

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084087.D
 Acq On : 24 Dec 2015 19:03
 Operator : UM/SJ
 Sample : PB87523BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Manual Integrations
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Sohil
 12/28/2015 1:09:47 PM

Quant Time: Dec 25 04:15:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48580	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	190347	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89270	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	165494	20.00	ng	0.00
75) Chrysene-d12	13.96	240	122167	20.00	ng	0.00
86) Perylene-d12	15.38	264	93639	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	217626	75.95	ng	0.01
7) Phenol-d6	6.45	99	262218	73.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	243106	74.76	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	70543	74.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	485276	74.38	ng	0.00
78) Terphenyl-d14	12.90	244	448680	66.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	38533	32.81	ng	98
3) Pyridine	3.14	79	96206	33.54	ng	98
4) n-Nitrosodimethylamine	3.08	42	51137	40.46	ng	91
6) Aniline	6.46	93	105291	23.49	ng	# 22
8) 2-Chlorophenol	6.59	128	145393	40.86	ng	94
9) Benzaldehyde	6.35	77	34440	18.16	ng	88
10) Phenol	6.46	94	154646	38.14	ng	86
11) bis(2-Chloroethyl)ether	6.53	93	111369	38.08	ng	95
12) 1,3-Dichlorobenzene	6.74	146	145983	37.58	ng	98
13) 1,4-Dichlorobenzene	6.82	146	146226m	37.40	ng	
14) 1,2-Dichlorobenzene	6.97	146	137736	38.23	ng	99
15) Benzyl Alcohol	6.96	79	114777	42.75	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	104203	36.48	ng	# 50
17) 2-Methylphenol	7.07	107	104853	38.38	ng	# 91
18) Hexachloroethane	7.31	117	54103	37.92	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	87259	39.95	ng	# 89
20) 3+4-Methylphenols	7.23	107	143931	41.30	ng	# 48
22) Acetophenone	7.21	105	184472	38.79	ng	93
24) Nitrobenzene	7.39	77	128439	37.20	ng	# 84
25) Isophorone	7.63	82	239652	39.84	ng	95
26) 2-Nitrophenol	7.70	139	71260	40.33	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	127266	43.39	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	140964	40.20	ng	99
29) 2,4-Dichlorophenol	7.95	162	112518	41.31	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	117557	39.38	ng	98
31) Naphthalene	8.11	128	404931	39.98	ng	99
32) Benzoic acid	7.89	122	60858	43.28	ng	93
33) 4-Chloroaniline	8.16	127	56810	14.10	ng	97
34) Hexachlorobutadiene	8.22	225	63951	37.56	ng	98
35) Caprolactam	8.53	113	36373m	48.15	ng	
36) 4-Chloro-3-methylphenol	8.66	107	125573	41.00	ng	93
37) 2-Methylnaphthalene	8.80	142	258784	40.82	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	118286	42.03	ng	98
40) Hexachlorocyclopentadiene	8.96	237	69211	83.12	ng	98

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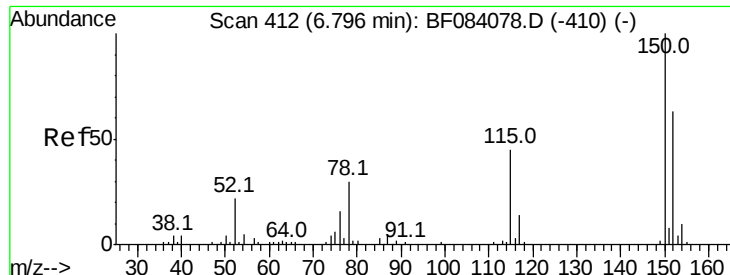
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	72590	39.56	nq	96
43) 2,4,5-Trichlorophenol	9.14	196	75840	41.29	nq	97
45) 1,1'-Biphenyl	9.26	154	348949	43.27	nq	98
46) 2-Chloronaphthalene	9.29	162	255317	41.64	nq	95
47) 2-Nitroaniline	9.39	65	76118	46.72	nq	# 67
48) Acenaphthylene	9.70	152	390549	38.79	nq	99
49) Dimethylphthalate	9.57	163	311403	42.12	nq	# 90
50) 2,6-Dinitrotoluene	9.63	165	70931	45.20	nq	# 82
51) Acenaphthene	9.87	154	227128	38.79	nq	99
52) 3-Nitroaniline	9.80	138	35720	21.21	nq	# 71
53) 2,4-Dinitrophenol	9.92	184	48504	79.70	nq	96
54) Dibenzofuran	10.04	168	332361	41.27	nq	# 90
55) 4-Nitrophenol	9.98	139	71215	82.84	nq	# 76
56) 2,4-Dinitrotoluene	10.04	165	91903	44.36	nq	89
57) Fluorene	10.38	166	268163	39.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	59111	45.15	nq	97
59) Diethylphthalate	10.27	149	299205	39.84	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	116432	36.88	nq	# 81
61) 4-Nitroaniline	10.42	138	73582	47.27	nq	96
62) Azobenzene	10.53	77	272025	43.96	nq	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	40232	43.80	nq	81
65) n-Nitrosodiphenylamine	10.50	169	258379	43.80	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	80580	42.03	nq	# 79
67) Hexachlorobenzene	10.93	284	84646	40.33	nq	# 72
68) Atrazine	11.02	200	71162	40.05	nq	97
69) Pentachlorophenol	11.14	266	61328	87.98	nq	98
70) Phenanthrene	11.34	178	410263	41.82	nq	99
71) Anthracene	11.40	178	433065	42.21	nq	99
72) Carbazole	11.55	167	361031	41.37	nq	99
73) Di-n-butylphthalate	11.88	149	458987	40.82	nq	# 98
74) Fluoranthene	12.53	202	444127	43.25	nq	96
76) Benzidine	12.65	184	109789	26.44	nq	99
77) Pyrene	12.76	202	450502	42.74	nq	99
79) Butylbenzylphthalate	13.38	149	193543	44.36	nq	# 81
80) Benzo(a)anthracene	13.95	228	321584	42.79	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	68298	30.01	nq	# 96
82) Chrysene	13.99	228	293385m	42.34	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	247217	43.85	nq	# 97
84) Di-n-octyl phthalate	14.55	149	356798	44.98	nq	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	283302	40.83	nq	99
87) Benzo(b)fluoranthene	14.98	252	297146m	42.73	nq	
88) Benzo(k)fluoranthene	15.00	252	220983m	46.89	nq	
89) Benzo(a)pyrene	15.32	252	248702	43.41	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	236561	42.31	nq	# 95
91) Benzo(g,h,i)perylene	17.19	276	239184	41.92	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF084087.D

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Instrument :

BNA_F

ClientSampleId :

PB87523BSD

Tot Ion:152 Resp: 48580

Ion Ratio Lower Upper

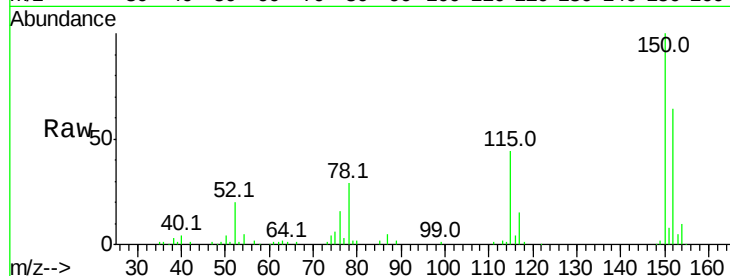
152 100

150 155.1 123.0 184.4

115 68.3 51.4 77.2

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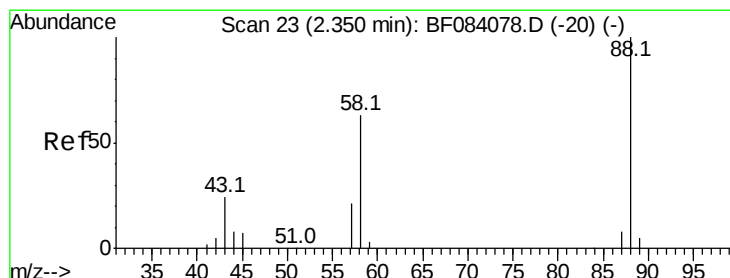
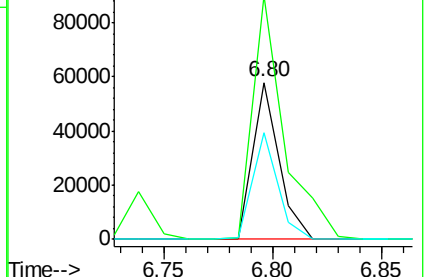
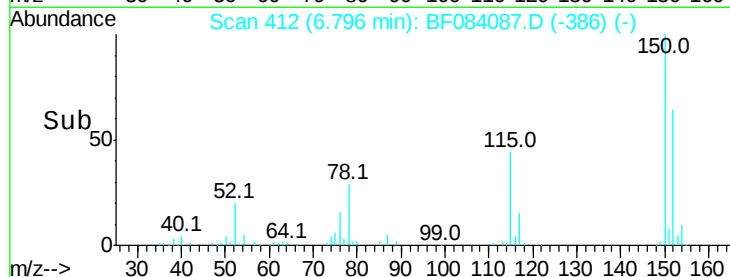
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.81 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.08 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

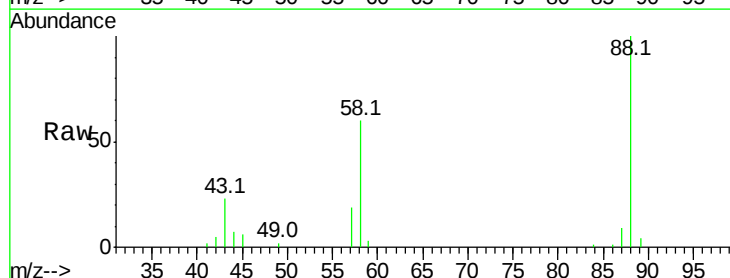
Tgt Ion: 88 Resp: 38533

Ion Ratio Lower Upper

88 100

58 64.2 51.2 76.8

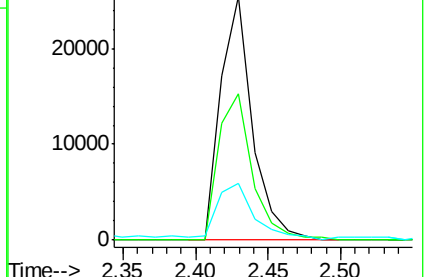
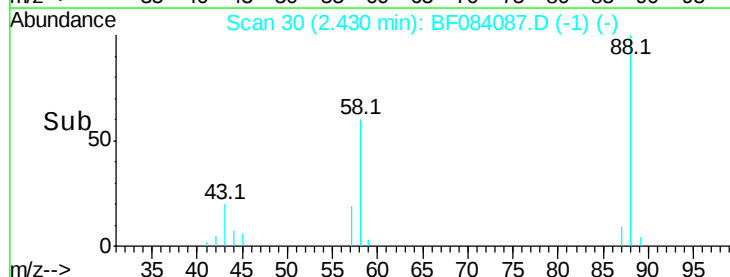
43 28.0 19.5 29.3

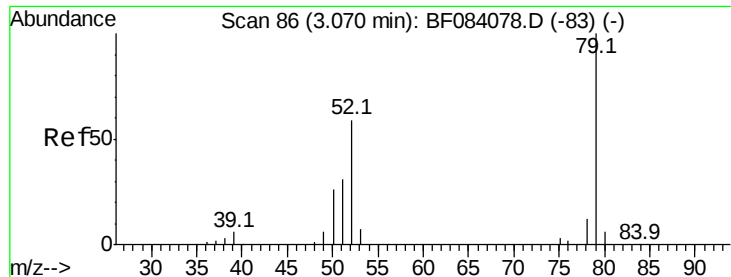


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.54 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.07 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

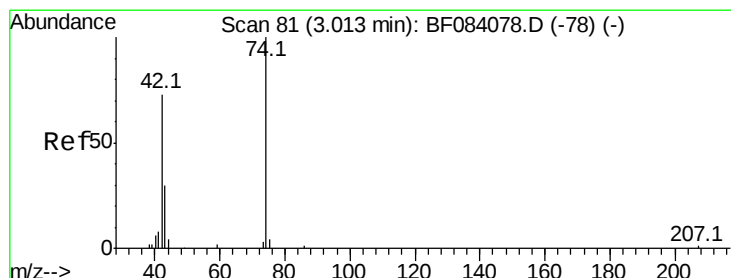
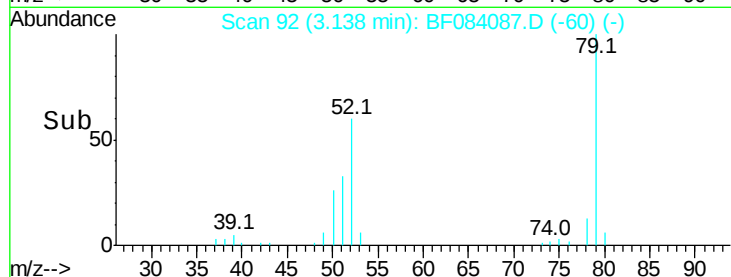
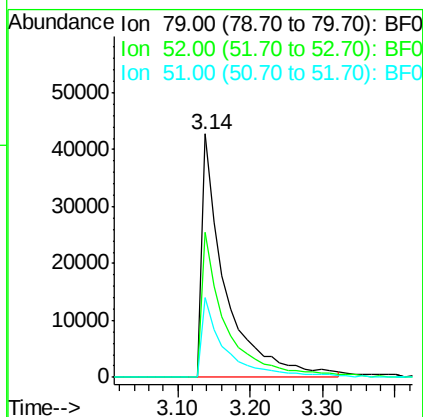
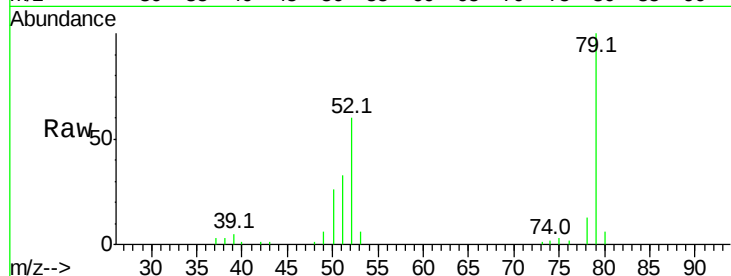
ClientSampleId :

PB87523BSD

Tot Ion:	79	Resp:	96206
Ion Ratio	Lower	Upper	
79	100		
52	59.6	49.0	73.4
51	32.7	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 40.46 ng

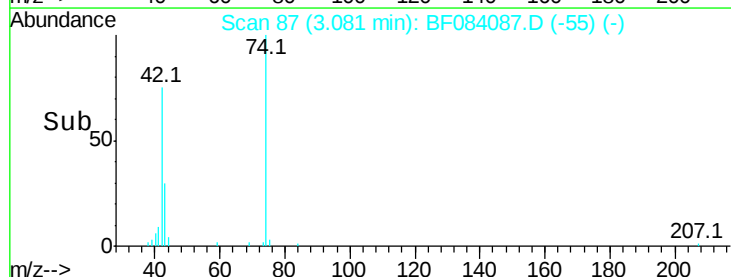
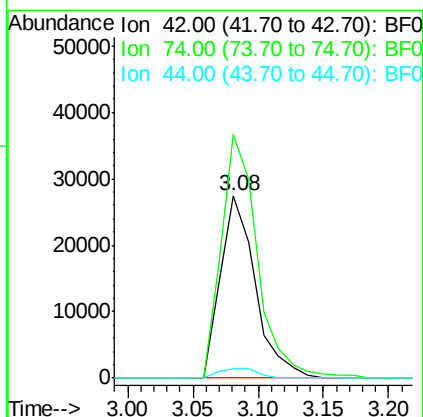
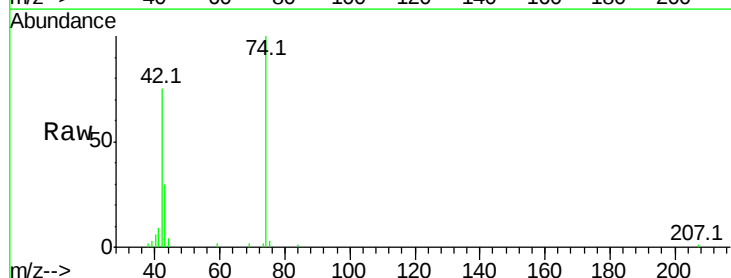
RT: 3.08 min Scan# 87

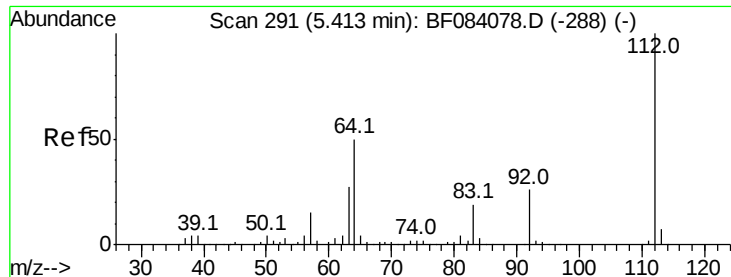
Delta R.T. 0.07 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	42	Resp:	51137
Ion Ratio	Lower	Upper	
42	100		
74	133.5	115.7	173.5
44	5.3	5.1	7.7





#5

2-Fluorophenol

Concen: 75.95 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

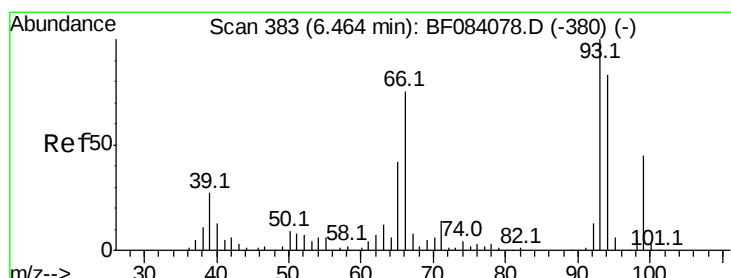
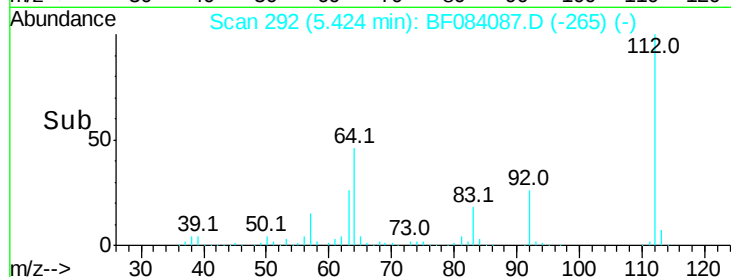
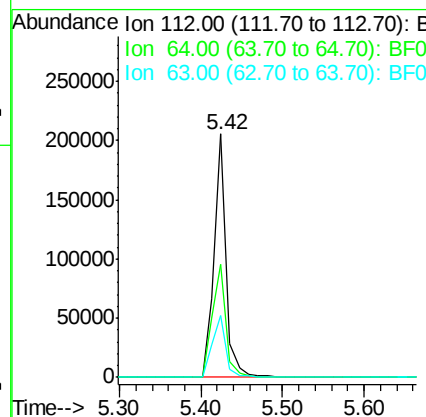
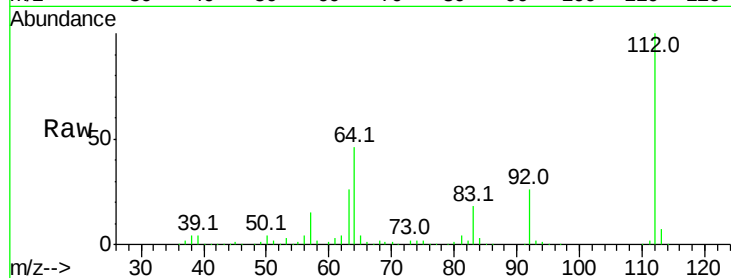
ClientSampleId :

PB87523BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		217626		
64	46.4	36.6	55.0		
63	25.6	19.4	29.0		

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#6

Aniline

Concen: 23.49 ng

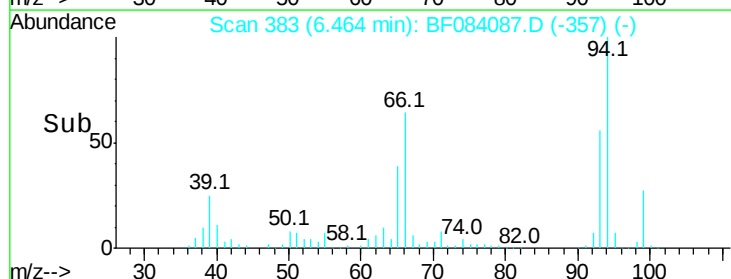
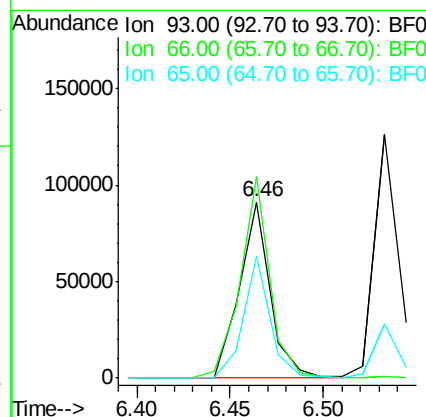
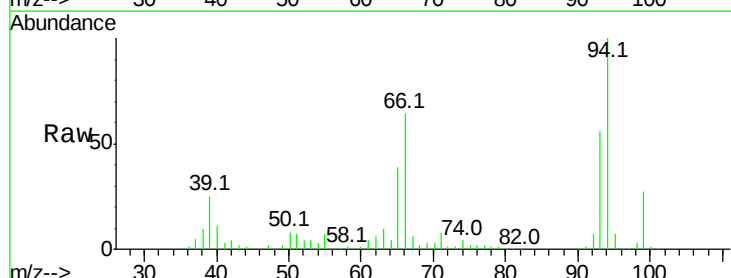
RT: 6.46 min Scan# 383

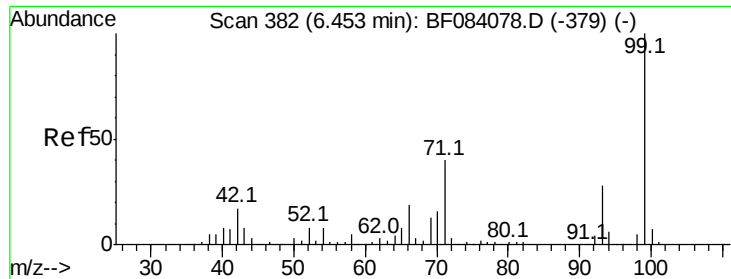
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		105291		
66	114.3	44.9	67.3#		
65	69.5	23.7	35.5#		





#7

Phenol-d6

Concen: 73.96 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

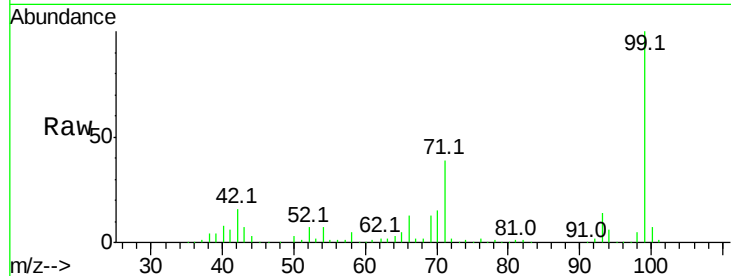
ClientSampleId :

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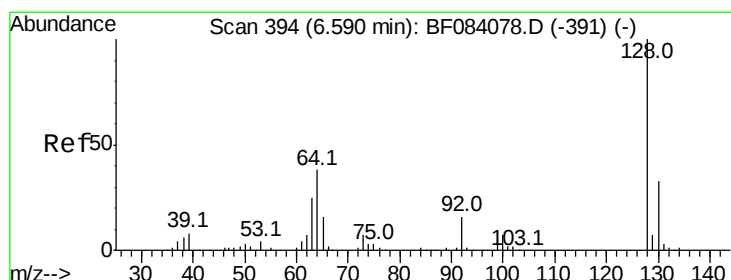
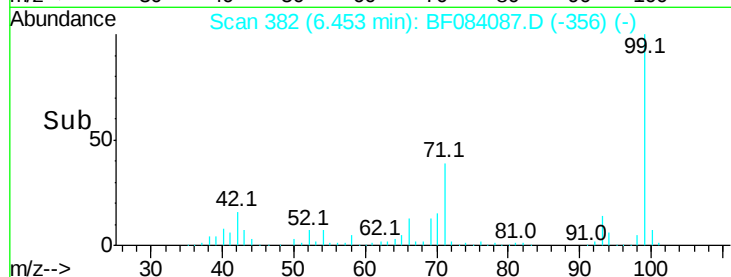
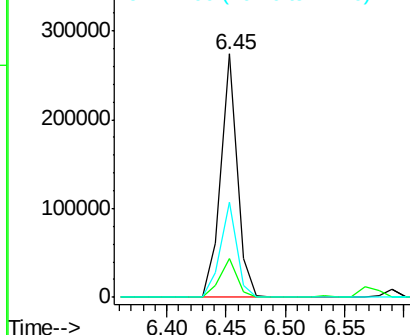
Tot Ion:	99	Resp:	262218
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.8	19.2
71	39.3	30.9	46.3

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



#8

2-Chlorophenol

Concen: 40.86 ng

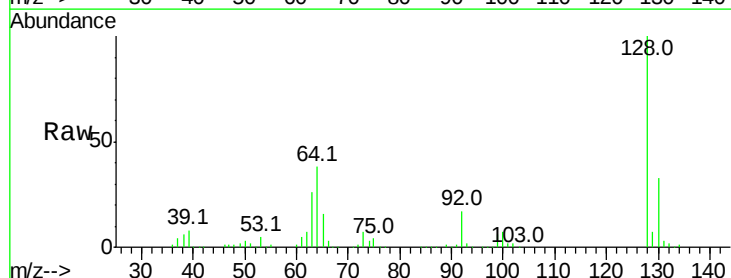
RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

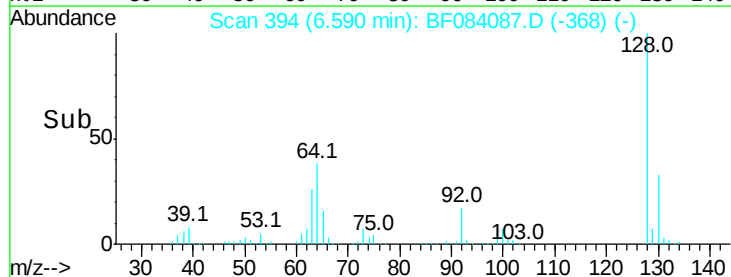
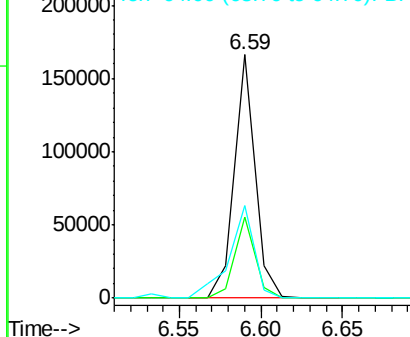
Lab File: BF084087.D

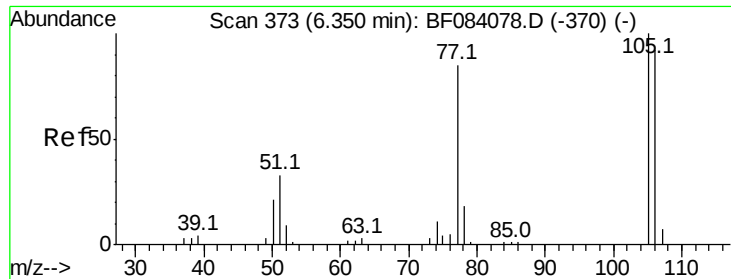
Acq: 24 Dec 2015 19:03

Tgt Ion:	128	Resp:	145393
Ion Ratio	Lower	Upper	
128	100		
130	33.2	11.6	51.6
64	38.2	23.8	63.8



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





#9

Benzaldehyde

Concen: 18.16 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

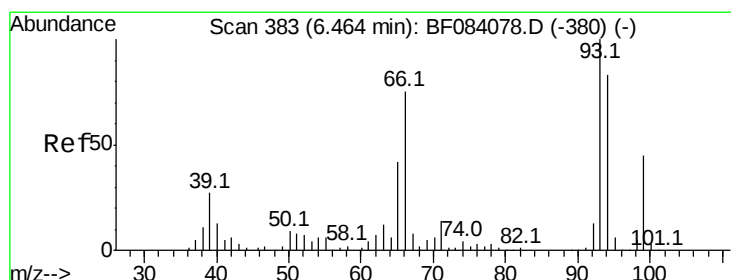
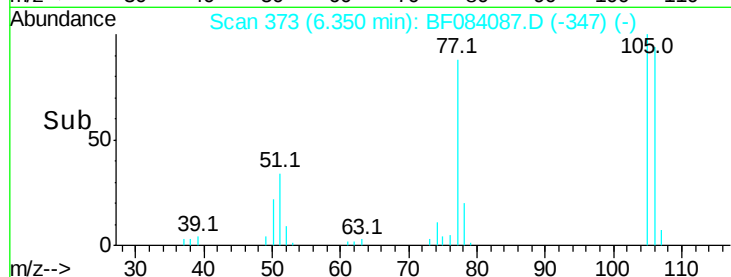
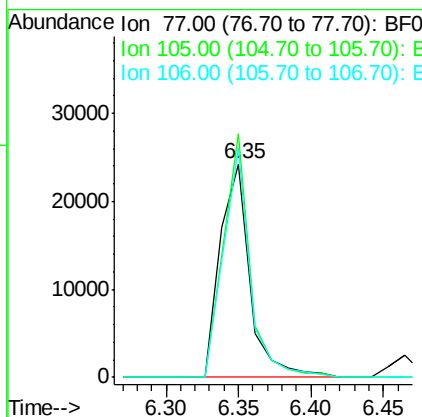
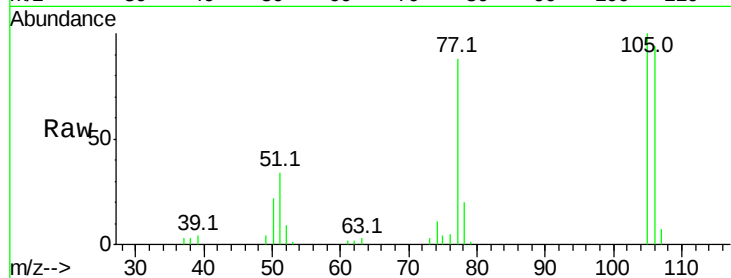
ClientSampleId :

PB87523BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	114.1	83.0	123.0
106	107.5	74.6	114.6

