

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082961.D
 Acq On : 17 Nov 2015 2:17
 Operator : UM/IZ
 Sample : PB86680BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Manual Integrations
 APPROVED

mmdadoda
 11/17/2015 5:56:13 PM

Quant Time: Nov 17 08:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	211715	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	821252	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	424520	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	835477	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	618335	20.00	ng	-0.08
86) Perylene-d12	15.35	264	578425	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	839543	61.70	ng	-0.05
7) Phenol-d6	6.43	99	1058643	58.52	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1030591	54.60	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	245214	50.38	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1586118	53.55	ng	-0.07
78) Terphenyl-d14	12.89	244	1722421	66.07	ng	-0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	149375	25.44	ng	97
3) Pyridine	3.10	79	459203	26.95	ng	92
4) n-Nitrosodimethylamine	3.05	42	221413	26.20	ng	# 74
6) Aniline	6.44	93	317963	12.52	ng	# 27
8) 2-Chlorophenol	6.57	128	416438	27.61	ng	# 80
9) Benzaldehyde	6.32	77	23492	2.35	ng	91
10) Phenol	6.45	94	549082	26.75	ng	77
11) bis(2-Chloroethyl)ether	6.52	93	466710	30.41	ng	87
12) 1,3-Dichlorobenzene	6.73	146	445977	26.21	ng	# 80
13) 1,4-Dichlorobenzene	6.80	146	452218	25.55	ng	96
14) 1,2-Dichlorobenzene	6.96	146	458801	28.50	ng	98
15) Benzyl Alcohol	6.93	79	396330	24.95	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	664008	29.49	ng	93
17) 2-Methylphenol	7.06	107	383180	29.99	ng	98
18) Hexachloroethane	7.30	117	170741	26.97	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	370905	27.89	ng	# 84
20) 3+4-Methylphenols	7.21	107	486706	29.30	ng	# 66
22) Acetophenone	7.20	105	634807	26.98	ng	# 98
24) Nitrobenzene	7.37	77	533615	27.65	ng	93
25) Isophorone	7.61	82	916604	26.25	ng	98
26) 2-Nitrophenol	7.69	139	230005	28.55	ng	# 72
27) 2,4-Dimethylphenol	7.74	122	420811	29.07	ng	88
28) bis(2-Chloroethoxy)methane	7.82	93	548687	27.85	ng	98
29) 2,4-Dichlorophenol	7.94	162	394475	30.15	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	399610	27.16	ng	# 93
31) Naphthalene	8.09	128	1184345	26.14	ng	98
32) Benzoic acid	7.87	122	246456	24.87	ng	# 85
33) 4-Chloroaniline	8.14	127	200358	10.26	ng	# 87
34) Hexachlorobutadiene	8.21	225	237900	25.84	ng	100
35) Caprolactam	8.51	113	119284m	28.92	ng	
36) 4-Chloro-3-methylphenol	8.65	107	456090	29.64	ng	# 85
37) 2-Methylnaphthalene	8.78	142	805051	27.47	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	401923	28.81	ng	99
40) Hexachlorocyclopentadiene	8.94	237	425226	56.74	ng	100

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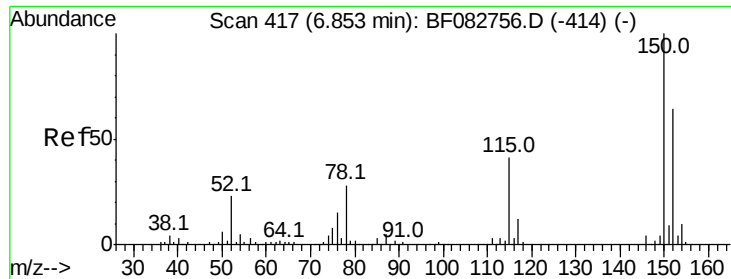
Manual Integrations
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Quant Time: Nov 17 08:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	278362	26.73	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	274985	26.70	nq	93
45) 1,1'-Biphenyl	9.25	154	1090675	29.94	nq	97
46) 2-Chloronaphthalene	9.28	162	833549	29.34	nq	97
47) 2-Nitroaniline	9.37	65	262618	24.91	nq	# 86
48) Acenaphthylene	9.69	152	1264755	28.40	nq	98
49) Dimethylphthalate	9.56	163	1009648	29.03	nq	97
50) 2,6-Dinitrotoluene	9.62	165	216758	29.21	nq	# 58
51) Acenaphthene	9.86	154	865122	30.65	nq	98
52) 3-Nitroaniline	9.78	138	113275	13.88	nq	# 75
53) 2,4-Dinitrophenol	9.89	184	206896	50.78	nq	# 1
54) Dibenzofuran	10.03	168	1050083	27.60	nq	94
55) 4-Nitrophenol	9.96	139	279129	44.58	nq	# 82
56) 2,4-Dinitrotoluene	10.02	165	317687	31.55	nq	# 81
57) Fluorene	10.37	166	862237	27.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	254601	30.29	nq	# 87
59) Diethylphthalate	10.26	149	1031341	30.37	nq	99
60) 4-Chlorophenyl-phenylether	10.37	204	423968	27.50	nq	91
61) 4-Nitroaniline	10.40	138	217943	26.55	nq	# 74
62) Azobenzene	10.52	77	1089055	29.85	nq	89
64) 4,6-Dinitro-2-methylphenol	10.42	198	141031	23.69	nq	# 44
65) n-Nitrosodiphenylamine	10.49	169	801180	26.54	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	258465	25.69	nq	# 76
67) Hexachlorobenzene	10.92	284	290539	25.87	nq	# 76
68) Atrazine	11.02	200	286914	30.74	nq	91
69) Pentachlorophenol	11.12	266	290145	42.54	nq	98
70) Phenanthrene	11.33	178	1422747	29.32	nq	98
71) Anthracene	11.38	178	1250499	24.47	nq	99
72) Carbazole	11.54	167	1210657	27.06	nq	98
73) Di-n-butylphthalate	11.88	149	1585620	28.45	nq	# 97
74) Fluoranthene	12.51	202	1311383	25.19	nq	97
76) Benzidine	12.64	184	444004	21.43	nq	98
77) Pyrene	12.74	202	1317454	31.03	nq	98
79) Butylbenzylphthalate	13.37	149	613285	32.69	nq	96
80) Benzo(a)anthracene	13.93	228	1189955	30.77	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	251920	18.33	nq	99
82) Chrysene	13.96	228	1101256	31.10	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	899359	35.03	nq	# 98
84) Di-n-octyl phthalate	14.55	149	1469244	34.30	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	919518	30.15	nq	96
87) Benzo(b)fluoranthene	14.95	252	1275631m	34.36	nq	
88) Benzo(k)fluoranthene	14.98	252	750836m	22.80	nq	
89) Benzo(a)pyrene	15.29	252	925475	28.77	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	774553	28.44	nq	99
91) Benzo(g,h,i)perylene	17.11	276	743211	28.49	nq	97

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



#1

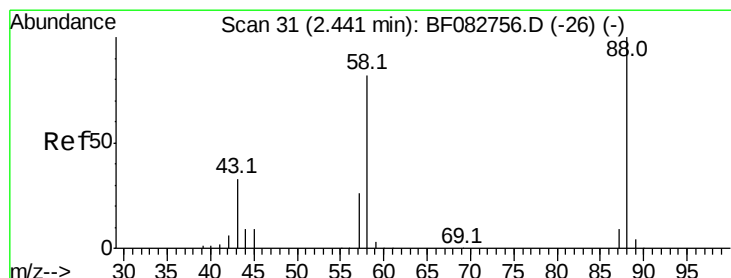
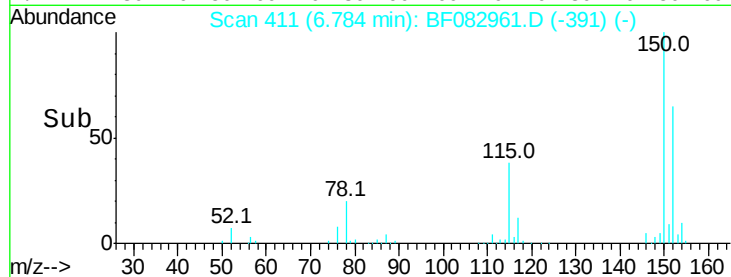
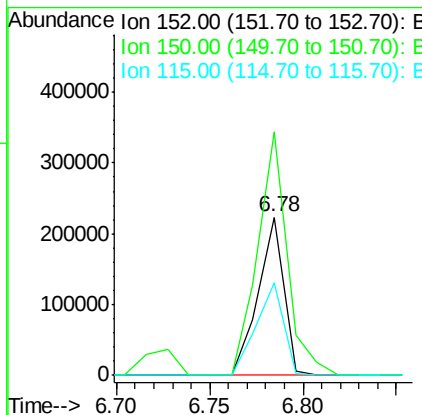
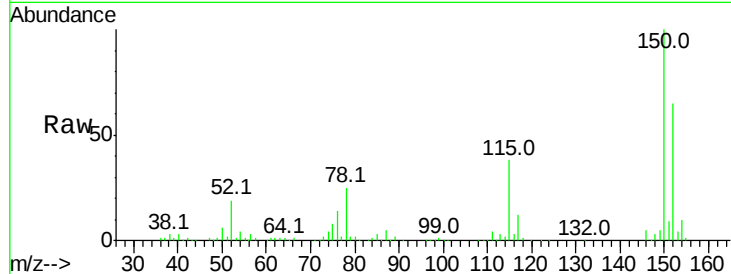
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.0	190.4
115	58.4	47.0	70.6

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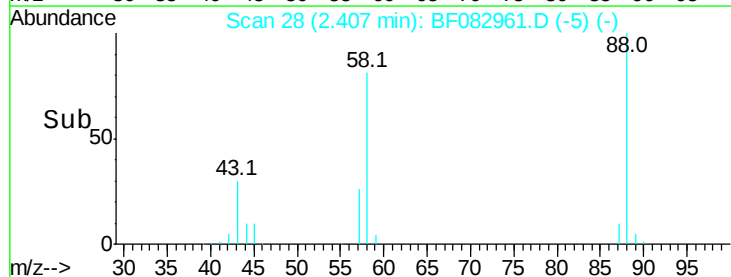
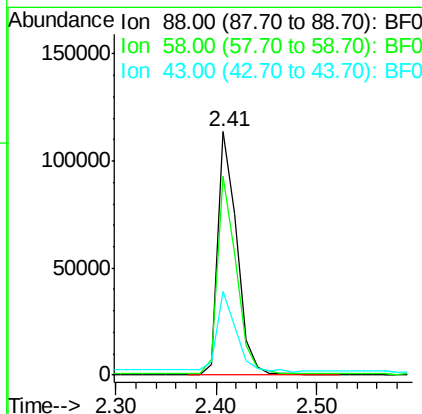
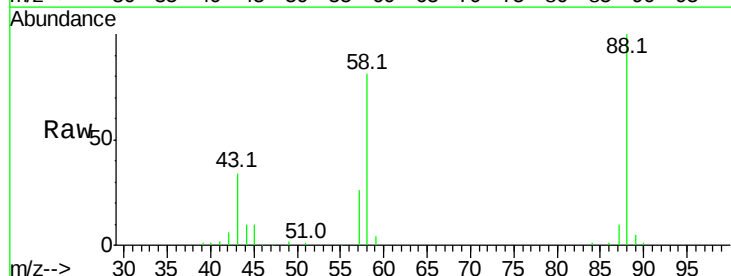
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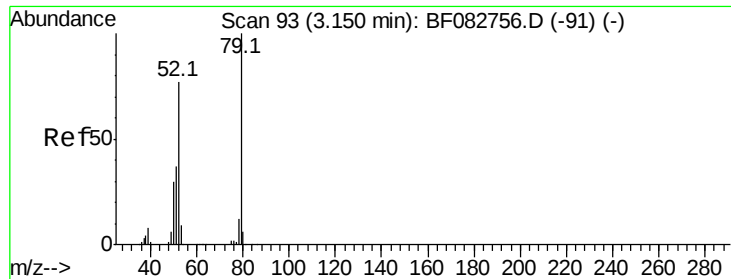


#2

1,4-Dioxane
Concen: 25.44 ng
RT: 2.41 min Scan# 28
Delta R.T. -0.03 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	62.0	93.0
43	34.1	26.6	40.0





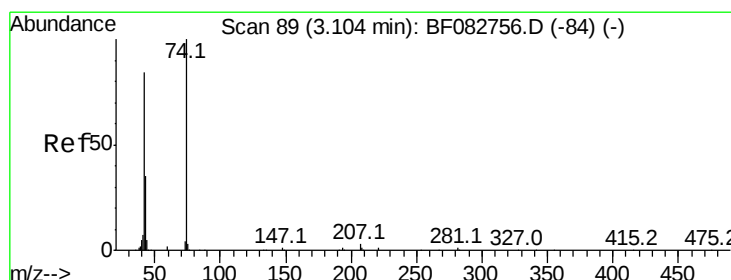
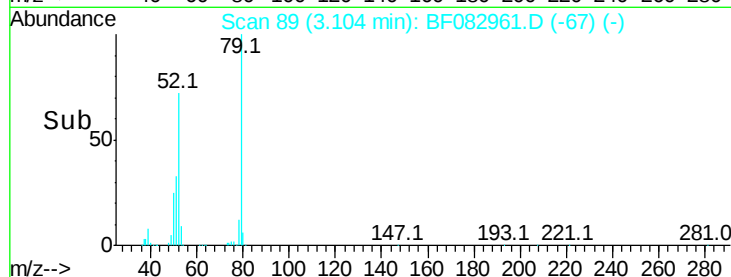
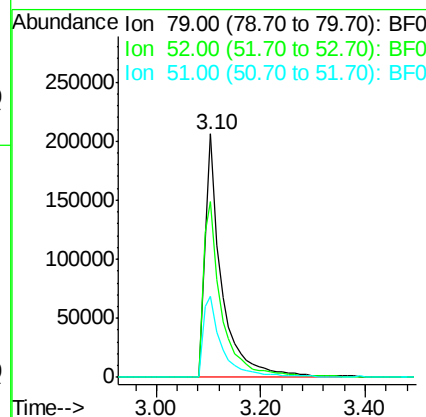
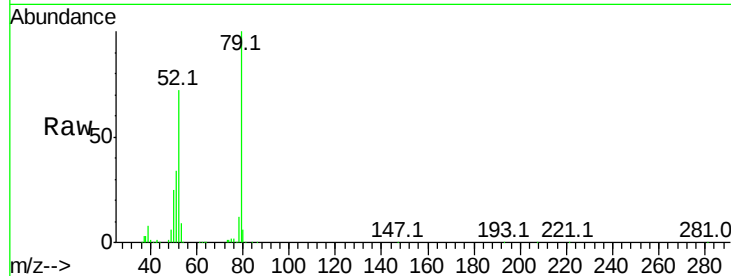
#3
 Pvridine
 Concen: 26.95 ng
 RT: 3.10 min Scan# 89
 Delta R.T. -0.05 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.1	62.8	94.2
51	33.6	32.0	48.0

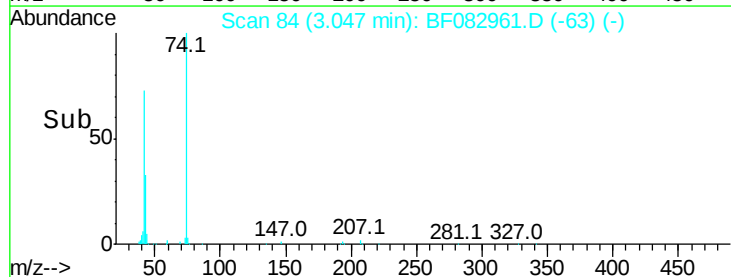
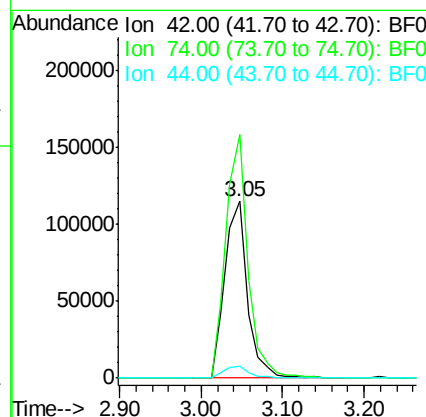
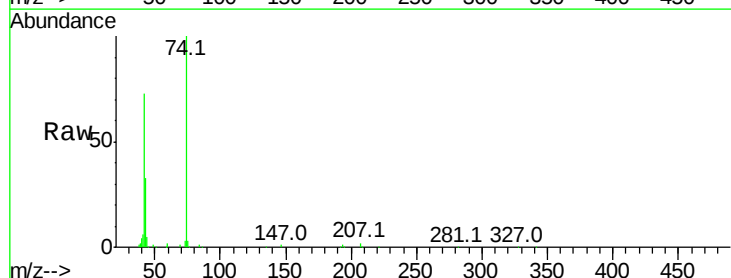
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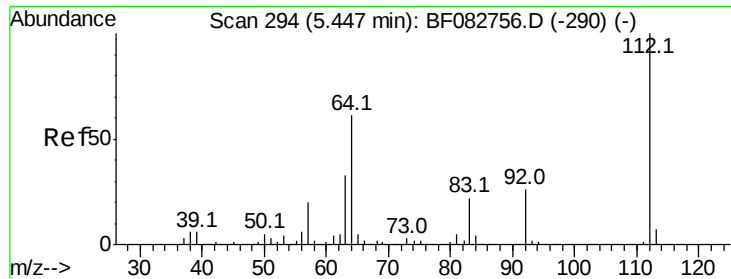
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#4
 n-Nitrosodimethylamine
 Concen: 26.20 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.9	87.0	130.4#
44	7.0	5.8	8.8





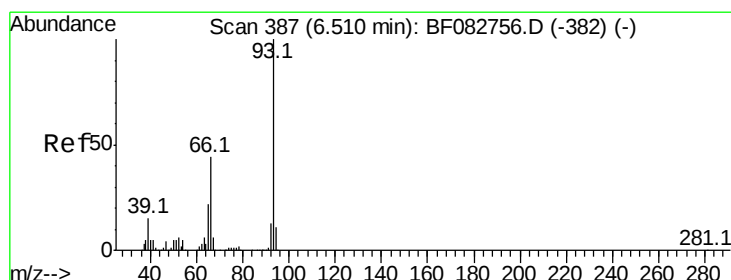
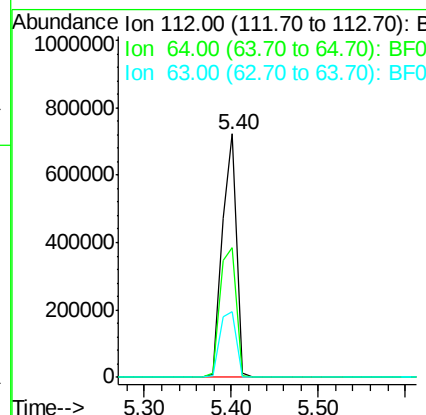
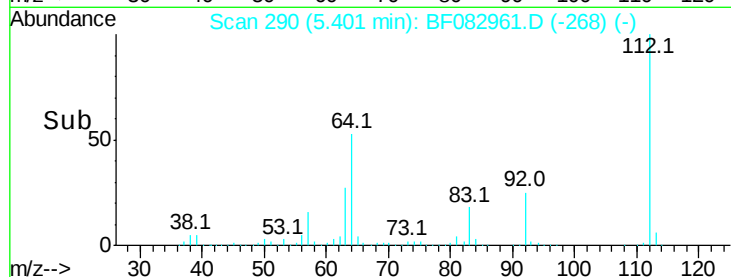
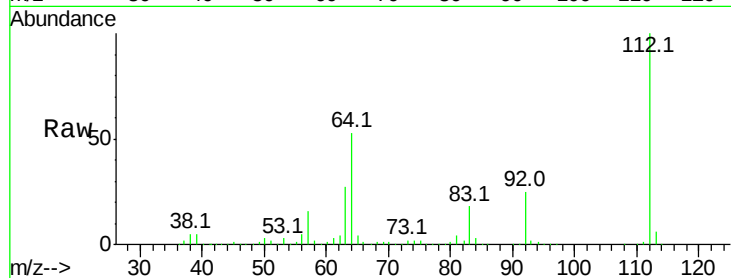
#5
2-Fluorophenol
Concen: 61.70 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	53.3	48.9	73.3
63	27.1	28.1	42.1#

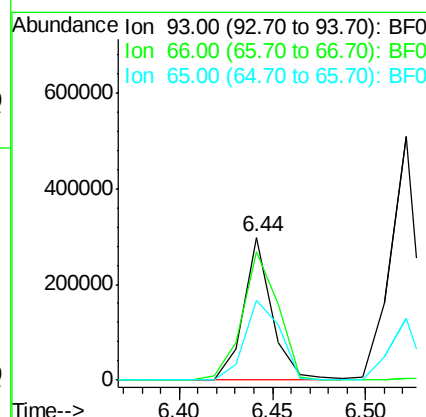
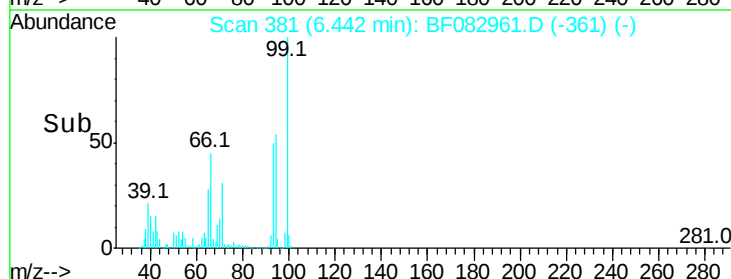
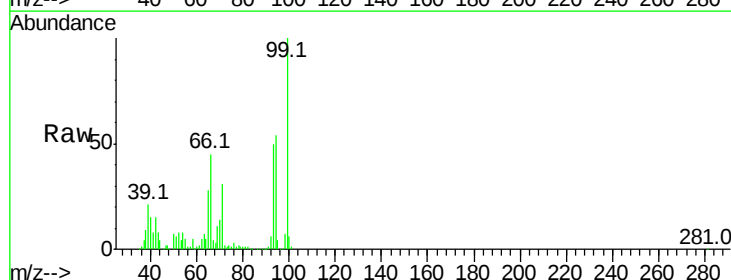
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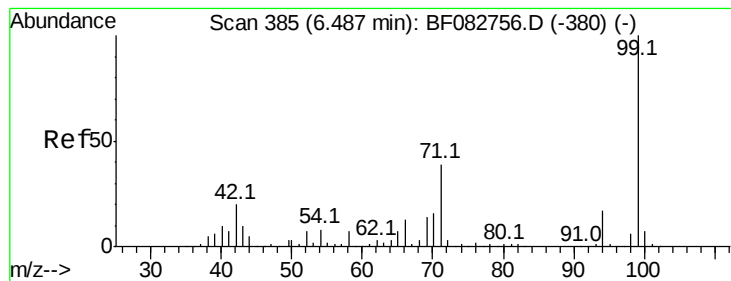
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#6
Aniline
Concen: 12.52 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	89.7	33.6	50.4#
65	55.8	18.1	27.1#





#7

Phenol-d6

Concen: 58.52 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion: 99 Resp: 1058643

Ion Ratio Lower Upper

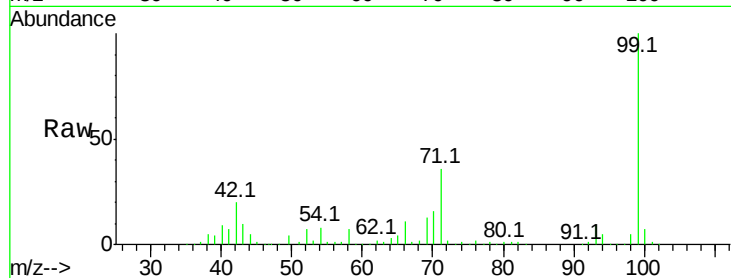
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42 20.5 19.2 28.8

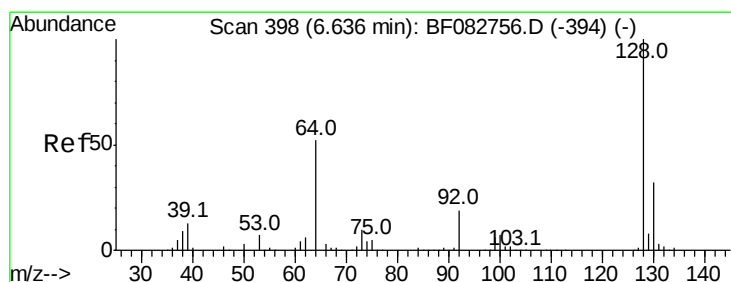
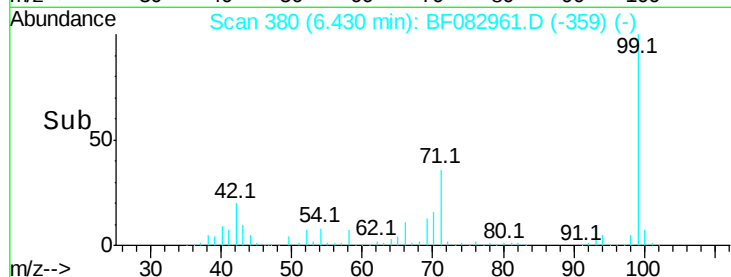
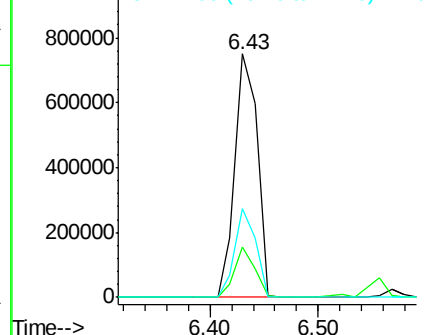
71 36.4 35.0 52.4

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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: 27.61 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

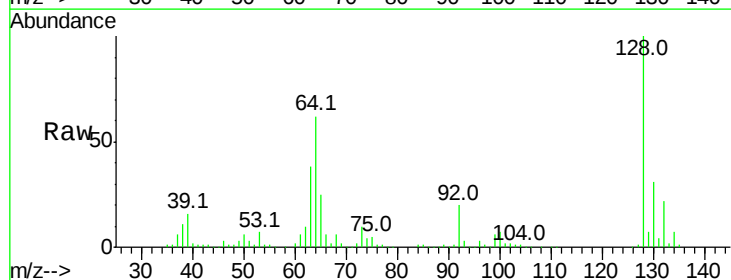
Tgt Ion: 128 Resp: 416438

Ion Ratio Lower Upper

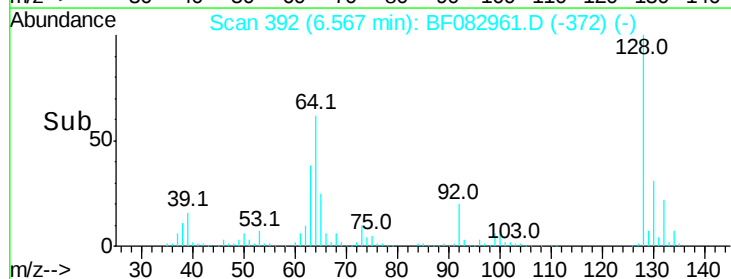
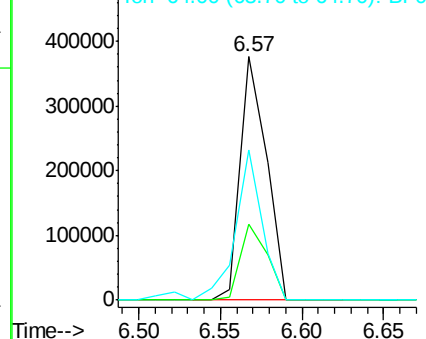
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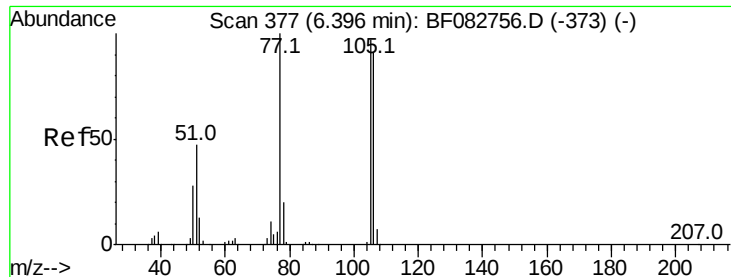
130 31.1 13.5 53.5

64 61.9 21.1 61.1#



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: 2.35 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

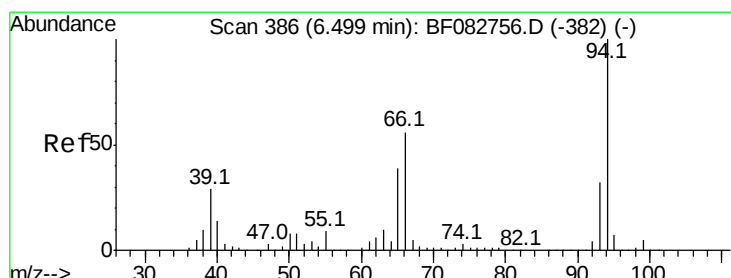
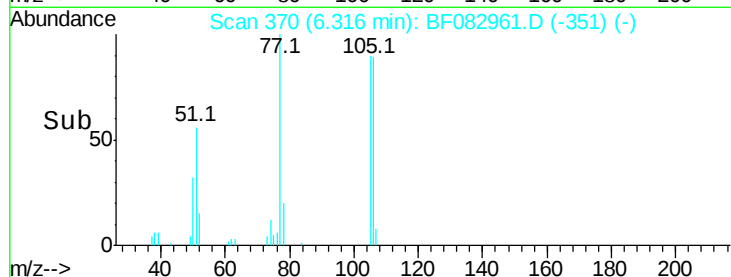
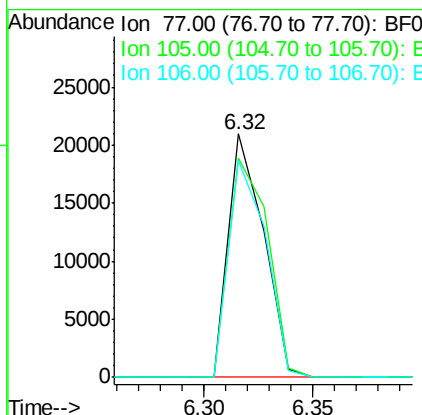
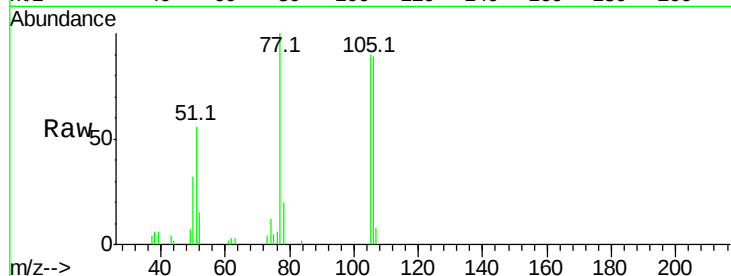
ClientSampleID :

PB86680BS

Tot Ion:	77	Resp:	23492
Ion Ratio	Lower	Upper	
77	100		
105	89.9	63.5	103.5
106	89.2	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 26.75 ng

