

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084117.D
 Acq On : 25 Dec 2015 9:18
 Operator : UM/SJ
 Sample : G4951-10MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:15 PM

Quant Time: Dec 26 02:27:47 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	48627	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	186863	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	84480	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	158722	20.00	ng	0.00
75) Chrysene-d12	13.96	240	119512	20.00	ng	0.00
86) Perylene-d12	15.38	264	95121	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	188979	65.89	ng	0.00
7) Phenol-d6	6.45	99	146563	41.30	ng	0.00
23) Nitrobenzene-d5	7.37	82	272710	85.43	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	138260	153.47	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	528292	85.56	ng	0.00
78) Terphenyl-d14	12.90	244	435355	65.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	19445	16.54	ng	98
3) Pyridine	3.13	79	40420	14.08	ng	98
4) n-Nitrosodimethylamine	3.04	42	23654	18.70	ng	98
6) Aniline	6.46	93	93200	20.77	ng	95
8) 2-Chlorophenol	6.59	128	127368	35.76	ng	96
9) Benzaldehyde	6.35	77	44013	23.19	ng	88
10) Phenol	6.46	94	62544	15.41	ng	# 19
11) bis(2-Chloroethyl)ether	6.53	93	122079	41.71	ng	95
12) 1,3-Dichlorobenzene	6.74	146	144389	37.13	ng	98
13) 1,4-Dichlorobenzene	6.82	146	143168m	36.59	ng	
14) 1,2-Dichlorobenzene	6.97	146	136036	37.73	ng	98
15) Benzyl Alcohol	6.96	79	80586	29.98	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	111271	38.91	ng	# 29
17) 2-Methylphenol	7.08	107	81298	29.73	ng	# 83
18) Hexachloroethane	7.31	117	52156	36.52	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	89269	40.84	ng	# 86
20) 3+4-Methylphenols	7.23	107	101839	29.19	ng	# 50
22) Acetophenone	7.22	105	202125	43.29	ng	# 86
24) Nitrobenzene	7.39	77	148893	43.93	ng	90
25) Isophorone	7.63	82	265814	45.01	ng	96
26) 2-Nitrophenol	7.71	139	74939	43.20	ng	93
27) 2,4-Dimethylphenol	7.76	122	121044	42.04	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	148679	43.19	ng	98
29) 2,4-Dichlorophenol	7.96	162	109010	40.76	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	121426	41.43	ng	98
31) Naphthalene	8.11	128	434451	43.70	ng	98
32) Benzoic acid	7.87	122	20393	14.77	ng	96
33) 4-Chloroaniline	8.17	127	85249	21.55	ng	# 91
34) Hexachlorobutadiene	8.22	225	64040	38.32	ng	97
35) Caprolactam	8.61	113	7496	10.11	ng	# 83
36) 4-Chloro-3-methylphenol	8.66	107	126678	42.13	ng	98
37) 2-Methylnaphthalene	8.80	142	270492m	43.46	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	123754	46.47	ng	98
40) Hexachlorocyclopentadiene	8.96	237	50189	68.72	ng	98

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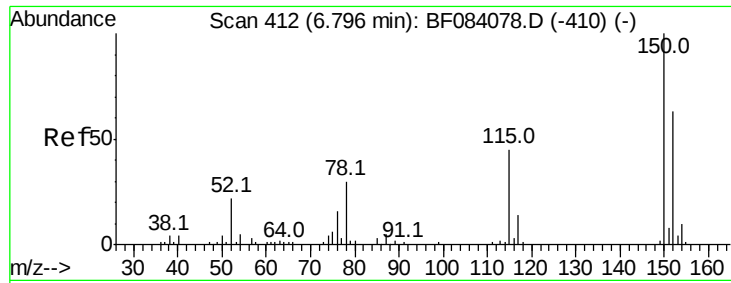
Manual Integrations
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 12/28/2015 1:10:15 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	74612	42.97	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	82312	47.36	nq	98
45) 1,1'-Biphenyl	9.26	154	366128	47.97	nq	97
46) 2-Chloronaphthalene	9.29	162	267267	46.06	nq	97
47) 2-Nitroaniline	9.39	65	80907	52.48	nq	# 77
48) Acenaphthylene	9.70	152	393010	41.24	nq	99
49) Dimethylphthalate	9.57	163	363817	52.00	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	71451	48.11	nq	# 71
51) Acenaphthene	9.87	154	235624	42.52	nq	100
52) 3-Nitroaniline	9.80	138	36810	23.10	nq	86
53) 2,4-Dinitrophenol	9.92	184	57164	92.96	nq	93
54) Dibenzofuran	10.04	168	353191	46.34	nq	# 90
55) 4-Nitrophenol	10.00	139	30442	37.42	nq	82
56) 2,4-Dinitrotoluene	10.04	165	100722	51.38	nq	93
57) Fluorene	10.38	166	280731	43.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	65295	52.70	nq	# 98
59) Diethylphthalate	10.27	149	338887	47.68	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	126011	42.18	nq	# 76
61) 4-Nitroaniline	10.42	138	68170	46.28	nq	96
62) Azobenzene	10.53	77	295903	50.53	nq	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	45945	52.15	nq	94
65) n-Nitrosodiphenylamine	10.50	169	255312	45.12	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	78802	42.86	nq	# 68
67) Hexachlorobenzene	10.94	284	90761	45.09	nq	# 86
68) Atrazine	11.05	200	76888	45.12	nq	99
69) Pentachlorophenol	11.14	266	80285	117.27	nq	97
70) Phenanthrene	11.34	178	405199	43.06	nq	99
71) Anthracene	11.40	178	451915	45.93	nq	100
72) Carbazole	11.56	167	428947	51.25	nq	98
73) Di-n-butylphthalate	11.88	149	480551	44.56	nq	# 97
74) Fluoranthene	12.53	202	423305	42.89	nq	98
77) Pyrene	12.76	202	440516	42.72	nq	99
79) Butylbenzylphthalate	13.38	149	210189	49.25	nq	90
80) Benzo(a)anthracene	13.95	228	332459	45.22	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	21525	9.67	nq	# 92
82) Chrysene	13.99	228	297279	43.85	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	271222	49.18	nq	# 97
84) Di-n-octyl phthalate	14.55	149	399439	51.47	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	314481	46.33	nq	99
87) Benzo(b)fluoranthene	14.98	252	298841m	42.31	nq	
88) Benzo(k)fluoranthene	15.00	252	264261m	55.20	nq	
89) Benzo(a)pyrene	15.32	252	272058	46.75	nq	# 98
90) Dibenzo(a,h)anthracene	16.77	278	264246	46.53	nq	98
91) Benzo(g,h,i)perylene	17.19	276	271339	46.81	nq	99

(#) = 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: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

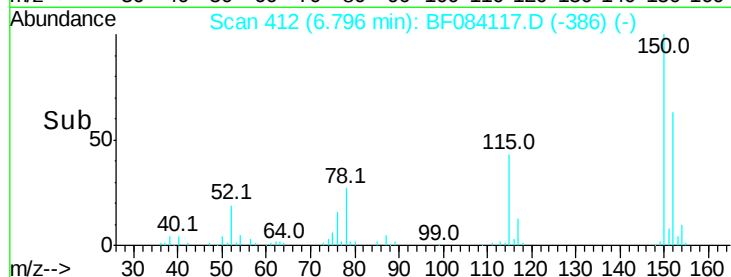
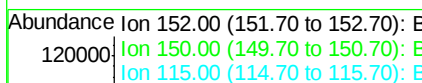
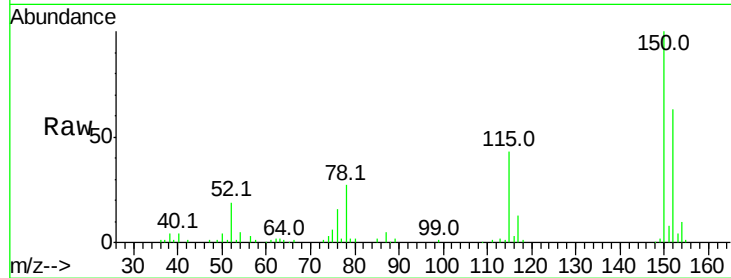
ClientSampleId :

PZ-1-122315MS

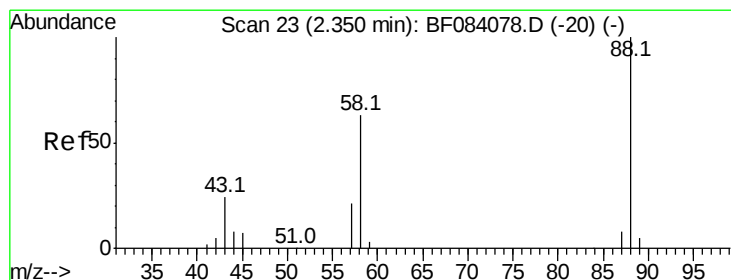
Tot Ion:	152	Resp:	48627
Ion Ratio	Lower	Upper	
152	100		
150	159.2	123.0	184.4
115	67.7	51.4	77.2

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Time-->



#2

1,4-Dioxane

Concen: 16.54 ng

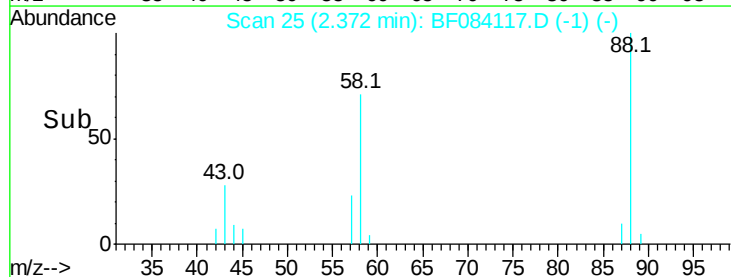
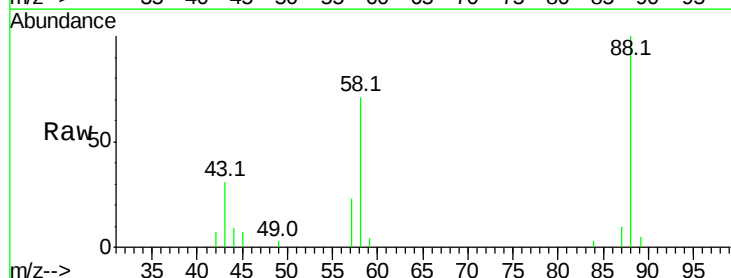
RT: 2.37 min Scan# 25

Delta R.T. 0.02 min

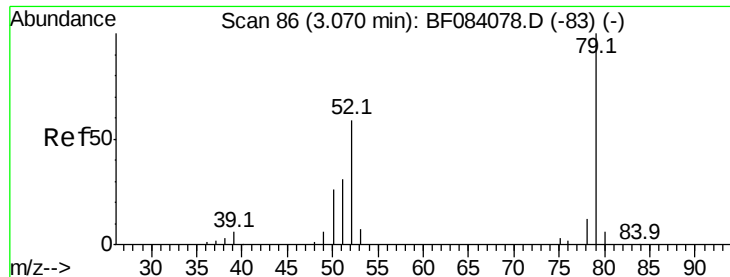
Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	88	Resp:	19445
Ion Ratio	Lower	Upper	
88	100		
58	63.2	51.2	76.8
43	27.1	19.5	29.3



Time-->



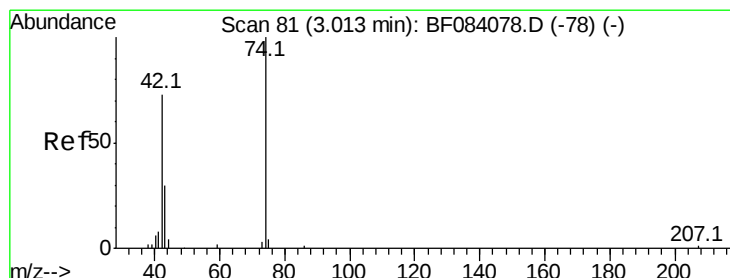
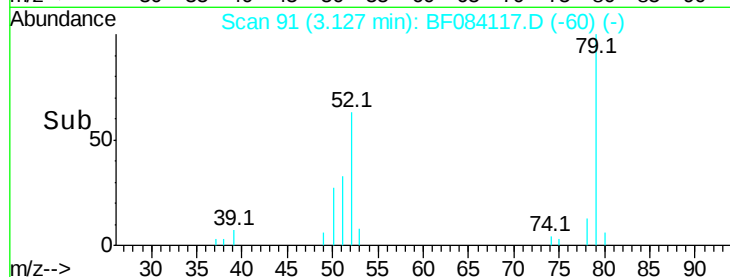
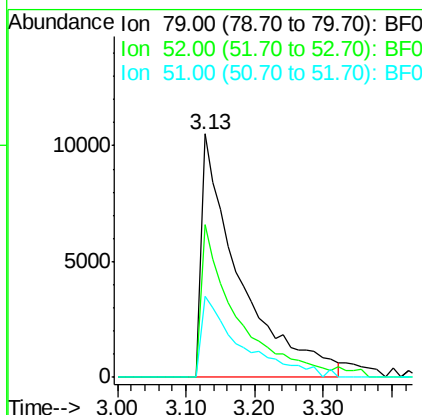
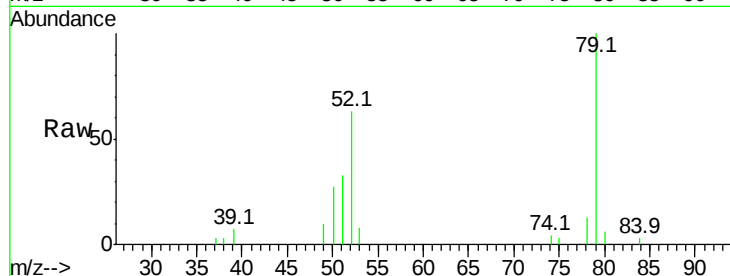
#3
 Pvridine
 Concen: 14.08 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.06 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

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Tot Ion:	79	Resp:	40420
Ion Ratio	Lower	Upper	
79	100		
52	62.8	49.0	73.4
51	33.3	25.2	37.8

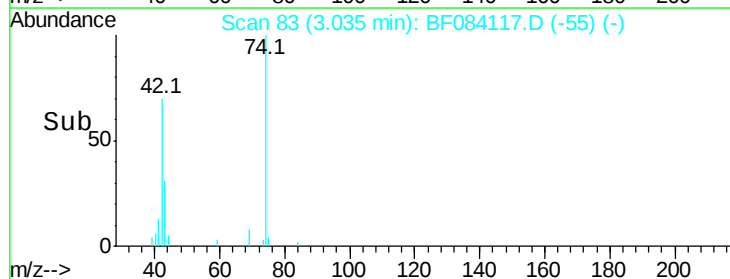
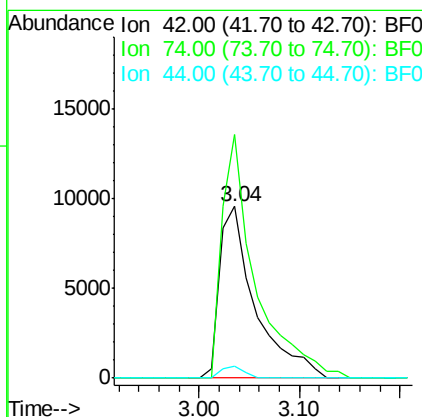
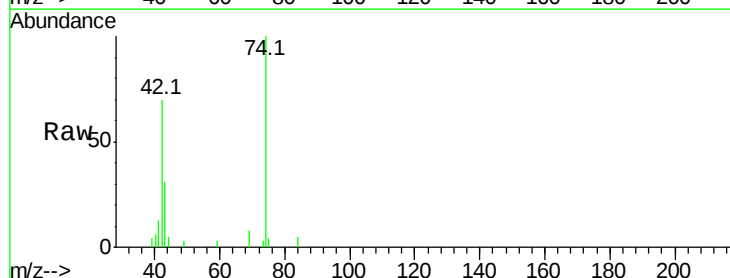
Manual Integrations
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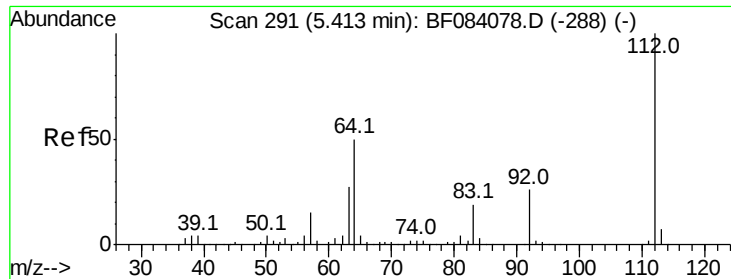
Sohil
 12/28/2015 1:10:15 PM



#4
 n-Nitrosodimethylamine
 Concen: 18.70 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.02 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion:	42	Resp:	23654
Ion Ratio	Lower	Upper	
42	100		
74	141.9	115.7	173.5
44	6.8	5.1	7.7





#5

2-Fluorophenol

Concen: 65.89 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

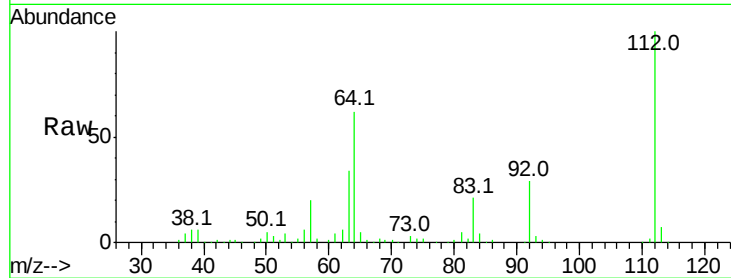
ClientSampleId :

PZ-1-122315MS

Tot Ion:	112	Resp:	188979
Ion Ratio	Lower	Upper	
112	100		
64	62.1	36.6	55.0#
63	34.1	19.4	29.0#

Manual Integrations
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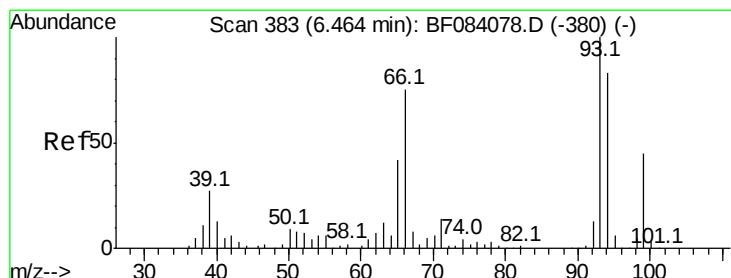
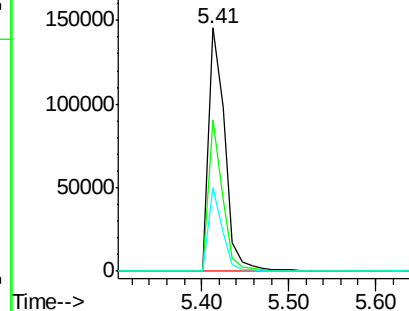
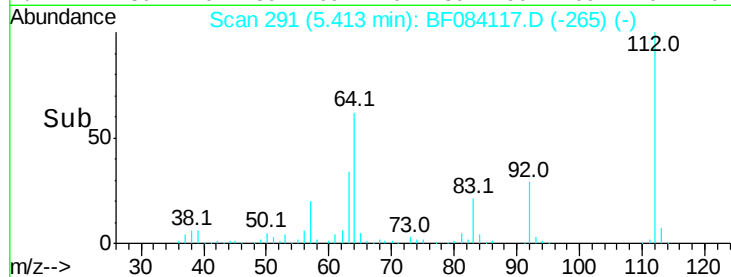
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.77 ng

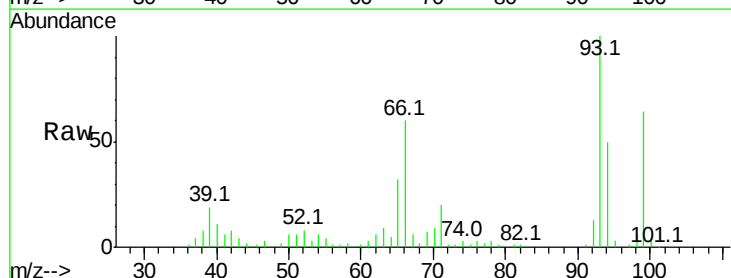
RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

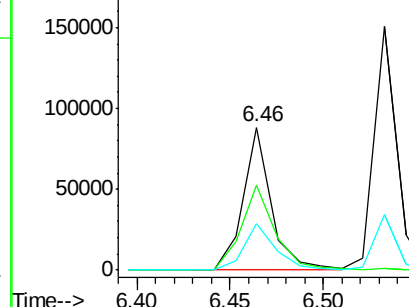
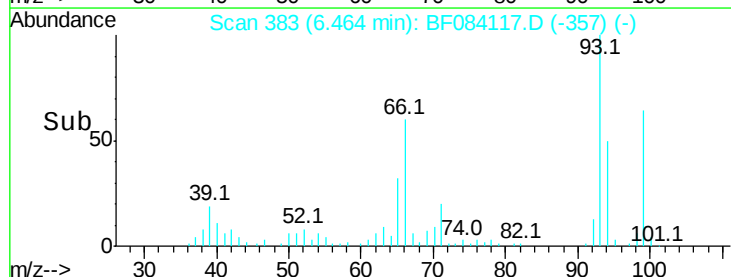
Tgt Ion:	93	Resp:	93200
Ion Ratio	Lower	Upper	
93	100		
66	59.9	44.9	67.3
65	32.2	23.7	35.5

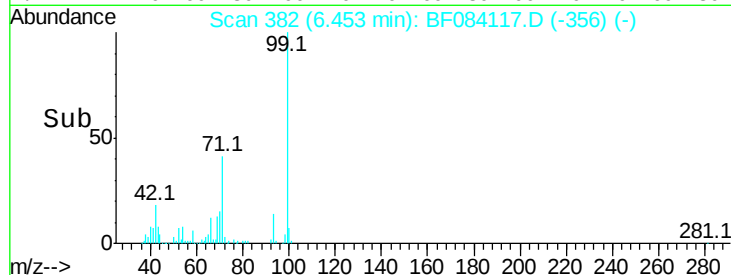
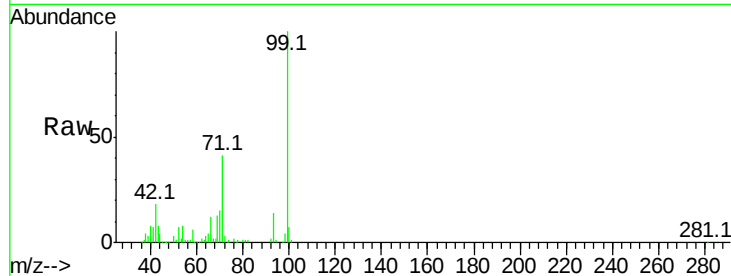
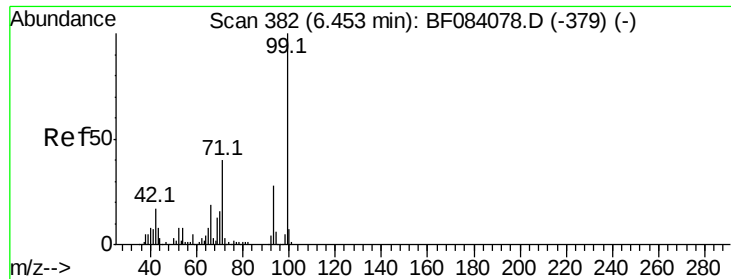


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 41.30 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tot Ion:	99	Resp:	146563
Ion Ratio	Lower	Upper	
99	100		
42	17.9	12.8	19.2
71	41.4	30.9	46.3

Instrument :

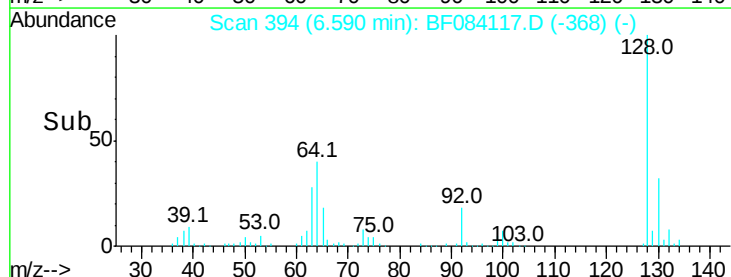
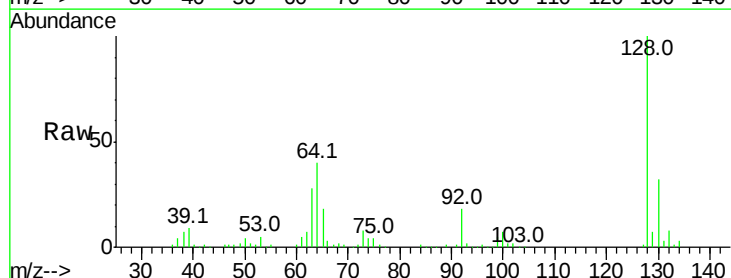
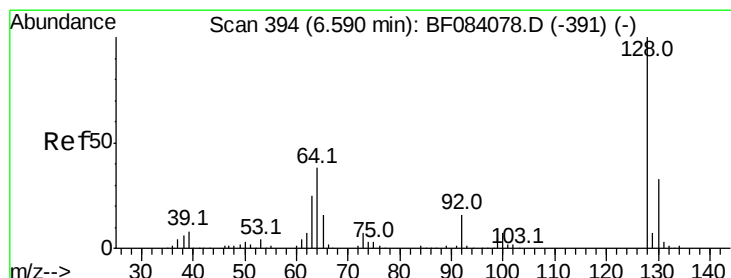
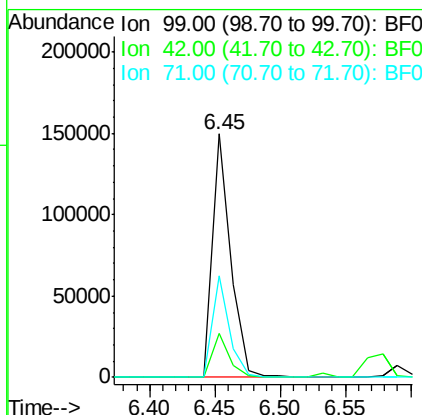
BNA_F

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#8

2-Chlorophenol

Concen: 35.76 ng

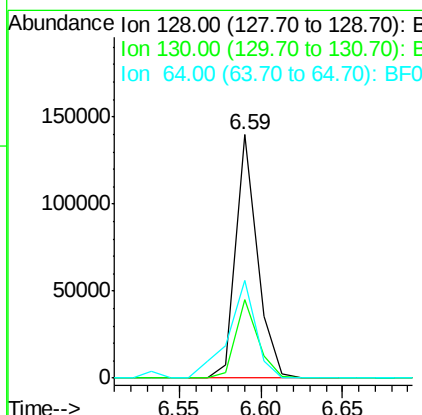
RT: 6.59 min Scan# 394

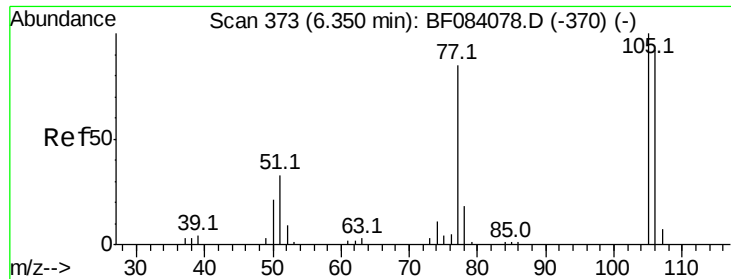
Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	128	Resp:	127368
Ion Ratio	Lower	Upper	
128	100		
130	32.4	11.6	51.6
64	40.3	23.8	63.8





#9

Benzaldehyde

Concen: 23.19 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleID :

PZ-1-122315MS

Tot Ion: 77 Resp: 44013

Ion Ratio Lower Upper

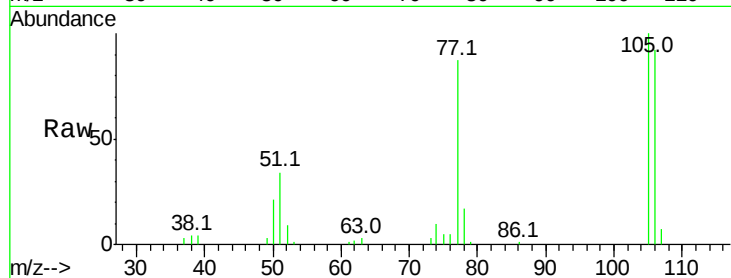
77 100

105 114.8 83.0 123.0

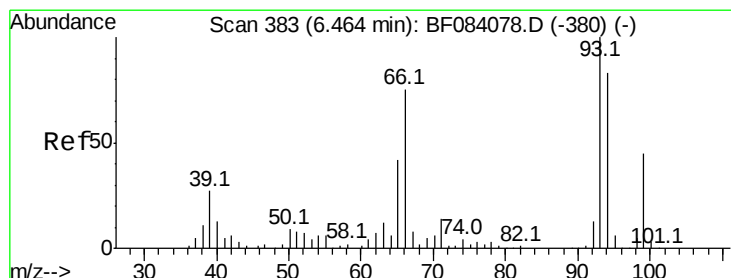
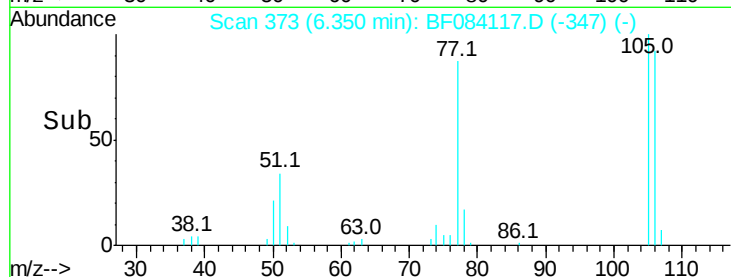
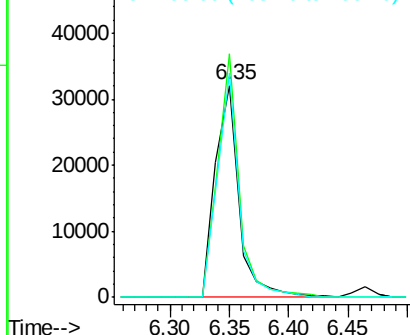
106 105.9 74.6 114.6

Manual Integrations
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12/28/2015 1:10:15 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 15.41 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