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#10

Phenol

Concen: 38.14 ng

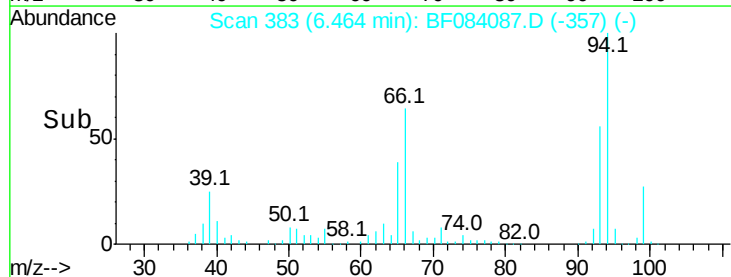
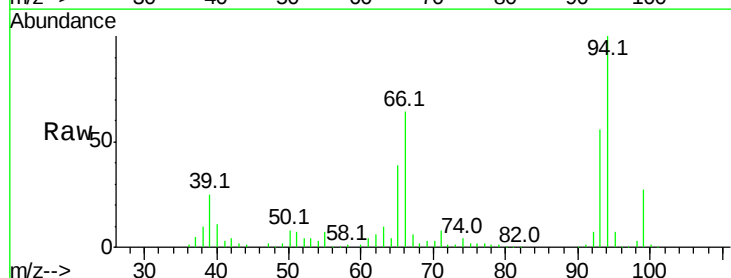
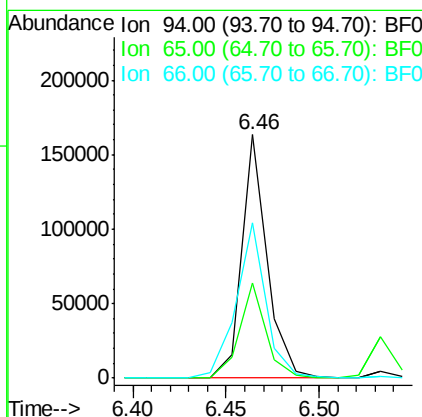
RT: 6.46 min Scan# 383

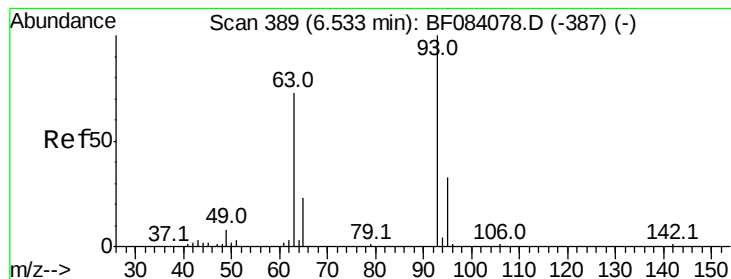
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.8	12.9	52.9
66	63.9	32.7	72.7





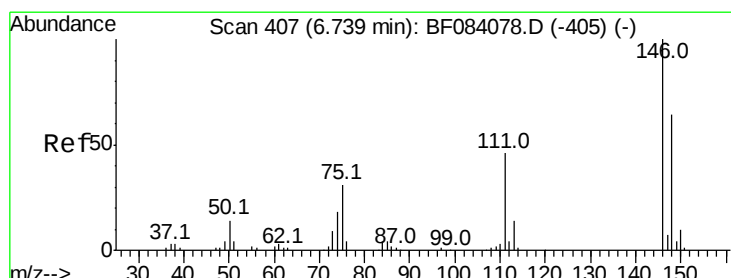
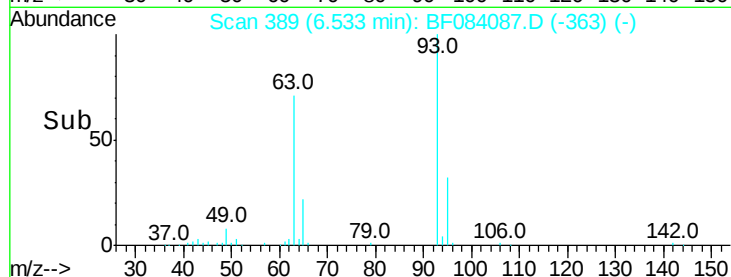
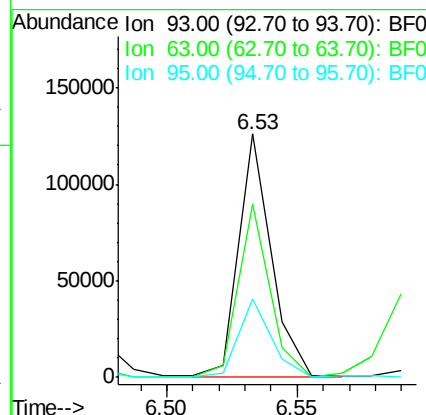
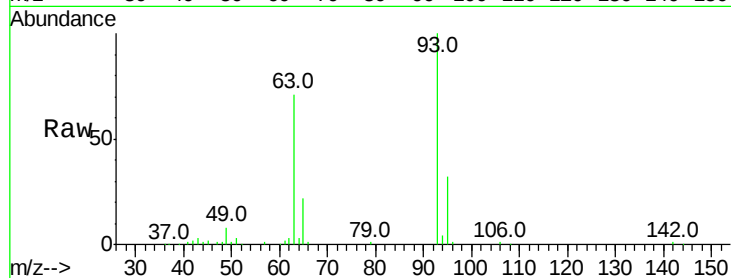
#11
bis(2-Chloroethyl)ether
Concen: 38.08 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	111369		
63	71.3	45.9	85.9	
95	32.4	12.3	52.3	

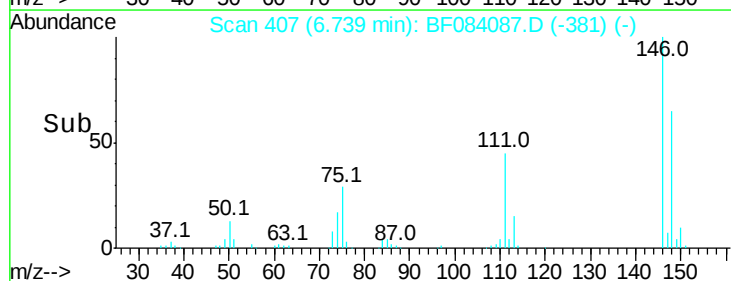
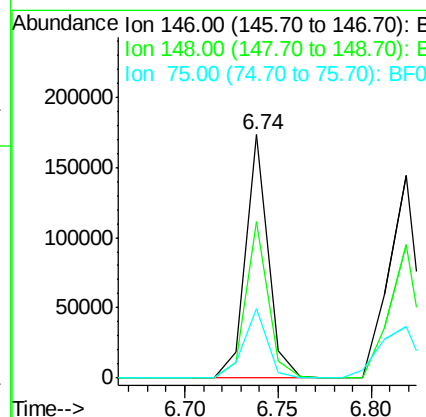
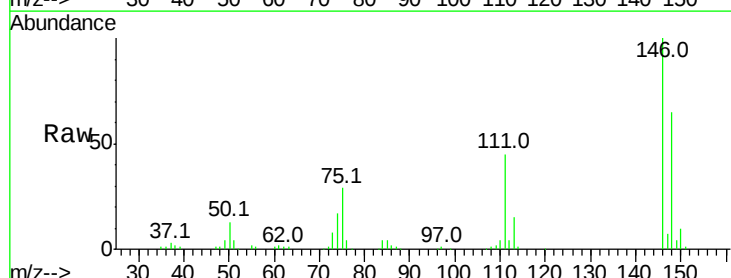
Manual Integrations
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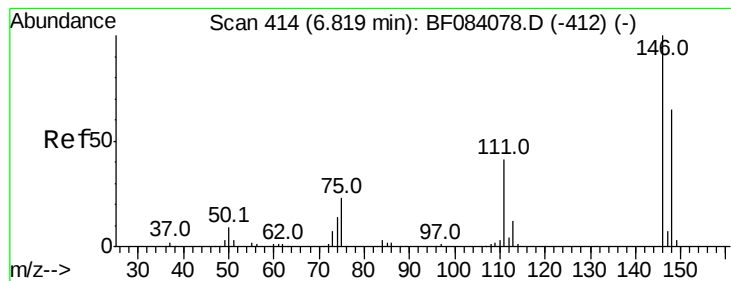
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#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145983		
148	64.5	51.9	77.9	
75	28.7	20.5	30.7	





#13

1,4-Dichlorobenzene

Concen: 37.40 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

Tot Ion:146 Resp: 146226

Ion Ratio Lower Upper

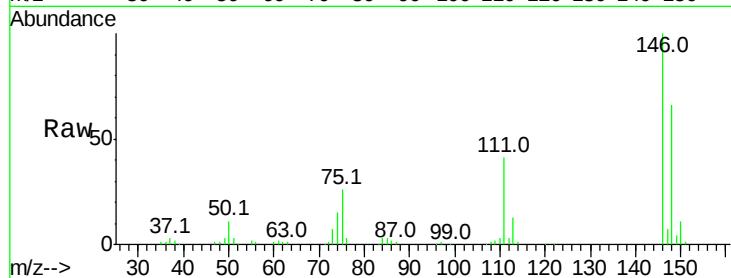
146 100

148 66.1 51.9 77.9

111 41.1 41.6 62.4#

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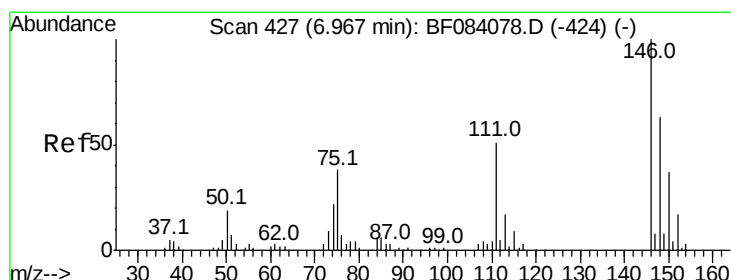
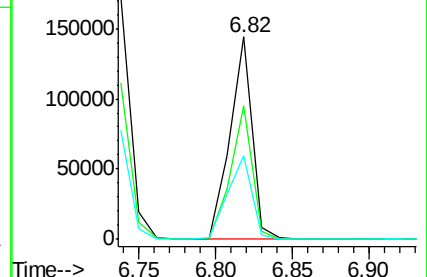
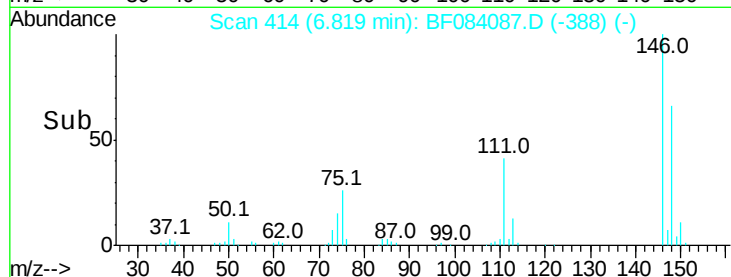
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.23 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

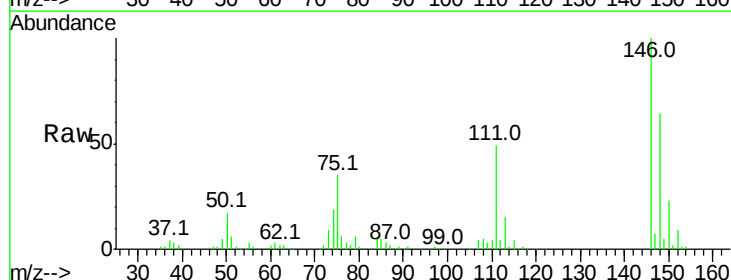
Tgt Ion:146 Resp: 137736

Ion Ratio Lower Upper

146 100

148 64.0 51.6 77.4

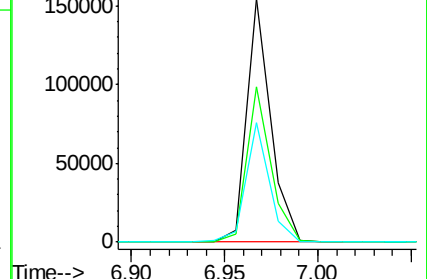
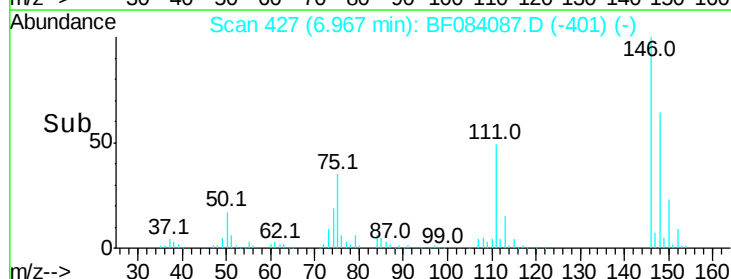
111 48.9 38.0 57.0

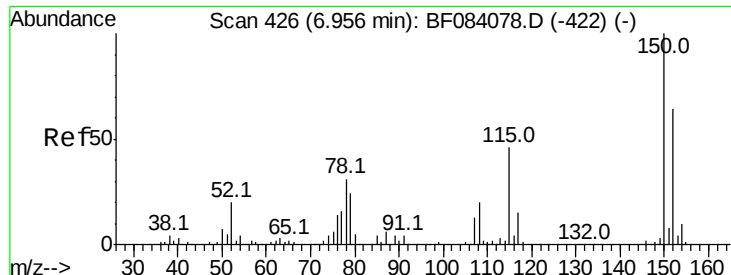


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.75 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

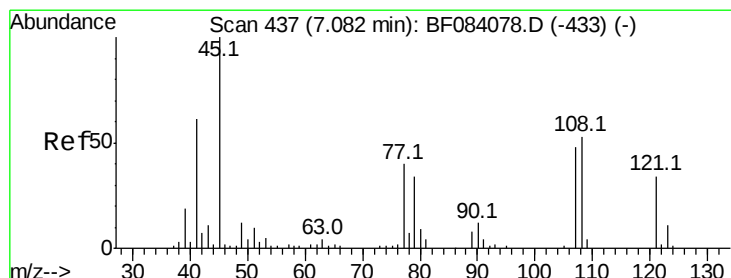
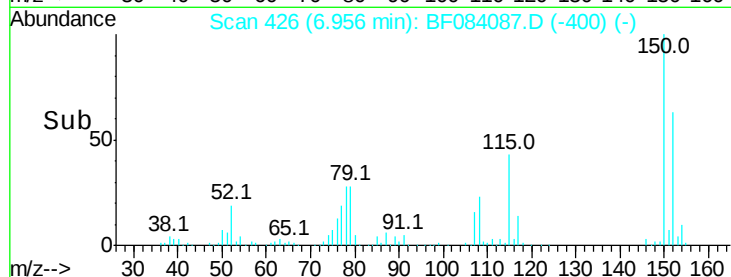
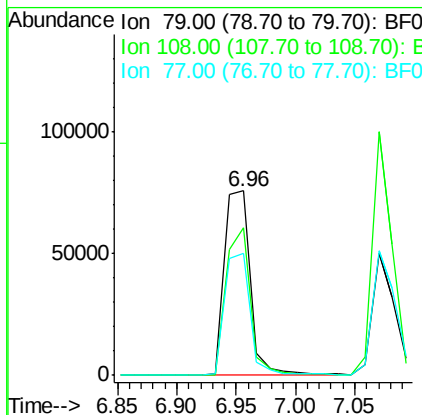
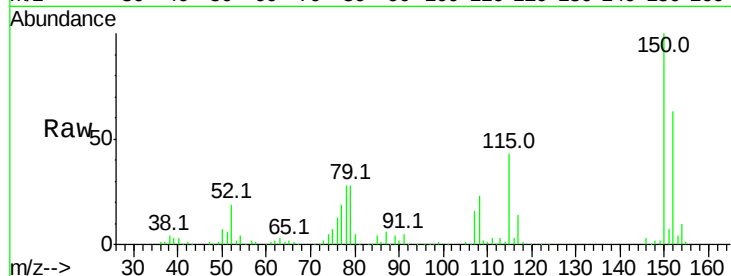
ClientSampleId :

PB87523BSD

Tot Ion:	79	Resp:	114777
Ion Ratio	Lower	Upper	
79	100		
108	80.3	69.0	103.4
77	66.0	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.48 ng

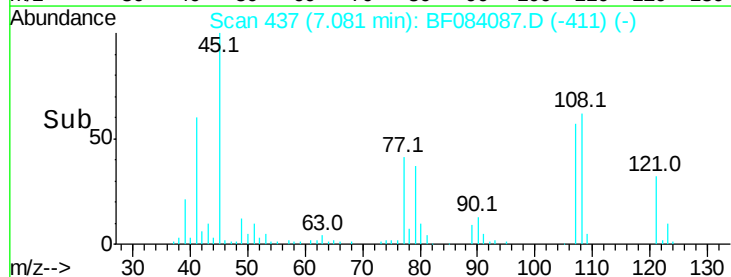
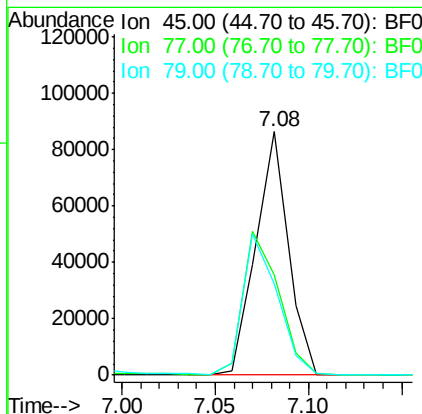
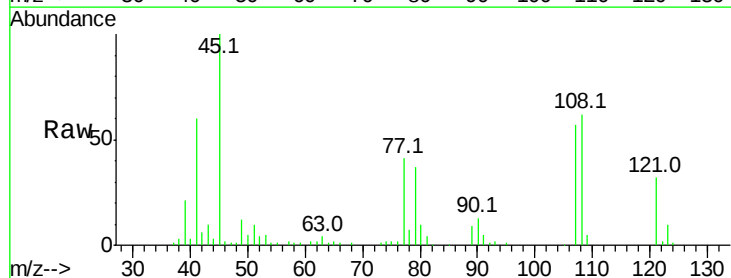
RT: 7.08 min Scan# 437

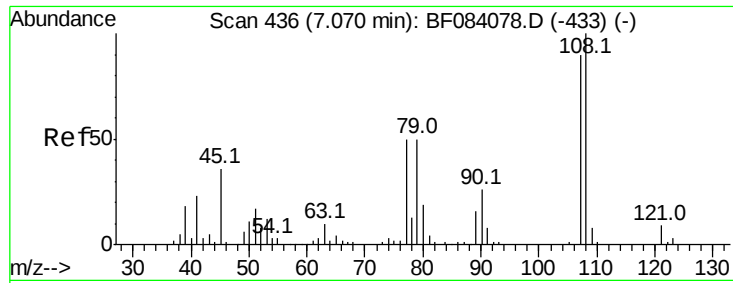
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	45	Resp:	104203
Ion Ratio	Lower	Upper	
45	100		
77	41.4	0.0	39.6#
79	37.3	0.0	35.0#





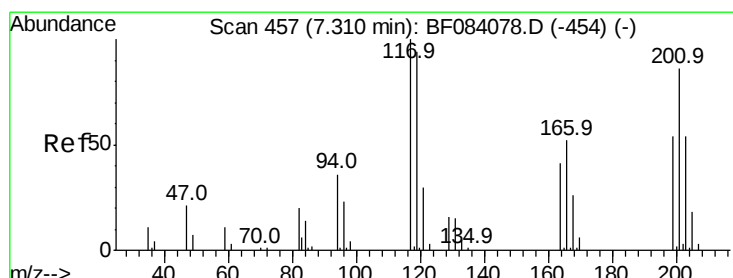
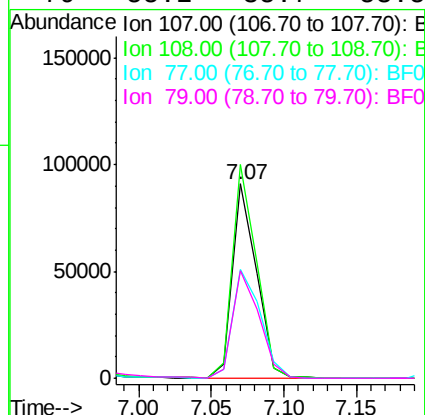
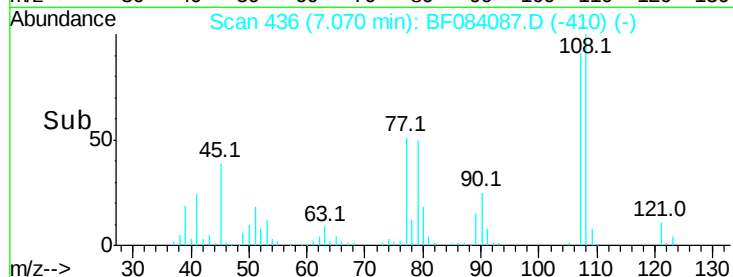
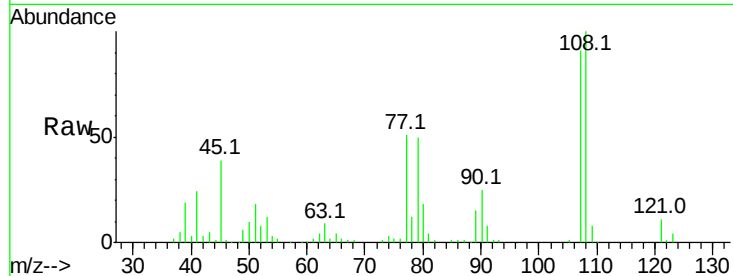
#17
2-Methylphenol
Concen: 38.38 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	109.8	89.8	134.6
77	56.1	35.7	53.5#
79	55.2	35.7	53.5#

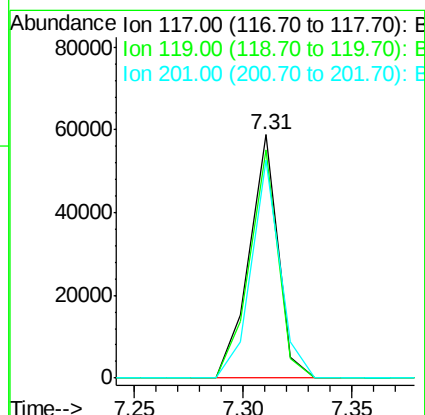
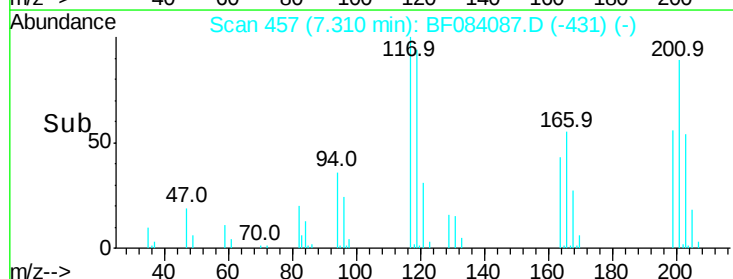
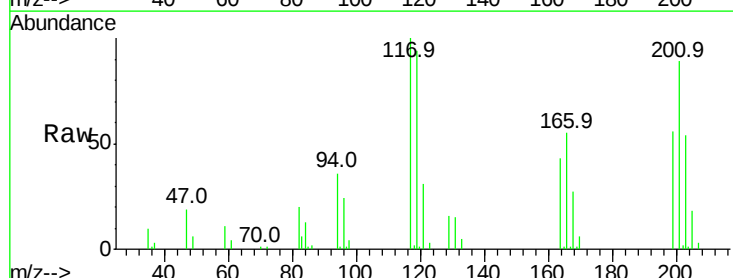
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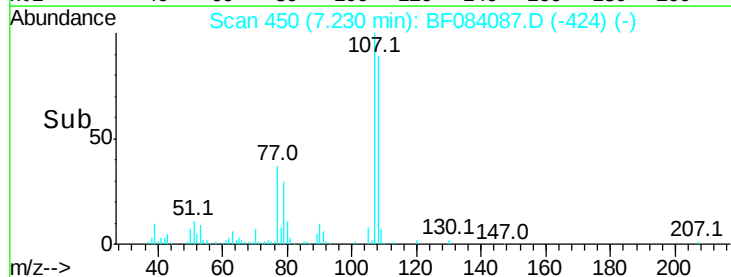
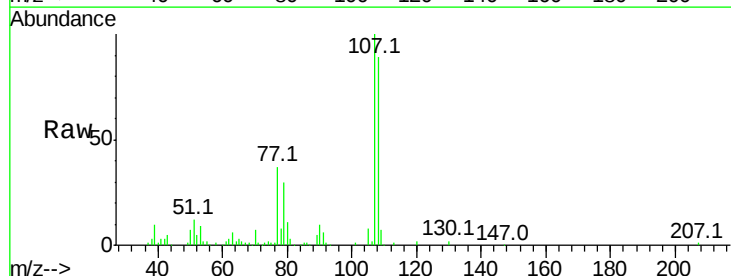
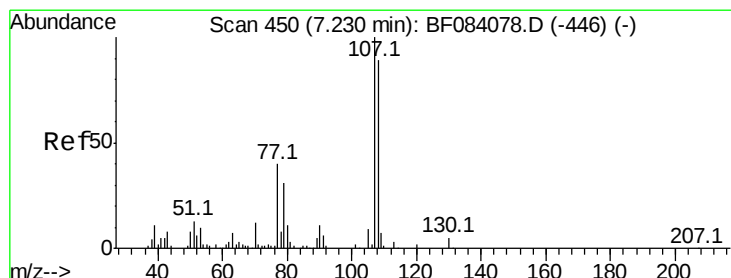
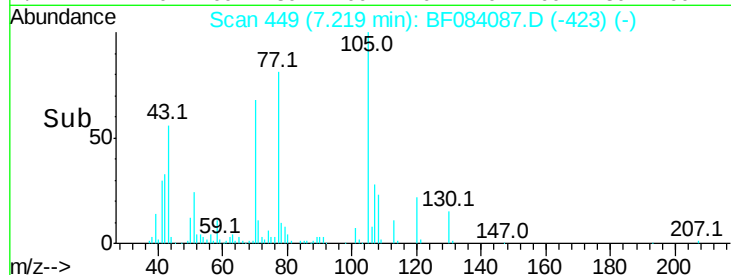
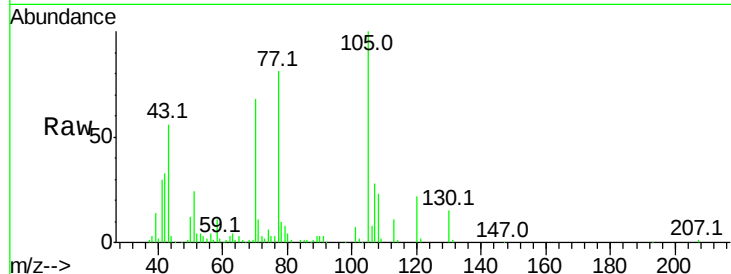
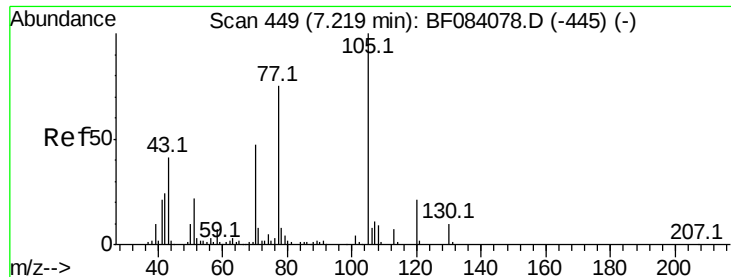
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#18
Hexachloroethane
Concen: 37.92 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.0	77.4	116.0
201	89.4	68.6	103.0





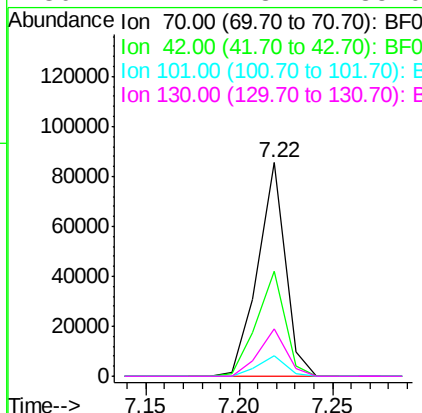
#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.9	33.3	49.9	
101	9.8	9.3	13.9	
130	22.2	23.4	35.0	

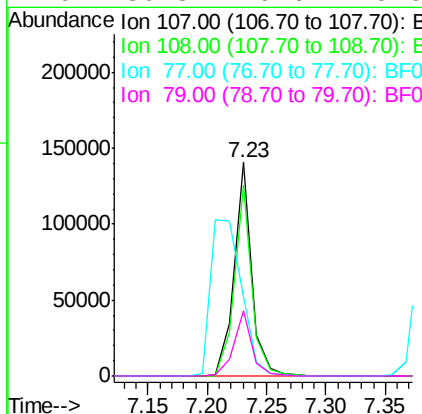
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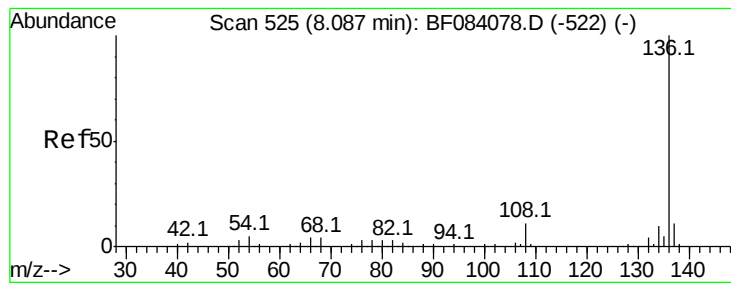
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#20
3+4-Methylphenols
Concen: 41.30 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	64.1	104.1	
77	37.1	128.9	168.9	
79	30.3	9.6	49.6	





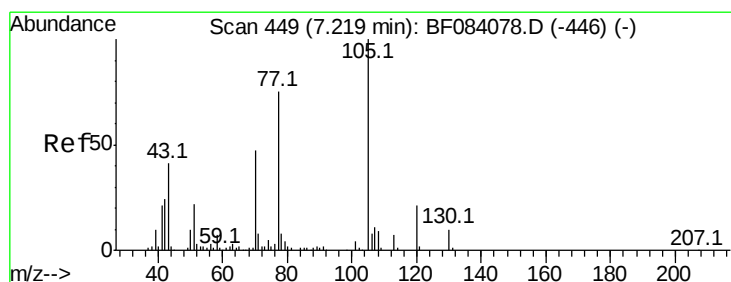
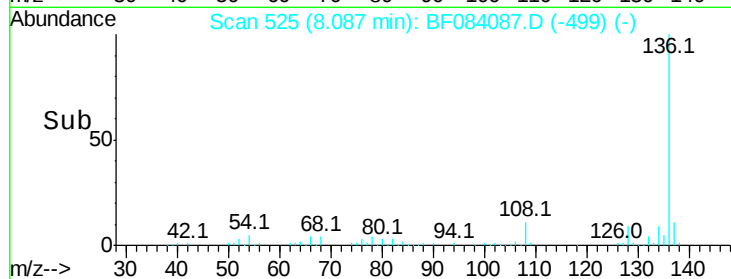
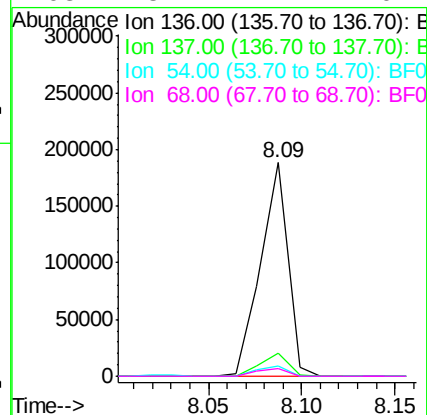
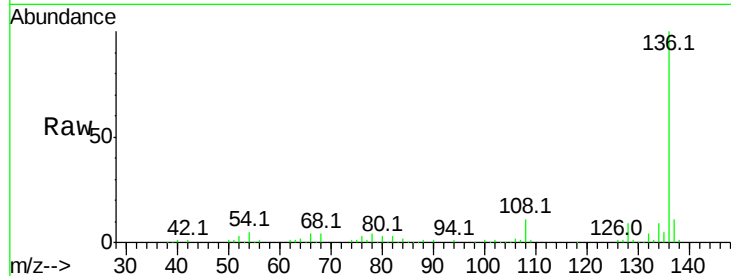
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	190347		
137	10.6	8.7	13.1	
54	4.8	5.8	8.8#	
68	3.7	4.2	6.2#	

