

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086250.D
 Acq On : 16 Apr 2016 7:56
 Operator : UM/SJ
 Sample : PB89850BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:31:45 PM

Quant Time: Apr 18 04:44:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	279147	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1146252	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	523080	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	912361	20.00	ng	0.00
75) Chrysene-d12	14.05	240	514100	20.00	ng	0.00
86) Perylene-d12	15.48	264	465348	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	933661	54.80	ng	0.01
7) Phenol-d6	6.51	99	1227046	57.58	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1163654	58.55	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	237754	56.60	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1686755	59.50	ng	-0.01
78) Terphenyl-d14	13.00	244	1350283	66.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	220544	23.47	ng	97
3) Pyridine	3.32	79	680464	27.77	ng	98
4) n-Nitrosodimethylamine	3.26	42	250513	28.30	ng	# 65
6) Aniline	6.56	93	389229	12.67	ng	93
8) 2-Chlorophenol	6.67	128	545982	28.33	ng	97
9) Benzaldehyde	6.43	77	148862	9.85	ng	83
10) Phenol	6.53	94	743759	29.31	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	521017	27.29	ng	86
12) 1,3-Dichlorobenzene	6.83	146	559016	27.33	ng	99
13) 1,4-Dichlorobenzene	6.91	146	562149	28.85	ng	99
14) 1,2-Dichlorobenzene	7.07	146	529781	30.64	ng	99
15) Benzyl Alcohol	7.04	79	496626	32.85	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	784035	26.36	ng	99
17) 2-Methylphenol	7.15	107	488809	30.44	ng	# 92
18) Hexachloroethane	7.41	117	213896	29.11	ng	100
19) n-Nitroso-di-n-propylamine	7.31	70	396941	29.11	ng	95
20) 3+4-Methylphenols	7.30	107	521659	29.00	ng	# 84
22) Acetophenone	7.30	105	665443	28.47	ng	# 85
24) Nitrobenzene	7.47	77	563898	25.95	ng	92
25) Isophorone	7.72	82	1124519	28.52	ng	95
26) 2-Nitrophenol	7.79	139	266131	28.09	ng	93
27) 2,4-Dimethylphenol	7.84	122	563457	29.45	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	637518	27.50	ng	99
29) 2,4-Dichlorophenol	8.03	162	425339	29.24	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	453420	29.79	ng	99
31) Naphthalene	8.20	128	1572948	30.73	ng	99
32) Benzoic acid	7.93	122	316445	25.87	ng	97
33) 4-Chloroaniline	8.25	127	186420	8.15	ng	# 93
34) Hexachlorobutadiene	8.33	225	227176	29.79	ng	99
35) Caprolactam	8.61	113	162902	30.93	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	495161	29.38	ng	95
37) 2-Methylnaphthalene	8.89	142	1012247	30.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	347176	28.42	ng	98
40) Hexachlorocyclopentadiene	9.05	237	372771	60.46	ng	99

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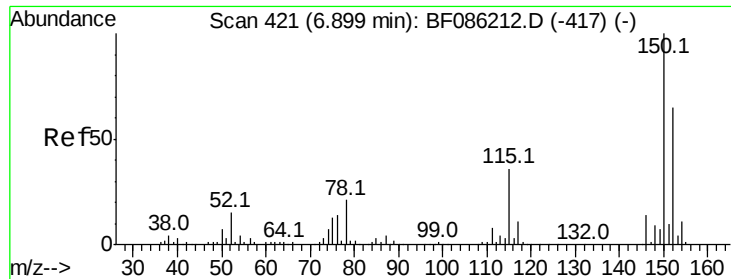
Manual Integrations
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Quant Time: Apr 18 04:44:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	298280	28.95	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	302136	30.35	nq	# 92
45) 1,1'-Biphenyl	9.36	154	1120109	29.75	nq	99
46) 2-Chloronaphthalene	9.38	162	875095	28.46	nq	99
47) 2-Nitroaniline	9.47	65	287326	28.85	nq	97
48) Acenaphthylene	9.79	152	1512906	30.93	nq	98
49) Dimethylphthalate	9.65	163	1048783	27.57	nq	99
50) 2,6-Dinitrotoluene	9.72	165	245896	29.22	nq	# 78
51) Acenaphthene	9.97	154	971136	33.23	nq	99
52) 3-Nitroaniline	9.88	138	155419	15.20	nq	81
53) 2,4-Dinitrophenol	9.98	184	176896	58.03	nq	95
54) Dibenzofuran	10.14	168	1320414	34.21	nq	99
55) 4-Nitrophenol	10.04	139	461071	57.63	nq	# 65
56) 2,4-Dinitrotoluene	10.12	165	337410	31.32	nq	# 81
57) Fluorene	10.48	166	822170	29.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	230205	31.84	nq	100
59) Diethylphthalate	10.36	149	1149025	29.27	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	386602	32.85	nq	98
61) 4-Nitroaniline	10.49	138	233338	26.40	nq	92
62) Azobenzene	10.64	77	1286023	33.48	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	151693	34.94	nq	# 60
65) n-Nitrosodiphenylamine	10.59	169	813978	29.13	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	260467	30.63	nq	97
67) Hexachlorobenzene	11.02	284	263251	29.54	nq	98
68) Atrazine	11.12	200	234166	27.35	nq	99
69) Pentachlorophenol	11.22	266	280309	51.88	nq	98
70) Phenanthrene	11.44	178	1329397	30.51	nq	100
71) Anthracene	11.49	178	1385586	29.43	nq	98
72) Carbazole	11.64	167	1213188	29.27	nq	99
73) Di-n-butylphthalate	11.98	149	1681120	30.00	nq	99
74) Fluoranthene	12.62	202	1271175	32.30	nq	99
76) Benzidine	12.75	184	346016	17.35	nq	96
77) Pyrene	12.85	202	1307978	33.16	nq	99
79) Butylbenzylphthalate	13.48	149	665717	36.54	nq	100
80) Benzo(a)anthracene	14.04	228	854646	30.28	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	162927	9.96	nq	# 93
82) Chrysene	14.08	228	924113	30.71	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	686589	34.90	nq	100
84) Di-n-octyl phthalate	14.65	149	1167429	30.79	nq	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	887697	35.89	nq	97
87) Benzo(h)fluoranthene	15.07	252	787846	27.44	nq	98
88) Benzo(k)fluoranthene	15.09	252	724216m	27.67	nq	
89) Benzo(a)pyrene	15.43	252	742556	29.86	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	740581	33.70	nq	99
91) Benzo(g,h,i)perylene	17.32	276	776314	33.22	nq	98

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



#1

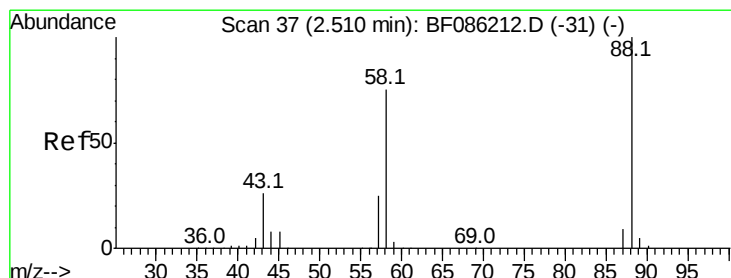
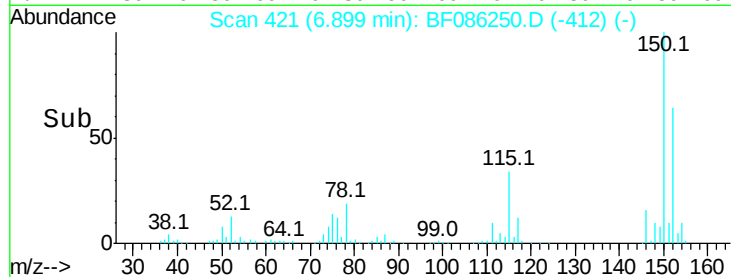
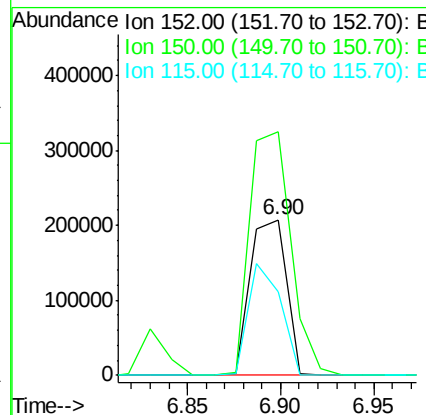
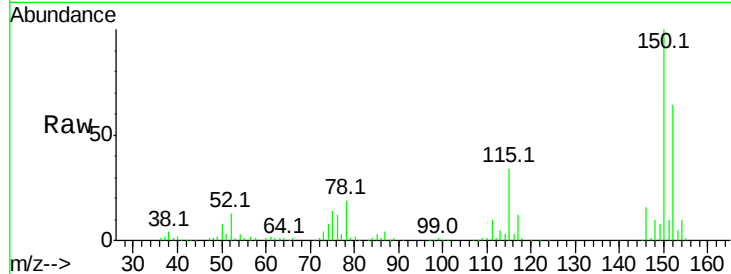
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	53.7	43.9	65.9

Manual Integrations
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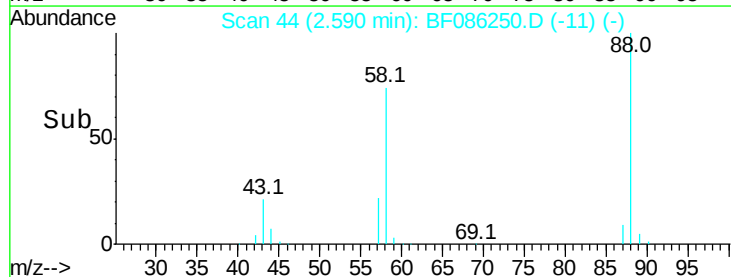
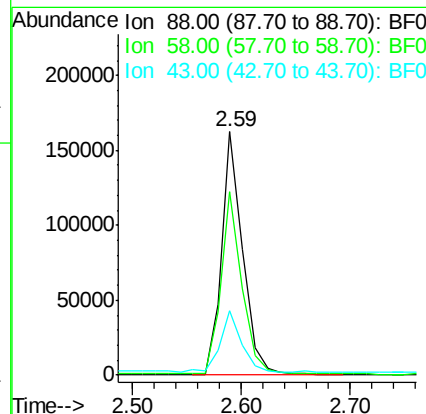
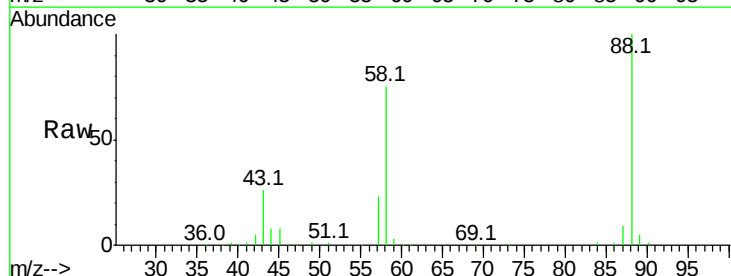
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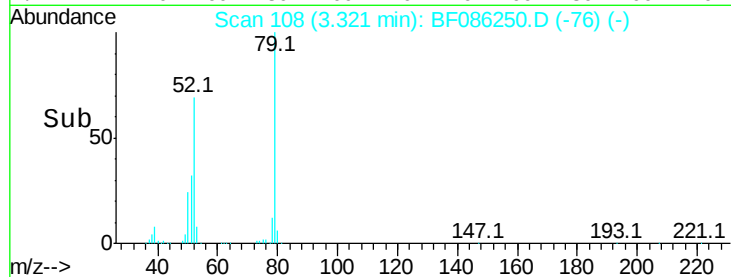
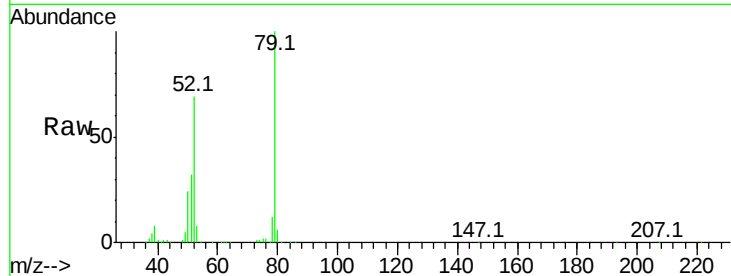
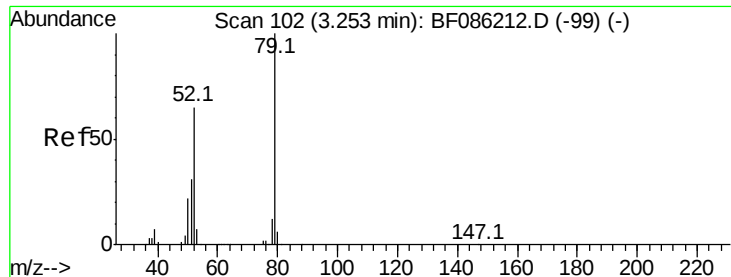


#2

1,4-Dioxane
Concen: 23.47 ng
RT: 2.59 min Scan# 44
Delta R.T. 0.08 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	58.4	87.6
43	25.2	23.3	34.9





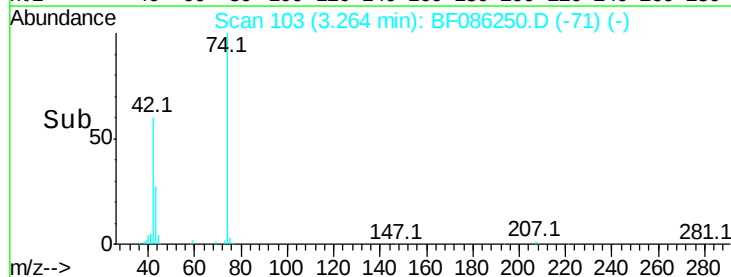
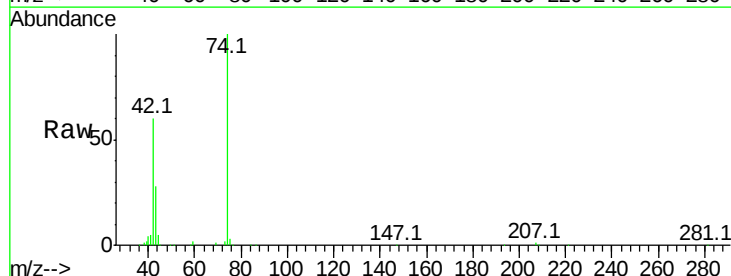
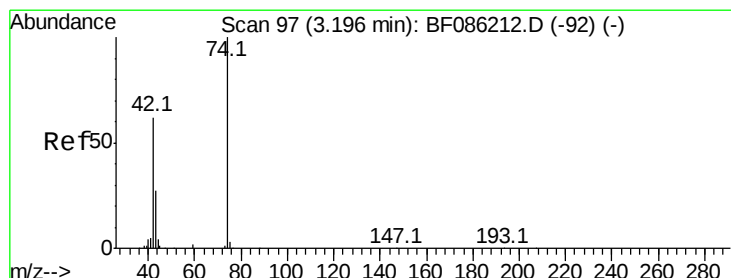
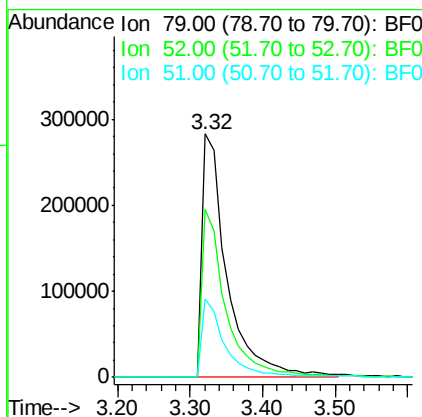
#3
 Pvridine
 Concen: 27.77 ng
 RT: 3.32 min Scan# 108
 Delta R.T. 0.07 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100	680464		
52	68.9		55.4	83.2
51	32.0		28.1	42.1

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

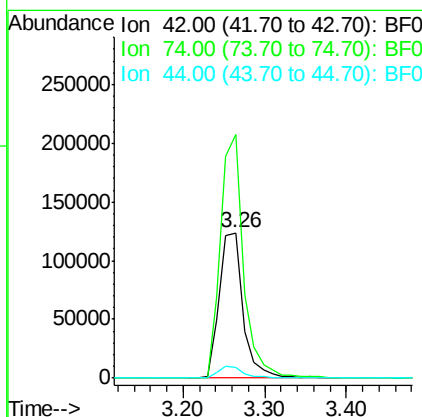
Manual Integrations
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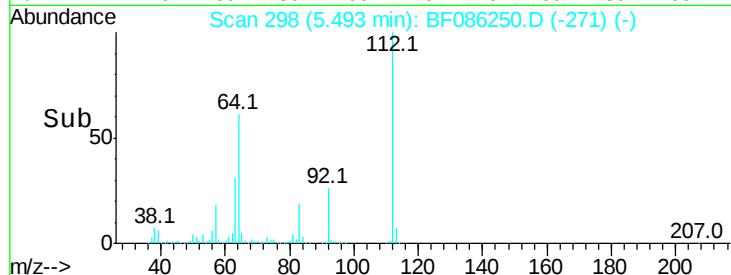
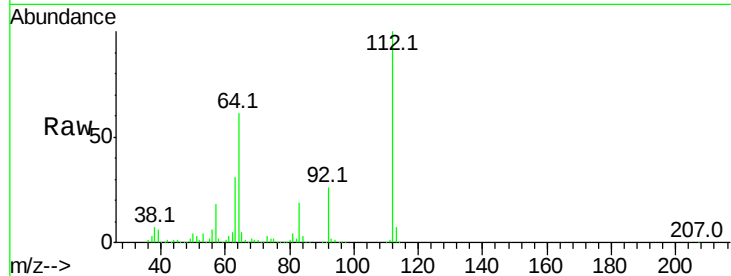
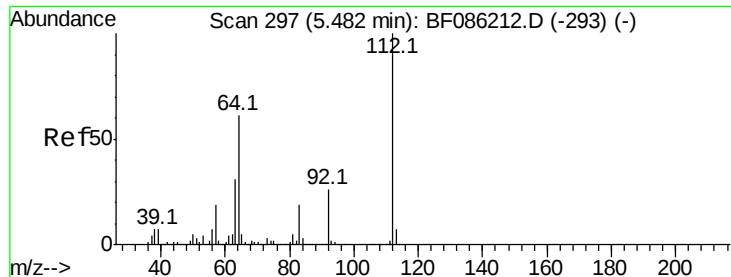
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#4
 n-Nitrosodimethylamine
 Concen: 28.30 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.07 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	250513		
74	167.3		100.5	150.7#
44	7.7		5.4	8.0





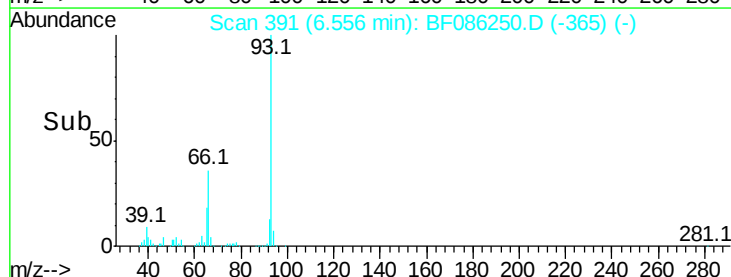
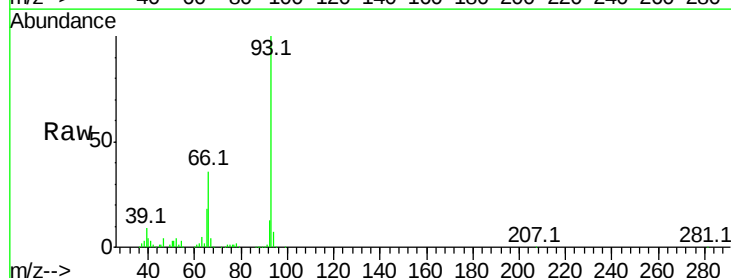
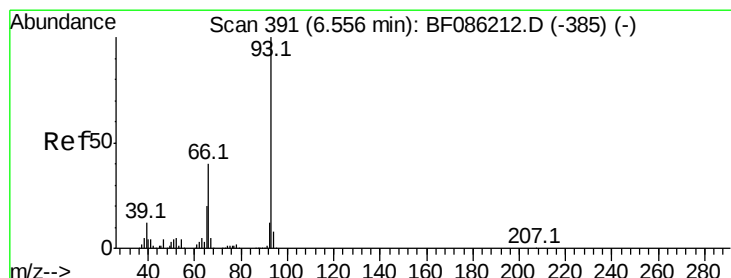
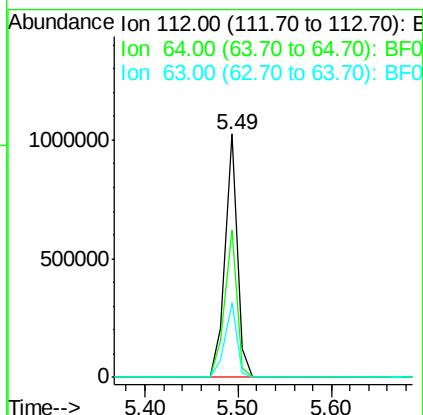
#5
2-Fluorophenol
Concen: 54.80 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.6	48.1	72.1
63	30.7	25.5	38.3

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

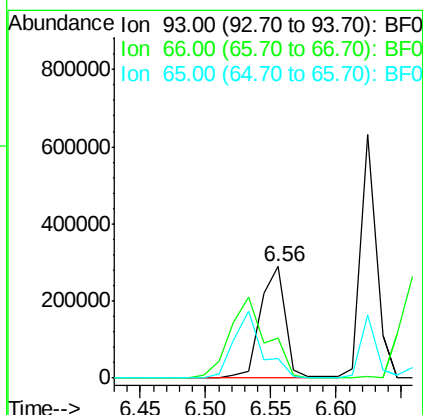
Manual Integrations
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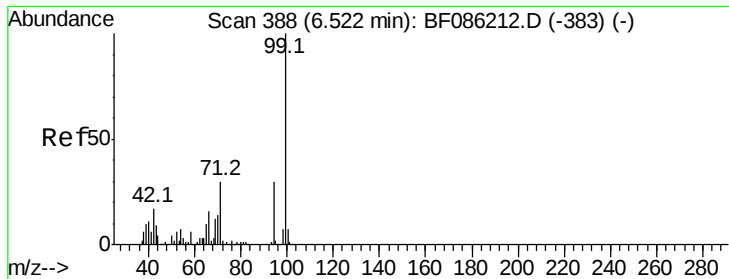
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#6
Aniline
Concen: 12.67 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.0	32.2	48.2
65	17.6	16.4	24.6





#7

Phenol-d6

Concen: 57.58 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion: 99 Resp: 1227046

Ion Ratio Lower Upper

99 100

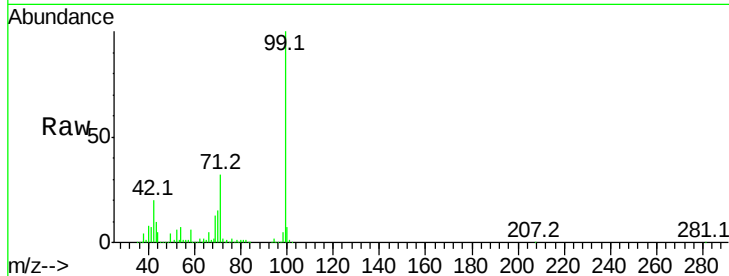
42 19.7 15.4 23.2

71 32.2 25.6 38.4

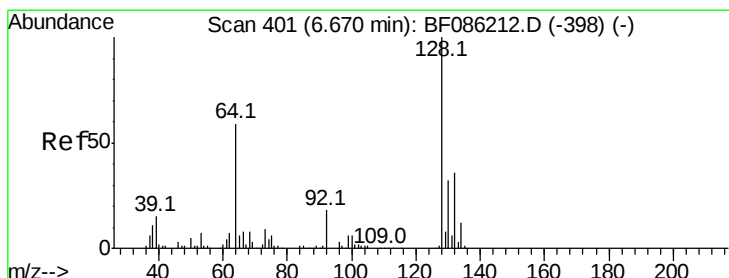
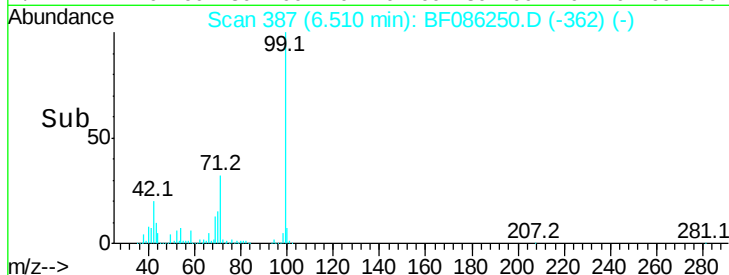
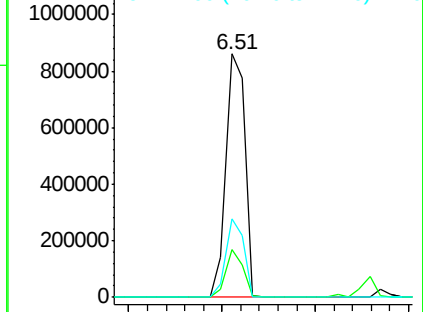
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 28.33 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

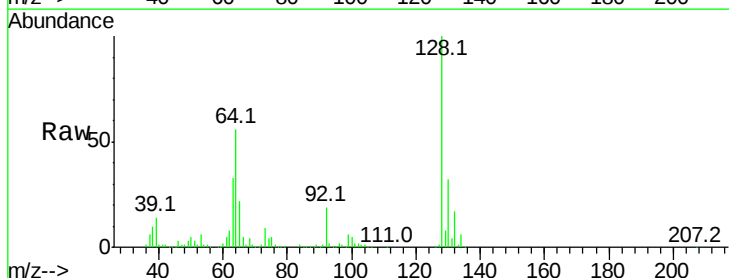
Tgt Ion: 128 Resp: 545982

Ion Ratio Lower Upper

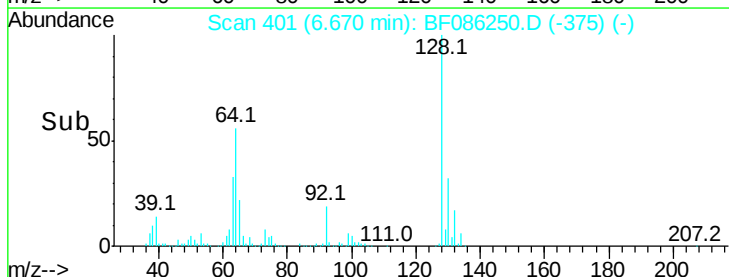
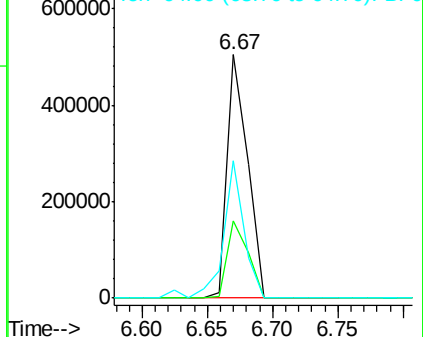
128 100

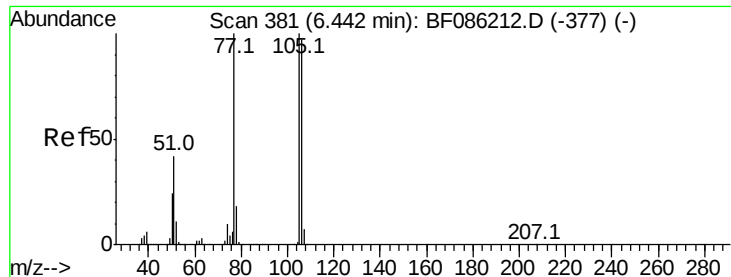
130 32.0 11.8 51.8

64 56.3 39.5 79.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.85 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

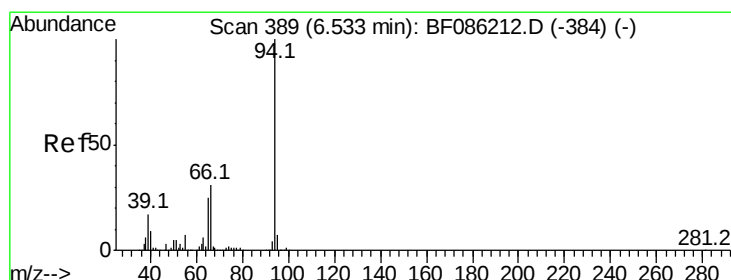
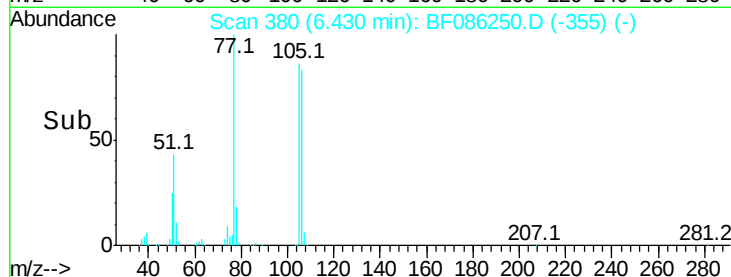
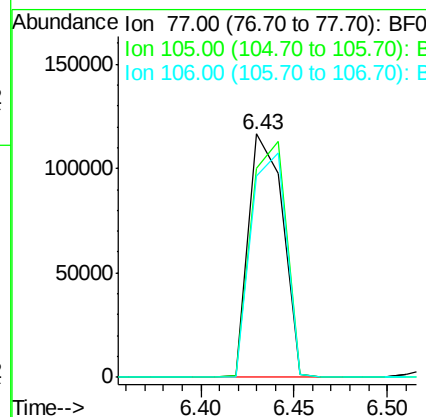
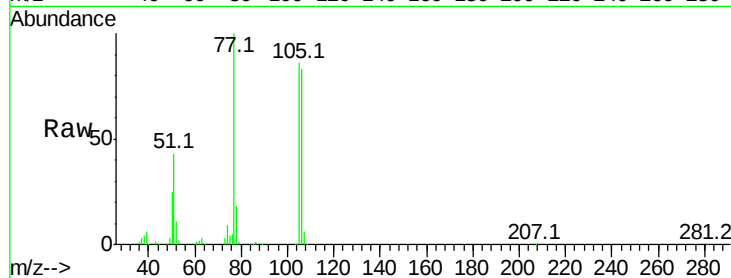
ClientSampleId :

PB89850BSD

Tot Ion:	77	Resp:	148862
Ion Ratio	Lower	Upper	
77	100		
105	85.9	84.6	124.6
106	82.8	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 29.31 ng

