

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083862.D
 Acq On : 16 Dec 2015 21:44
 Operator : UM/SJ
 Sample : G4775-23MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Manual Integrations
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 12/17/2015 5:34:16 PM

Quant Time: Dec 17 04:44:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	85907	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	354655	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	161930	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	303573	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	186366	20.00	ng	-0.03
86) Perylene-d12	15.48	264	173887	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	786495	147.70	ng	-0.01
7) Phenol-d6	6.53	99	932389	138.26	ng	-0.01
23) Nitrobenzene-d5	7.46	82	576891	91.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	262562	159.13	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	974974	89.76	ng	-0.03
78) Terphenyl-d14	12.99	244	945915	109.18	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	94106	36.55	ng	# 80
3) Pyridine	3.30	79	247725	38.24	ng	84
4) n-Nitrosodimethylamine	3.24	42	108827	44.40	ng	# 65
6) Aniline	6.56	93	234011	25.55	ng	92
8) 2-Chlorophenol	6.68	128	293357	46.88	ng	87
9) Benzaldehyde	6.43	77	137306	37.91	ng	97
10) Phenol	6.54	94	279145	35.96	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	277020	49.28	ng	# 82
12) 1,3-Dichlorobenzene	6.83	146	296290	44.62	ng	95
13) 1,4-Dichlorobenzene	6.91	146	306354	45.65	ng	99
14) 1,2-Dichlorobenzene	7.07	146	291560	48.35	ng	96
15) Benzyl Alcohol	7.04	79	240855	48.62	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	282401	38.69	ng	72
17) 2-Methylphenol	7.15	107	234407	46.59	ng	# 86
18) Hexachloroethane	7.41	117	113106	47.46	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	177229	42.92	ng	91
20) 3+4-Methylphenols	7.31	107	298247	50.22	ng	# 71
22) Acetophenone	7.30	105	377372	43.37	ng	# 98
24) Nitrobenzene	7.48	77	309634	46.93	ng	# 73
25) Isophorone	7.72	82	545649	43.87	ng	# 89
26) 2-Nitrophenol	7.79	139	144361	45.55	ng	87
27) 2,4-Dimethylphenol	7.84	122	284392	45.67	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	330472	46.57	ng	# 98
29) 2,4-Dichlorophenol	8.04	162	249536	48.81	ng	93
30) 1,2,4-Trichlorobenzene	8.12	180	244941	46.20	ng	96
31) Naphthalene	8.20	128	866532	46.87	ng	99
32) Benzoic acid	7.94	122	57907	14.92	ng	# 84
33) 4-Chloroaniline	8.25	127	82051	10.87	ng	# 84
34) Hexachlorobutadiene	8.33	225	136280	46.84	ng	96
35) Caprolactam	8.61	113	79659m	48.52	ng	
36) 4-Chloro-3-methylphenol	8.74	107	293691	49.11	ng	88
37) 2-Methylnaphthalene	8.89	142	517663	44.60	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	229986	48.14	ng	# 100
40) Hexachlorocyclopentadiene	9.05	237	153146	63.27	ng	99

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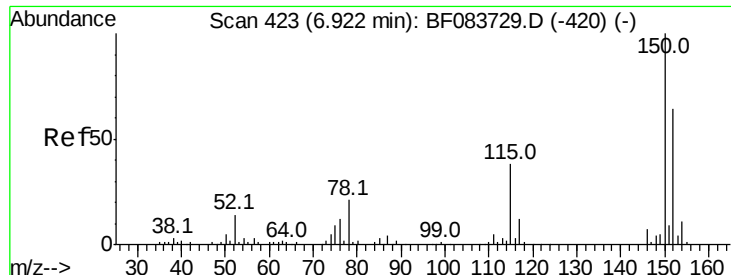
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Quant Time: Dec 17 04:44:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	173033	49.49	nq	96
43) 2,4,5-Trichlorophenol	9.21	196	154873	46.69	nq #	88
45) 1,1'-Biphenyl	9.36	154	685741	47.78	nq	96
46) 2-Chloronaphthalene	9.38	162	491117	46.36	nq #	93
47) 2-Nitroaniline	9.47	65	154568	51.45	nq #	73
48) Acenaphthylene	9.79	152	751701	42.17	nq	99
49) Dimethylphthalate	9.65	163	836312	66.25	nq	99
50) 2,6-Dinitrotoluene	9.71	165	133742	49.92	nq	96
51) Acenaphthene	9.96	154	482961	44.82	nq	99
52) 3-Nitroaniline	9.88	138	96997	31.40	nq #	68
53) 2,4-Dinitrophenol	9.98	184	67031	55.30	nq #	86
54) Dibenzofuran	10.13	168	669890	46.92	nq #	90
55) 4-Nitrophenol	10.05	139	233588	102.12	nq #	75
56) 2,4-Dinitrotoluene	10.12	165	206660	59.04	nq #	63
57) Fluorene	10.48	166	492817	43.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	140592	56.51	nq #	100
59) Diethylphthalate	10.35	149	592181	46.33	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	236344	46.10	nq #	86
61) 4-Nitroaniline	10.50	138	154406	56.71	nq	94
62) Azobenzene	10.62	77	570021	48.93	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	80291	46.48	nq #	43
65) n-Nitrosodiphenylamine	10.59	169	497813	47.95	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	149582	44.07	nq #	83
67) Hexachlorobenzene	11.02	284	170324	46.37	nq #	87
68) Atrazine	11.12	200	157425	53.29	nq	99
69) Pentachlorophenol	11.22	266	157323	75.94	nq	99
70) Phenanthrene	11.44	178	731511	45.36	nq	99
71) Anthracene	11.49	178	803955	48.00	nq	100
72) Carbazole	11.64	167	758124	48.58	nq #	96
73) Di-n-butylphthalate	11.97	149	856940	45.22	nq	99
74) Fluoranthene	12.63	202	819412	49.17	nq	99
76) Benzidine	12.74	184	293751	51.73	nq	96
77) Pyrene	12.85	202	813161	55.21	nq	99
79) Butylbenzylphthalate	13.47	149	363834	57.55	nq	89
80) Benzo(a)anthracene	14.03	228	515437	48.64	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	124456	32.56	nq #	96
82) Chrysene	14.08	228	530514	51.33	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	419242	58.27	nq	98
84) Di-n-octyl phthalate	14.64	149	653272	57.14	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	599232	59.03	nq #	100
87) Benzo(b)fluoranthene	15.07	252	517521	46.65	nq	99
88) Benzo(k)fluoranthene	15.09	252	442951m	44.07	nq	
89) Benzo(a)pyrene	15.43	252	471352	47.61	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	488522	49.63	nq #	96
91) Benzo(g,h,i)perylene	17.35	276	511192	50.52	nq	100

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



#1

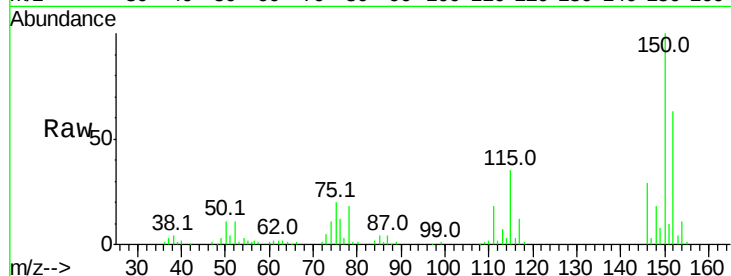
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

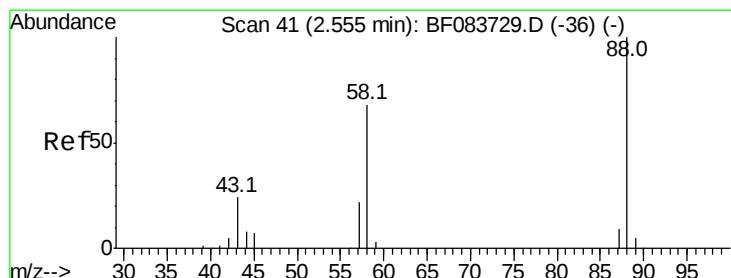
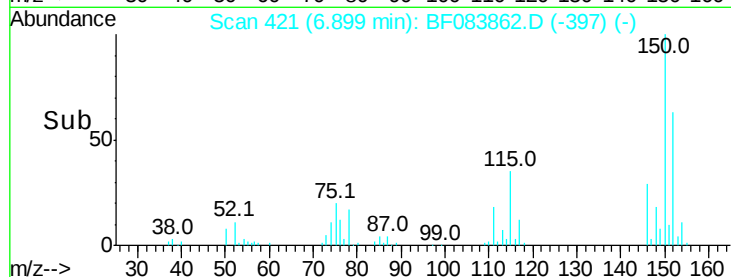
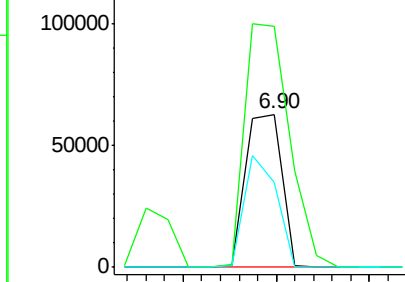
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.5	189.7
115	55.8	52.3	78.5

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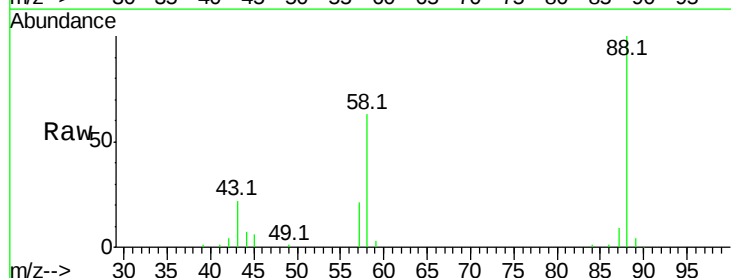
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



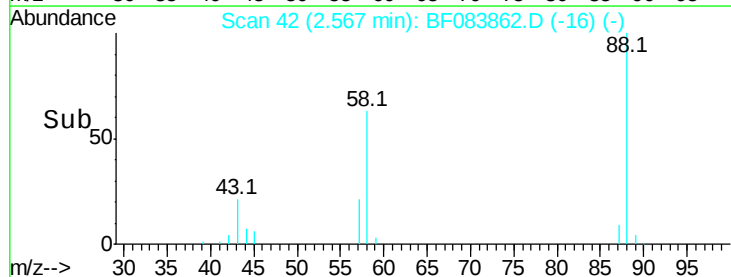
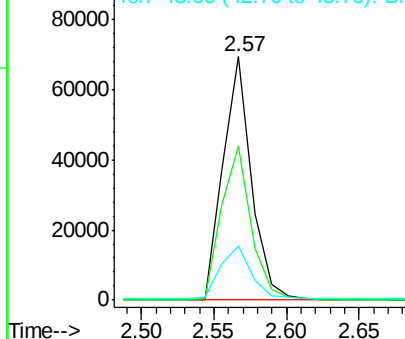
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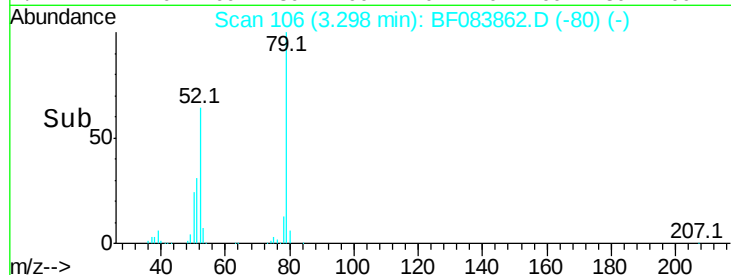
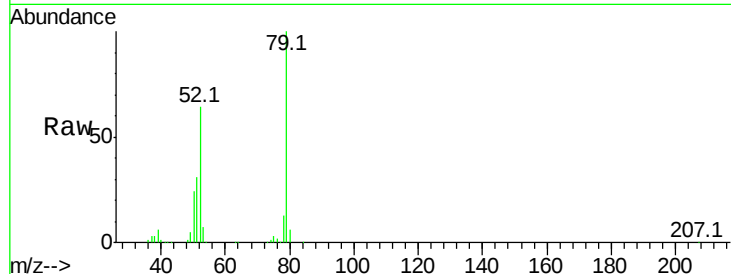
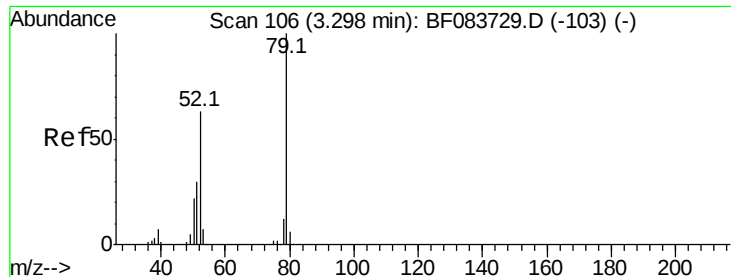
1,4-Dioxane
Concen: 36.55 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	68.0	102.0#
43	24.0	27.9	41.9#



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





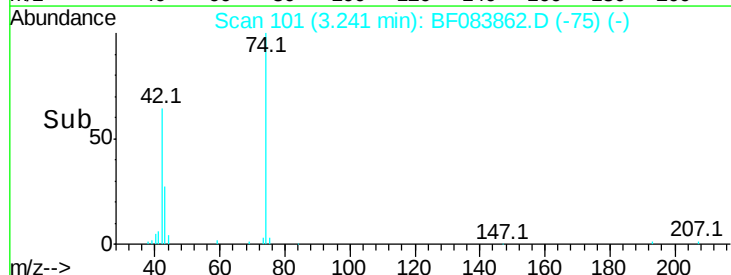
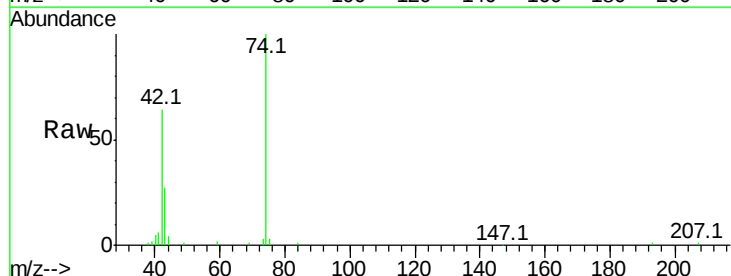
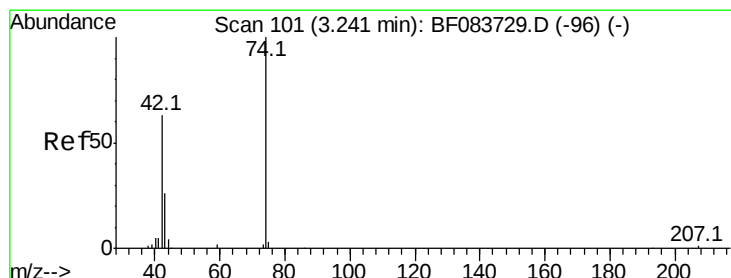
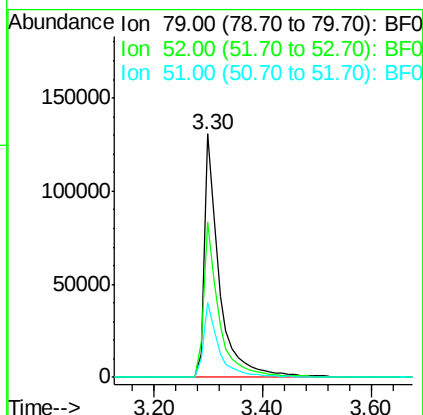
#3
Pvridine
Concen: 38.24 ng
RT: 3.30 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.0	63.7	95.5
51	30.9	30.6	45.8

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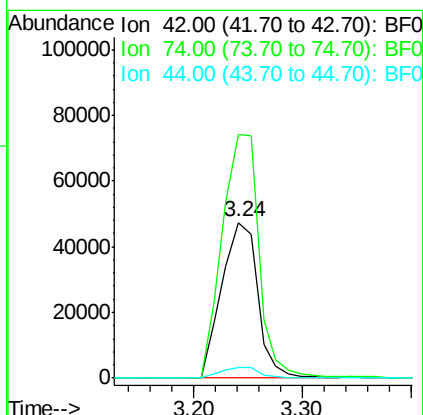
Manual Integrations
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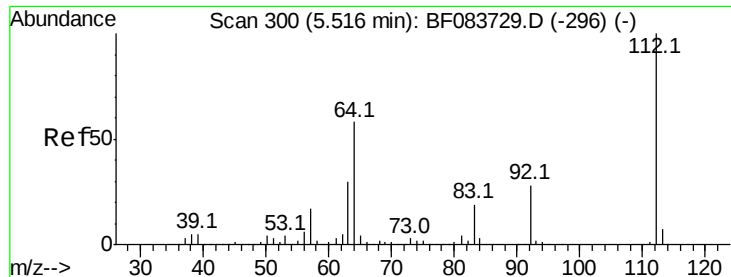
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#4
n-Nitrosodimethylamine
Concen: 44.40 ng
RT: 3.24 min Scan# 101
Delta R.T. 0.00 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.4	92.9	139.3#
44	6.4	5.7	8.5





#5

2-Fluorophenol

Concen: 147.70 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

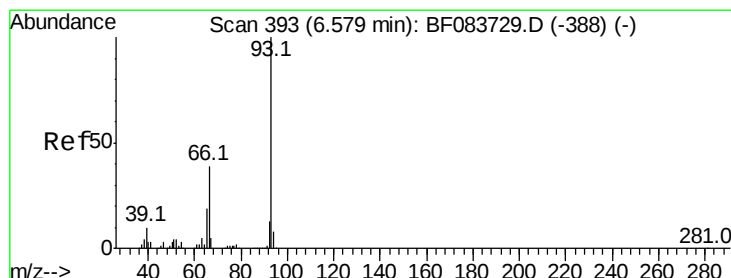
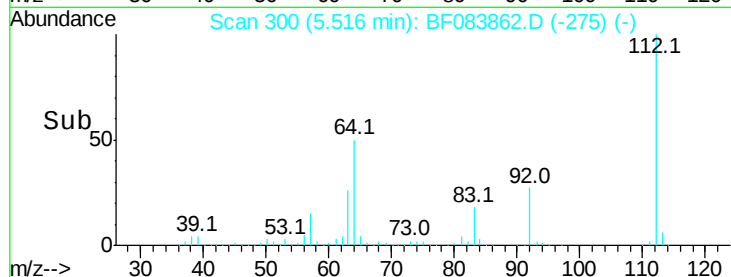
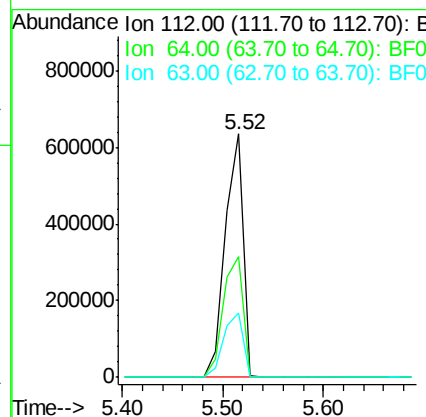
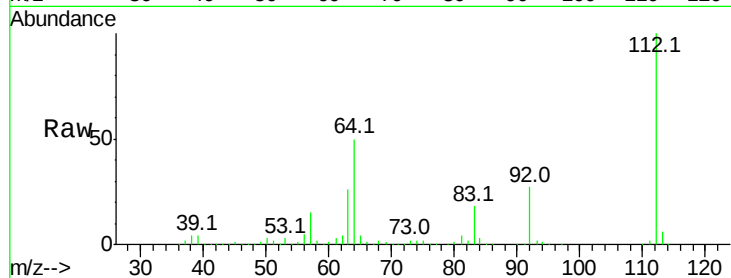
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	112	Resp:	786495
Ion Ratio	Lower	Upper	
112	100		
64	49.8	50.5	75.7#
63	26.5	25.8	38.6

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12/17/2015 5:34:16 PM



#6

Aniline

Concen: 25.55 ng

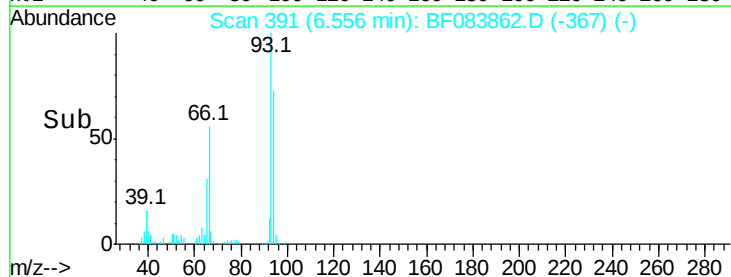
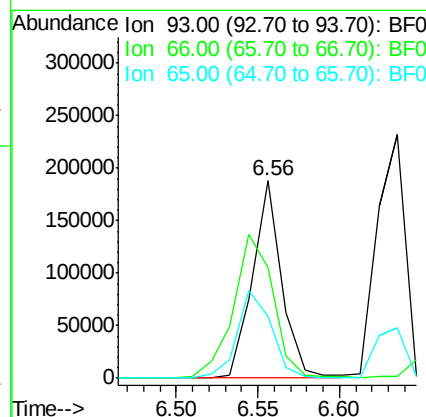
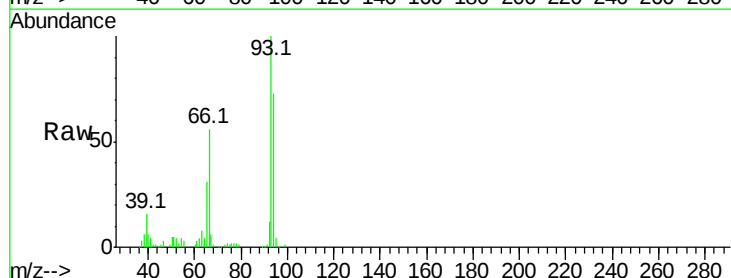
RT: 6.56 min Scan# 391

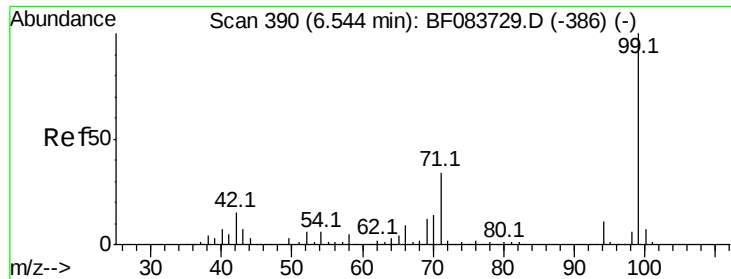
Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	93	Resp:	234011
Ion Ratio	Lower	Upper	
93	100		
66	56.1	41.3	61.9
65	31.2	20.8	31.2





#7

Phenol-d6

Concen: 138.26 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

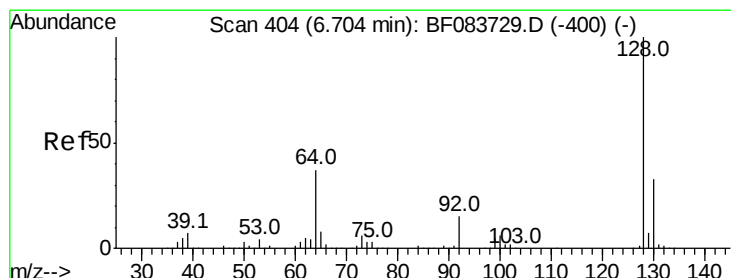
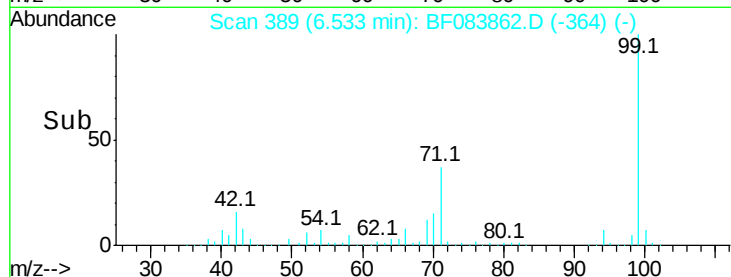
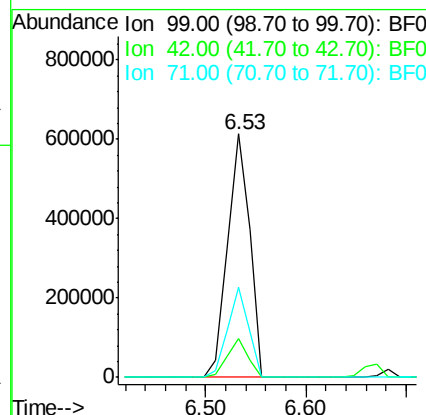
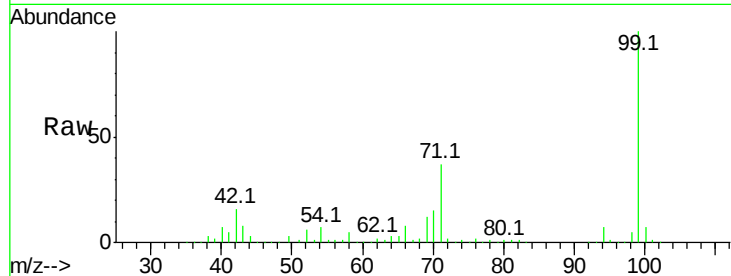
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	99	Resp:	932389
Ion Ratio	Lower	Upper	
99	100		
42	15.9	17.3	25.9#
71	37.0	26.6	40.0

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#8

2-Chlorophenol

Concen: 46.88 ng

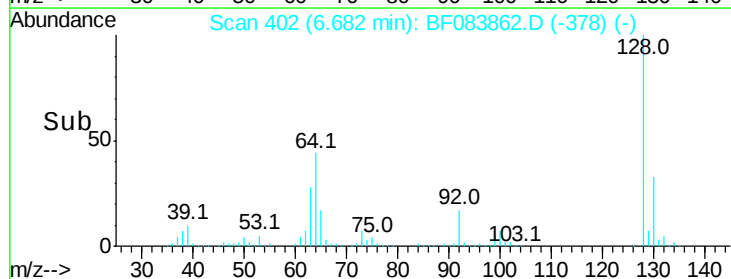
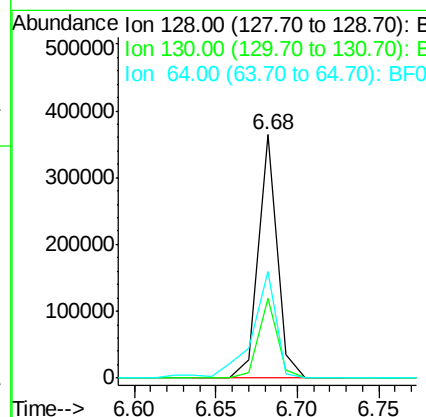
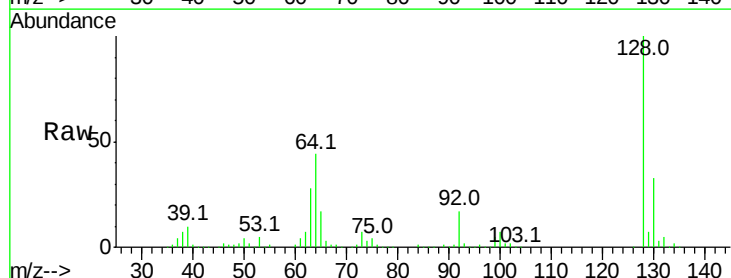
RT: 6.68 min Scan# 402

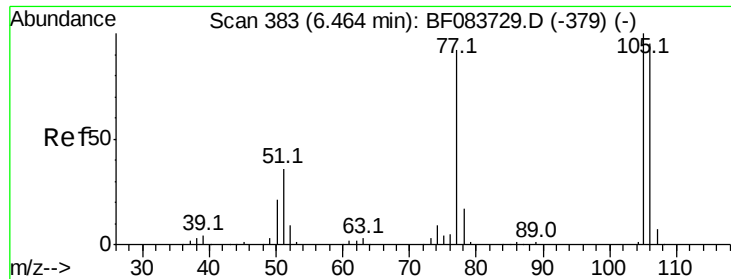
Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	128	Resp:	293357
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.6	52.6
64	43.6	38.6	78.6





#9

Benzaldehyde

Concen: 37.91 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

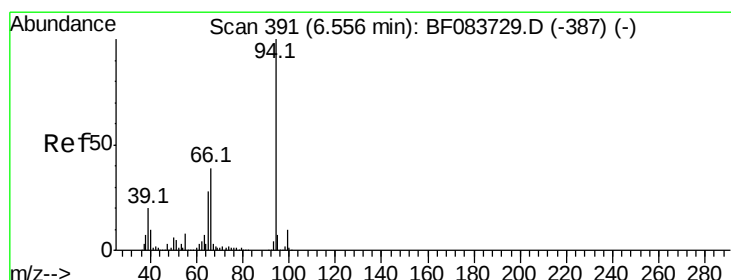
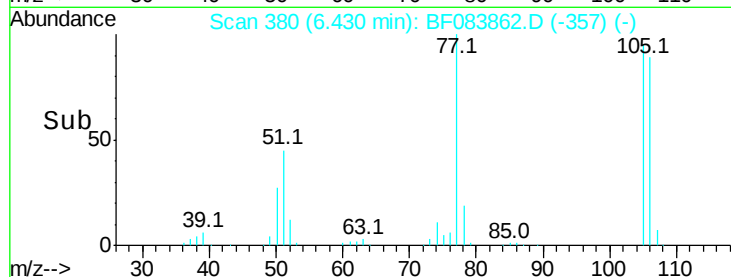
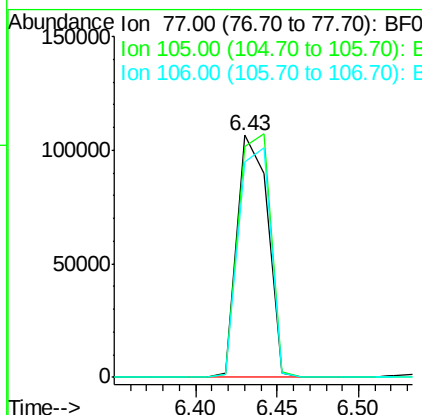
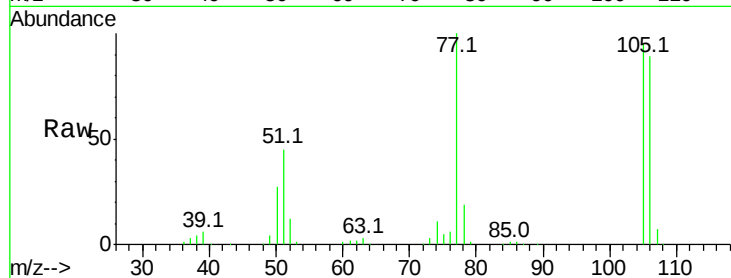
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	77	Resp:	137306
Ion Ratio	Lower	Upper	
77	100		
105	95.2	71.8	111.8
106	88.8	66.8	106.8