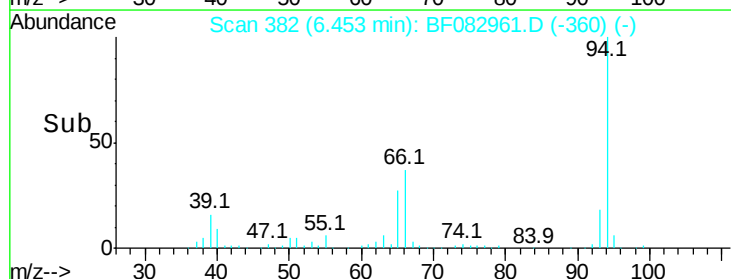
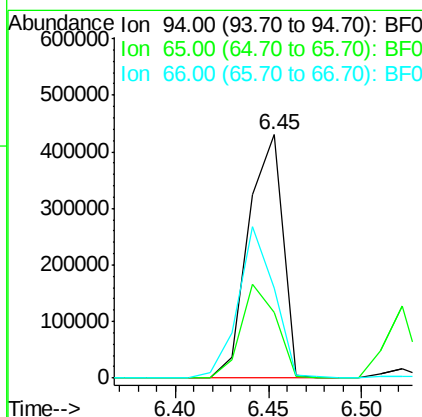
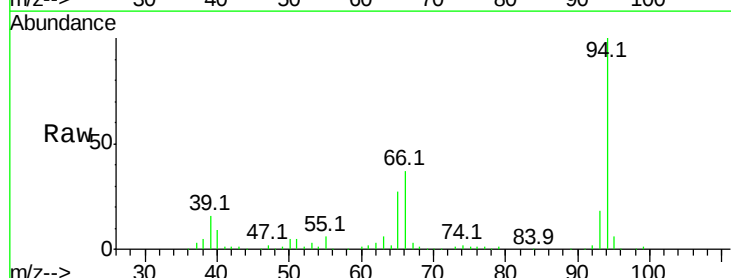
RT: 6.45 min Scan# 382

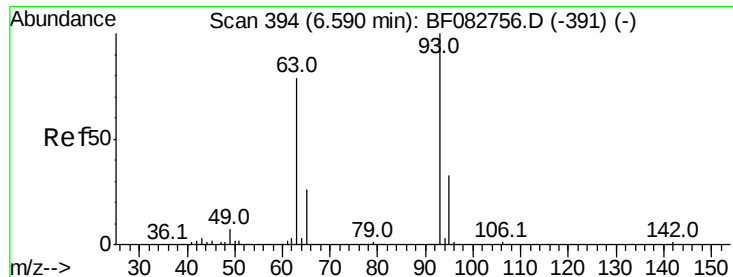
Delta R.T. -0.05 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	94	Resp:	549082
Ion Ratio	Lower	Upper	
94	100		
65	27.0	18.9	58.9
66	36.9	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 30.41 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

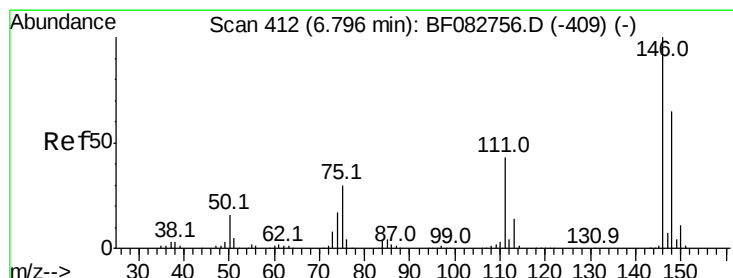
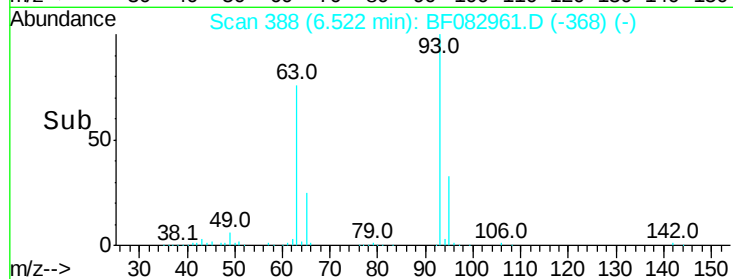
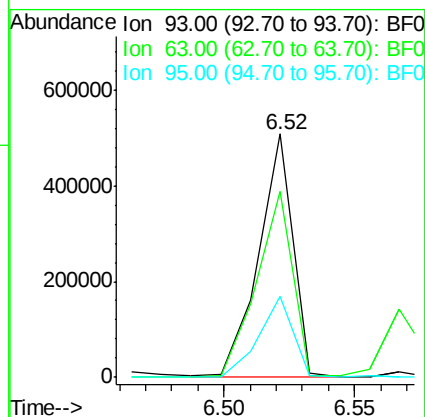
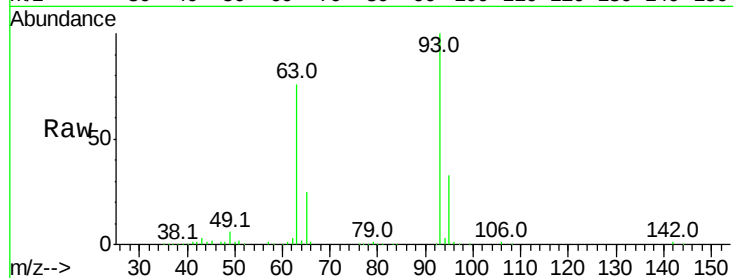
ClientSampleId :

PB86680BS

Tot Ion:	93	Resp:	466710
Ion Ratio	Lower	Upper	
93	100		
63	76.5	72.7	112.7
95	33.4	12.0	52.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 26.21 ng

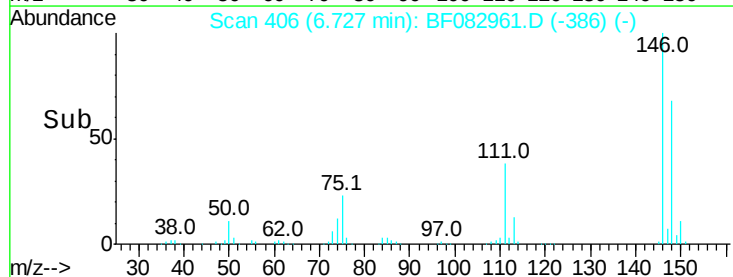
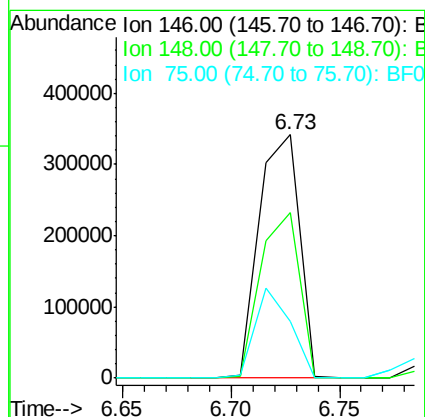
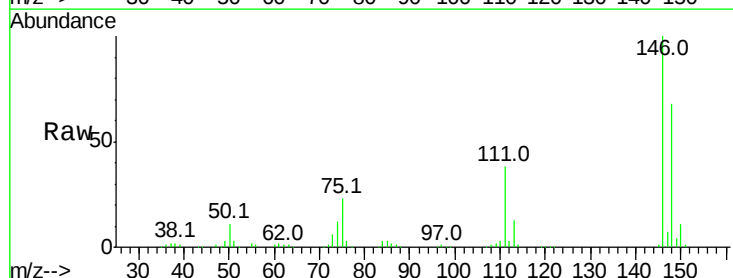
RT: 6.73 min Scan# 406

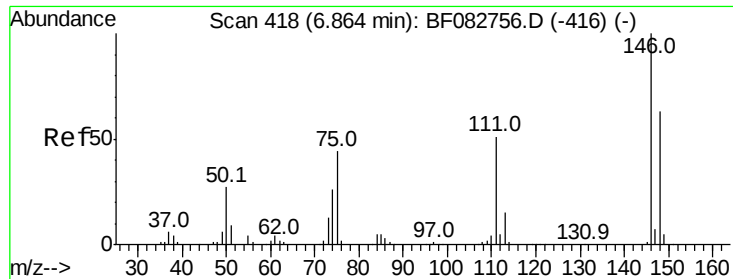
Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	146	Resp:	445977
Ion Ratio	Lower	Upper	
146	100		
148	67.8	50.5	75.7
75	23.2	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 25.55 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

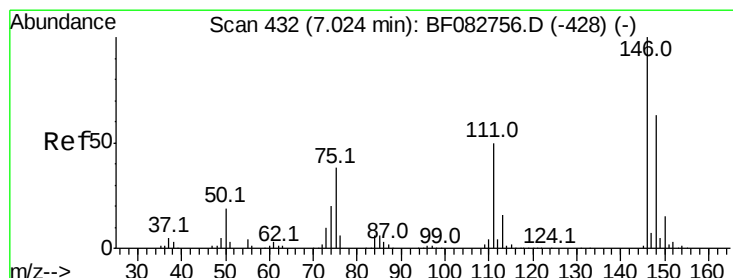
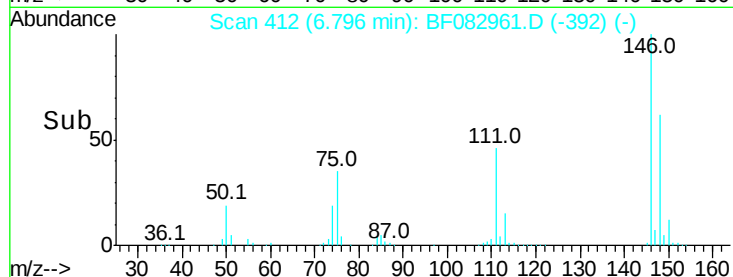
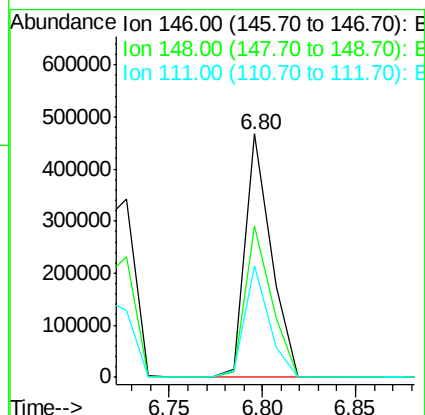
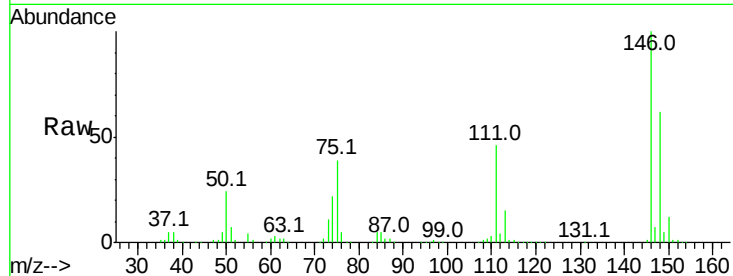
ClientSampleId :

PB86680BS

Tot Ion:	146	Resp:	452218
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.8	76.2
111	46.1	40.6	60.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 28.50 ng

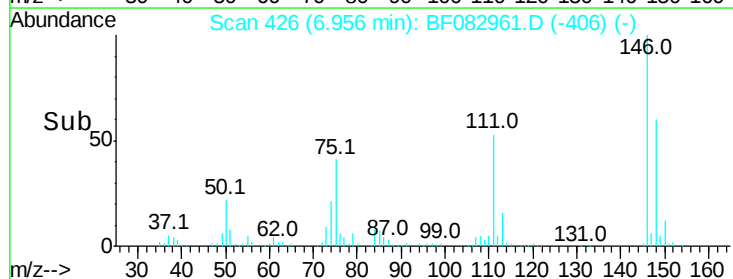
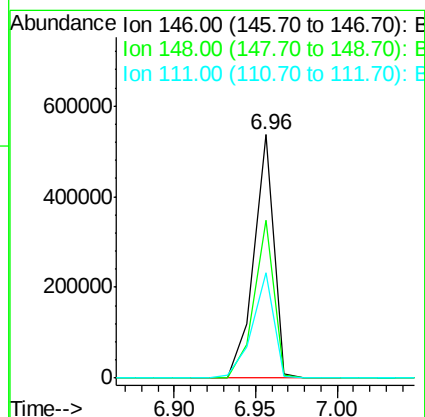
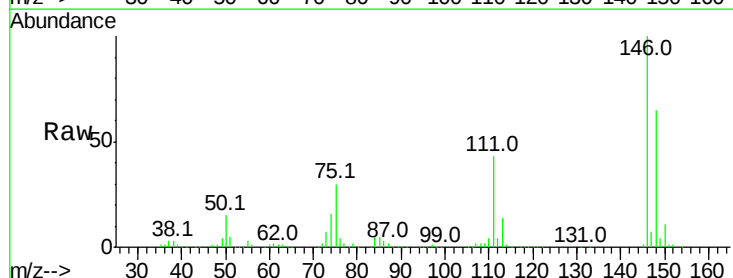
RT: 6.96 min Scan# 426

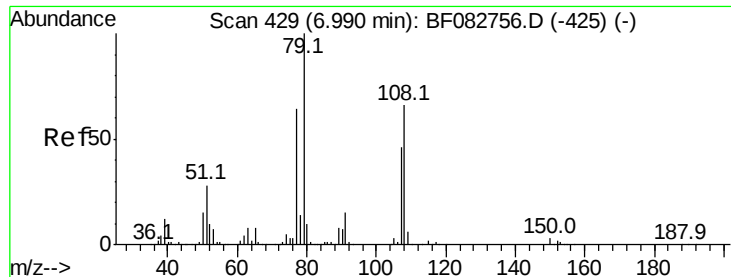
Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	146	Resp:	458801
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
111	43.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 24.95 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion: 79 Resp: 396330

Ion Ratio Lower Upper

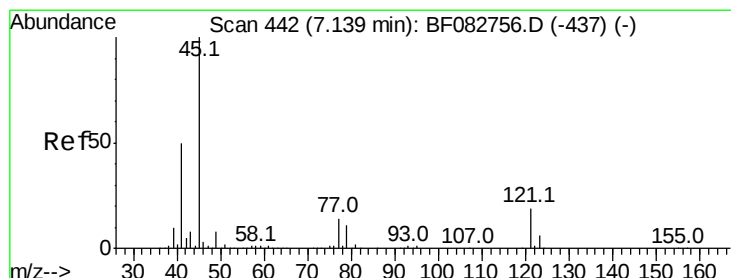
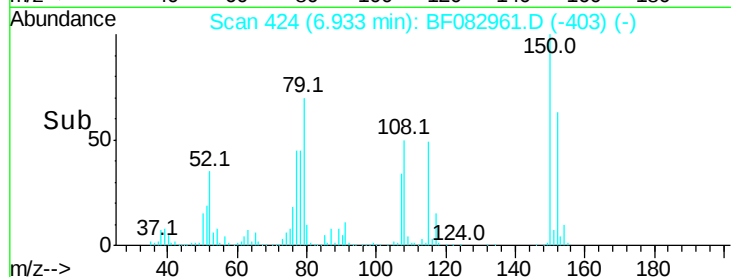
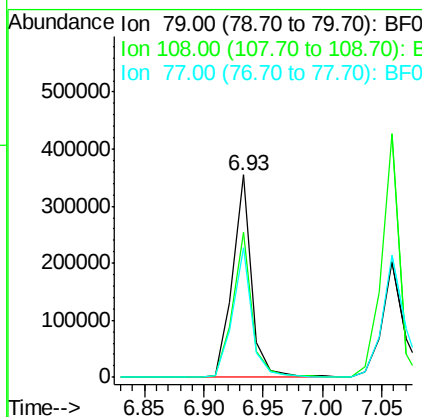
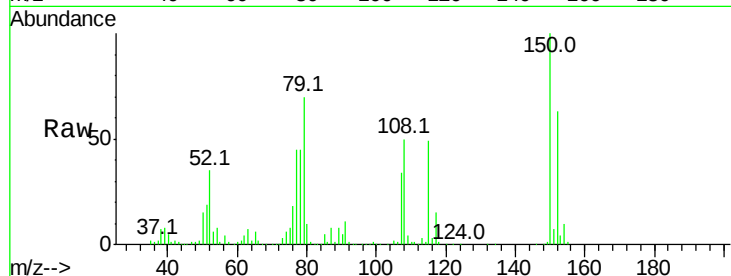
79 100

108 71.4 52.2 78.4

77 63.9 52.7 79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.49 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

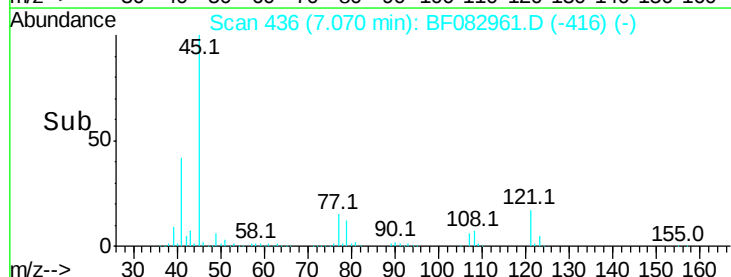
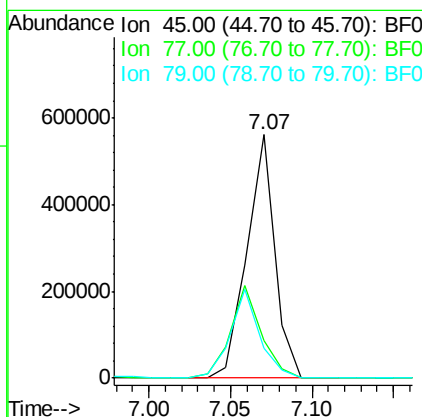
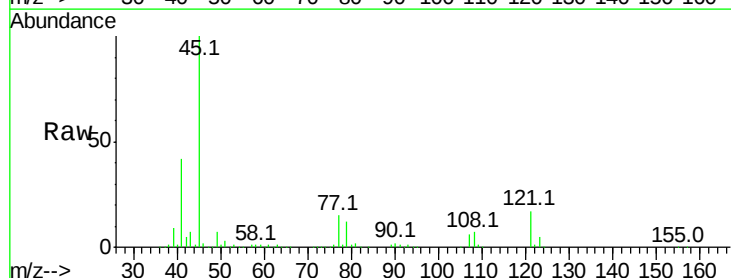
Tgt Ion: 45 Resp: 664008

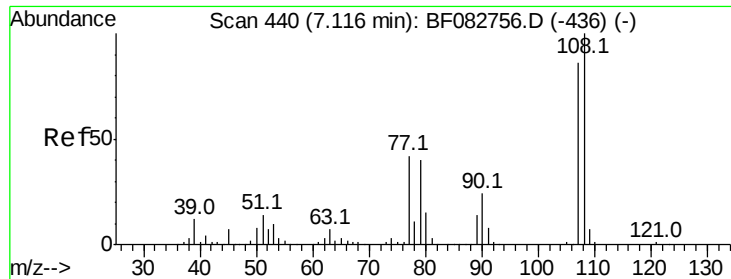
Ion Ratio Lower Upper

45 100

77 15.2 0.0 32.6

79 12.2 0.0 29.2





#17

2-Methylphenol

Concen: 29.99 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

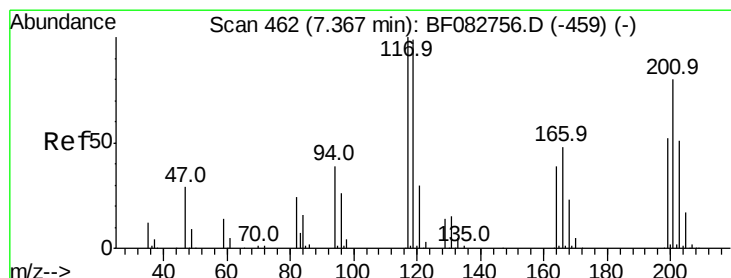
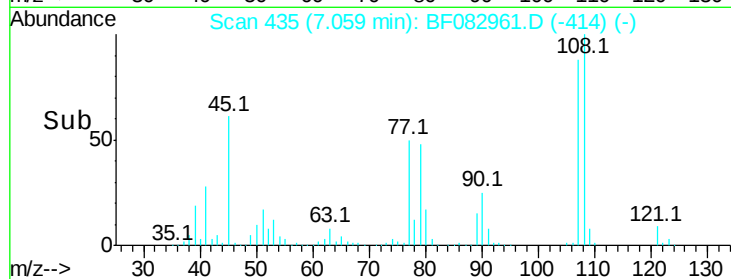
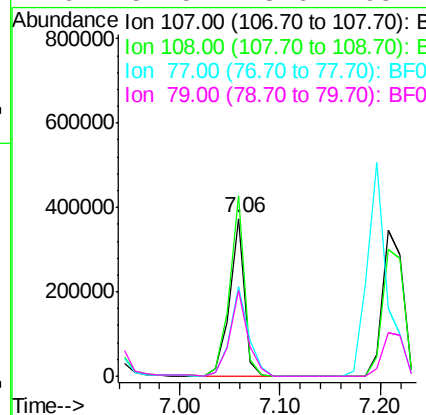
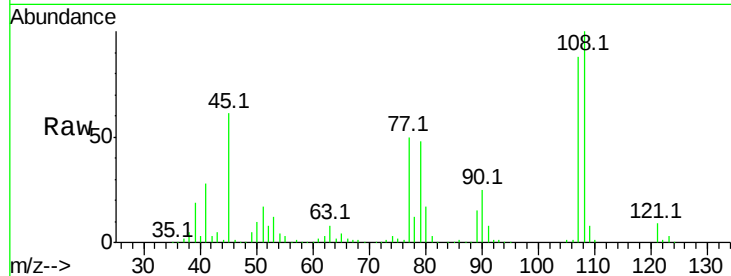
ClientSampleId :

PB86680BS

Tot Ion:	107	Resp:	383180
Ion Ratio	Lower	Upper	
107	100		
108	114.2	93.0	139.4
77	57.2	44.1	66.1
79	54.5	43.6	65.4

Manual Integrations
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#18

Hexachloroethane

Concen: 26.97 ng

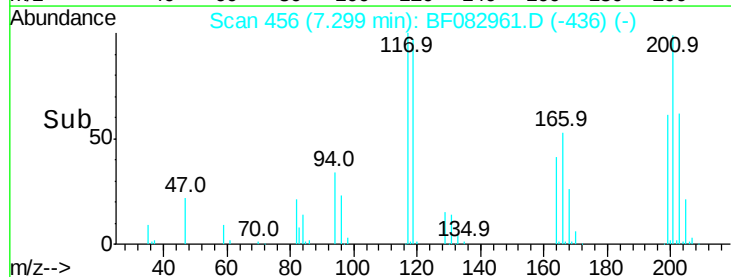
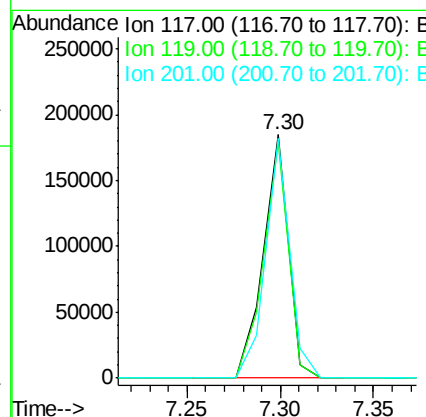
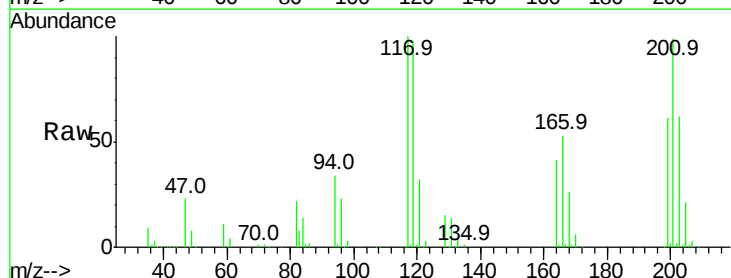
RT: 7.30 min Scan# 456

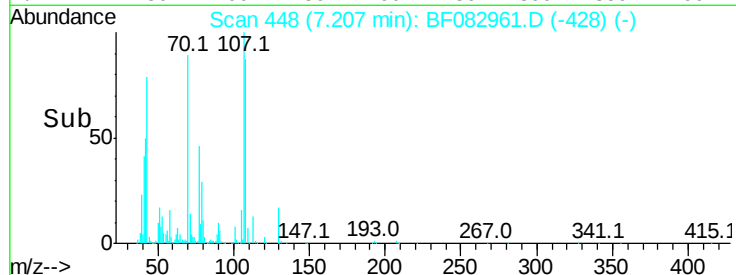
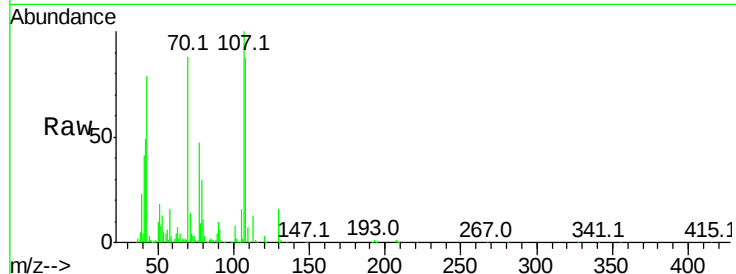
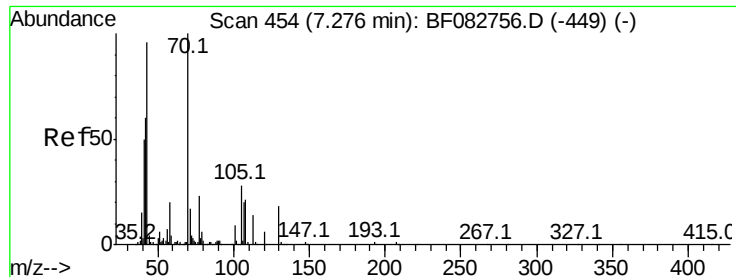
Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	117	Resp:	170741
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.7	116.5
201	98.7	66.7	100.1





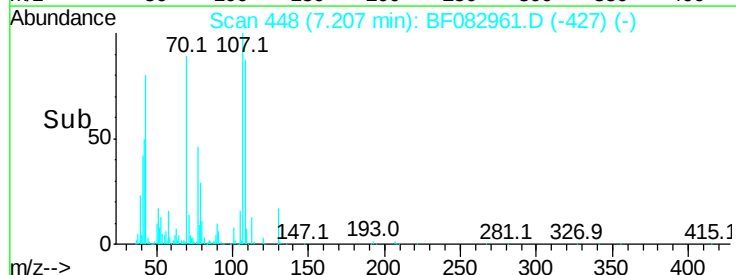
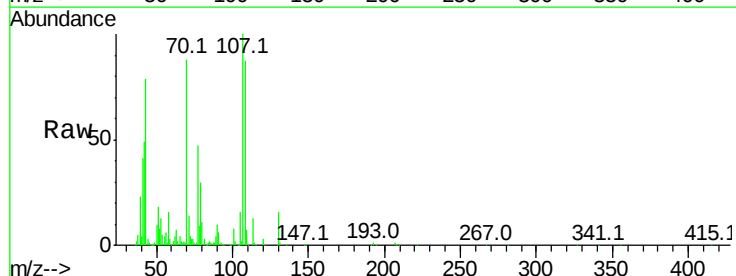
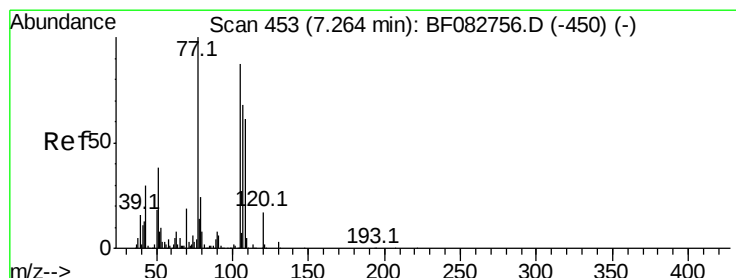
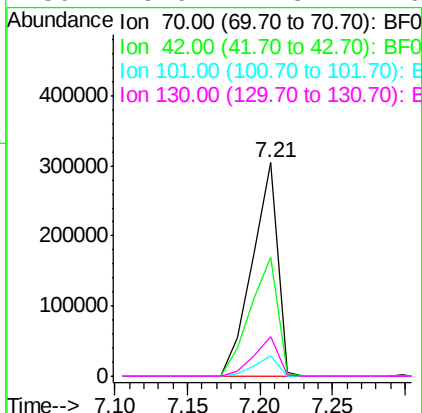
#19
n-Nitroso-di-n-propylamine
Concen: 27.89 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.7	57.7	86.5#
101	9.3	7.0	10.6
130	18.6	11.8	17.6#

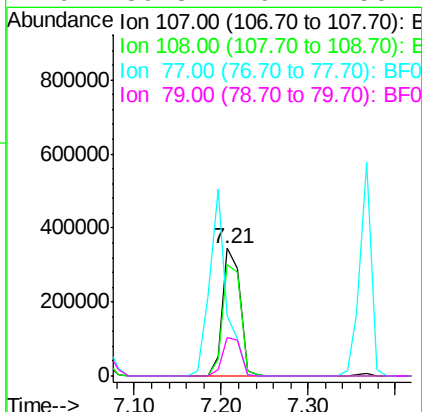
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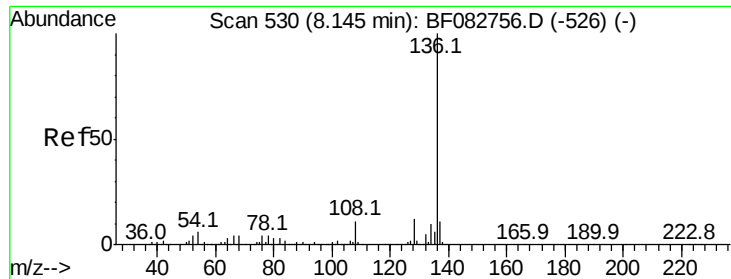
mmdadoda
11/17/2015 5:56:13 PM



#20
3+4-Methylphenols
Concen: 29.30 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.3	107.3
77	46.9	100.3	140.3#
79	30.3	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

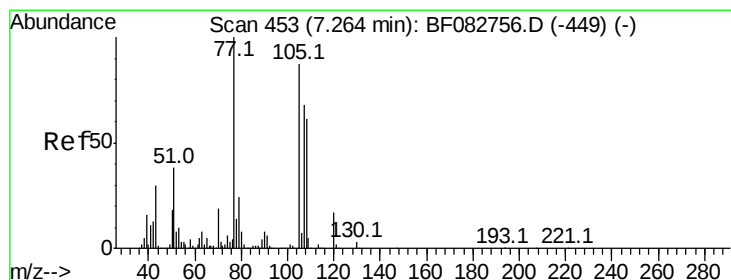
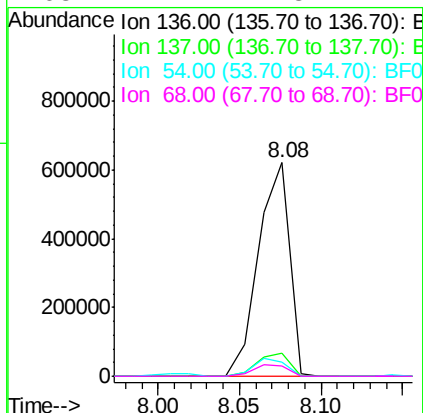
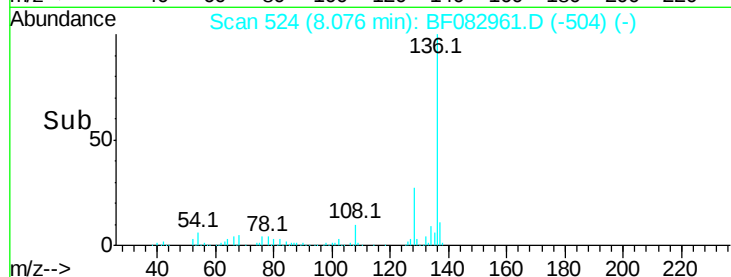
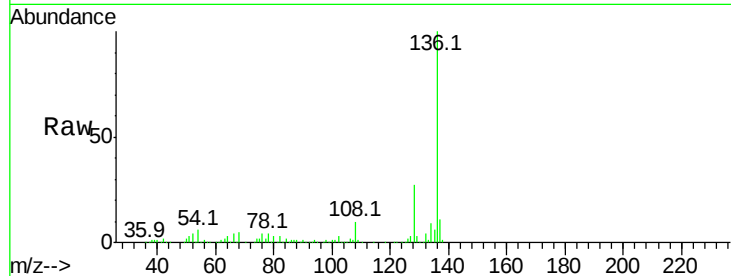
ClientSampleId :

PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	6.5	9.1	13.7	
68	4.7	4.8	7.2	

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#22

Acetophenone

Concen: 26.98 ng

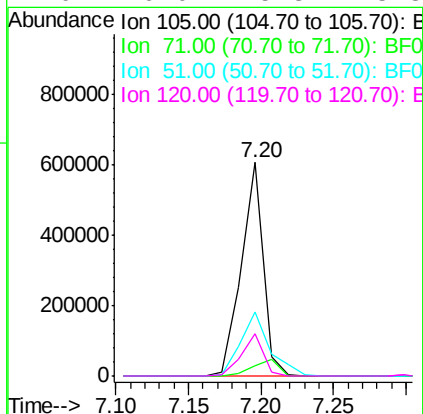
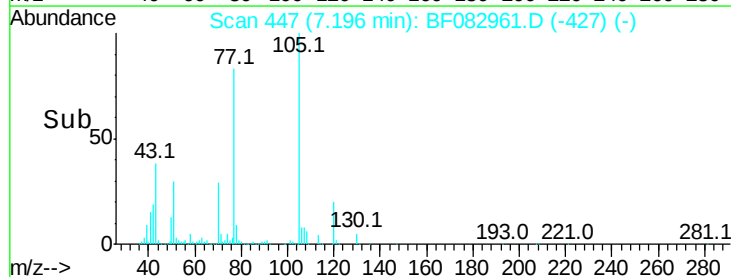
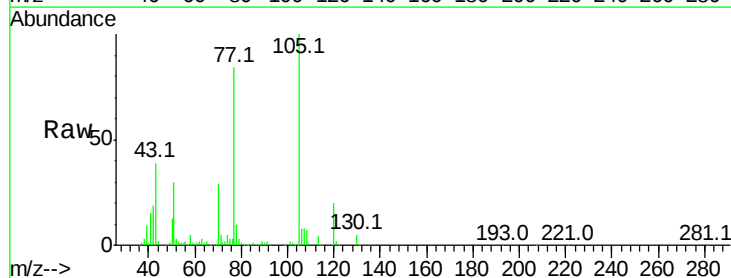
RT: 7.20 min Scan# 447

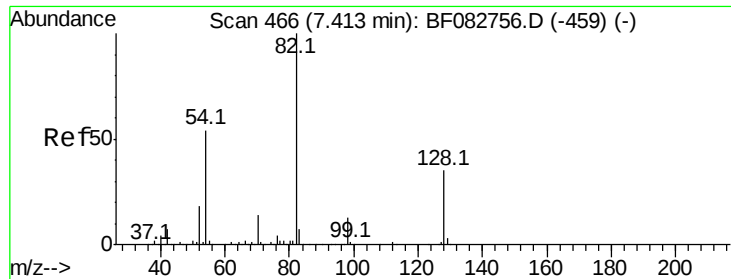
Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	5.6	8.4	
51	29.9	24.9	37.3	
120	20.0	15.8	23.8	





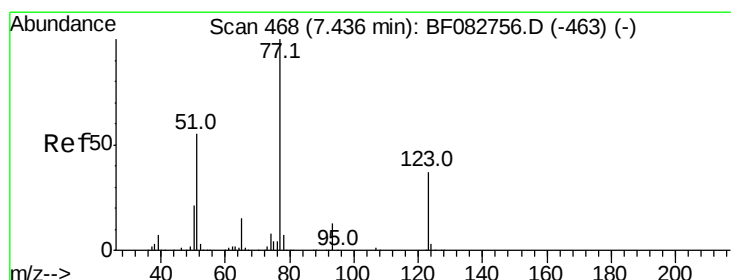
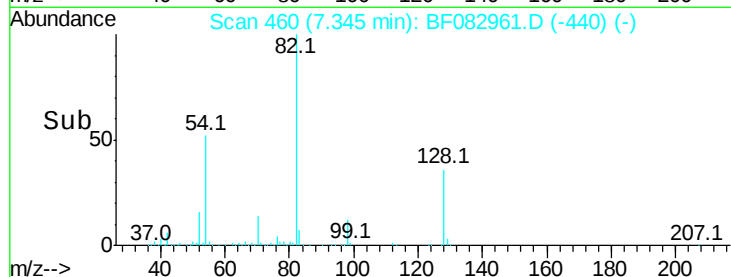
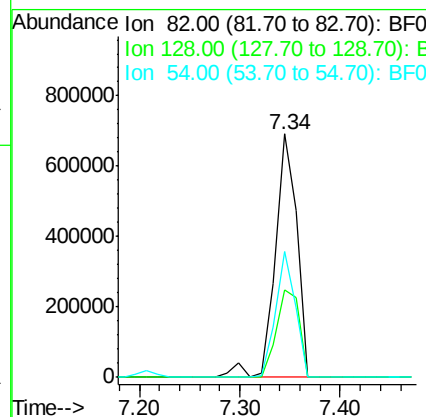
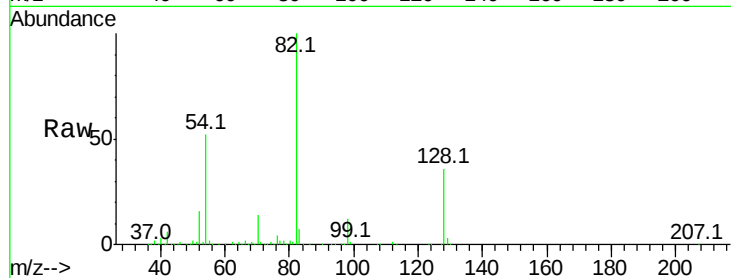
#23
 Nitrobenzene-d5
 Concen: 54.60 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion: 82 Resp: 1030591
 Ion Ratio Lower Upper
 82 100
 128 36.0 26.8 40.2
 54 51.9 45.7 68.5

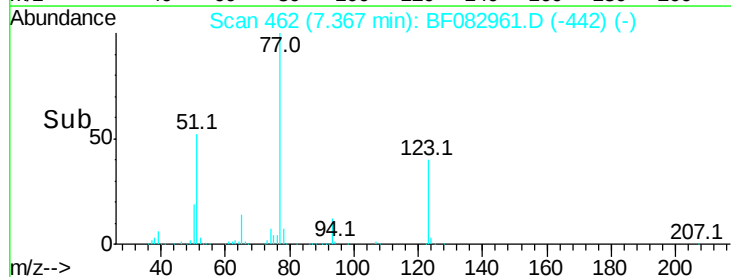
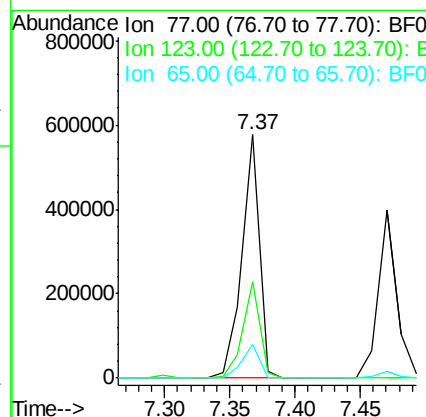
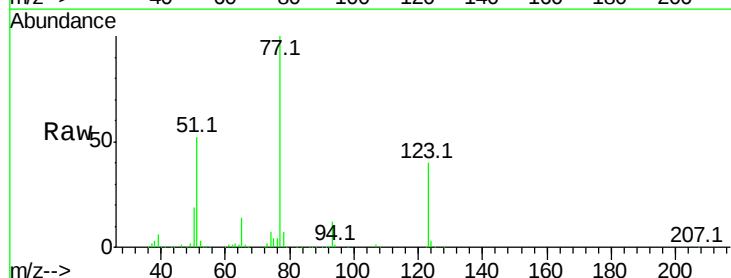
Manual Integrations
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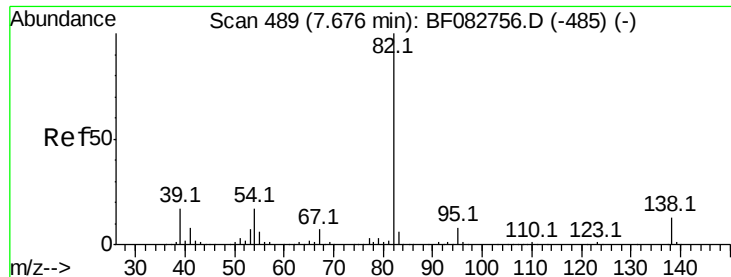
mmdadoda
 11/17/2015 5:56:13 PM



#24
 Nitrobenzene
 Concen: 27.65 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion: 77 Resp: 533615
 Ion Ratio Lower Upper
 77 100
 123 39.7 36.4 54.6
 65 13.9 11.5 17.3





#25

Isophorone

Concen: 26.25 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

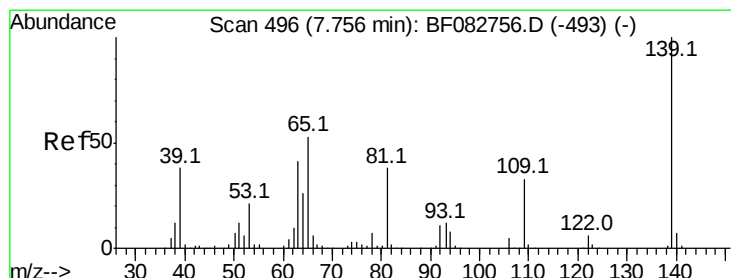
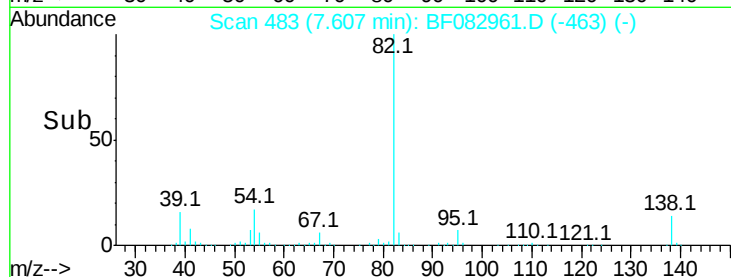
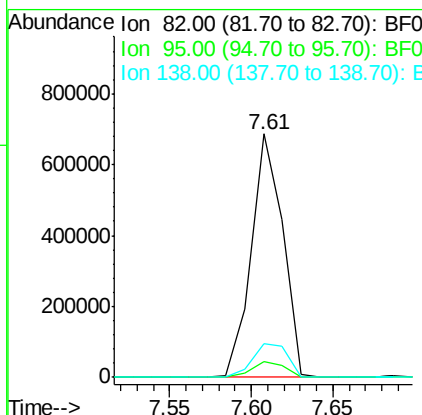
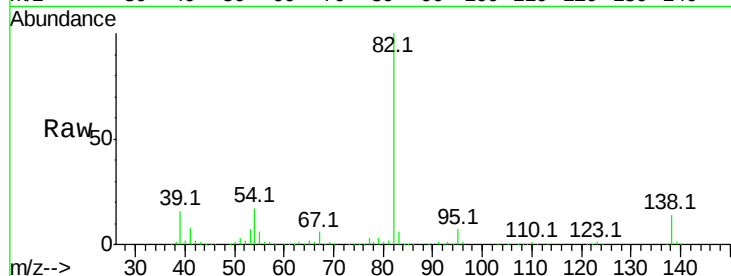
ClientSampleId :

PB86680BS

Tot Ion:	82	Resp:	916604
Ion Ratio	Lower	Upper	
82	100		
95	6.7	6.6	9.8
138	13.8	11.4	17.0

Manual Integrations
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mmdadoda
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#26

2-Nitrophenol

Concen: 28.55 ng

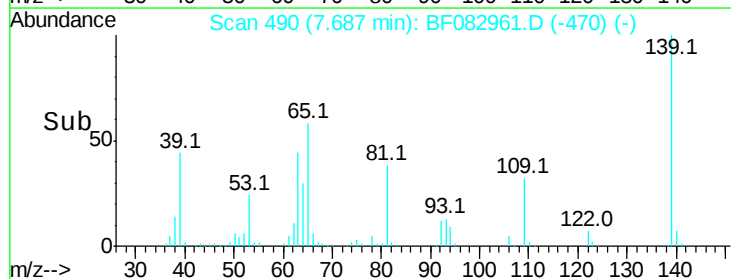
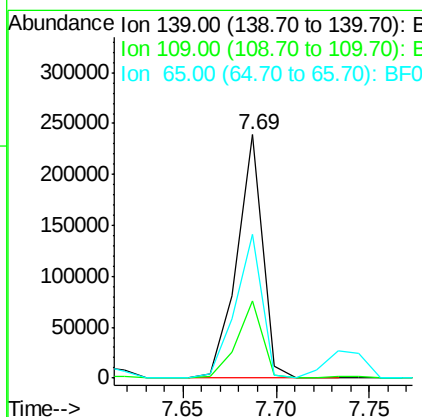
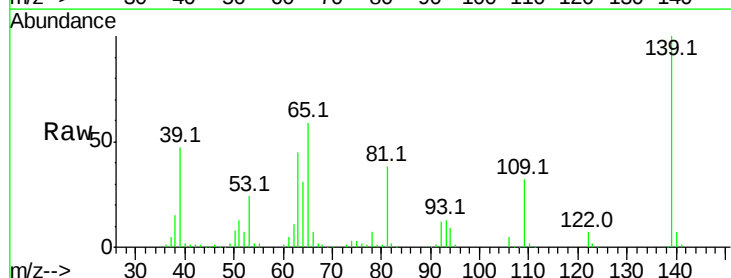
RT: 7.69 min Scan# 490

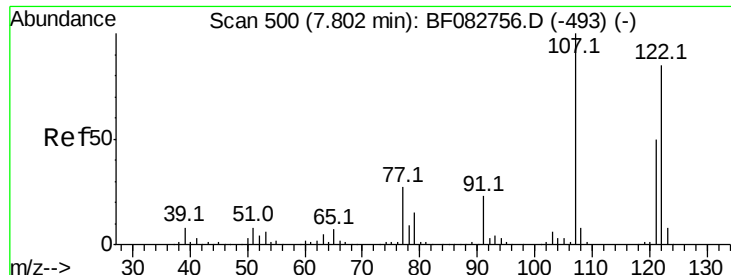
Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	139	Resp:	230005
Ion Ratio	Lower	Upper	
139	100		
109	31.8	37.6	56.4#
65	59.1	70.6	105.8#





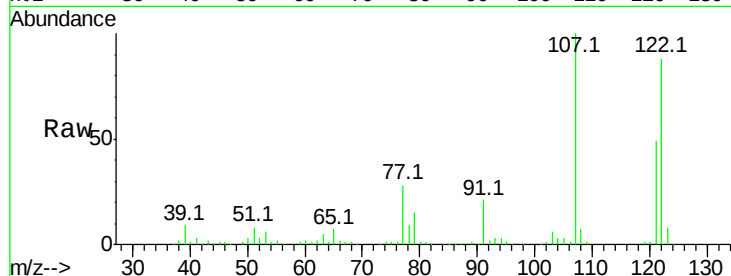
#27
 2,4-Dimethylphenol
 Concen: 29.07 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

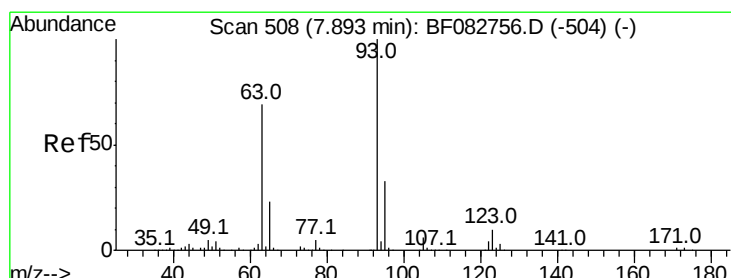
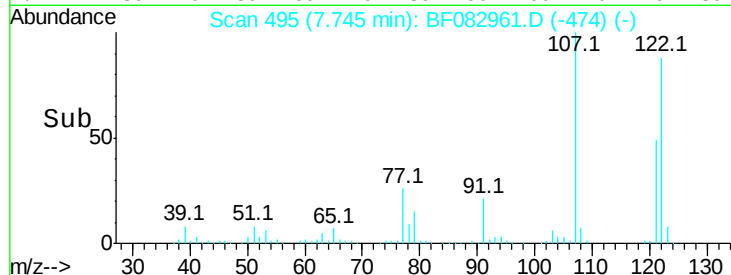
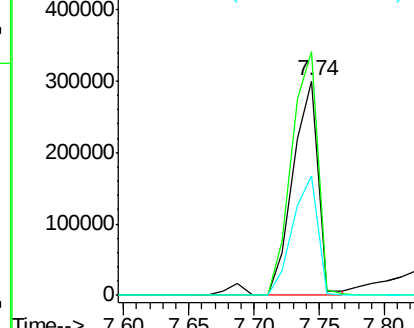
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	106.0	159.0
121	55.8	46.7	70.1

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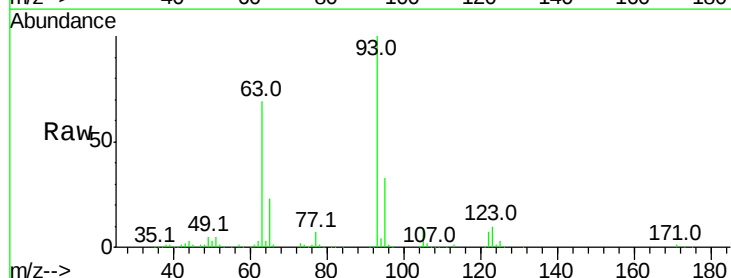


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

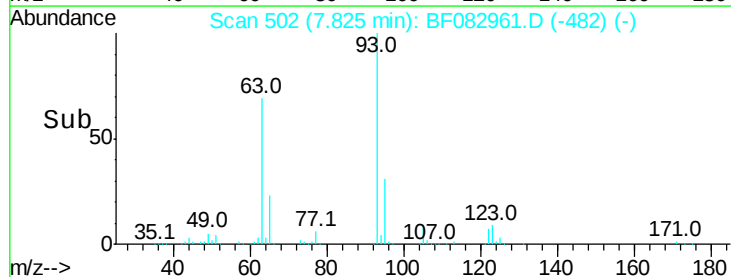
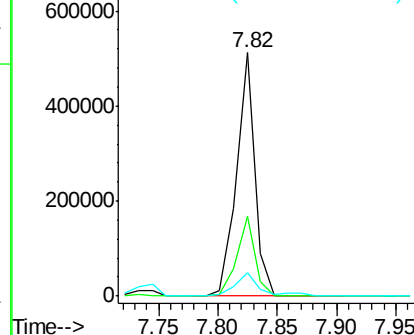


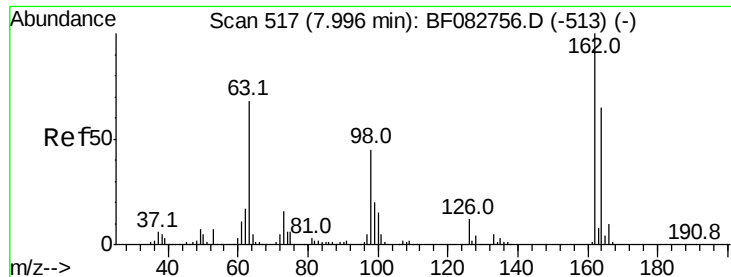
#28
 bis(2-Chloroethoxy)methane
 Concen: 27.85 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	9.7	9.7	14.5



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





#29

2,4-Dichlorophenol

Concen: 30.15 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

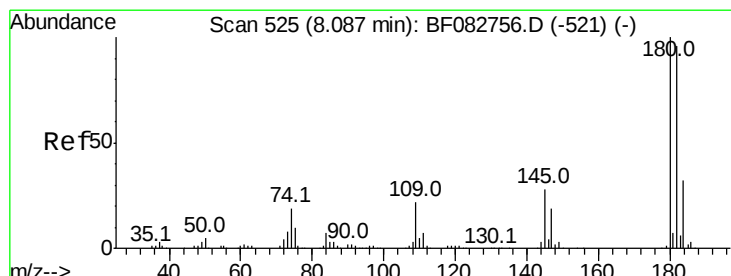
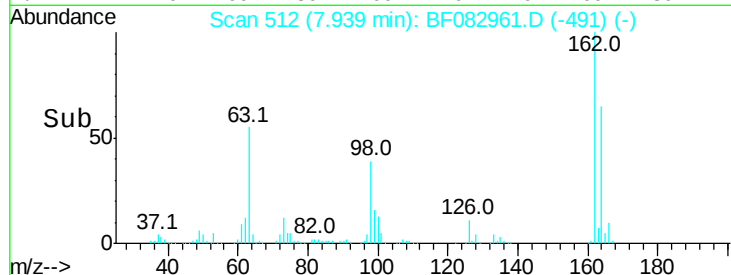
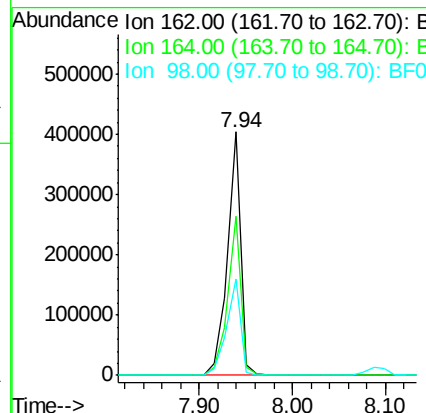
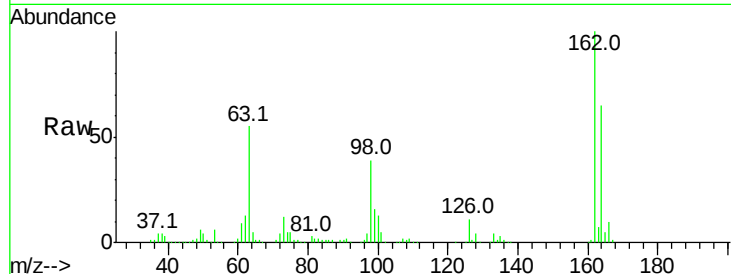
ClientSampleId :

PB86680BS

Tot Ion:	162	Resp:	394475
Ion Ratio	Lower	Upper	
162	100		
164	65.3	46.8	86.8
98	39.5	12.5	52.5

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#30

1,2,4-Trichlorobenzene

Concen: 27.16 ng

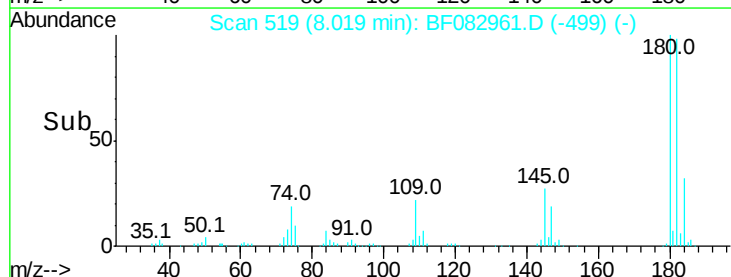
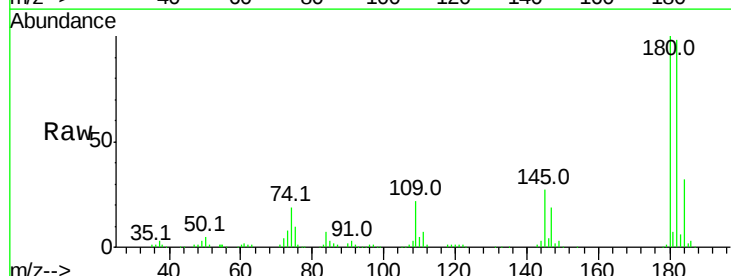
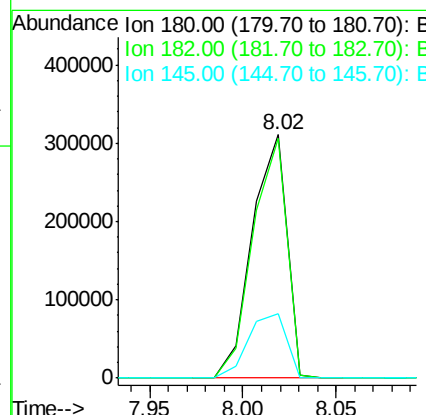
RT: 8.02 min Scan# 519

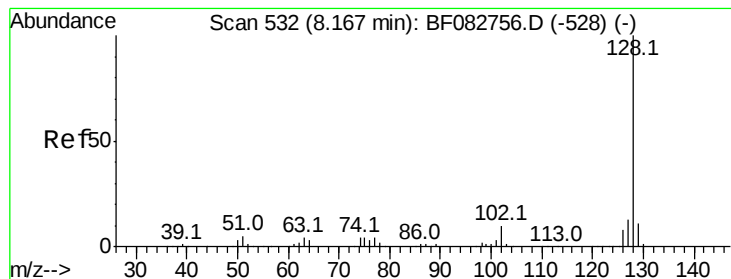
Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	180	Resp:	399610
Ion Ratio	Lower	Upper	
180	100		
182	98.3	74.9	112.3
145	26.7	27.8	41.8#





#31

Naphthalene

Concen: 26.14 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:128 Resp: 1184345

Ion Ratio Lower Upper

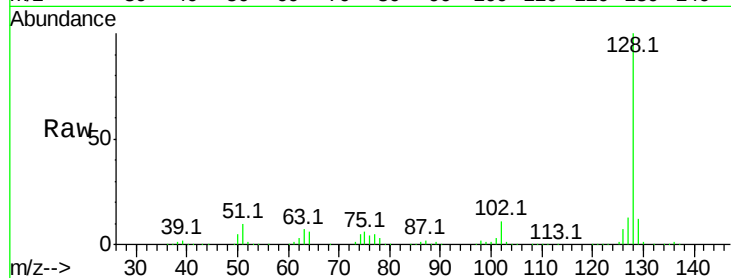
128 100

129 11.7 9.5 14.3

127 13.2 11.4 17.0

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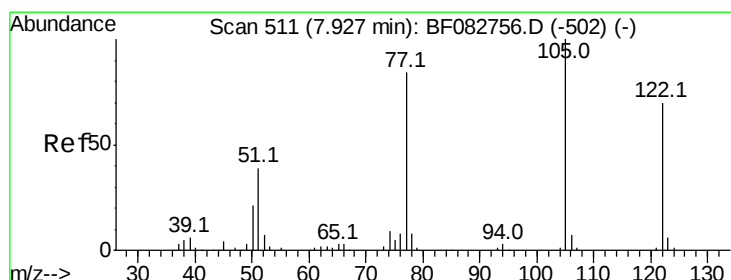
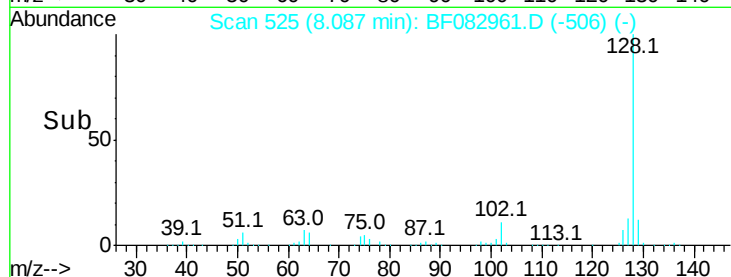
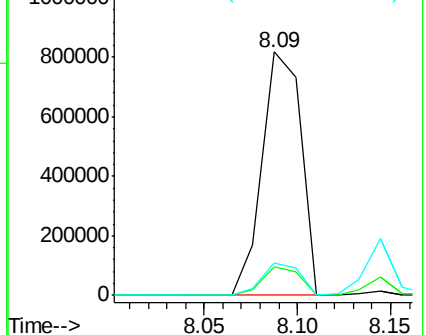
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.87 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

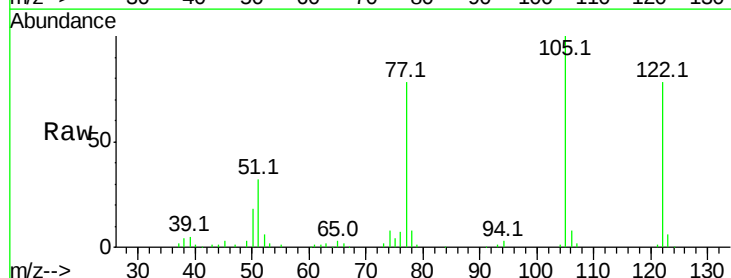
Tgt Ion:122 Resp: 246456

Ion Ratio Lower Upper

122 100

105 128.5 122.6 162.6

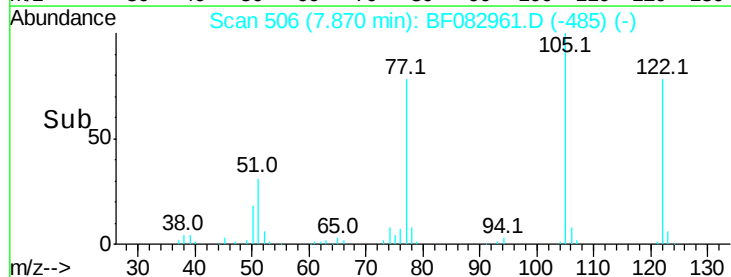
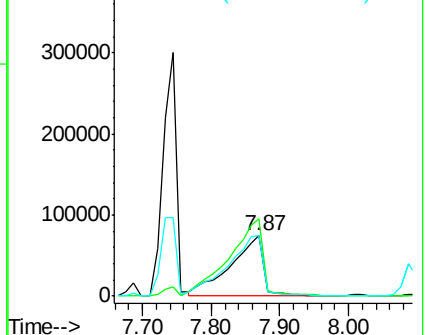
77 100.3 100.9 140.9#

