

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084098.D
 Acq On : 25 Dec 2015 00:17
 Operator : UM/SJ
 Sample : PB87558BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:04 PM

Quant Time: Dec 25 05:36:52 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	48118	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	186842	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	87348	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	164769	20.00	ng	0.00
75) Chrysene-d12	13.96	240	128568	20.00	ng	0.00
86) Perylene-d12	15.38	264	98130	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	330047	116.29	ng	0.01
7) Phenol-d6	6.45	99	376514	107.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	242856	76.08	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	103328	110.93	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	499255	78.21	ng	0.00
78) Terphenyl-d14	12.90	244	445284	62.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	37673	32.39	ng	99
3) Pyridine	3.15	79	92162	32.44	ng	97
4) n-Nitrosodimethylamine	3.09	42	45648	36.47	ng	100
6) Aniline	6.46	93	78498	17.68	ng	# 11
8) 2-Chlorophenol	6.59	128	135266	38.38	ng	92
9) Benzaldehyde	6.35	77	36016	19.18	ng	86
10) Phenol	6.46	94	133969	33.35	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	103518	35.74	ng	95
12) 1,3-Dichlorobenzene	6.74	146	137447	35.72	ng	98
13) 1,4-Dichlorobenzene	6.82	146	135867m	35.09	ng	
14) 1,2-Dichlorobenzene	6.97	146	131744	36.92	ng	99
15) Benzyl Alcohol	6.94	79	104095	39.14	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.08	45	98296	34.74	ng	59
17) 2-Methylphenol	7.07	107	98767	36.50	ng	# 92
18) Hexachloroethane	7.31	117	50713	35.89	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	80790	37.35	ng	# 90
20) 3+4-Methylphenols	7.23	107	132589	38.41	ng	# 47
22) Acetophenone	7.21	105	170456	36.51	ng	# 93
24) Nitrobenzene	7.38	77	116926	34.50	ng	95
25) Isophorone	7.63	82	214140	36.27	ng	# 92
26) 2-Nitrophenol	7.70	139	64983	37.46	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	114342	39.72	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	127537	37.05	ng	100
29) 2,4-Dichlorophenol	7.95	162	102770	38.44	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	109697	37.44	ng	95
31) Naphthalene	8.11	128	366523	36.87	ng	99
32) Benzoic acid	7.89	122	54873	39.75	ng	98
33) 4-Chloroaniline	8.16	127	39087	9.88	ng	97
34) Hexachlorobutadiene	8.22	225	59414	35.55	ng	98
35) Caprolactam	8.53	113	32721m	44.13	ng	
36) 4-Chloro-3-methylphenol	8.66	107	119221	39.66	ng	94
37) 2-Methylnaphthalene	8.80	142	238766	38.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	106813	38.79	ng	99
40) Hexachlorocyclopentadiene	8.96	237	53001	69.77	ng	99

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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	63836	35.56	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	67667	37.65	nq	# 77
45) 1,1'-Biphenyl	9.26	154	305611	38.73	nq	97
46) 2-Chloronaphthalene	9.29	162	229509	38.26	nq	94
47) 2-Nitroaniline	9.39	65	63182	39.64	nq	# 51
48) Acenaphthylene	9.70	152	362744	36.82	nq	100
49) Dimethylphthalate	9.56	163	257029	35.53	nq	# 89
50) 2,6-Dinitrotoluene	9.63	165	64331	41.89	nq	93
51) Acenaphthene	9.87	154	213672	37.29	nq	98
52) 3-Nitroaniline	9.80	138	26973	16.37	nq	# 72
53) 2,4-Dinitrophenol	9.92	184	39852	70.45	nq	96
54) Dibenzofuran	10.04	168	308452	39.14	nq	90
55) 4-Nitrophenol	9.98	139	67974	80.81	nq	# 79
56) 2,4-Dinitrotoluene	10.04	165	77740	38.35	nq	86
57) Fluorene	10.38	166	253925	37.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	56766	44.31	nq	# 98
59) Diethylphthalate	10.26	149	257909	35.10	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	104940	33.97	nq	# 80
61) 4-Nitroaniline	10.42	138	63122	41.44	nq	88
62) Azobenzene	10.53	77	246715	40.75	nq	90
64) 4,6-Dinitro-2-methylphenol	10.45	198	34292	37.50	nq	80
65) n-Nitrosodiphenylamine	10.50	169	237000	40.35	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	71642	37.53	nq	# 79
67) Hexachlorobenzene	10.93	284	74970	35.87	nq	# 74
68) Atrazine	11.02	200	63415	35.85	nq	99
69) Pentachlorophenol	11.14	266	53379	77.89	nq	99
70) Phenanthrene	11.34	178	367941	37.67	nq	98
71) Anthracene	11.40	178	371274	36.35	nq	99
72) Carbazole	11.55	167	339023	39.02	nq	100
73) Di-n-butylphthalate	11.88	149	412375	36.84	nq	# 98
74) Fluoranthene	12.53	202	400144	37.81	nq	95
76) Benzidine	12.65	184	121249	27.75	nq	100
77) Pyrene	12.76	202	422844	38.12	nq	99
79) Butylbenzylphthalate	13.38	149	180249	39.26	nq	# 78
80) Benzo(a)anthracene	13.95	228	312367	39.50	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	56108	23.43	nq	# 95
82) Chrysene	13.99	228	287478m	39.42	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	236830	39.92	nq	# 94
84) Di-n-octyl phthalate	14.55	149	363819	43.58	nq	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	264092	36.16	nq	99
87) Benzo(b)fluoranthene	14.98	252	290857m	39.91	nq	
88) Benzo(k)fluoranthene	15.00	252	208099m	42.14	nq	
89) Benzo(a)pyrene	15.32	252	235838	39.28	nq	100
90) Dibenzo(a,h)anthracene	16.77	278	218459	37.29	nq	# 95
91) Benzo(g,h,i)perylene	17.19	276	222702	37.24	nq	98

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

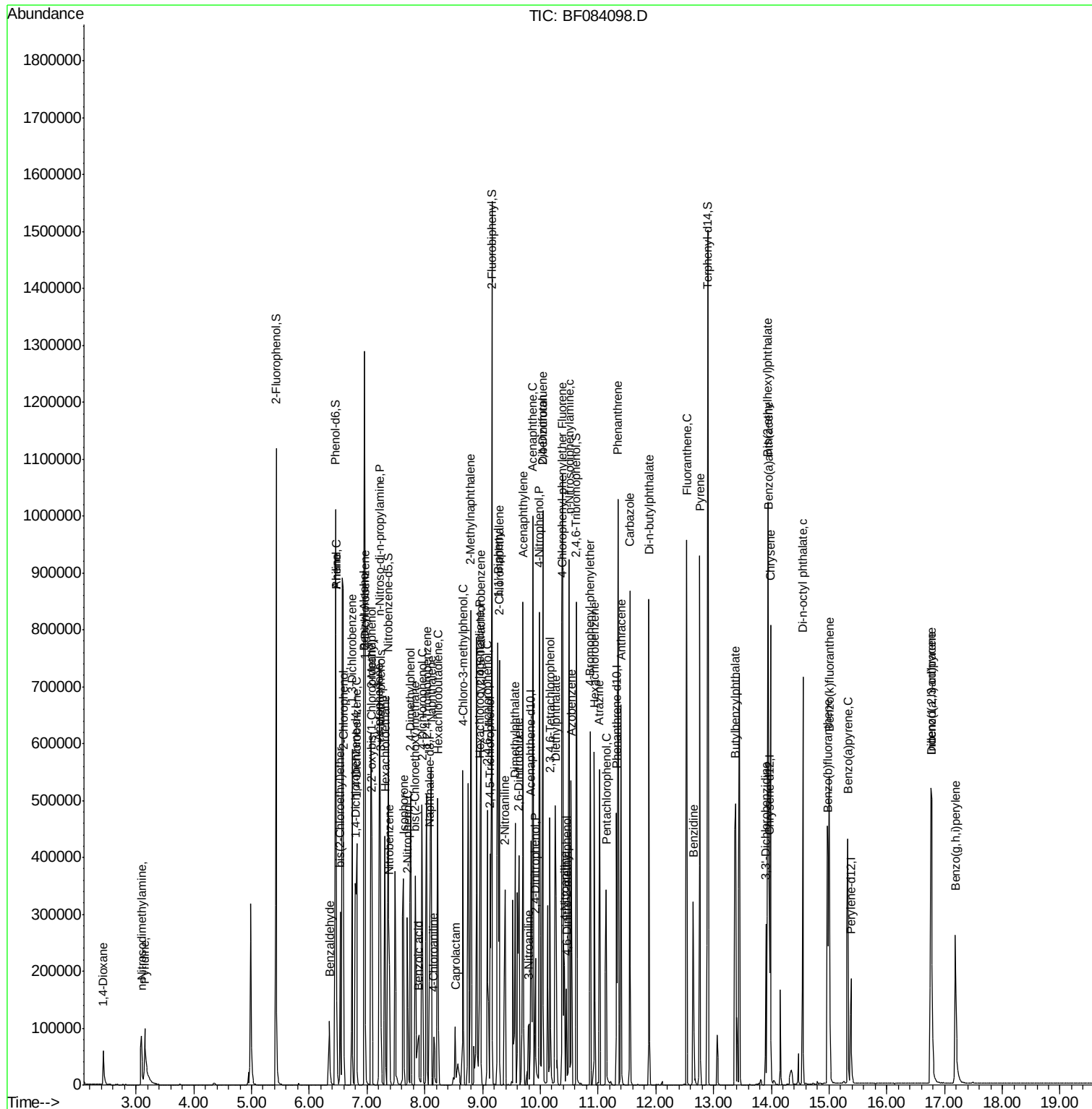
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
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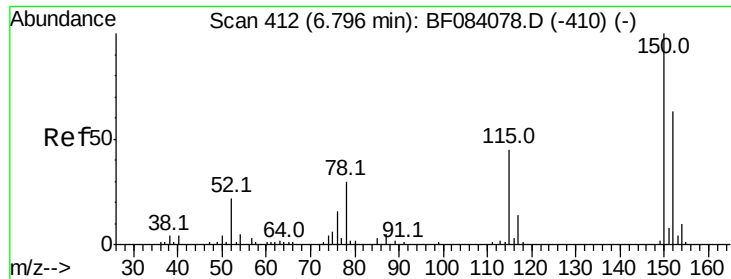
Instrument :
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PB87558BS

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#1

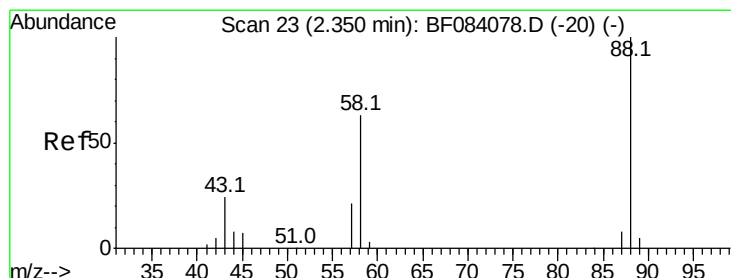
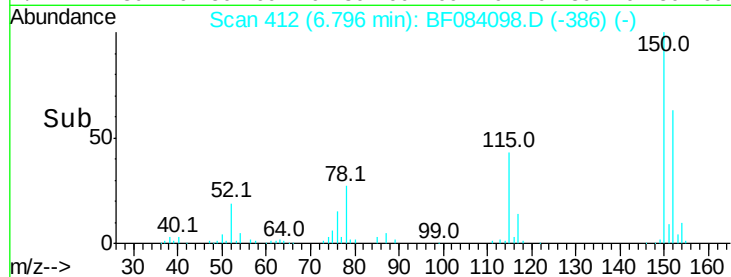
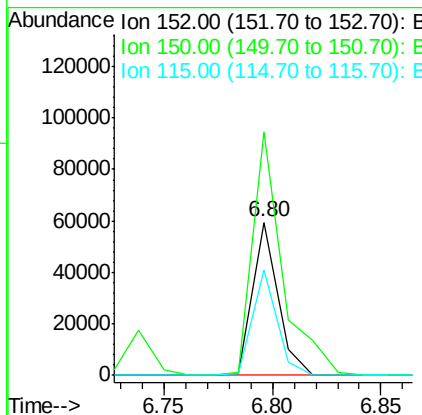
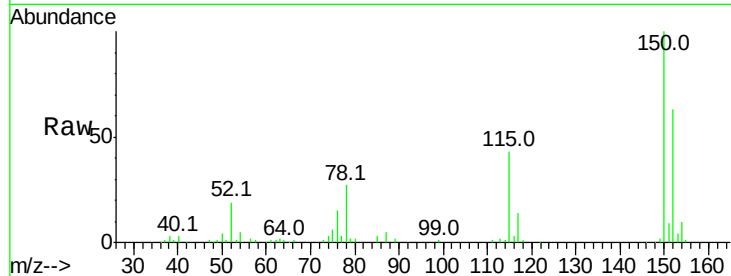
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.0	184.4
115	69.1	51.4	77.2

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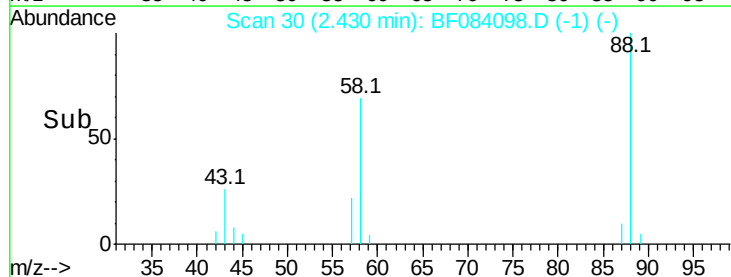
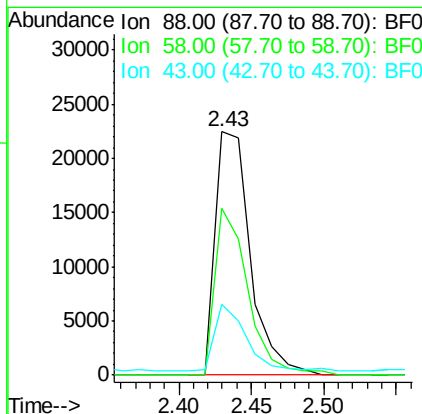
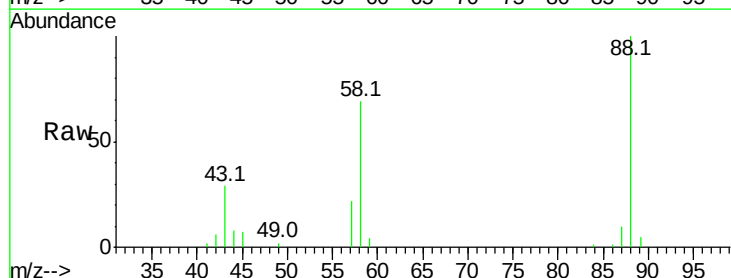
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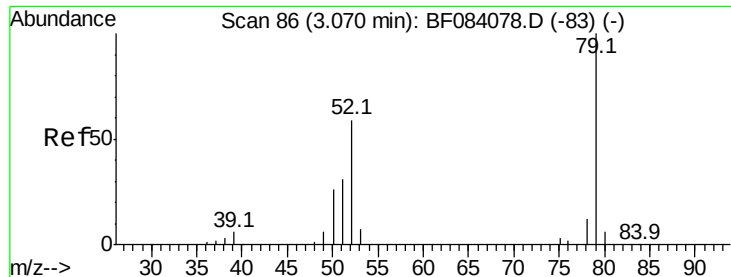


#2

1,4-Dioxane
Concen: 32.39 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.08 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.2	76.8
43	25.4	19.5	29.3





#3

Pvridine

Concen: 32.44 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.08 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

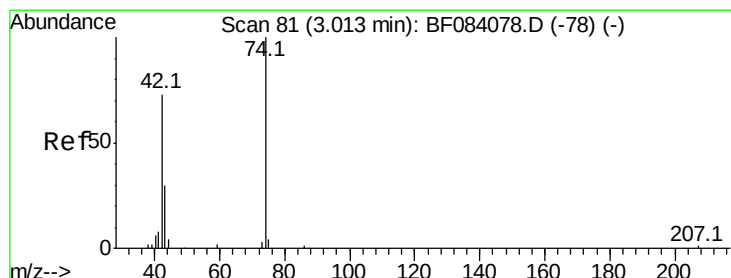
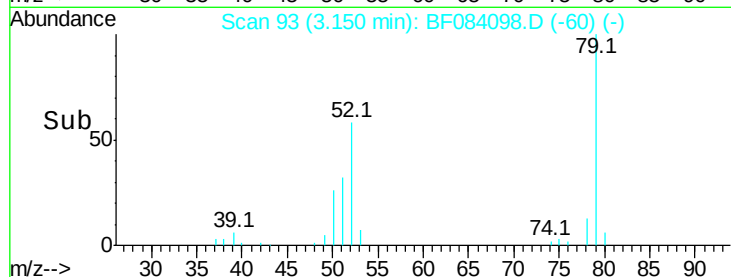
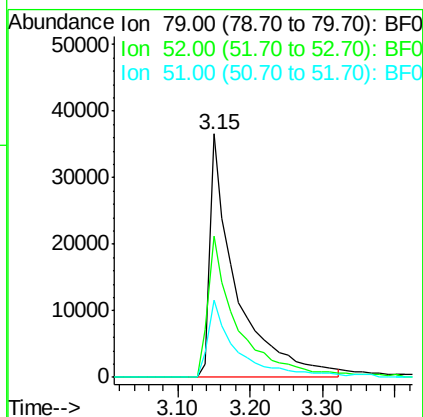
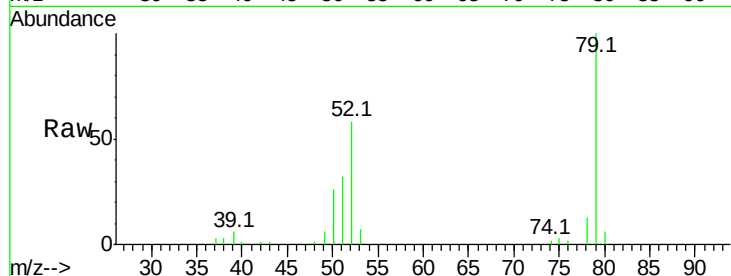
ClientSampleId :

PB87558BS

Tot Ion:	79	Resp:	92162
Ion Ratio	Lower	Upper	
79	100		
52	58.0	49.0	73.4
51	31.6	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.47 ng

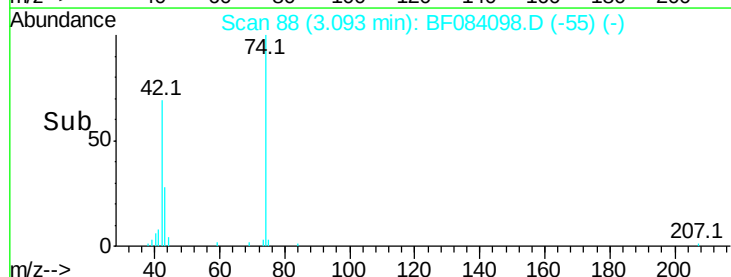
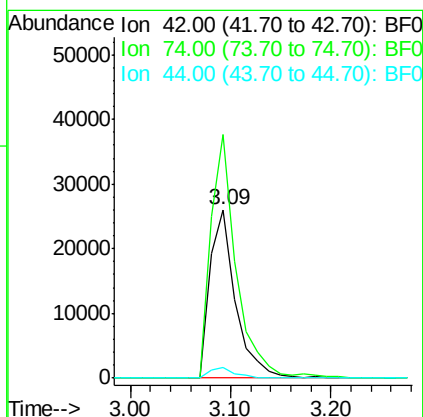
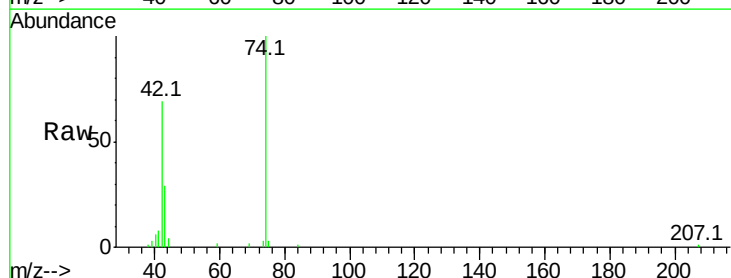
RT: 3.09 min Scan# 88

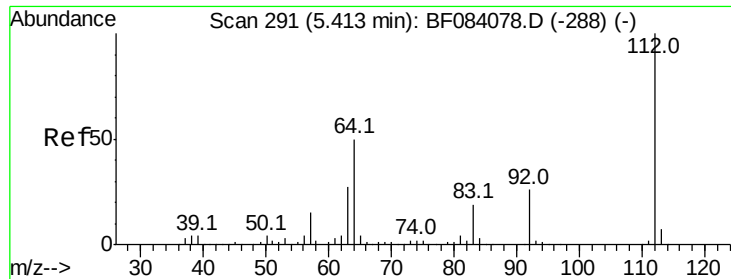
Delta R.T. 0.08 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	42	Resp:	45648
Ion Ratio	Lower	Upper	
42	100		
74	144.9	115.7	173.5
44	6.0	5.1	7.7





#5

2-Fluorophenol

Concen: 116.29 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

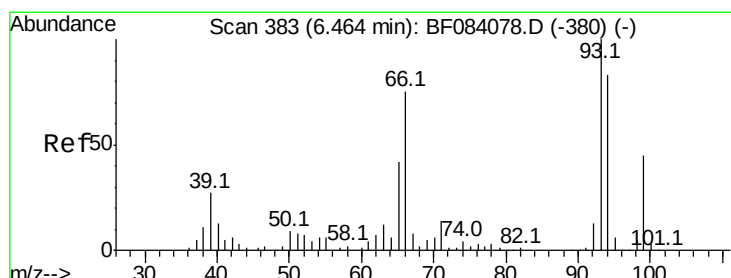
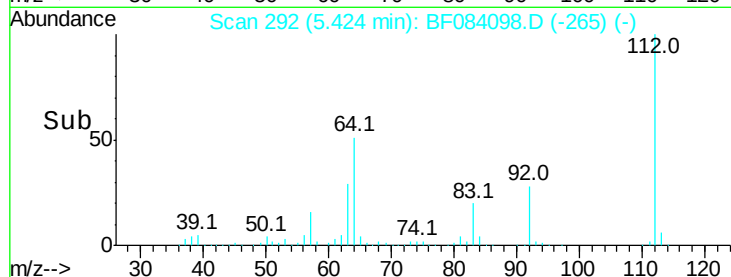
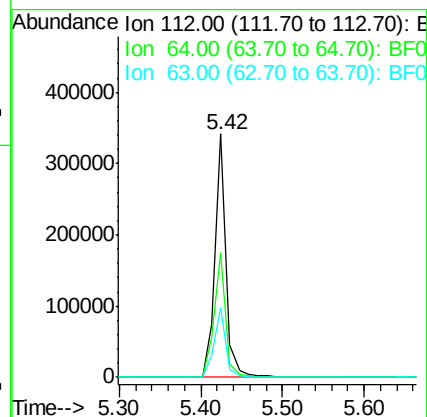
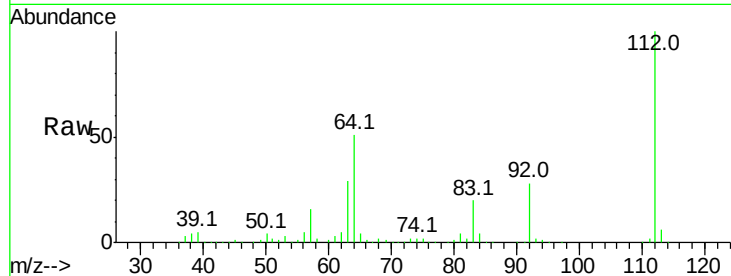
ClientSampleId :

PB87558BS

Tot Ion:	112	Resp:	330047
Ion Ratio	Lower	Upper	
112	100		
64	51.0	36.6	55.0
63	28.6	19.4	29.0

Manual Integrations
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#6

Aniline

Concen: 17.68 ng

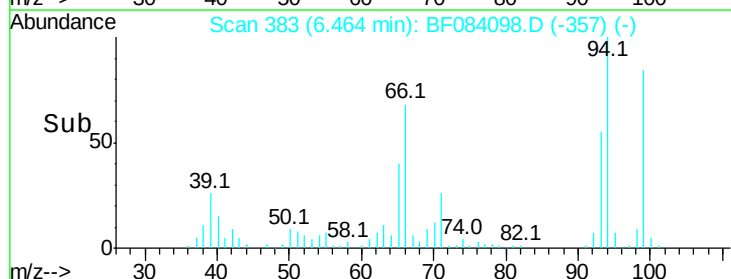
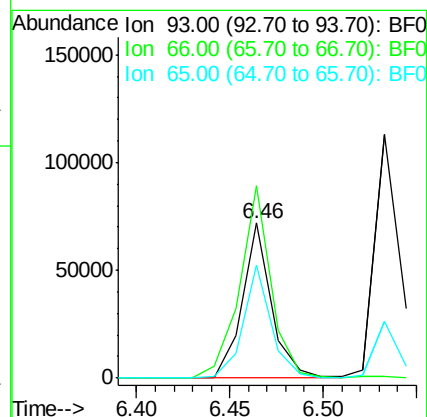
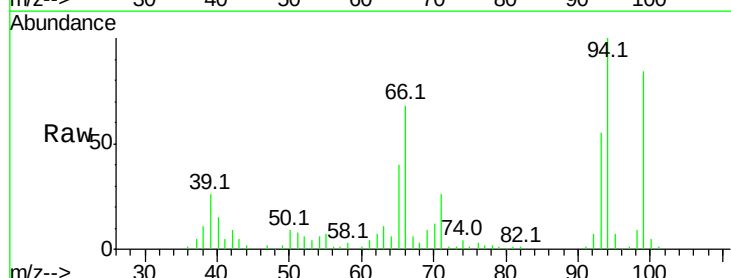
RT: 6.46 min Scan# 383