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#10

Phenol

Concen: 35.96 ng

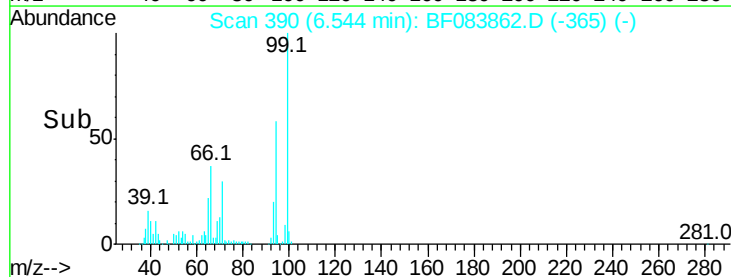
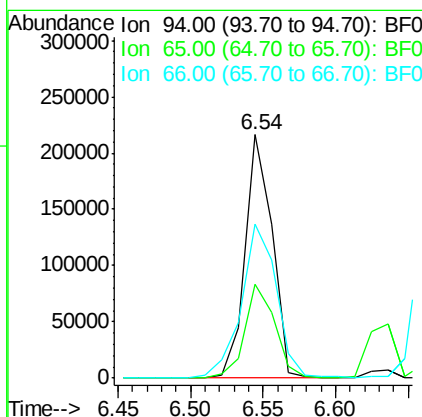
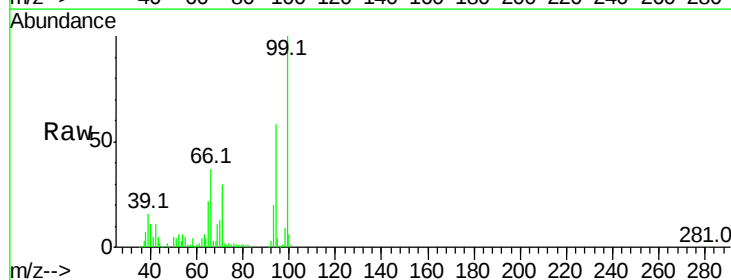
RT: 6.54 min Scan# 390

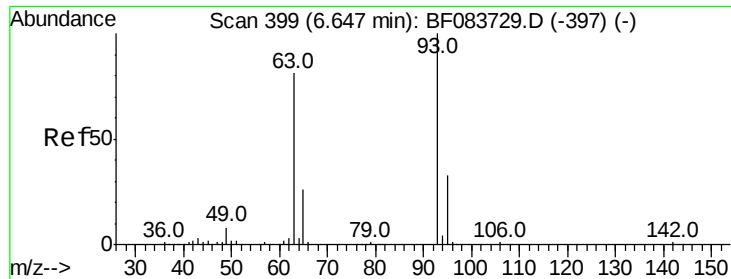
Delta R.T. -0.01 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	94	Resp:	279145
Ion Ratio	Lower	Upper	
94	100		
65	38.3	20.9	60.9
66	63.2	41.6	81.6





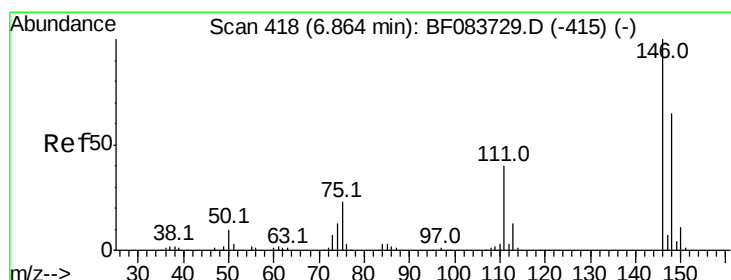
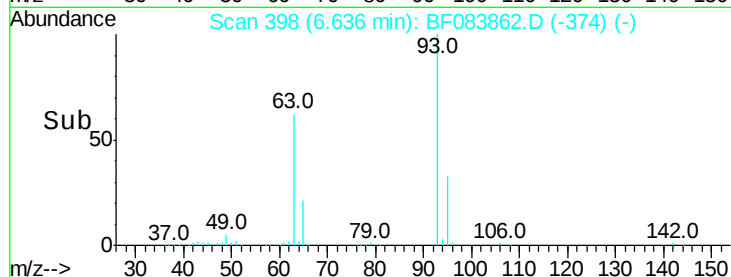
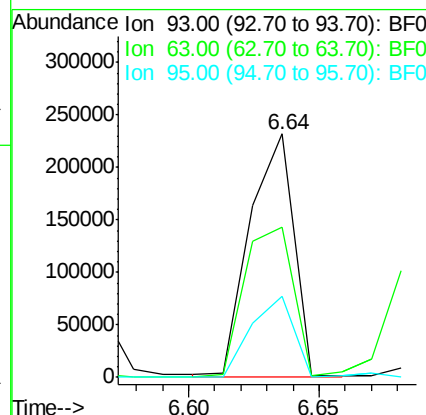
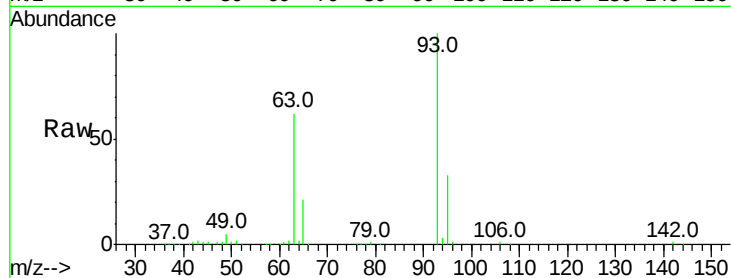
#11
bis(2-Chloroethyl)ether
Concen: 49.28 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	61.9	64.7	104.7#
95	33.5	12.7	52.7

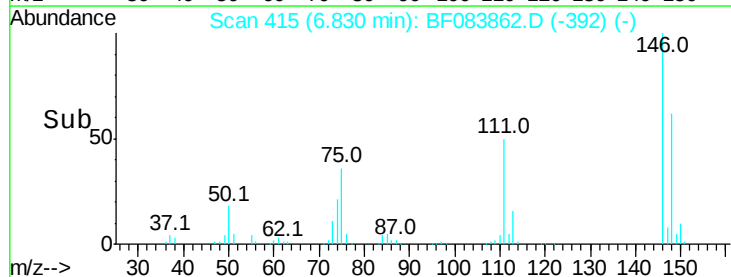
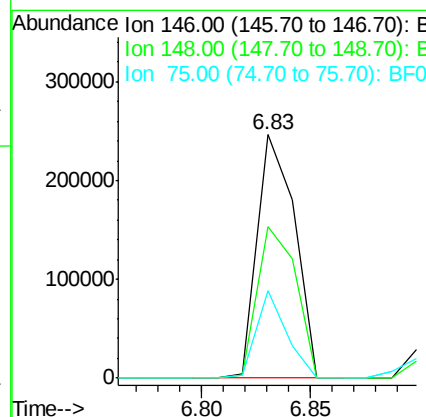
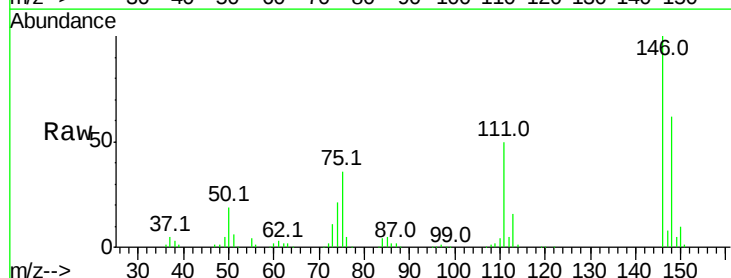
Manual Integrations
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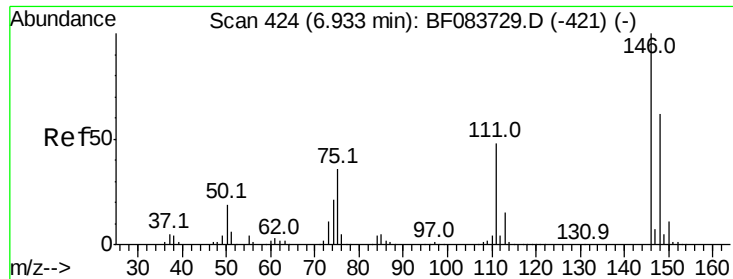
MMdadoda
12/17/2015 5:34:16 PM



#12
1,3-Dichlorobenzene
Concen: 44.62 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.3	76.9
75	36.0	24.1	36.1





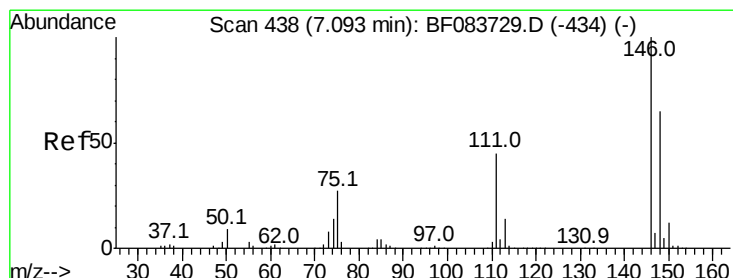
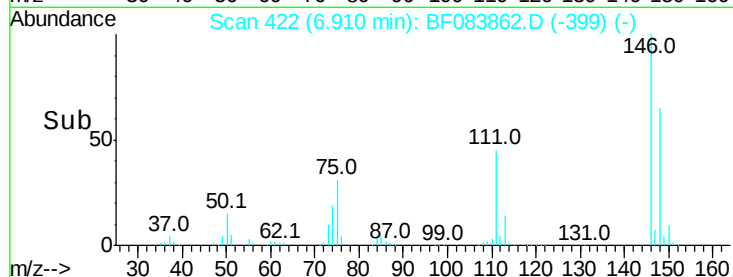
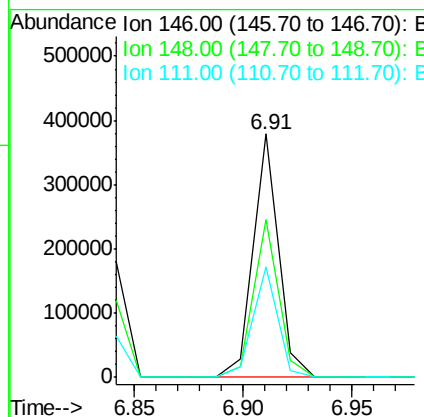
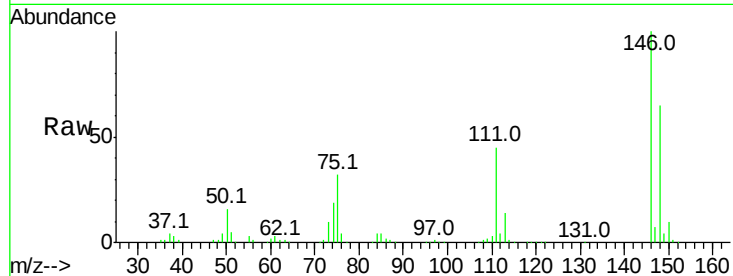
#13
 1,4-Dichlorobenzene
 Concen: 45.65 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion:	146	Resp:	306354
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	76.0
111	45.2	36.1	54.1

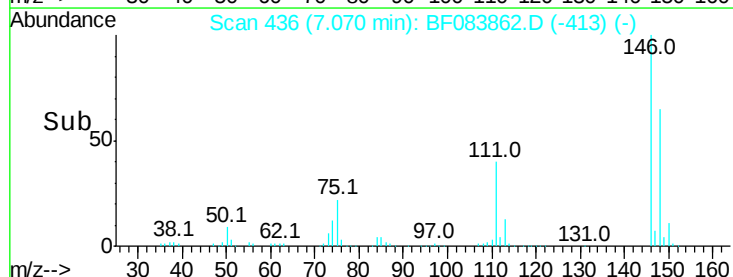
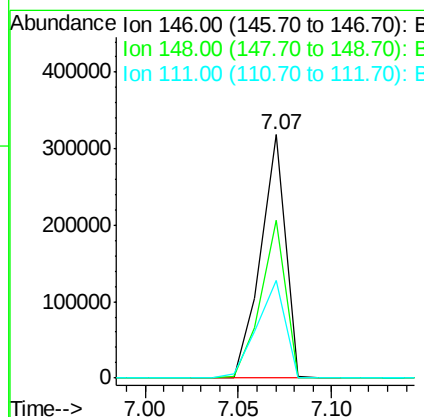
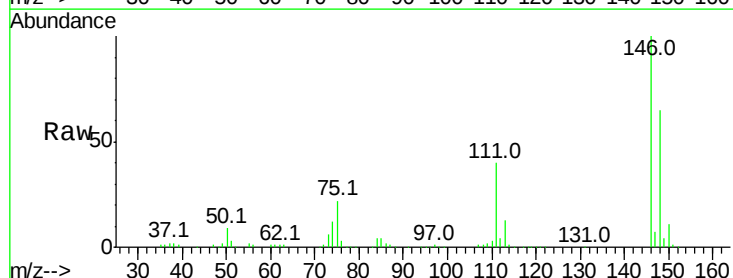
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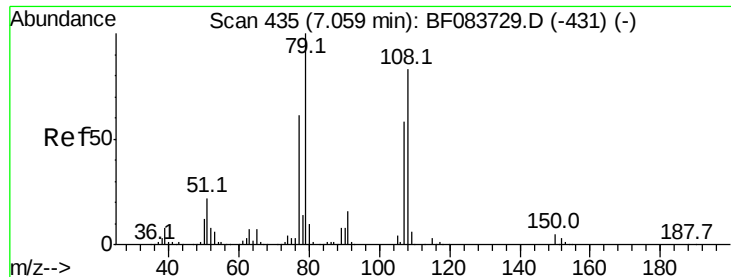
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 48.35 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion:	146	Resp:	291560
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.4	77.0
111	40.1	36.7	55.1





#15

Benzyl Alcohol

Concen: 48.62 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

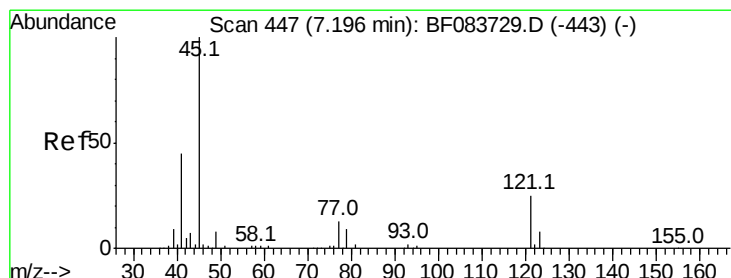
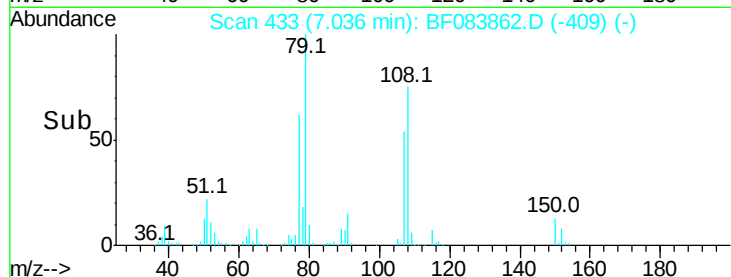
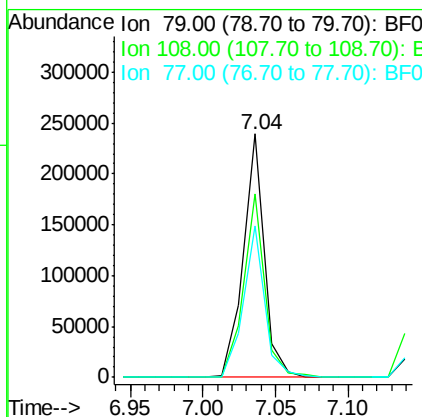
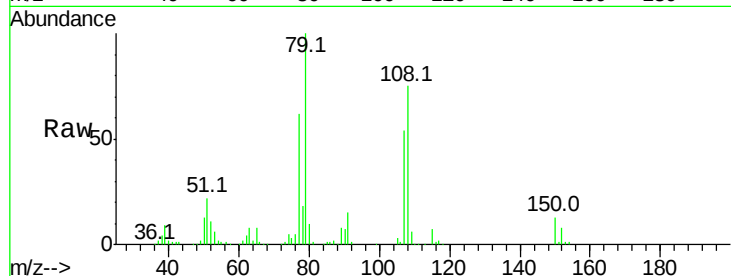
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	79	Resp:	240855
Ion Ratio	Lower	Upper	
79	100		
108	75.4	59.6	89.4
77	62.2	49.8	74.6

Manual Integrations
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MMdadoda
12/17/2015 5:34:16 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.69 ng

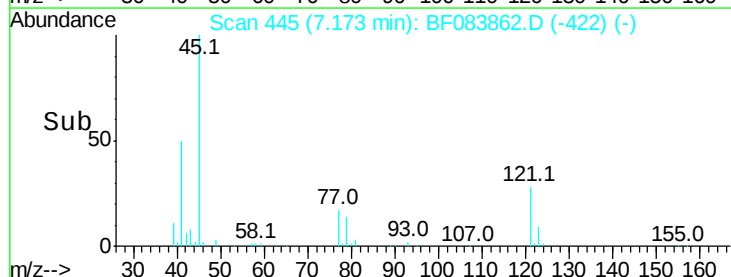
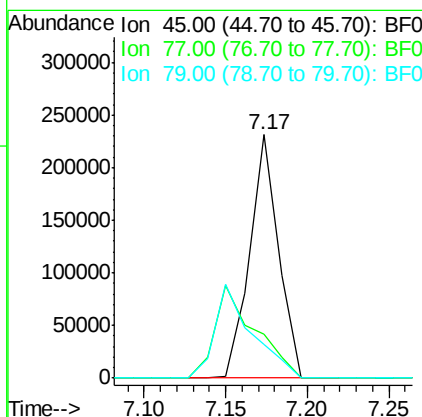
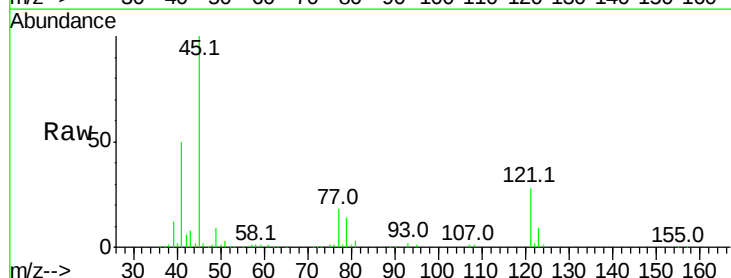
RT: 7.17 min Scan# 445

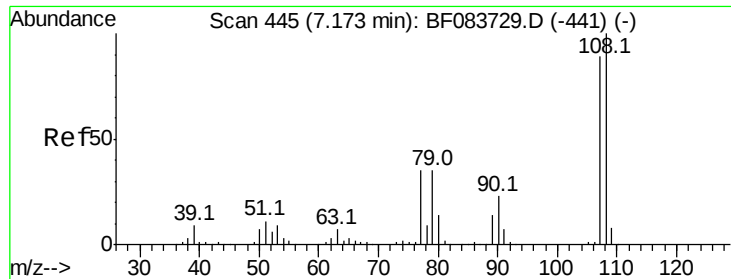
Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	45	Resp:	282401
Ion Ratio	Lower	Upper	
45	100		
77	17.8	12.8	52.8
79	14.0	10.7	50.7





#17

2-Methylphenol

Concen: 46.59 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:107 Resp: 234407
Ion Ratio Lower Upper

107 100

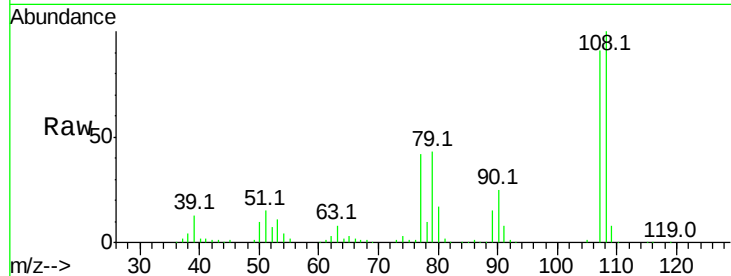
108 110.4 91.6 137.4

77 46.5 53.7 80.5#

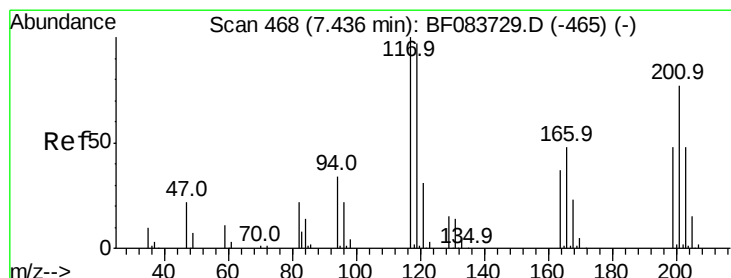
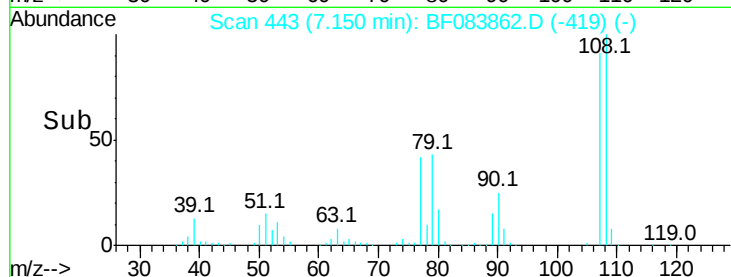
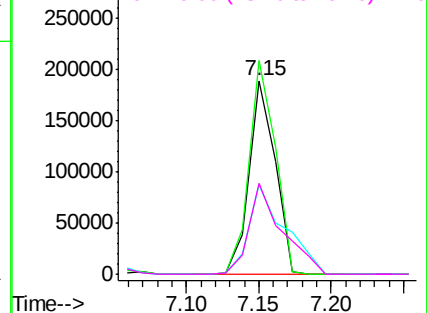
79 47.1 50.2 75.4#

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



#18

Hexachloroethane

Concen: 47.46 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF083862.D

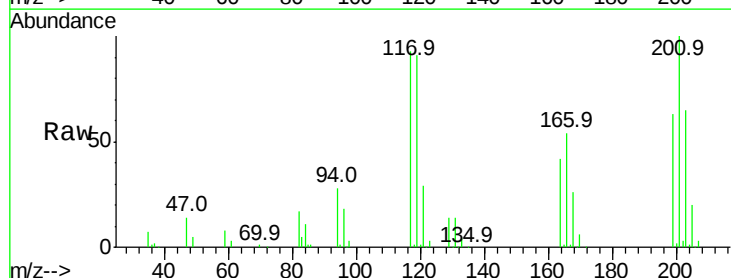
Acq: 16 Dec 2015 21:44

Tgt Ion:117 Resp: 113106
Ion Ratio Lower Upper

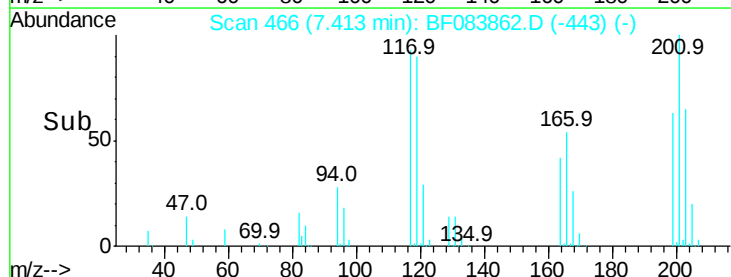
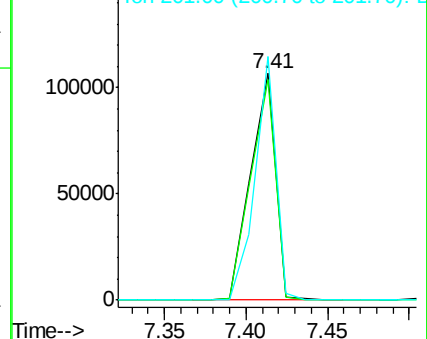
117 100

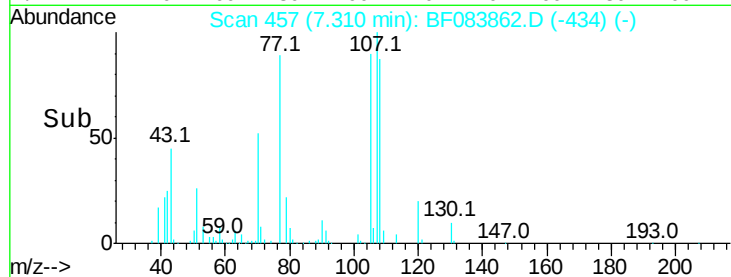
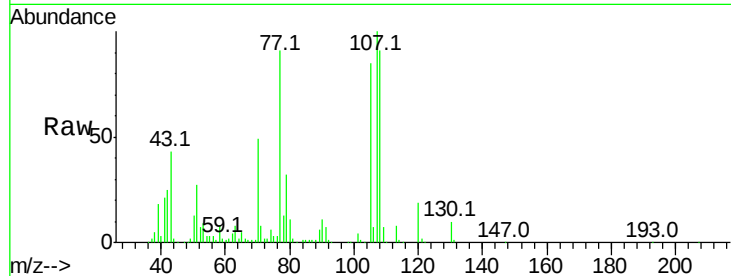
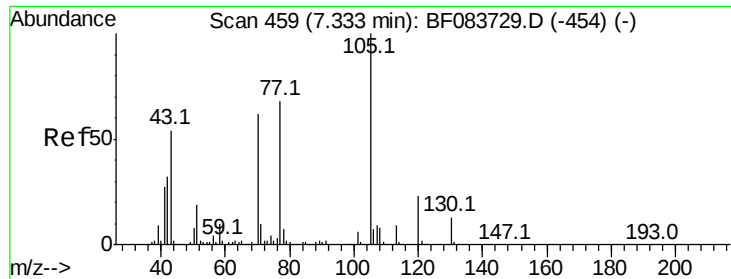
119 97.4 77.2 115.8

201 107.3 86.8 130.2



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





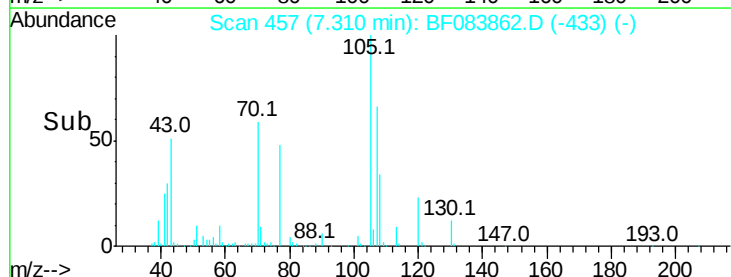
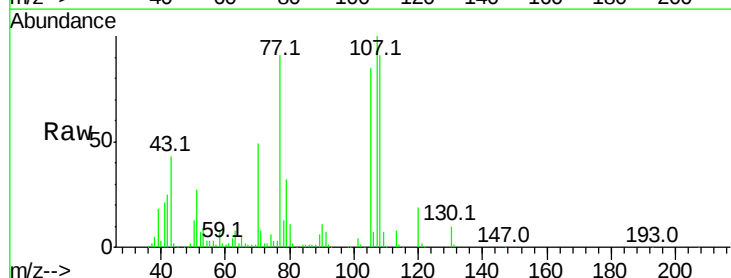
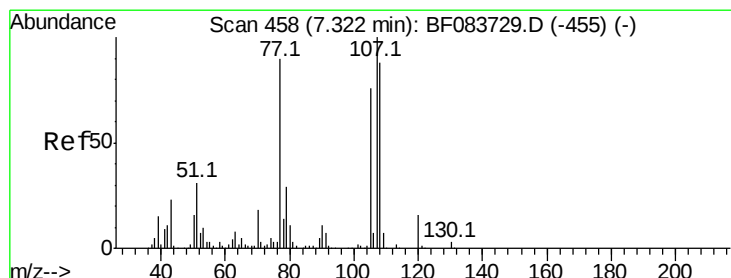
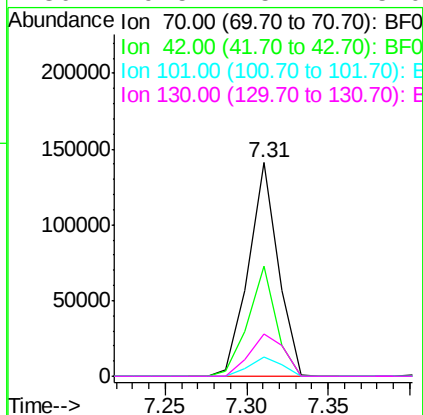
#19
n-Nitroso-di-n-propylamine
Concen: 42.92 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

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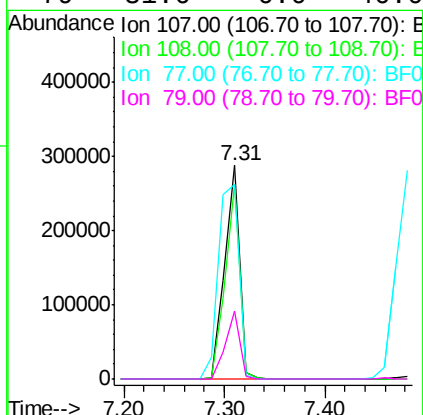
MMdadoda
12/17/2015 5:34:16 PM

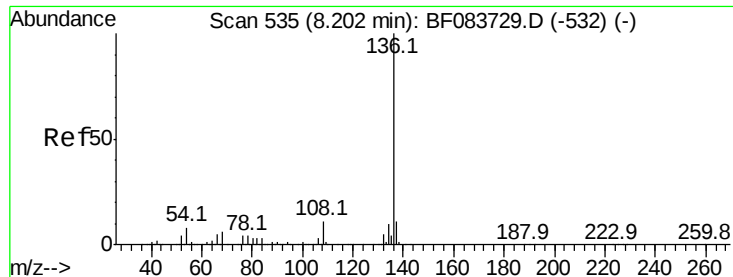
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.5	49.2	73.8	
101	9.0	7.1	10.7	
130	19.5	15.4	23.0	



#20
3+4-Methylphenols
Concen: 50.22 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	65.2	105.2	
77	91.3	15.2	55.2#	
79	31.6	6.0	46.0	





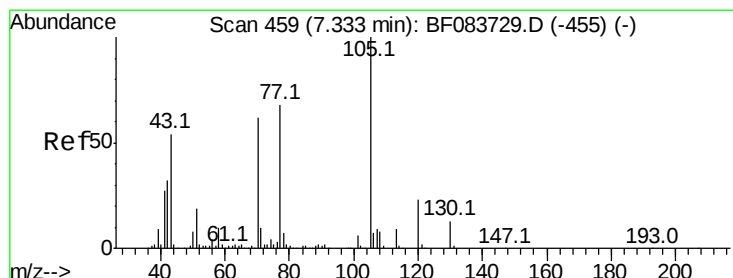
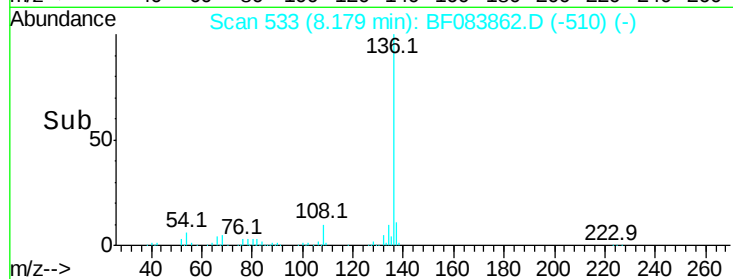
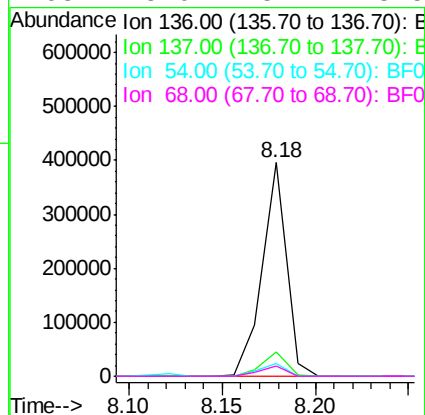
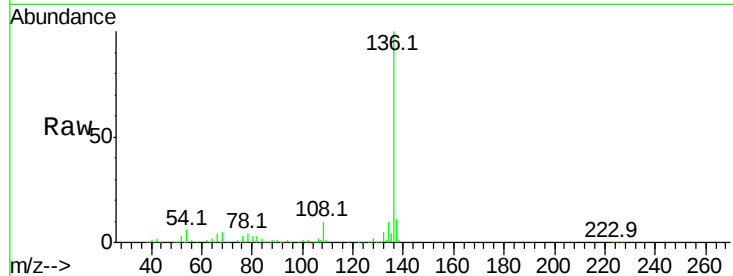
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	5.9	7.8	11.6#	
68	5.0	5.7	8.5#	

