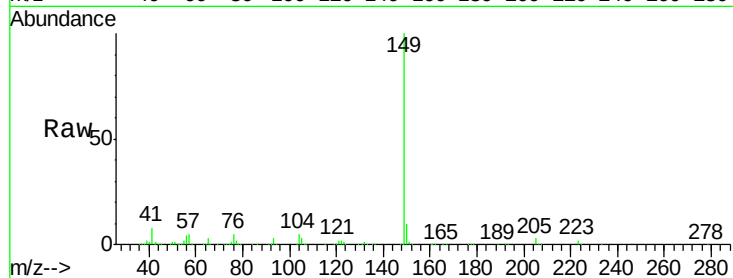
ClientSampleId :

PB83494BS

Tot Ion:	149	Resp:	619540
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.0	10.4
104	5.0	3.3	4.9#

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#74

Fluoranthene

Concen: 36.62 ng

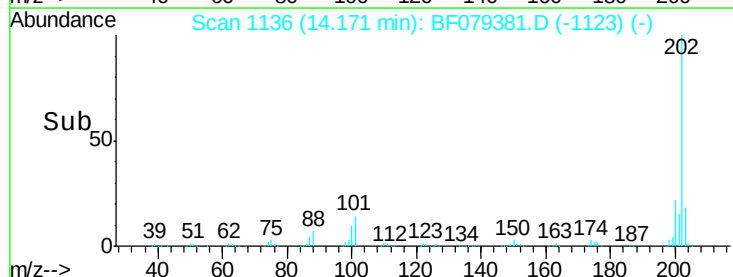
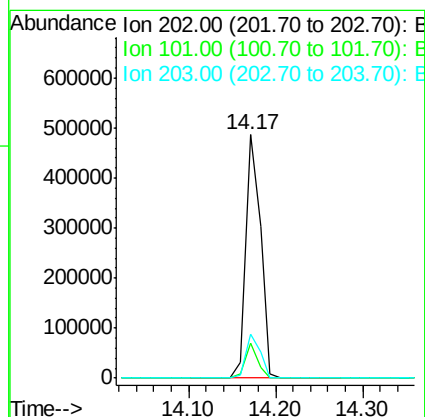
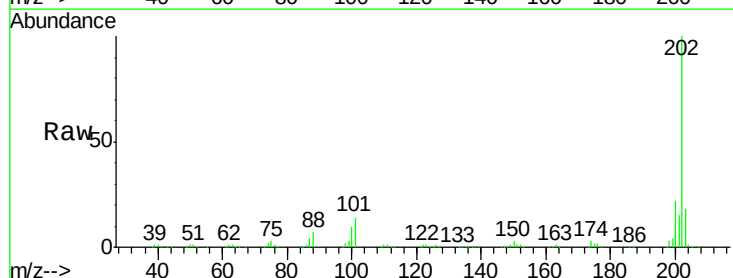
RT: 14.17 min Scan# 1136

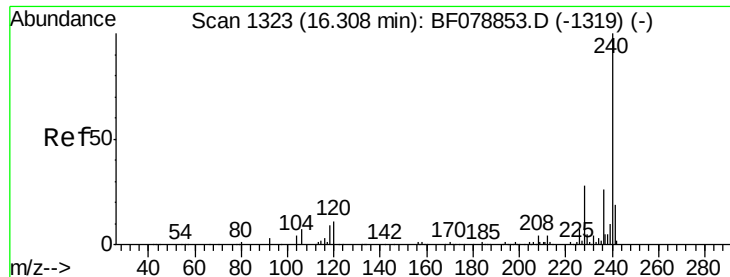
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	202	Resp:	575119
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	34.7
203	17.9	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

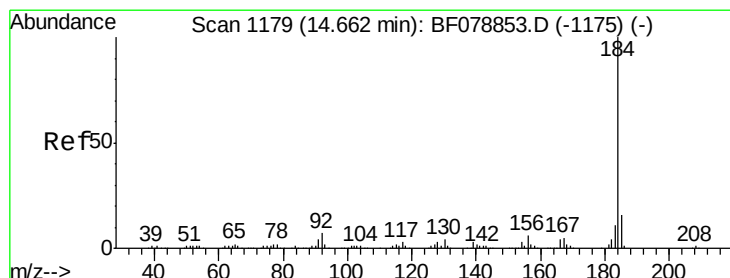
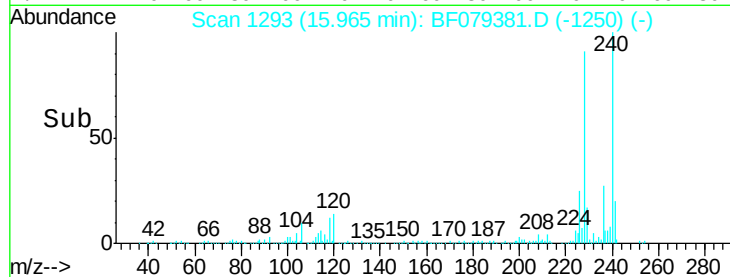
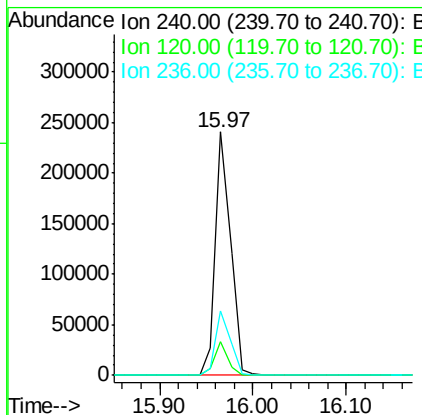
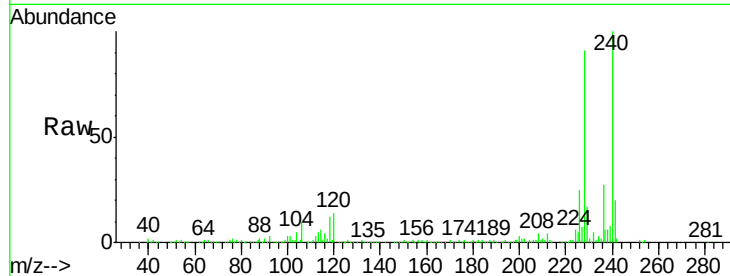
ClientSampleId :