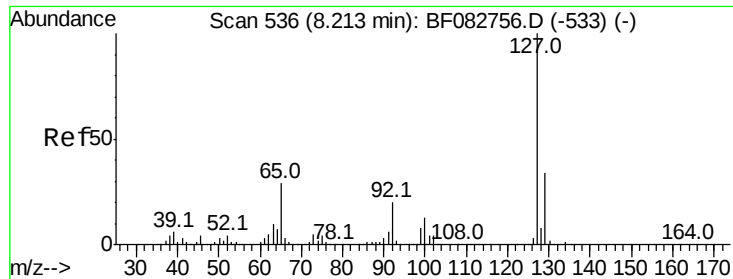


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





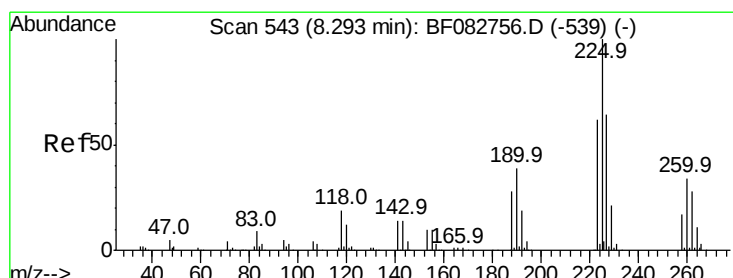
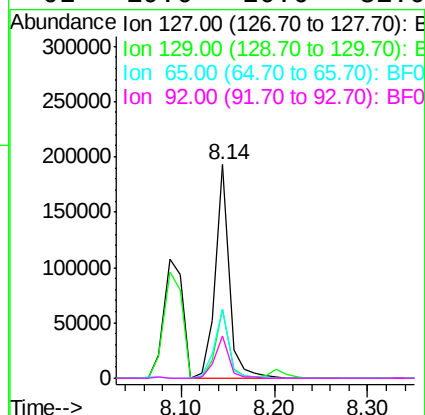
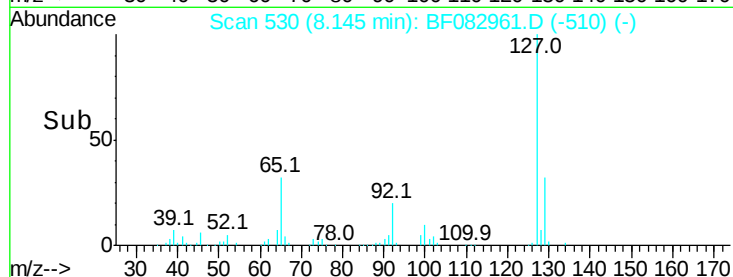
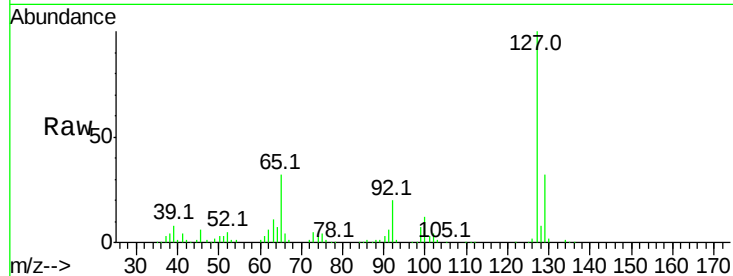
#33
4-Chloroaniline
Concen: 10.26 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.3	26.3	39.5
65	32.3	37.8	56.8
92	19.6	20.6	31.0

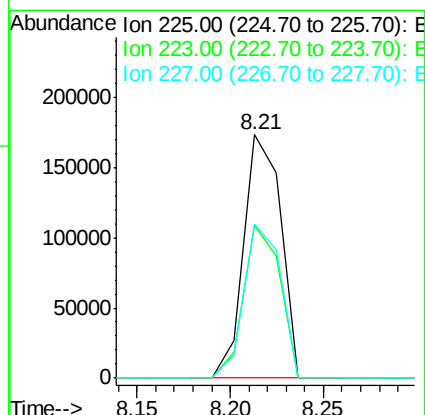
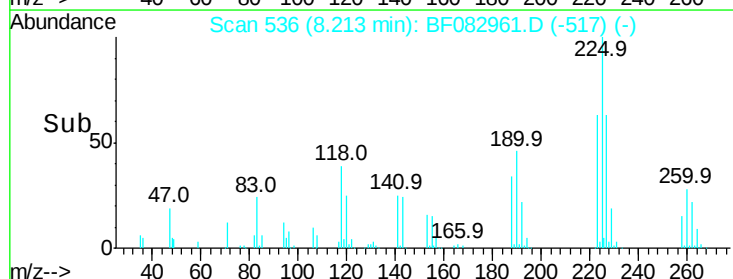
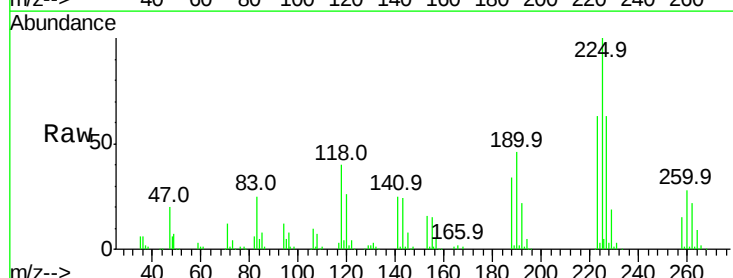
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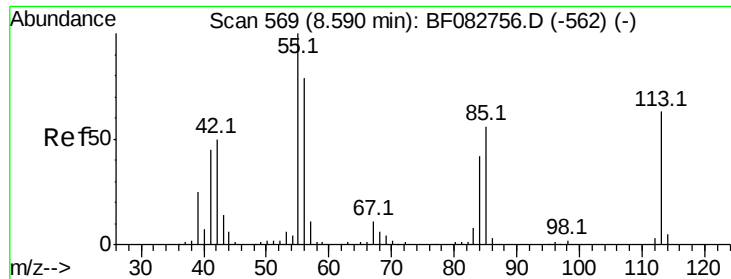
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#34
Hexachlorobutadiene
Concen: 25.84 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.08 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.7	50.5	75.7
227	63.1	50.2	75.2





#35

Caprolactam

Concen: 28.92 ng/ml

RT: 8.51 min Scan# 562

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

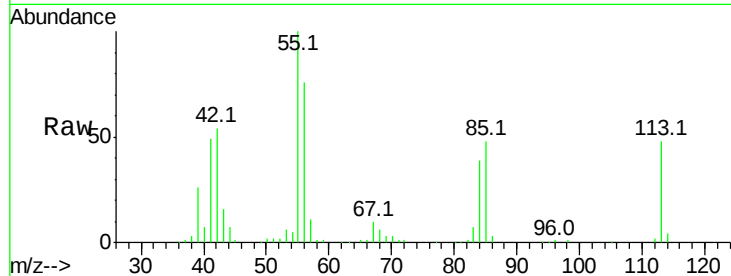
ClientSampleID :

PB86680BS

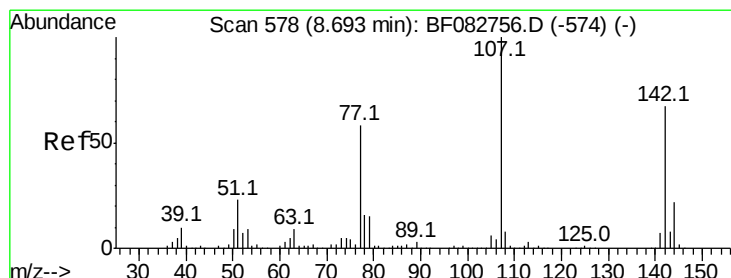
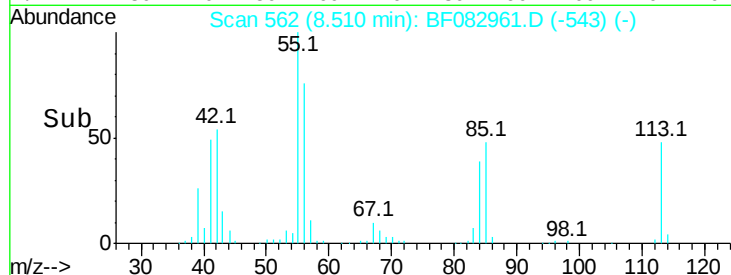
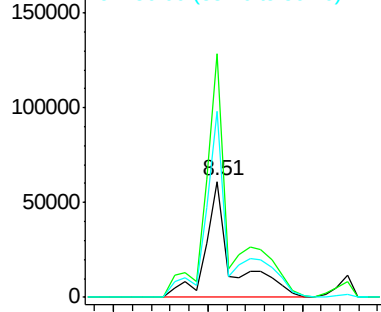
Tot Ion:	113	Resp:	119284
Ion Ratio	Lower	Upper	
113	100		
55	209.7	195.5	235.5
56	160.2	153.5	193.5

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Abundance Ion 113.00 (112.70 to 113.70): E



#36

4-Chloro-3-methylphenol

Concen: 29.64 ng/ml

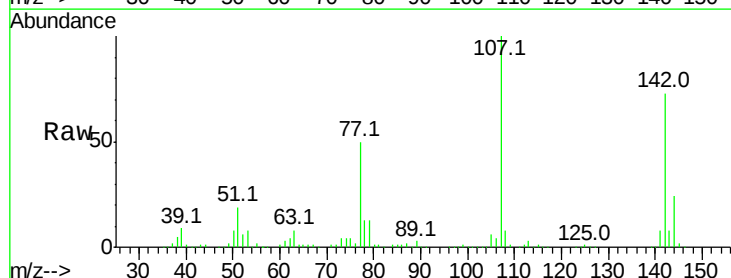
RT: 8.65 min Scan# 574

Delta R.T. -0.05 min

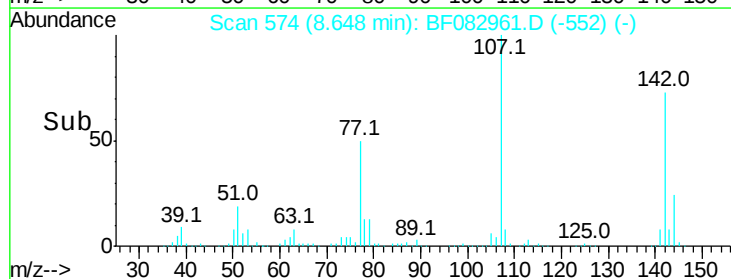
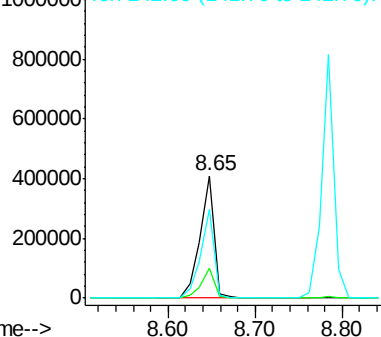
Lab File: BF082961.D

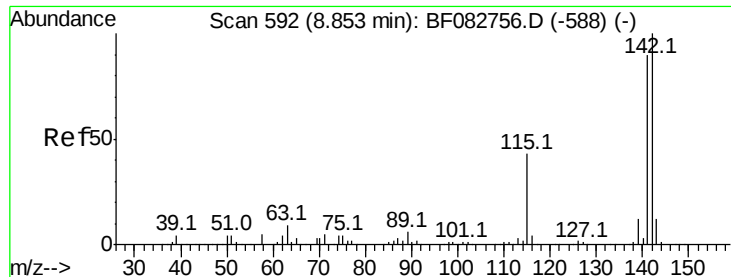
Acq: 17 Nov 2015 2:17

Tgt Ion:	107	Resp:	456090
Ion Ratio	Lower	Upper	
107	100		
144	24.0	15.4	23.0#
142	72.6	47.8	71.8#



Abundance Ion 107.00 (106.70 to 107.70): E





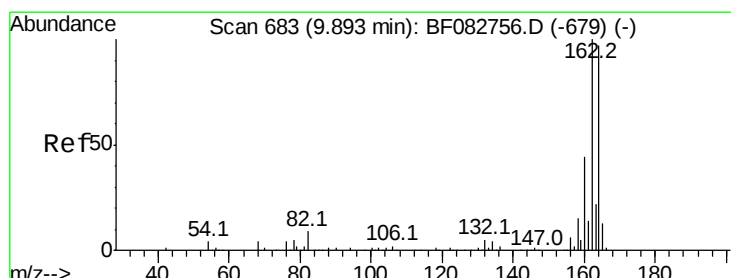
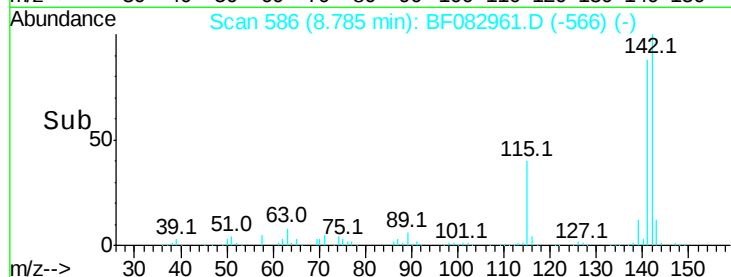
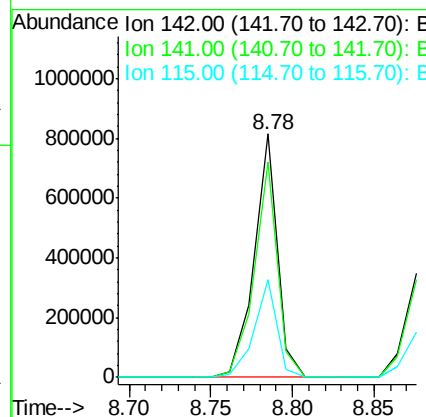
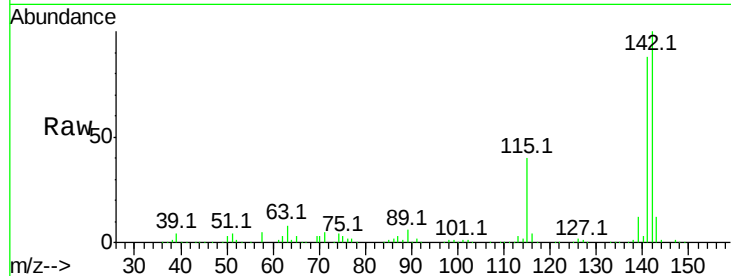
#37
2-Methylnaphthalene
Concen: 27.47 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	805051		
141	88.4	72.3	108.5	
115	39.9	38.1	57.1	

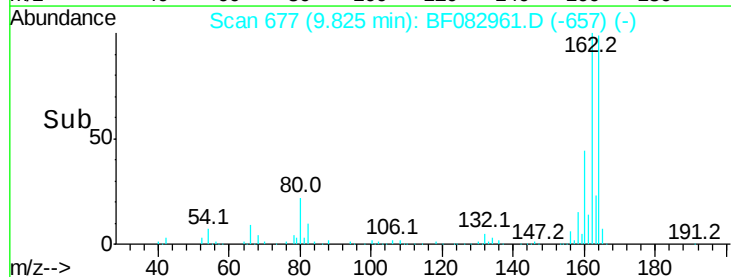
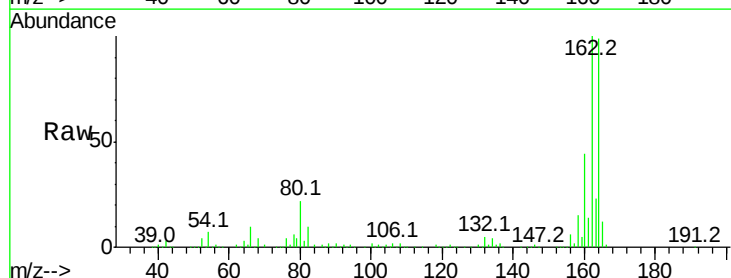
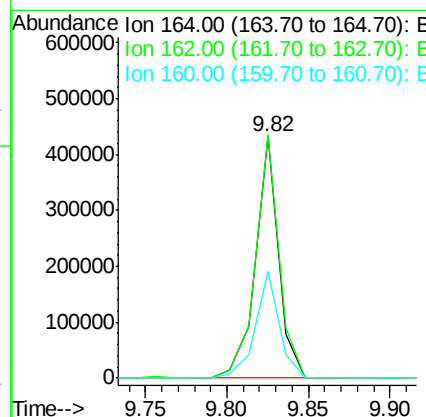
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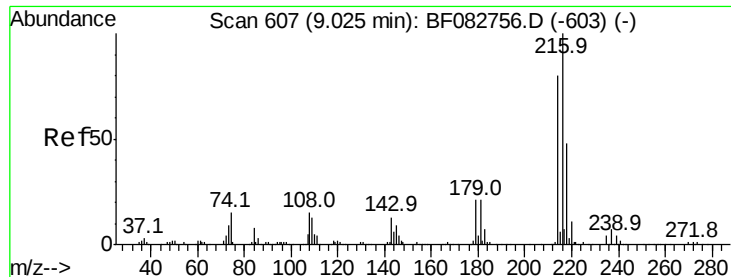
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	424520		
162	100.7	84.9	127.3	
160	44.1	37.5	56.3	





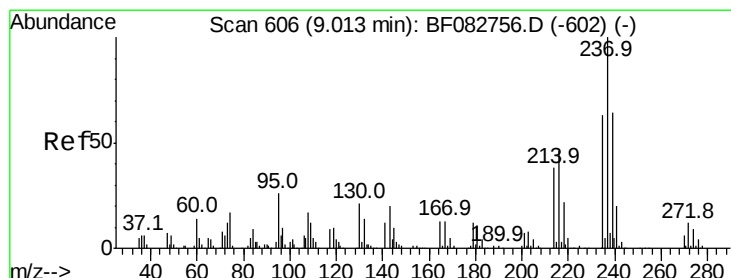
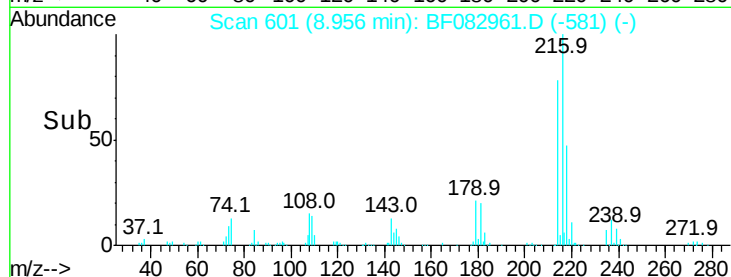
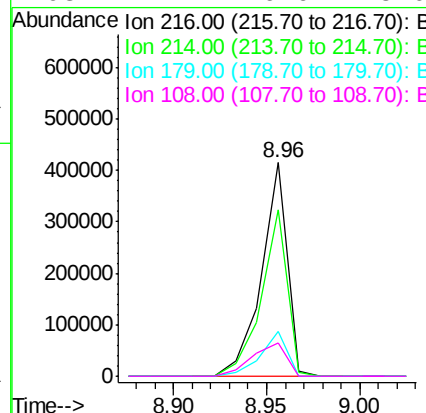
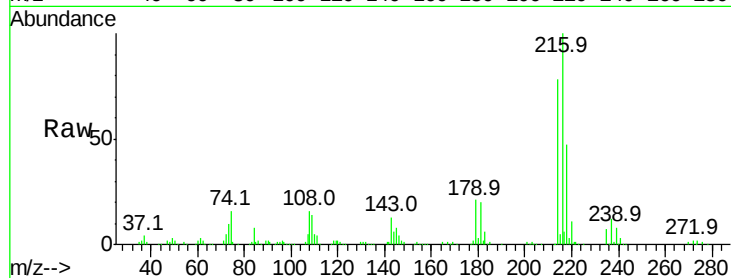
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.81 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

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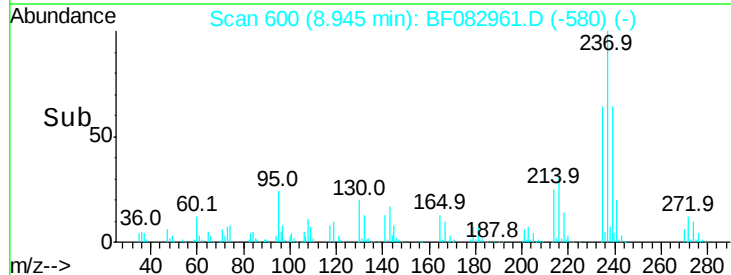
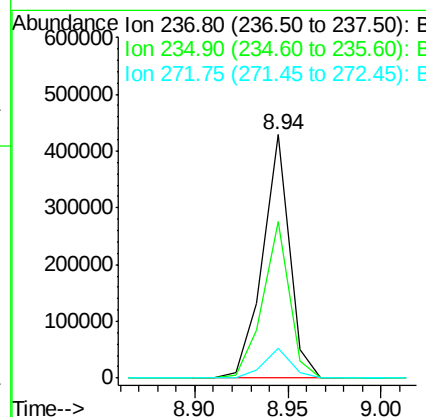
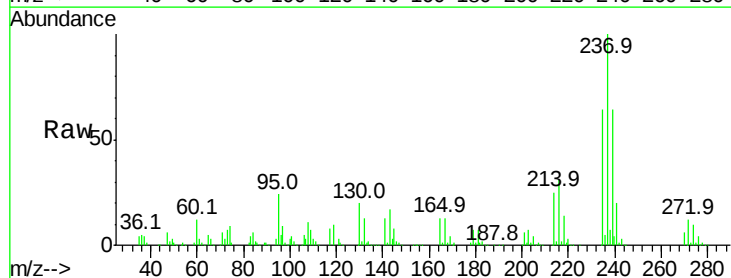
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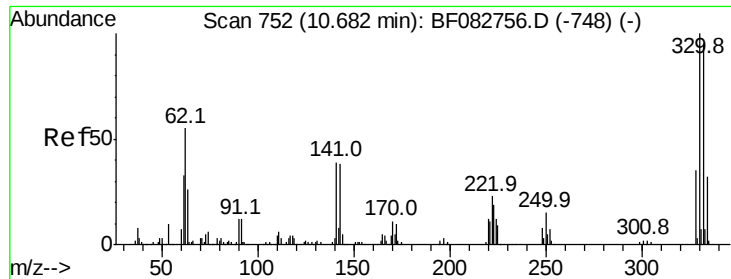
Tot Ion	Ratio	Resp	Lower	Upper
216	100	401923		
214	78.6	62.2	93.2	
179	21.4	18.1	27.1	
108	21.2	16.6	25.0	



#40
 Hexachlorocyclopentadiene
 Concen: 56.74 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	425226		
235	64.1	44.3	84.3	
272	12.0	0.0	31.9	





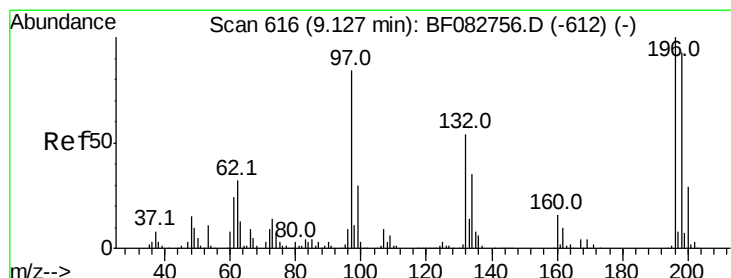
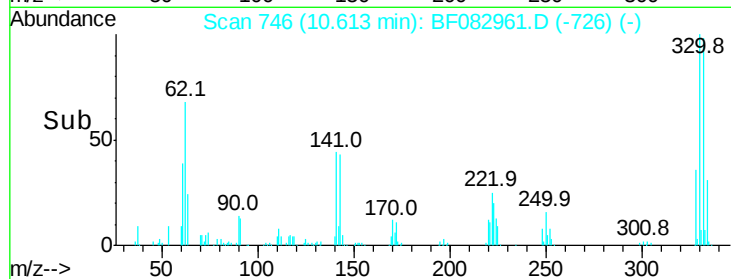
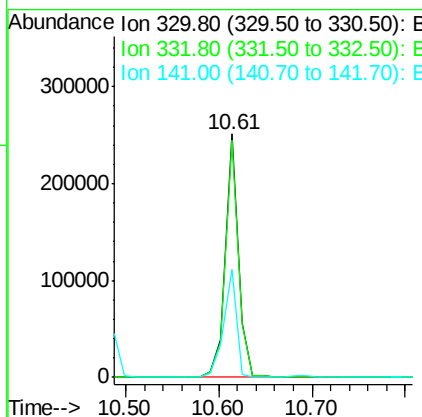
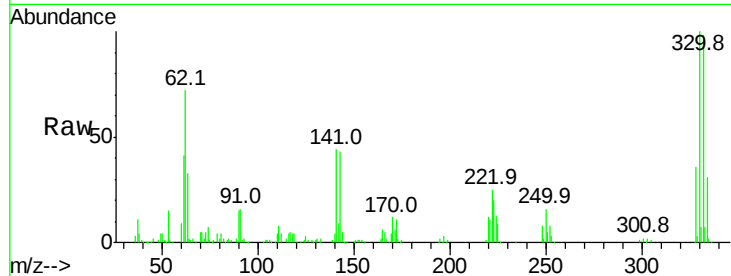
#41
 2,4,6-Tribromophenol
 Concen: 50.38 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245214		
332	97.5	76.6	114.8	
141	43.4	41.2	61.8	

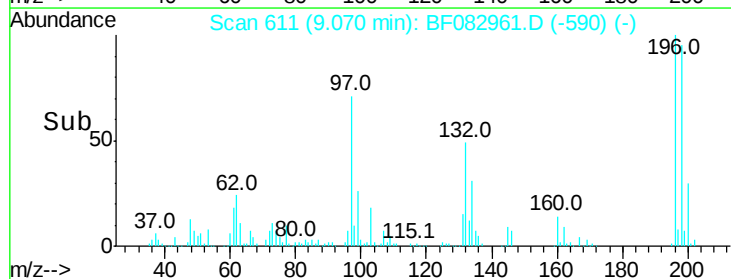
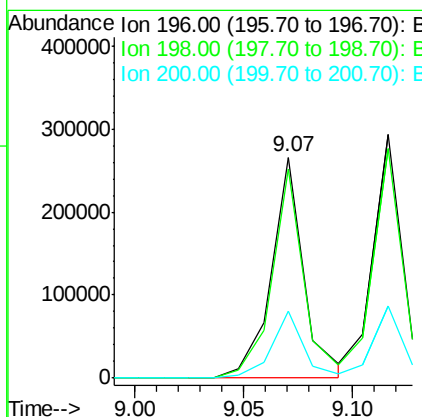
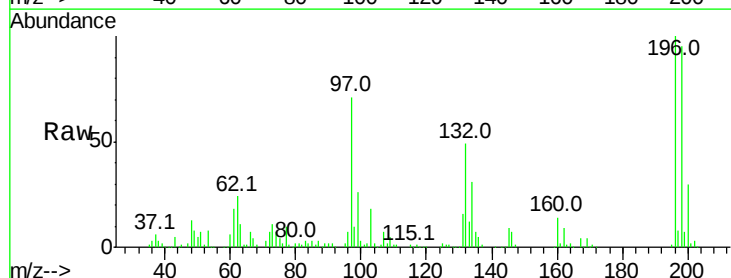
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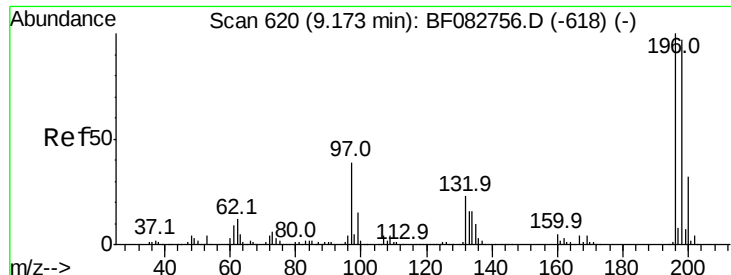
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#42
 2,4,6-Trichlorophenol
 Concen: 26.73 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278362		
198	94.6	76.3	114.5	
200	30.3	23.9	35.9	





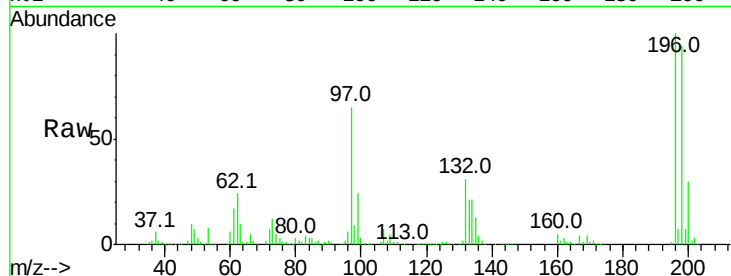
#43
 2,4,5-Trichlorophenol
 Concen: 26.70 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

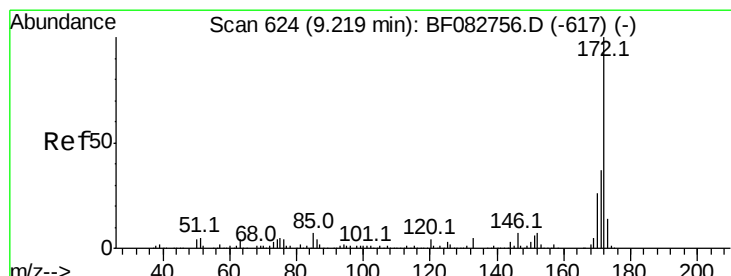
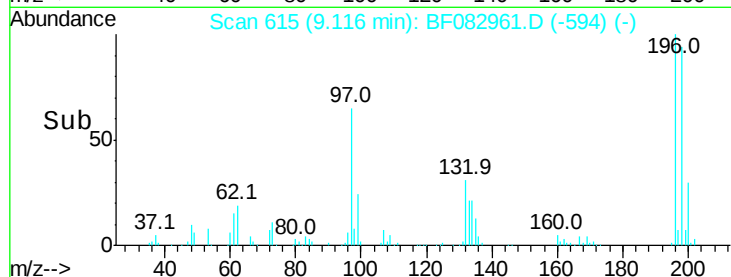
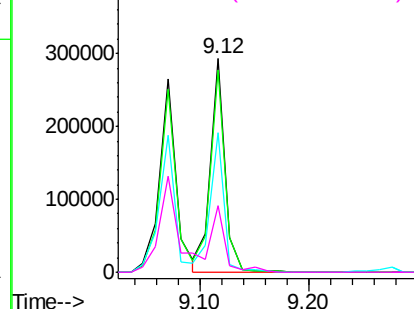
Tot Ion	Ratio	Resp	Lower	Upper
196	100	274985		
198	94.4	75.8	113.8	
97	65.1	62.3	93.5	
132	31.1	27.4	41.2	

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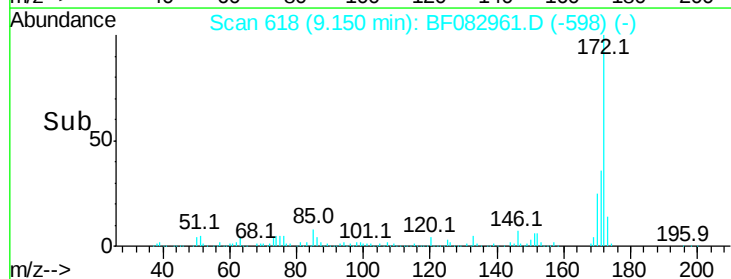
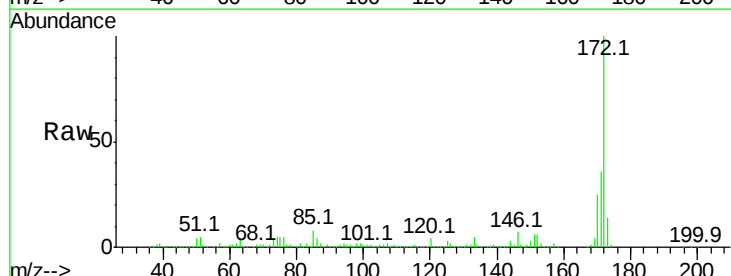
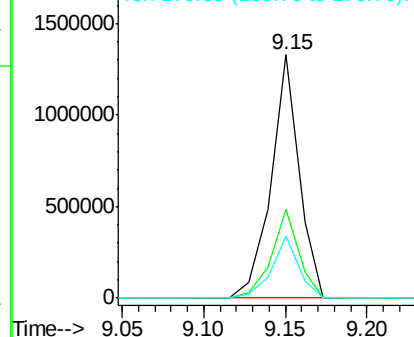
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