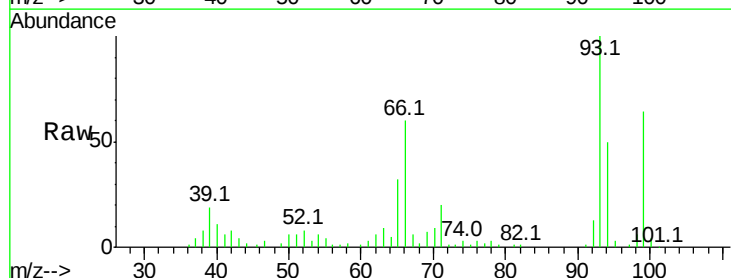
Tgt Ion: 94 Resp: 62544

Ion Ratio Lower Upper

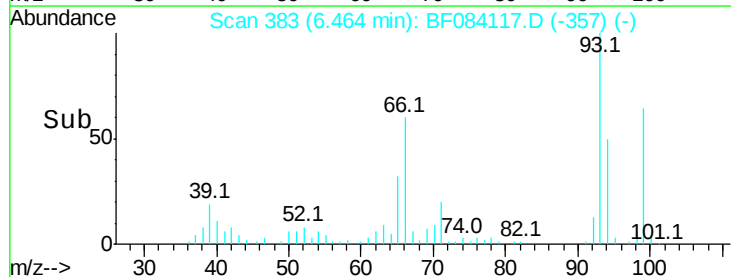
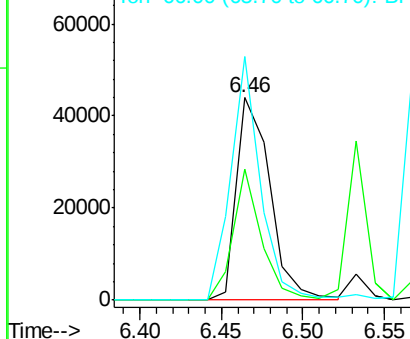
94 100

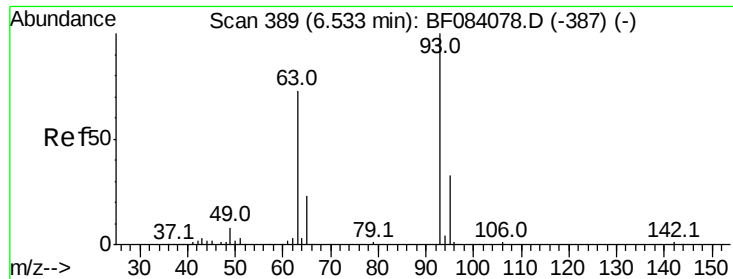
65 64.7 12.9 52.9#

66 120.4 32.7 72.7#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





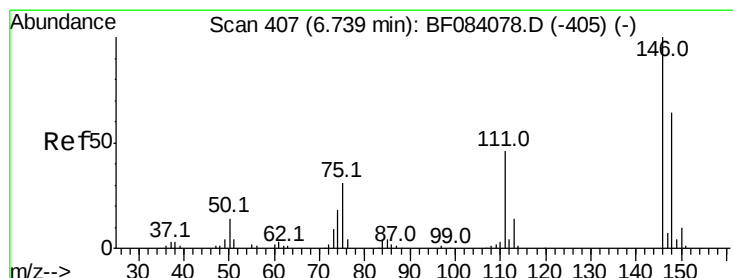
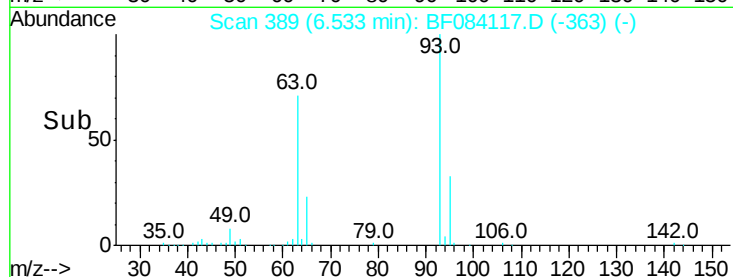
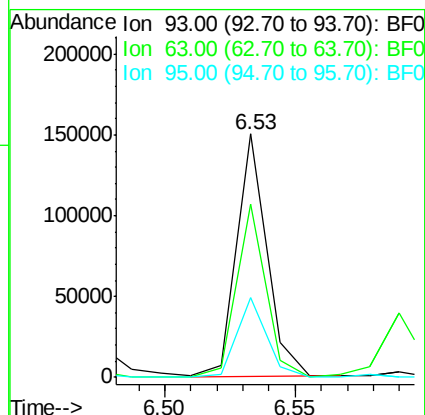
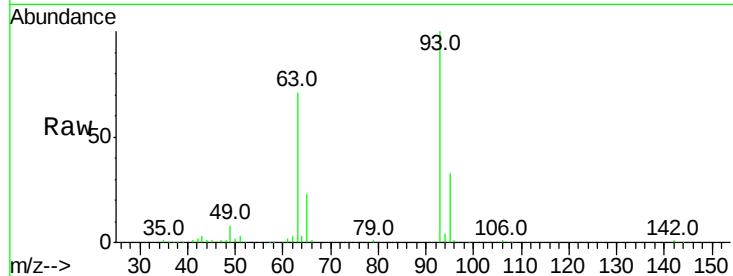
#11
bis(2-Chloroethyl)ether
Concen: 41.71 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	71.3	45.9	85.9
95	32.7	12.3	52.3

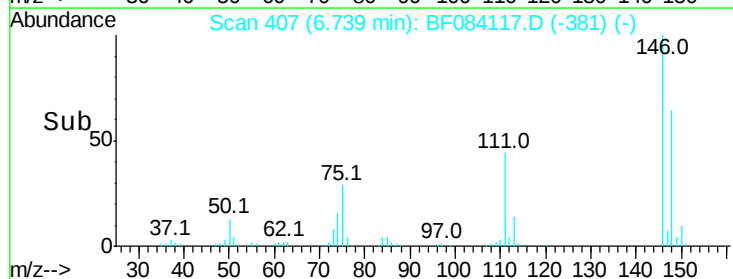
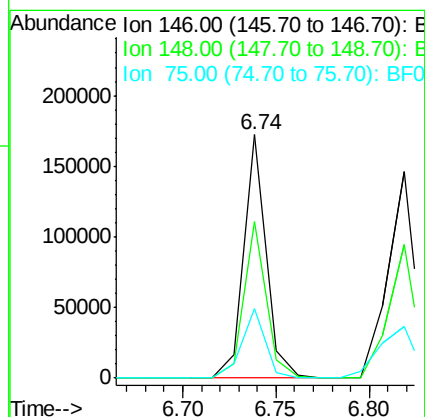
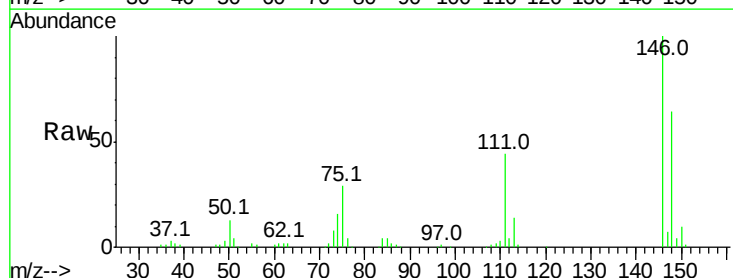
Manual Integrations
APPROVED

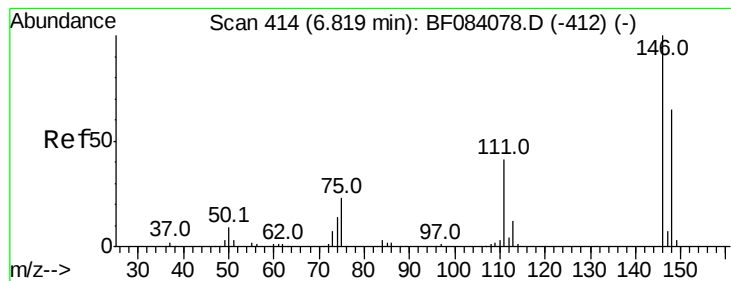
Sohil
12/28/2015 1:10:15 PM



#12
1,3-Dichlorobenzene
Concen: 37.13 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.1	51.9	77.9
75	28.6	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 36.59 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

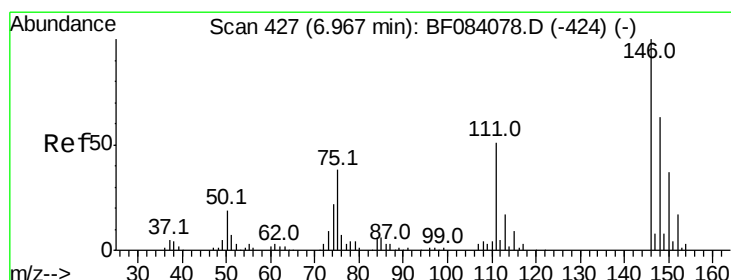
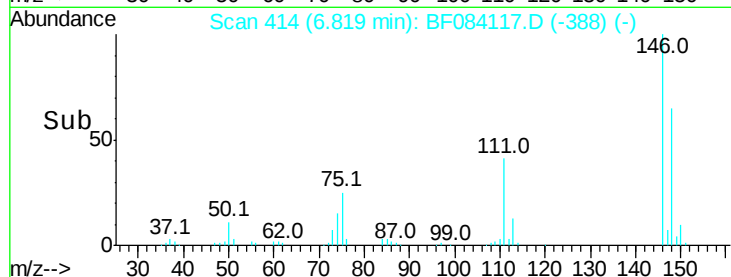
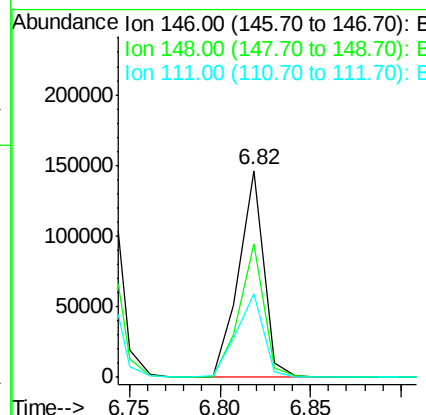
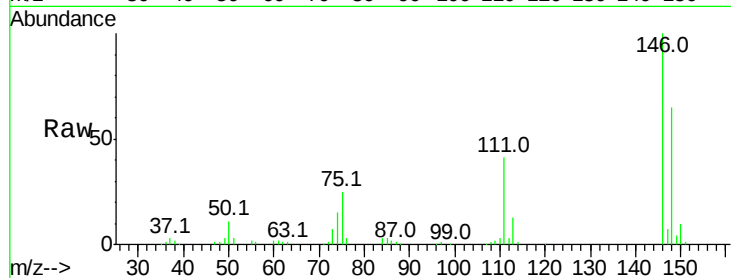
ClientSampleId :

PZ-1-122315MS

Tot Ion:	146	Resp:	143168
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.9	77.9
111	40.6	41.6	62.4

Manual Integrations
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Sohil
12/28/2015 1:10:15 PM



#14

1,2-Dichlorobenzene

Concen: 37.73 ng

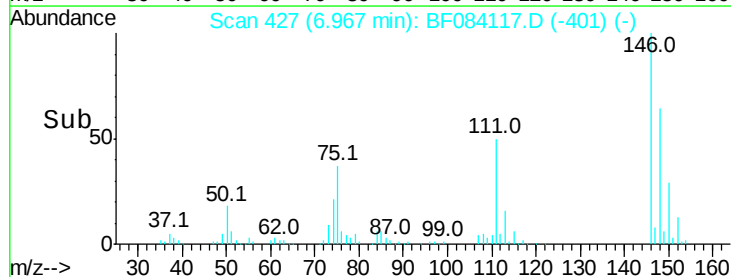
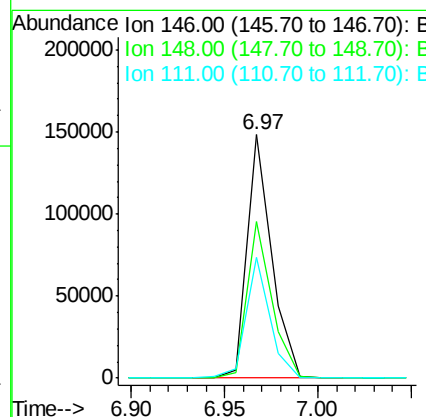
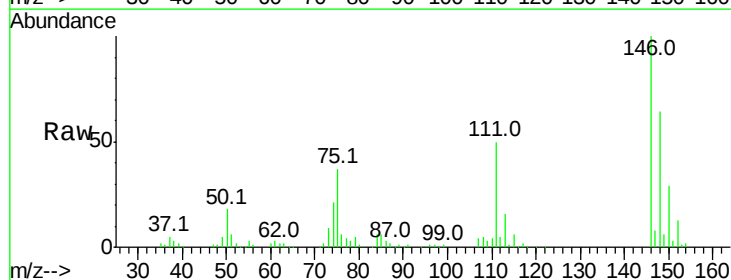
RT: 6.97 min Scan# 427

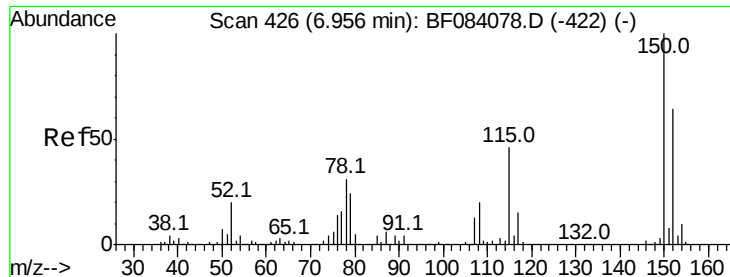
Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	146	Resp:	136036
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.6	77.4
111	49.6	38.0	57.0





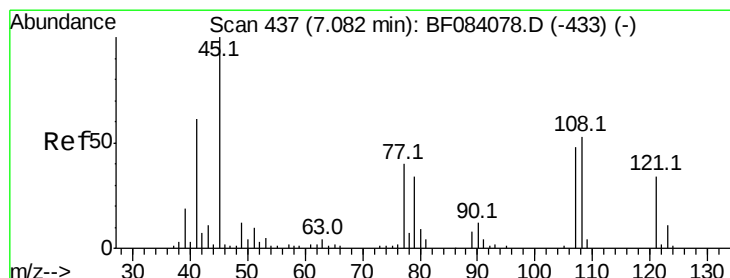
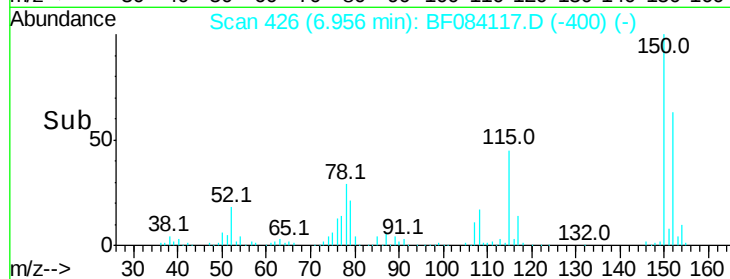
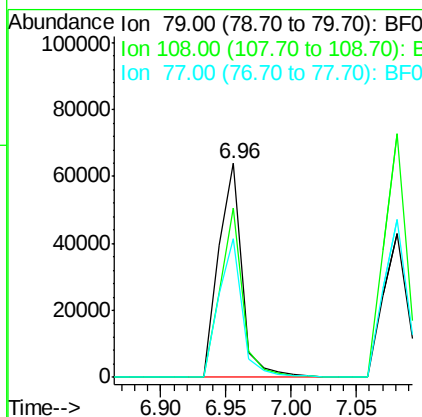
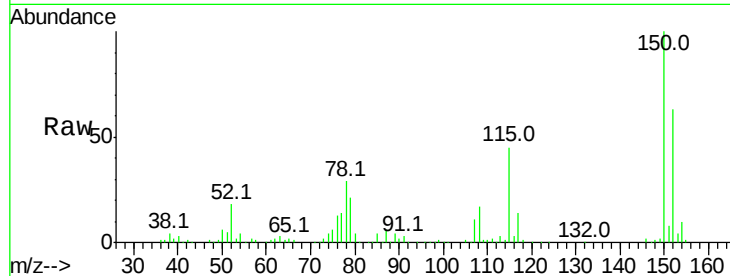
#15
Benzyl Alcohol
Concen: 29.98 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	69.0	103.4
77	65.0	50.0	75.0

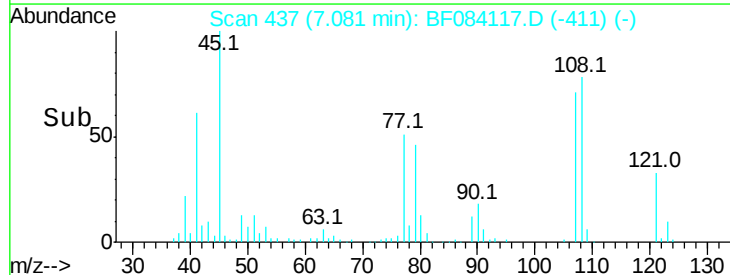
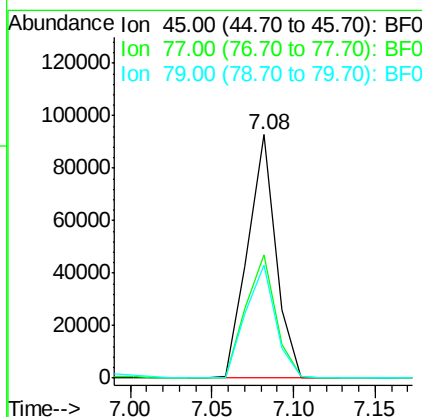
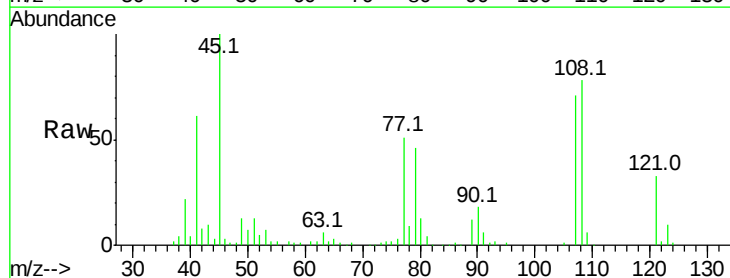
Manual Integrations
APPROVED

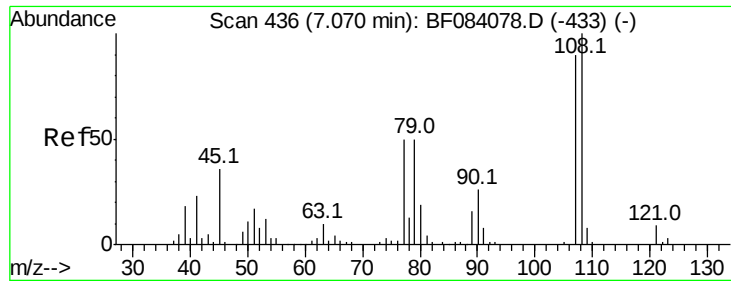
Sohil
12/28/2015 1:10:15 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.91 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	50.7	0.0	39.6#
79	46.3	0.0	35.0#





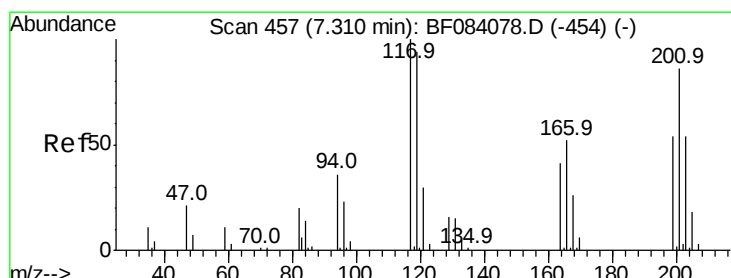
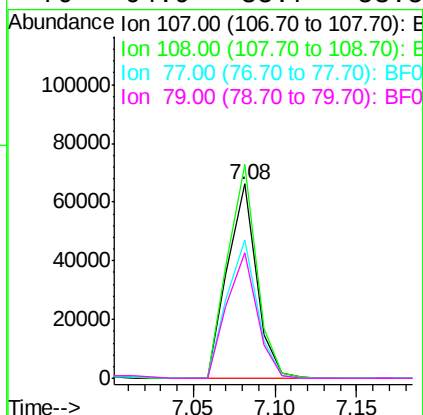
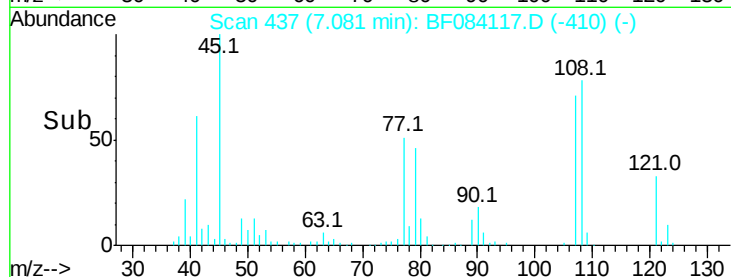
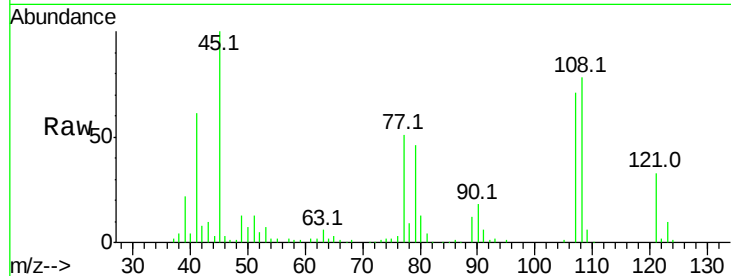
#17
2-Methylphenol
Concen: 29.73 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	89.8	134.6	
77	71.2	35.7	53.5#	
79	64.9	35.7	53.5#	

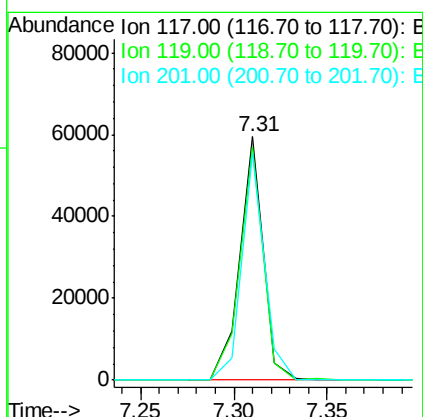
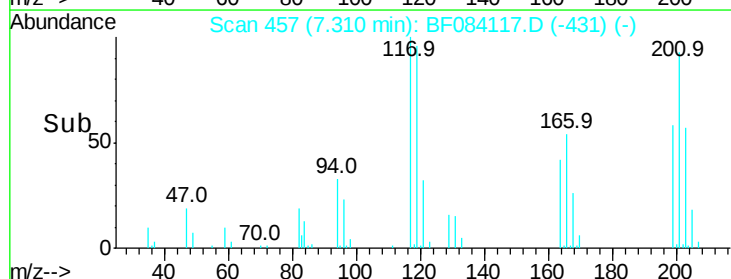
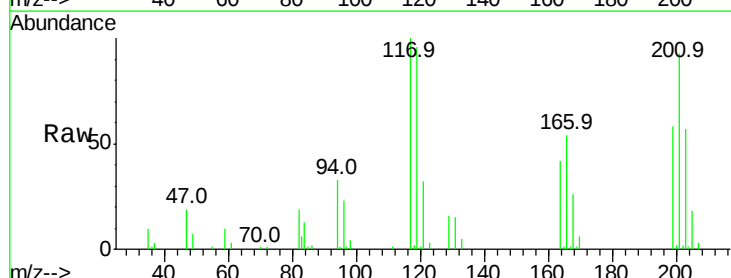
Manual Integrations
APPROVED

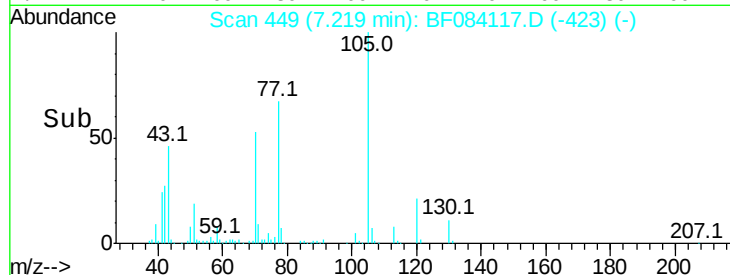
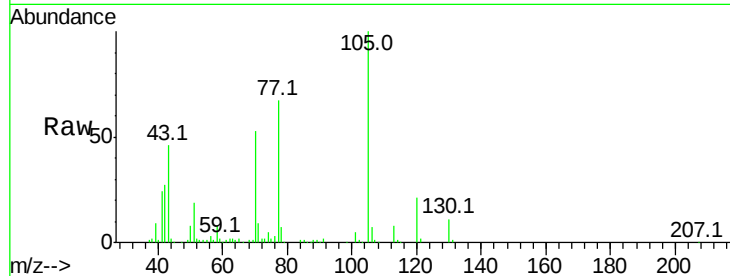
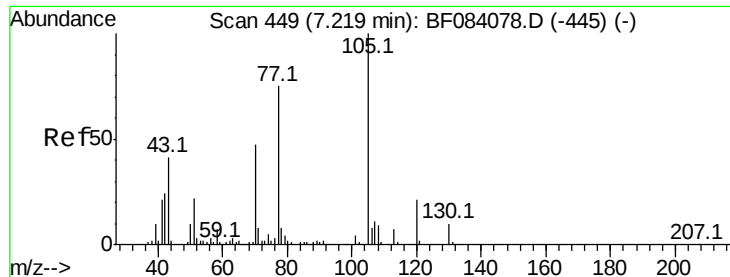
Sohil
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#18
Hexachloroethane
Concen: 36.52 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.4	116.0	
201	93.4	68.6	103.0	





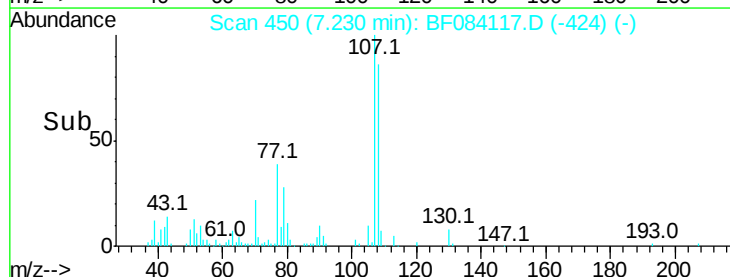
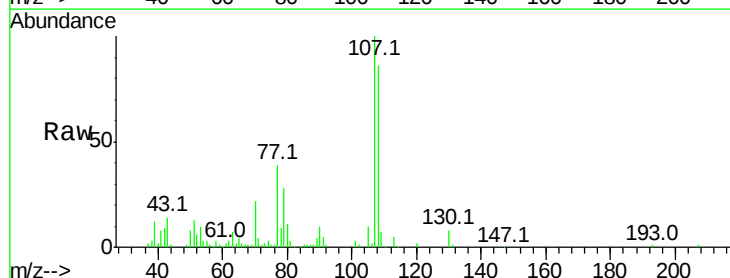
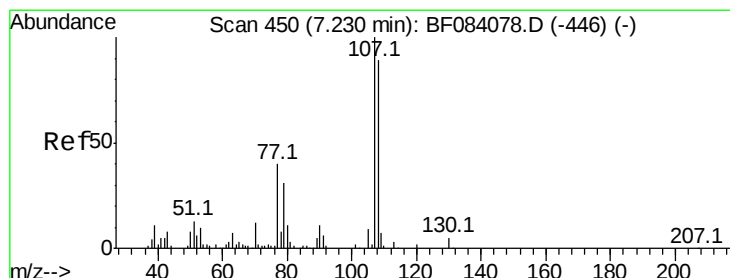
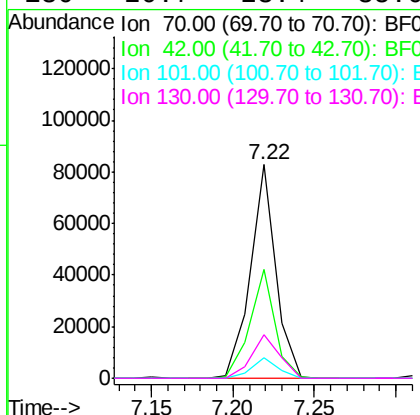
#19
n-Nitroso-di-n-propylamine
Concen: 40.84 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	33.3	49.9#
101	9.7	9.3	13.9
130	20.7	23.4	35.0#

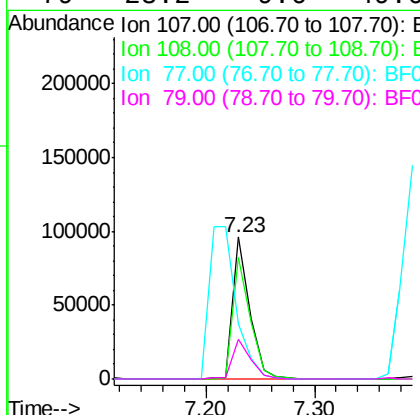
Manual Integrations
APPROVED

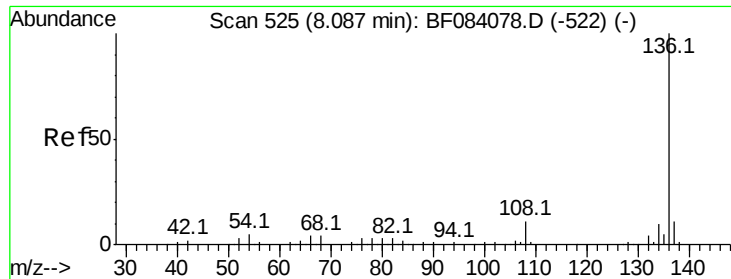
Sohil
12/28/2015 1:10:15 PM



#20
3+4-Methylphenols
Concen: 29.19 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	64.1	104.1
77	39.1	128.9	168.9#
79	28.2	9.6	49.6





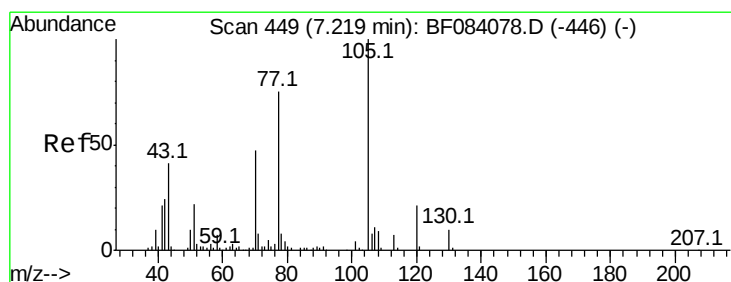
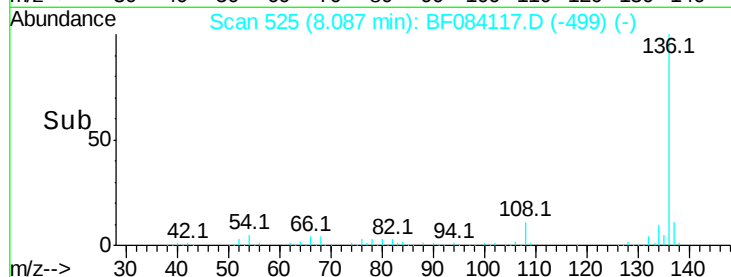
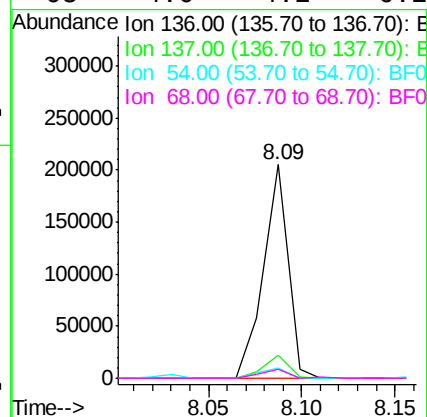
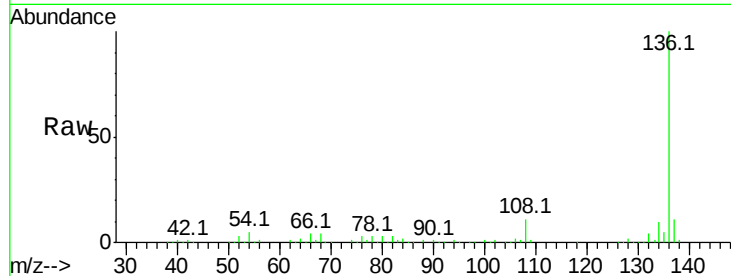
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.7	13.1
54	5.0	5.8	8.8#
68	4.0	4.2	6.2#