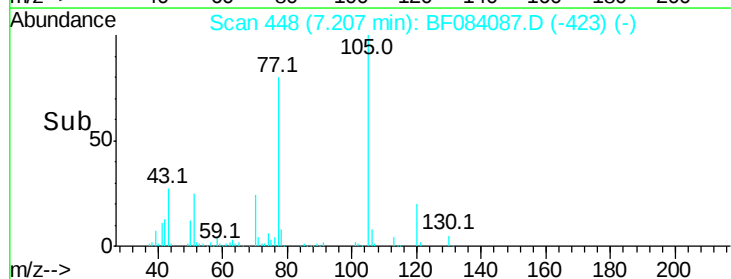
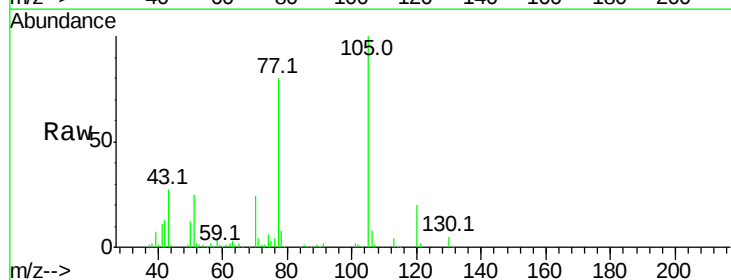
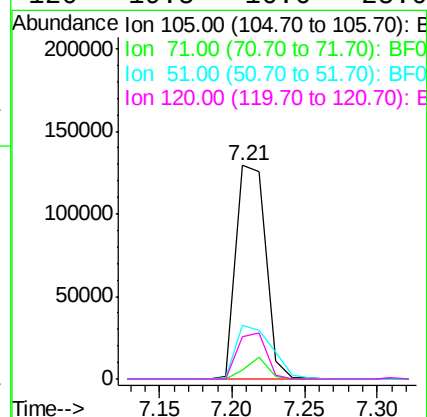
Manual Integrations
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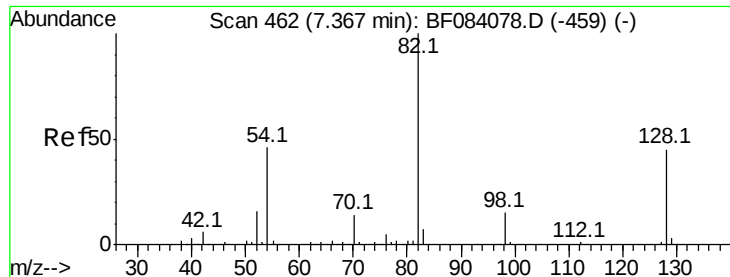
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#22
Acetophenone
Concen: 38.79 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184472		
71	4.0	3.7	5.5	
51	25.4	25.1	37.7	
120	19.5	16.6	25.0	





#23

Nitrobenzene-d5

Concen: 74.76 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

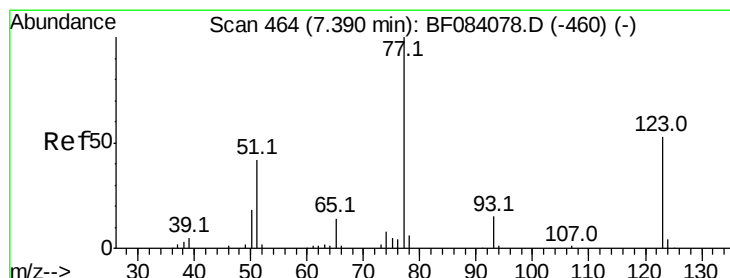
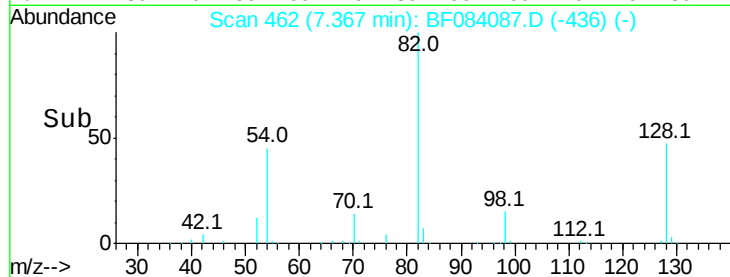
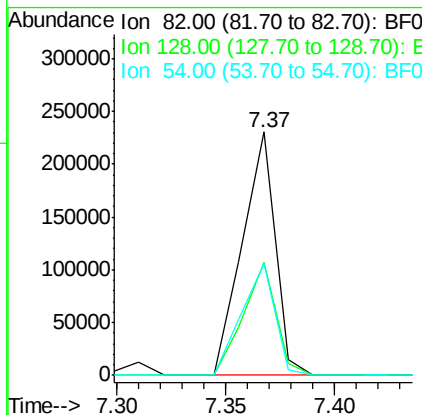
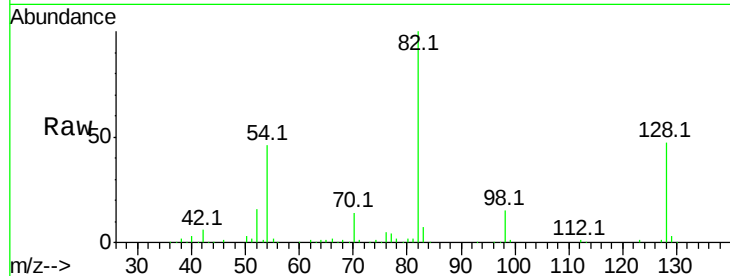
ClientSampleId :

PB87523BSD

Tot Ion:	82	Resp:	243106
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.6	51.8
54	45.9	38.4	57.6

Manual Integrations
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#24

Nitrobenzene

Concen: 37.20 ng

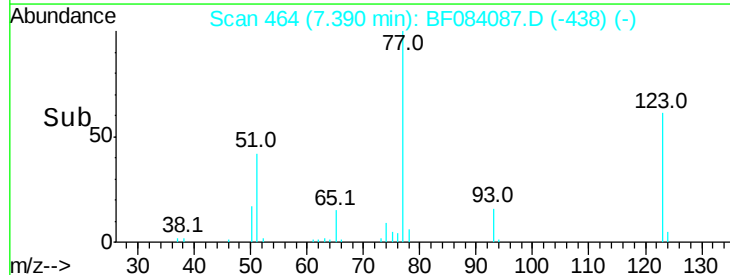
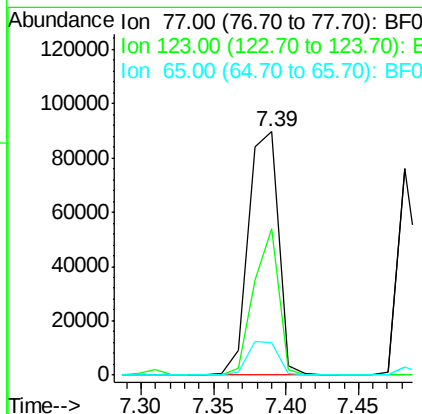
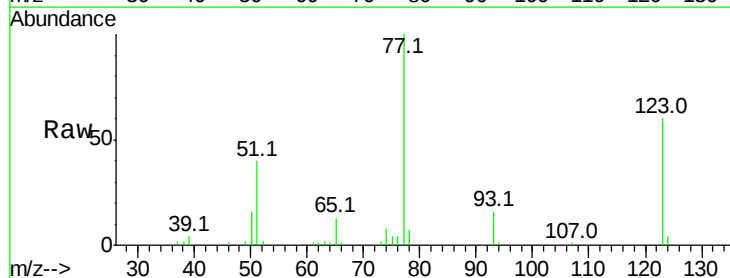
RT: 7.39 min Scan# 464

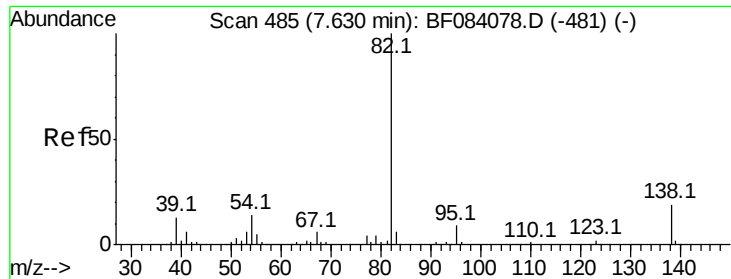
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	77	Resp:	128439
Ion Ratio	Lower	Upper	
77	100		
123	60.2	37.4	56.2#
65	13.4	10.9	16.3





#25

Isophorone

Concen: 39.84 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

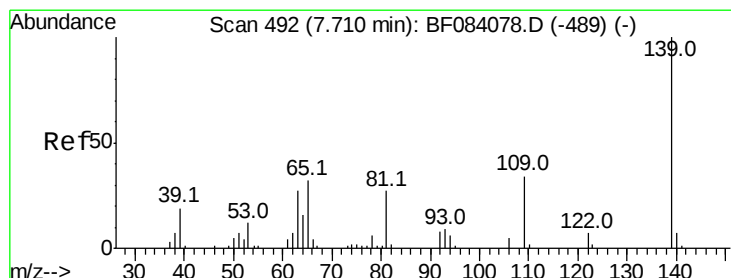
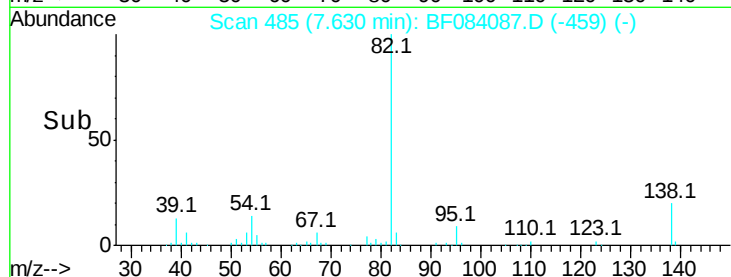
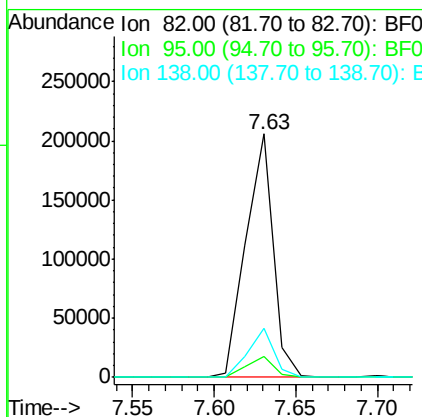
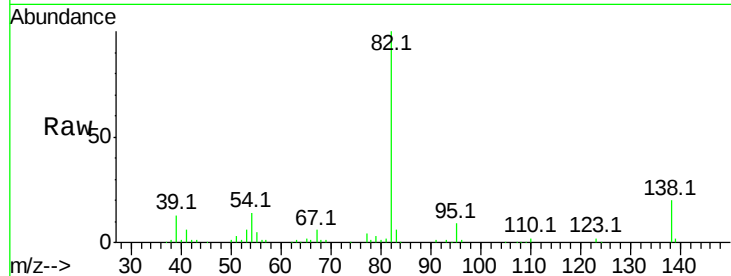
ClientSampleId :

PB87523BSD

Tot Ion:	82	Resp:	239652
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.6	10.0
138	20.0	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.33 ng

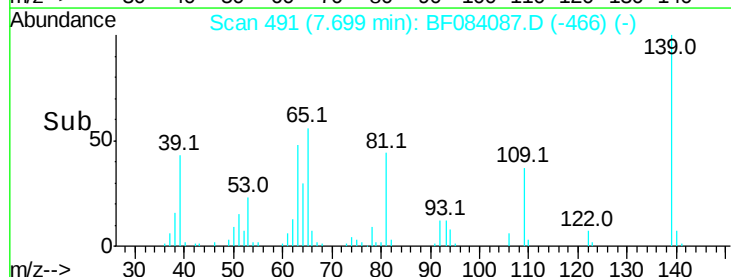
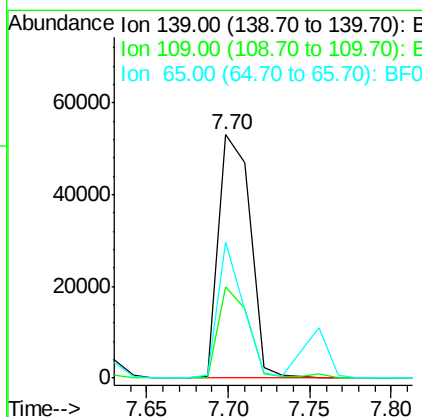
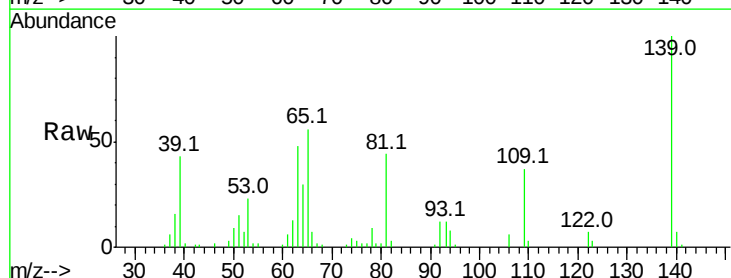
RT: 7.70 min Scan# 491

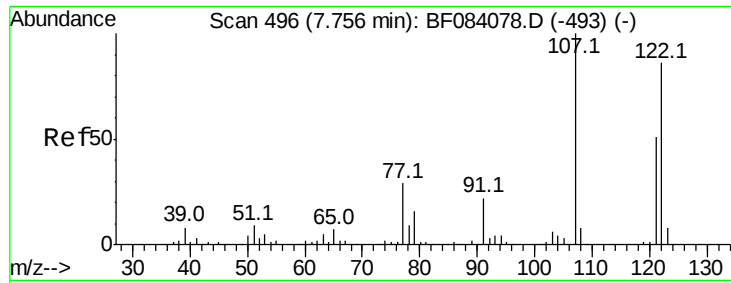
Delta R.T. -0.01 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	139	Resp:	71260
Ion Ratio	Lower	Upper	
139	100		
109	37.4	25.4	38.2
65	55.7	32.3	48.5#





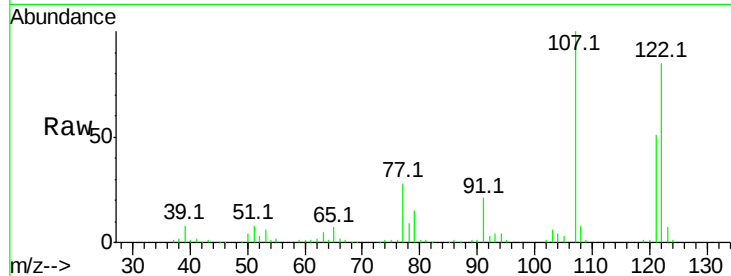
#27
2,4-Dimethylphenol
Concen: 43.39 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	127266		
107	118.0	99.1	148.7	
121	60.1	47.9	71.9	

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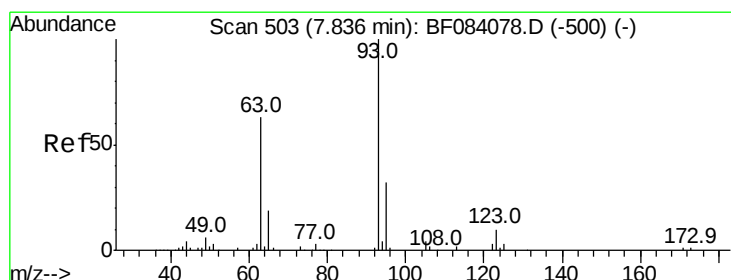
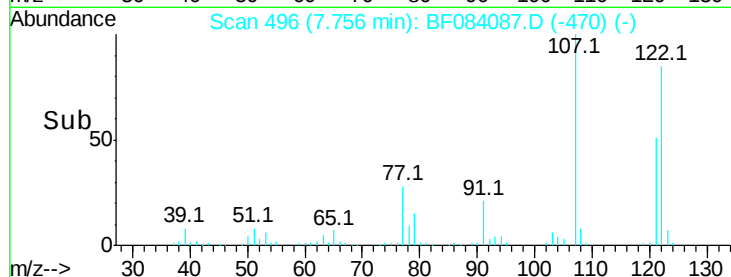
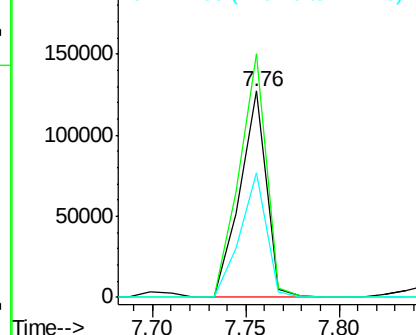


Abundance

Ion 122.00 (121.70 to 122.70): E

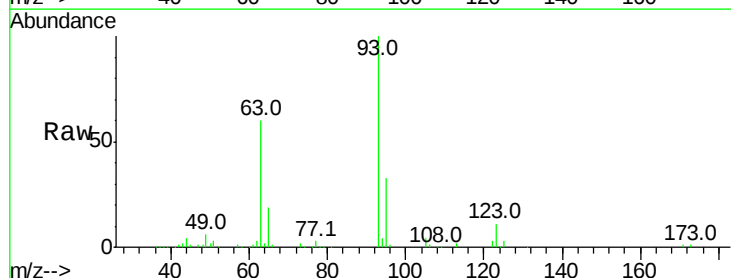
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.20 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	140964		
95	32.9	25.8	38.6	
123	11.4	8.6	12.8	

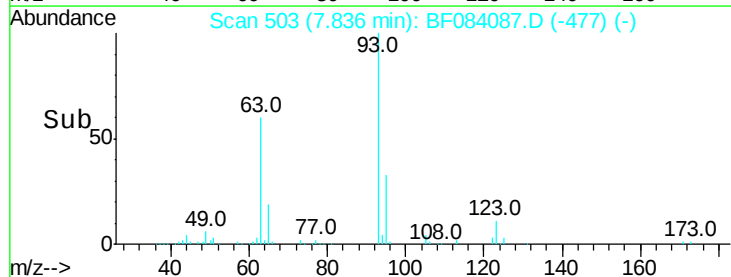
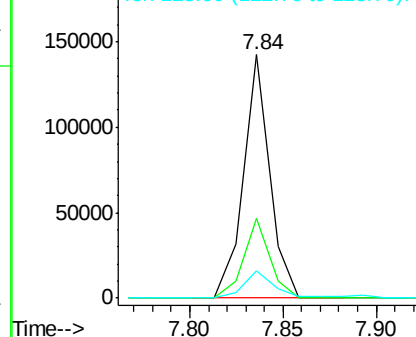


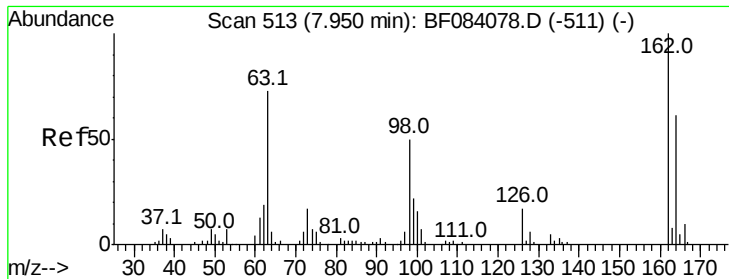
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.31 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

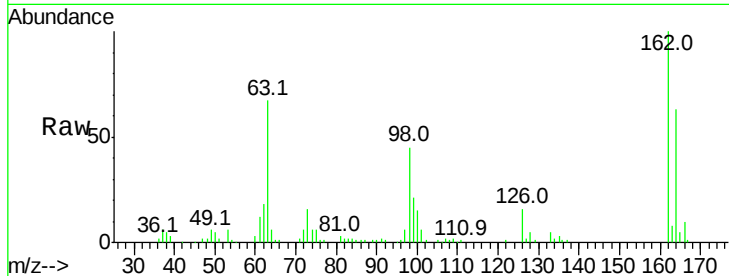
ClientSampleId :

PB87523BSD

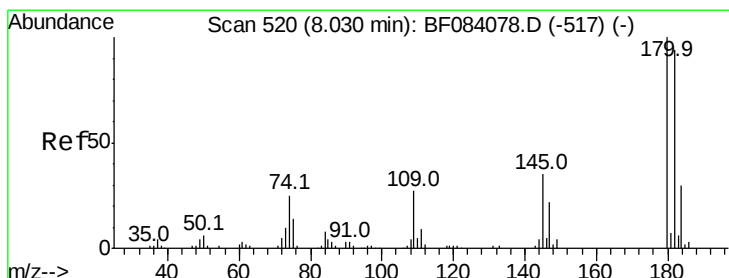
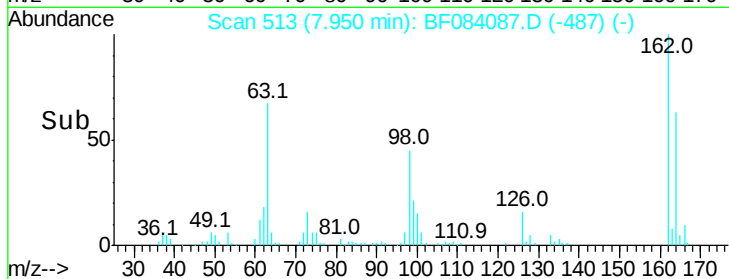
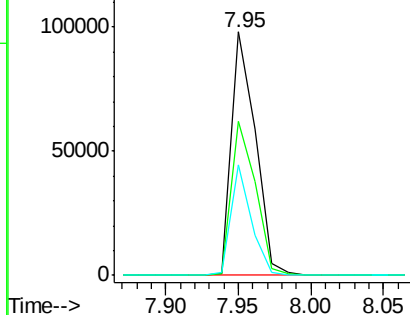
Tot Ion:	162	Resp:	112518
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.1	84.1
98	45.3	20.2	60.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.38 ng

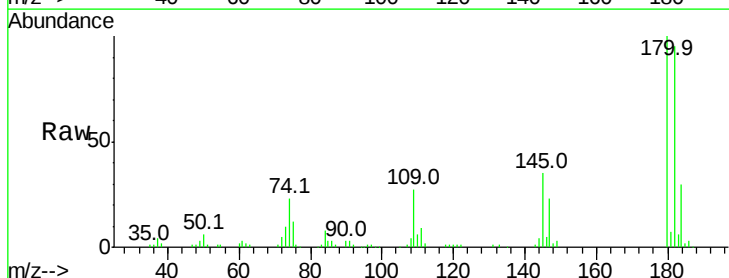
RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

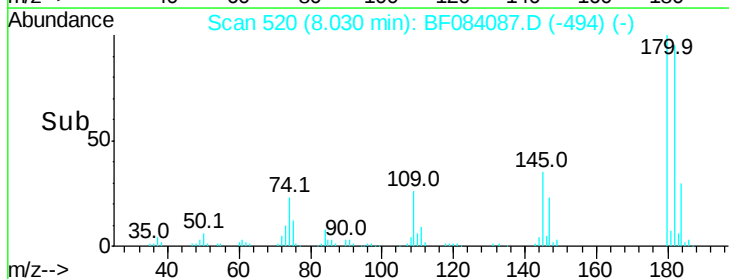
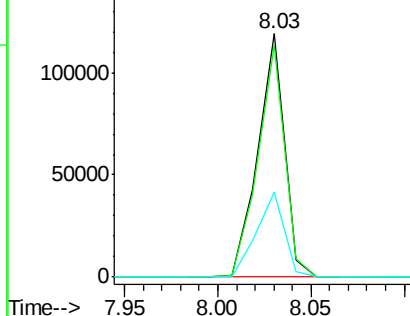
Lab File: BF084087.D

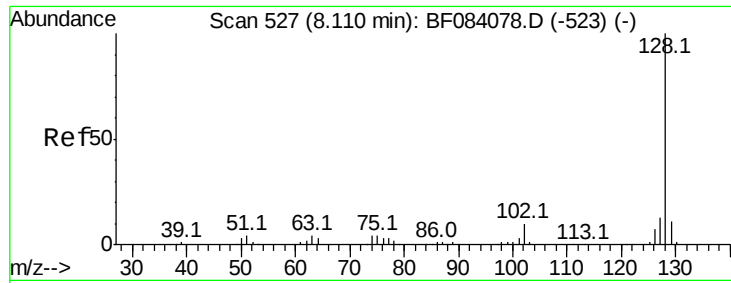
Acq: 24 Dec 2015 19:03

Tgt Ion:	180	Resp:	117557
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	34.8	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





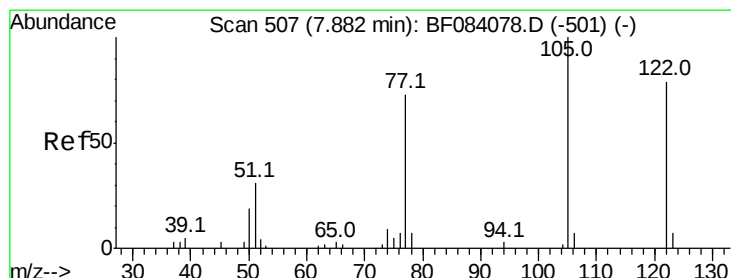
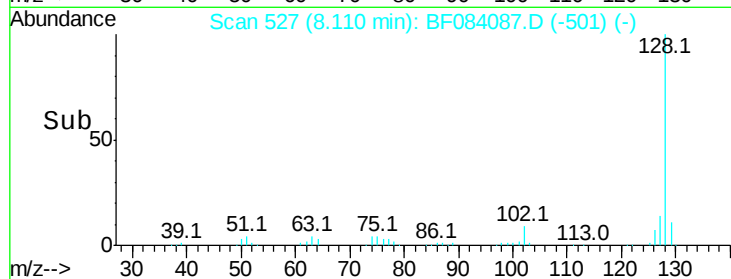
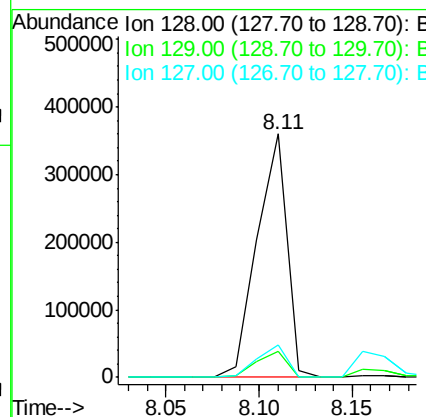
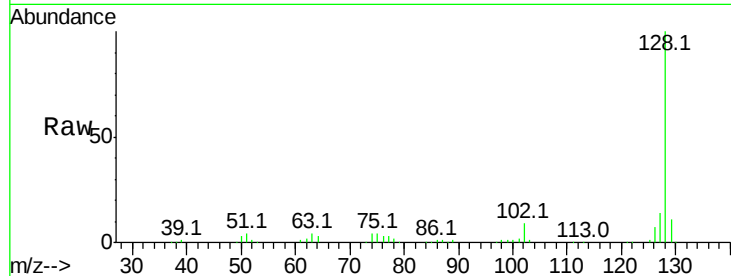
#31
Naphthalene
Concen: 39.98 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	9.1	13.7	
127	13.5	11.1	16.7	

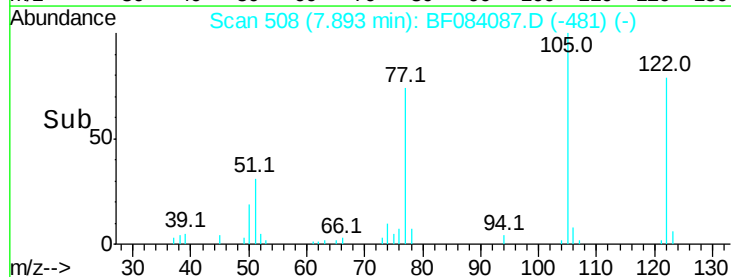
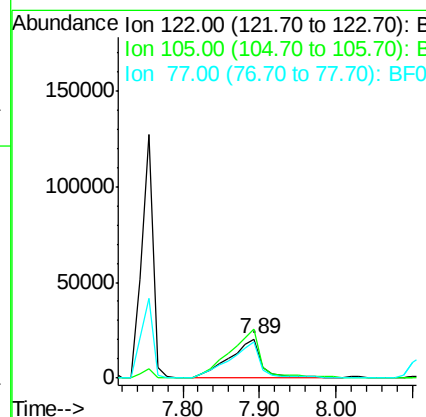
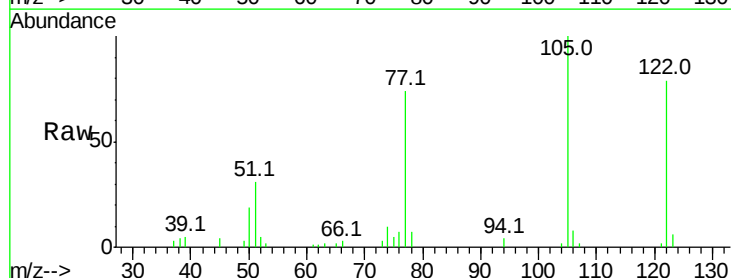
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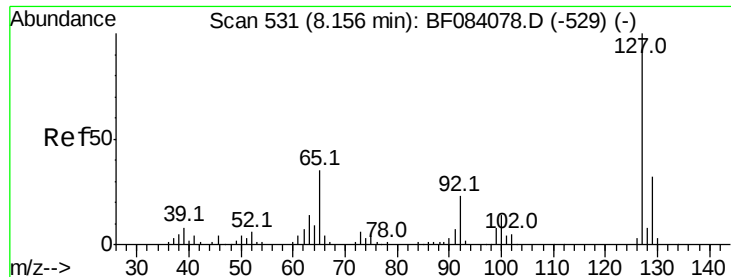
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#32
Benzoic acid
Concen: 43.28 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.9	100.3	140.3	
77	92.7	63.5	103.5	