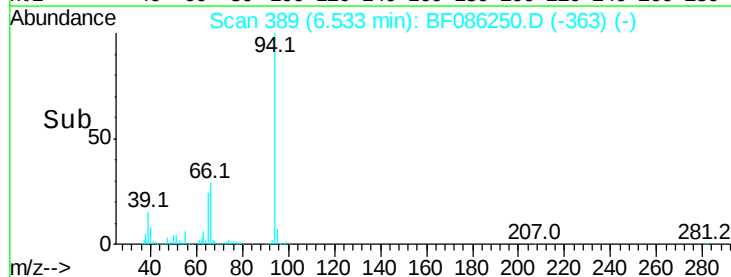
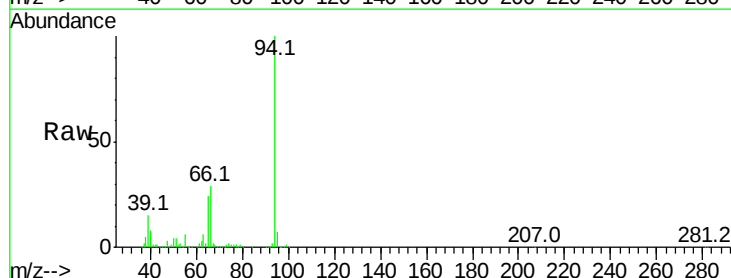
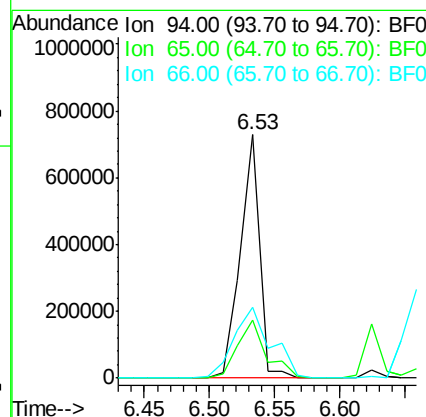
RT: 6.53 min Scan# 389

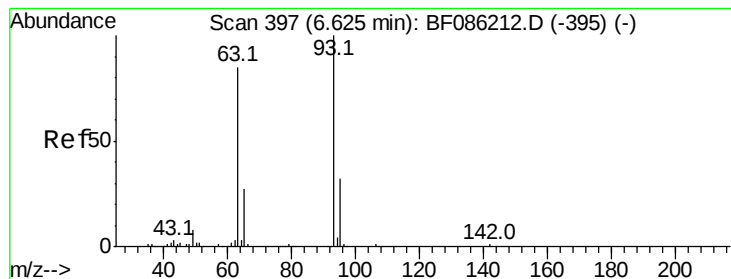
Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion:	94	Resp:	743759
Ion Ratio	Lower	Upper	
94	100		
65	23.7	7.9	47.9
66	28.9	16.5	56.5





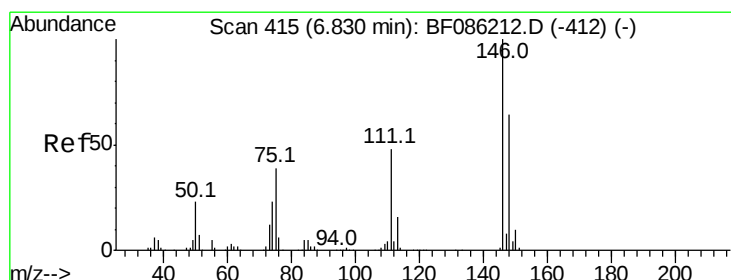
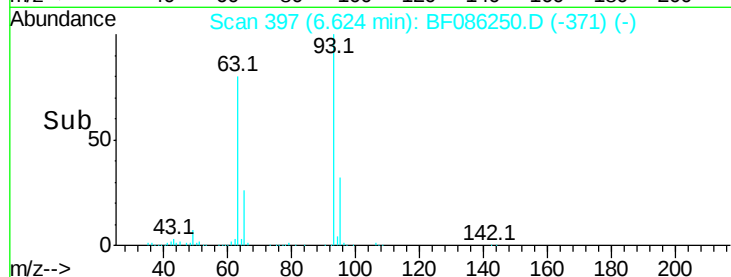
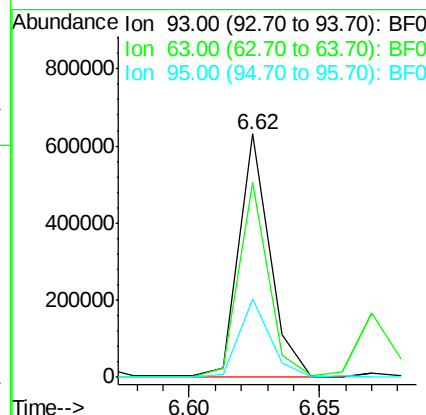
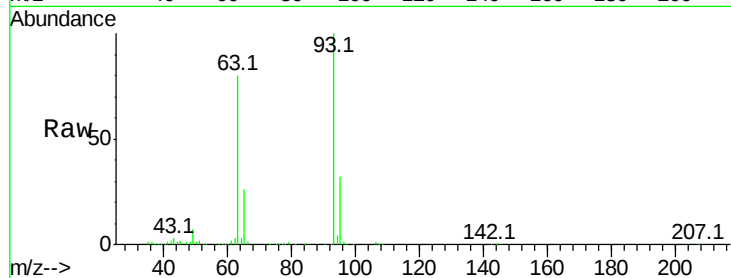
#11
bis(2-Chloroethyl)ether
Concen: 27.29 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	521017		
63	80.2		44.4	84.4
95	32.0		13.1	53.1

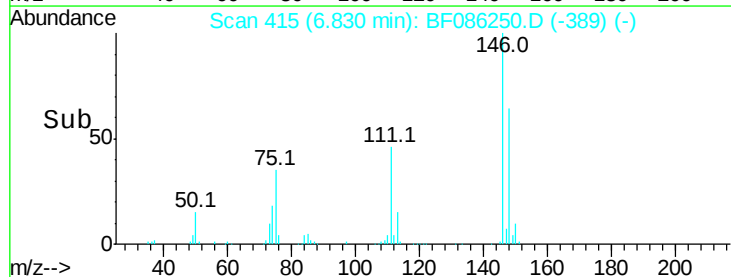
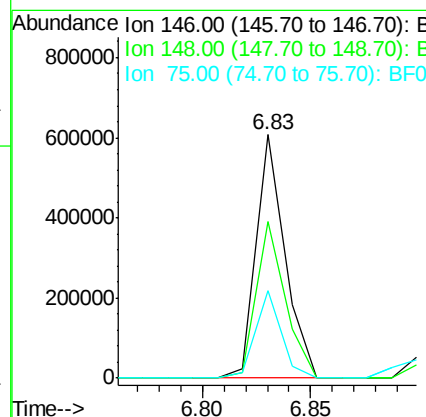
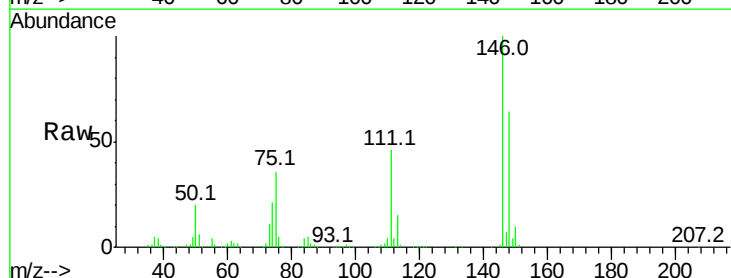
Manual Integrations
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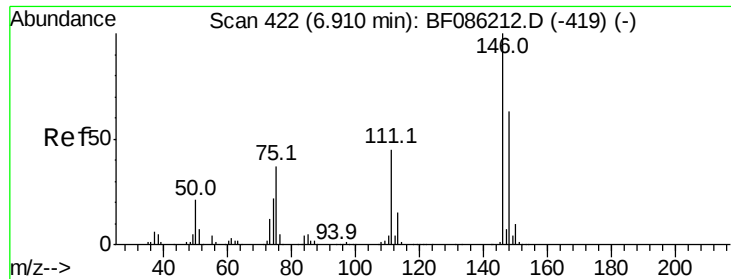
Sohil
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#12
1,3-Dichlorobenzene
Concen: 27.33 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	559016		
148	64.2		51.0	76.4
75	35.8		29.9	44.9





#13

1,4-Dichlorobenzene

Concen: 28.85 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

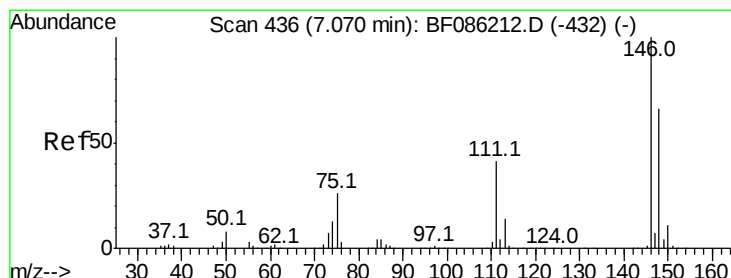
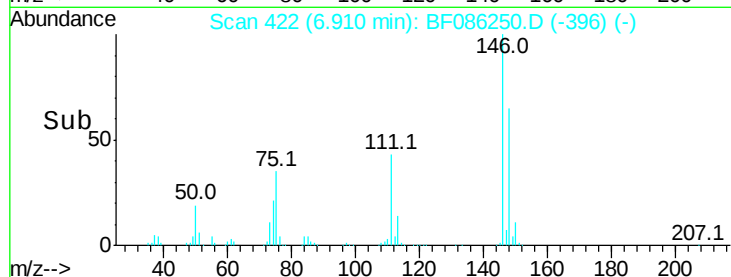
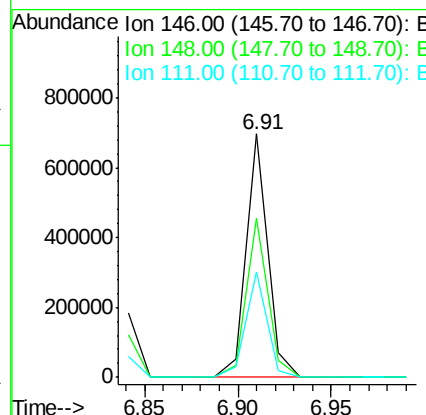
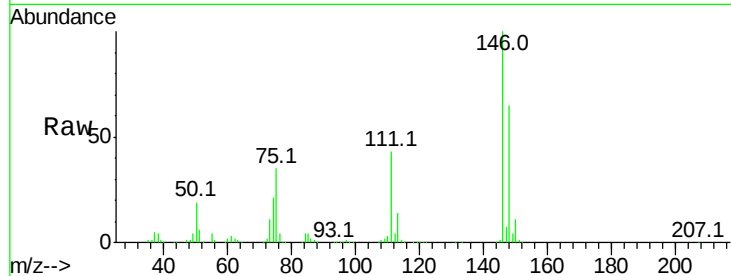
ClientSampleId :

PB89850BSD

Tot Ion:	146	Resp:	562149
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.8	77.6
111	43.4	34.9	52.3

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#14

1,2-Dichlorobenzene

Concen: 30.64 ng

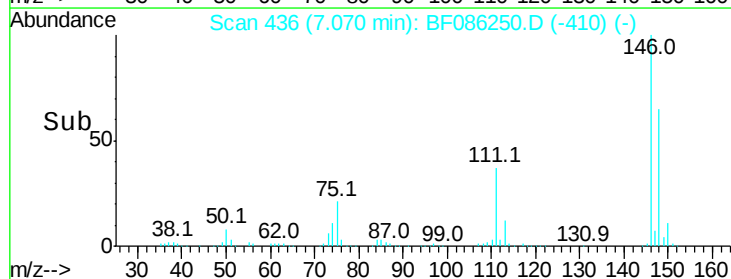
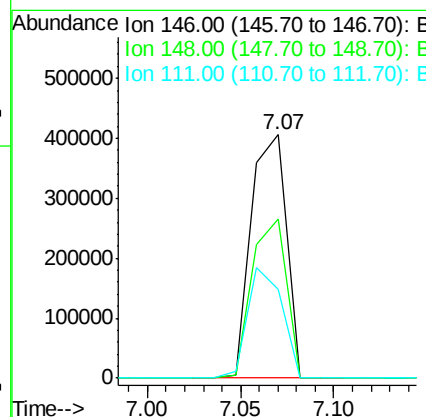
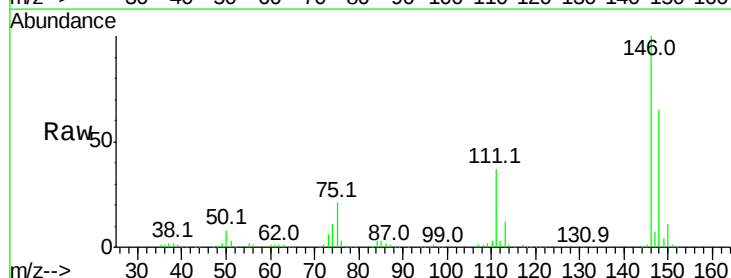
RT: 7.07 min Scan# 436

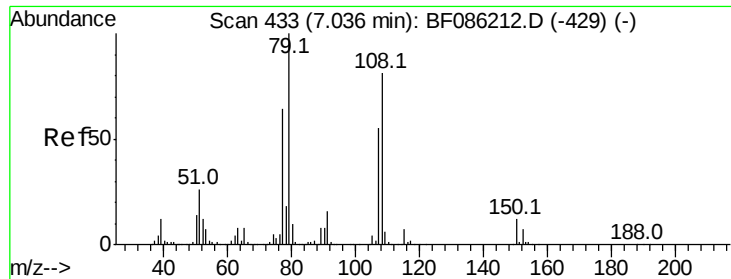
Delta R.T. 0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion:	146	Resp:	529781
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.2
111	36.6	31.0	46.4





#15

Benzyl Alcohol

Concen: 32.85 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

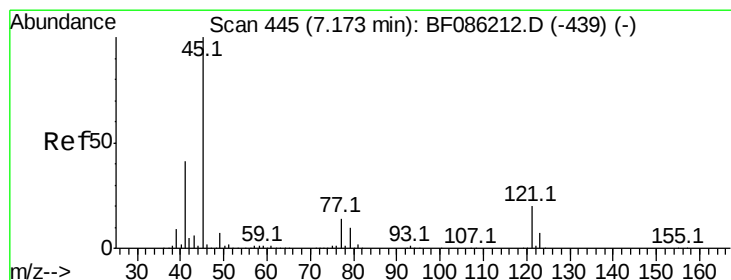
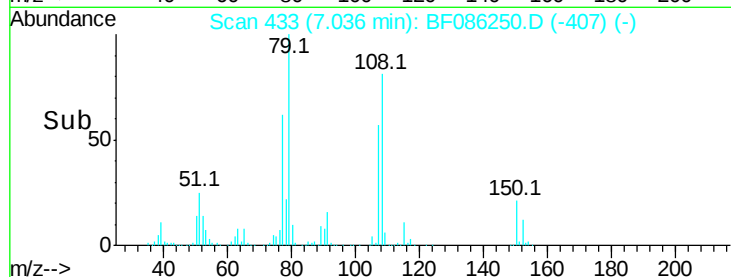
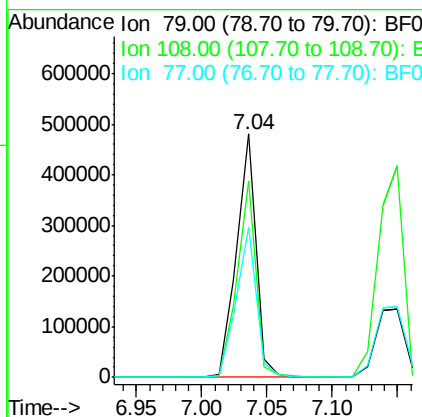
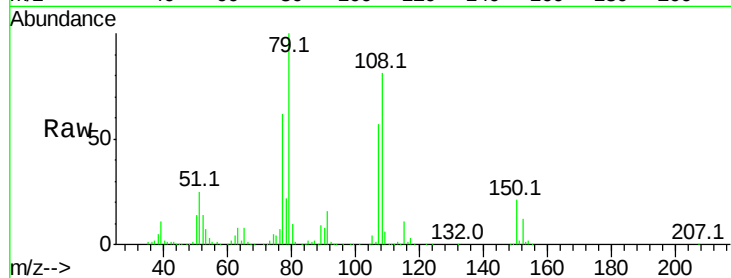
ClientSampleId :

PB89850BSD

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Tot Ion	79	Resp	496626
Ion Ratio	Lower	Upper	
79	100		
108	80.8	64.8	97.2
77	61.7	51.9	77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.36 ng

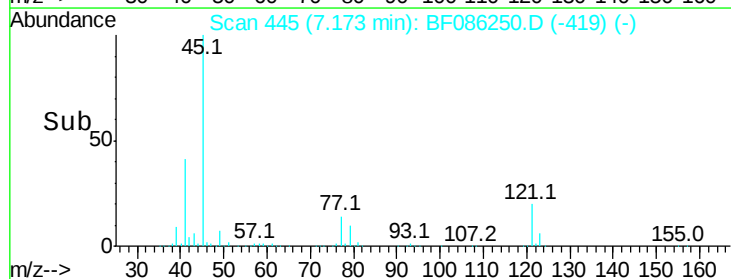
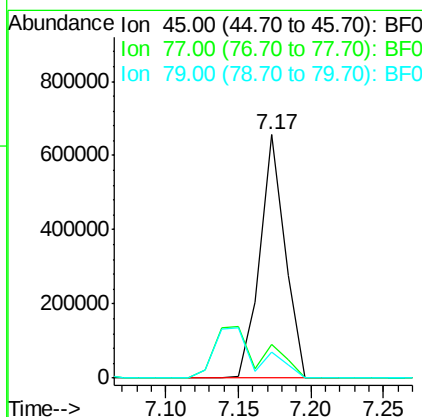
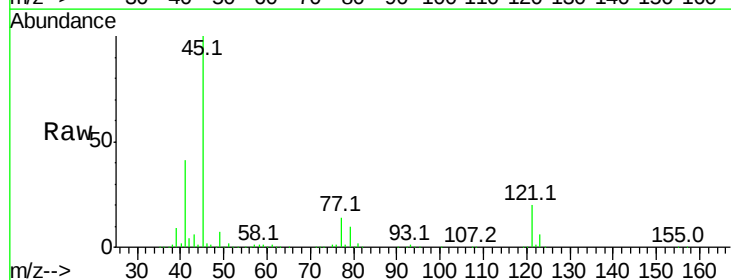
RT: 7.17 min Scan# 445

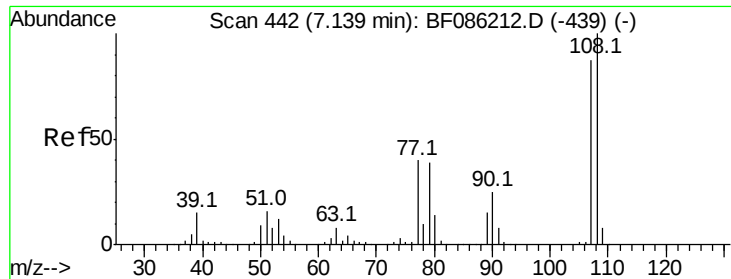
Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion	45	Resp	784035
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	33.7
79	10.5	0.0	30.1





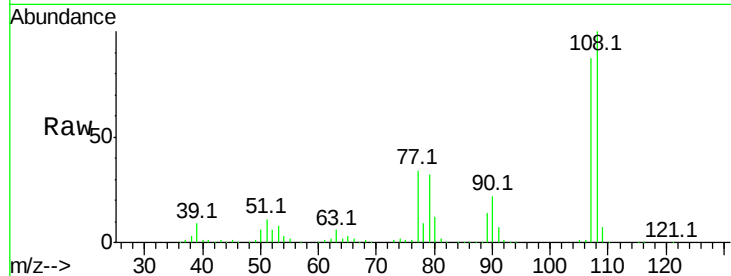
#17
2-Methylphenol
Concen: 30.44 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	488809		
108	114.5	92.7	139.1	
77	38.6	39.6	59.4	
79	36.8	37.4	56.2	

Manual Integrations
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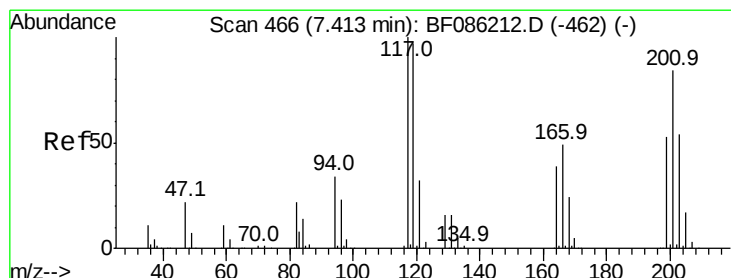
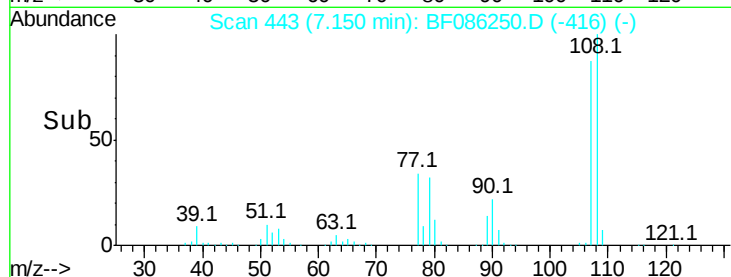
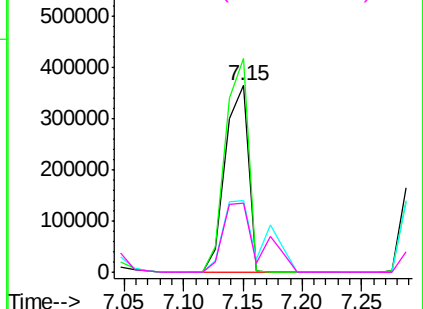
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

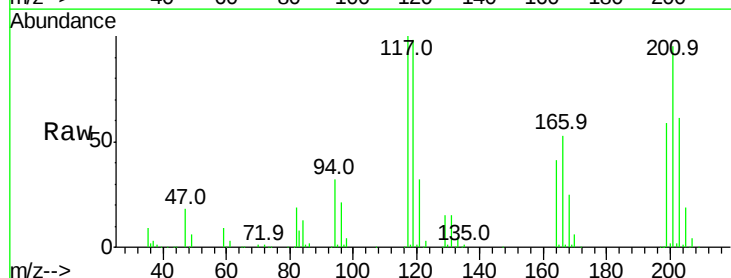
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 29.11 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	213896		
119	97.6	78.2	117.4	
201	95.3	75.7	113.5	

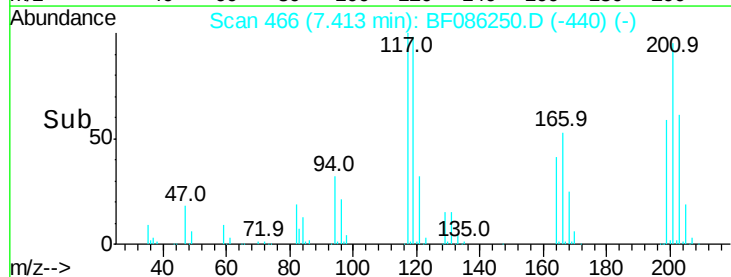
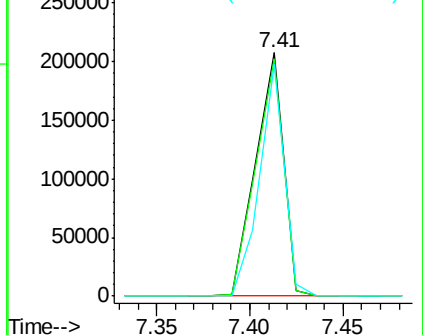


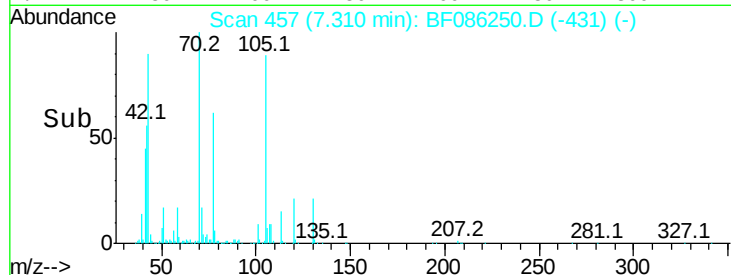
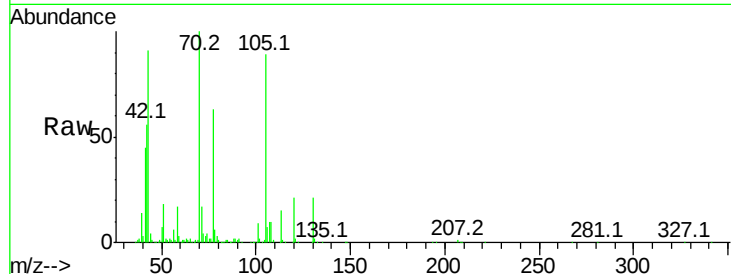
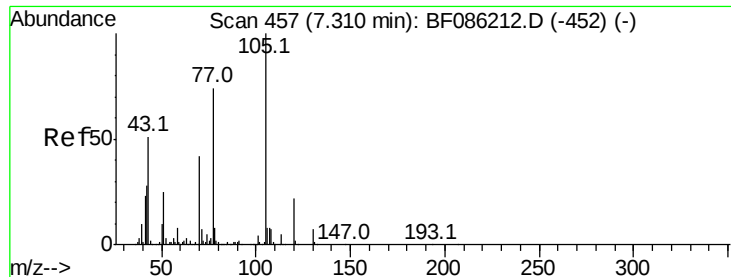
Abundance

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





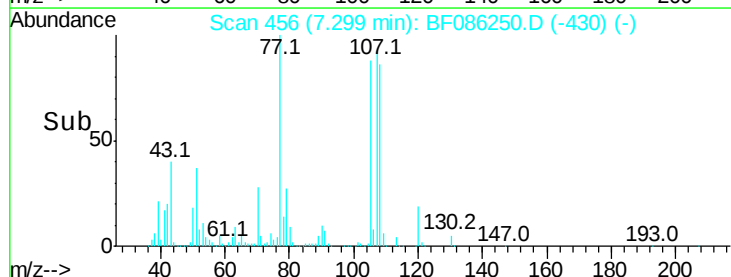
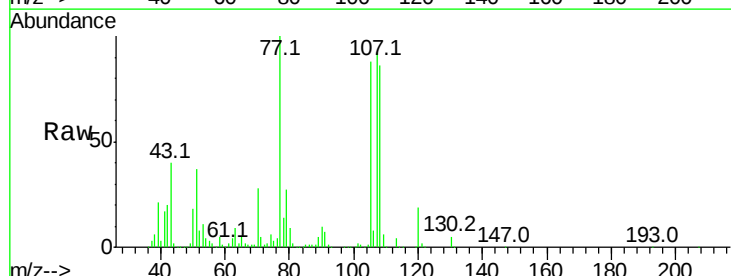
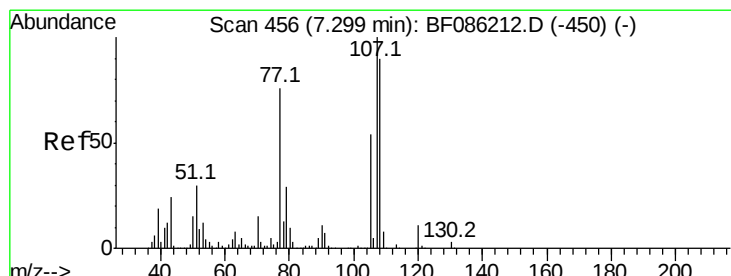
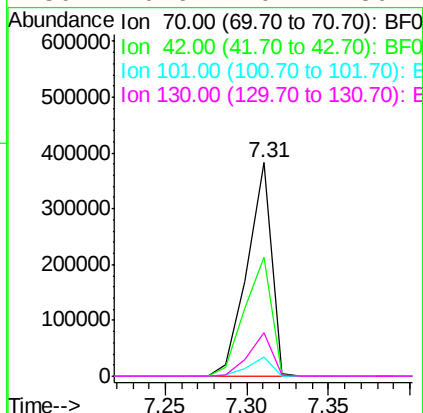
#19
n-Nitroso-di-n-propylamine
Concen: 29.11 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

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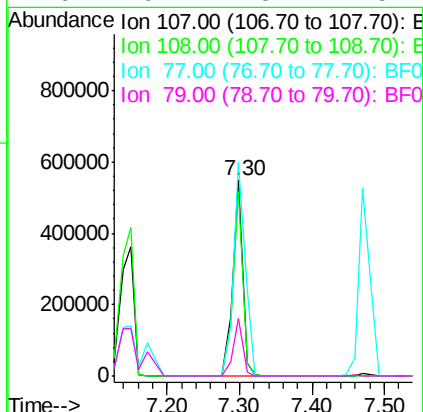
Sohil
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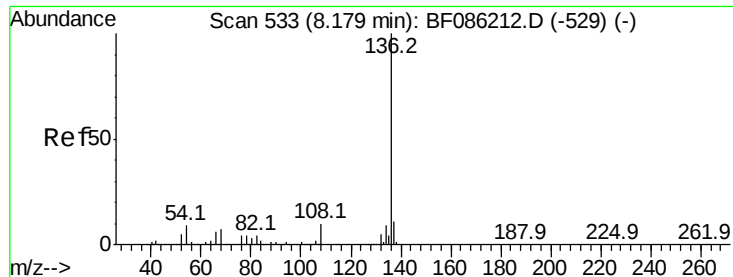
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.0	64.4
101	9.2	8.1	12.1
130	20.6	20.1	30.1



#20
3+4-Methylphenols
Concen: 29.00 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	69.7	109.7
77	109.2	60.5	100.5#
79	29.2	8.1	48.1





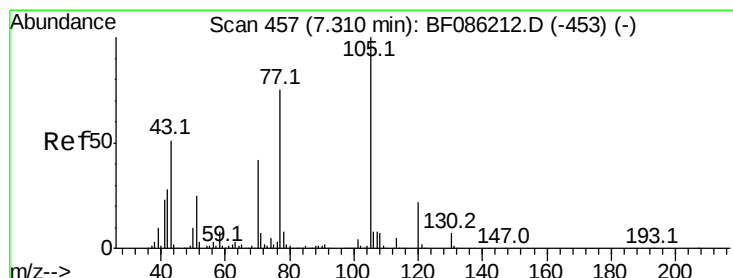
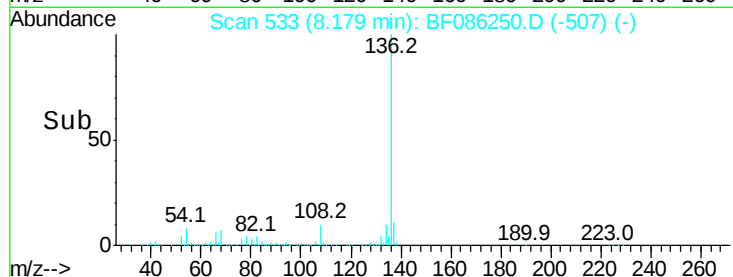
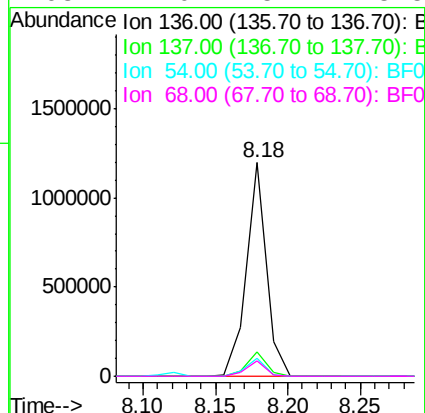
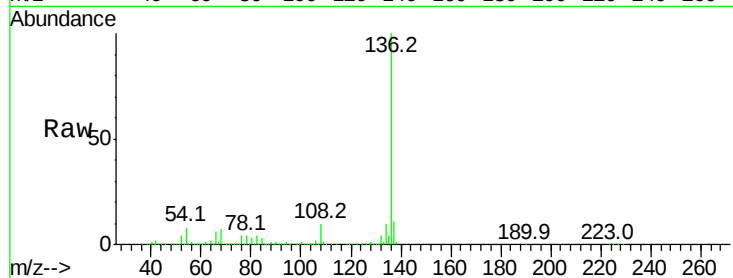
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.1	13.7	
54	8.4	7.3	10.9	
68	7.0	5.7	8.5	