PB83494BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	274241		
120	13.8	8.6	12.8#	
236	26.7	21.0	31.6	

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#76

Benzidine

Concen: 27.60 ng

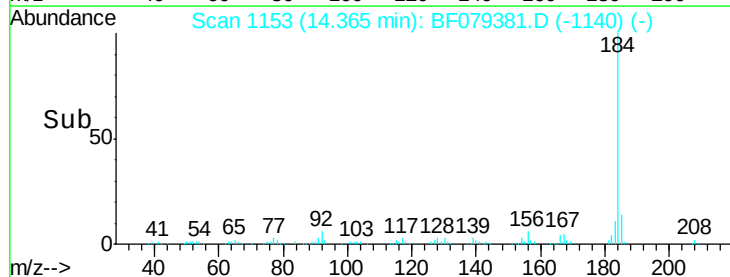
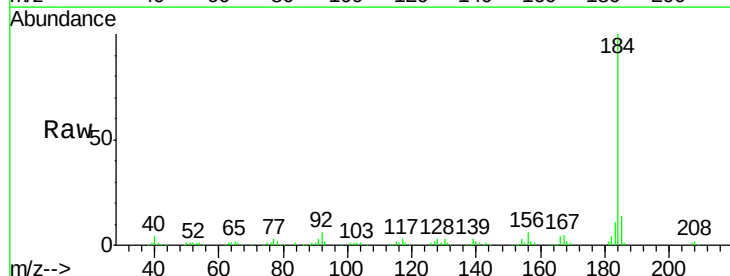
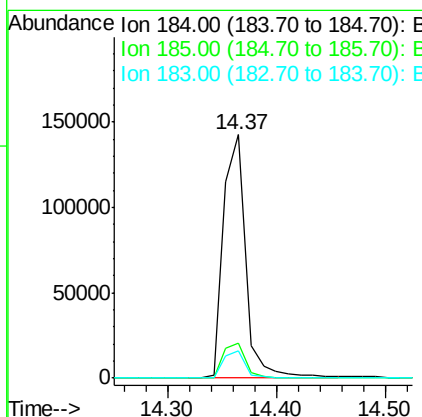
RT: 14.37 min Scan# 1153

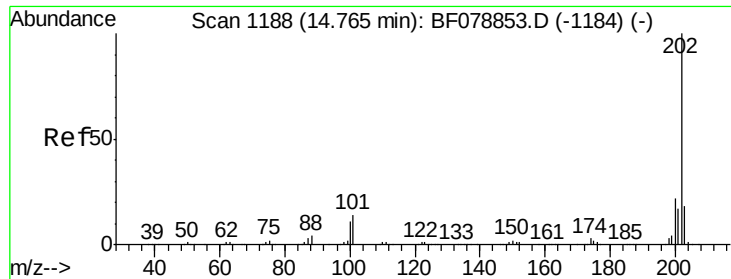
Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	204022		
185	14.2	12.8	19.2	
183	11.0	9.0	13.4	





#77

Pvrene

Concen: 38.91 ng

RT: 14.46 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

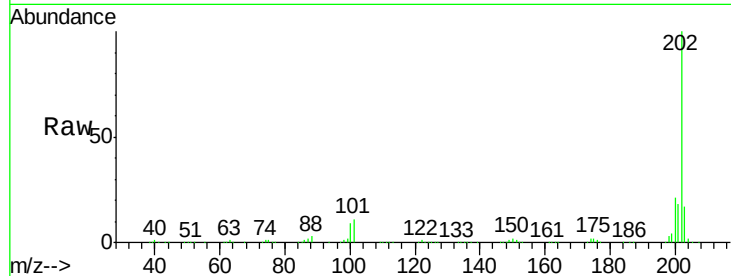
ClientSampleId :

PB83494BS

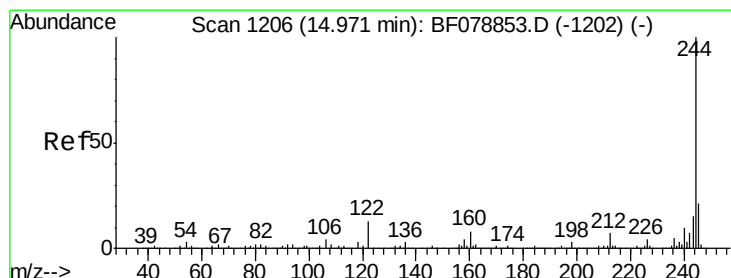
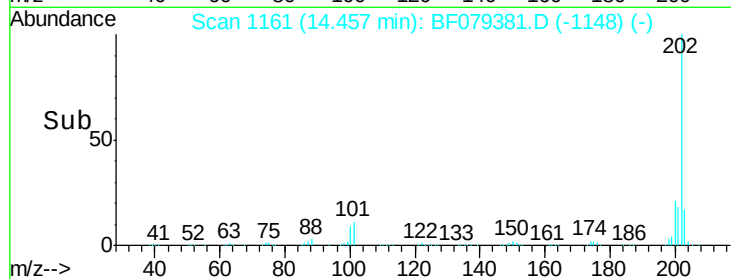
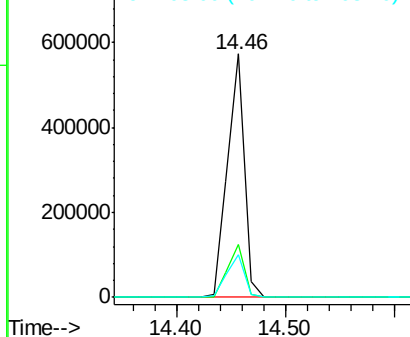
Tot Ion:	202	Resp:	614826
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.5	26.3
203	17.4	14.7	22.1

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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: 70.50 ng

