

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081878.D
 Acq On : 29 Sep 2015 14:22
 Operator : UM/IZ
 Sample : PB85717BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Manual Integrations
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 9/30/2015 9:09:07 AM

Quant Time: Sep 30 01:23:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	84225	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	326133	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	169676	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	349066	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	348854	20.00	ng	-0.01
86) Perylene-d12	15.57	264	309677	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	467875	100.84	ng	0.00
7) Phenol-d6	6.55	99	636004	108.94	ng	-0.01
23) Nitrobenzene-d5	7.49	82	414324	84.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	238209	138.62	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	894670	89.06	ng	-0.01
78) Terphenyl-d14	13.04	244	988563	94.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	52094	25.82	ng	92
3) Pyridine	3.35	79	146821	27.95	ng	91
4) n-Nitrosodimethylamine	3.30	42	75408	31.60	ng	90
6) Aniline	6.59	93	193678	24.69	ng	# 88
8) 2-Chlorophenol	6.71	128	189595	37.00	ng	97
9) Benzaldehyde	6.47	77	56729	14.84	ng	# 74
10) Phenol	6.57	94	212952	32.52	ng	76
11) bis(2-Chloroethyl)ether	6.66	93	196049	38.60	ng	93
12) 1,3-Dichlorobenzene	6.86	146	209933	34.69	ng	# 91
13) 1,4-Dichlorobenzene	6.94	146	229066m	36.25	ng	
14) 1,2-Dichlorobenzene	7.10	146	207236	36.80	ng	99
15) Benzyl Alcohol	7.07	79	156307	37.09	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.20	45	262198	36.52	ng	76
17) 2-Methylphenol	7.18	107	153446	36.94	ng	# 82
18) Hexachloroethane	7.43	117	73438	37.12	ng	91
19) n-Nitroso-di-n-propylamine	7.34	70	132824	37.43	ng	# 78
20) 3+4-Methylphenols	7.33	107	193467	36.87	ng	# 66
22) Acetophenone	7.34	105	269111	40.36	ng	# 80
24) Nitrobenzene	7.51	77	201185	37.87	ng	# 68
25) Isophorone	7.75	82	365516	37.69	ng	# 91
26) 2-Nitrophenol	7.83	139	105719	41.46	ng	# 74
27) 2,4-Dimethylphenol	7.86	122	175607	39.14	ng	# 78
28) bis(2-Chloroethoxy)methane	7.97	93	218680	37.97	ng	# 95
29) 2,4-Dichlorophenol	8.07	162	179989	41.38	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	185082	38.11	ng	98
31) Naphthalene	8.23	128	558262	38.63	ng	97
32) Benzoic acid	7.99	122	87453	34.95	ng	# 73
33) 4-Chloroaniline	8.29	127	129756	20.77	ng	# 91
34) Hexachlorobutadiene	8.34	225	115316	40.15	ng	97
35) Caprolactam	8.65	113	48260m	40.07	ng	
36) 4-Chloro-3-methylphenol	8.77	107	189437	44.54	ng	85
37) 2-Methylnaphthalene	8.93	142	403305	40.89	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	186176	35.74	ng	99
40) Hexachlorocyclopentadiene	9.07	237	247644	92.32	ng	97

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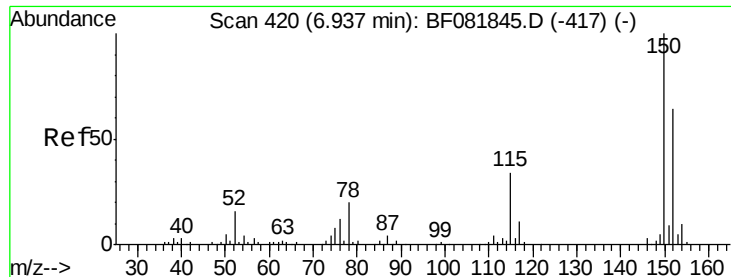
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	127564	35.72	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	157157	42.79	ng	98
45) 1,1'-Biphenyl	9.39	154	493738	37.72	ng	94
46) 2-Chloronaphthalene	9.42	162	407348	39.63	ng	96
47) 2-Nitroaniline	9.52	65	123211	40.83	ng	88
48) Acenaphthylene	9.83	152	623275	37.89	ng	96
49) Dimethylphthalate	9.69	163	486400	41.53	ng	# 97
50) 2,6-Dinitrotoluene	9.76	165	110270	43.37	ng	94
51) Acenaphthene	10.00	154	423178	43.32	ng	89
52) 3-Nitroaniline	9.93	138	76094	25.87	ng	# 76
53) 2,4-Dinitrophenol	10.03	184	99576	80.22	ng	# 69
54) Dibenzofuran	10.17	168	548318	39.72	ng	# 83
55) 4-Nitrophenol	10.09	139	180377	84.86	ng	# 50
56) 2,4-Dinitrotoluene	10.16	165	152082	46.92	ng	# 85
57) Fluorene	10.51	166	438064	44.33	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.29	232	127385	43.73	ng	95
59) Diethylphthalate	10.39	149	472972	43.23	ng	97
60) 4-Chlorophenyl-phenylether	10.51	204	210714	41.69	ng	97
61) 4-Nitroaniline	10.55	138	110844	37.58	ng	# 38
62) Azobenzene	10.67	77	475595	44.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.57	198	64872	42.18	ng	# 65
65) n-Nitrosodiphenylamine	10.63	169	390077	36.93	ng	91
66) 4-Bromophenyl-phenylether	11.01	248	144594	41.08	ng	# 89
67) Hexachlorobenzene	11.06	284	157264	39.59	ng	# 83
68) Atrazine	11.15	200	128367	39.17	ng	82
69) Pentachlorophenol	11.26	266	184129	81.36	ng	97
70) Phenanthrene	11.49	178	724837	43.08	ng	97
71) Anthracene	11.53	178	734865	41.42	ng	97
72) Carbazole	11.69	167	671820	41.84	ng	94
73) Di-n-butylphthalate	12.01	149	768031	47.02	ng	# 98
74) Fluoranthene	12.68	202	794119	42.47	ng	86
76) Benzidine	12.80	184	298437	28.39	ng	98
77) Pyrene	12.90	202	814325	39.07	ng	96
79) Butylbenzylphthalate	13.52	149	369581	47.13	ng	95
80) Benzo(a)anthracene	14.09	228	735514	39.15	ng	95
81) 3,3'-Dichlorobenzidine	14.06	252	175923	27.73	ng	# 94
82) Chrysene	14.13	228	609224	32.69	ng	94
83) Bis(2-ethylhexyl)phthalate	14.08	149	502822	51.11	ng	95
84) Di-n-octyl phthalate	14.69	149	830383	51.87	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.03	276	636883	43.34	ng	# 84
87) Benzo(b)fluoranthene	15.14	252	681423	38.54	ng	# 85
88) Benzo(k)fluoranthene	15.17	252	637900m	39.36	ng	
89) Benzo(a)pyrene	15.51	252	619401	40.39	ng	# 85
90) Dibenzo(a,h)anthracene	17.05	278	524468	40.76	ng	# 78
91) Benzo(g,h,i)perylene	17.48	276	517775	39.27	ng	# 74

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



#1

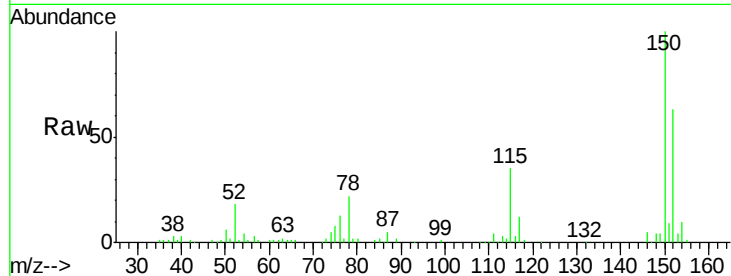
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
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PB85717BSD

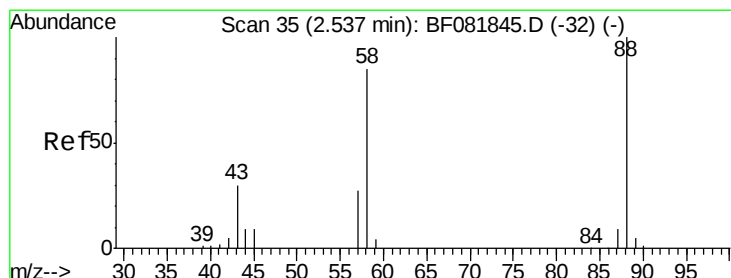
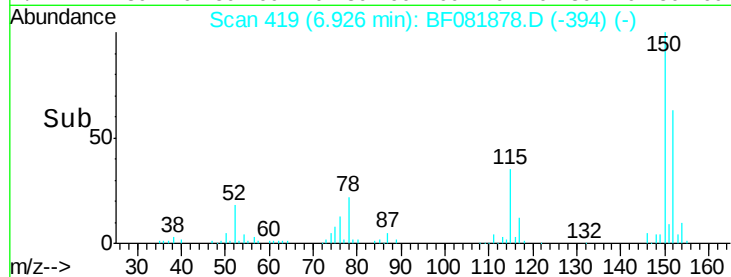
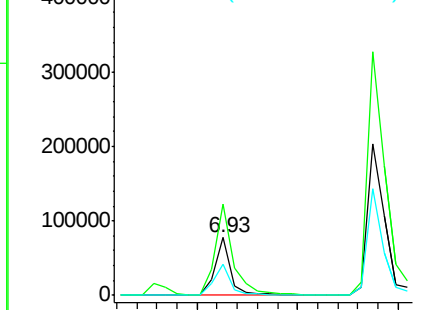
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.7	187.1
115	55.1	39.0	58.4

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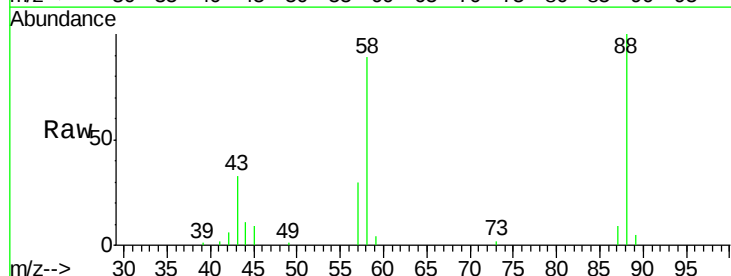
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



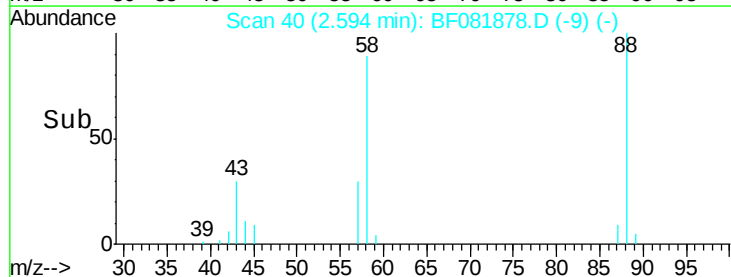
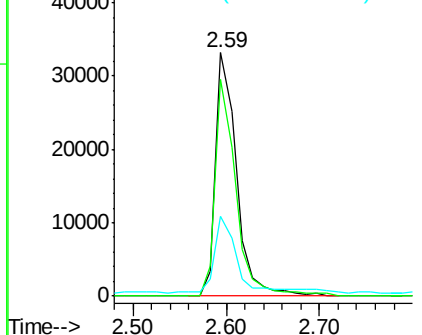
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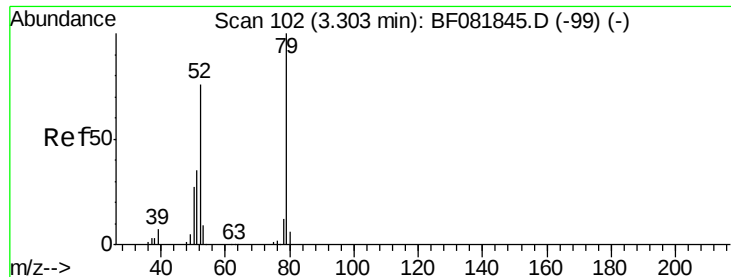
1,4-Dioxane
Concen: 25.82 ng
RT: 2.59 min Scan# 40
Delta R.T. 0.06 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	77.7	116.5
43	35.1	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.95 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.05 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

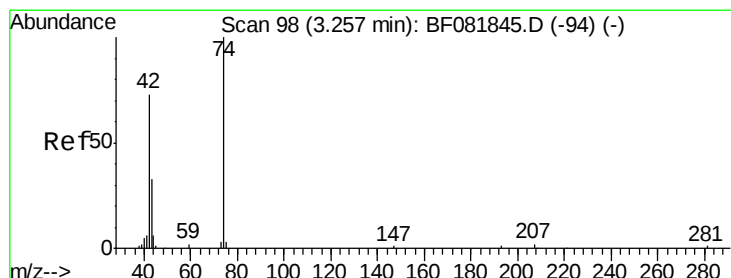
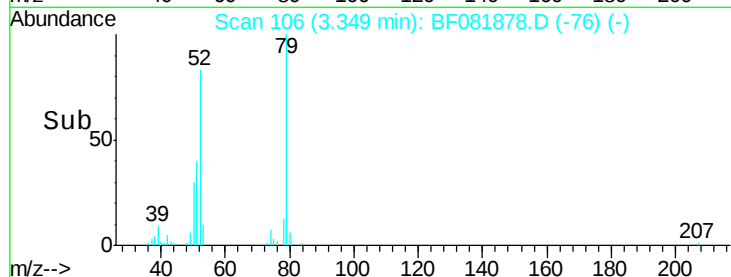
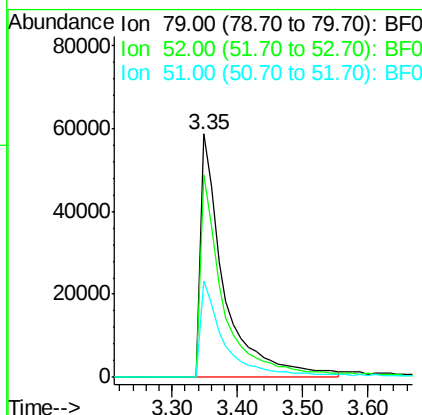
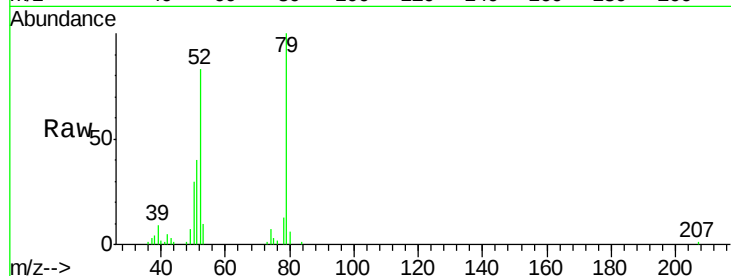
ClientSampleId :

PB85717BSD

Tgt Ion:	79	Resp:	146821
Ion	Ratio	Lower	Upper
79	100		
52	83.3	76.8	115.2
51	39.8	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 31.60 ng

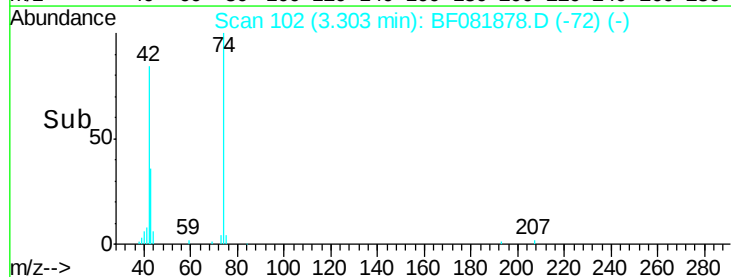
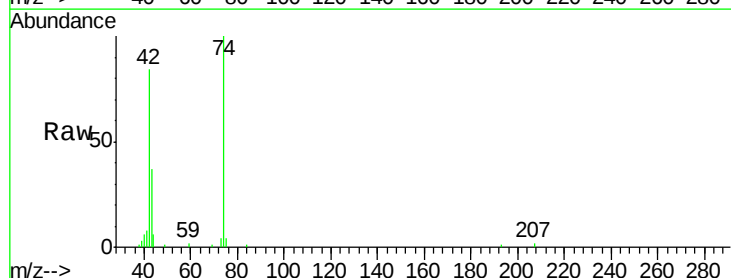
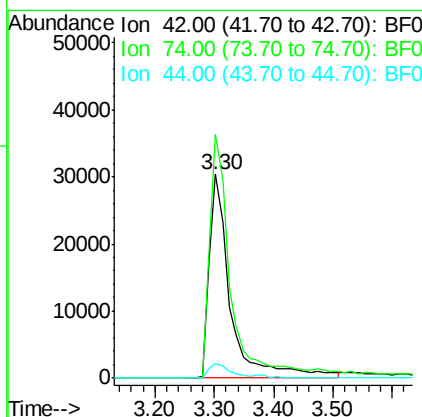
RT: 3.30 min Scan# 102

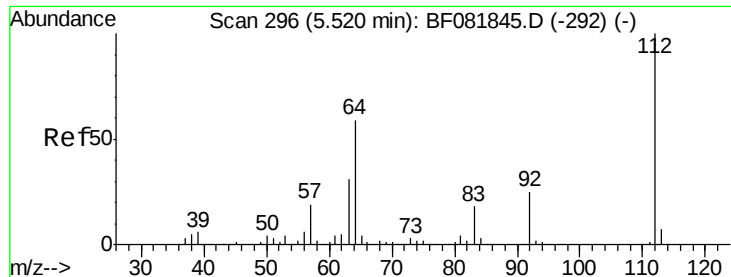
Delta R.T. 0.05 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Tgt Ion:	42	Resp:	75408
Ion	Ratio	Lower	Upper
42	100		
74	119.5	105.0	157.6
44	7.4	6.6	10.0





#5

2-Fluorophenol

Concen: 100.84 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB85717BSD

Tgt Ion: 112 Resp: 467875
Ion Ratio Lower Upper

112 100

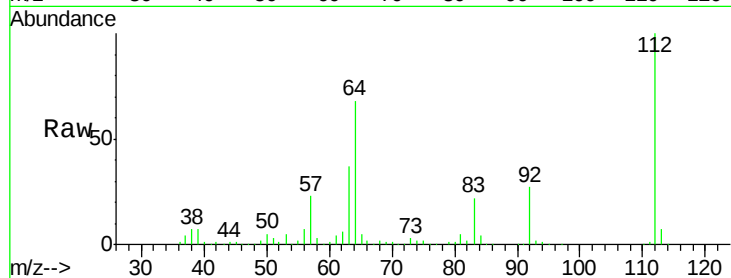
64 67.5 39.7 59.5#

63 37.1 17.4 26.0#

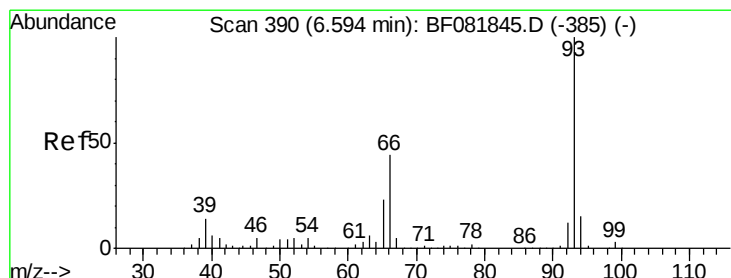
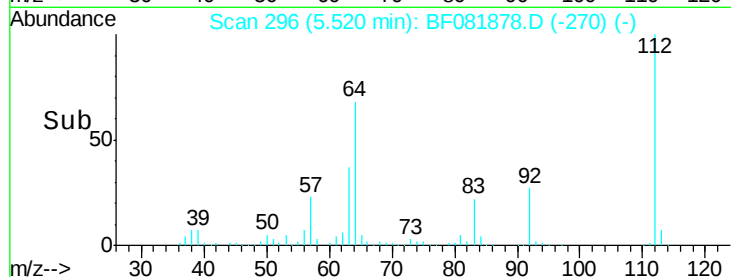
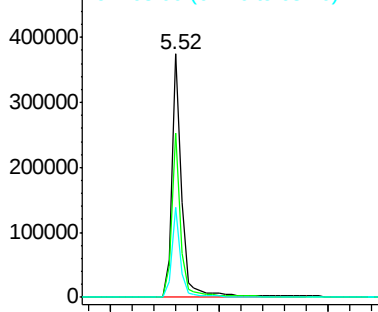
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.69 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081878.D

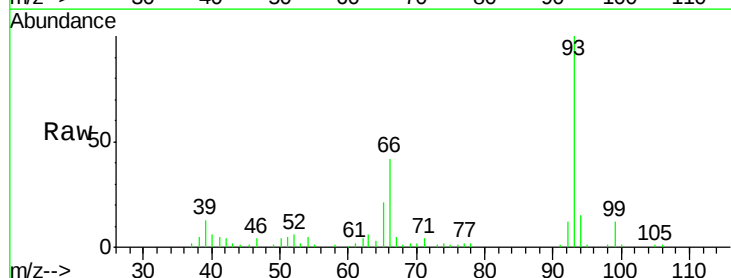
Acq: 29 Sep 2015 14:22

Tgt Ion: 93 Resp: 193678
Ion Ratio Lower Upper

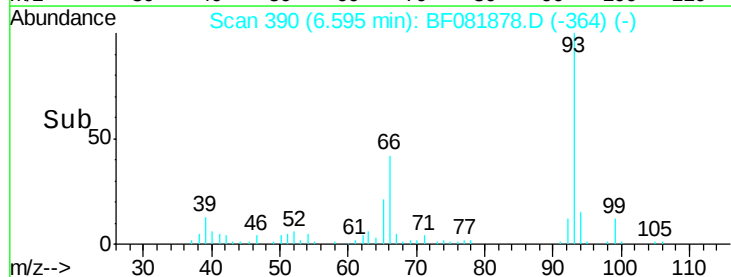
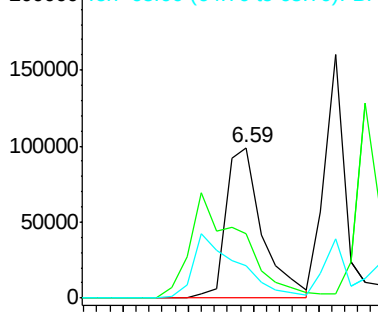
93 100

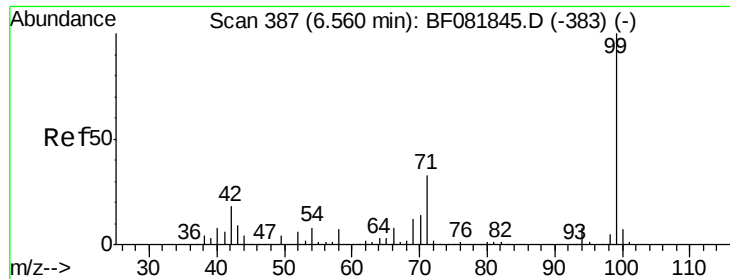
66 42.5 27.2 40.8#

65 21.4 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.94 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

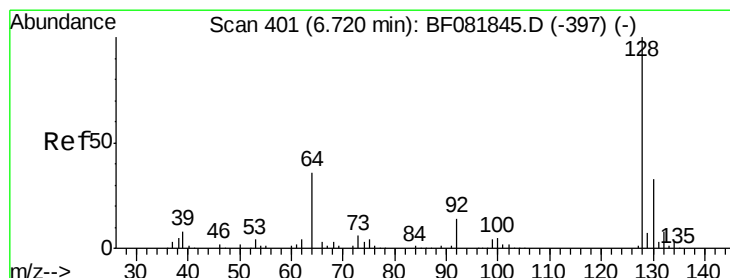
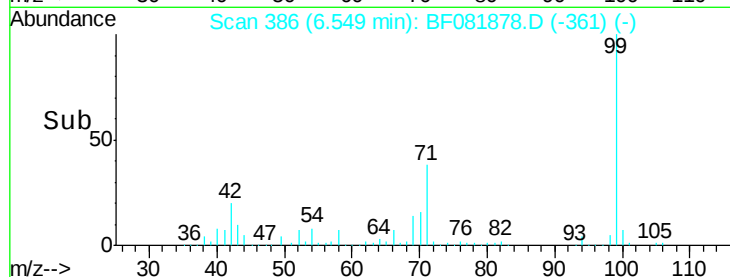
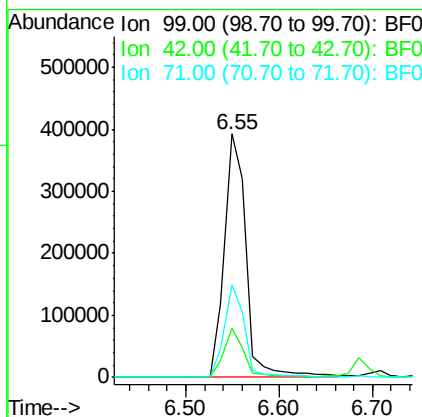
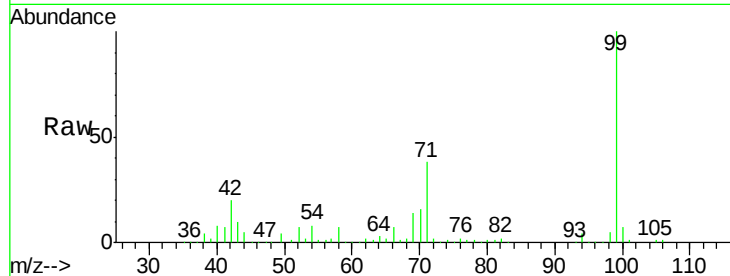
ClientSampleId :

PB85717BSD

Tgt Ion:	99	Resp:	636004
Ion Ratio	Lower	Upper	
99	100		
42	20.4	13.7	20.5
71	38.3	14.2	21.2#

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#8

2-Chlorophenol

Concen: 37.00 ng

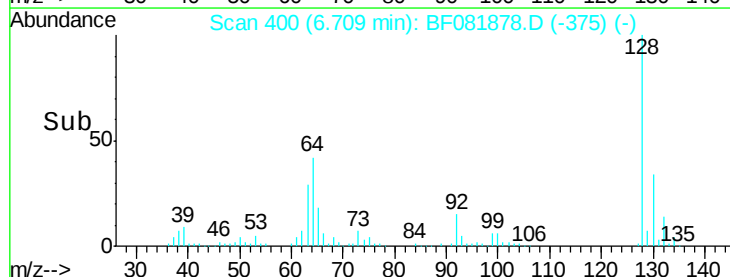
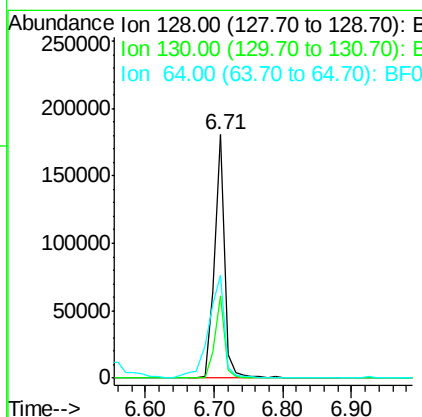
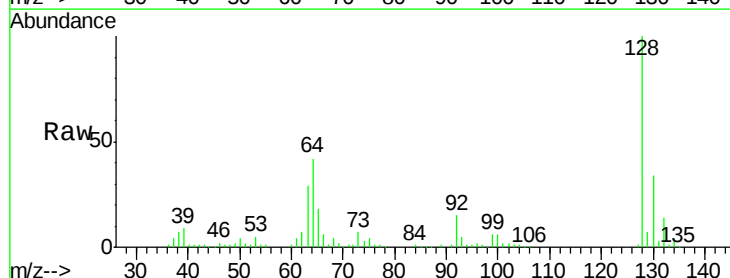
RT: 6.71 min Scan# 400

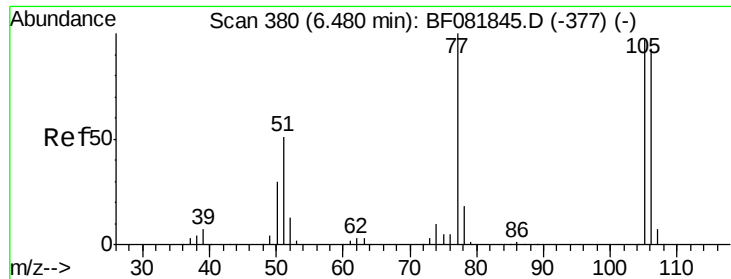
Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Tgt Ion:	128	Resp:	189595
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.2	52.2
64	42.3	20.5	60.5





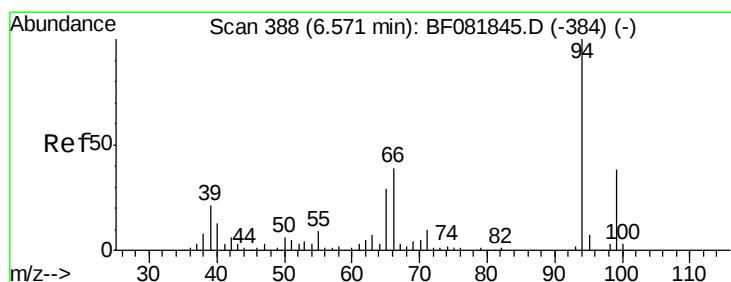
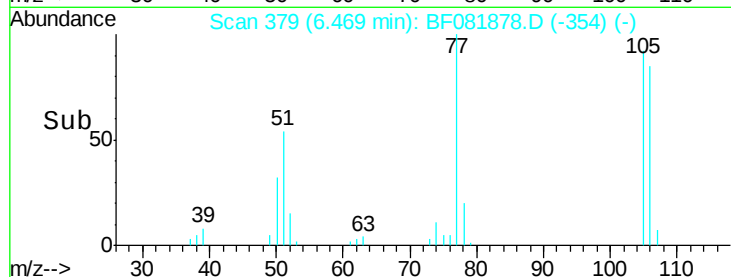
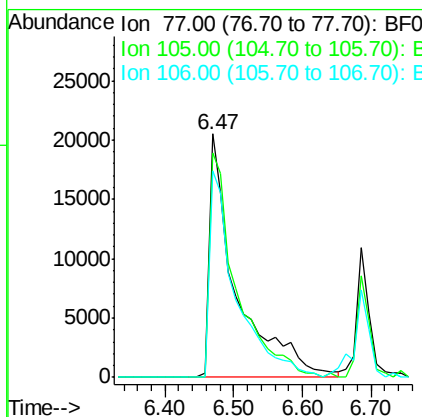
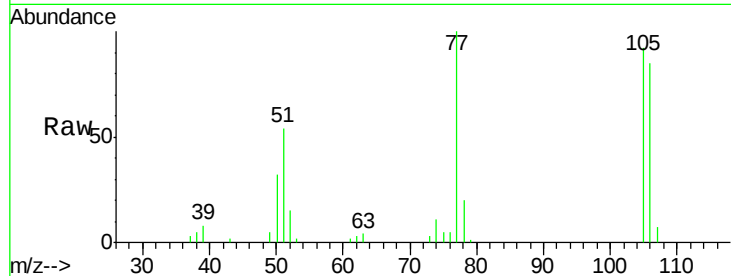
#9
Benzaldehyde
Concen: 14.84 ng
RT: 6.47 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
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PB85717BSD

Tgt Ion: 77 Resp: 56729
Ion Ratio Lower Upper
77 100
105 92.2 91.6 131.6
106 85.0 102.6 142.6#