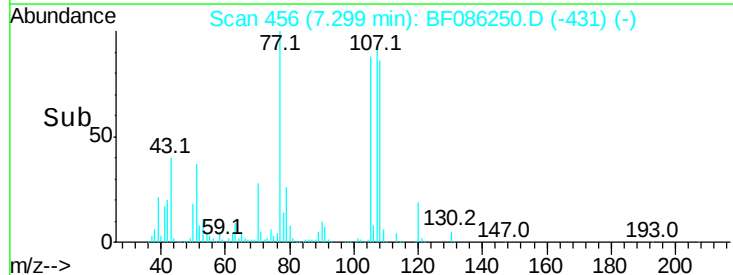
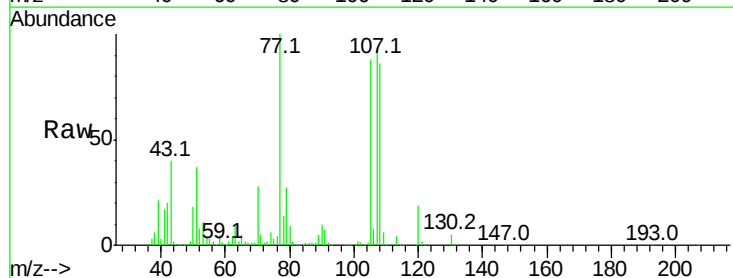
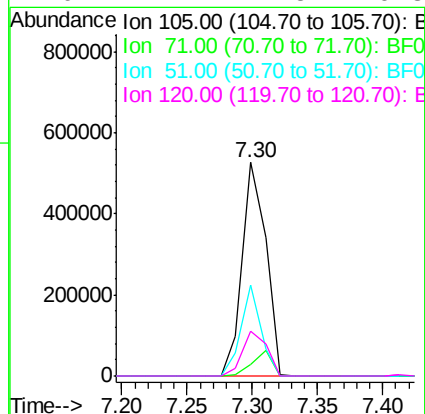
Manual Integrations
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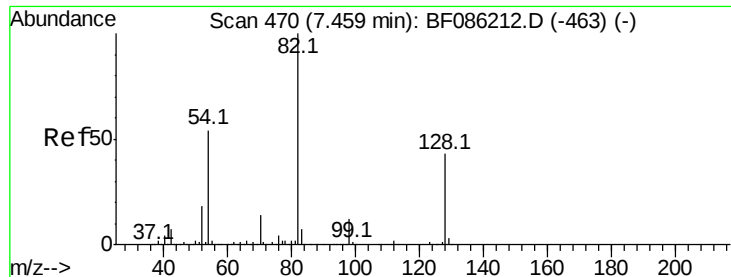
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#22
Acetophenone
Concen: 28.47 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	4.0	6.0	
51	42.4	22.0	33.0	
120	21.1	17.5	26.3	





#23

Nitrobenzene-d5

Concen: 58.55 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion: 82 Resp: 1163654

Ion Ratio Lower Upper

82 100

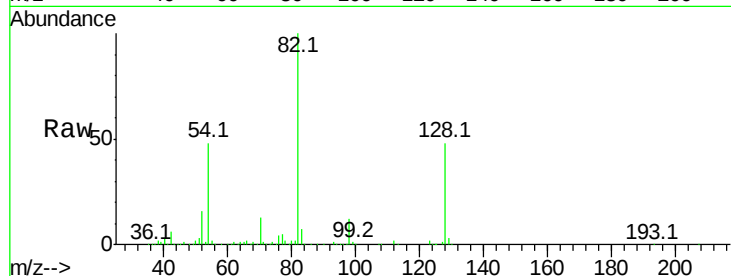
128 47.6 35.4 53.2

54 47.6 43.4 65.0

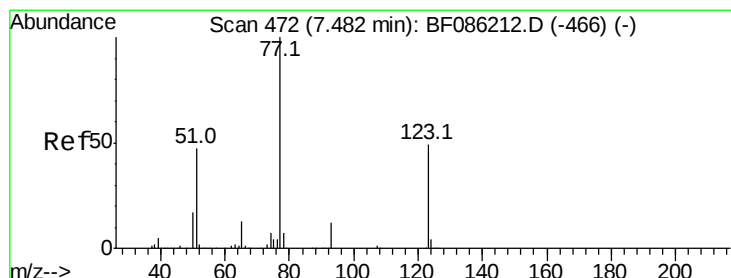
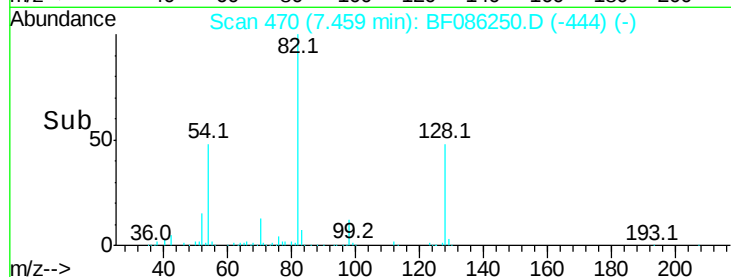
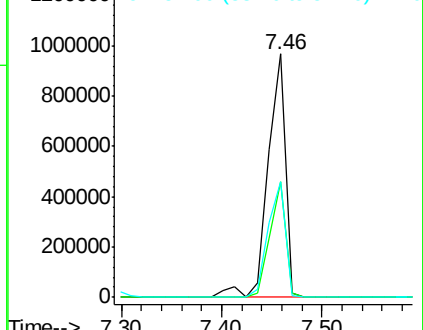
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 25.95 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

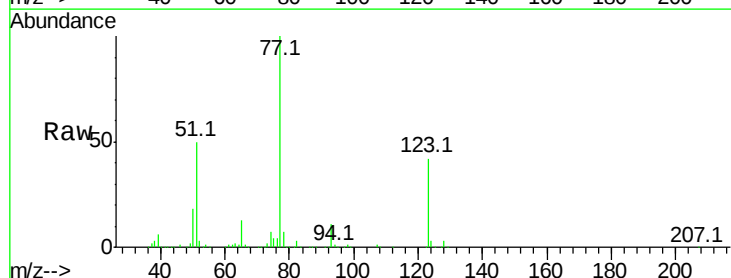
Tgt Ion: 77 Resp: 563898

Ion Ratio Lower Upper

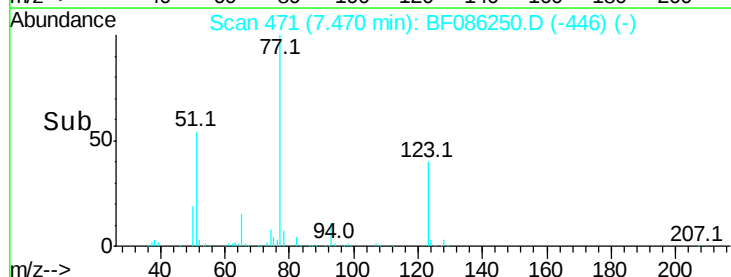
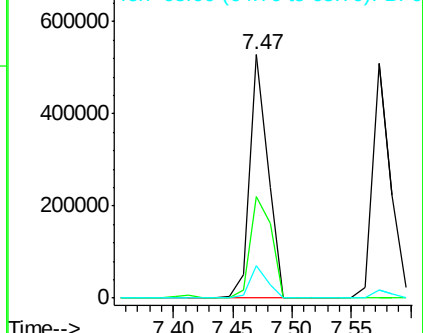
77 100

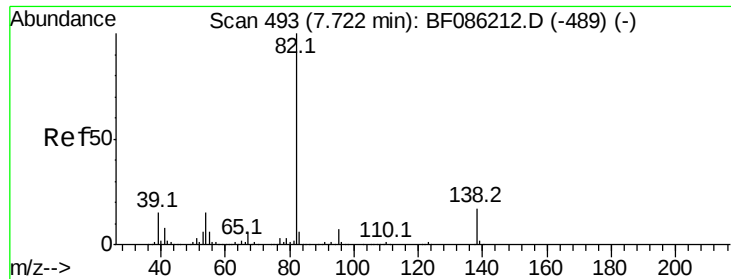
123 41.5 38.3 57.5

65 13.4 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 28.52 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion: 82 Resp: 1124519

Ion Ratio Lower Upper

82 100

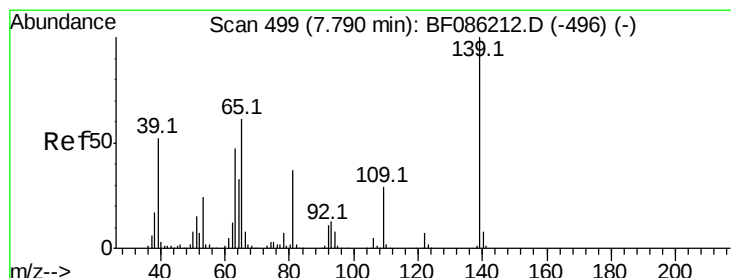
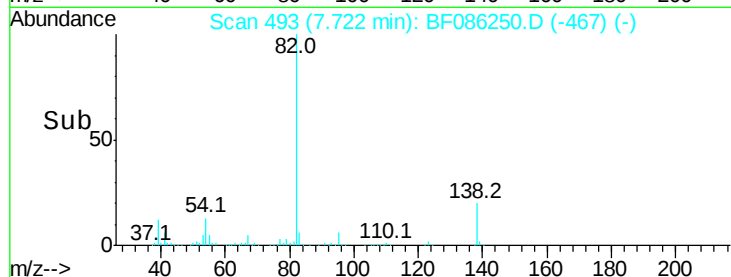
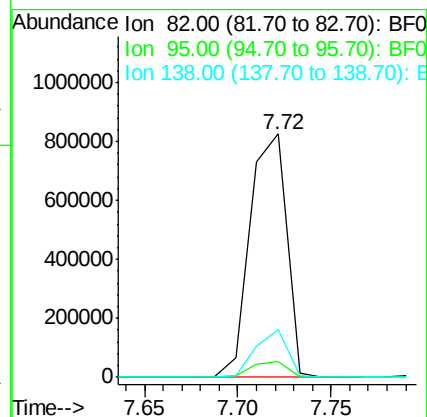
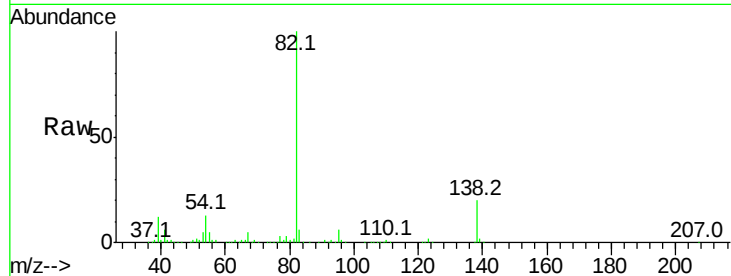
95 6.4 5.4 8.2

138 19.5 13.4 20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.09 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

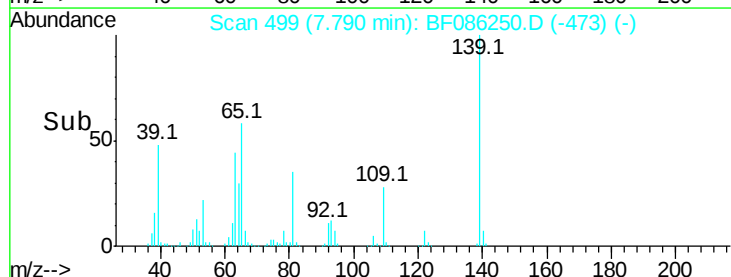
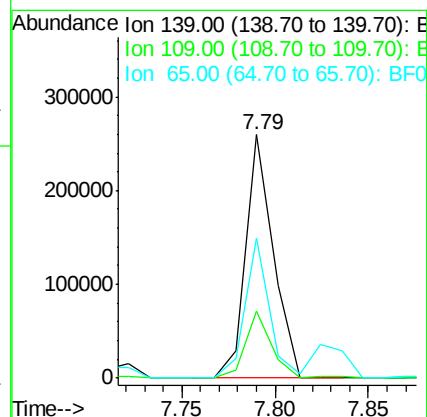
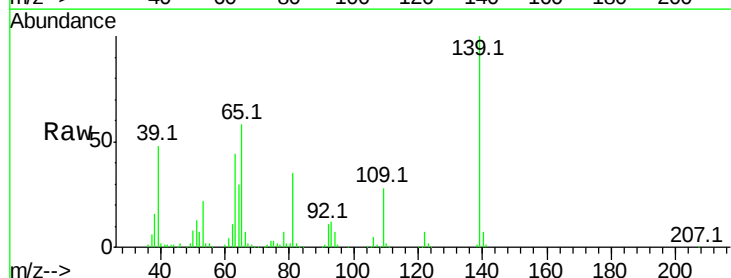
Tgt Ion: 139 Resp: 266131

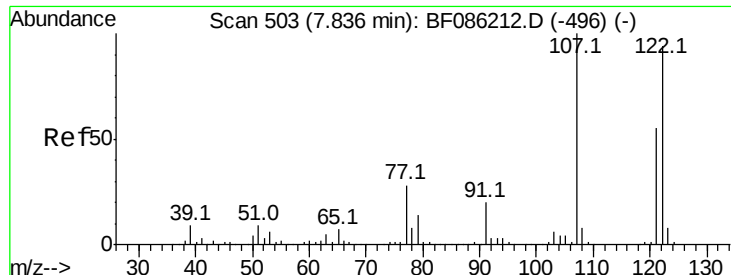
Ion Ratio Lower Upper

139 100

109 27.6 25.8 38.8

65 57.6 50.2 75.2





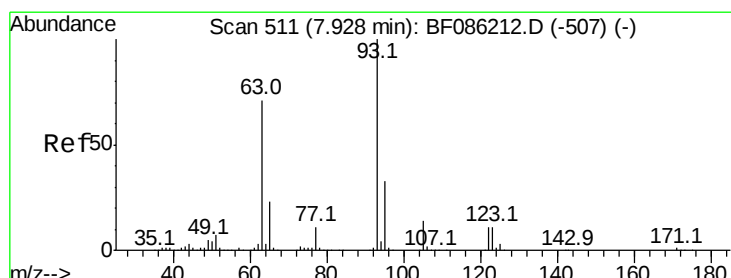
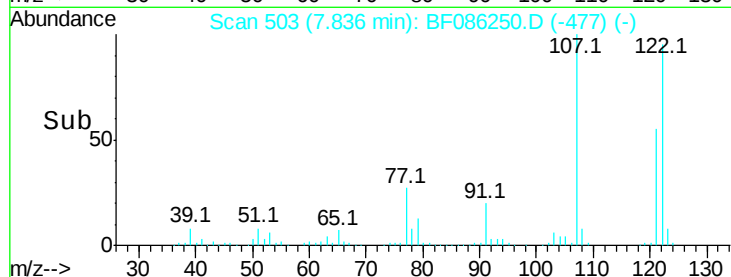
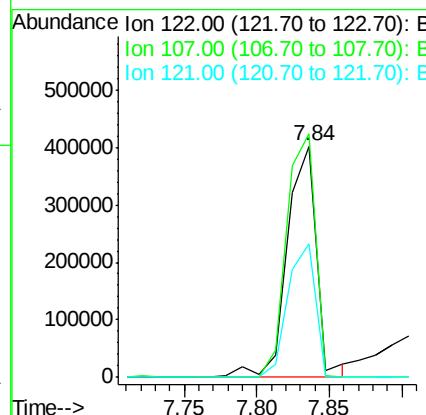
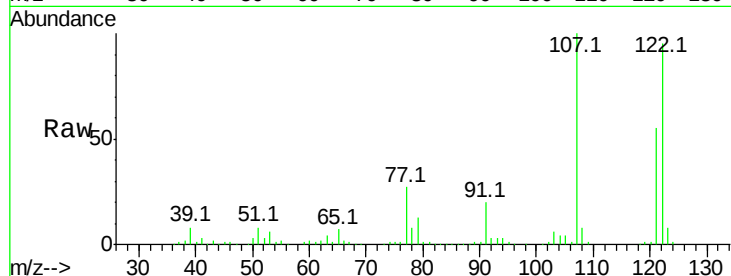
#27
 2,4-Dimethylphenol
 Concen: 29.45 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	563457		
107	105.3	85.8	128.6	
121	57.9	47.1	70.7	

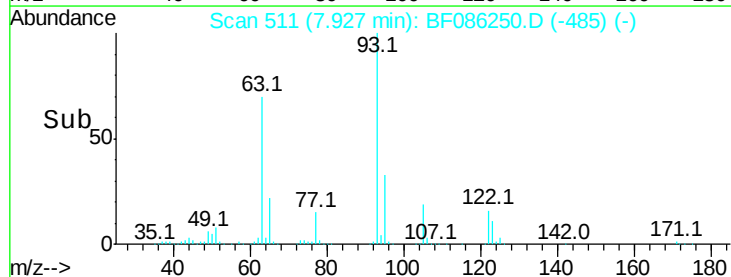
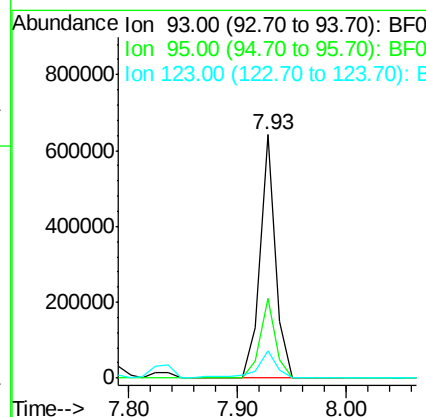
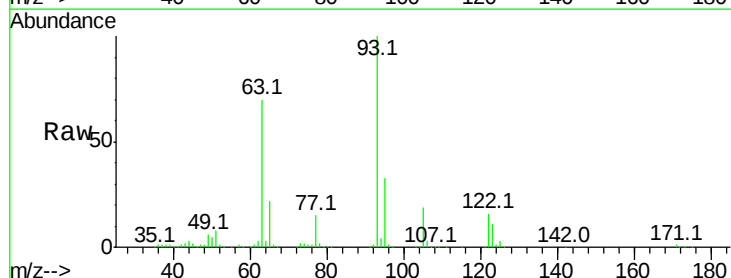
Manual Integrations
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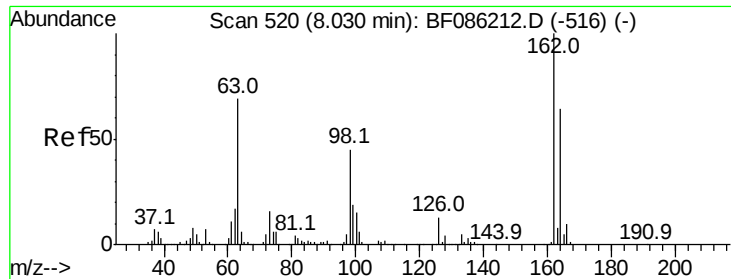
Sohil
 4/18/2016 7:31:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.50 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	637518		
95	32.9	25.8	38.8	
123	11.3	8.9	13.3	





#29

2,4-Dichlorophenol

Concen: 29.24 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

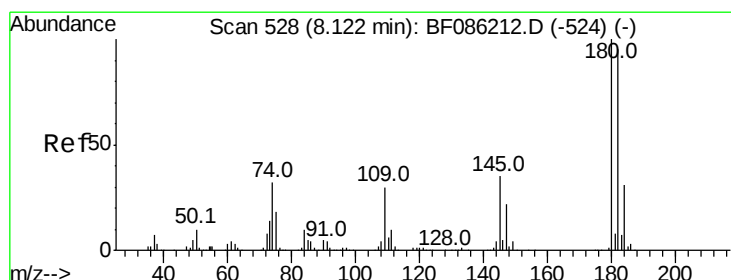
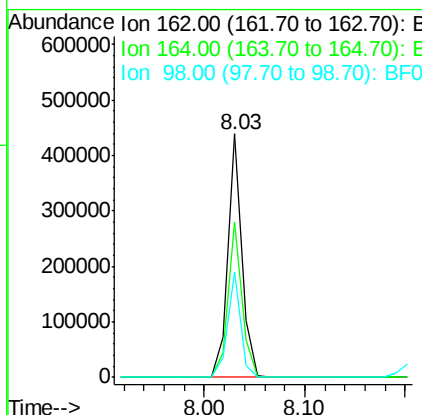
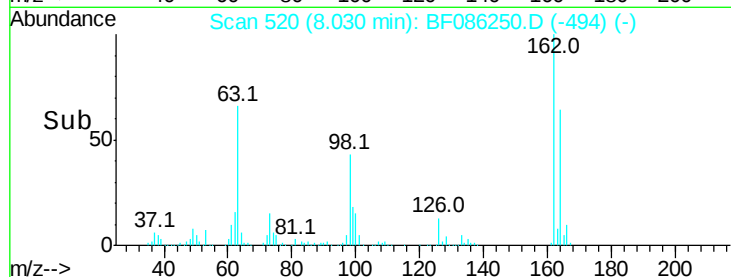
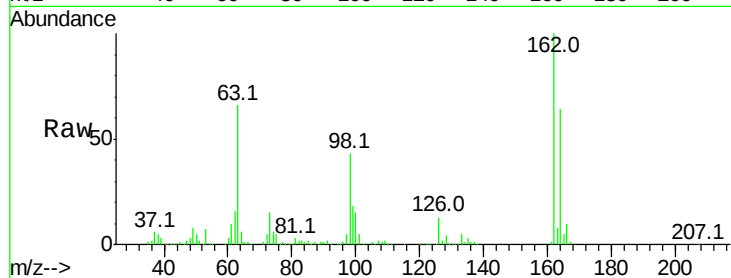
PB89850BSD

Manual Integrations
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Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.9	43.3	83.3	
98	43.4	22.9	62.9	



#30

1,2,4-Trichlorobenzene

Concen: 29.79 ng

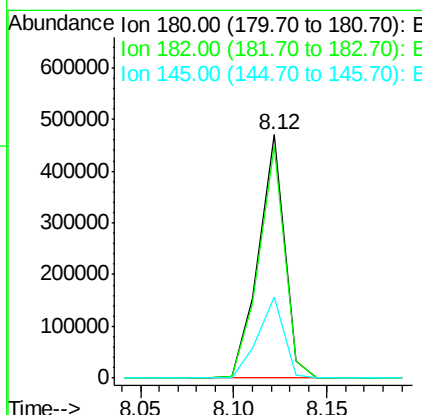
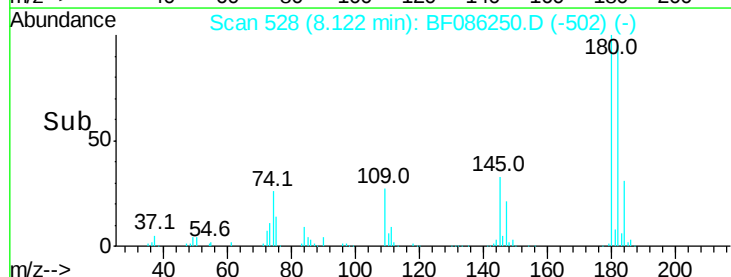
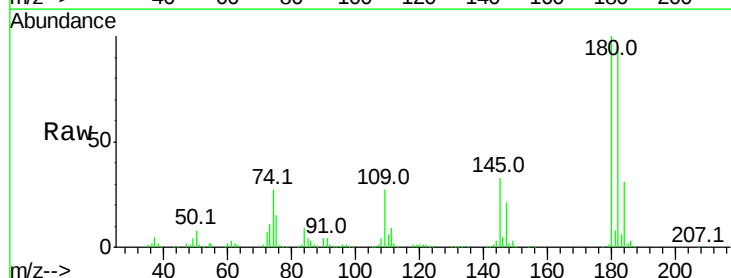
RT: 8.12 min Scan# 528

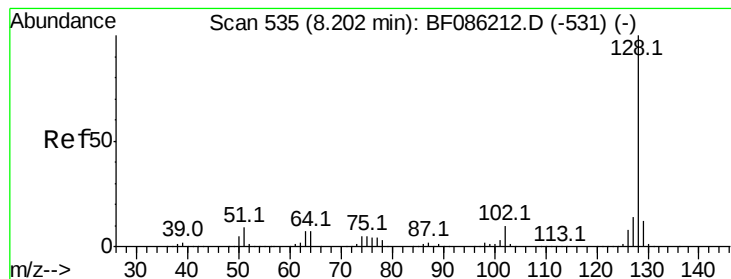
Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	76.3	114.5	
145	33.1	27.4	41.2	





#31

Naphthalene

Concen: 30.73 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:128 Resp: 1572948

Ion Ratio Lower Upper

128 100

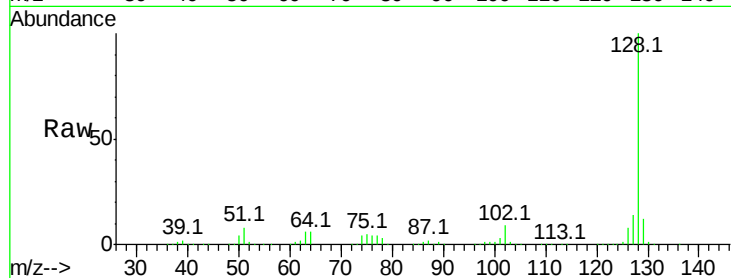
129 11.5 9.6 14.4

127 13.9 11.4 17.2

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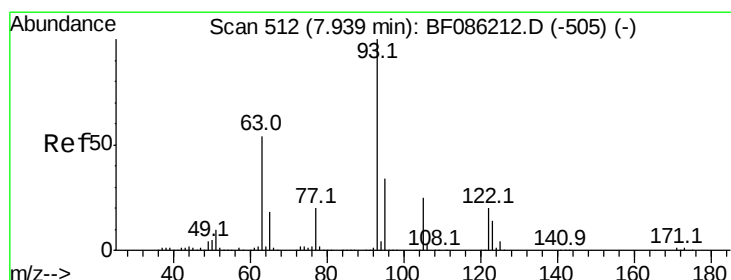
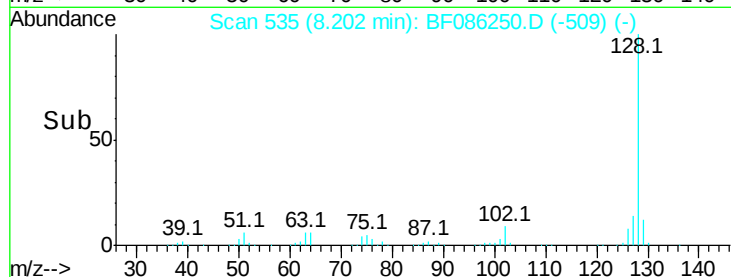
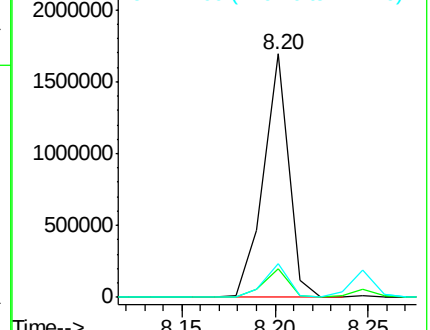
4/18/2016 7:31:45 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.87 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

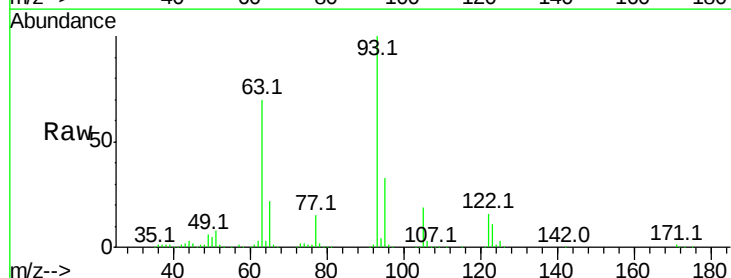
Tgt Ion:122 Resp: 316445

Ion Ratio Lower Upper

122 100

105 118.5 103.7 143.7

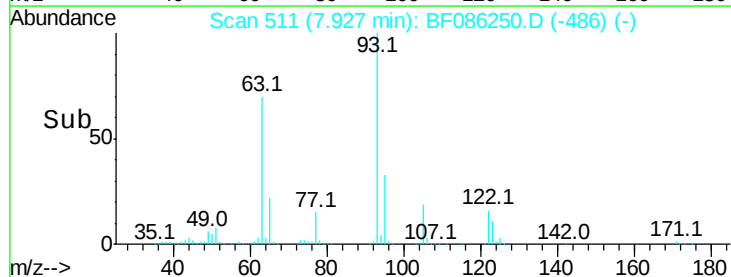
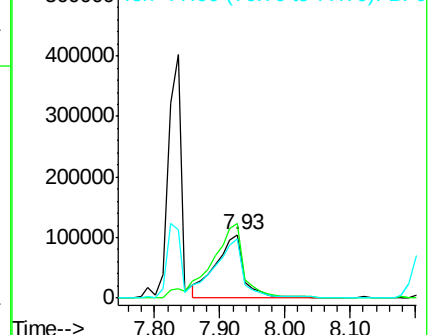
77 93.5 74.9 114.9