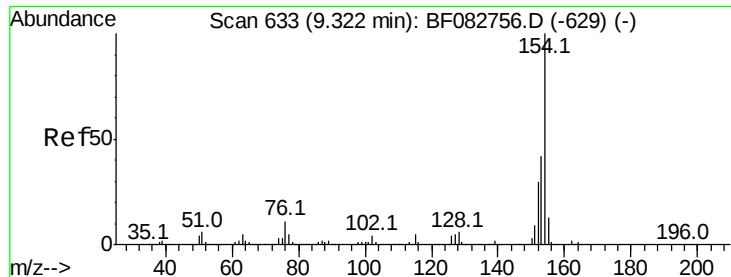


#44
 2-Fluorobiphenyl
 Concen: 53.55 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1586118		
171	36.3	30.8	46.2	
170	25.2	21.2	31.8	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 29.94 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:154 Resp: 1090675

Ion Ratio Lower Upper

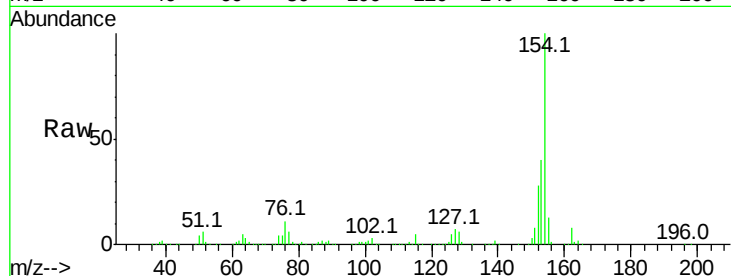
154 100

153 40.2 22.0 62.0

76 11.4 0.0 29.0

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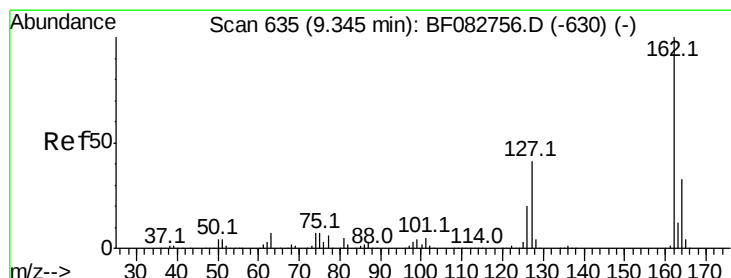
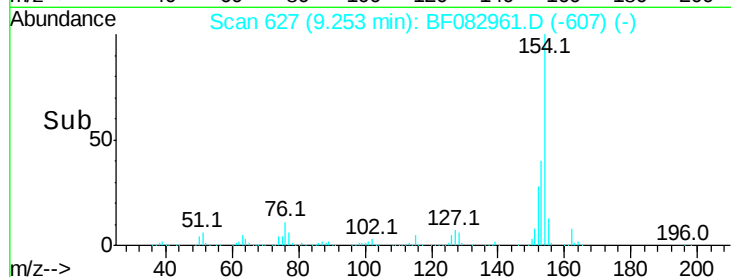
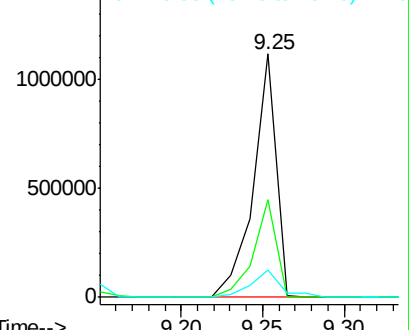
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 29.34 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

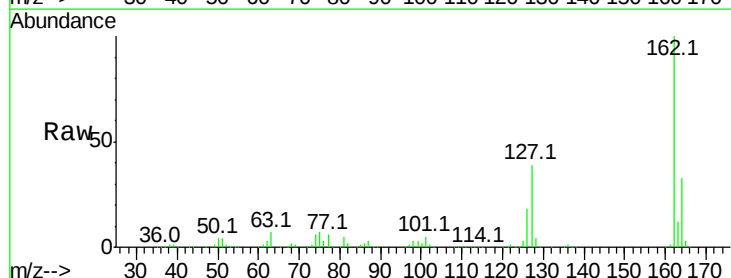
Tgt Ion:162 Resp: 833549

Ion Ratio Lower Upper

162 100

127 38.6 32.7 49.1

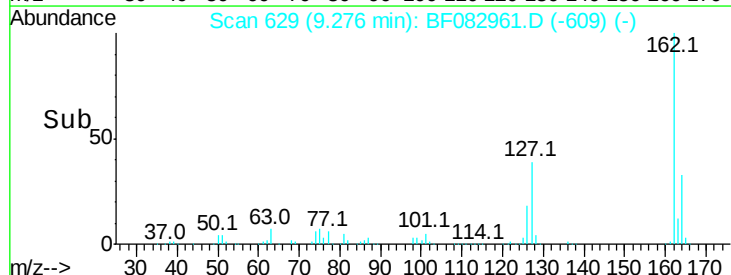
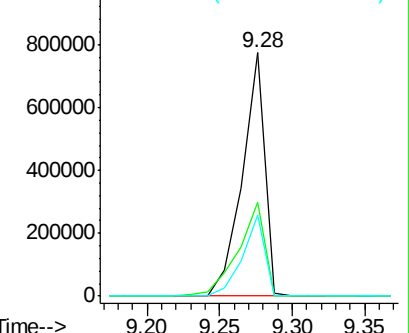
164 33.4 27.4 41.0

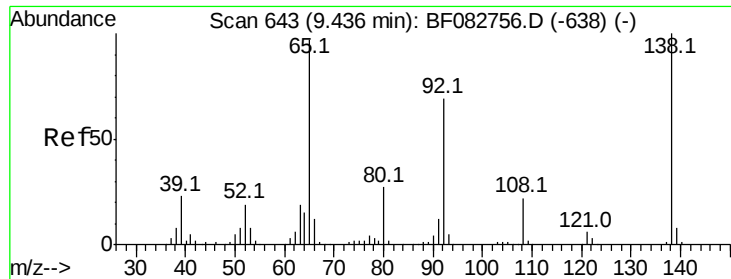


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





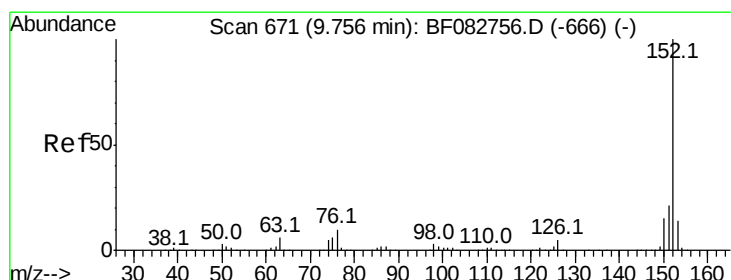
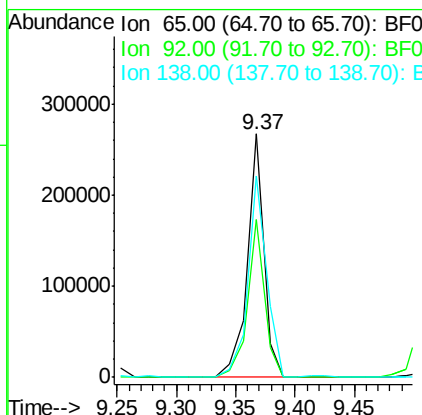
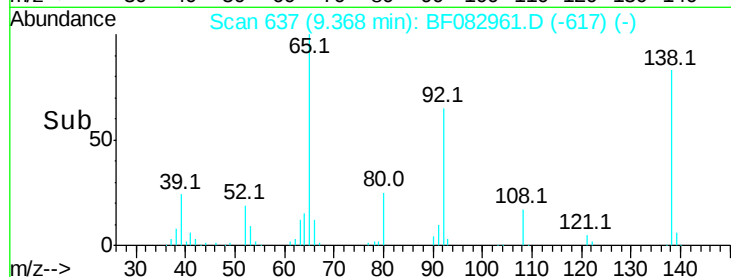
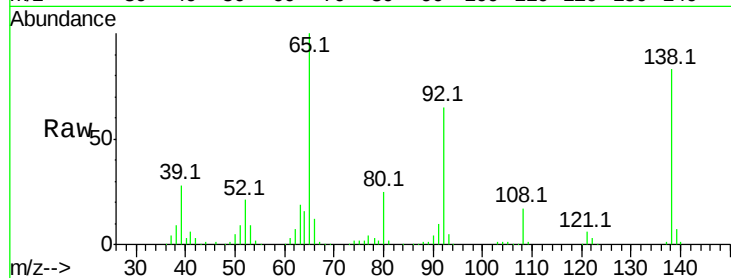
#47
 2-Nitroaniline
 Concen: 24.91 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion:	65	Resp:	262618
Ion Ratio	Lower	Upper	
65	100		
92	64.9	46.6	70.0
138	82.9	54.6	81.8#

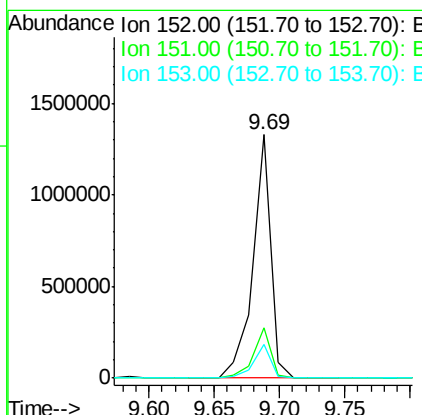
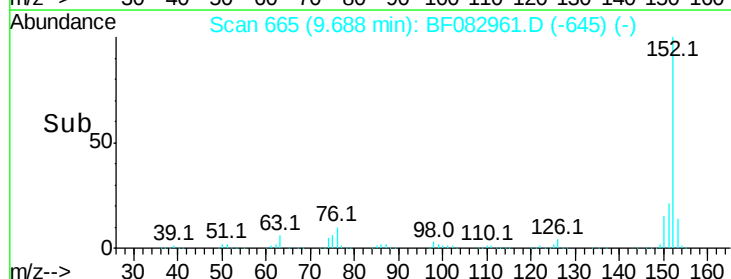
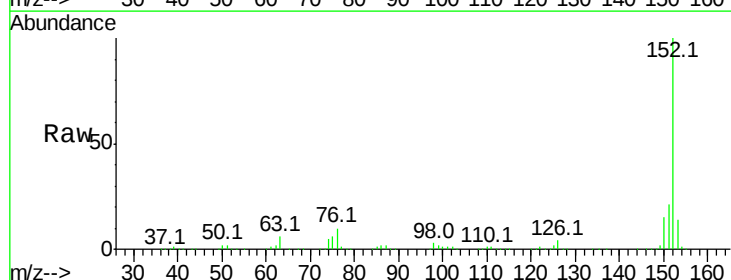
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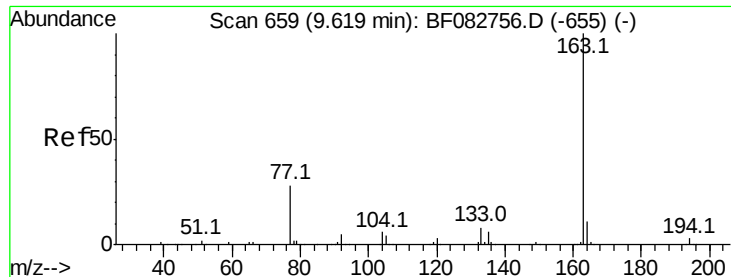
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#48
 Acenaphthylene
 Concen: 28.40 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion:	152	Resp:	1264755
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.3	25.9
153	13.6	11.3	16.9





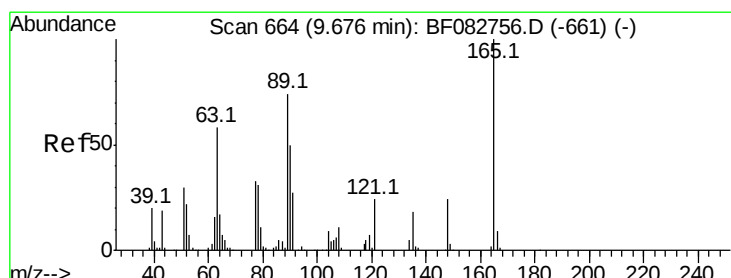
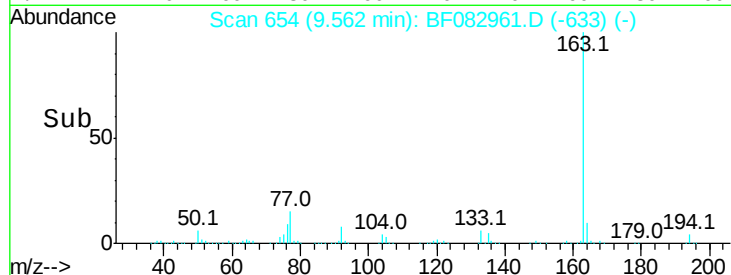
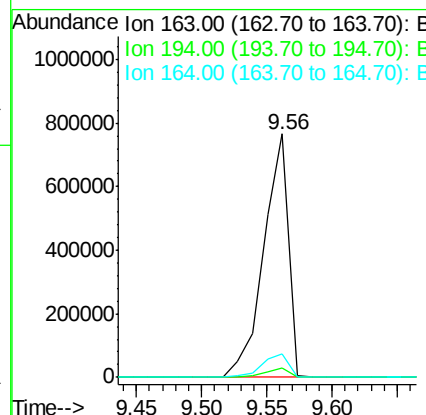
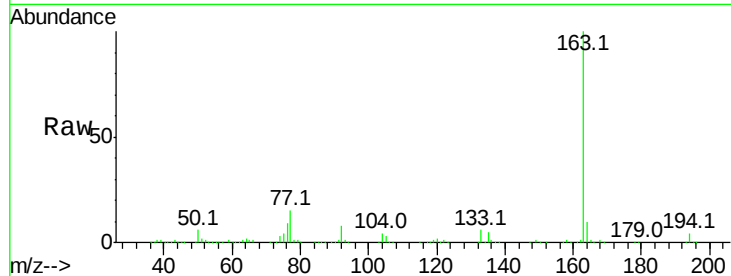
#49
Dimethylphthalate
Concen: 29.03 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion:163 Resp: 1009648
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.7 13.1

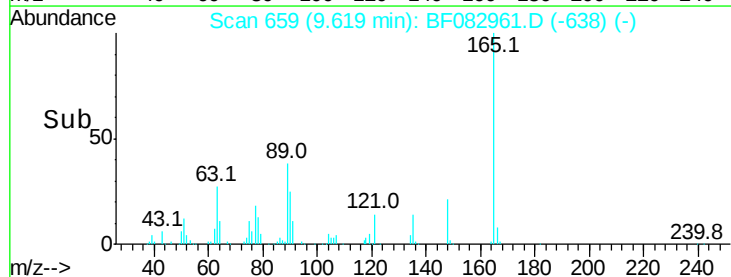
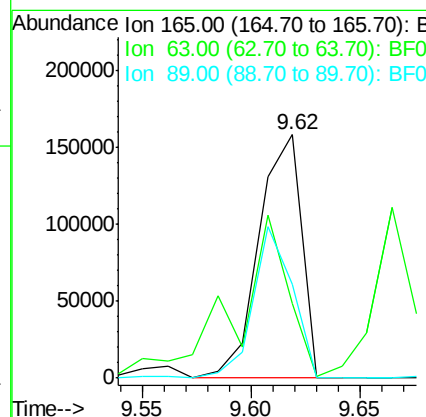
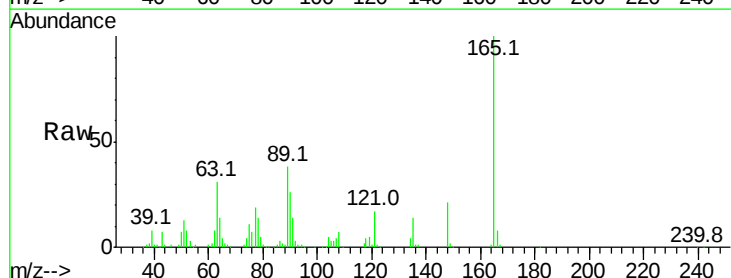
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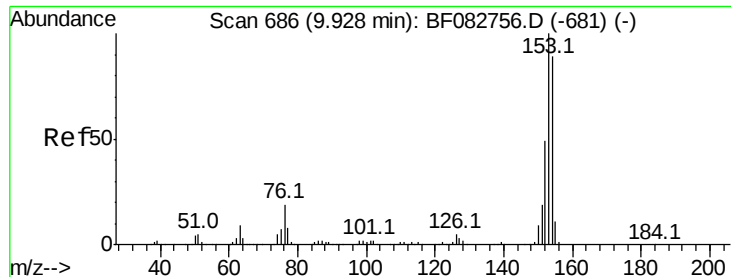
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#50
2,6-Dinitrotoluene
Concen: 29.21 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion:165 Resp: 216758
Ion Ratio Lower Upper
165 100
63 30.6 55.5 83.3#
89 38.4 55.0 82.6#





#51

Acenaphthene

Concen: 30.65 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

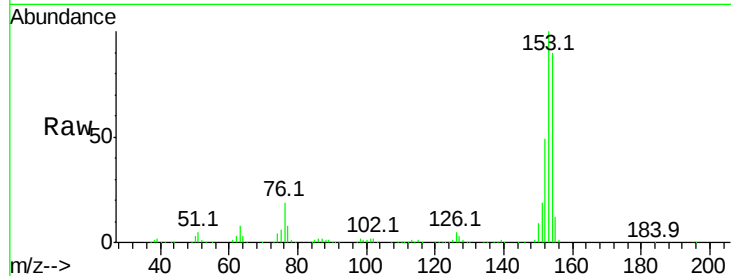
ClientSampleId :

PB86680BS

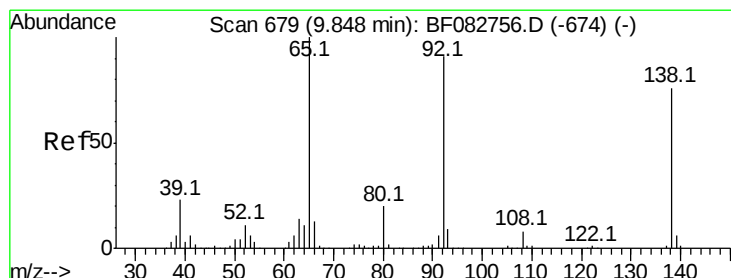
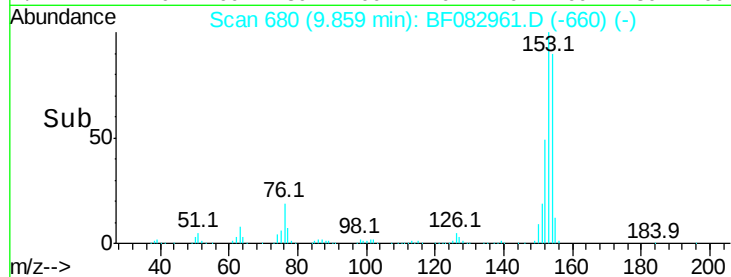
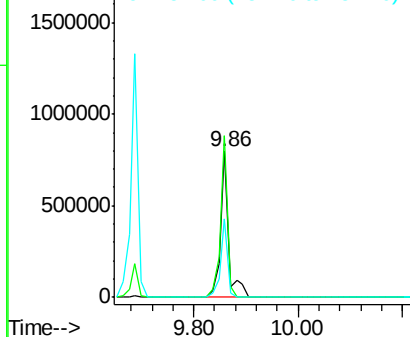
Tot Ion:	154	Resp:	865122
Ion Ratio	Lower	Upper	
154	100		
153	111.0	90.1	135.1
152	54.2	44.3	66.5

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



#52

3-Nitroaniline

Concen: 13.88 ng

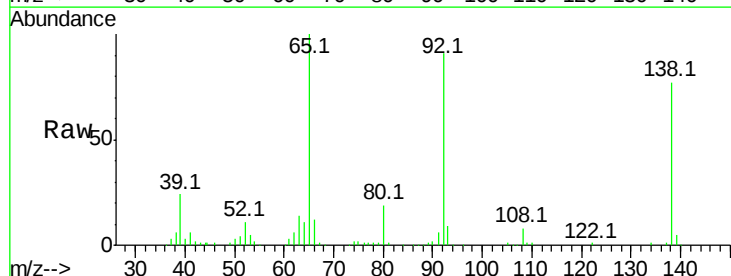
RT: 9.78 min Scan# 673

Delta R.T. -0.07 min

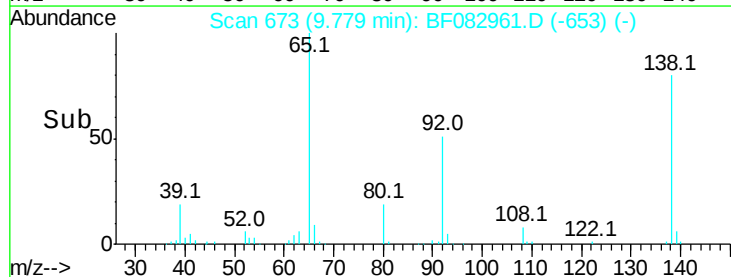
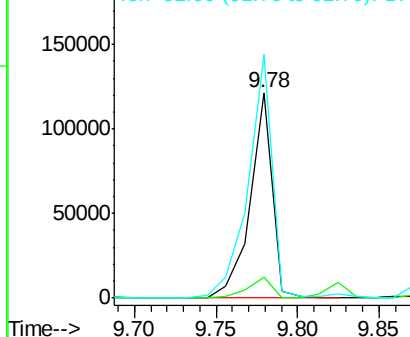
Lab File: BF082961.D

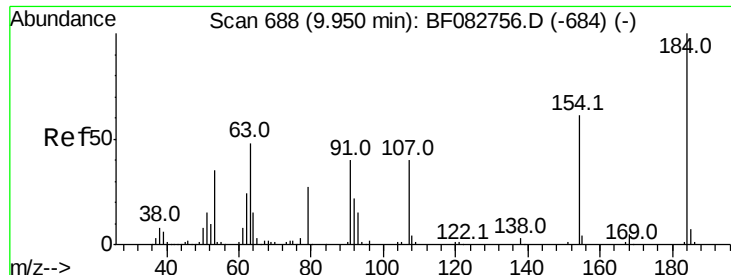
Acq: 17 Nov 2015 2:17

Tgt Ion:	138	Resp:	113275
Ion Ratio	Lower	Upper	
138	100		
108	10.1	11.3	16.9#
92	118.4	122.4	183.6#



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





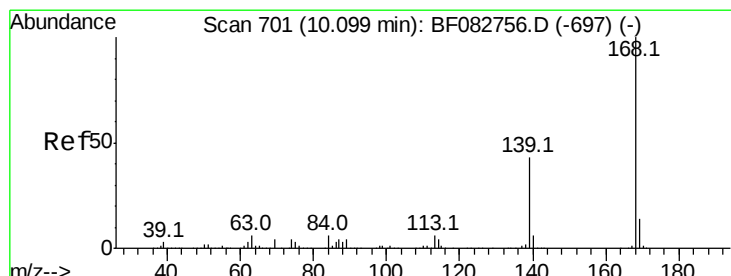
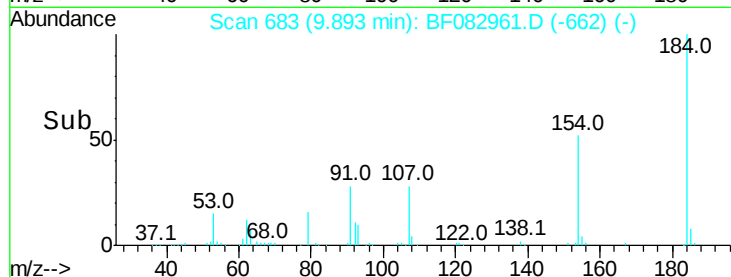
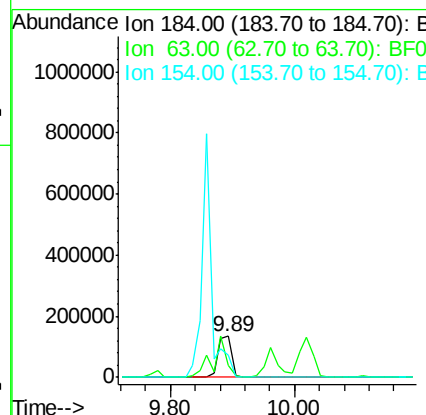
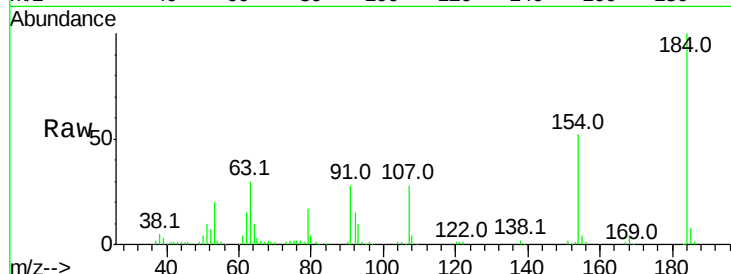
#53
 2,4-Dinitrophenol
 Concen: 50.78 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleID :
 PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	206896		
63	29.7	98.6	148.0#	
154	52.5	183.9	275.9#	

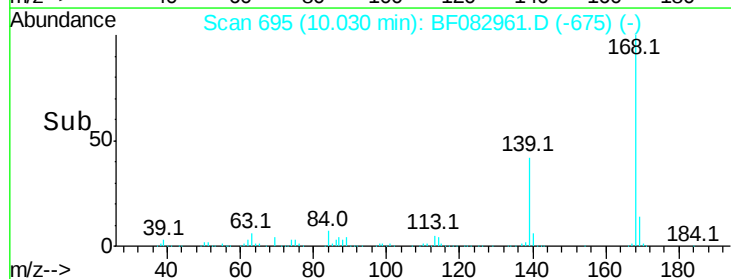
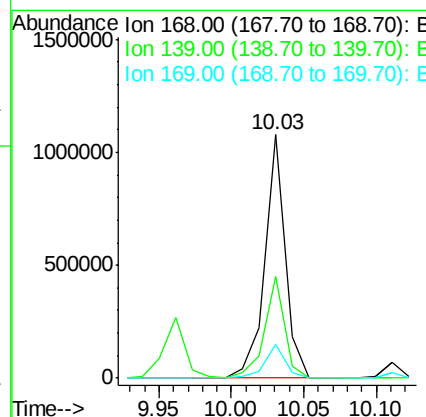
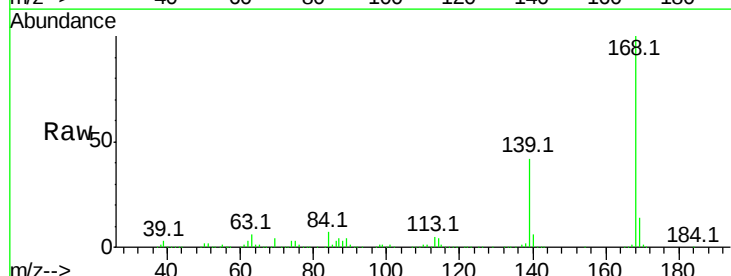
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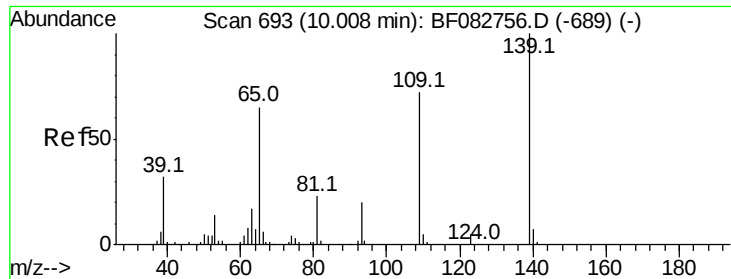
mmdadoda
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#54
 Dibenzofuran
 Concen: 27.60 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1050083		
139	41.9	37.8	56.6	
169	14.0	11.3	16.9	





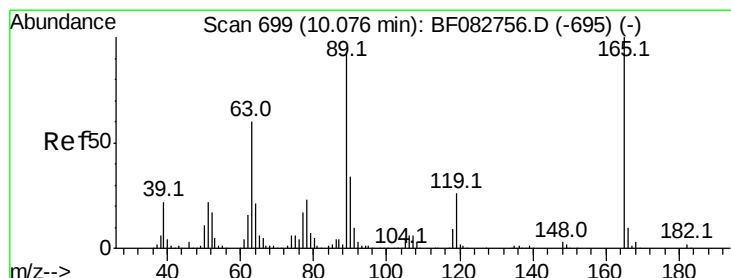
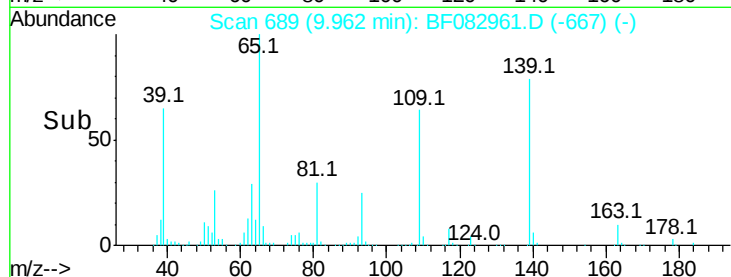
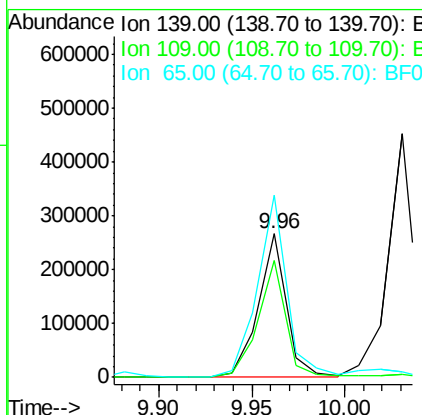
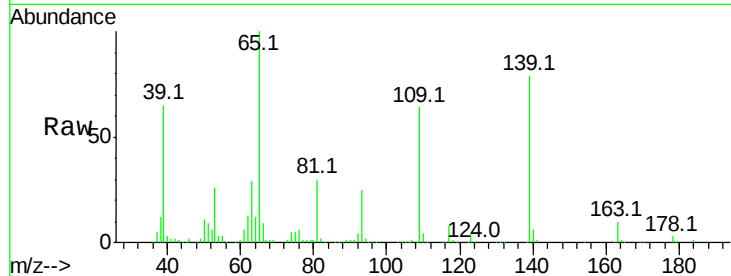
#55
4-Nitrophenol
Concen: 44.58 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	81.7	73.7	113.7
65	126.9	82.9	122.9#