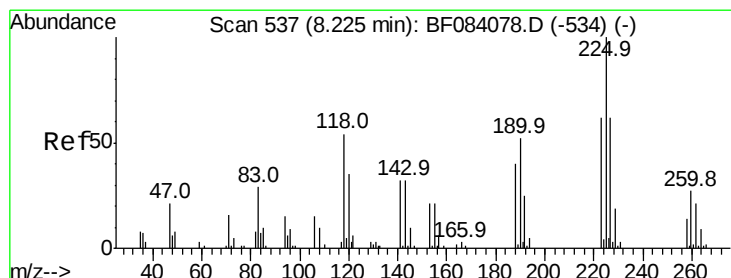
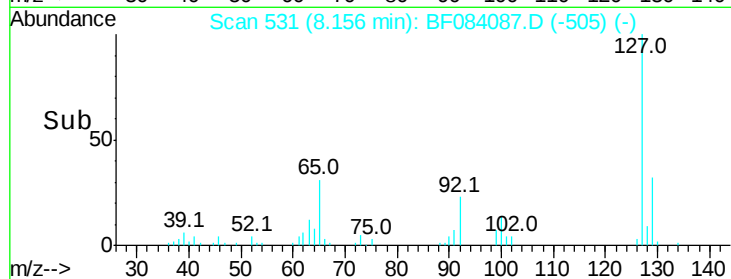
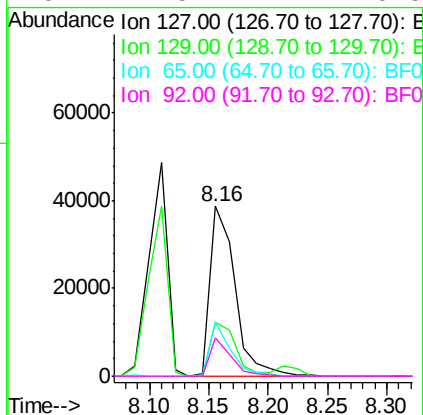
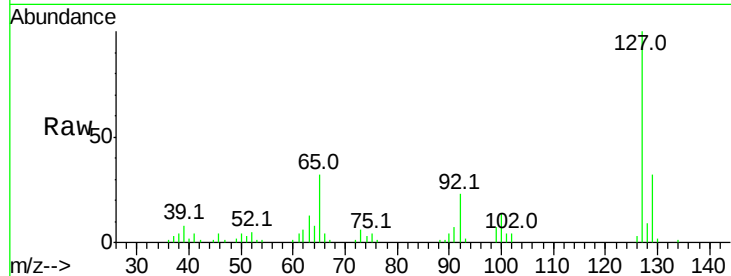
#33
4-Chloroaniline
Concen: 14.10 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	26.5	39.7	
65	31.7	27.2	40.8	
92	22.5	17.7	26.5	

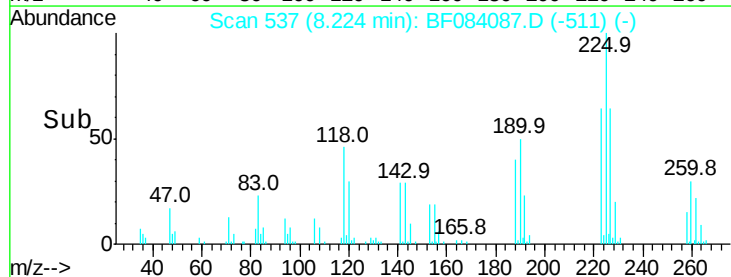
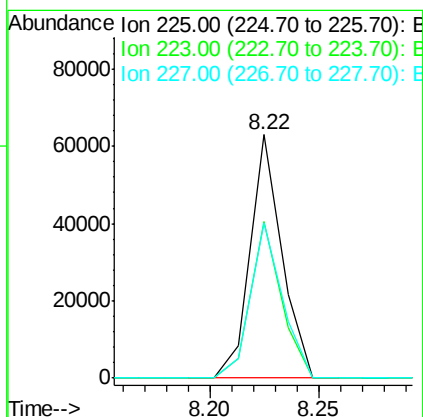
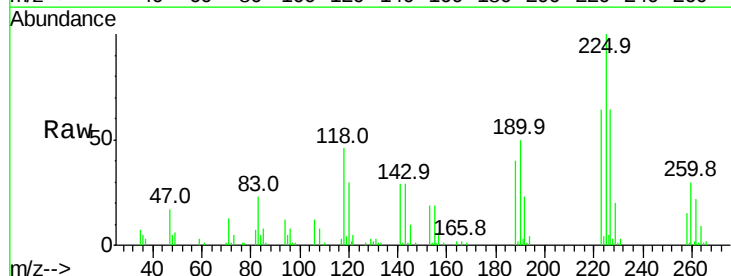
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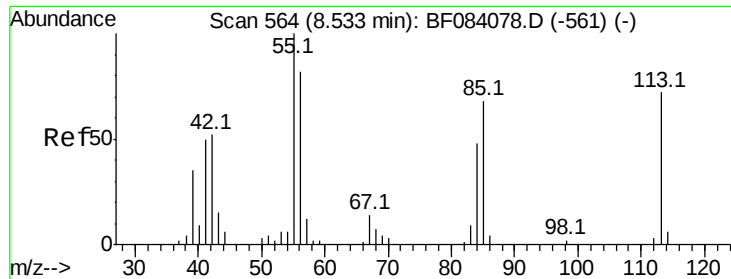
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#34
Hexachlorobutadiene
Concen: 37.56 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	49.4	74.0	
227	63.7	50.8	76.2	





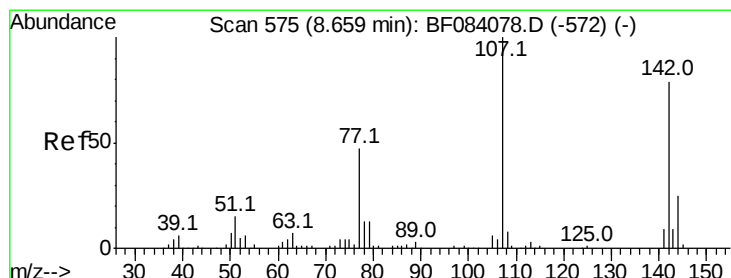
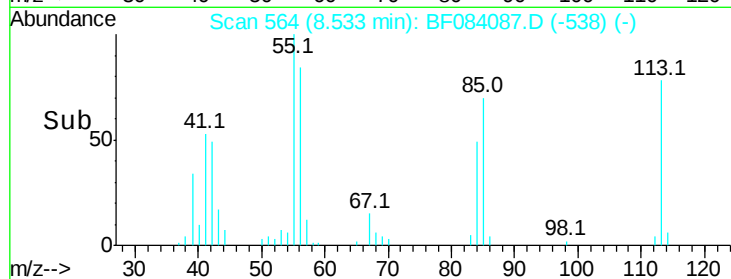
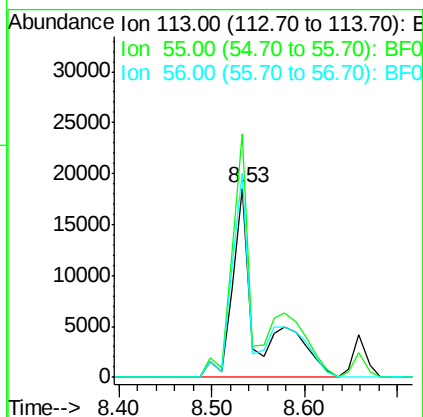
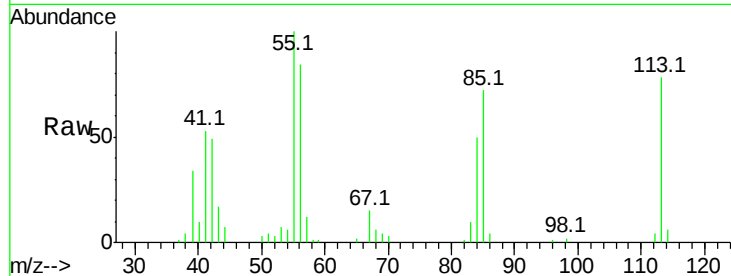
#35
 Caprolactam
 Concen: 48.15 ng/ml
 RT: 8.53 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	128.9	116.9	156.9
56	108.2	93.8	133.8

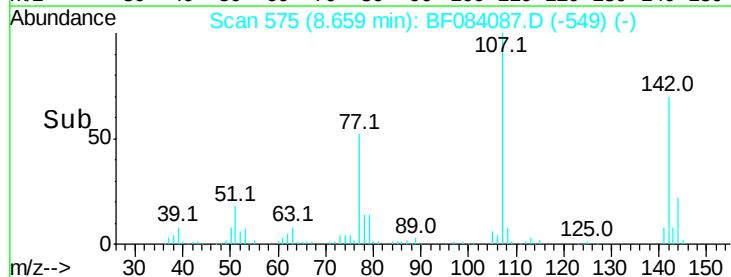
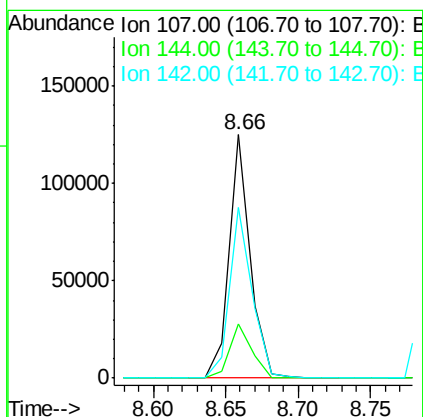
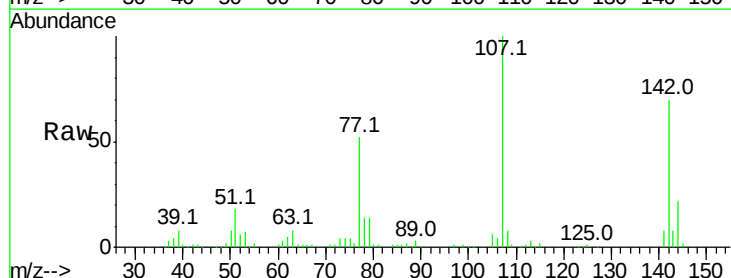
Manual Integrations
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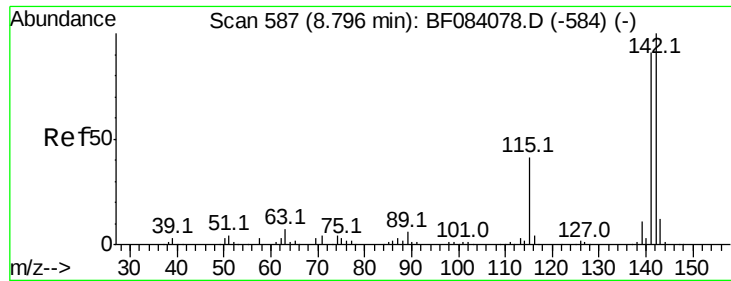
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#36
 4-Chloro-3-methylphenol
 Concen: 41.00 ng/ml
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	19.7	29.5
142	70.1	61.8	92.6





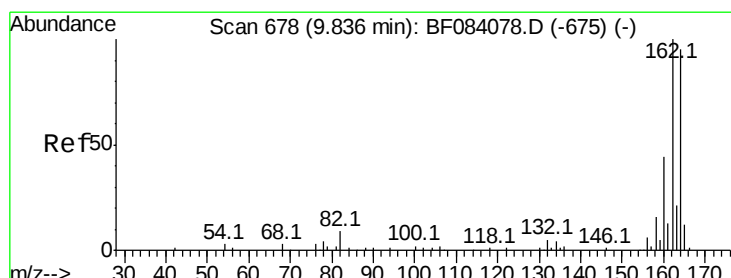
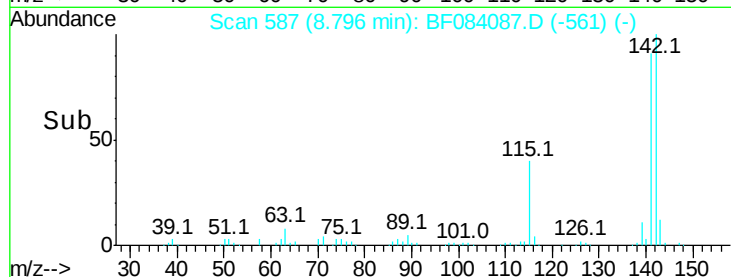
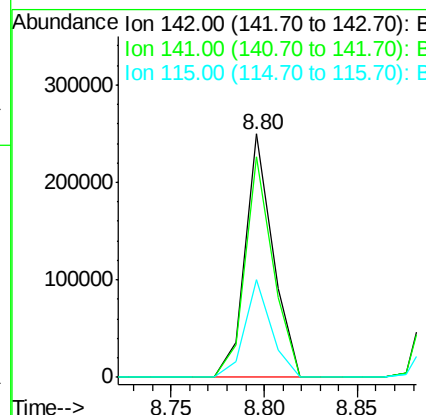
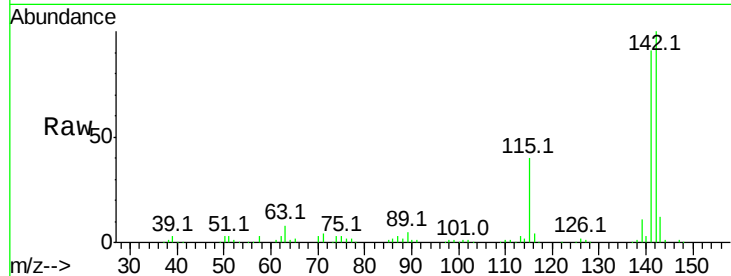
#37
 2-Methylnaphthalene
 Concen: 40.82 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	258784		
141	90.7	72.4	108.6	
115	40.1	27.9	41.9	

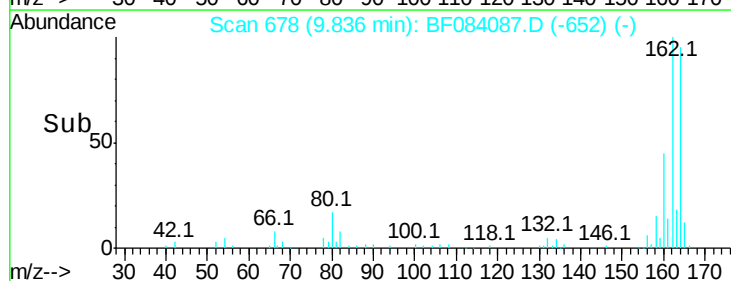
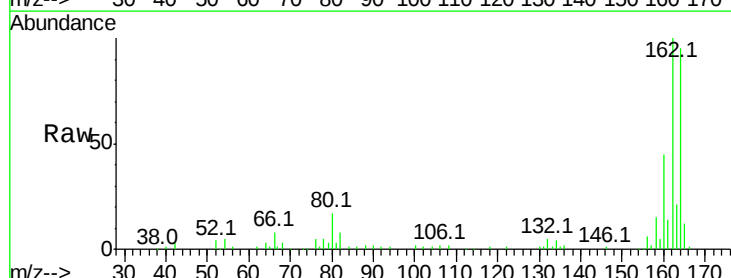
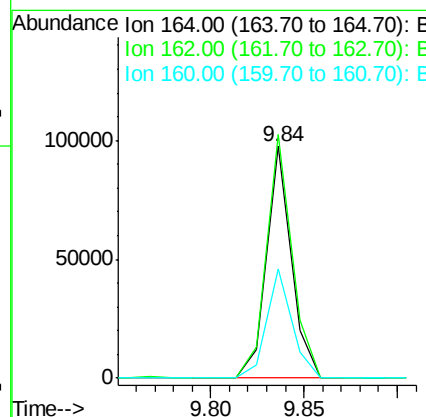
Manual Integrations
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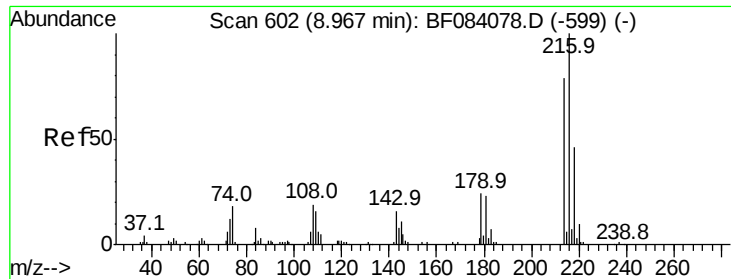
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89270		
162	105.2	85.1	127.7	
160	47.1	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.03 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

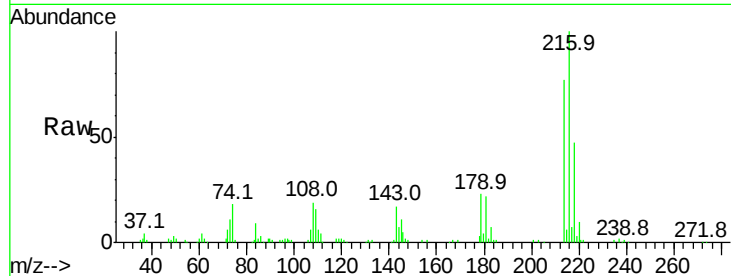
ClientSampleId :

PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	118286		
214	77.9	64.2	96.2	
179	23.6	18.7	28.1	
108	21.6	16.8	25.2	

Manual Integrations
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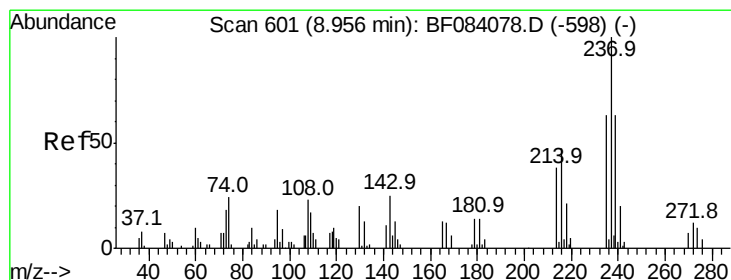
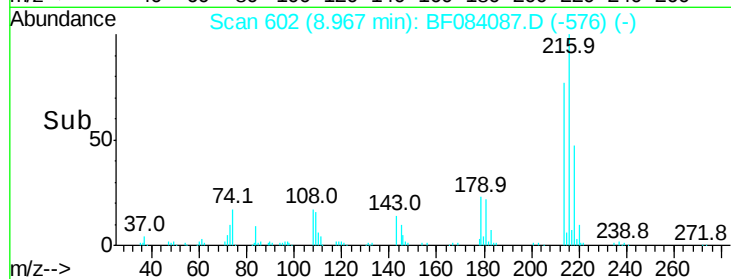
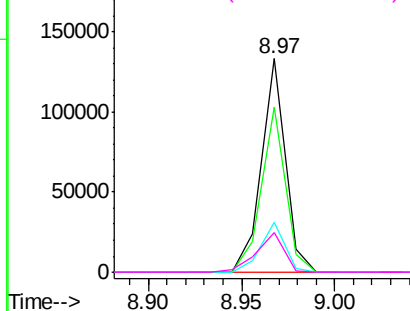


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.12 ng

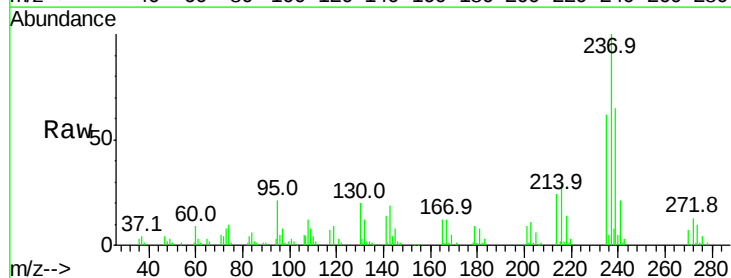
RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

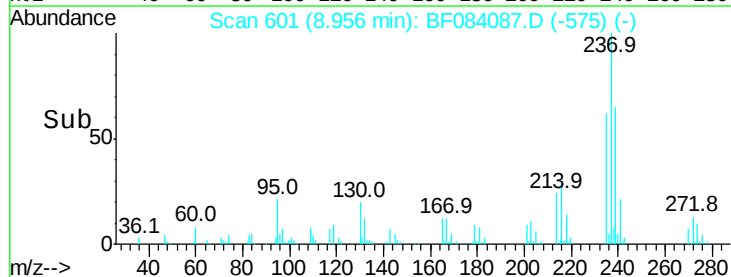
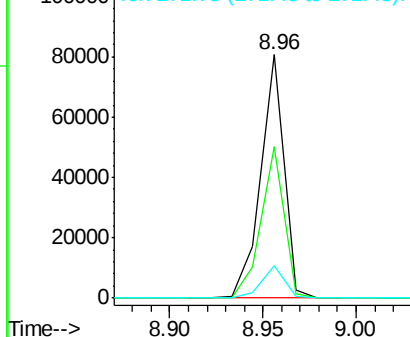
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	69211		
235	62.1	43.1	83.1	
272	13.3	0.0	35.1	

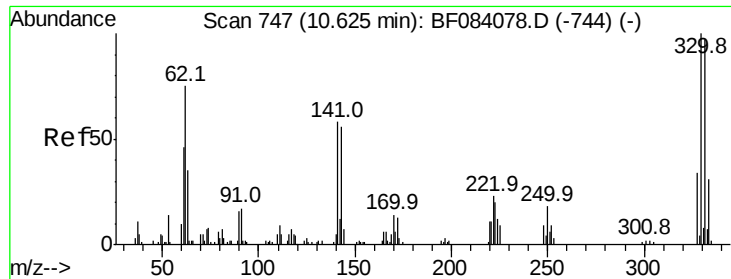


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





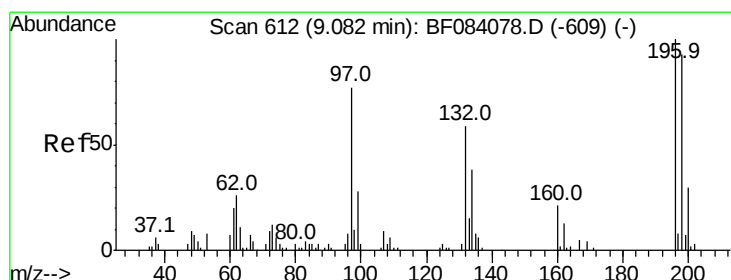
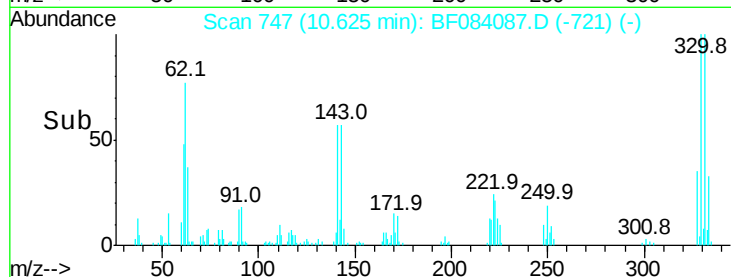
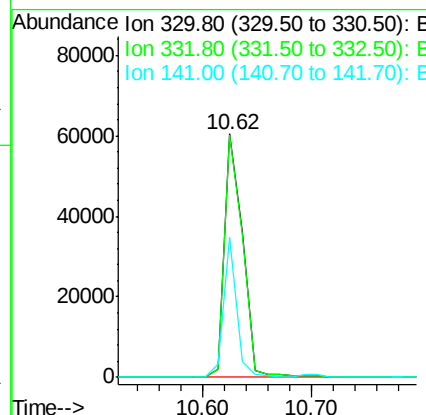
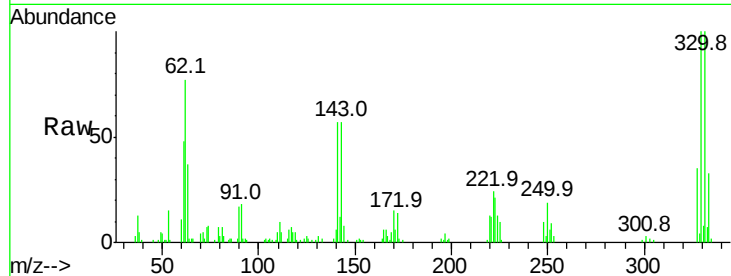
#41
 2,4,6-Tribromophenol
 Concen: 74.10 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	114.8
141	41.8	27.8	41.6

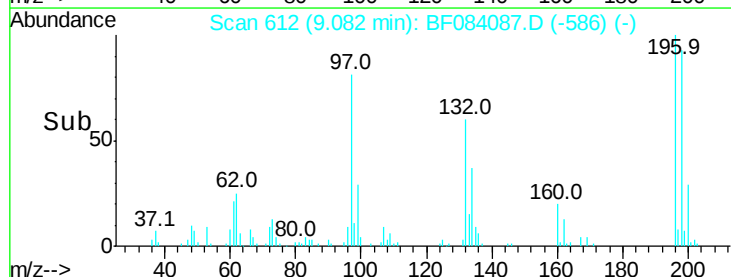
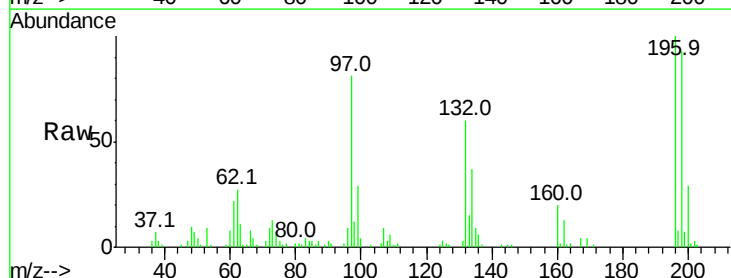
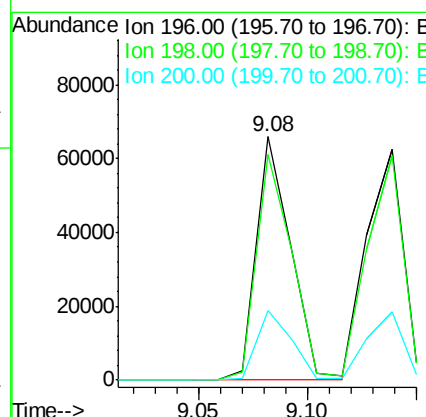
Manual Integrations
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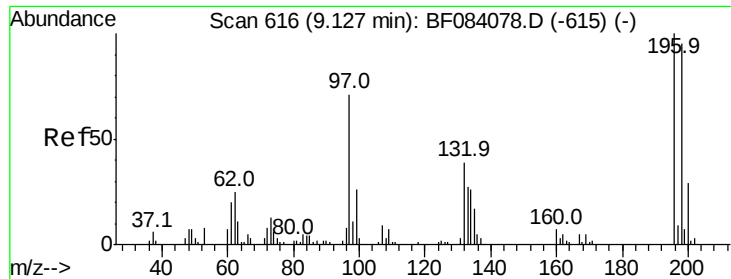
Sohil
 12/28/2015 1:09:47 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	77.7	116.5
200	28.7	24.6	37.0





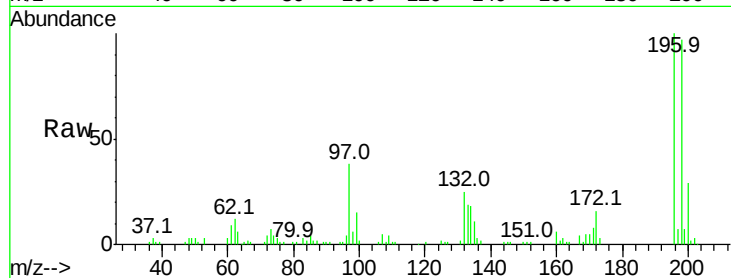
#43
 2,4,5-Trichlorophenol
 Concen: 41.29 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

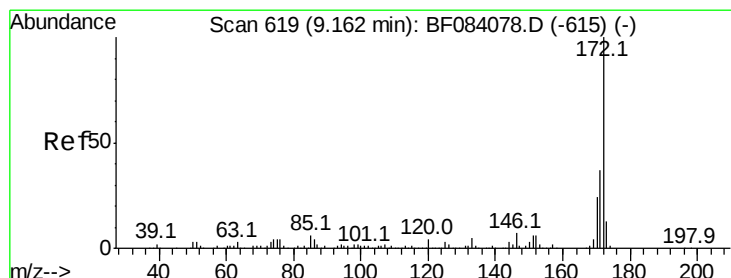
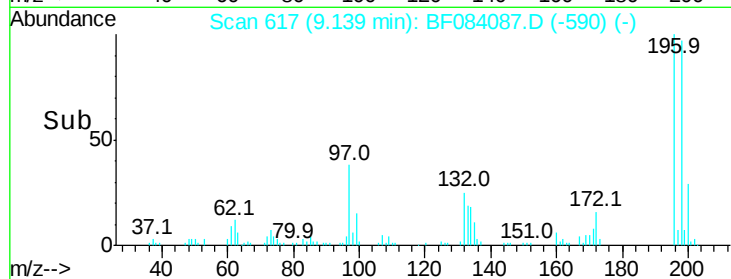
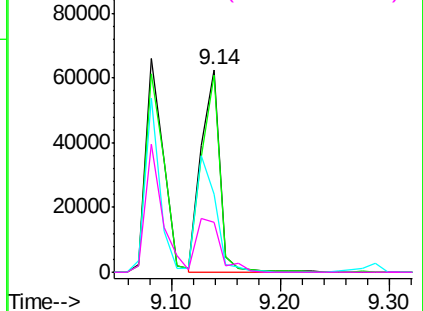
Tot Ion:	196	Resp:	75840
Ion Ratio	Lower	Upper	
196	100		
198	97.1	79.0	118.6
97	38.3	33.0	49.6
132	24.7	21.1	31.7

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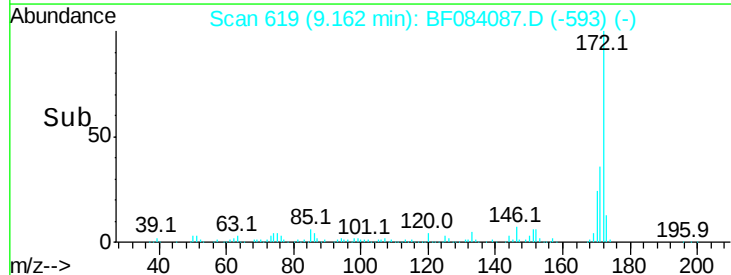
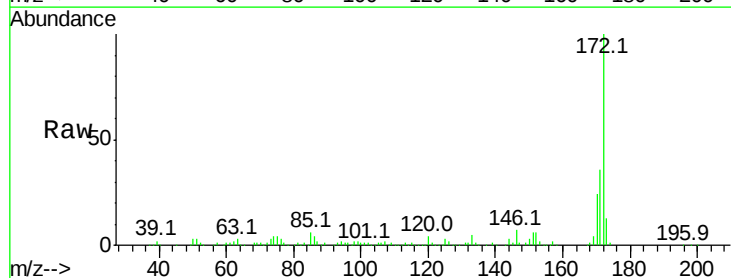
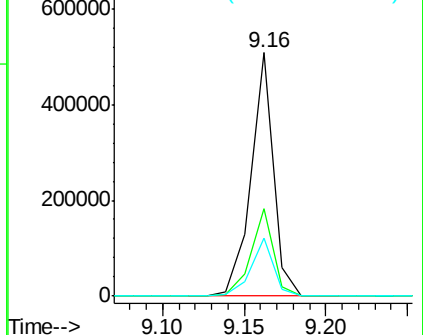
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

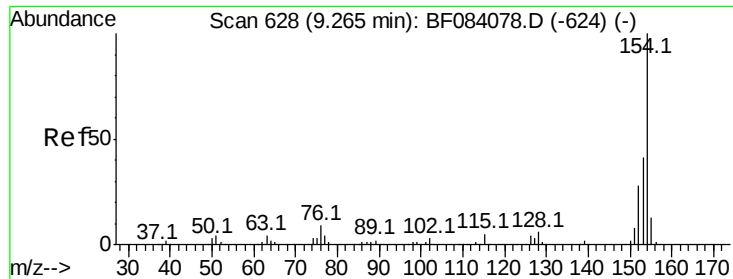


#44
 2-Fluorobiphenyl
 Concen: 74.38 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:	172	Resp:	485276
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.9	43.3
170	23.8	18.6	27.8