RT: 14.66 min Scan# 1179

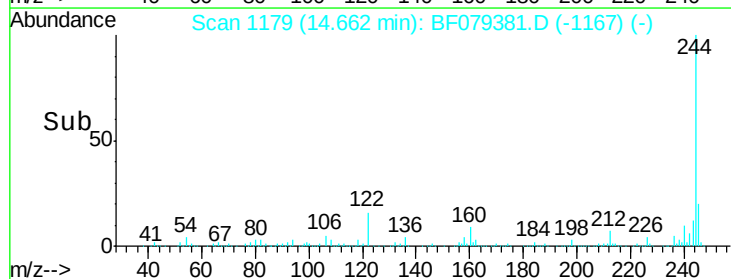
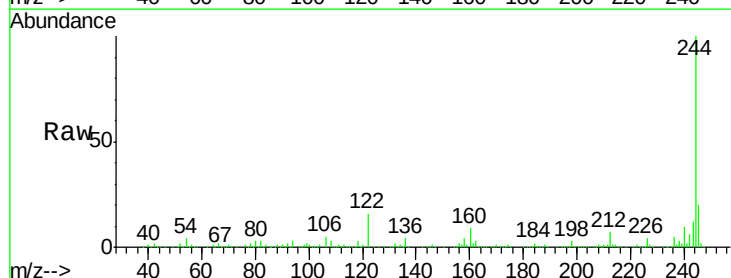
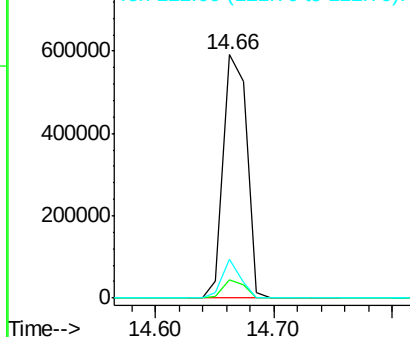
Delta R.T. -0.01 min

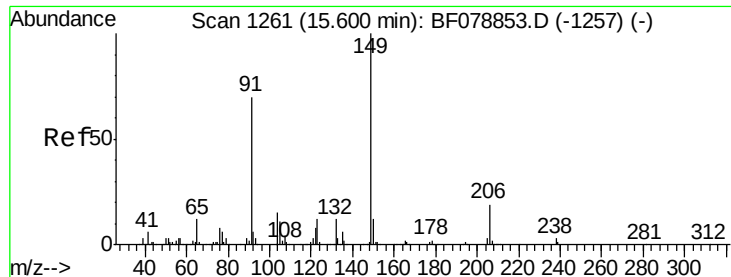
Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	244	Resp:	807504
Ion Ratio		Lower	Upper
244	100		
212	7.3	5.6	8.4
122	16.1	10.5	15.7

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





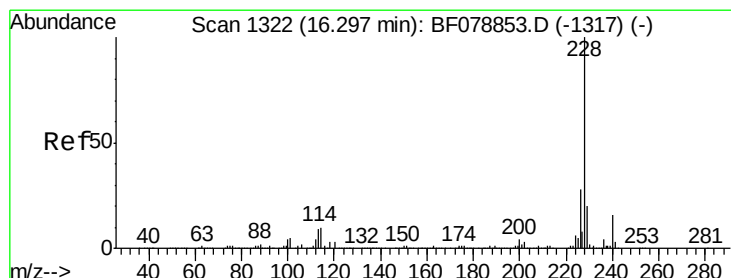
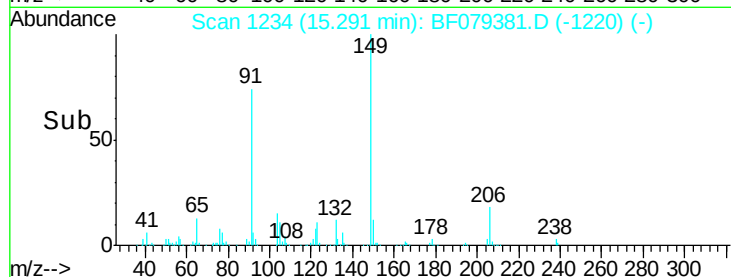
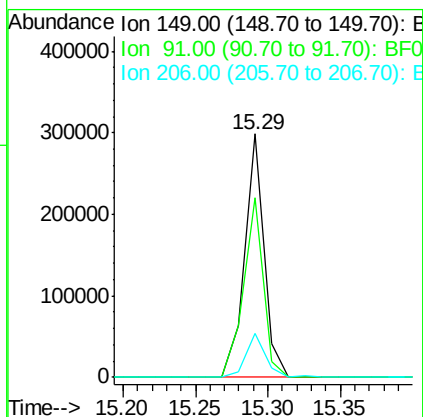
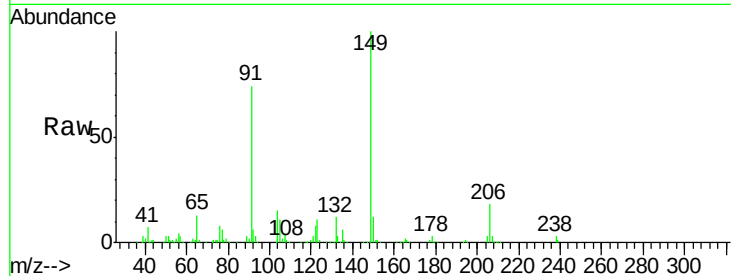
#79
Butylbenzylphthalate
Concen: 40.26 ng
RT: 15.29 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	73.6	56.2	84.2
206	18.0	15.2	22.8