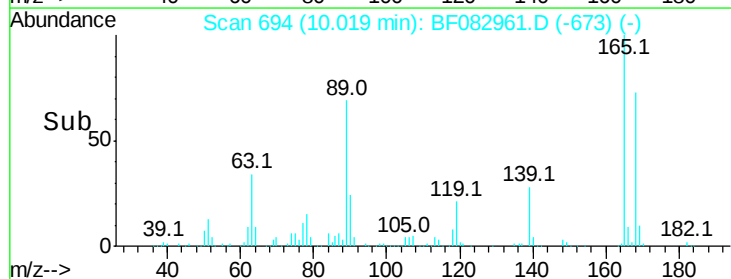
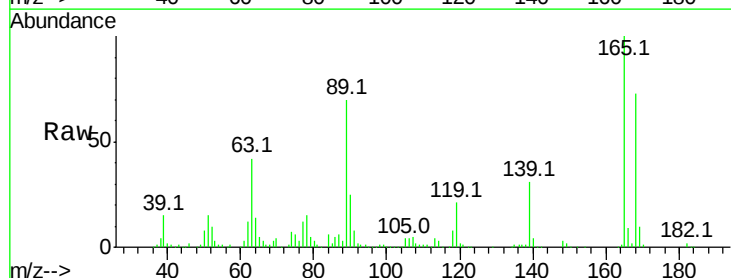
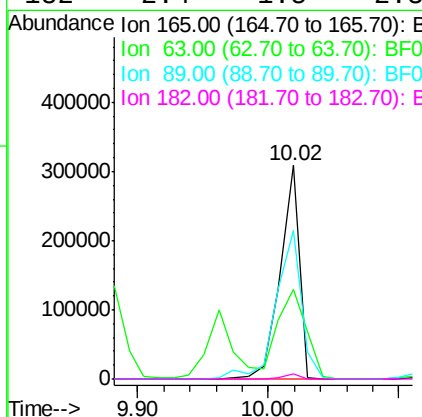
Manual Integrations
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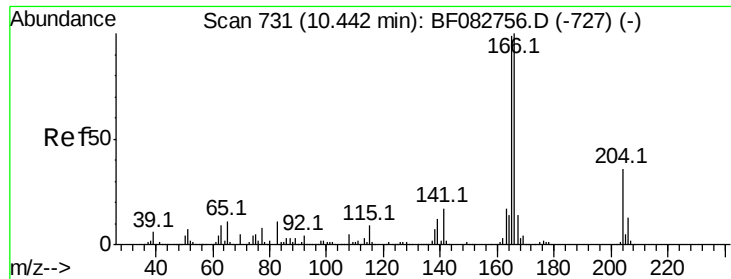
mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 31.55 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.9	43.4	65.0#
89	69.6	70.6	106.0#
182	2.4	1.5	2.3#





#57

Fluorene

Concen: 27.98 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

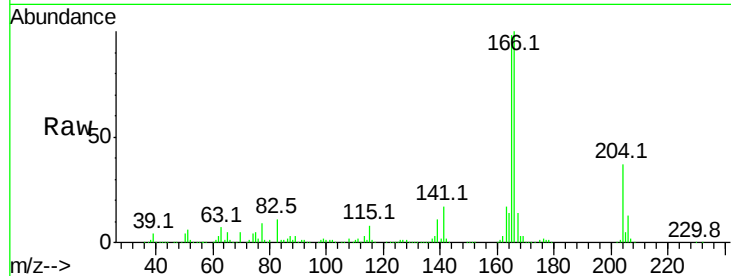
ClientSampleId :

PB86680BS

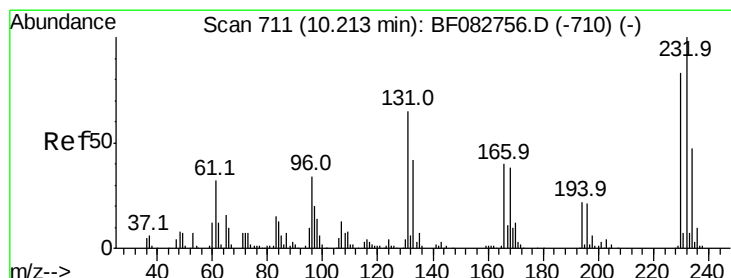
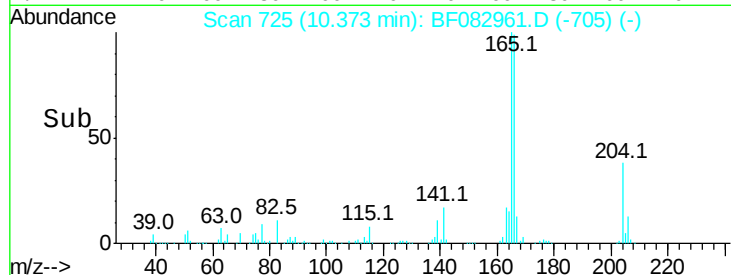
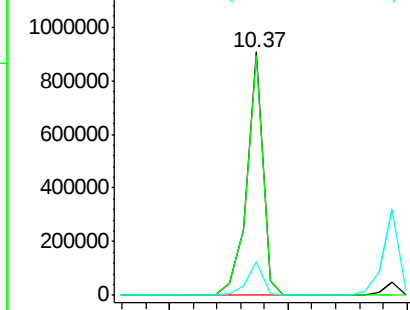
Tot Ion:	166	Resp:	862237
Ion Ratio	Lower	Upper	
166	100		
165	98.3	80.2	120.4
167	13.7	11.2	16.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.29 ng

RT: 10.16 min Scan# 706

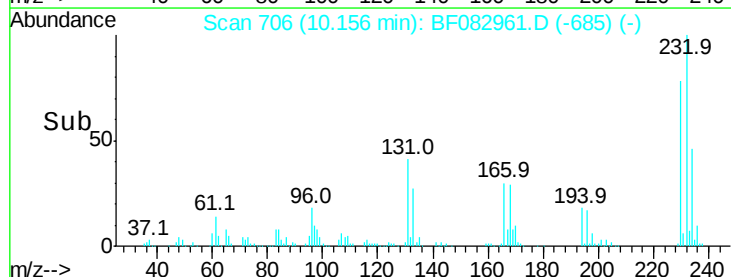
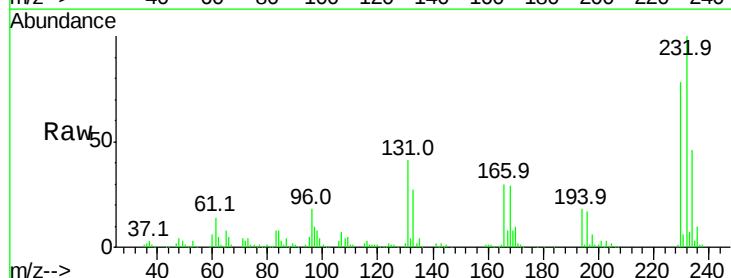
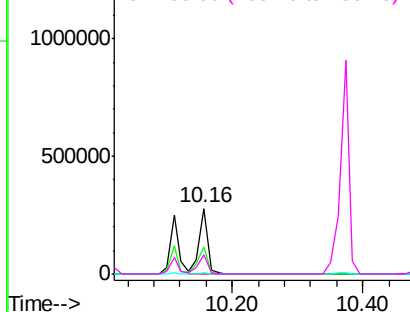
Delta R.T. -0.06 min

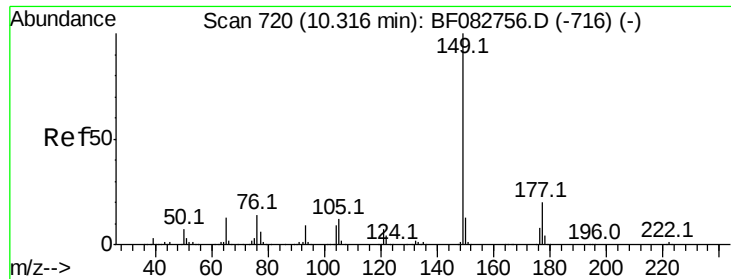
Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	232	Resp:	254601
Ion Ratio	Lower	Upper	
232	100		
131	45.3	46.2	69.2#
130	2.1	2.4	3.6#
166	30.9	28.2	42.2

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





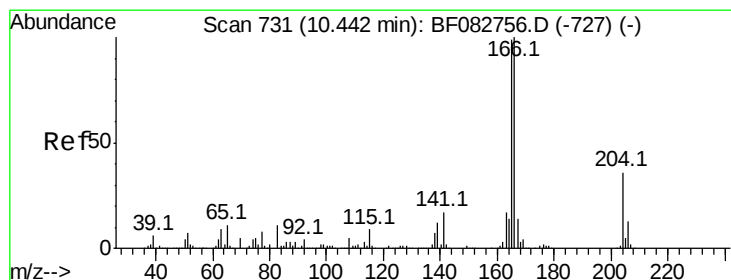
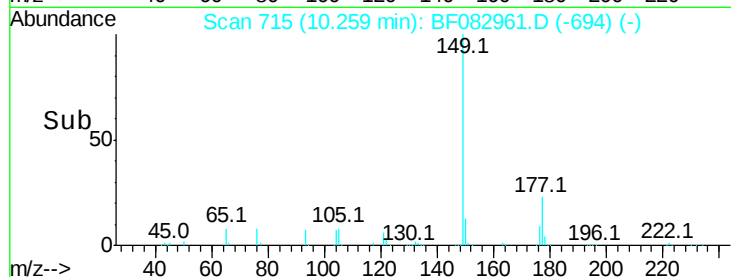
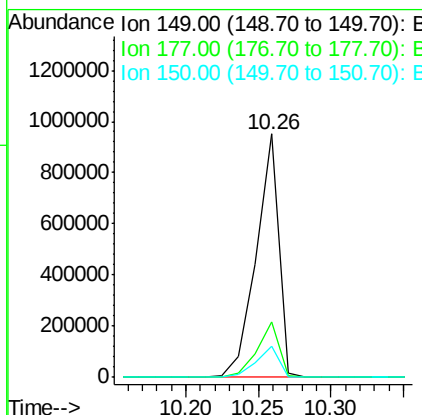
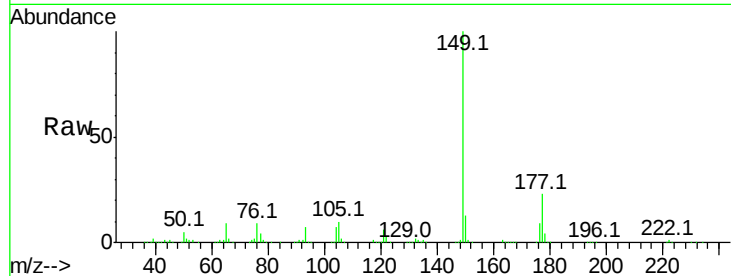
#59
Diethylphthalate
Concen: 30.37 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.9	26.9
150	12.6	10.1	15.1

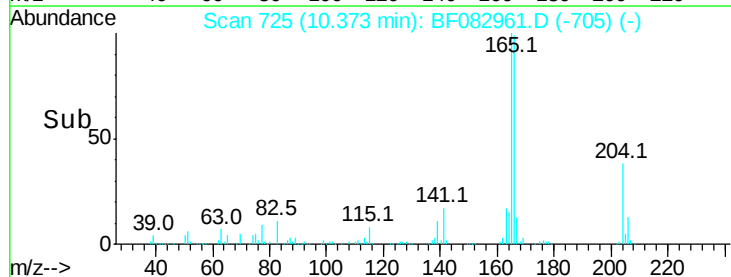
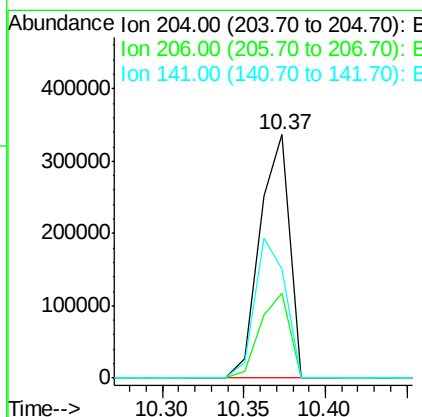
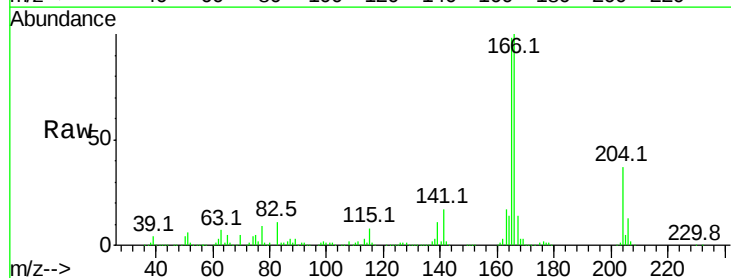
Manual Integrations
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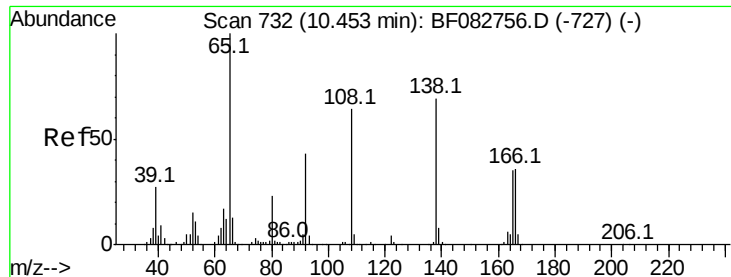
mmdadoda
11/17/2015 5:56:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 27.50 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	45.0	44.6	66.8





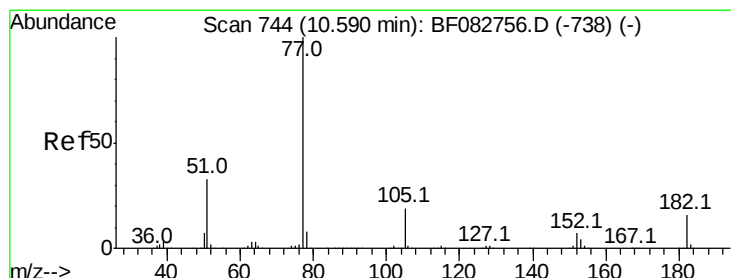
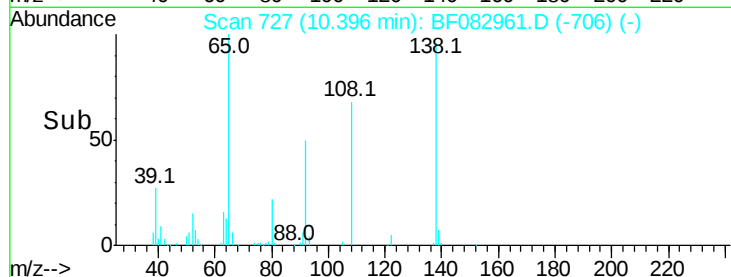
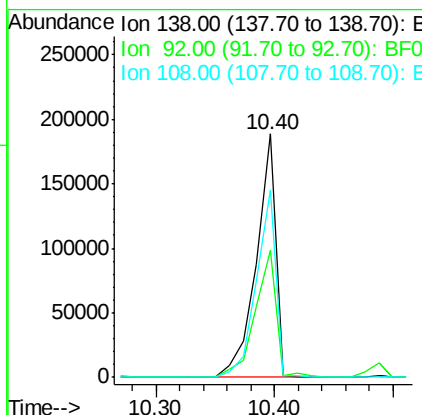
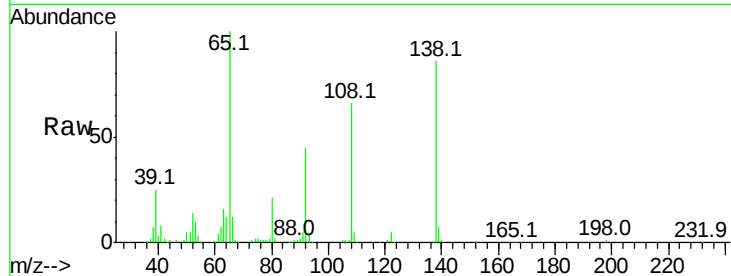
#61
4-Nitroaniline
Concen: 26.55 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.06 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.4	45.8	85.8
108	76.8	89.4	129.4

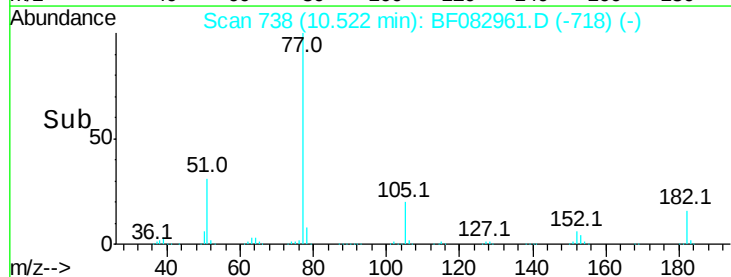
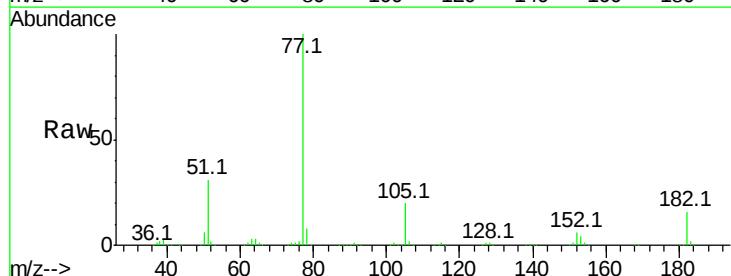
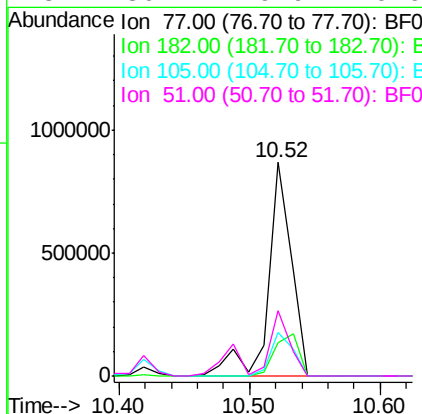
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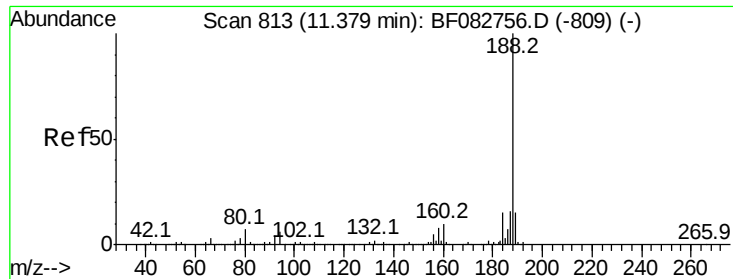
mmdadoda
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#62
Azobenzene
Concen: 29.85 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.8	9.3	49.3
105	20.4	2.6	42.6
51	30.7	9.9	49.9





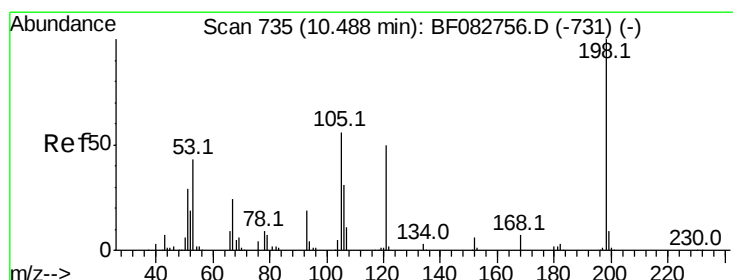
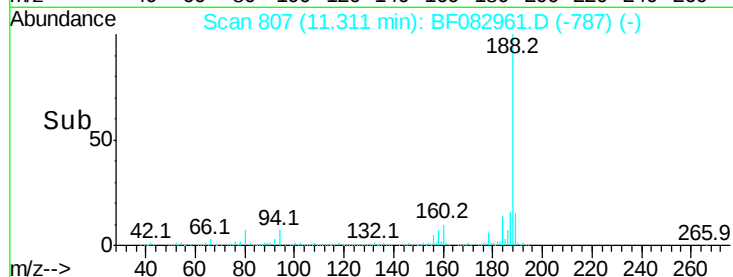
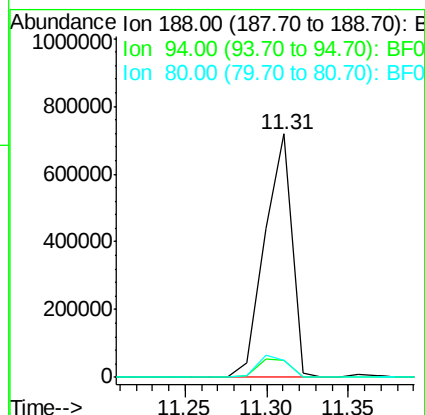
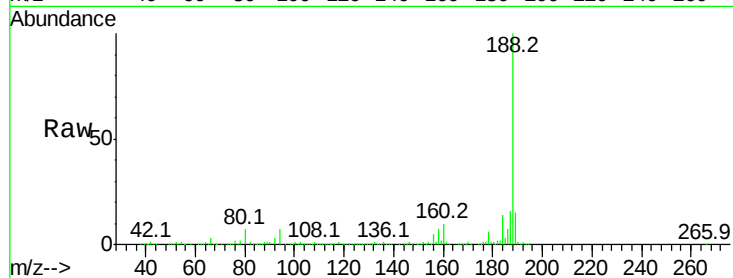
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	835477		
94	6.9	6.1	9.1	
80	7.2	7.0	10.6	

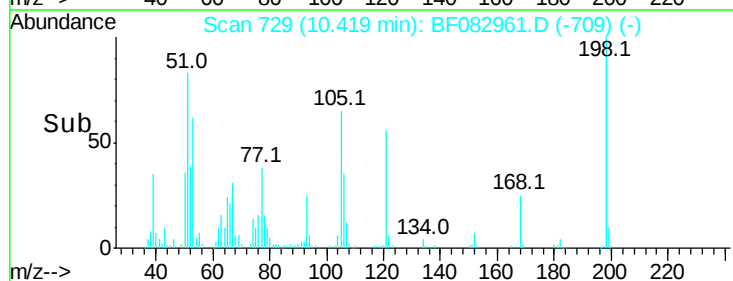
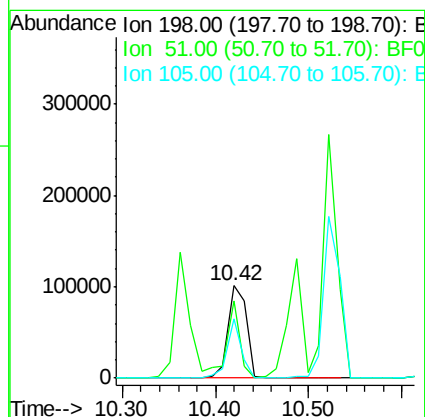
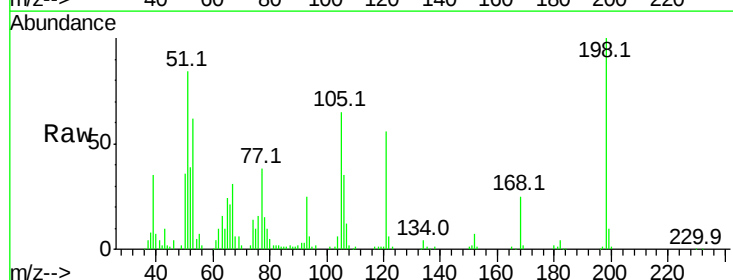
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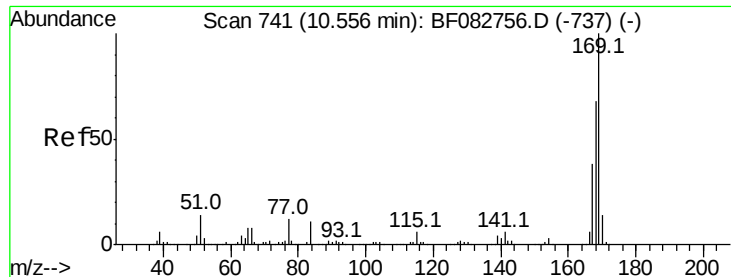
mmdadoda
11/17/2015 5:56:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 23.69 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	141031		
51	83.8	17.3	57.3#	
105	64.9	21.7	61.7#	





#65

n-Nitrosodiphenylamine

Concen: 26.54 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:169 Resp: 801180

Ion Ratio Lower Upper

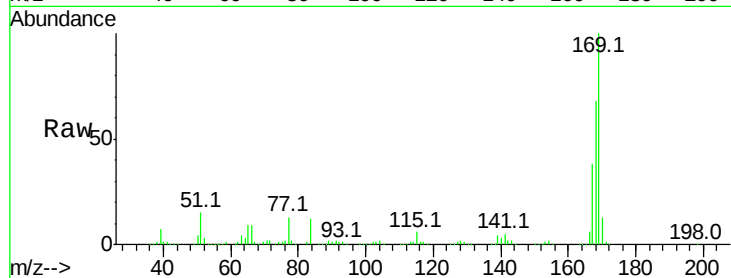
169 100

168 67.6 55.0 82.6

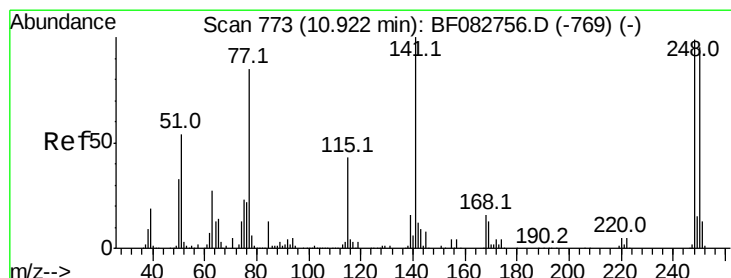
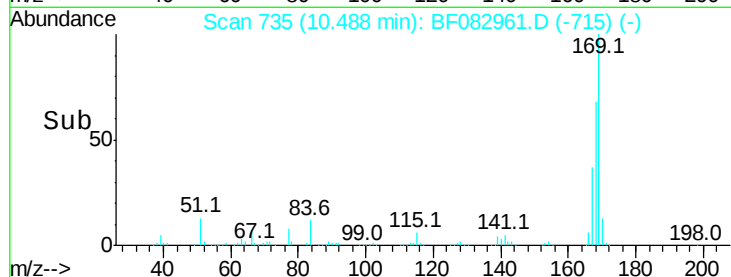
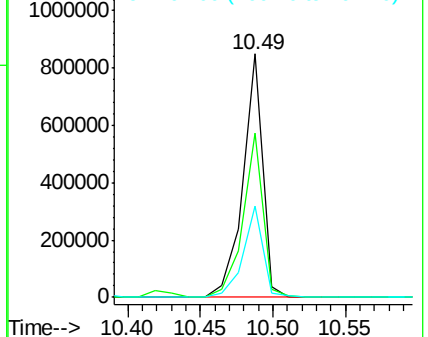
167 37.6 30.5 45.7

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



#66

4-Bromophenyl-phenylether

Concen: 25.69 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

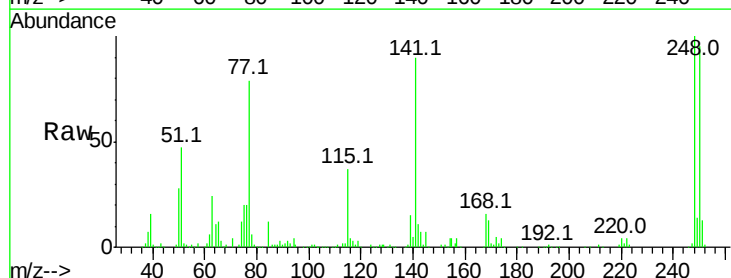
Tgt Ion:248 Resp: 258465

Ion Ratio Lower Upper

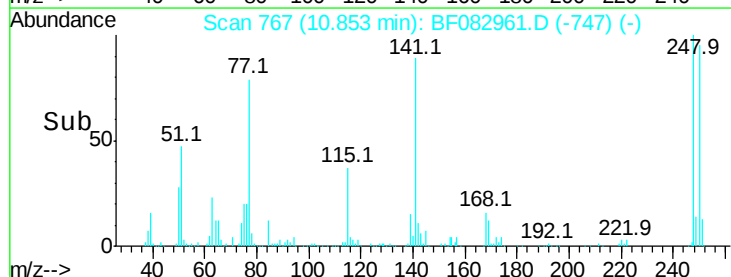
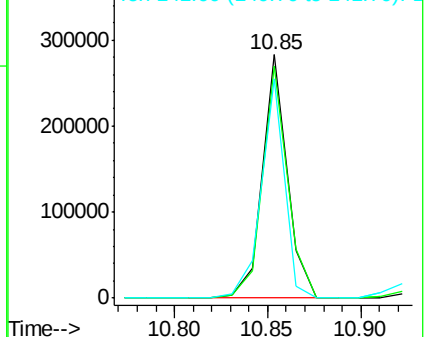
248 100

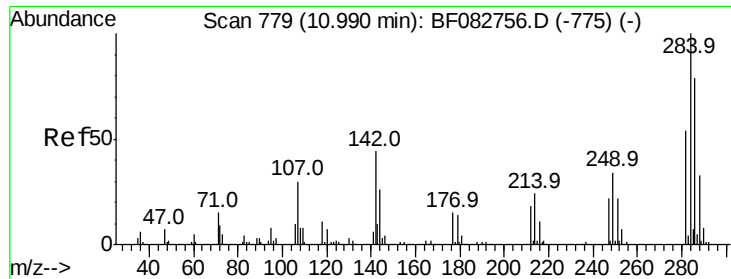
250 95.4 79.4 119.2

141 90.0 36.3 54.5#



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





#67

Hexachlorobenzene

Concen: 25.87 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

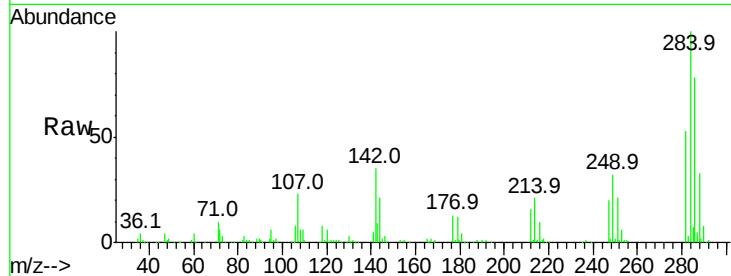
ClientSampleId :

PB86680BS

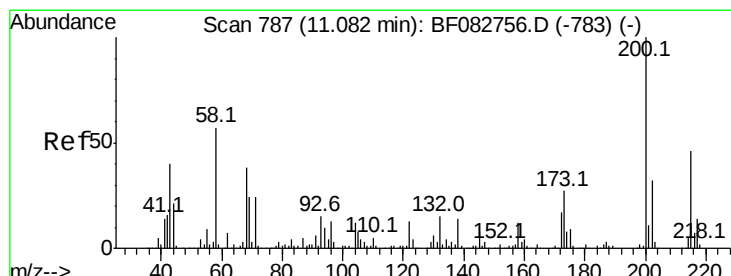
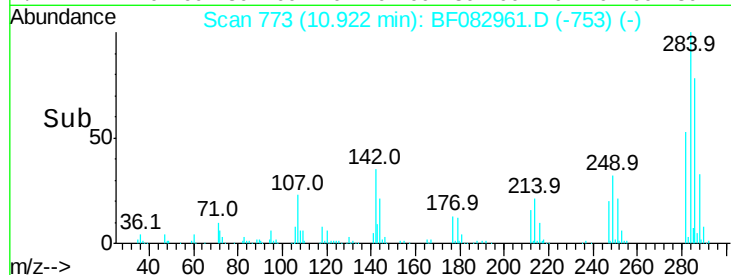
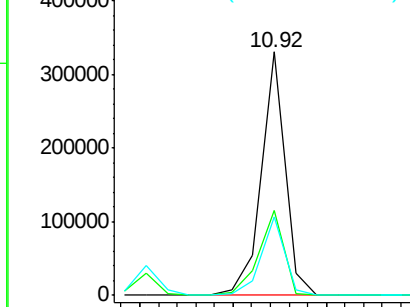
Tot Ion:	284	Resp:	290539
Ion Ratio	Lower	Upper	
284	100		
142	35.0	47.9	71.9#
249	32.1	29.7	44.5