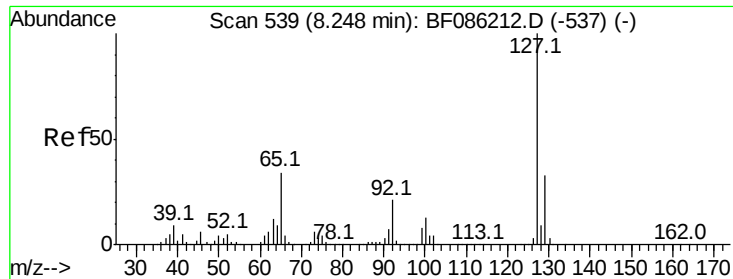


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





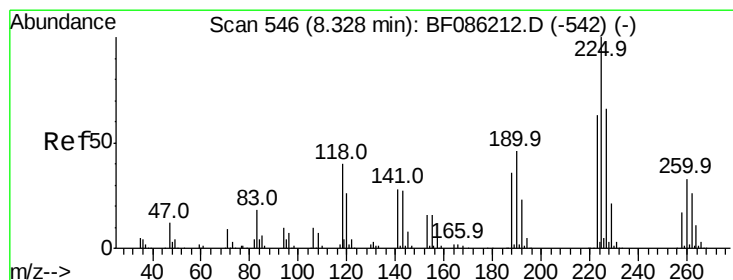
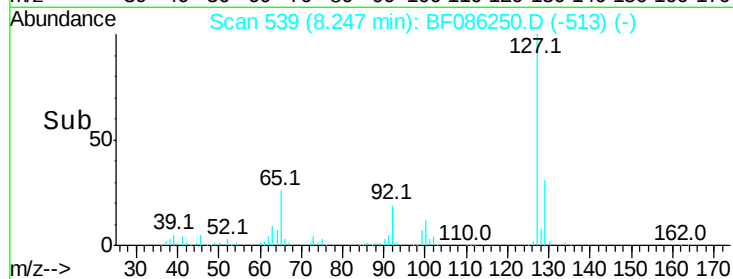
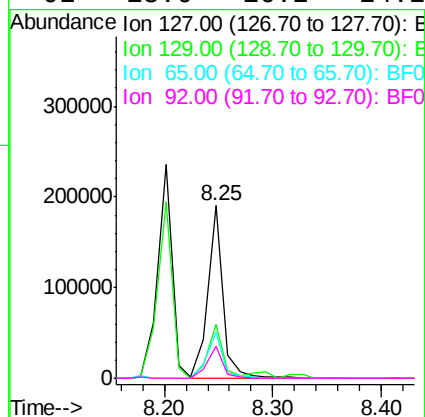
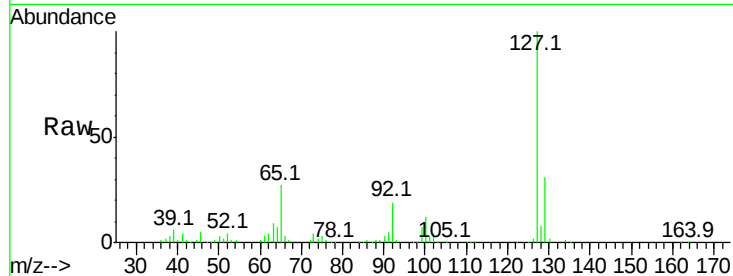
#33
4-Chloroaniline
Concen: 8.15 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ion	Ratio	Resp Lower	Upper
127	100			
129	30.9	26.8	40.2	
65	26.7	27.1	40.7	
92	18.6	16.2	24.2	

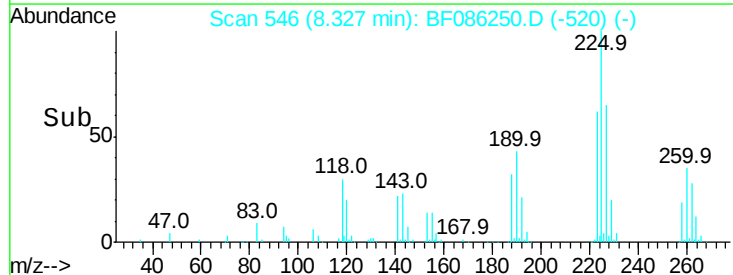
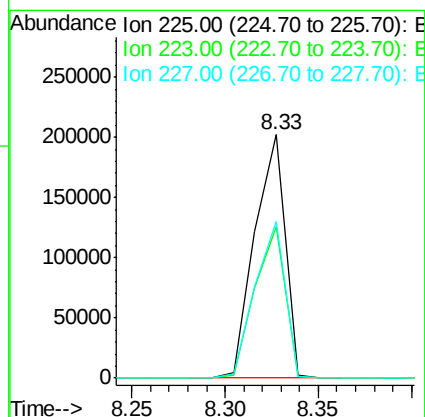
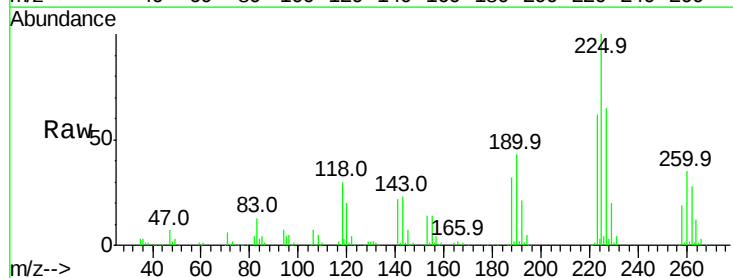
Manual Integrations
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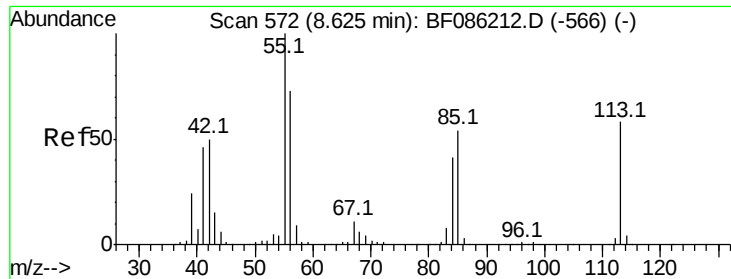
Sohil
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#34
Hexachlorobutadiene
Concen: 29.79 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ion	Ratio	Resp Lower	Upper
225	100			
223	62.1	49.4	74.0	
227	64.6	51.1	76.7	





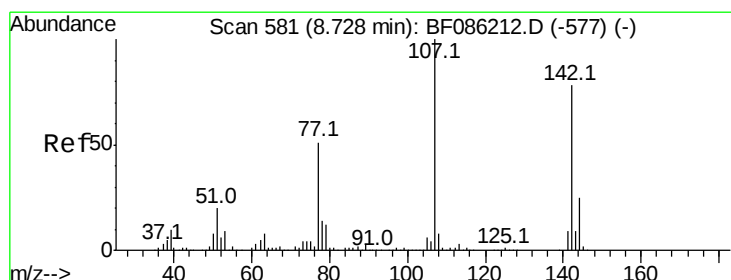
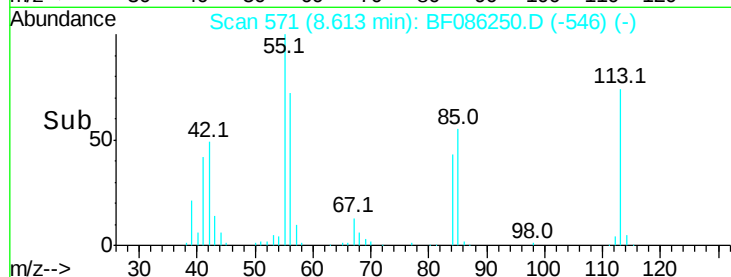
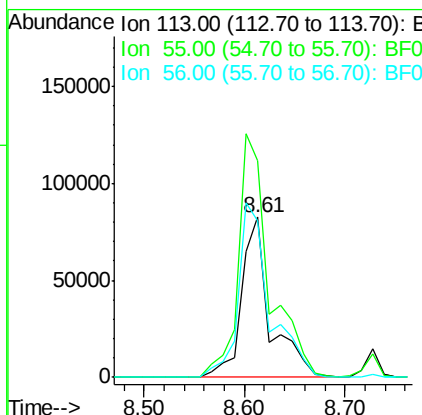
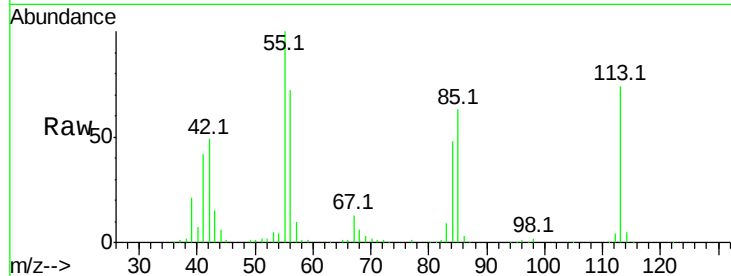
#35
 Caprolactam
 Concen: 30.93 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	135.6	117.5	157.5	
56	98.2	82.5	122.5	

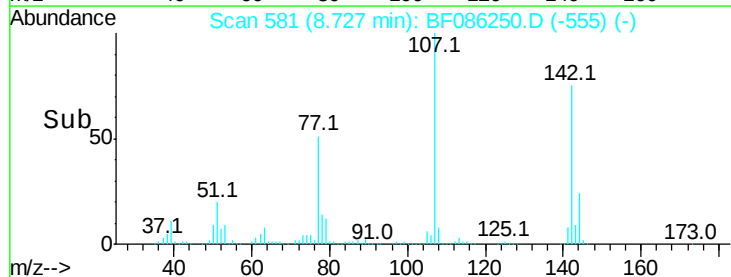
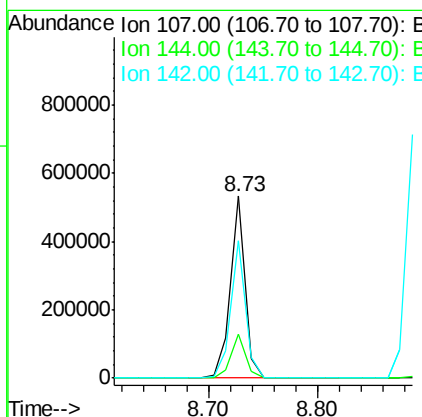
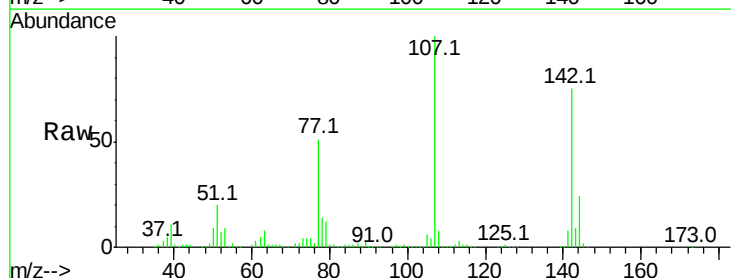
Manual Integrations
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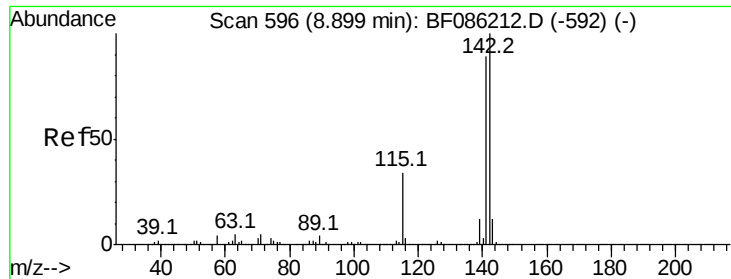
Sohil
 4/18/2016 7:31:45 PM



#36
 4-Chloro-3-methylphenol
 Concen: 29.38 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.3	20.7	31.1	
142	75.2	64.5	96.7	





#37

2-Methylnaphthalene

Concen: 30.58 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:142 Resp: 1012247

Ion Ratio Lower Upper

142 100

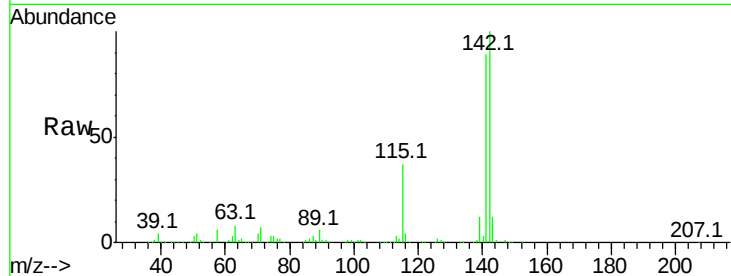
141 89.0 71.1 106.7

115 36.7 25.1 37.7

Manual Integrations
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

1200000

1000000

800000

600000

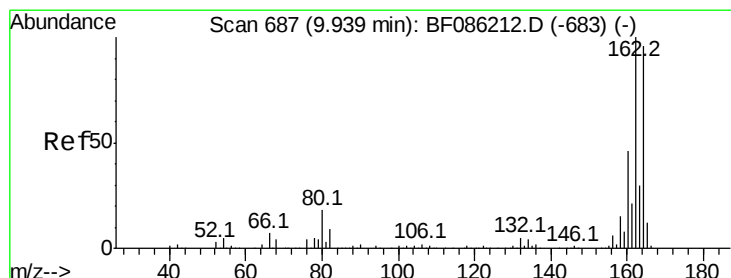
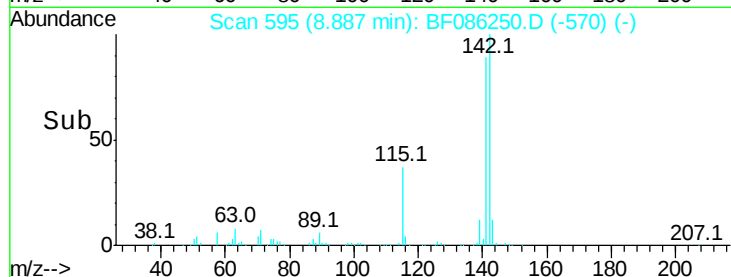
400000

200000

0

8.85 8.90 8.95

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

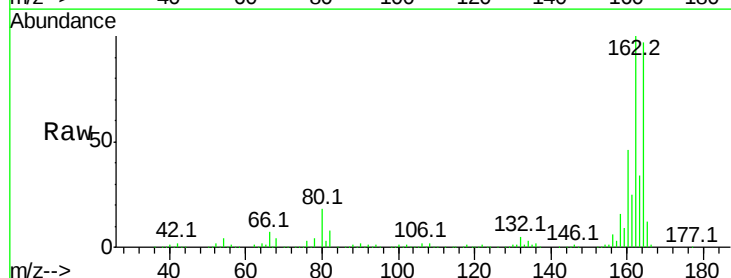
Tgt Ion:164 Resp: 523080

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

160 47.8 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

600000

500000

400000

300000

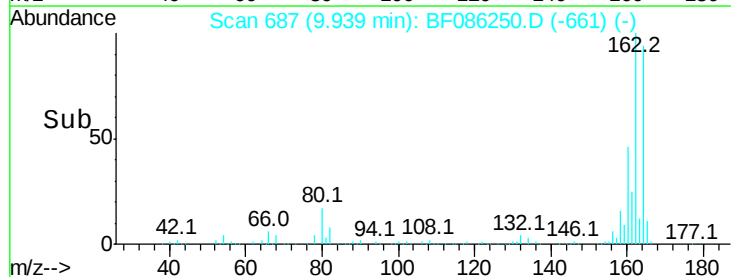
200000

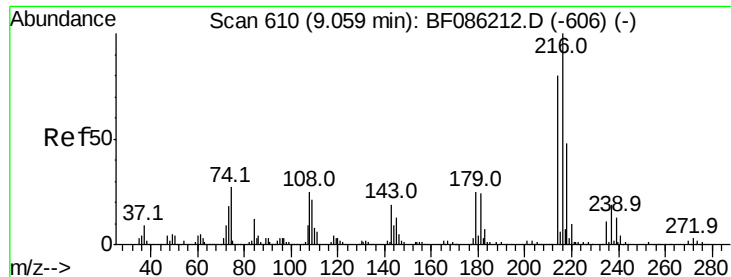
100000

0

9.90 9.95

Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.42 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

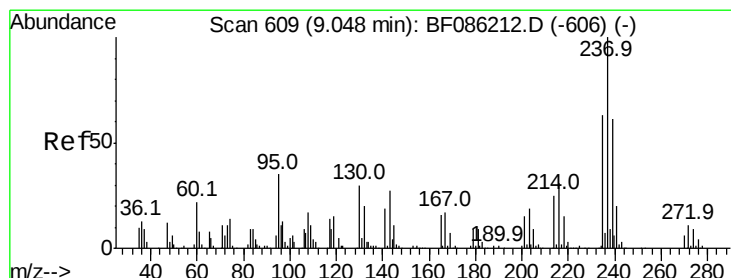
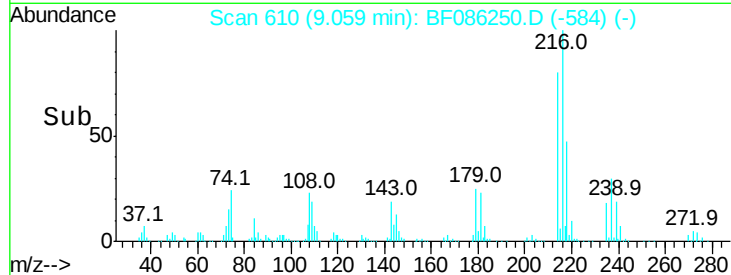
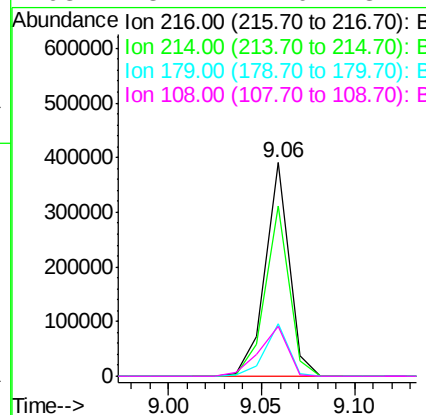
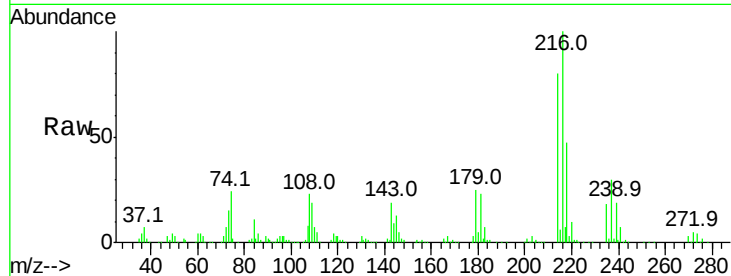
ClientSampleId :

PB89850BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		347176		
214	79.5		64.9	97.3	
179	24.1		19.8	29.6	
108	28.1		21.0	31.4	

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#40

Hexachlorocyclopentadiene

Concen: 60.46 ng

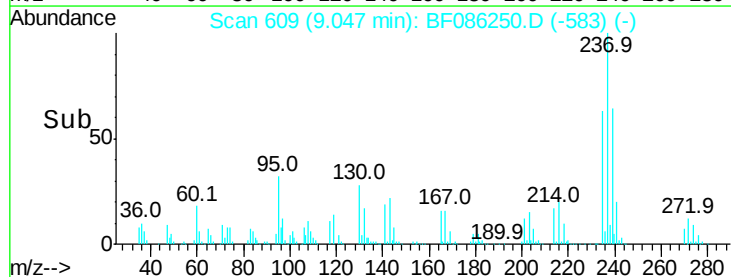
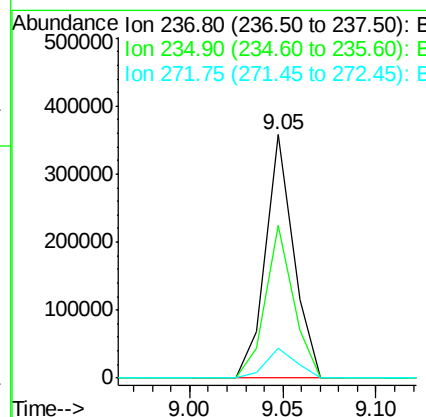
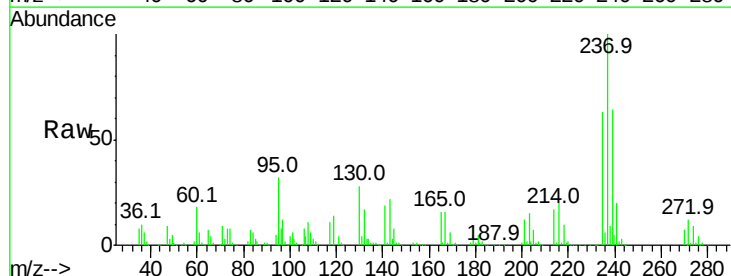
RT: 9.05 min Scan# 609

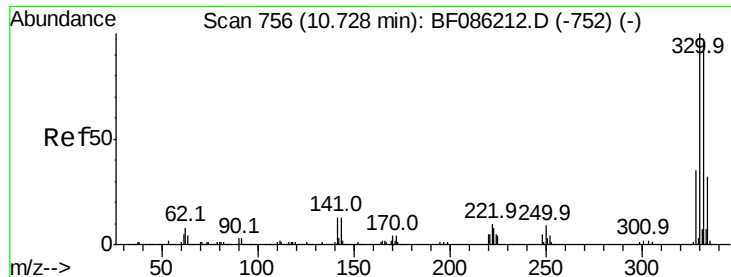
Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		372771		
235	62.7		44.0	84.0	
272	12.3		0.0	32.4	





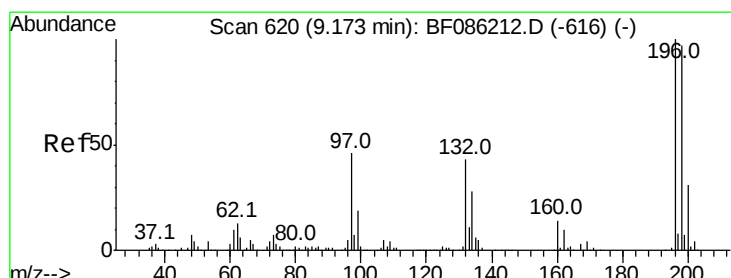
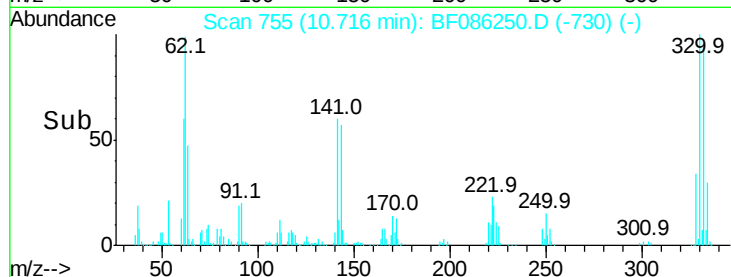
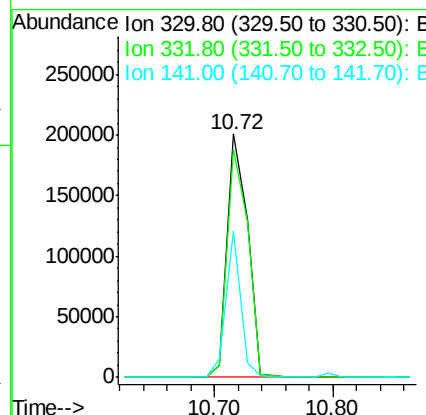
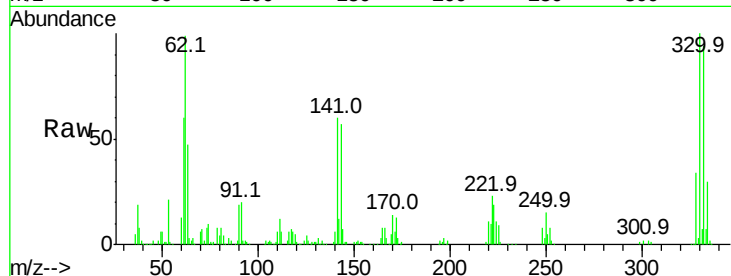
#41
 2,4,6-Tribromophenol
 Concen: 56.60 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleID :
 PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	237754		
332	95.7	78.7	118.1	
141	43.1	28.6	42.8#	

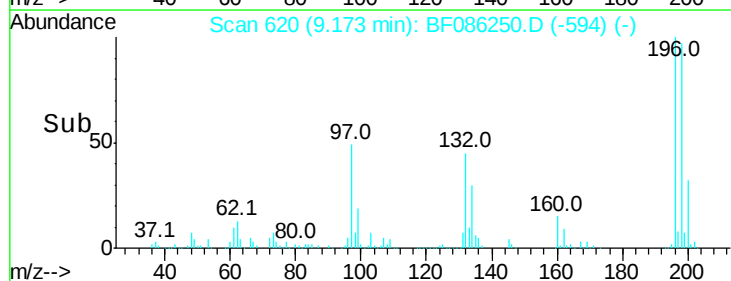
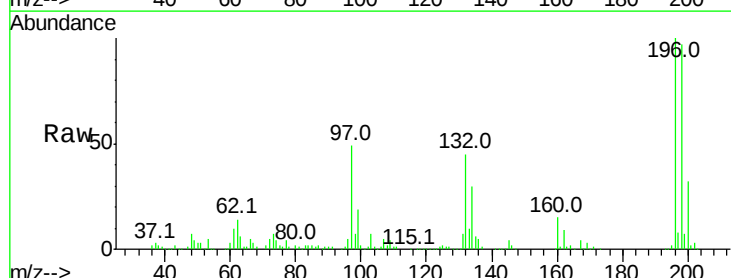
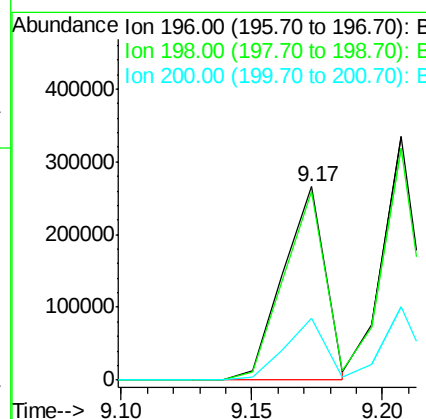
Manual Integrations
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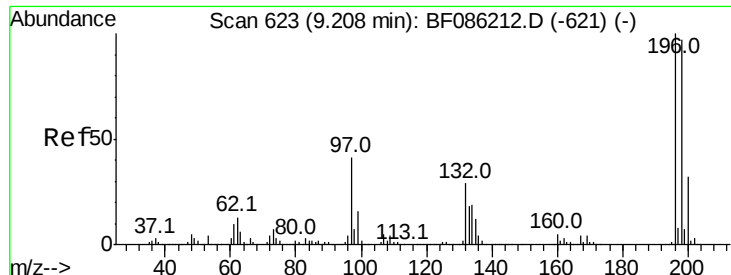
Sohil
 4/18/2016 7:31:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 28.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298280		
198	97.1	76.6	115.0	
200	31.9	25.3	37.9	





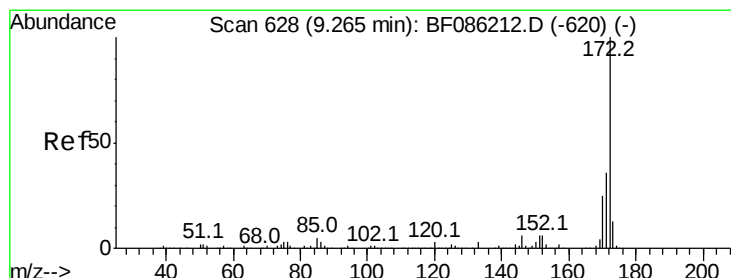
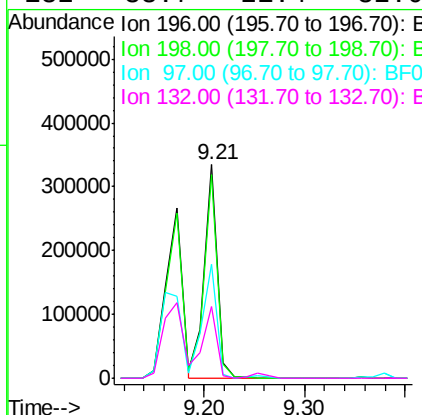
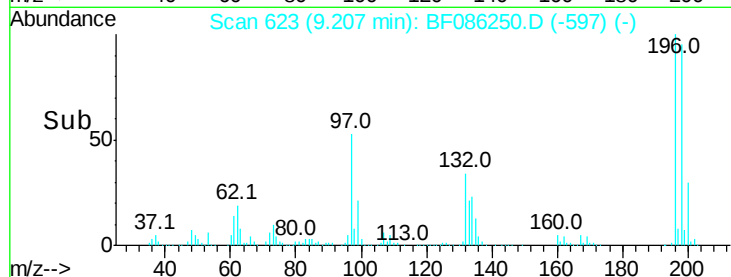
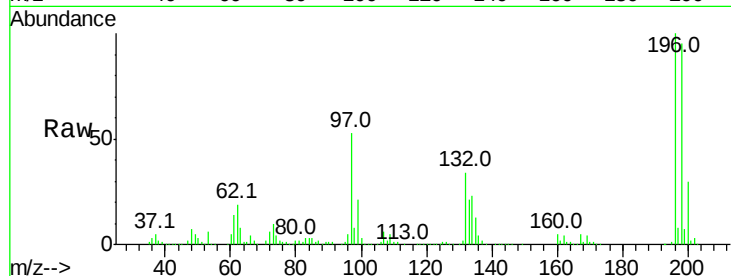
#43
 2,4,5-Trichlorophenol
 Concen: 30.35 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampled :
 PB89850BSD

Manual Integrations
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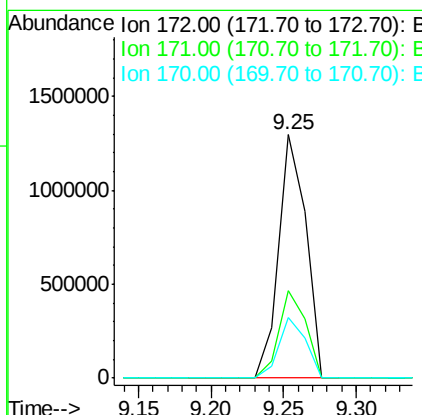
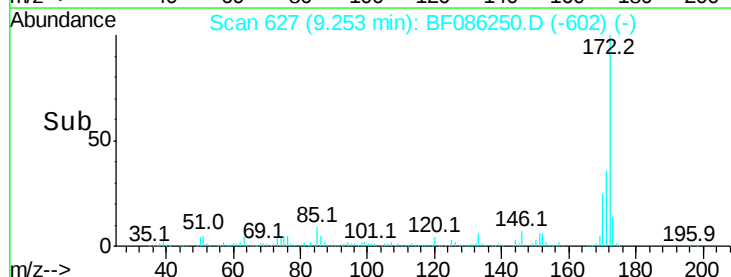
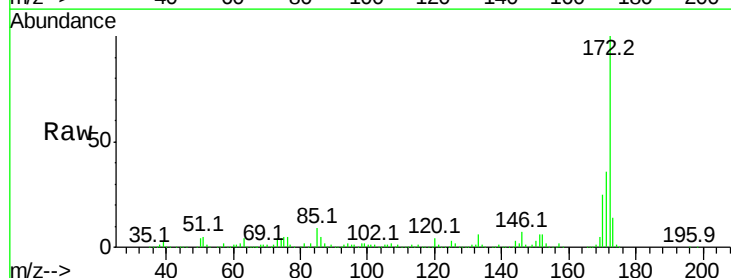
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 4/18/2016 7:31:45 PM

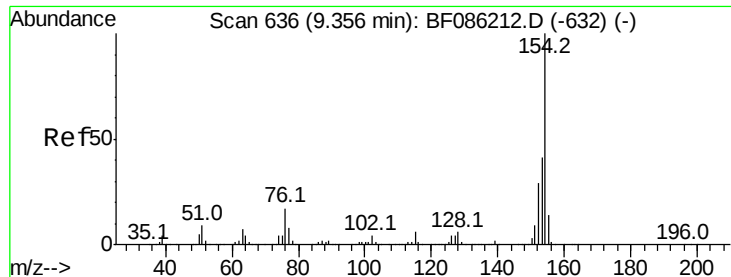
Tot Ion	Ratio	Resp	Lower	Upper
196	100	302136		
198	95.4	77.7	116.5	
97	53.4	32.6	48.8	
132	33.7	21.4	32.0	



#44
 2-Fluorobiphenyl
 Concen: 59.50 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1686755		
171	35.9	29.1	43.7	
170	24.9	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 29.75 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:154 Resp: 1120109