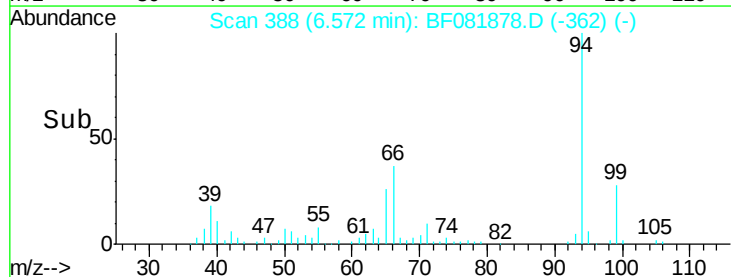
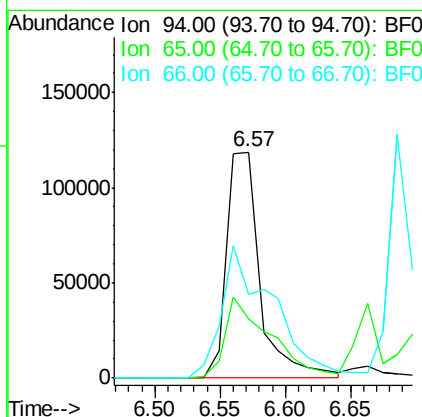
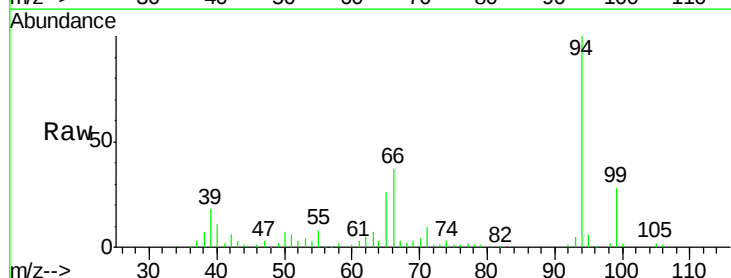
Manual Integrations
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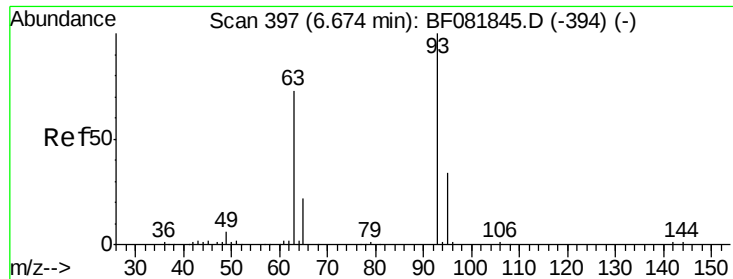
apatel
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#10
Phenol
Concen: 32.52 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion: 94 Resp: 212952
Ion Ratio Lower Upper
94 100
65 26.5 0.7 40.7
66 37.3 0.8 40.8





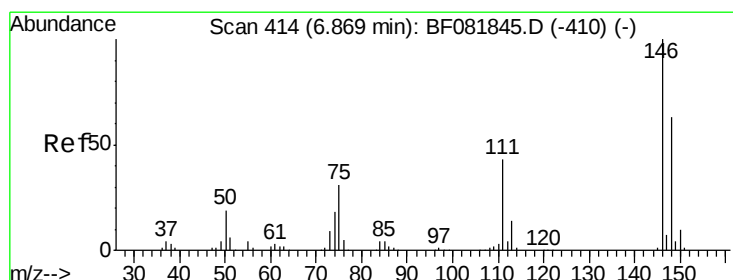
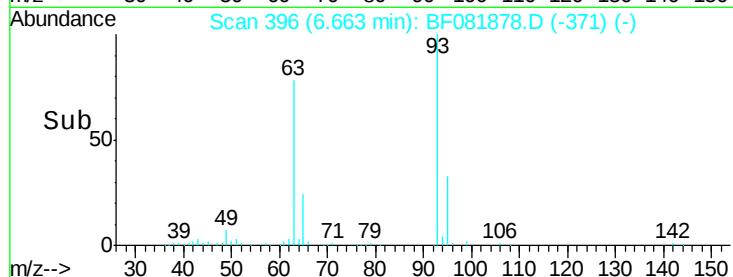
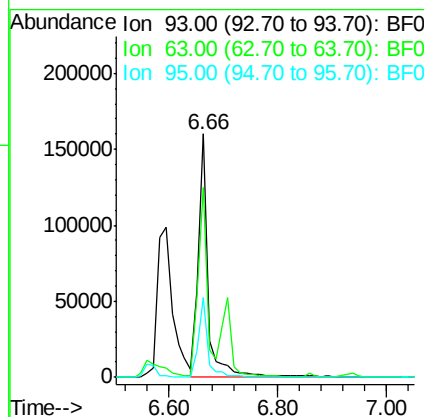
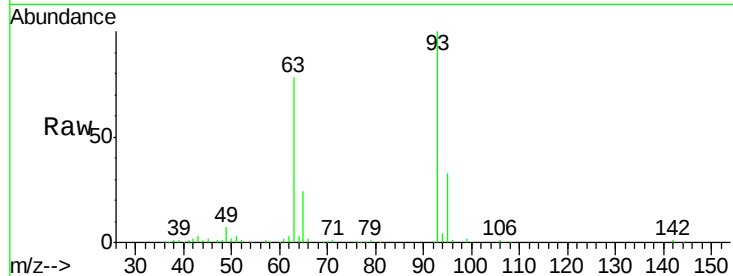
#11
bis(2-Chloroethyl)ether
Concen: 38.60 ng
RT: 6.66 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	196049		
63	77.8	65.6	105.6	
95	32.7	13.6	53.6	

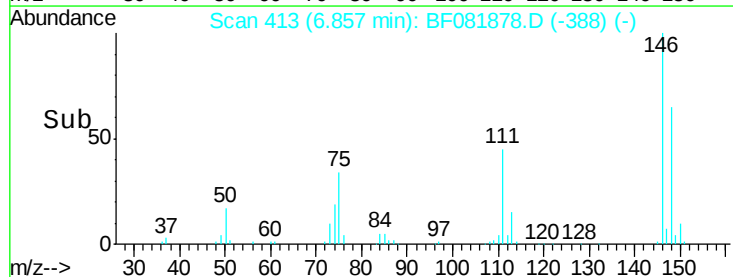
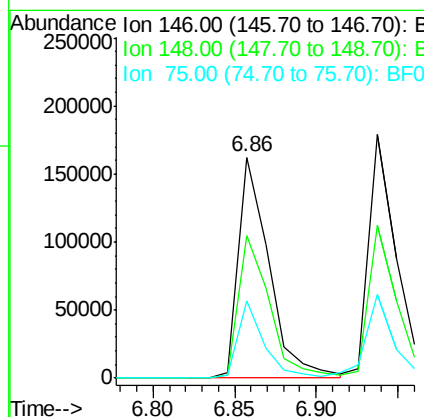
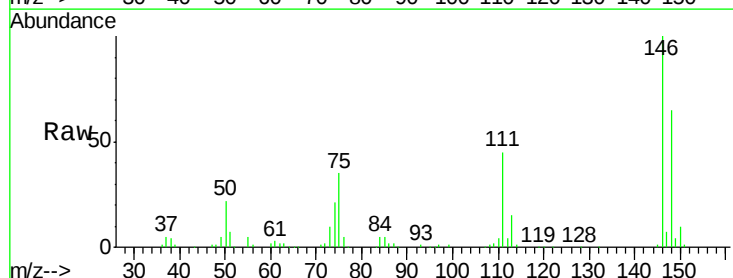
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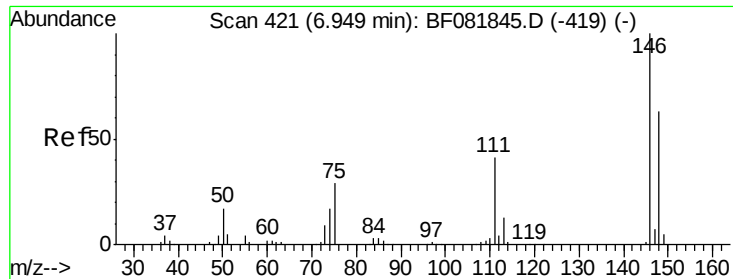
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#12
1,3-Dichlorobenzene
Concen: 34.69 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	209933		
148	64.6	51.0	76.4	
75	35.1	15.0	22.6	





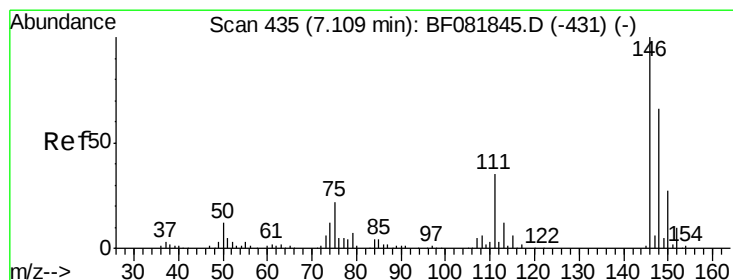
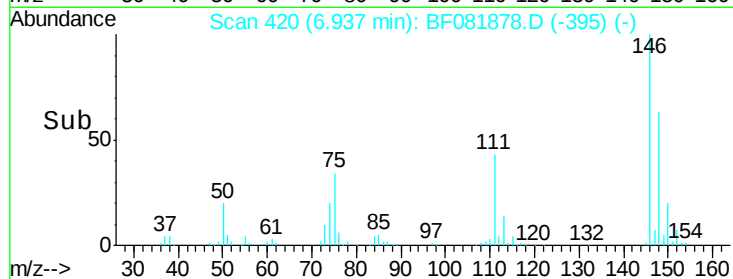
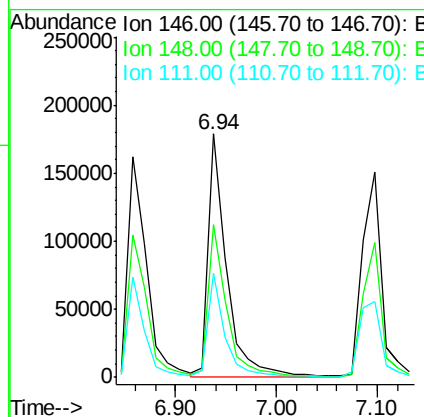
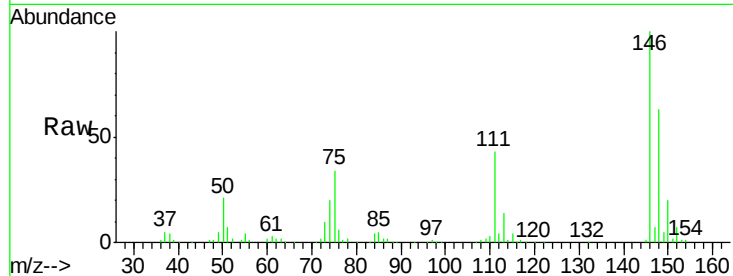
#13
 1,4-Dichlorobenzene
 Concen: 36.25 ng m
 RT: 6.94 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.6
111	42.7	24.9	37.3

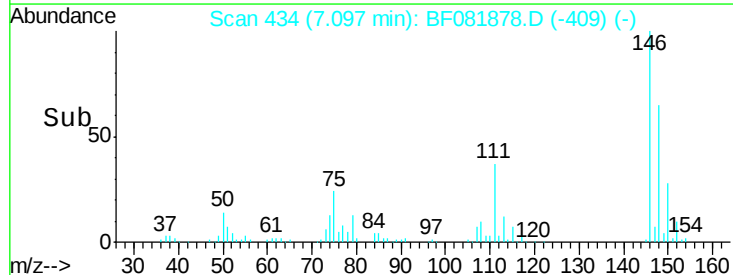
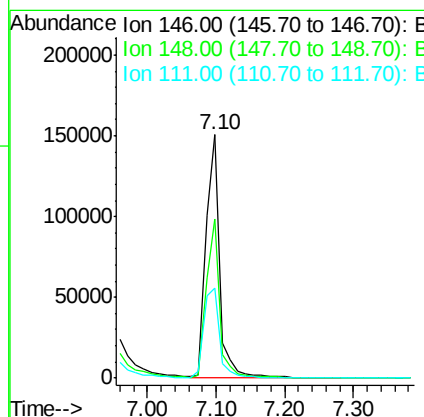
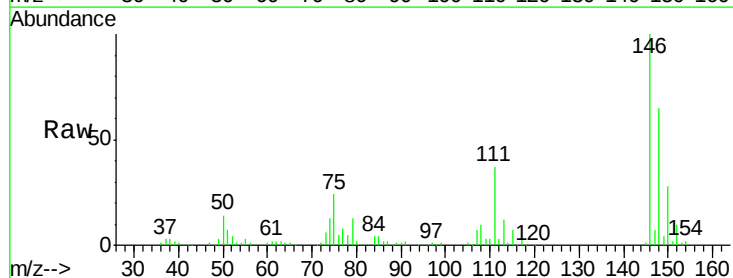
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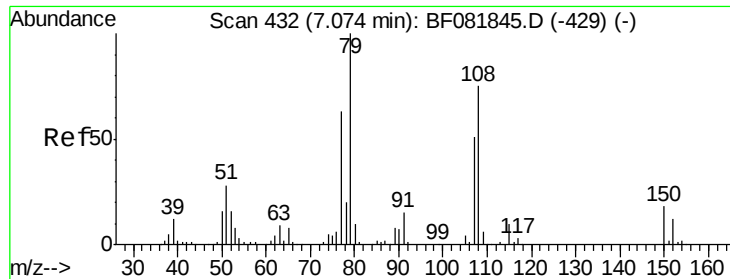
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#14
 1,2-Dichlorobenzene
 Concen: 36.80 ng
 RT: 7.10 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.7	79.1
111	37.2	28.8	43.2





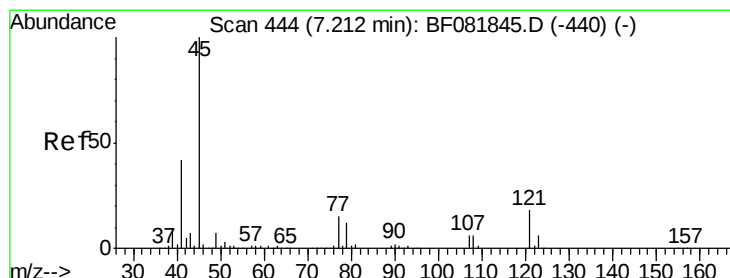
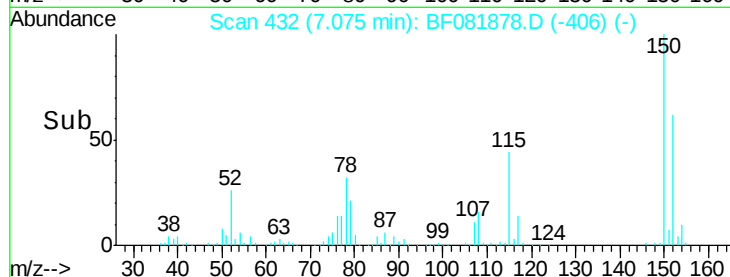
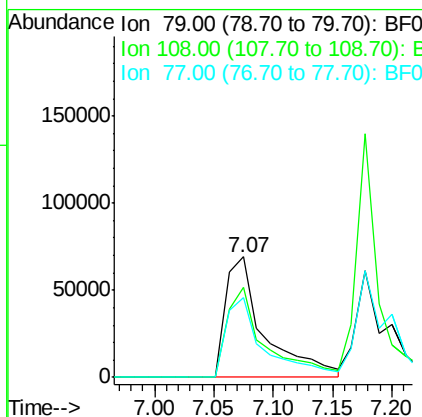
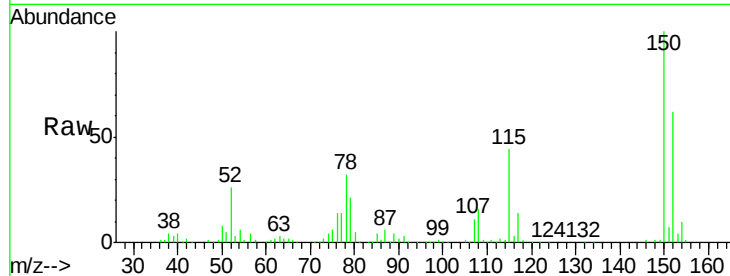
#15
Benzyl Alcohol
Concen: 37.09 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion: 79 Resp: 156307
Ion Ratio Lower Upper
79 100
108 75.1 88.6 132.8#
77 65.9 47.0 70.4

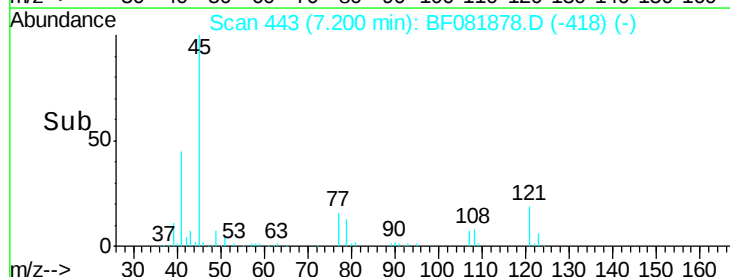
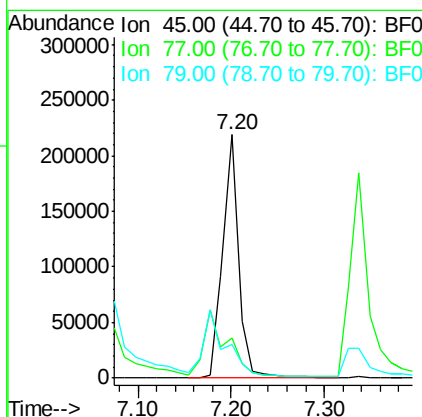
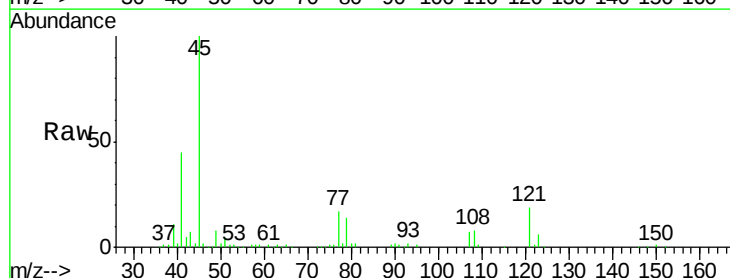
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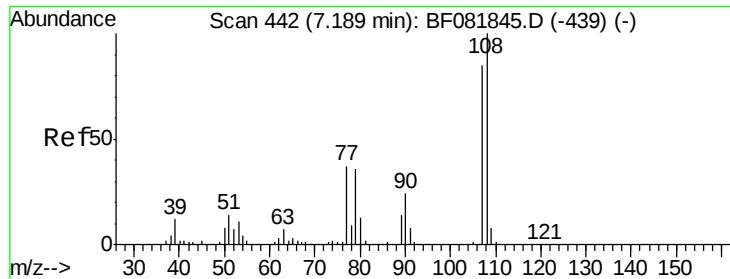
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.52 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion: 45 Resp: 262198
Ion Ratio Lower Upper
45 100
77 16.6 0.0 28.1
79 13.9 0.0 26.0





#17

2-Methylphenol

Concen: 36.94 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB85717BSD

Tgt Ion:107 Resp: 153446
Ion Ratio Lower Upper

107 100

108 111.1 96.6 145.0

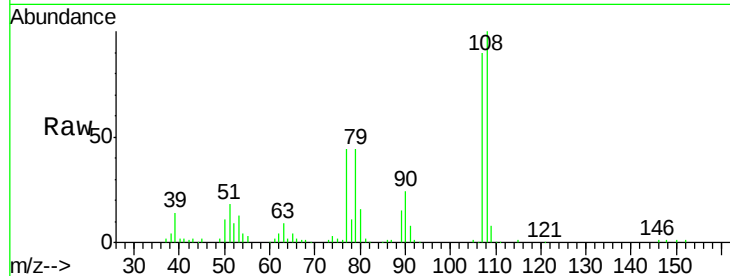
77 48.6 23.3 34.9#

79 48.5 22.0 33.0#

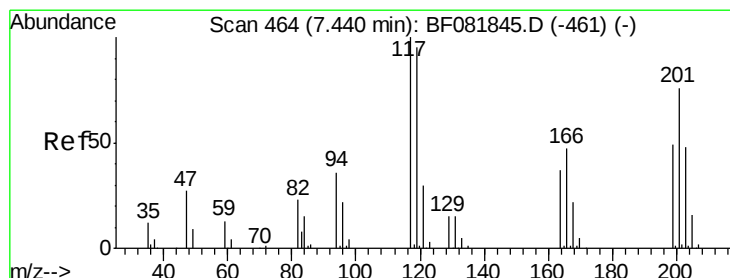
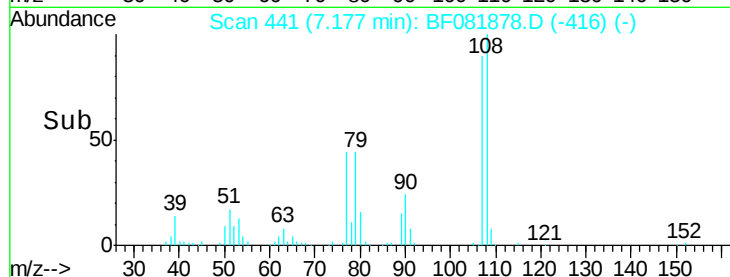
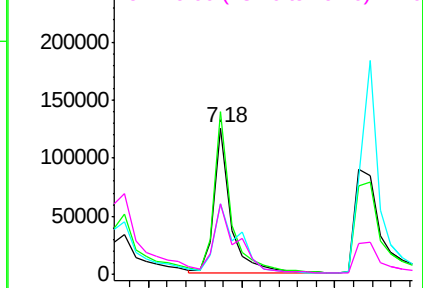
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.12 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF081878.D

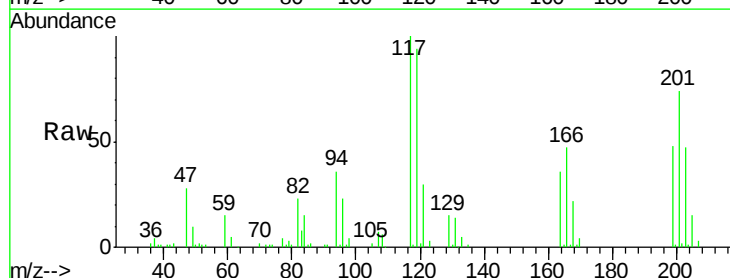
Acq: 29 Sep 2015 14:22

Tgt Ion:117 Resp: 73438
Ion Ratio Lower Upper

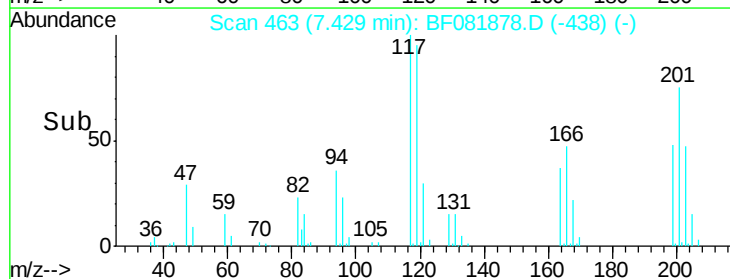
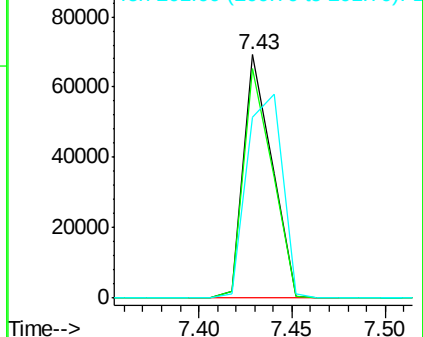
117 100

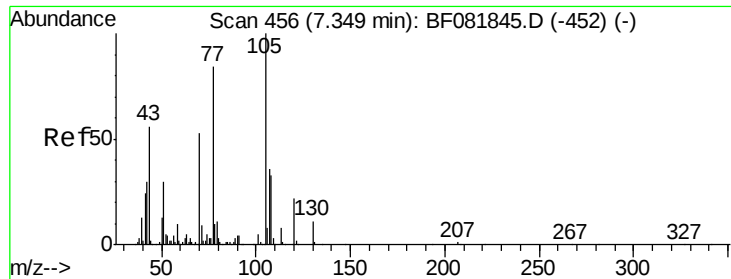
119 94.4 83.8 125.6

201 74.1 55.1 82.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





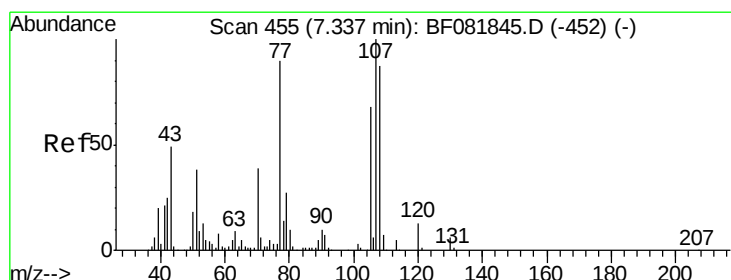
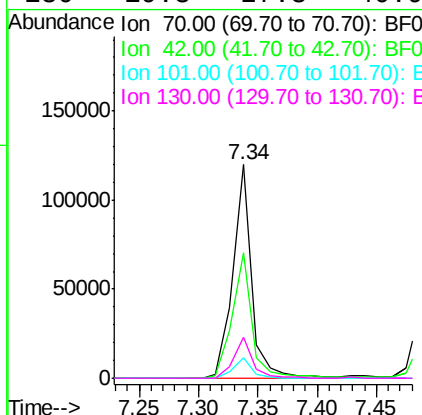
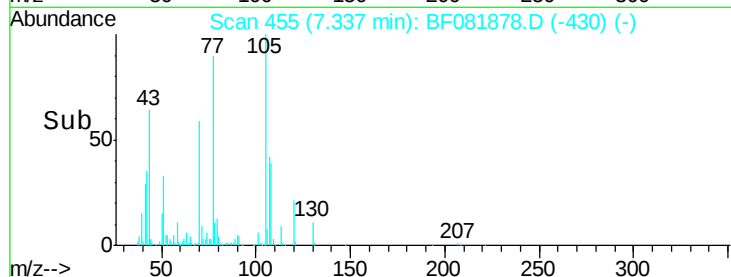
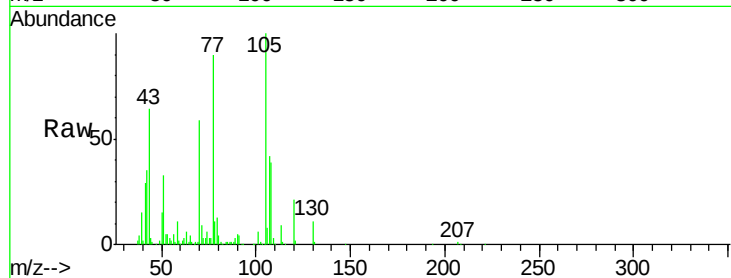
#19
n-Nitroso-di-n-propylamine
Concen: 37.43 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	132824		
42	58.9	63.8	95.6#	
101	9.6	9.2	13.8	
130	19.3	27.3	40.9#	

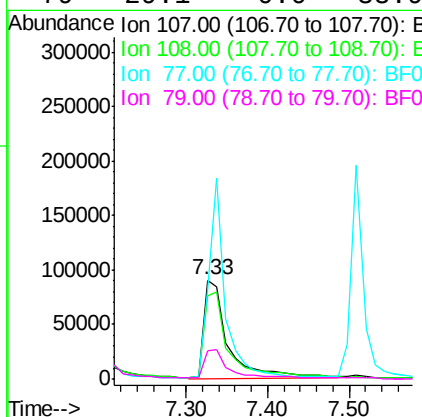
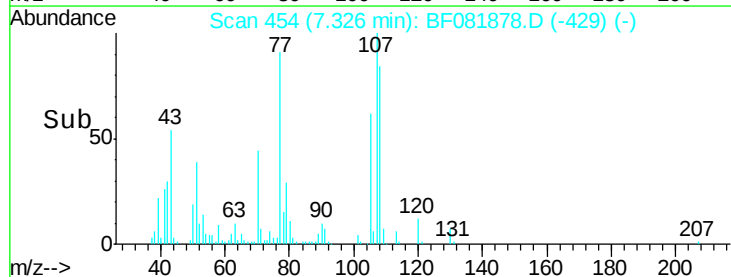
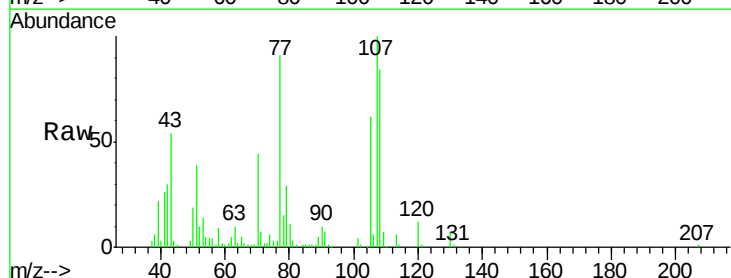
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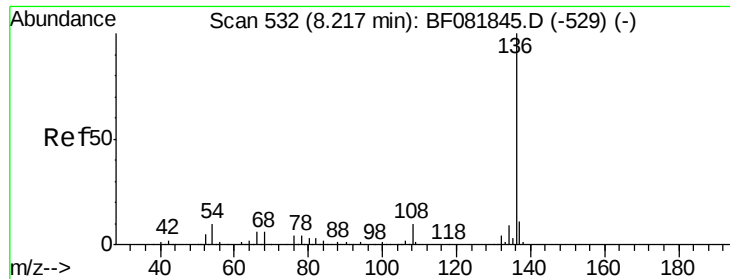
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#20
3+4-Methylphenols
Concen: 36.87 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	193467		
108	84.3	74.6	114.6	
77	91.0	0.7	40.7#	
79	29.1	0.0	38.9	





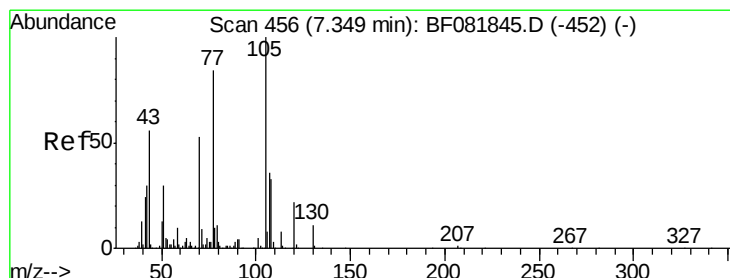
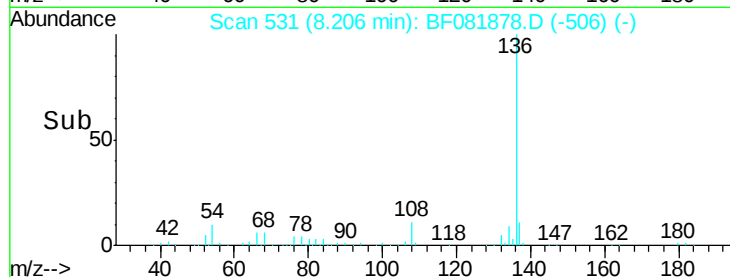
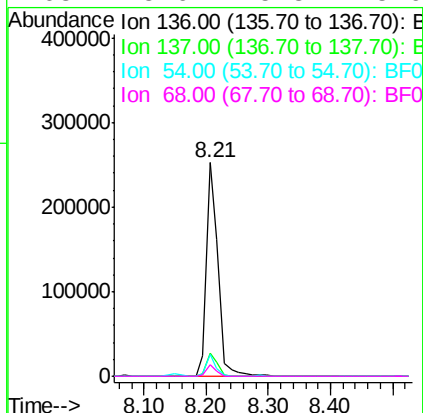
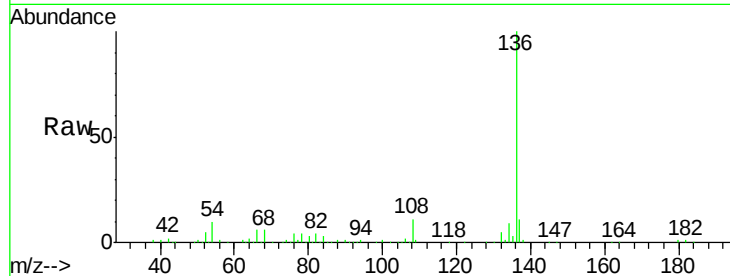
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.0	13.6
54	9.9	8.2	12.2
68	5.6	5.8	8.6#