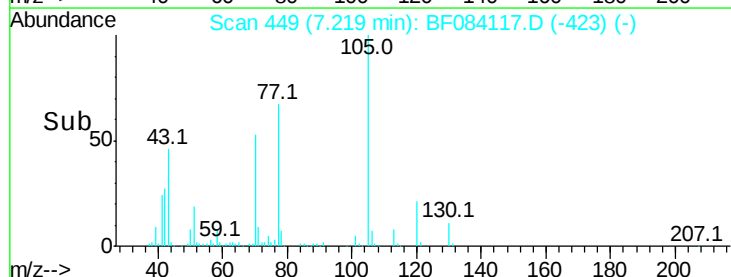
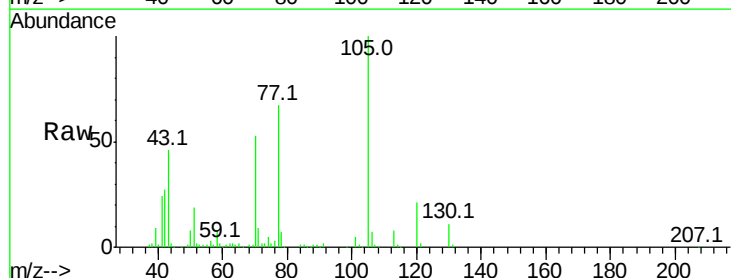
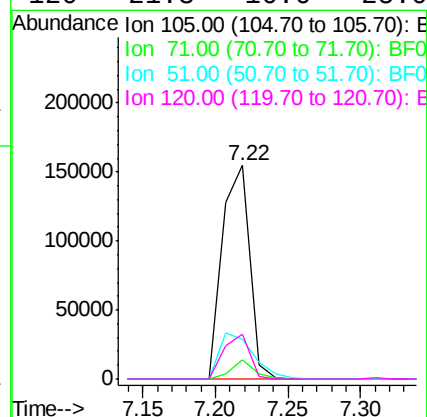
Manual Integrations
APPROVED

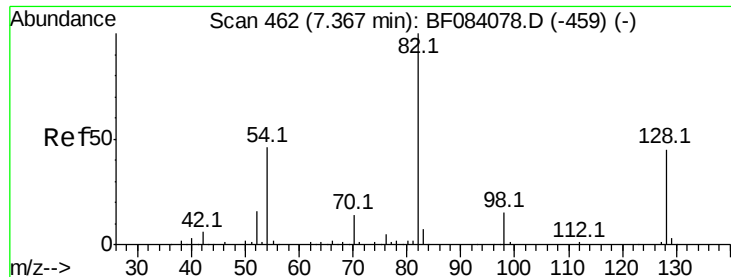
Sohil
12/28/2015 1:10:15 PM



#22
Acetophenone
Concen: 43.29 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.8	3.7	5.5#
51	18.6	25.1	37.7#
120	21.3	16.6	25.0





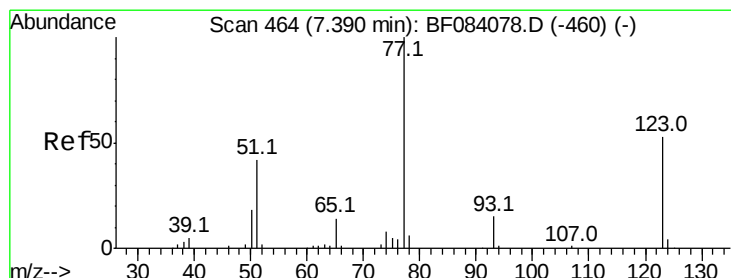
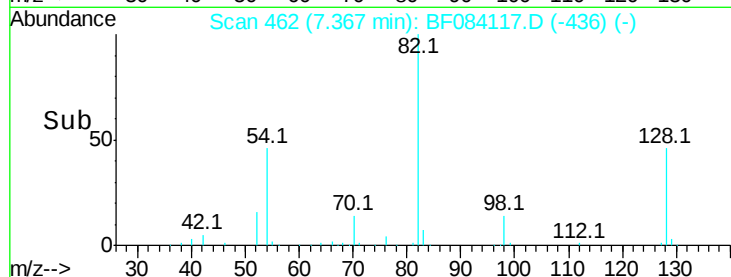
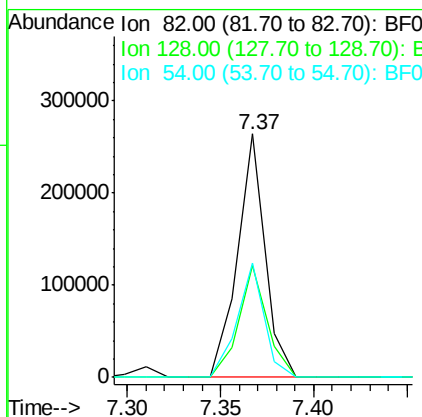
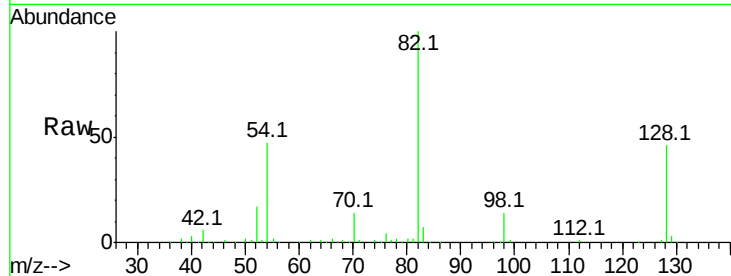
#23
 Nitrobenzene-d5
 Concen: 85.43 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	272710		
128	45.9	34.6	51.8	
54	47.0	38.4	57.6	

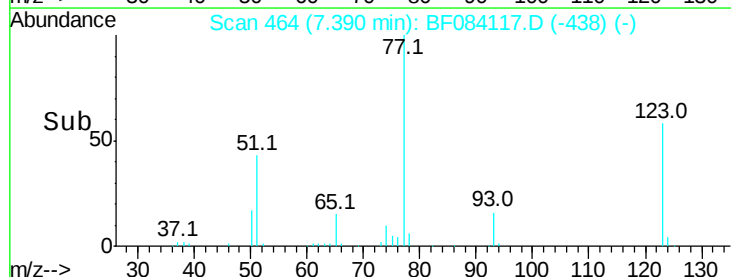
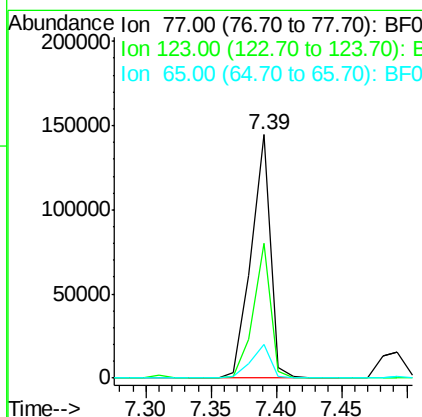
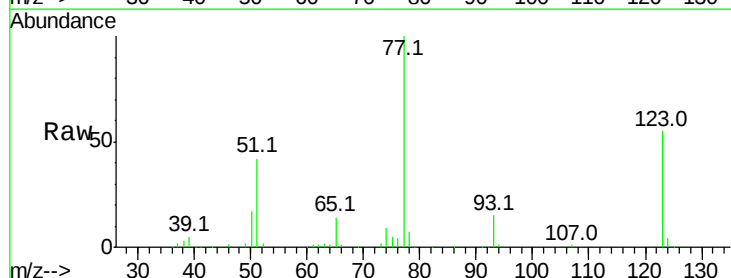
Manual Integrations
 APPROVED

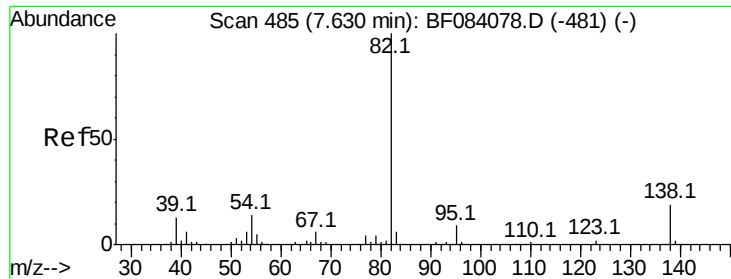
Sohil
 12/28/2015 1:10:15 PM



#24
 Nitrobenzene
 Concen: 43.93 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	148893		
123	55.4	37.4	56.2	
65	13.7	10.9	16.3	





#25

Isophorone

Concen: 45.01 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

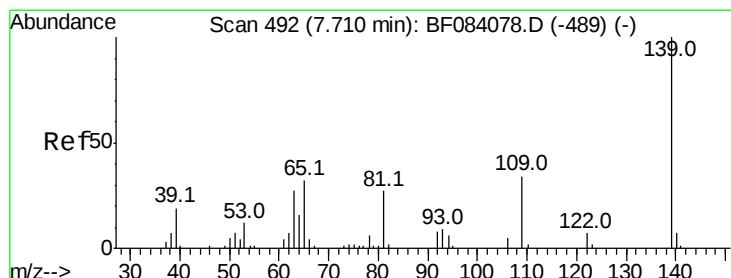
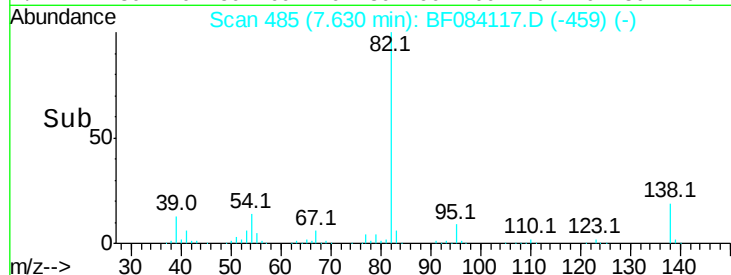
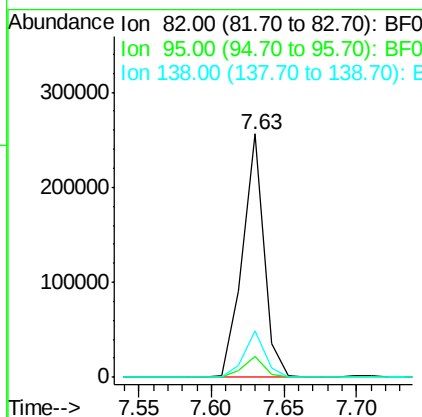
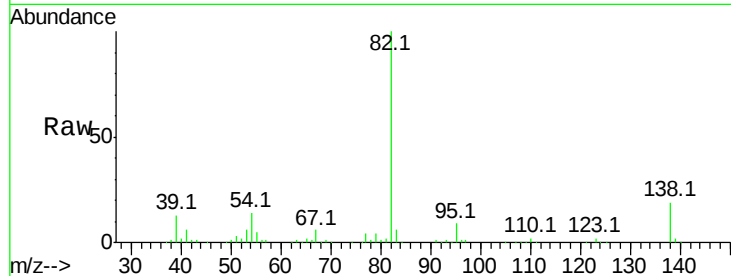
ClientSampleId :

PZ-1-122315MS

Tot Ion:	82	Resp:	265814
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.6	10.0
138	19.2	13.6	20.4

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:15 PM



#26

2-Nitrophenol

Concen: 43.20 ng

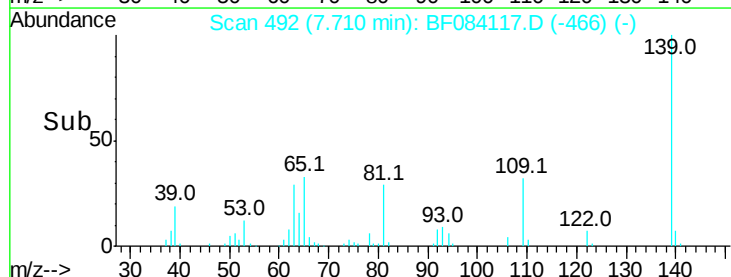
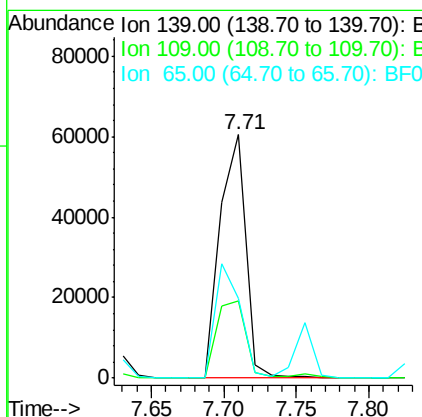
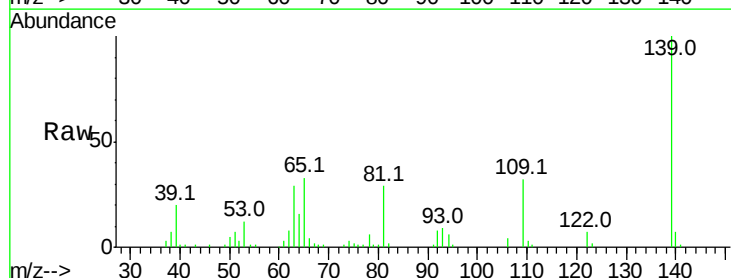
RT: 7.71 min Scan# 492

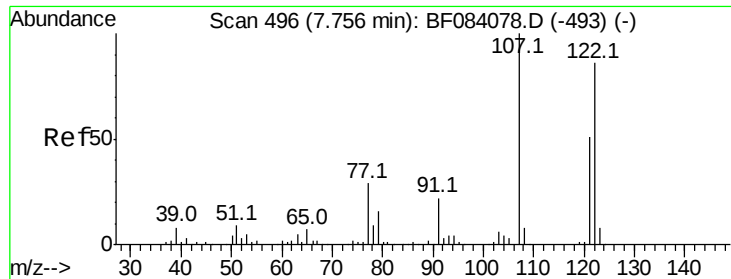
Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	139	Resp:	74939
Ion Ratio	Lower	Upper	
139	100		
109	31.9	25.4	38.2
65	32.9	32.3	48.5





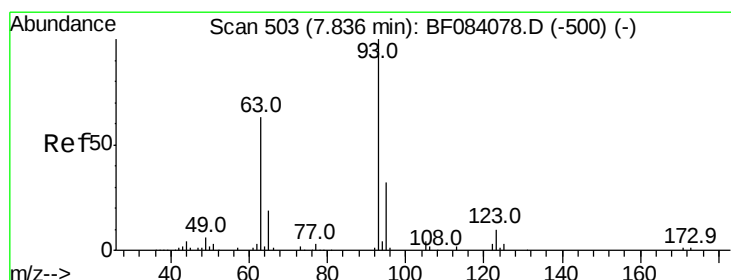
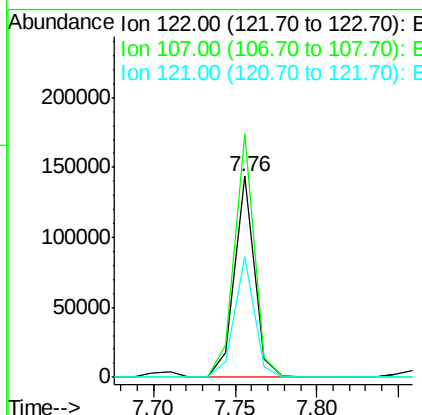
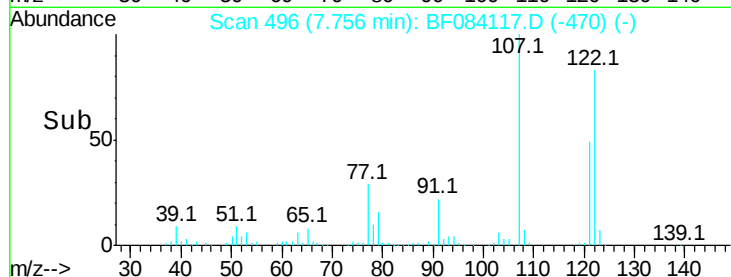
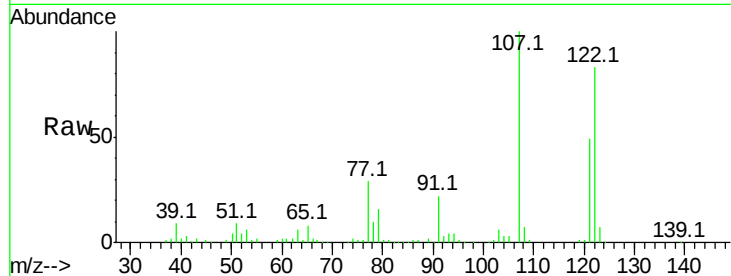
#27
 2,4-Dimethylphenol
 Concen: 42.04 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion:	122	Resp:	121044
Ion Ratio	Lower	Upper	
122	100		
107	121.0	99.1	148.7
121	59.8	47.9	71.9

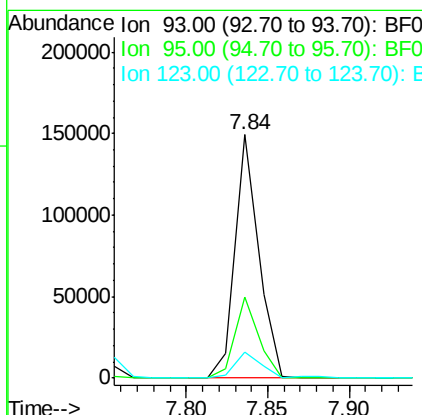
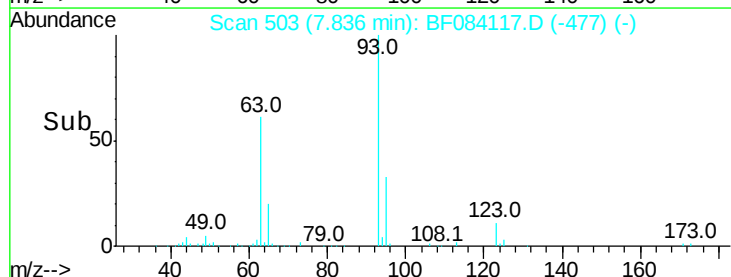
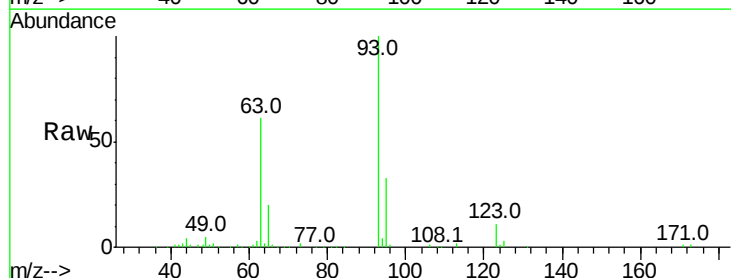
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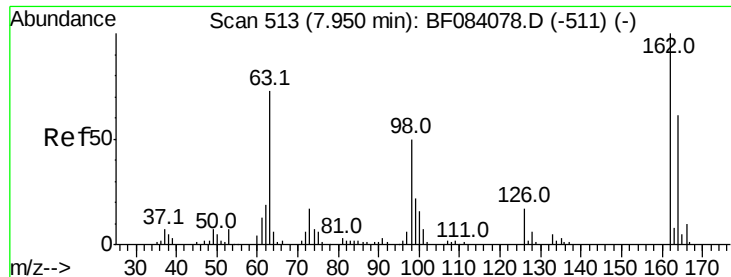
Sohil
 12/28/2015 1:10:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.19 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion:	93	Resp:	148679
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.8	38.6
123	10.6	8.6	12.8





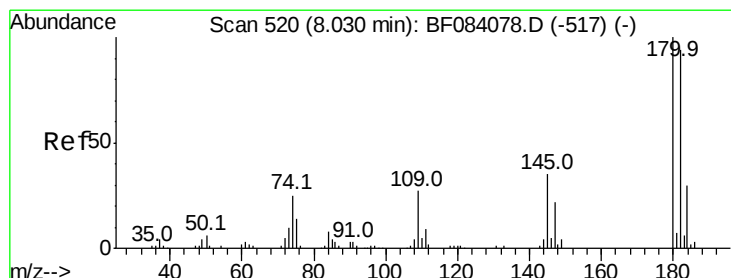
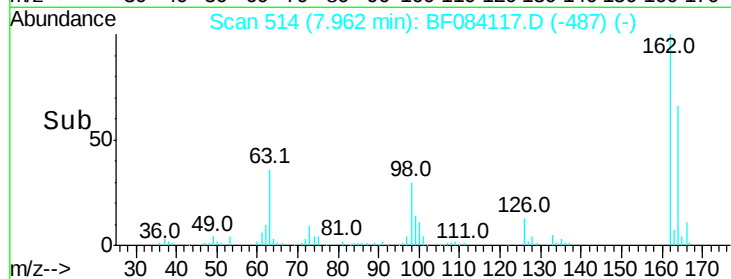
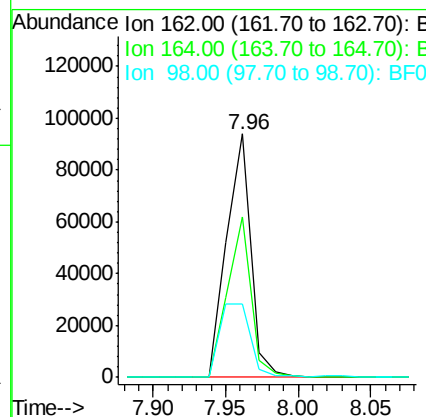
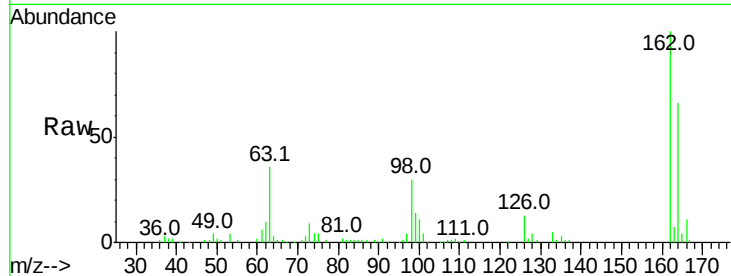
#29
 2,4-Dichlorophenol
 Concen: 40.76 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion:	162	Resp:	109010
Ion Ratio	Lower	Upper	
162	100		
164	66.1	44.1	84.1
98	29.9	20.2	60.2

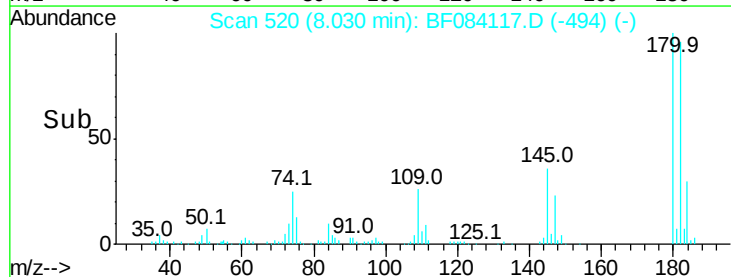
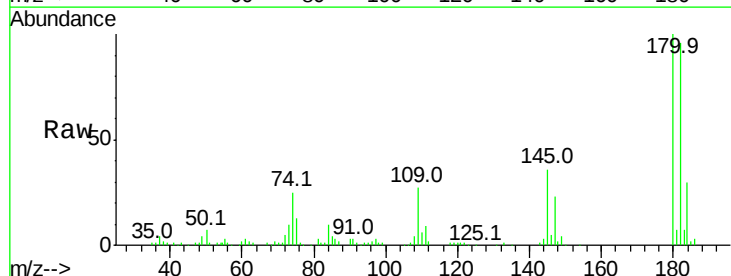
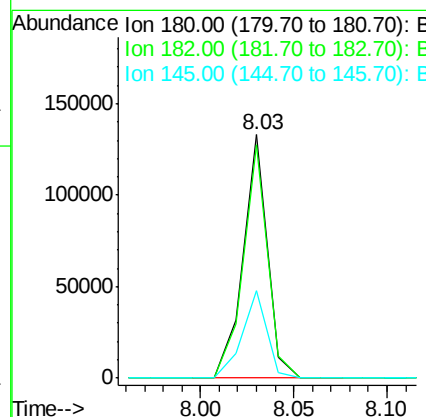
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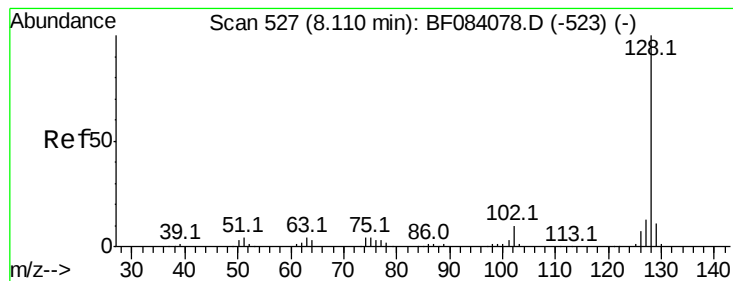
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.43 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion:	180	Resp:	121426
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.4	114.6
145	35.8	31.6	47.4





#31

Naphthalene

Concen: 43.70 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

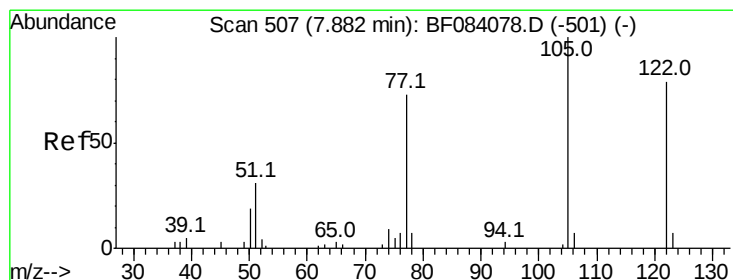
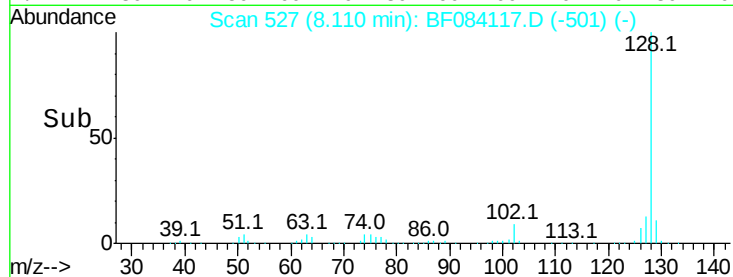
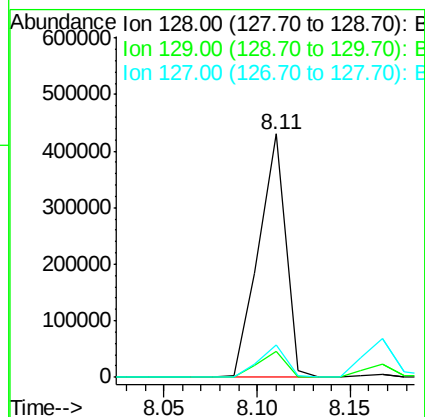
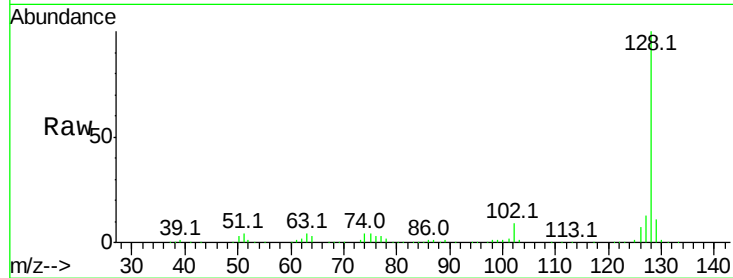
ClientSampleId :

PZ-1-122315MS

Tot Ion:	128	Resp:	434451
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.1	13.7
127	13.4	11.1	16.7

Manual Integrations
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#32

Benzoic acid

Concen: 14.77 ng

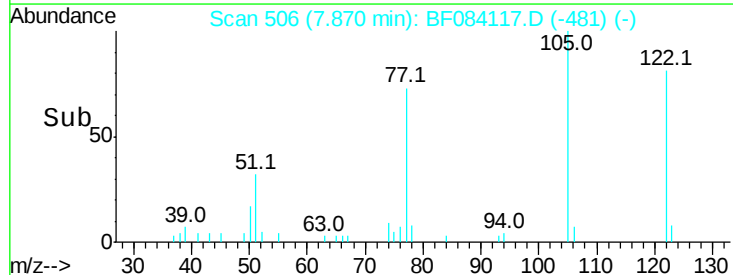
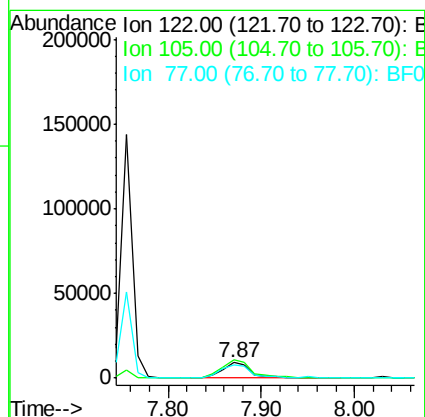
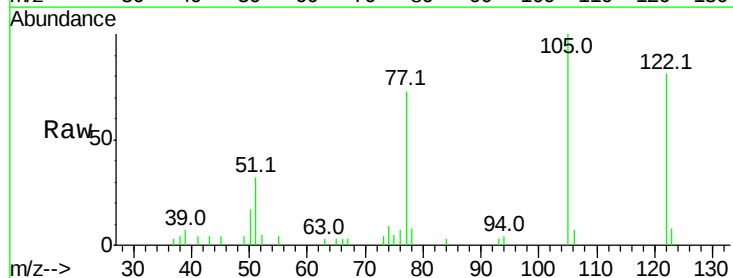
RT: 7.87 min Scan# 506