Ion Ratio Lower Upper

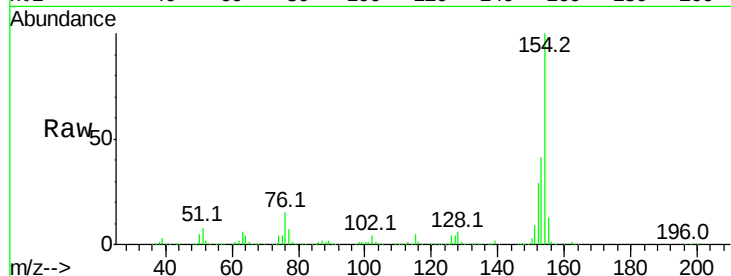
154 100

153 41.4 21.3 61.3

76 15.2 0.0 36.4

Manual Integrations
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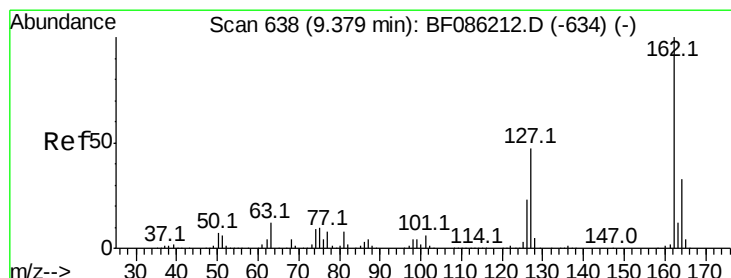
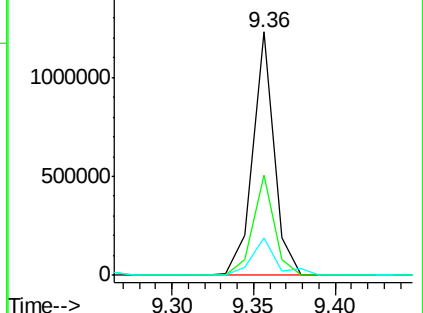
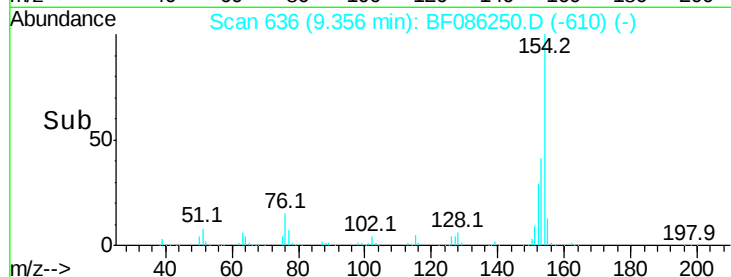
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 28.46 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

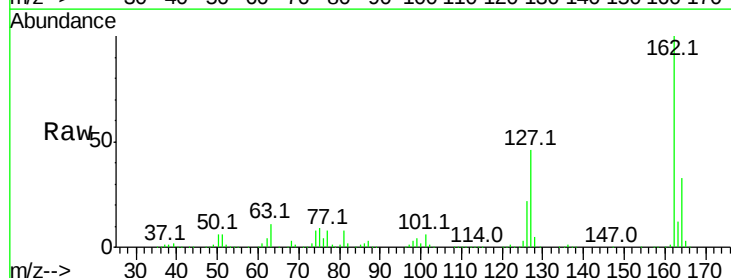
Tgt Ion:162 Resp: 875095

Ion Ratio Lower Upper

162 100

127 45.6 36.7 55.1

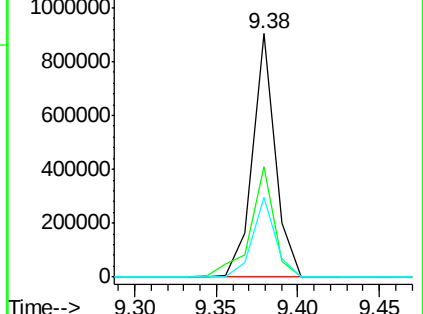
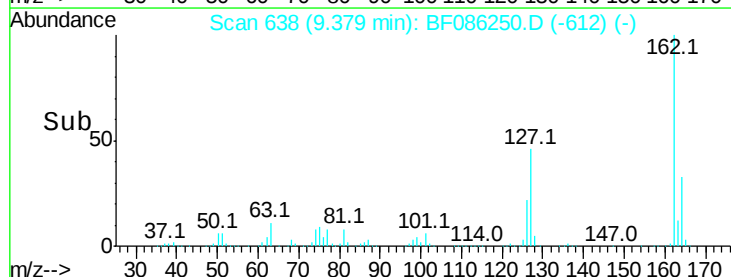
164 32.7 26.4 39.6

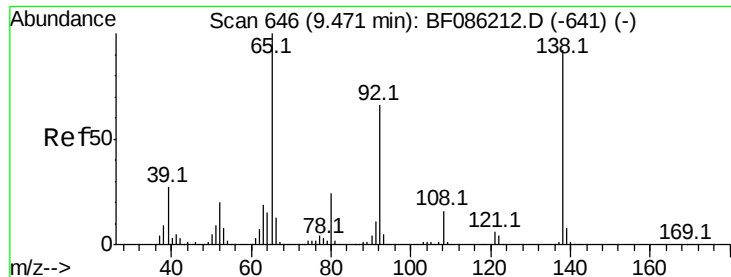


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





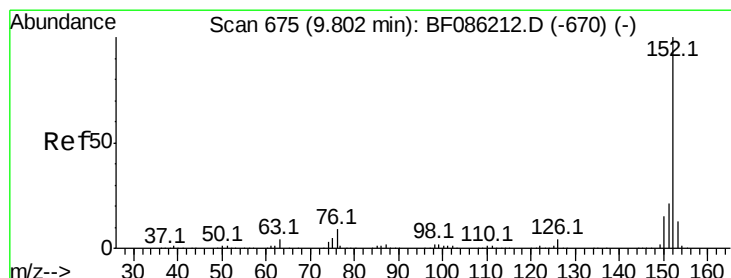
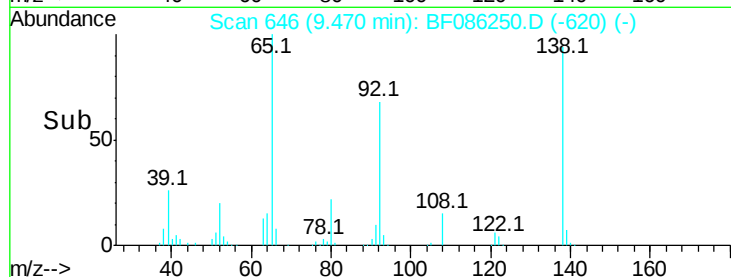
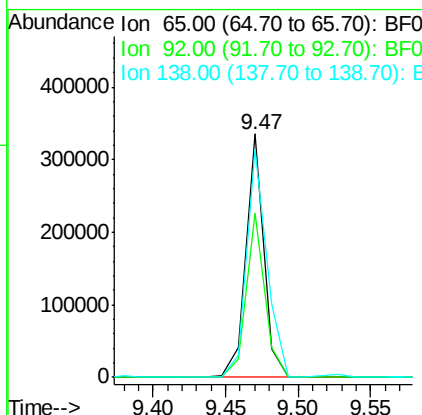
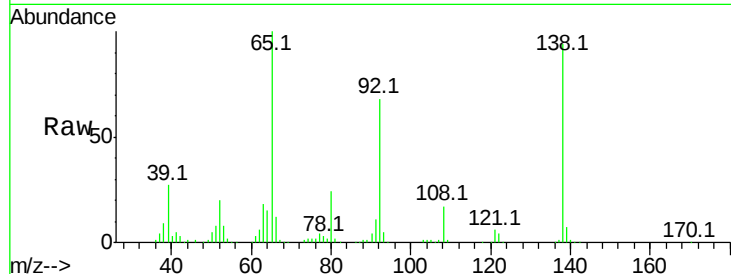
#47
2-Nitroaniline
Concen: 28.85 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.5	51.9	77.9
138	93.8	72.6	108.8

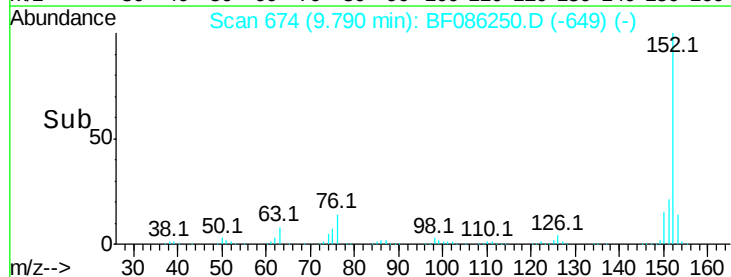
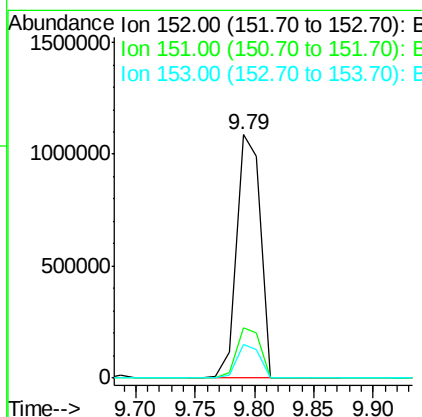
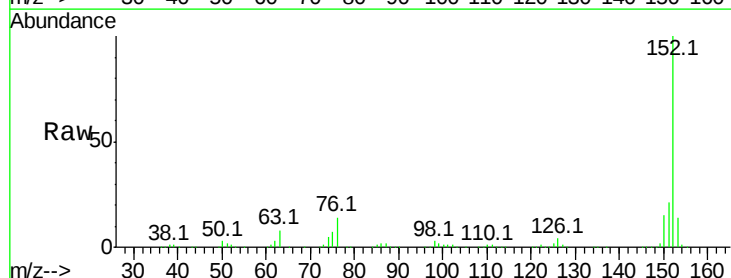
Manual Integrations
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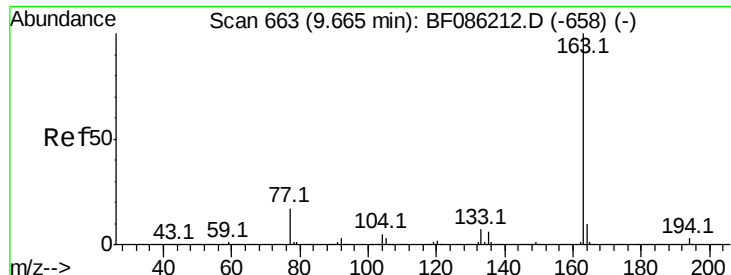
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#48
Acenaphthylene
Concen: 30.93 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	13.7	10.7	16.1





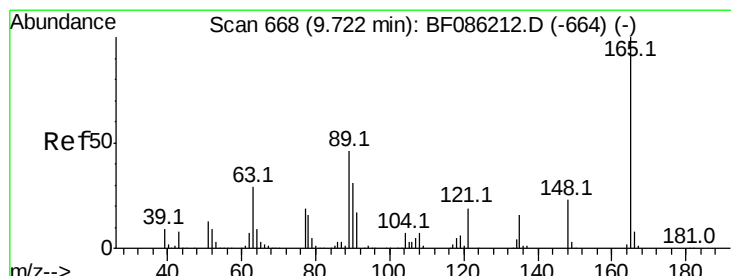
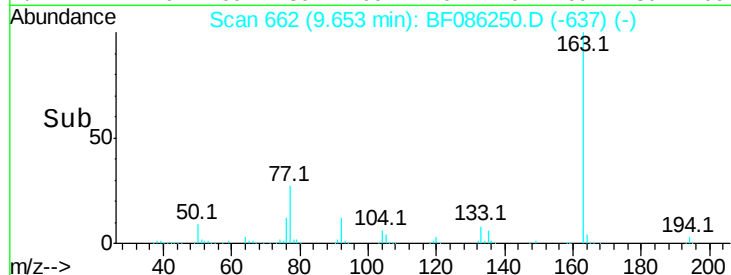
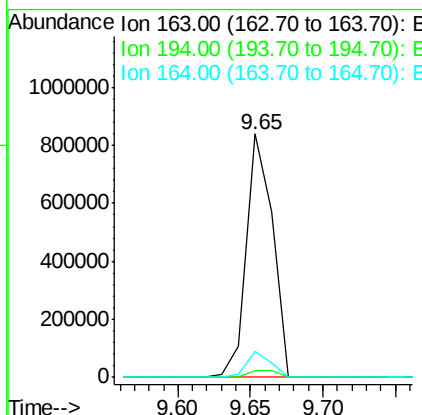
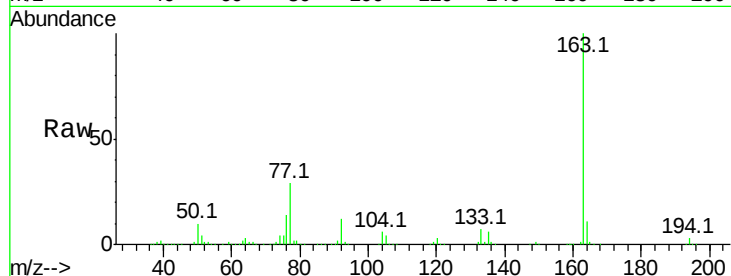
#49
Dimethylphthalate
Concen: 27.57 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion:163 Resp: 1048783
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.6 8.4 12.6

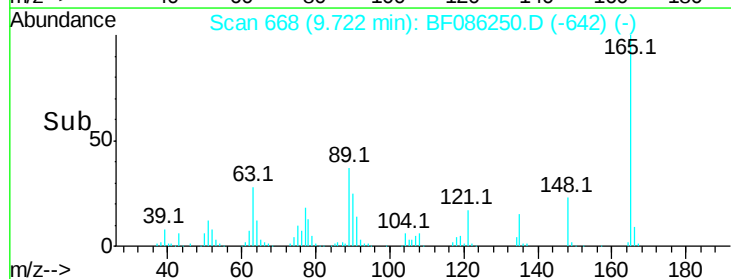
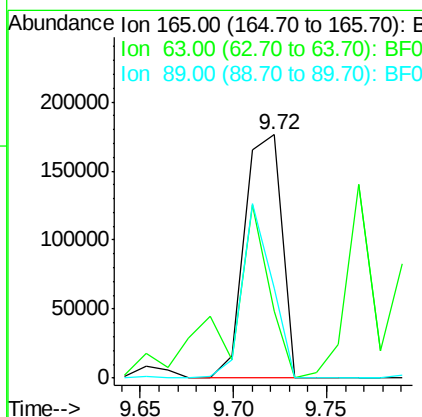
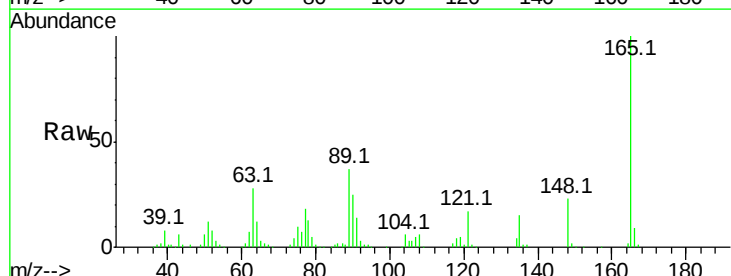
Manual Integrations
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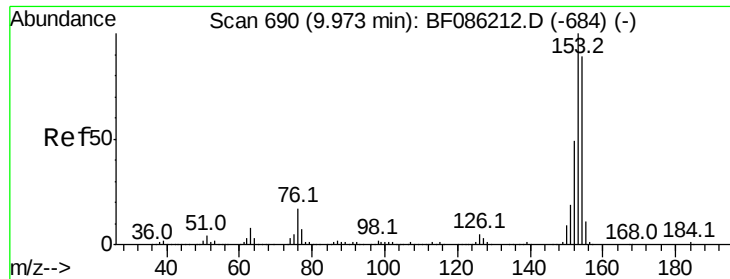
Sohil
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#50
2,6-Dinitrotoluene
Concen: 29.22 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion:165 Resp: 245896
Ion Ratio Lower Upper
165 100
63 27.7 35.1 52.7#
89 36.8 39.8 59.6#





#51

Acenaphthene

Concen: 33.23 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

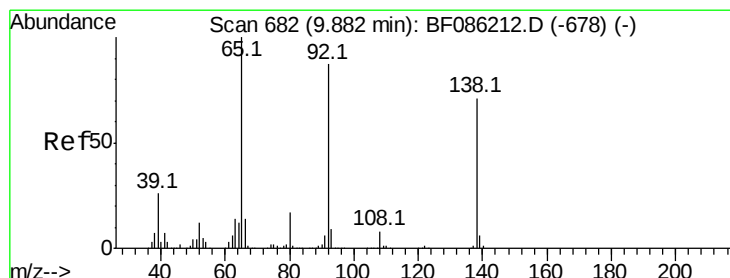
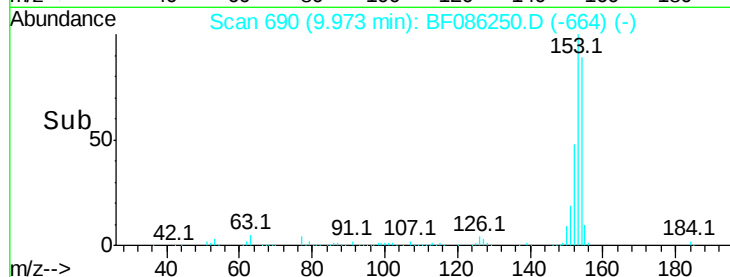
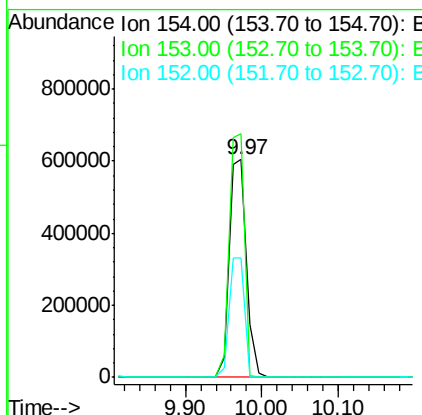
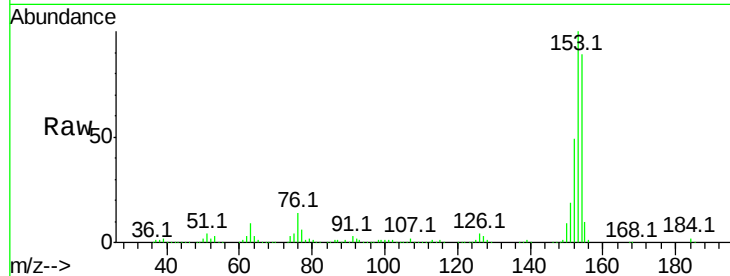
ClientSampleId :

PB89850BSD

Tot Ion:	154	Resp:	971136
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.0	135.0
152	54.9	44.3	66.5

Manual Integrations
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#52

3-Nitroaniline

Concen: 15.20 ng

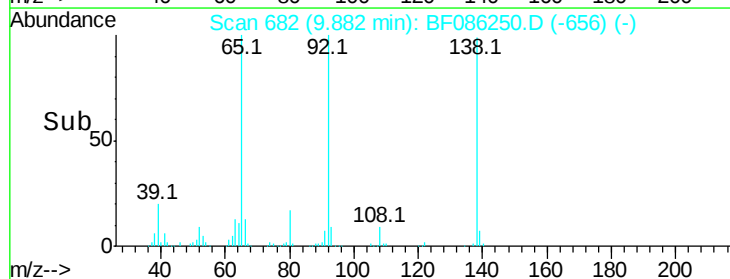
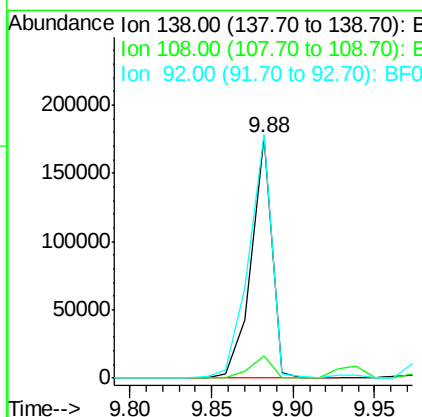
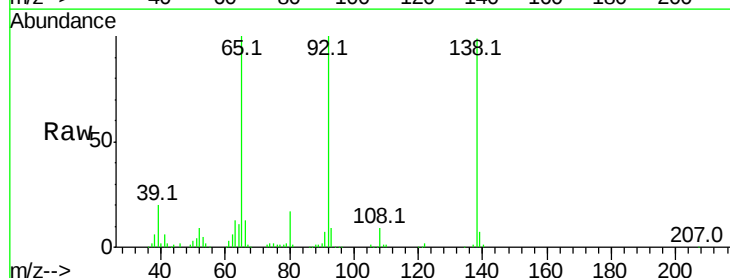
RT: 9.88 min Scan# 682

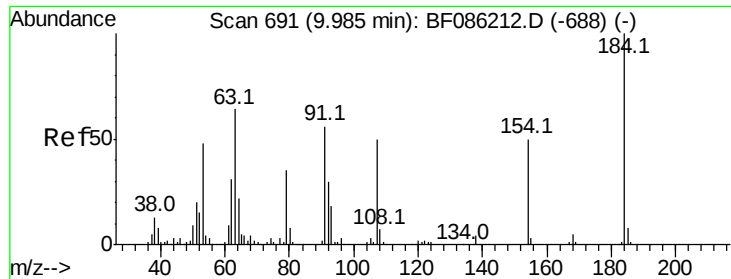
Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion:	138	Resp:	155419
Ion Ratio	Lower	Upper	
138	100		
108	9.2	9.0	13.4
92	101.1	99.3	148.9





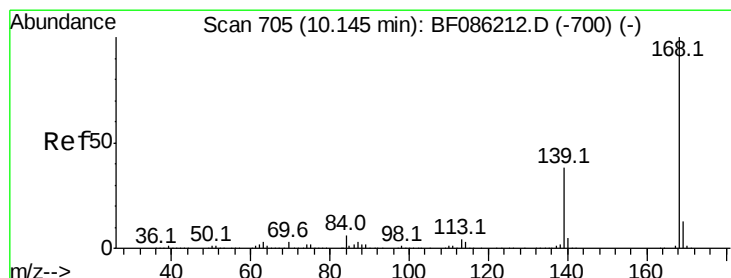
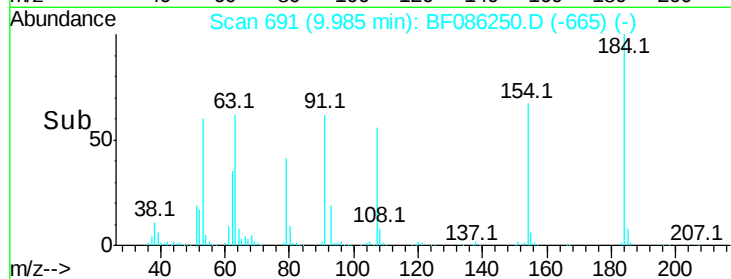
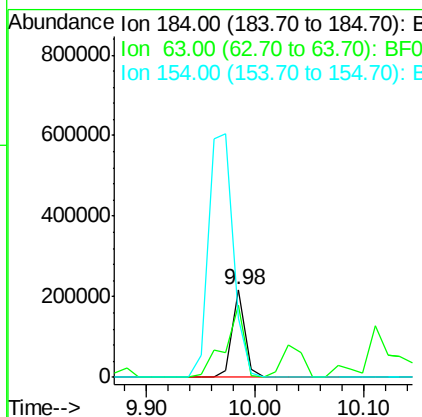
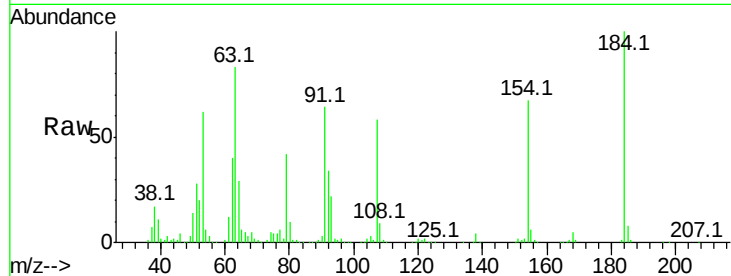
#53
2,4-Dinitrophenol
Concen: 58.03 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	176896		
63	82.8	64.7	97.1	
154	66.8	59.4	89.2	

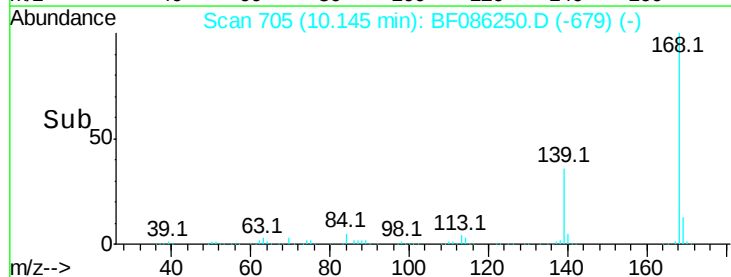
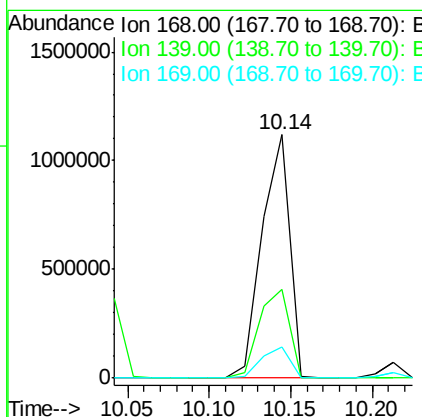
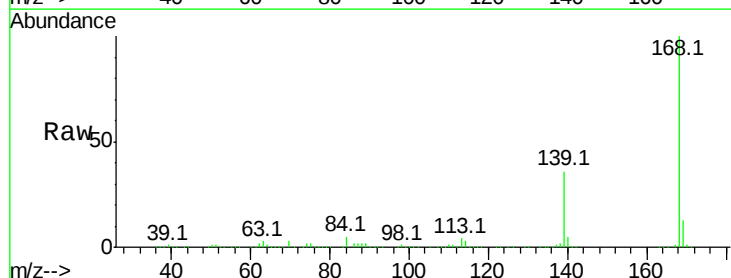
Manual Integrations
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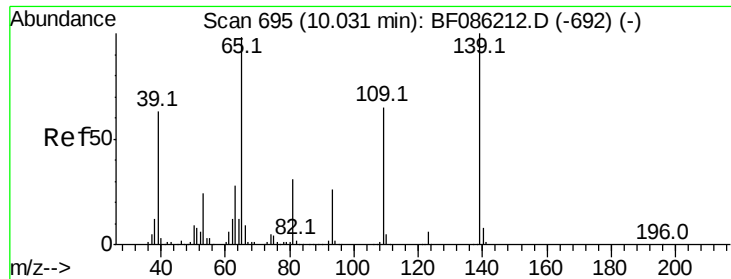
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#54
Dibenzofuran
Concen: 34.21 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1320414		
139	36.2	29.5	44.3	
169	13.0	10.6	16.0	





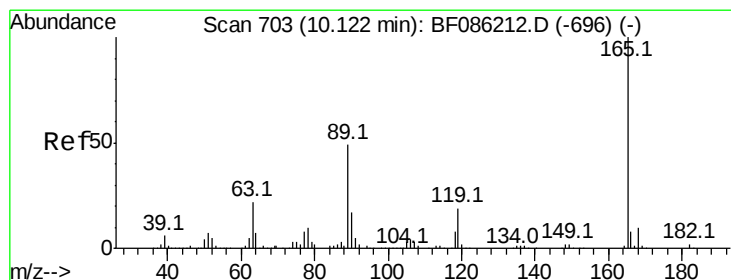
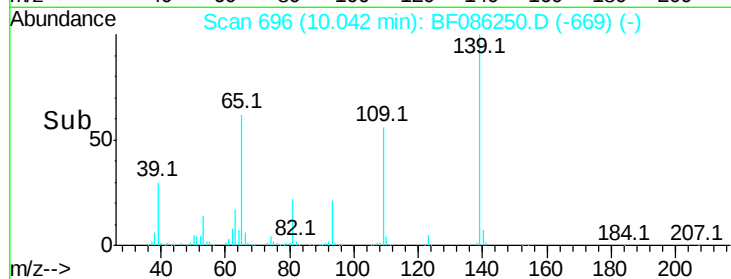
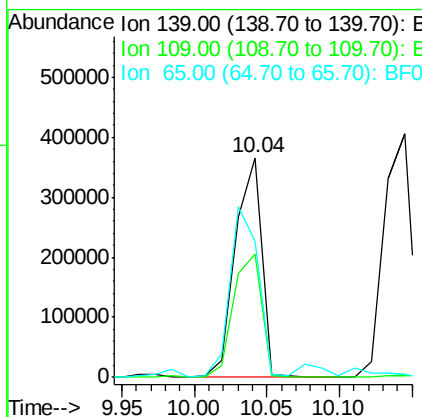
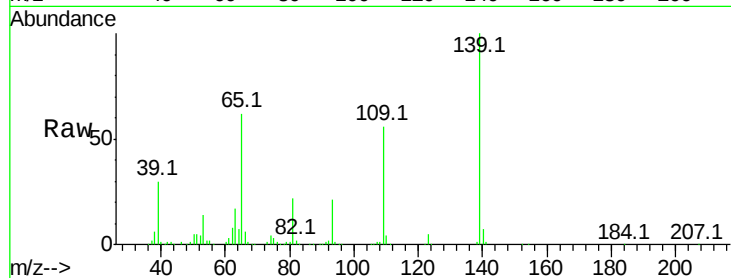
#55
4-Nitrophenol
Concen: 57.63 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	56.3	55.0	95.0
65	61.7	87.3	127.3

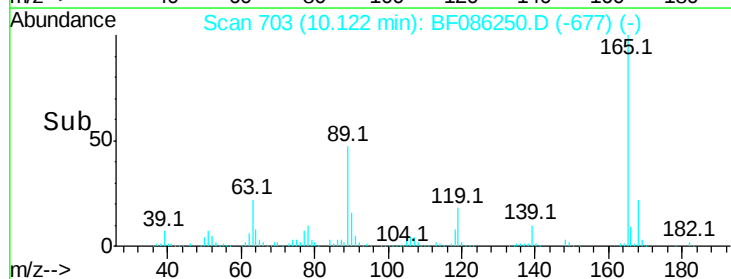
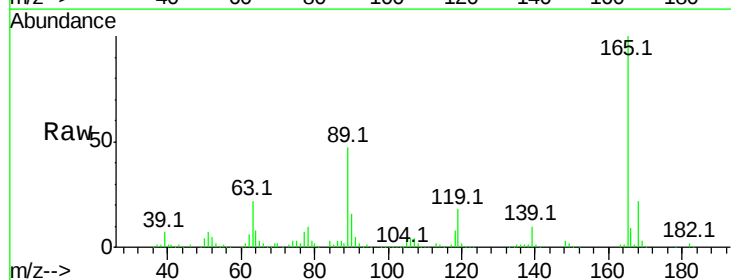
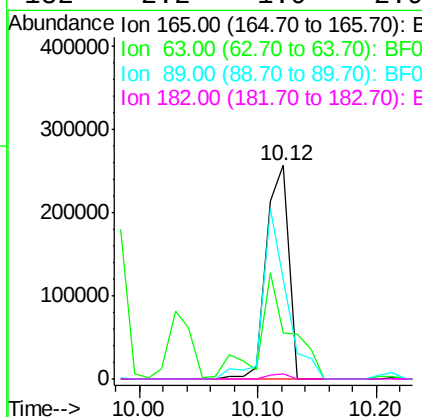
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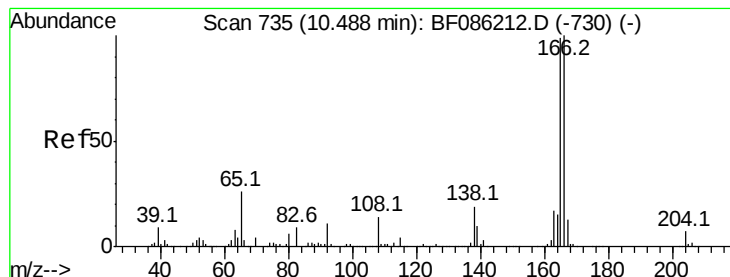
Sohil
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#56
2,4-Dinitrotoluene
Concen: 31.32 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	21.8	26.6	40.0
89	47.0	49.5	74.3
182	2.2	1.9	2.9