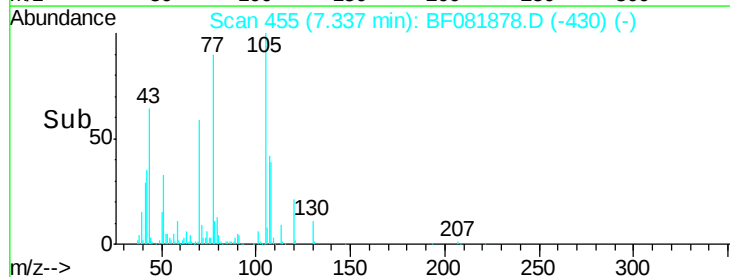
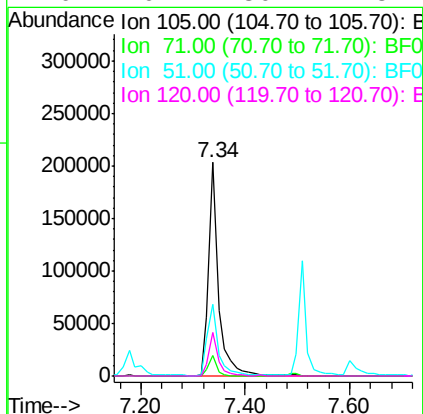
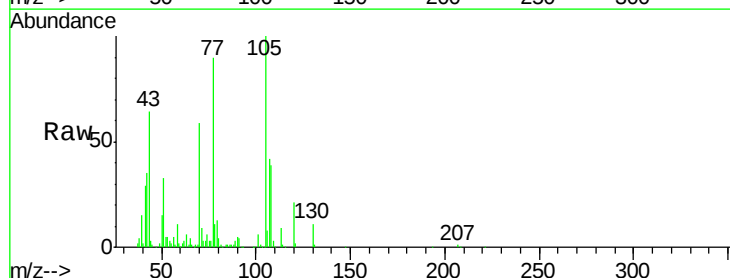
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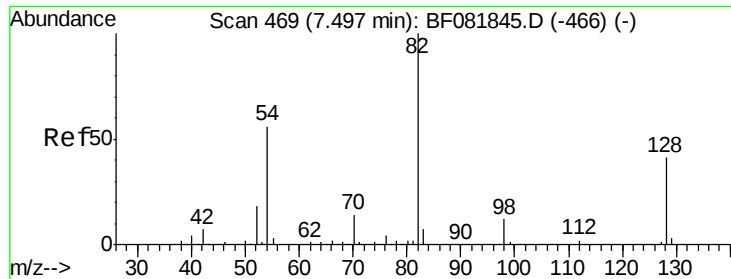
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#22
Acetophenone
Concen: 40.36 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	9.4	4.7	7.1#
51	33.3	22.0	33.0#
120	20.7	30.1	45.1#





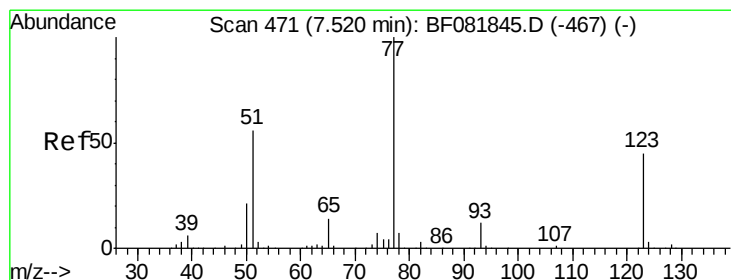
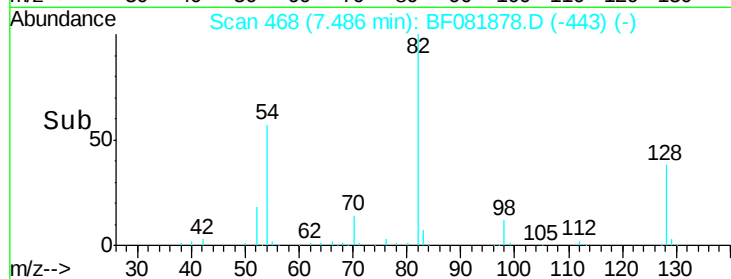
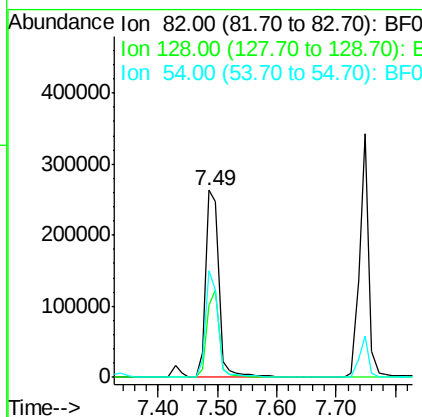
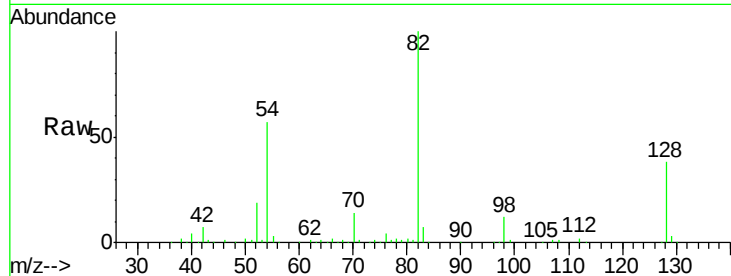
#23
 Nitrobenzene-d5
 Concen: 84.69 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	414324		
128	38.3	51.0	76.6#	
54	57.2	47.5	71.3	

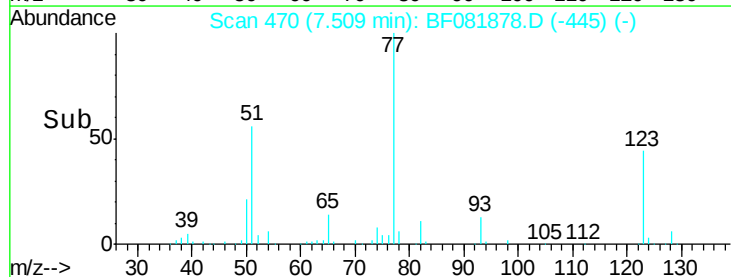
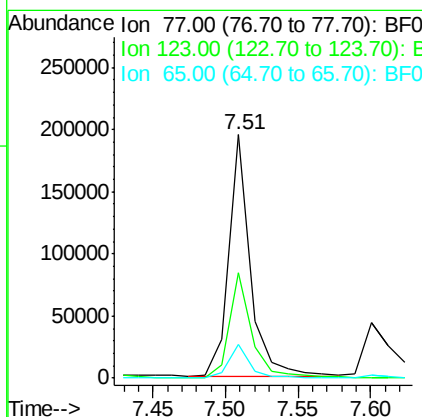
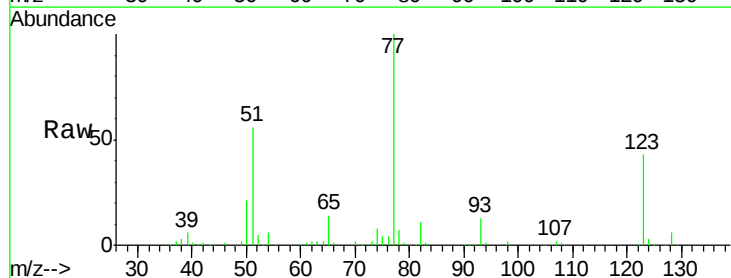
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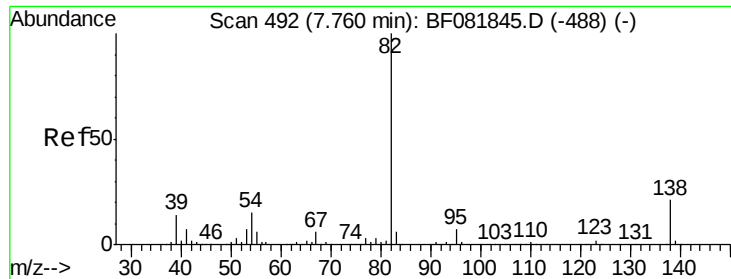
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#24
 Nitrobenzene
 Concen: 37.87 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	201185		
123	43.1	59.8	89.8#	
65	14.0	10.2	15.4	





#25

Isophorone

Concen: 37.69 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB85717BSD

Tgt Ion: 82 Resp: 365516
Ion Ratio Lower Upper

82 100

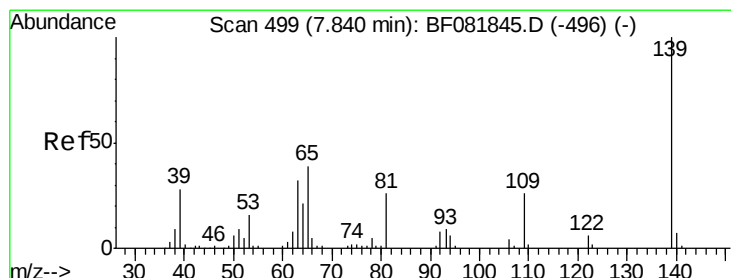
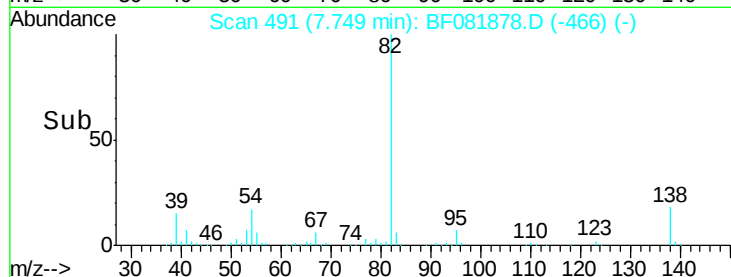
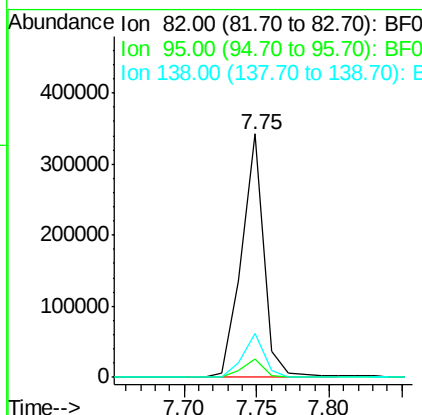
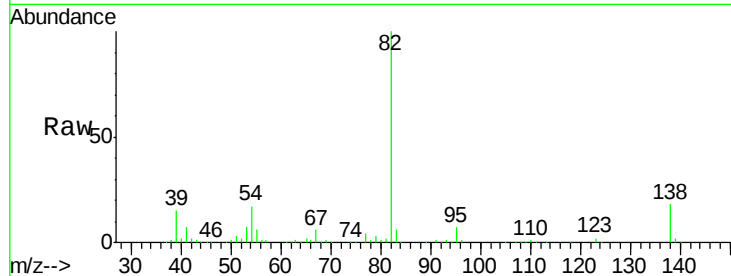
95 7.3 4.0 6.0#

138 18.1 18.3 27.5#

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#26

2-Nitrophenol

Concen: 41.46 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF081878.D

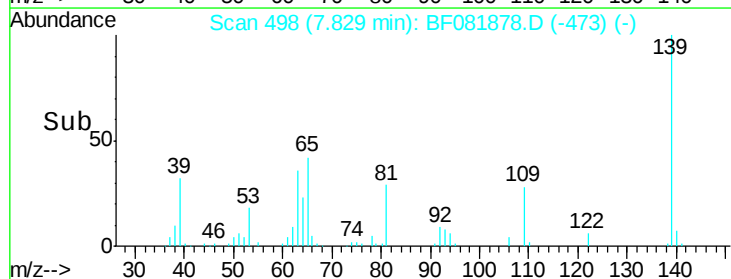
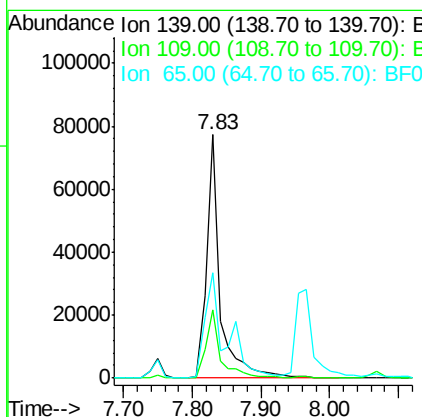
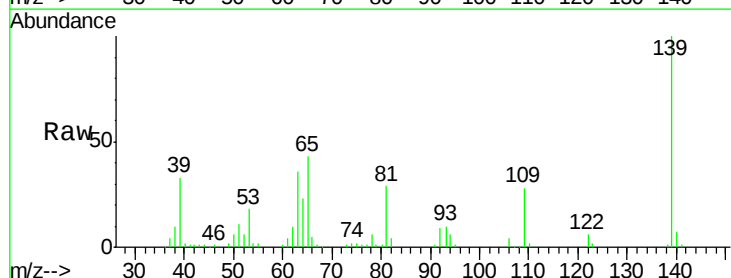
Acq: 29 Sep 2015 14:22

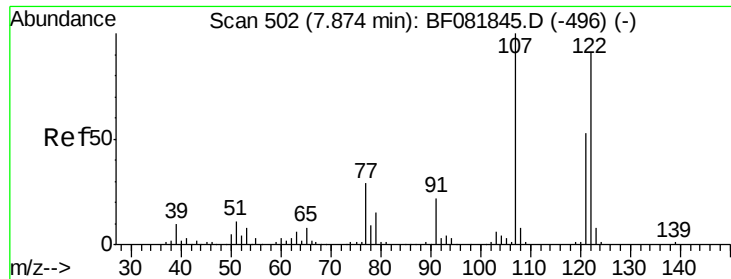
Tgt Ion: 139 Resp: 105719
Ion Ratio Lower Upper

139 100

109 28.1 11.0 16.4#

65 43.1 24.7 37.1#





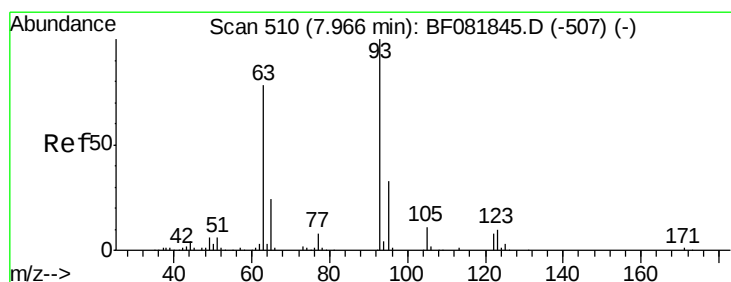
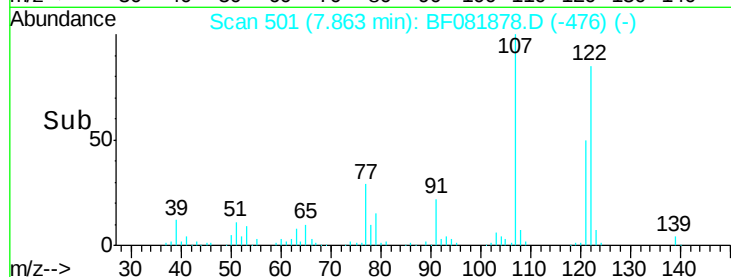
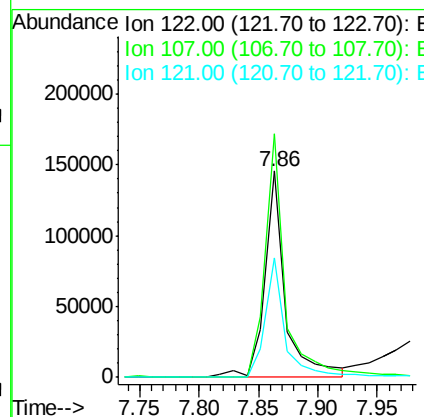
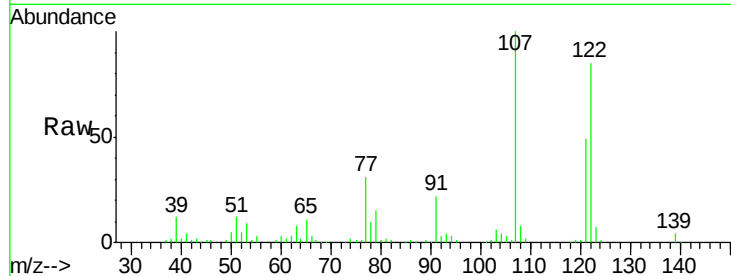
#27
2,4-Dimethylphenol
Concen: 39.14 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion: 122 Resp: 175607
Ion Ratio Lower Upper
122 100
107 118.2 71.8 107.6#
121 58.2 42.3 63.5

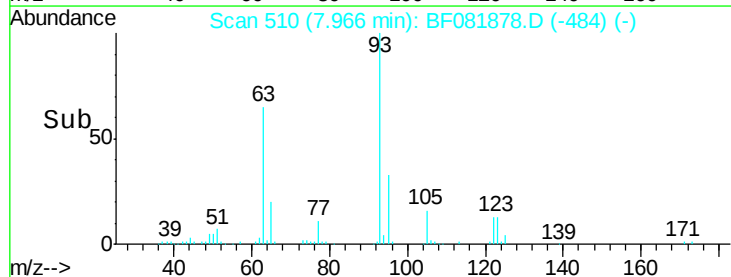
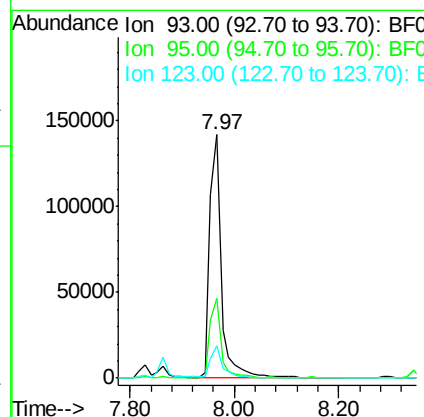
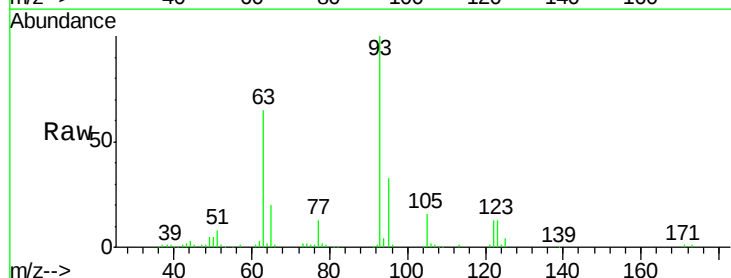
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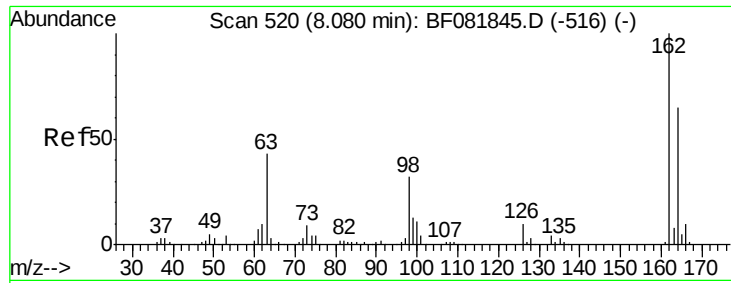
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#28
bis(2-Chloroethoxy)methane
Concen: 37.97 ng
RT: 7.97 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion: 93 Resp: 218680
Ion Ratio Lower Upper
93 100
95 32.6 27.5 41.3
123 13.4 13.7 20.5#





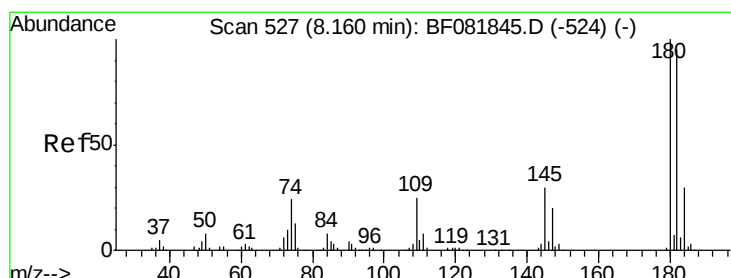
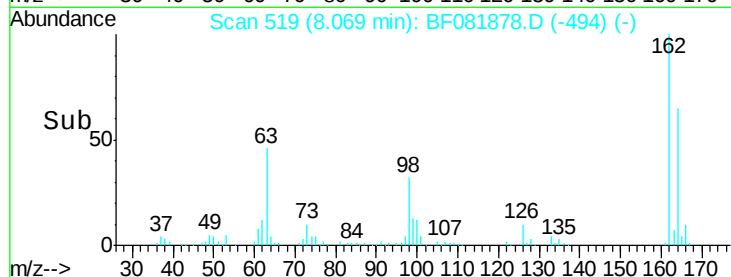
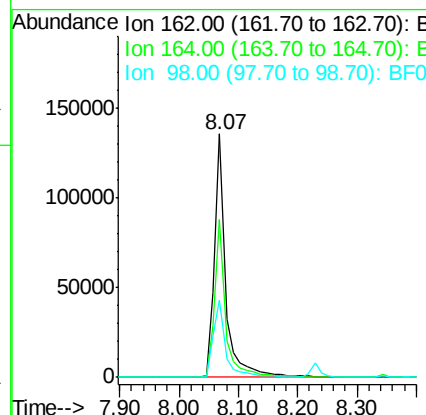
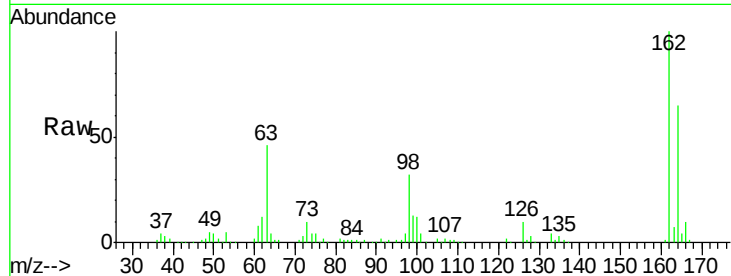
#29
 2,4-Dichlorophenol
 Concen: 41.38 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	179989		
164	65.0	44.9	84.9	
98	31.6	13.0	53.0	

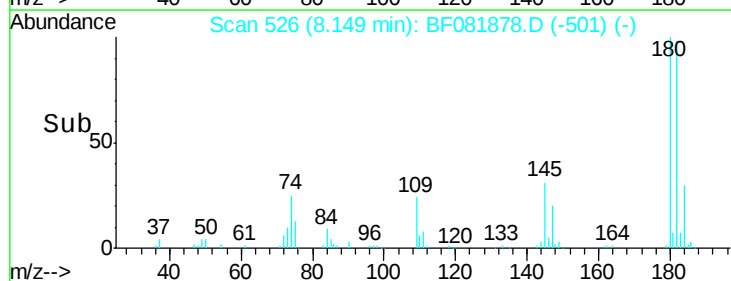
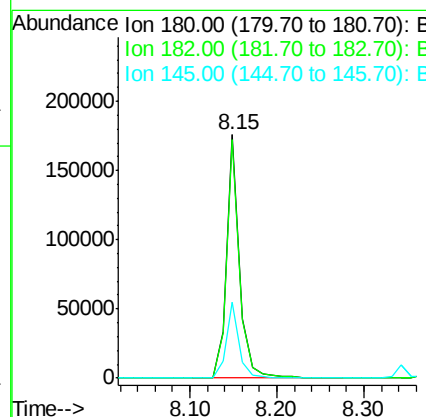
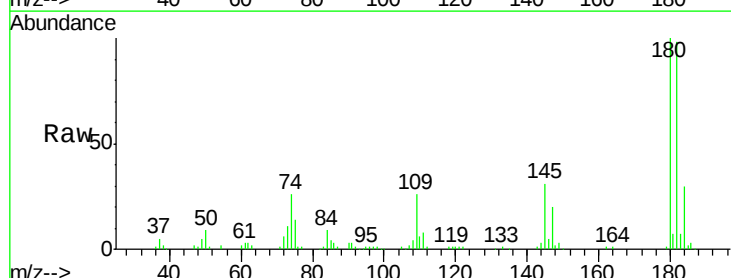
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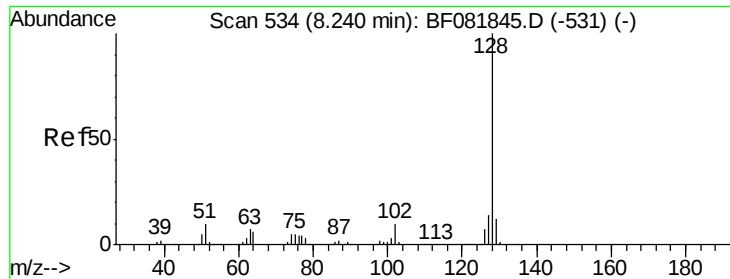
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.11 ng
 RT: 8.15 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	185082		
182	97.8	77.1	115.7	
145	31.1	23.3	34.9	





#31

Naphthalene

Concen: 38.63 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

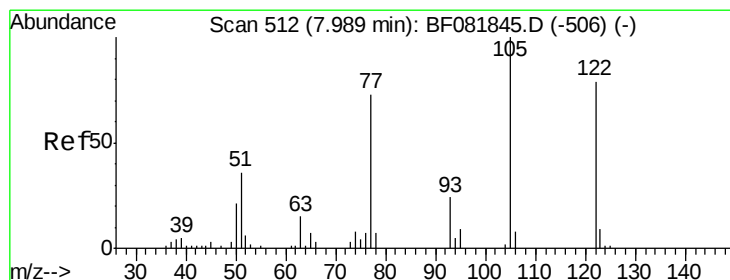
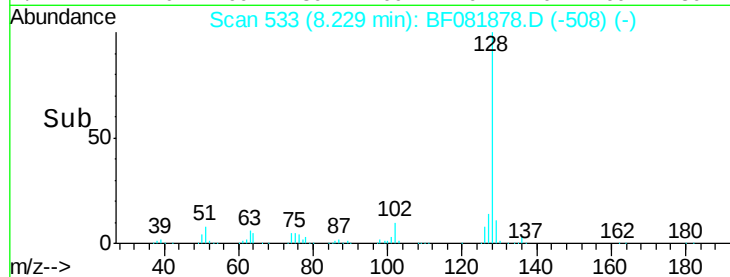
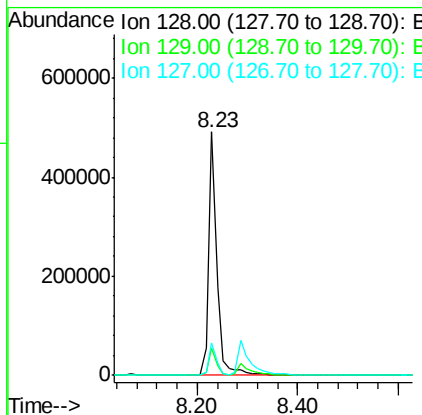
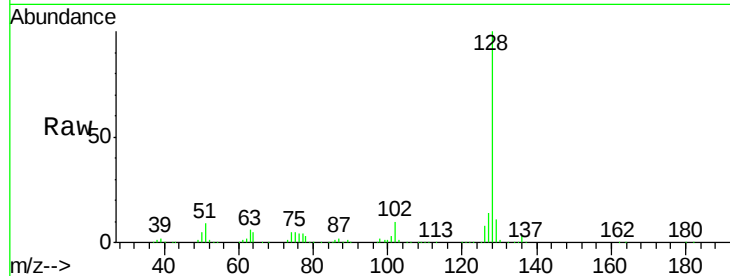
ClientSampleId :

PB85717BSD

Tgt Ion:	128	Resp:	558262
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.4	12.6
127	13.6	9.9	14.9

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#32

Benzoic acid

Concen: 34.95 ng

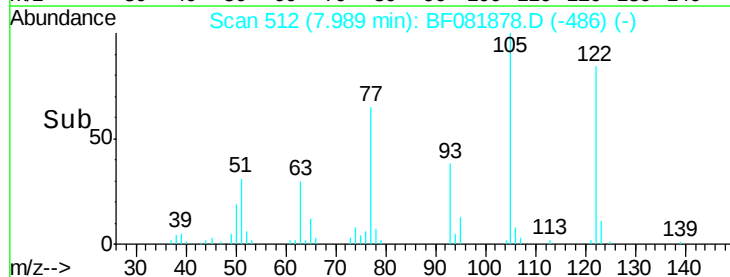
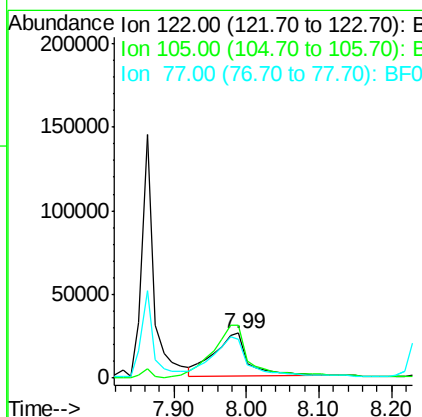
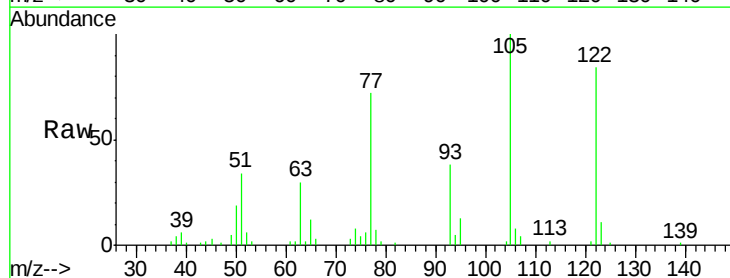
RT: 7.99 min Scan# 512

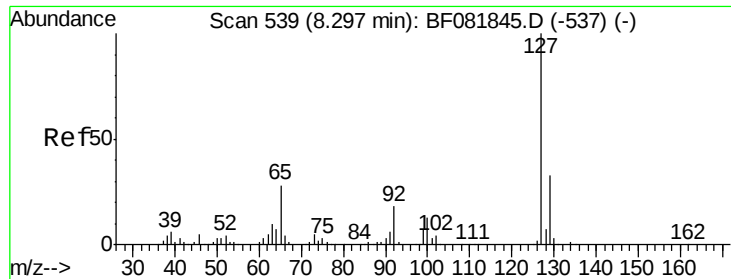
Delta R.T. 0.00 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Tgt Ion:	122	Resp:	87453
Ion Ratio	Lower	Upper	
122	100		
105	118.4	76.1	116.1#
77	85.5	40.5	80.5#