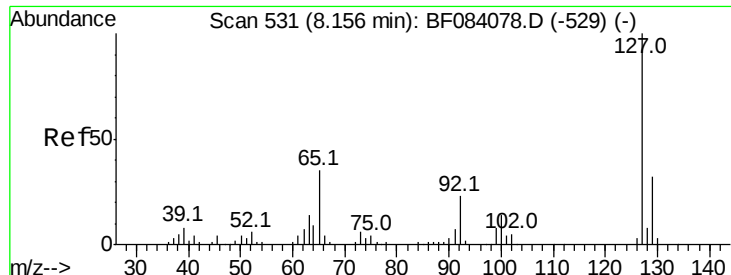
Delta R.T. -0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	122	Resp:	20393
Ion Ratio	Lower	Upper	
122	100		
105	123.2	100.3	140.3
77	90.0	63.5	103.5





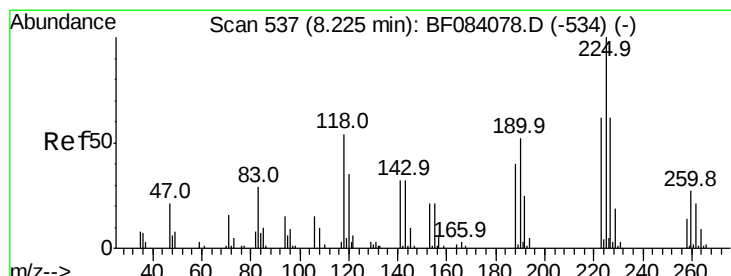
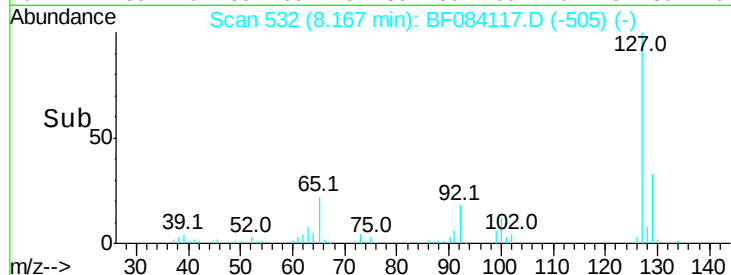
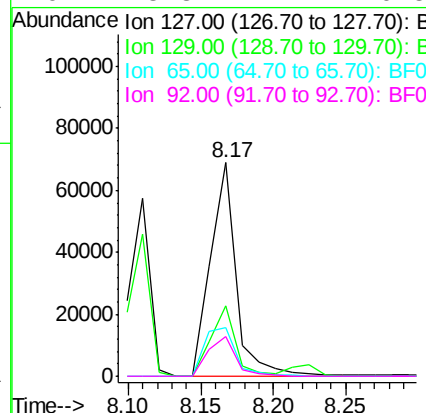
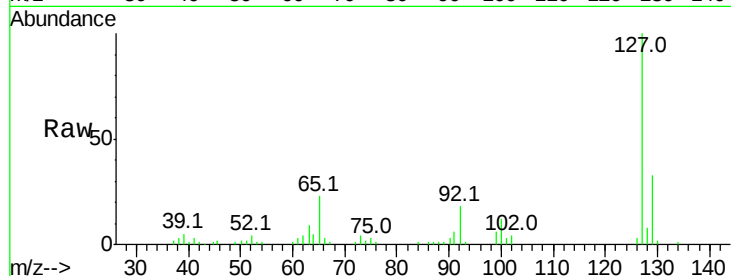
#33
4-Chloroaniline
Concen: 21.55 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.5	39.7		
65	22.8	27.2	40.8		
92	18.3	17.7	26.5		

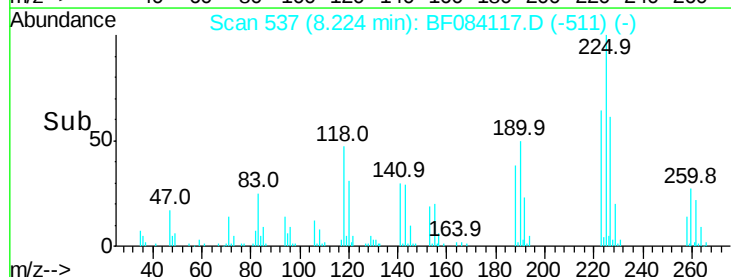
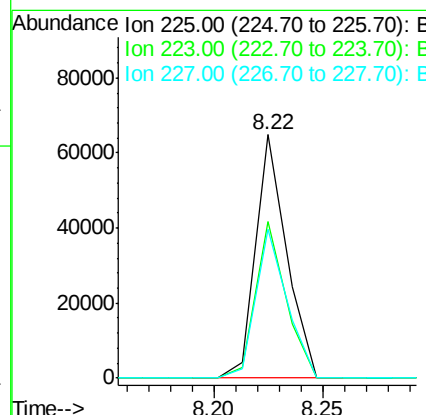
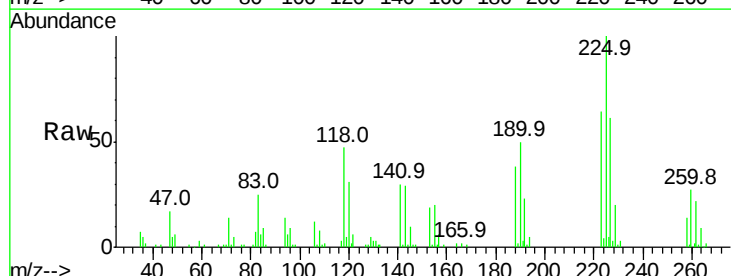
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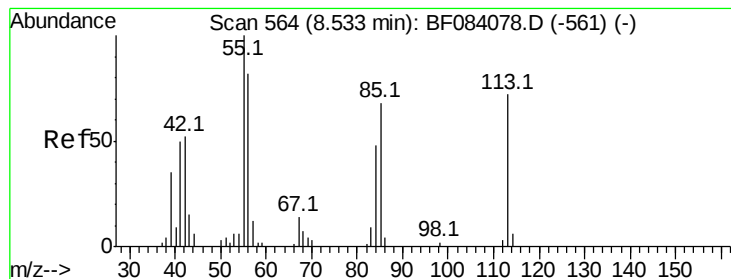
Sohil
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#34
Hexachlorobutadiene
Concen: 38.32 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	49.4	74.0		
227	61.2	50.8	76.2		





#35

Caprolactam

Concen: 10.11 ng

RT: 8.61 min Scan# 571

Delta R.T. 0.08 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

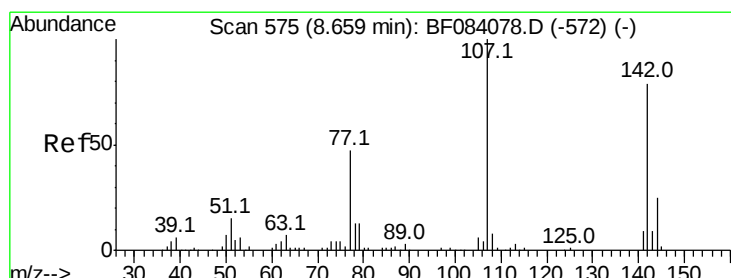
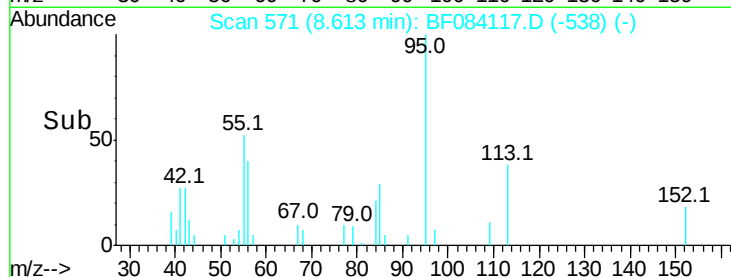
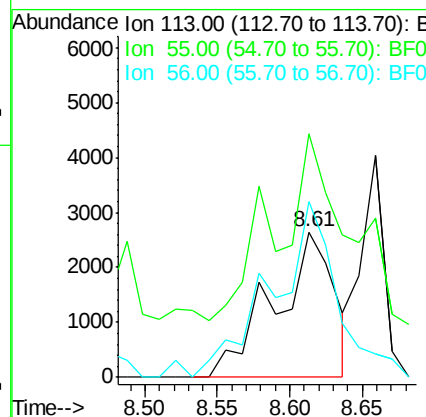
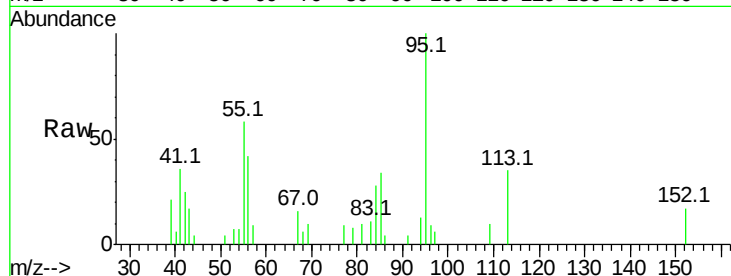
ClientSampleId :

PZ-1-122315MS

Tot Ion:	113	Resp:	7496
Ion Ratio	Lower	Upper	
113	100		
55	167.8	116.9	156.9#
56	120.9	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 42.13 ng

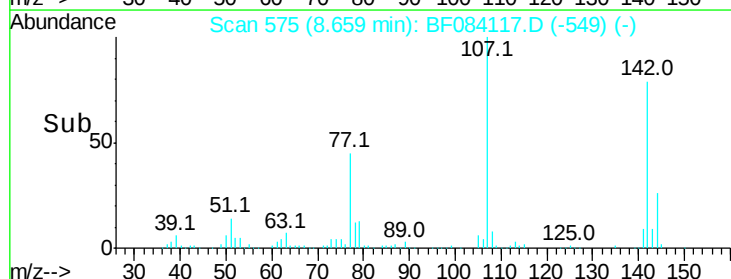
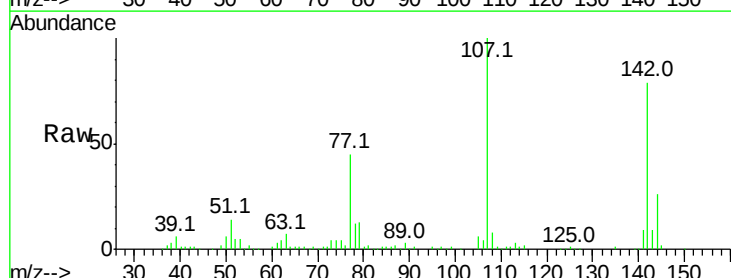
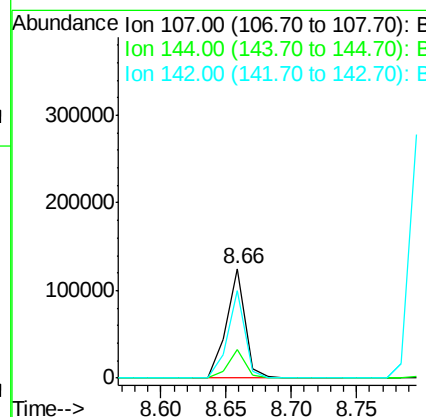
RT: 8.66 min Scan# 575

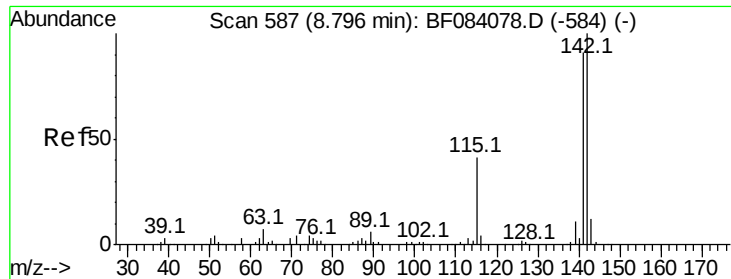
Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	107	Resp:	126678
Ion Ratio	Lower	Upper	
107	100		
144	25.6	19.7	29.5
142	79.4	61.8	92.6





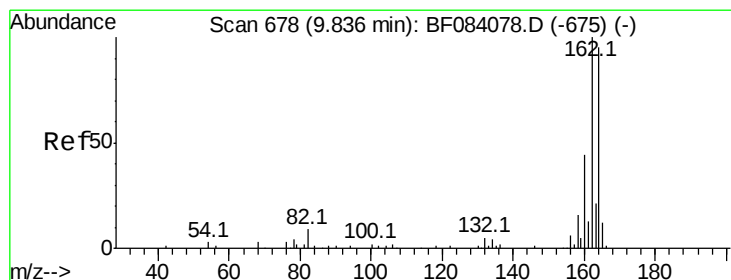
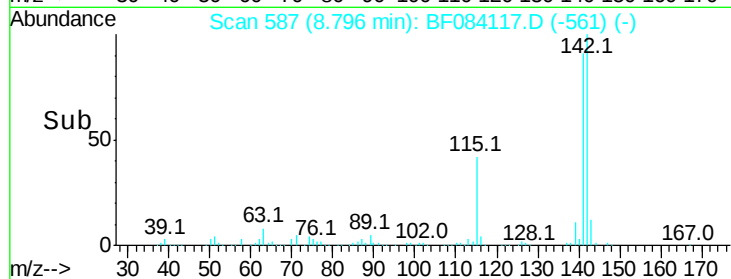
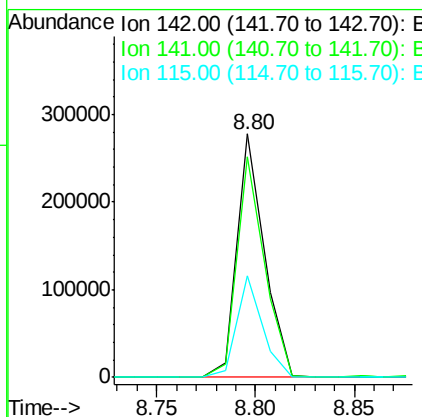
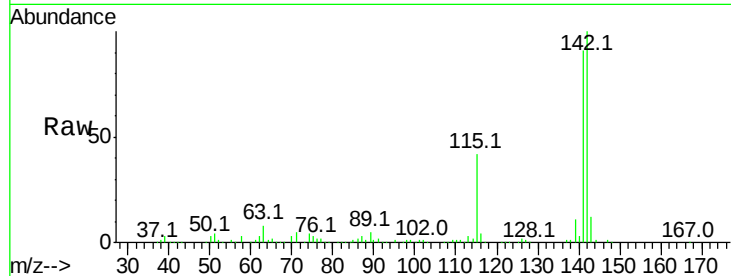
#37
 2-Methylnaphthalene
 Concen: 43.46 ng/ml
 RT: 8.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	270492		
141	90.5	72.4	108.6	
115	41.9	27.9	41.9	

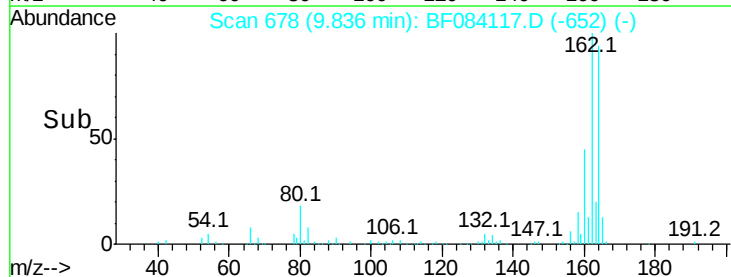
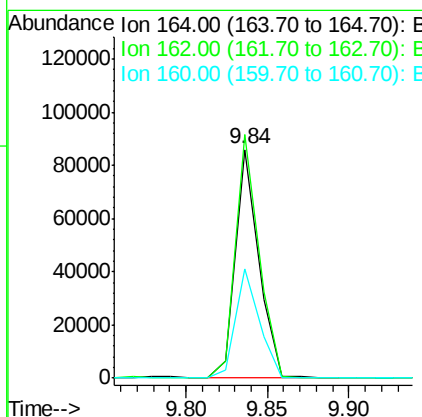
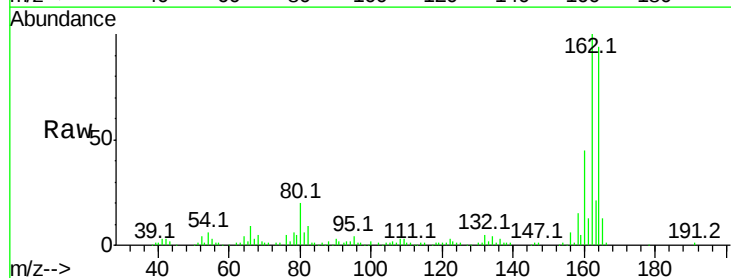
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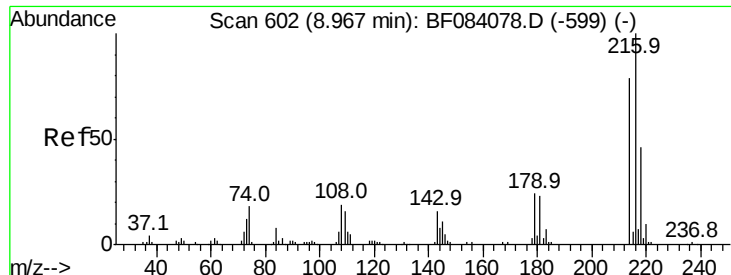
Sohil
 12/28/2015 1:10:15 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng/ml
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84480		
162	106.5	85.1	127.7	
160	47.9	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.47 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

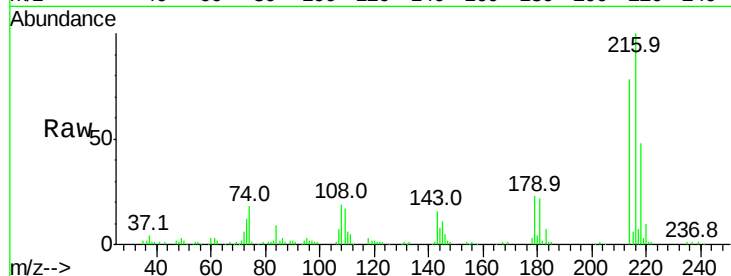
ClientSampleId :

PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.5	64.2	96.2
179	23.7	18.7	28.1
108	22.6	16.8	25.2

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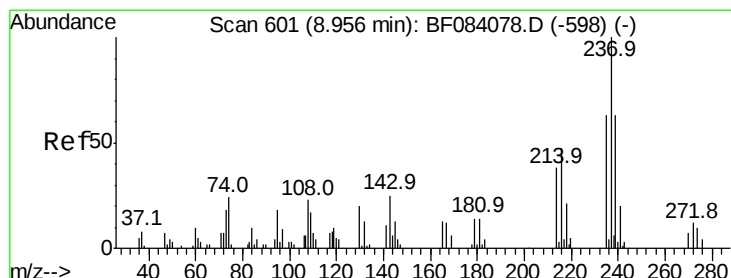
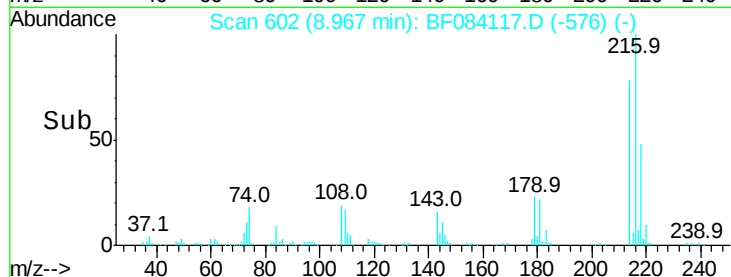
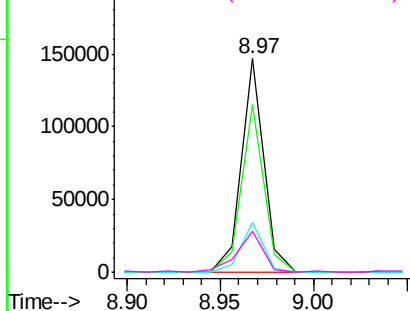


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.72 ng

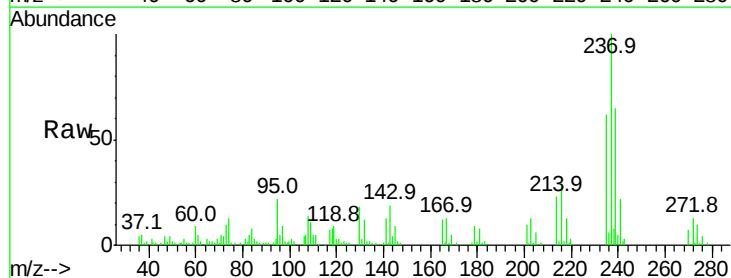
RT: 8.96 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

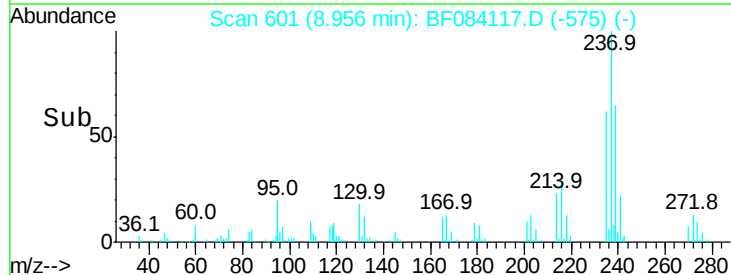
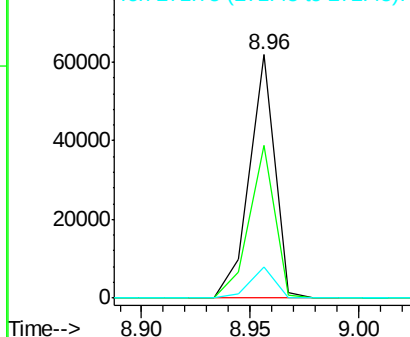
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	43.1	83.1
272	12.6	0.0	35.1

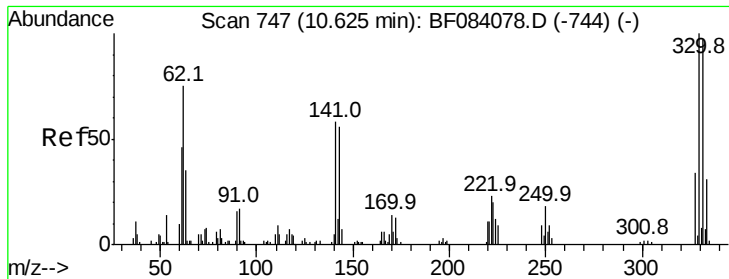


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





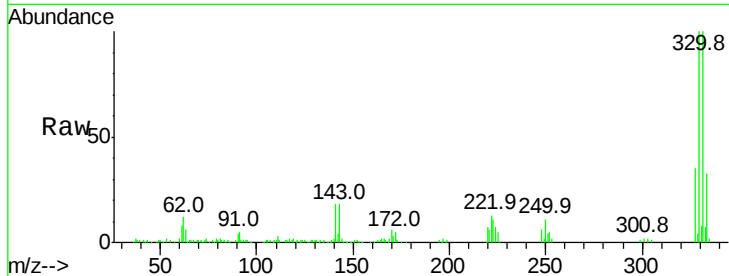
#41
 2,4,6-Tribromophenol
 Concen: 153.47 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

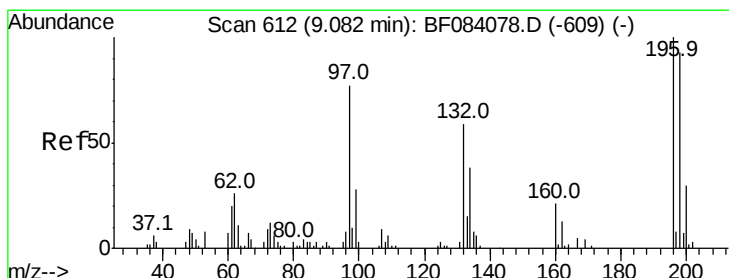
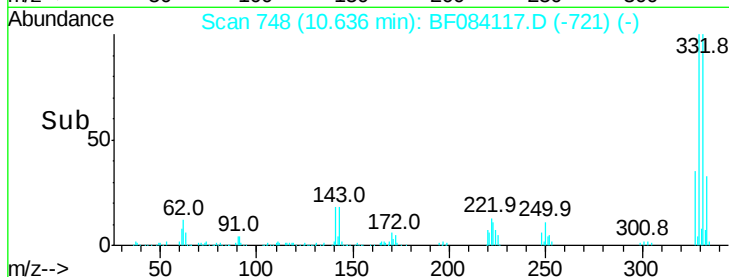
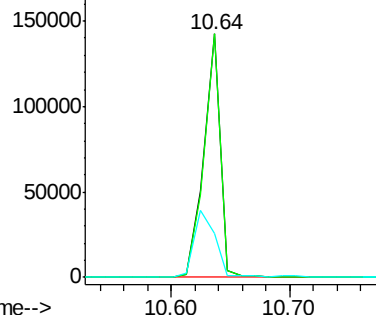
Tot Ion	Ratio	Resp	Lower	Upper
330	100	138260		
332	98.9	76.6	114.8	
141	35.2	27.8	41.6	

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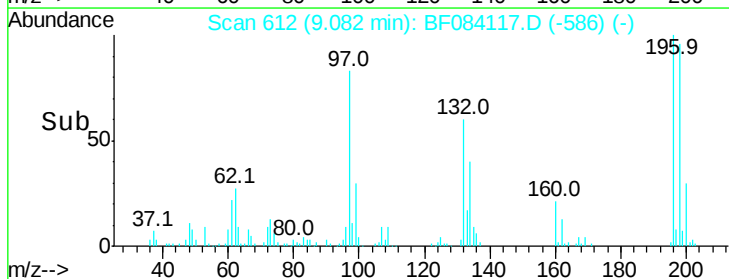
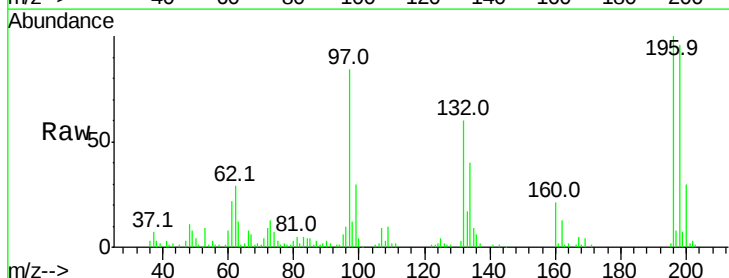
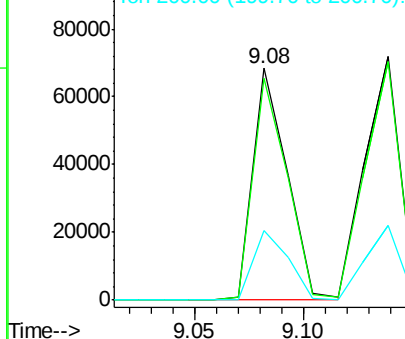
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

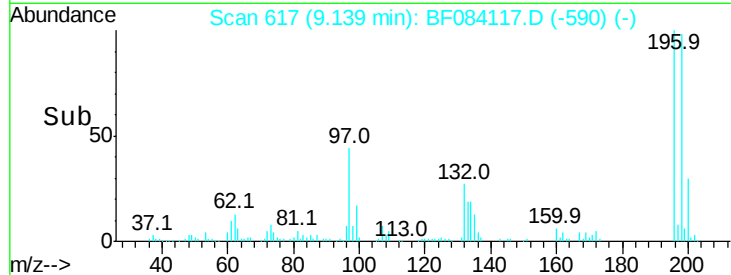
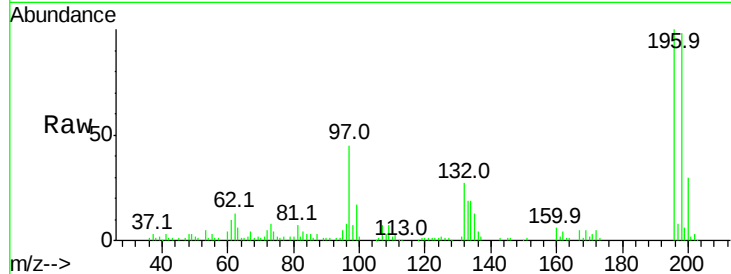
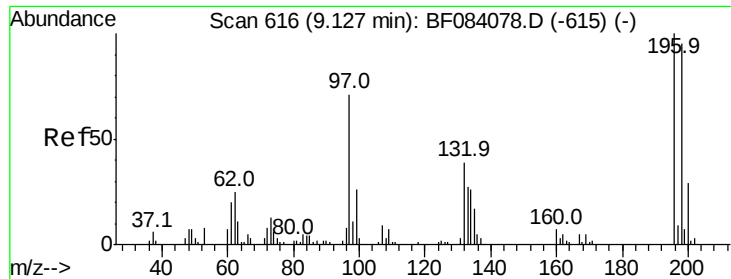


#42
 2,4,6-Trichlorophenol
 Concen: 42.97 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	74612		
198	96.0	77.7	116.5	
200	30.1	24.6	37.0	

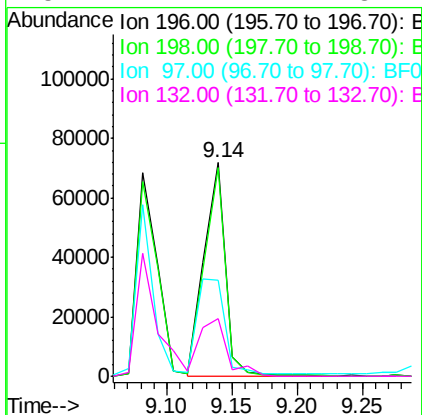
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 47.36 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

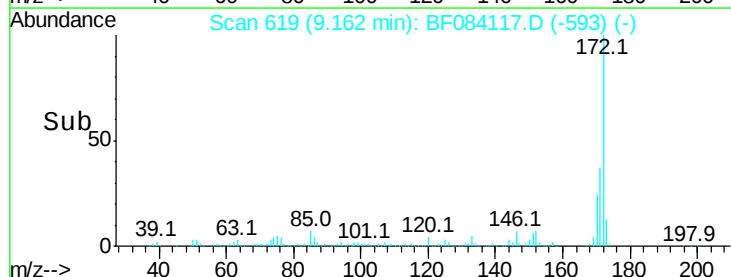
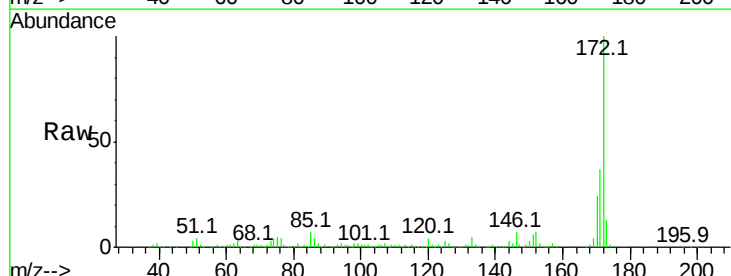
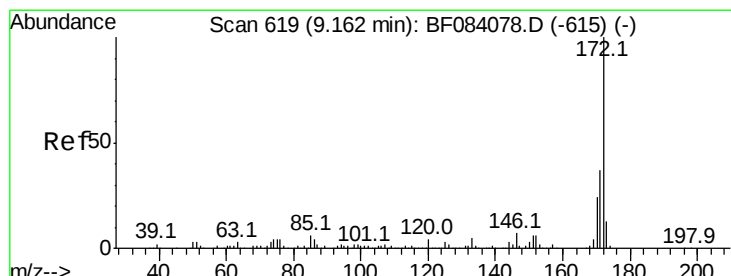
Tot Ion	196	Resp	82312
Ion Ratio	Lower	Upper	
196	100		
198	97.8	79.0	118.6
97	45.0	33.0	49.6
132	27.2	21.1	31.7



Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

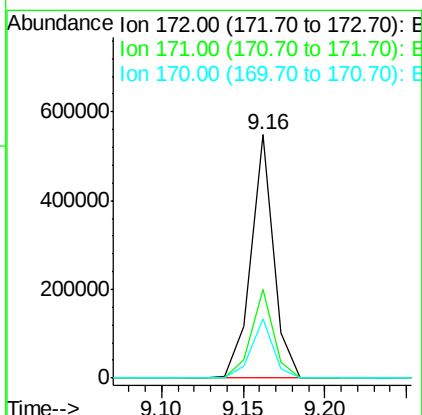
Manual Integrations
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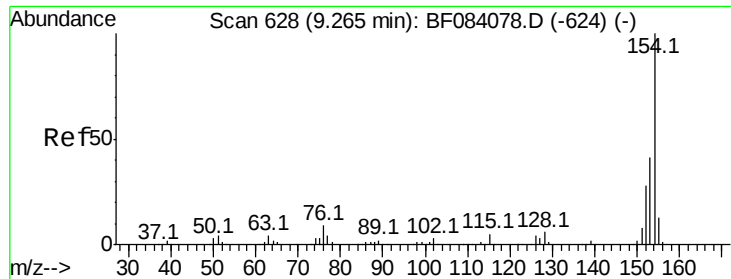
Sohil
12/28/2015 1:10:15 PM



#44
2-Fluorobiphenyl
Concen: 85.56 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	172	Resp	528292
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.9	43.3
170	24.2	18.6	27.8





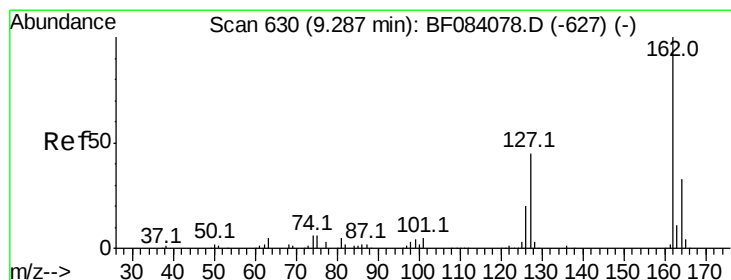
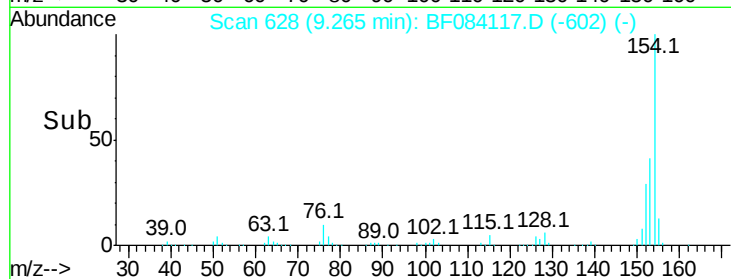
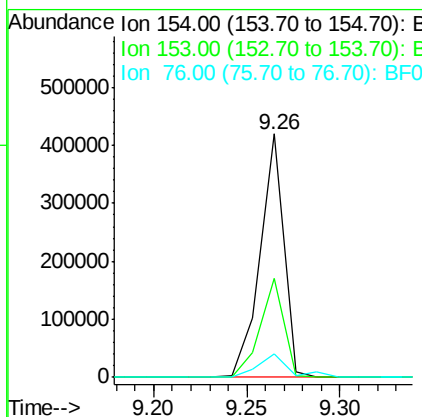
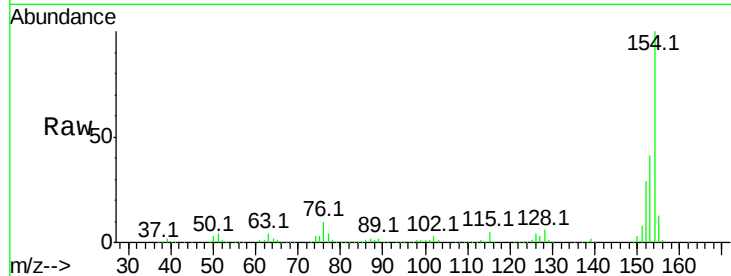
#45
 1,1'-Biphenyl
 Concen: 47.97 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.6	61.6	
76	9.6	0.0	32.7	

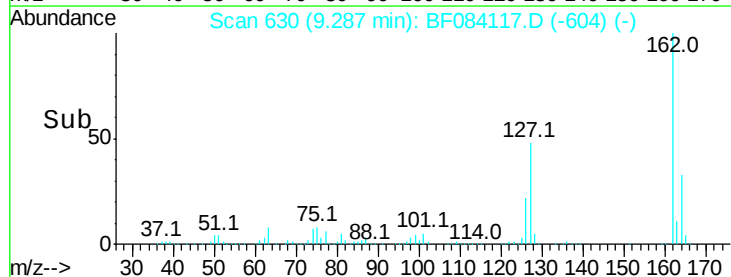
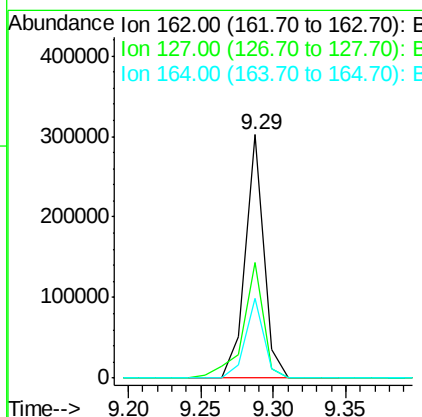
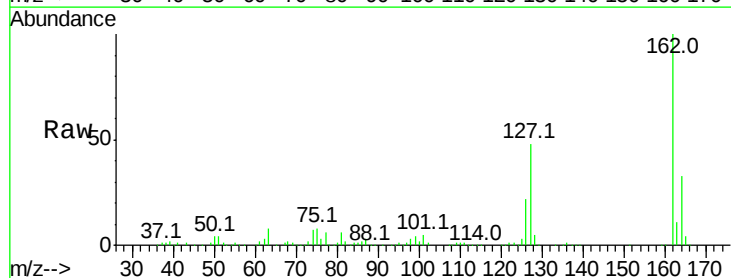
Manual Integrations
 APPROVED

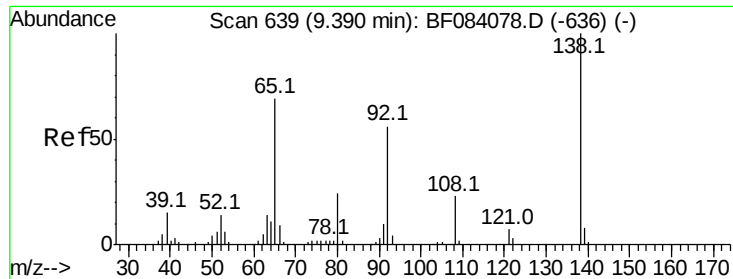
Sohil
 12/28/2015 1:10:15 PM



#46
 2-Chloronaphthalene
 Concen: 46.06 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	47.6	40.2	60.4	
164	32.8	25.7	38.5	





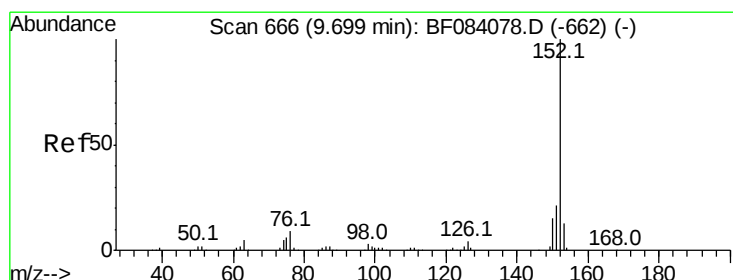
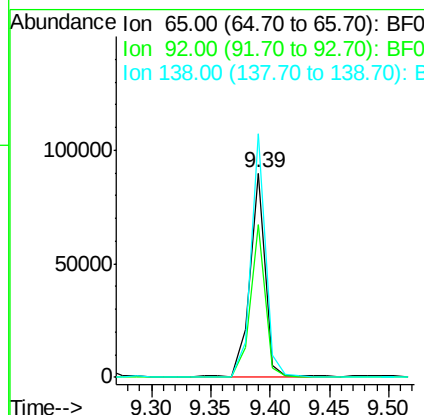
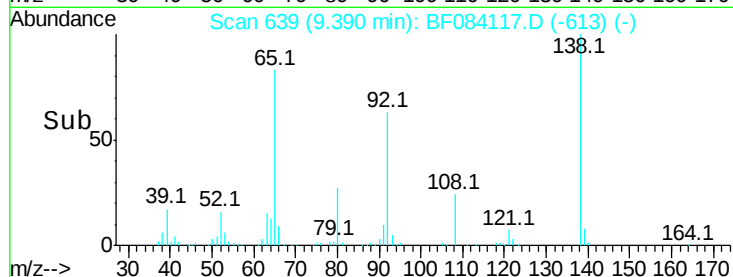
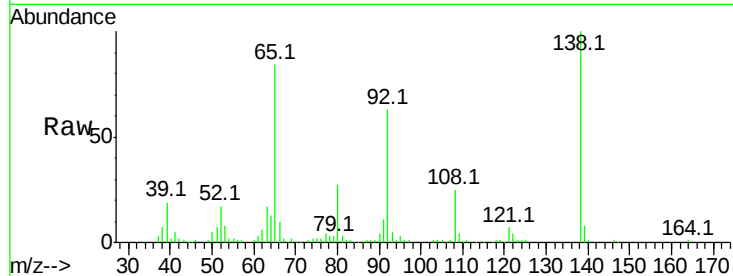
#47
 2-Nitroaniline
 Concen: 52.48 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Upper
65	100		
92	74.8	53.4	80.2
138	119.3	71.1	106.7

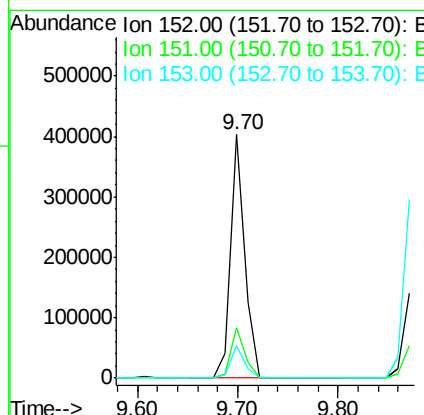
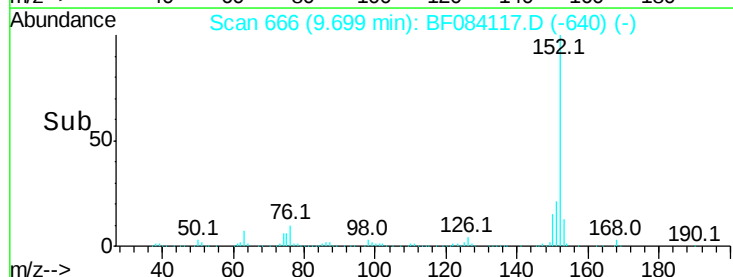
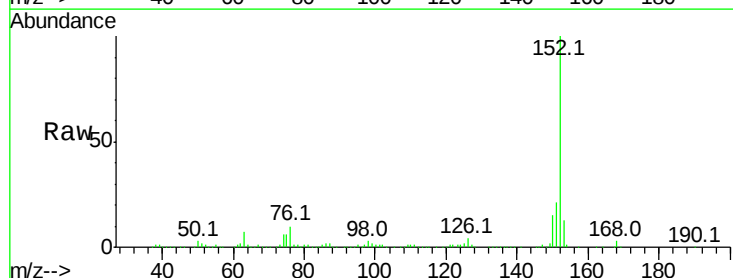
Manual Integrations
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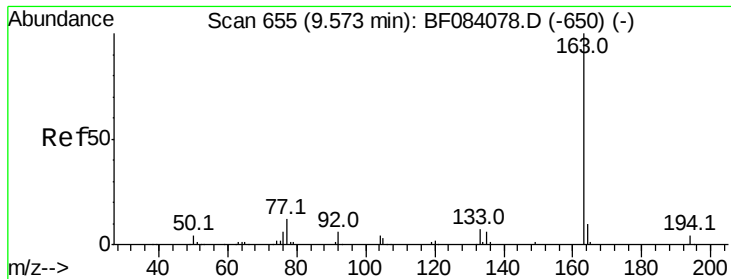
Sohil
 12/28/2015 1:10:15 PM



#48
 Acenaphthylene
 Concen: 41.24 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.4	10.4	15.6





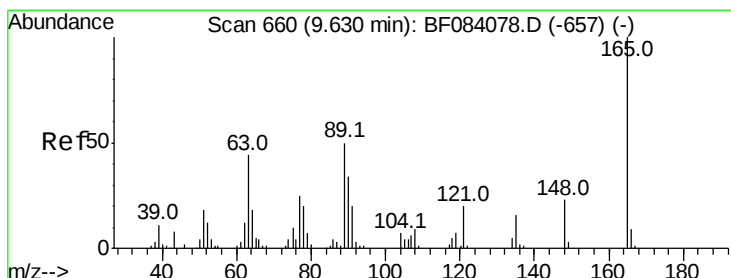
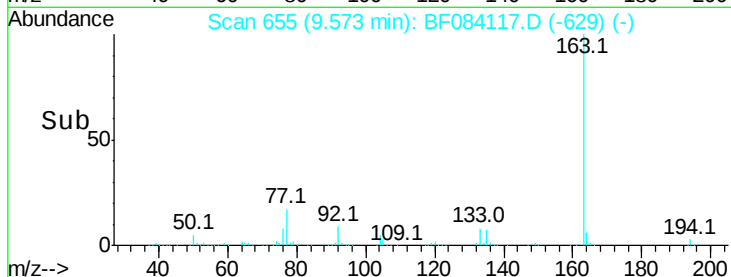
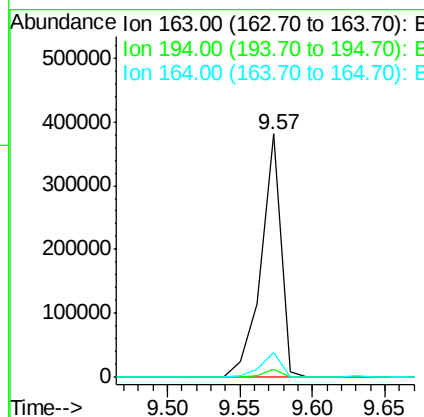
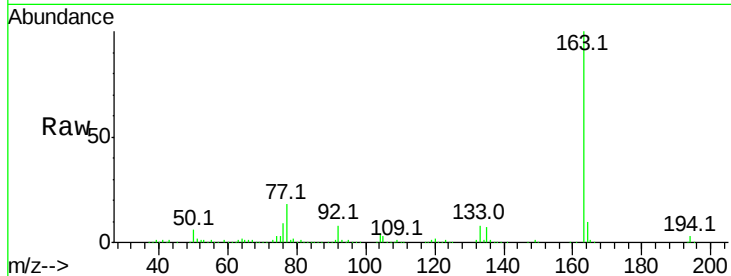
#49
Dimethylphthalate
Concen: 52.00 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	10.2	8.0	12.0

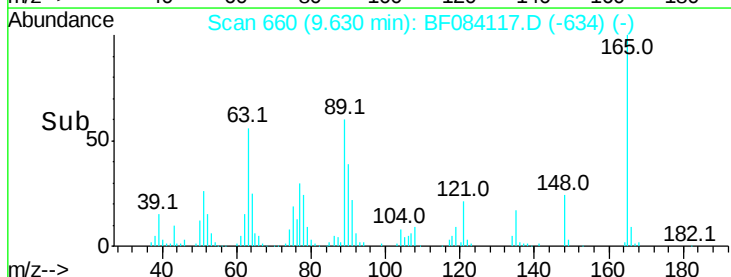
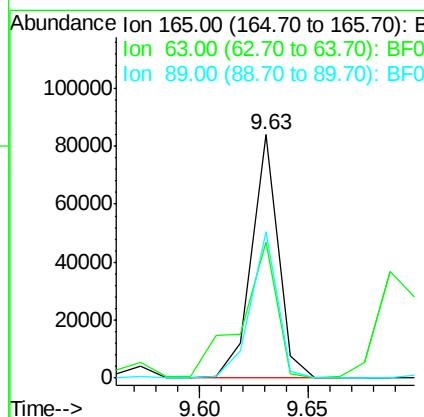
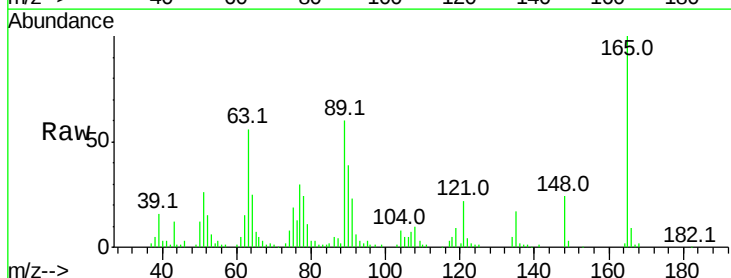
Manual Integrations
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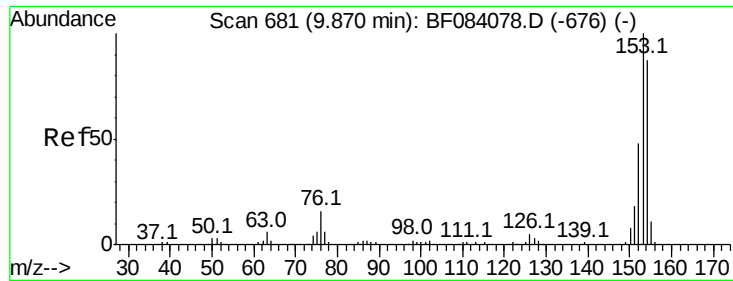
Sohil
12/28/2015 1:10:15 PM



#50
2,6-Dinitrotoluene
Concen: 48.11 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	56.1	28.8	43.2#
89	60.2	35.1	52.7#





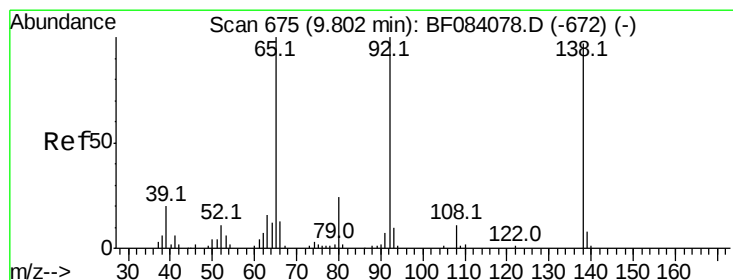
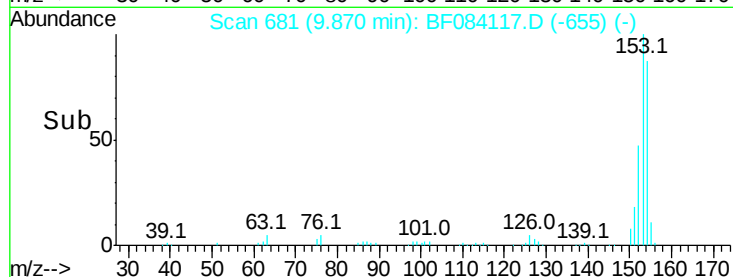
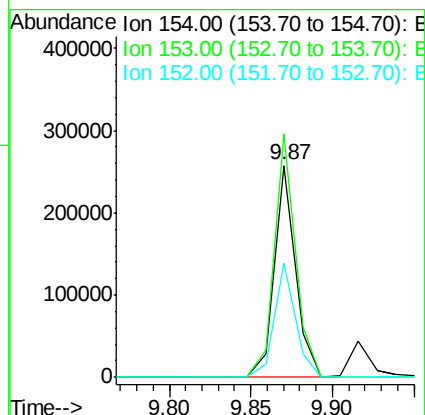
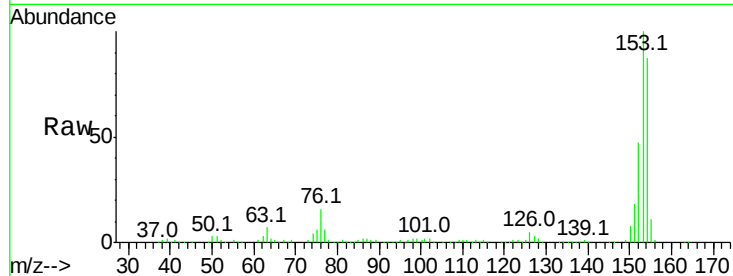
#51
Acenaphthene
Concen: 42.52 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.5	137.3
152	54.2	43.0	64.6

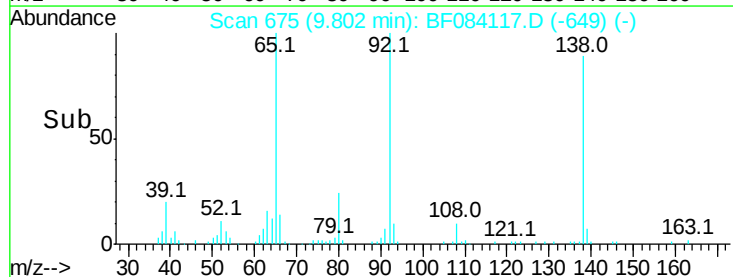
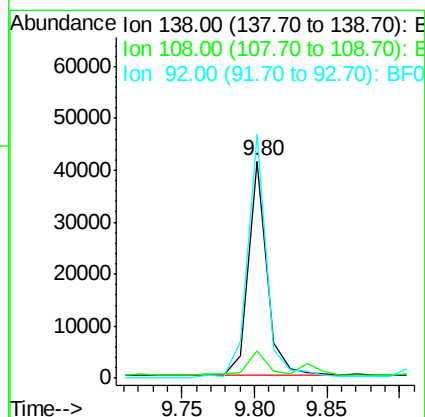
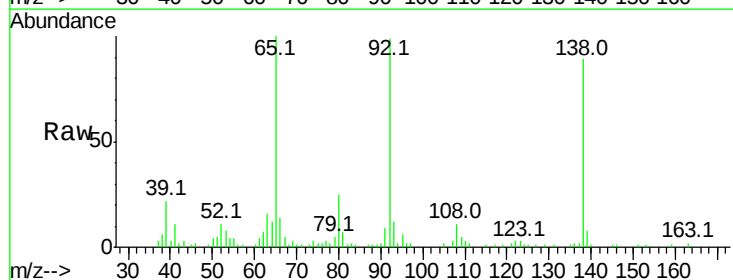
Manual Integrations
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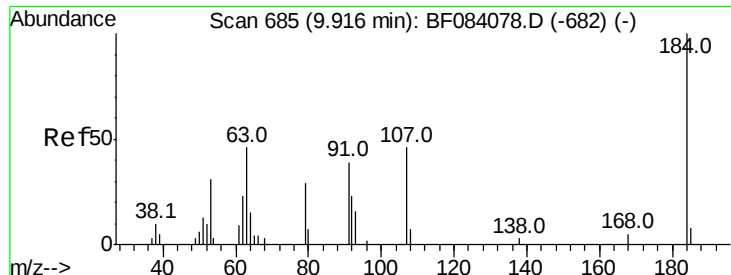
Sohil
12/28/2015 1:10:15 PM



#52
3-Nitroaniline
Concen: 23.10 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.7	10.5	15.7
92	112.2	103.9	155.9





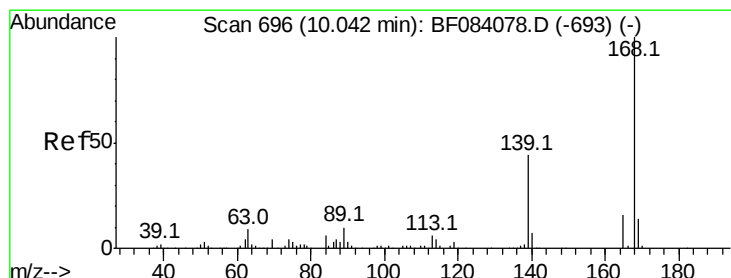
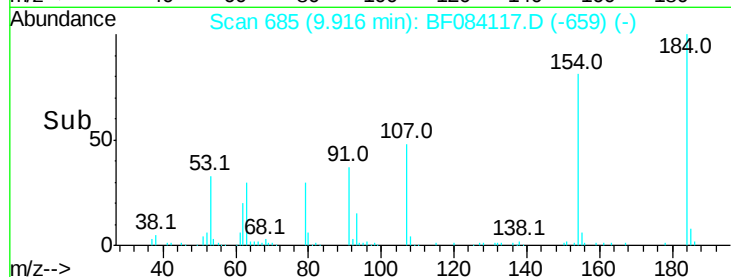
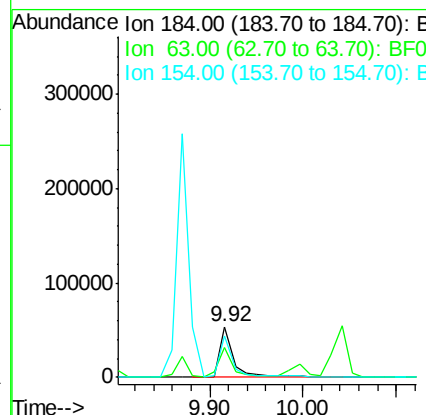
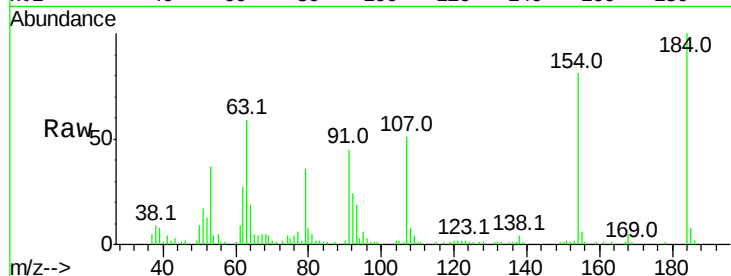
#53
 2,4-Dinitrophenol
 Concen: 92.96 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	57164		
63	58.6	43.1	64.7	
154	81.2	60.5	90.7	

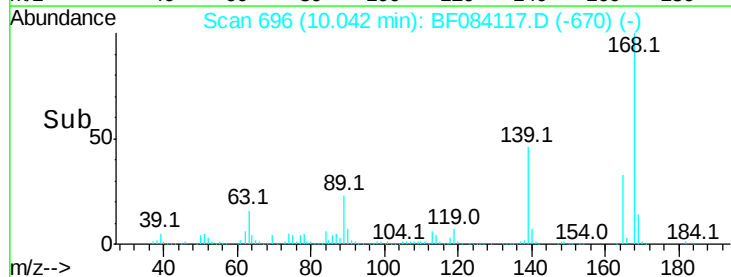
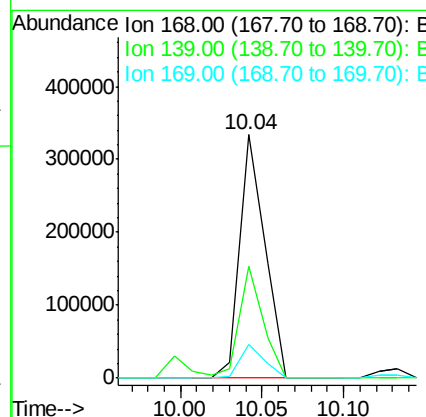
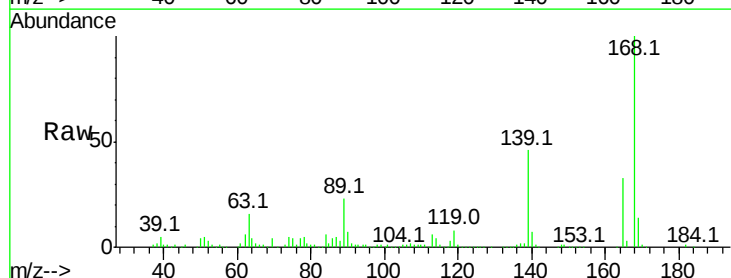
Manual Integrations
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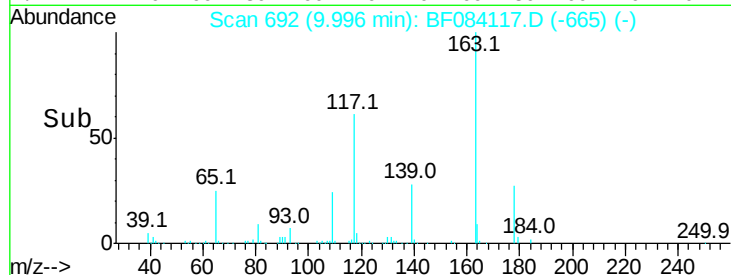
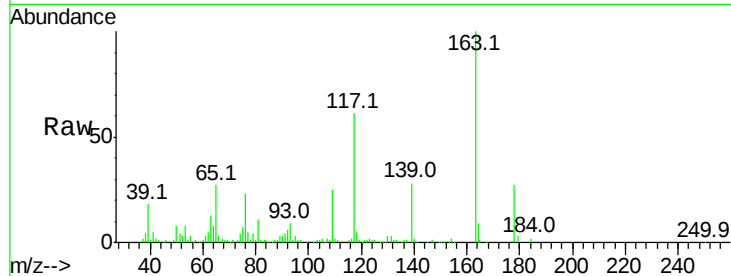
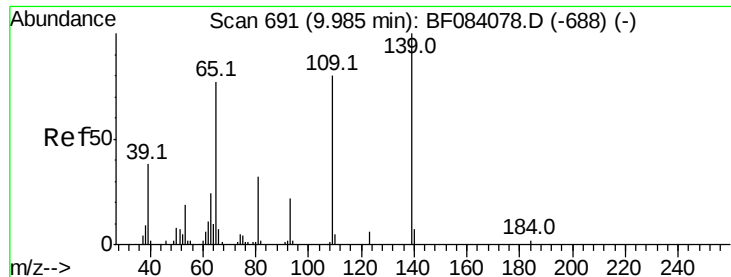
Sohil
 12/28/2015 1:10:15 PM



#54
 Dibenzofuran
 Concen: 46.34 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	353191		
139	46.1	30.5	45.7#	
169	13.9	10.4	15.6	