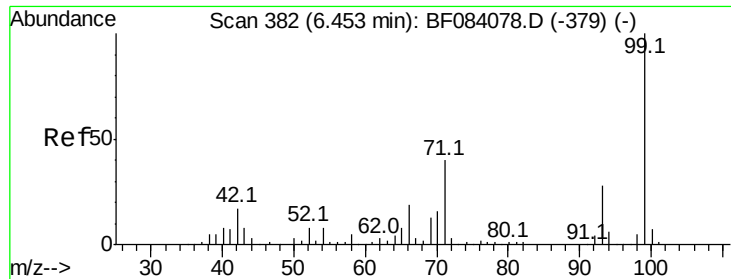
Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	93	Resp:	78498
Ion Ratio	Lower	Upper	
93	100		
66	124.0	44.9	67.3#
65	73.2	23.7	35.5#





#7

Phenol-d6

Concen: 107.21 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

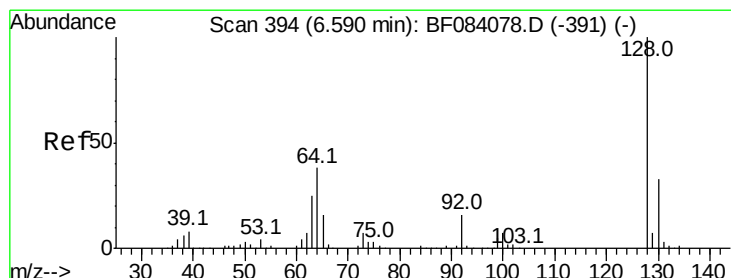
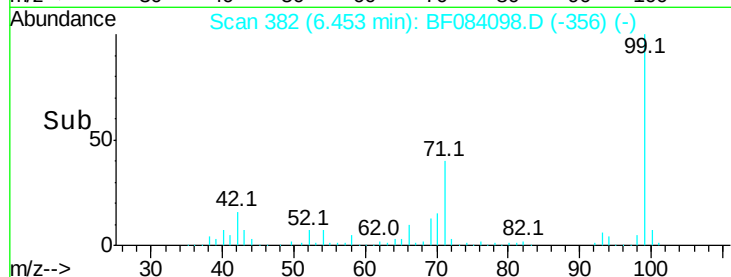
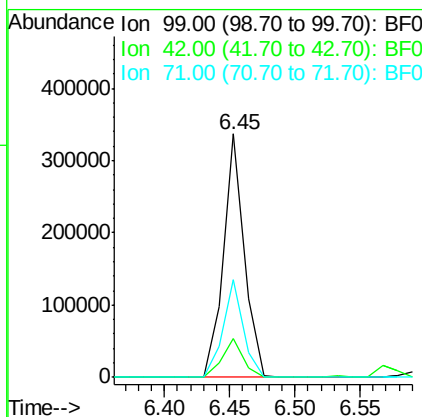
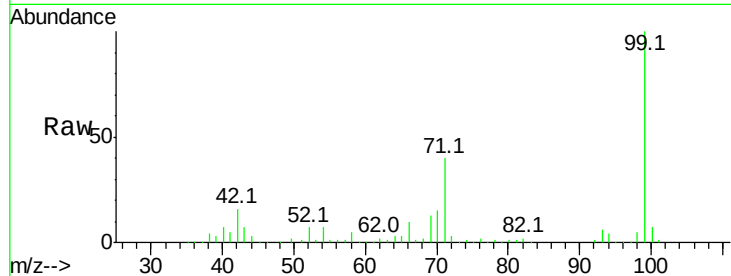
ClientSampleId :

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Tot Ion:	99	Resp:	376514
Ion Ratio	Lower	Upper	
99	100		
42	16.1	12.8	19.2
71	40.1	30.9	46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.38 ng

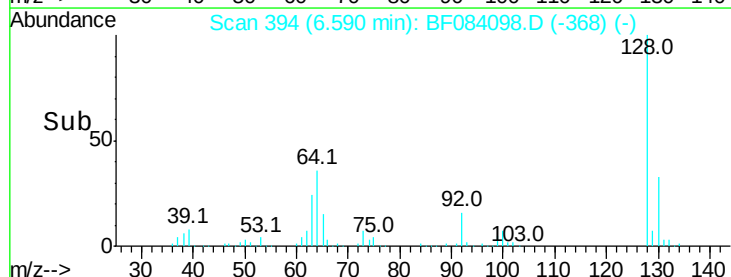
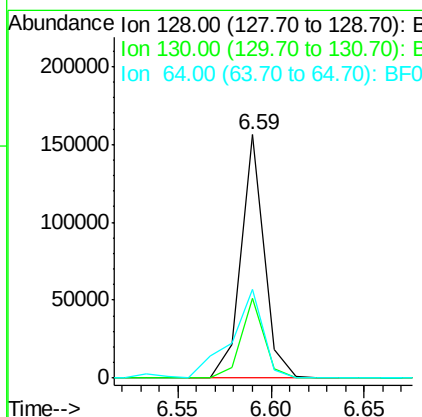
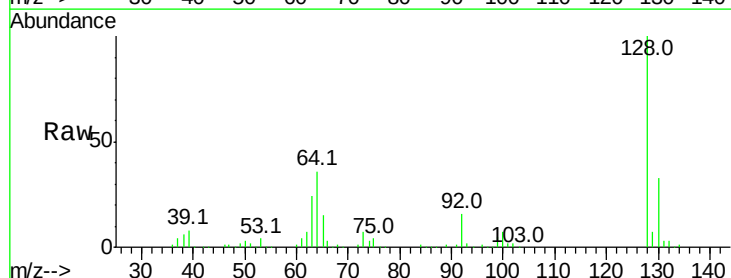
RT: 6.59 min Scan# 394

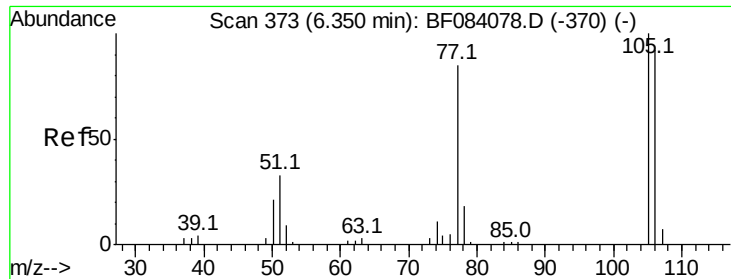
Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	128	Resp:	135266
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.6	51.6
64	36.2	23.8	63.8





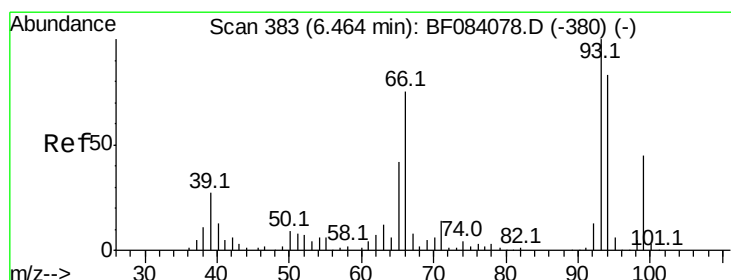
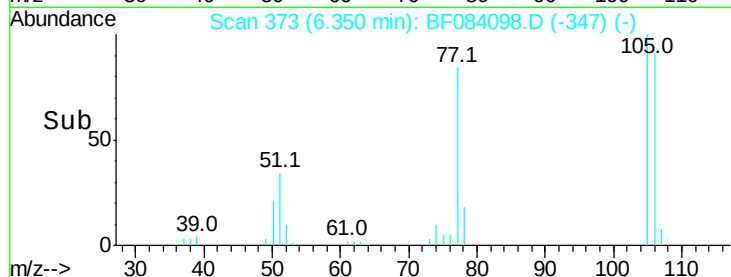
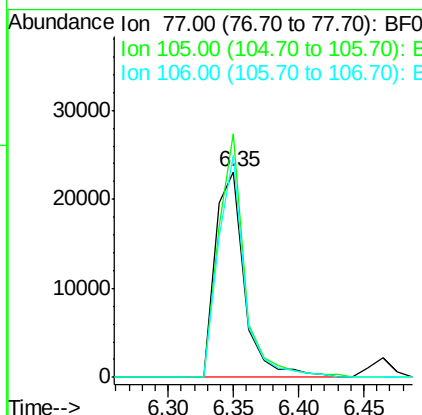
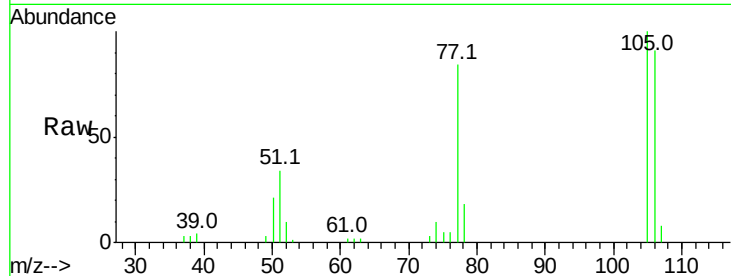
#9
Benzaldehyde
Concen: 19.18 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	118.4	83.0	123.0
106	107.7	74.6	114.6

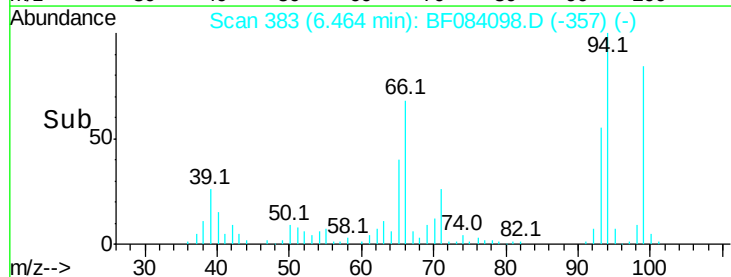
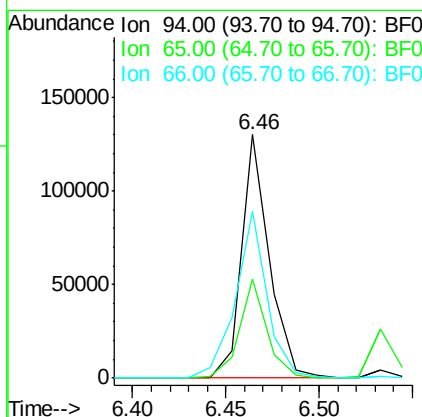
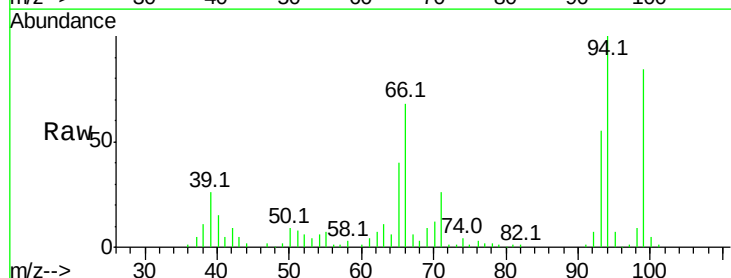
Manual Integrations
APPROVED

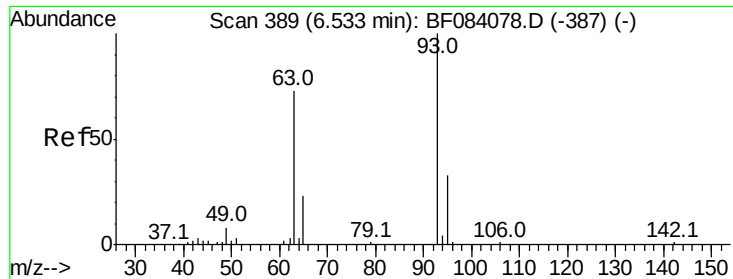
Sohil
12/28/2015 1:10:04 PM



#10
Phenol
Concen: 33.35 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.4	12.9	52.9
66	68.5	32.7	72.7





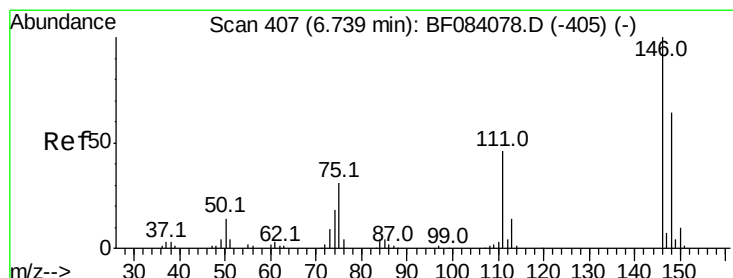
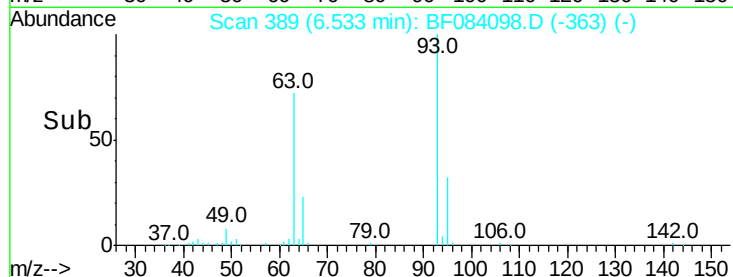
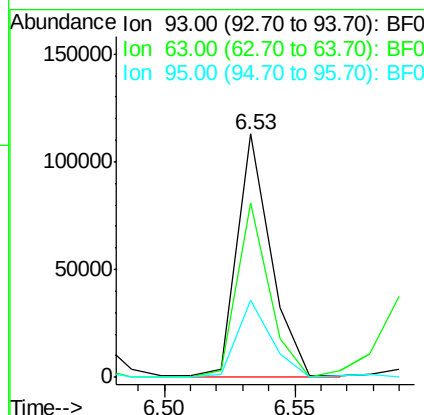
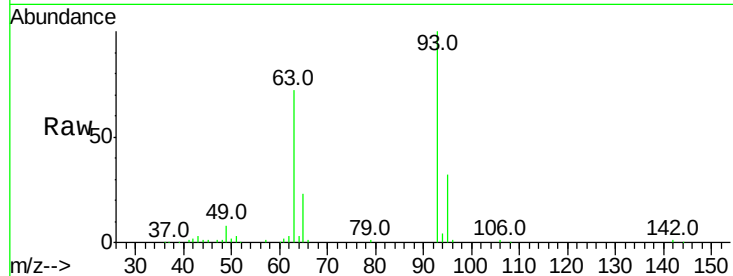
#11
bis(2-Chloroethyl)ether
Concen: 35.74 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	45.9	85.9
95	31.9	12.3	52.3

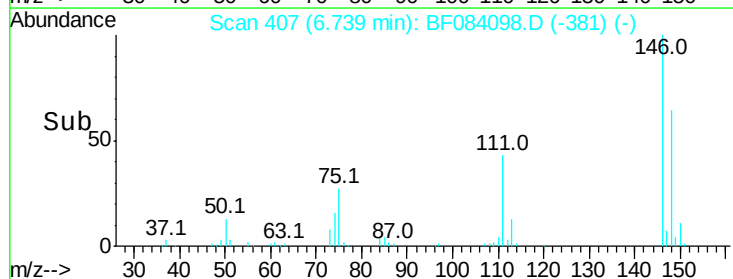
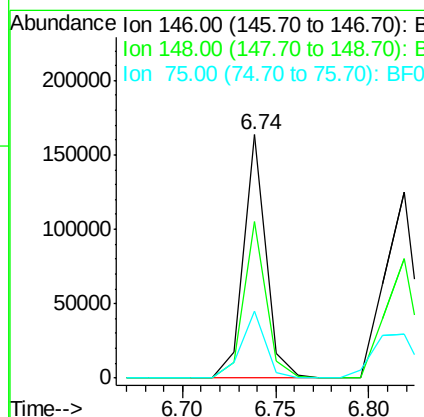
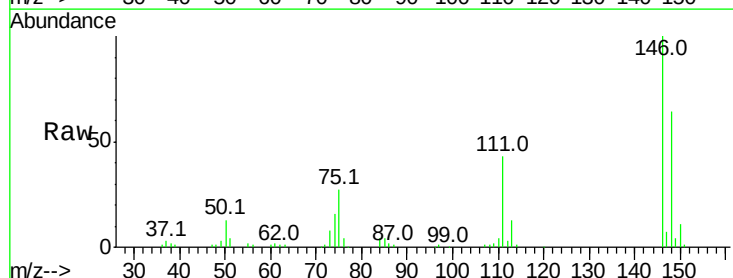
Manual Integrations
APPROVED

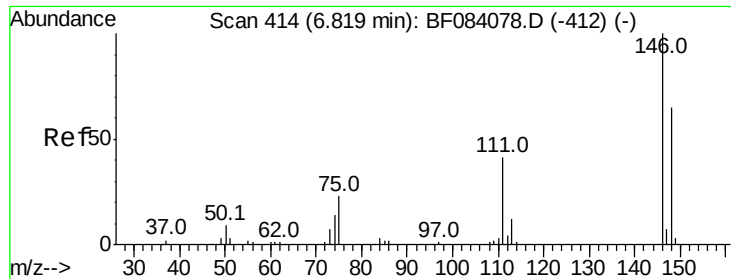
Sohil
12/28/2015 1:10:04 PM



#12
1,3-Dichlorobenzene
Concen: 35.72 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	27.5	20.5	30.7





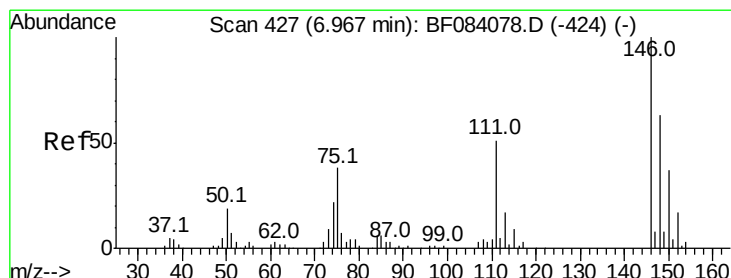
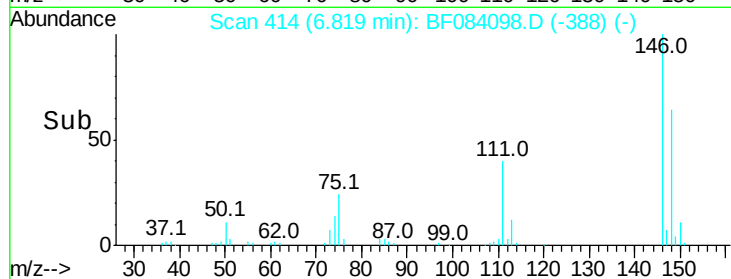
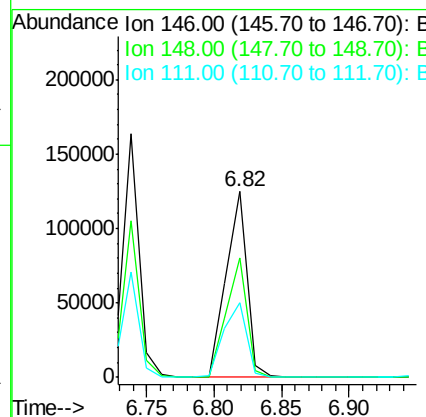
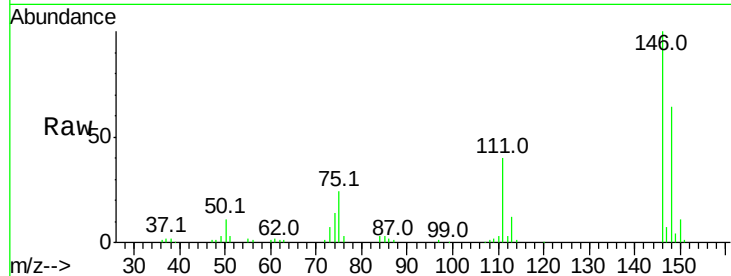
#13
1,4-Dichlorobenzene
Concen: 35.09 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	40.3	41.6	62.4

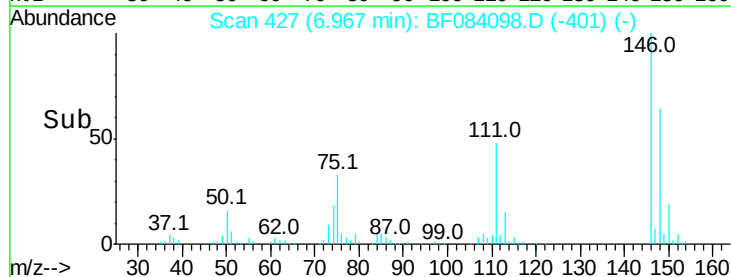
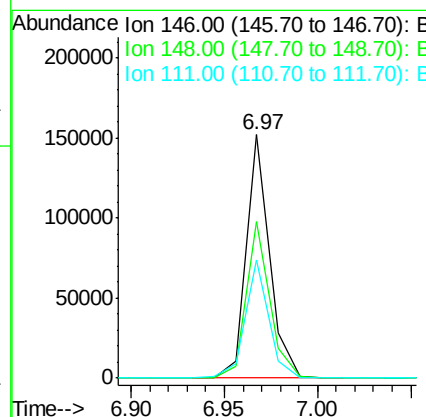
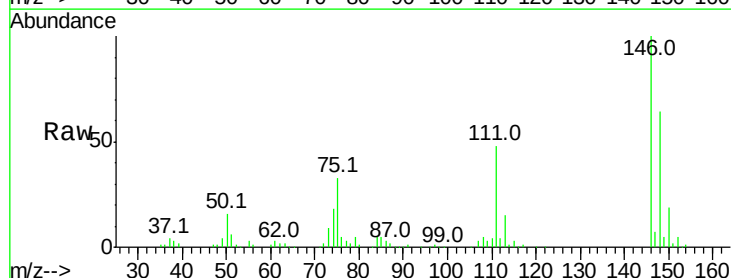
Manual Integrations
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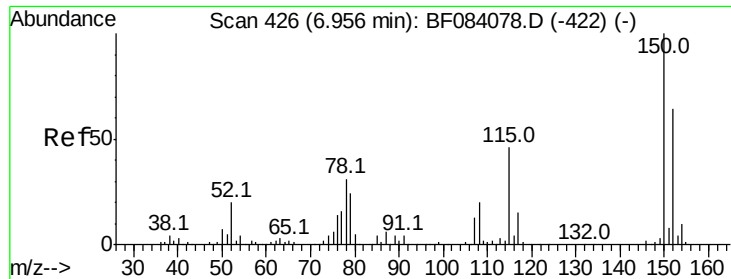
Sohil
12/28/2015 1:10:04 PM



#14
1,2-Dichlorobenzene
Concen: 36.92 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	48.5	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.14 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PB87558BS

Tot Ion: 79 Resp: 104095

Ion Ratio Lower Upper

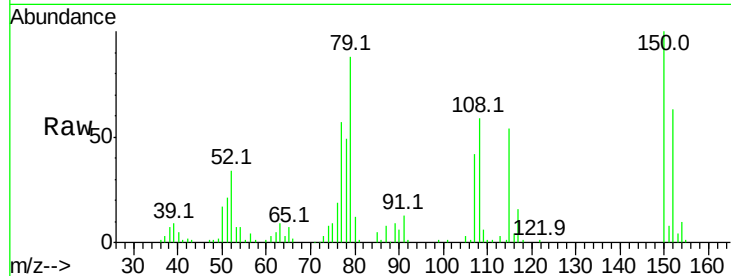
79 100

108 67.6 69.0 103.4#

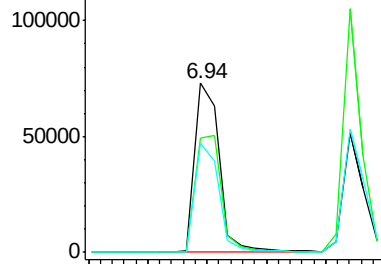
77 64.5 50.0 75.0

Manual Integrations
APPROVED

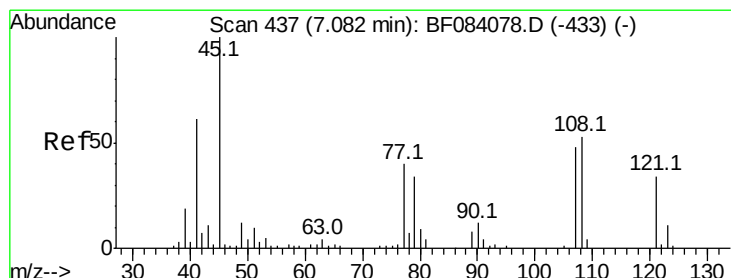
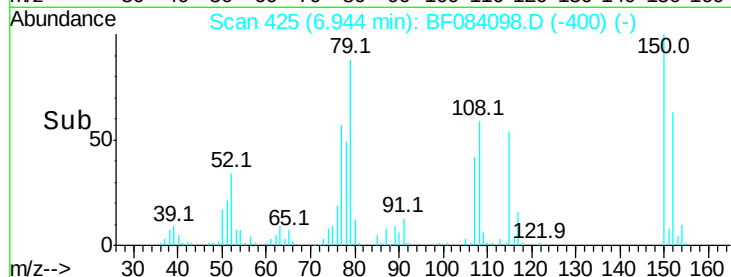
Sohil
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