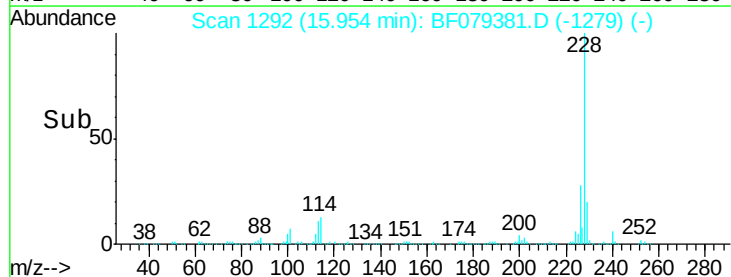
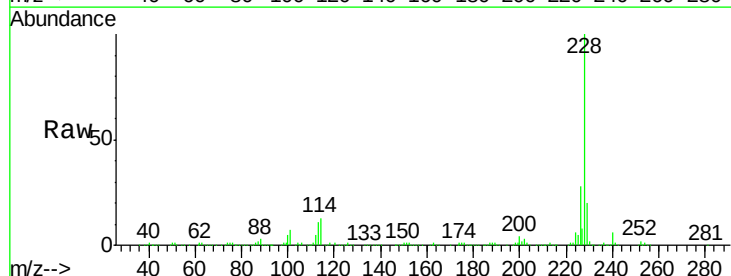
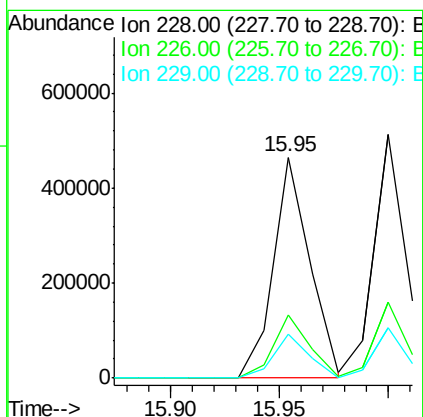
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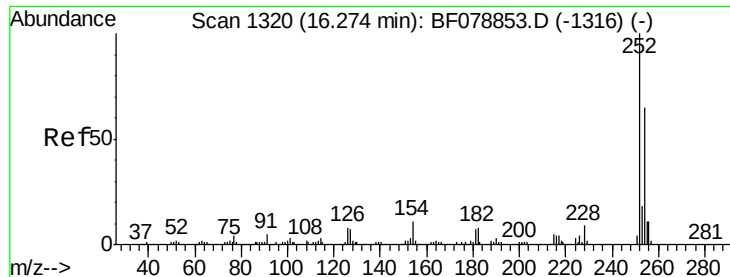
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#80
Benzo(a)anthracene
Concen: 36.49 ng
RT: 15.95 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.3	22.3	33.5
229	19.6	16.1	24.1





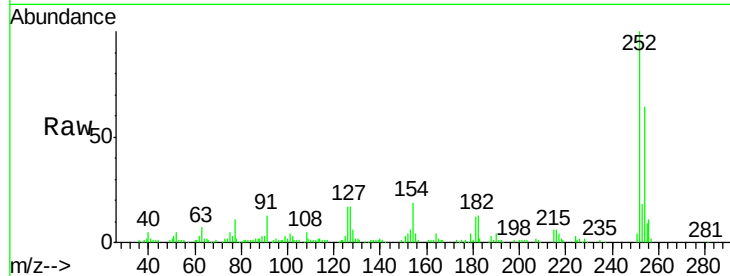
#81
 3,3'-Dichlorobenzidine
 Concen: 28.24 ng
 RT: 15.93 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampled :
 PB83494BS

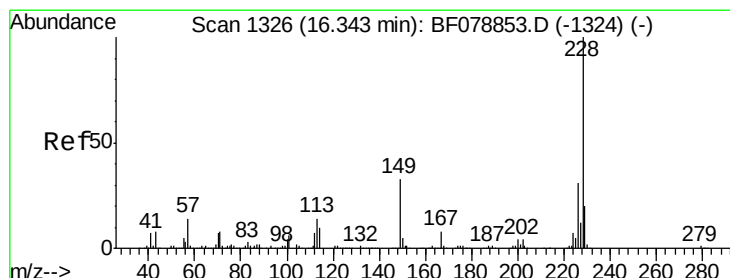
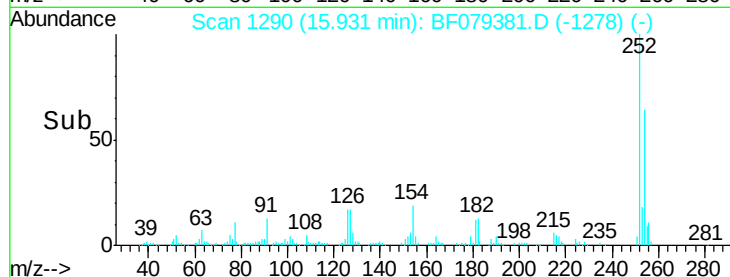
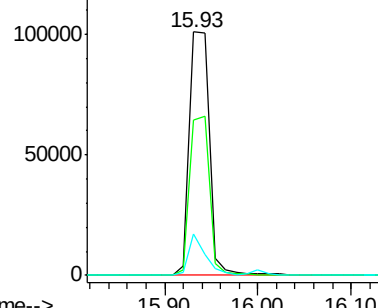
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.7	52.2	78.2	
126	16.9	6.6	9.8	

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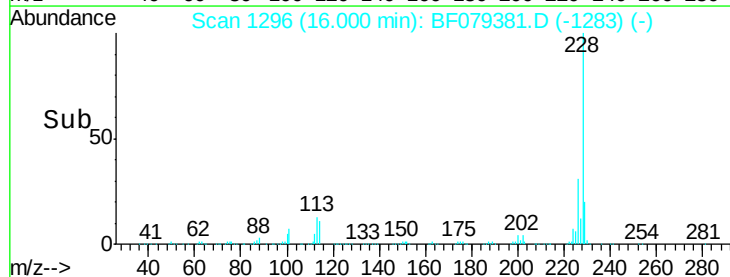
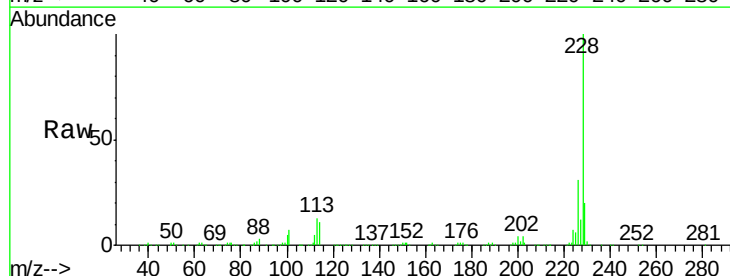
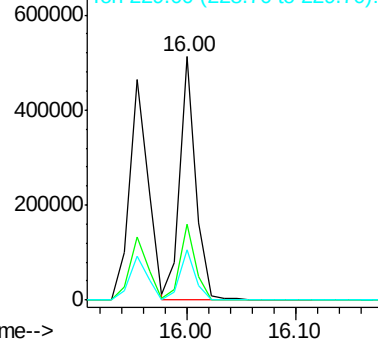
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