#57

Fluorene

Concen: 29.94 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

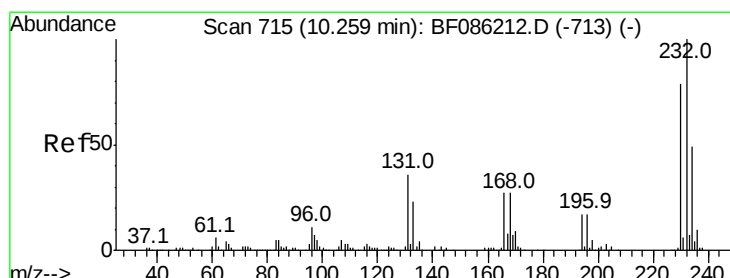
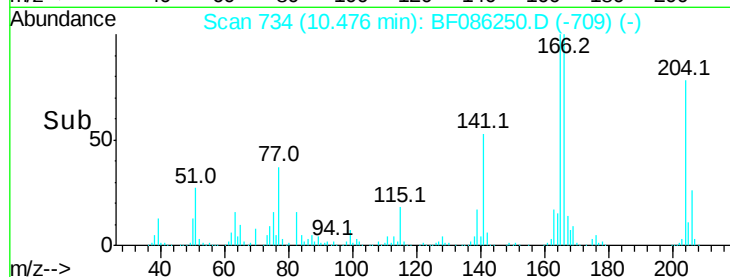
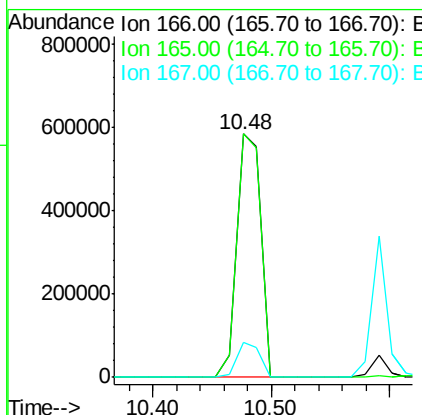
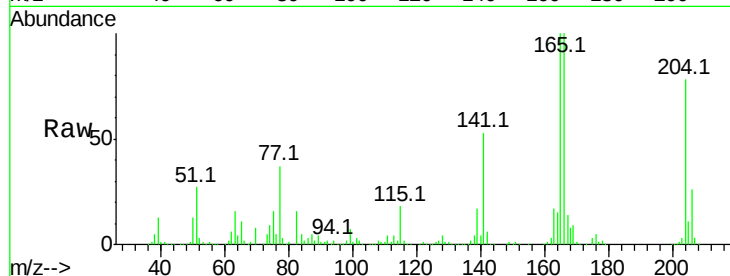
ClientSampleId :

PB89850BSD

Tot Ion:	166	Resp:	822170
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.6	117.8
167	14.2	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 31.84 ng

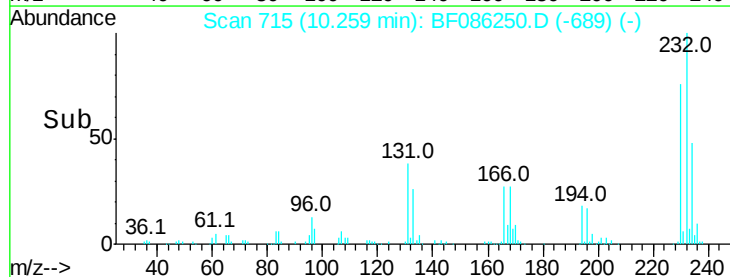
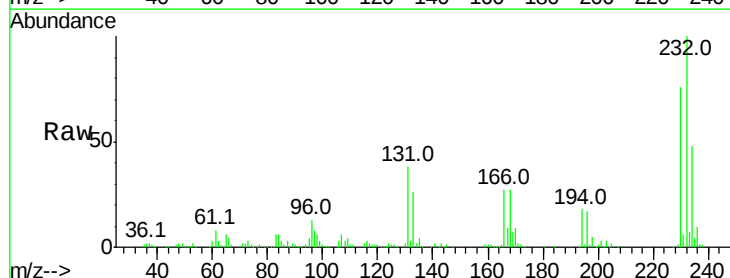
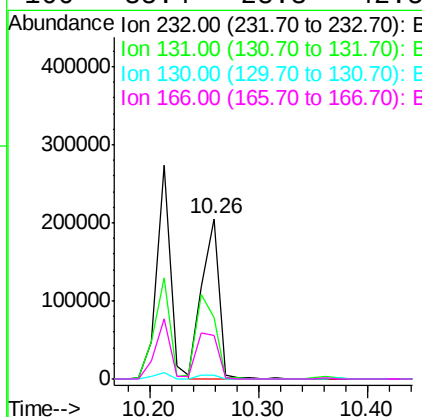
RT: 10.26 min Scan# 715

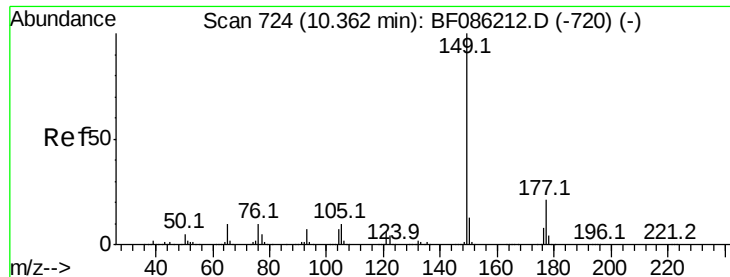
Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion:	232	Resp:	230205
Ion Ratio	Lower	Upper	
232	100		
131	58.6	46.6	70.0
130	3.0	2.5	3.7
166	35.4	28.3	42.5





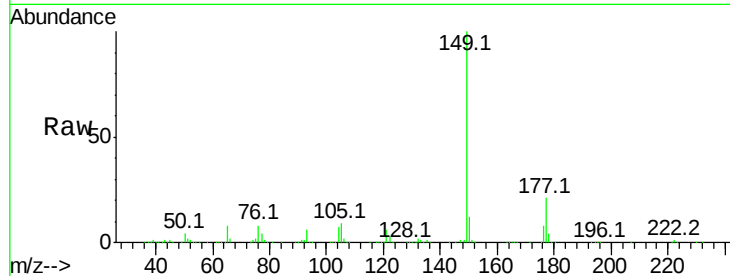
#59
Diethylphthalate
Concen: 29.27 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampled :
PB89850BSD

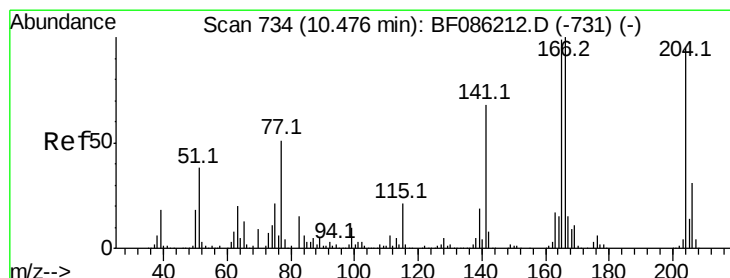
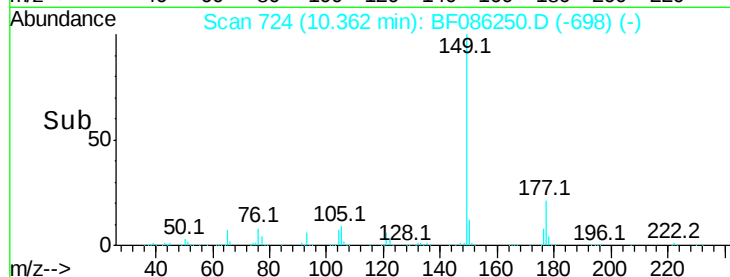
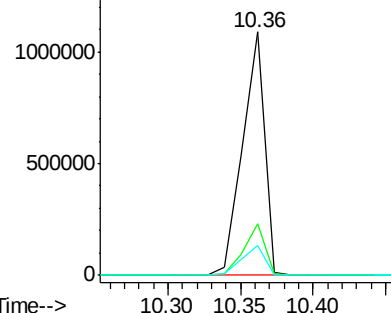
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	12.4	10.2	15.4

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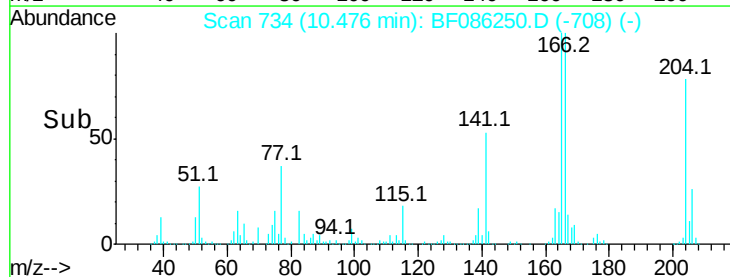
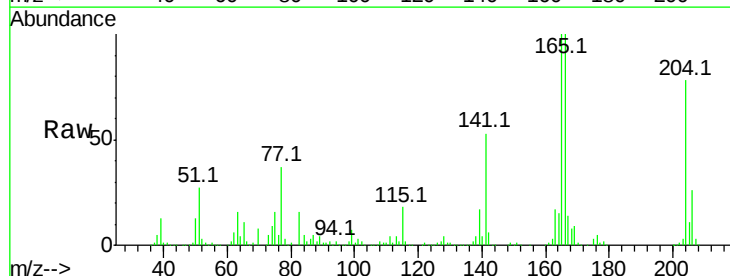
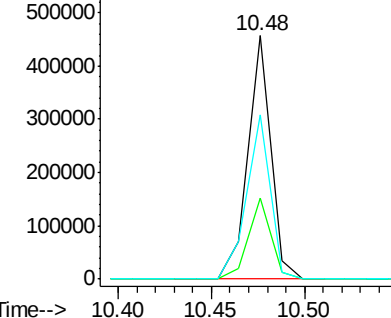
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

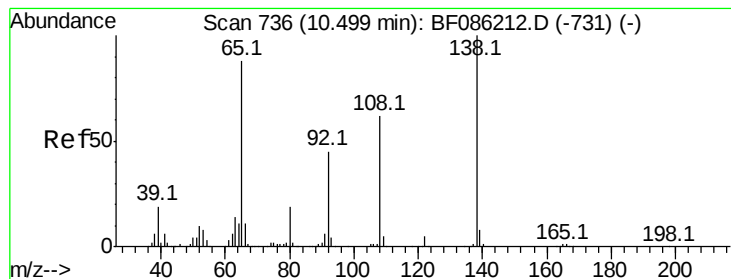


#60
4-Chlorophenyl-phenylether
Concen: 32.85 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	67.7	55.4	83.0

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





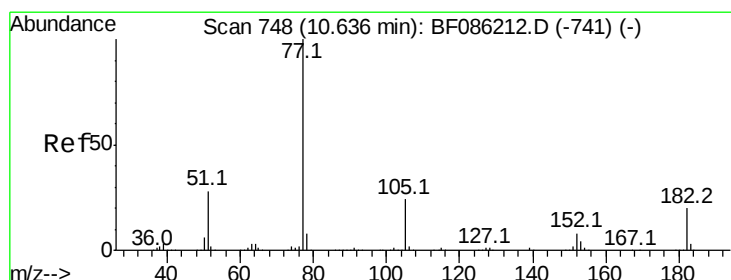
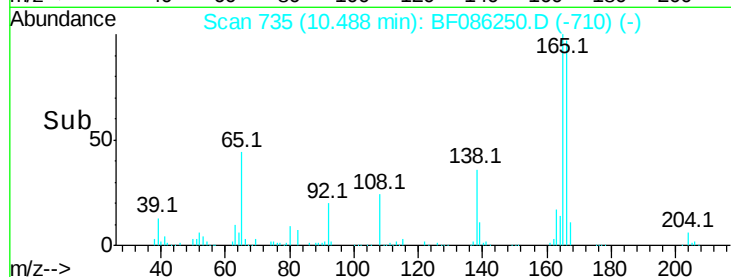
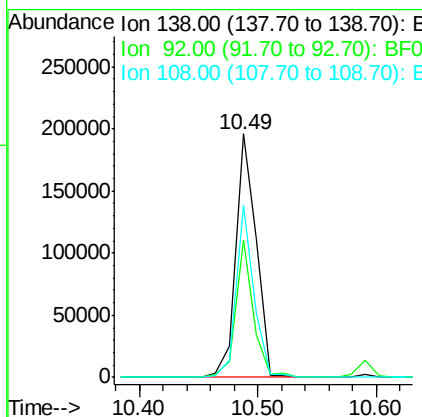
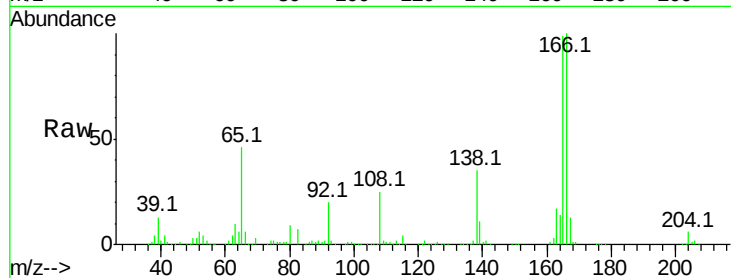
#61
4-Nitroaniline
Concen: 26.40 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampled :
PB89850BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.2	31.9	71.9
108	70.6	58.7	98.7

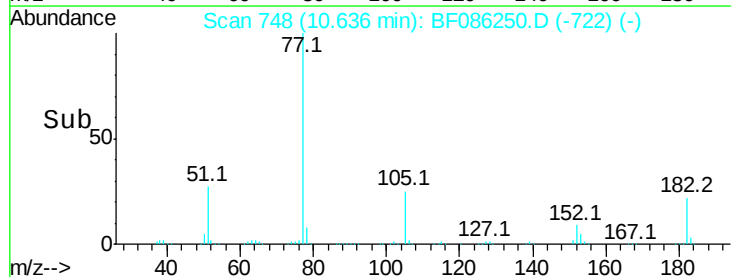
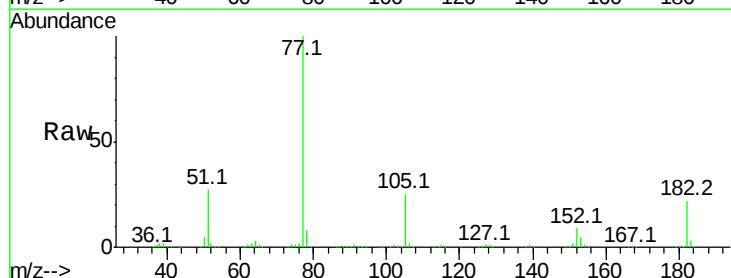
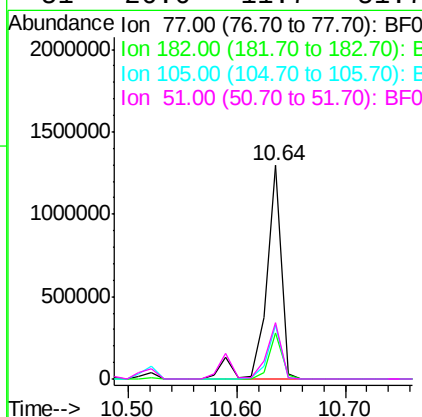
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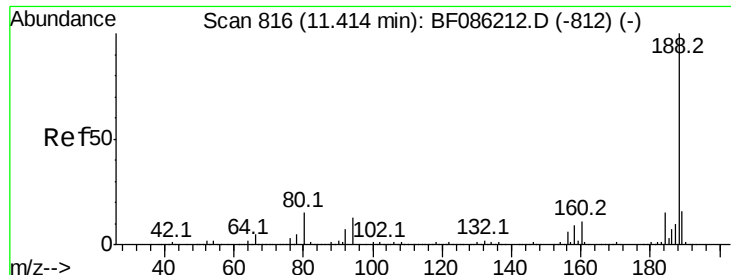
Sohil
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#62
Azobenzene
Concen: 33.48 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	2.3	42.3
105	24.9	3.4	43.4
51	26.6	11.7	51.7





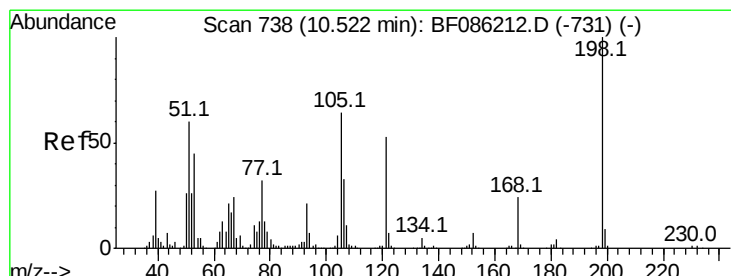
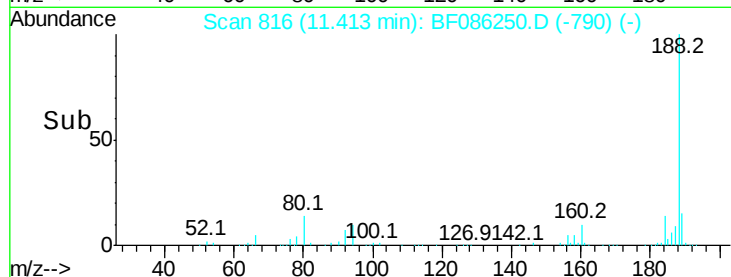
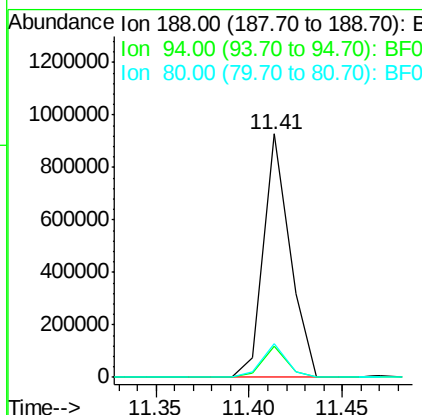
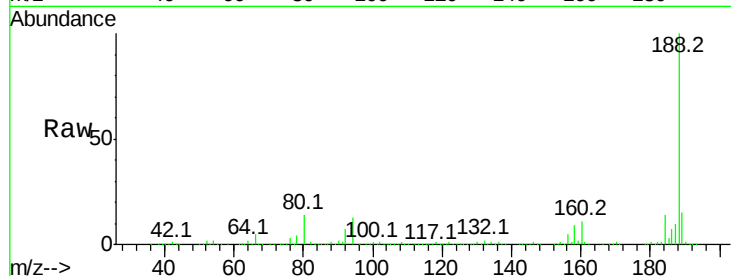
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.8	9.8	14.8
80	13.9	10.5	15.7

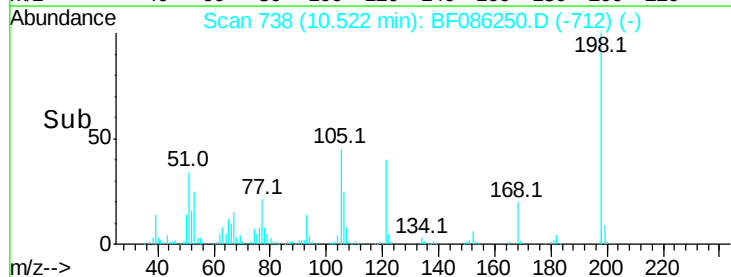
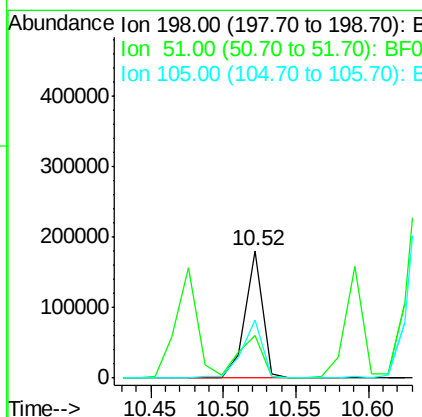
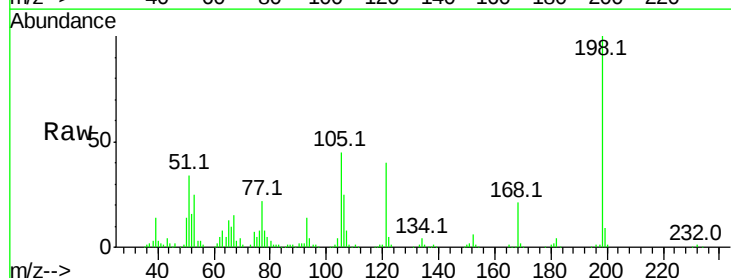
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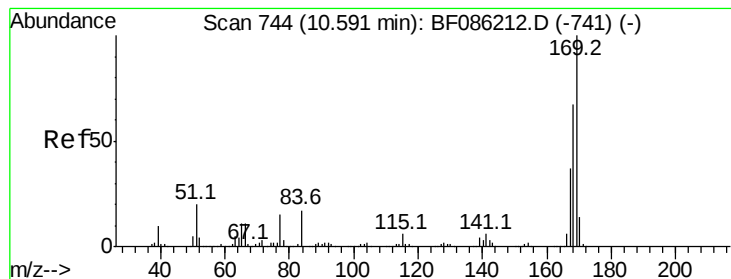
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.94 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.7	56.5	96.5#
105	45.3	48.0	88.0#





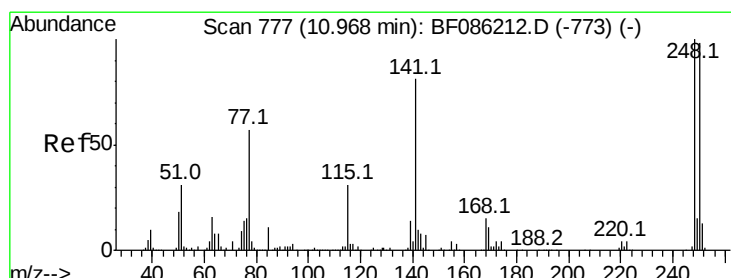
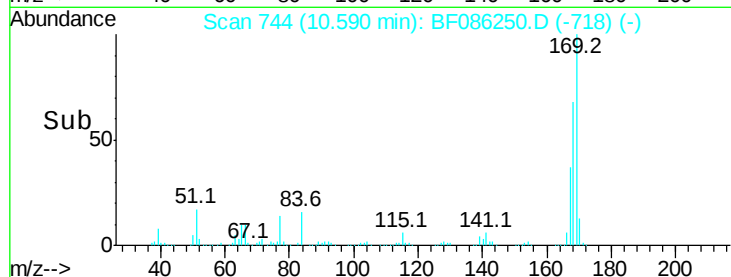
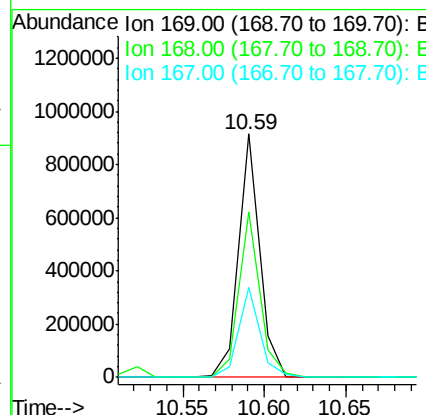
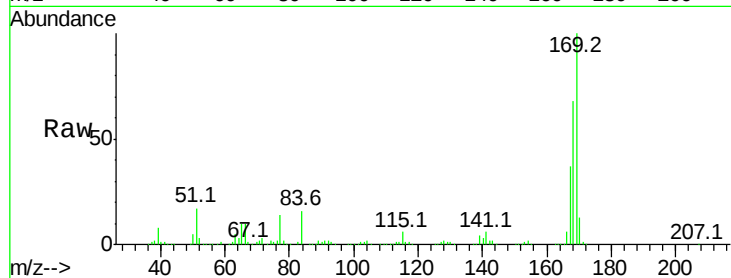
#65
 n-Nitrosodiphenylamine
 Concen: 29.13 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	813978		
168	67.9		54.3	81.5
167	36.9		30.2	45.2

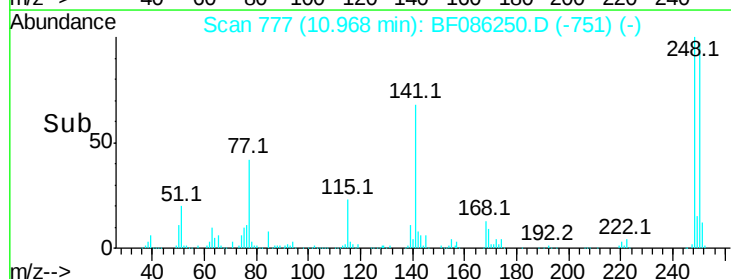
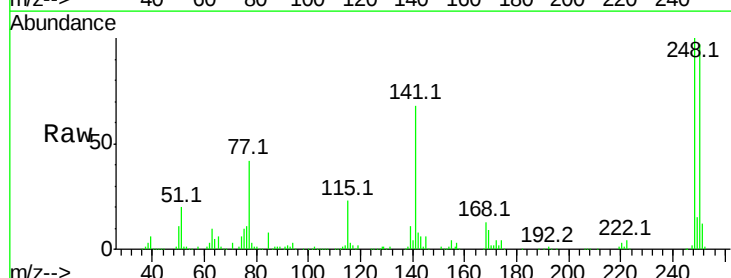
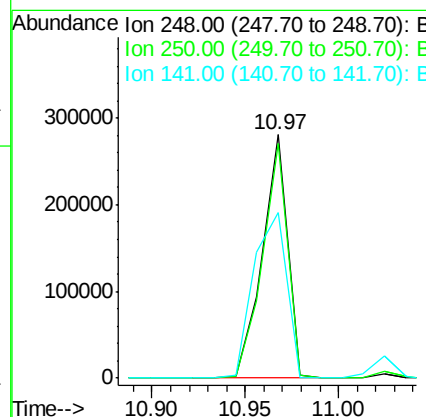
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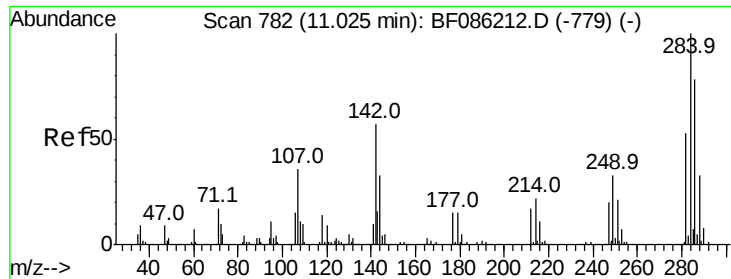
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#66
 4-Bromophenyl-phenylether
 Concen: 30.63 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	260467		
250	96.6		78.6	118.0
141	68.1		57.9	86.9





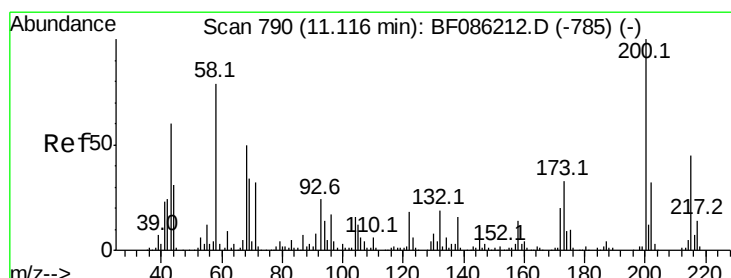
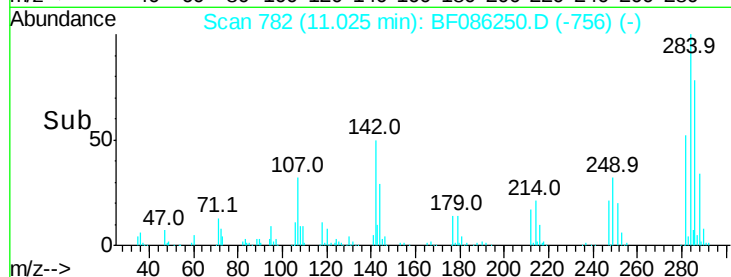
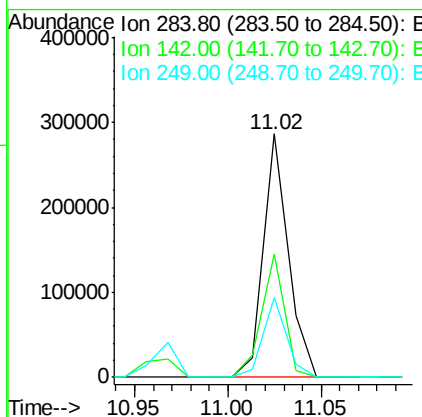
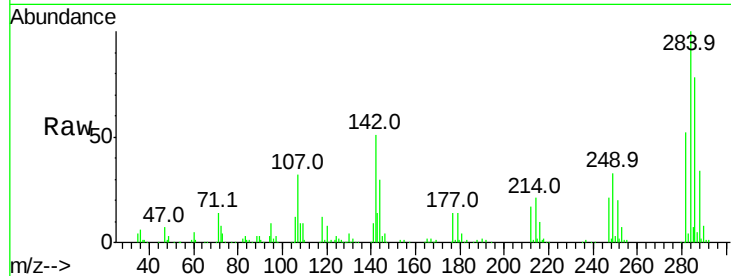
#67
Hexachlorobenzene
Concen: 29.54 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	50.8	42.6	64.0
249	32.8	25.9	38.9