Time--> 6.85 6.90 6.95 7.00 7.05



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.74 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

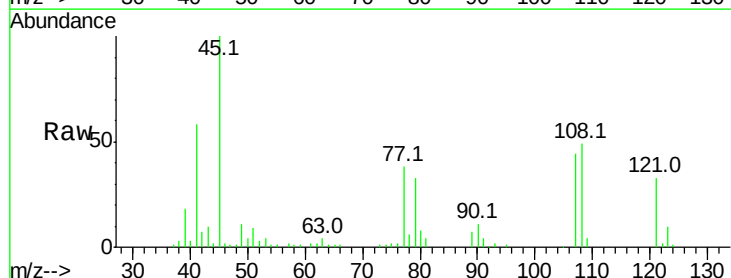
Tgt Ion: 45 Resp: 98296

Ion Ratio Lower Upper

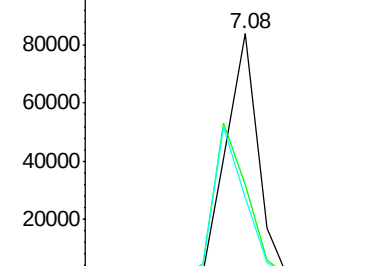
45 100

77 38.0 0.0 39.6

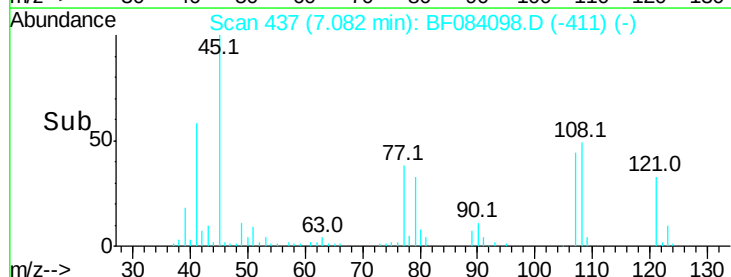
79 32.8 0.0 35.0

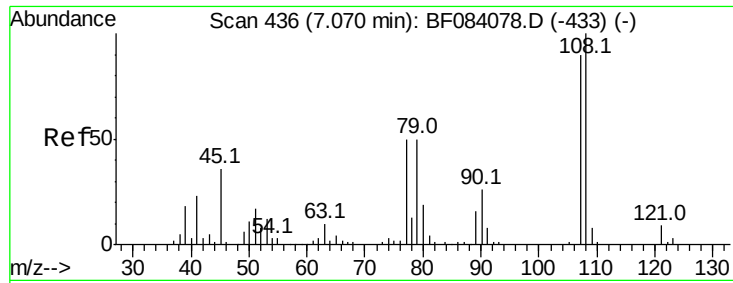


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



Time--> 7.00 7.05 7.10





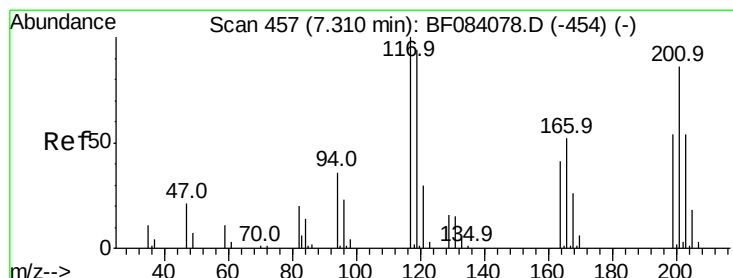
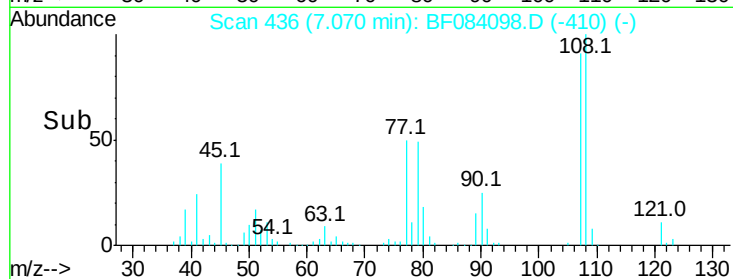
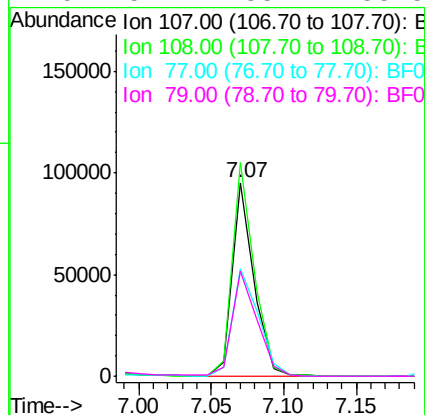
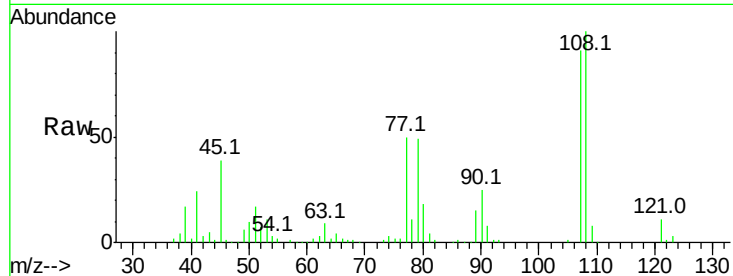
#17
2-Methylphenol
Concen: 36.50 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.8	134.6
77	55.5	35.7	53.5#
79	54.2	35.7	53.5#

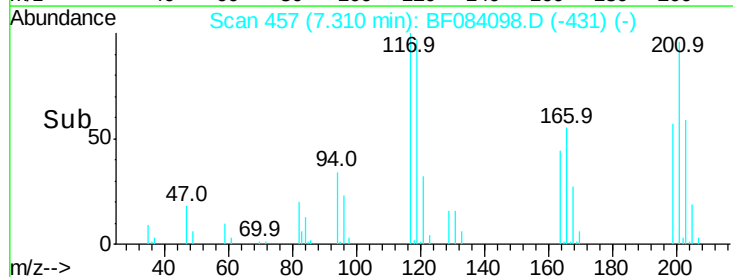
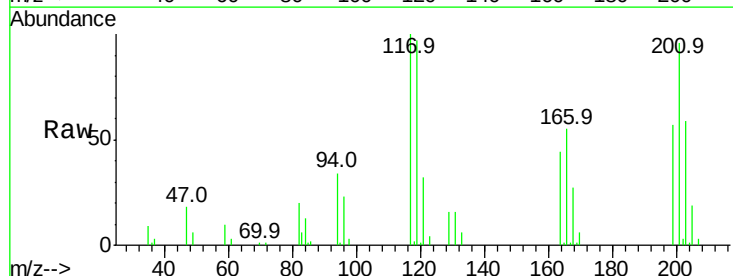
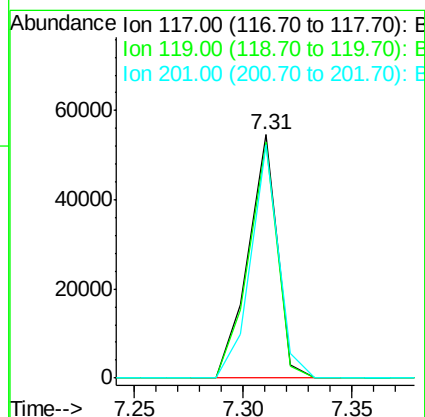
Manual Integrations
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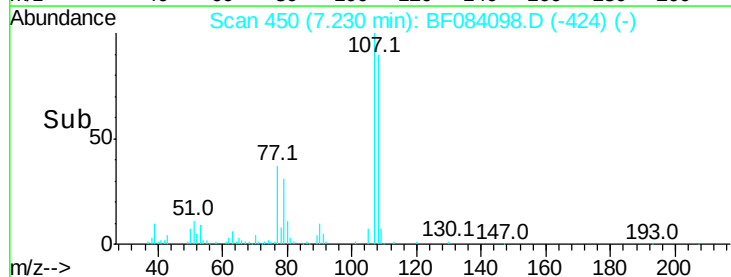
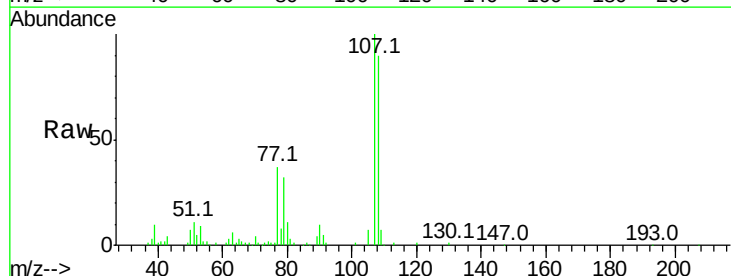
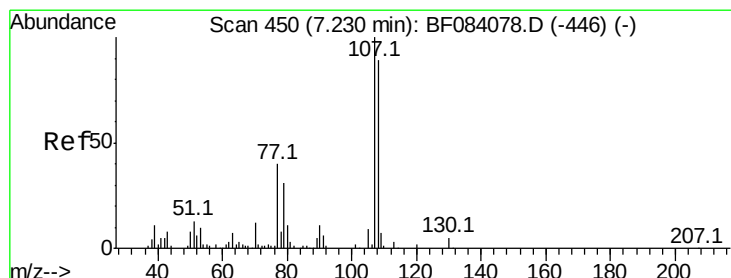
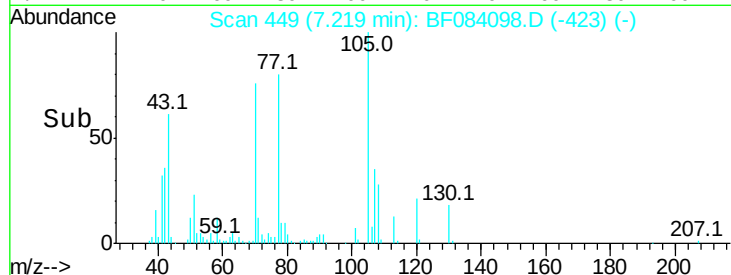
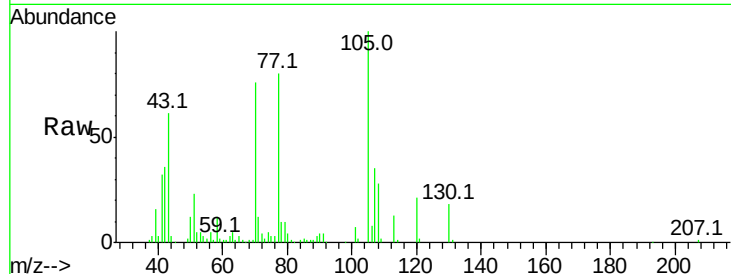
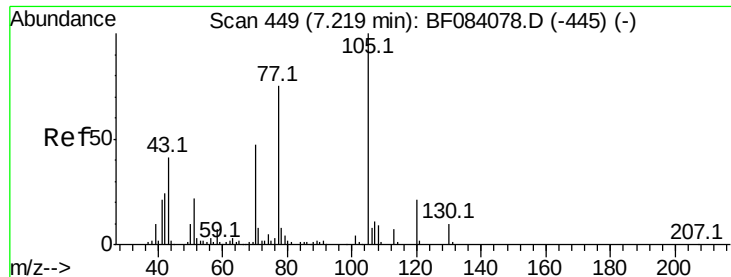
Sohil
12/28/2015 1:10:04 PM



#18
Hexachloroethane
Concen: 35.89 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	95.7	68.6	103.0





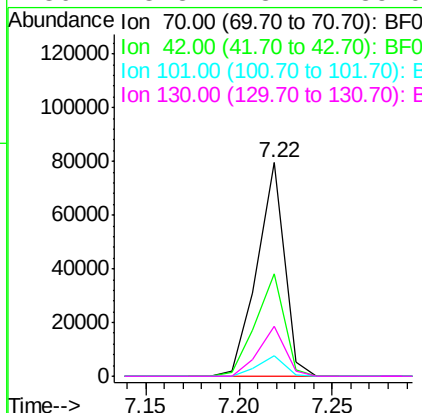
#19
n-Nitroso-di-n-propylamine
Concen: 37.35 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.1	33.3	49.9
101	9.8	9.3	13.9
130	23.3	23.4	35.0#

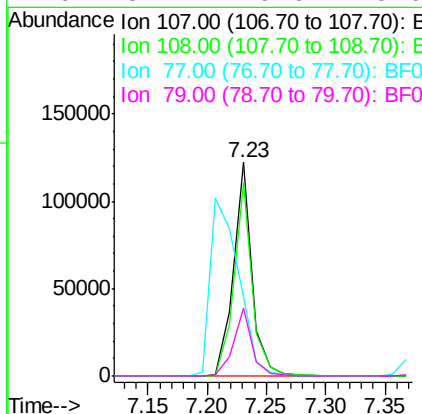
Manual Integrations
APPROVED

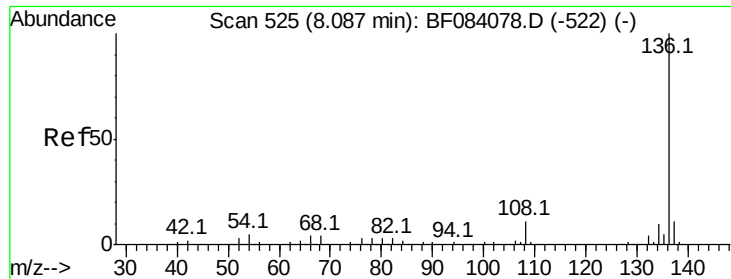
Sohil
12/28/2015 1:10:04 PM



#20
3+4-Methylphenols
Concen: 38.41 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	64.1	104.1
77	37.1	128.9	168.9#
79	31.7	9.6	49.6





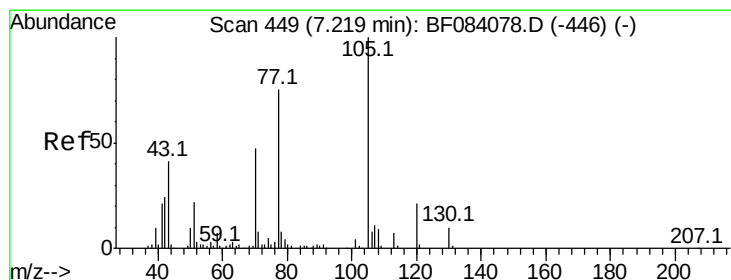
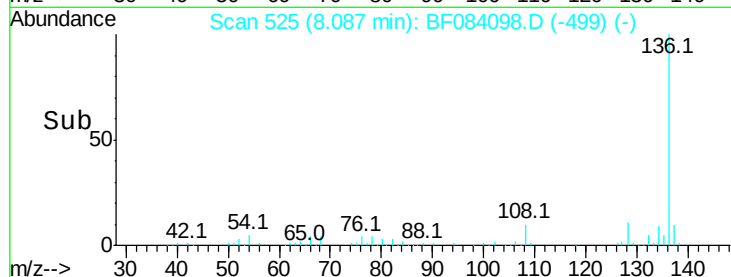
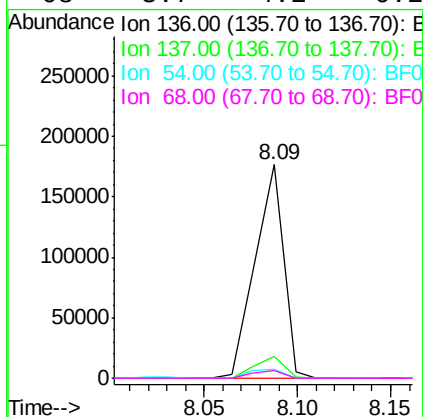
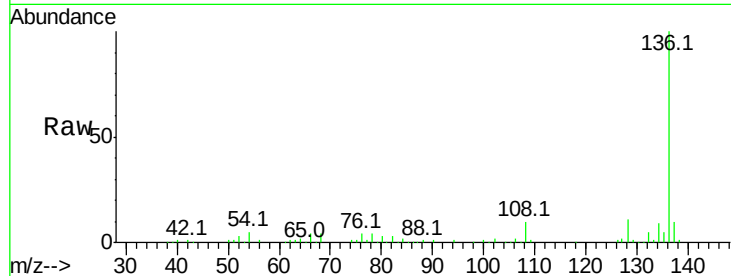
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	186842		
137	10.4	8.7	13.1	
54	4.5	5.8	8.8#	
68	3.7	4.2	6.2#	

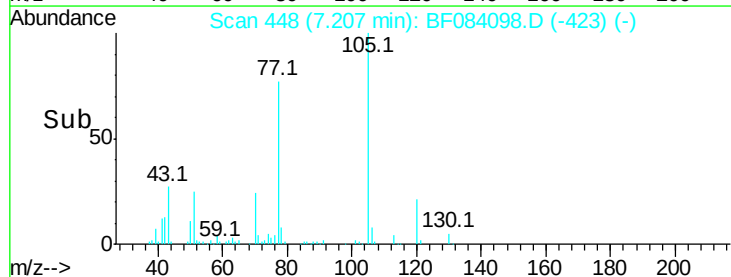
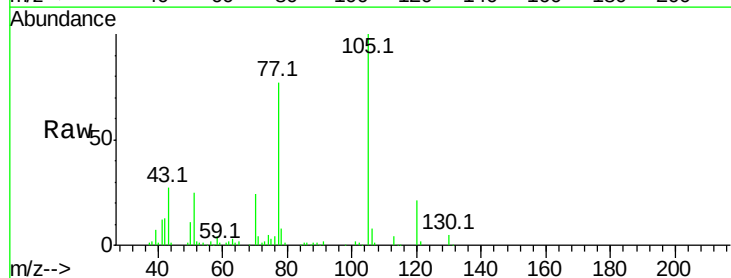
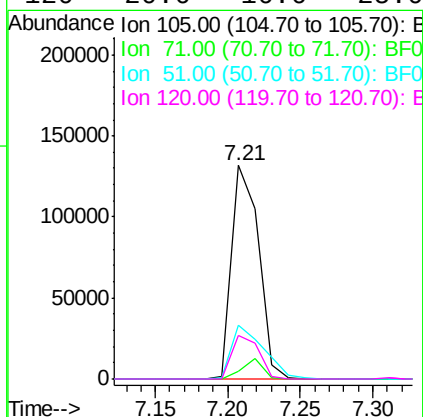
Manual Integrations
APPROVED

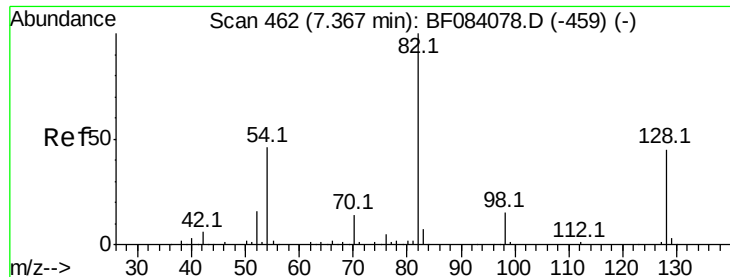
Sohil
12/28/2015 1:10:04 PM



#22
Acetophenone
Concen: 36.51 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	170456		
71	3.9	3.7	5.5	
51	24.9	25.1	37.7#	
120	20.6	16.6	25.0	





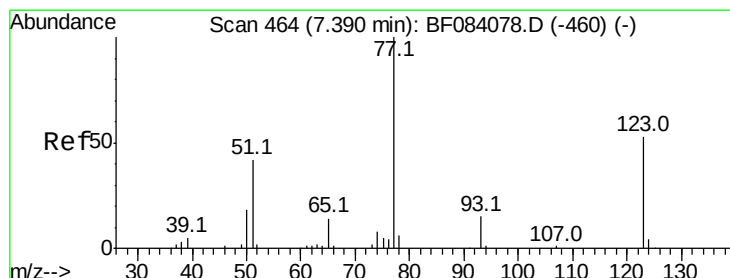
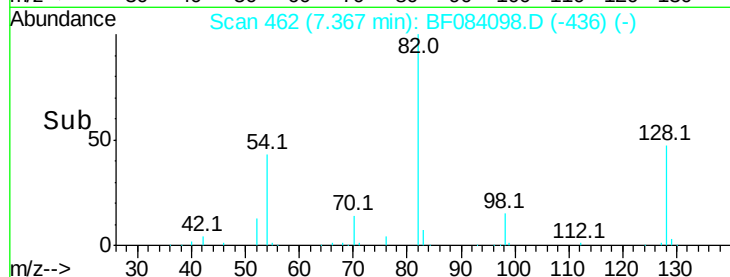
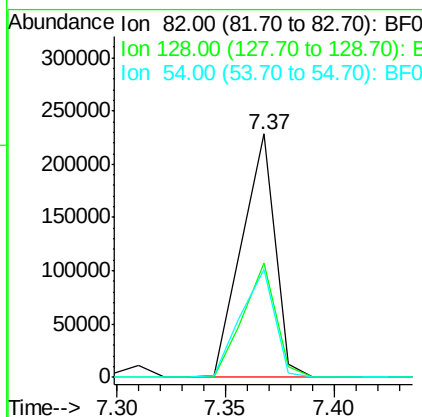
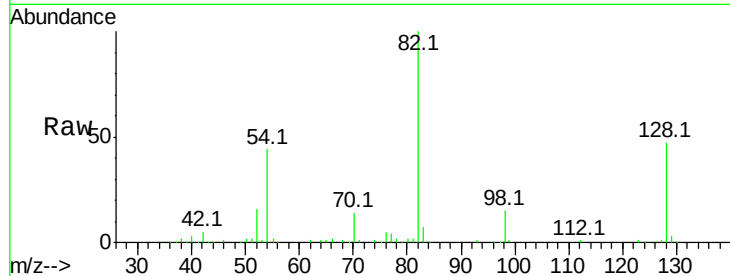
#23
 Nitrobenzene-d5
 Concen: 76.08 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleID :
 PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	34.6	51.8	
54	44.4	38.4	57.6	

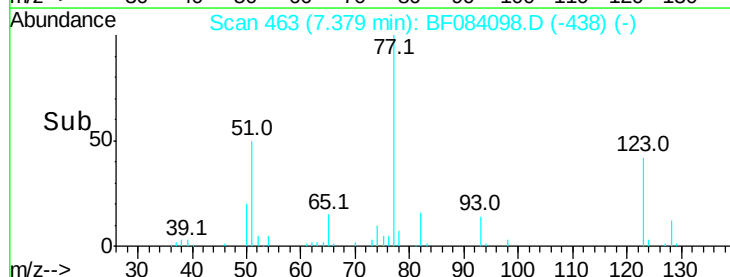
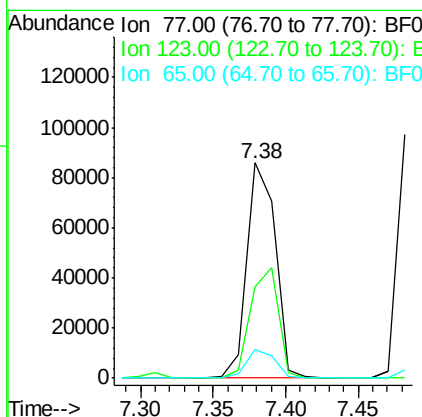
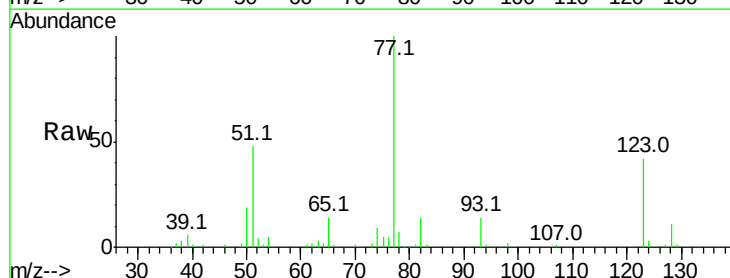
Manual Integrations
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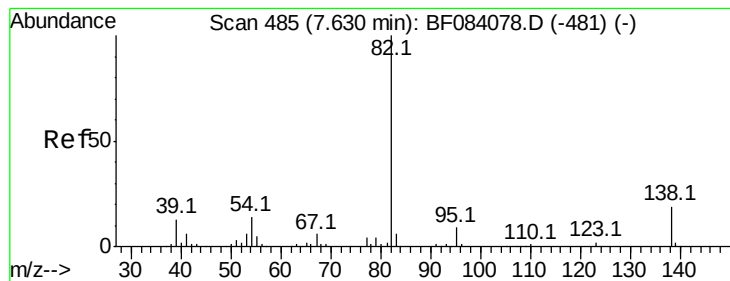
Sohil
 12/28/2015 1:10:04 PM



#24
 Nitrobenzene
 Concen: 34.50 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.3	37.4	56.2	
65	13.6	10.9	16.3	