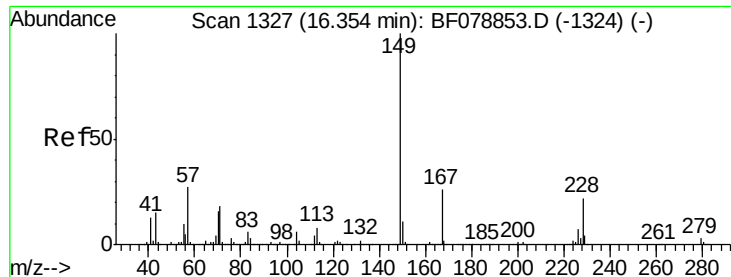


#82
 Chrysene
 Concen: 36.56 ng
 RT: 16.00 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.3	24.8	37.2	
229	20.4	16.1	24.1	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.49 ng

RT: 16.02 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

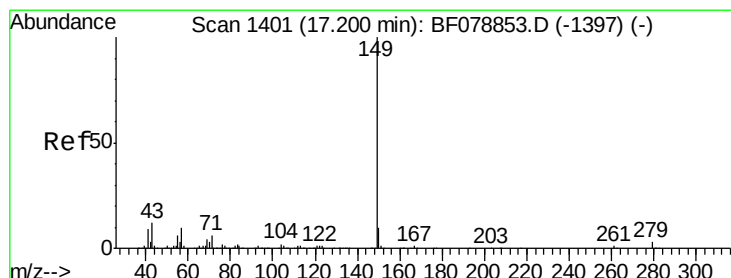
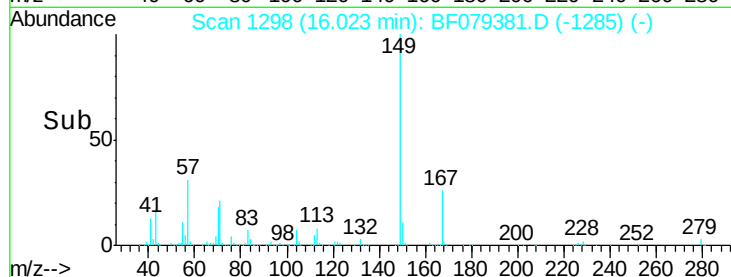
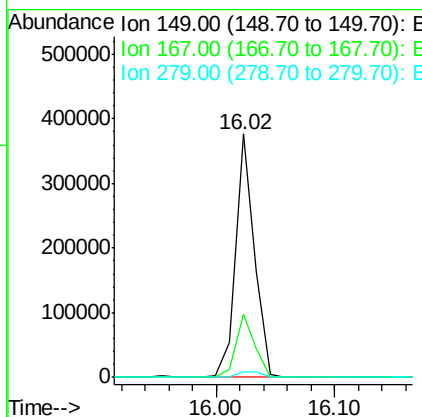
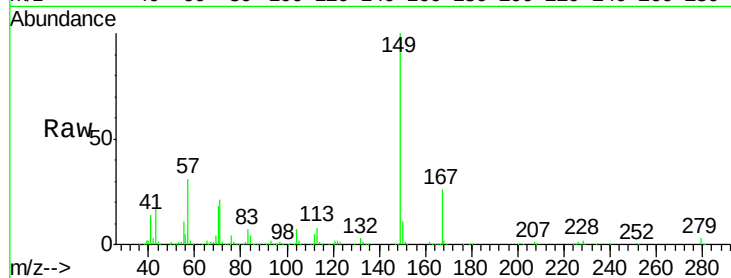
ClientSampleId :

PB83494BS

Tot Ion:	149	Resp:	413144
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.2	31.8
279	2.5	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 38.68 ng

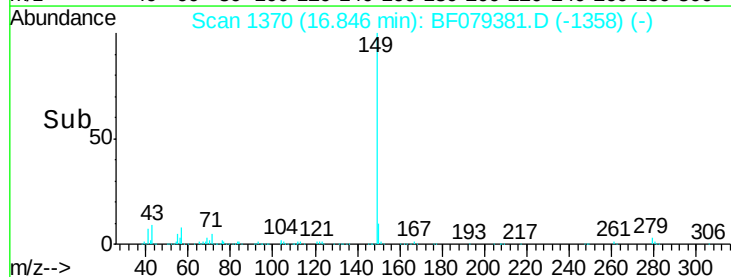
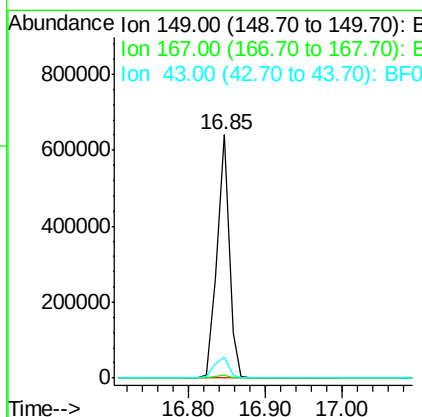
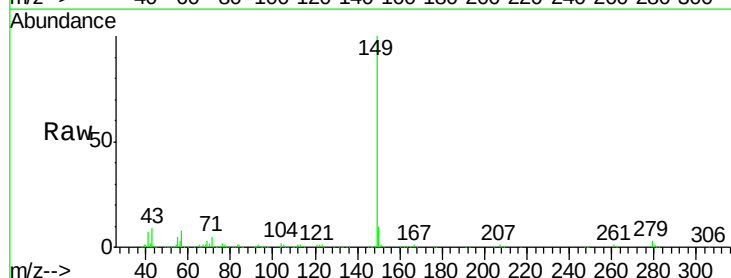
RT: 16.85 min Scan# 1370

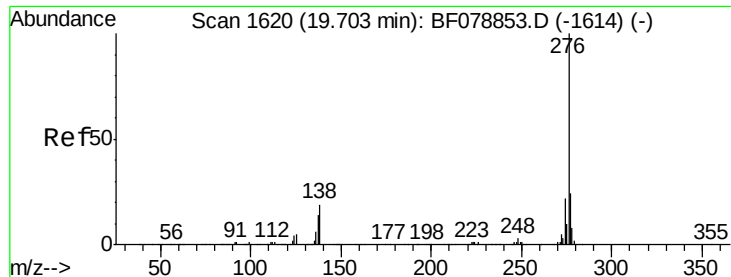
Delta R.T. -0.03 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	149	Resp:	712759
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.3	9.0	13.6