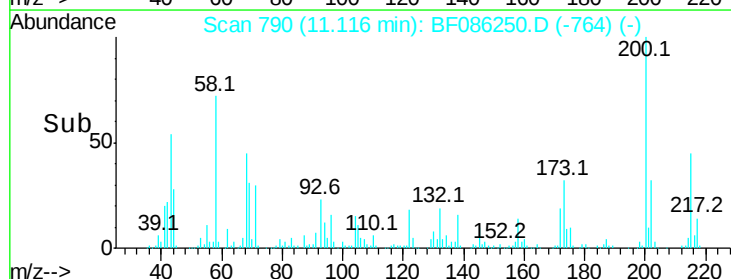
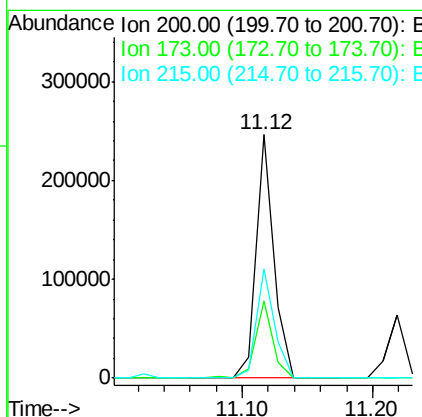
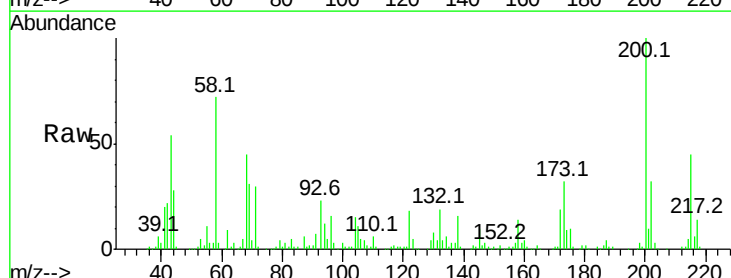
Manual Integrations
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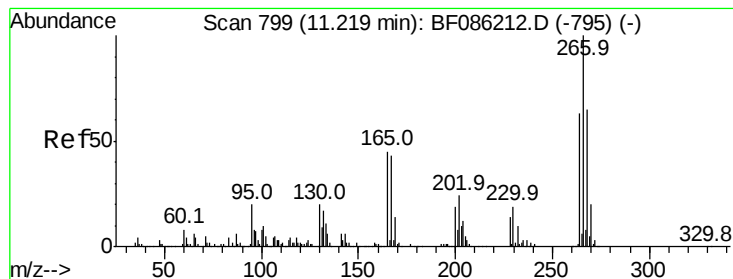
Sohil
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#68
Atrazine
Concen: 27.35 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	31.6	11.2	51.2
215	44.6	24.0	64.0





#69

Pentachlorophenol

Concen: 51.88 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

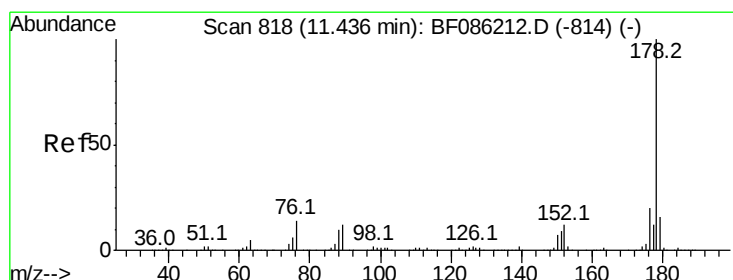
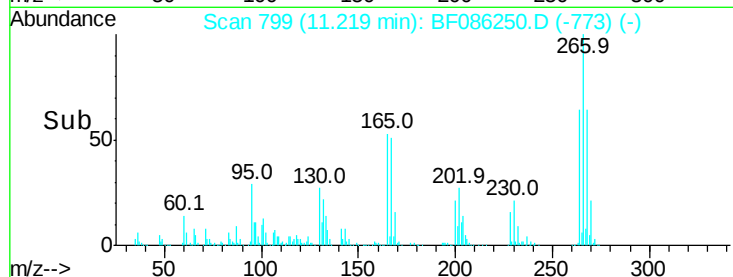
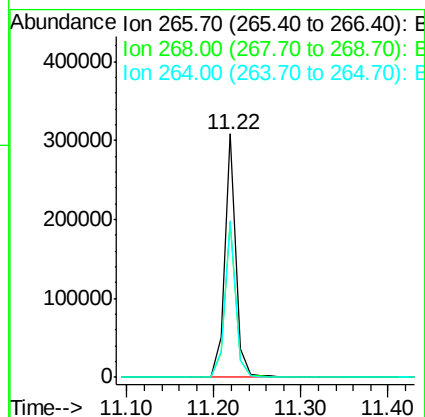
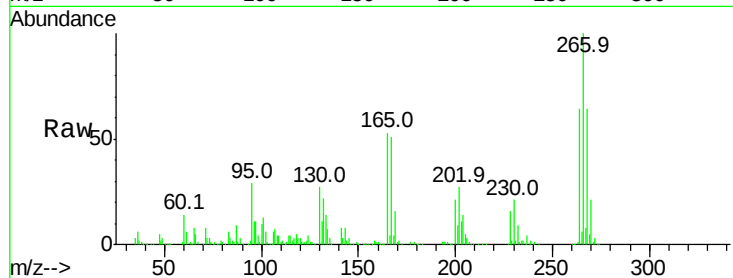
ClientSampleId :

PB89850BSD

Tot Ion:	266	Resp:	280309
Ion Ratio	Lower	Upper	
266	100		
268	63.5	53.0	79.4
264	64.3	51.3	76.9

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#70

Phenanthrene

Concen: 30.51 ng

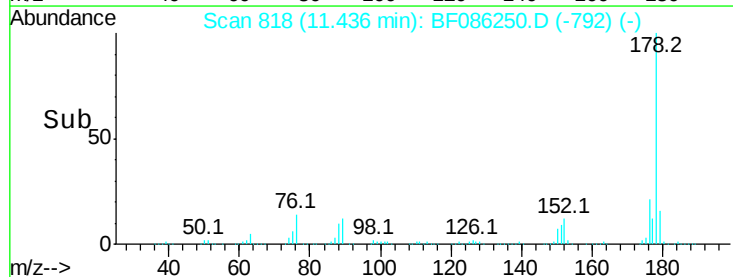
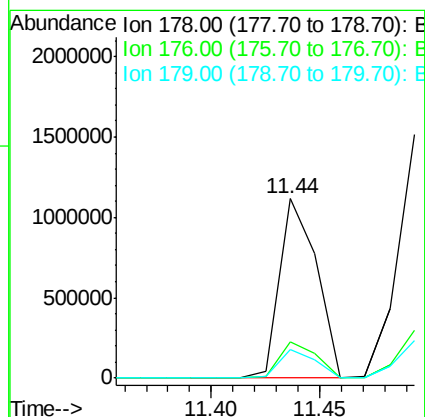
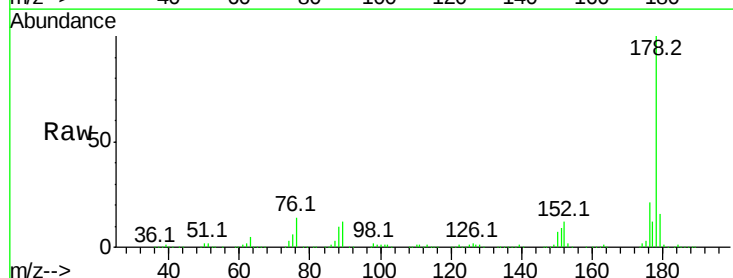
RT: 11.44 min Scan# 818

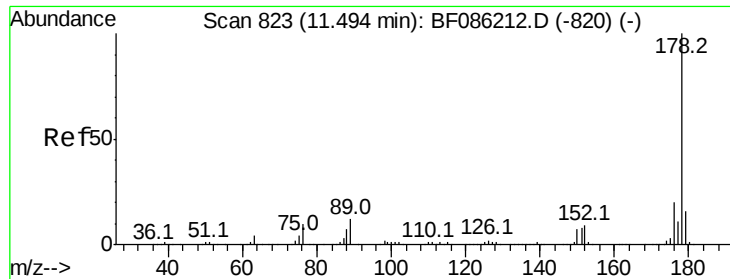
Delta R.T. 0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion:	178	Resp:	1329397
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.3	24.5
179	16.2	13.0	19.6





#71
 Anthracene
 Concen: 29.43 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

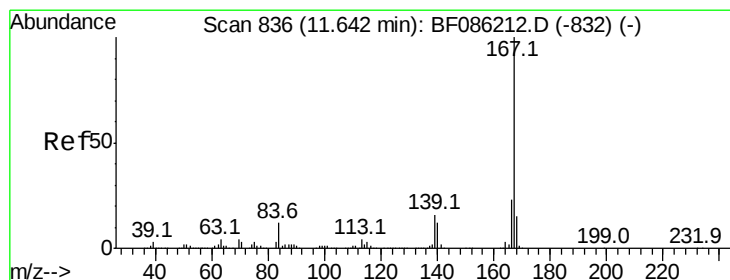
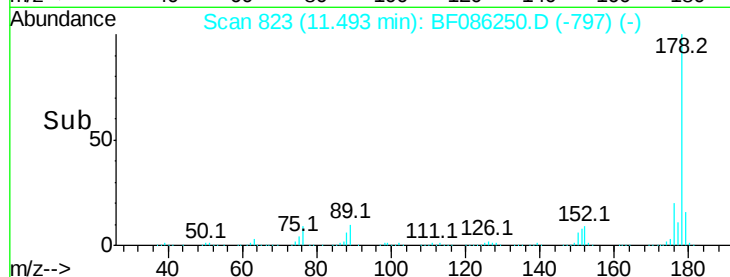
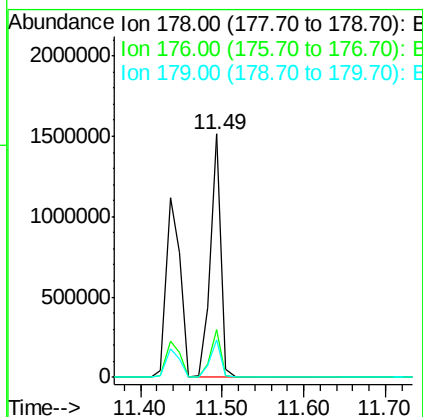
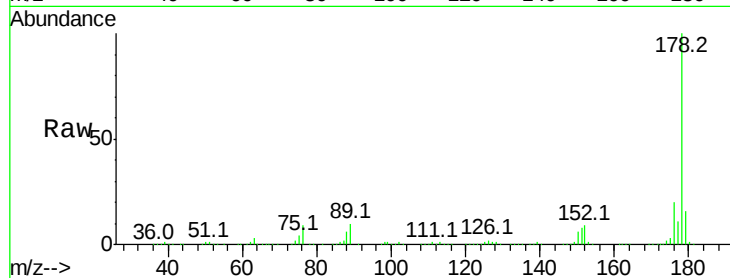
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion:178 Resp: 1385586

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.7	13.2	19.8

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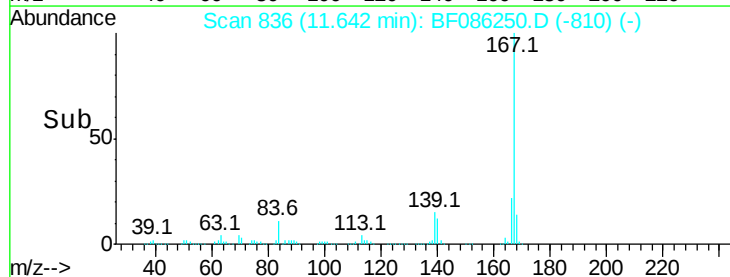
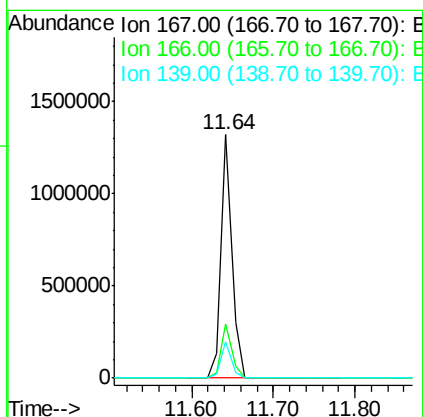
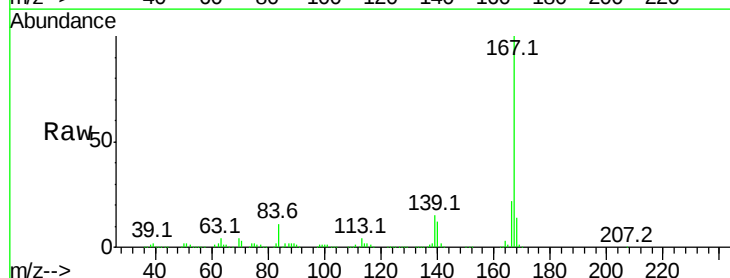
Sohil
 4/18/2016 7:31:45 PM

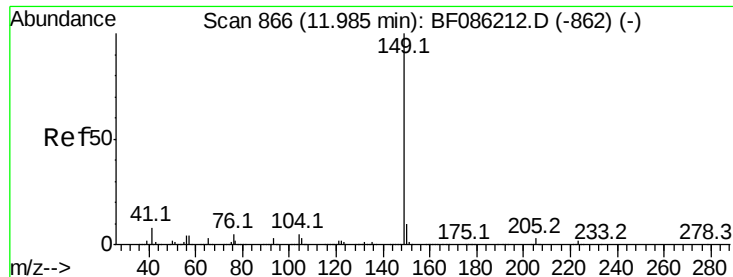


#72
 Carbazole
 Concen: 29.27 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion:167 Resp: 1213188

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	15.1	12.3	18.5





#73

Di-n-butylphthalate

Concen: 30.00 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleID :

PB89850BSD

Tot Ion:149 Resp: 1681120

Ion Ratio Lower Upper

149 100

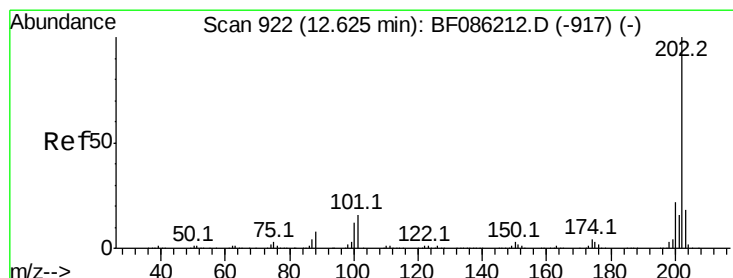
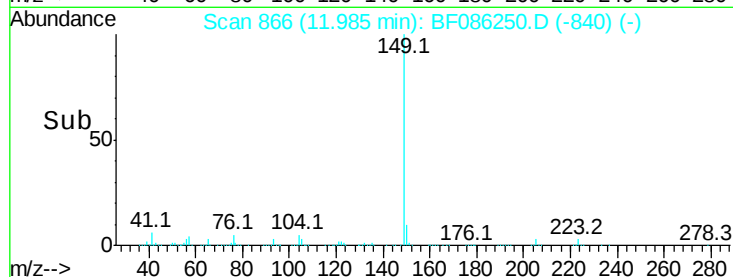
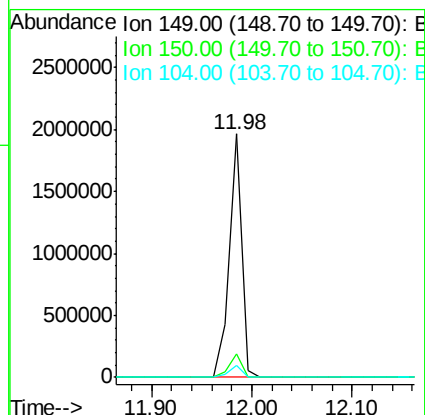
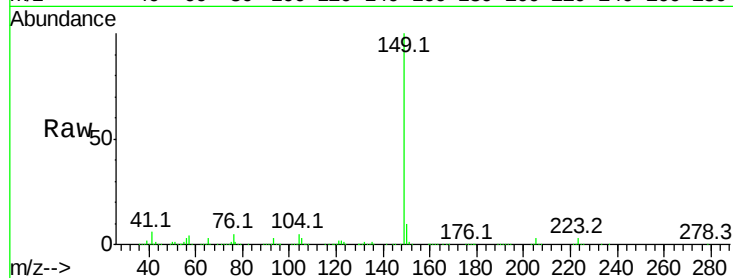
150 9.6 7.8 11.8

104 4.9 4.1 6.1

Manual Integrations
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#74

Fluoranthene

Concen: 32.30 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

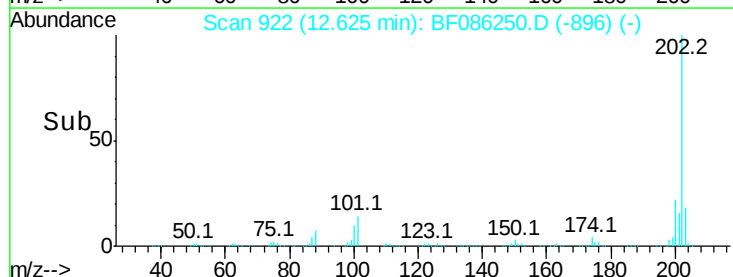
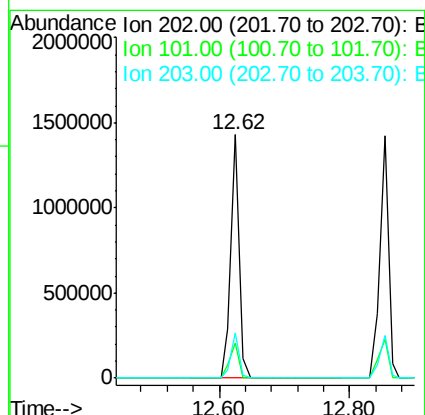
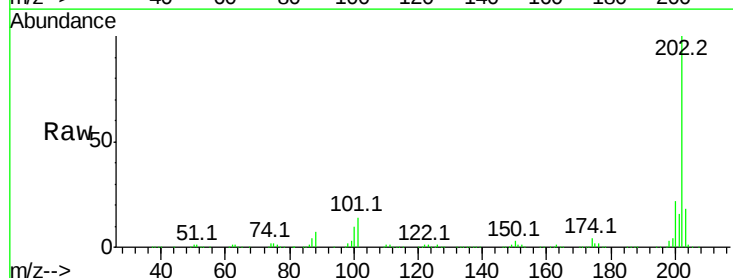
Tgt Ion:202 Resp: 1271175

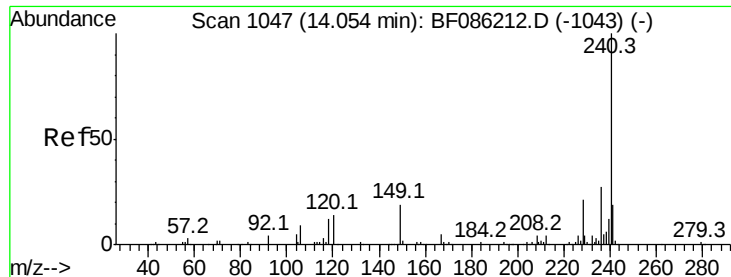
Ion Ratio Lower Upper

202 100

101 14.2 0.0 35.2

203 18.3 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

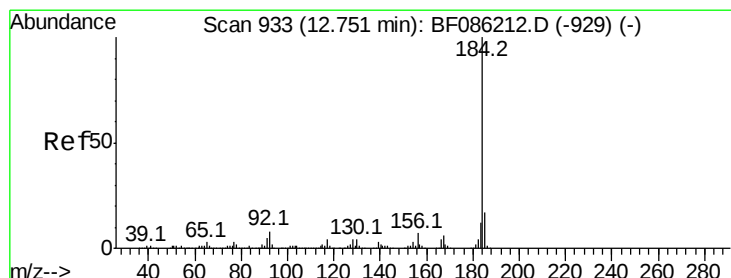
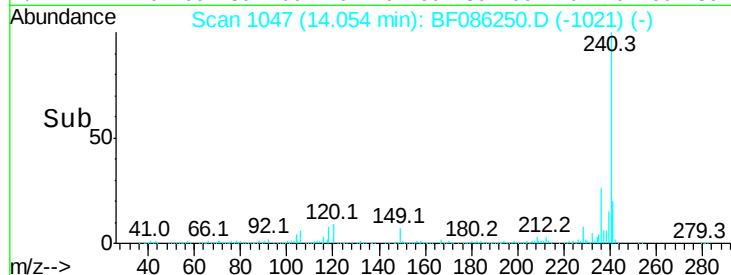
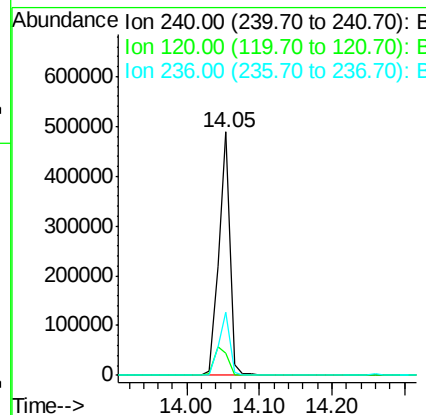
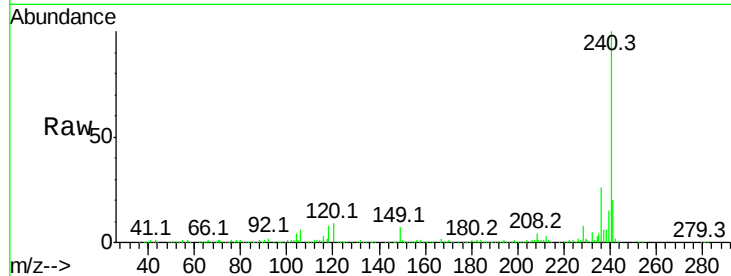
ClientSampleId :

PB89850BSD

Tot Ion:	240	Resp:	514100
Ion Ratio		Lower	Upper
240	100		
120	9.3	9.3	13.9
236	26.0	21.1	31.7

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#76

Benzidine

Concen: 17.35 ng

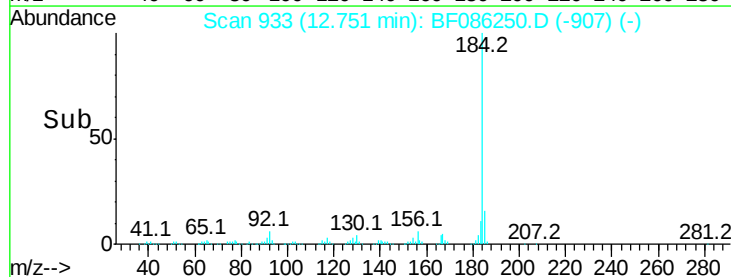
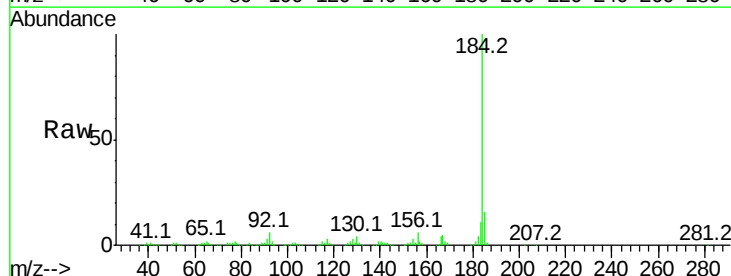
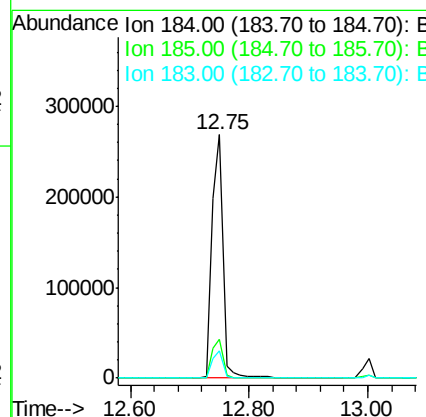
RT: 12.75 min Scan# 933

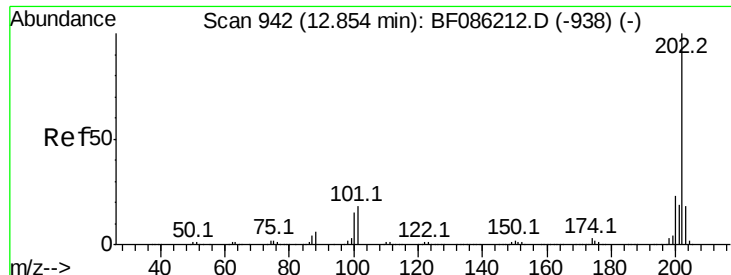
Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion:	184	Resp:	346016
Ion Ratio		Lower	Upper
184	100		
185	15.8	14.2	21.2
183	11.0	9.8	14.6





#77

Pvrene

Concen: 33.16 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

ClientSampleId :

PB89850BSD

Tot Ion:202 Resp: 1307978

Ion Ratio Lower Upper

202 100

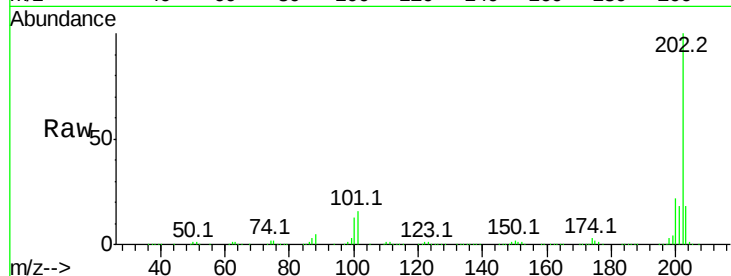
200 22.5 18.3 27.5

203 17.8 14.9 22.3

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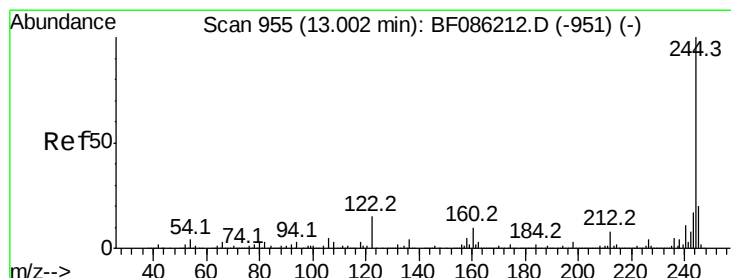
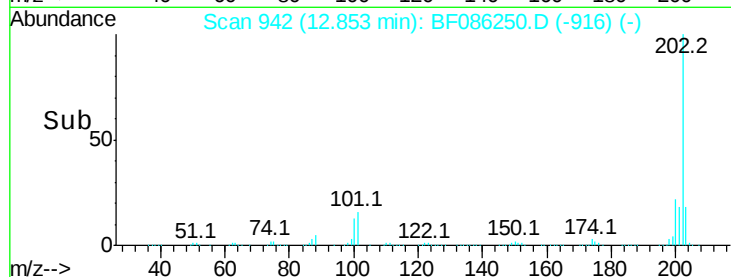
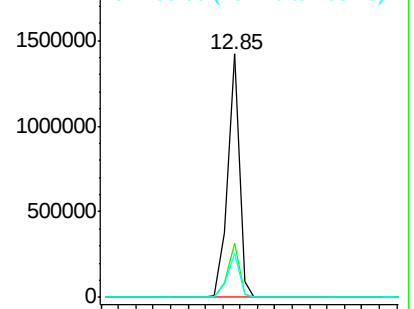
4/18/2016 7:31:45 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.04 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

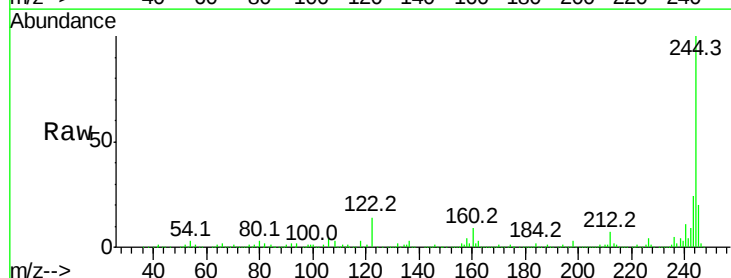
Tgt Ion:244 Resp: 1350283

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

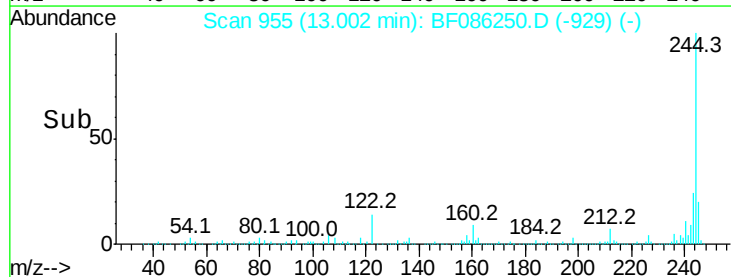
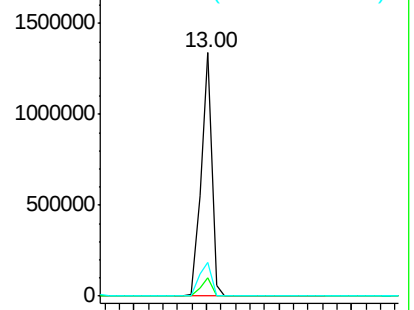
122 13.7 11.7 17.5

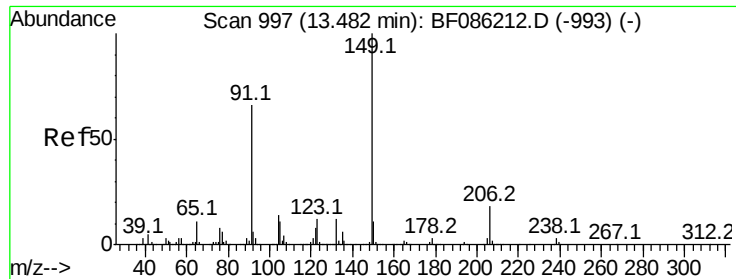


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





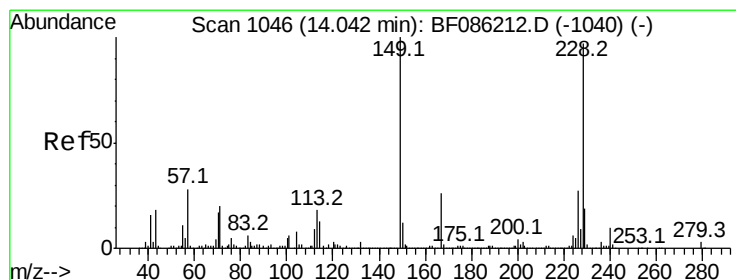
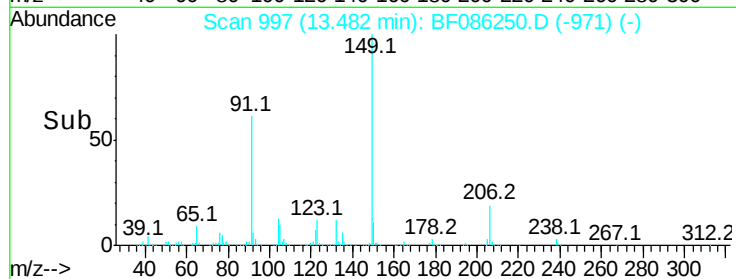
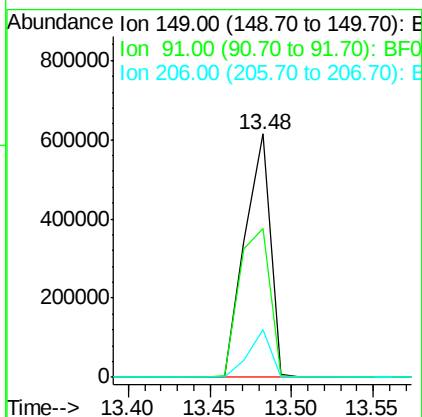
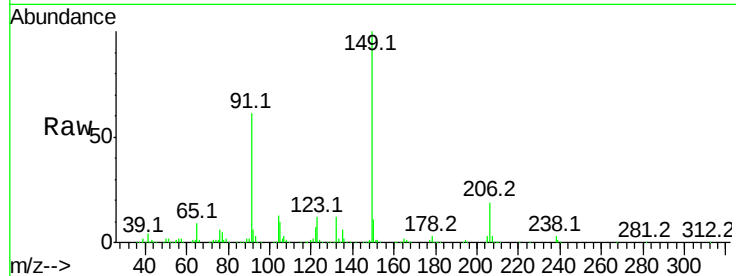
#79
Butylbenzylphthalate
Concen: 36.54 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	665717		
91	61.1		48.7	73.1
206	19.5		15.7	23.5