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





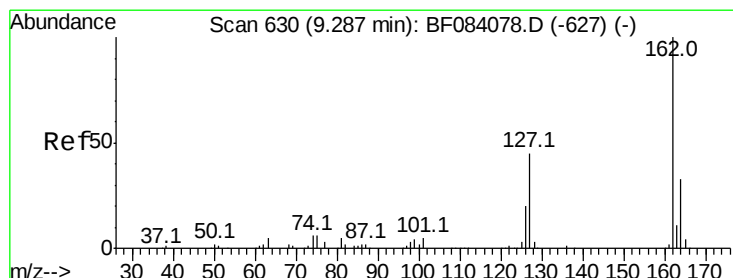
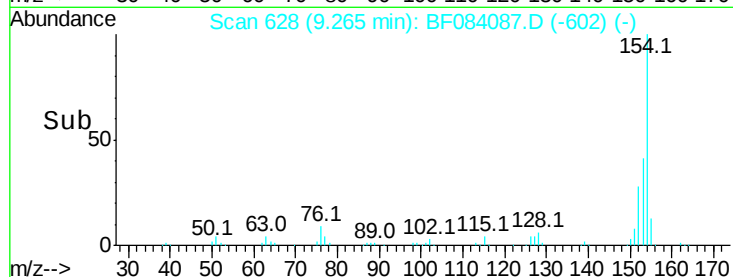
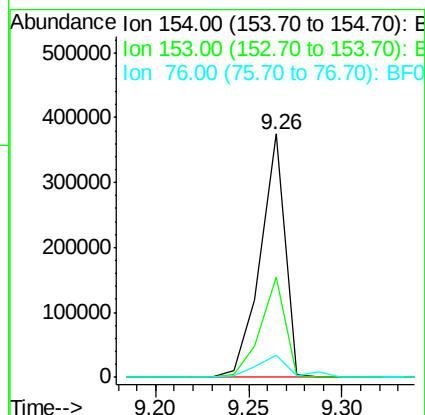
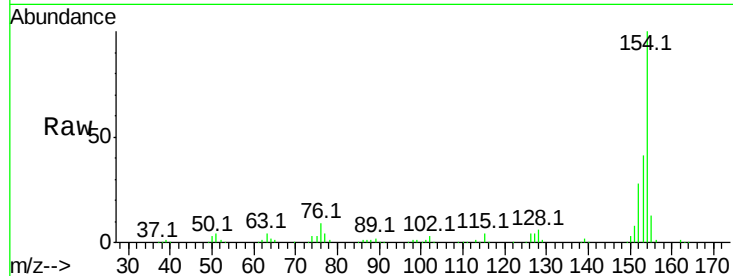
#45
 1,1'-Biphenyl
 Concen: 43.27 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion:	154	Resp:	348949
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.6	61.6
76	9.1	0.0	32.7

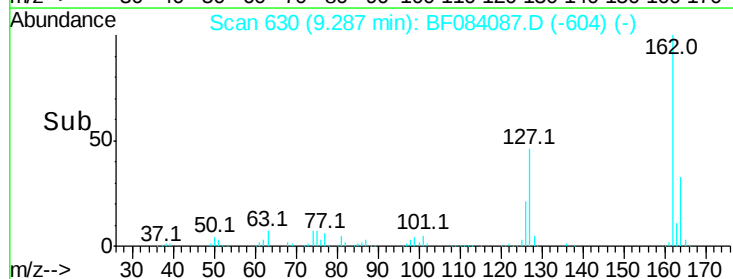
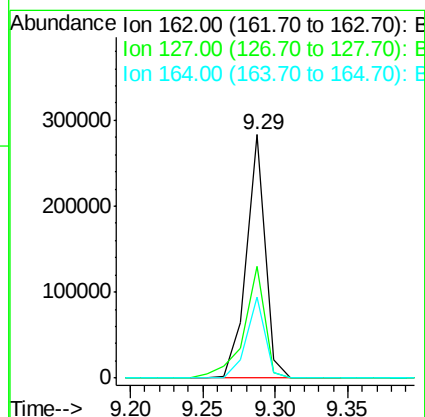
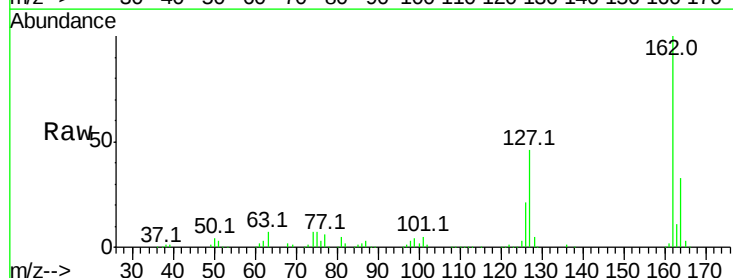
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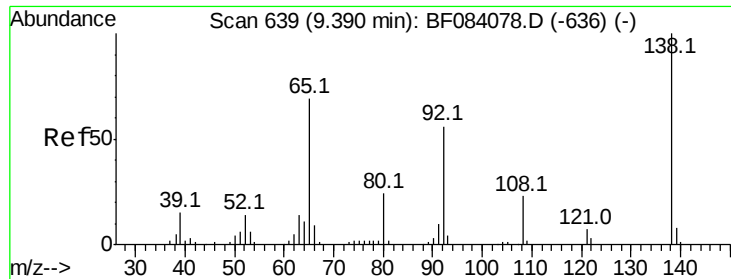
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#46
 2-Chloronaphthalene
 Concen: 41.64 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:	162	Resp:	255317
Ion Ratio	Lower	Upper	
162	100		
127	45.7	40.2	60.4
164	33.2	25.7	38.5





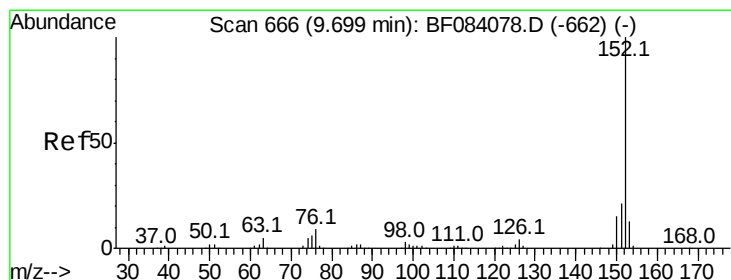
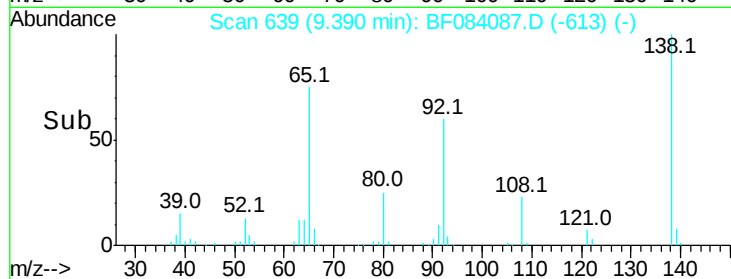
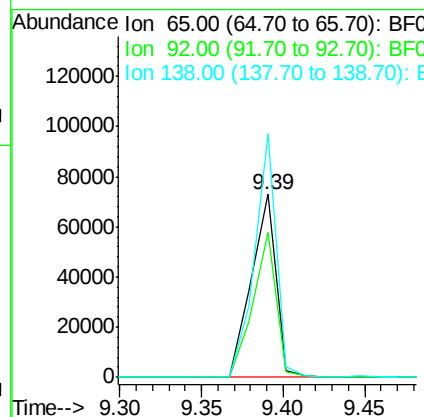
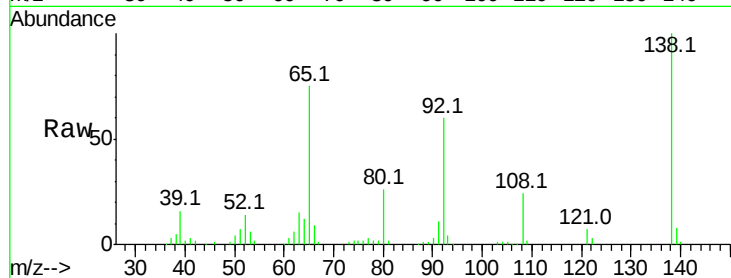
#47
 2-Nitroaniline
 Concen: 46.72 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.1	53.4	80.2
138	132.8	71.1	106.7

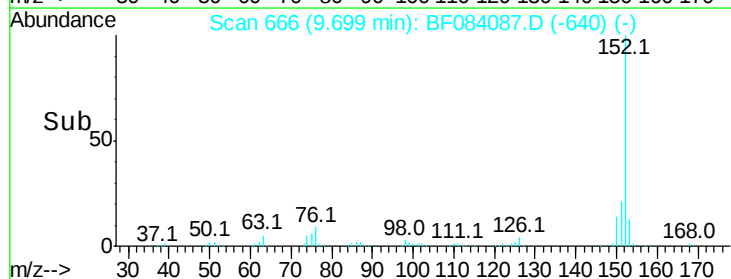
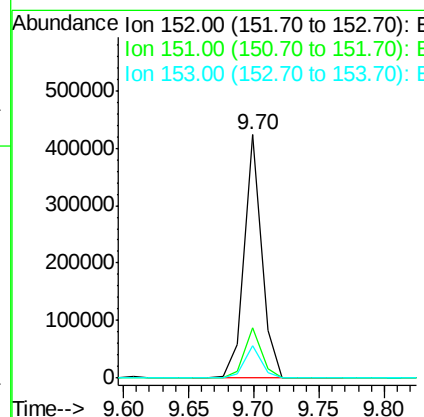
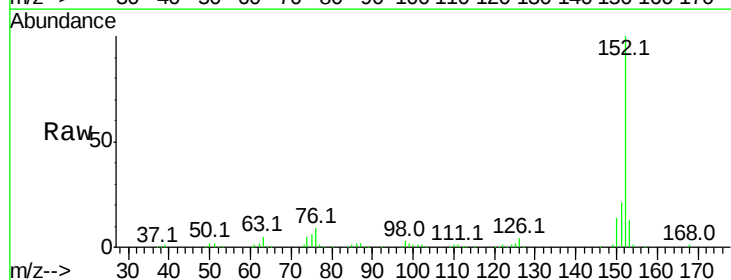
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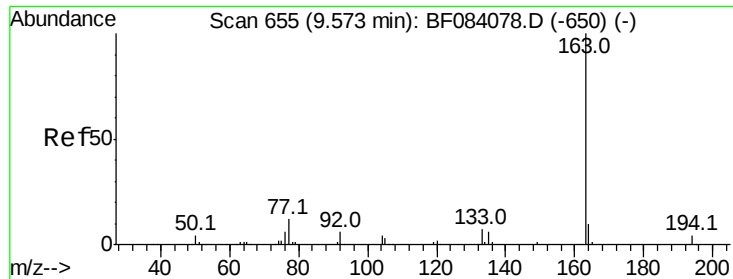
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#48
 Acenaphthylene
 Concen: 38.79 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.4	10.4	15.6





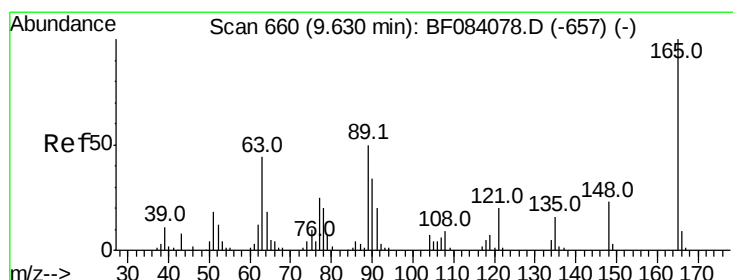
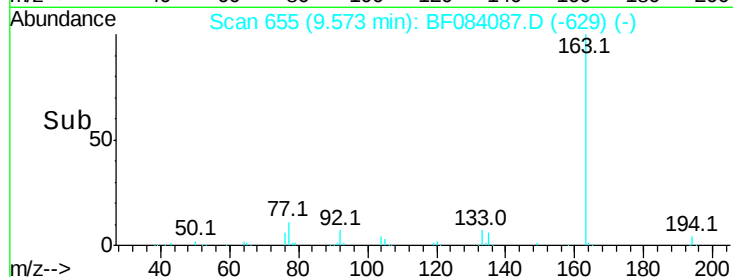
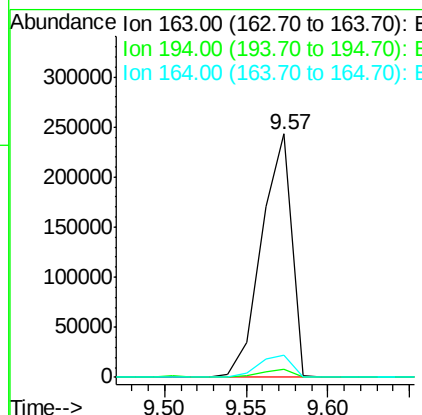
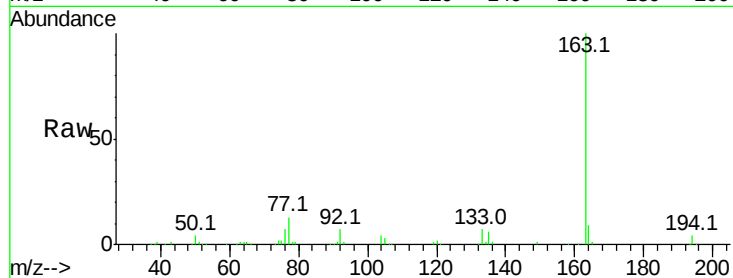
#49
Dimethylphthalate
Concen: 42.12 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	8.0	12.0#
164	9.3	8.0	12.0

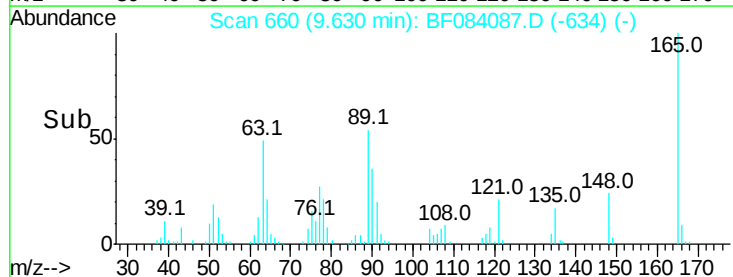
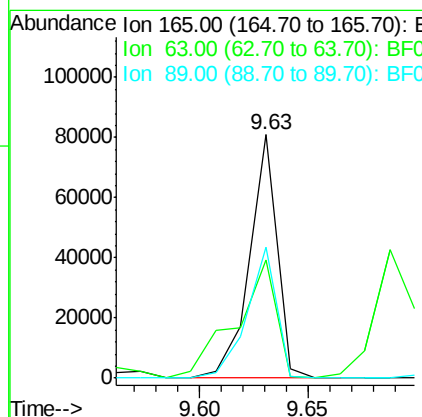
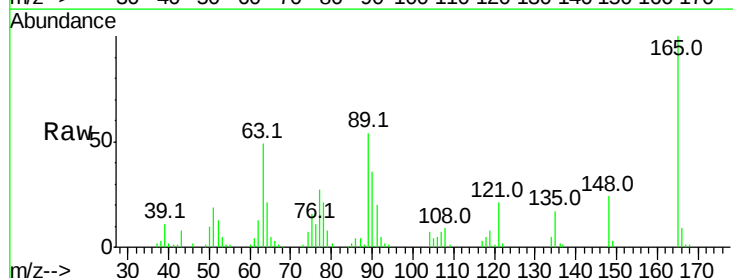
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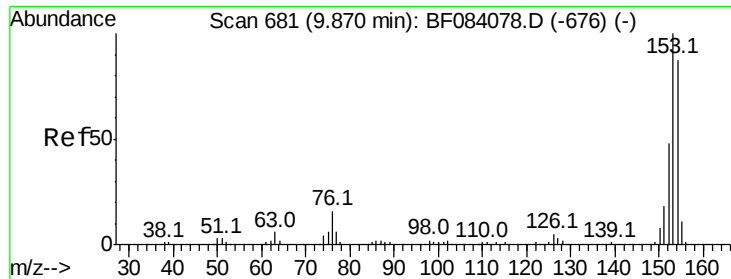
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#50
2,6-Dinitrotoluene
Concen: 45.20 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	48.6	28.8	43.2#
89	53.6	35.1	52.7#





#51

Acenaphthene

Concen: 38.79 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

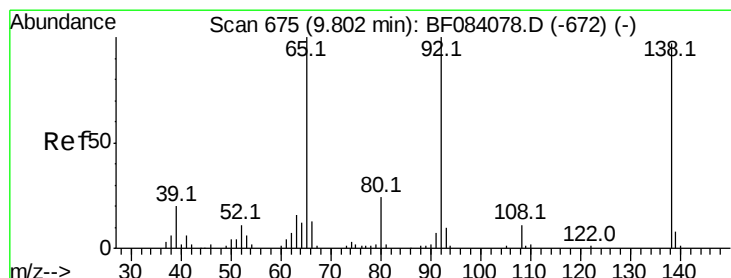
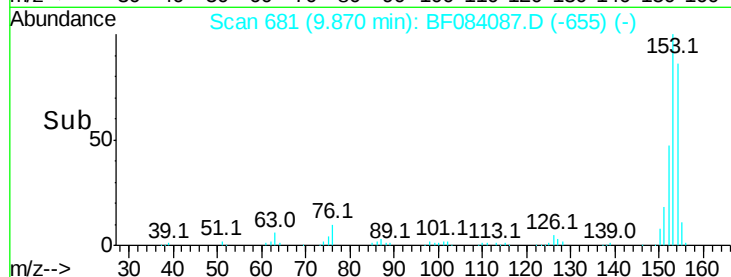
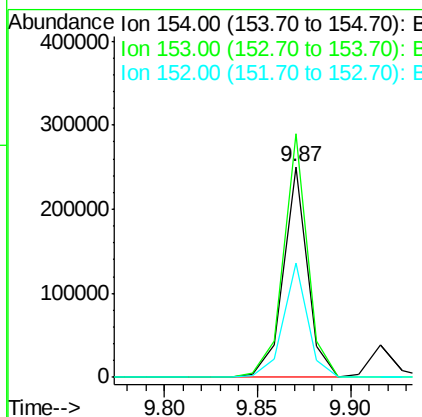
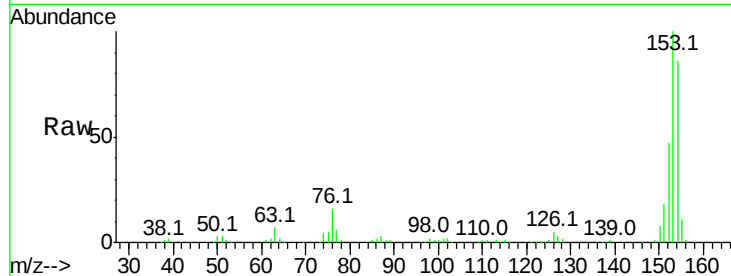
ClientSampleId :

PB87523BSD

Tot Ion:	154	Resp:	227128
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.5	137.3
152	54.5	43.0	64.6

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#52

3-Nitroaniline

Concen: 21.21 ng

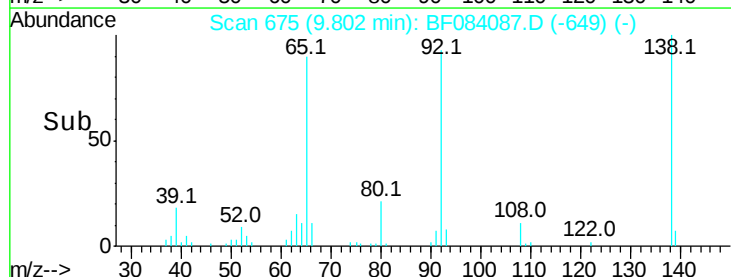
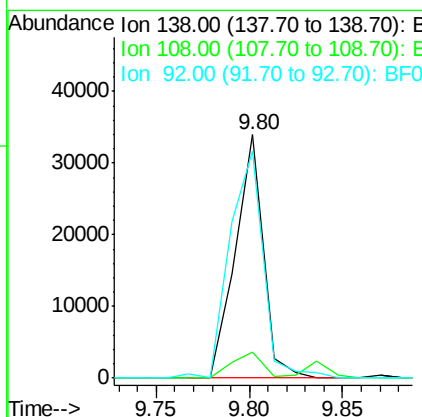
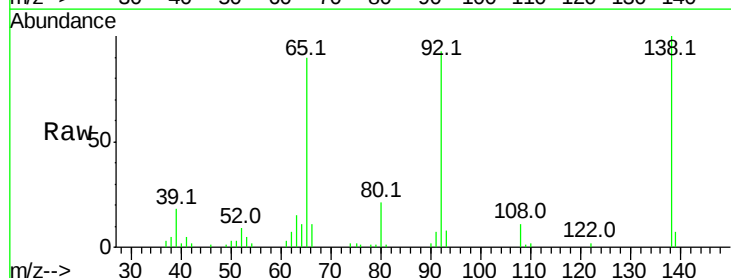
RT: 9.80 min Scan# 675

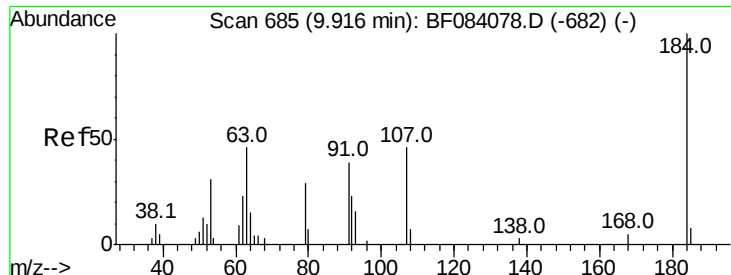
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	138	Resp:	35720
Ion Ratio	Lower	Upper	
138	100		
108	10.8	10.5	15.7
92	93.2	103.9	155.9#





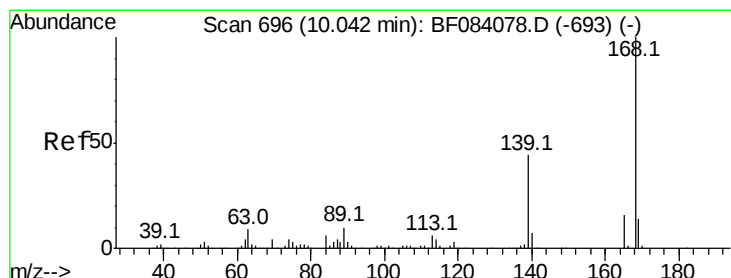
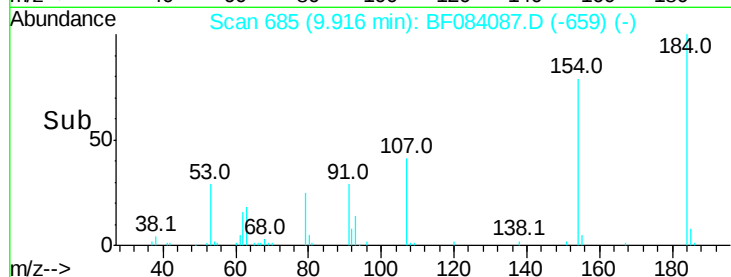
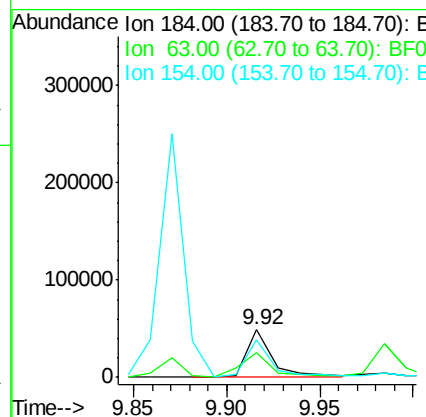
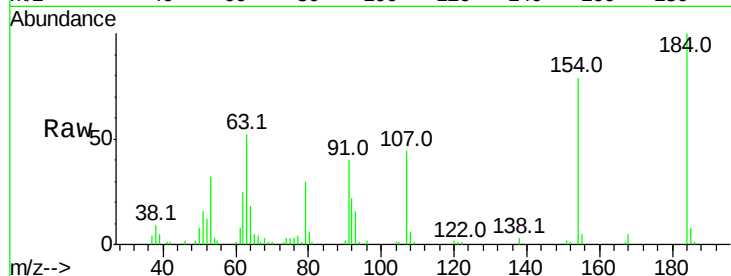
#53
 2,4-Dinitrophenol
 Concen: 79.70 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.1	43.1	64.7	
154	79.3	60.5	90.7	

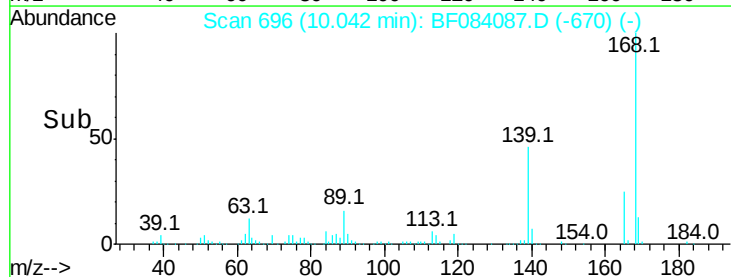
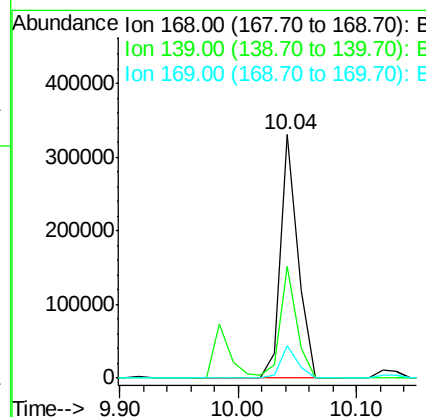
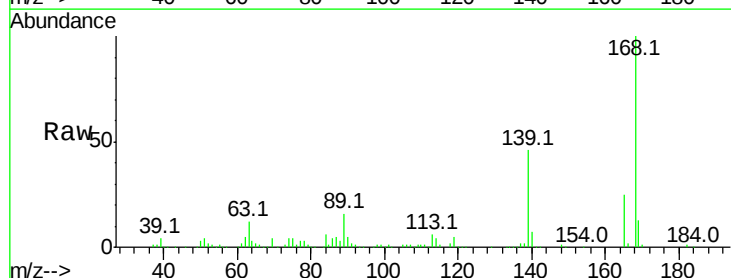
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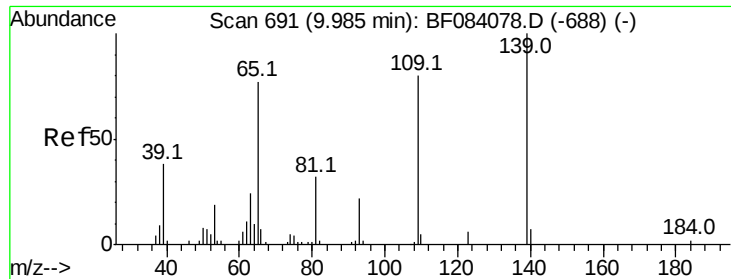
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#54
 Dibenzofuran
 Concen: 41.27 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	46.1	30.5	45.7#	
169	13.3	10.4	15.6	





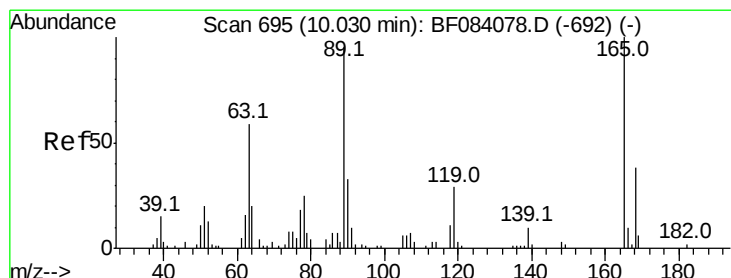
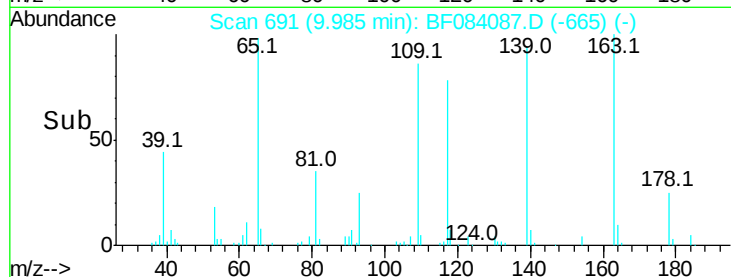
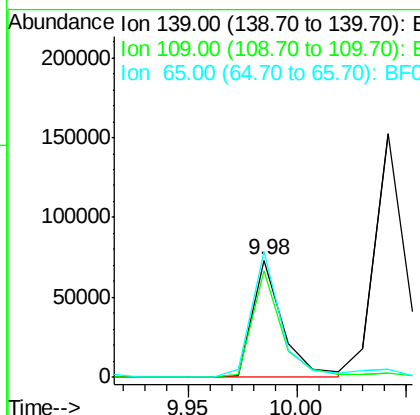
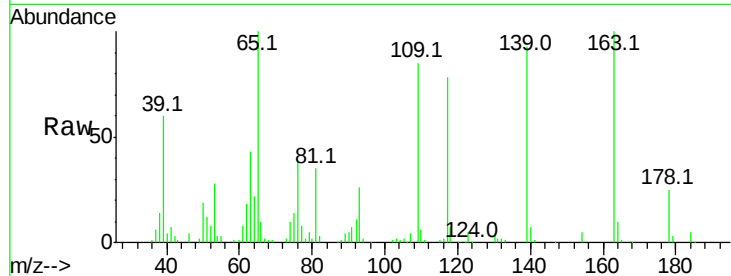
#55
4-Nitrophenol
Concen: 82.84 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	71215		
109	91.3	58.5	98.5	
65	107.1	57.6	97.6	

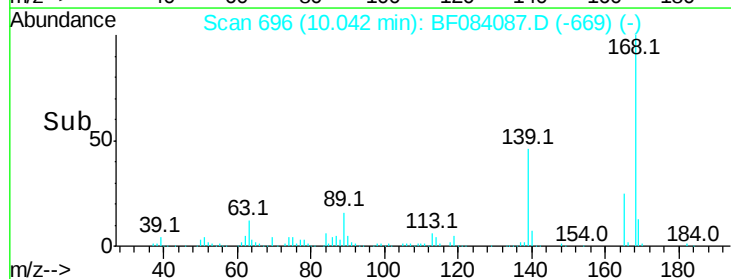
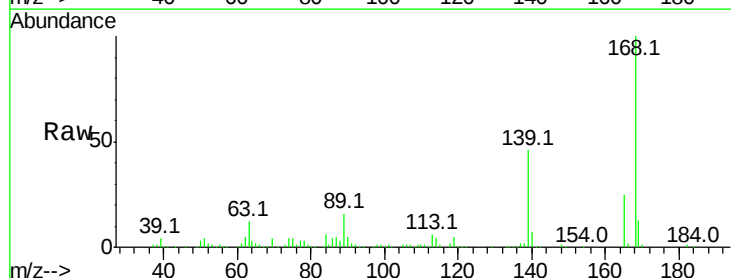
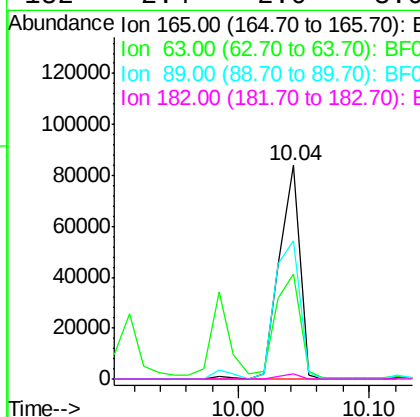
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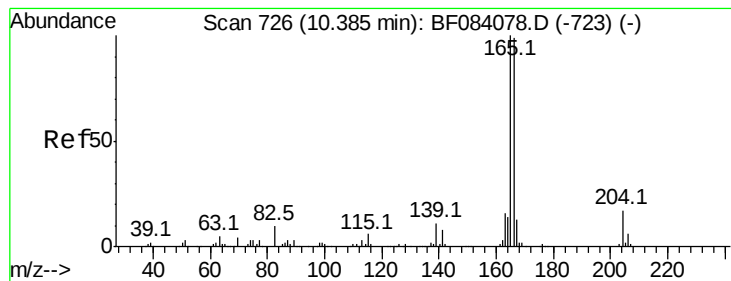
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#56
2,4-Dinitrotoluene
Concen: 44.36 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91903		
63	49.0	36.7	55.1	
89	64.6	61.9	92.9	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 39.18 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