#25

Isophorone

Concen: 36.27 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

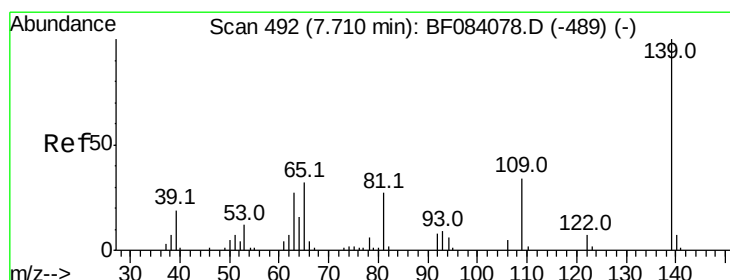
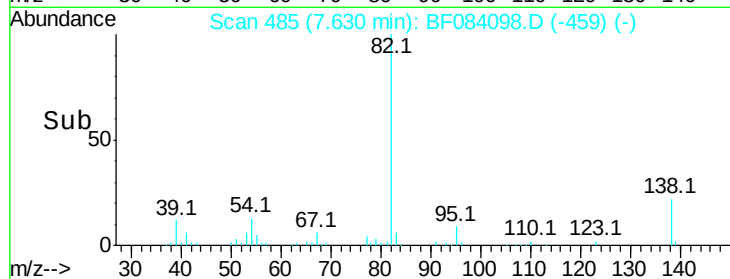
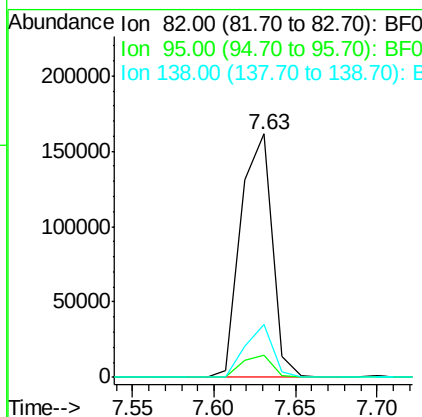
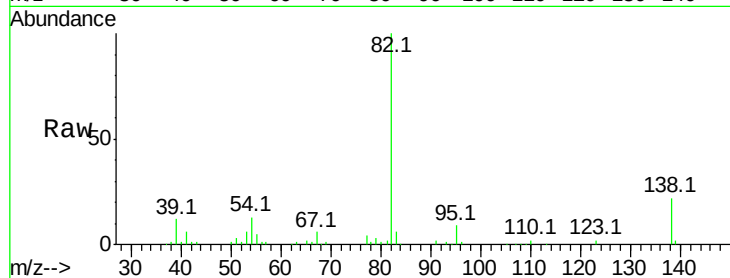
ClientSampleId :

PB87558BS

Tot Ion:	82	Resp:	214140
Ion Ratio	Lower	Upper	
82	100		
95	9.1	6.6	10.0
138	21.8	13.6	20.4#

Manual Integrations
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Sohil
12/28/2015 1:10:04 PM



#26

2-Nitrophenol

Concen: 37.46 ng

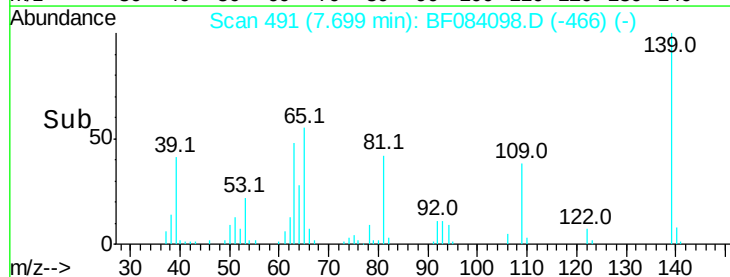
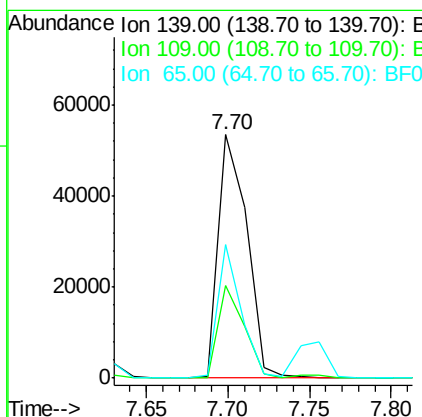
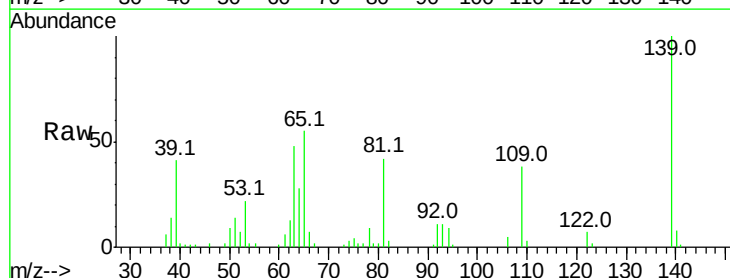
RT: 7.70 min Scan# 491

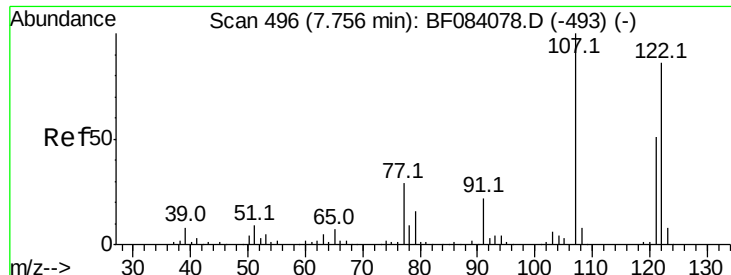
Delta R.T. -0.01 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	139	Resp:	64983
Ion Ratio	Lower	Upper	
139	100		
109	38.0	25.4	38.2
65	55.0	32.3	48.5#





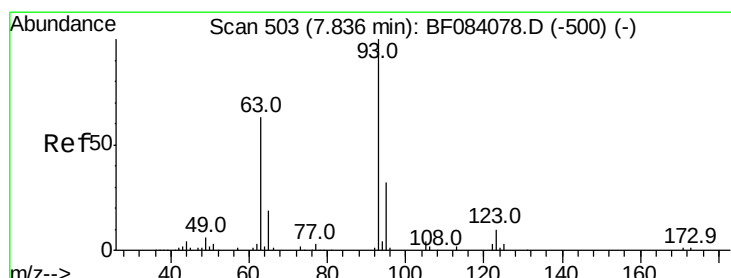
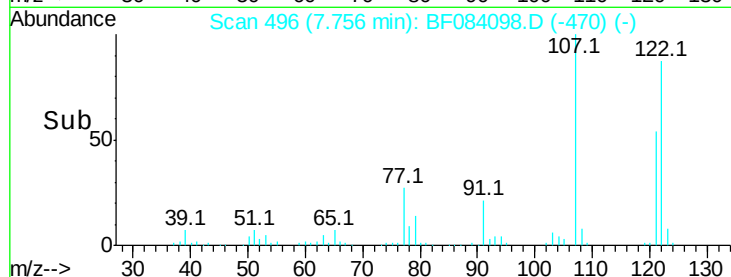
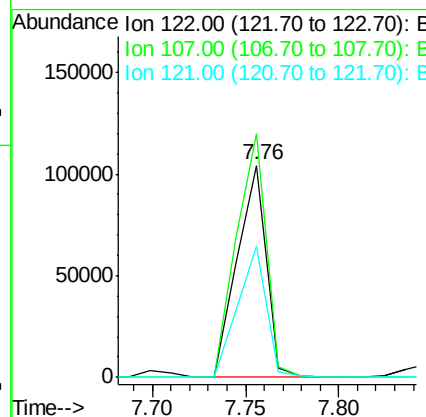
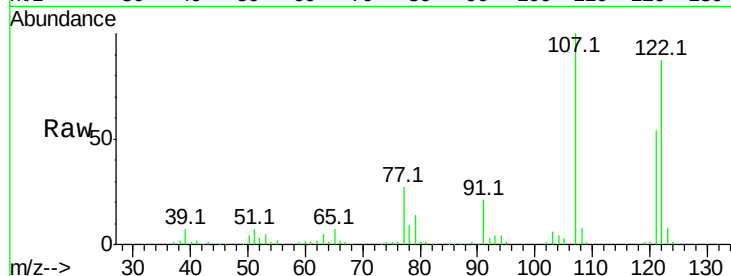
#27
 2,4-Dimethylphenol
 Concen: 39.72 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	114342		
107	114.9	99.1	148.7	
121	62.0	47.9	71.9	

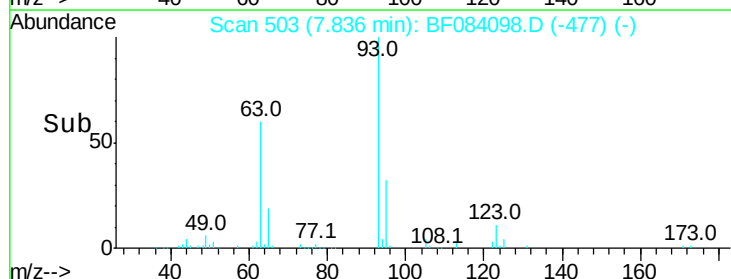
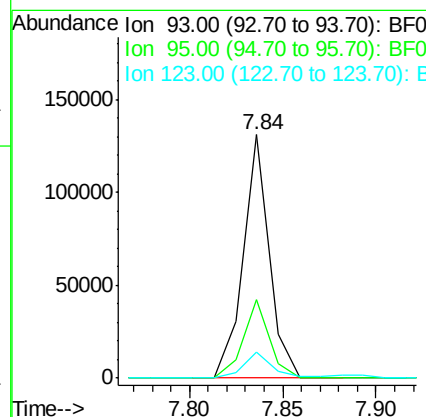
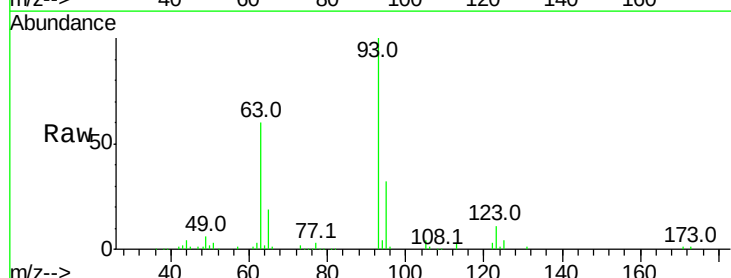
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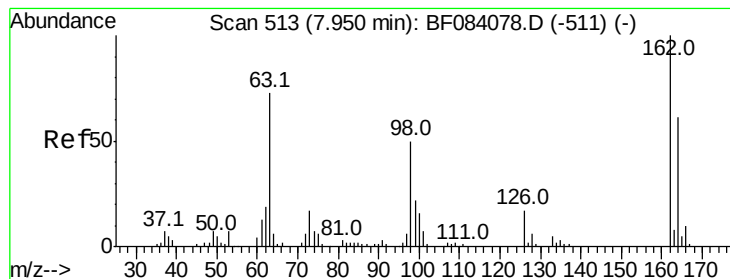
Sohil
 12/28/2015 1:10:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.05 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	127537		
95	32.4	25.8	38.6	
123	10.9	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 38.44 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

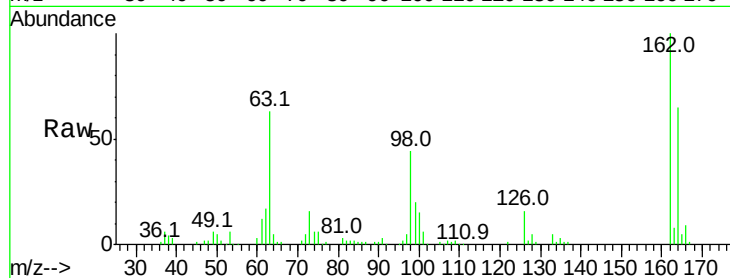
ClientSampleId :

PB87558BS

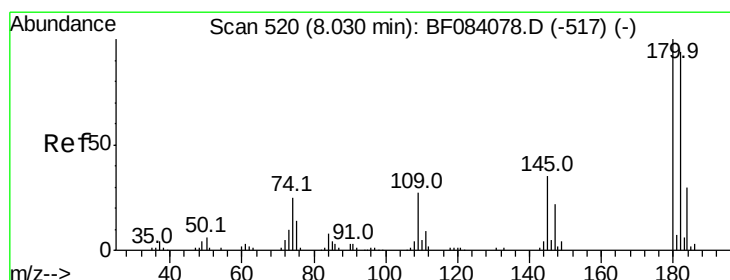
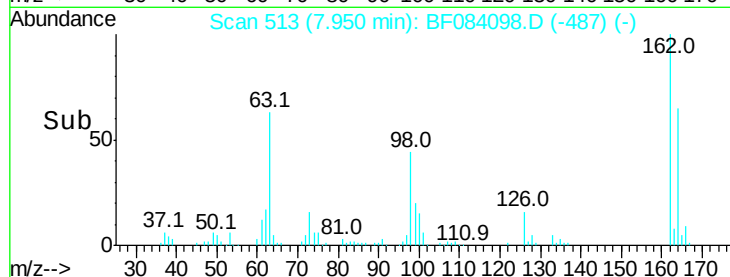
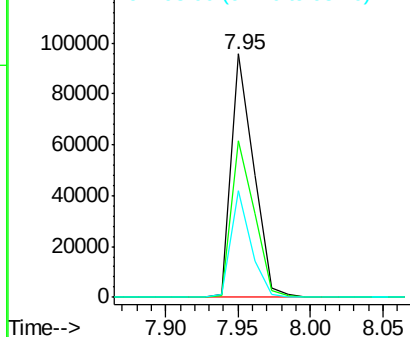
Tot Ion:	162	Resp:	102770
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.1	84.1
98	43.9	20.2	60.2

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



#30

1,2,4-Trichlorobenzene

Concen: 37.44 ng

RT: 8.03 min Scan# 520

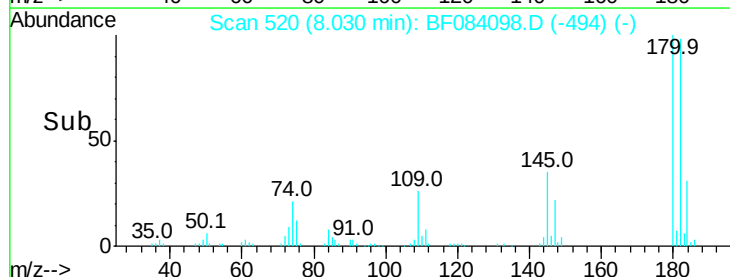
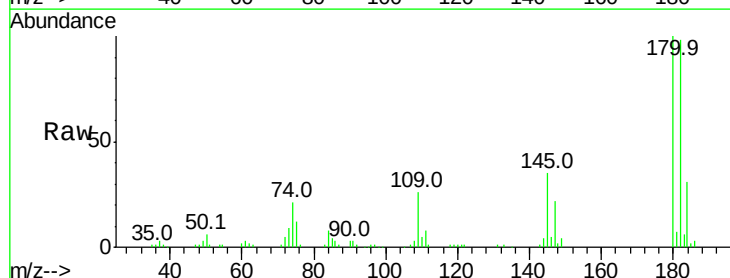
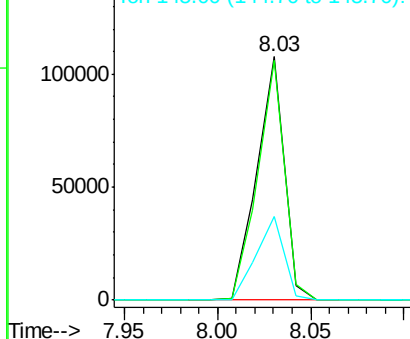
Delta R.T. 0.00 min

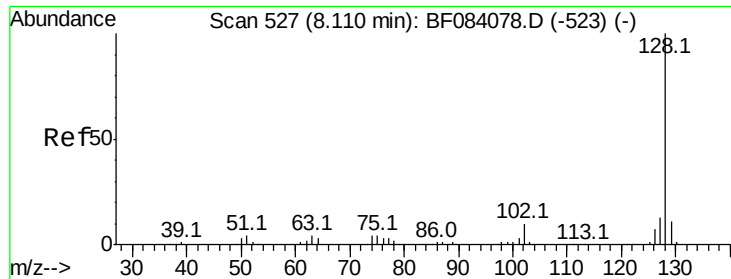
Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	180	Resp:	109697
Ion Ratio	Lower	Upper	
180	100		
182	98.5	76.4	114.6
145	34.6	31.6	47.4

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





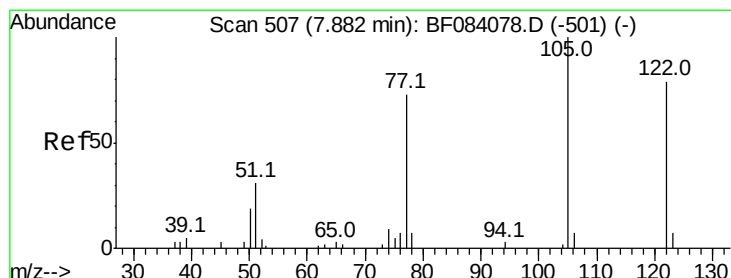
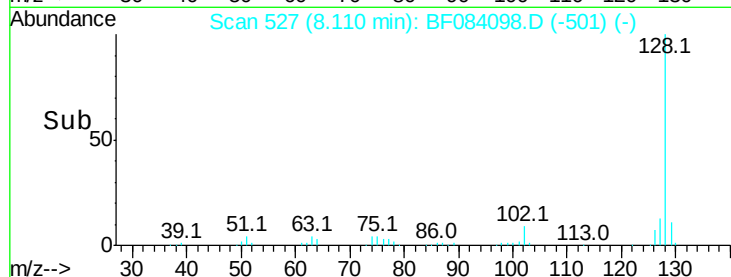
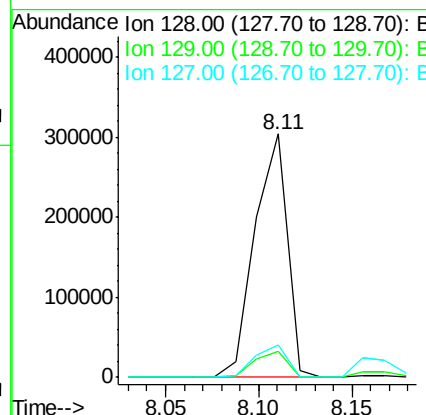
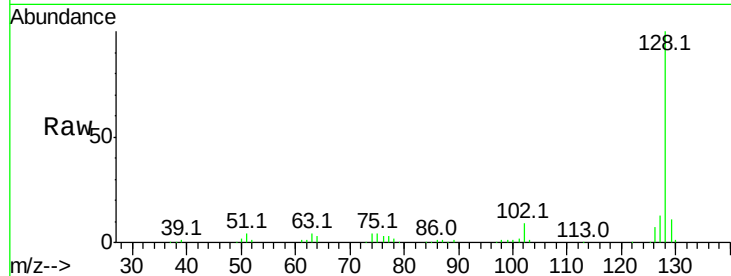
#31
Naphthalene
Concen: 36.87 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.5	11.1	16.7

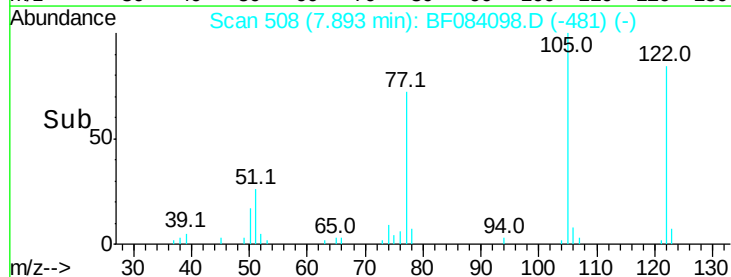
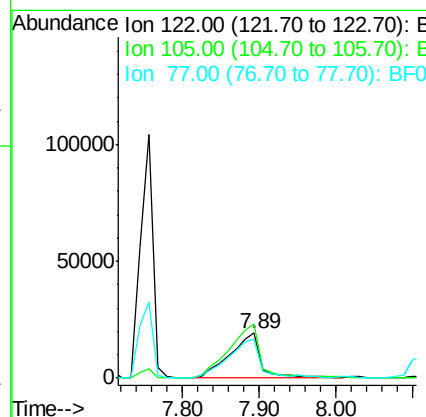
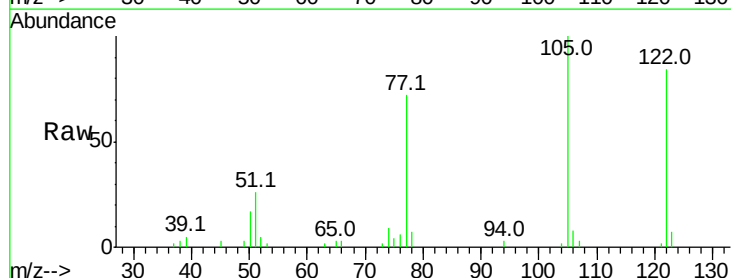
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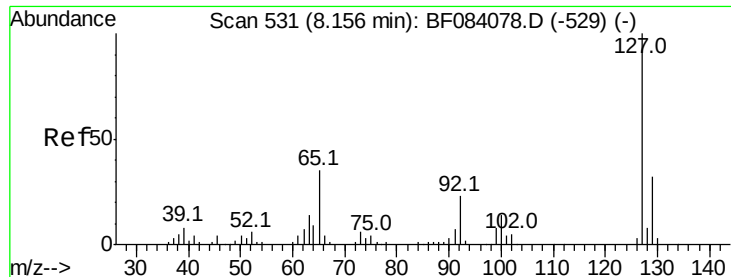
Sohil
12/28/2015 1:10:04 PM



#32
Benzoic acid
Concen: 39.75 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	119.6	100.3	140.3
77	86.4	63.5	103.5





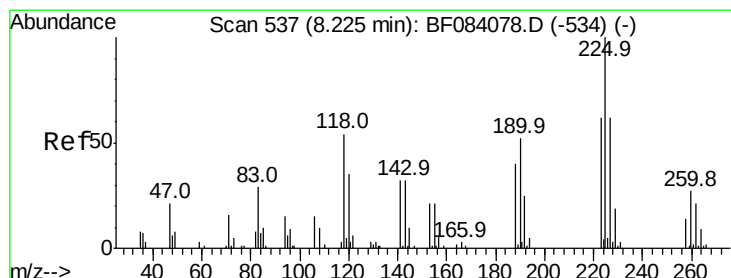
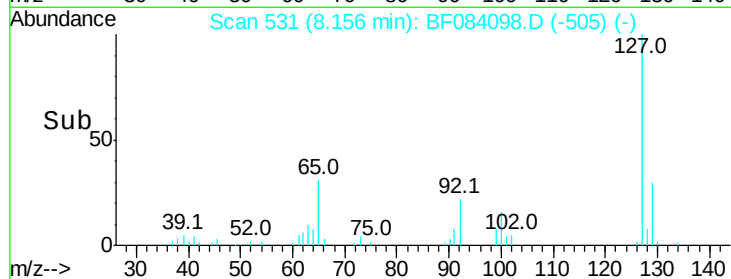
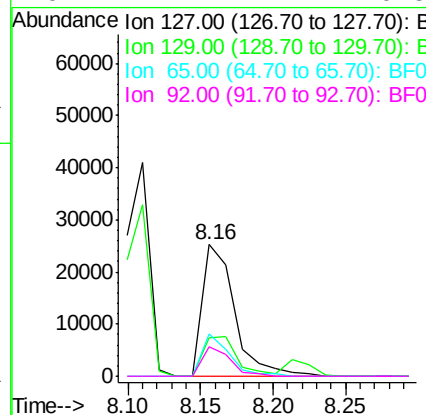
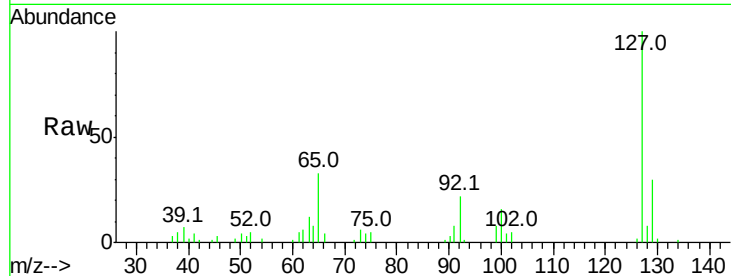
#33
4-Chloroaniline
Concen: 9.88 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		39087		
129	29.5	26.5	39.7		
65	32.5	27.2	40.8		
92	22.1	17.7	26.5		

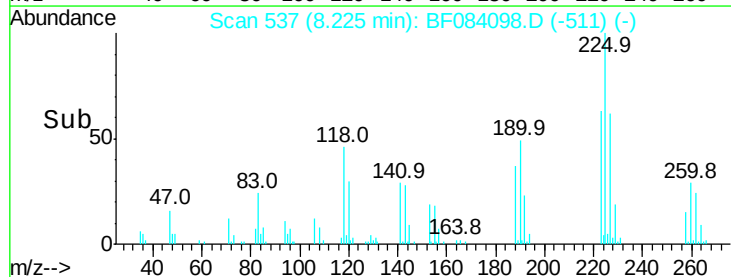
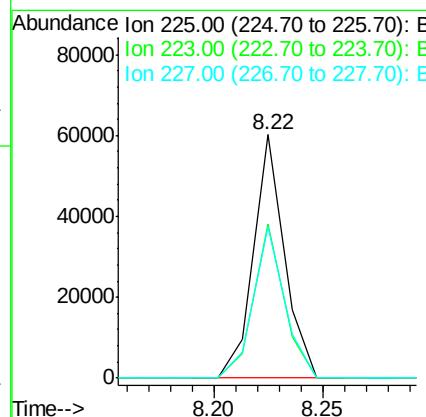
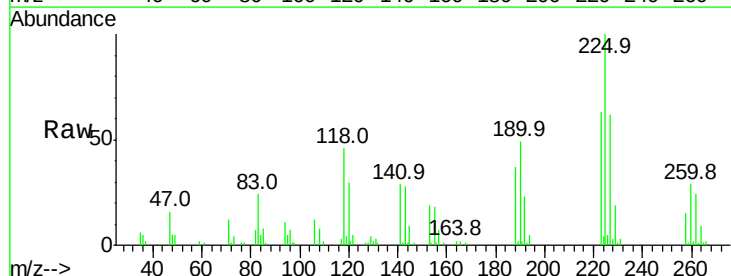
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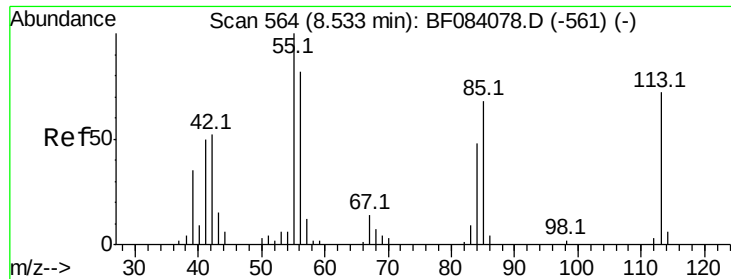
Sohil
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#34
Hexachlorobutadiene
Concen: 35.55 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		59414		
223	63.4	49.4	74.0		
227	62.1	50.8	76.2		