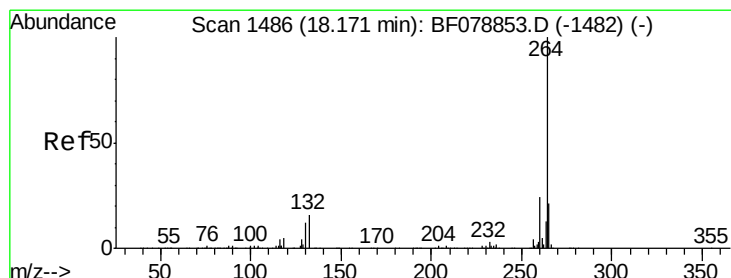
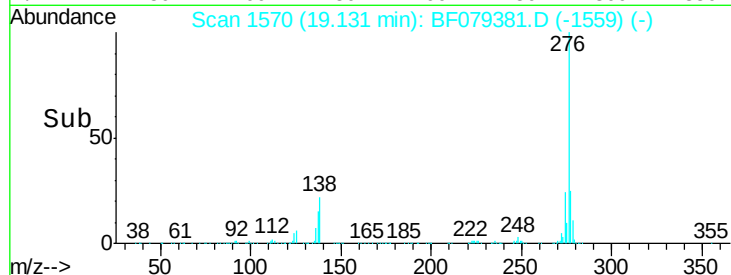
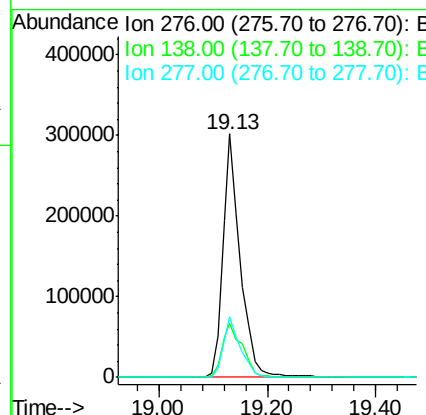
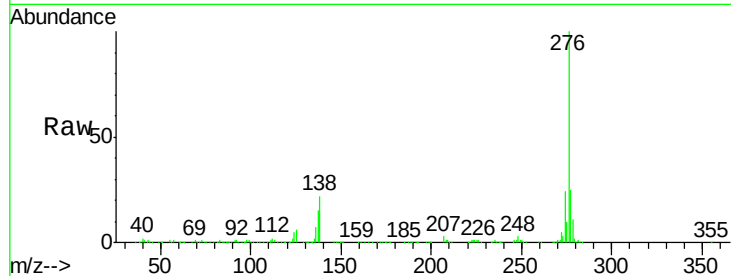
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.78 ng
RT: 19.13 min Scan# 1570
Delta R.T. -0.08 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.3	21.1	31.7
277	24.8	19.9	29.9

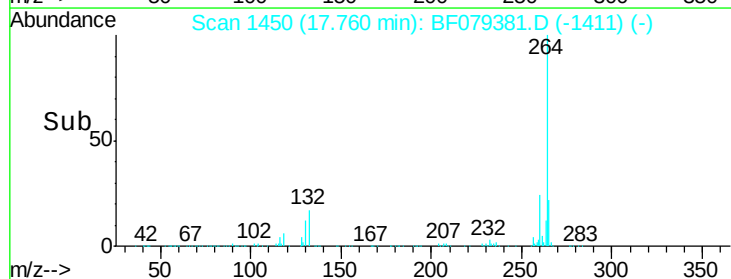
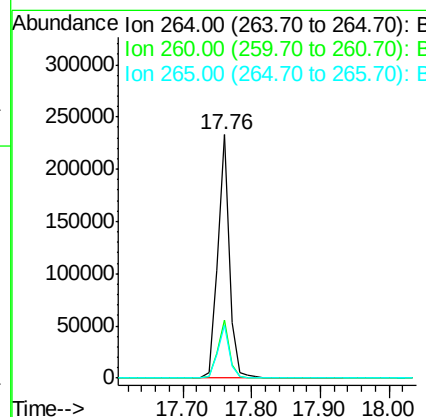
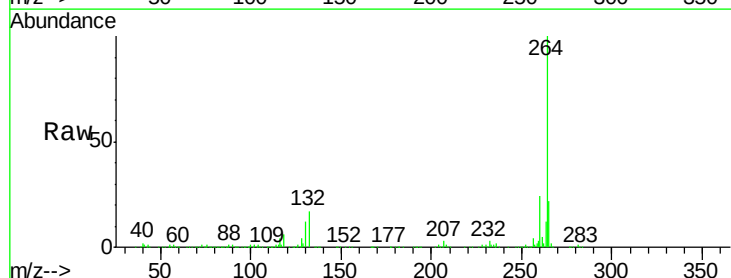
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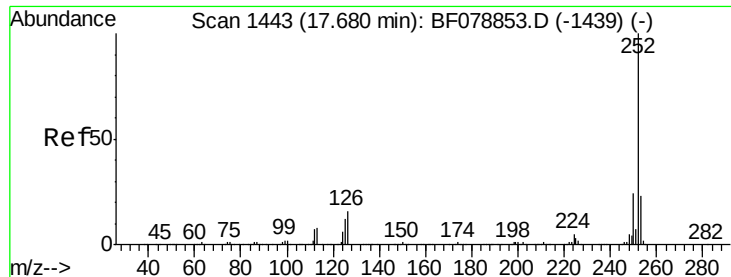
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.06 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.87 ng