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



#68

Atrazine

Concen: 30.74 ng

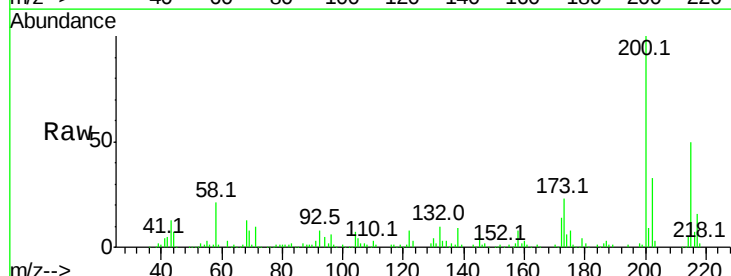
RT: 11.02 min Scan# 782

Delta R.T. -0.06 min

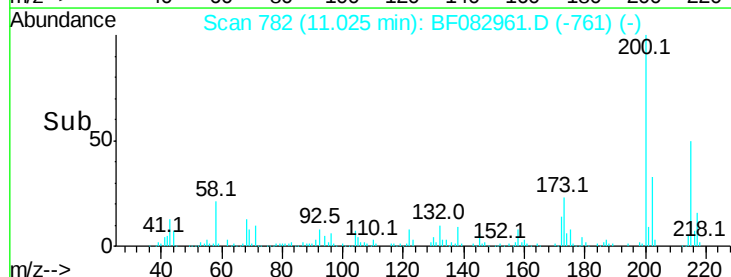
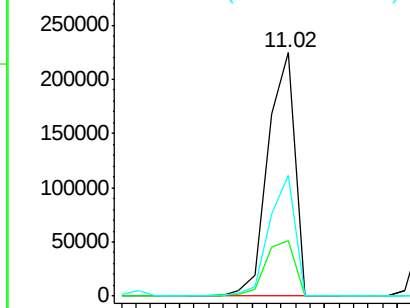
Lab File: BF082961.D

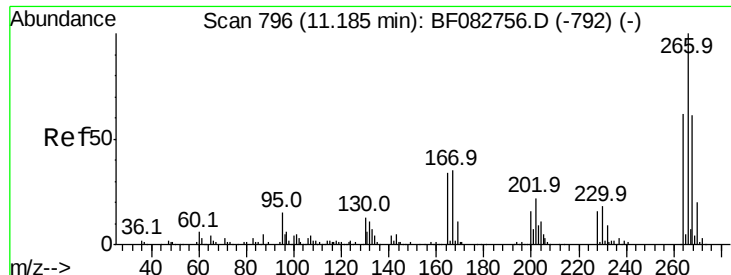
Acq: 17 Nov 2015 2:17

Tgt Ion:	200	Resp:	286914
Ion Ratio	Lower	Upper	
200	100		
173	23.0	6.9	46.9
215	49.5	22.9	62.9



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





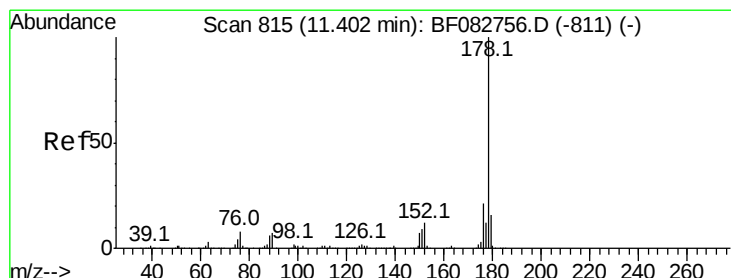
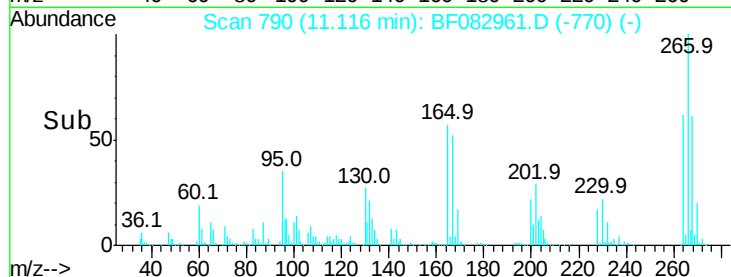
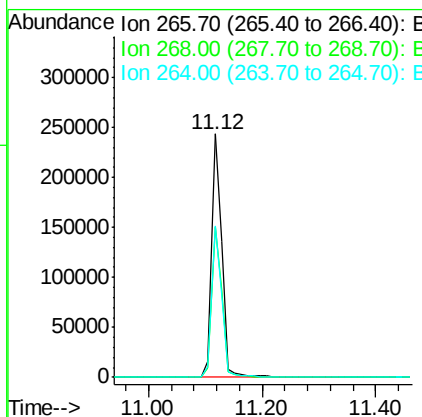
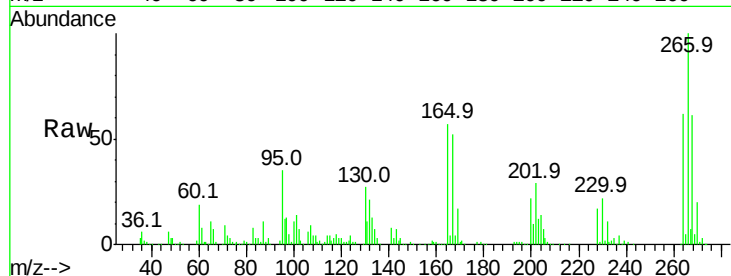
#69
 Pentachlorophenol
 Concen: 42.54 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	290145		
268	61.4	51.0	76.6	
264	62.2	50.6	75.8	

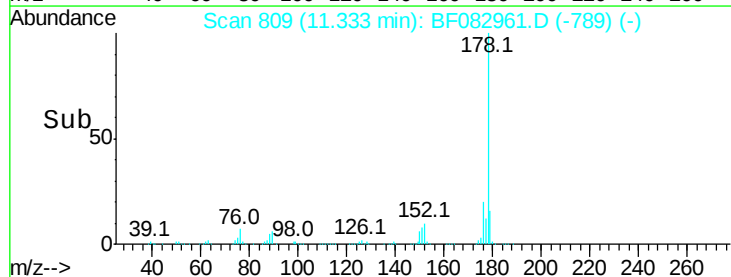
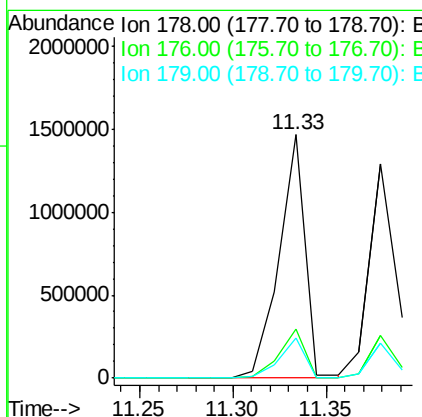
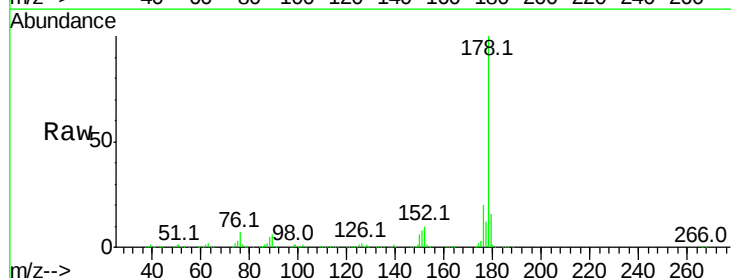
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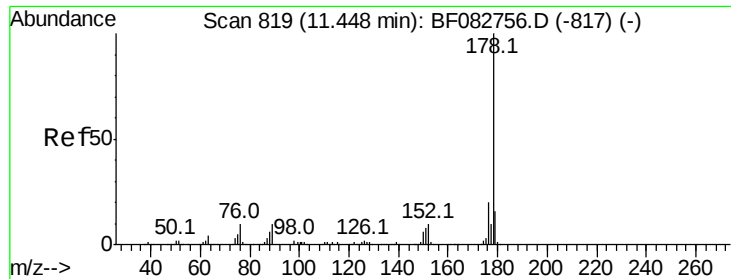
mmdadoda
 11/17/2015 5:56:13 PM



#70
 Phenanthrene
 Concen: 29.32 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1422747		
176	20.3	17.0	25.4	
179	16.3	13.4	20.0	





#71

Anthracene

Concen: 24.47 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:178 Resp: 1250499

Ion Ratio Lower Upper

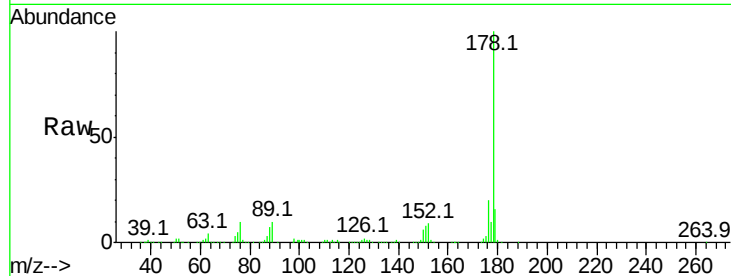
178 100

176 20.0 16.5 24.7

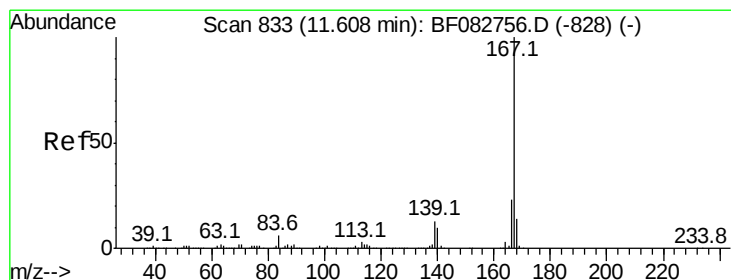
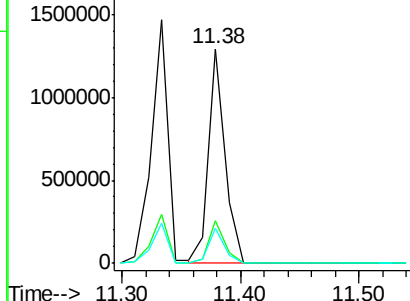
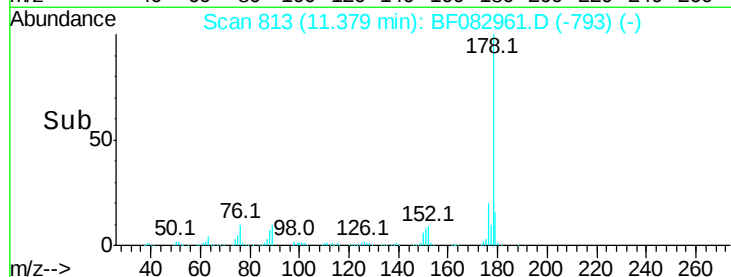
179 16.5 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
2000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 27.06 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

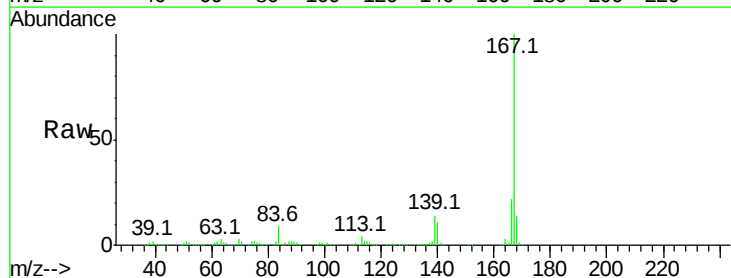
Tgt Ion:167 Resp: 1210657

Ion Ratio Lower Upper

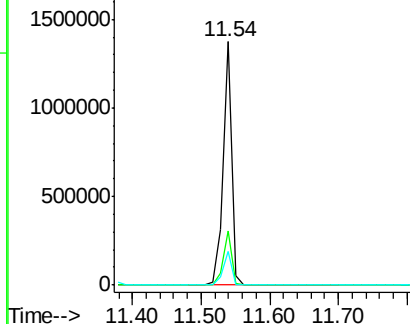
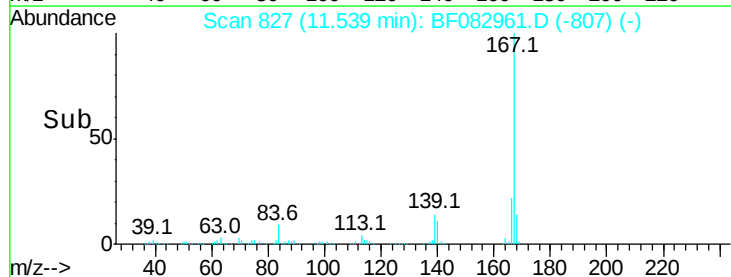
167 100

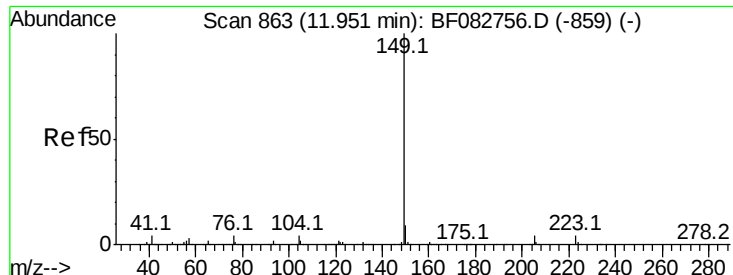
166 22.3 18.7 28.1

139 14.0 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
1500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.45 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:149 Resp: 1585620

Ion Ratio Lower Upper

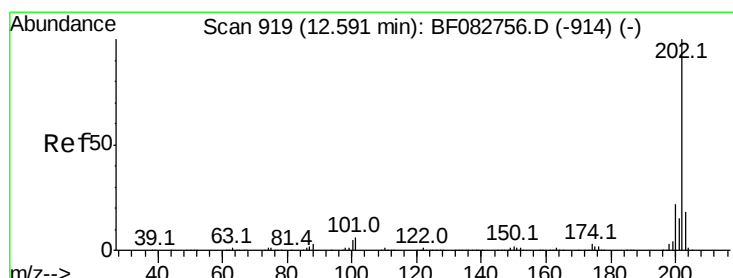
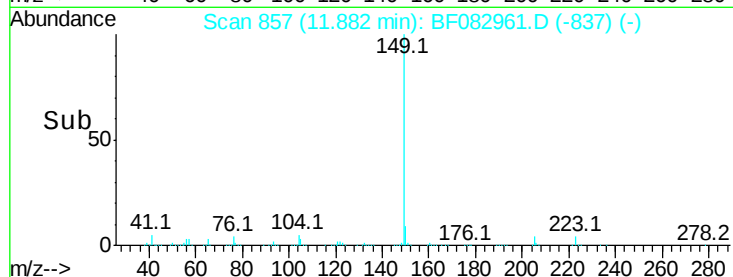
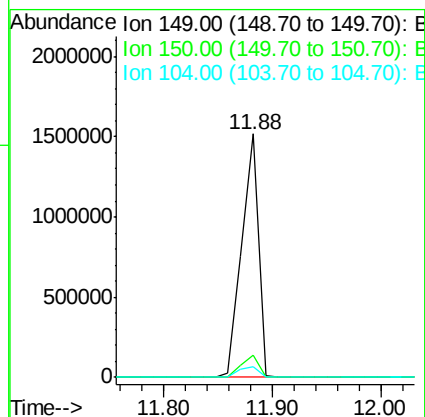
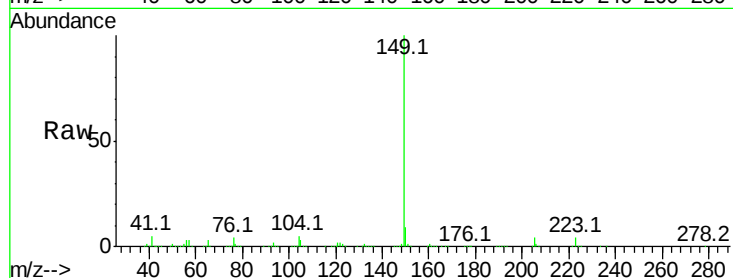
149 100

150 9.4 8.1 12.1

104 4.5 5.2 7.8#

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#74

Fluoranthene

Concen: 25.19 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

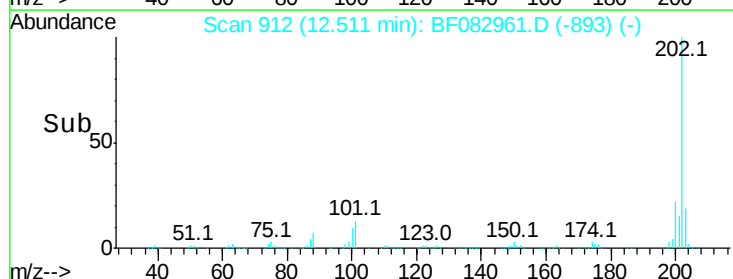
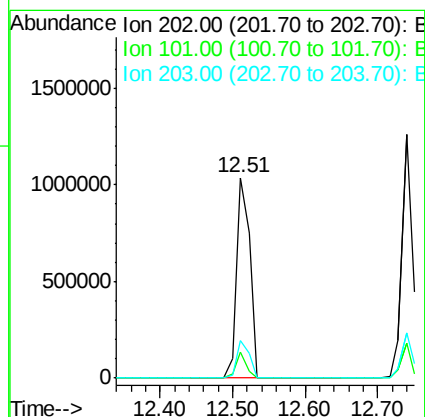
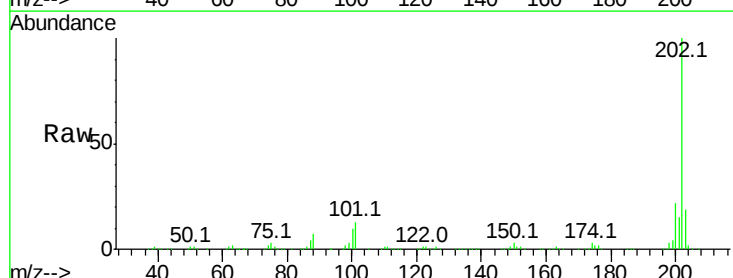
Tgt Ion:202 Resp: 1311383

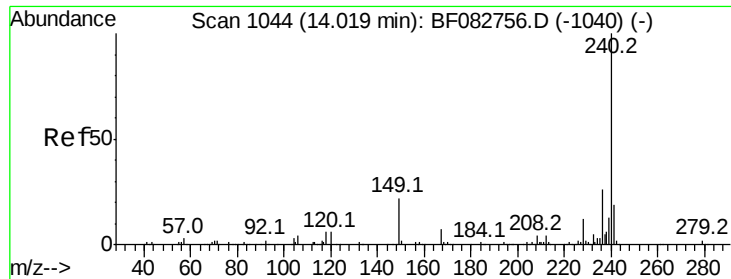
Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.5

203 18.6 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

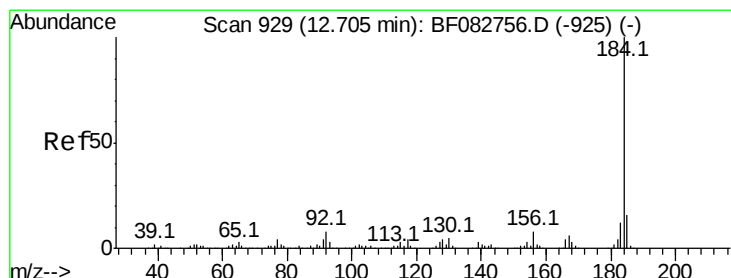
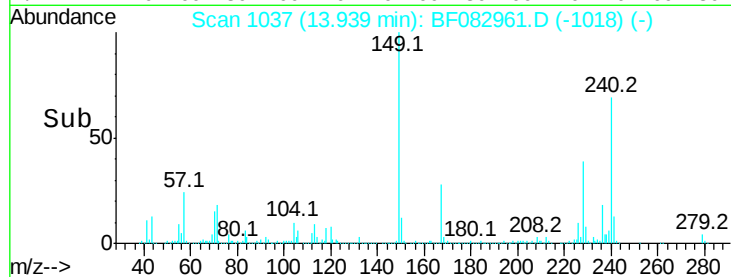
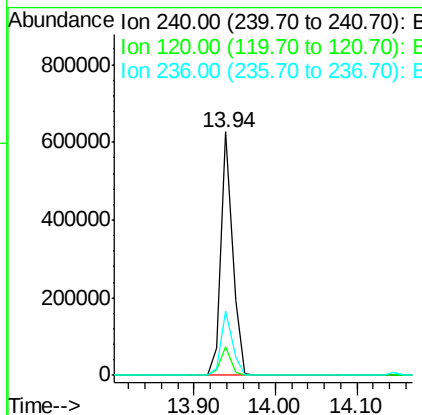
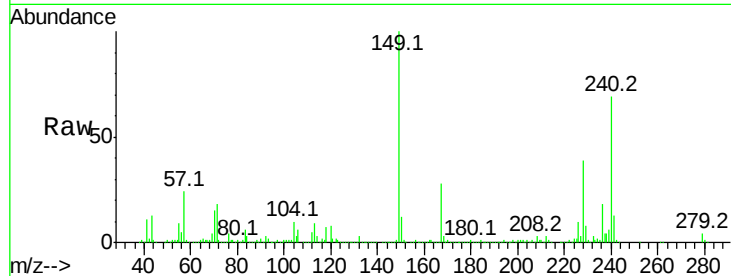
ClientSampleId :

PB86680BS

Tot Ion:	240	Resp:	618335
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.9	16.3
236	26.6	21.6	32.4

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#76

Benzidine

Concen: 21.43 ng

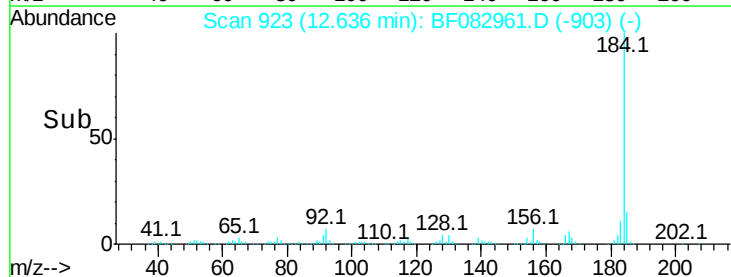
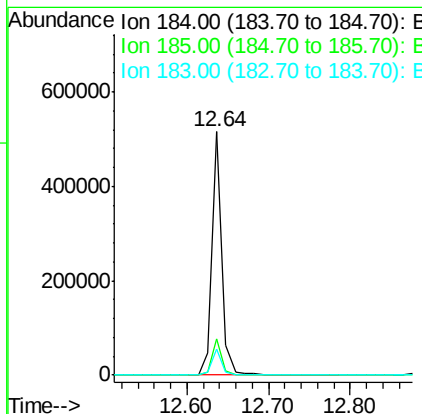
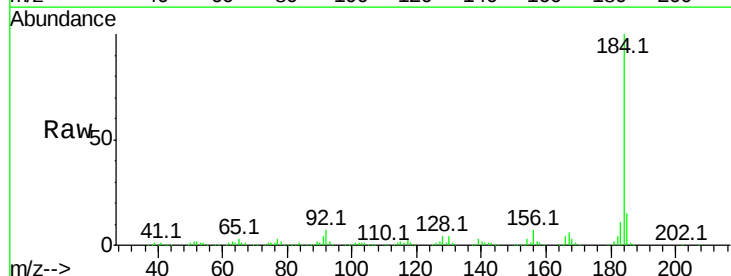
RT: 12.64 min Scan# 923

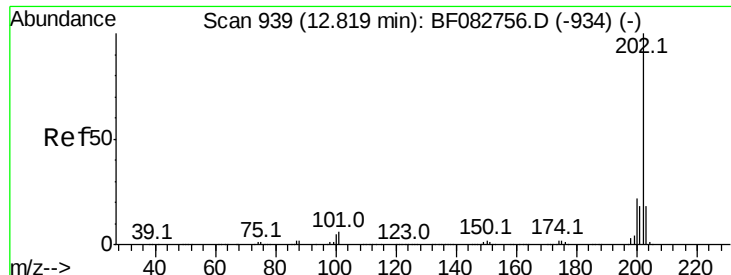
Delta R.T. -0.07 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:	184	Resp:	444004
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	10.9	9.6	14.4





#77

Pvrene

Concen: 31.03 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:202 Resp: 1317454

Ion Ratio Lower Upper

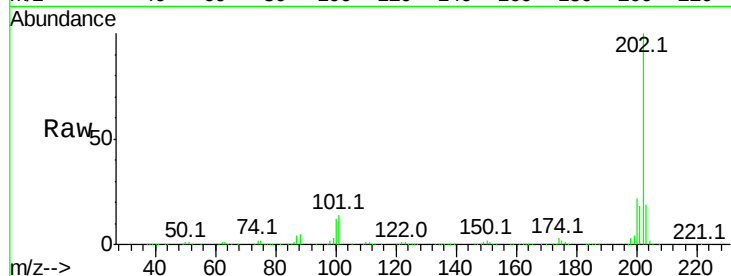
202 100

200 22.0 18.7 28.1

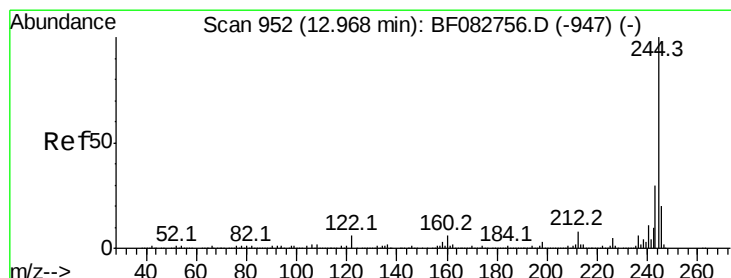
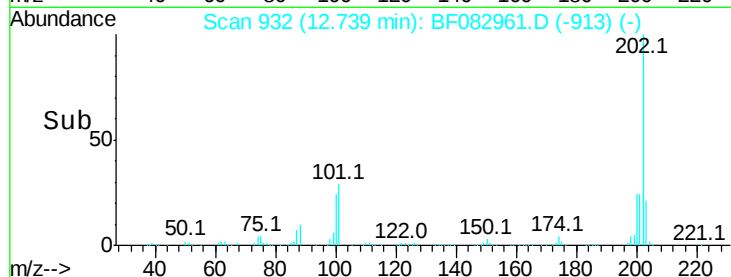
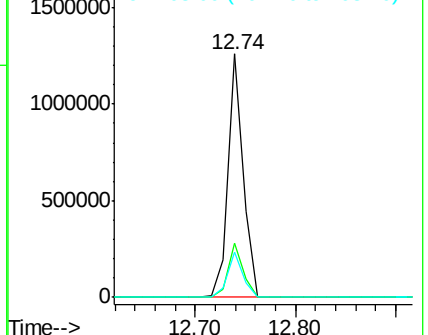
203 18.7 14.8 22.2

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



#78

Terphenyl-d14

Concen: 66.07 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

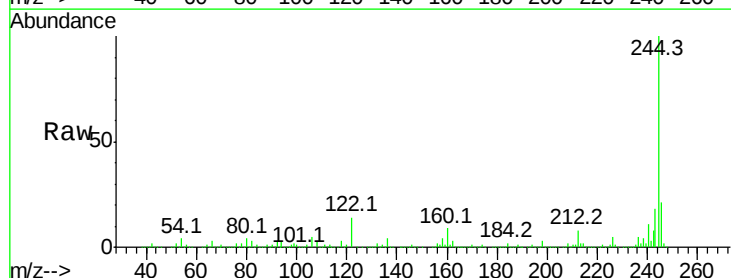
Tgt Ion:244 Resp: 1722421

Ion Ratio Lower Upper

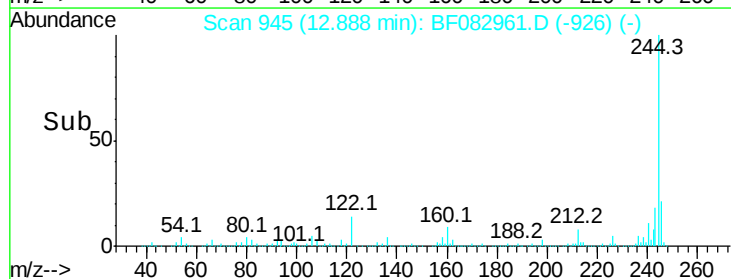
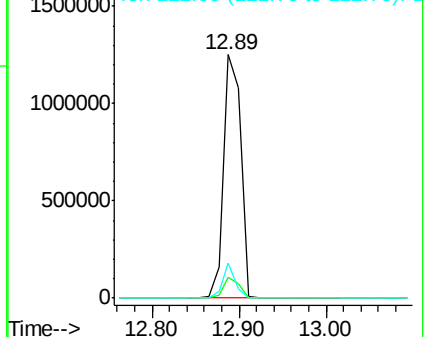
244 100

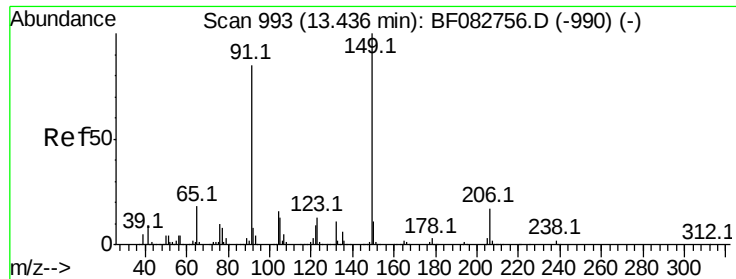
212 8.4 7.6 11.4

122 14.2 11.3 16.9



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





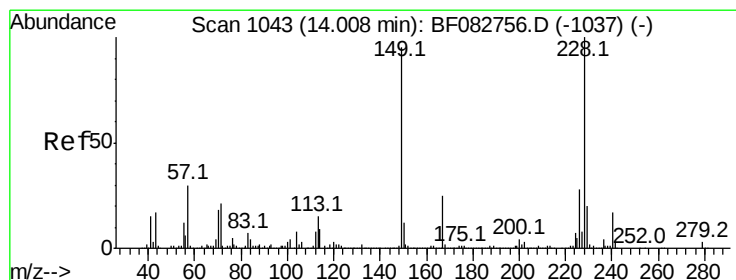
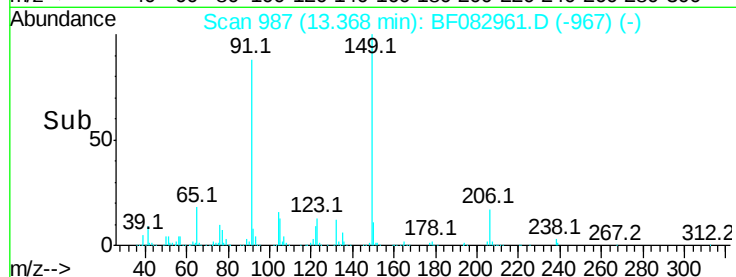
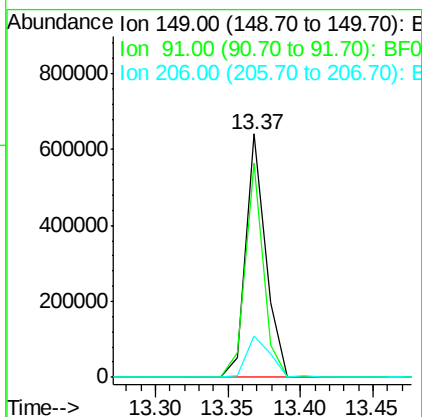
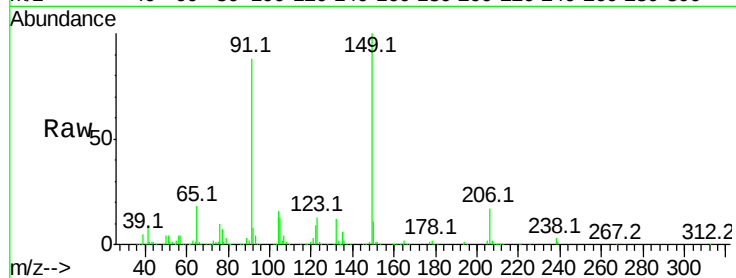
#79
Butylbenzylphthalate
Concen: 32.69 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.07 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	613285		
91	88.1	67.7	101.5	
206	17.1	14.6	22.0	