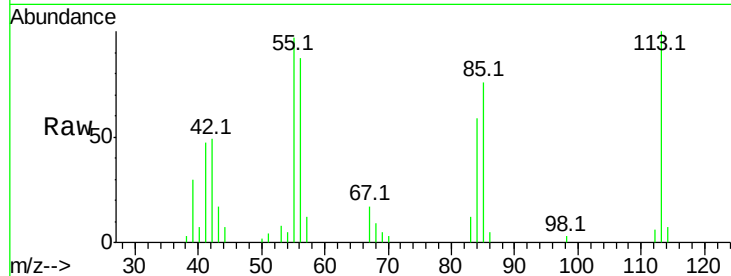
#35
 Caprolactam
 Concen: 44.13 ng/ml
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	97.2	116.9	156.9#
56	87.2	93.8	133.8#

Manual Integrations
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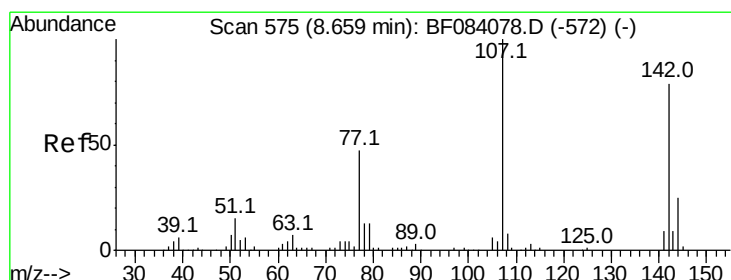
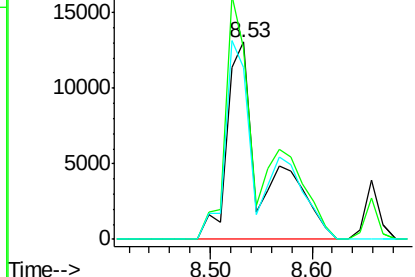
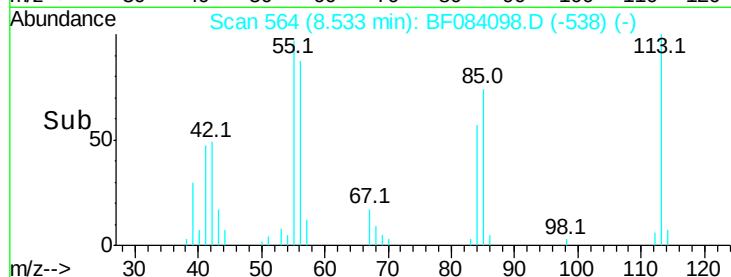
Sohil
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Abundance Ion 113.00 (112.70 to 113.70): E

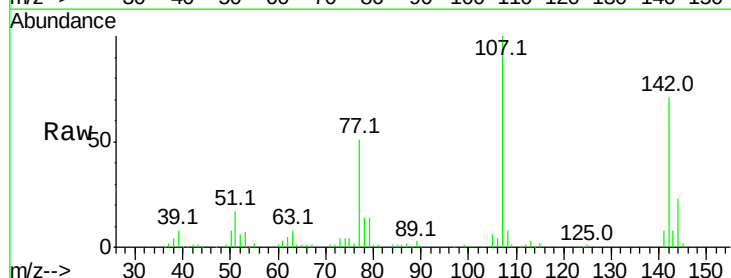
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 39.66 ng/ml
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

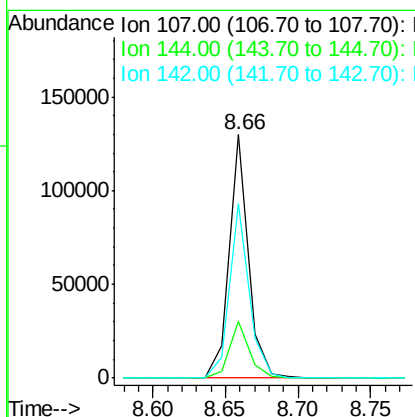
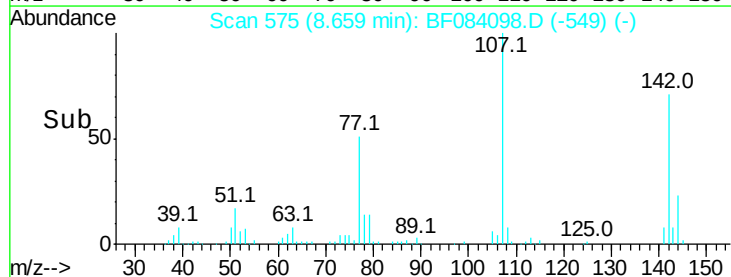
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.7	29.5
142	71.5	61.8	92.6

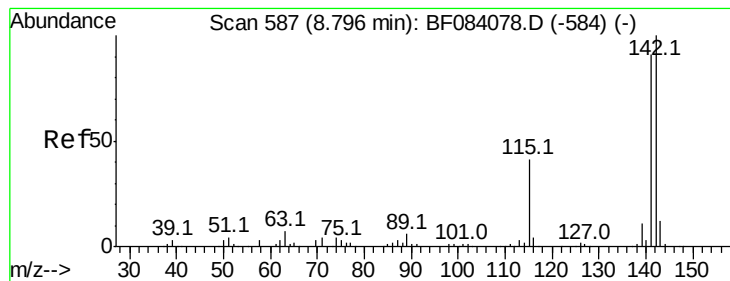


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.37 ng

RT: 8.80 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

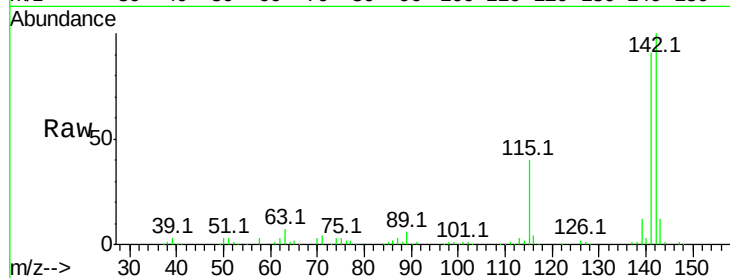
ClientSampleId :

PB87558BS

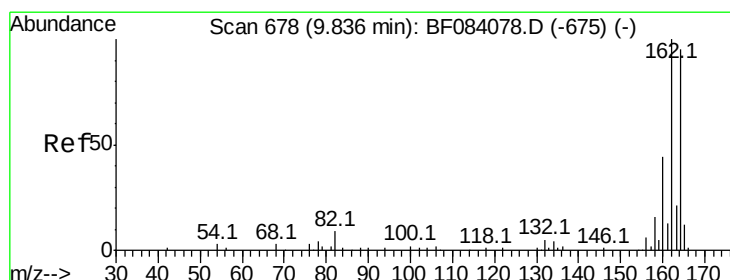
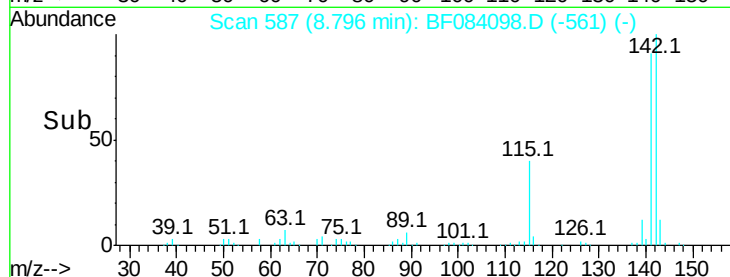
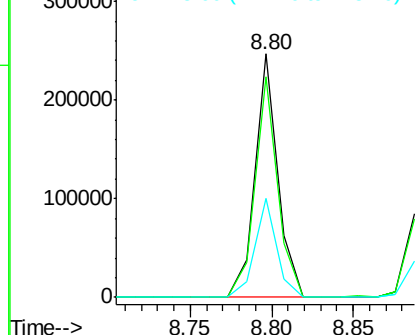
Tot Ion:	142	Resp:	238766
Ion Ratio	Lower	Upper	
142	100		
141	90.7	72.4	108.6
115	40.4	27.9	41.9

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

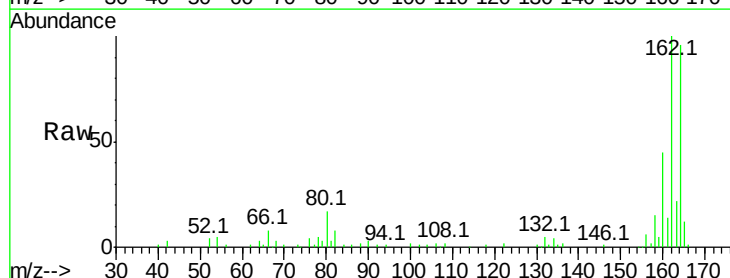
RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

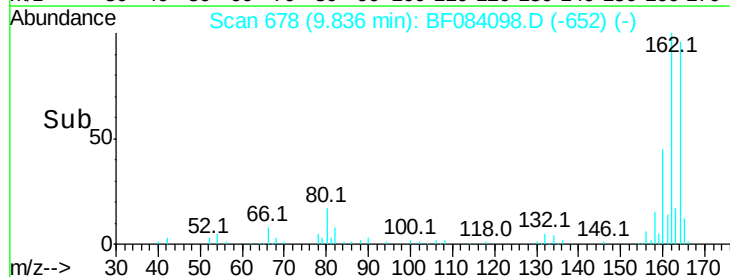
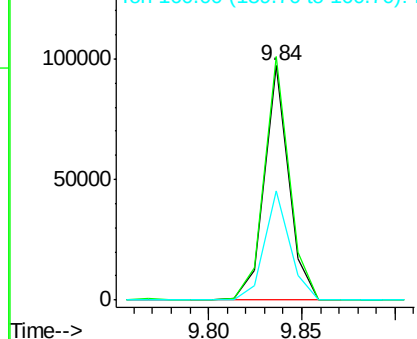
Lab File: BF084098.D

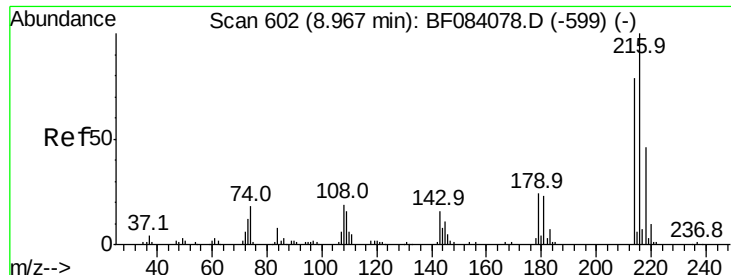
Acq: 25 Dec 2015 00:17

Tgt Ion:	164	Resp:	87348
Ion Ratio	Lower	Upper	
164	100		
162	103.8	85.1	127.7
160	46.5	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.79 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

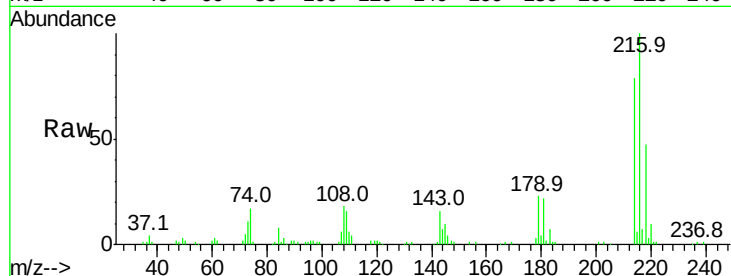
ClientSampleId :

PB87558BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	64.2	96.2
179	23.2	18.7	28.1
108	21.2	16.8	25.2

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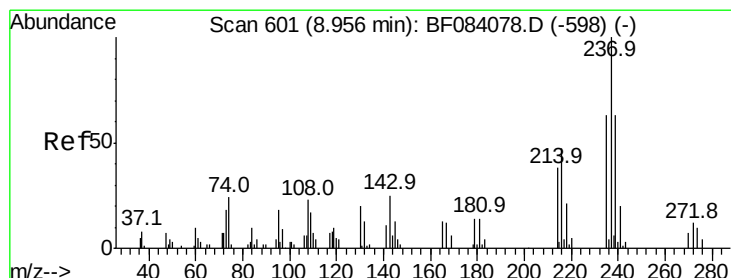
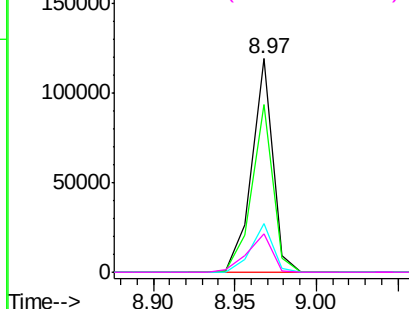
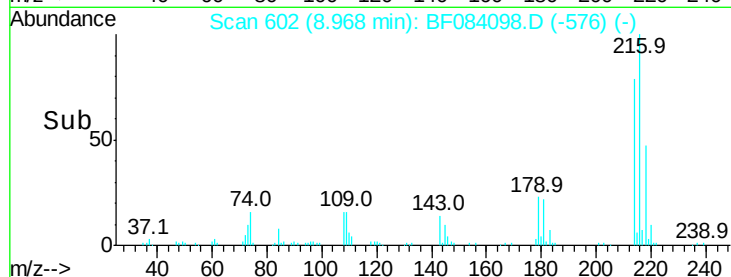


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.77 ng

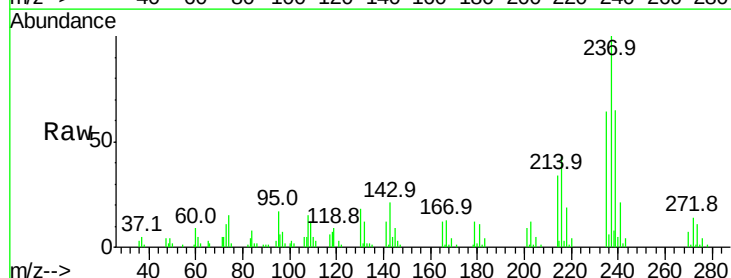
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

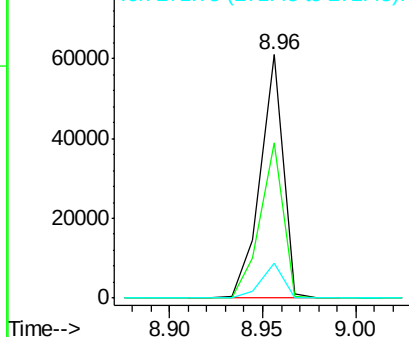
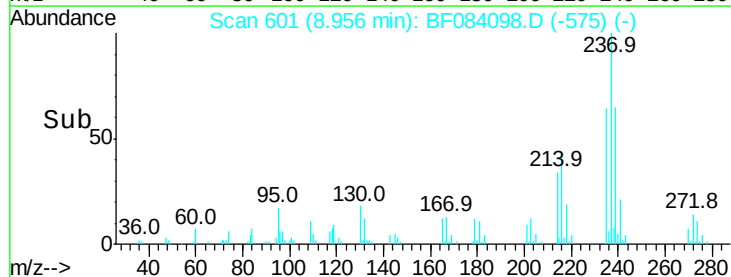
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	43.1	83.1
272	14.1	0.0	35.1

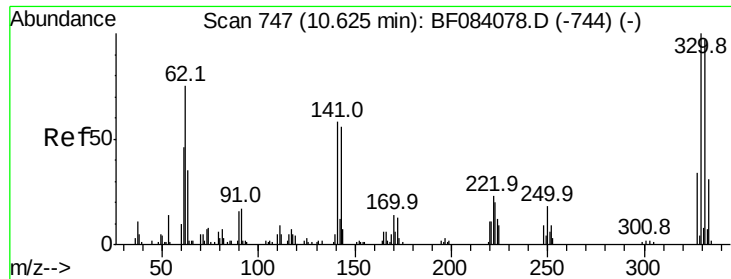


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





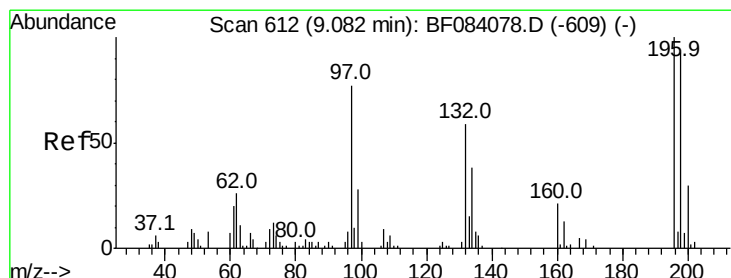
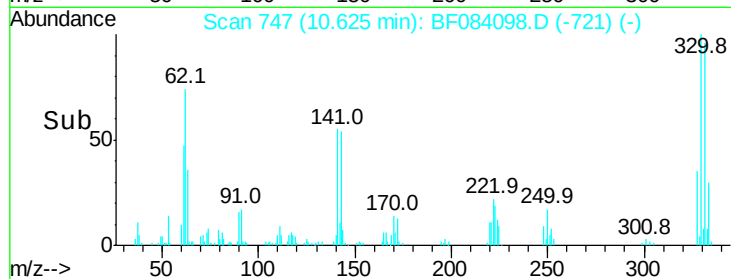
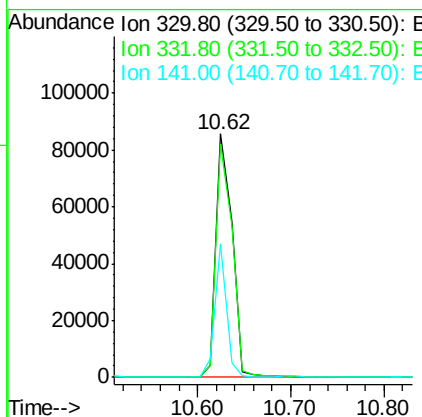
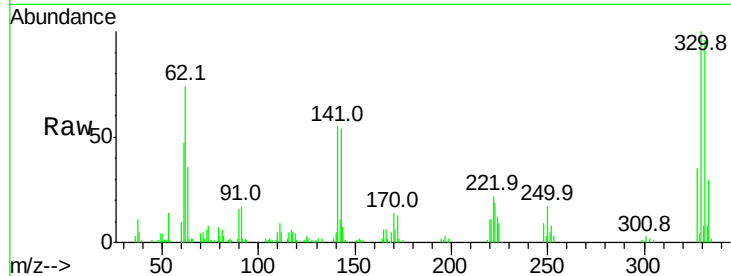
#41
 2,4,6-Tribromophenol
 Concen: 110.93 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	103328		
332	96.7		76.6	114.8
141	39.5		27.8	41.6

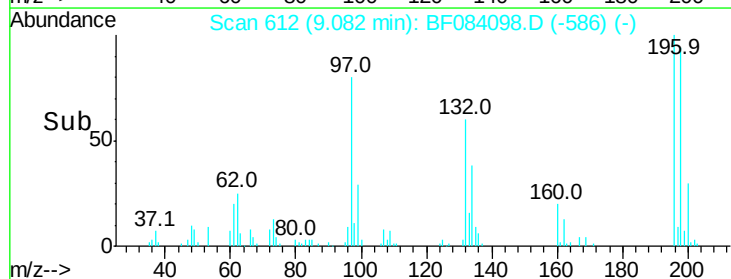
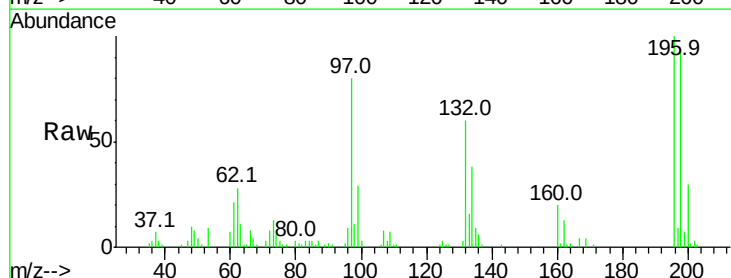
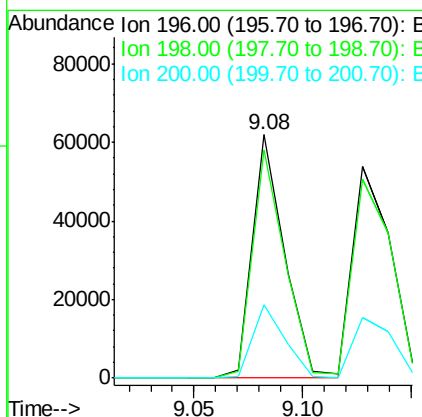
Manual Integrations
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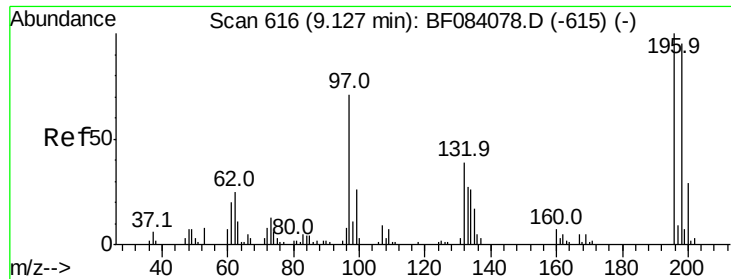
Sohil
 12/28/2015 1:10:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63836		
198	94.0		77.7	116.5
200	30.2		24.6	37.0





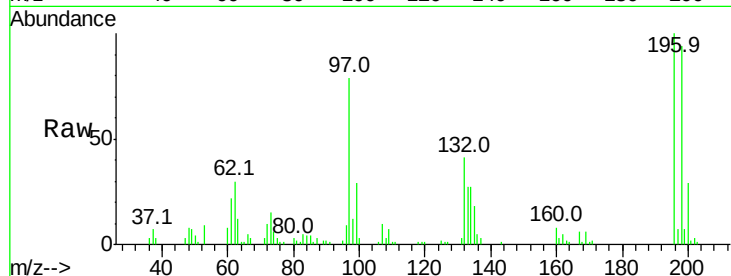
#43
 2,4,5-Trichlorophenol
 Concen: 37.65 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67667		
198	93.6	79.0	118.6	
97	79.1	33.0	49.6#	
132	40.8	21.1	31.7#	

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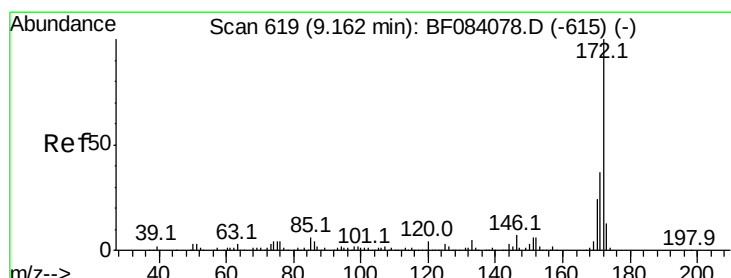
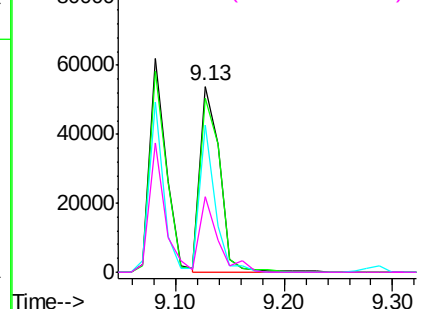
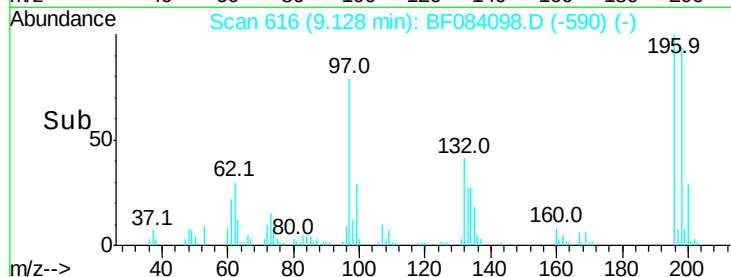
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