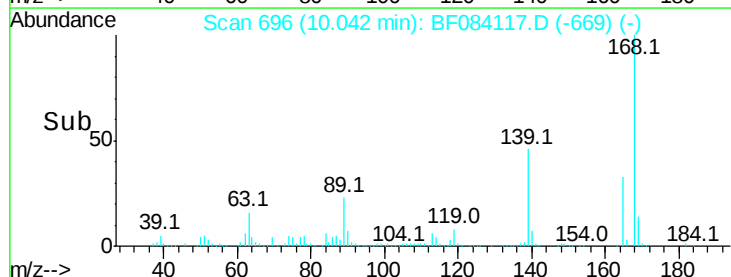
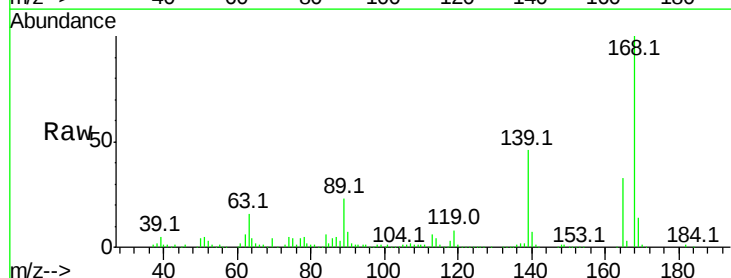
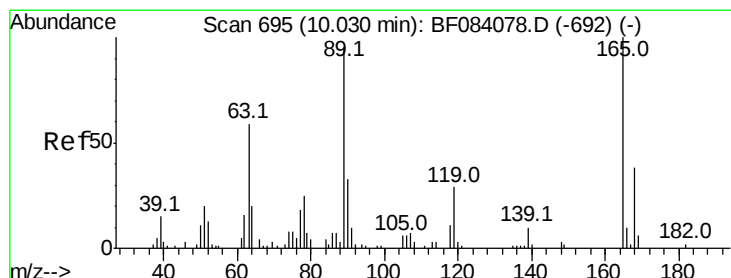
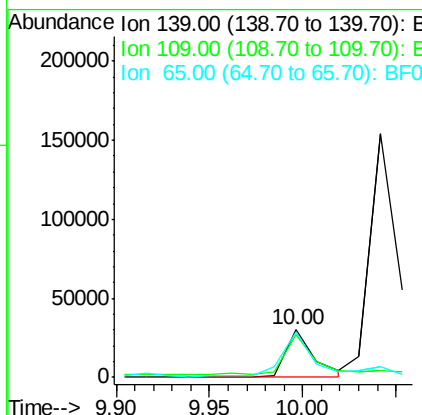
#55
4-Nitrophenol
Concen: 37.42 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	91.4	58.5	98.5	
65	95.9	57.6	97.6	

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

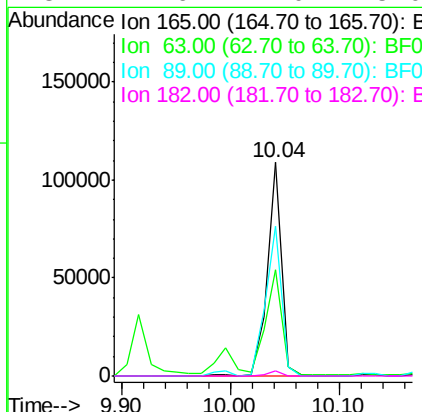
Manual Integrations
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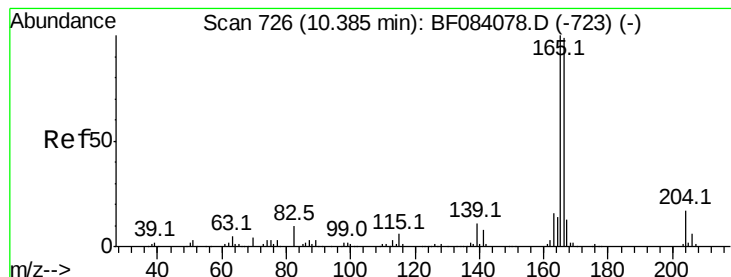
Sohil
12/28/2015 1:10:15 PM



#56
2,4-Dinitrotoluene
Concen: 51.38 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.9	36.7	55.1	
89	70.3	61.9	92.9	
182	2.6	2.0	3.0	





#57

Fluorene

Concen: 43.34 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

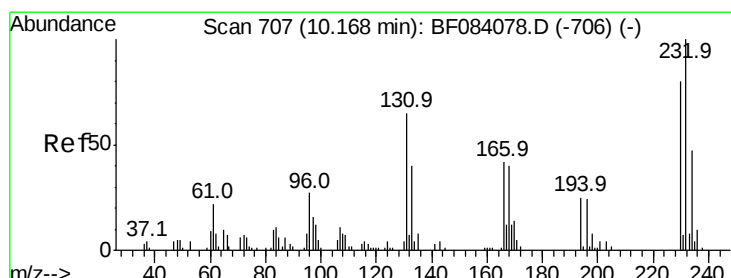
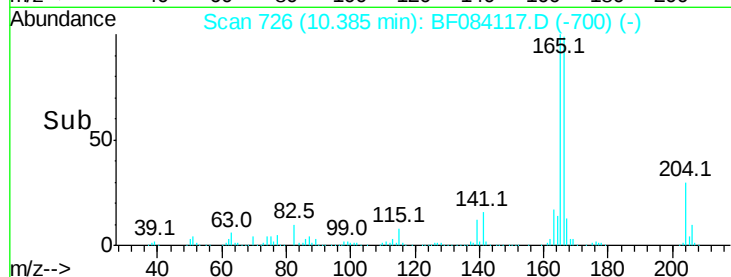
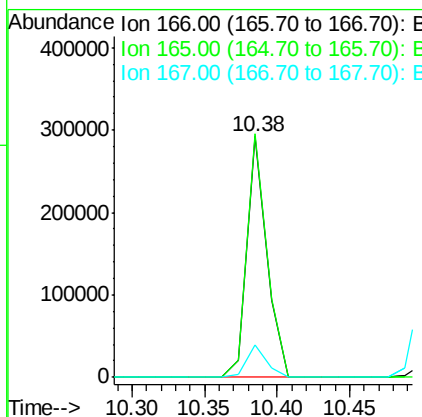
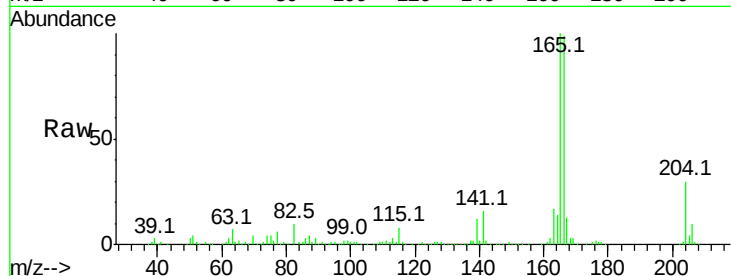
ClientSampleId :

PZ-1-122315MS

Tot Ion:	166	Resp:	280731
Ion Ratio	Lower	Upper	
166	100		
165	101.1	79.1	118.7
167	13.4	10.4	15.6

Manual Integrations
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Sohil
12/28/2015 1:10:15 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.70 ng

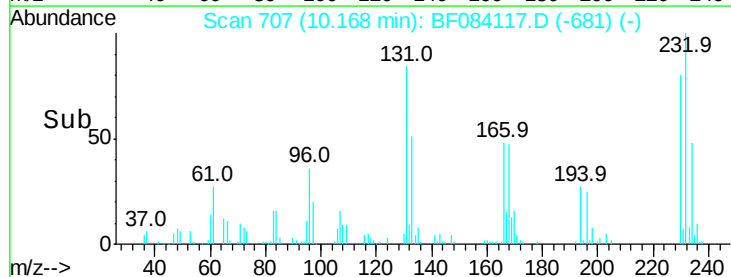
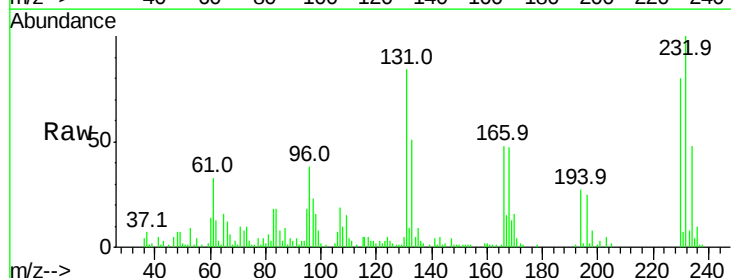
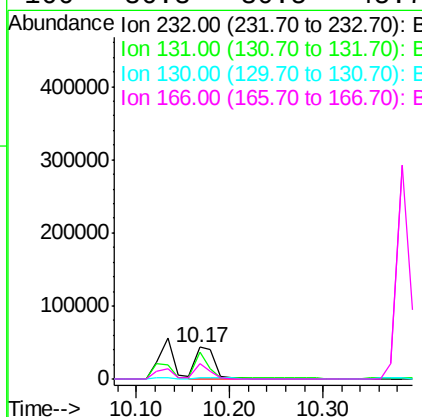
RT: 10.17 min Scan# 707

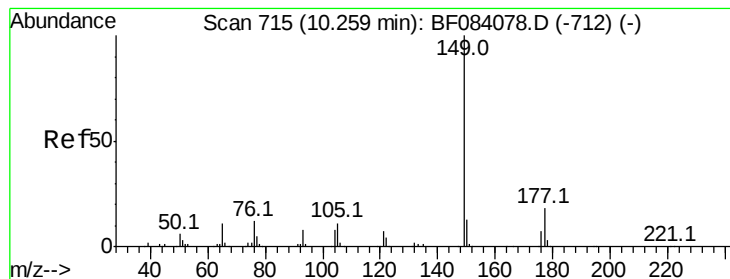
Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	232	Resp:	65295
Ion Ratio	Lower	Upper	
232	100		
131	58.3	47.0	70.6
130	7.1	2.0	3.0#
166	36.3	30.5	45.7





#59

Diethylphthalate

Concen: 47.68 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

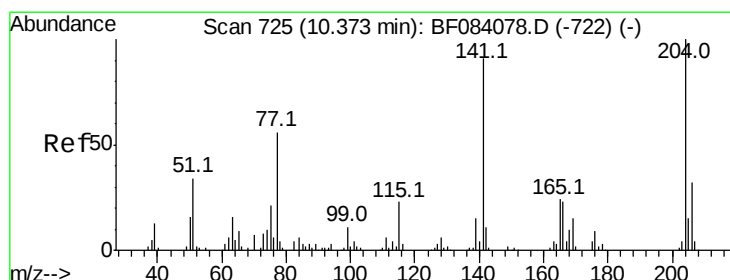
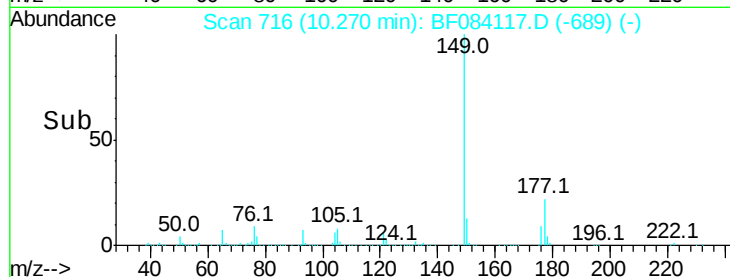
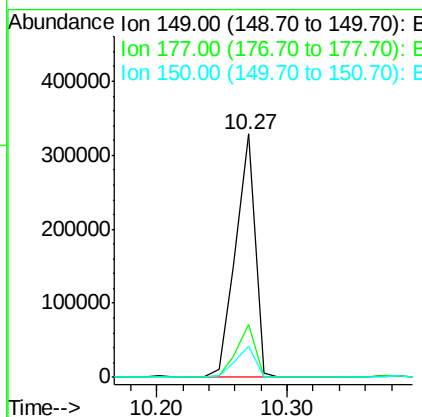
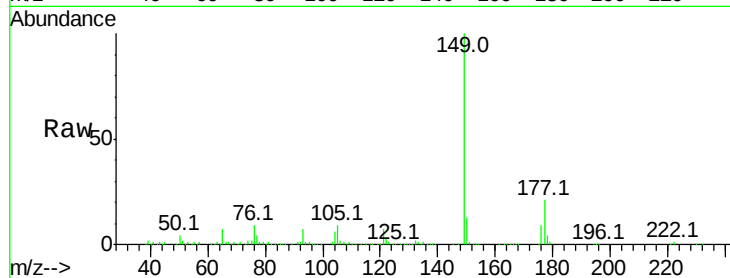
ClientSampleId :

PZ-1-122315MS

Tot Ion:	149	Resp:	338887
Ion Ratio	Lower	Upper	
149	100		
177	21.5	17.3	25.9
150	12.7	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 42.18 ng

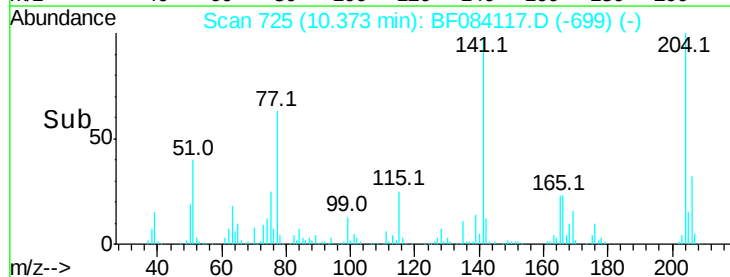
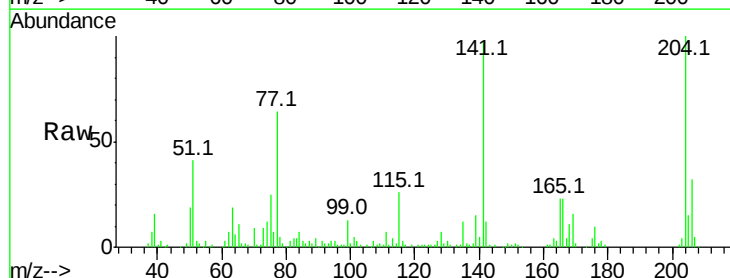
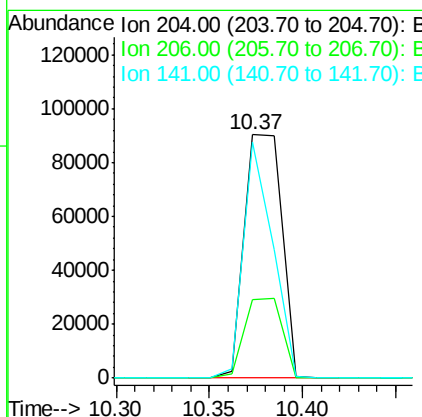
RT: 10.37 min Scan# 725

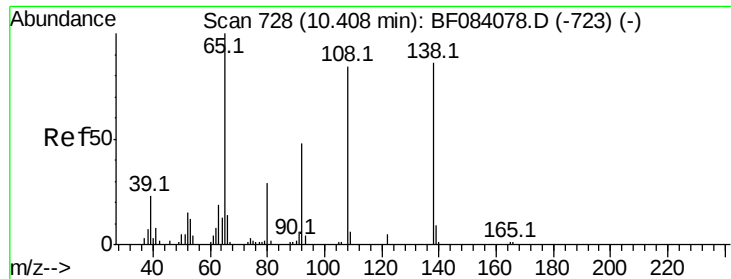
Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	204	Resp:	126011
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.7	38.5
141	96.9	55.1	82.7#





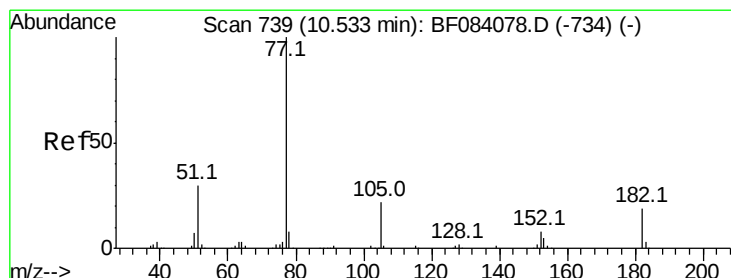
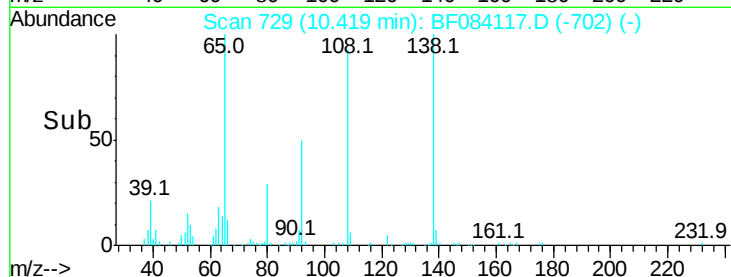
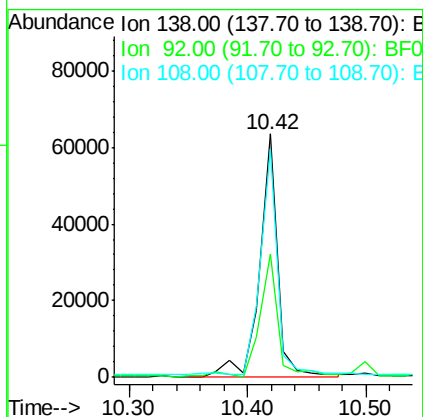
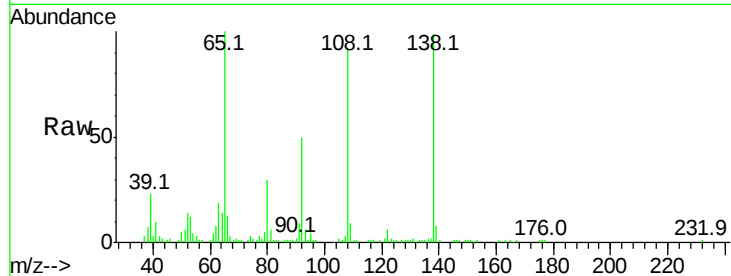
#61
4-Nitroaniline
Concen: 46.28 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	32.6	72.6
108	93.5	68.6	108.6

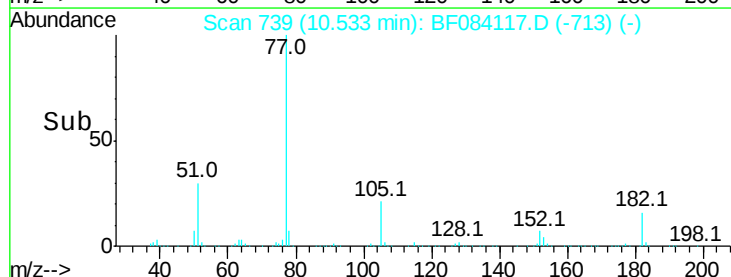
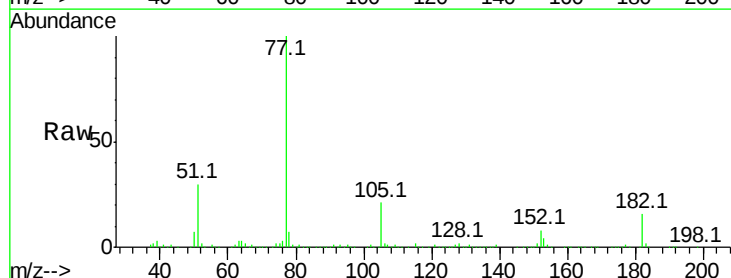
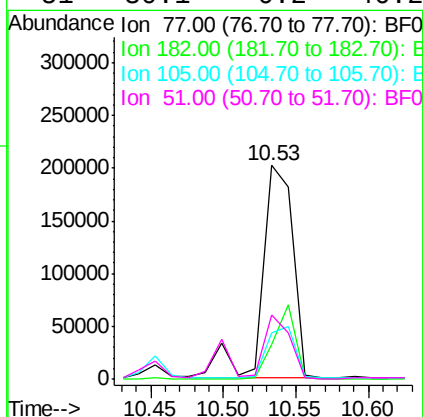
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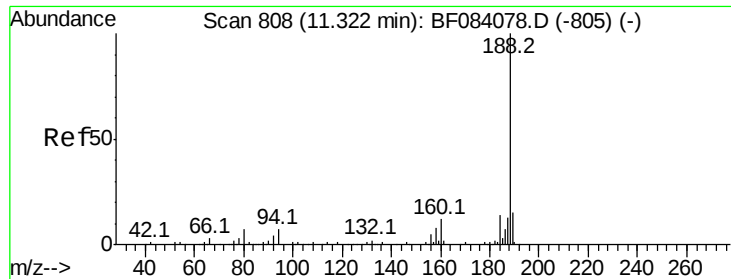
Sohil
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#62
Azobenzene
Concen: 50.53 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.4	8.3	48.3
105	21.5	4.6	44.6
51	30.1	6.2	46.2





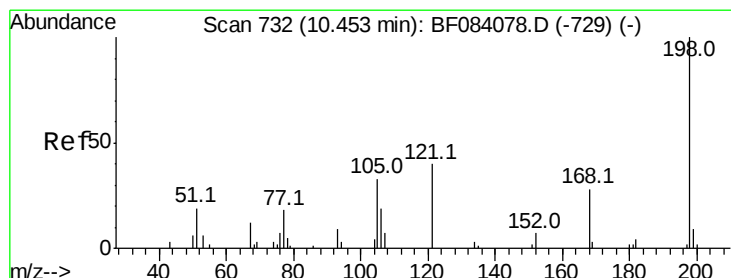
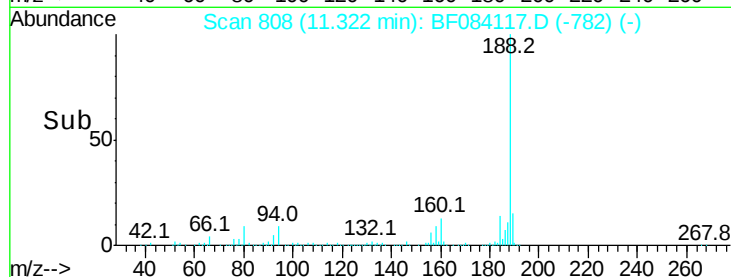
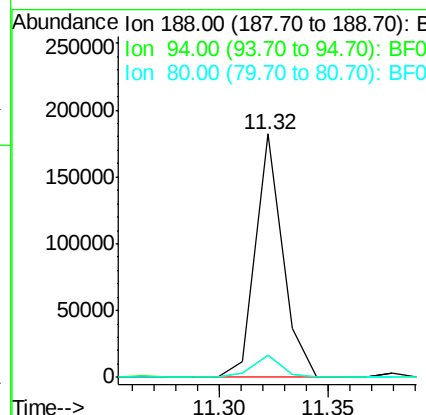
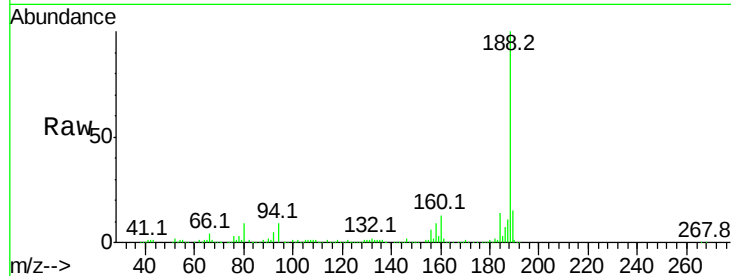
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.1	9.6	14.4#

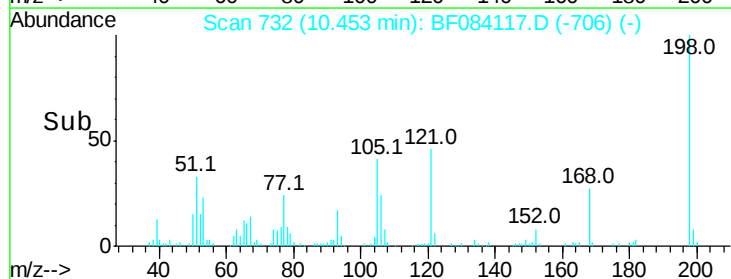
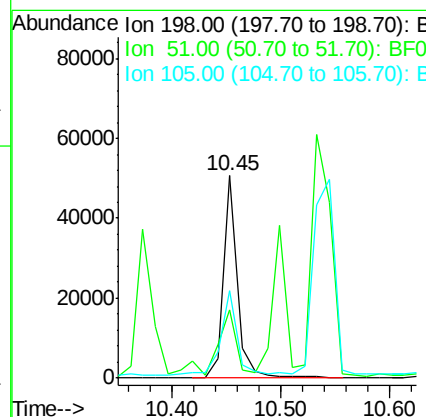
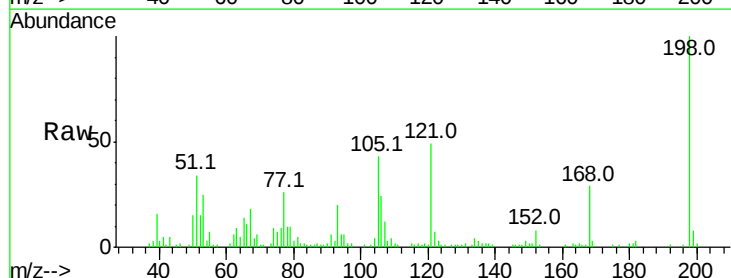
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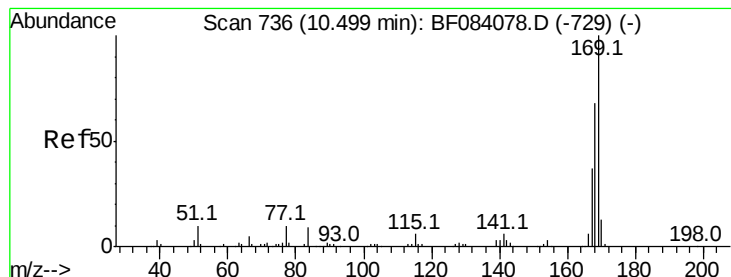
Sohil
 12/28/2015 1:10:15 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.15 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.7	18.9	58.9
105	43.4	26.4	66.4





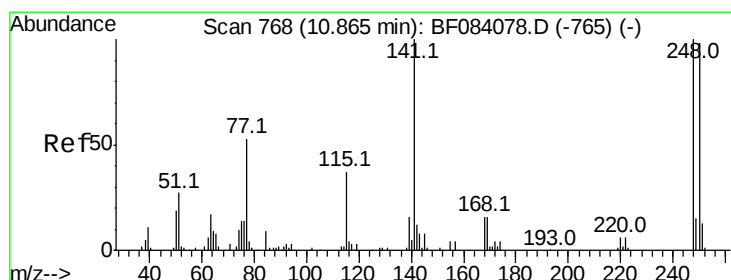
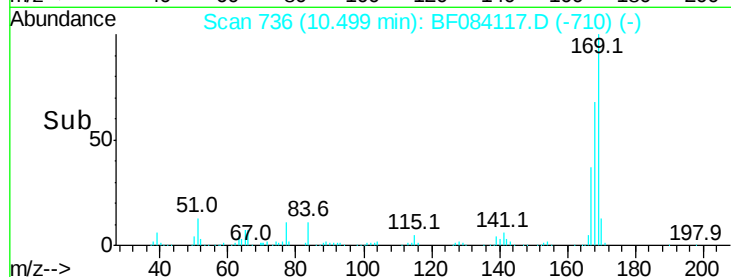
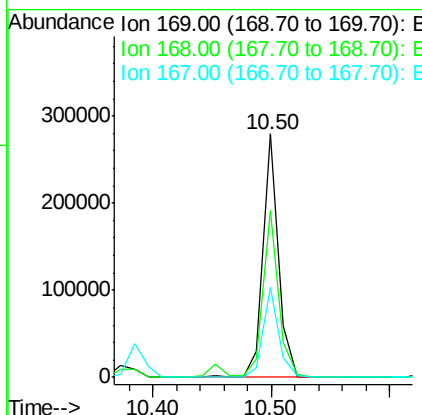
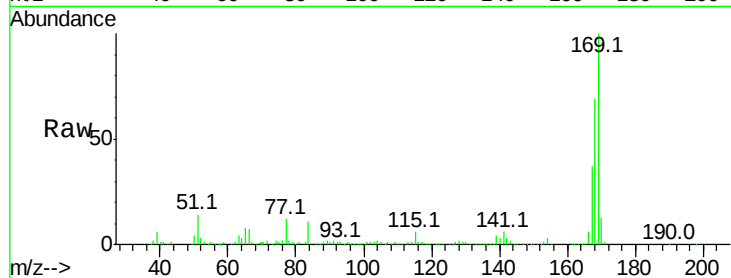
#65
n-Nitrosodiphenylamine
Concen: 45.12 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	255312		
168	68.6		55.1	82.7
167	36.8		30.0	45.0

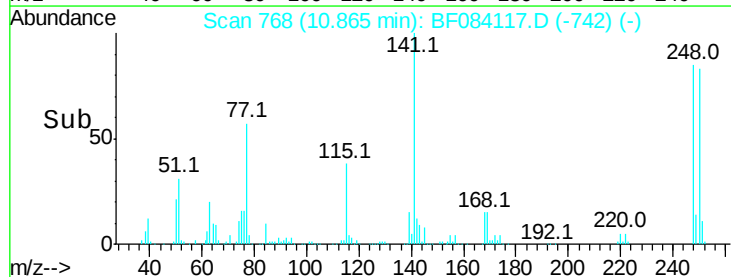
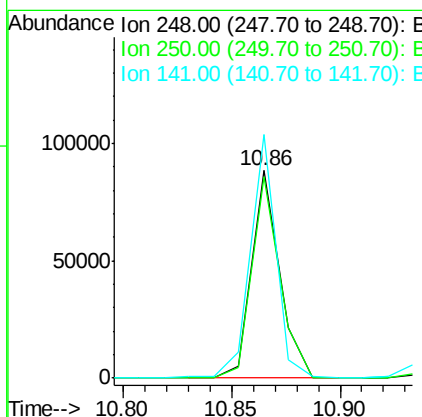
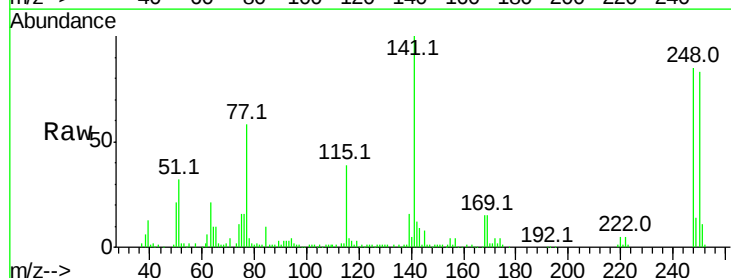
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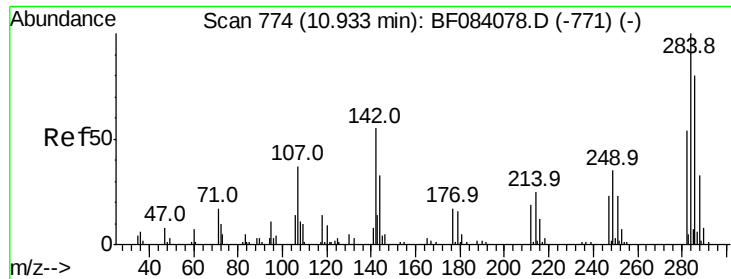
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 42.86 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	78802		
250	97.0		78.4	117.6
141	117.3		44.0	66.0