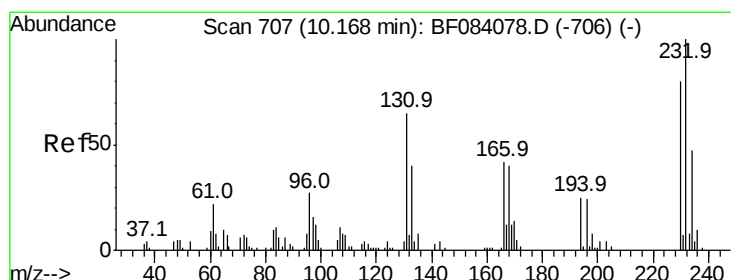
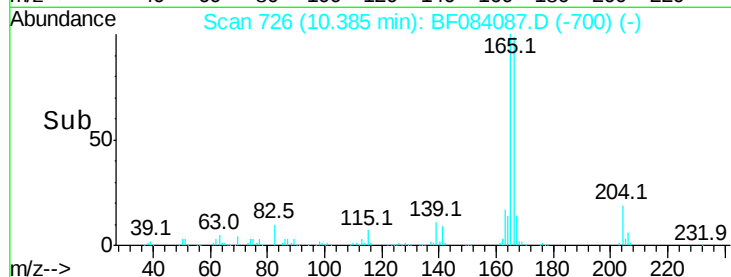
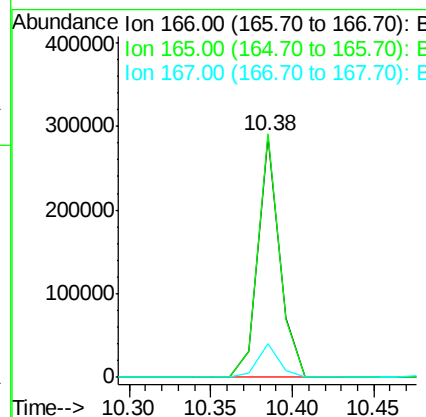
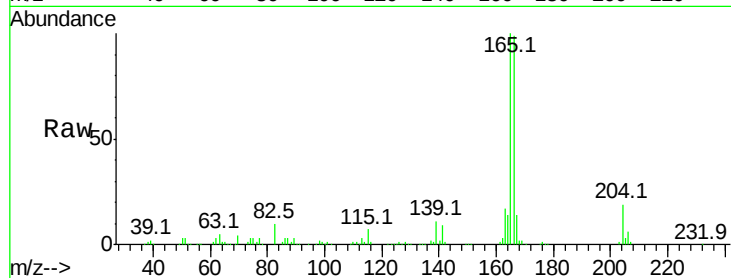
ClientSampleId :

PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	268163		
165	100.8	79.1	118.7	
167	14.0	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.15 ng

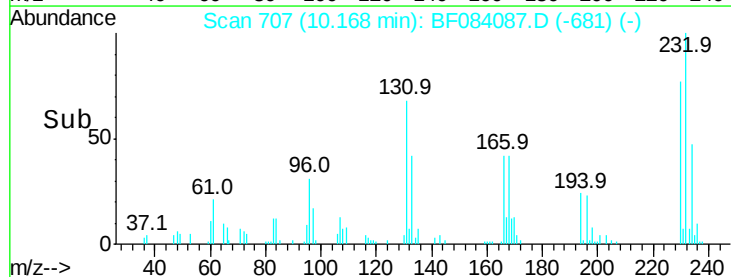
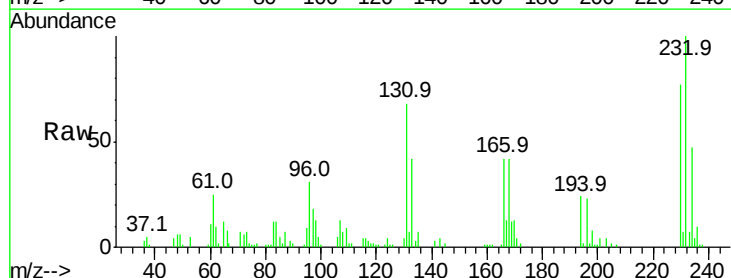
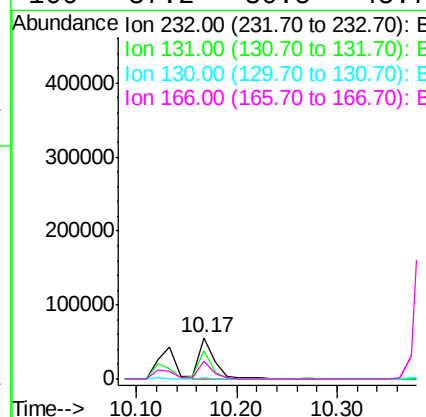
RT: 10.17 min Scan# 707

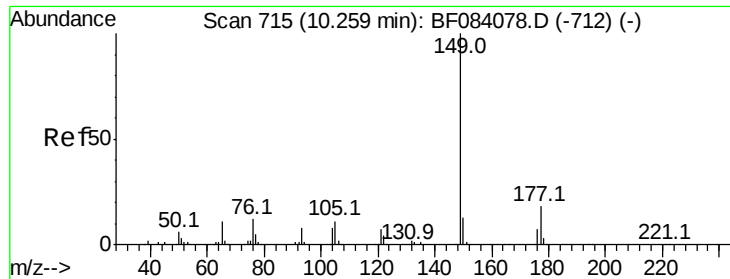
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	59111		
131	61.8	47.0	70.6	
130	2.9	2.0	3.0	
166	37.2	30.5	45.7	





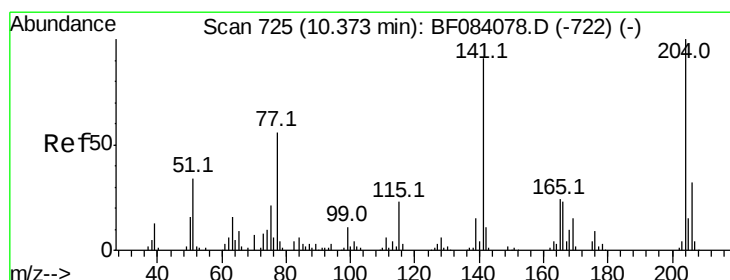
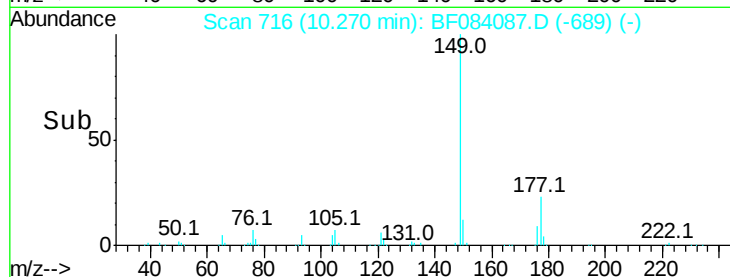
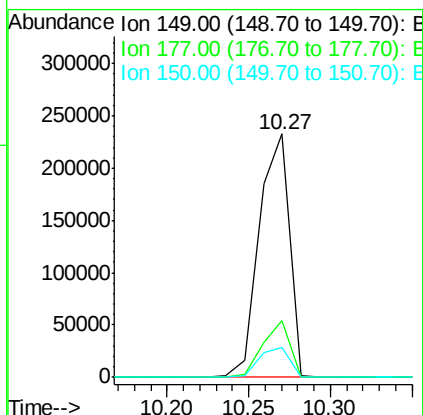
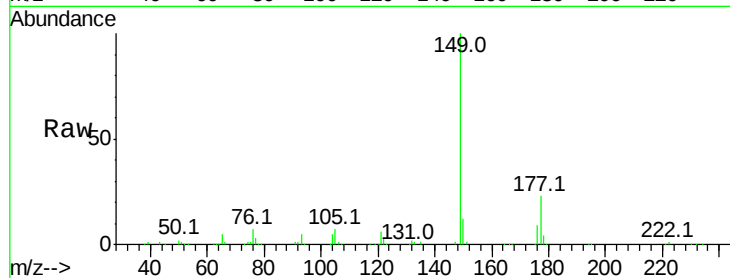
#59
Diethylphthalate
Concen: 39.84 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	299205		
177	23.3	17.3	25.9	
150	12.4	9.8	14.8	

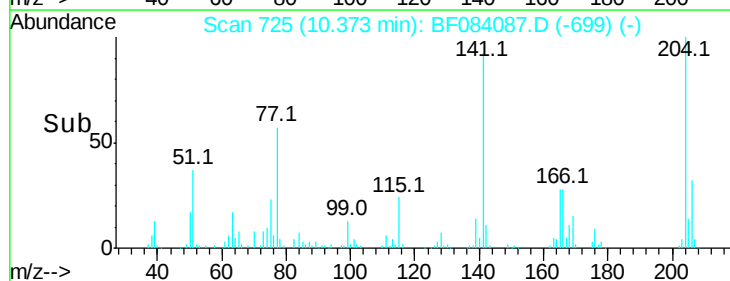
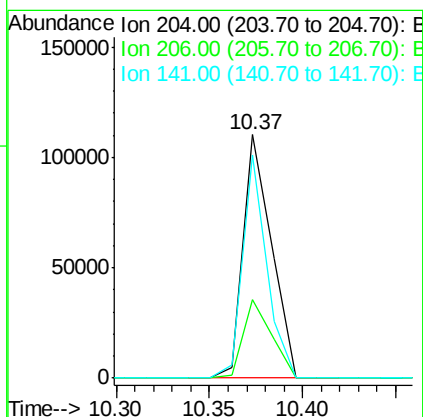
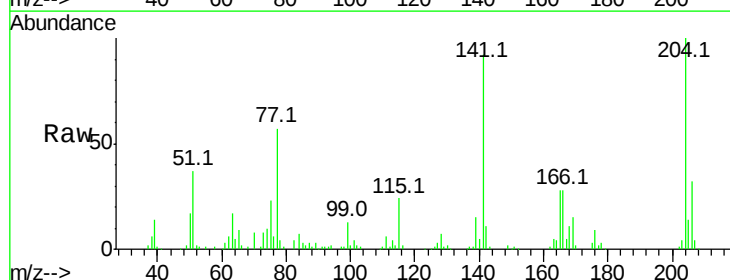
Manual Integrations
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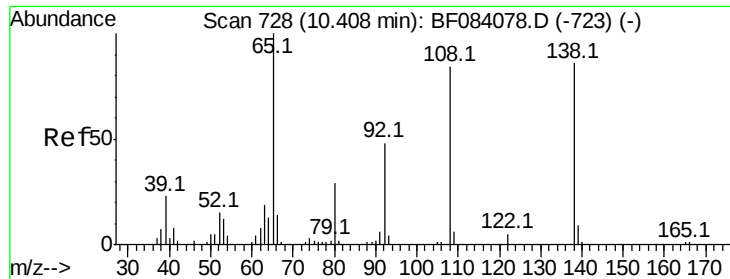
Sohil
12/28/2015 1:09:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.88 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	116432		
206	32.3	25.7	38.5	
141	91.8	55.1	82.7	





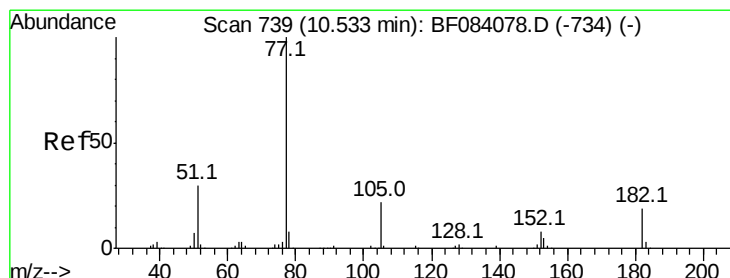
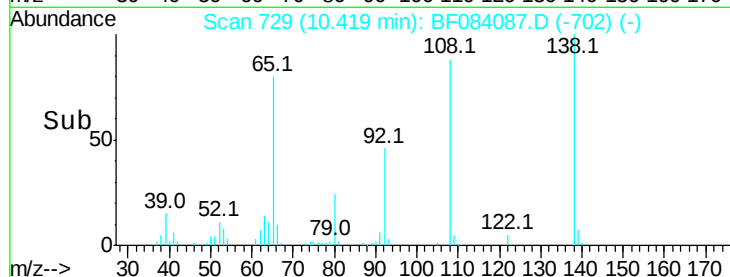
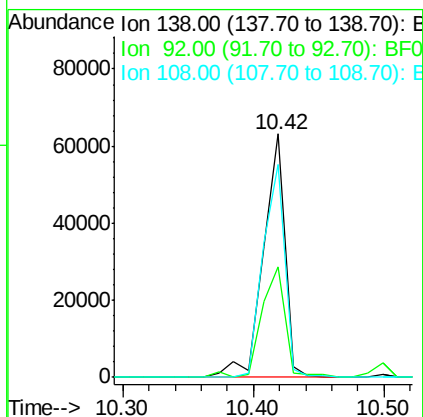
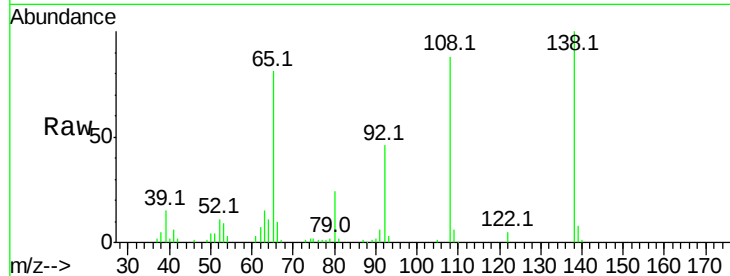
#61
4-Nitroaniline
Concen: 47.27 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	32.6	72.6
108	87.7	68.6	108.6

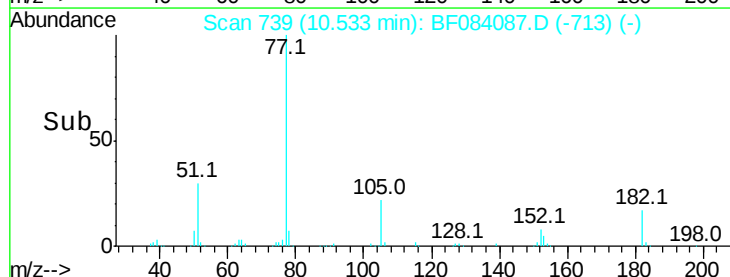
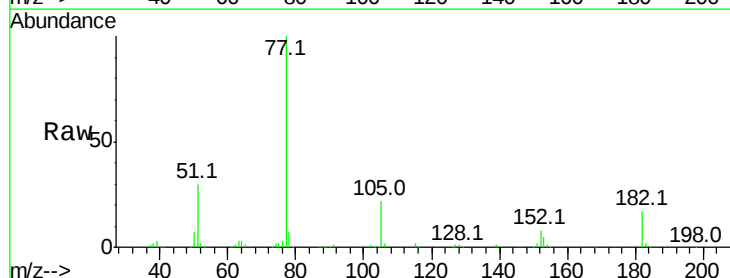
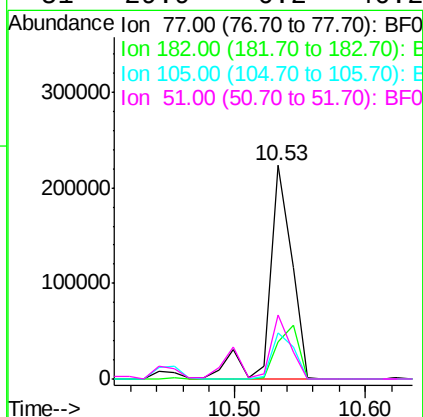
Manual Integrations
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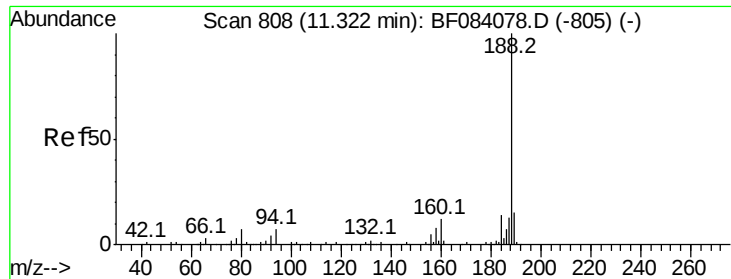
Sohil
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#62
Azobenzene
Concen: 43.96 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.2	8.3	48.3
105	21.9	4.6	44.6
51	29.9	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

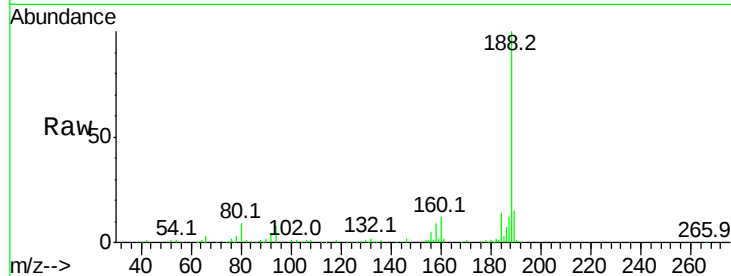
ClientSampleId :

PB87523BSD

Tot Ion:	188	Resp:	165494
Ion Ratio	Lower	Upper	
188	100		
94	8.3	9.0	13.4#
80	8.5	9.6	14.4#

Manual Integrations
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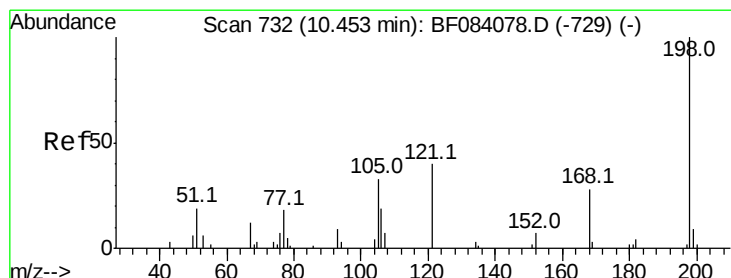
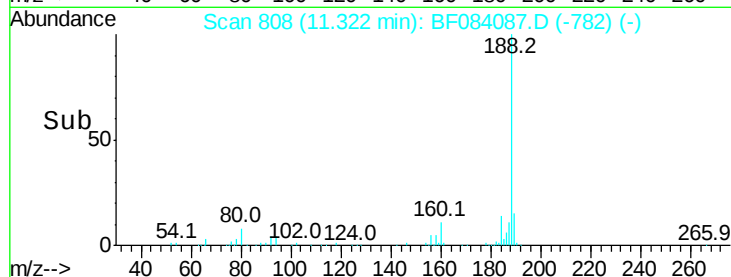
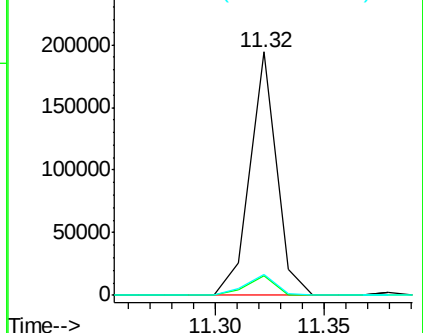
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.80 ng

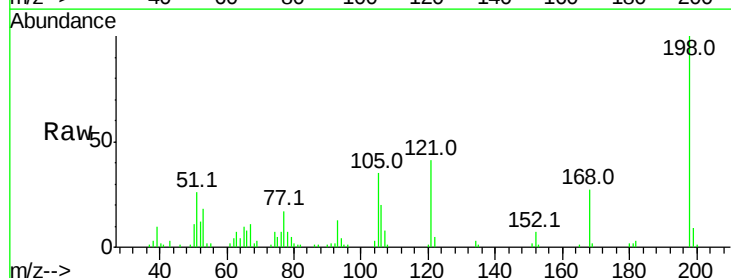
RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

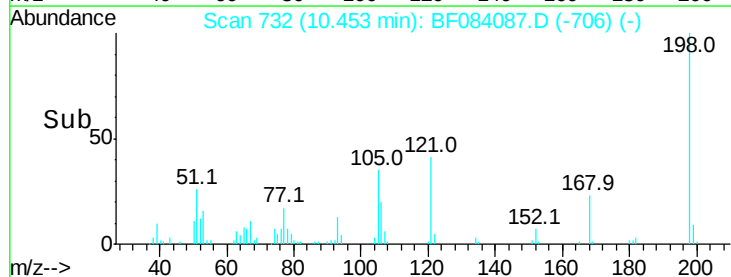
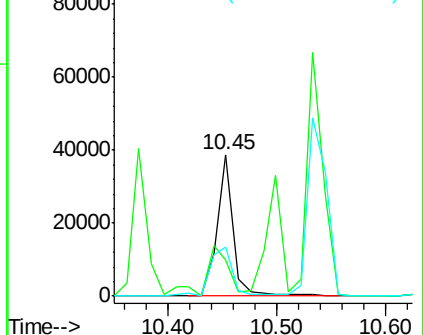
Tgt Ion:	198	Resp:	40232
Ion Ratio	Lower	Upper	
198	100		
51	26.1	18.9	58.9
105	34.9	26.4	66.4

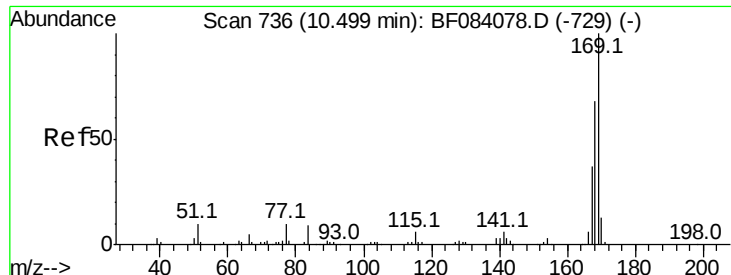


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.80 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

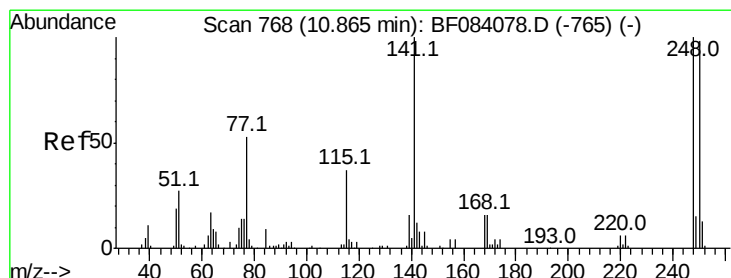
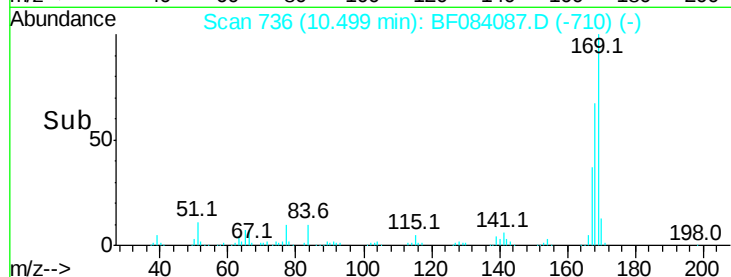
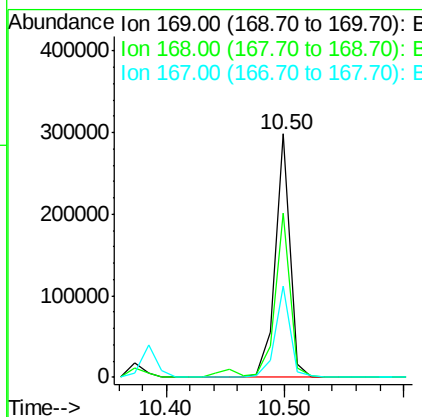
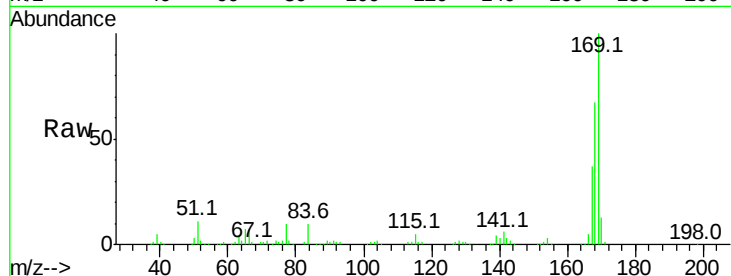
ClientSampleId :

PB87523BSD

Tot Ion:	169	Resp:	258379
Ion Ratio	Lower	Upper	
169	100		
168	67.4	55.1	82.7
167	37.2	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 42.03 ng

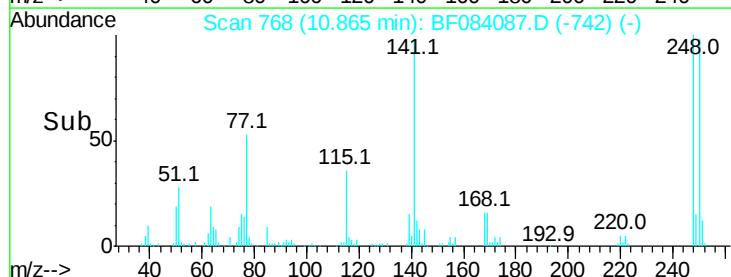
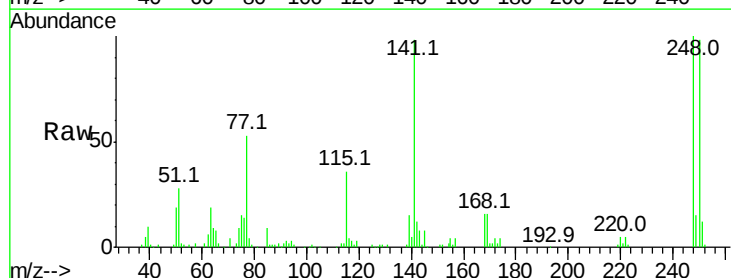
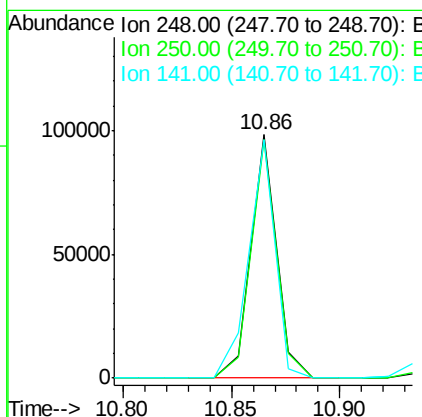
RT: 10.86 min Scan# 768

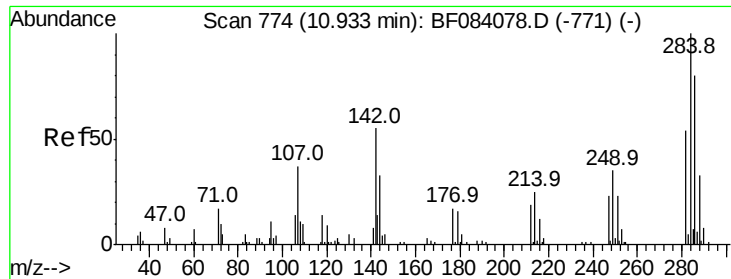
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	248	Resp:	80580
Ion Ratio	Lower	Upper	
248	100		
250	98.2	78.4	117.6
141	97.8	44.0	66.0#





#67

Hexachlorobenzene

Concen: 40.33 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

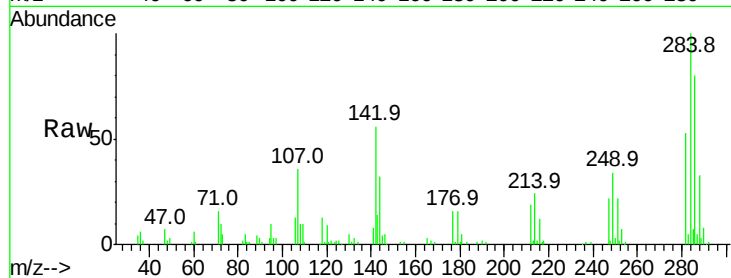
ClientSampleId :

PB87523BSD

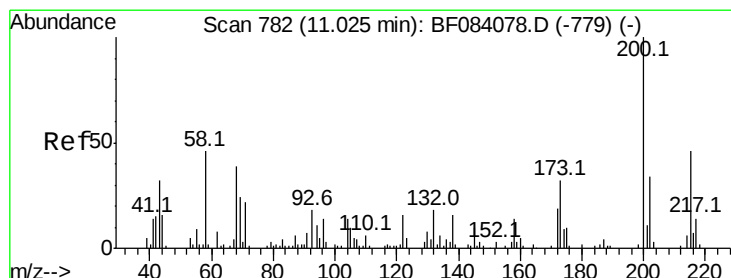
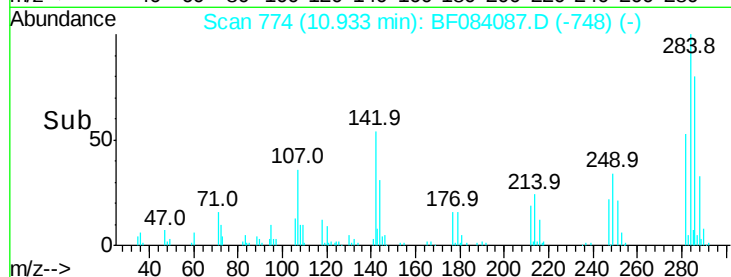
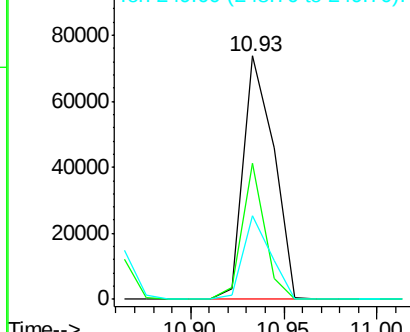
Tot Ion:	284	Resp:	84646
Ion Ratio	Lower	Upper	
284	100		
142	55.7	22.2	33.4#
249	34.2	24.6	37.0