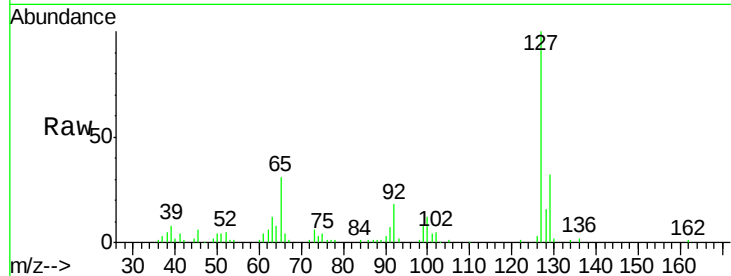
#33
 4-Chloroaniline
 Concen: 20.77 ng
 RT: 8.29 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleID :
 PB85717BSD

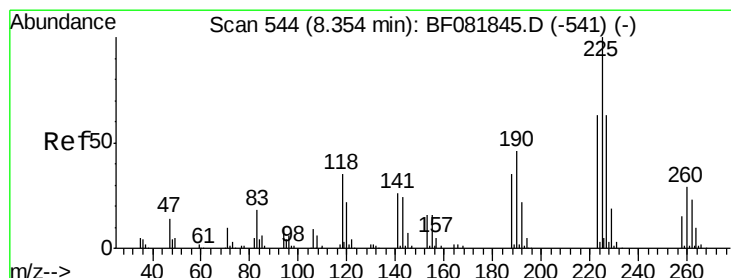
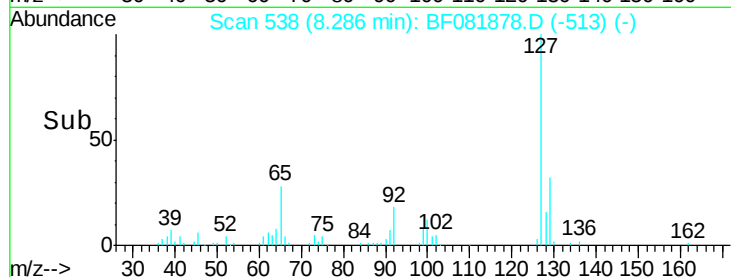
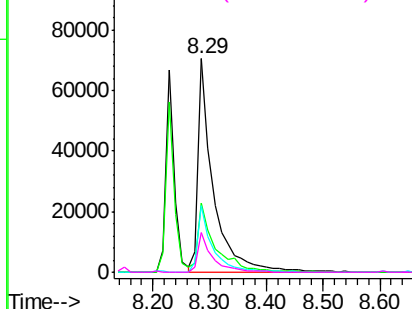
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	129756		
129	32.4	25.8	38.6	
65	31.1	17.9	26.9	
92	18.5	10.5	15.7	

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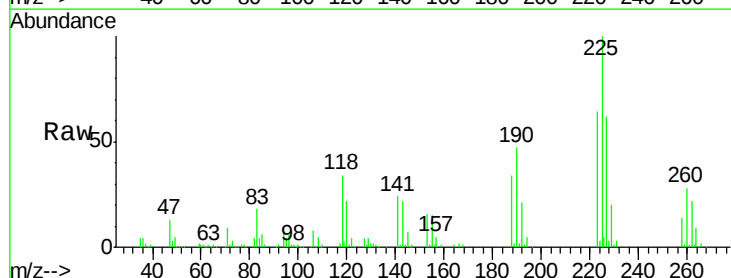


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

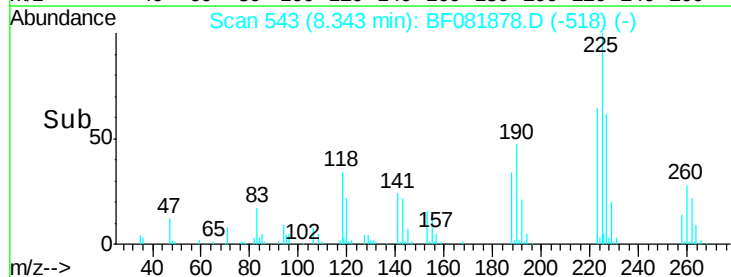
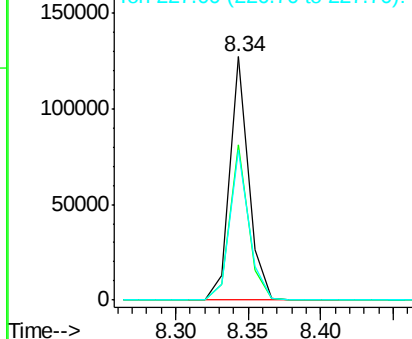


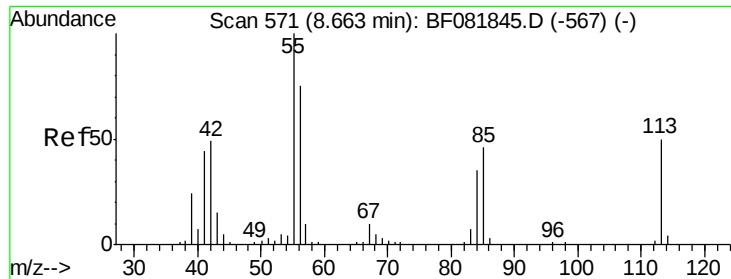
#34
 Hexachlorobutadiene
 Concen: 40.15 ng
 RT: 8.34 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115316		
223	63.6	50.2	75.2	
227	61.8	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.07 ng m

RT: 8.65 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

ClientSampleId :

PB85717BSD

Tgt Ion:113 Resp: 48260

Ion Ratio Lower Upper

113 100

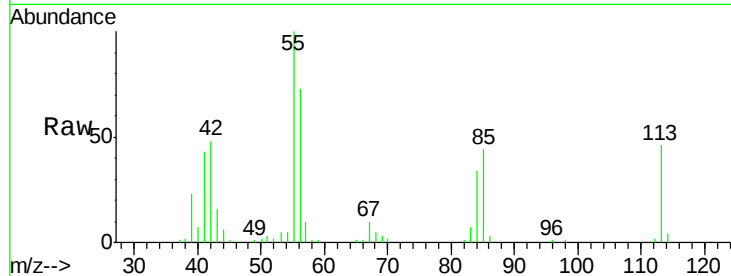
55 215.2 152.4 192.4#

56 158.1 104.6 144.6#

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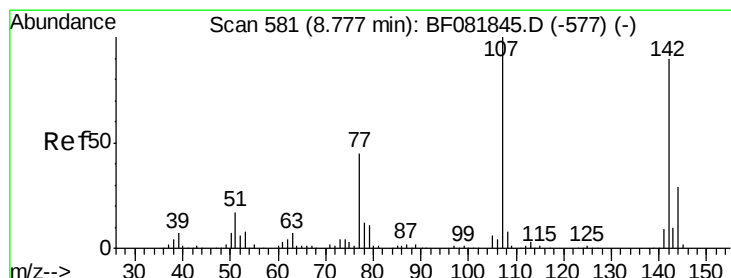
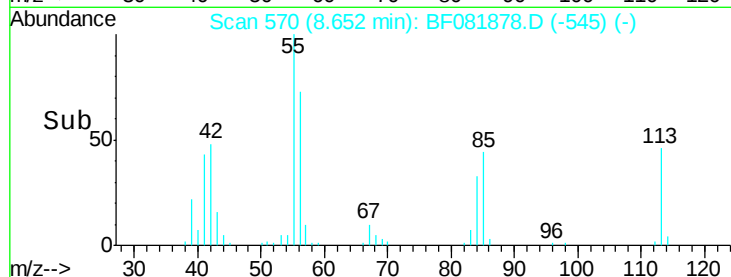
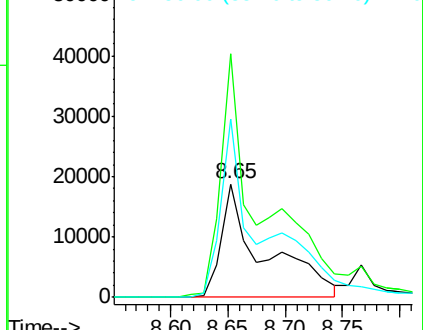
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.54 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

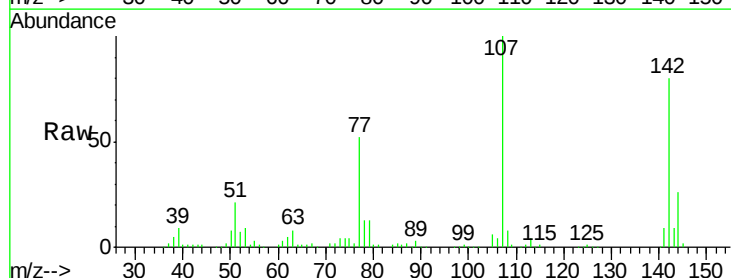
Tgt Ion:107 Resp: 189437

Ion Ratio Lower Upper

107 100

144 26.3 25.4 38.0

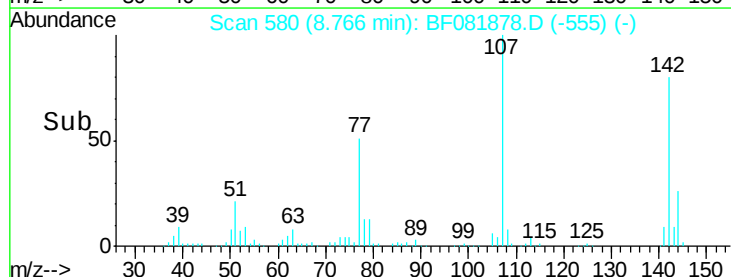
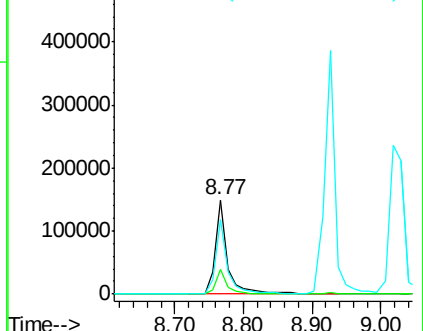
142 79.7 77.3 115.9

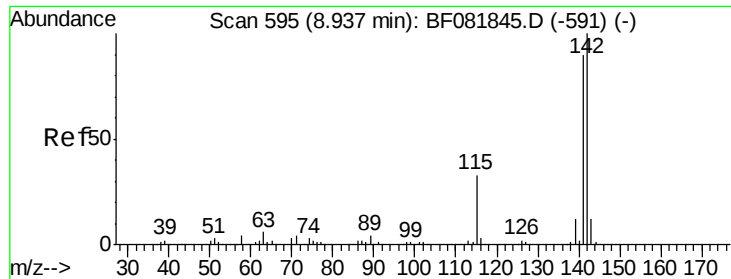


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





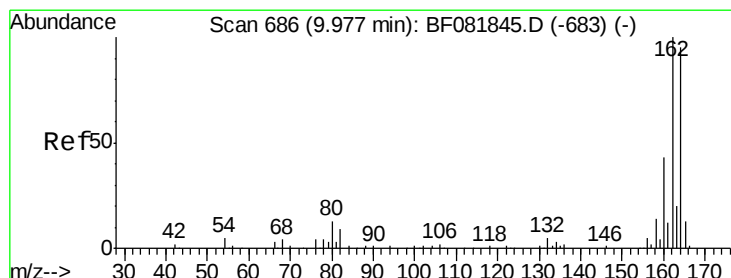
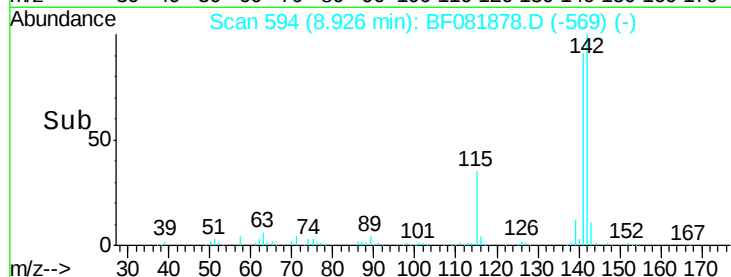
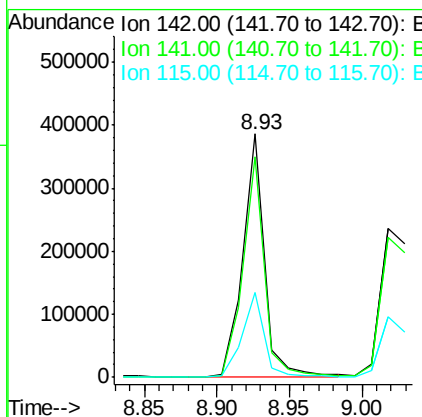
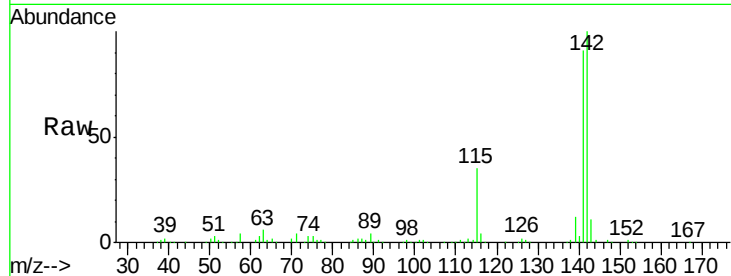
#37
2-Methylnaphthalene
Concen: 40.89 ng
RT: 8.93 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	403305		
141	90.5	67.5	101.3	
115	35.1	18.2	27.2	

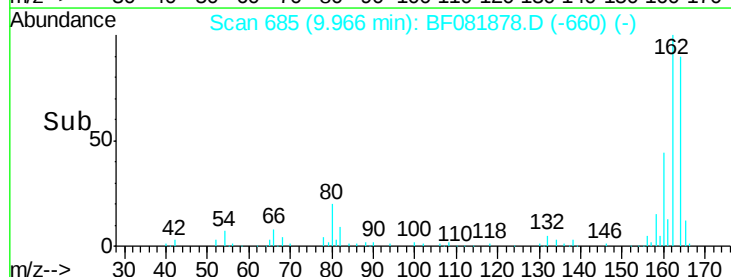
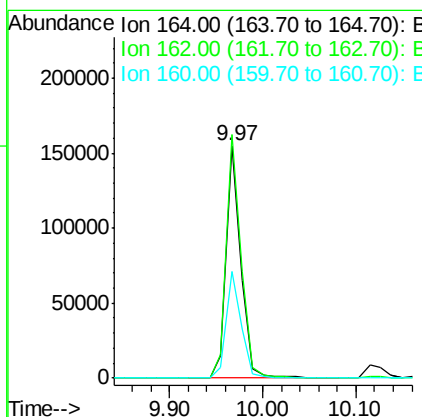
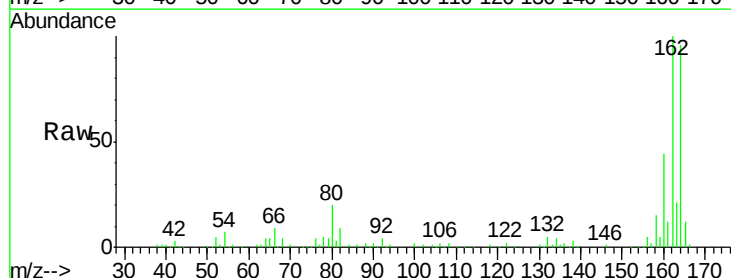
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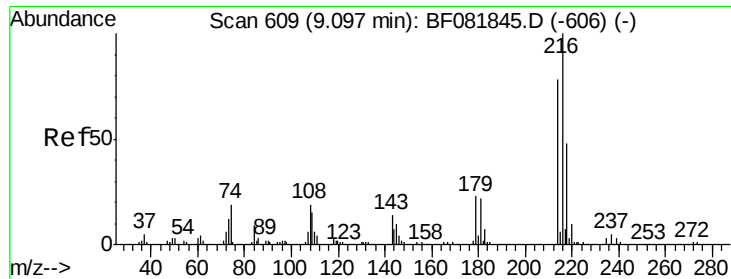
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169676		
162	104.7	75.2	112.8	
160	45.9	31.5	47.3	





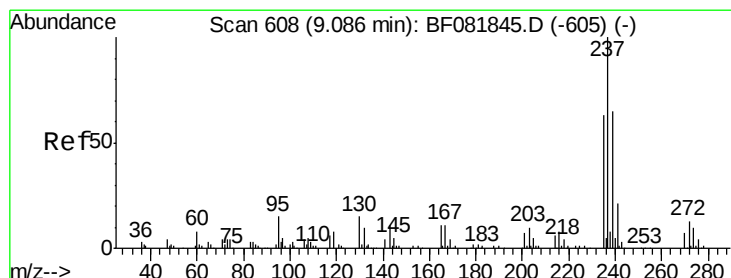
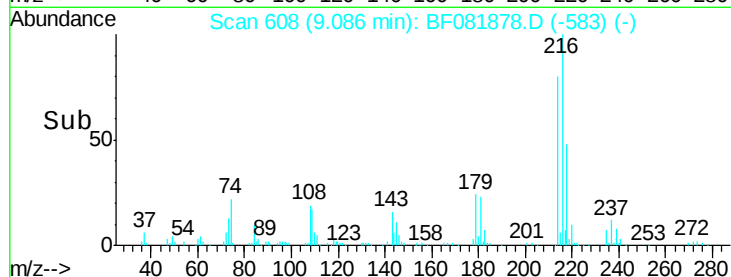
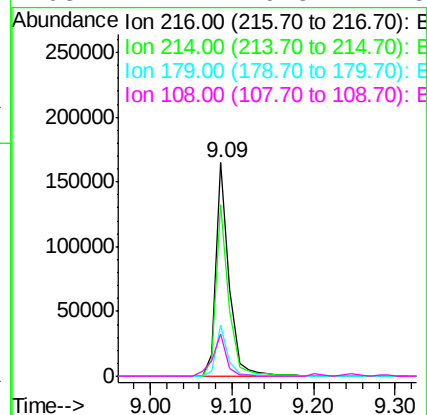
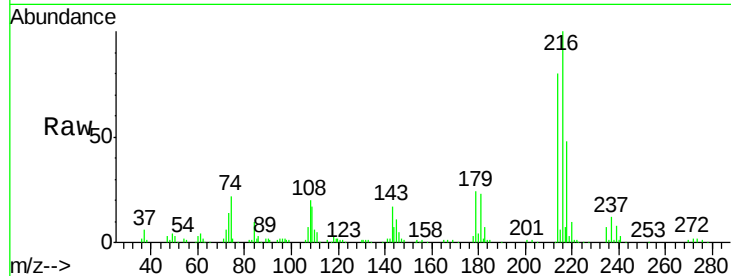
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.74 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	186176		
214	78.6	63.5	95.3	
179	22.0	16.6	24.8	
108	21.2	16.3	24.5	

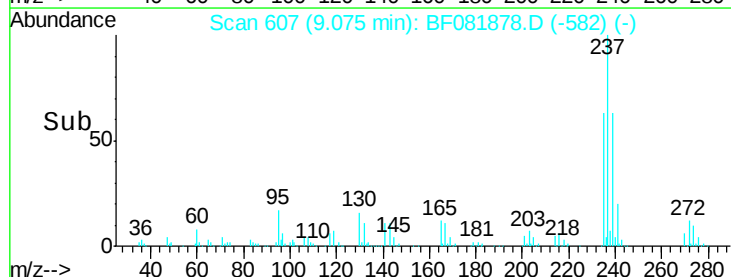
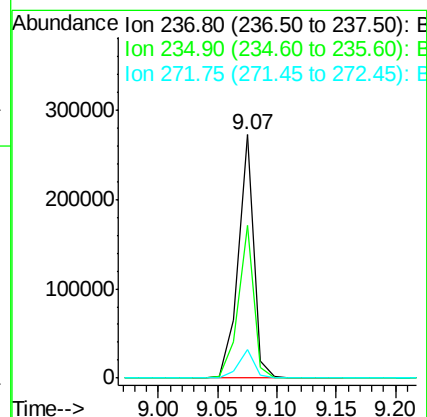
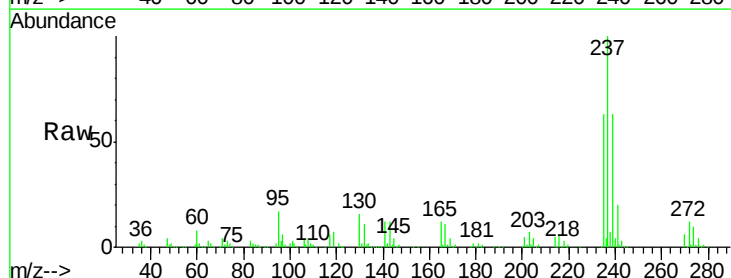
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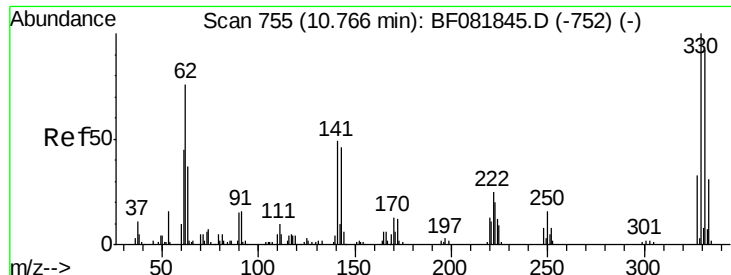
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#40
 Hexachlorocyclopentadiene
 Concen: 92.32 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	247644		
235	62.9	42.0	82.0	
272	11.9	0.0	36.1	





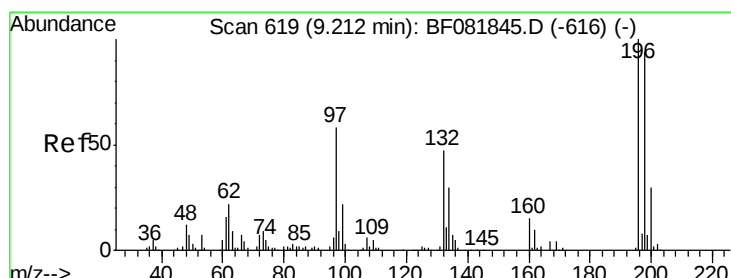
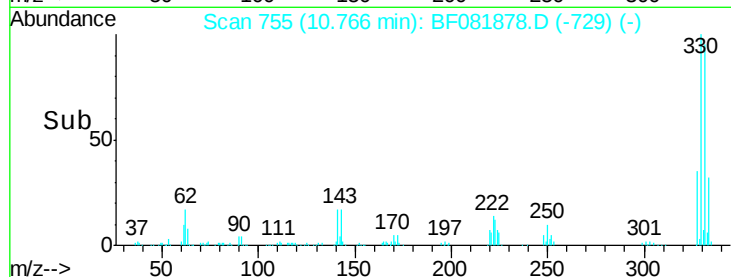
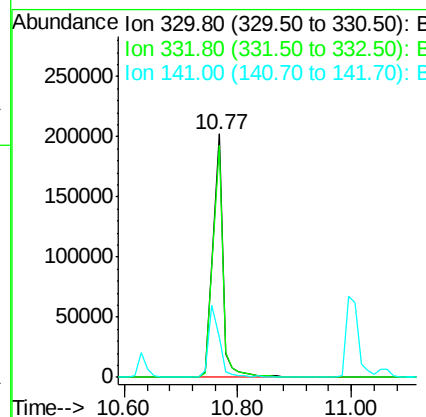
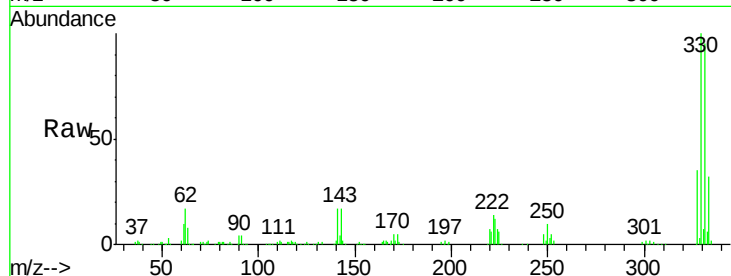
#41
 2,4,6-Tribromophenol
 Concen: 138.62 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238209		
332	95.8	76.6	114.8	
141	31.7	29.7	44.5	

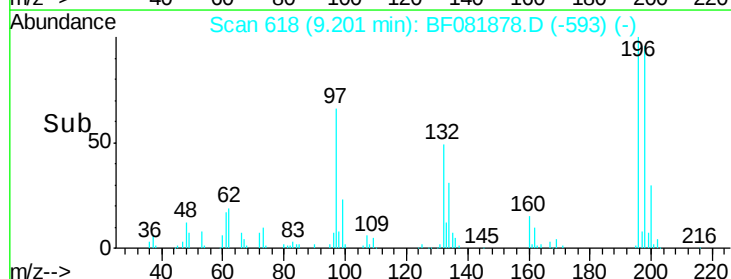
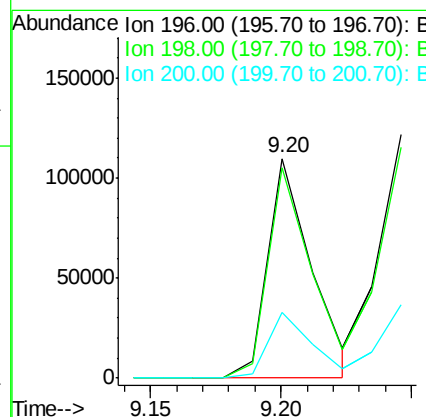
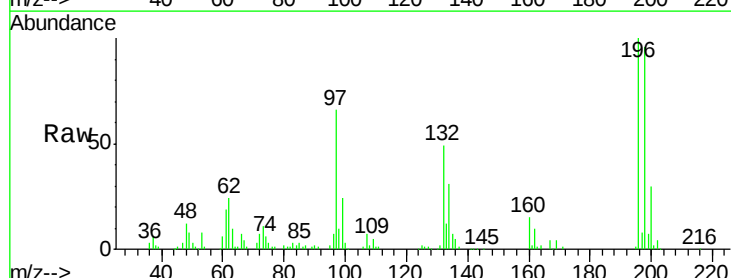
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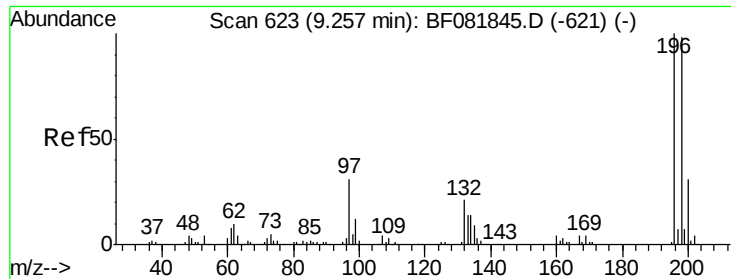
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 35.72 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127564		
198	95.5	75.7	113.5	
200	29.8	23.9	35.9	





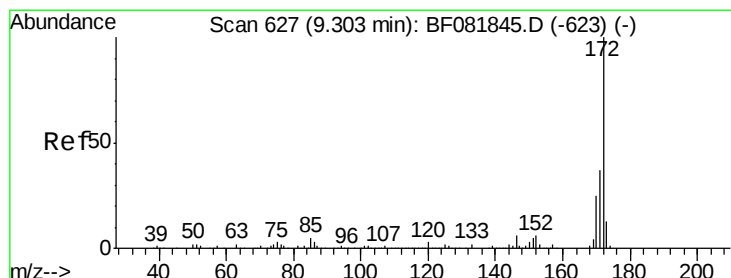
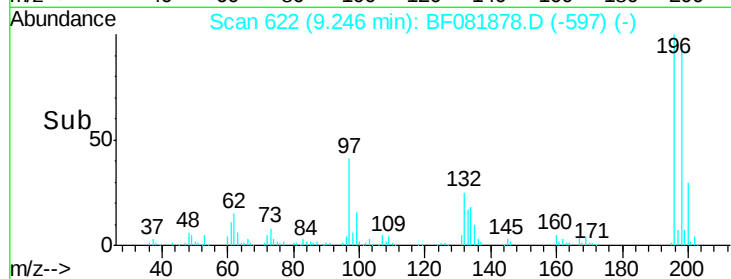
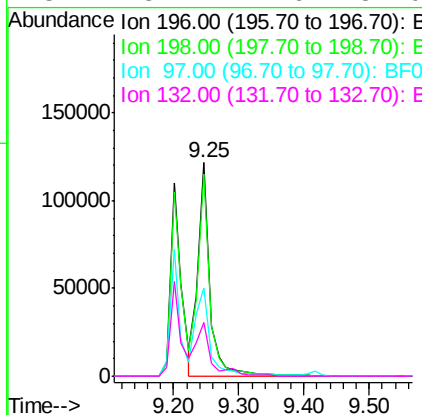
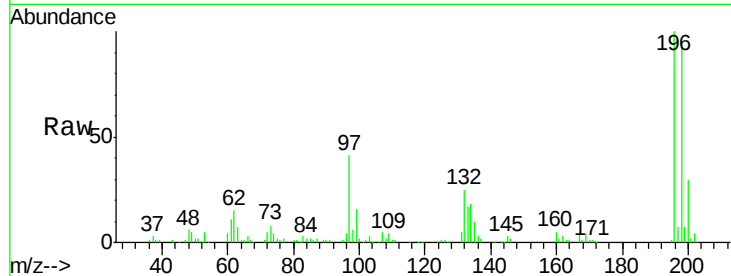
#43
 2,4,5-Trichlorophenol
 Concen: 42.79 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157157		
198	94.8	75.4	113.0	
97	41.1	33.3	49.9	
132	25.4	24.6	37.0	

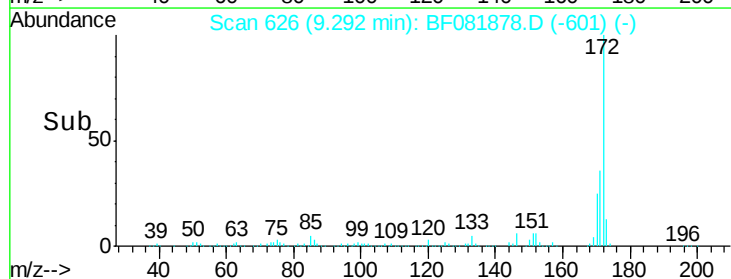
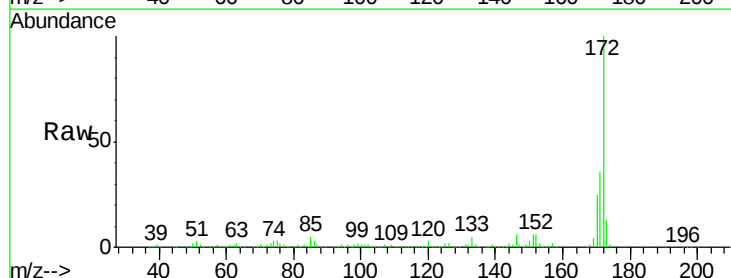
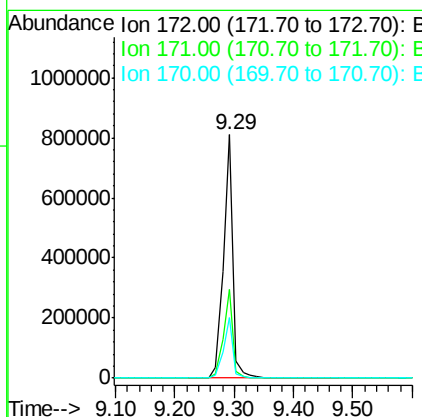
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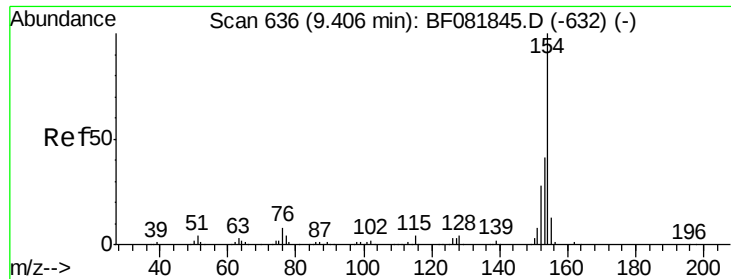
apatel
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#44
 2-Fluorobiphenyl
 Concen: 89.06 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	894670		
171	36.3	26.1	39.1	
170	24.9	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 37.72 ng