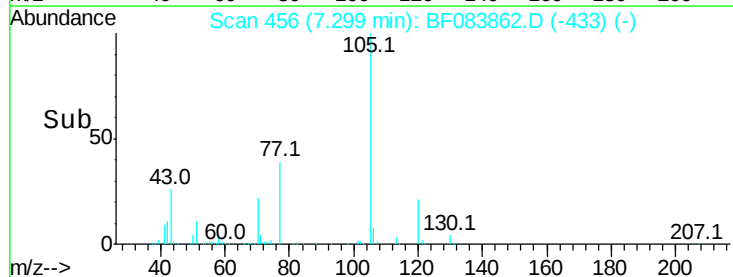
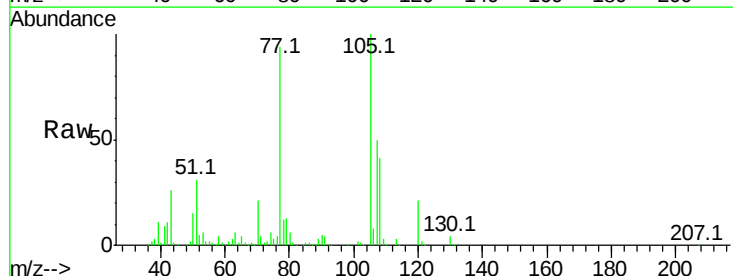
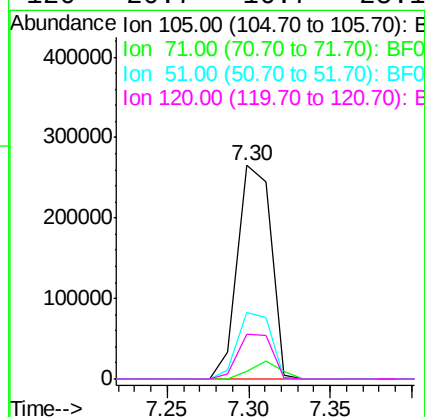
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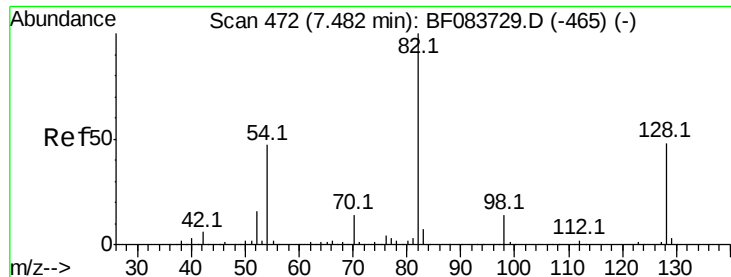
MMdadoda
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#22
Acetophenone
Concen: 43.37 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	1.3	1.9#	
51	31.0	23.8	35.8	
120	20.7	16.7	25.1	





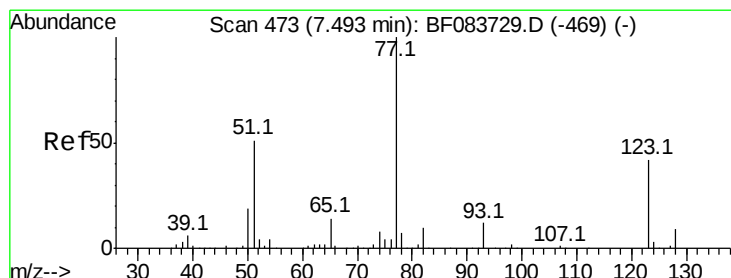
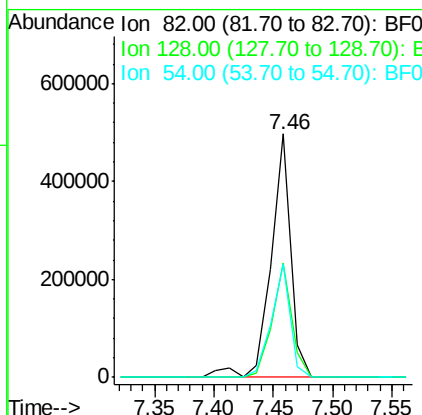
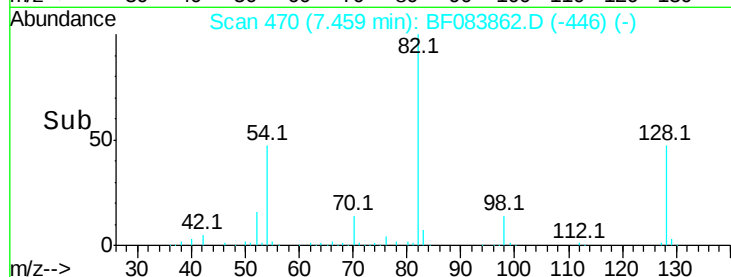
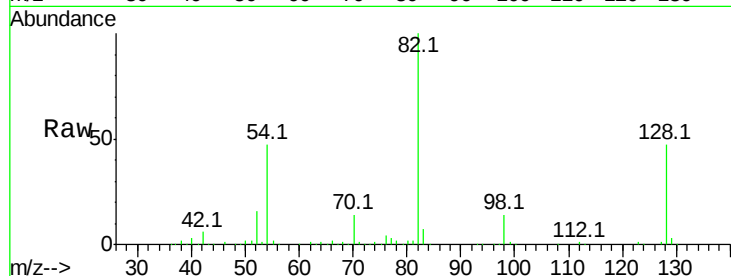
#23
Nitrobenzene-d5
Concen: 91.00 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	30.7	46.1#
54	46.5	42.5	63.7

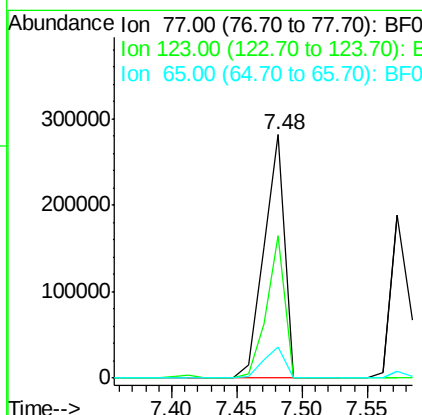
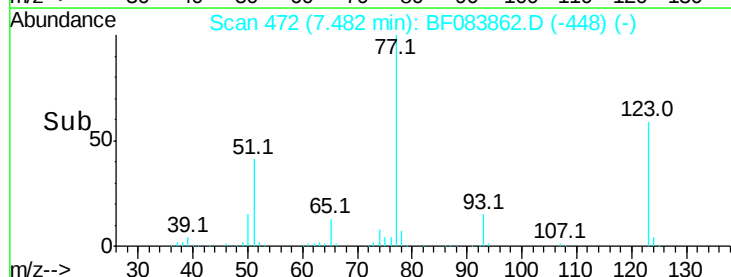
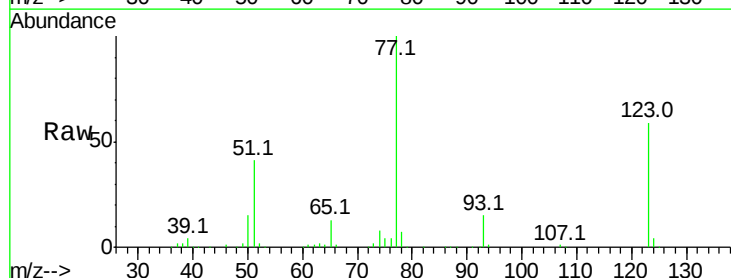
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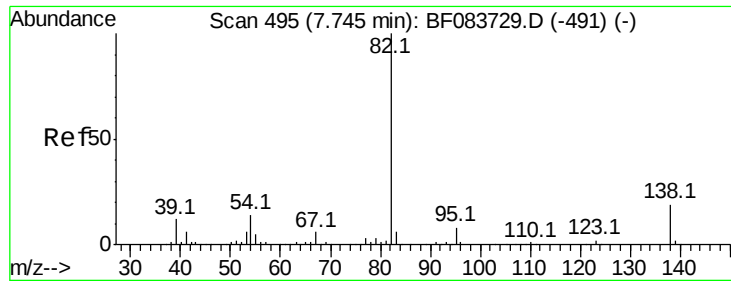
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#24
Nitrobenzene
Concen: 46.93 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	58.7	29.8	44.6#
65	12.8	11.1	16.7





#25

Isophorone

Concen: 43.87 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

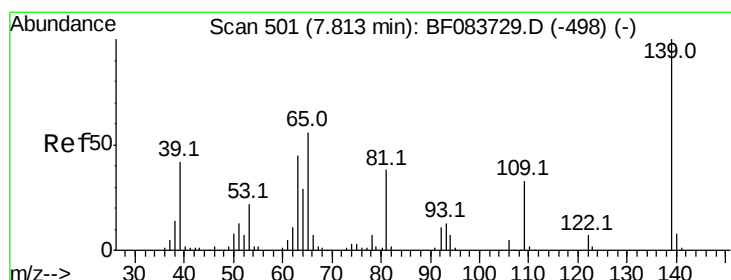
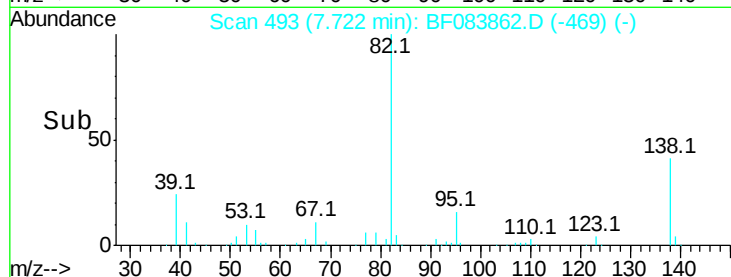
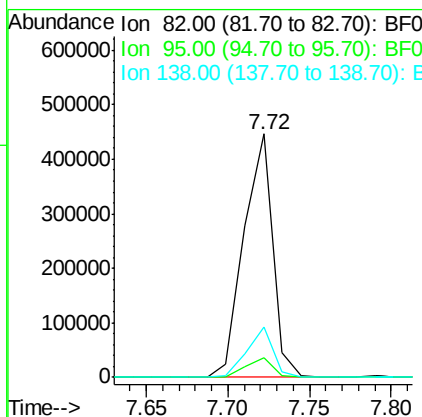
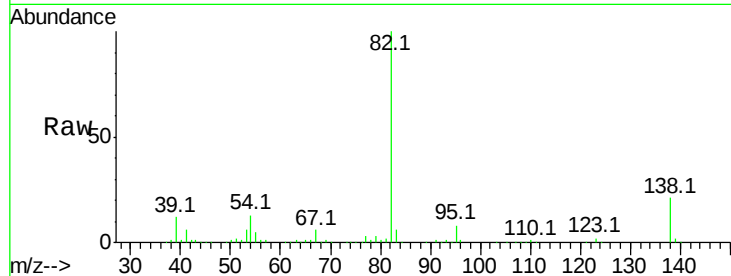
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	82	Resp:	545649
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.0	7.4#
138	20.5	12.1	18.1#

Manual Integrations
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MMdadoda
12/17/2015 5:34:16 PM



#26

2-Nitrophenol

Concen: 45.55 ng

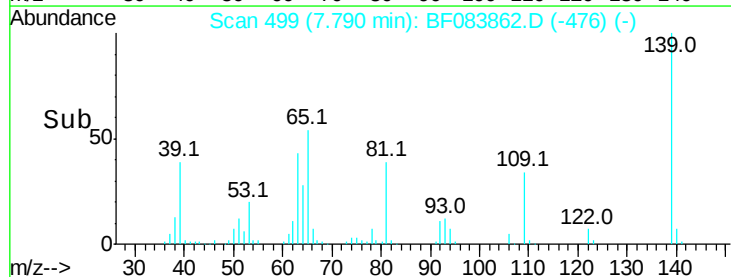
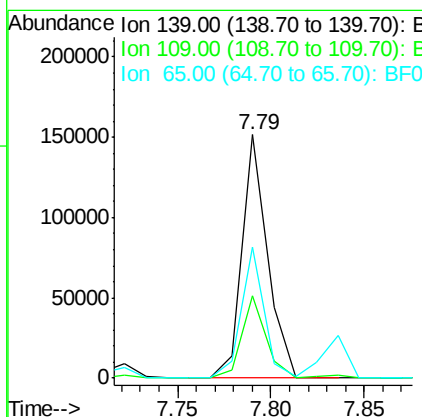
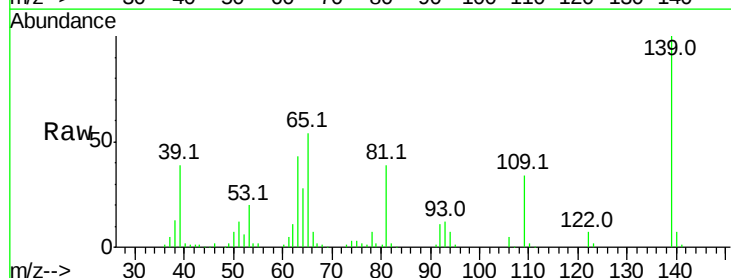
RT: 7.79 min Scan# 499

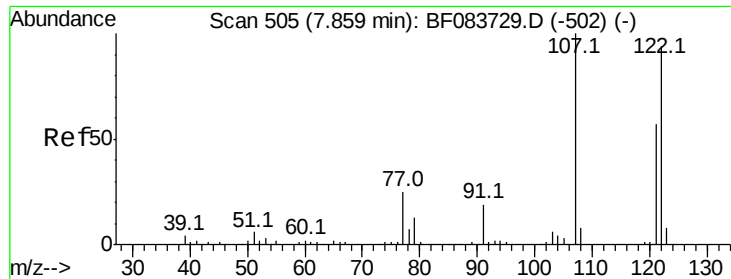
Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	139	Resp:	144361
Ion Ratio	Lower	Upper	
139	100		
109	33.8	22.7	34.1
65	53.8	51.8	77.8





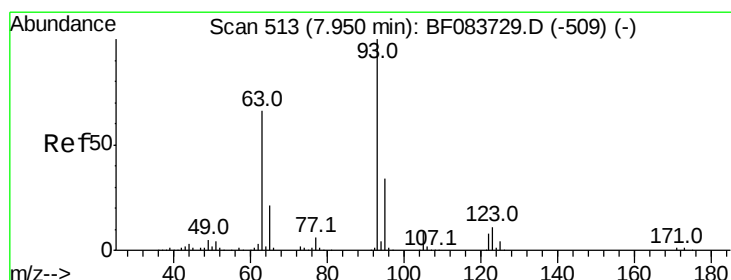
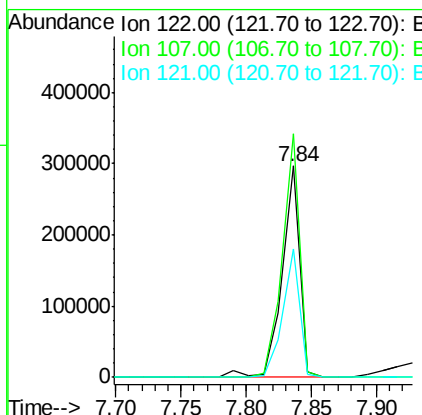
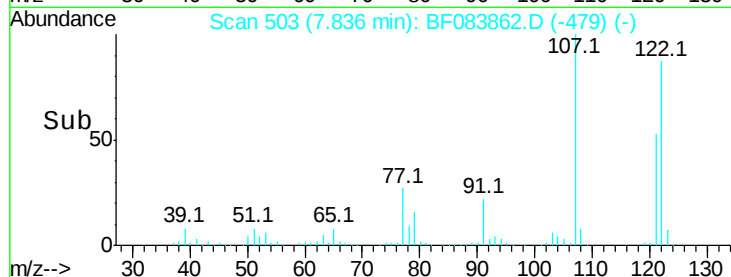
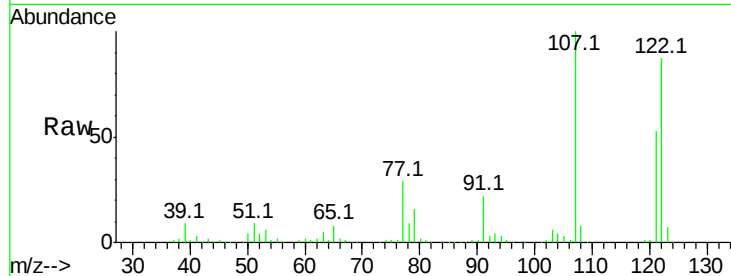
#27
 2,4-Dimethylphenol
 Concen: 45.67 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion:	122	Resp:	284392
Ion Ratio	Lower	Upper	
122	100		
107	115.3	92.4	138.6
121	60.8	45.8	68.6

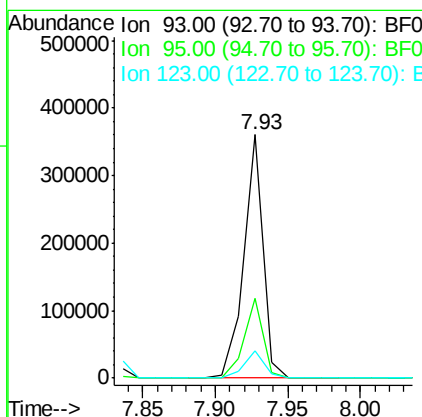
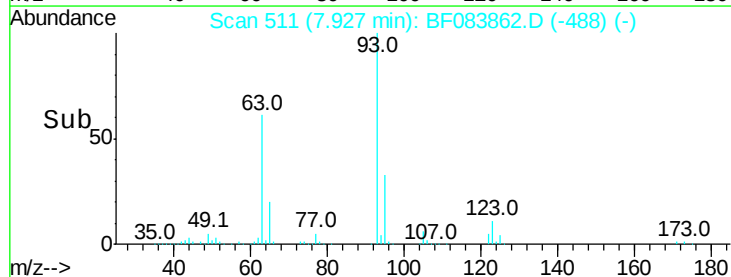
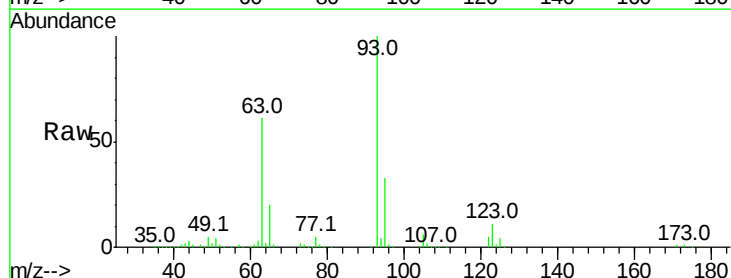
Manual Integrations
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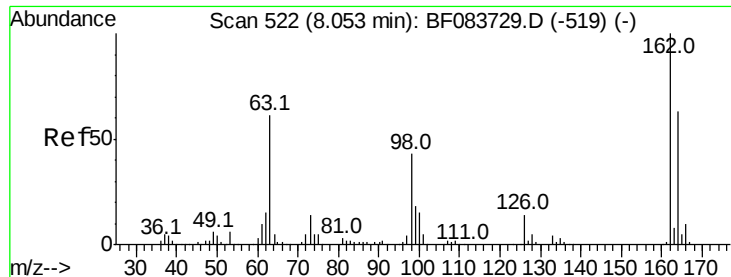
MMdadoda
 12/17/2015 5:34:16 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.57 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion:	93	Resp:	330472
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.6	38.4
123	11.0	7.3	10.9#





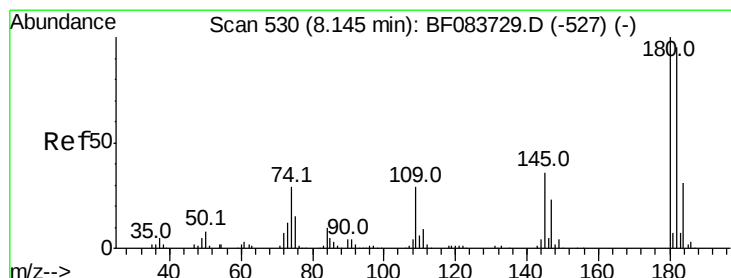
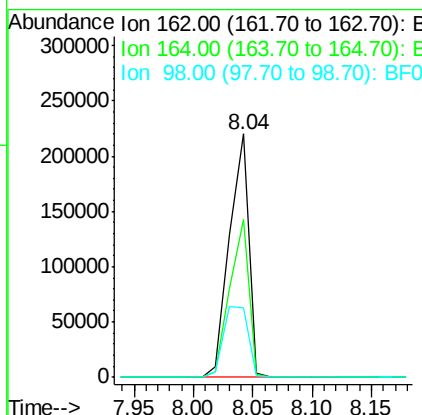
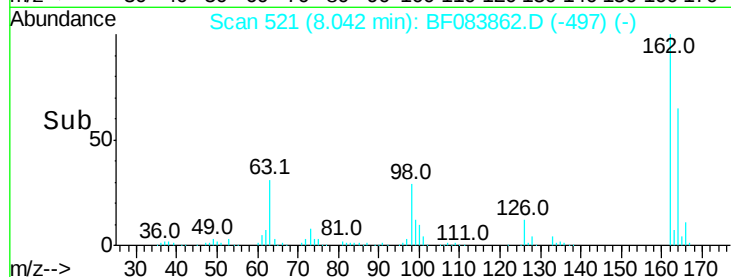
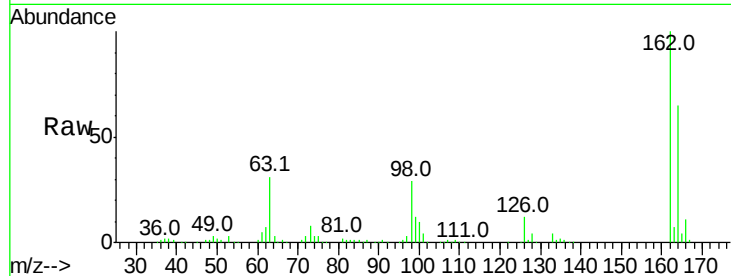
#29
 2,4-Dichlorophenol
 Concen: 48.81 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion:	162	Resp:	249536
Ion Ratio	Lower	Upper	
162	100		
164	64.7	43.4	83.4
98	28.7	17.5	57.5

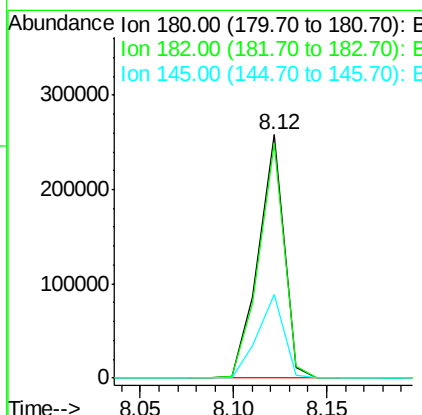
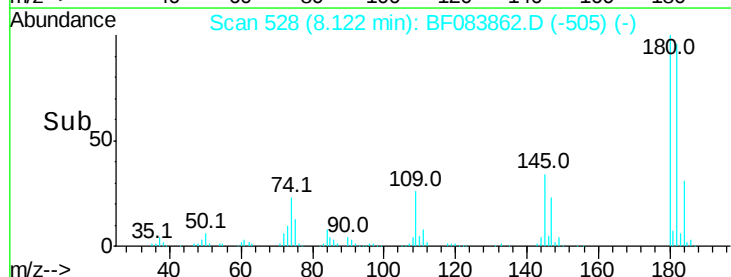
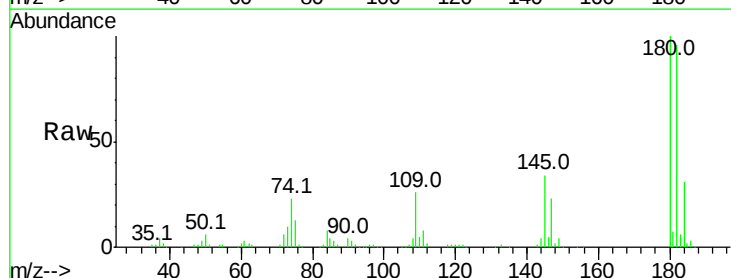
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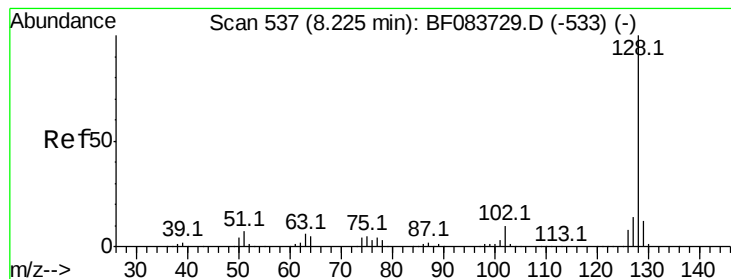
MMdadoda
 12/17/2015 5:34:16 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.20 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion:	180	Resp:	244941
Ion Ratio	Lower	Upper	
180	100		
182	96.5	74.9	112.3
145	34.4	24.7	37.1





#31

Naphthalene

Concen: 46.87 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

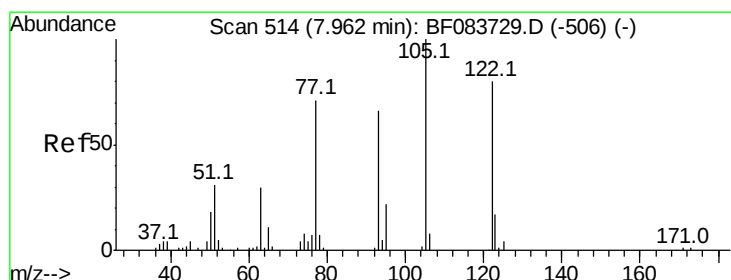
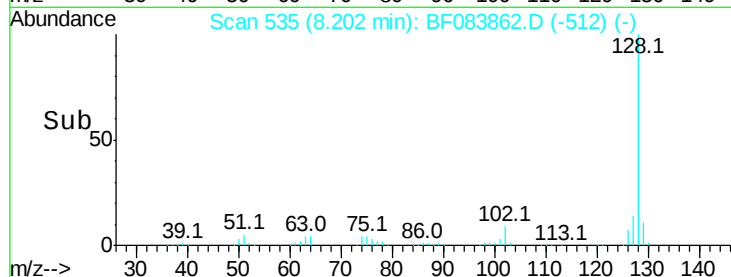
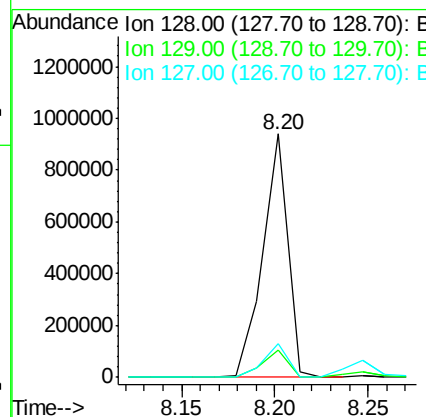
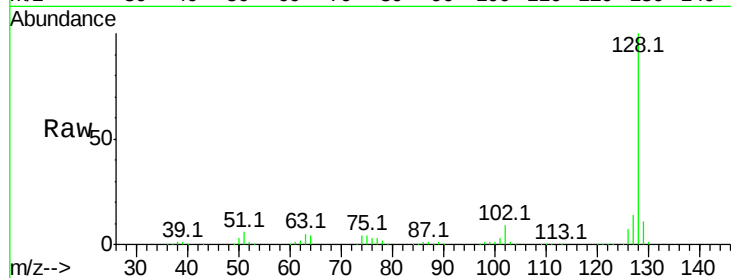
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	128	Resp:	866532
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	13.0
127	13.7	10.6	16.0

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#32

Benzoic acid

Concen: 14.92 ng

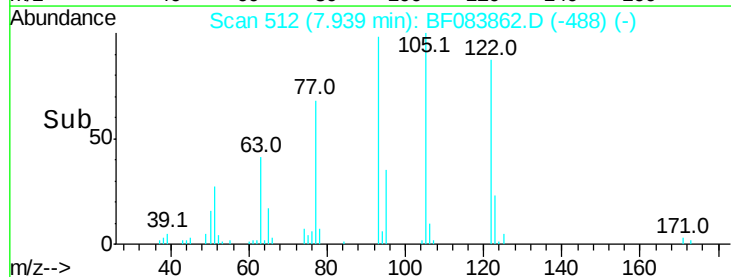
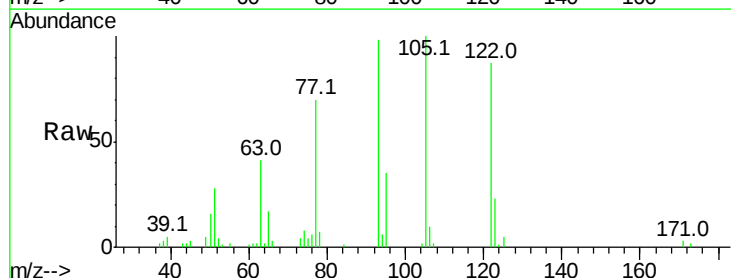
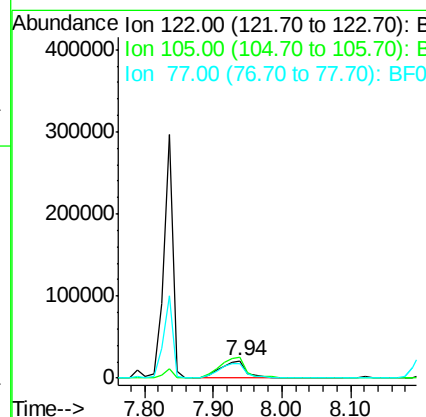
RT: 7.94 min Scan# 512

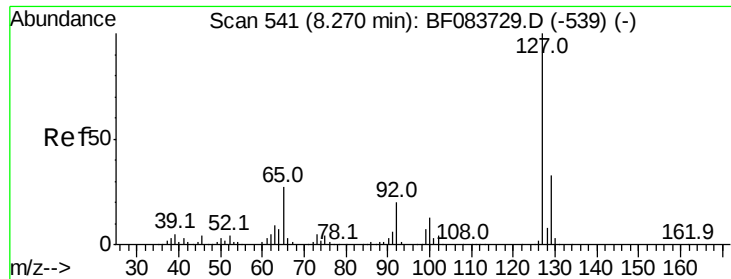
Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	122	Resp:	57907
Ion Ratio	Lower	Upper	
122	100		
105	115.1	105.6	145.6
77	80.8	86.8	126.8#