RT: 17.29 min Scan# 1409

Delta R.T. -0.05 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

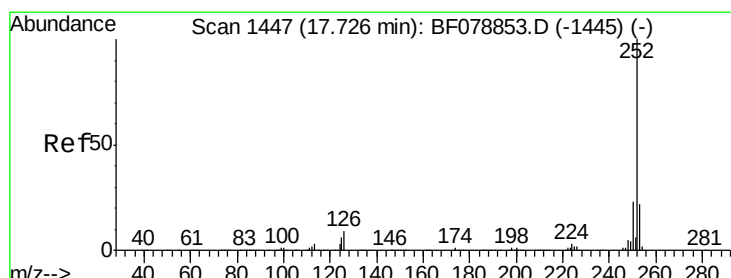
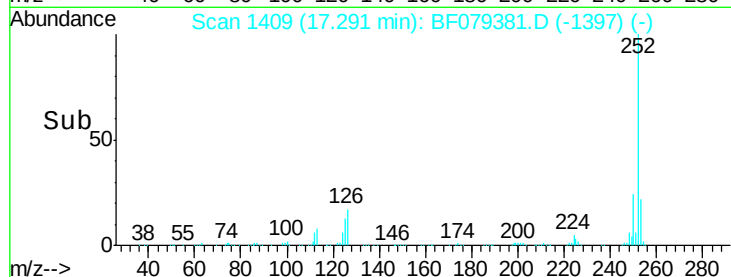
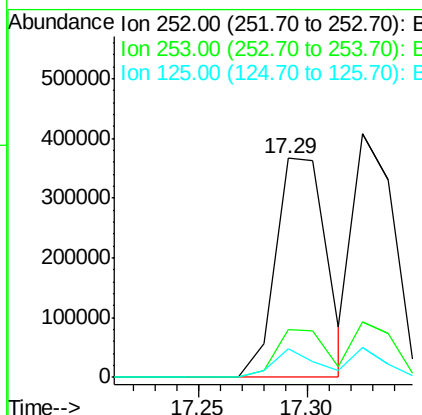
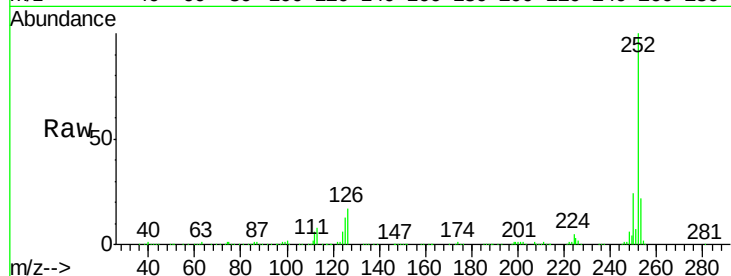
ClientSampleId :

PB83494BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	597665		
253	21.9	18.1	27.1	
125	12.8	9.4	14.2	

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#88

Benzo(k)fluoranthene

Concen: 36.26 ng

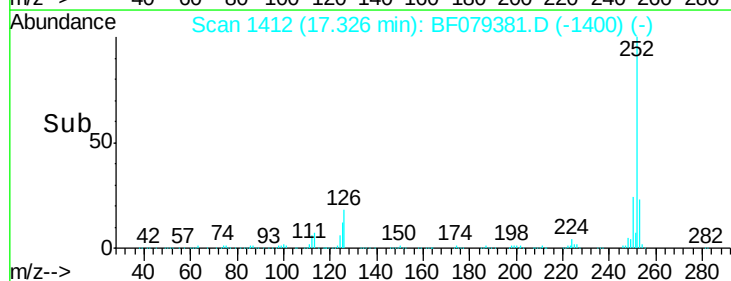
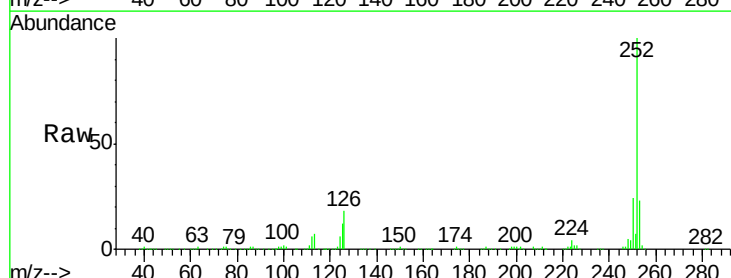
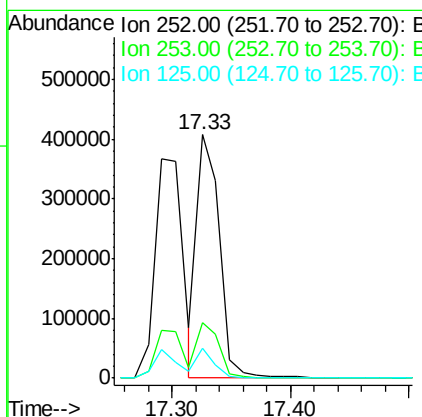
RT: 17.33 min Scan# 1412

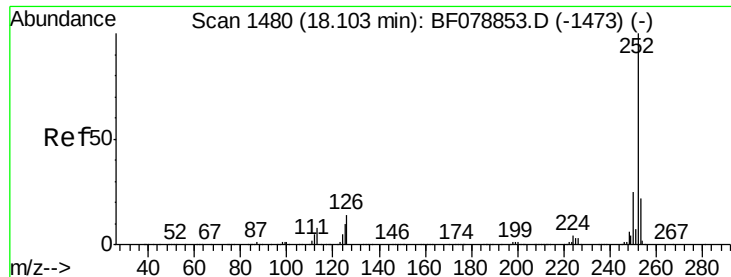
Delta R.T. -0.05 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	539744		
253	22.7	17.4	26.0	
125	12.2	6.1	9.1#	





#89

Benzo(a)pyrene

Concen: 39.18 ng

RT: 17.69 min Scan# 1444

Delta R.T. -0.06 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

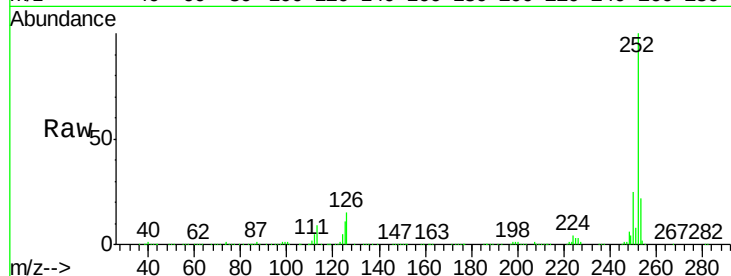
ClientSampleId :