RT: 9.39 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

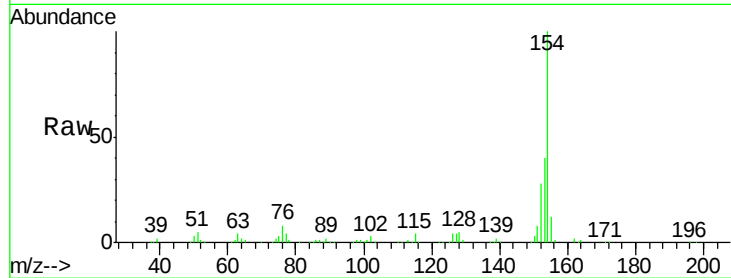
ClientSampleId :

PB85717BSD

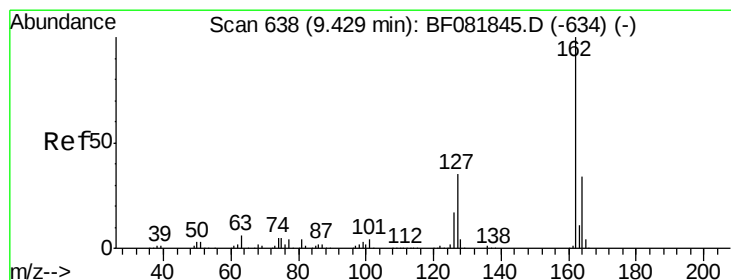
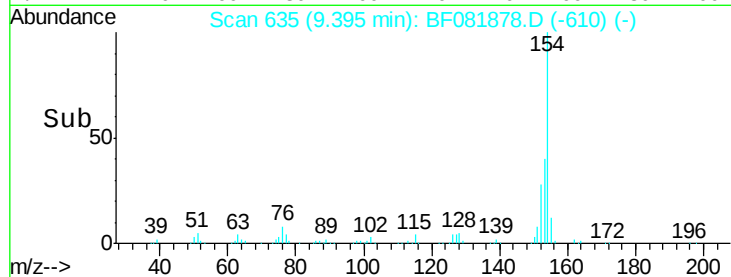
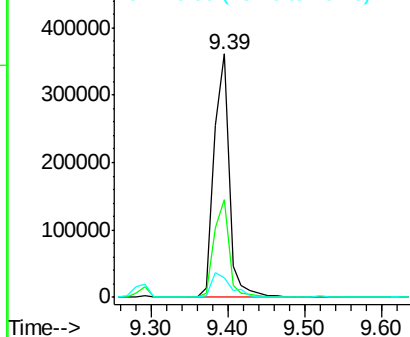
Tgt Ion:	154	Resp:	493738
Ion Ratio	Lower	Upper	
154	100		
153	40.0	17.1	57.1
76	8.3	0.0	31.6

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.63 ng

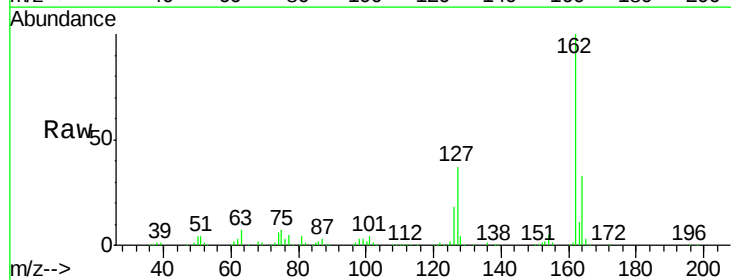
RT: 9.42 min Scan# 637

Delta R.T. -0.01 min

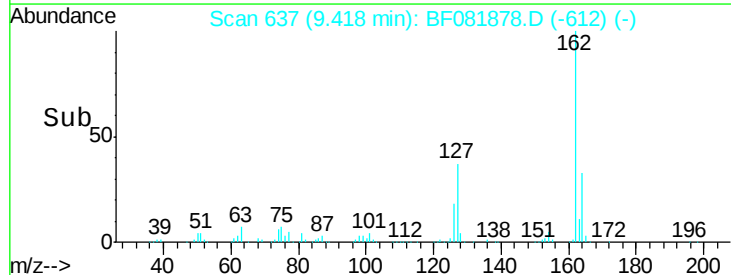
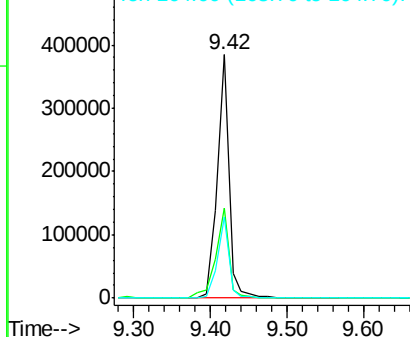
Lab File: BF081878.D

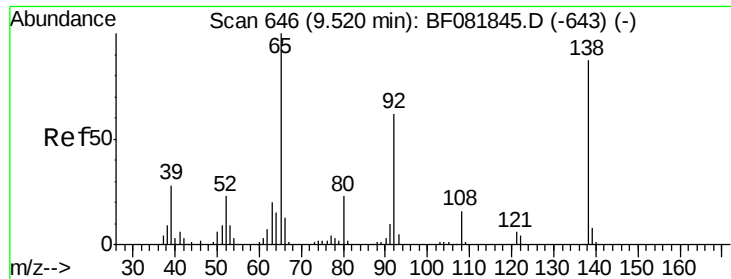
Acq: 29 Sep 2015 14:22

Tgt Ion:	162	Resp:	407348
Ion Ratio	Lower	Upper	
162	100		
127	37.2	27.6	41.4
164	33.5	25.4	38.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





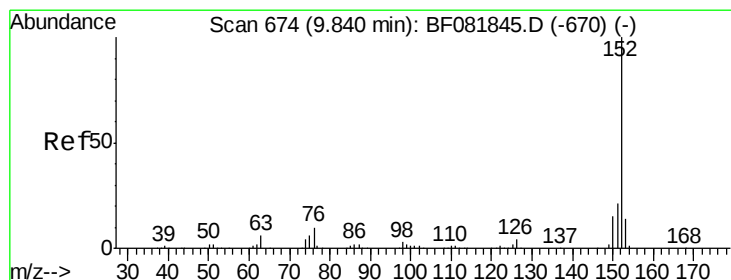
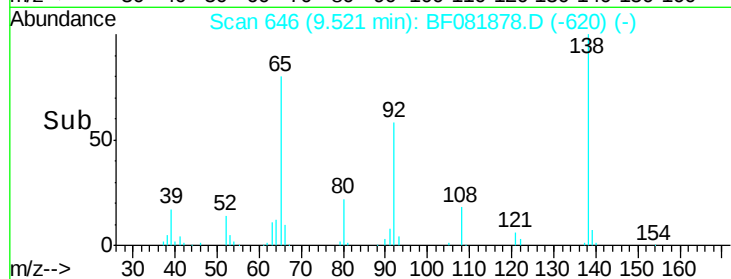
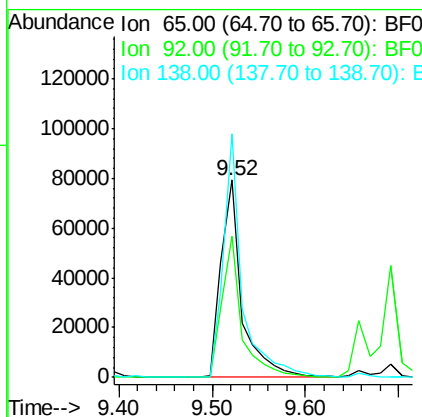
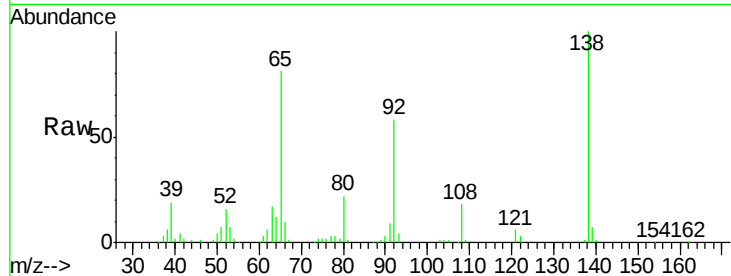
#47
 2-Nitroaniline
 Concen: 40.83 ng
 RT: 9.52 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	55.4	83.0
138	123.6	115.5	173.3

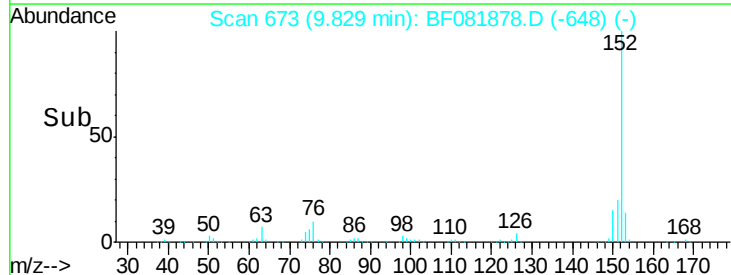
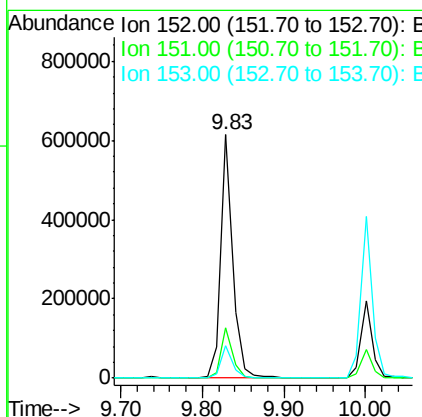
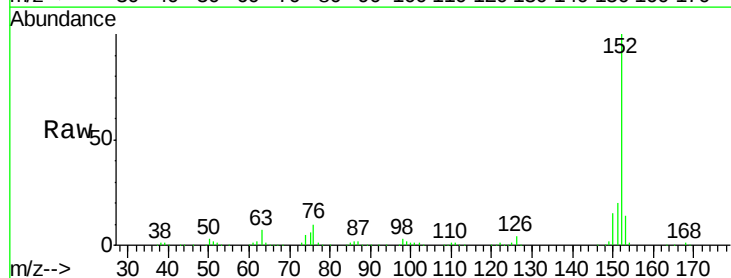
Manual Integrations
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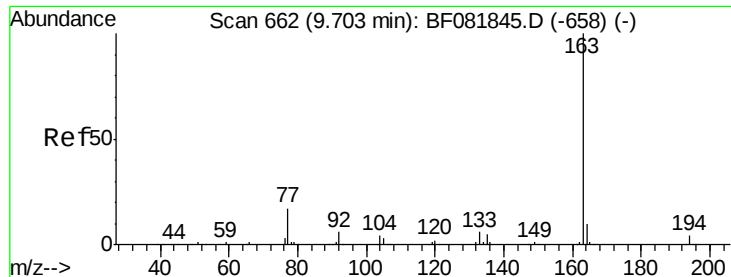
apatel
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#48
 Acenaphthylene
 Concen: 37.89 ng
 RT: 9.83 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	14.6	22.0
153	13.5	10.3	15.5





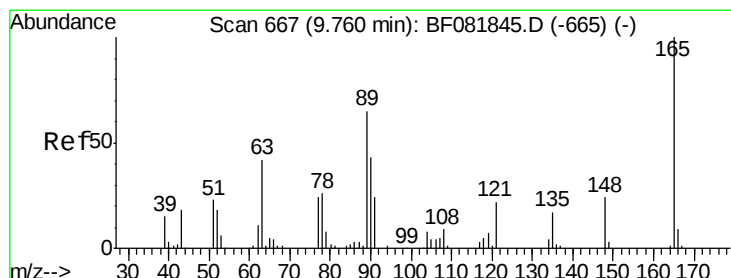
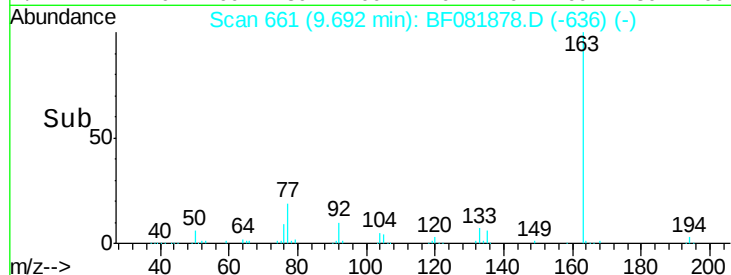
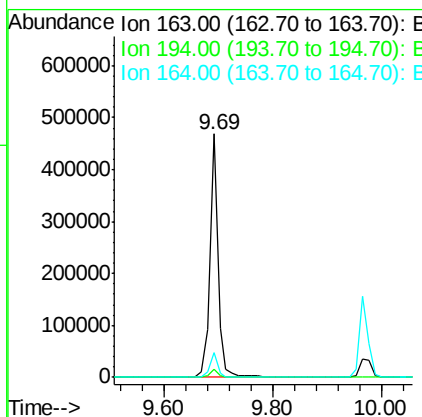
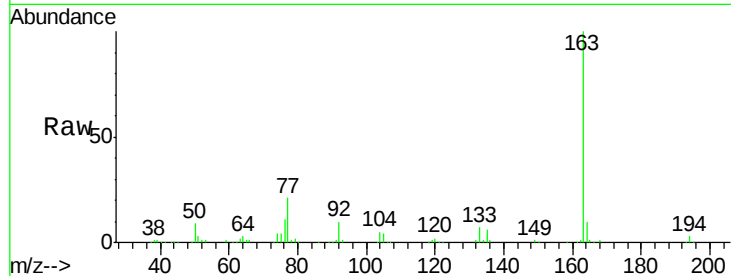
#49
Dimethylphthalate
Concen: 41.53 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	486400		
194	3.3	4.4	6.6#	
164	10.2	8.3	12.5	

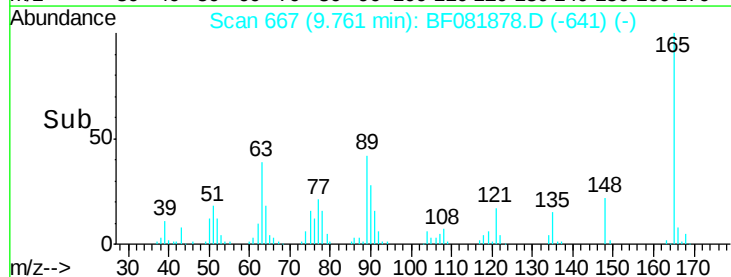
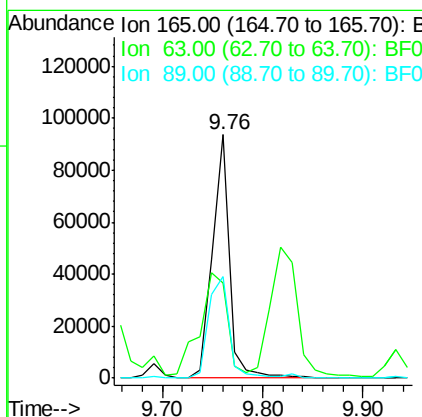
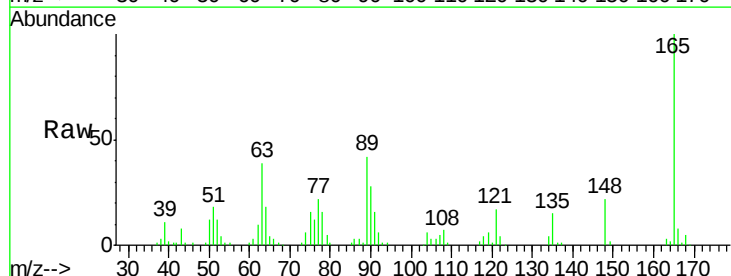
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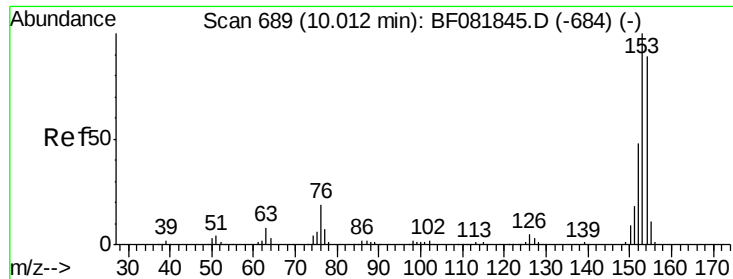
apatel
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#50
2,6-Dinitrotoluene
Concen: 43.37 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110270		
63	39.2	32.3	48.5	
89	41.6	28.6	43.0	





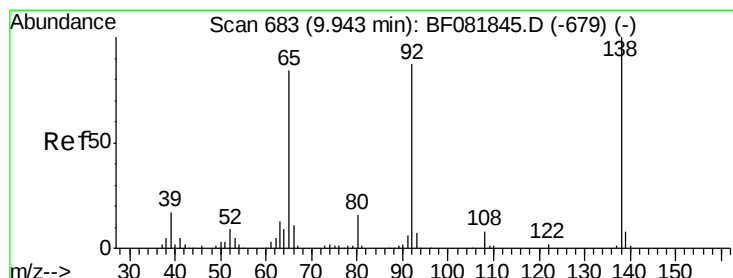
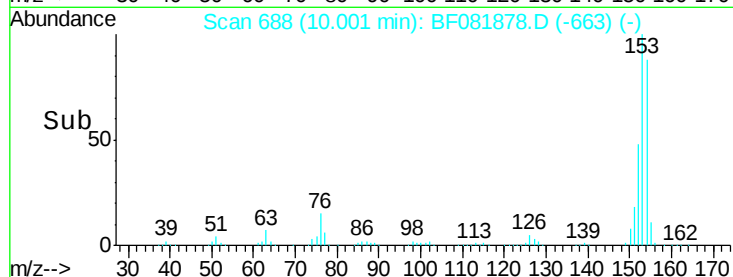
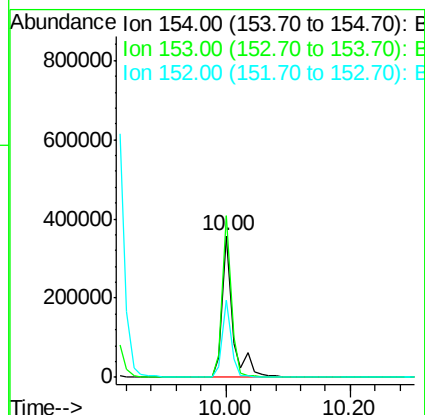
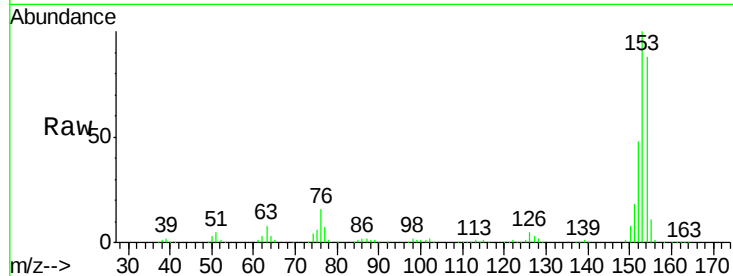
#51
Acenaphthene
Concen: 43.32 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	82.1	123.1
152	54.9	37.9	56.9

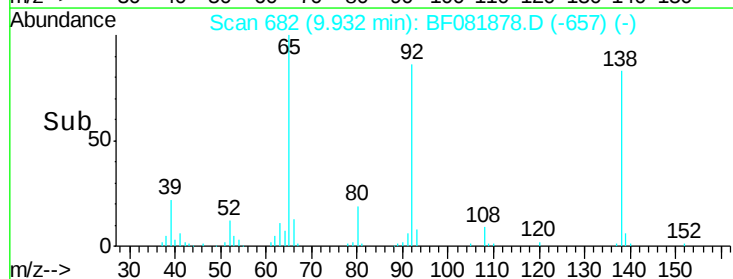
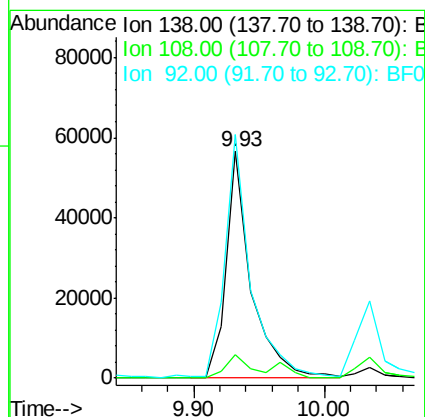
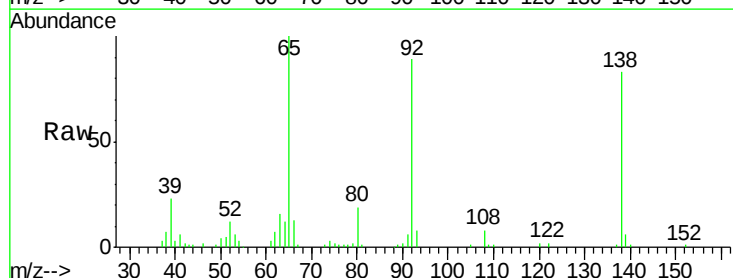
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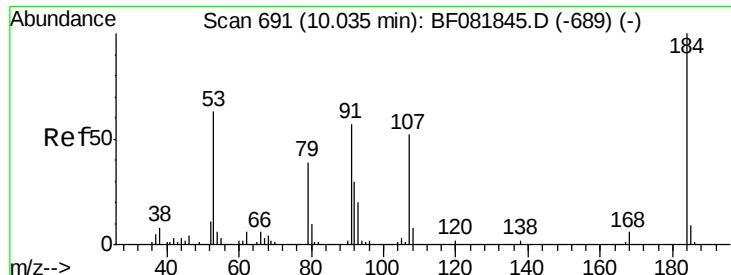
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#52
3-Nitroaniline
Concen: 25.87 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

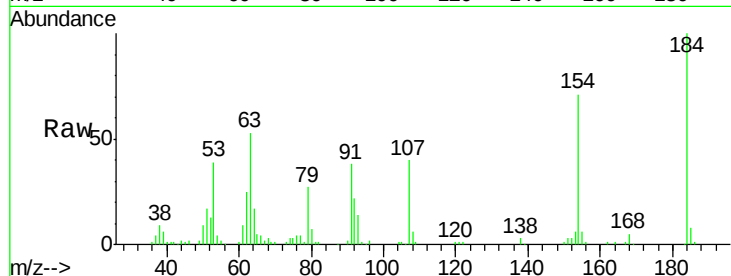
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	5.7	8.5#
92	107.5	67.7	101.5#





#53
2,4-Dinitrophenol
Concen: 80.22 ng
RT: 10.03 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

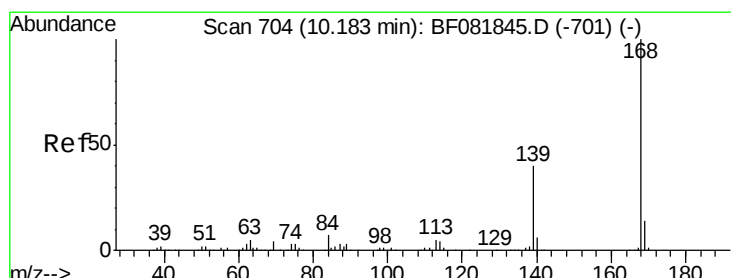
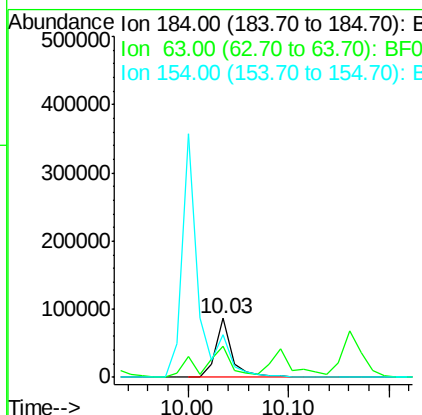
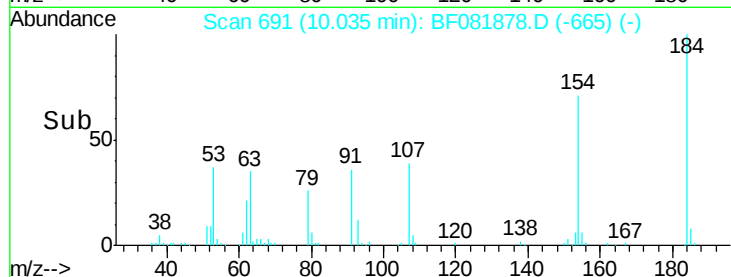
Instrument :
BNA_F
ClientSampleId :
PB85717BSD



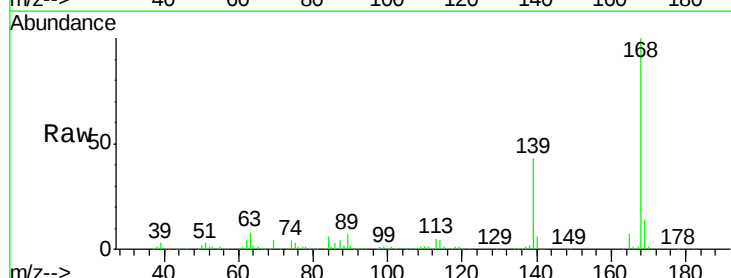
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	99576		
63	53.2	35.4	53.2#	
154	71.3	32.2	48.4#	

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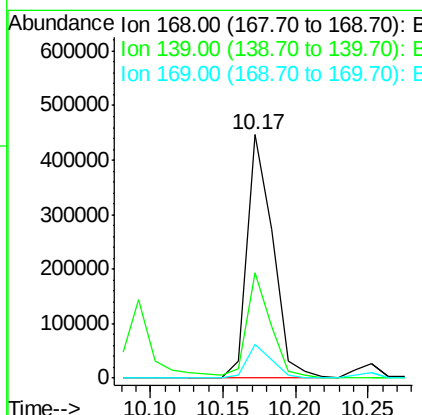
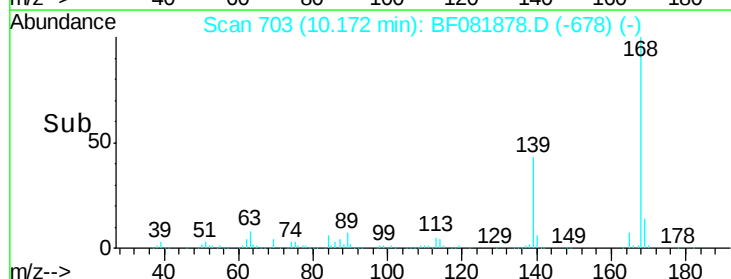
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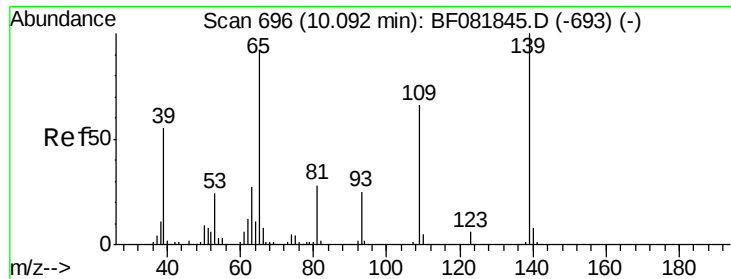


#54
Dibenzofuran
Concen: 39.72 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	548318		
139	43.1	24.2	36.2#	
169	14.0	10.6	15.8	





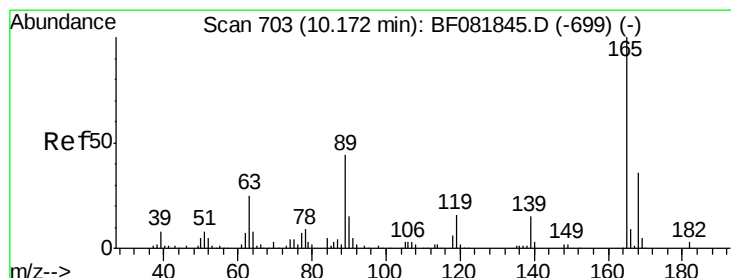
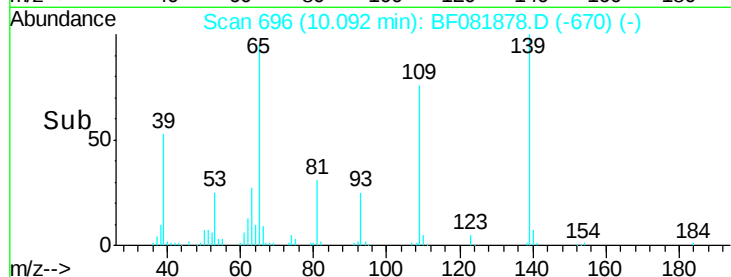
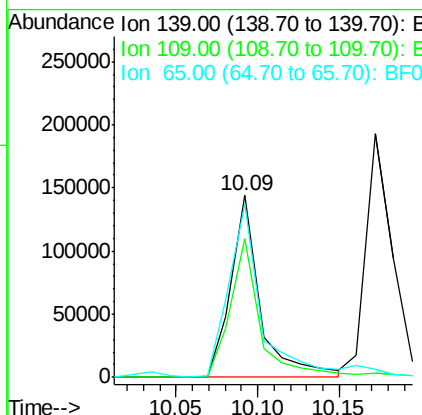
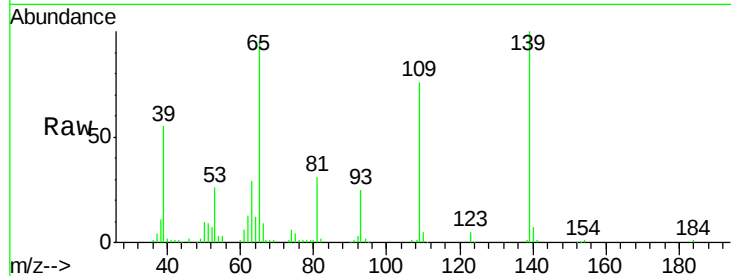
#55
4-Nitrophenol
Concen: 84.86 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	180377		
109	76.2	12.7	52.7#	
65	95.5	45.9	85.9#	