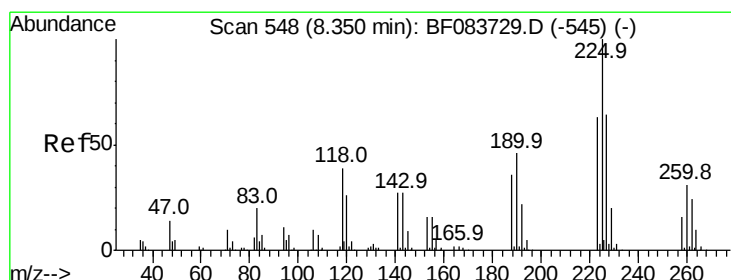
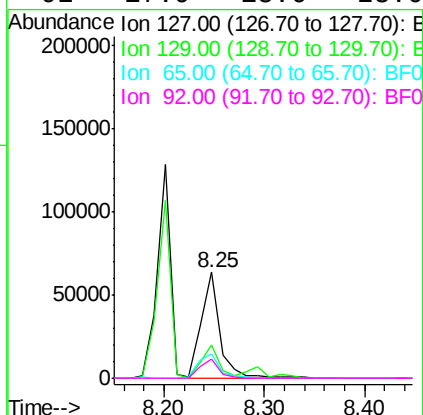
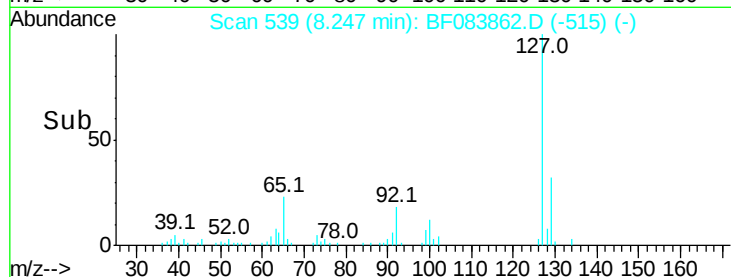
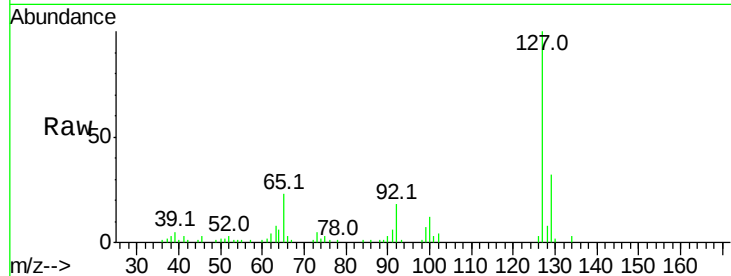
#33
4-Chloroaniline
Concen: 10.87 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.8	26.1	39.1
65	22.5	33.5	50.3
92	17.9	18.6	28.0

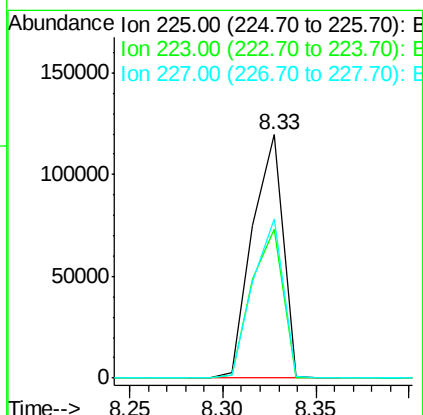
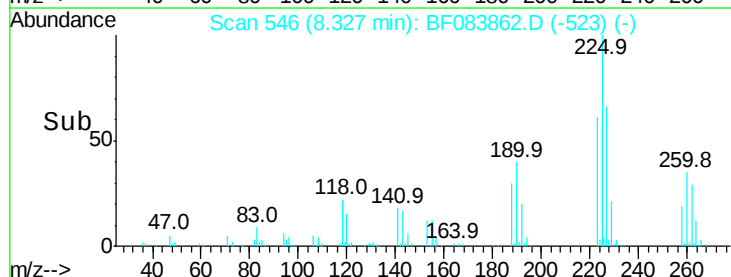
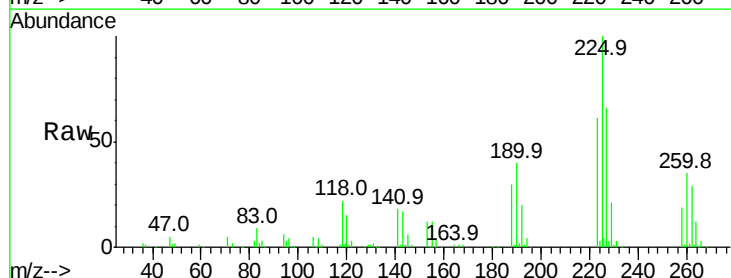
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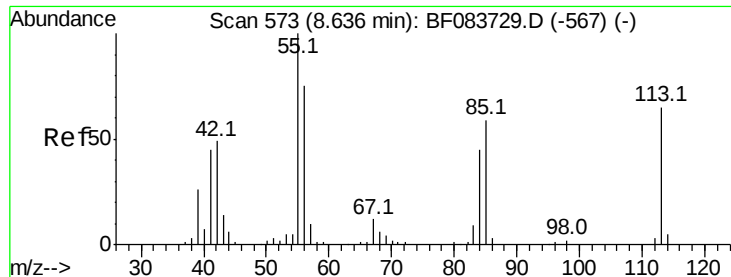
MMdadoda
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#34
Hexachlorobutadiene
Concen: 46.84 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.4	52.3	78.5
227	65.6	50.4	75.6





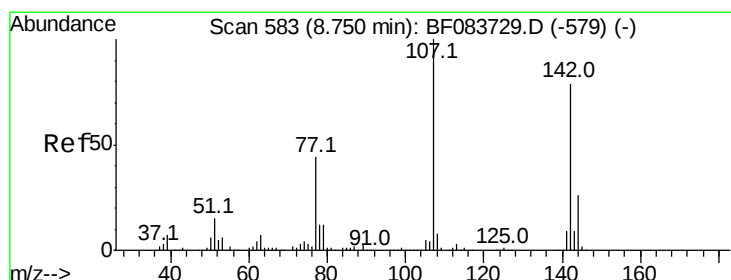
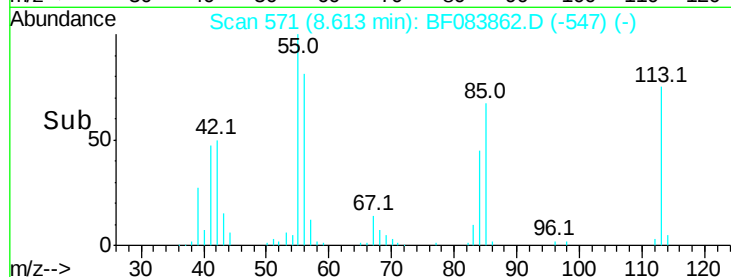
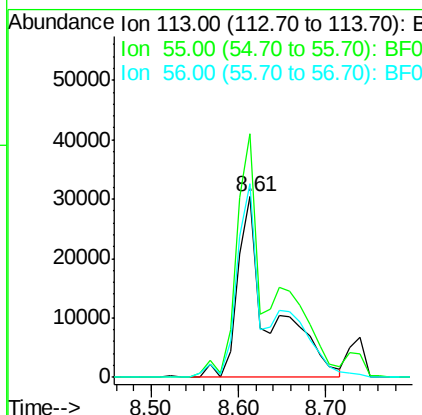
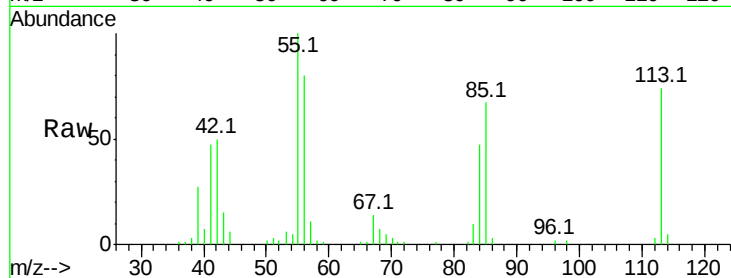
#35
Caprolactam
Concen: 48.52 ng/ml
RT: 8.61 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.6	189.7	229.7#
56	107.4	130.7	170.7#

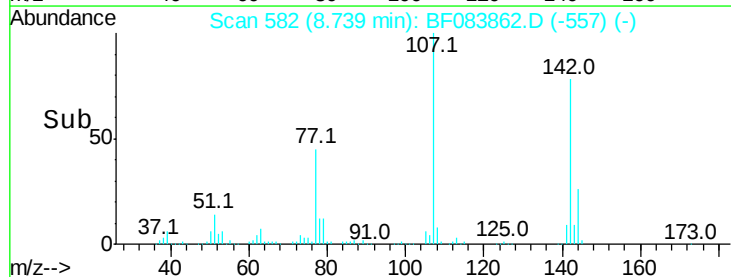
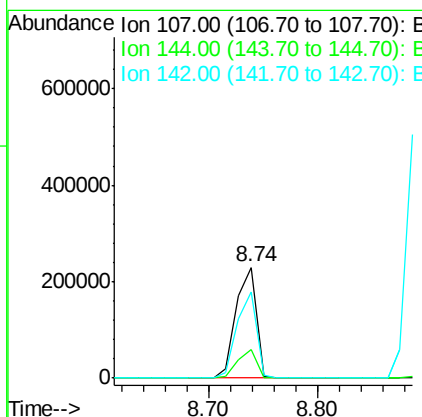
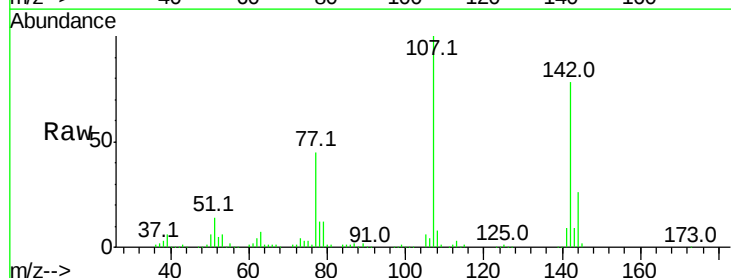
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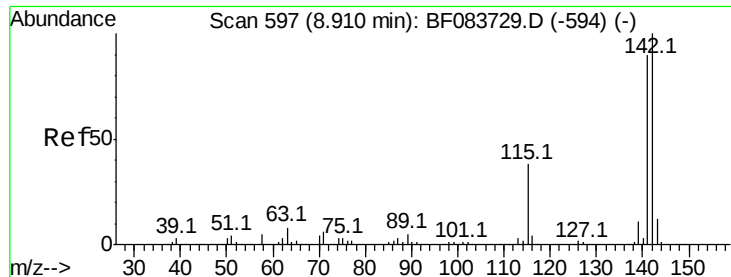
MMdadoda
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#36
4-Chloro-3-methylphenol
Concen: 49.11 ng/ml
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	17.5	26.3
142	78.0	53.6	80.4





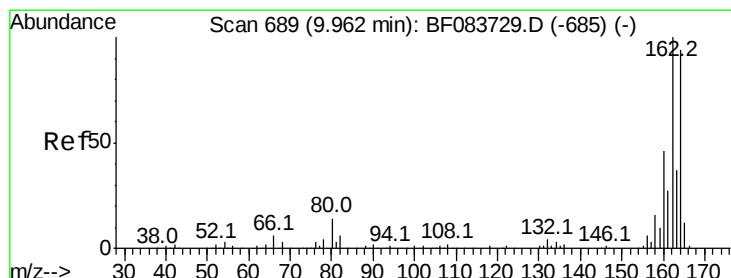
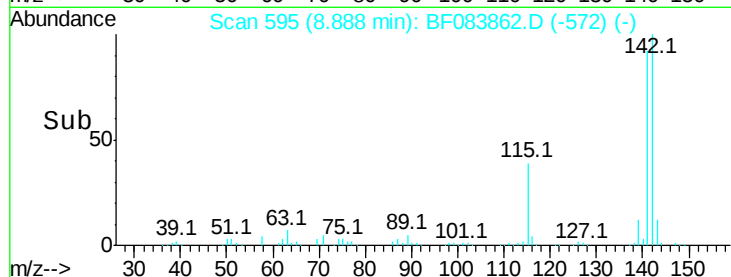
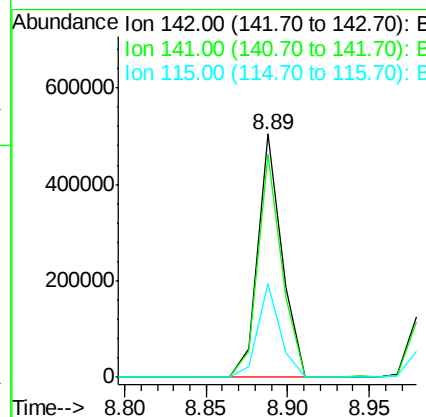
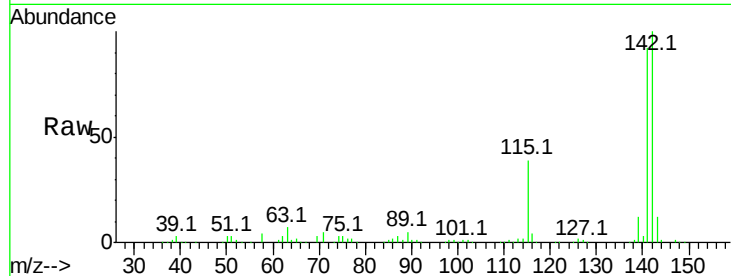
#37
 2-Methylnaphthalene
 Concen: 44.60 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.3	105.5
115	38.8	29.2	43.8

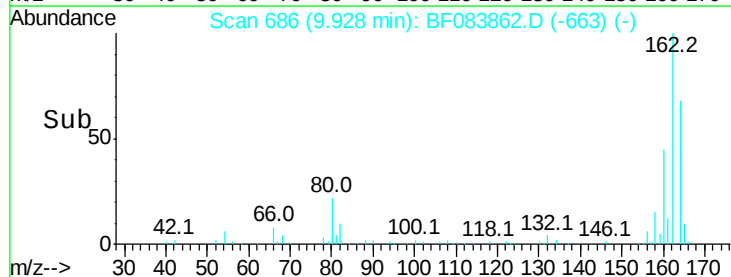
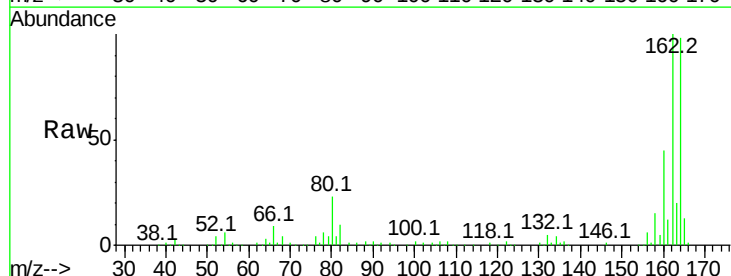
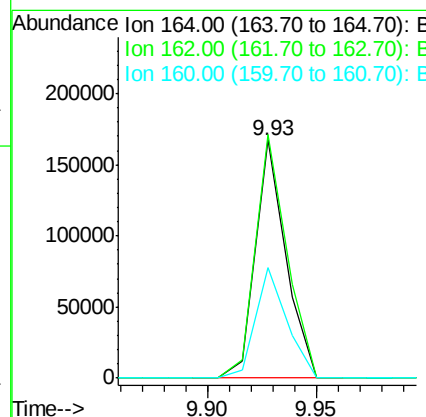
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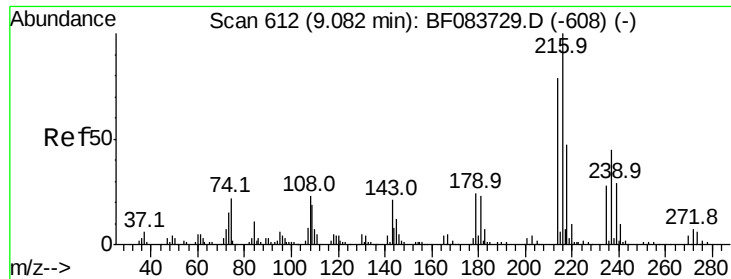
MMdadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	46.1	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.14 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:216 Resp: 229986
Ion Ratio Lower Upper

216 100

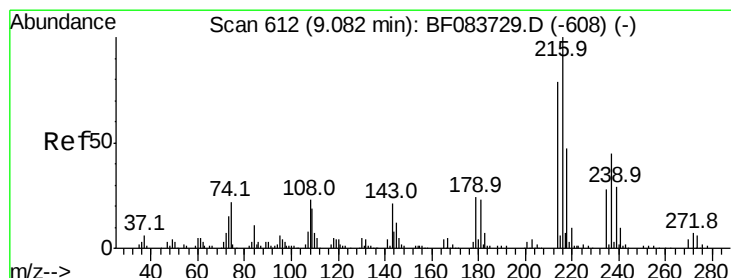
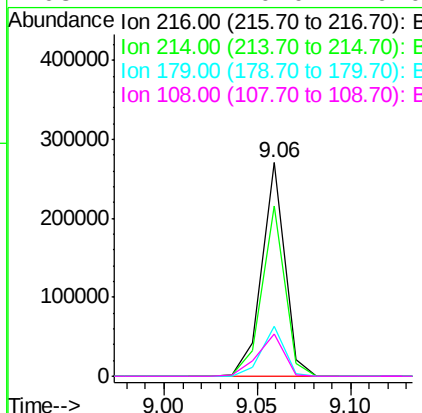
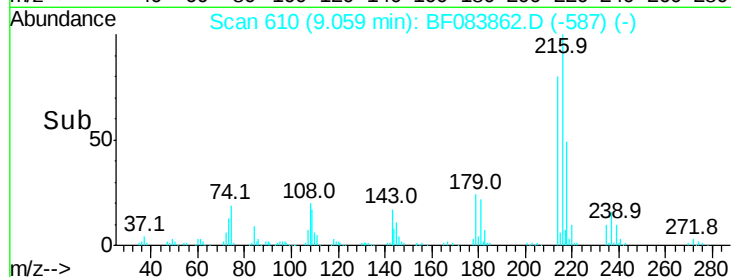
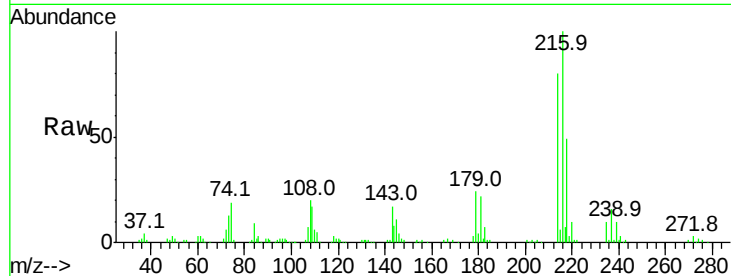
214 79.5 0.0 0.0#

179 23.2 0.0 0.0#

108 22.7 0.0 0.0#

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#40

Hexachlorocyclopentadiene

Concen: 63.27 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF083862.D

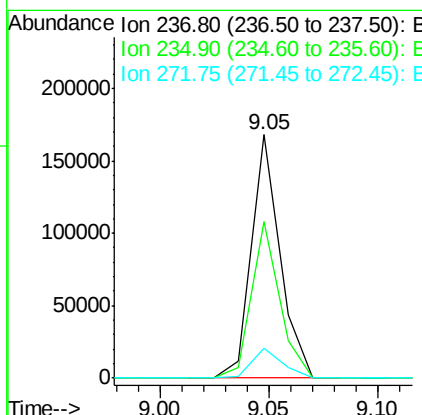
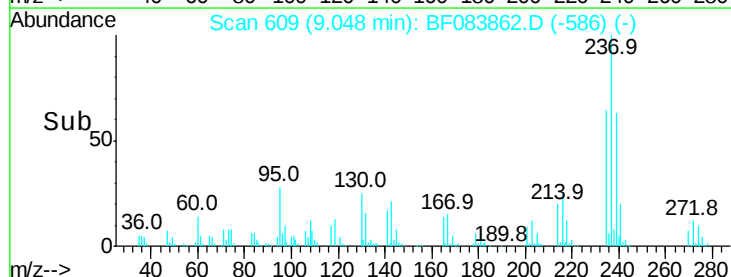
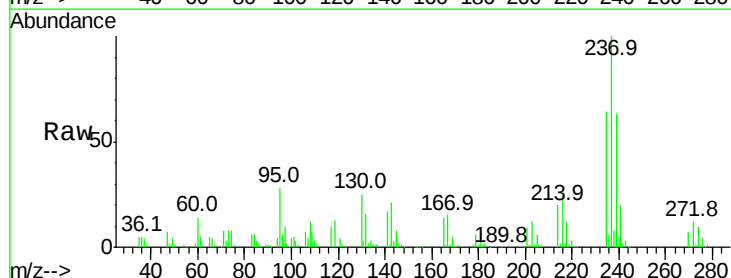
Acq: 16 Dec 2015 21:44

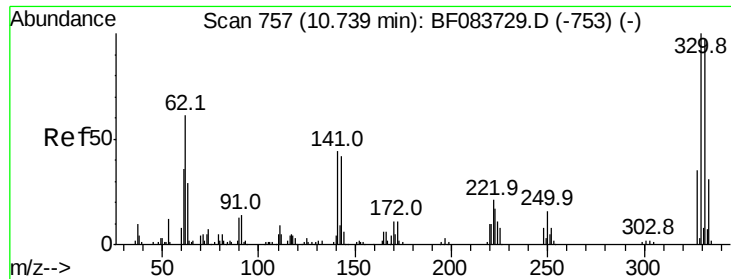
Tgt Ion:237 Resp: 153146
Ion Ratio Lower Upper

237 100

235 64.4 43.9 83.9

272 12.0 0.0 31.8





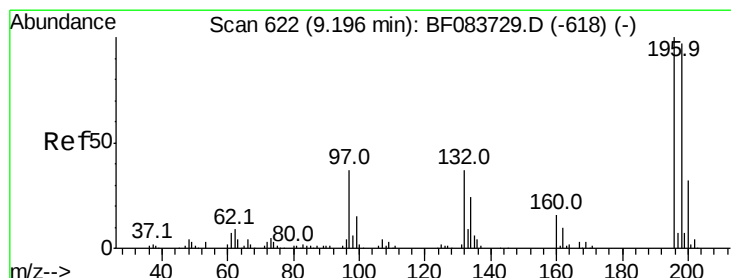
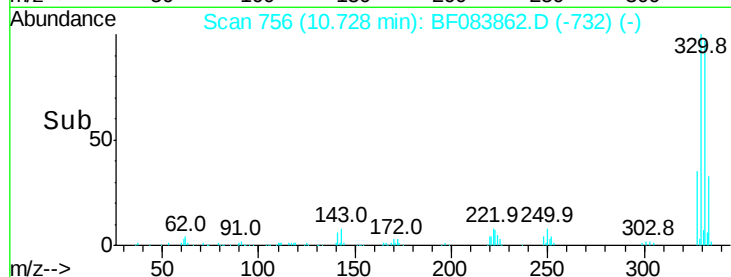
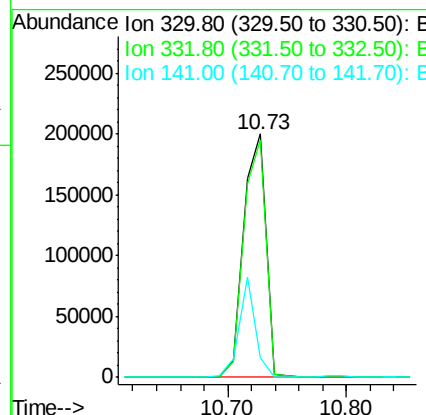
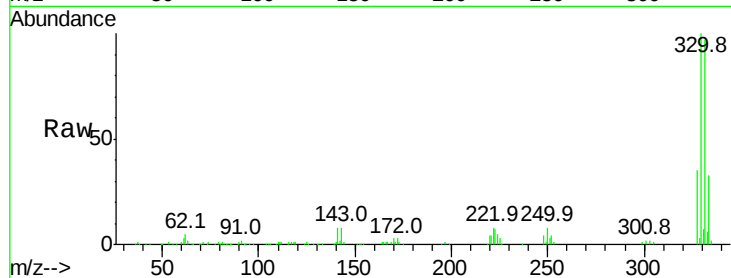
#41
 2,4,6-Tribromophenol
 Concen: 159.13 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	30.3	0.0	0.0#

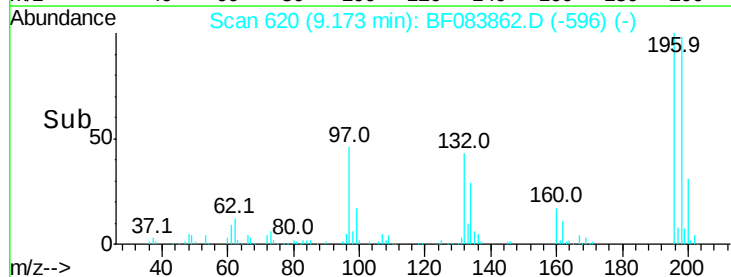
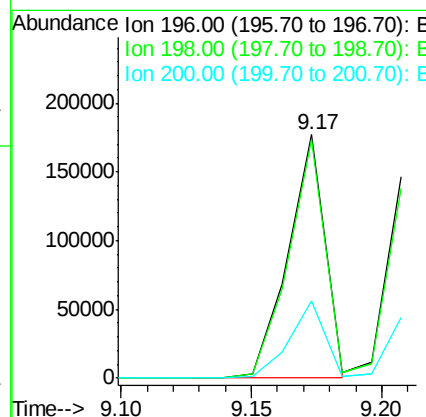
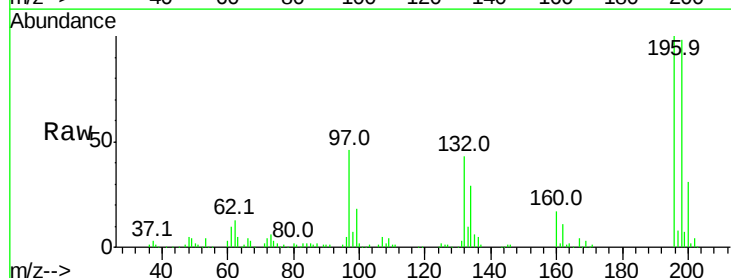
Manual Integrations
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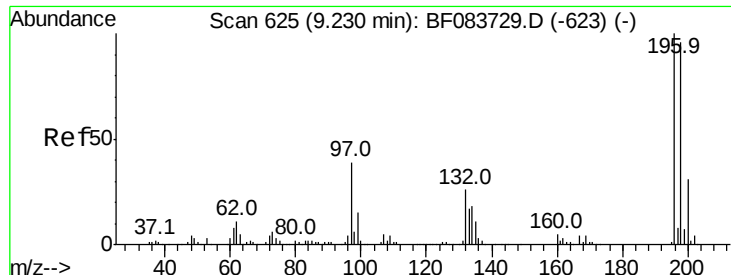
MMdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 49.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.8	75.2	112.8
200	31.5	23.0	34.6





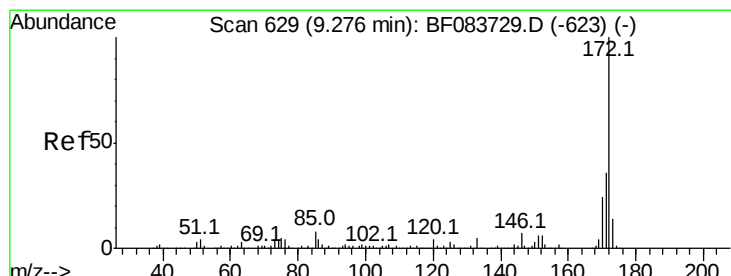
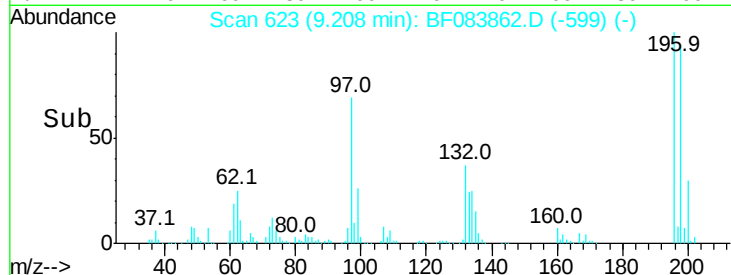
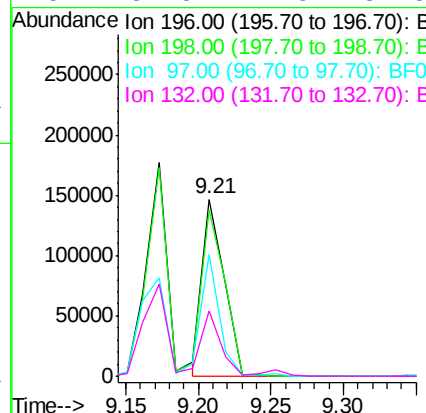
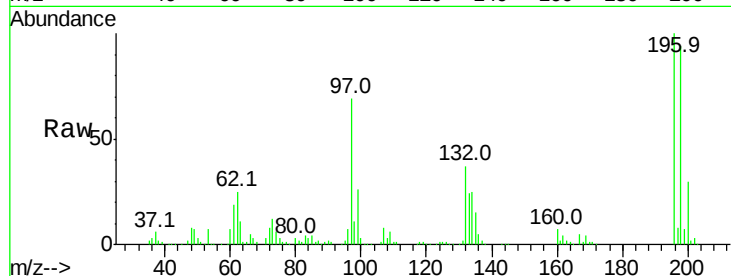
#43
 2,4,5-Trichlorophenol
 Concen: 46.69 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154873		
198	94.1	77.7	116.5	
97	69.2	41.2	61.8#	
132	37.3	21.8	32.8#	

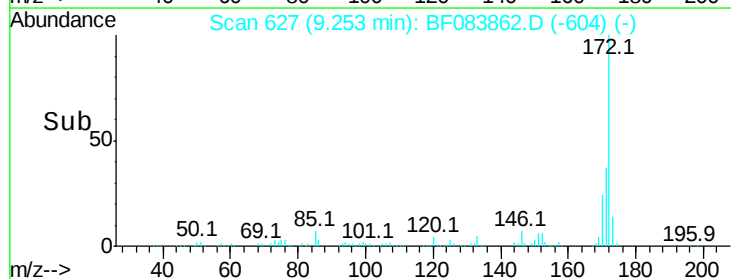
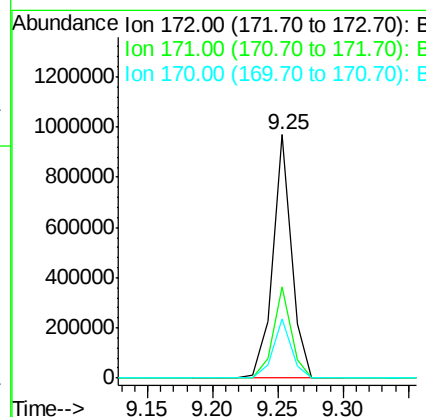
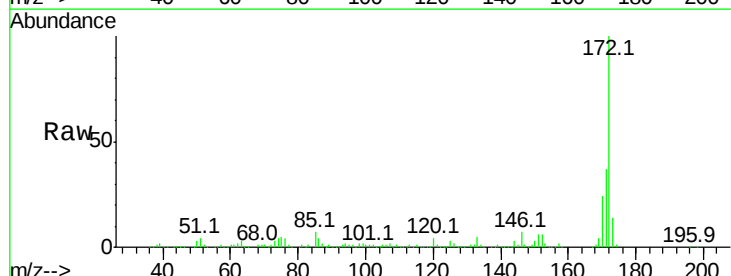
Manual Integrations
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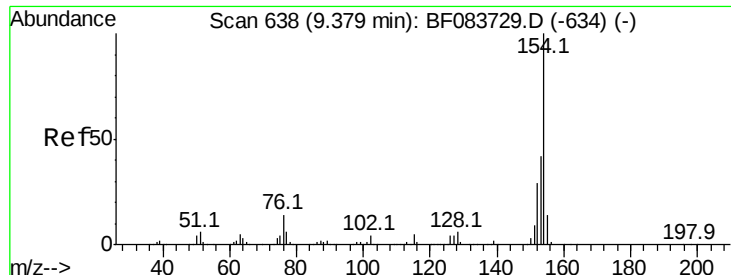
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#44
 2-Fluorobiphenyl
 Concen: 89.76 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	974974		
171	37.4	28.6	42.8	
170	24.4	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 47.78 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