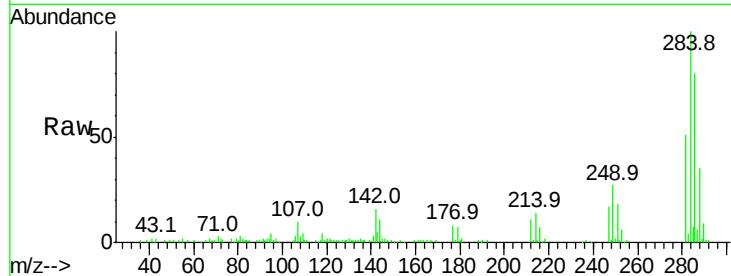
#67
Hexachlorobenzene
Concen: 45.09 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

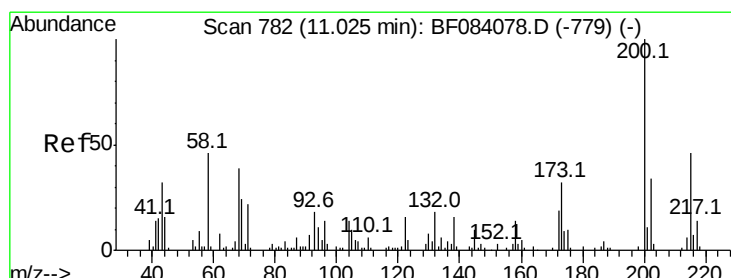
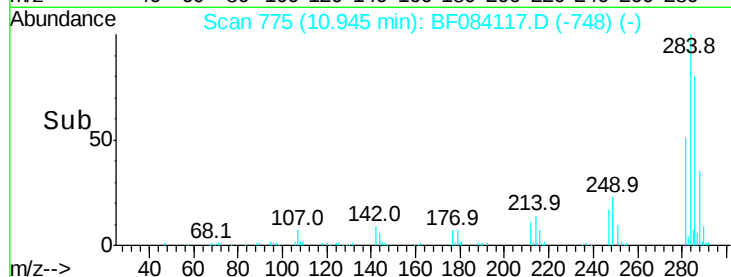
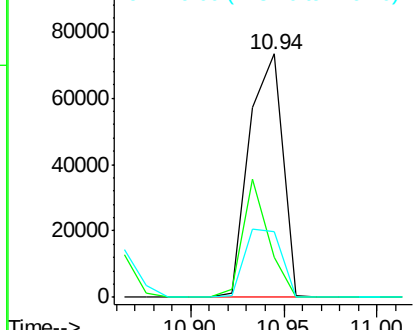
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	16.4	22.2	33.4	#
249	26.9	24.6	37.0	

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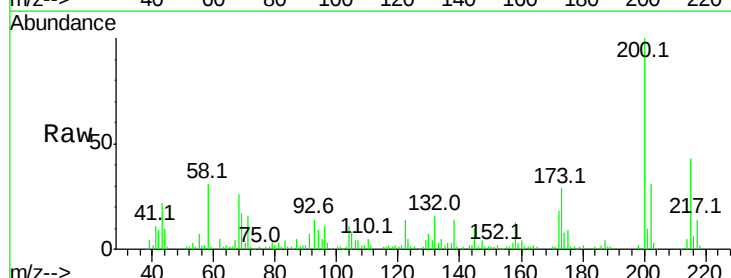


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

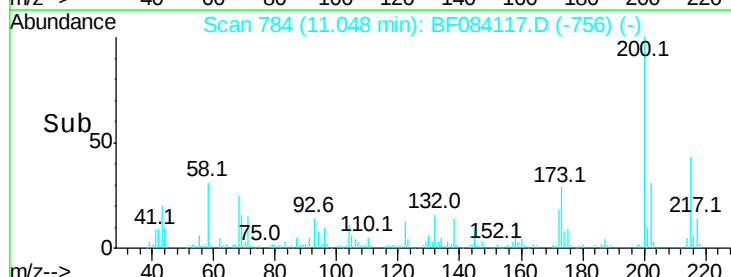
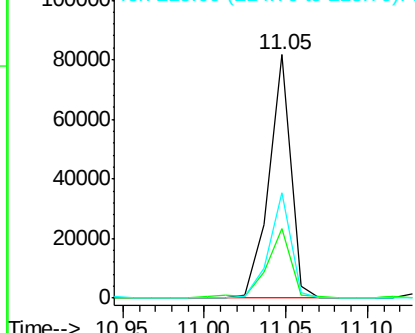


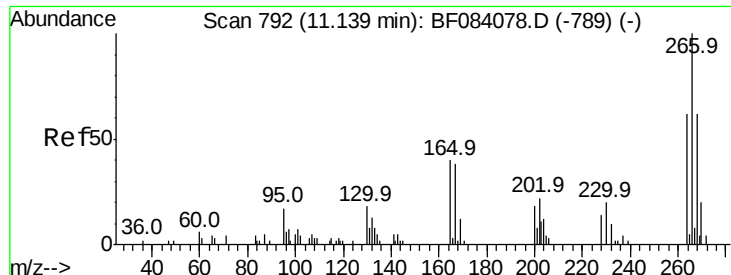
#68
Atrazine
Concen: 45.12 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.02 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.6	9.5	49.5	
215	43.5	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





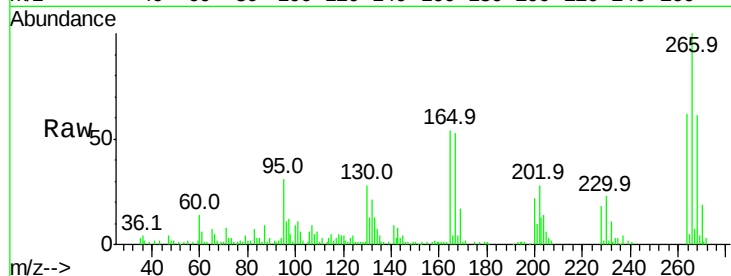
#69
 Pentachlorophenol
 Concen: 117.27 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

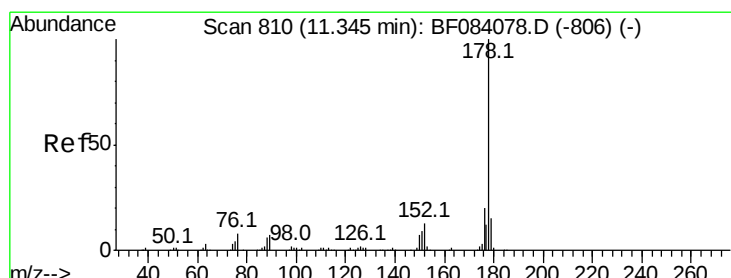
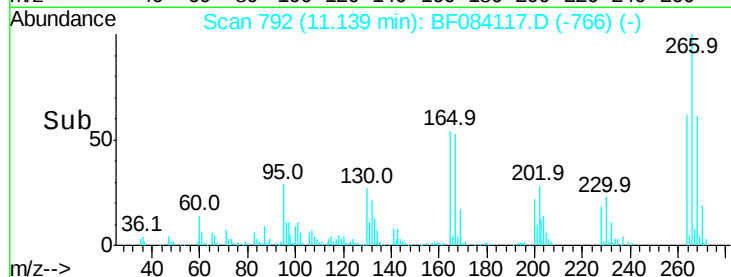
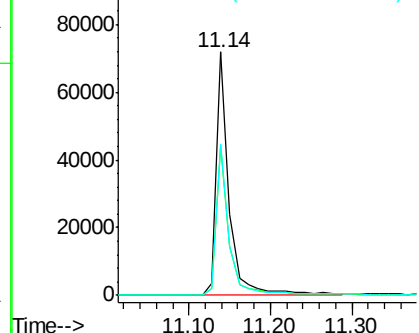
Tot Ion	Ratio	Resp	Lower	Upper
266	100	80285		
268	61.4		52.4	78.6
264	62.4		50.2	75.2

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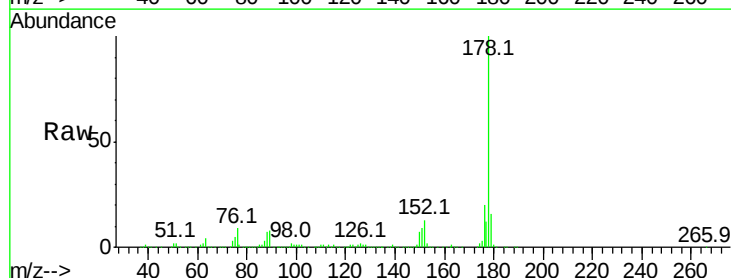


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

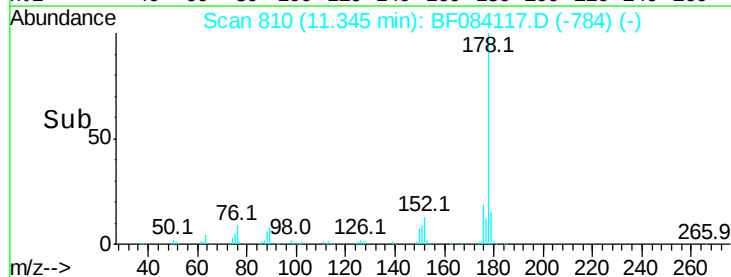
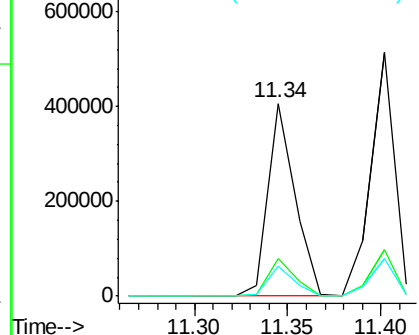


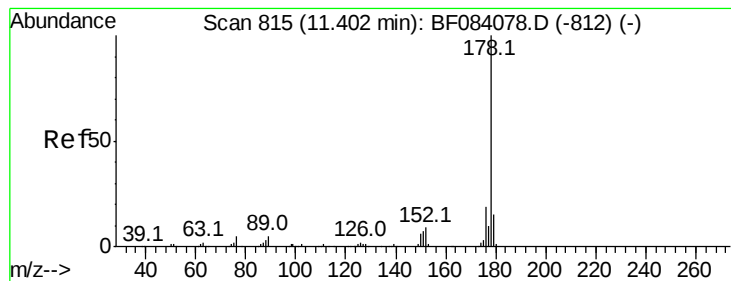
#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	405199		
176	19.7		15.3	22.9
179	15.6		12.0	18.0



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





#71

Anthracene

Concen: 45.93 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF084117.D

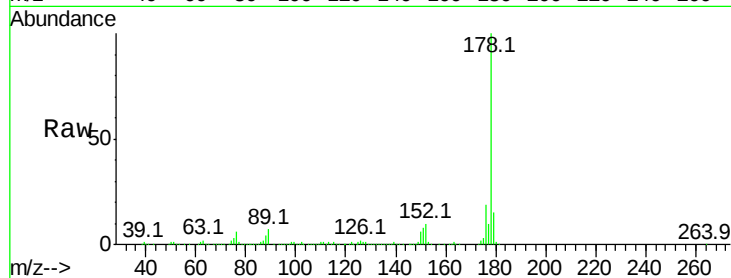
Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

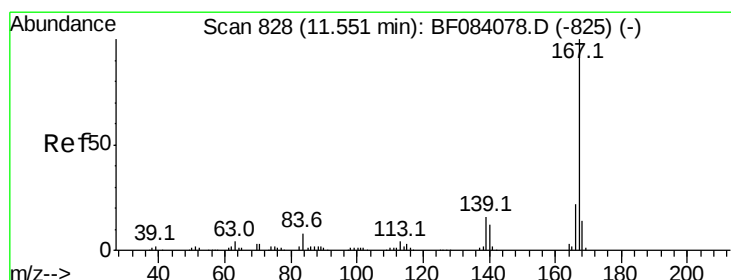
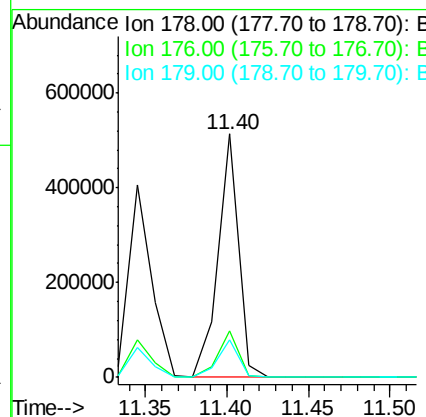
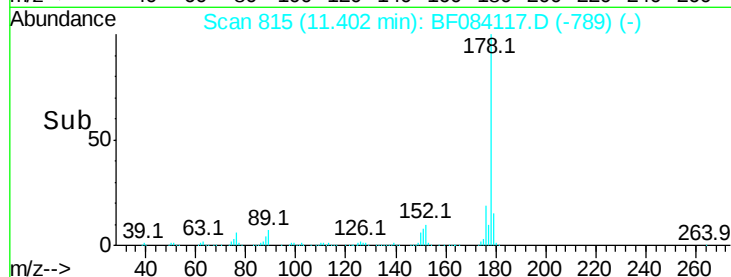
PZ-1-122315MS



Tot Ion:	178	Resp:	451915
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.0
179	15.4	12.5	18.7

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#72

Carbazole

Concen: 51.25 ng

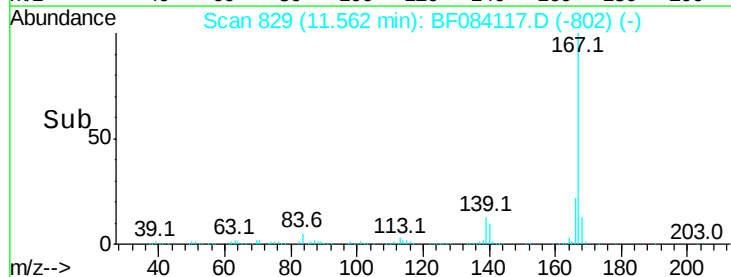
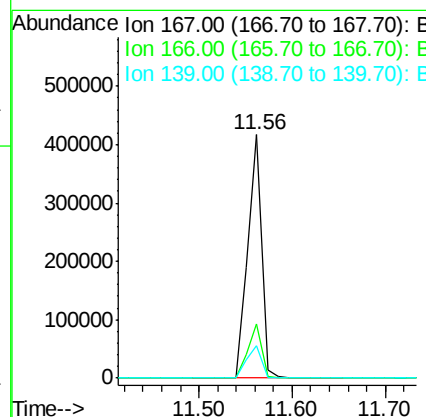
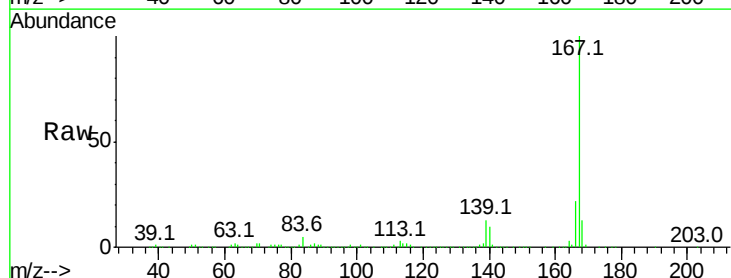
RT: 11.56 min Scan# 829

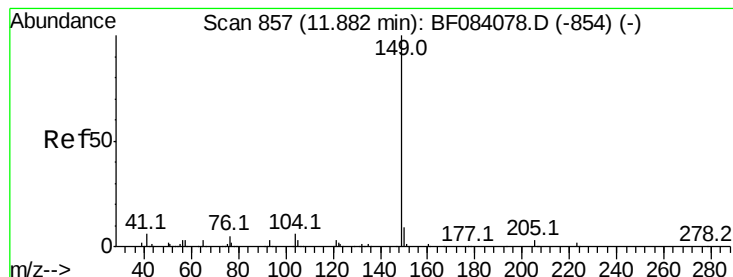
Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	167	Resp:	428947
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.6	26.4
139	13.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 44.56 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

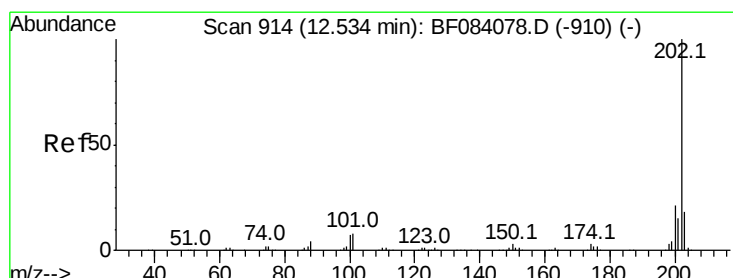
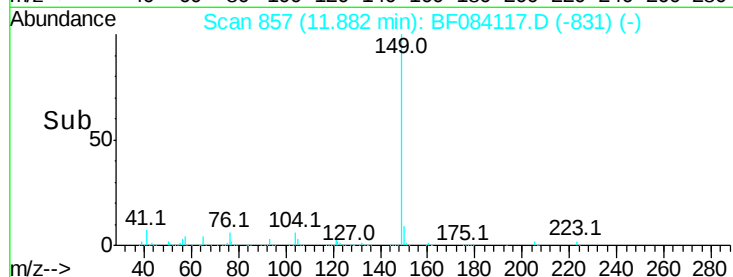
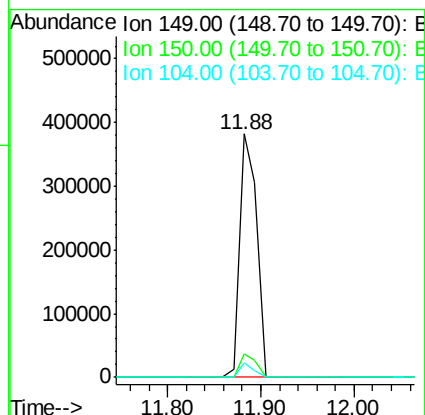
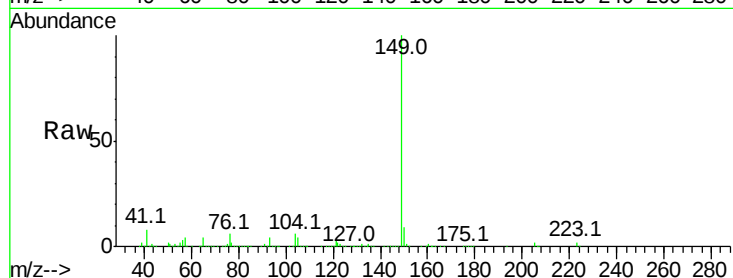
ClientSampleId :

PZ-1-122315MS

Tot Ion:	149	Resp:	480551
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	5.9	3.2	4.8#

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#74

Fluoranthene

Concen: 42.89 ng

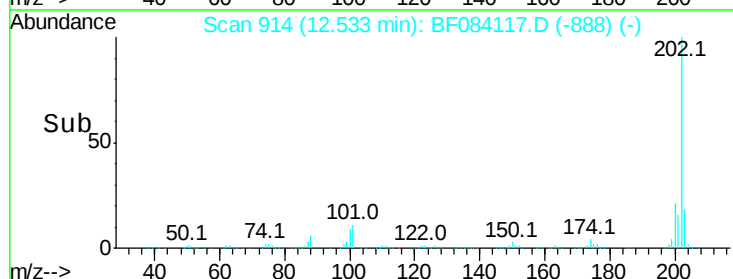
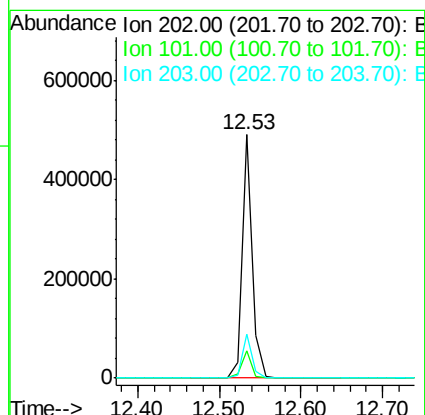
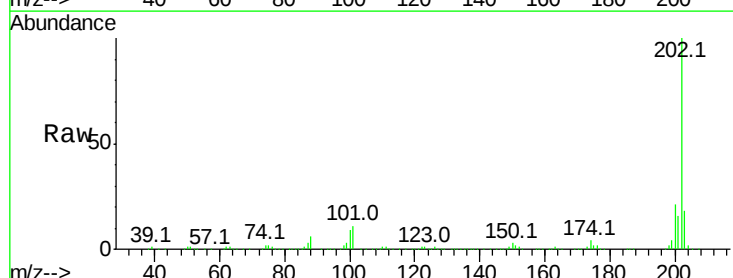
RT: 12.53 min Scan# 914

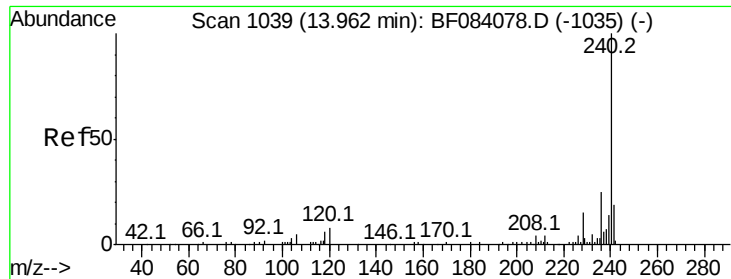
Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	202	Resp:	423305
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	32.8
203	18.2	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: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

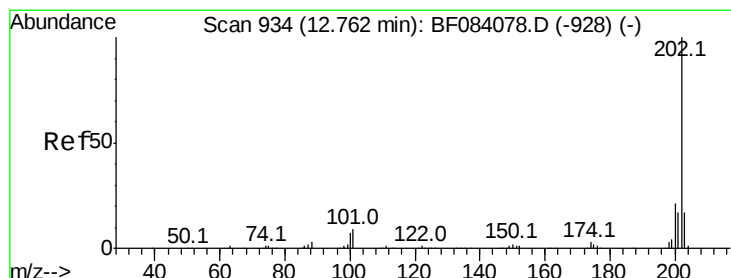
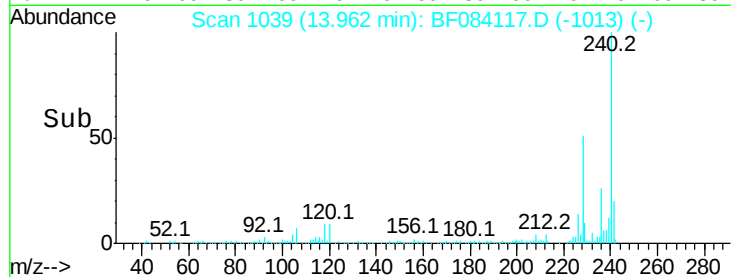
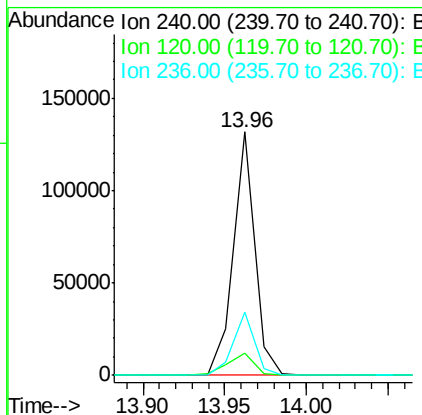
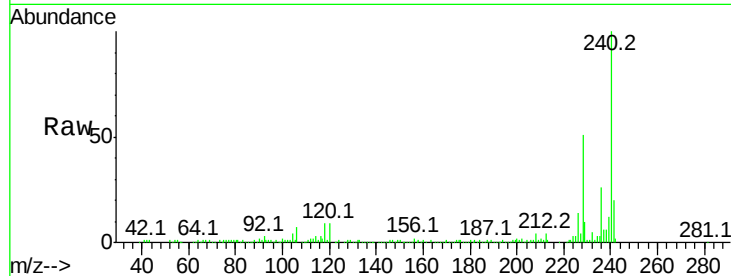
ClientSampleId :

PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.1	9.5	14.3#
236	25.9	20.6	31.0

Manual Integrations
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12/28/2015 1:10:15 PM



#77

Pyrene

Concen: 42.72 ng

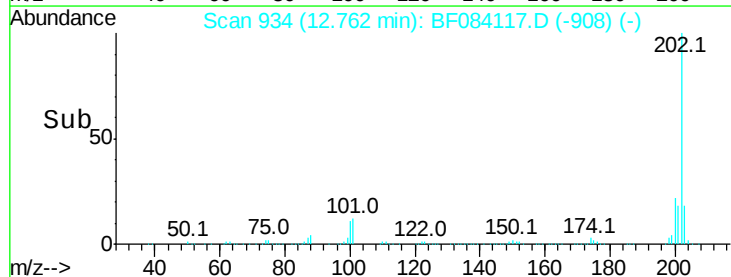
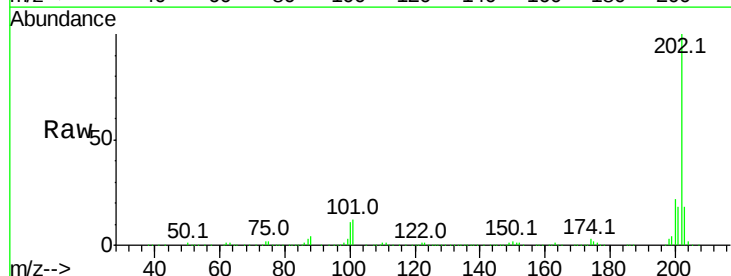
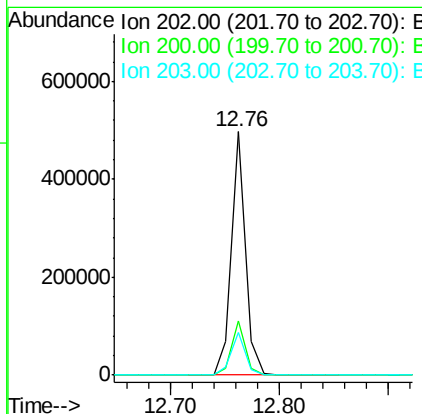
RT: 12.76 min Scan# 934

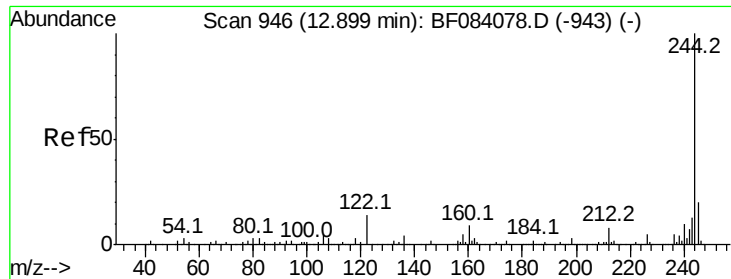
Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.2	25.8
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 65.92 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

PZ-1-122315MS

Tot Ion:244 Resp: 435355

Ion Ratio Lower Upper

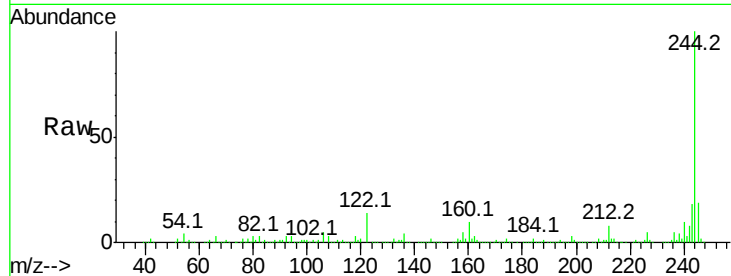
244 100

212 8.0 5.7 8.5

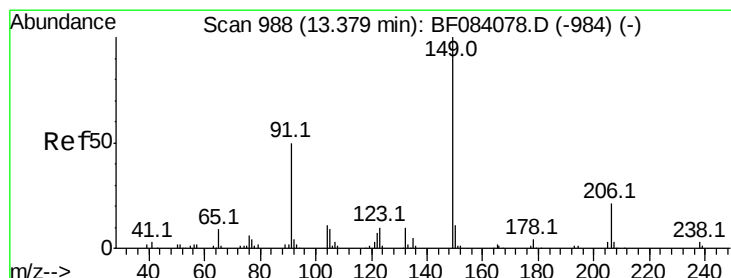
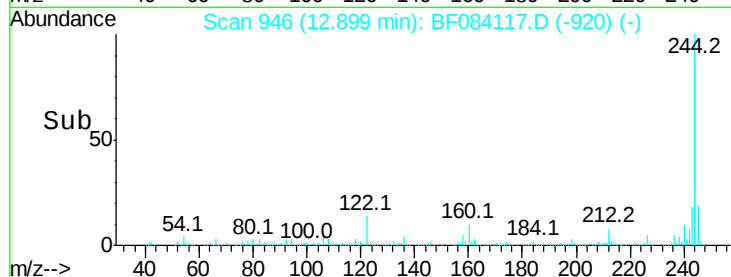
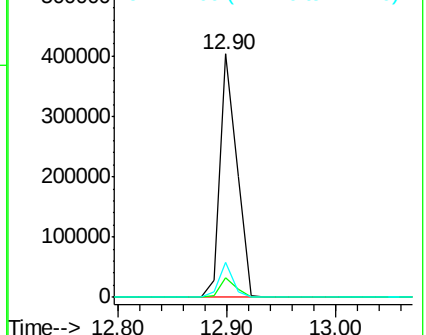
122 14.4 7.4 11.0#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.25 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

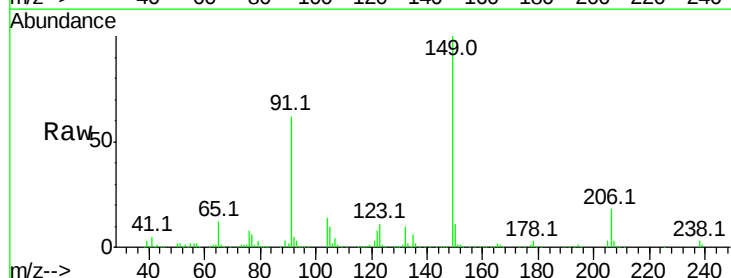
Tgt Ion:149 Resp: 210189

Ion Ratio Lower Upper

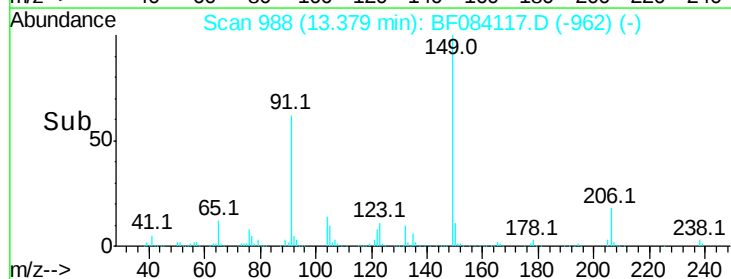
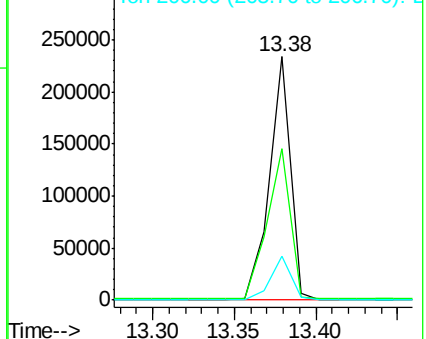
149 100