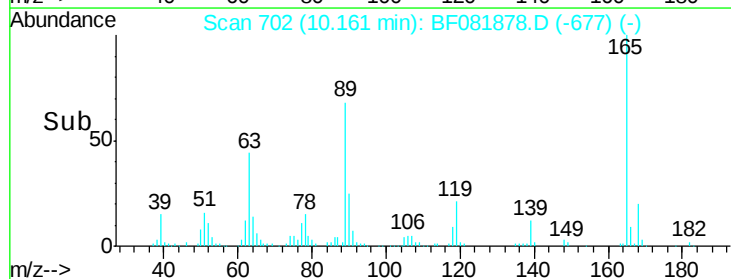
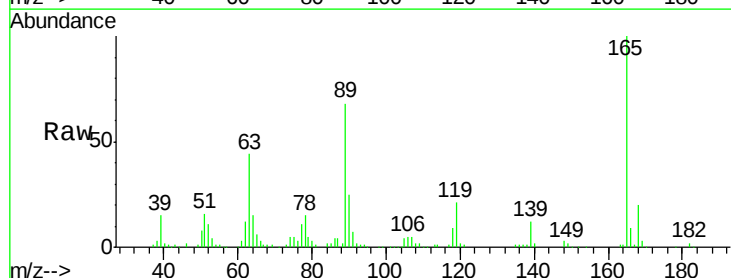
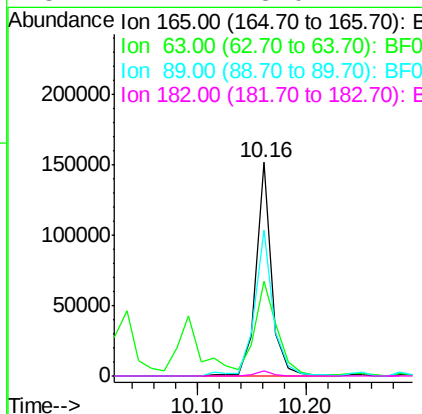
Manual Integrations
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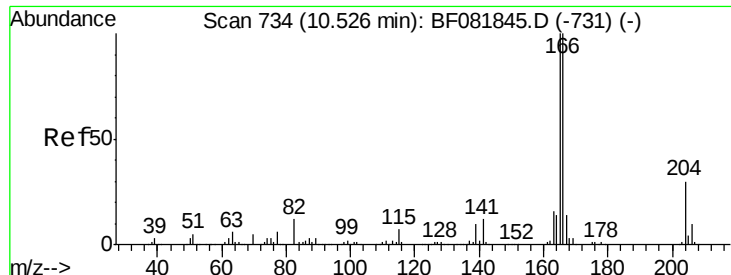
apatel
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#56
2,4-Dinitrotoluene
Concen: 46.92 ng
RT: 10.16 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152082		
63	44.4	29.8	44.6	
89	68.1	44.5	66.7#	
182	2.2	3.0	4.4#	





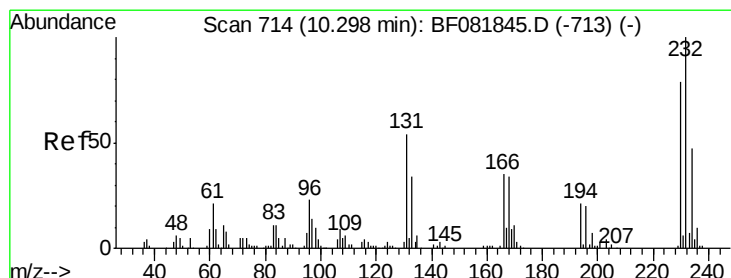
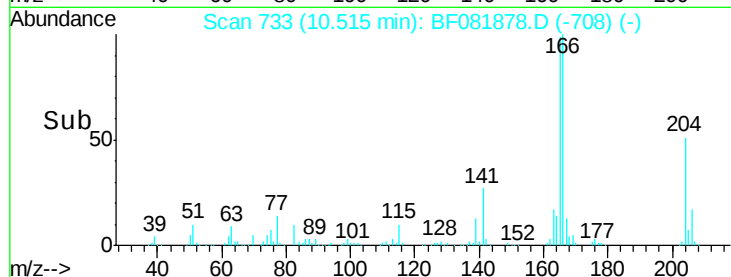
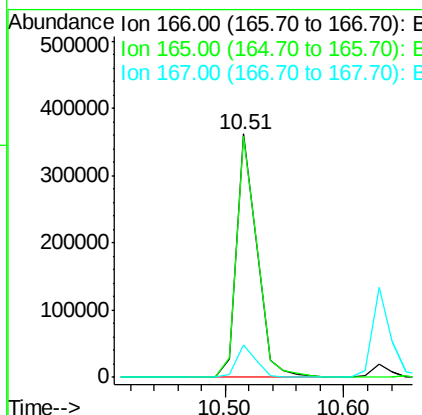
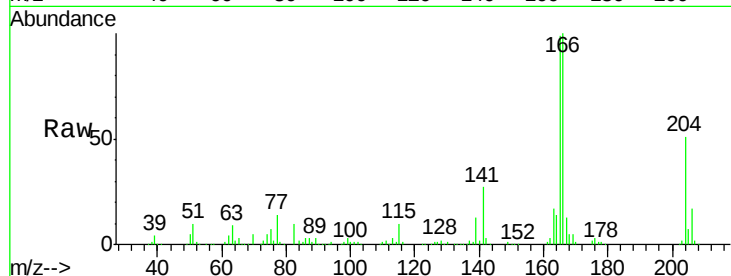
#57
Fluorene
 Concen: 44.33 ng
 RT: 10.51 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	438064		
165	99.2	72.6	109.0	
167	13.5	10.6	16.0	

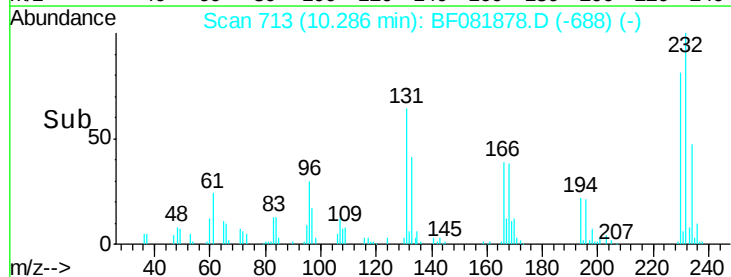
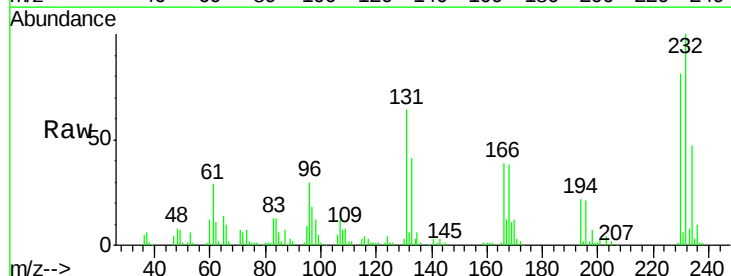
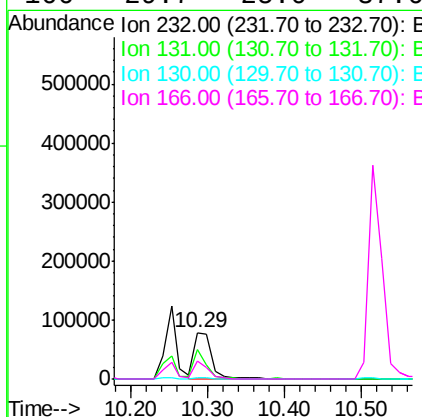
Manual Integrations
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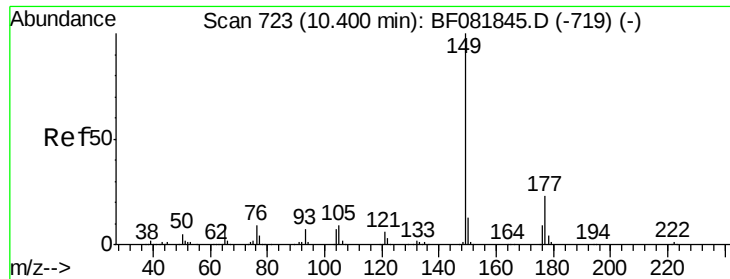
apatel
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.73 ng
 RT: 10.29 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	127385		
131	43.4	38.5	57.7	
130	2.0	1.8	2.6	
166	29.7	25.0	37.6	





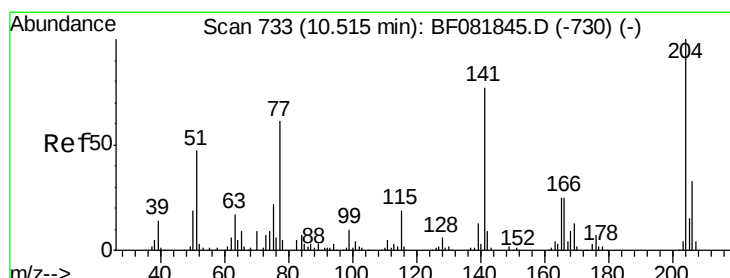
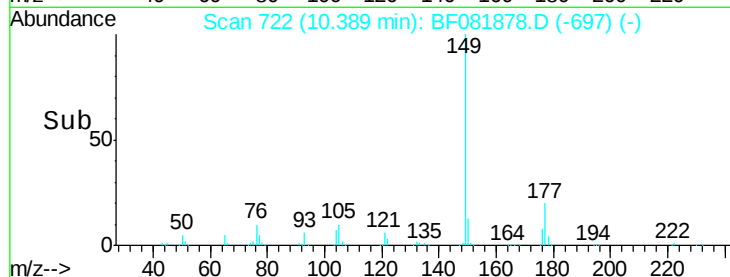
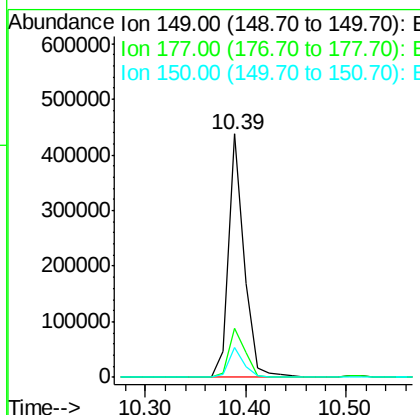
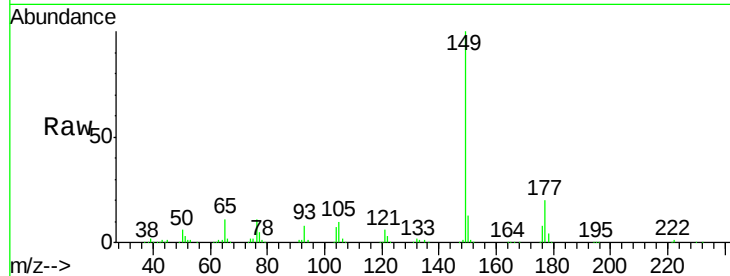
#59
Diethylphthalate
Concen: 43.23 ng
RT: 10.39 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	472972		
177	20.4	17.5	26.3	
150	12.5	9.4	14.2	

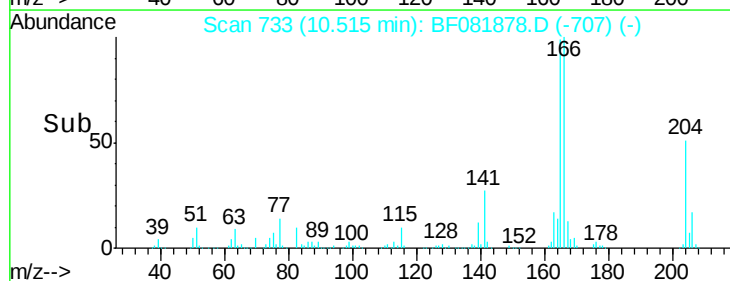
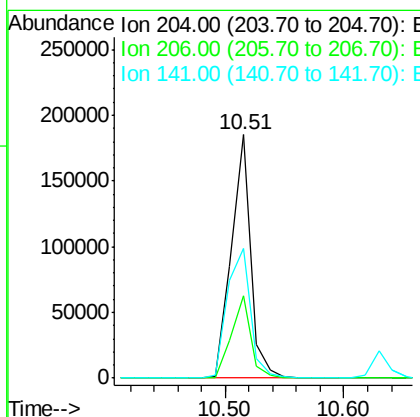
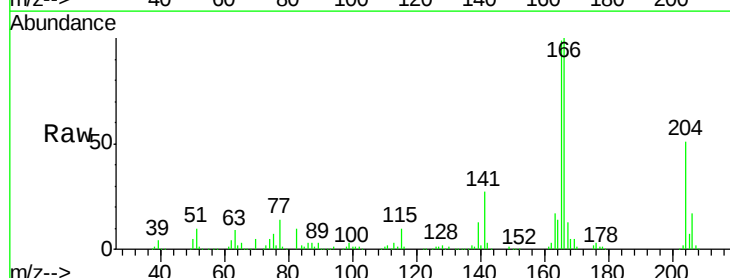
Manual Integrations
APPROVED

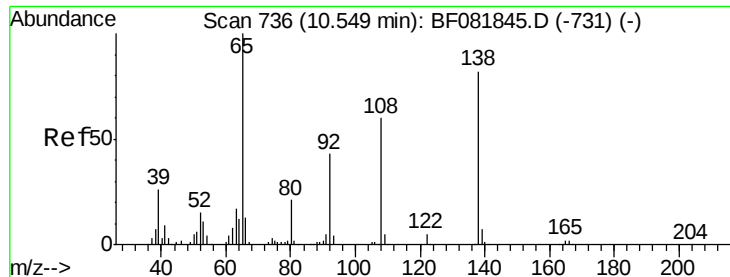
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 41.69 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	210714		
206	34.1	24.8	37.2	
141	53.4	42.2	63.4	





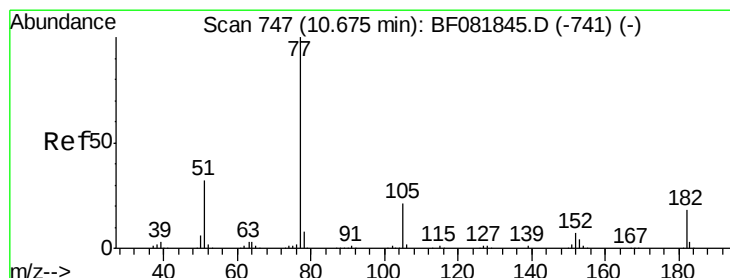
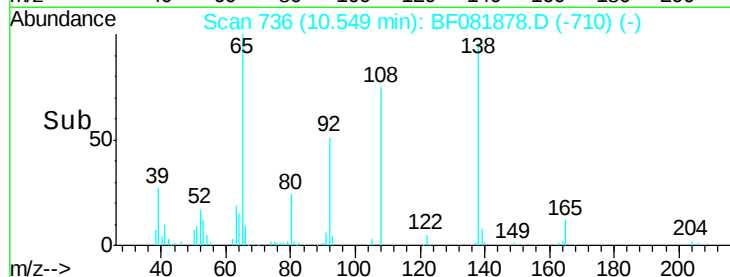
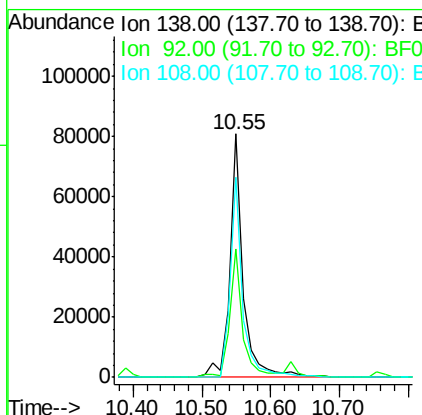
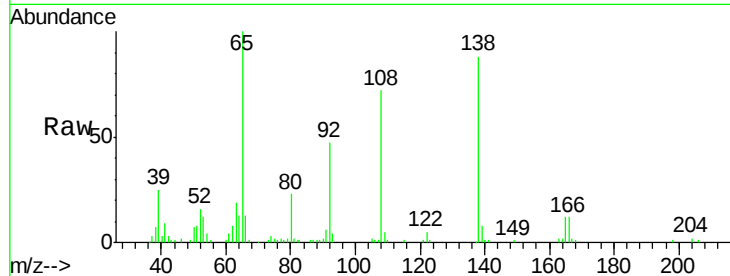
#61
4-Nitroaniline
Concen: 37.58 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	12.6	52.6#
108	82.0	12.4	52.4#

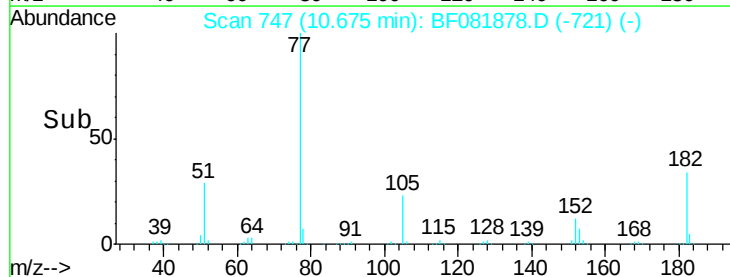
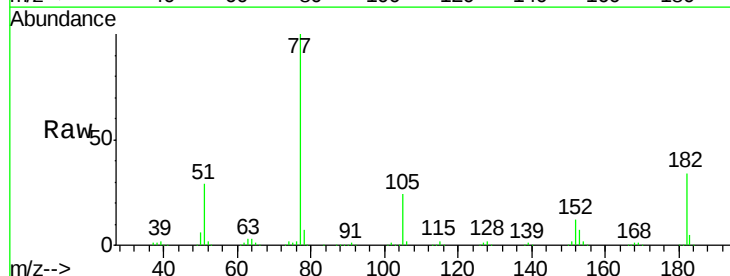
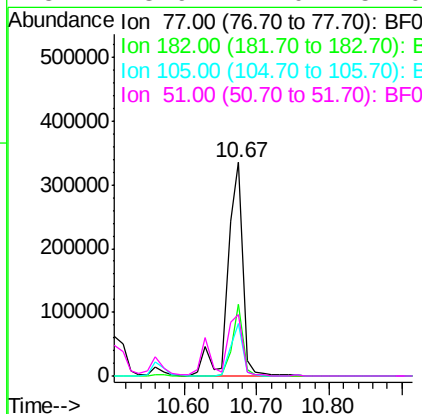
Manual Integrations
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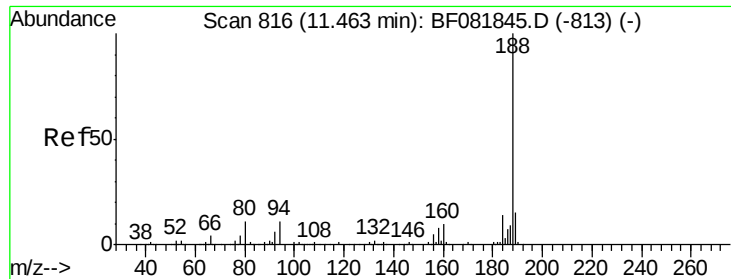
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#62
Azobenzene
Concen: 44.54 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.7	15.1	55.1
105	24.4	3.4	43.4
51	28.9	12.0	52.0





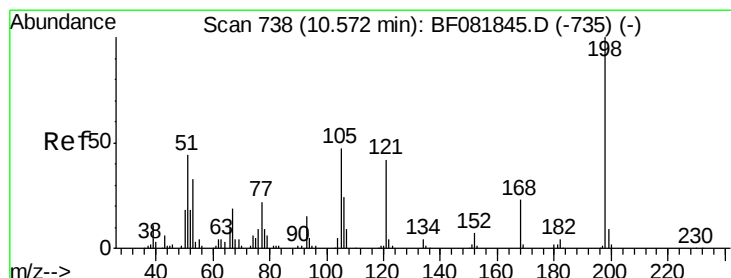
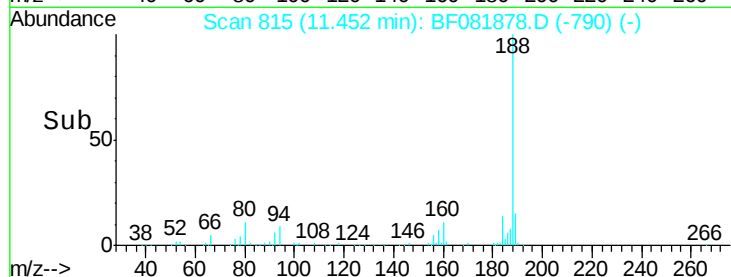
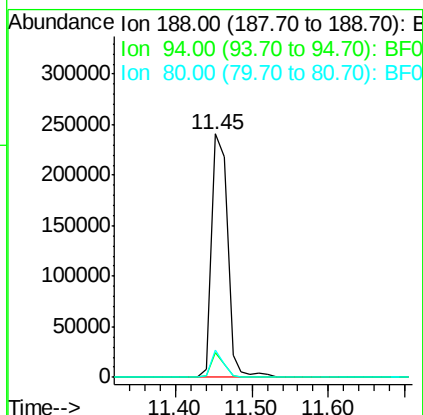
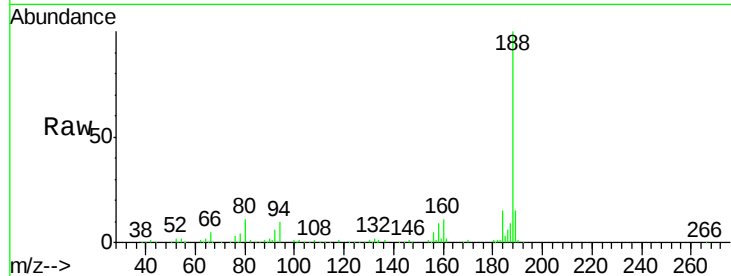
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	349066		
94	10.0		11.1	16.7#
80	11.3		11.0	16.4

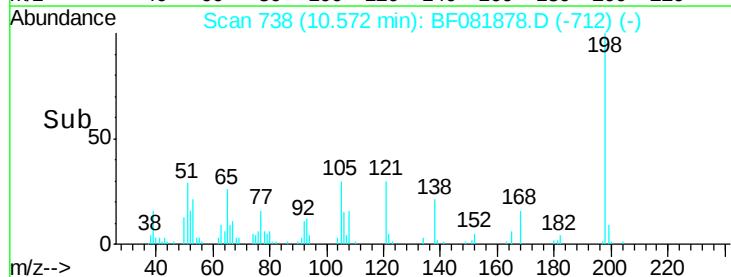
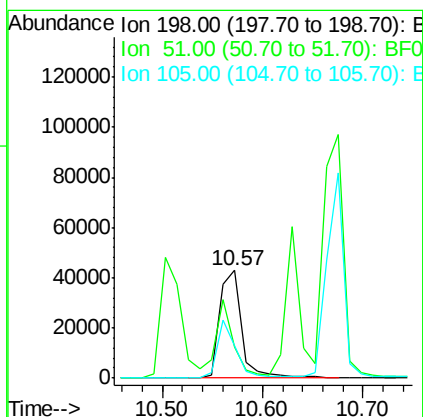
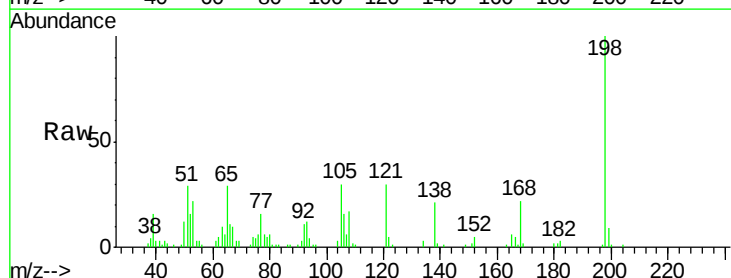
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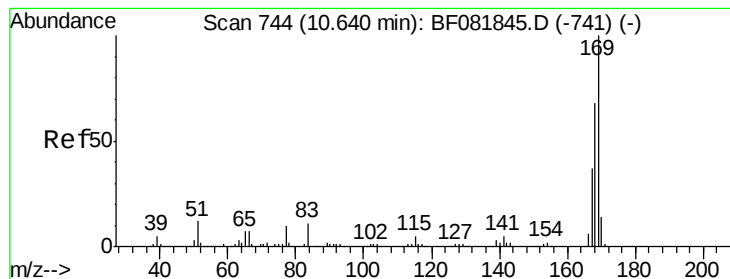
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.18 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	64872		
51	29.1		39.6	79.6#
105	30.0		28.5	68.5





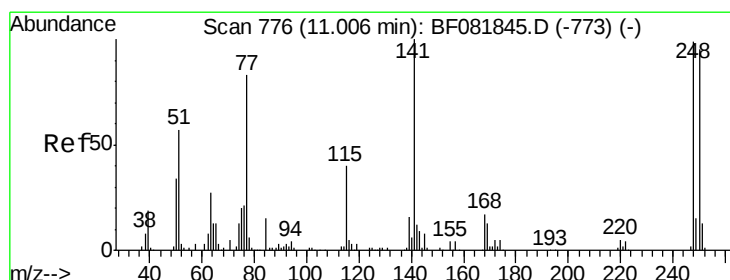
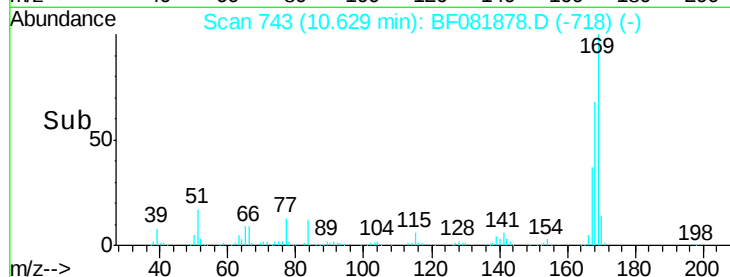
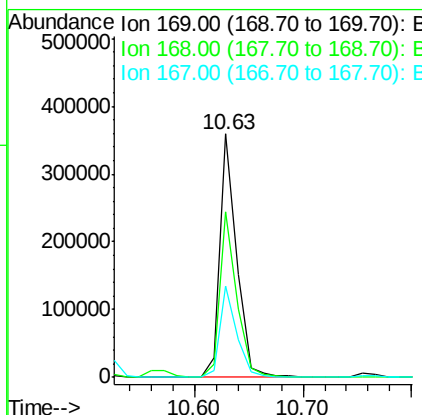
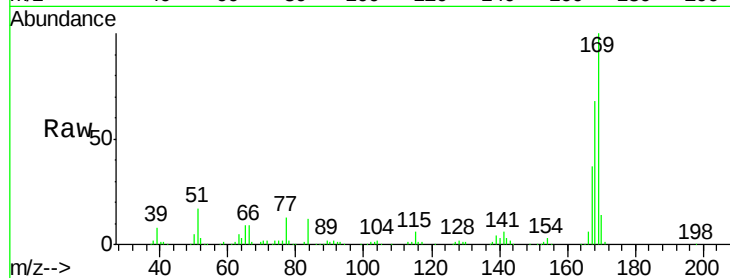
#65
 n-Nitrosodiphenylamine
 Concen: 36.93 ng
 RT: 10.63 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	390077		
168	67.9	48.9	73.3	
167	37.4	26.2	39.4	

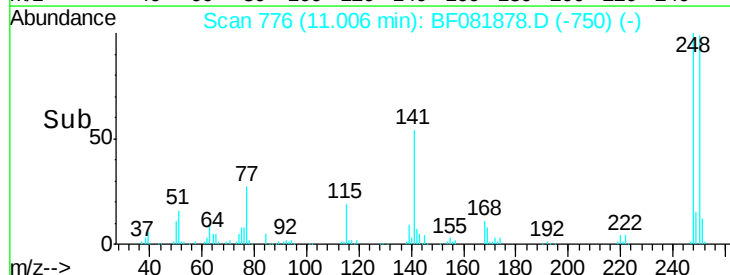
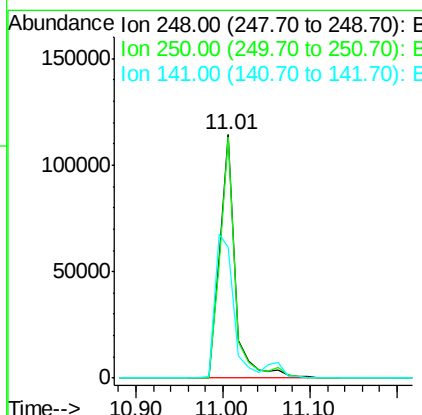
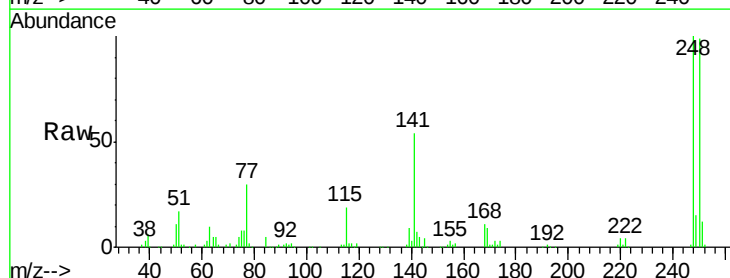
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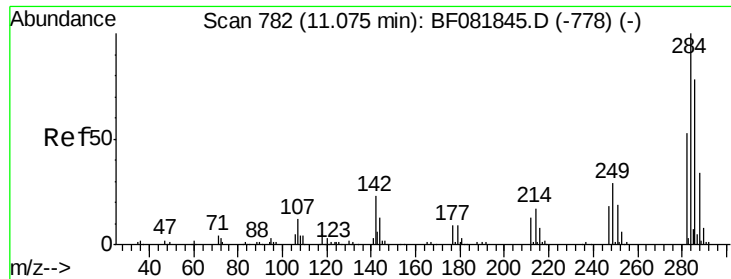
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#66
 4-Bromophenyl-phenylether
 Concen: 41.08 ng
 RT: 11.01 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	144594		
250	99.2	78.5	117.7	
141	53.8	59.0	88.6	





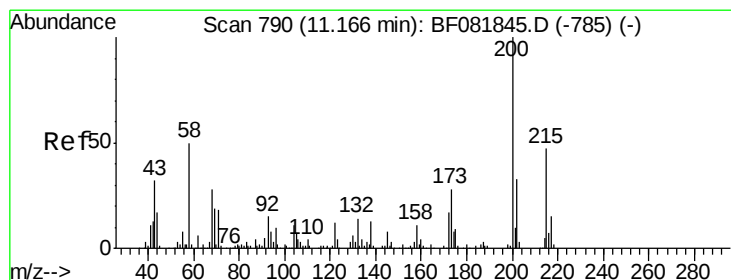
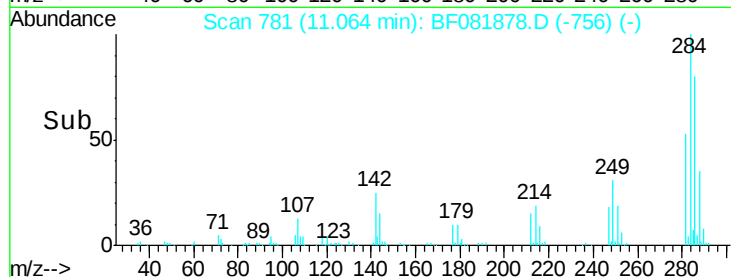
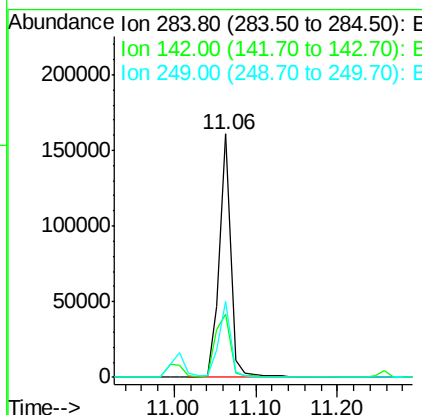
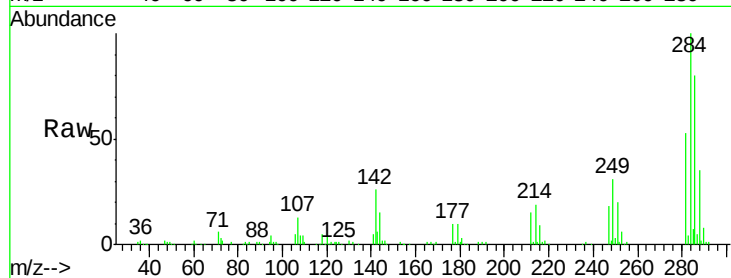
#67
Hexachlorobenzene
Concen: 39.59 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	157264		
142	25.8	29.5	44.3#	
249	31.2	19.5	29.3#	