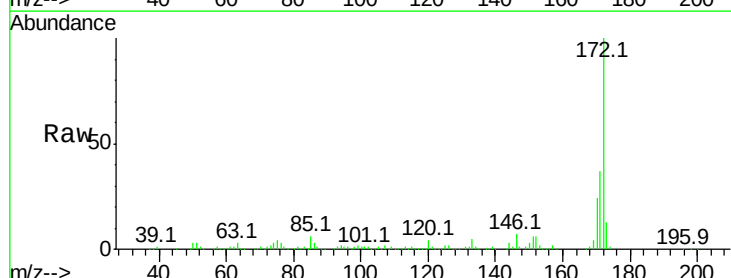
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.21 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	499255		
171	36.7	28.9	43.3	
170	23.8	18.6	27.8	

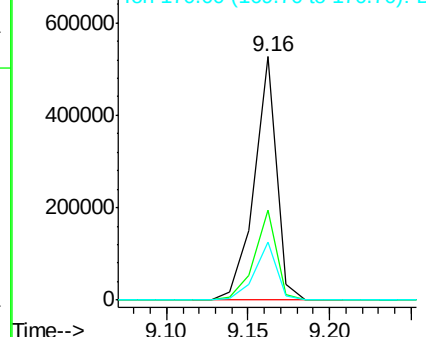
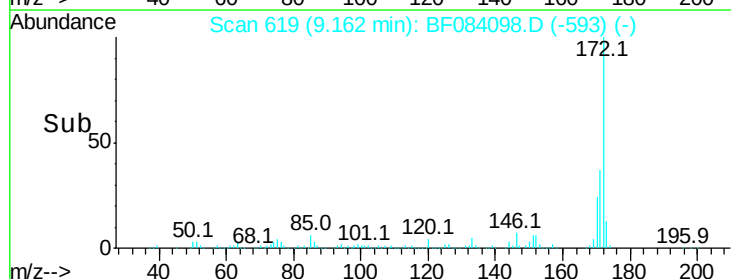


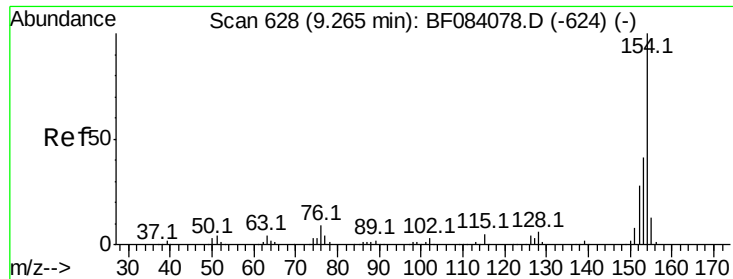
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





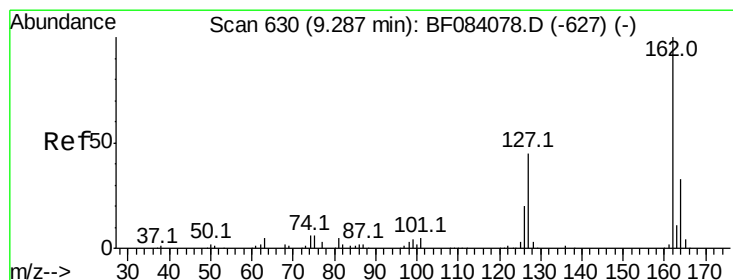
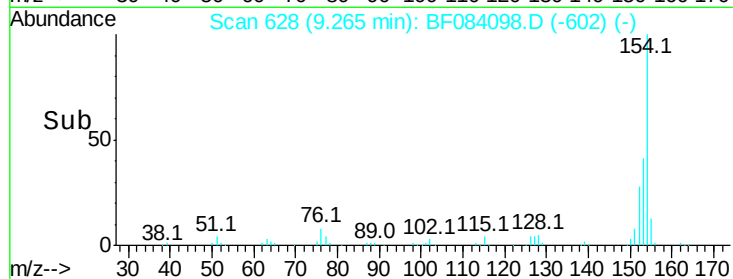
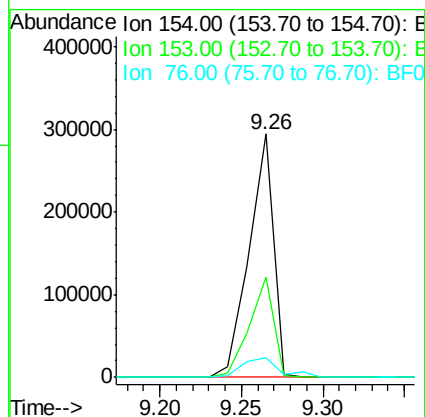
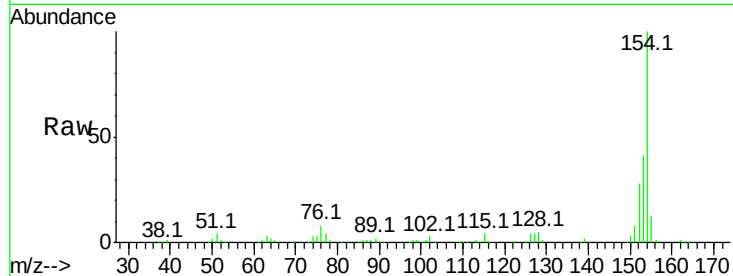
#45
1,1'-Biphenyl
Concen: 38.73 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.6	61.6	
76	7.8	0.0	32.7	

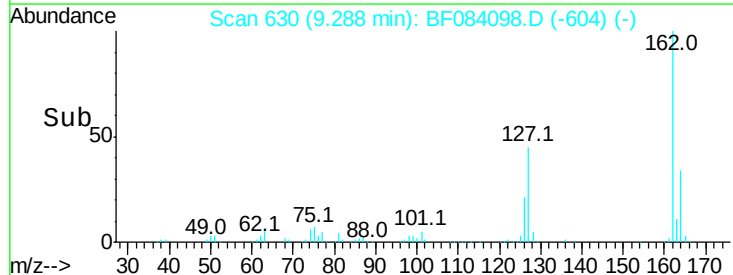
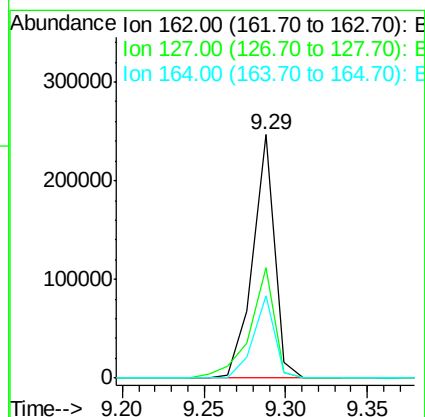
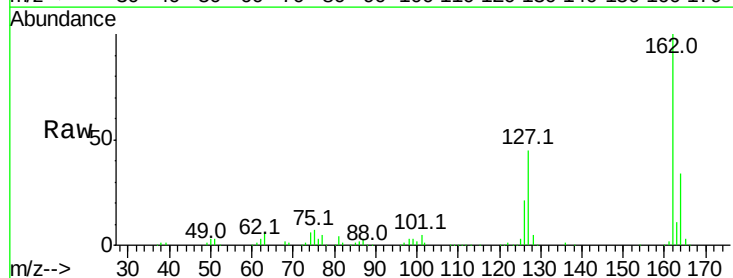
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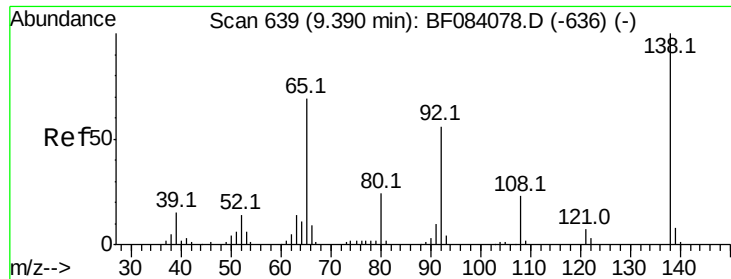
Sohil
12/28/2015 1:10:04 PM



#46
2-Chloronaphthalene
Concen: 38.26 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	45.2	40.2	60.4	
164	33.7	25.7	38.5	





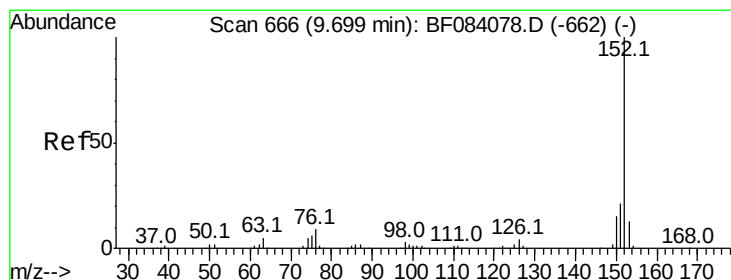
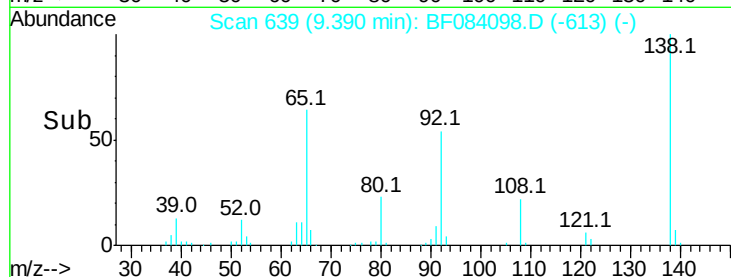
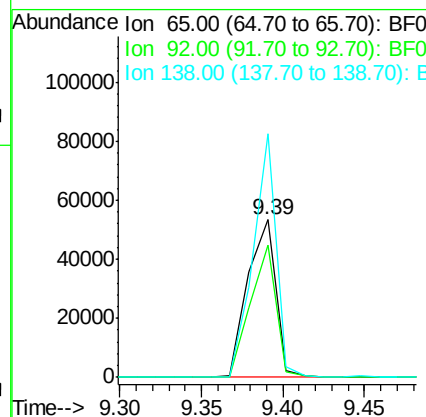
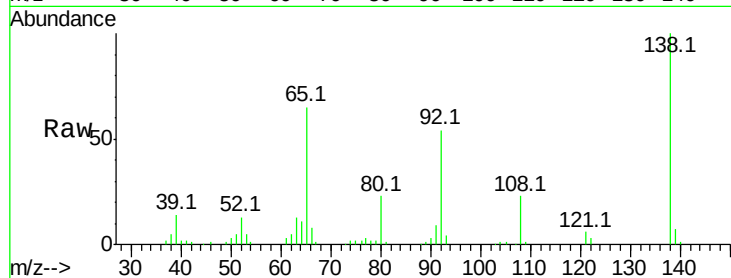
#47
2-Nitroaniline
Concen: 39.64 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	83.6	53.4	80.2#
138	154.5	71.1	106.7#

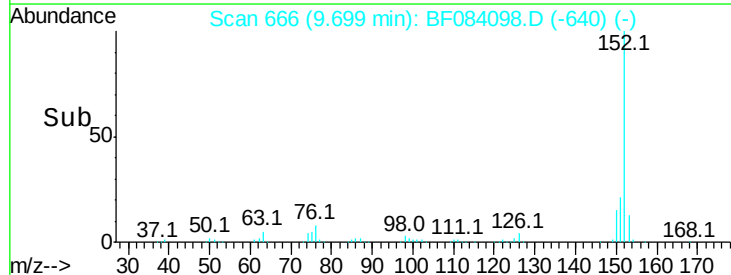
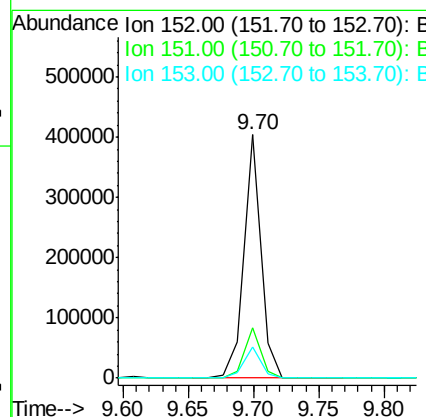
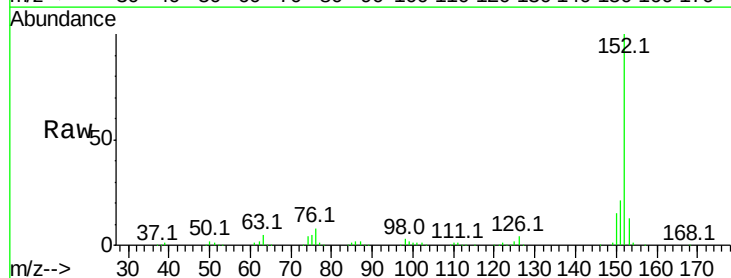
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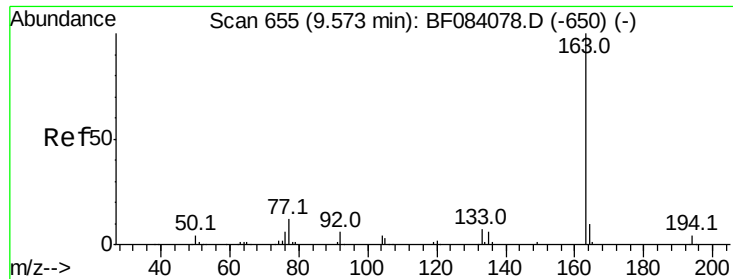
Sohil
12/28/2015 1:10:04 PM



#48
Acenaphthylene
Concen: 36.82 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.4	15.6





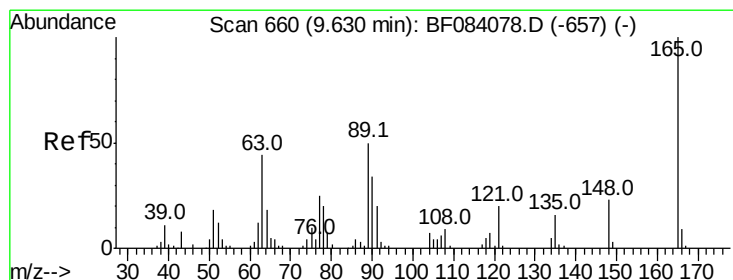
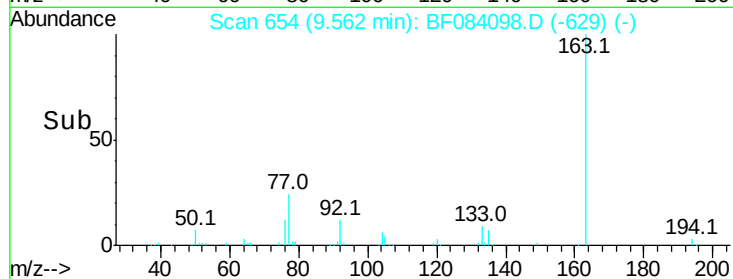
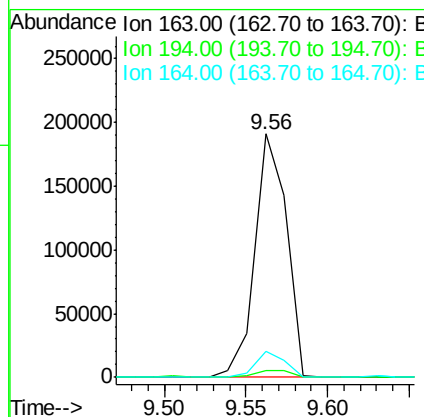
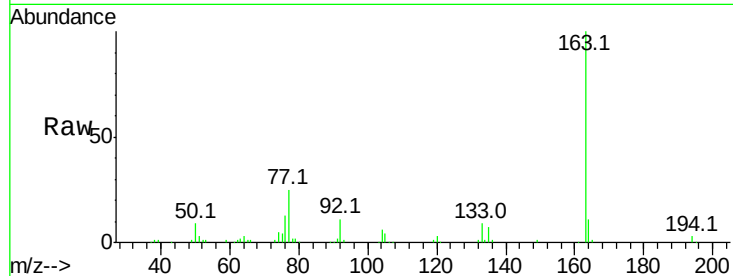
#49
Dimethylphthalate
Concen: 35.53 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampled :
PB87558BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.9	8.0	12.0

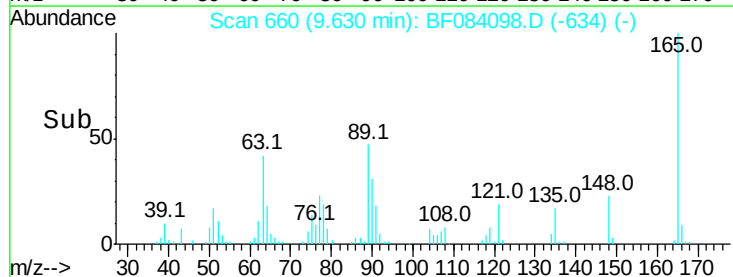
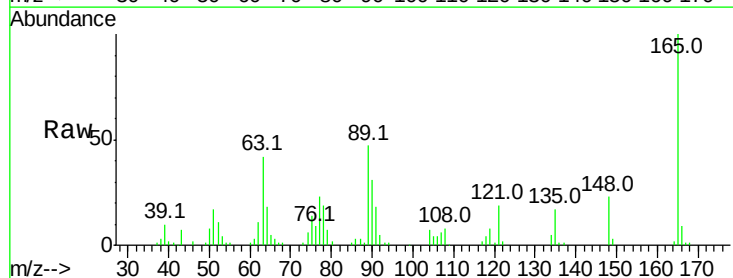
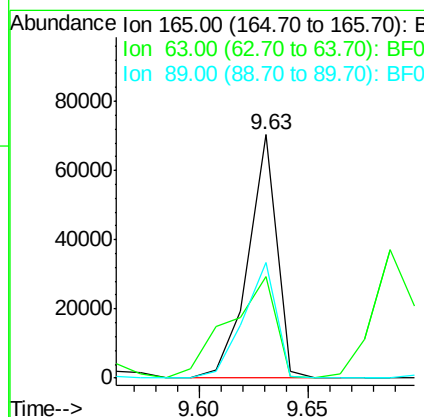
Manual Integrations
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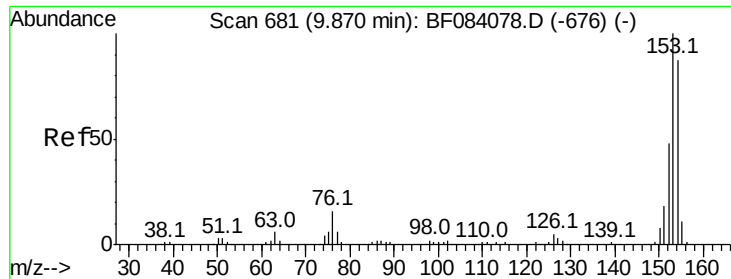
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.89 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	41.7	28.8	43.2
89	47.5	35.1	52.7





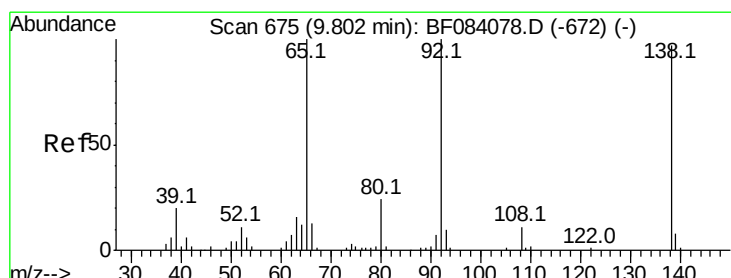
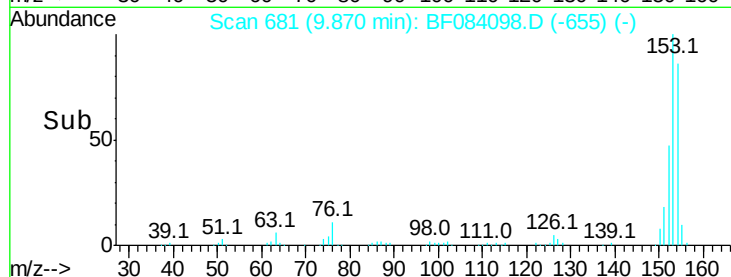
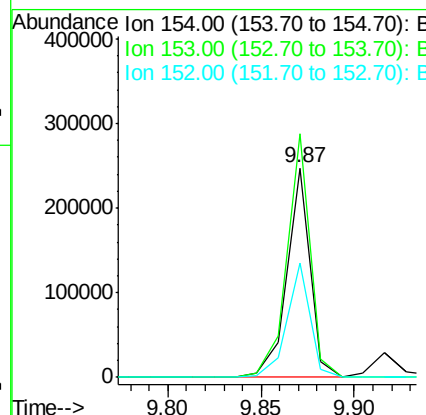
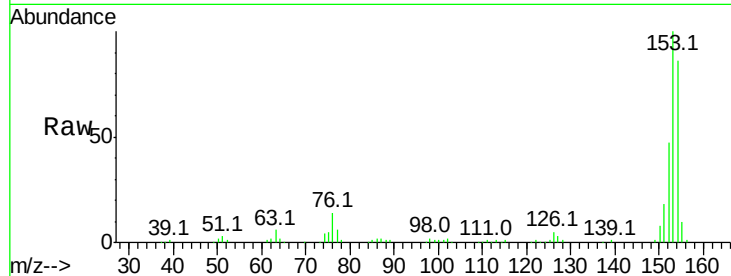
#51
Acenaphthene
Concen: 37.29 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.5	137.3
152	54.5	43.0	64.6

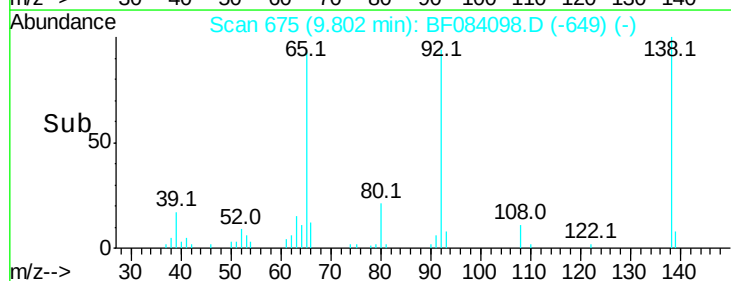
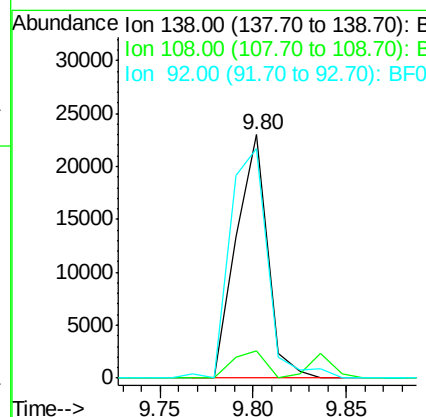
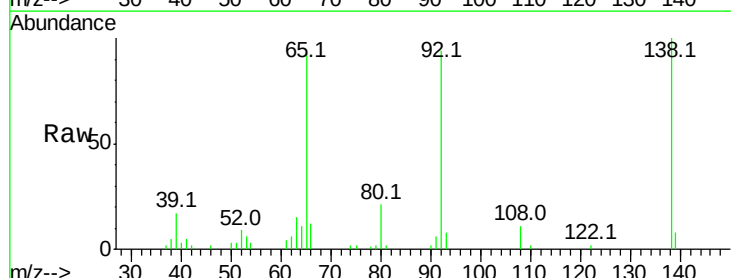
Manual Integrations
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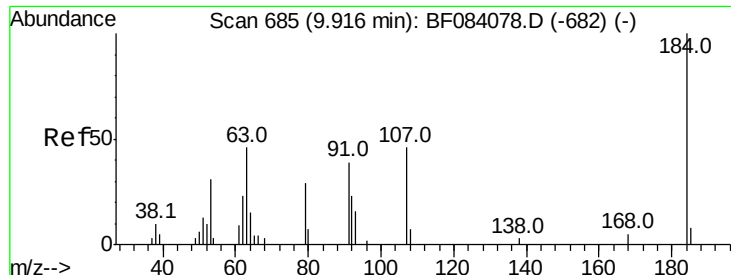
Sohil
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#52
3-Nitroaniline
Concen: 16.37 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	10.5	15.7
92	94.5	103.9	155.9#





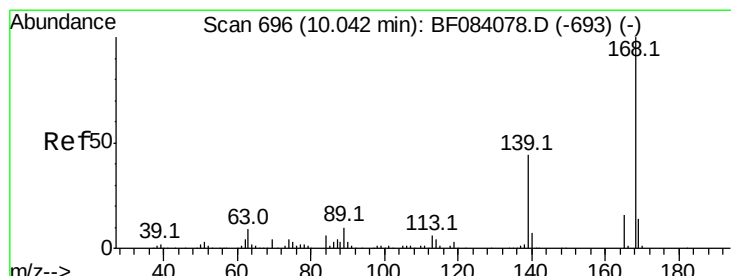
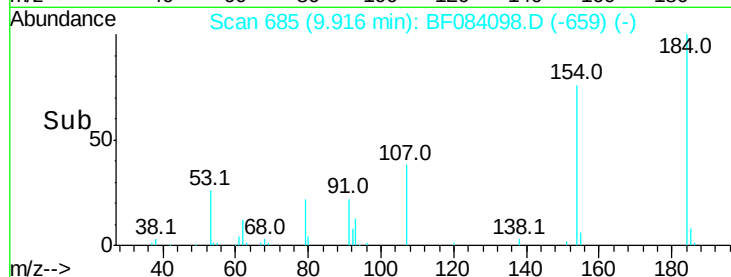
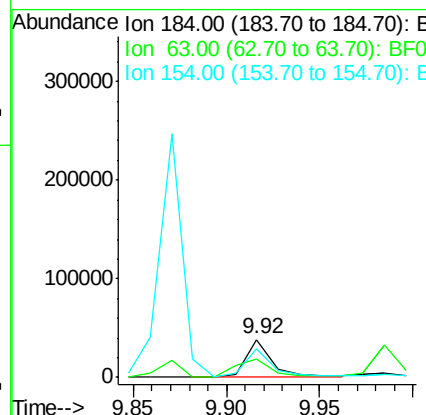
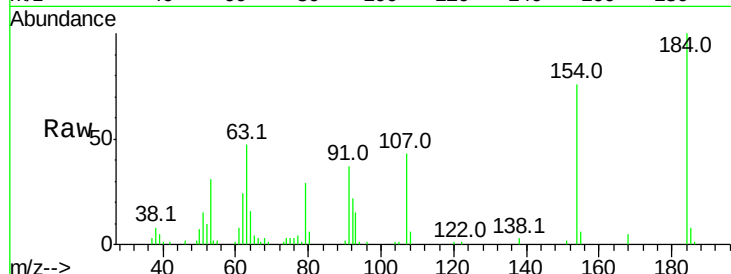
#53
2,4-Dinitrophenol
Concen: 70.45 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	47.3	43.1	64.7	
154	75.8	60.5	90.7	