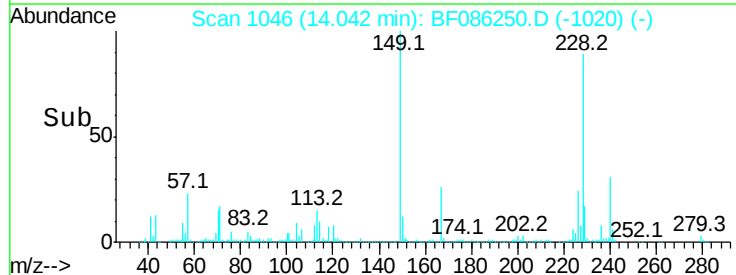
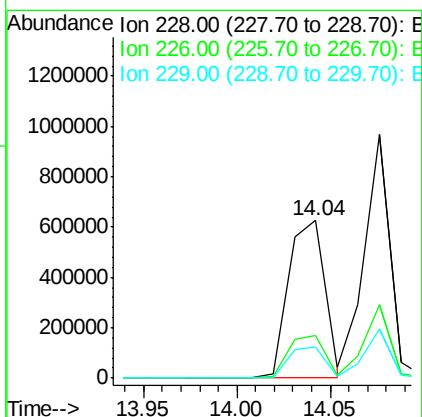
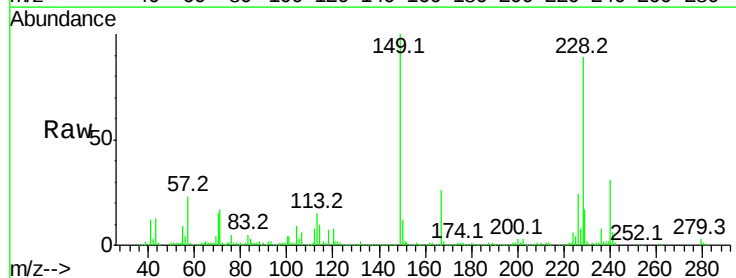
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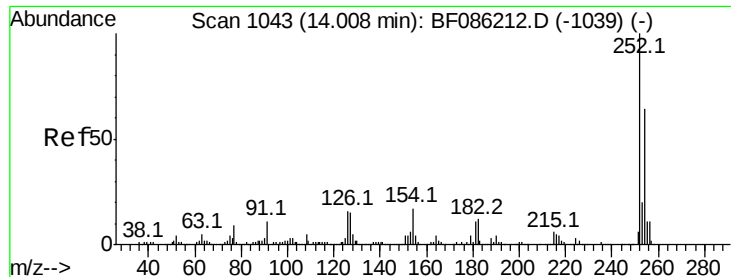
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#80
Benzo(a)anthracene
Concen: 30.28 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	854646		
226	27.3		22.5	33.7
229	19.4		16.2	24.2





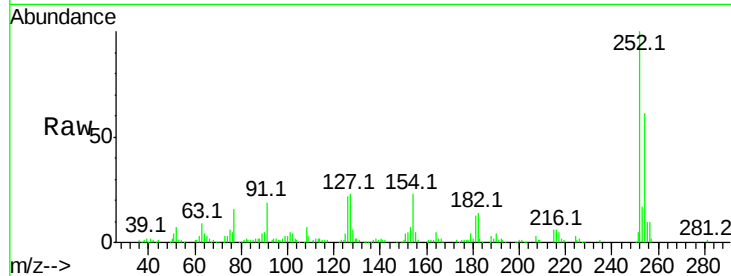
#81
 3,3'-Dichlorobenzidine
 Concen: 9.96 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.2	52.1	78.1
126	22.3	13.2	19.8

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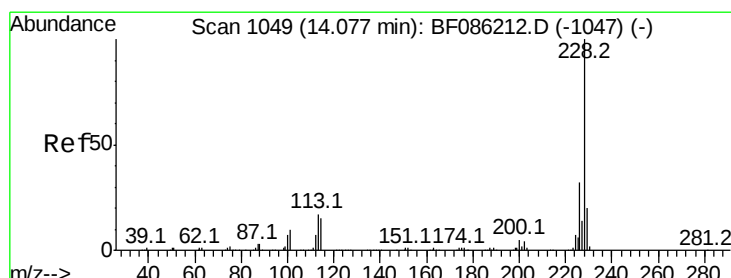
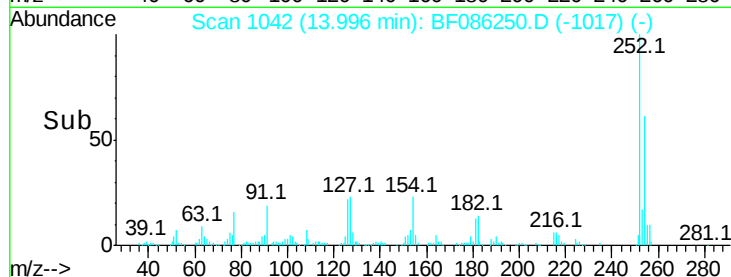
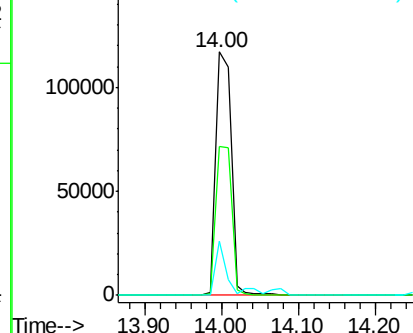


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 30.71 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

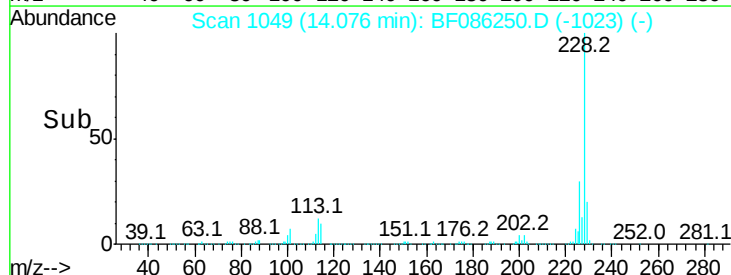
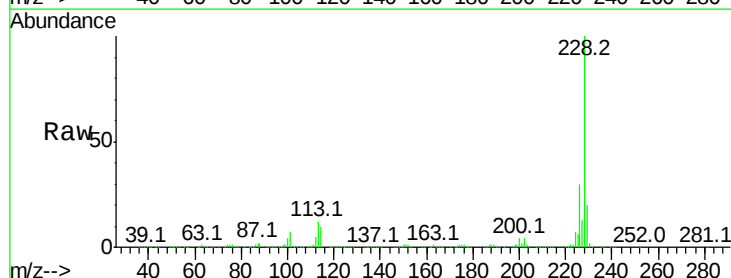
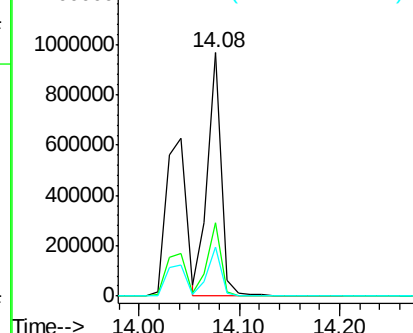
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.4	38.2
229	20.1	16.5	24.7

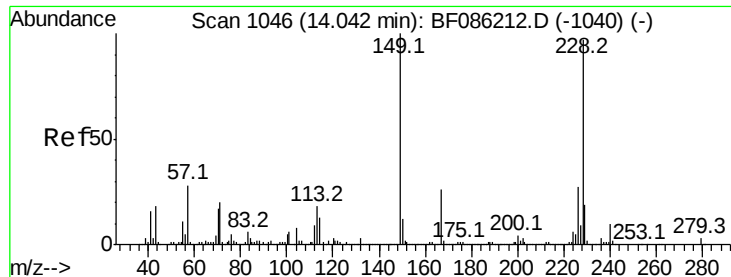
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





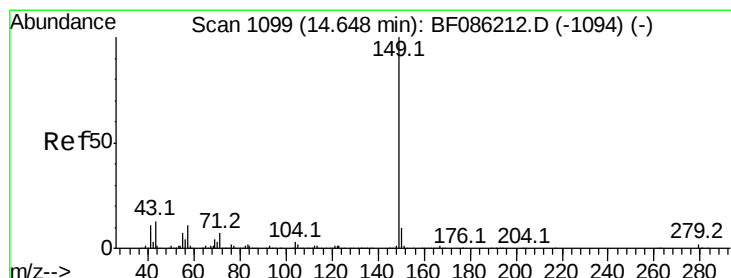
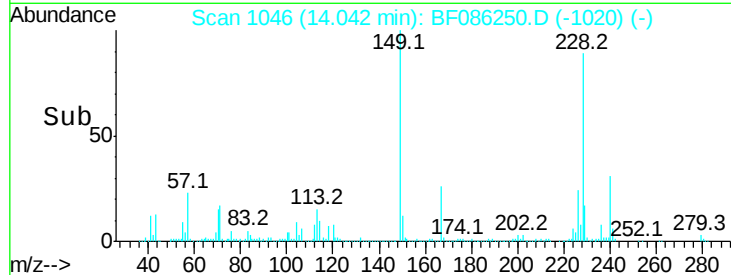
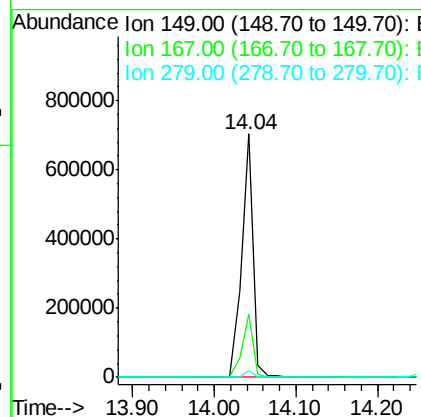
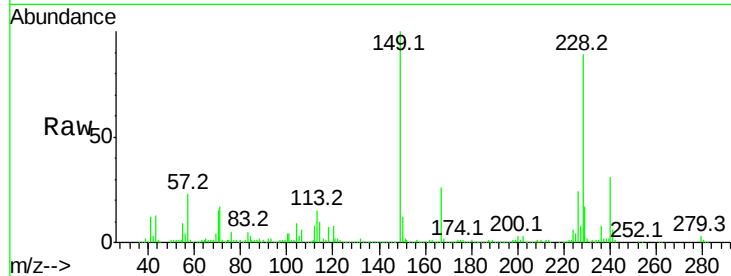
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.90 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion:	149	Resp:	686589
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	2.8	2.4	3.6

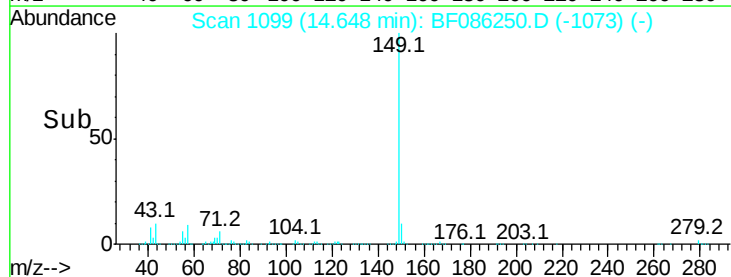
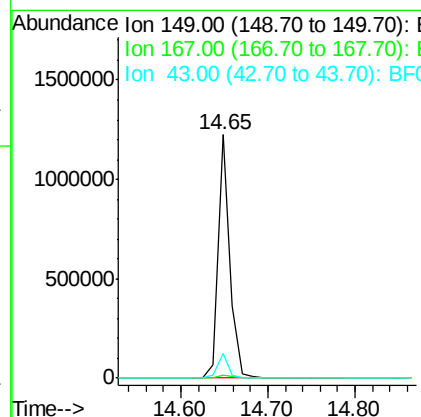
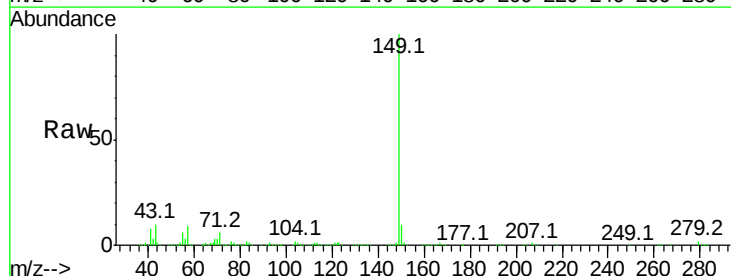
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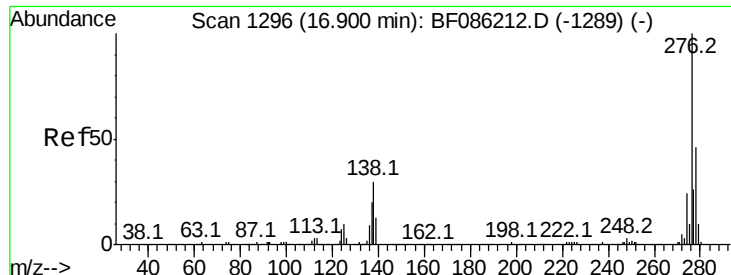
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#84
 Di-n-octyl phthalate
 Concen: 30.79 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion:	149	Resp:	1167429
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.5	9.1	13.7





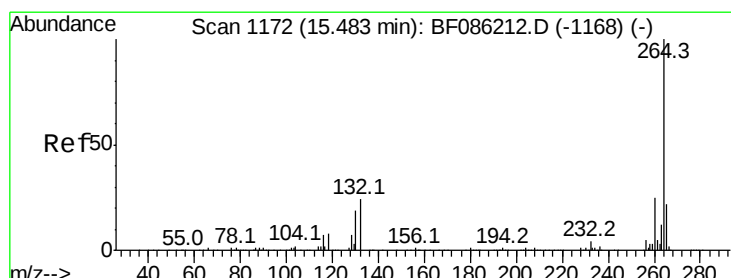
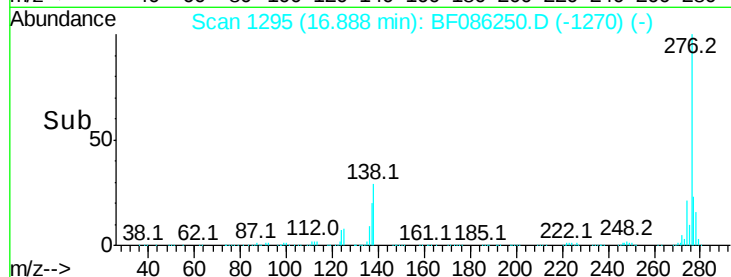
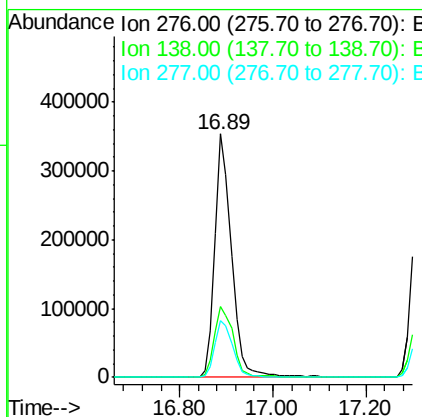
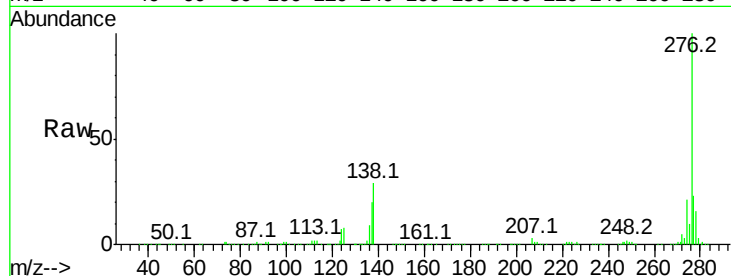
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.89 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	33.0	23.8	35.6
277	25.2	20.2	30.2

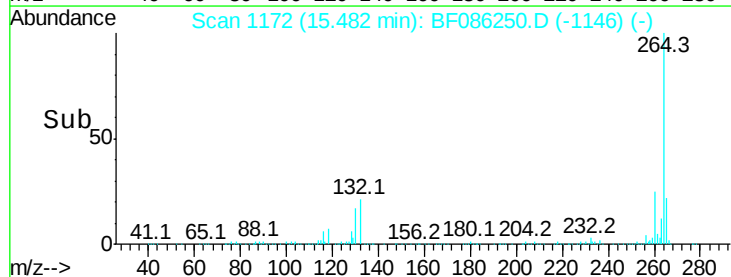
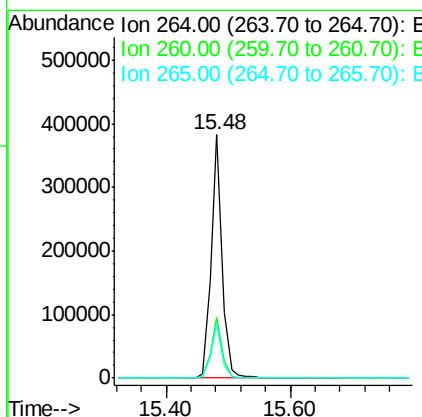
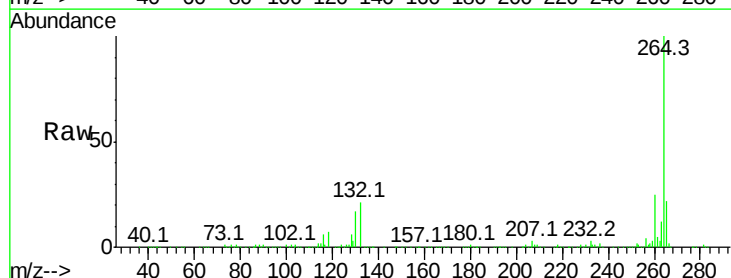
Manual Integrations
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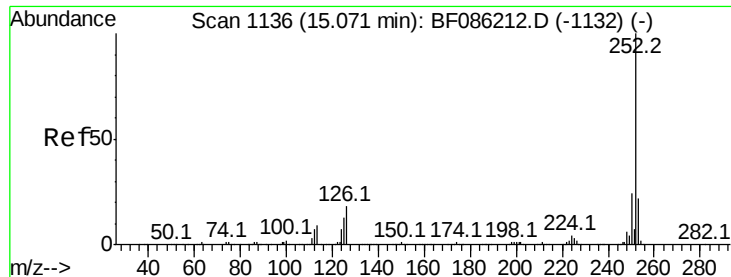
Sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.7	20.0	30.0
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 27.44 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Instrument :

BNA_F

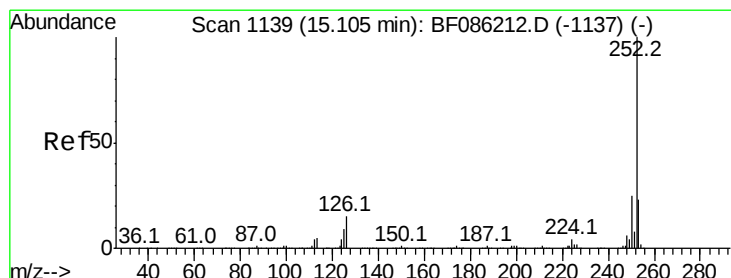
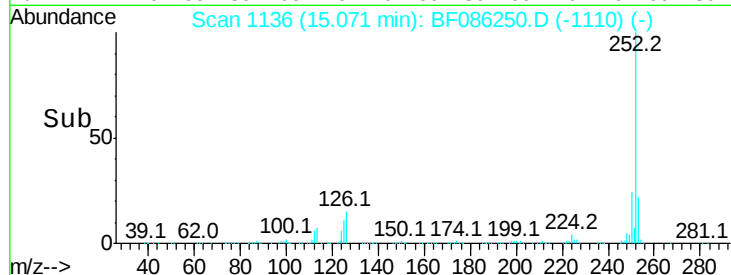
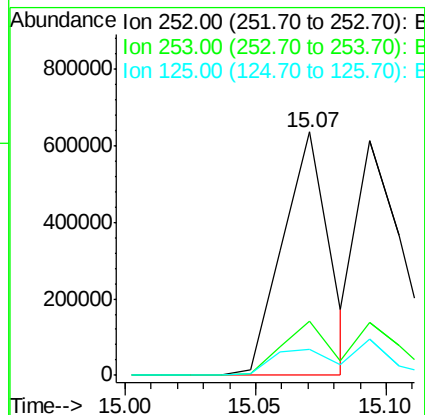
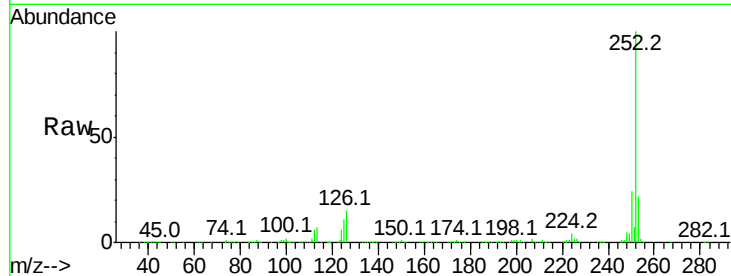
ClientSampleId :

PB89850BSD

Tot Ion:	252	Resp:	787846
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	10.9	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 27.67 ng m

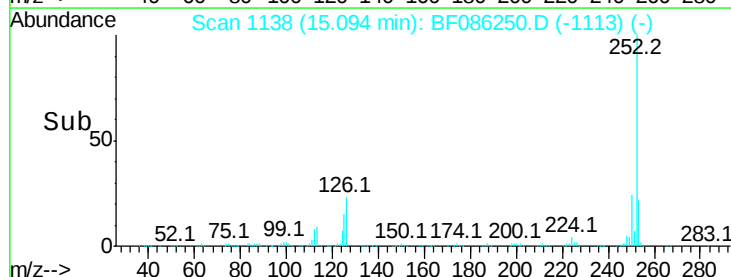
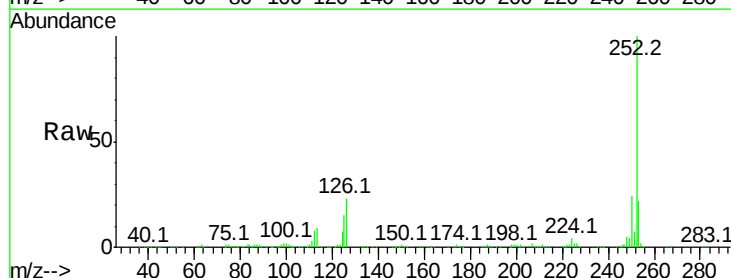
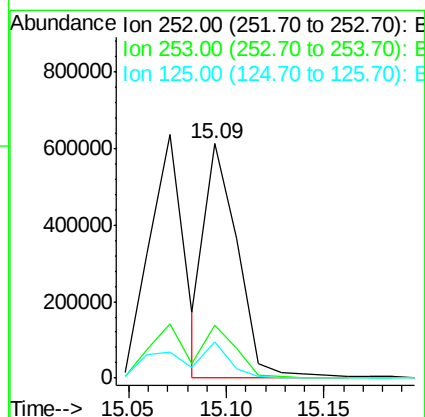
RT: 15.09 min Scan# 1138

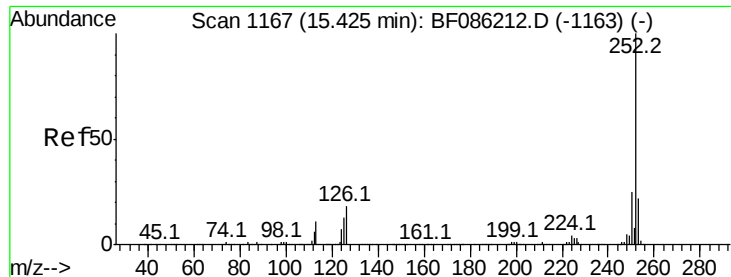
Delta R.T. -0.01 min

Lab File: BF086250.D

Acq: 16 Apr 2016 7:56

Tgt Ion:	252	Resp:	724216
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	15.4	7.8	11.6#





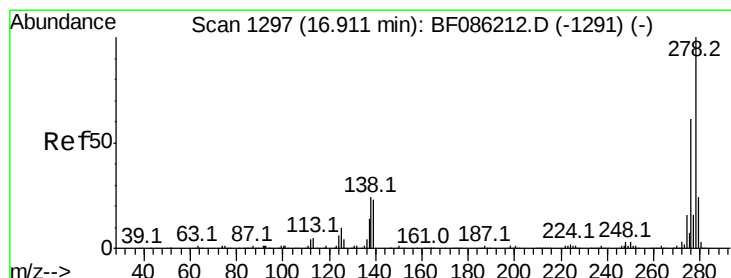
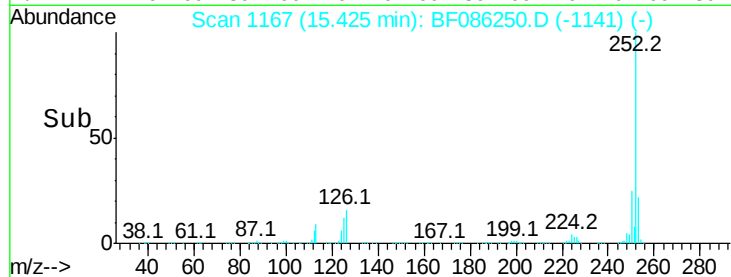
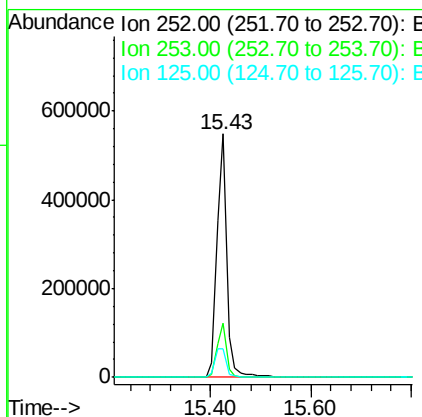
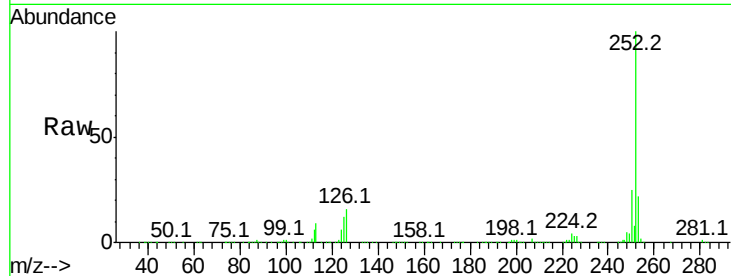
#89
Benzo(a)pyrene
Concen: 29.86 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Instrument :
BNA_F
ClientSampleId :
PB89850BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.0	11.2	16.8

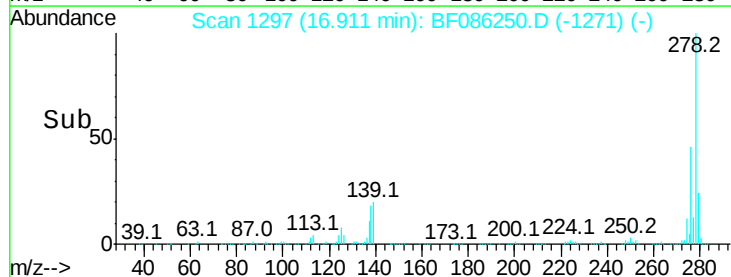
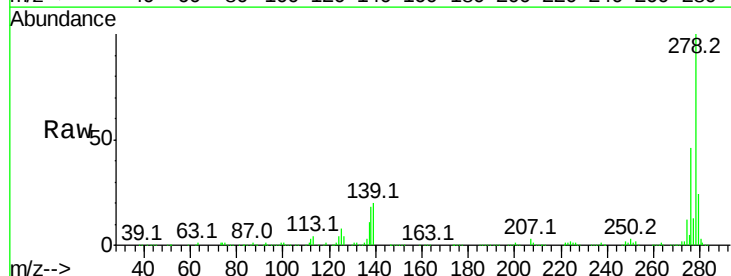
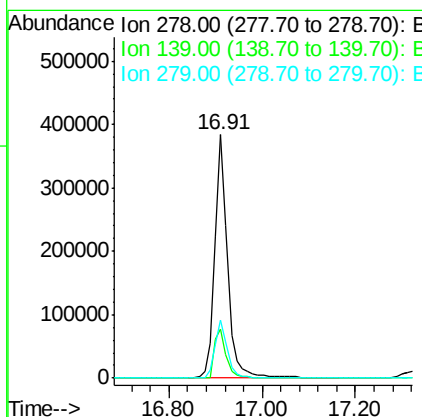
Manual Integrations
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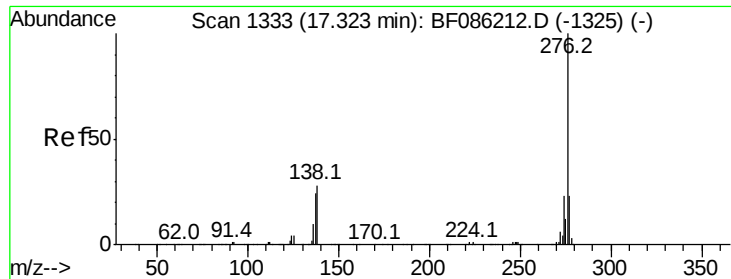
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 33.70 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF086250.D
Acq: 16 Apr 2016 7:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.3	22.9
279	23.9	19.1	28.7





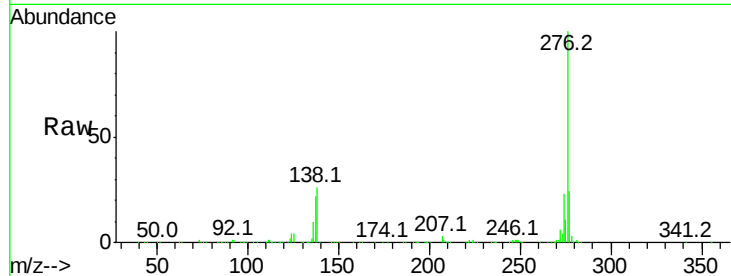
#91
 Benzo(a,h,i)perylene
 Concen: 33.22 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086250.D
 Acq: 16 Apr 2016 7:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BSD

Tot Ion:	276	Resp:	776314
Ion Ratio		Lower	Upper
276	100		
277	23.6	19.0	28.6
138	26.0	19.6	29.4

Manual Integrations
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 4/18/2016 7:31:45 PM



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