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



#68

Atrazine

Concen: 40.05 ng

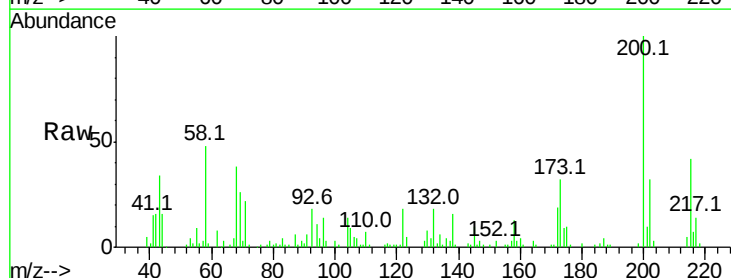
RT: 11.02 min Scan# 782

Delta R.T. -0.00 min

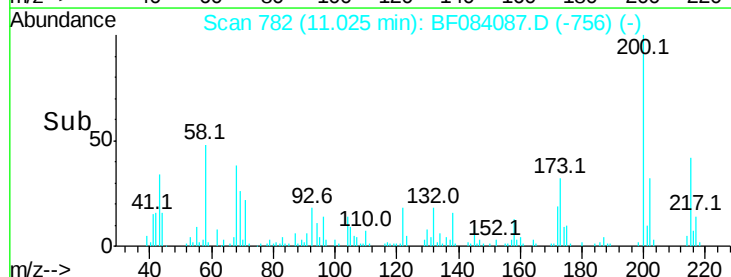
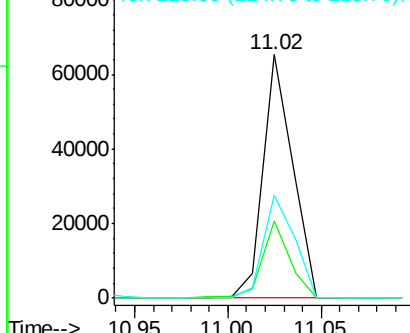
Lab File: BF084087.D

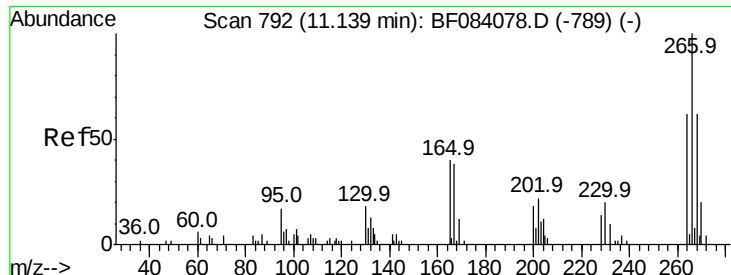
Acq: 24 Dec 2015 19:03

Tgt Ion:	200	Resp:	71162
Ion Ratio	Lower	Upper	
200	100		
173	31.9	9.5	49.5
215	42.2	23.8	63.8



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





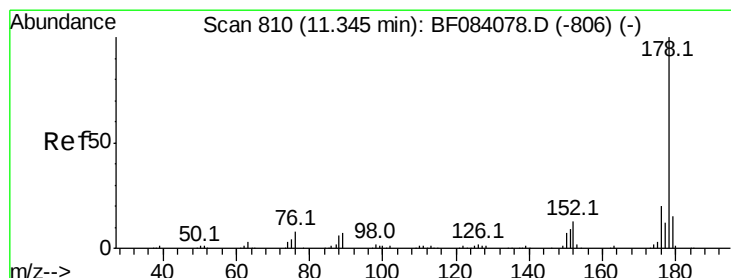
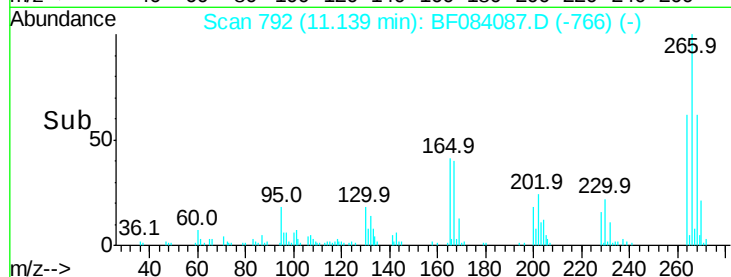
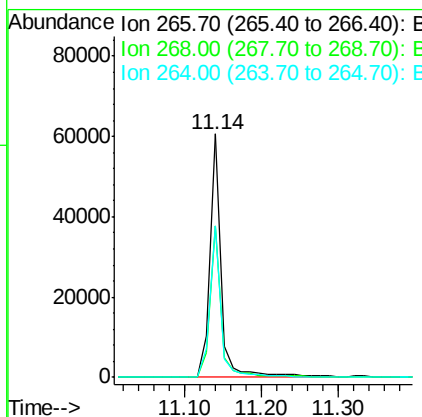
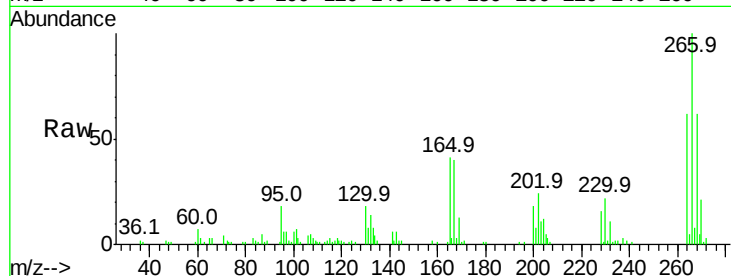
#69
 Pentachlorophenol
 Concen: 87.98 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	61328		
268	62.2		52.4	78.6
264	62.2		50.2	75.2

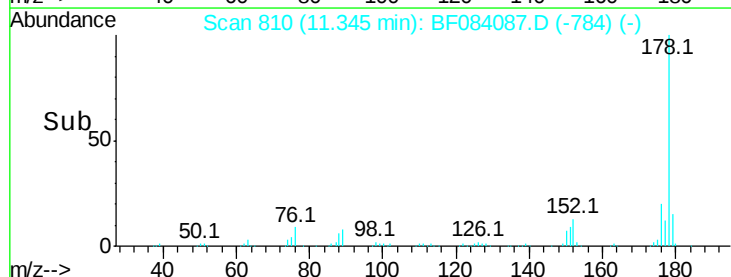
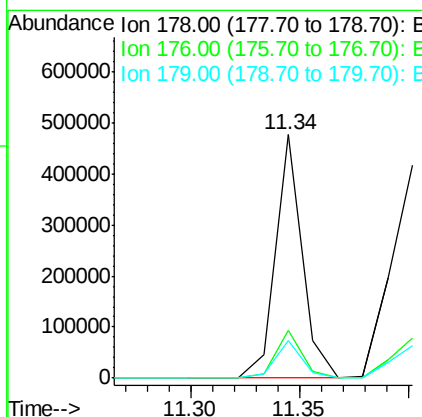
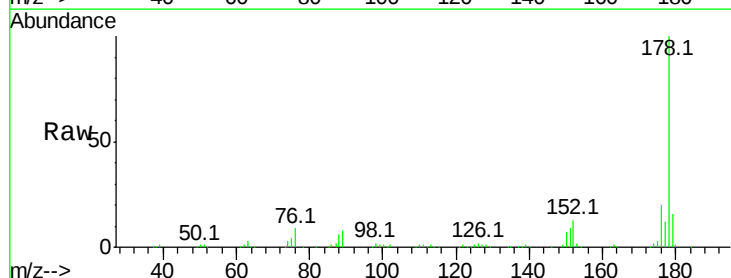
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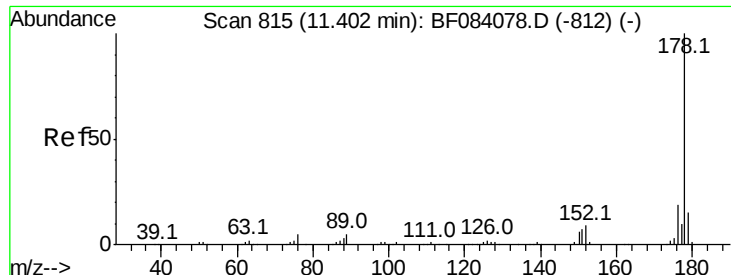
Sohil
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#70
 Phenanthrene
 Concen: 41.82 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	410263		
176	19.5		15.3	22.9
179	15.6		12.0	18.0





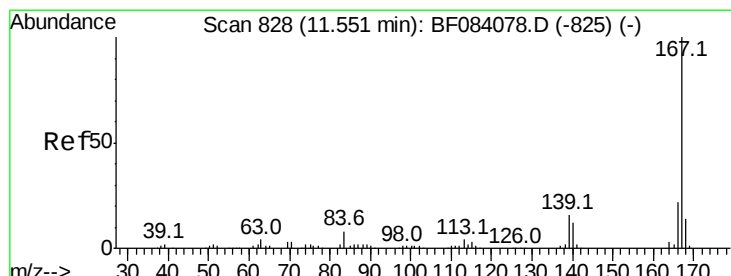
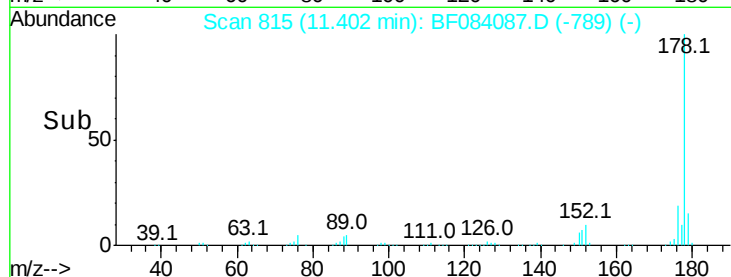
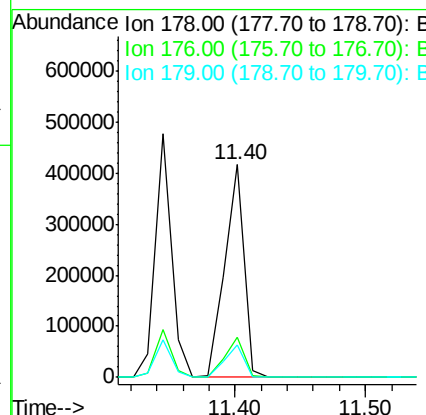
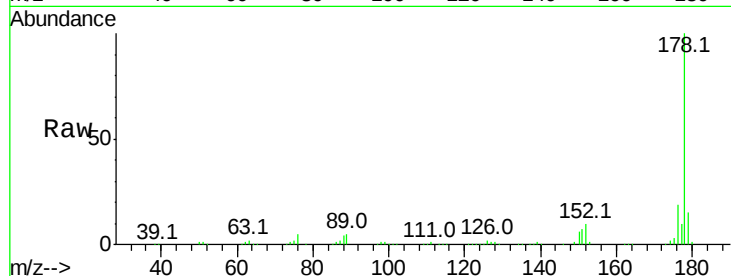
#71
 Anthracene
 Concen: 42.21 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.5	12.5	18.7

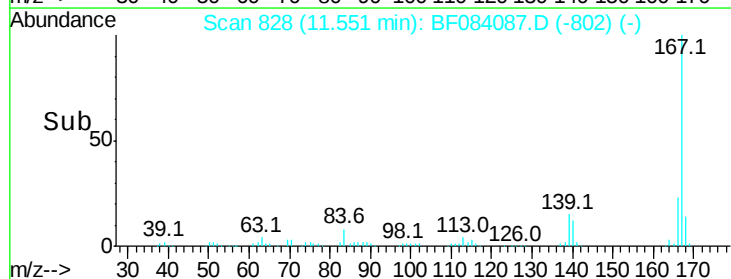
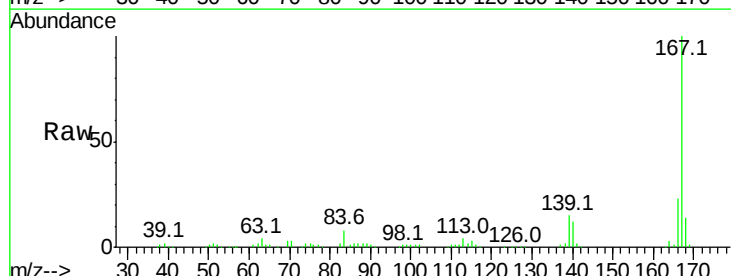
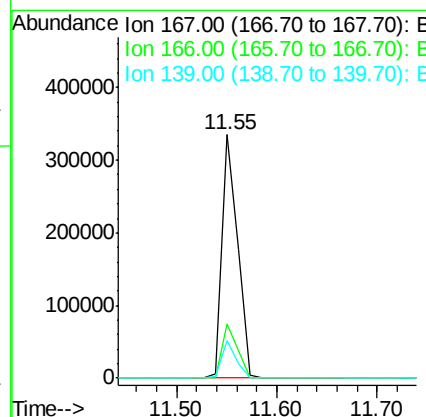
Manual Integrations
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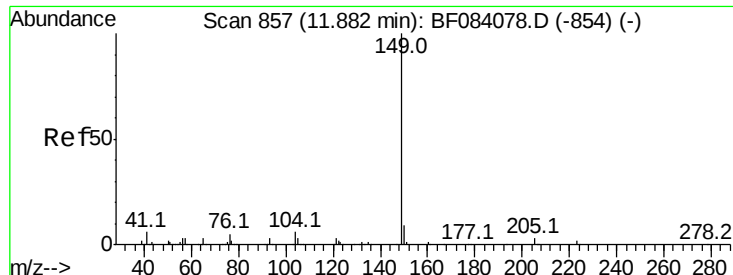
Sohil
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#72
 Carbazole
 Concen: 41.37 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	15.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 40.82 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

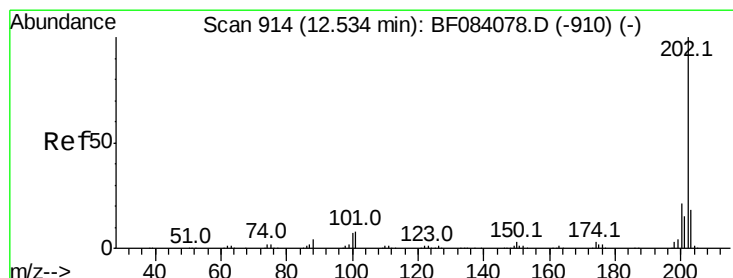
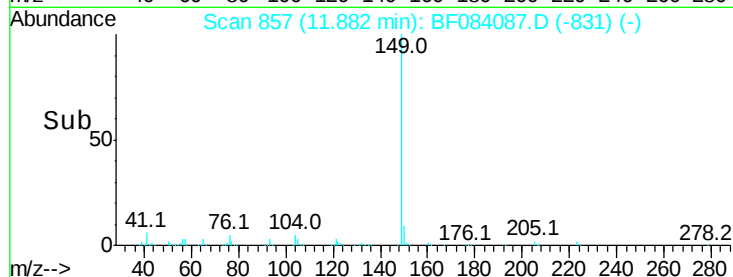
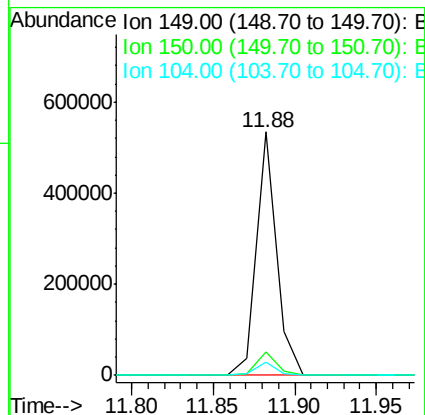
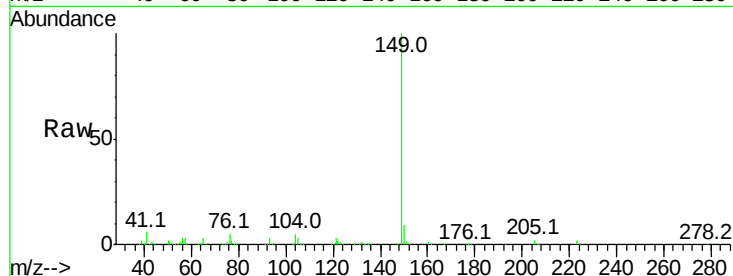
ClientSampleId :

PB87523BSD

Tot Ion:	149	Resp:	458987
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.4	3.2	4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 43.25 ng

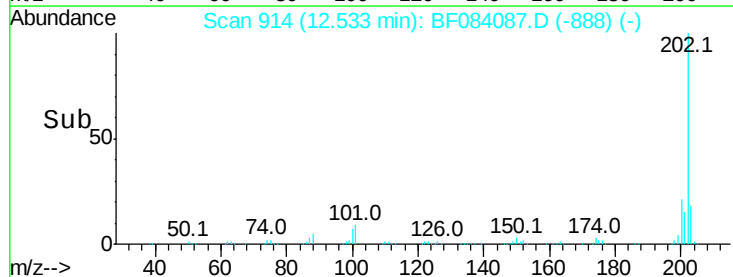
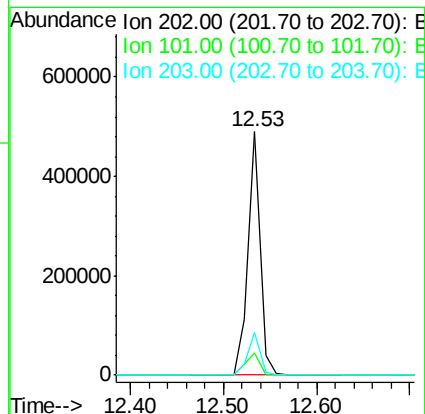
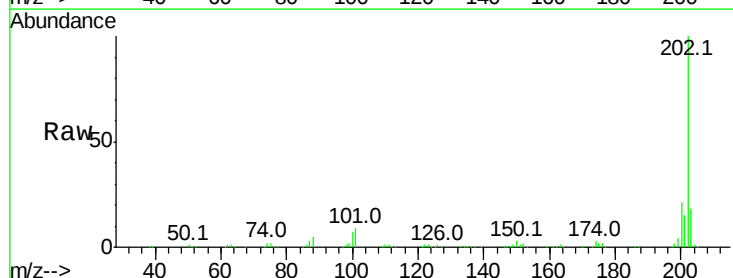
RT: 12.53 min Scan# 914

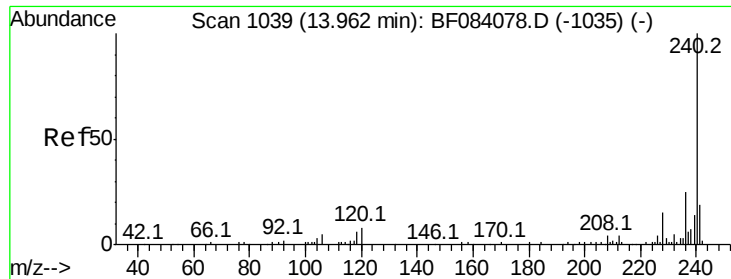
Delta R.T. 0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	202	Resp:	444127
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	32.8
203	17.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

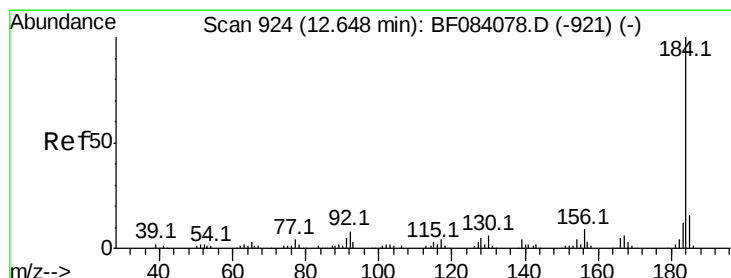
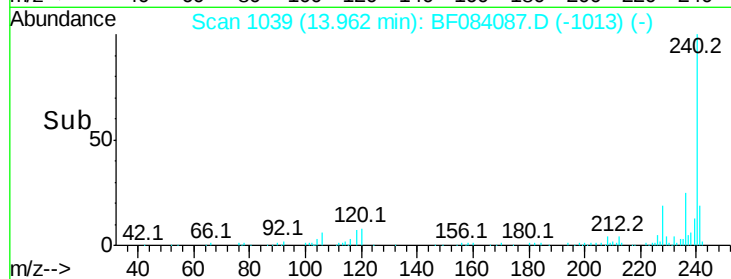
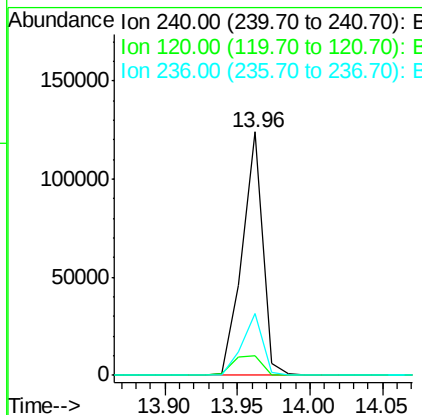
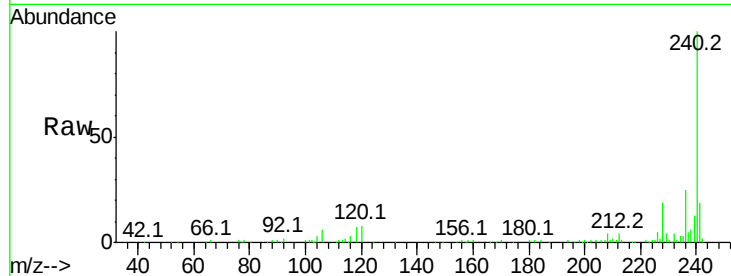
ClientSampleId :

PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	122167		
120	8.0	9.5	14.3#	
236	25.3	20.6	31.0	

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#76

Benzidine

Concen: 26.44 ng

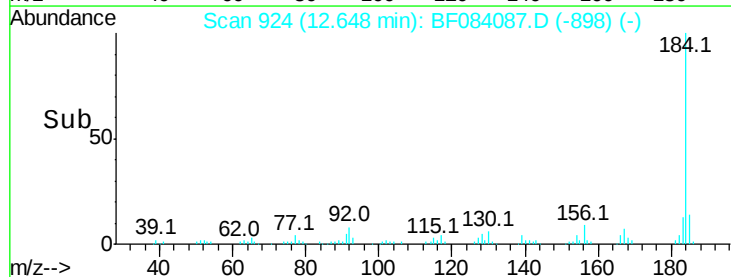
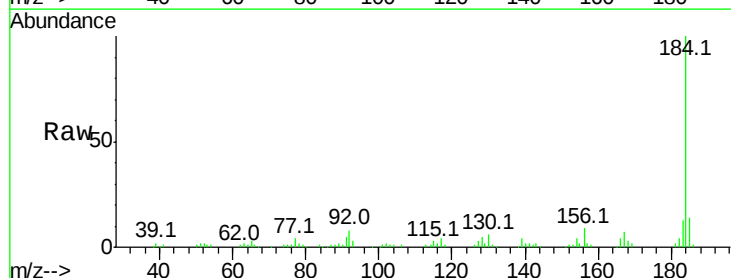
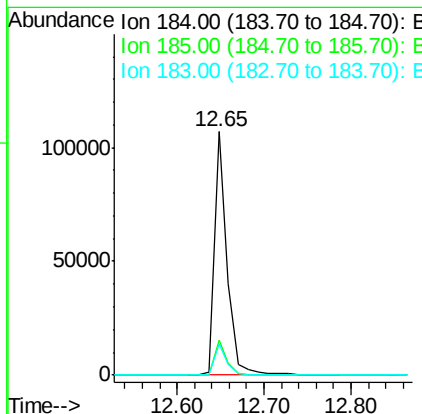
RT: 12.65 min Scan# 924

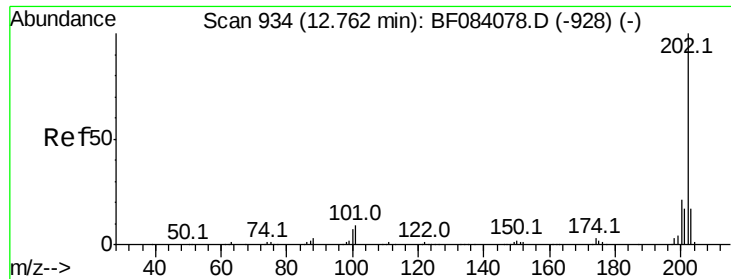
Delta R.T. 0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	109789		
185	14.5	12.2	18.2	
183	12.6	9.8	14.8	





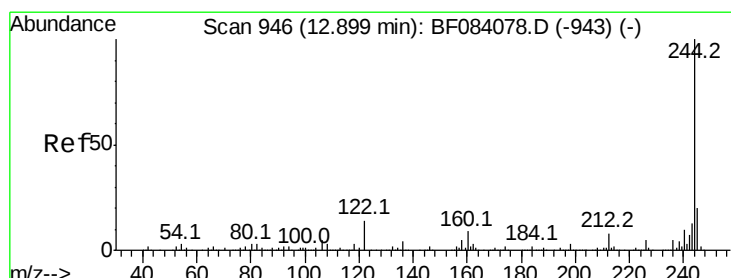
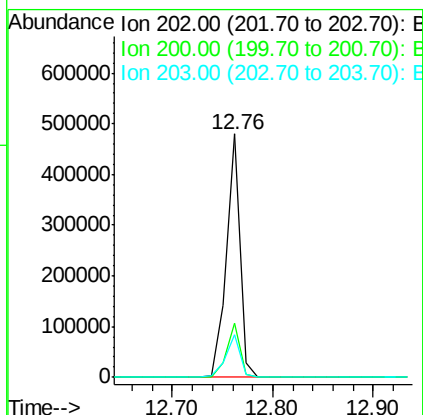
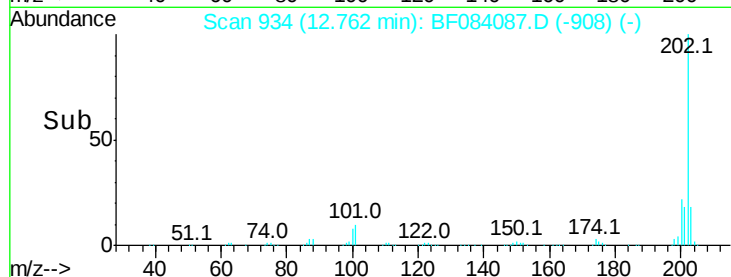
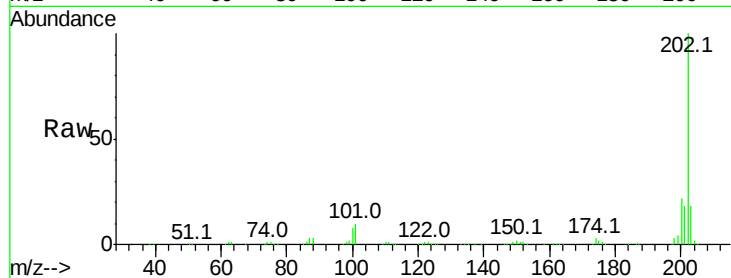
#77
Pvrene
Concen: 42.74 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.2	25.8
203	17.8	14.3	21.5

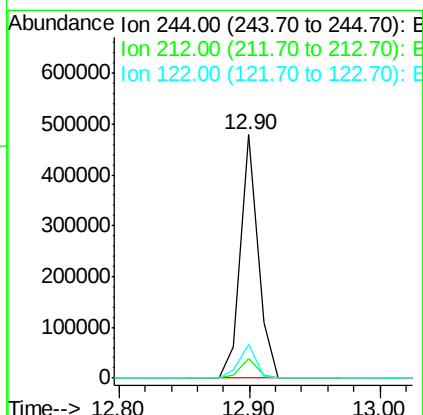
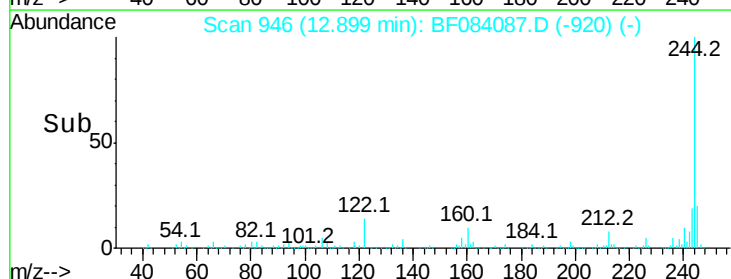
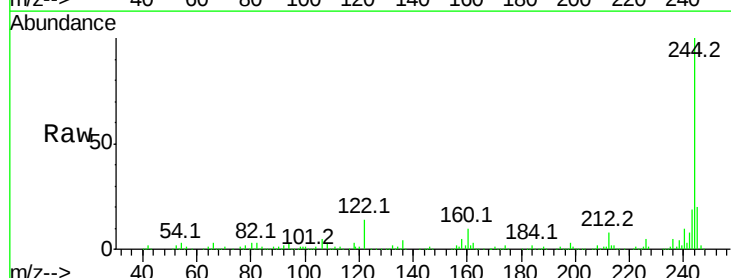
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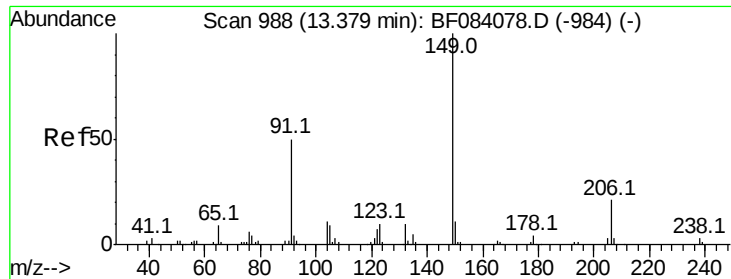
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#78
Terphenyl-d14
Concen: 66.46 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	5.7	8.5
122	13.8	7.4	11.0#





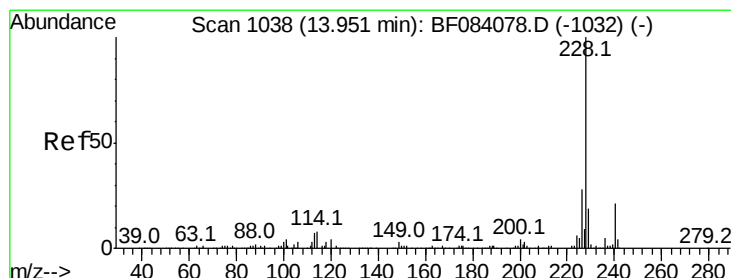
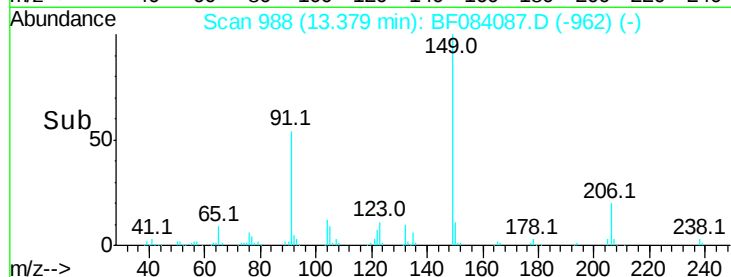
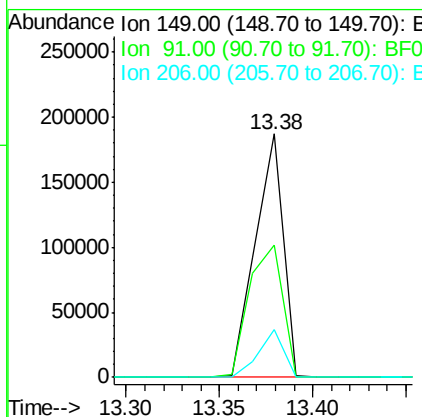
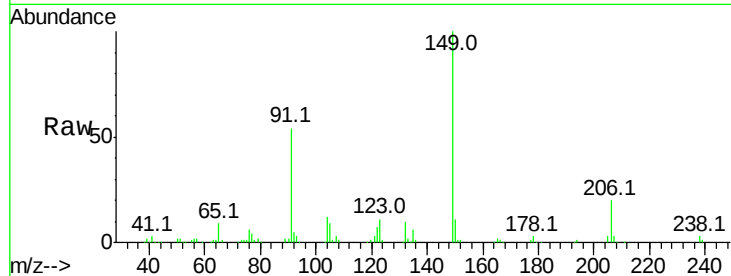
#79
Butylbenzylphthalate
Concen: 44.36 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	193543		
91	54.1	57.6	86.4#	
206	19.8	13.2	19.8	