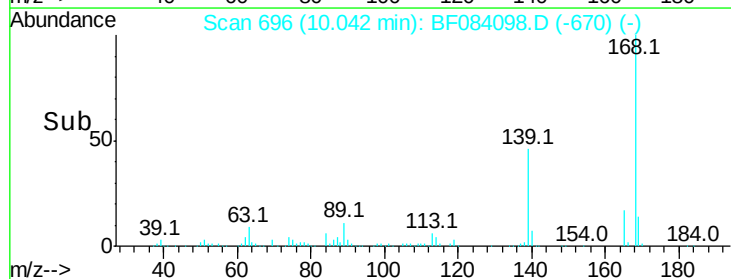
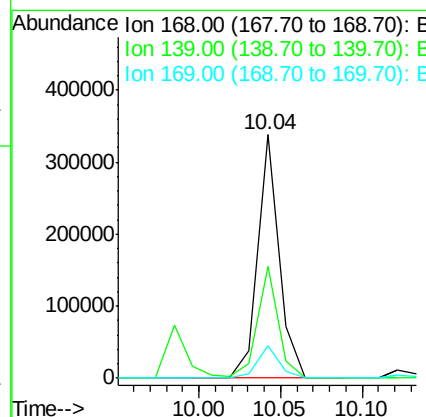
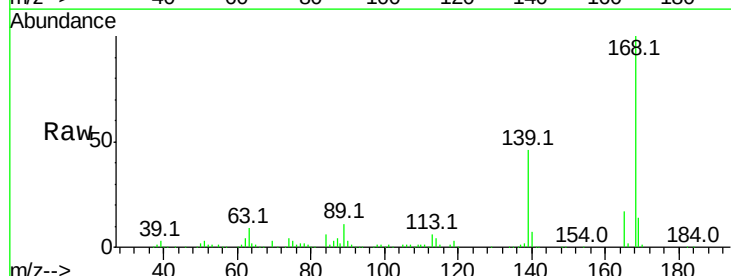
Manual Integrations
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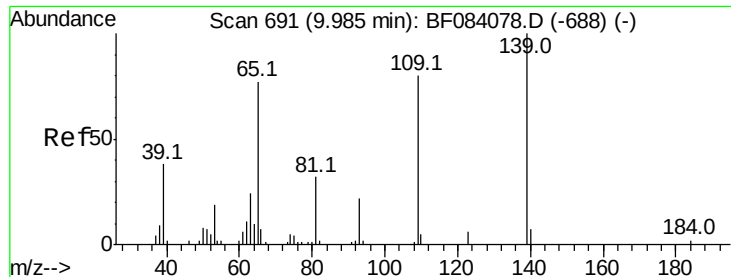
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#54
Dibenzofuran
Concen: 39.14 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.7	30.5	45.7	
169	13.6	10.4	15.6	





#55

4-Nitrophenol

Concen: 80.81 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

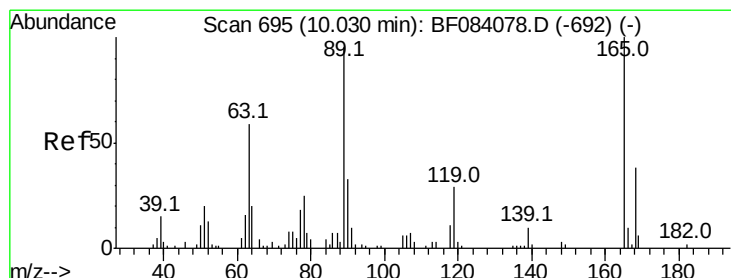
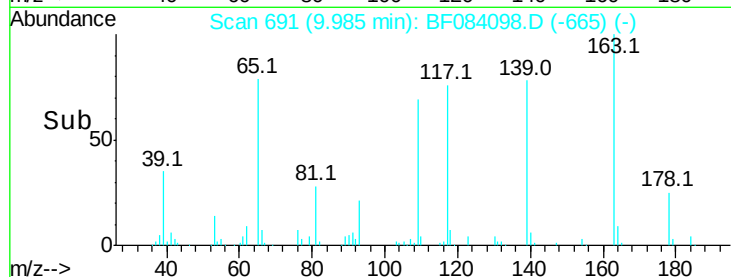
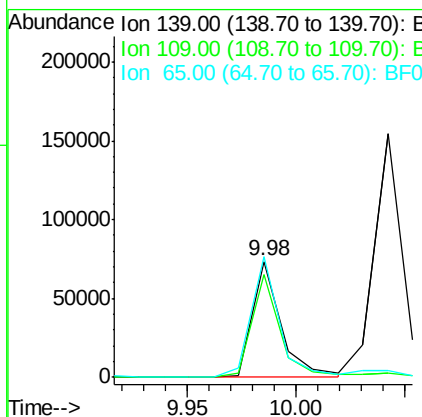
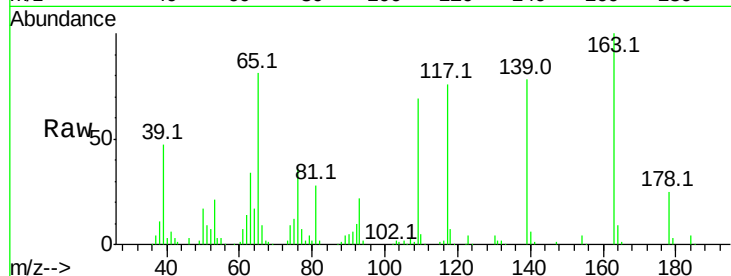
ClientSampleId :

PB87558BS

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Tot Ion:	139	Resp:	67974
Ion Ratio	Lower	Upper	
139	100		
109	89.0	58.5	98.5
65	104.0	57.6	97.6#



#56

2,4-Dinitrotoluene

Concen: 38.35 ng

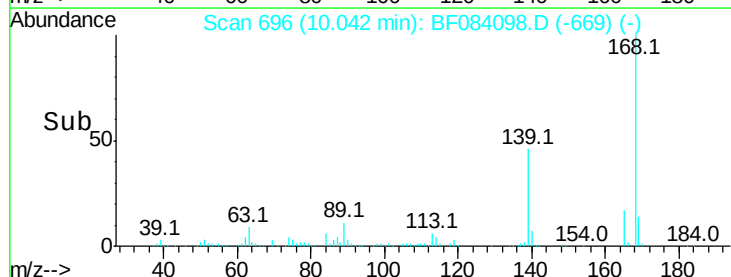
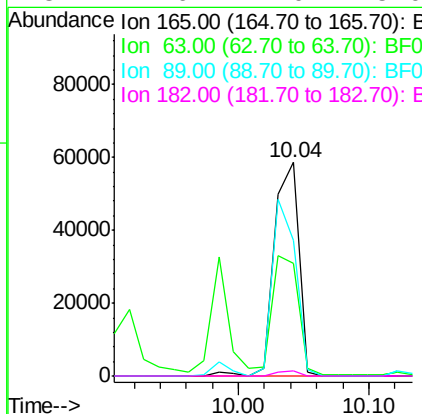
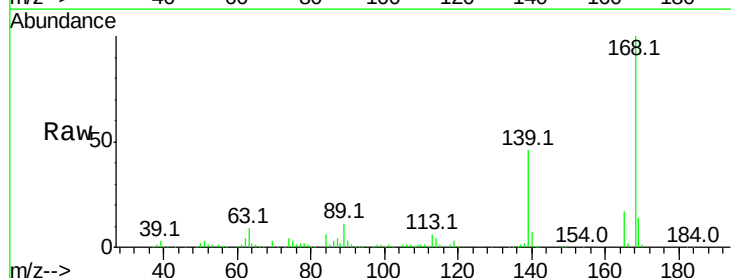
RT: 10.04 min Scan# 696

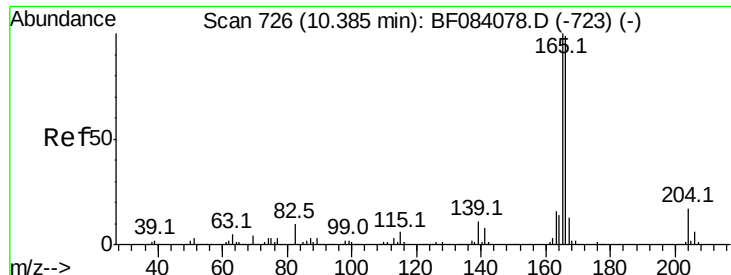
Delta R.T. 0.01 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	165	Resp:	77740
Ion Ratio	Lower	Upper	
165	100		
63	52.6	36.7	55.1
89	63.6	61.9	92.9
182	2.6	2.0	3.0





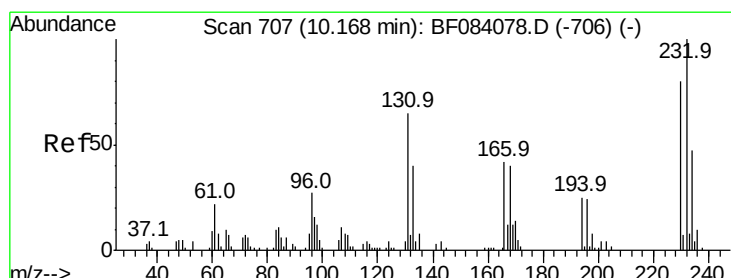
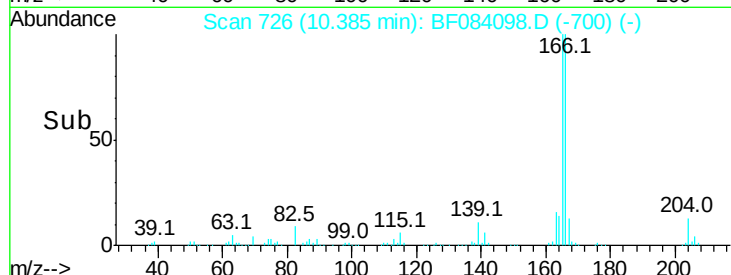
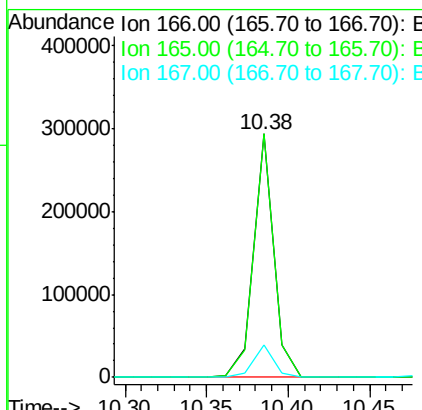
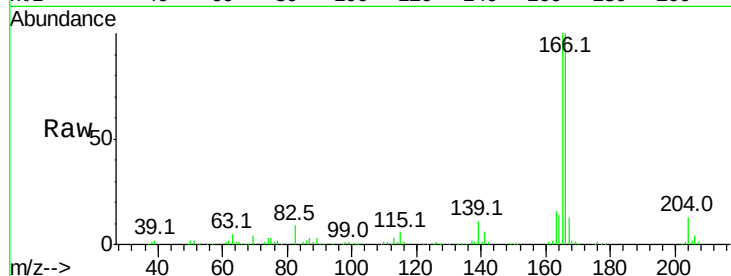
#57
Fluorene
Concen: 37.92 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	79.1	118.7	
167	13.3	10.4	15.6	

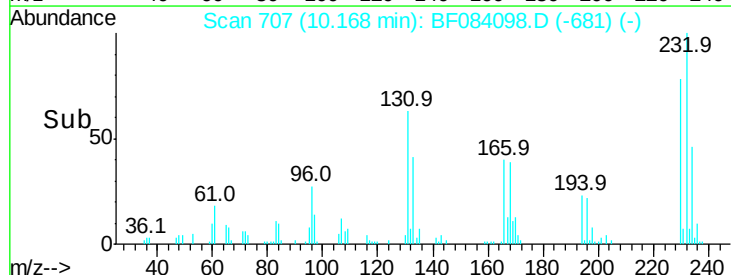
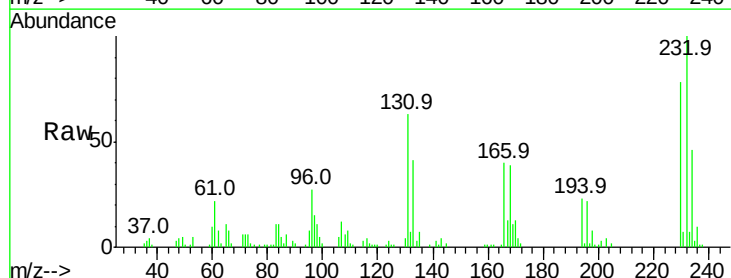
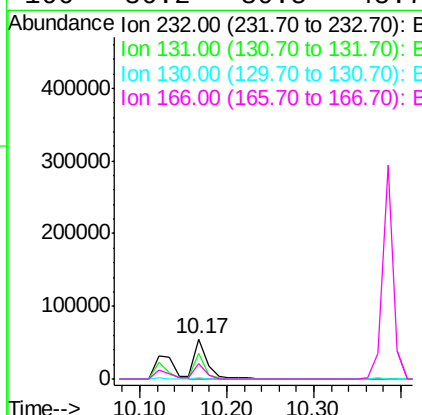
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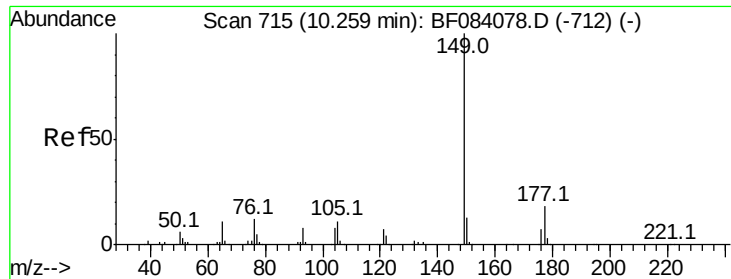
Sohil
12/28/2015 1:10:04 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.31 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	57.5	47.0	70.6	
130	3.1	2.0	3.0#	
166	36.2	30.5	45.7	





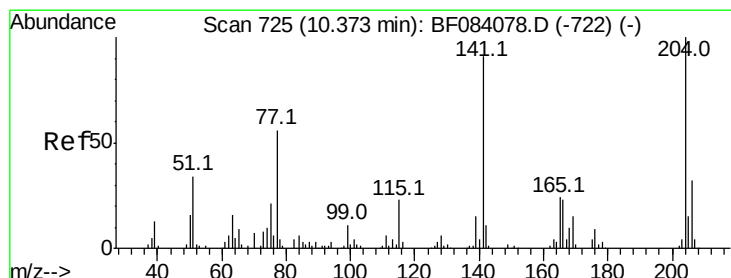
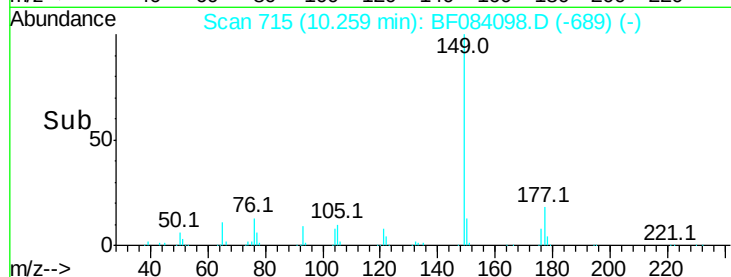
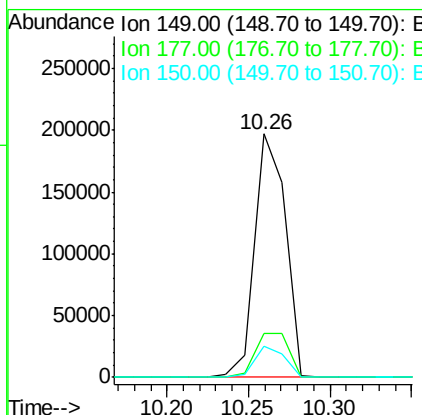
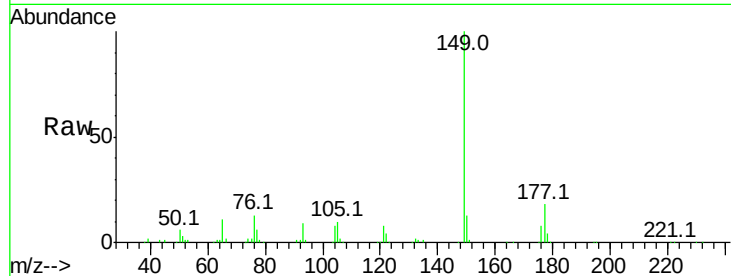
#59
Diethylphthalate
Concen: 35.10 ng
RT: 10.26 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	257909		
177	18.2	17.3	25.9	
150	12.6	9.8	14.8	

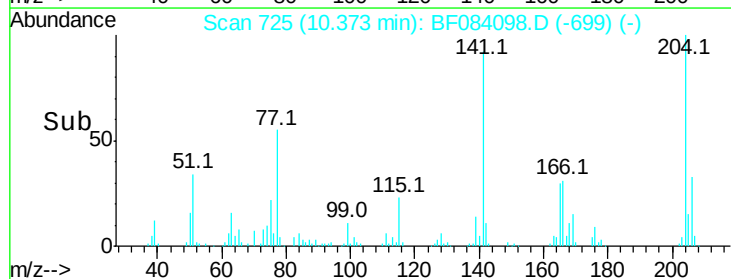
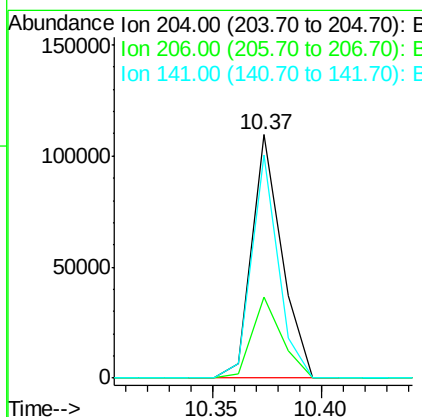
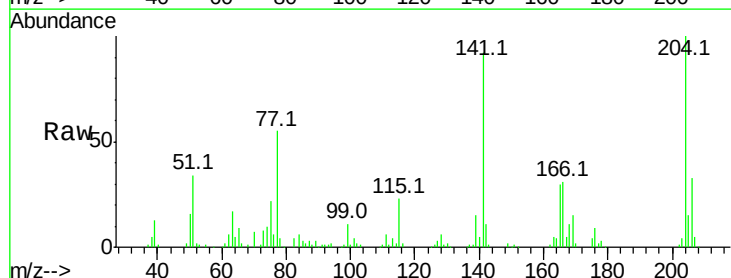
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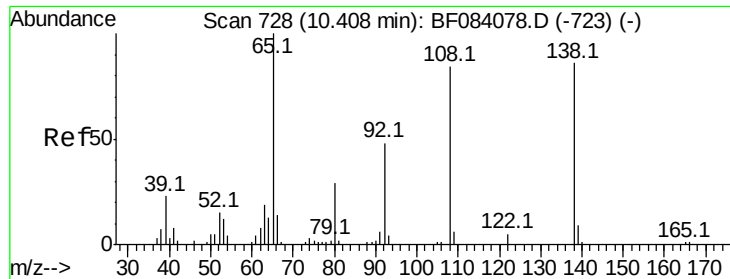
Sohil
12/28/2015 1:10:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.97 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	104940		
206	33.1	25.7	38.5	
141	91.7	55.1	82.7#	





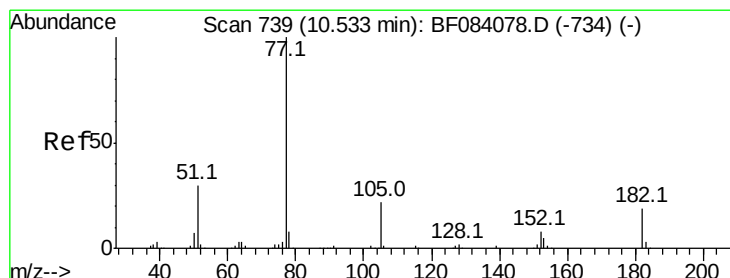
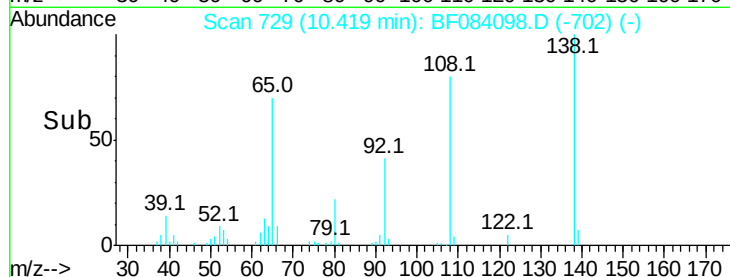
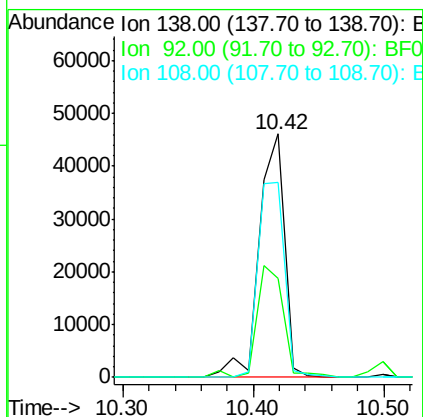
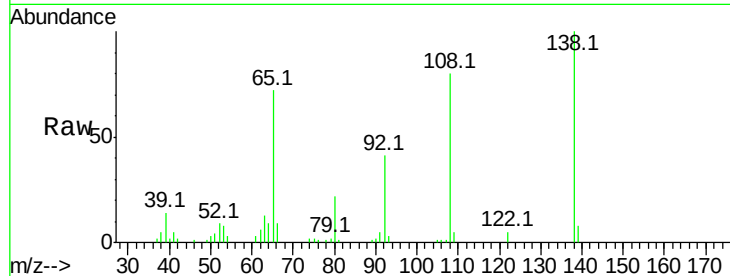
#61
4-Nitroaniline
Concen: 41.44 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.8	32.6	72.6
108	80.0	68.6	108.6

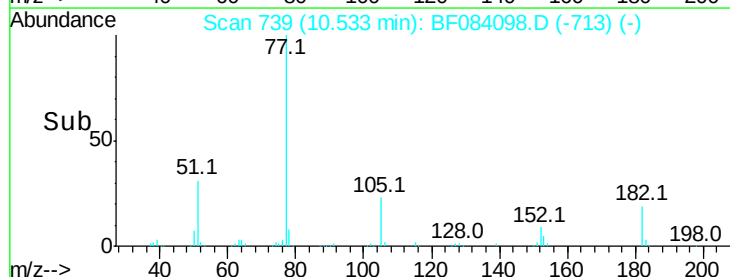
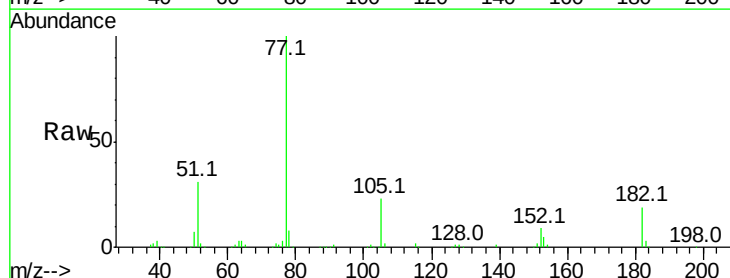
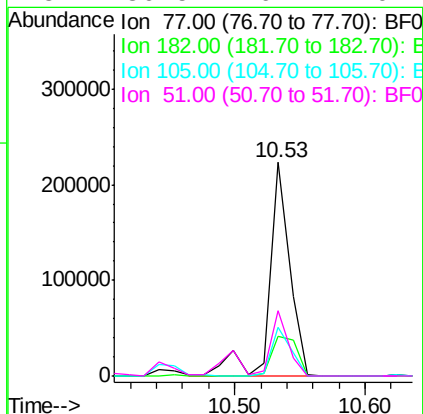
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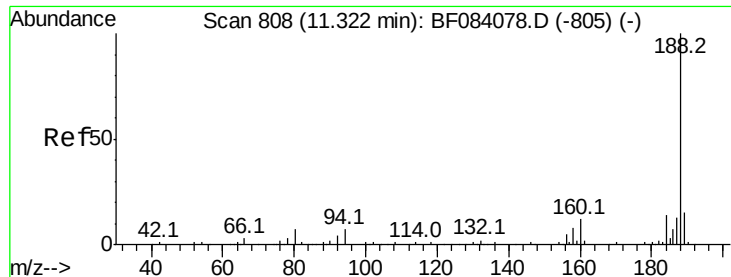
Sohil
12/28/2015 1:10:04 PM