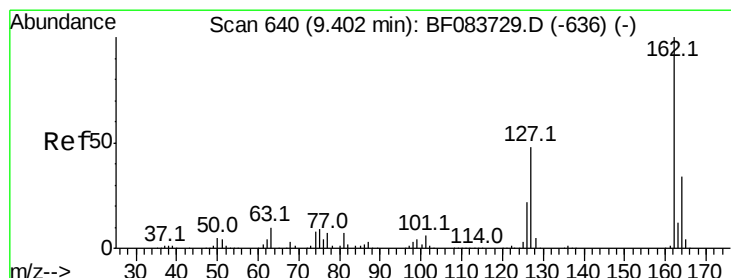
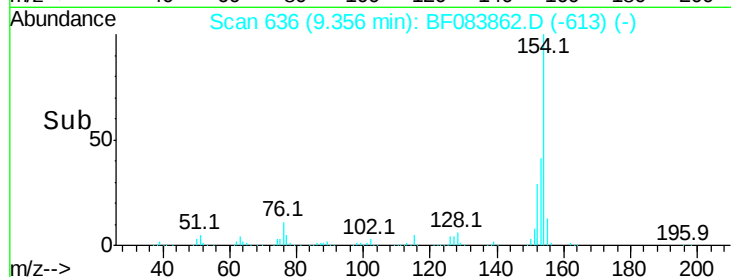
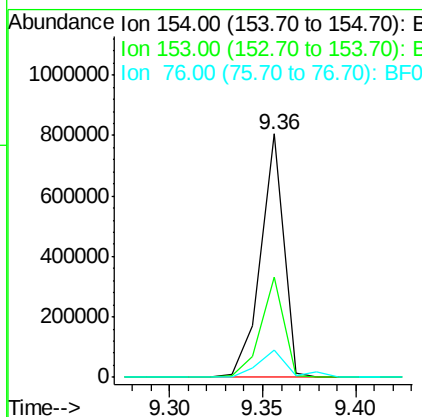
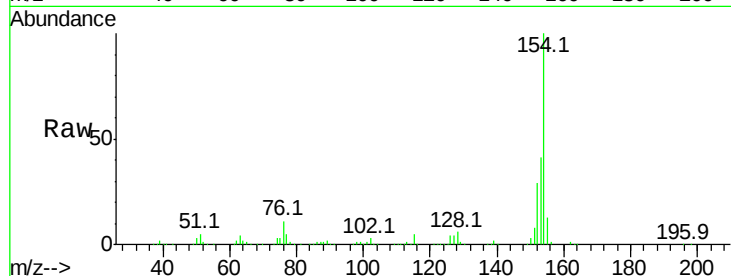
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	154	Resp:	685741
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.2	60.2
76	11.1	0.0	34.8

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#46

2-Chloronaphthalene

Concen: 46.36 ng

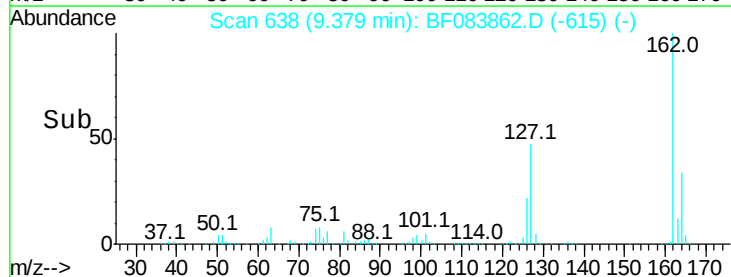
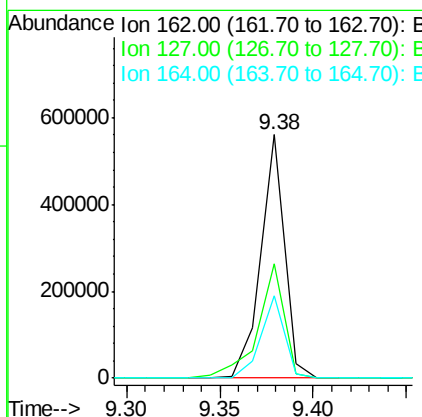
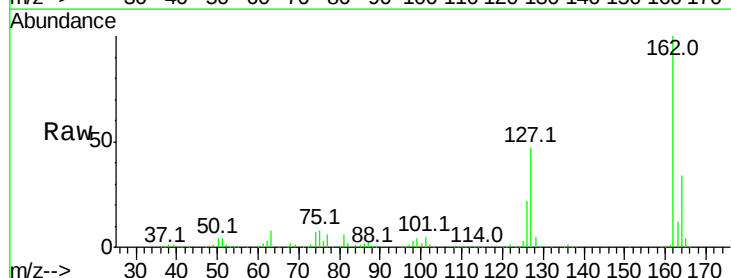
RT: 9.38 min Scan# 638

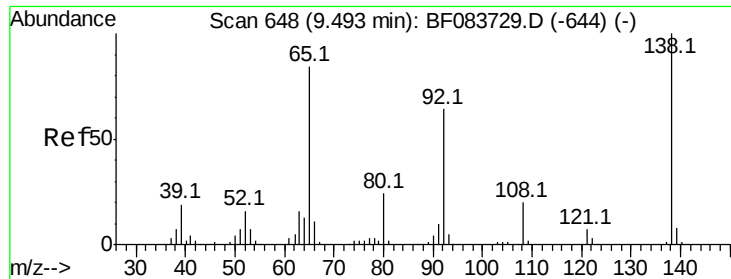
Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	162	Resp:	491117
Ion Ratio	Lower	Upper	
162	100		
127	46.7	31.0	46.4#
164	33.6	27.4	41.0





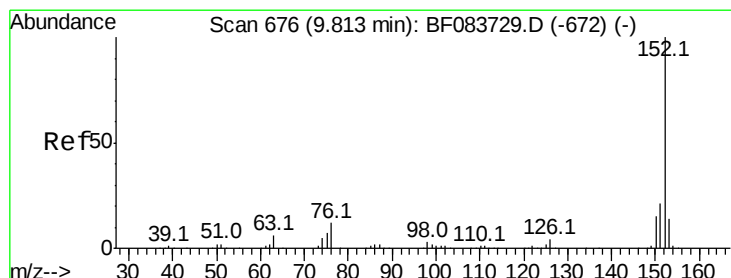
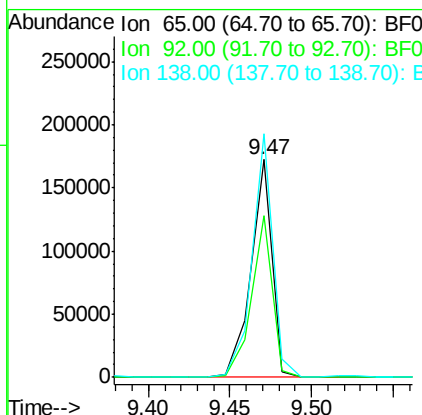
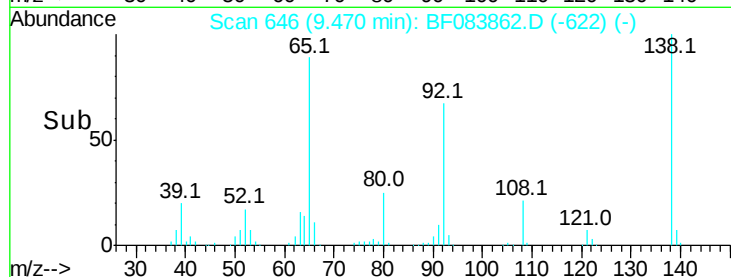
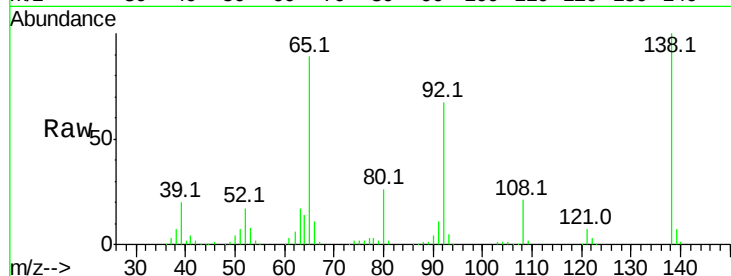
#47
2-Nitroaniline
Concen: 51.45 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	49.6	74.4#
138	111.9	64.1	96.1#

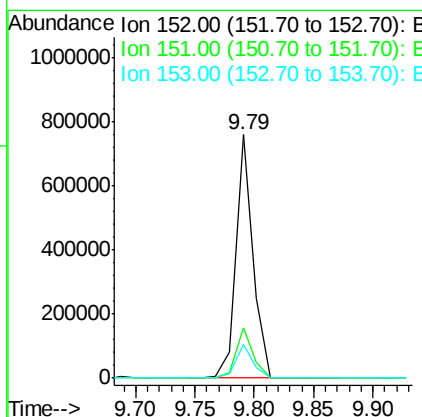
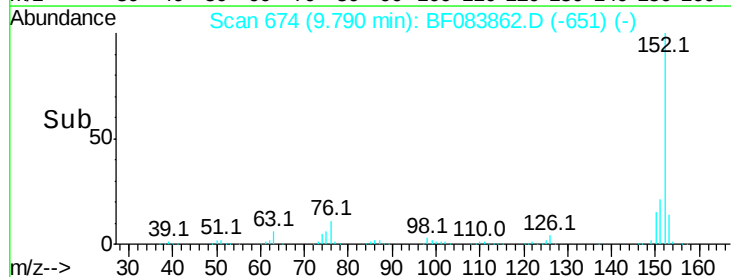
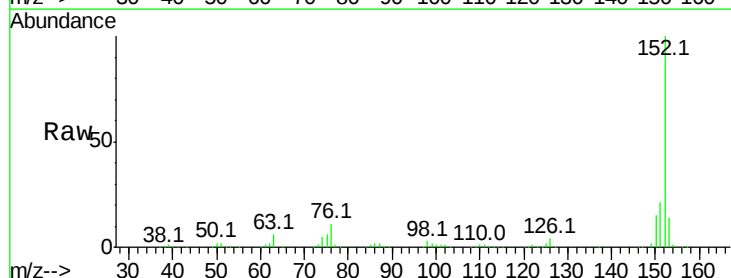
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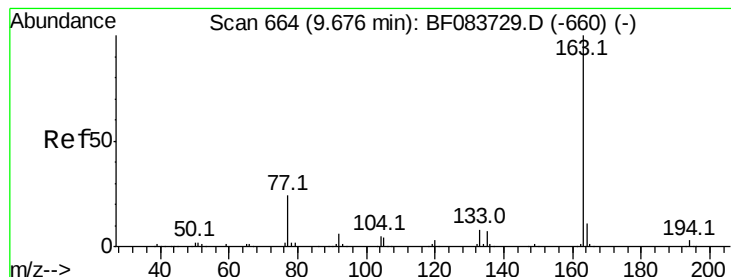
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#48
Acenaphthylene
Concen: 42.17 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.8	10.8	16.2





#49

Dimethylphthalate

Concen: 66.25 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

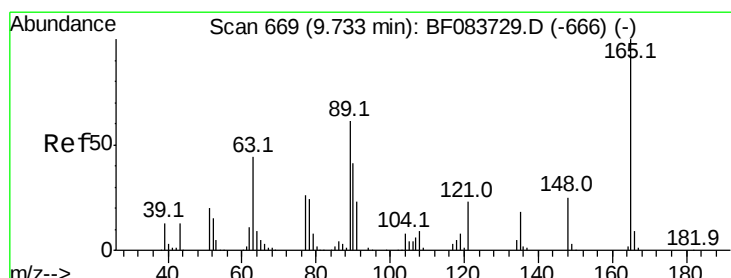
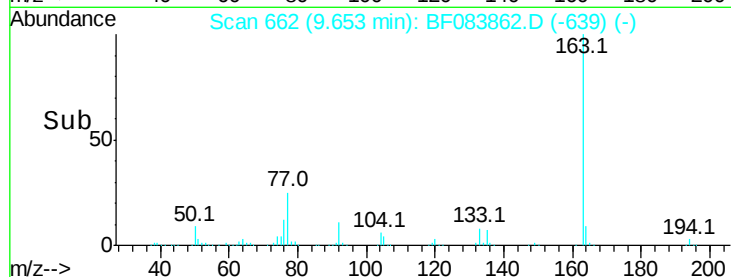
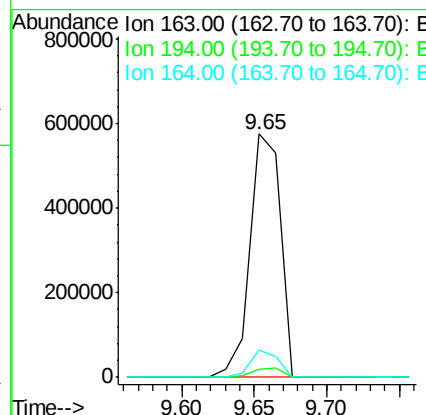
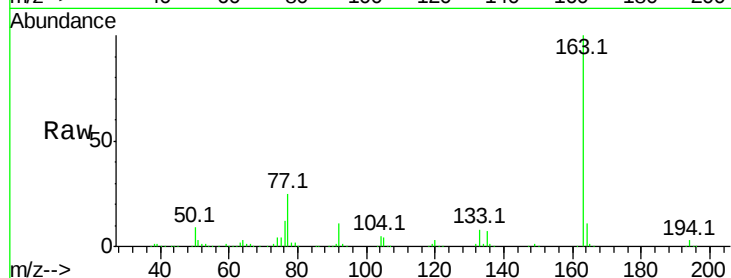
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	163	Resp:	836312
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.8	4.2
164	11.0	8.6	13.0

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#50

2,6-Dinitrotoluene

Concen: 49.92 ng

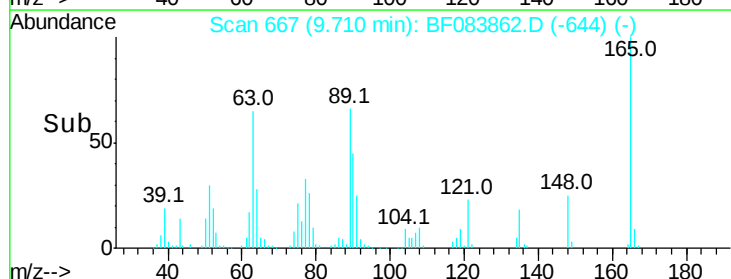
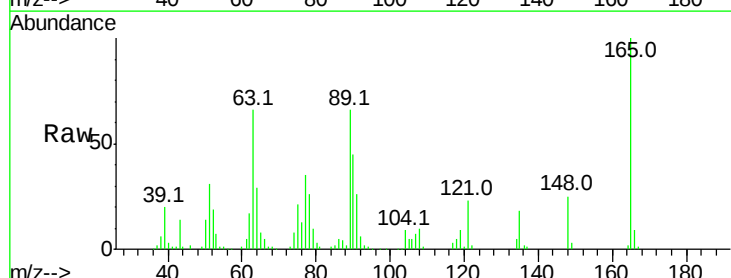
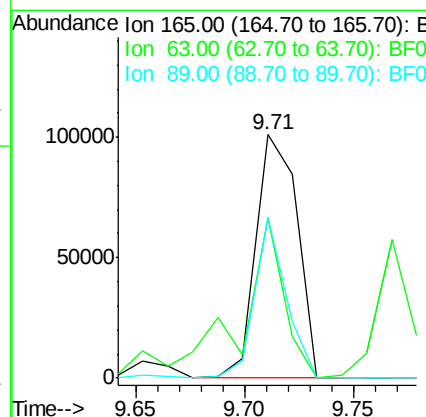
RT: 9.71 min Scan# 667

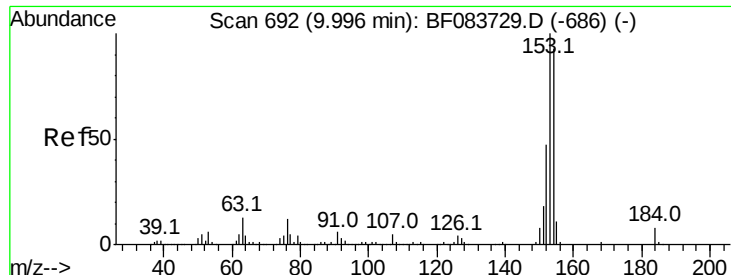
Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	165	Resp:	133742
Ion Ratio	Lower	Upper	
165	100		
63	66.0	56.9	85.3
89	66.0	52.1	78.1





#51

Acenaphthene

Concen: 44.82 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

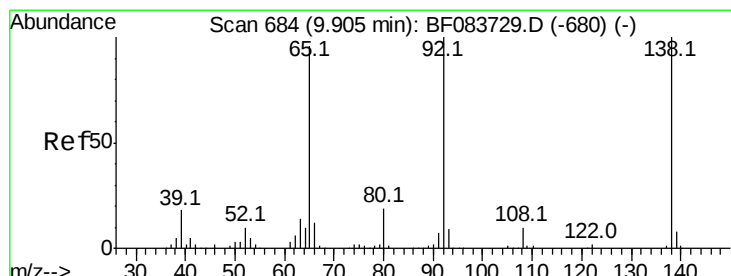
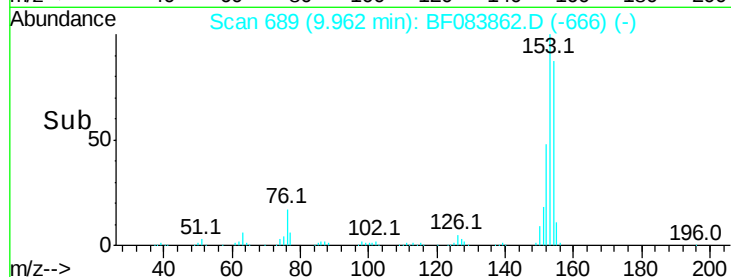
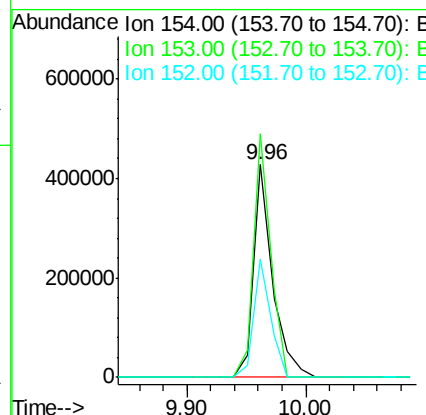
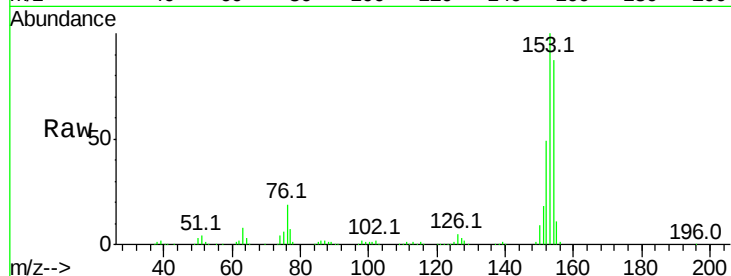
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	154	Resp:	482961
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.4	137.0
152	55.7	43.4	65.2

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#52

3-Nitroaniline

Concen: 31.40 ng

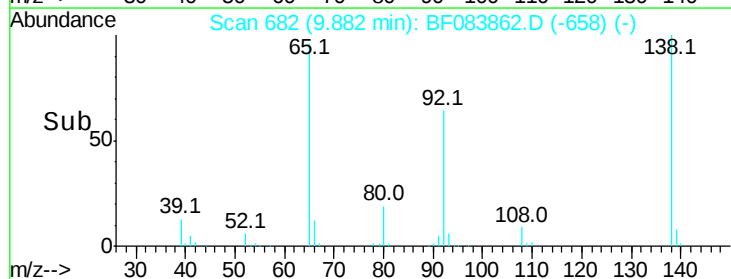
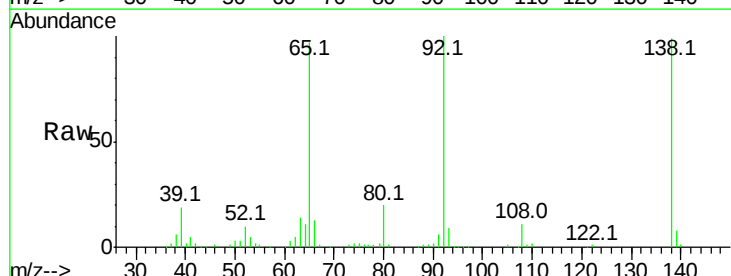
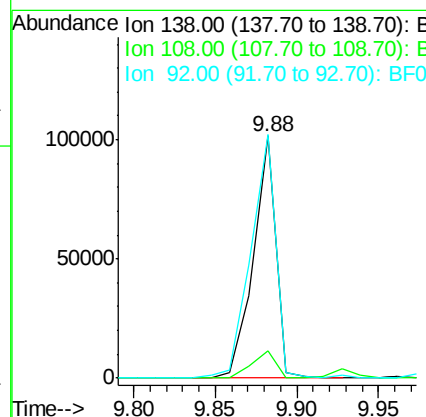
RT: 9.88 min Scan# 682

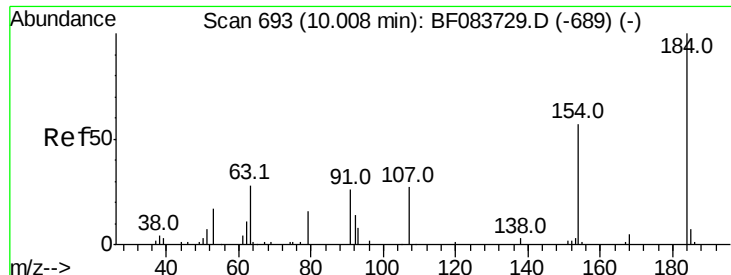
Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	138	Resp:	96997
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.9	14.9
92	100.5	113.8	170.8#





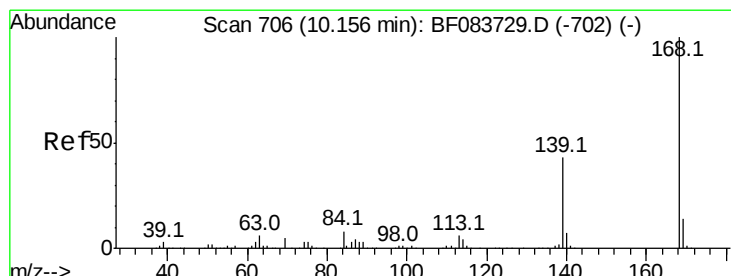
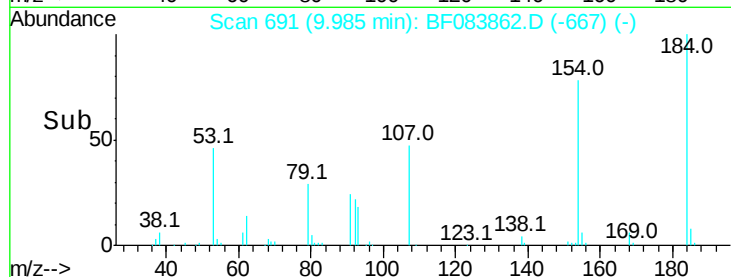
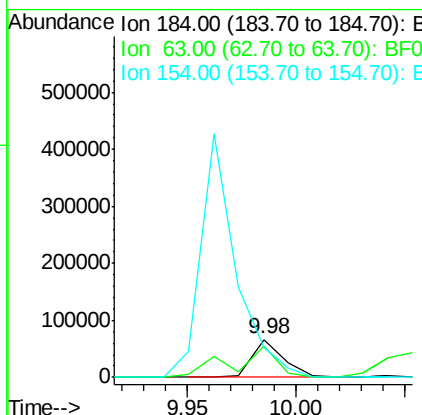
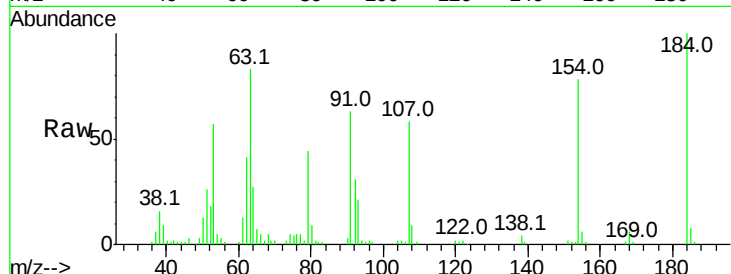
#53
 2,4-Dinitrophenol
 Concen: 55.30 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	67031		
63	82.5	62.4	93.6	
154	77.7	46.6	69.8	

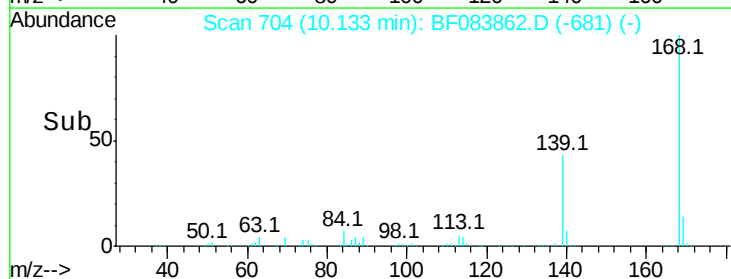
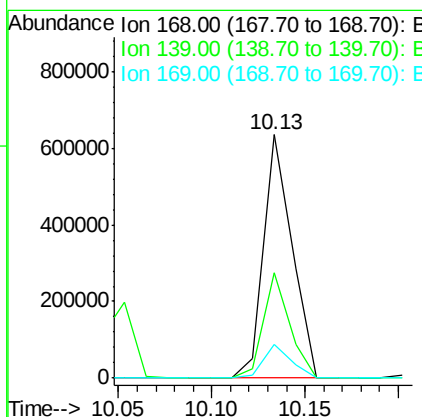
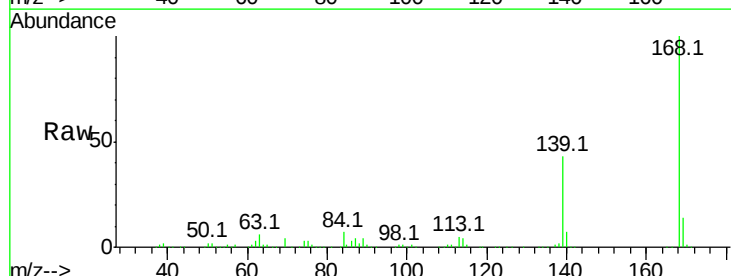
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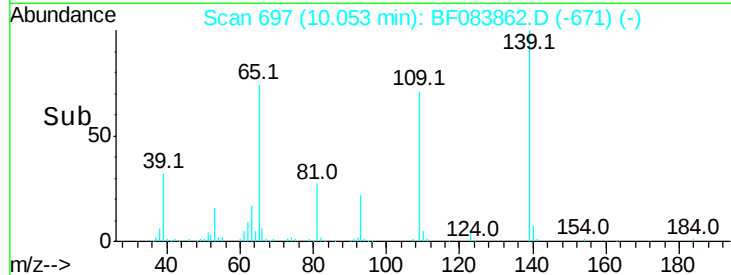
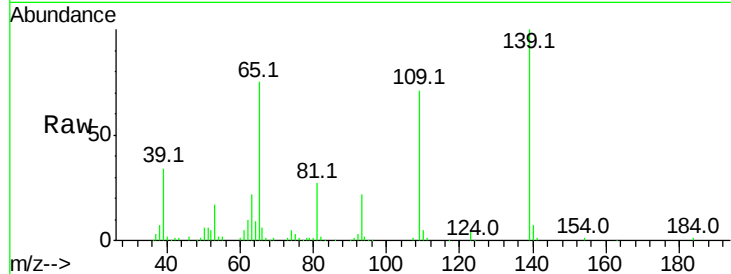
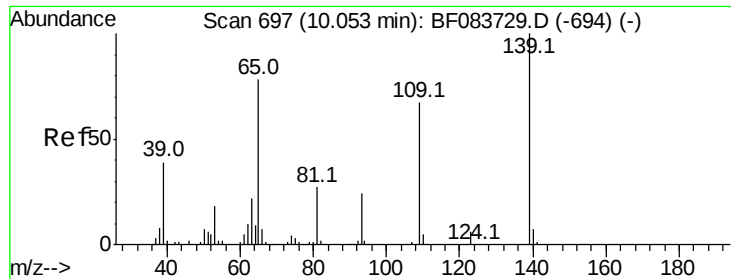
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#54
 Dibenzofuran
 Concen: 46.92 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	669890		
139	43.2	28.0	42.0	
169	14.0	10.8	16.2	





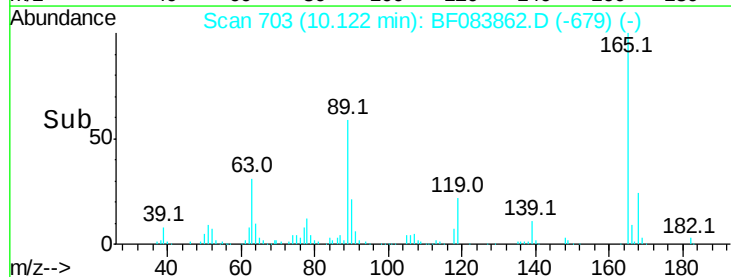
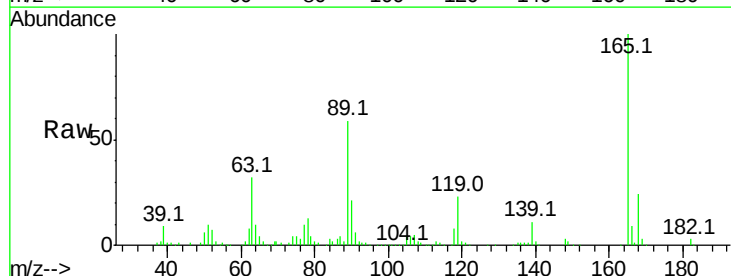
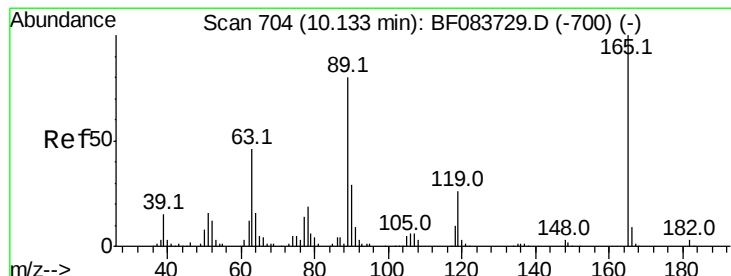
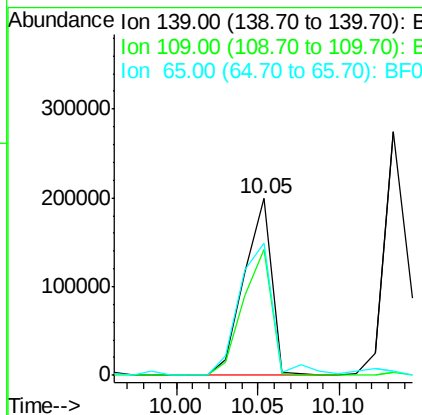
#55
4-Nitrophenol
Concen: 102.12 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tot Ion	Ratio	Resp	Lower	Upper
139	100	233588		
109	71.4	42.0	82.0	
65	74.8	89.2	129.2	