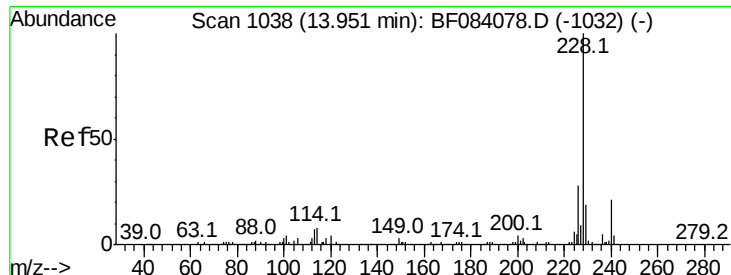
91 62.2 57.6 86.4

206 17.8 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





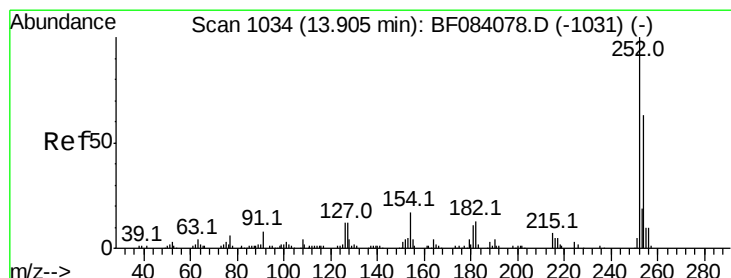
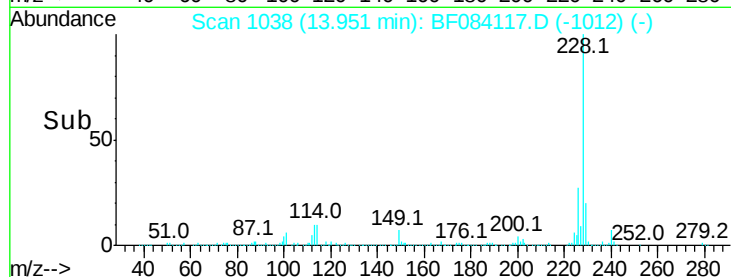
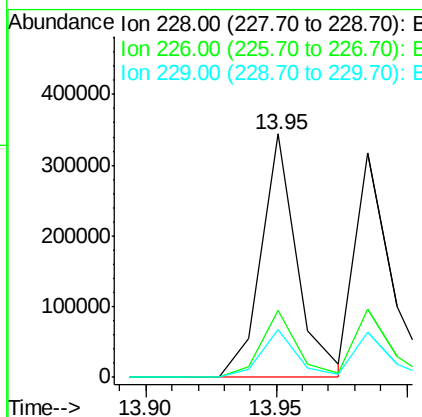
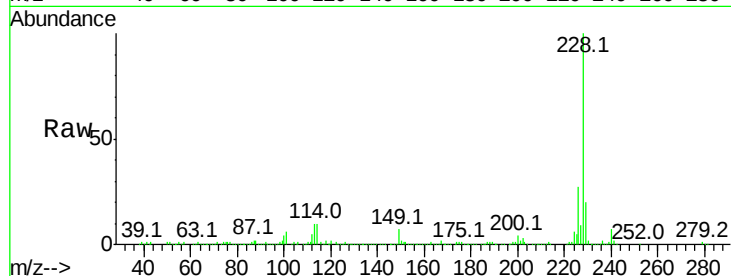
#80
Benzo(a)anthracene
Concen: 45.22 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.3	21.8	32.6	
229	19.8	15.8	23.8	

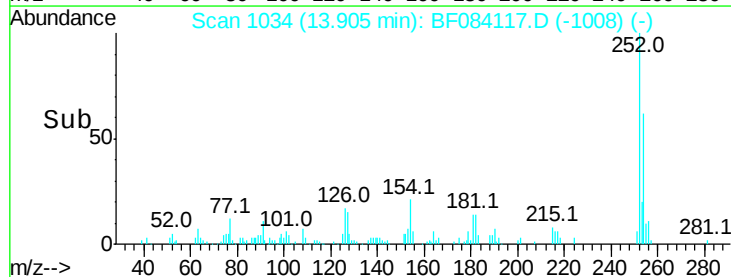
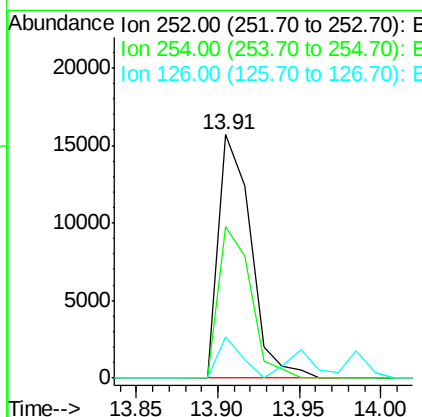
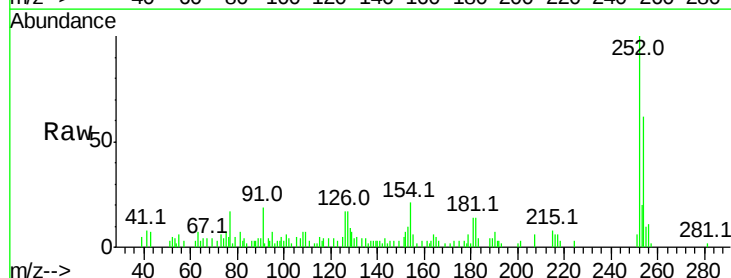
Manual Integrations
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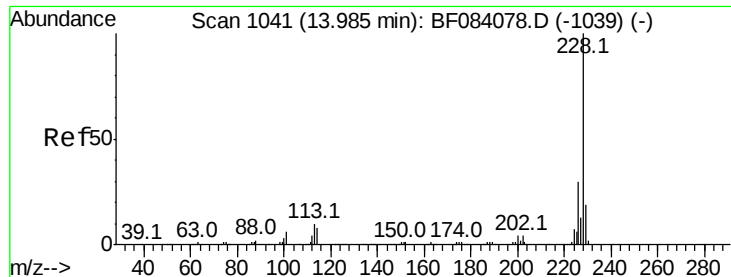
Sohil
12/28/2015 1:10:15 PM



#81
3,3'-Dichlorobenzidine
Concen: 9.67 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	62.0	53.5	80.3	
126	17.2	4.9	7.3#	





#82

Chrysene

Concen: 43.85 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

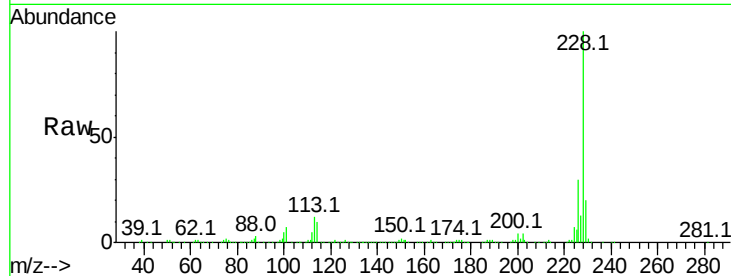
ClientSampleId :

PZ-1-122315MS

Tot Ion:	228	Resp:	297279
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.3	36.5
229	19.9	16.1	24.1

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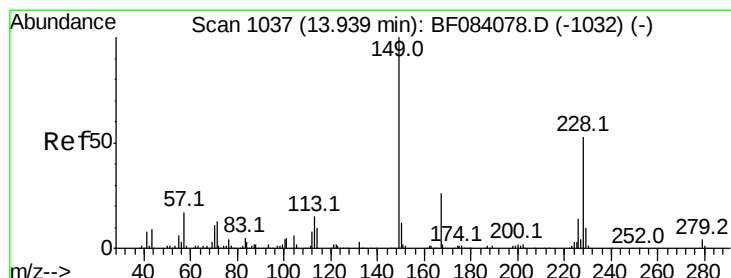
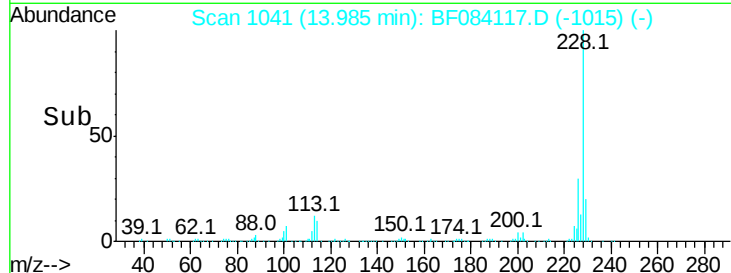
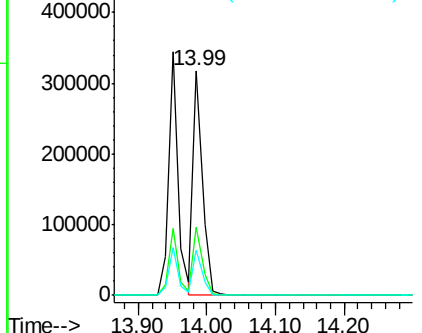
Sohil
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.18 ng

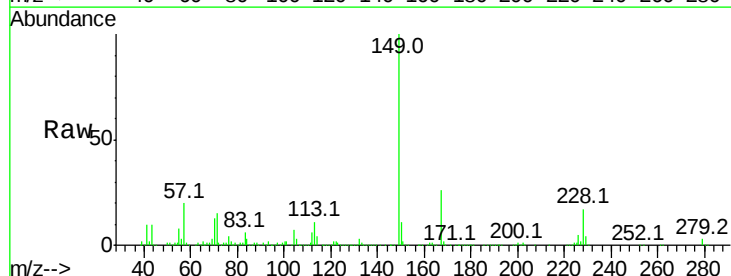
RT: 13.94 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

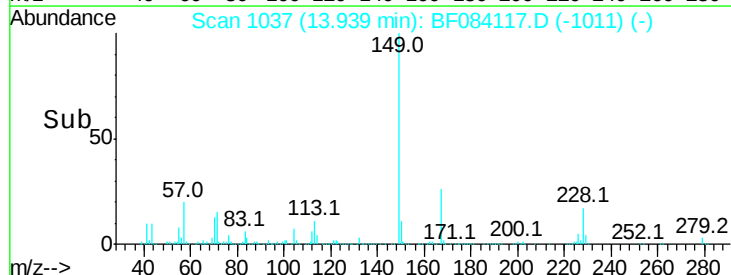
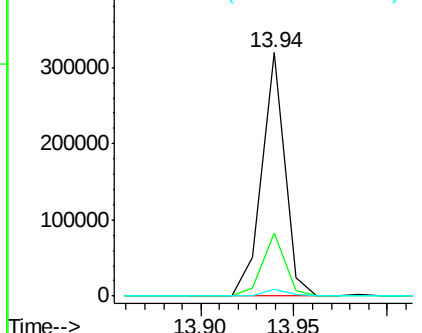
Tgt Ion:	149	Resp:	271222
Ion Ratio	Lower	Upper	
149	100		
167	25.9	19.7	29.5
279	3.0	1.8	2.6#

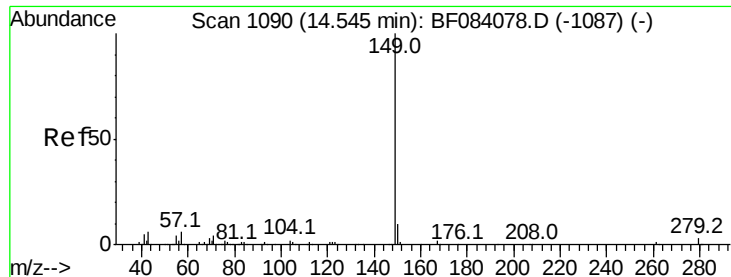


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 51.47 ng

RT: 14.55 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Instrument :

BNA_F

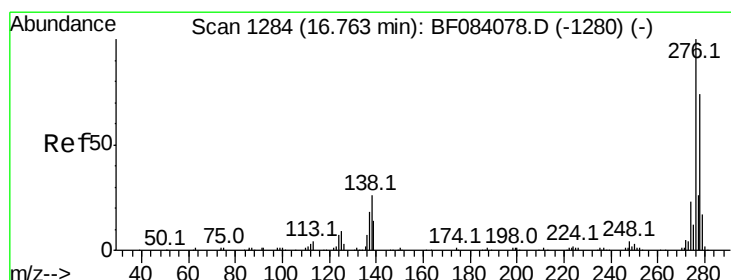
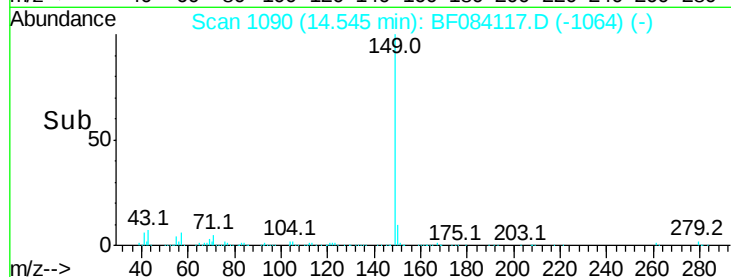
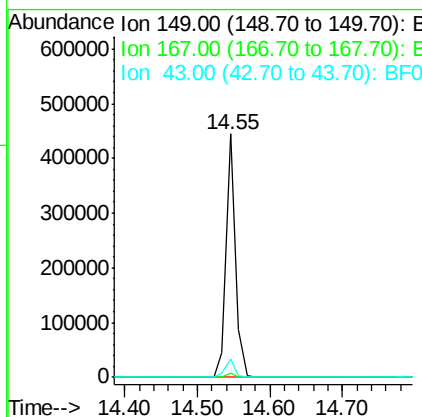
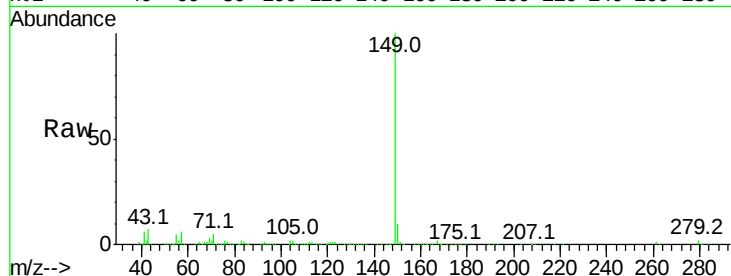
ClientSampleId :

PZ-1-122315MS

Tot Ion:	149	Resp:	399439
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	7.3	5.6	8.4

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 46.33 ng

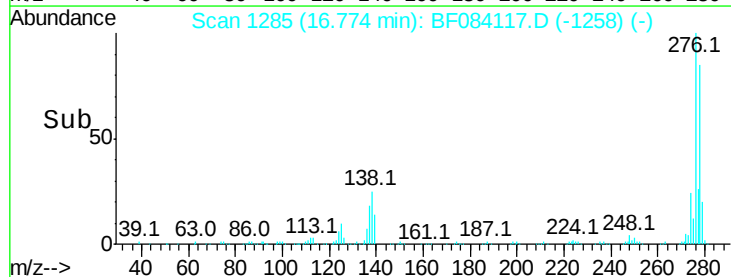
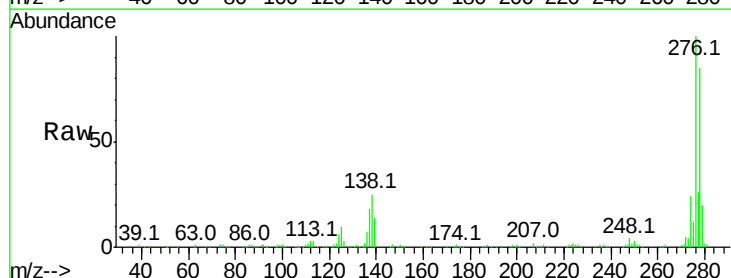
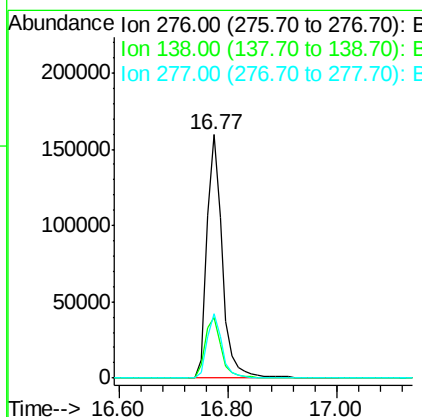
RT: 16.77 min Scan# 1285

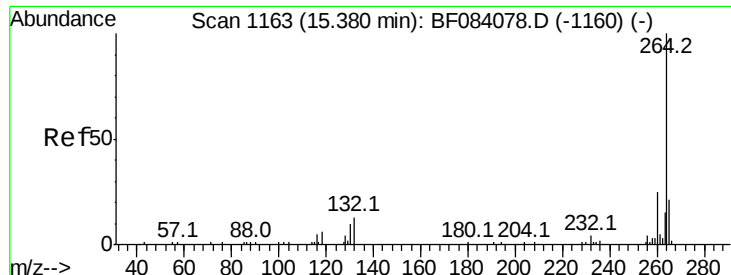
Delta R.T. 0.01 min

Lab File: BF084117.D

Acq: 25 Dec 2015 9:18

Tgt Ion:	276	Resp:	314481
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.6	30.8
277	25.9	20.1	30.1





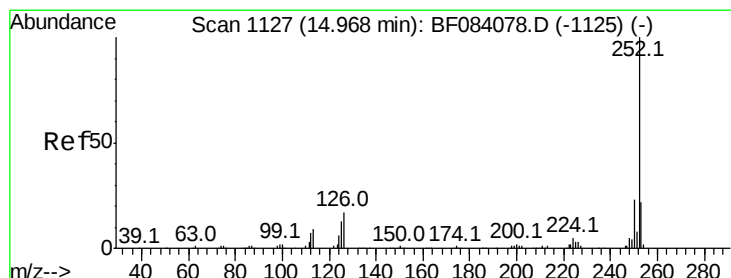
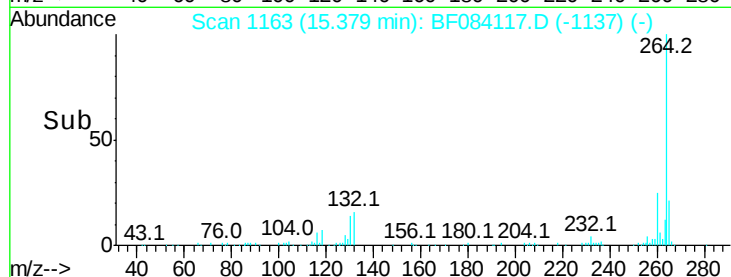
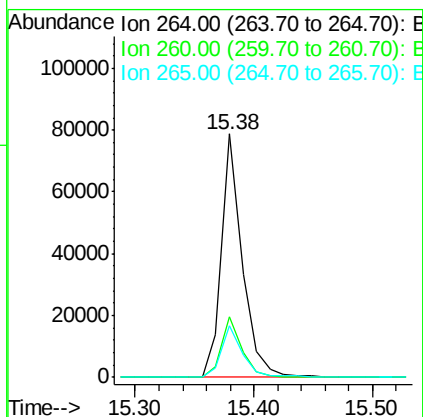
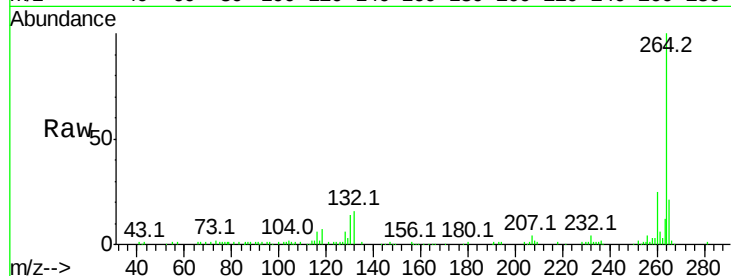
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-122315MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.3	17.8	26.6

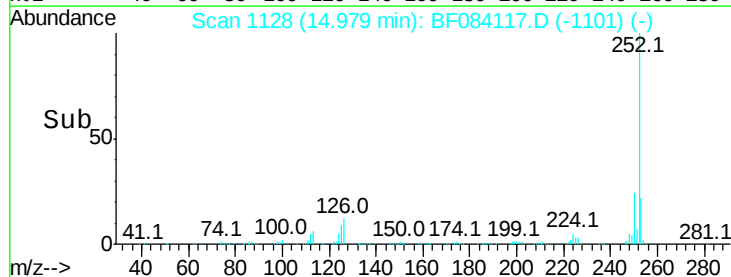
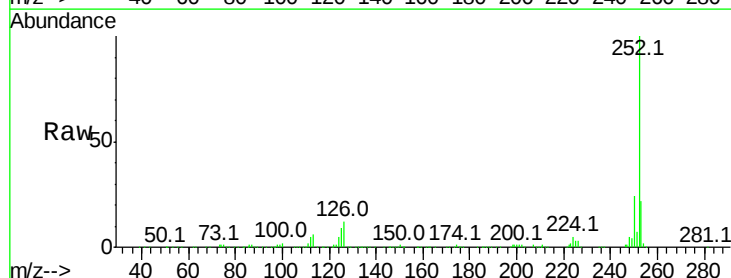
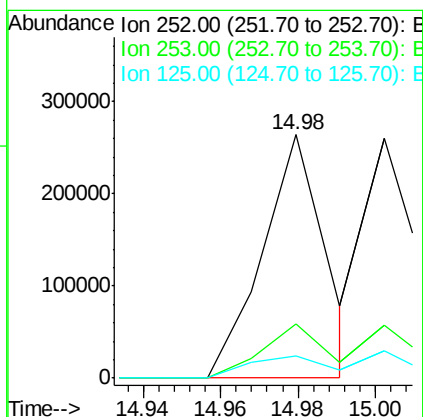
Manual Integrations
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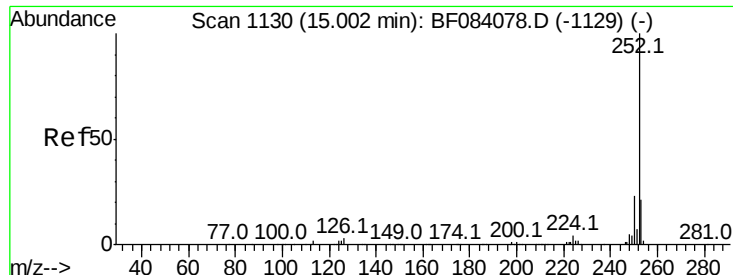
Sohil
 12/28/2015 1:10:15 PM



#87
 Benzo(b)fluoranthene
 Concen: 42.31 ng m
 RT: 14.98 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF084117.D
 Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.3	6.5	9.7





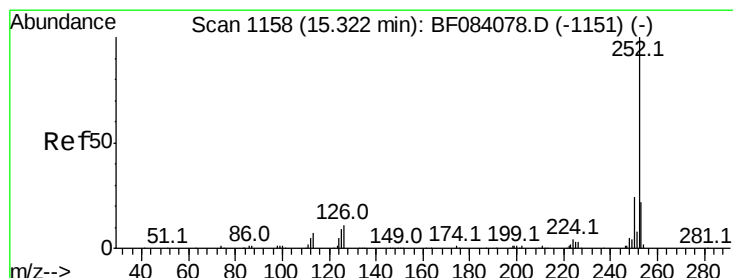
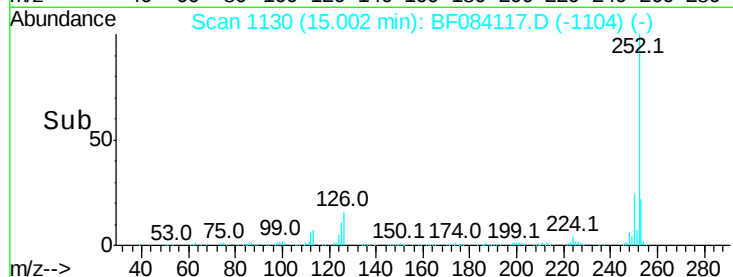
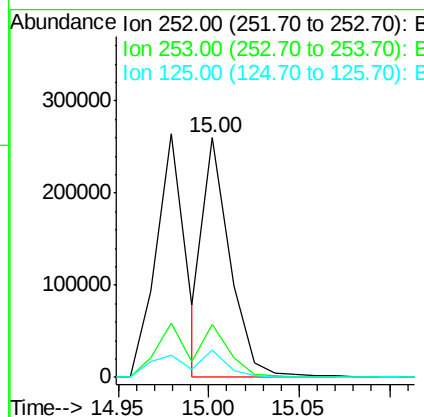
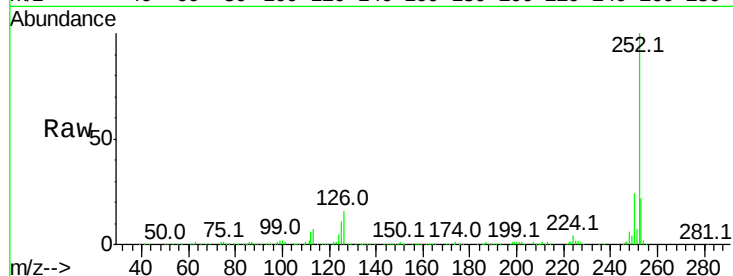
#88
Benzo(k)fluoranthene
Concen: 55.20 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.2	9.0	13.6

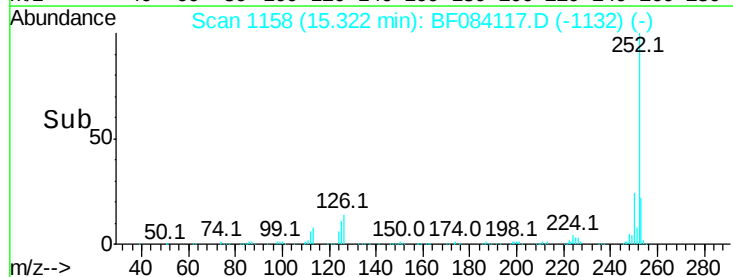
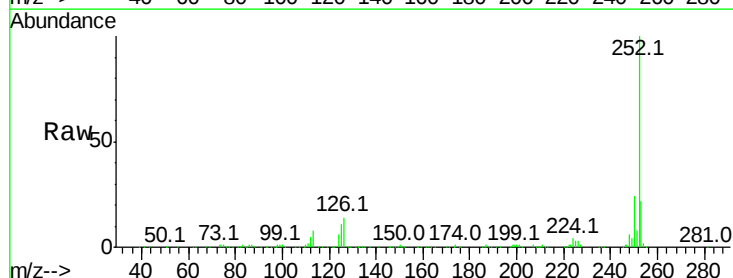
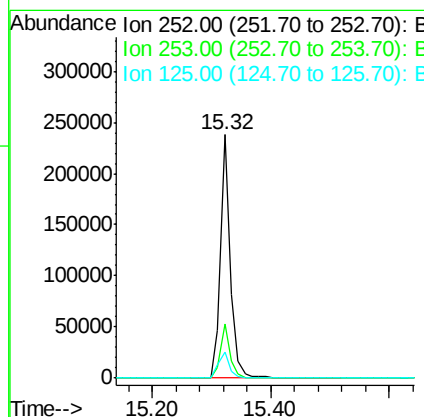
Manual Integrations
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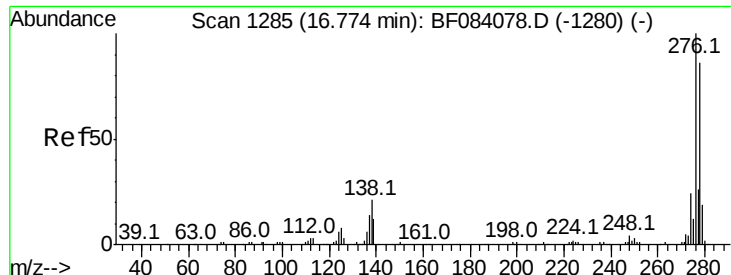
Sohil
12/28/2015 1:10:15 PM



#89
Benzo(a)pyrene
Concen: 46.75 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.6	7.0	10.4





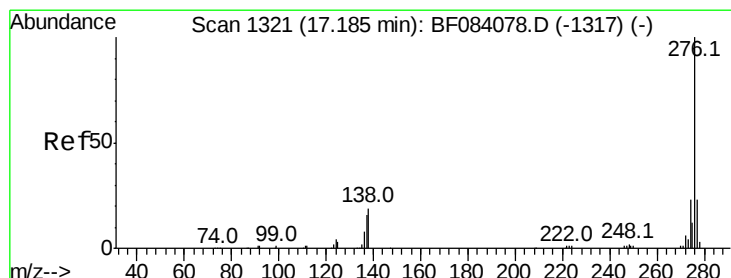
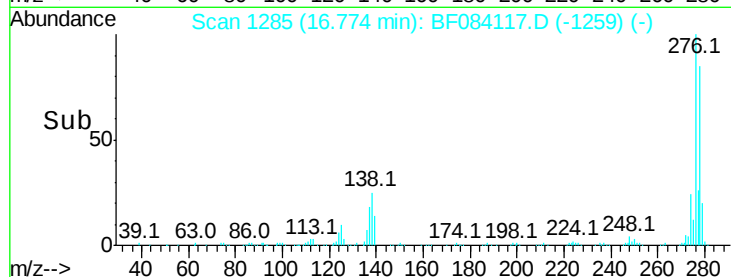
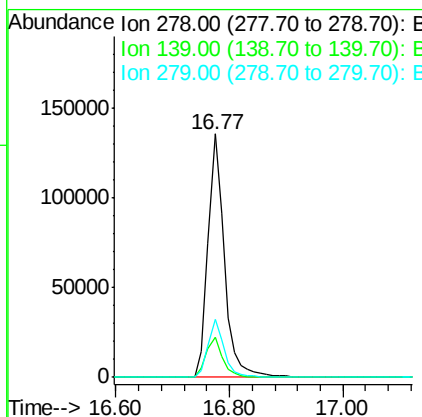
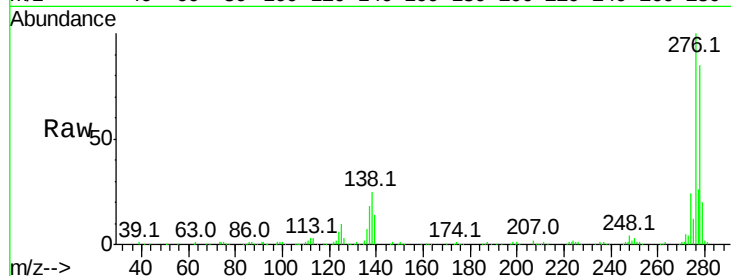
#90
Dibenzo(a,h)anthracene
Concen: 46.53 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Instrument :
BNA_F
ClientSampleId :
PZ-1-122315MS

Tot Ion	Ratio	Resp	Lower	Upper
278	100	264246		
139	16.4	15.0	22.4	
279	23.8	18.9	28.3	

Manual Integrations
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Sohil
12/28/2015 1:10:15 PM



#91
Benzo(g,h,i)perylene
Concen: 46.81 ng
RT: 17.19 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF084117.D
Acq: 25 Dec 2015 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	271339		
277	23.4	18.8	28.2	
138	23.0	17.8	26.6	