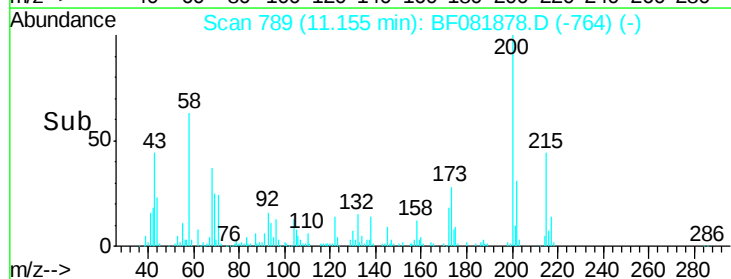
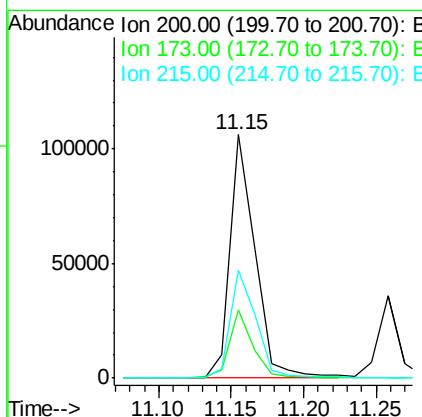
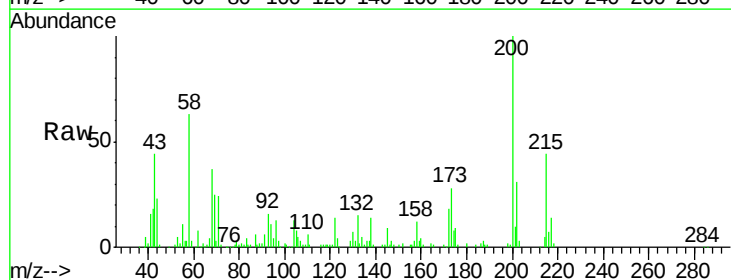
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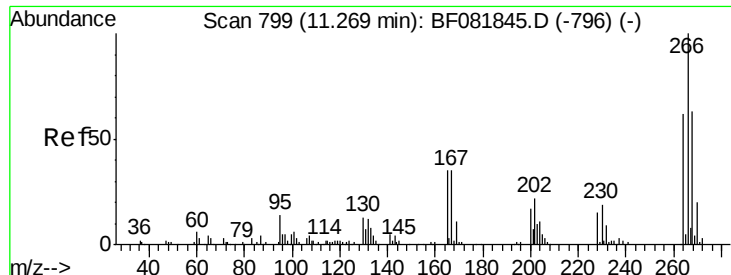
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#68
Atrazine
Concen: 39.17 ng
RT: 11.15 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	128367		
173	27.8	13.2	53.2	
215	44.4	41.8	81.8	





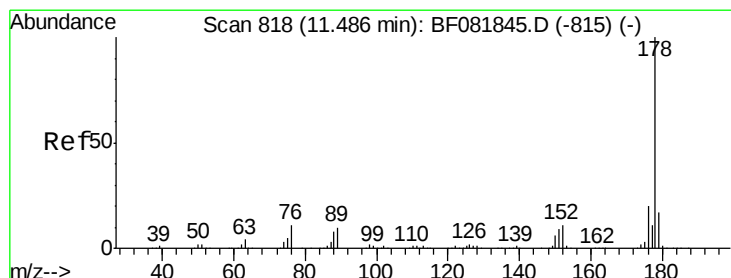
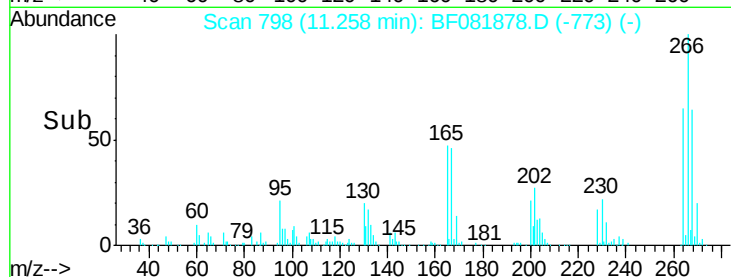
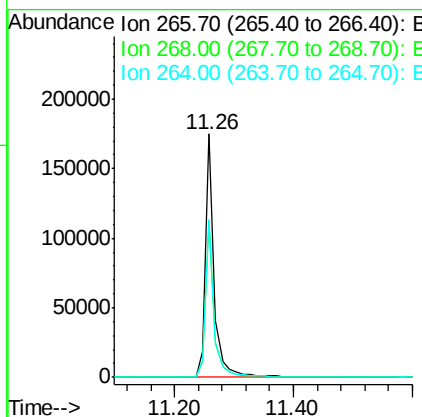
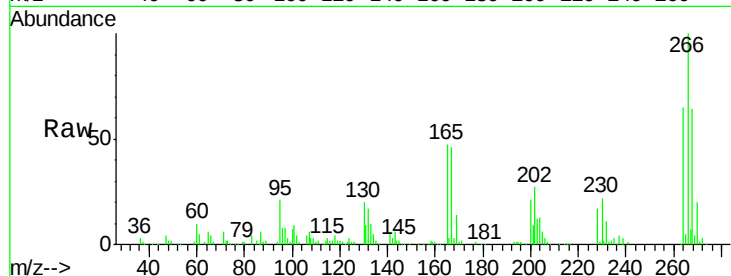
#69
 Pentachlorophenol
 Concen: 81.36 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	184129		
268	64.2	49.8	74.6	
264	64.9	50.2	75.2	

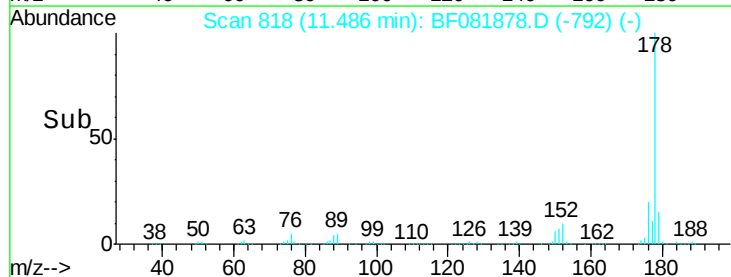
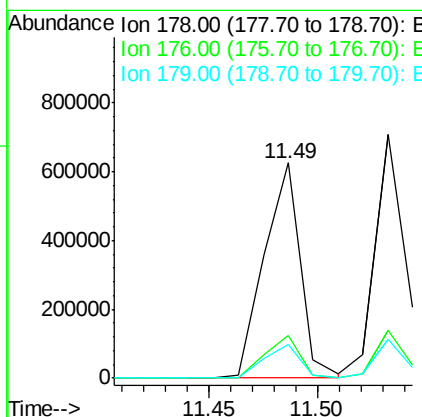
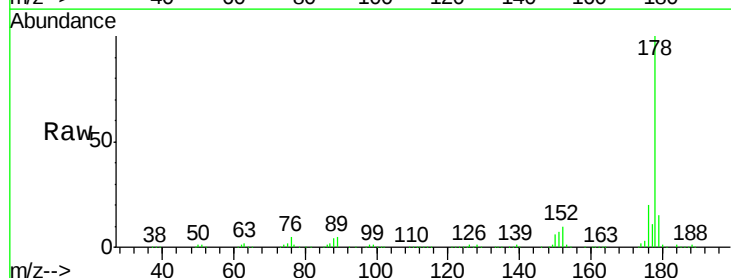
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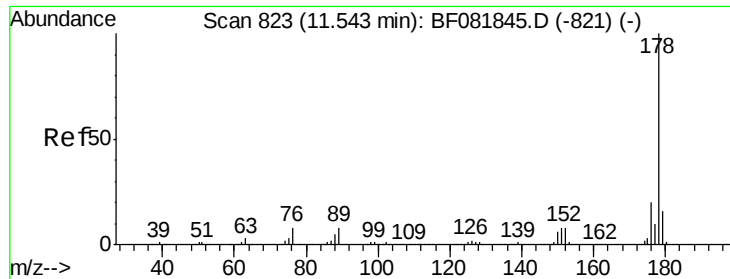
apatel
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#70
 Phenanthrene
 Concen: 43.08 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	724837		
176	19.6	13.8	20.8	
179	15.5	12.2	18.2	





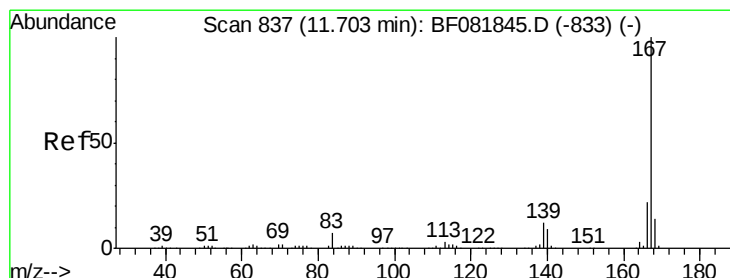
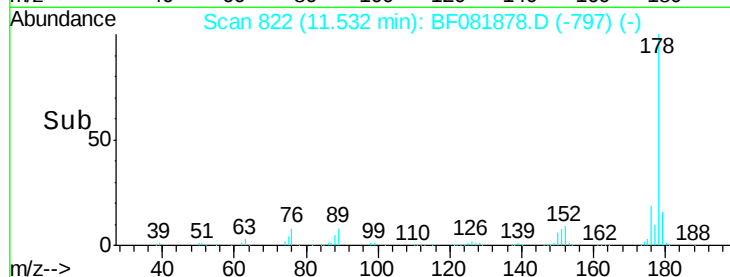
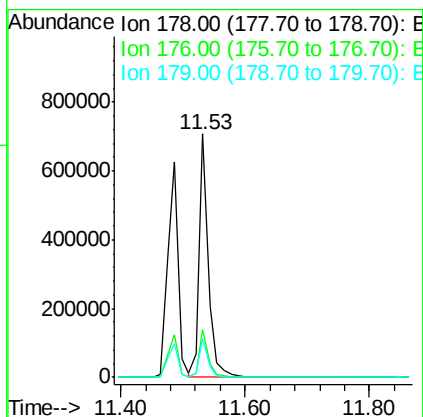
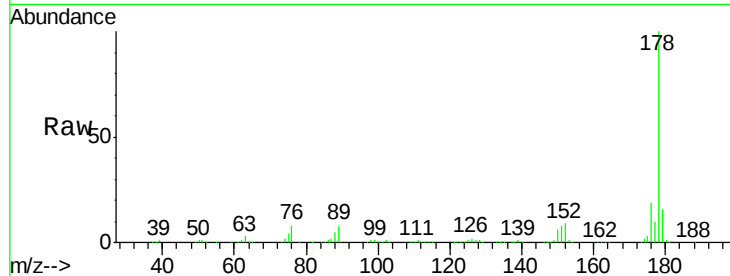
#71
 Anthracene
 Concen: 41.42 ng
 RT: 11.53 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.1	21.1
179	15.9	12.2	18.2

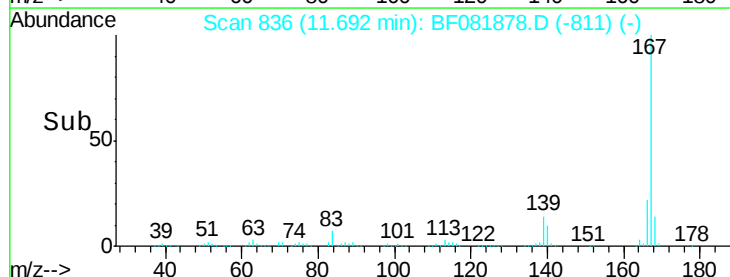
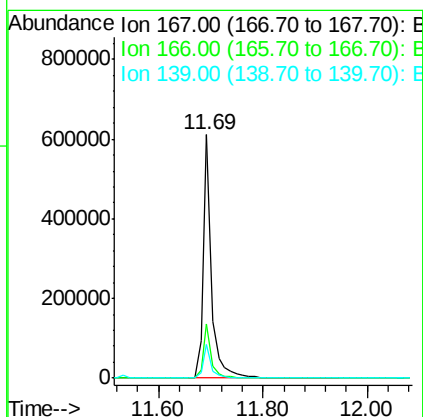
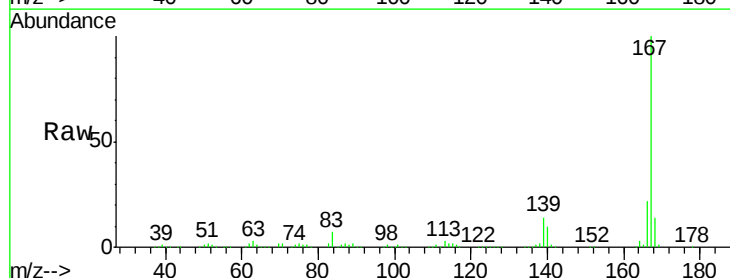
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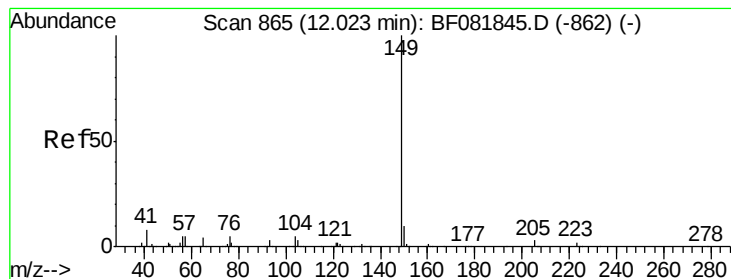
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#72
 Carbazole
 Concen: 41.84 ng
 RT: 11.69 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	15.7	23.5
139	13.6	9.5	14.3





#73

Di-n-butylphthalate

Concen: 47.02 ng

RT: 12.01 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

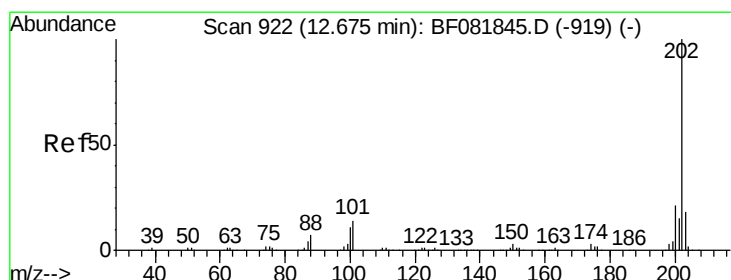
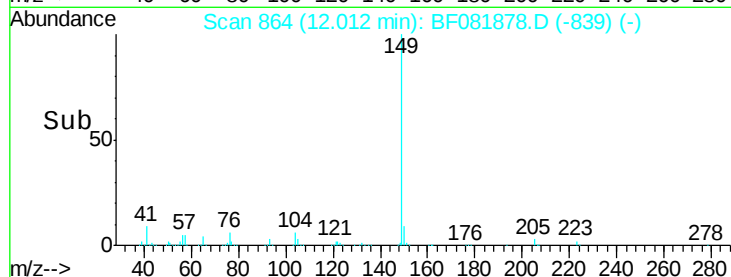
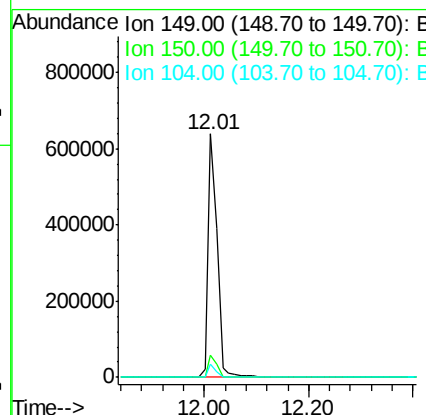
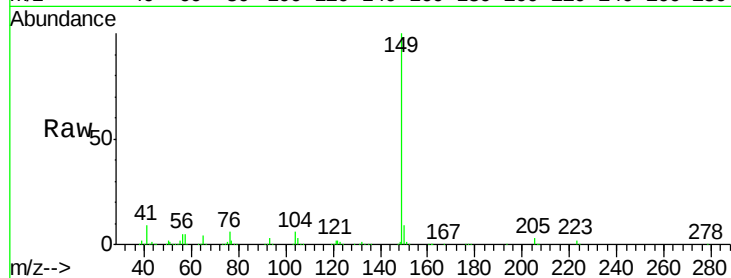
ClientSampleId :

PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	768031		
150	9.3	7.4	11.2	
104	5.5	2.4	3.6#	

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#74

Fluoranthene

Concen: 42.47 ng

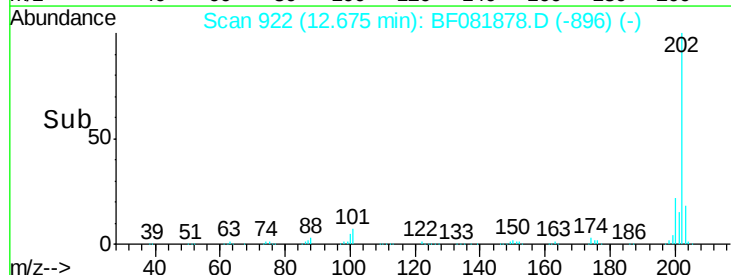
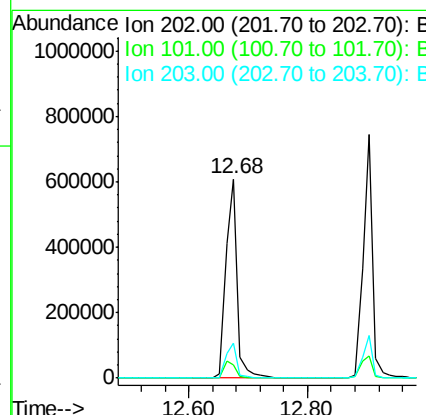
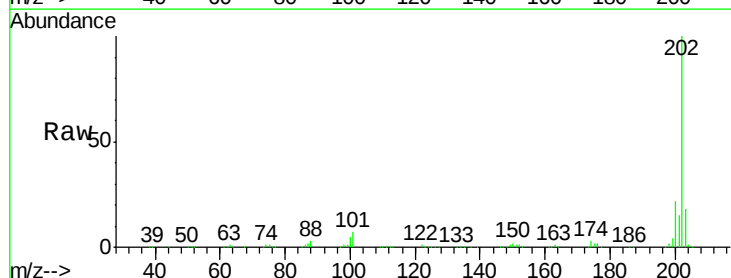
RT: 12.68 min Scan# 922

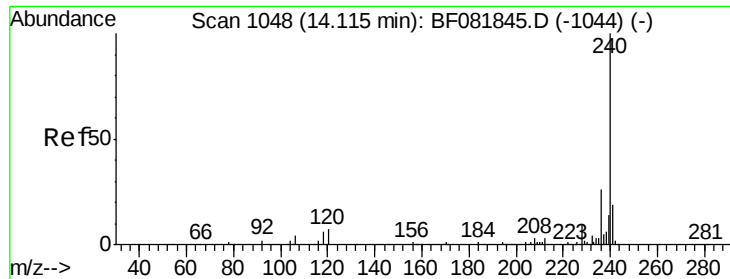
Delta R.T. 0.00 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	794119		
101	6.6	0.0	38.3	
203	17.7	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

ClientSampleId :

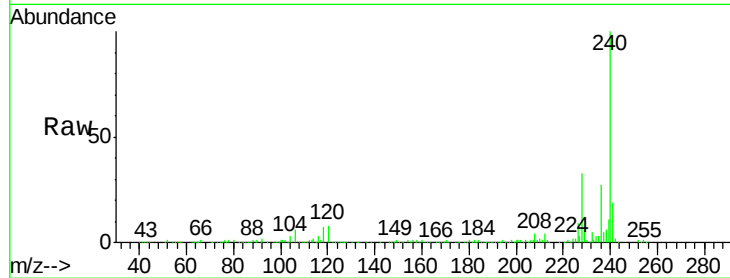
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	348854		
120	8.3	16.2	24.2#	
236	26.5	18.4	27.6	

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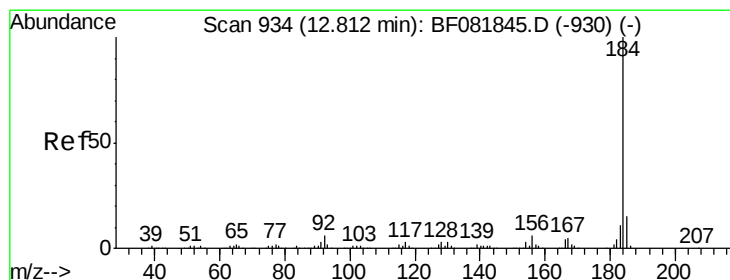
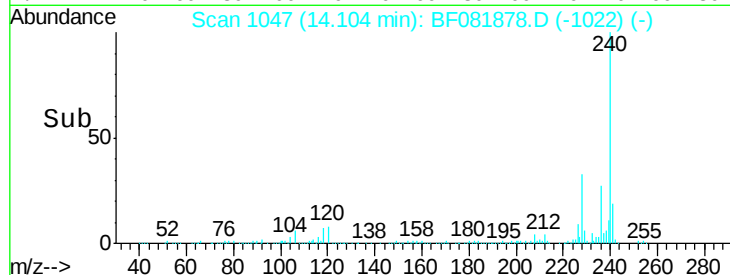
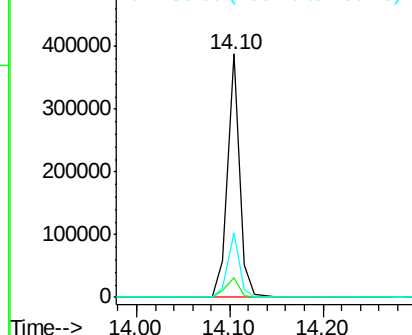
9/30/2015 9:09:07 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.39 ng

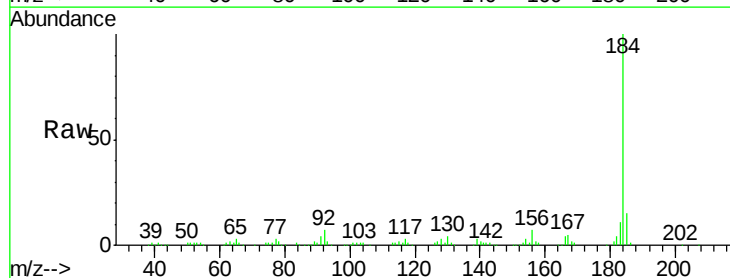
RT: 12.80 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

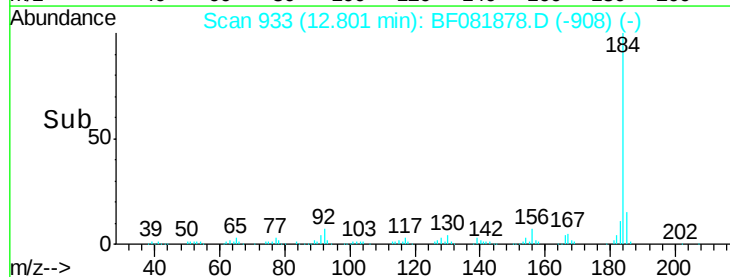
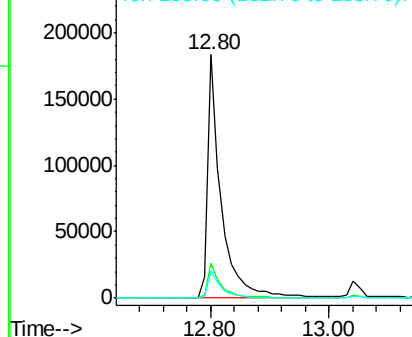
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	298437		
185	14.6	11.8	17.6	
183	11.4	7.6	11.4	

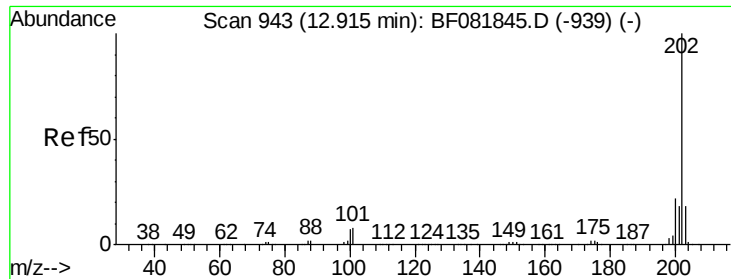


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





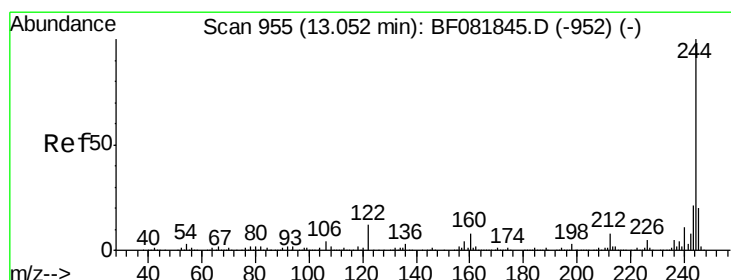
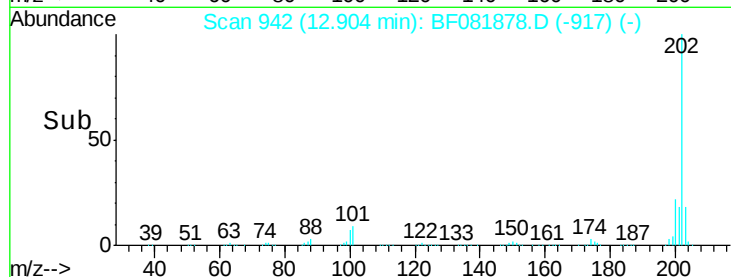
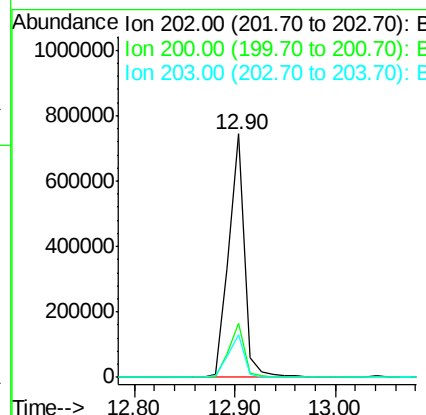
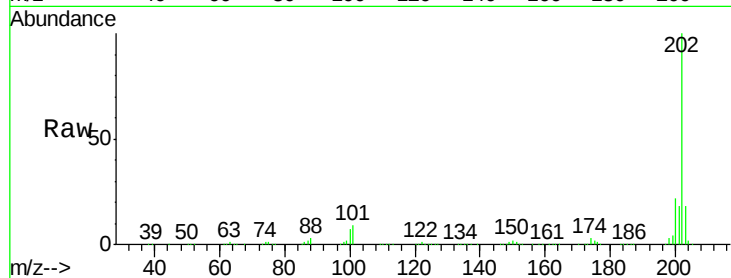
#77
Pyrene
 Concen: 39.07 ng
 RT: 12.90 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	15.0	22.4
203	17.6	14.1	21.1

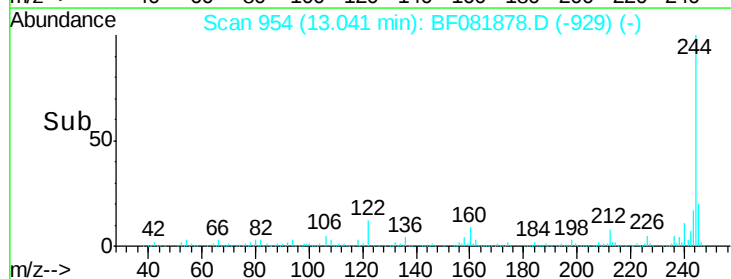
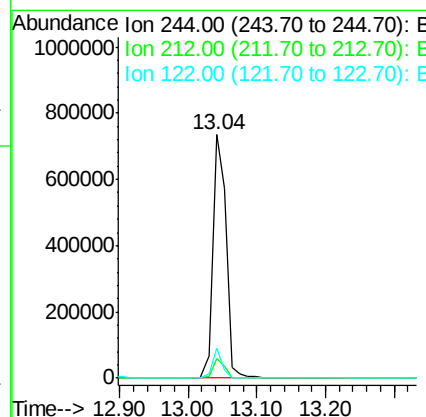
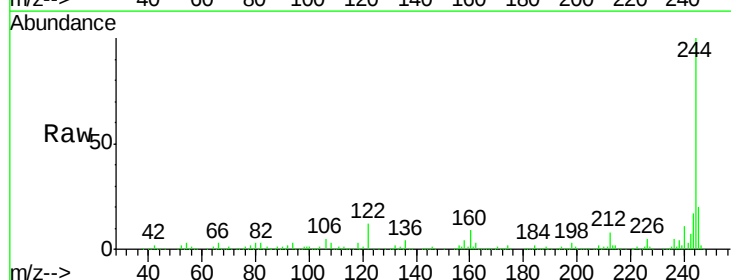
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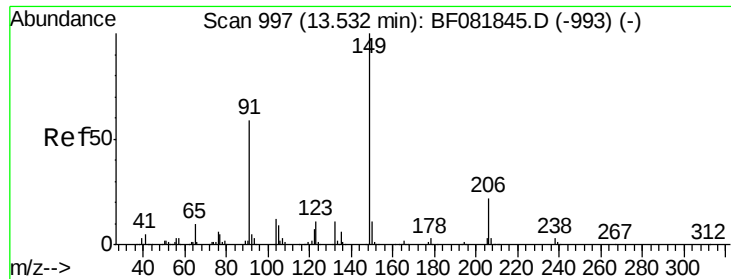
apatel
 9/30/2015 9:09:07 AM



#78
Terphenyl-d14
 Concen: 94.38 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	12.4	17.4	26.2#