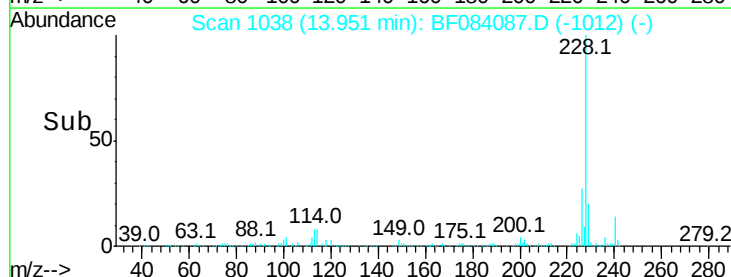
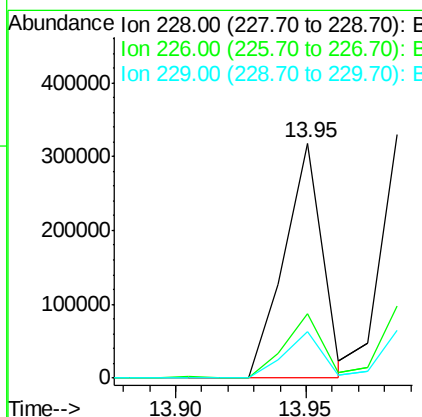
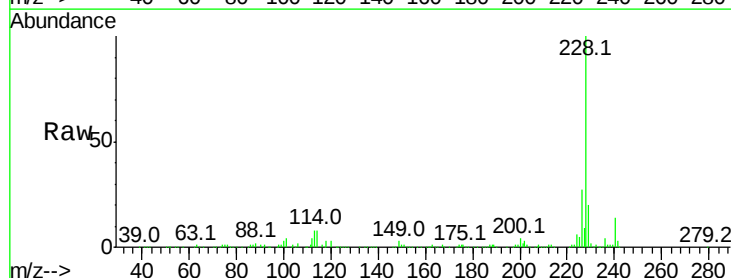
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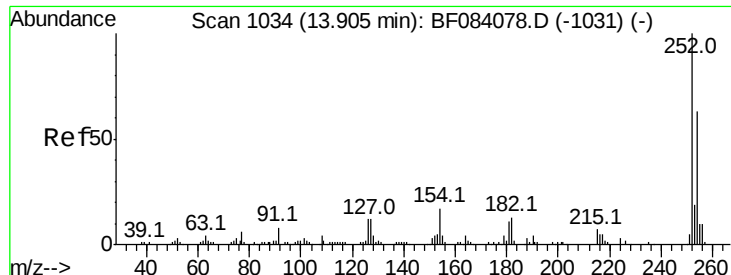
Sohil
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#80
Benzo(a)anthracene
Concen: 42.79 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	321584		
226	27.4	21.8	32.6	
229	19.8	15.8	23.8	





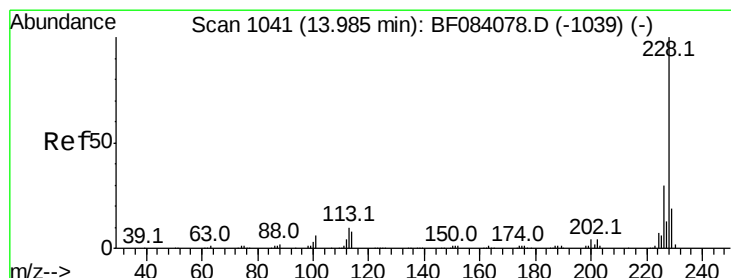
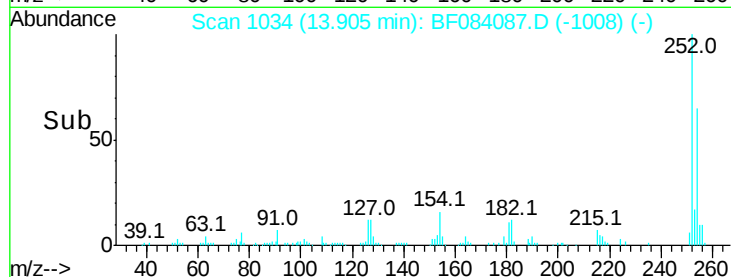
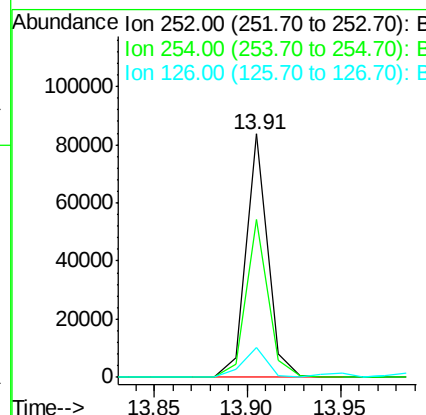
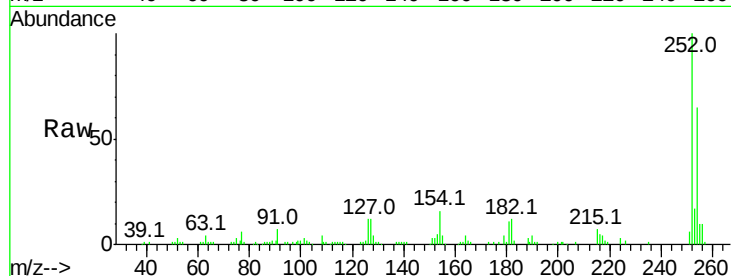
#81
 3,3'-Dichlorobenzidine
 Concen: 30.01 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	53.5	80.3
126	12.1	4.9	7.3

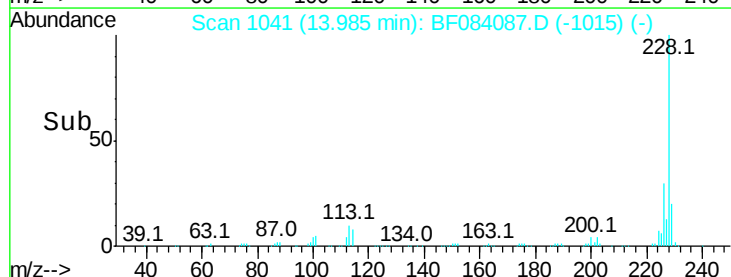
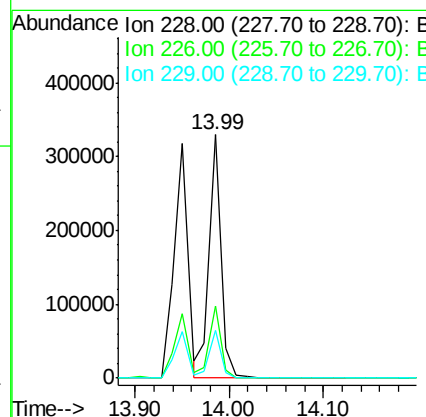
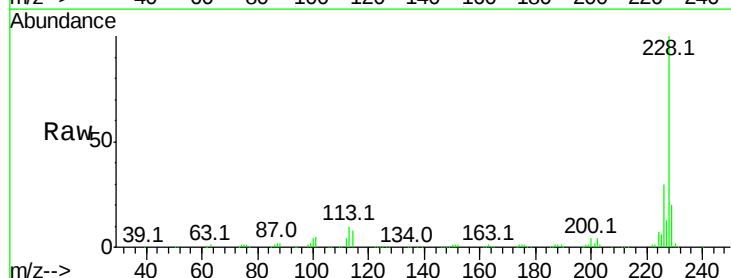
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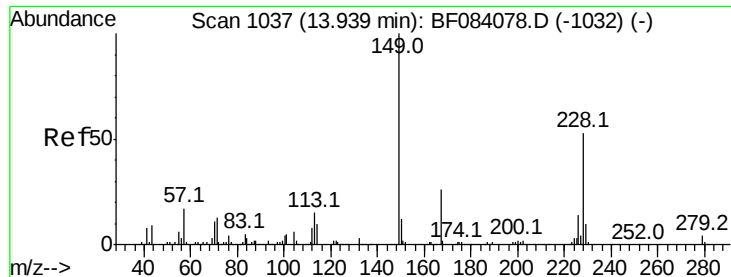
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#82
 Chrysene
 Concen: 42.34 ng m
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.8	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.85 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

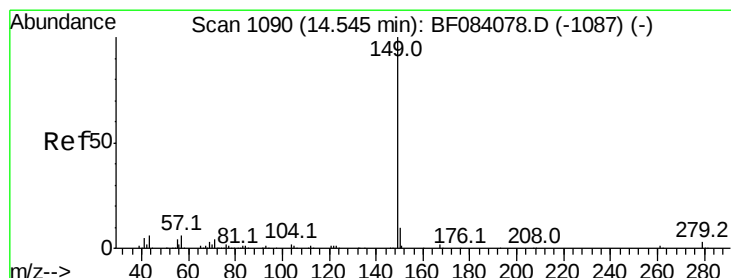
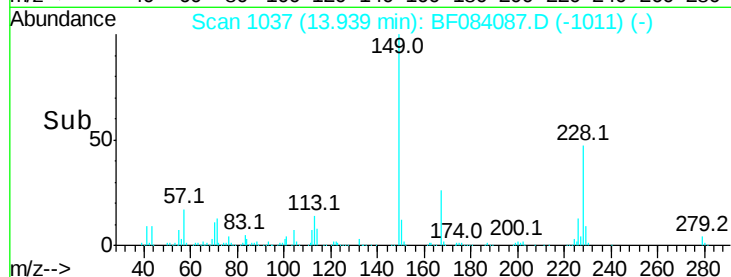
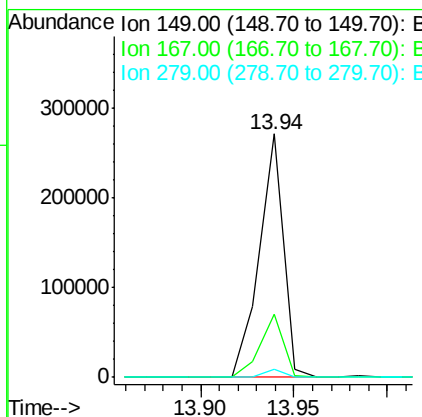
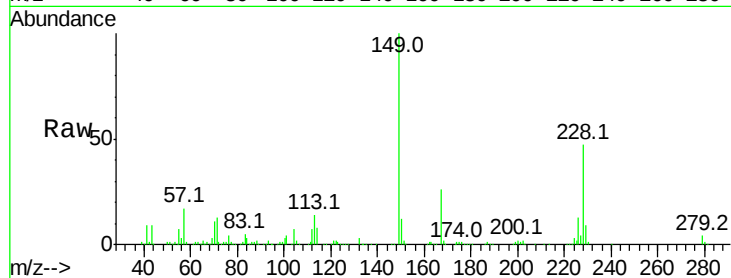
ClientSampleId :

PB87523BSD

Tot Ion:	149	Resp:	247217
Ion Ratio		Lower	Upper
149	100		
167	26.2	19.7	29.5
279	3.6	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 44.98 ng

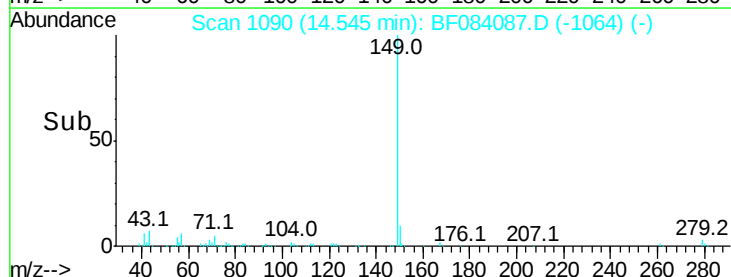
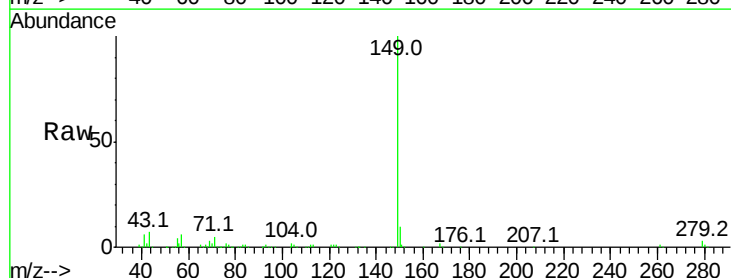
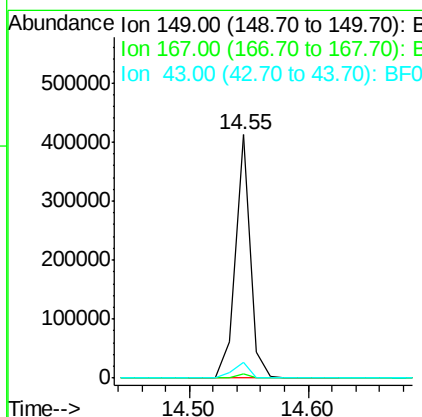
RT: 14.55 min Scan# 1090

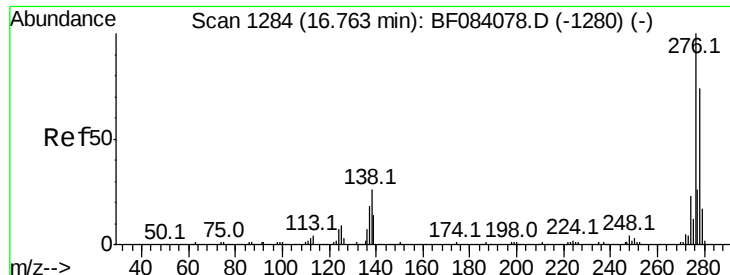
Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	149	Resp:	356798
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.1	5.6	8.4





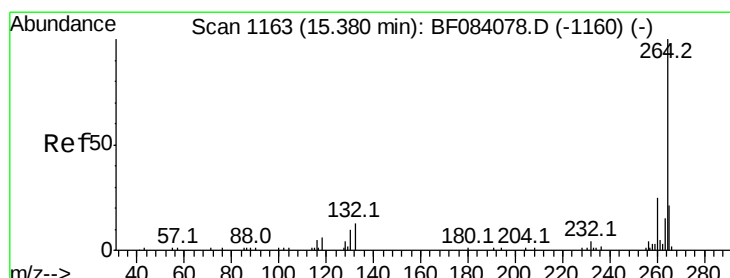
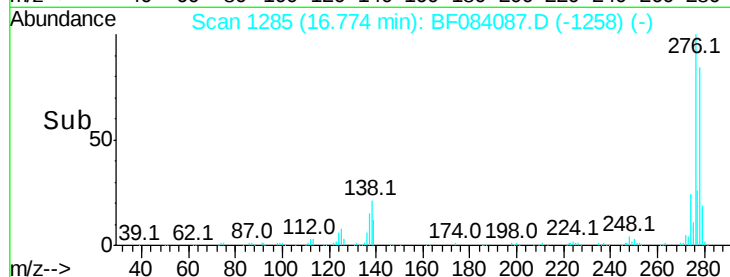
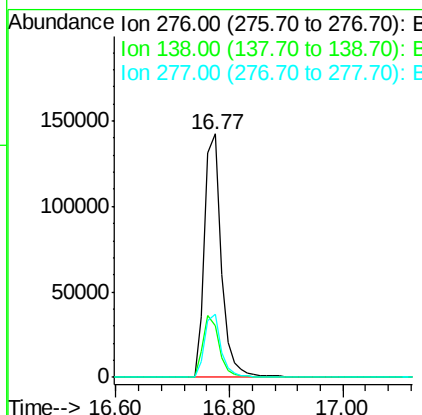
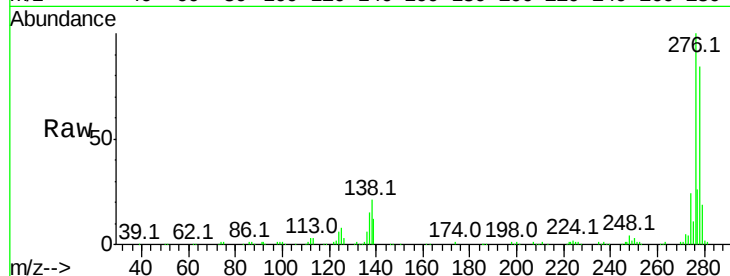
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.83 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	283302		
138	24.6		20.6	30.8
277	25.3		20.1	30.1

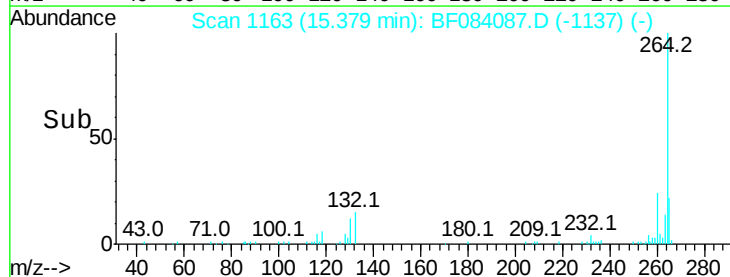
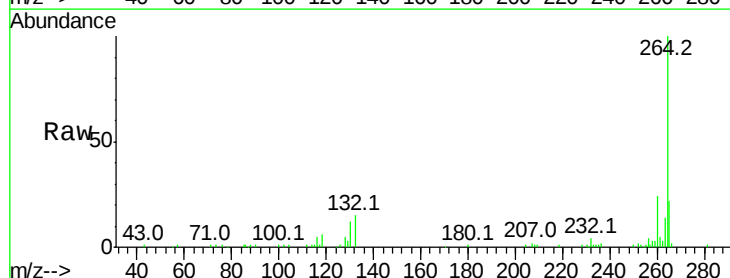
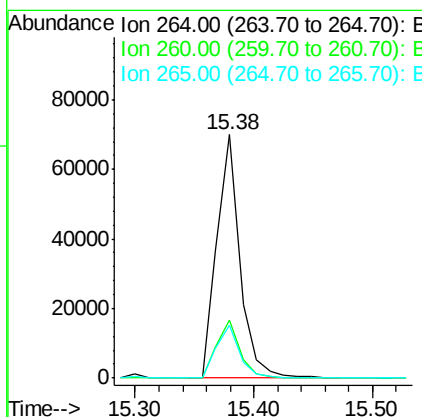
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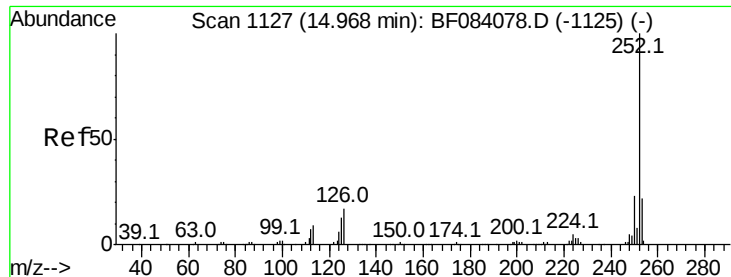
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	93639		
260	23.9		19.4	29.2
265	21.5		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 42.73 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

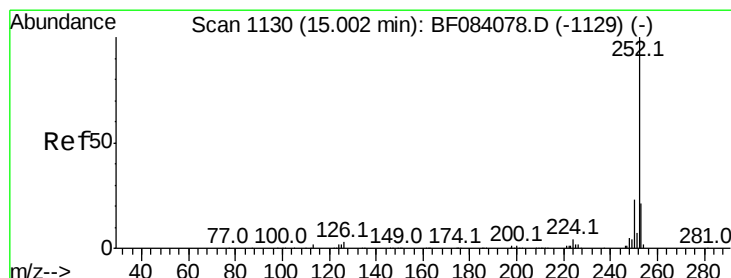
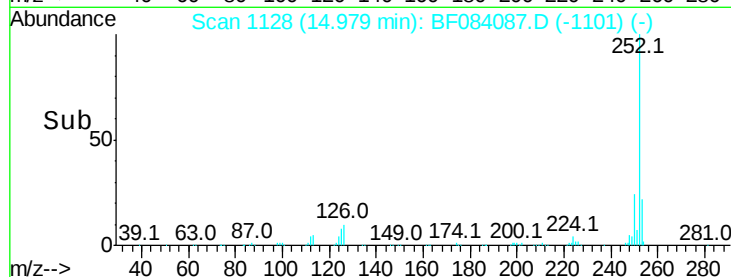
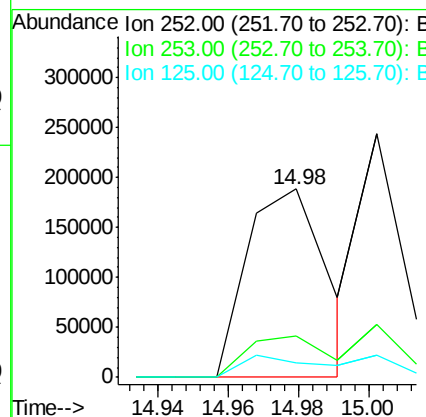
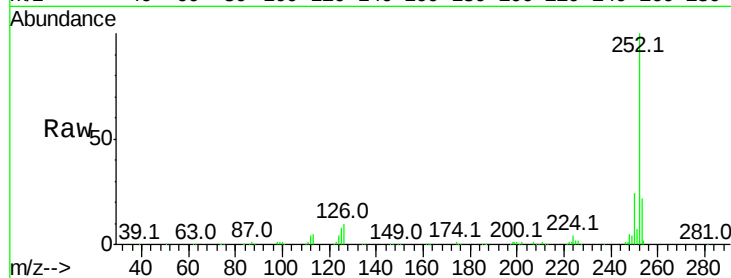
ClientSampleId :

PB87523BSD

Tot Ion:	252	Resp:	297146
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	7.6	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 46.89 ng m

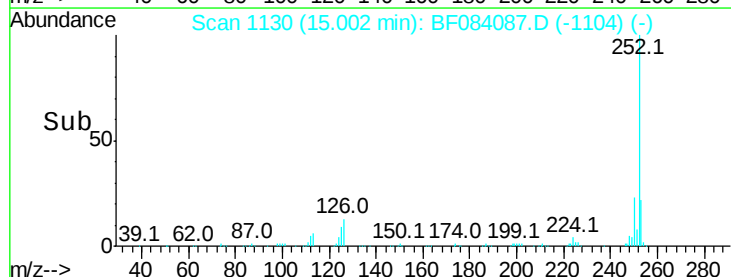
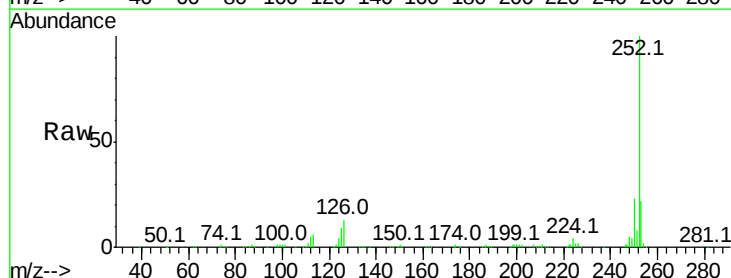
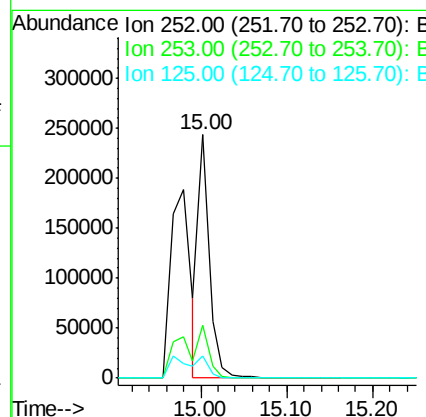
RT: 15.00 min Scan# 1130

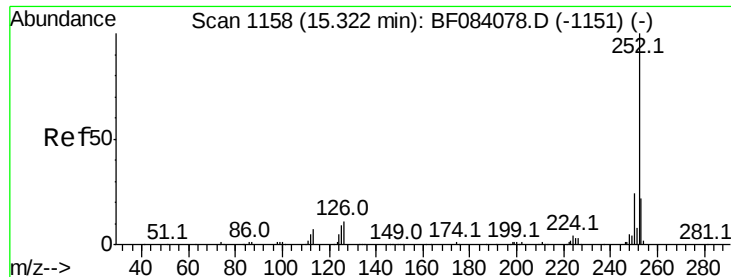
Delta R.T. 0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:	252	Resp:	220983
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	9.1	9.0	13.6





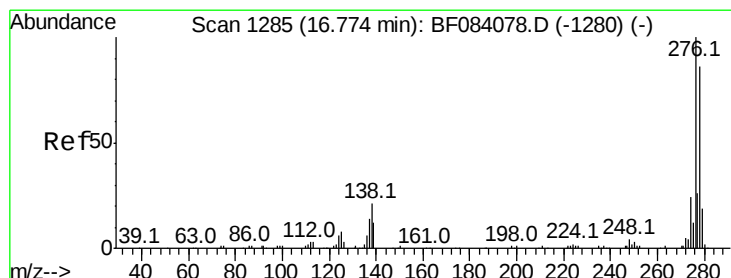
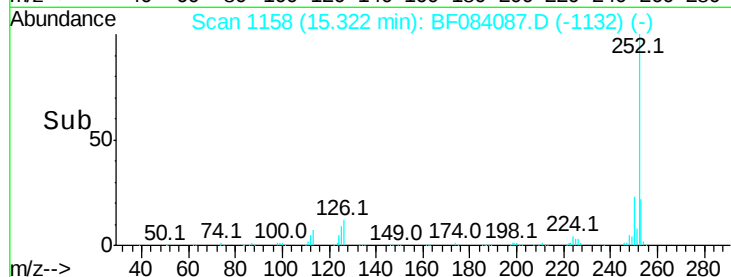
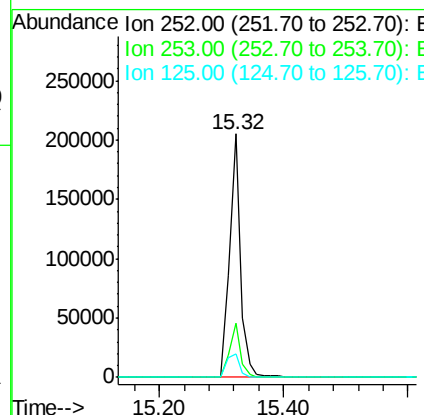
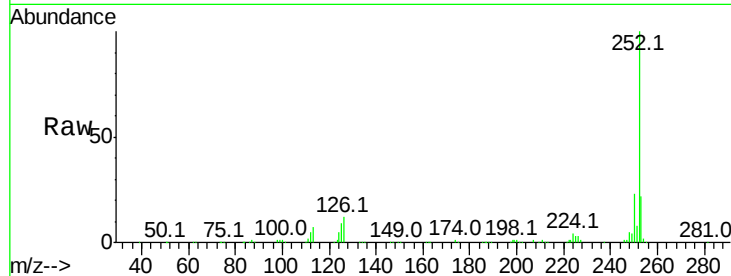
#89
Benzo(a)pyrene
Concen: 43.41 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.4	7.0	10.4

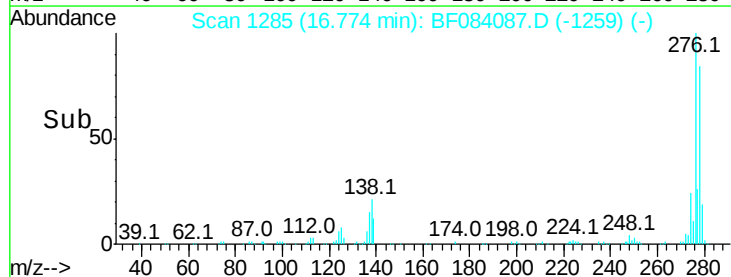
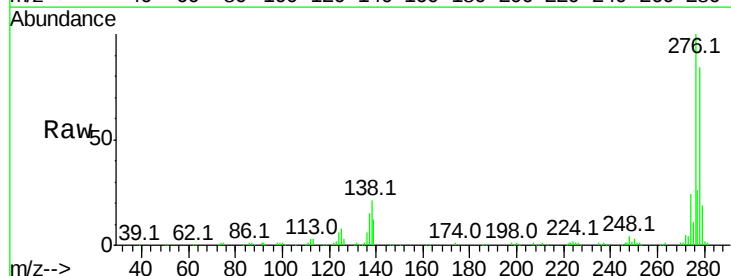
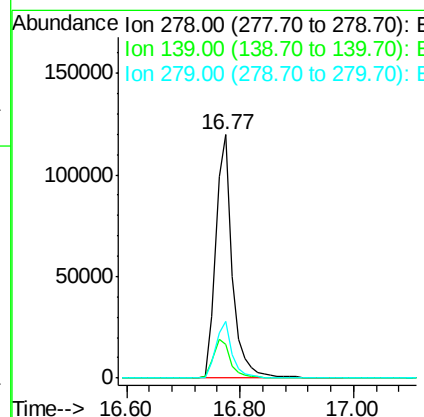
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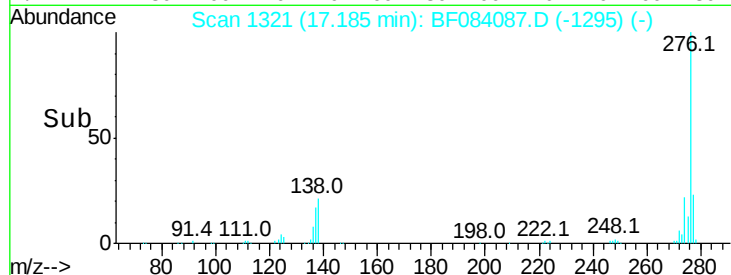
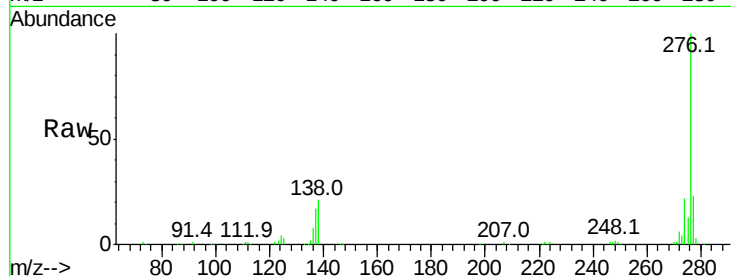
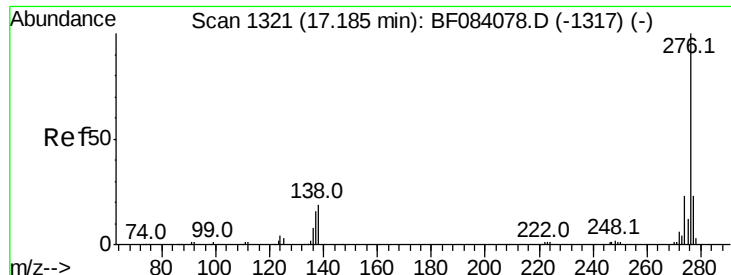
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.31 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.9	15.0	22.4#
279	23.1	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 41.92 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	239184		
277	23.0		18.8	28.2
138	20.6		17.8	26.6

Manual Integrations
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