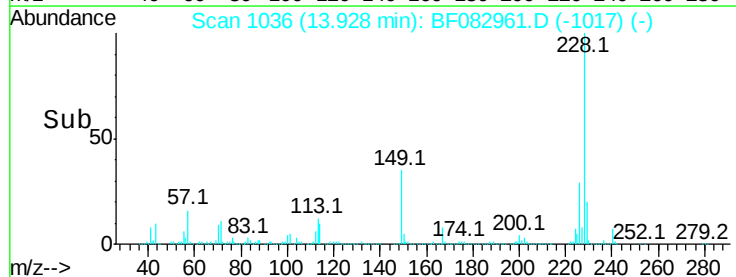
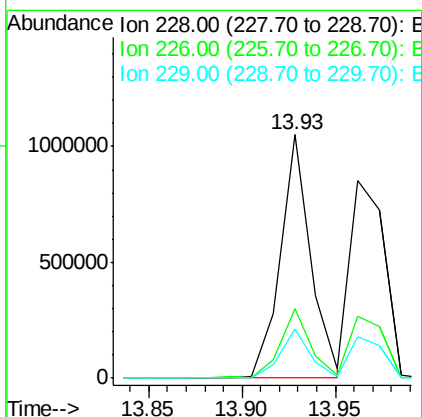
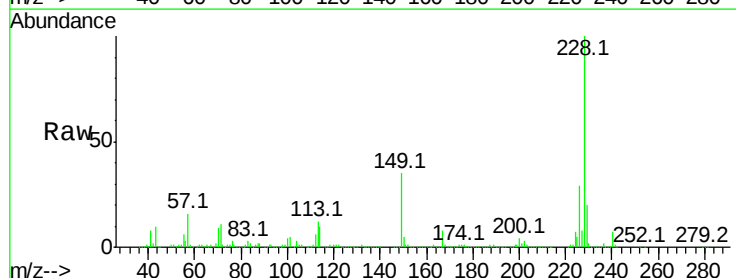
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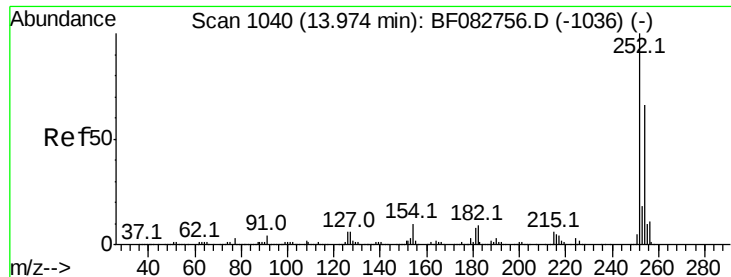
mmdadoda
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#80
Benzo(a)anthracene
Concen: 30.77 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.08 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1189955		
226	28.6	23.4	35.2	
229	20.2	16.3	24.5	





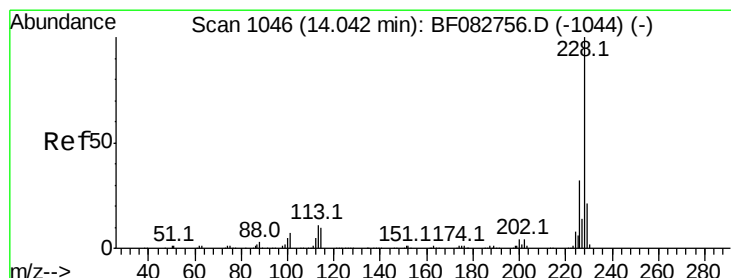
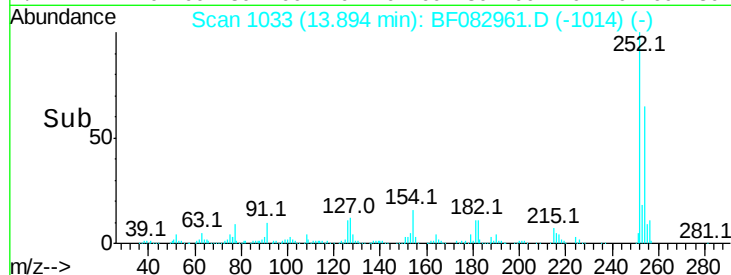
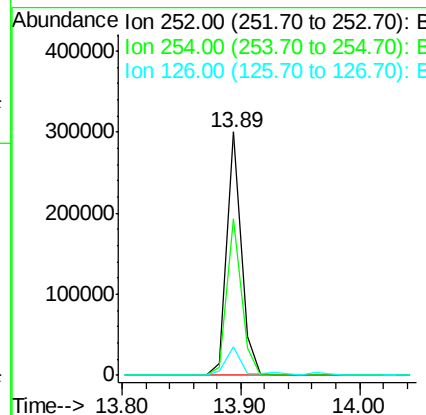
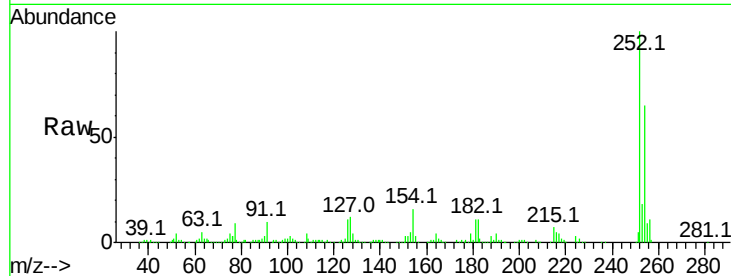
#81
 3,3'-Dichlorobenzidine
 Concen: 18.33 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	51.4	77.0
126	11.5	10.7	16.1

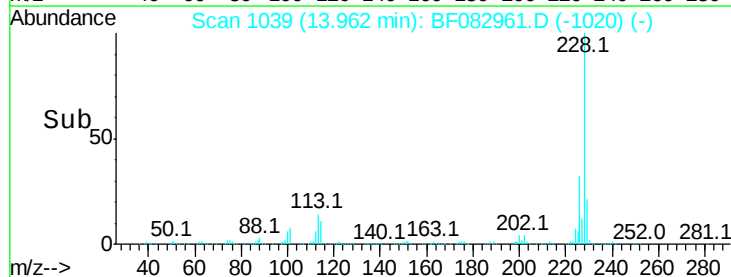
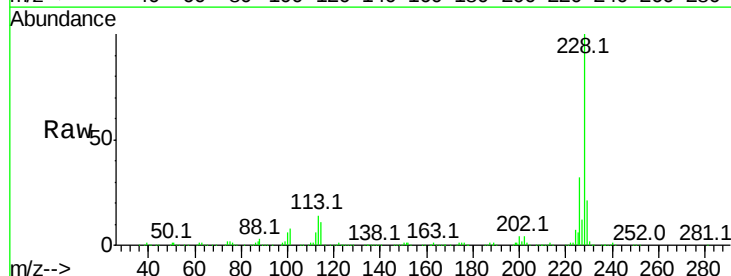
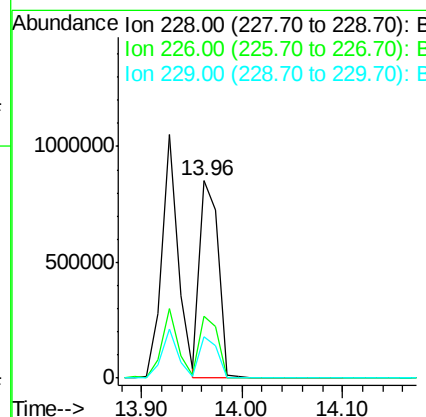
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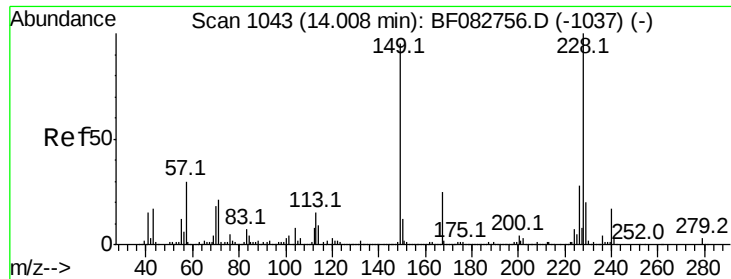
mmdadoda
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#82
 Chrysene
 Concen: 31.10 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.08 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.5	38.3
229	21.3	16.3	24.5





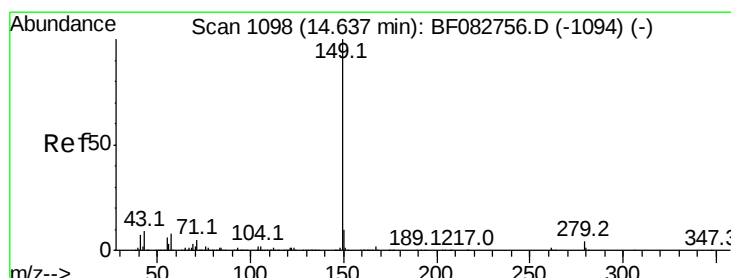
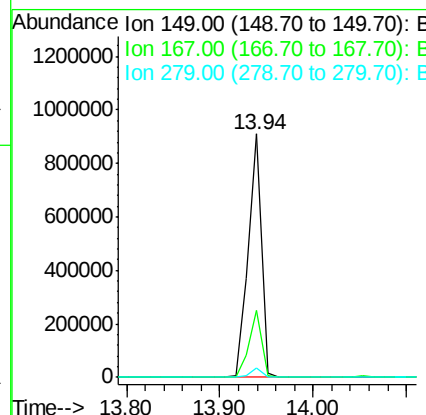
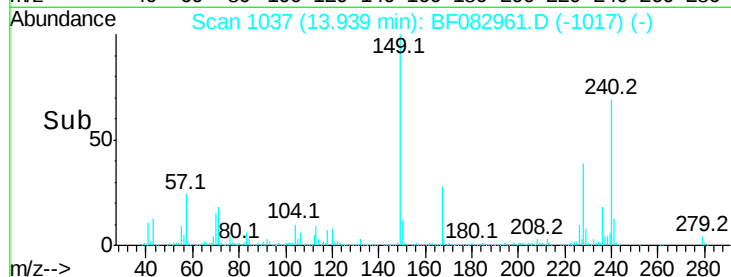
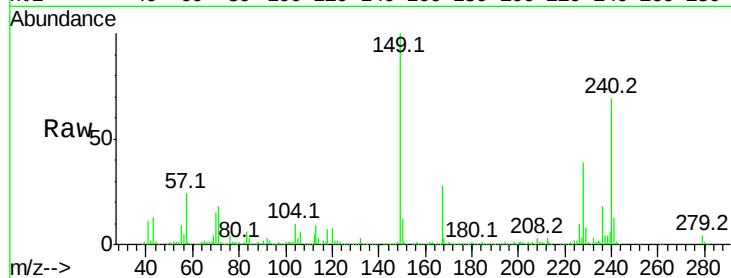
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.03 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.07 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	899359		
167	27.6	21.2	31.8	
279	3.8	2.2	3.2	

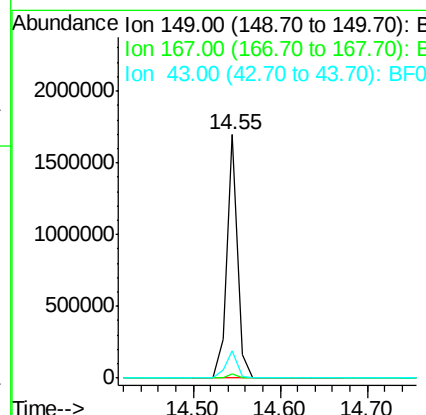
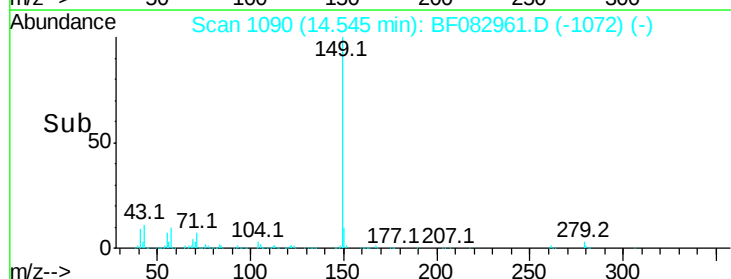
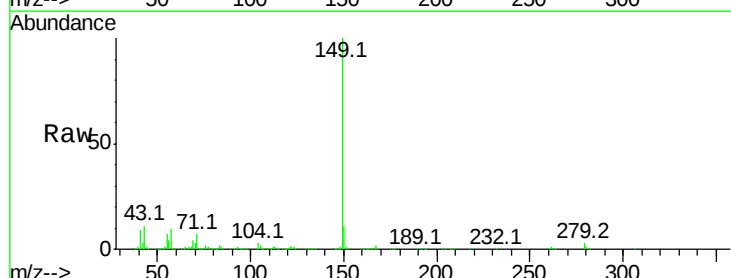
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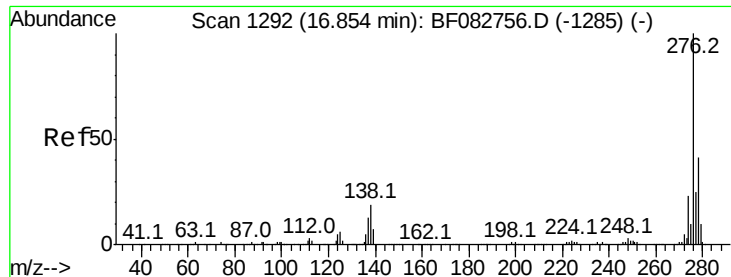
mmdadoda
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#84
 Di-n-octyl phthalate
 Concen: 34.30 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.09 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1469244		
167	1.6	1.3	1.9	
43	12.1	10.1	15.1	





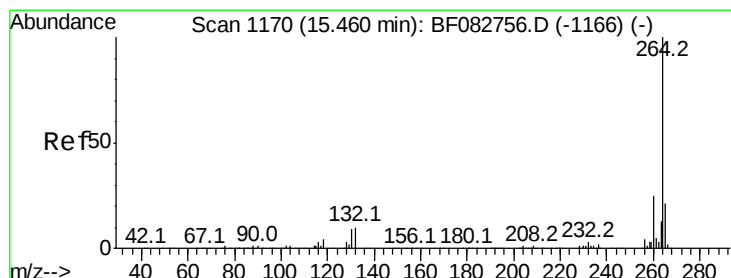
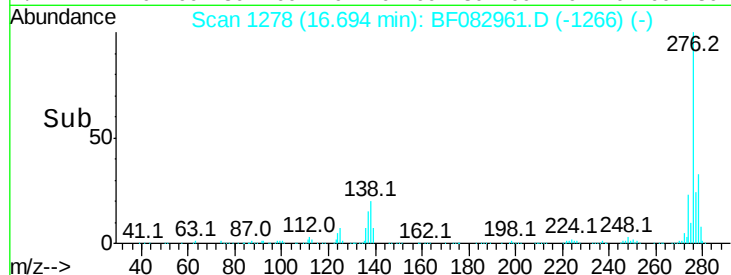
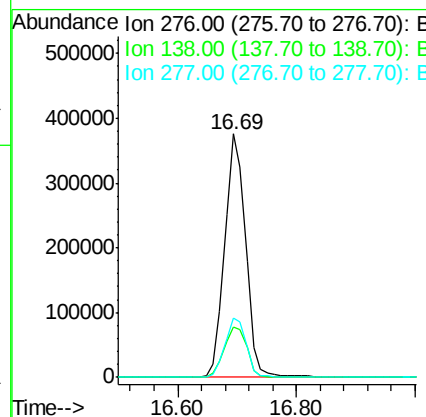
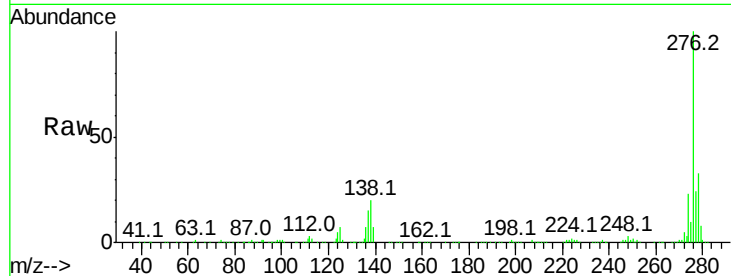
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.15 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.16 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	15.3	22.9
277	24.9	20.2	30.4

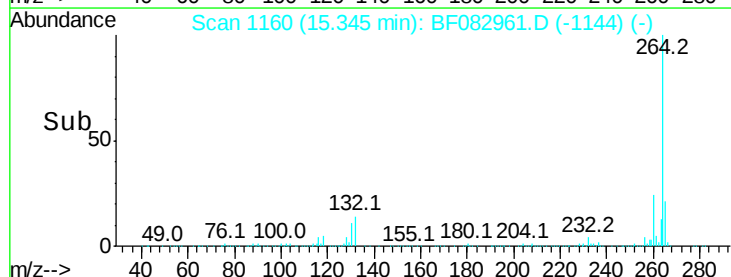
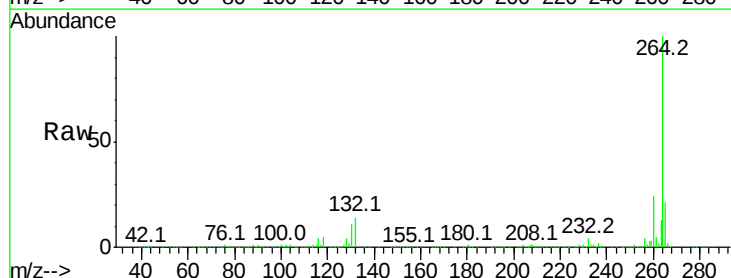
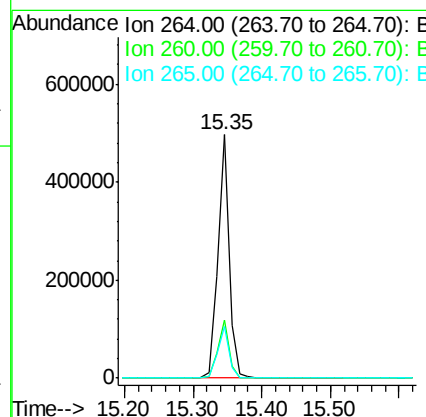
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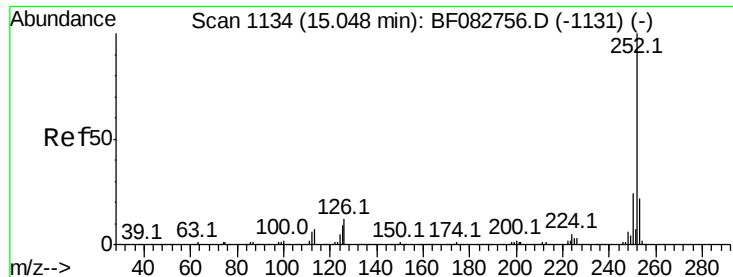
mmdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 34.36 ng m

RT: 14.95 min Scan# 1125

Delta R.T. -0.10 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Instrument :

BNA_F

ClientSampleId :

PB86680BS

Tot Ion:252 Resp: 1275631

Ion Ratio Lower Upper

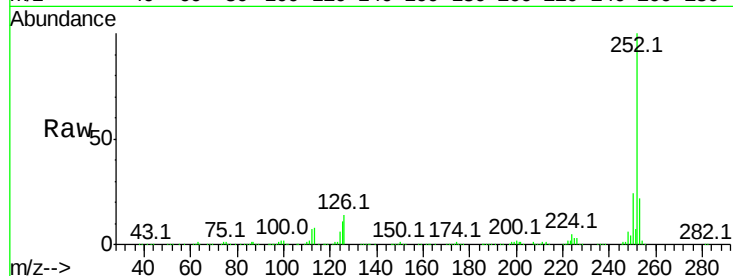
252 100

253 21.9 17.8 26.8

125 11.0 5.4 8.2#

Manual Integrations
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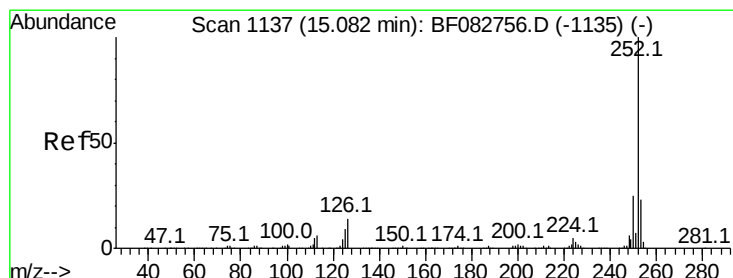
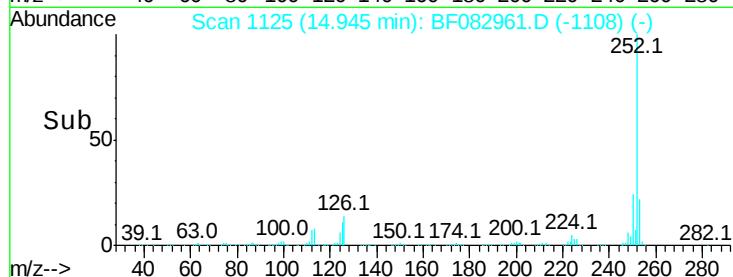
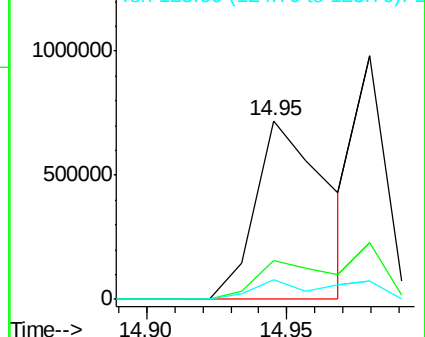
mmdadoda
11/17/2015 5:56:13 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.80 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.10 min

Lab File: BF082961.D

Acq: 17 Nov 2015 2:17

Tgt Ion:252 Resp: 750836

Ion Ratio Lower Upper

252 100

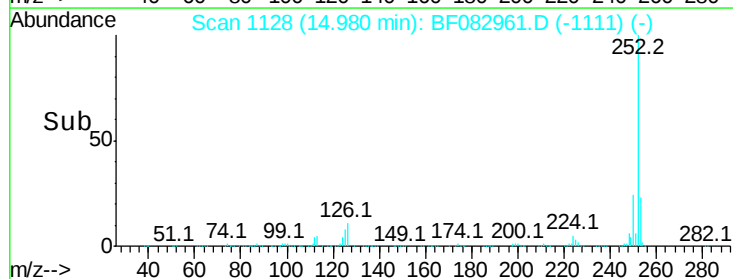
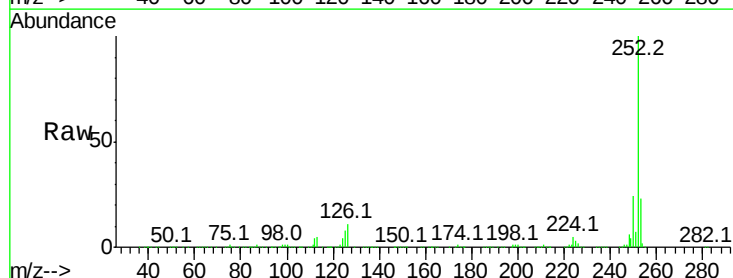
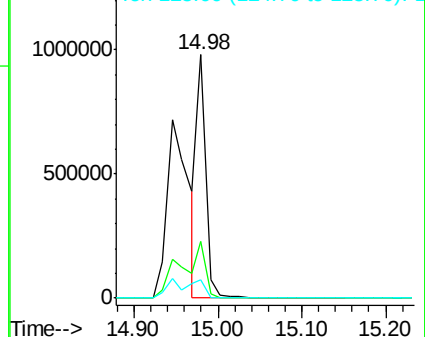
253 23.3 17.9 26.9

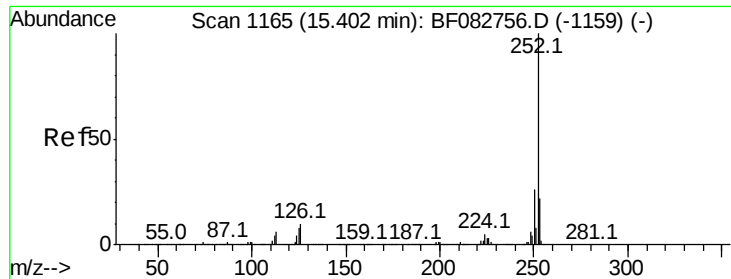
125 7.8 3.5 5.3#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





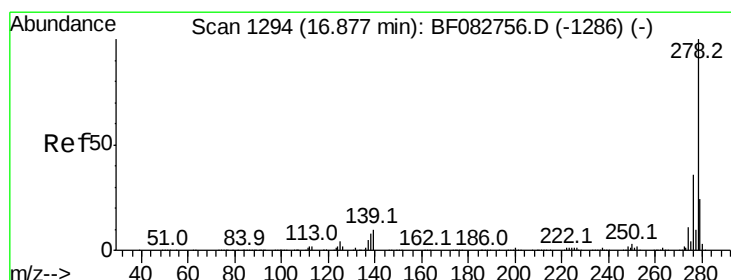
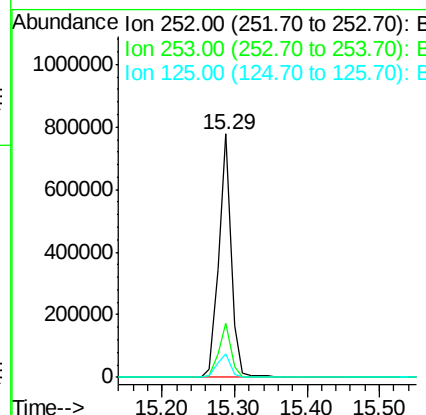
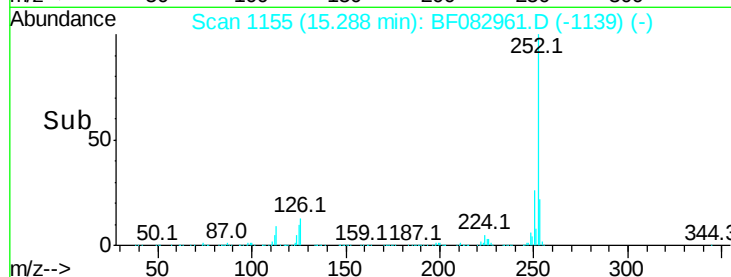
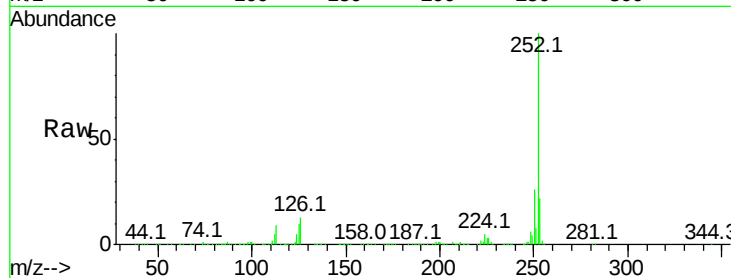
#89
Benzo(a)pyrene
Concen: 28.77 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.11 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Instrument :
BNA_F
ClientSampleId :
PB86680BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.6	7.1	10.7

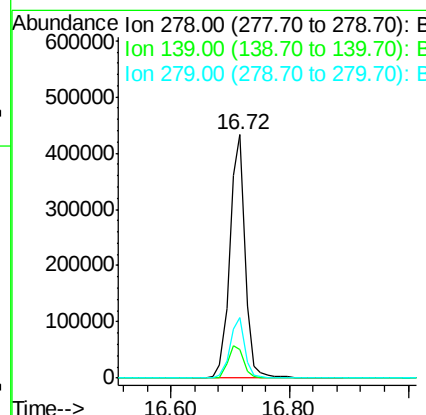
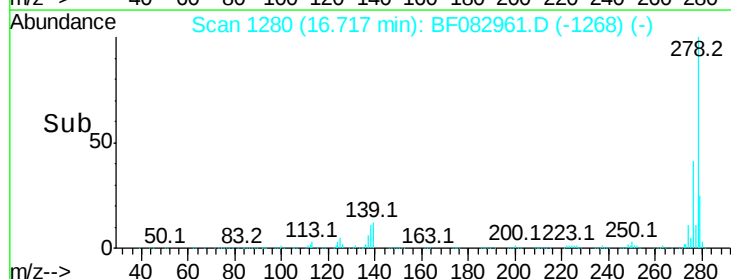
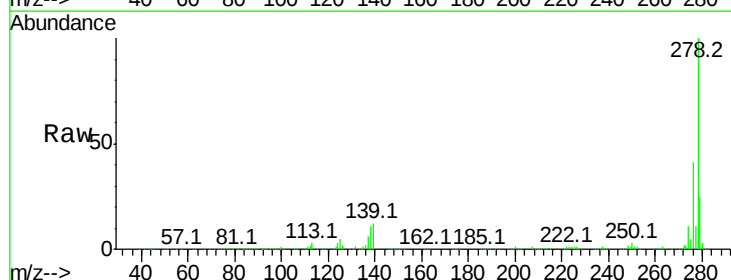
Manual Integrations
APPROVED

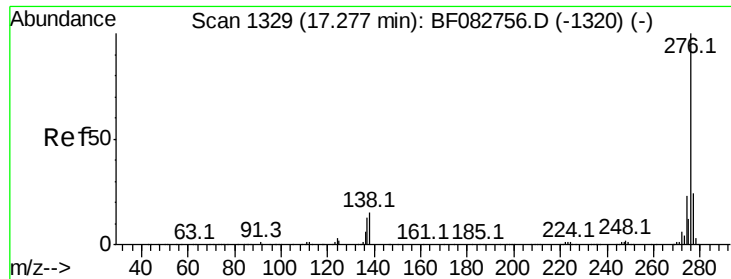
mmdadoda
11/17/2015 5:56:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 28.44 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.16 min
Lab File: BF082961.D
Acq: 17 Nov 2015 2:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.9	14.9
279	24.7	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 28.49 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.17 min
 Lab File: BF082961.D
 Acq: 17 Nov 2015 2:17

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.2	28.8
138	19.1	13.1	19.7

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