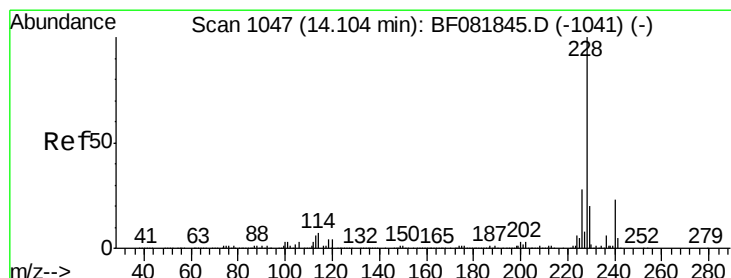
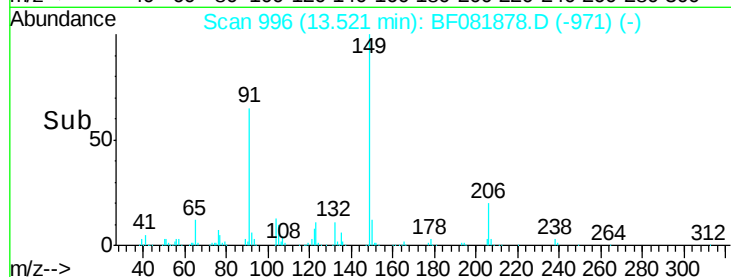
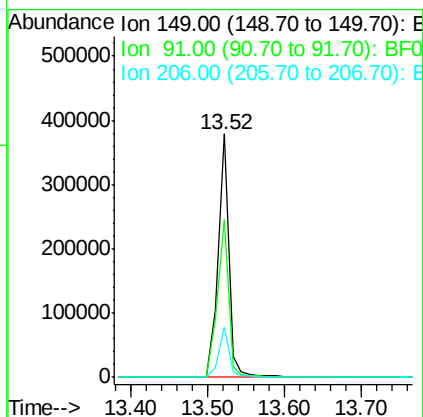
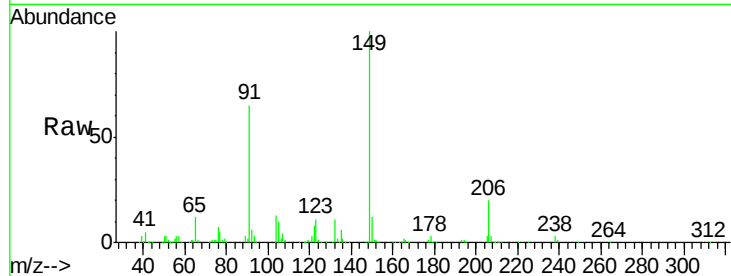
#79
Butylbenzylphthalate
Concen: 47.13 ng
RT: 13.52 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	369581		
91	65.0	48.6	72.8	
206	20.4	14.9	22.3	

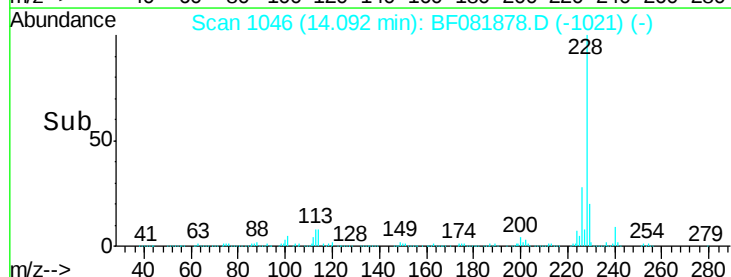
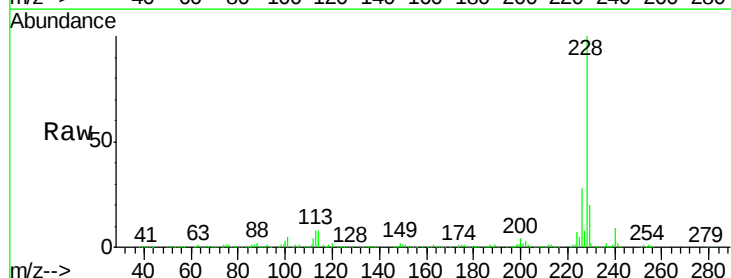
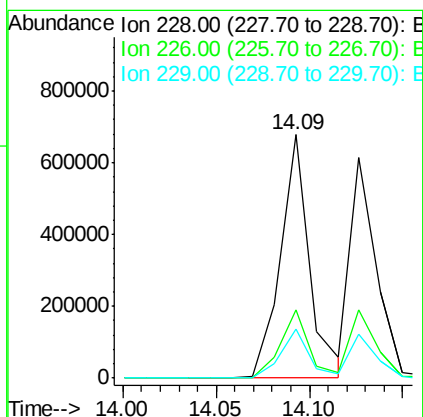
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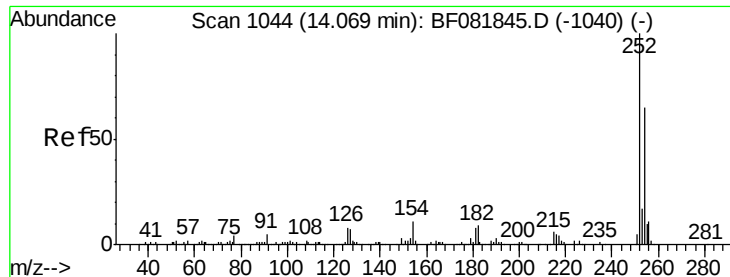
apatel
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#80
Benzo(a)anthracene
Concen: 39.15 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	735514		
226	28.2	20.0	30.0	
229	20.2	15.4	23.2	





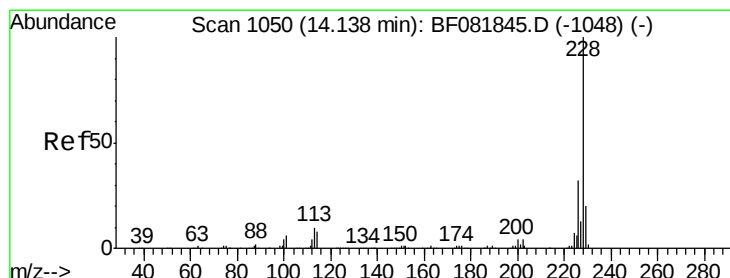
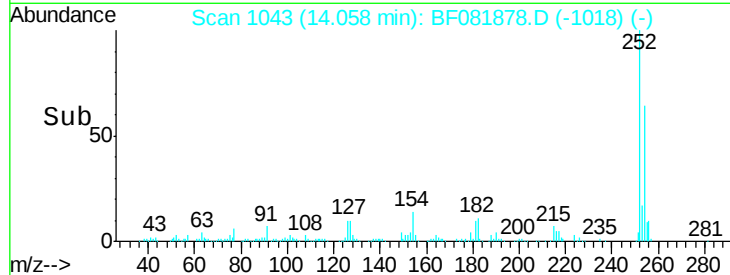
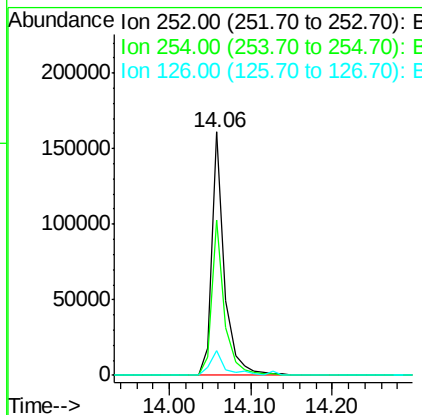
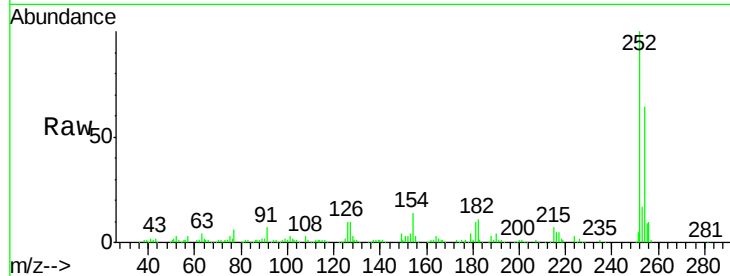
#81
 3,3'-Dichlorobenzidine
 Concen: 27.73 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	175923		
254	64.0	51.4	77.2	
126	10.1	16.4	24.6	

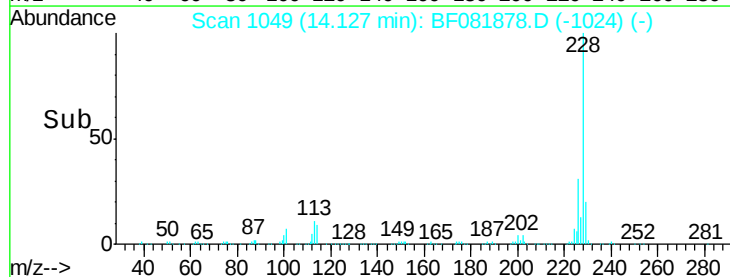
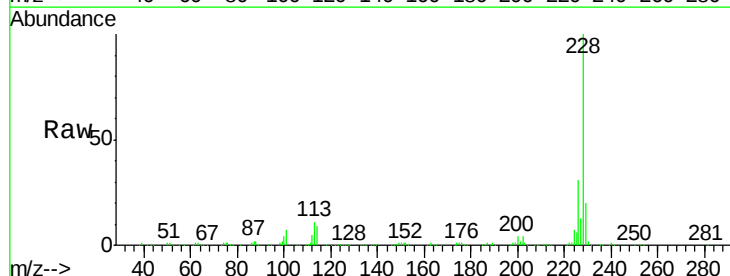
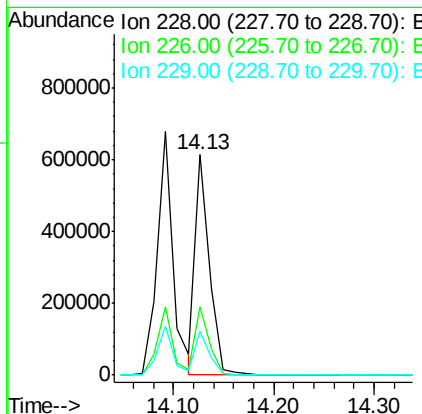
Manual Integrations
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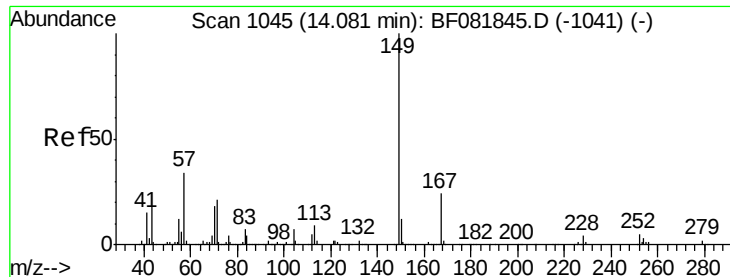
apatel
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#82
 Chrysene
 Concen: 32.69 ng
 RT: 14.13 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	609224		
226	30.9	21.0	31.4	
229	20.1	15.6	23.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.11 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Instrument :

BNA_F

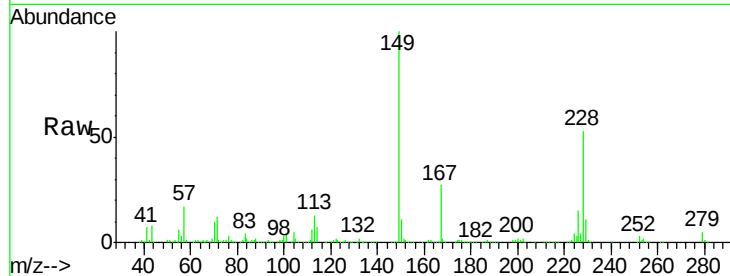
ClientSampleId :

PB85717BSD

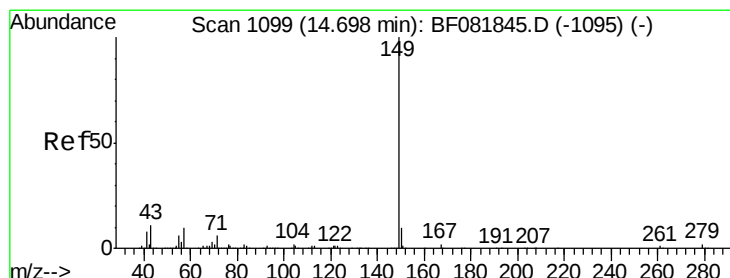
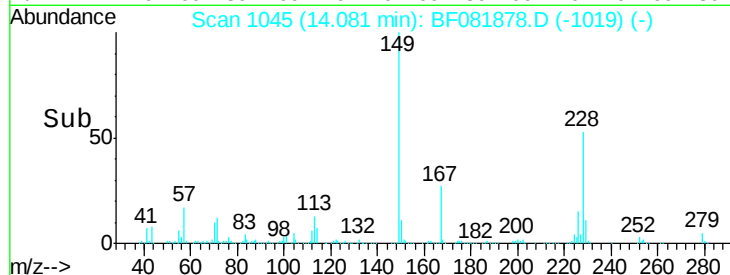
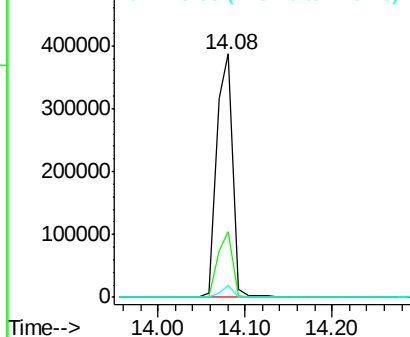
Tgt Ion:	149	Resp:	502822
Ion Ratio		Lower	Upper
149	100		
167	27.1	24.2	36.2
279	5.0	3.8	5.6

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.87 ng

RT: 14.69 min Scan# 1098

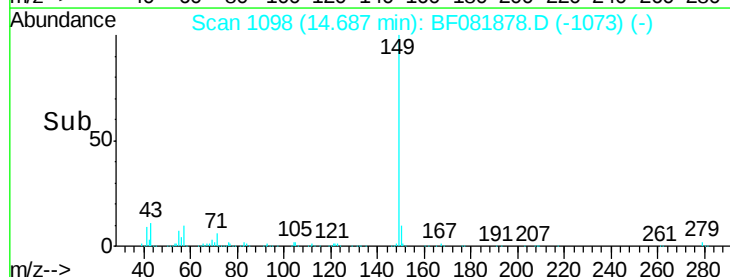
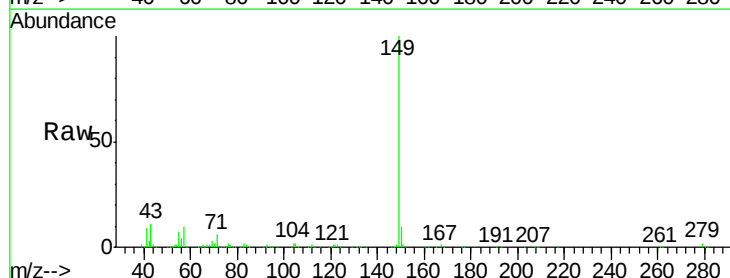
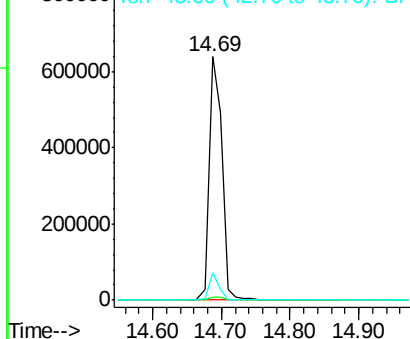
Delta R.T. -0.01 min

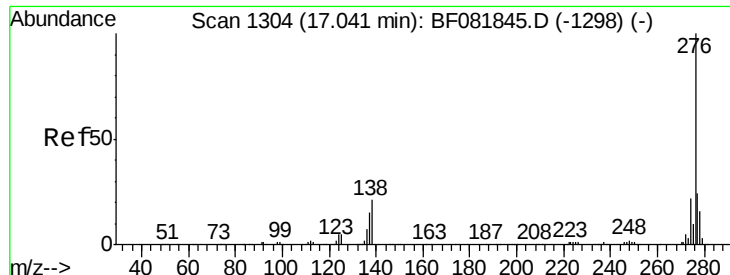
Lab File: BF081878.D

Acq: 29 Sep 2015 14:22

Tgt Ion:	149	Resp:	830383
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.0	1.6
43	9.2	10.2	15.2#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





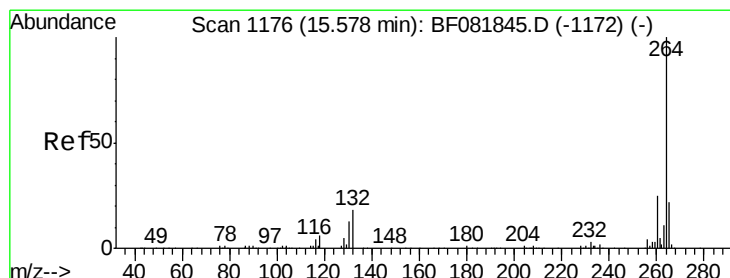
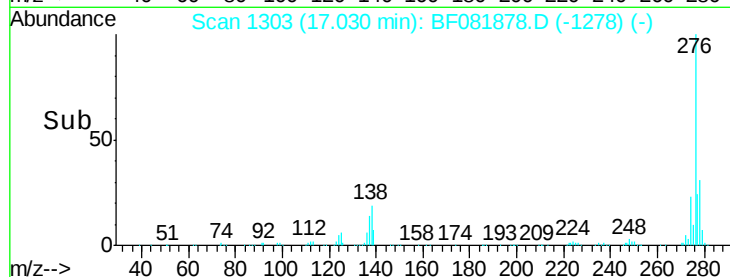
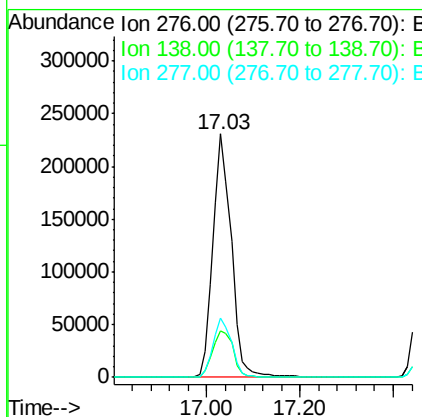
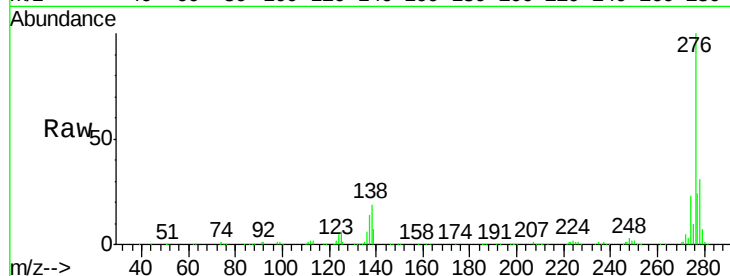
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.34 ng
 RT: 17.03 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.7	38.5#
277	24.7	15.6	23.4#

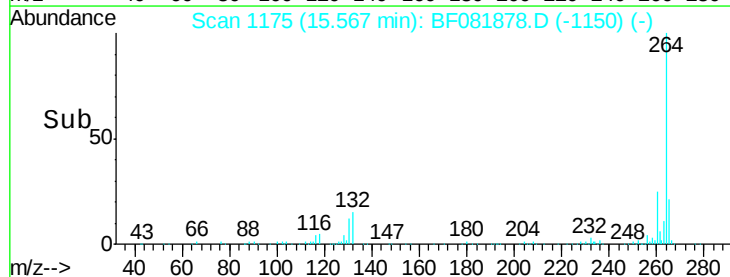
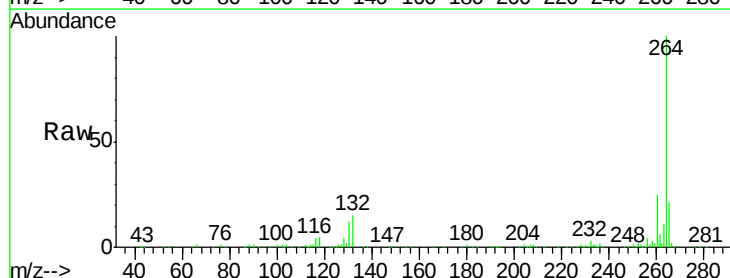
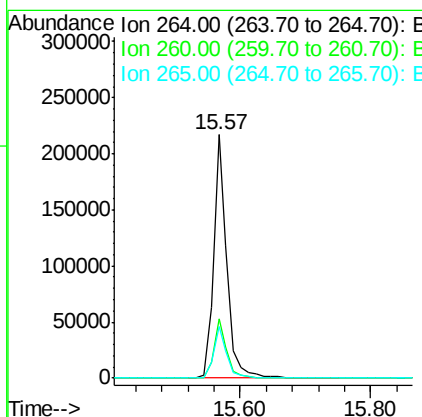
Manual Integrations
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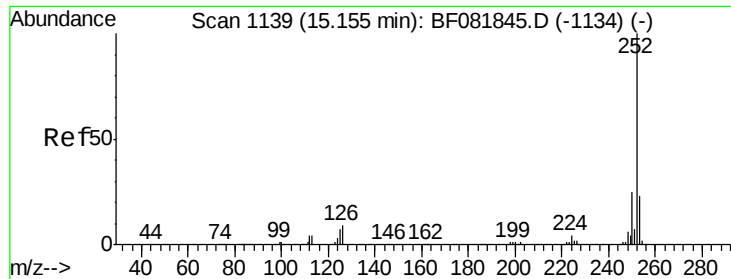
apatel
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.1	17.2	25.8





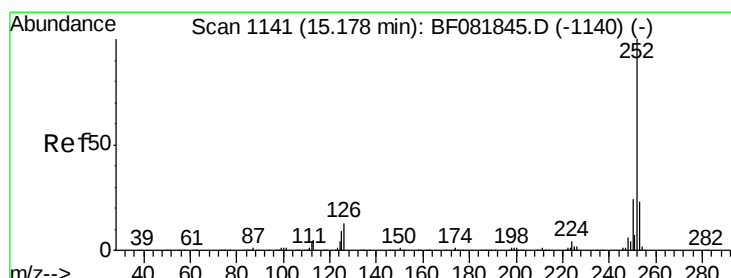
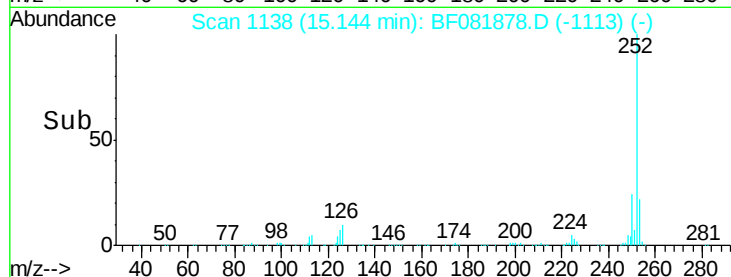
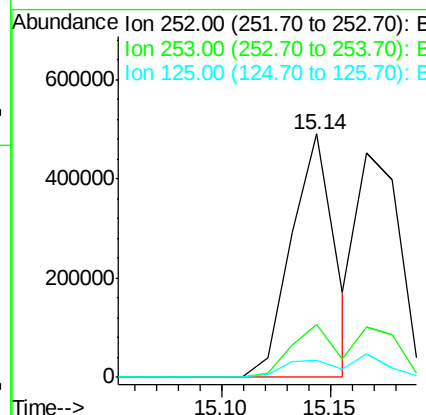
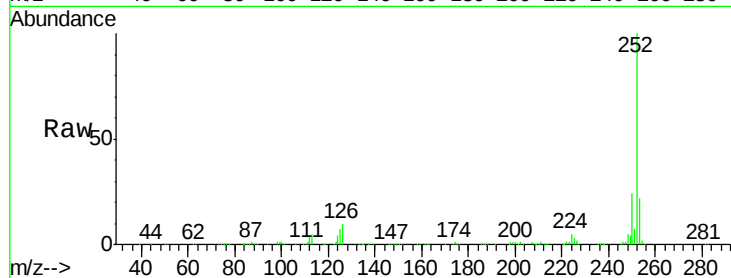
#87
Benzo(b)fluoranthene
Concen: 38.54 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	7.1	17.1	25.7

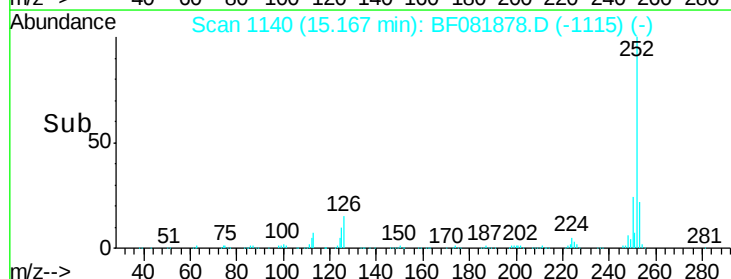
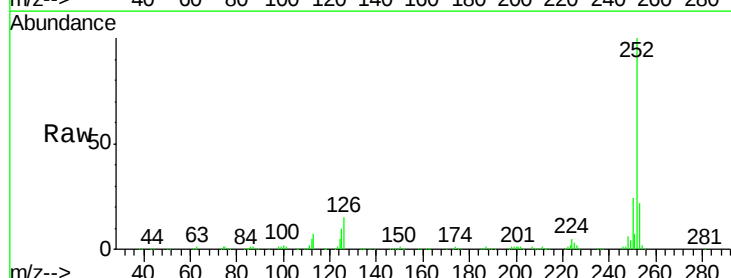
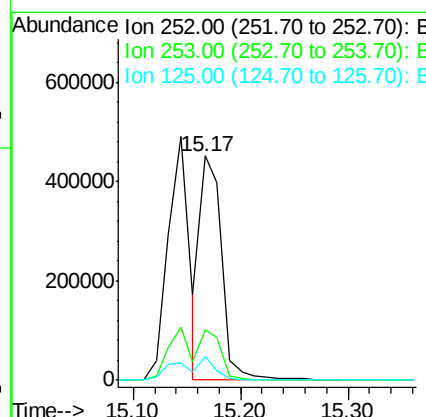
Manual Integrations
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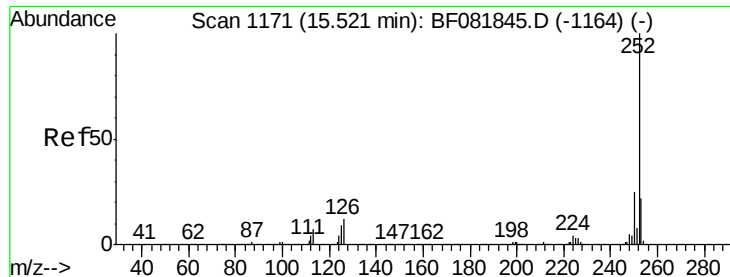
apatel
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#88
Benzo(k)fluoranthene
Concen: 39.36 ng m
RT: 15.17 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	10.4	16.0	24.0





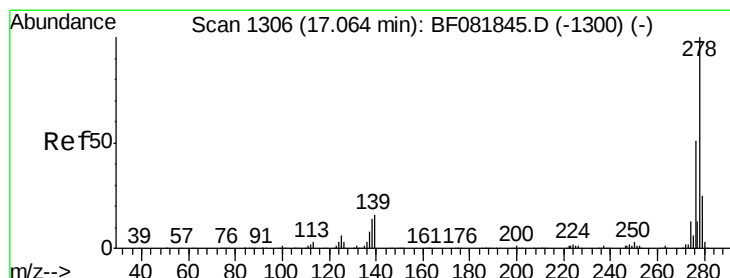
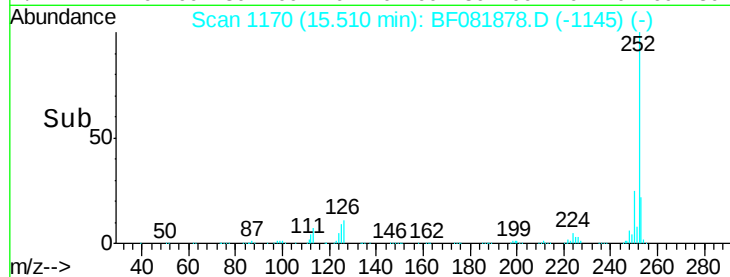
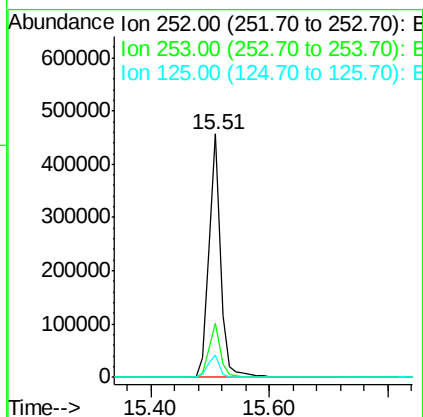
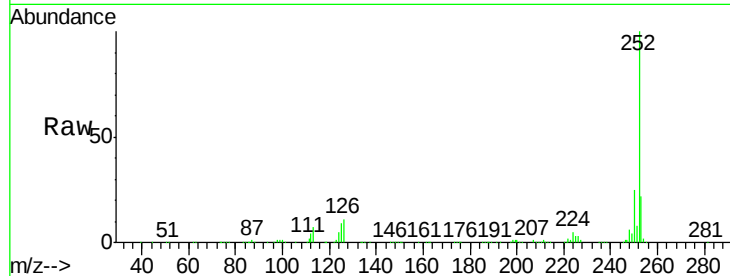
#89
Benzo(a)pyrene
Concen: 40.39 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Instrument :
BNA_F
ClientSampleId :
PB85717BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	619401		
253	22.0	17.2	25.8	
125	9.3	18.0	27.0	

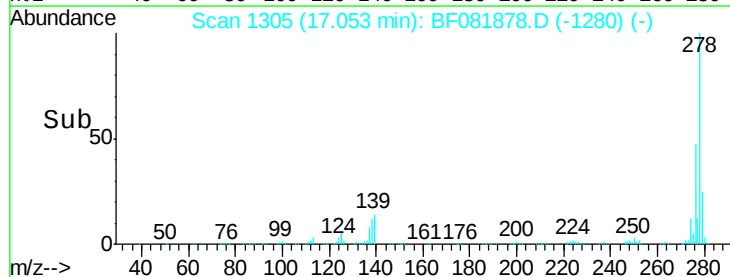
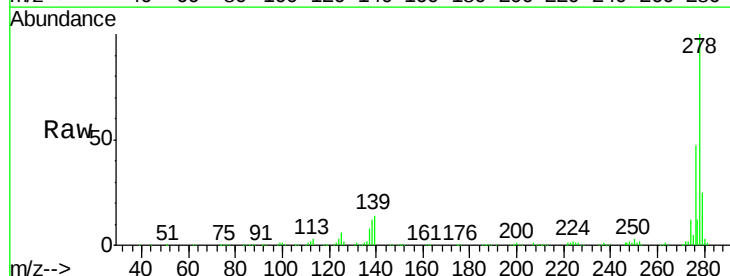
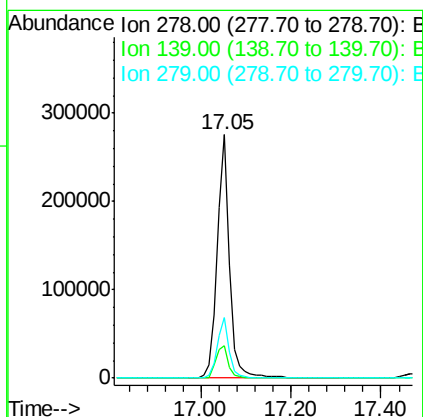
Manual Integrations
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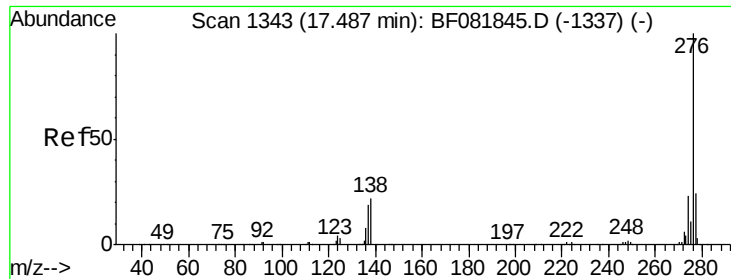
apatel
9/30/2015 9:09:07 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.76 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF081878.D
Acq: 29 Sep 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	524468		
139	13.5	26.3	39.5	
279	24.6	18.2	27.4	





#91
 Benzo(g,h,i)perylene
 Concen: 39.27 ng
 RT: 17.48 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF081878.D
 Acq: 29 Sep 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	17.8	26.6
138	18.4	34.6	51.8#

Manual Integrations
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