PB83494BS

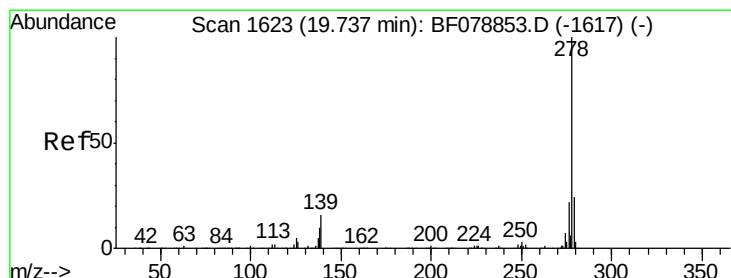
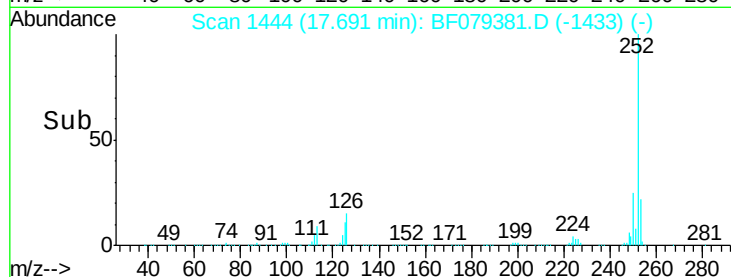
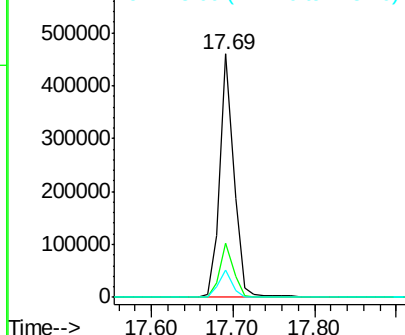
Tot Ion:	252	Resp:	554657
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	11.3	8.2	12.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.96 ng

RT: 19.15 min Scan# 1572

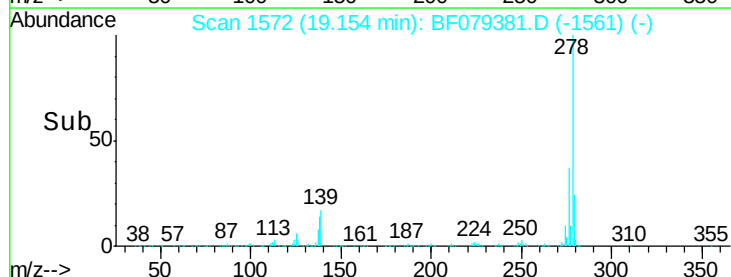
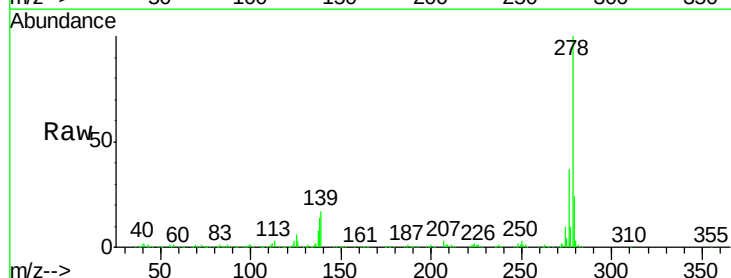
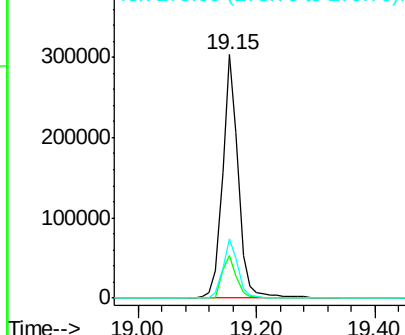
Delta R.T. -0.08 min

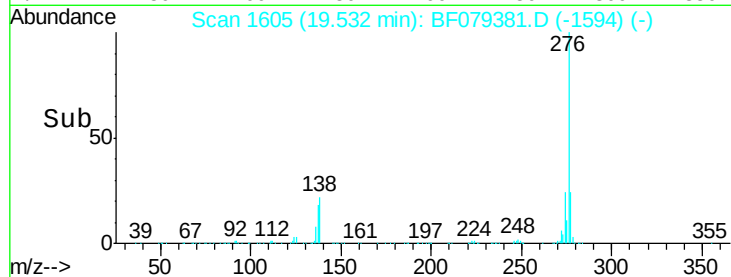
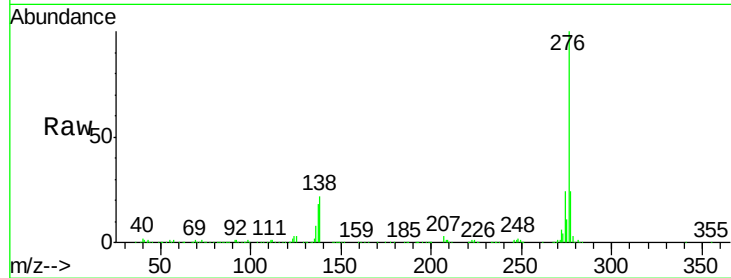
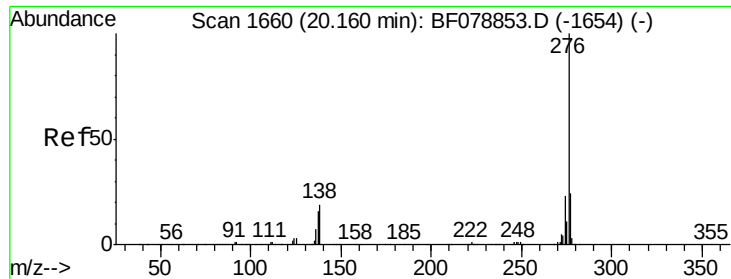
Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:	278	Resp:	556094
Ion Ratio	Lower	Upper	
278	100		
139	17.5	13.1	19.7
279	24.2	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.48 ng

RT: 19.53 min Scan# 1605

Delta R.T. -0.08 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

Tot Ion:	276	Resp:	565245
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	21.8	15.2	22.8

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