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

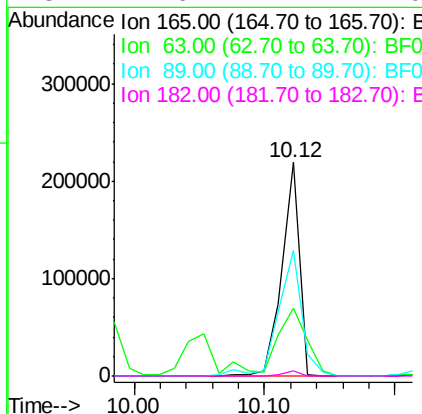
Manual Integrations
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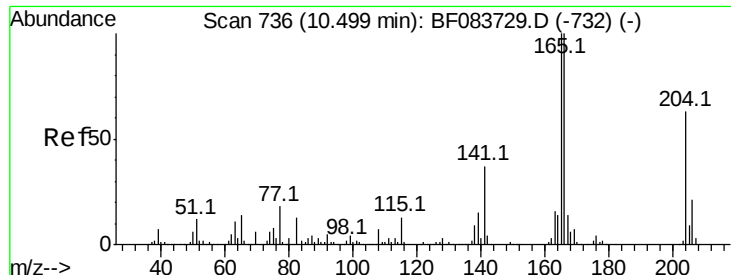
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 59.04 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206660		
63	31.7	51.4	77.2	
89	58.7	72.6	108.8	
182	2.6	1.4	2.0	





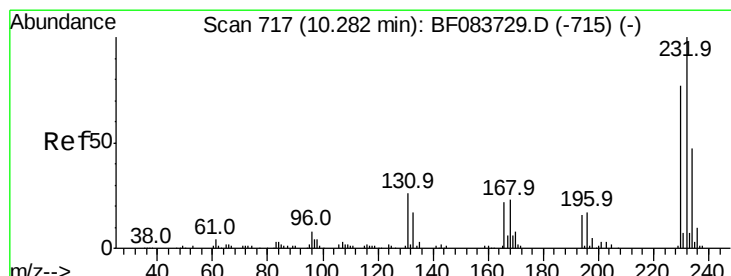
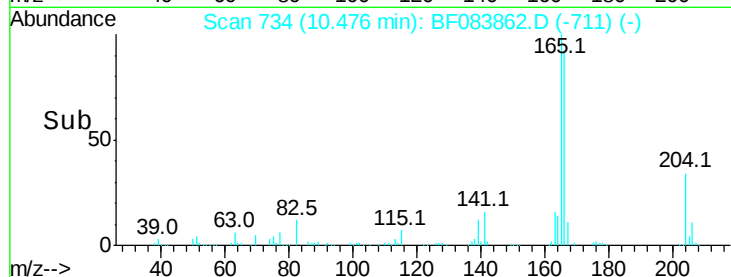
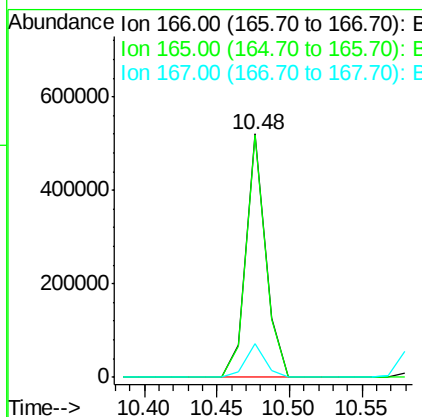
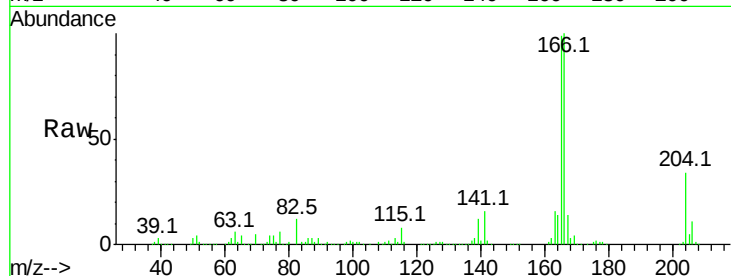
#57
Fluorene
 Concen: 43.84 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	492817		
165	99.5	80.0	120.0	
167	13.8	10.6	16.0	

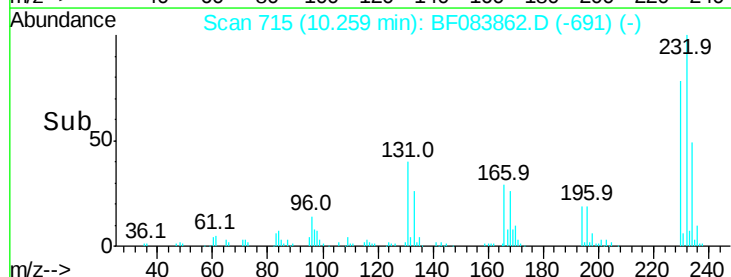
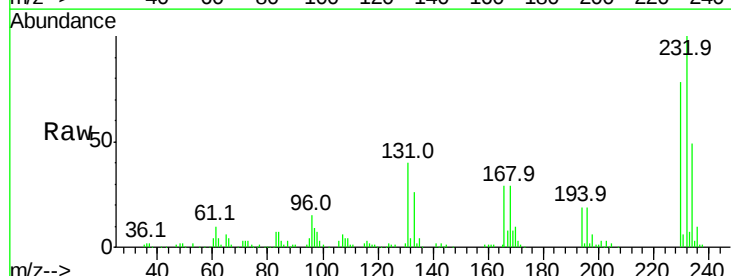
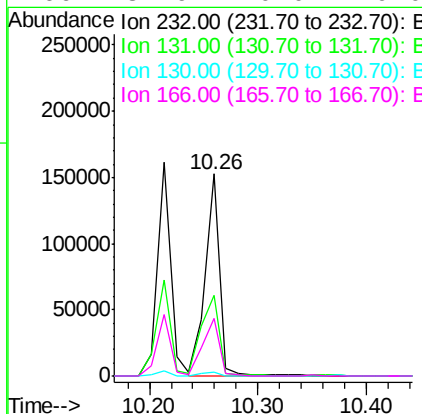
Manual Integrations
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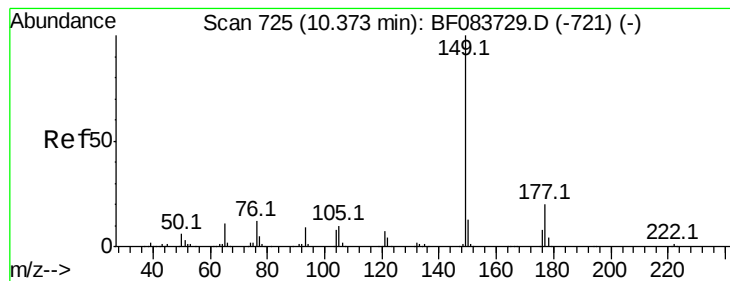
MMdadoda
 12/17/2015 5:34:16 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 56.51 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	140592		
131	50.2	0.0	0.0#	
130	2.6	0.0	0.0#	
166	32.9	0.0	0.0#	





#59

Diethylphthalate

Concen: 46.33 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

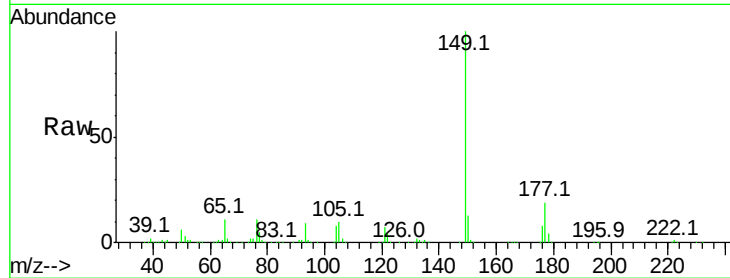
ClientSampleId :

COMPOSITE-C-20150874MS

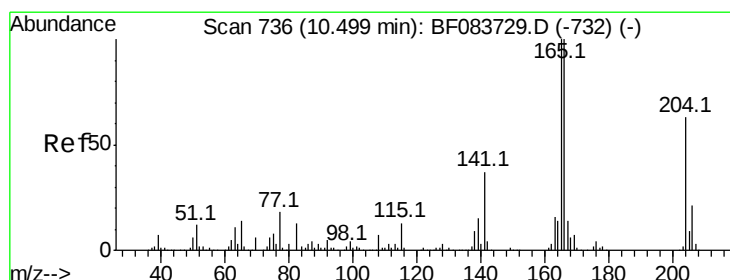
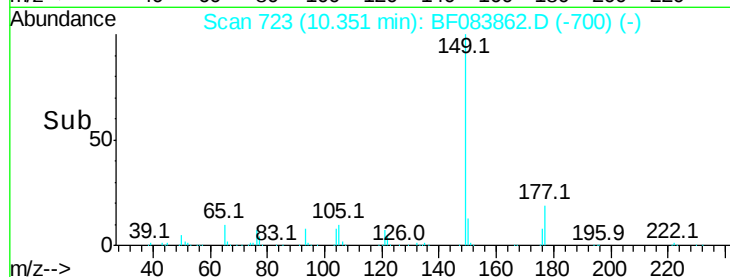
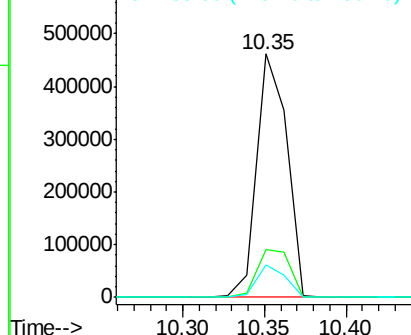
Tot Ion:	149	Resp:	592181
Ion Ratio	Lower	Upper	
149	100		
177	19.4	16.9	25.3
150	13.2	10.2	15.4

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



#60

4-Chlorophenyl-phenylether

Concen: 46.10 ng

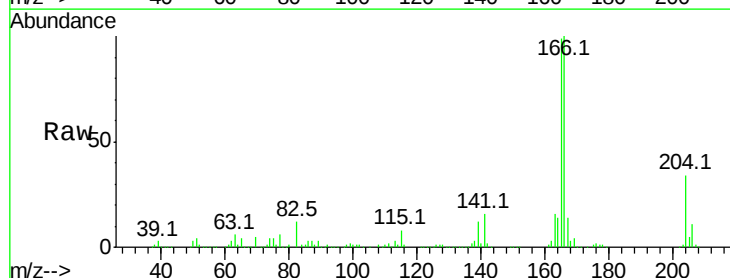
RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

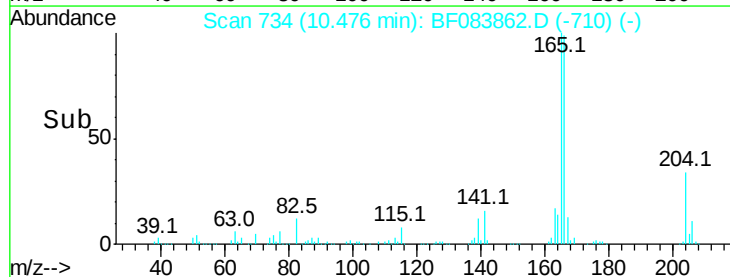
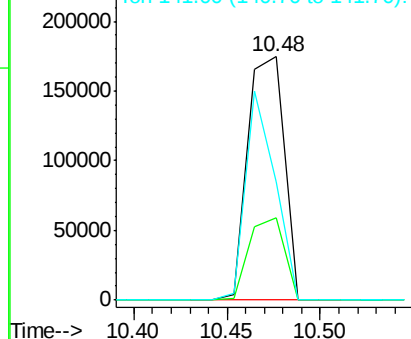
Lab File: BF083862.D

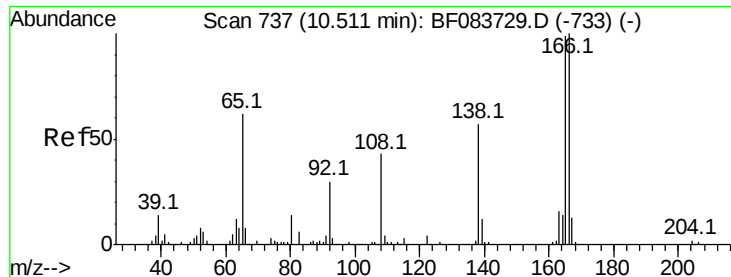
Acq: 16 Dec 2015 21:44

Tgt Ion:	204	Resp:	236344
Ion Ratio	Lower	Upper	
204	100		
206	33.7	27.3	40.9
141	48.4	51.9	77.9#



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





#61

4-Nitroaniline

Concen: 56.71 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083862.D

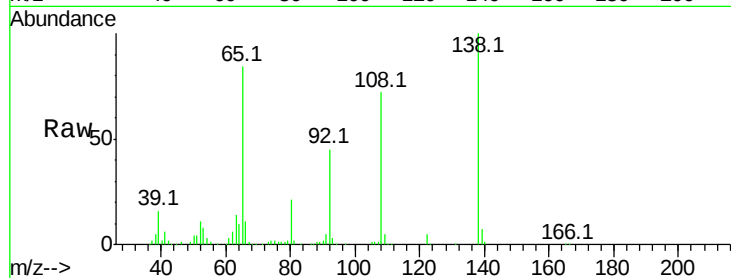
Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

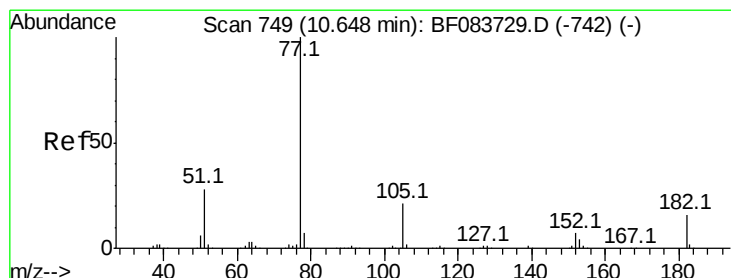
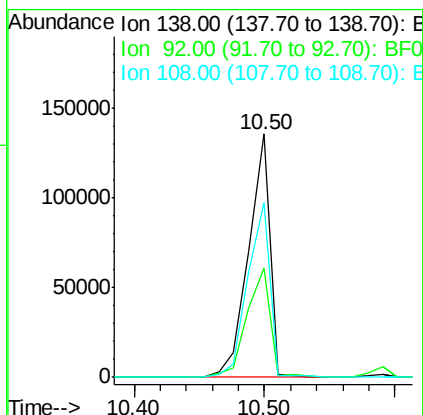
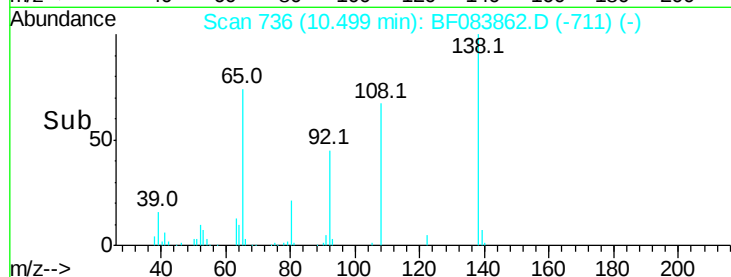
COMPOSITE-C-20150874MS



Tot Ion:	138	Resp:	154406
Ion Ratio	Lower	Upper	
138	100		
92	44.8	29.0	69.0
108	71.6	47.4	87.4

Manual Integrations
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#62

Azobenzene

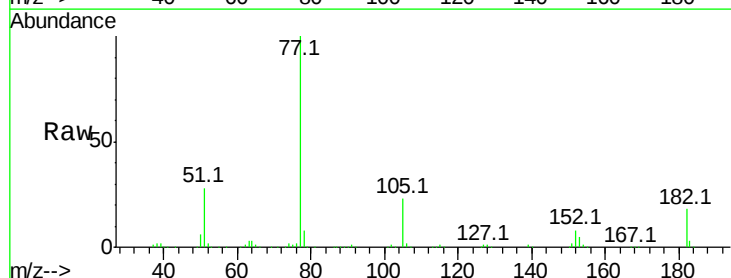
Concen: 48.93 ng

RT: 10.62 min Scan# 747

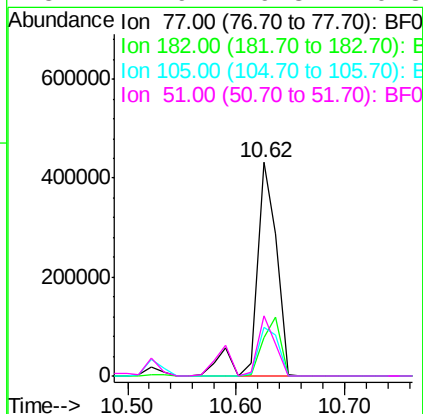
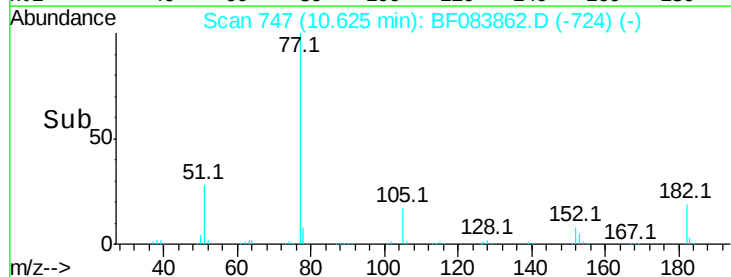
Delta R.T. -0.03 min

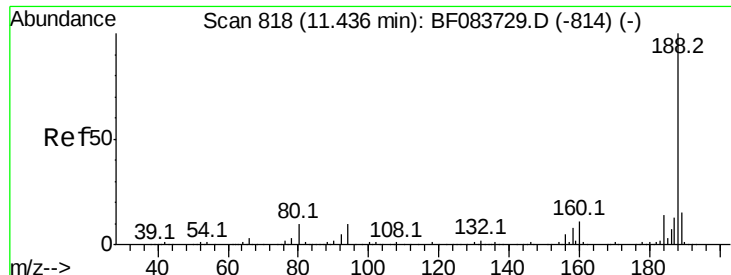
Lab File: BF083862.D

Acq: 16 Dec 2015 21:44



Tgt Ion:	77	Resp:	570021
Ion Ratio	Lower	Upper	
77	100		
182	18.2	2.5	42.5
105	22.5	2.1	42.1
51	27.9	9.3	49.3





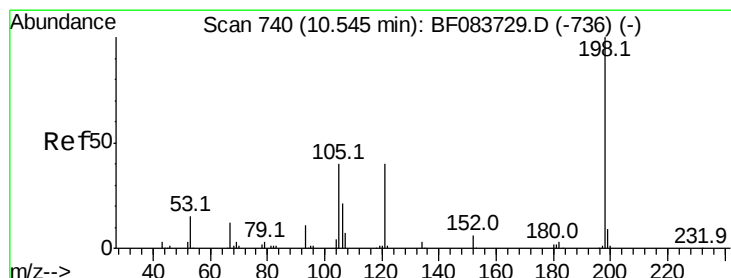
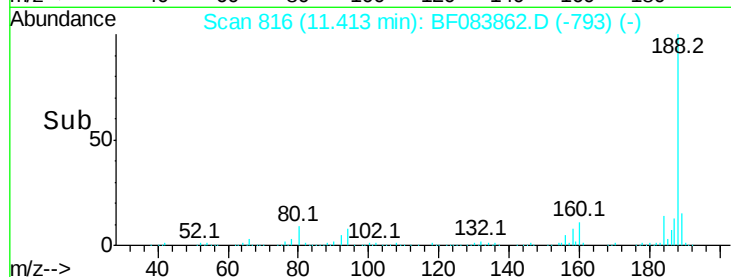
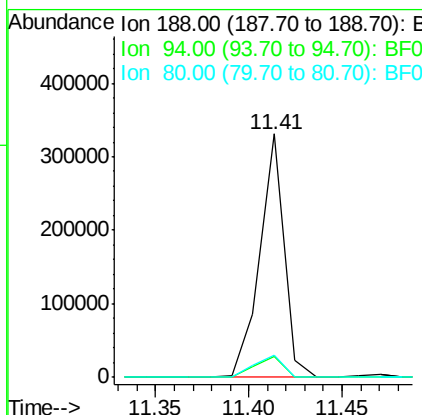
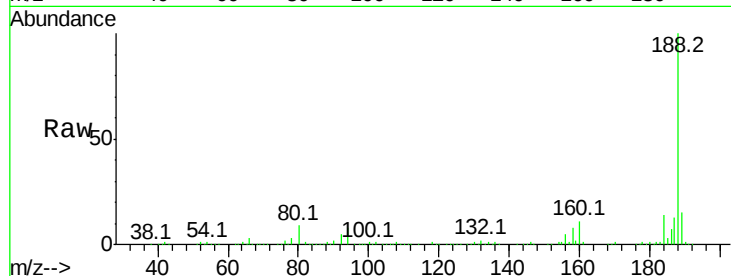
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	9.4	14.2#
80	9.2	10.6	16.0#

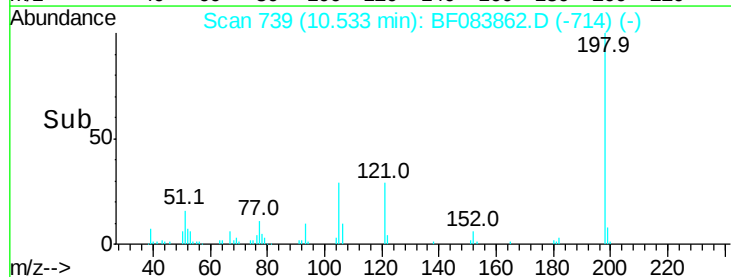
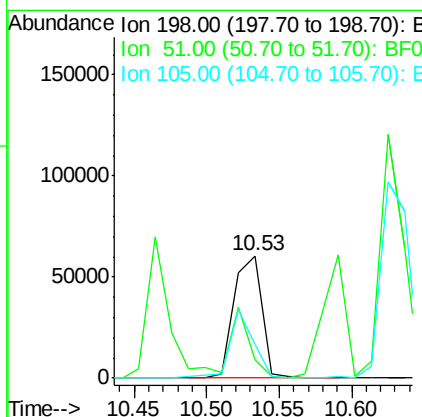
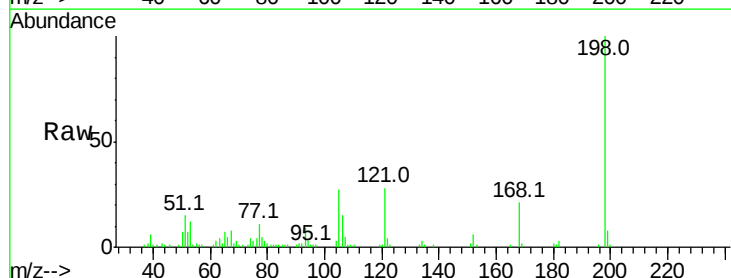
Manual Integrations
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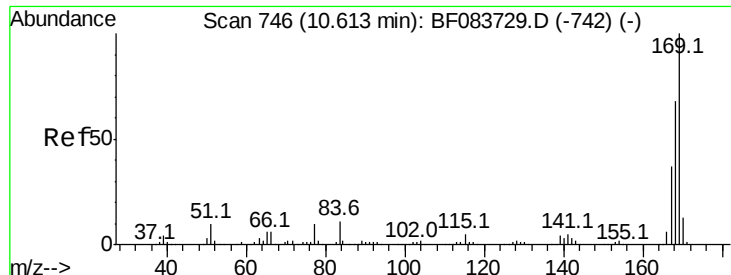
MMdadoda
12/17/2015 5:34:16 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.48 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	14.8	53.8	93.8#
105	27.4	38.6	78.6#





#65

n-Nitrosodiphenylamine

Concen: 47.95 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

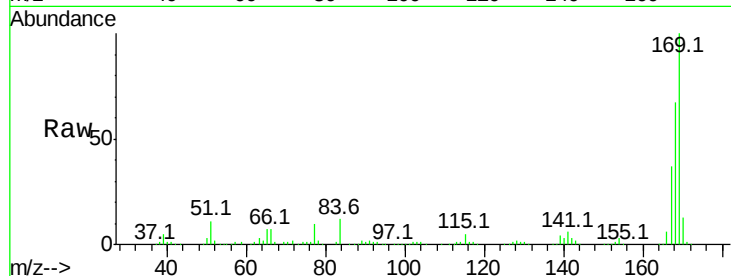
ClientSampleId :

COMPOSITE-C-20150874MS

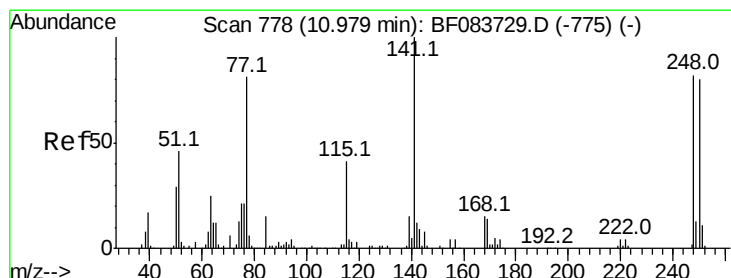
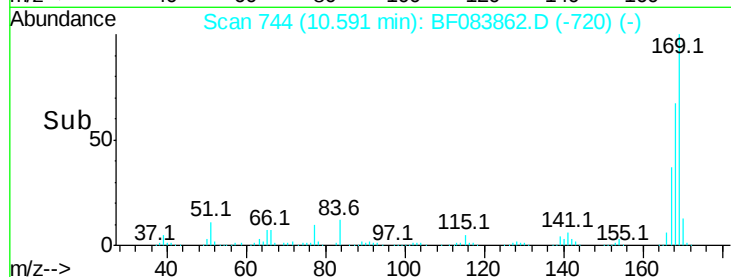
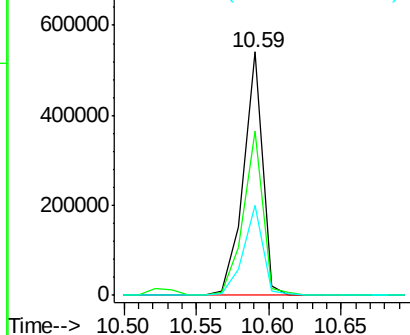
Tot Ion:	169	Resp:	497813
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.0	79.6
167	37.2	29.3	43.9

Manual Integrations
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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: 44.07 ng

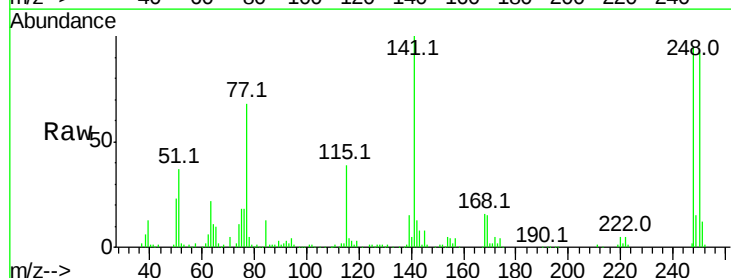
RT: 10.96 min Scan# 776

Delta R.T. -0.03 min

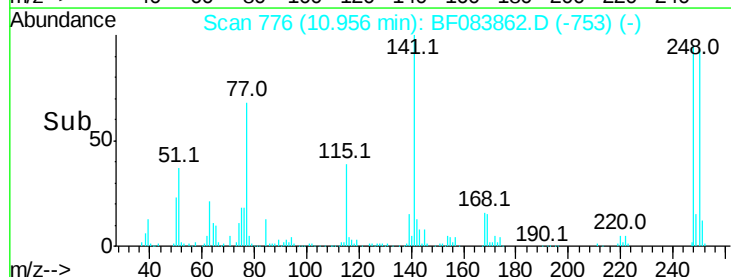
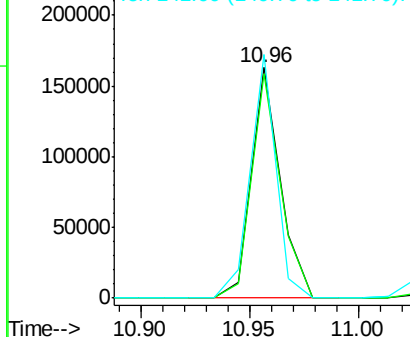
Lab File: BF083862.D

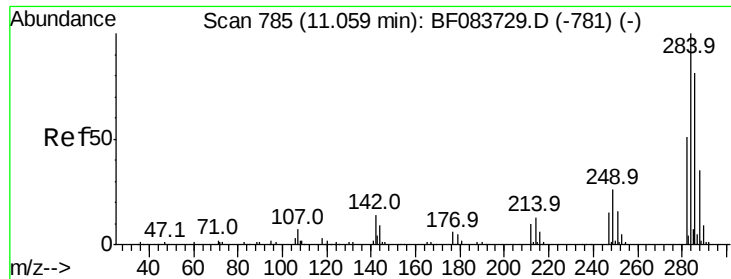
Acq: 16 Dec 2015 21:44

Tgt Ion:	248	Resp:	149582
Ion Ratio	Lower	Upper	
248	100		
250	97.6	79.2	118.8
141	105.6	58.2	87.4#



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





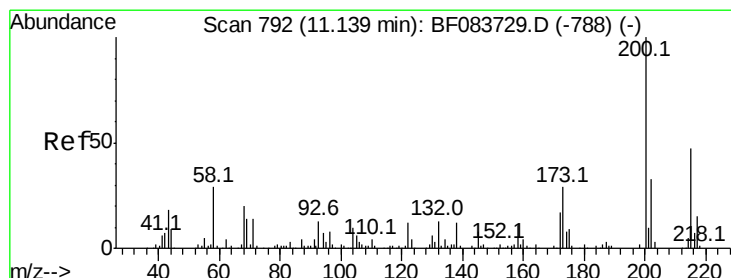
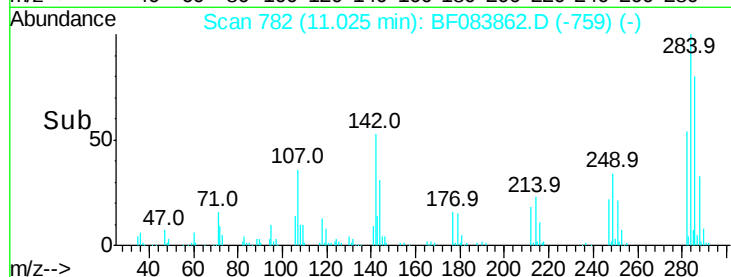
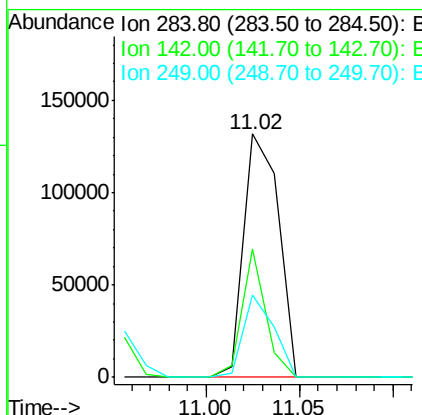
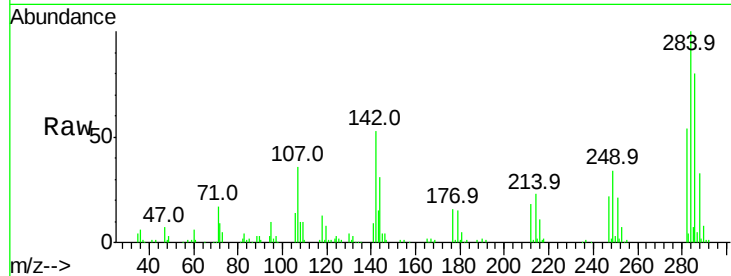
#67
Hexachlorobenzene
Concen: 46.37 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	52.7	31.0	46.4	#
249	34.1	26.9	40.3	

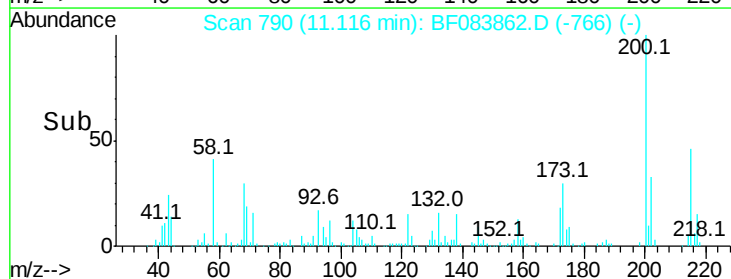
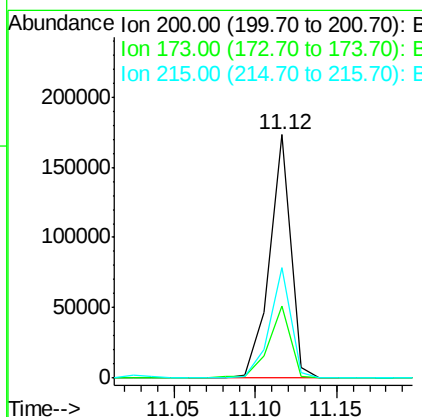
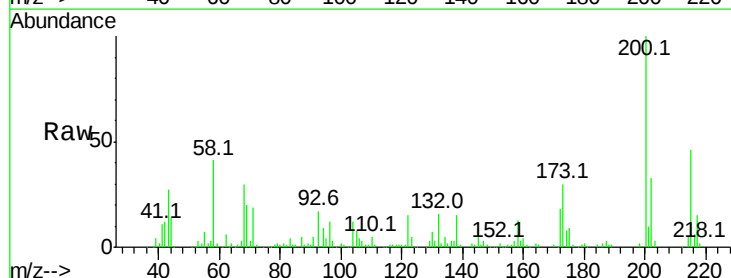
Manual Integrations
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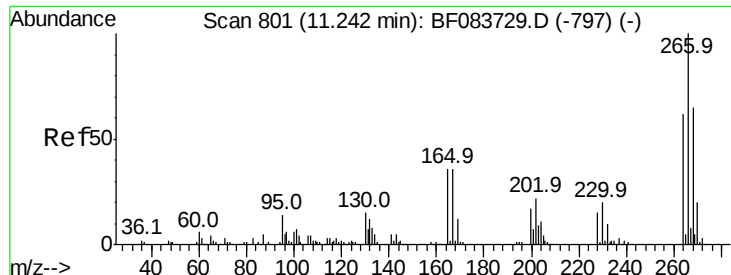
MMdadoda
12/17/2015 5:34:16 PM



#68
Atrazine
Concen: 53.29 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.6	7.8	47.8	
215	45.6	25.7	65.7	





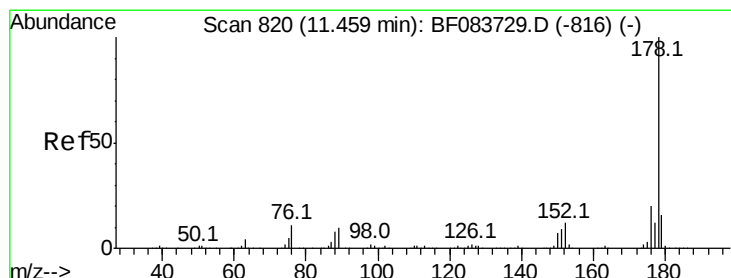
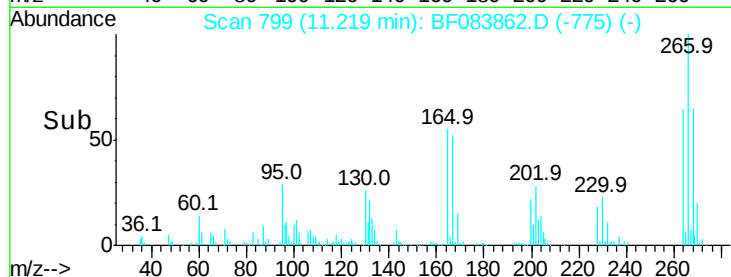
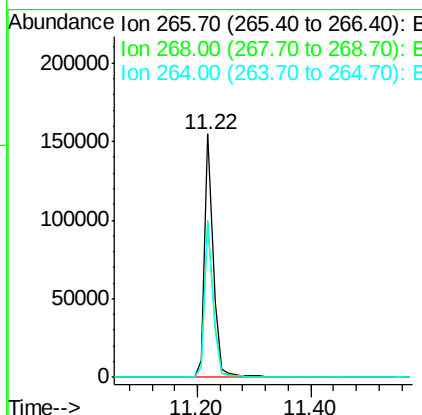
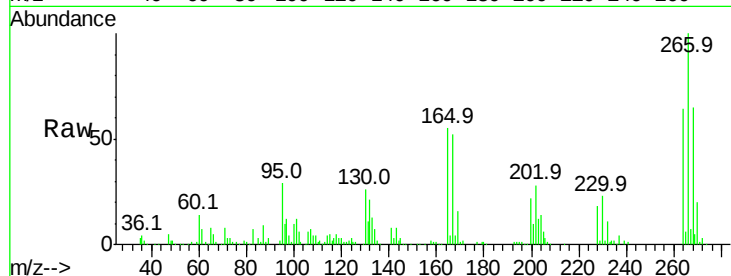
#69
 Pentachlorophenol
 Concen: 75.94 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157323		
268	64.6	50.2	75.2	
264	64.0	51.4	77.2	

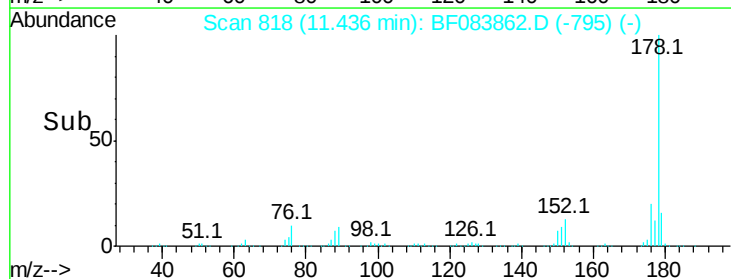
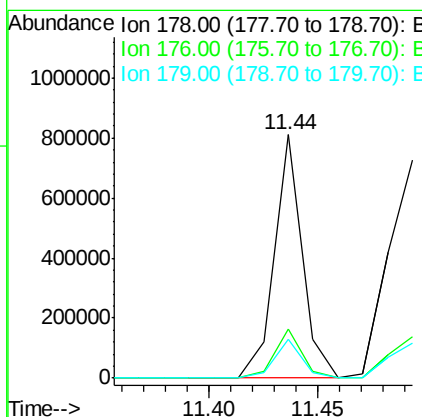
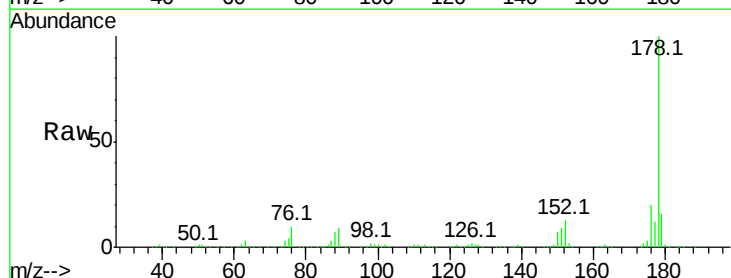
Manual Integrations
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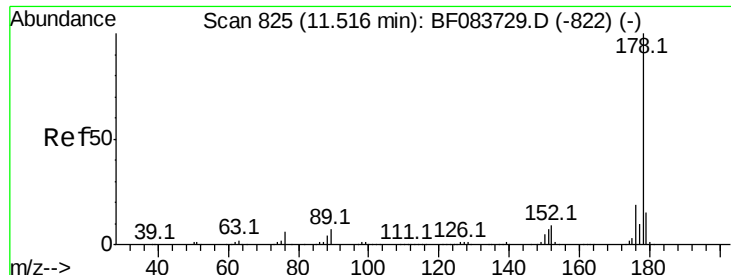
MMdadoda
 12/17/2015 5:34:16 PM



#70
 Phenanthrene
 Concen: 45.36 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	731511		
176	20.1	15.7	23.5	
179	16.1	12.2	18.4	





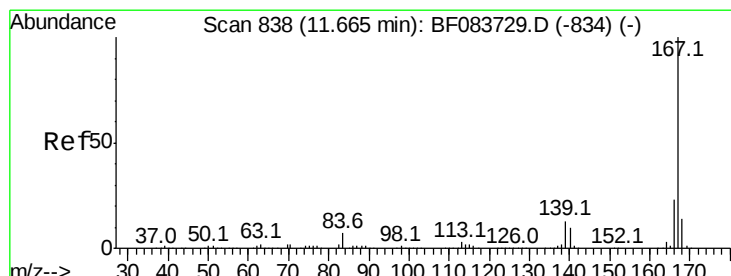
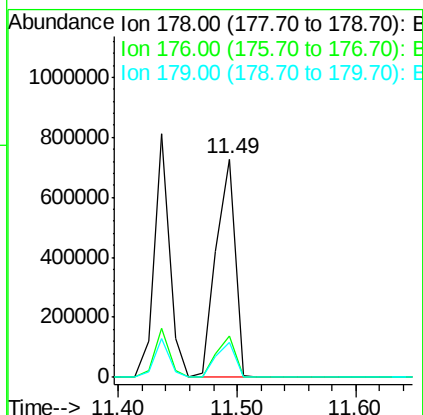
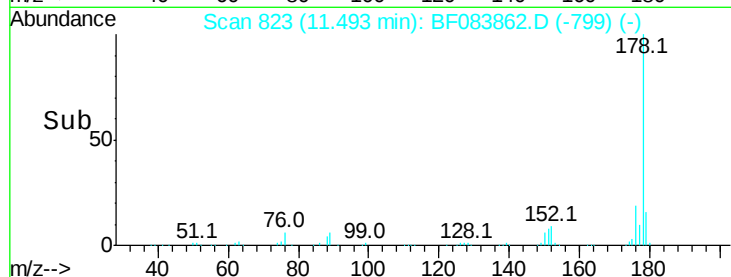
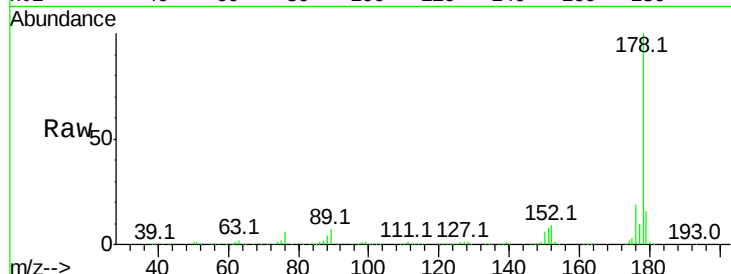
#71
 Anthracene
 Concen: 48.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.8	12.6	18.8

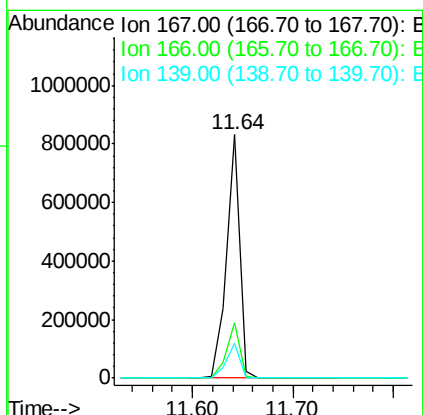
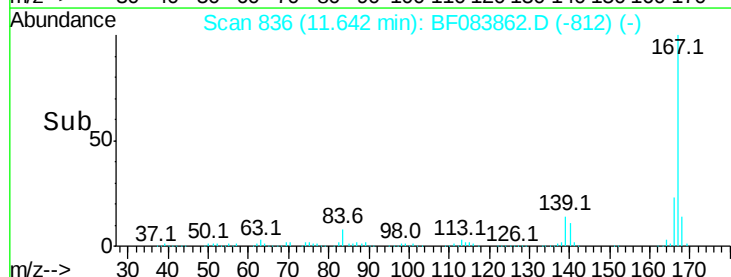
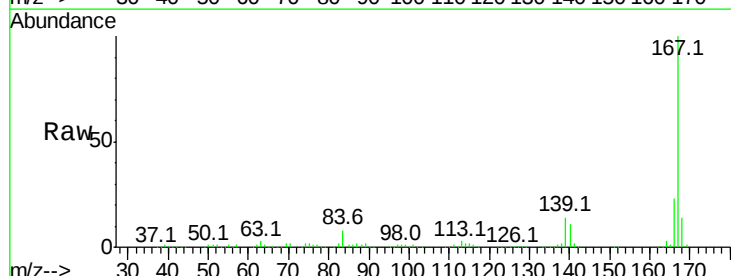
Manual Integrations
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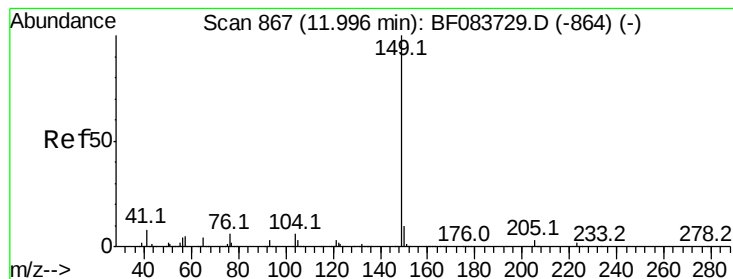
MMdadoda
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#72
 Carbazole
 Concen: 48.58 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.2	25.8
139	14.2	9.3	13.9





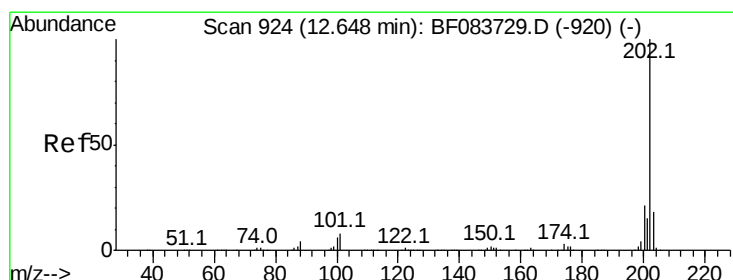
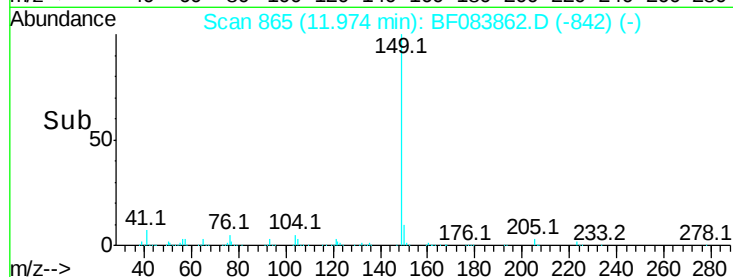
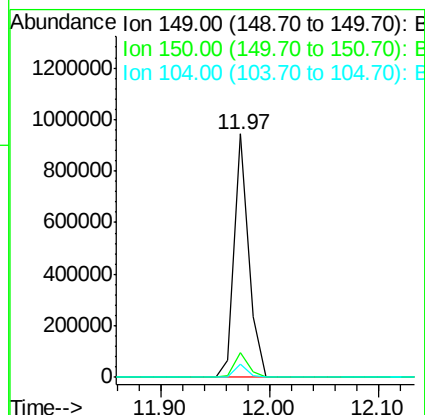
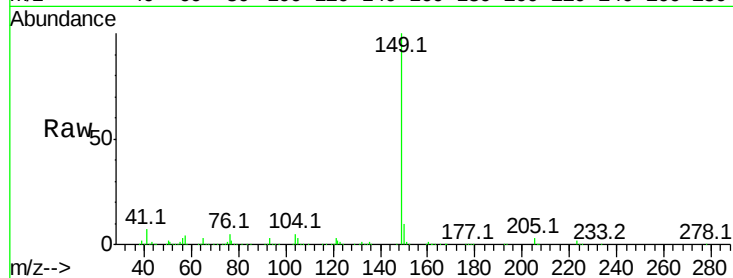
#73
Di-n-butylphthalate
Concen: 45.22 ng
RT: 11.97 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.8	11.6	
104	5.4	3.9	5.9	

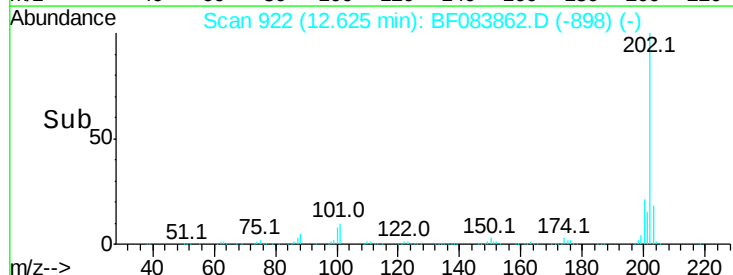
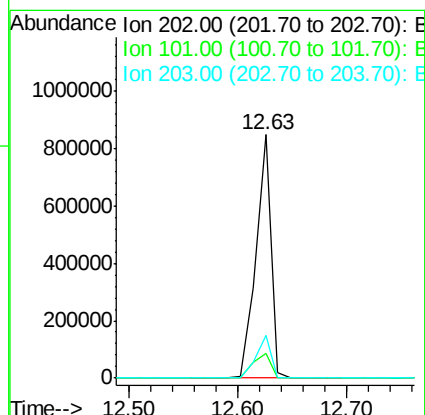
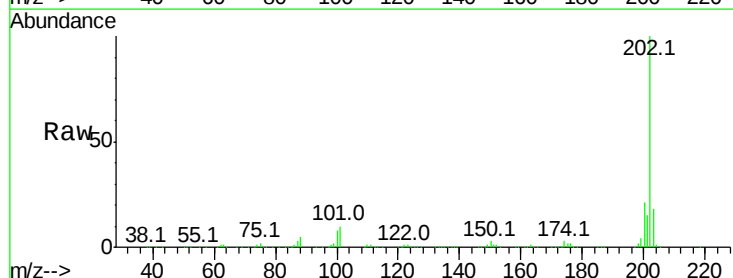
Manual Integrations
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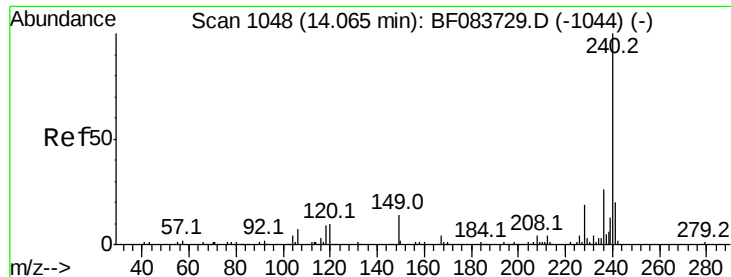
MMdadoda
12/17/2015 5:34:16 PM



#74
Fluoranthene
Concen: 49.17 ng
RT: 12.63 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.2	0.0	31.5	
203	17.6	0.0	37.6	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

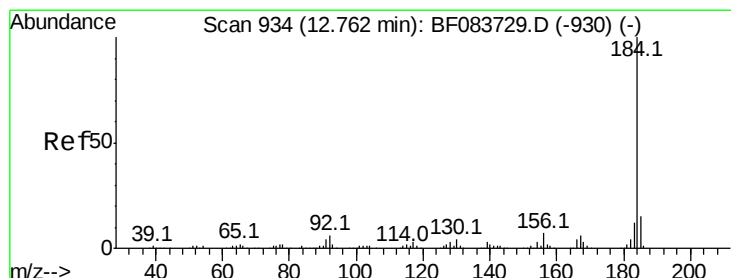
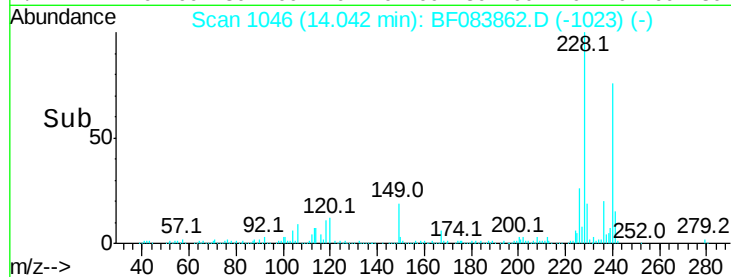
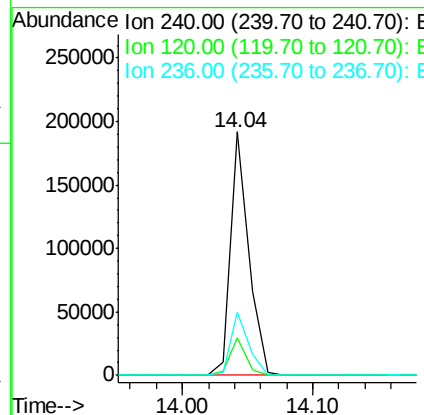
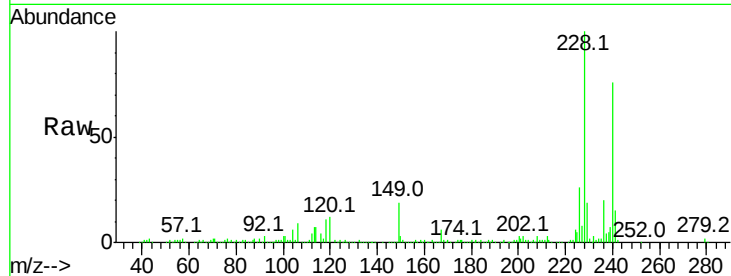
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	186366		
120	15.4	8.1	12.1#	
236	25.7	20.8	31.2	

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#76

Benzidine

Concen: 51.73 ng

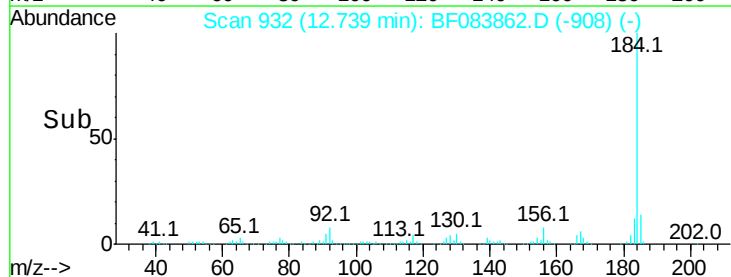
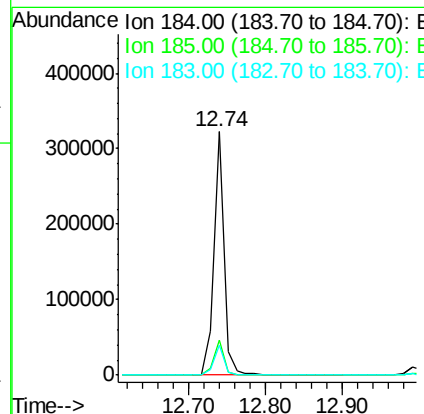
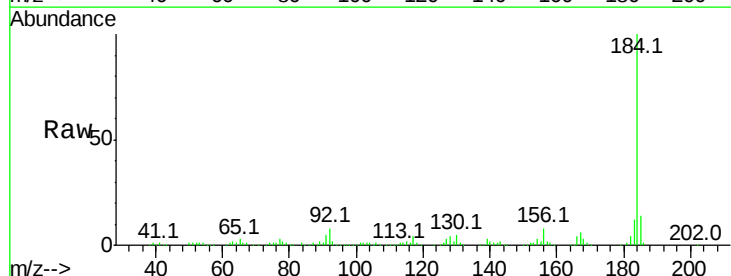
RT: 12.74 min Scan# 932

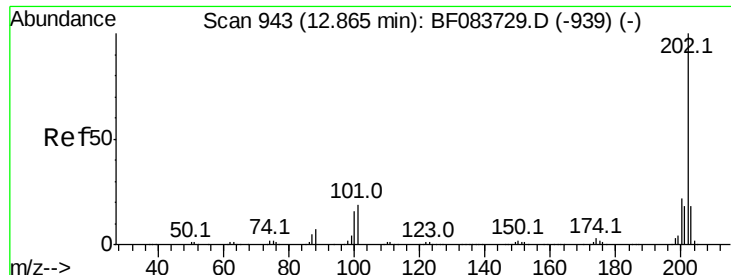
Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	293751		
185	14.3	13.0	19.6	
183	12.1	9.0	13.4	





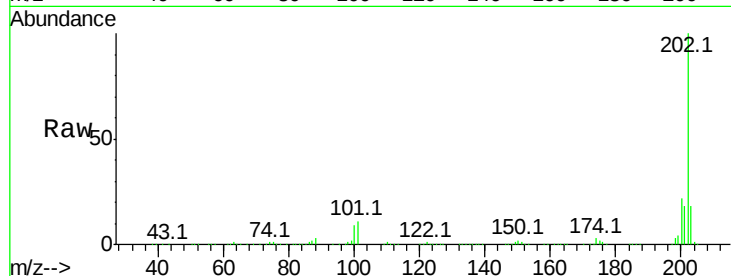
#77
Pvrene
Concen: 55.21 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	813161		
200	21.7		16.7	25.1
203	17.5		14.3	21.5

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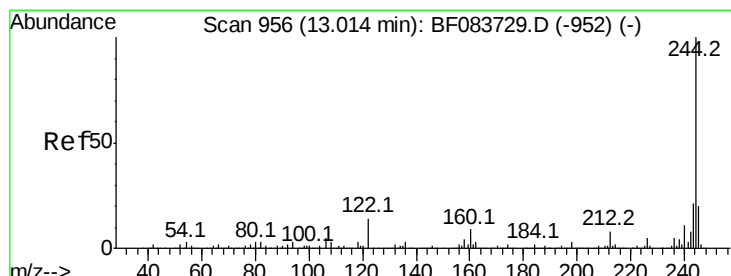
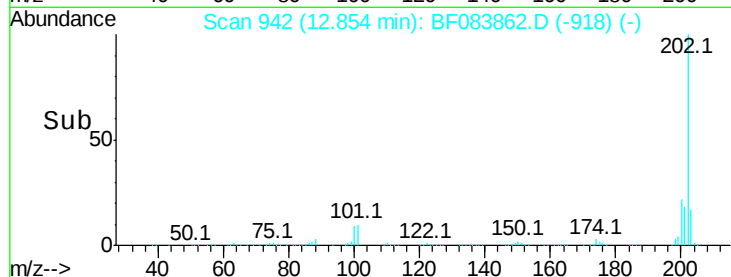
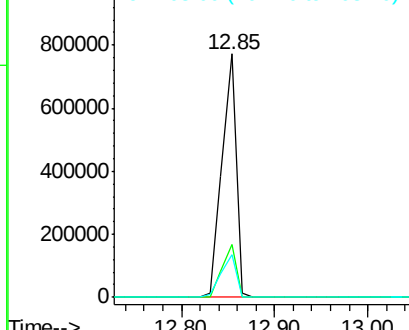


Abundance

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: 109.18 ng
RT: 12.99 min Scan# 954
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

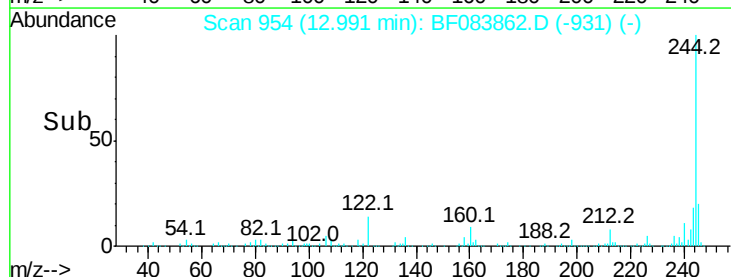
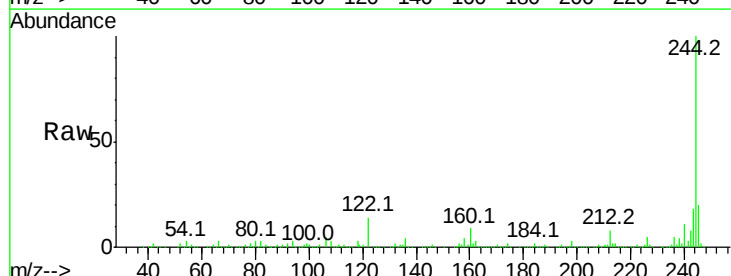
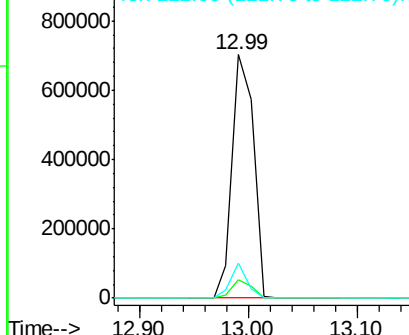
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	945915		
212	7.6		6.1	9.1
122	14.4		11.0	16.6

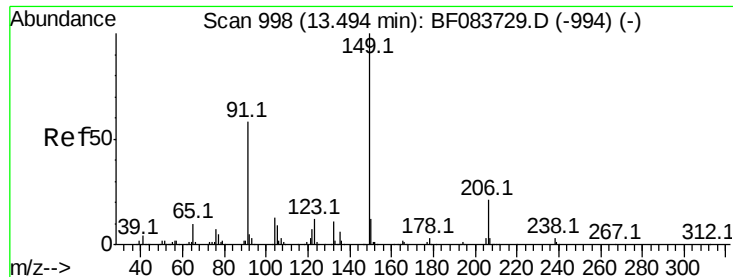
Abundance

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





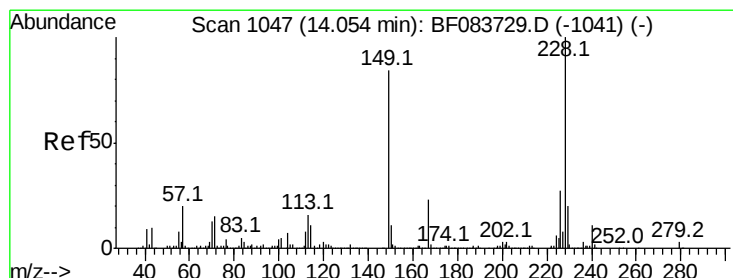
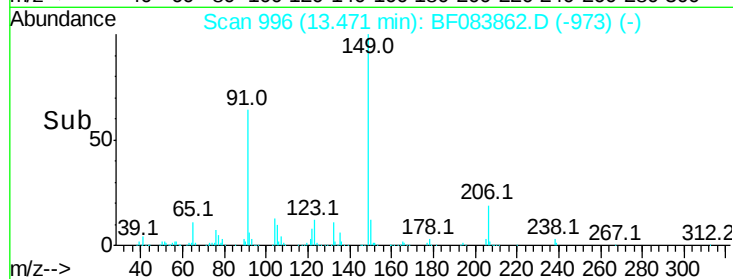
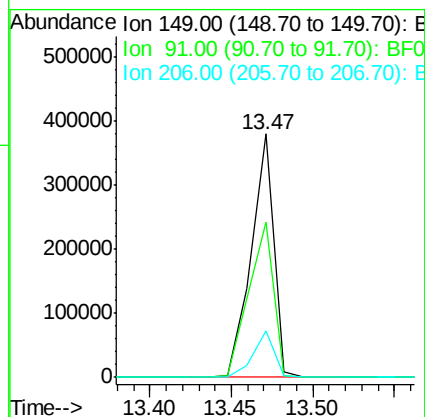
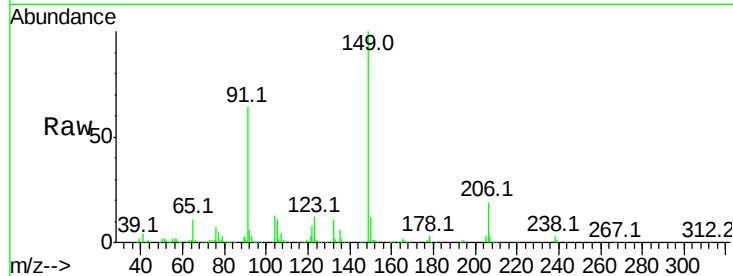
#79
Butylbenzylphthalate
Concen: 57.55 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	63.7	60.0	90.0	
206	19.2	16.2	24.4	

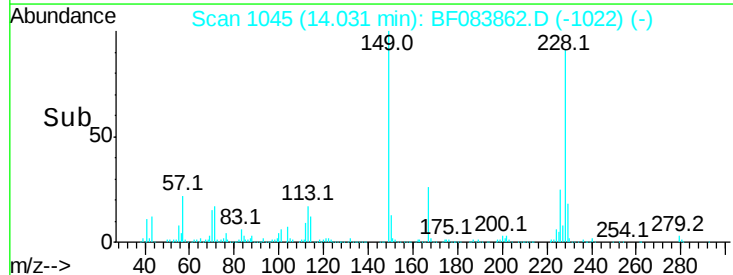
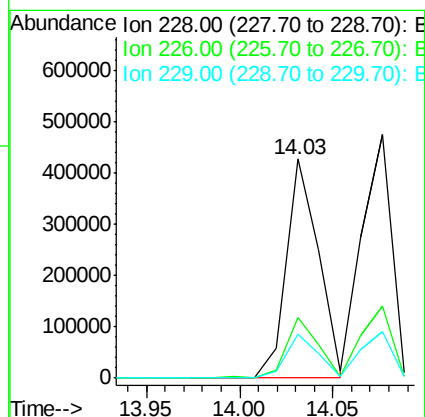
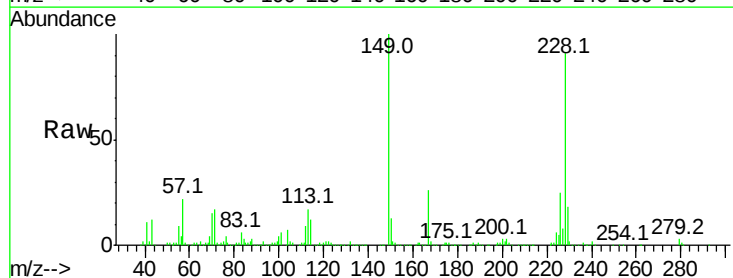
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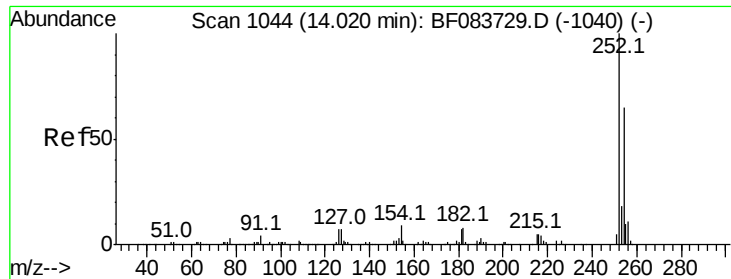
MMdadoda
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#80
Benzo(a)anthracene
Concen: 48.64 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.7	22.3	33.5	
229	20.1	15.7	23.5	





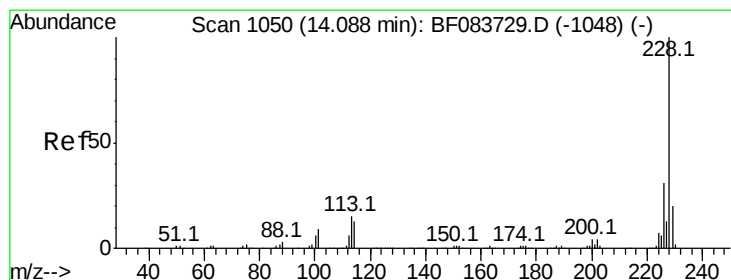
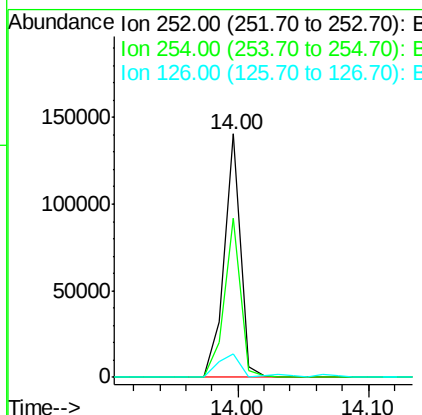
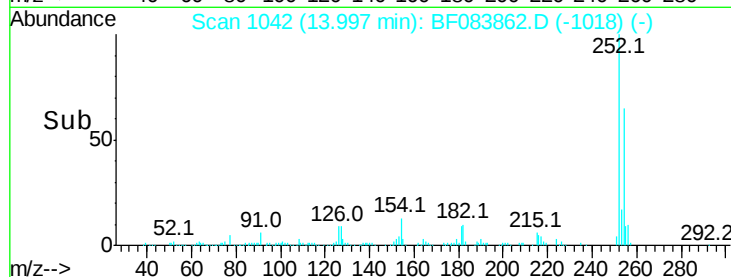
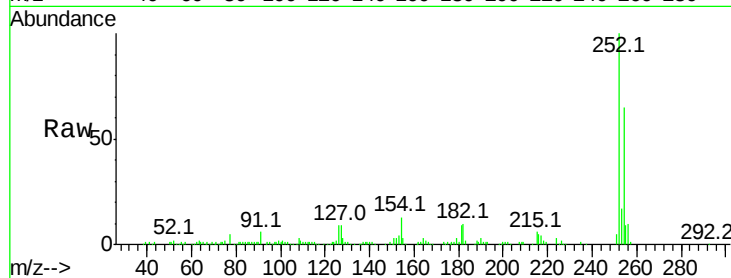
#81
 3,3'-Dichlorobenzidine
 Concen: 32.56 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.6	76.0
126	9.4	11.0	16.4

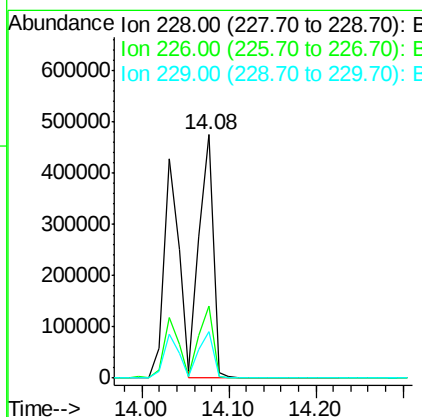
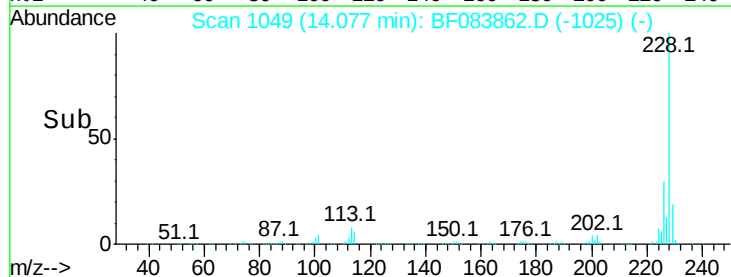
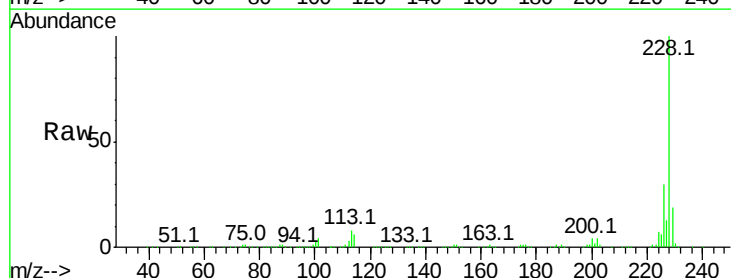
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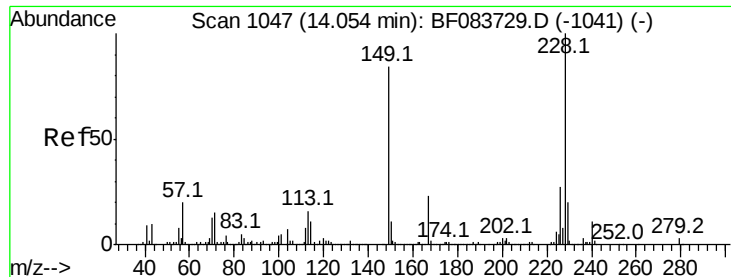
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#82
 Chrysene
 Concen: 51.33 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.27 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

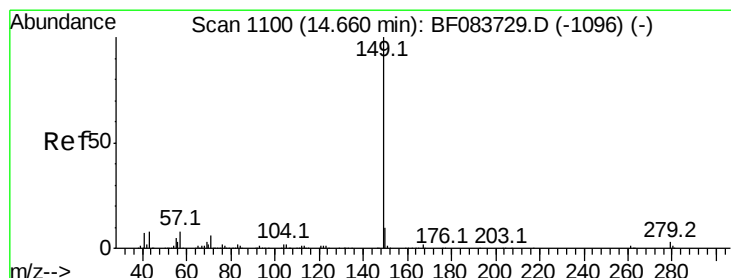
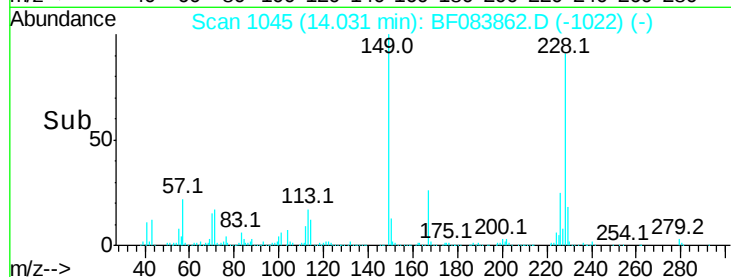
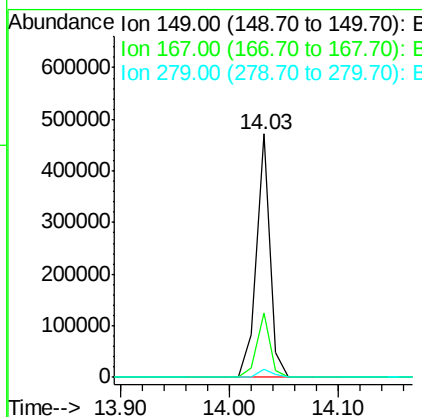
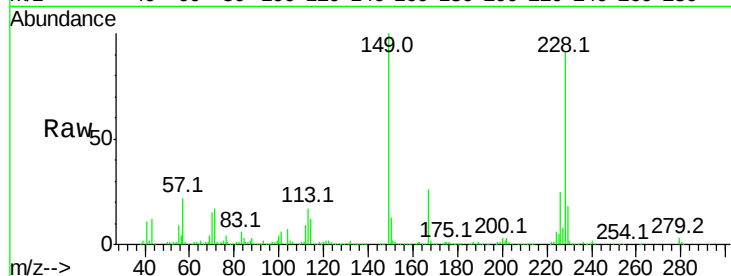
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	149	Resp:	419242
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.8	32.8
279	3.3	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 57.14 ng

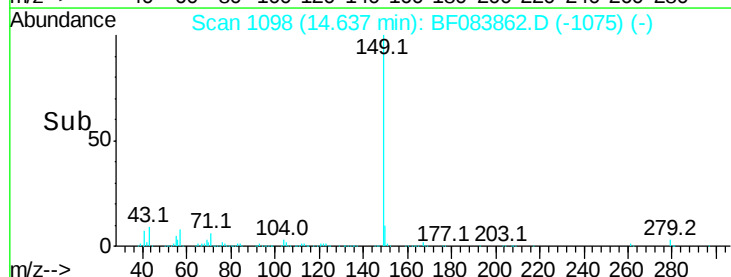
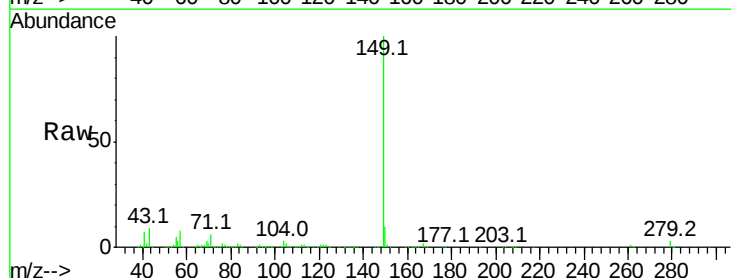
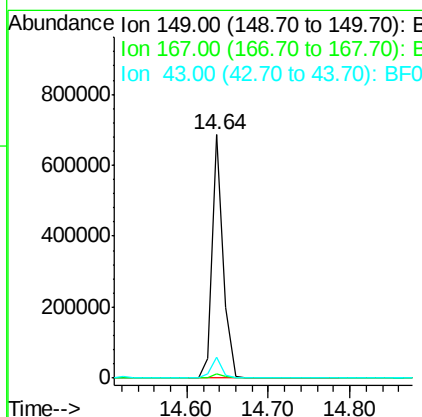
RT: 14.64 min Scan# 1098

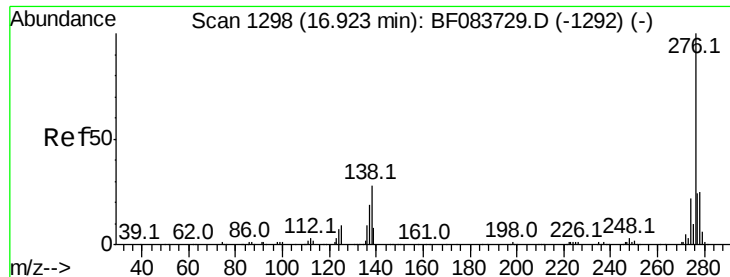
Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	149	Resp:	653272
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	8.2	0.0	0.0#





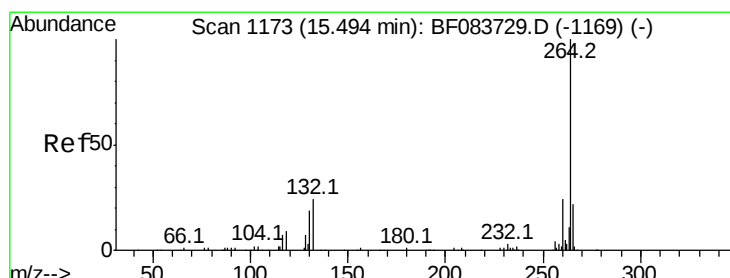
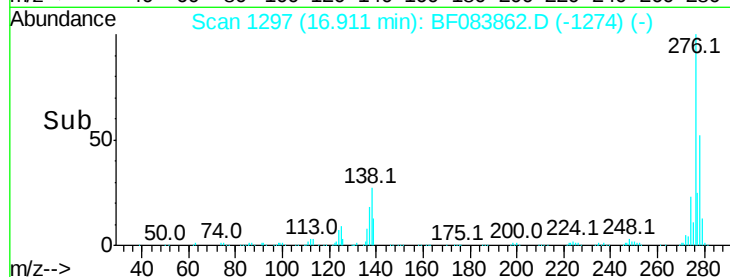
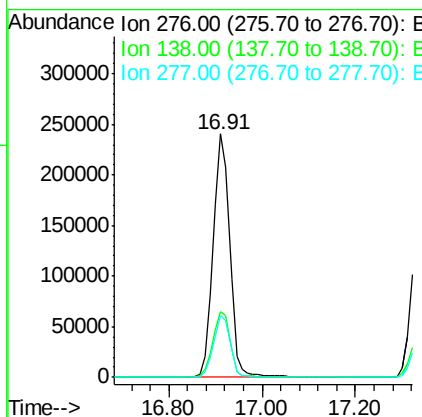
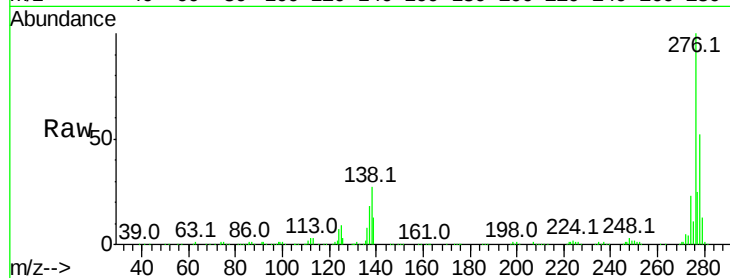
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.03 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.4	0.0	0.0#
277	25.4	0.0	0.0#

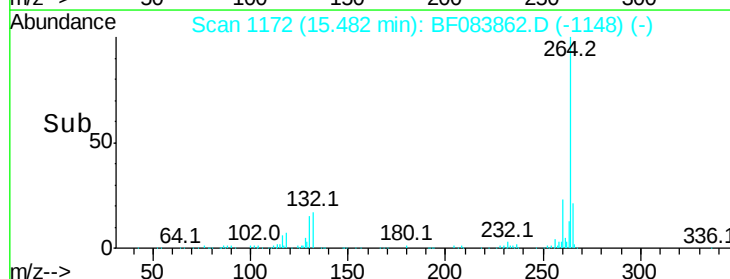
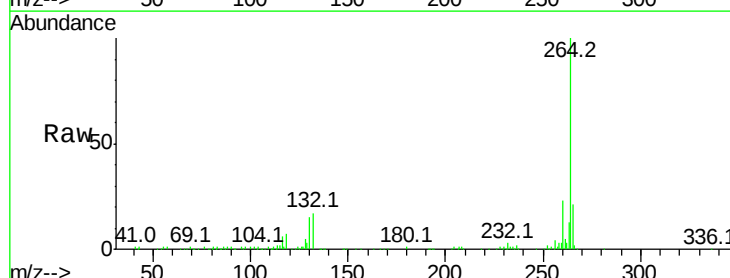
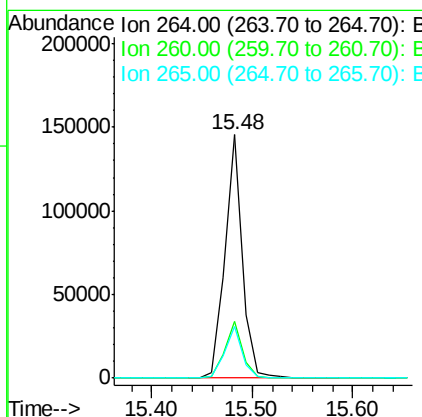
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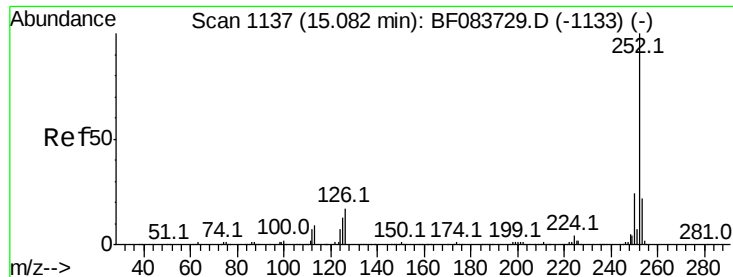
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.2	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 46.65 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Instrument :

BNA_F

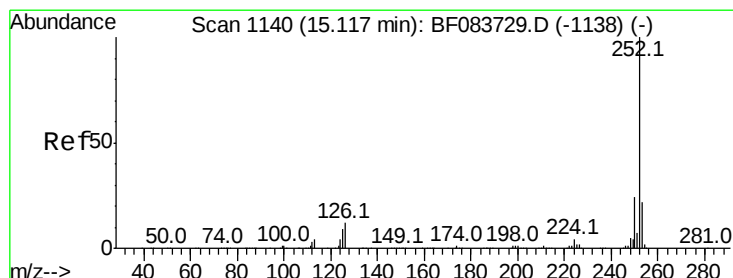
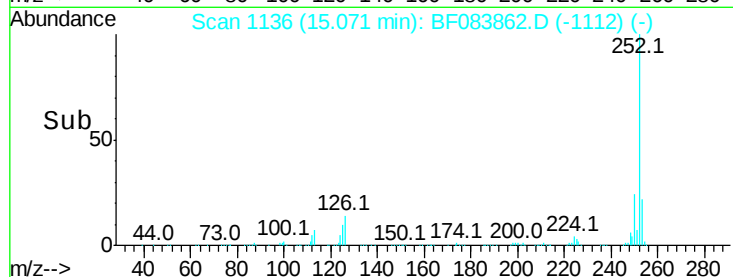
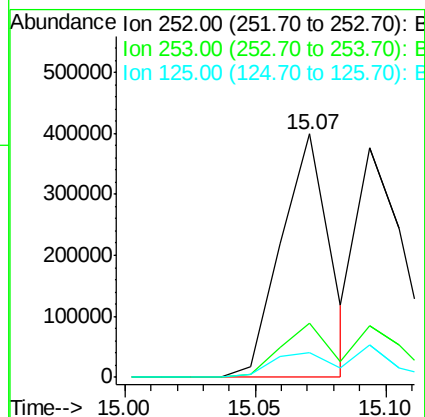
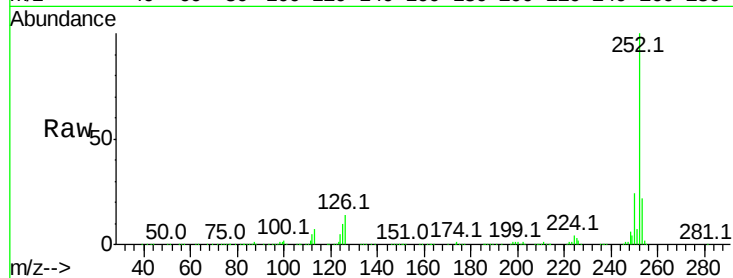
ClientSampleId :

COMPOSITE-C-20150874MS

Tot Ion:	252	Resp:	517521
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	10.1	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 44.07 ng m

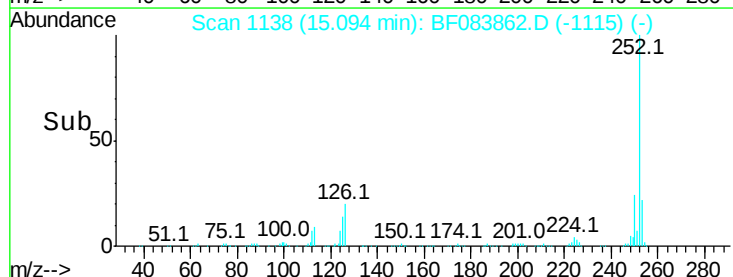
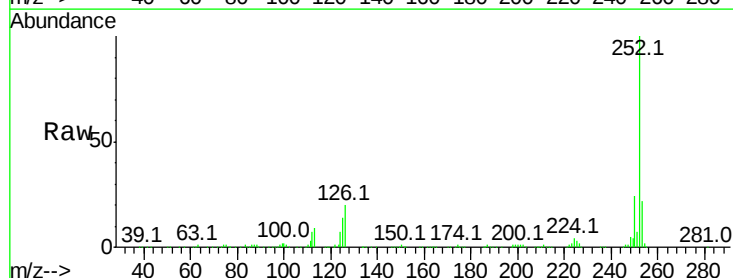
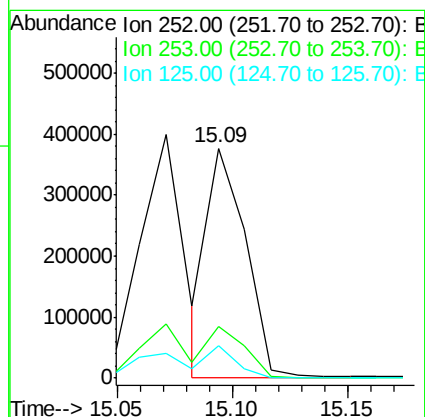
RT: 15.09 min Scan# 1138

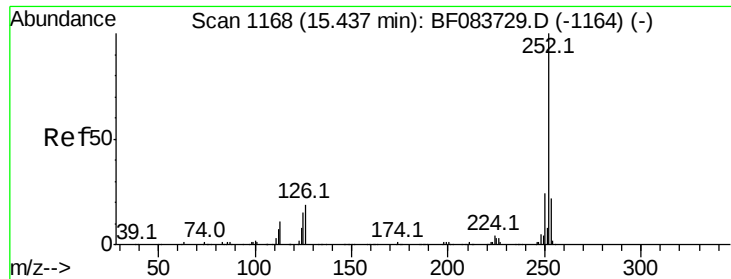
Delta R.T. -0.03 min

Lab File: BF083862.D

Acq: 16 Dec 2015 21:44

Tgt Ion:	252	Resp:	442951
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.6	27.8
125	14.2	11.5	17.3





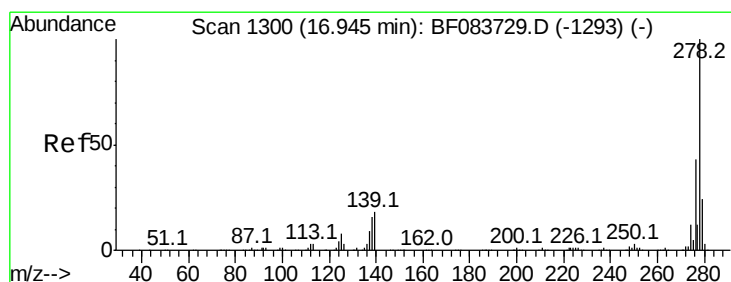
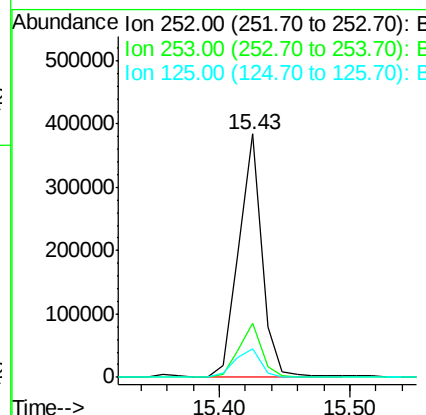
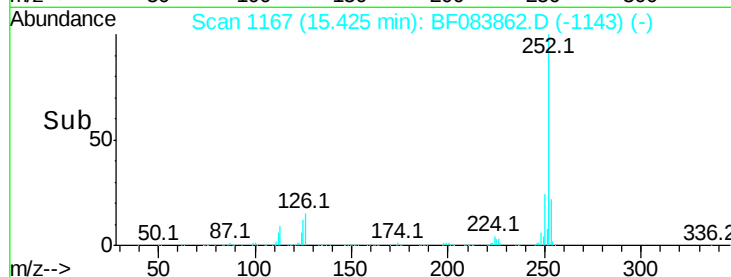
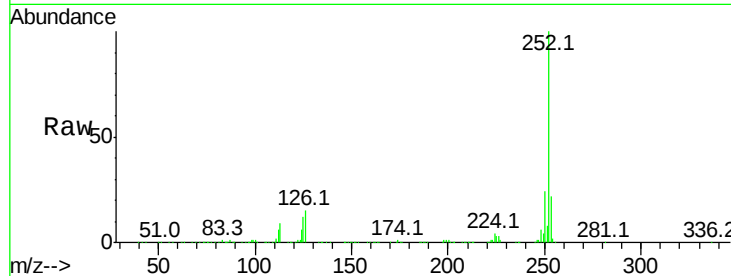
#89
Benzo(a)pyrene
Concen: 47.61 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.8	11.0	16.6

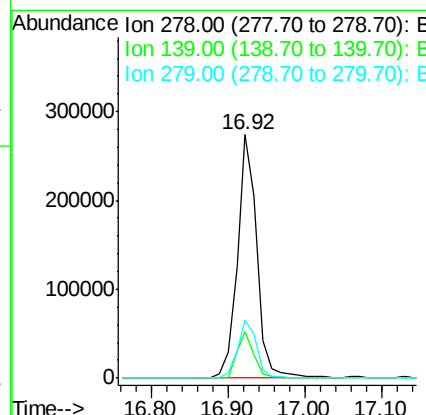
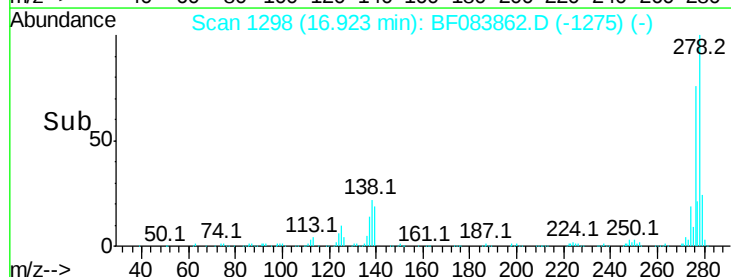
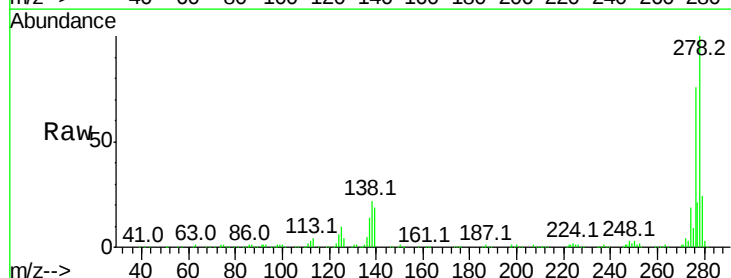
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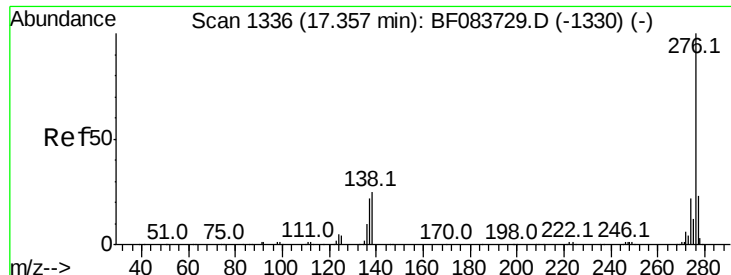
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 49.63 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF083862.D
Acq: 16 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	12.8	19.2#
279	23.7	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 50.52 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: BF083862.D
 Acq: 16 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874MS

Tot Ion:	276	Resp:	511192
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.2	28.8
138	24.3	19.5	29.3

Manual Integrations
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