#62
Azobenzene
Concen: 40.75 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	8.3	48.3
105	23.1	4.6	44.6
51	30.5	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: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

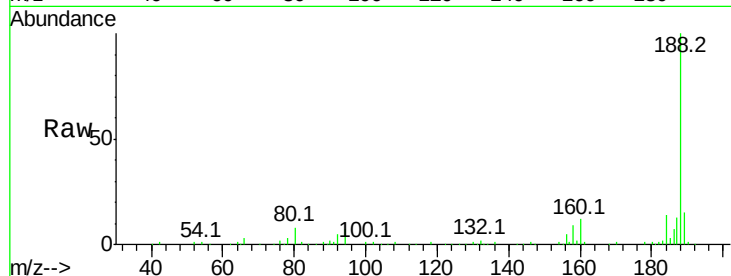
ClientSampleId :

PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	164769		
94	7.4	9.0	13.4#	
80	7.7	9.6	14.4#	

Manual Integrations
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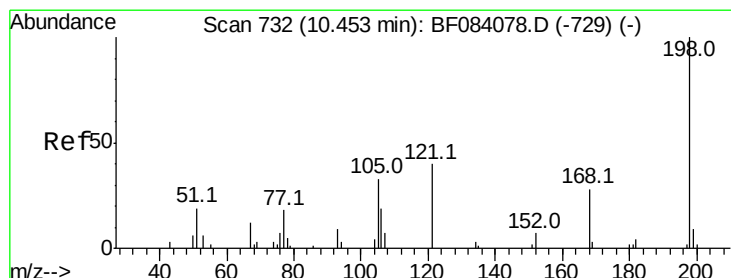
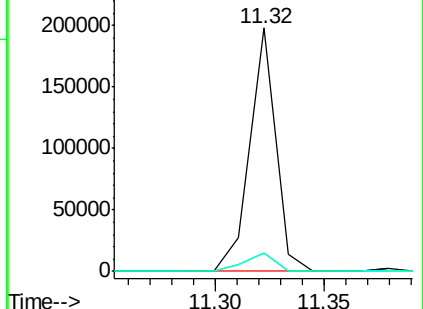
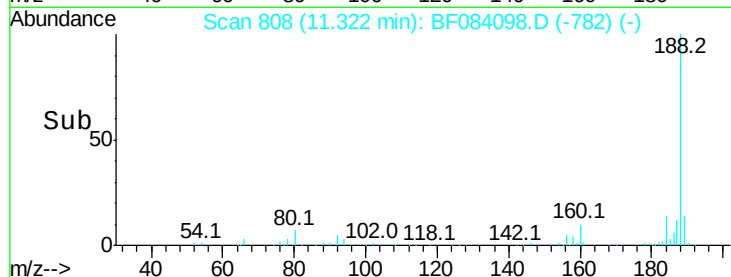
Sohil
12/28/2015 1:10:04 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.50 ng

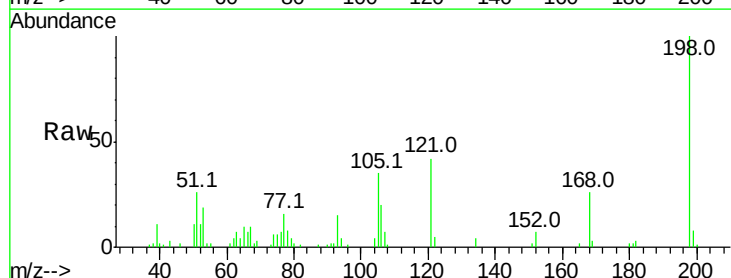
RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

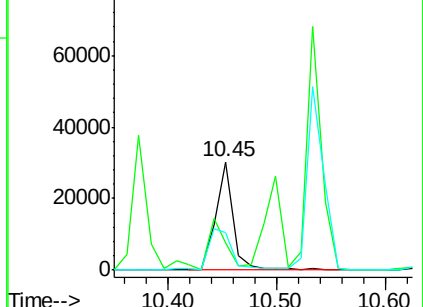
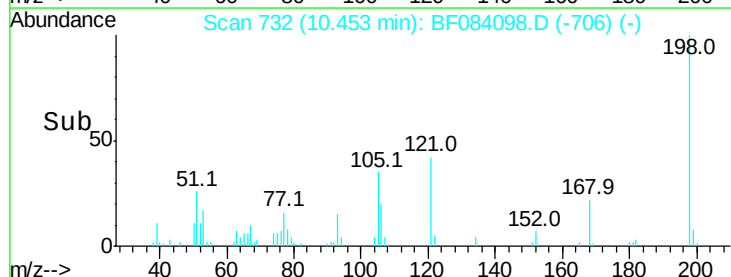
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34292		
51	25.7	18.9	58.9	
105	34.6	26.4	66.4	

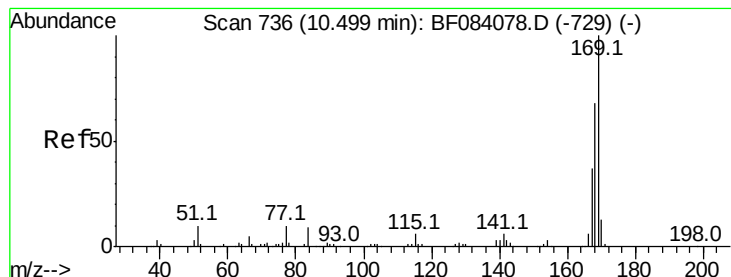


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





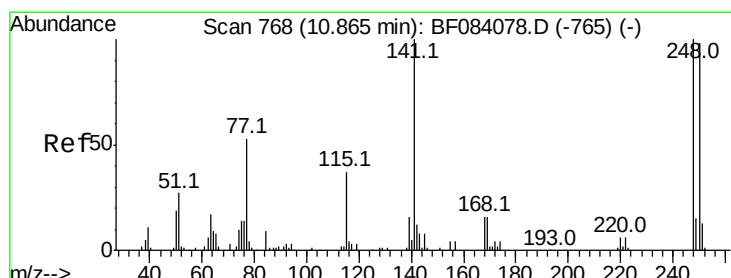
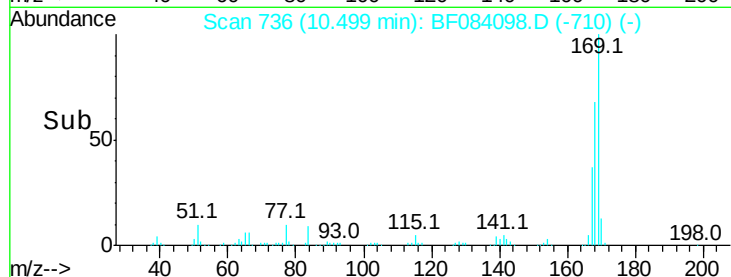
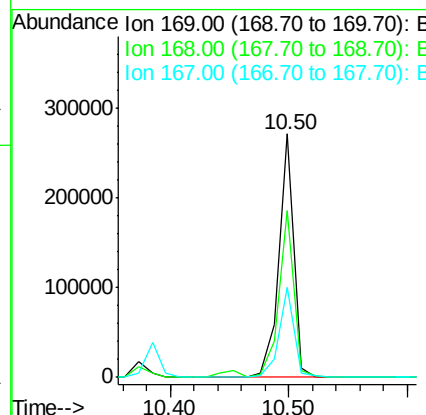
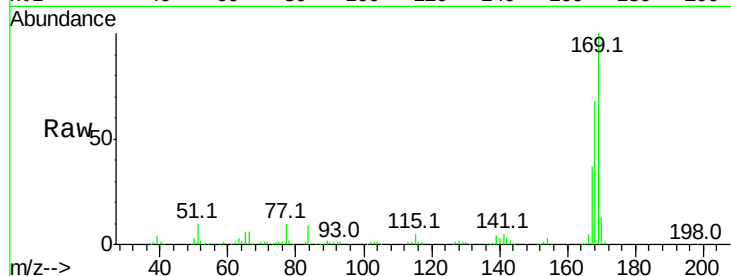
#65
n-Nitrosodiphenylamine
Concen: 40.35 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	237000		
168	68.4	55.1	82.7	
167	37.1	30.0	45.0	

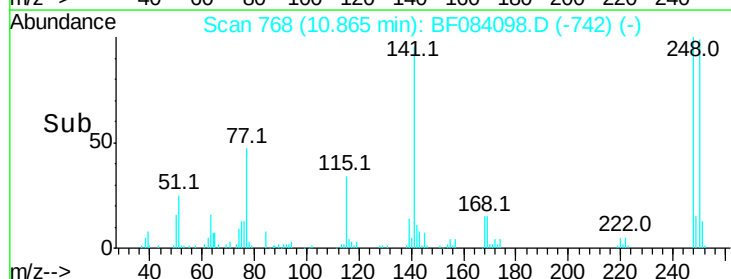
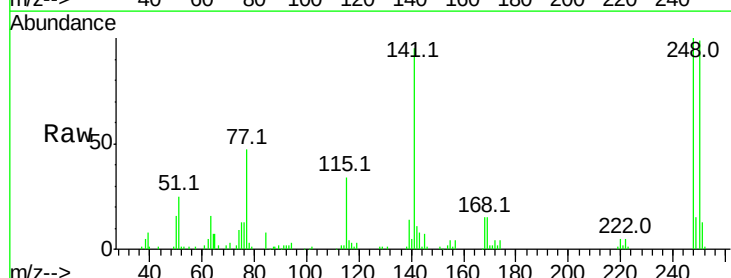
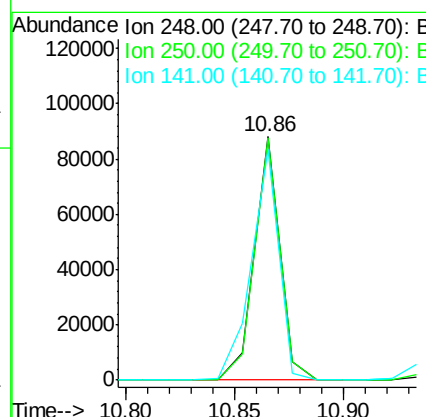
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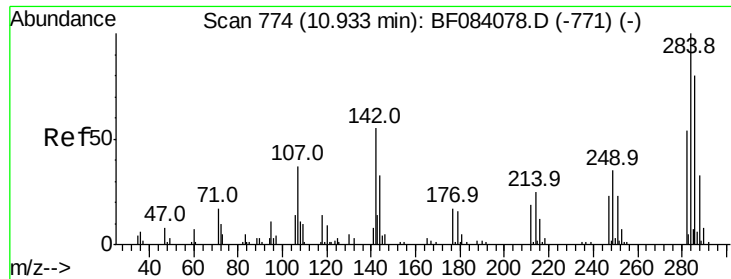
Sohil
12/28/2015 1:10:04 PM



#66
4-Bromophenyl-phenylether
Concen: 37.53 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71642		
250	99.3	78.4	117.6	
141	94.5	44.0	66.0	





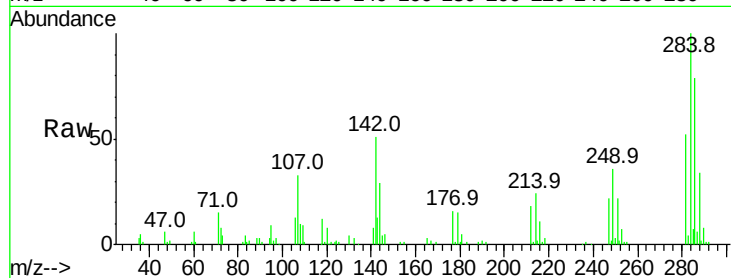
#67
Hexachlorobenzene
Concen: 35.87 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

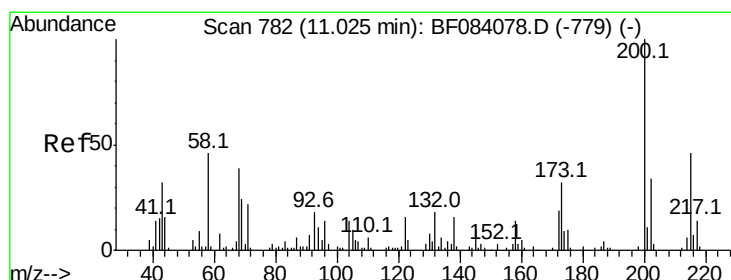
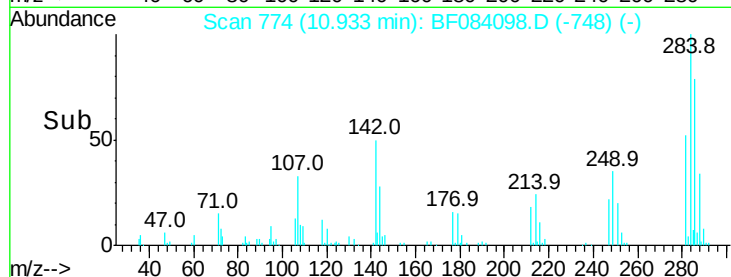
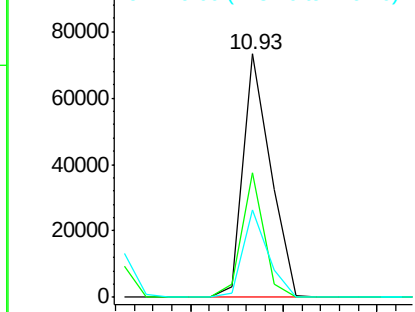
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	51.3	22.2	33.4	
249	36.1	24.6	37.0	

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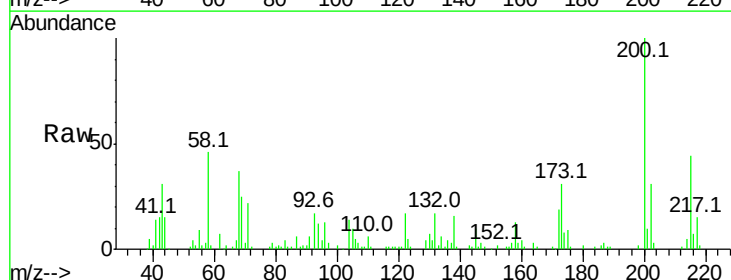


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

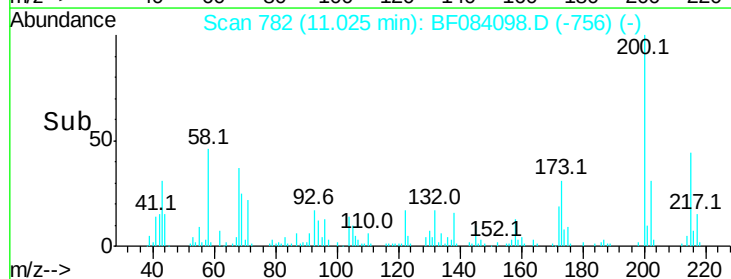
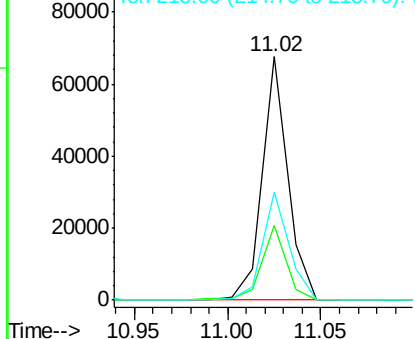


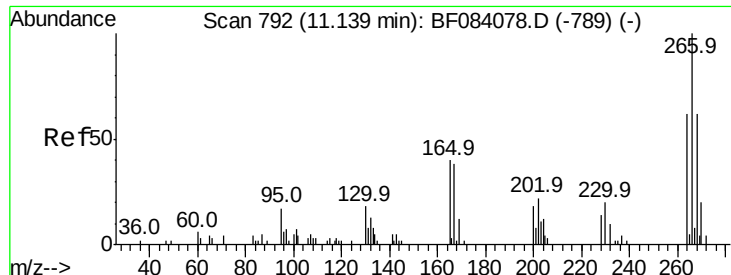
#68
Atrazine
Concen: 35.85 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.6	9.5	49.5	
215	44.2	23.8	63.8	



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





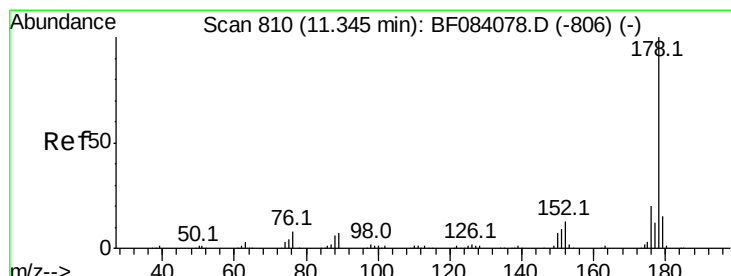
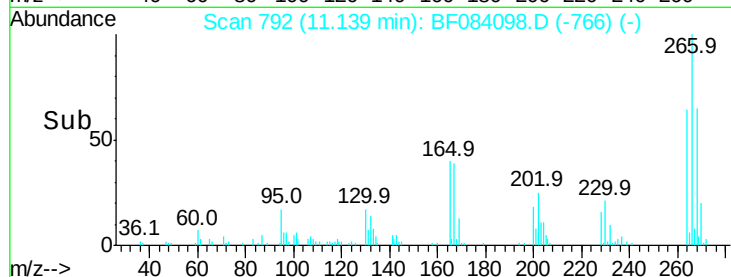
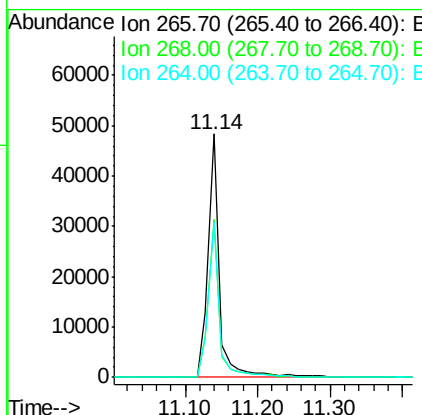
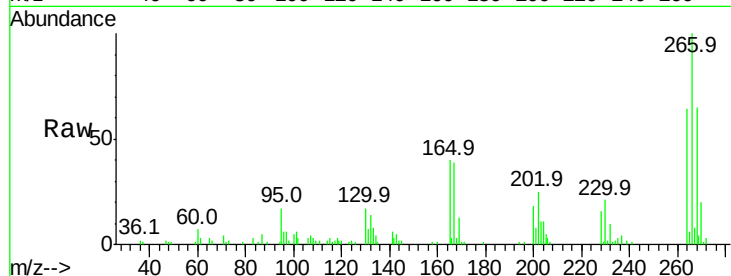
#69
 Pentachlorophenol
 Concen: 77.89 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.4	78.6
264	63.8	50.2	75.2

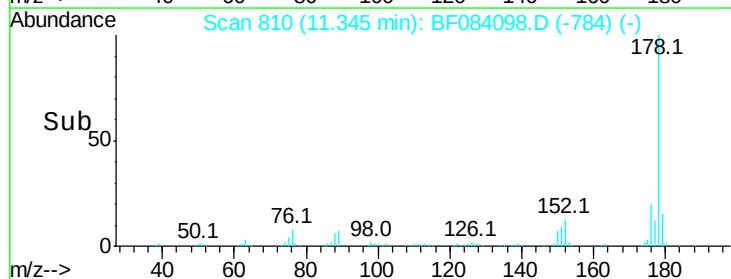
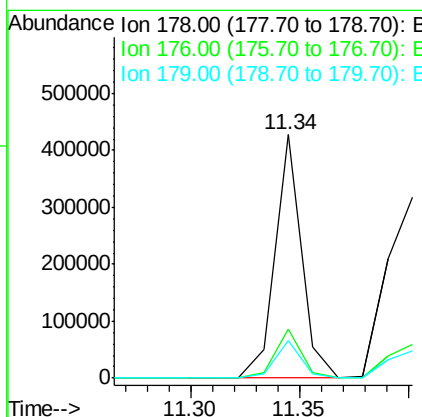
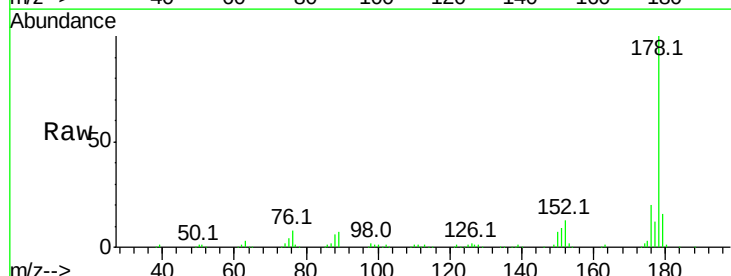
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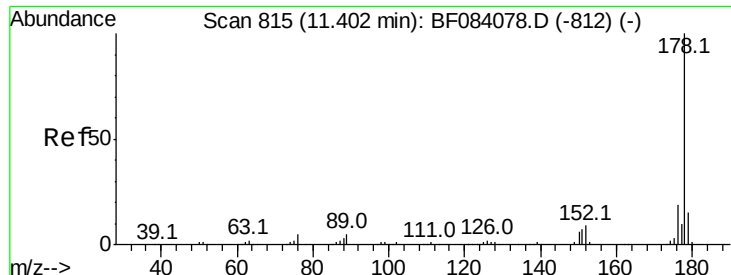
Sohil
 12/28/2015 1:10:04 PM



#70
 Phenanthrene
 Concen: 37.67 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.5	12.0	18.0





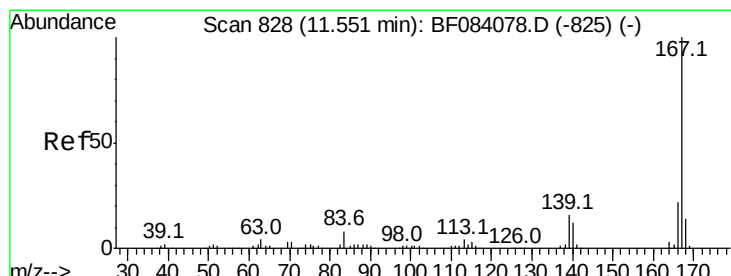
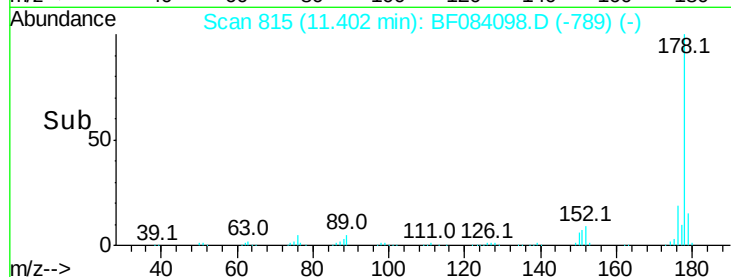
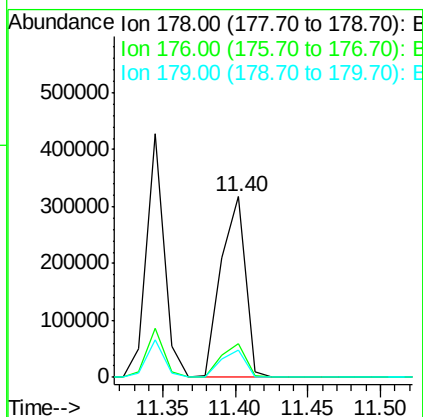
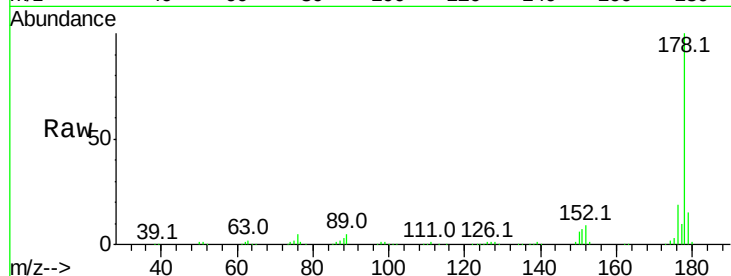
#71
 Anthracene
 Concen: 36.35 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.1	12.5	18.7

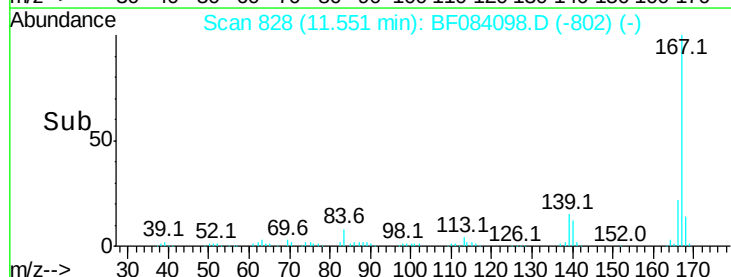
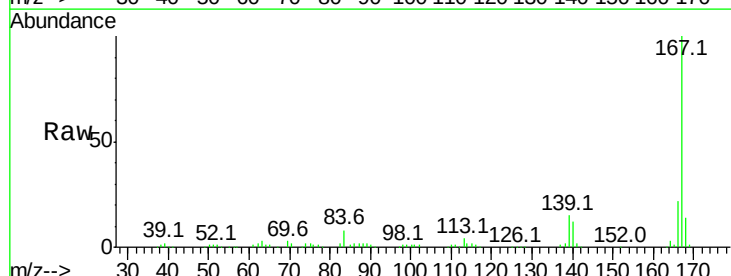
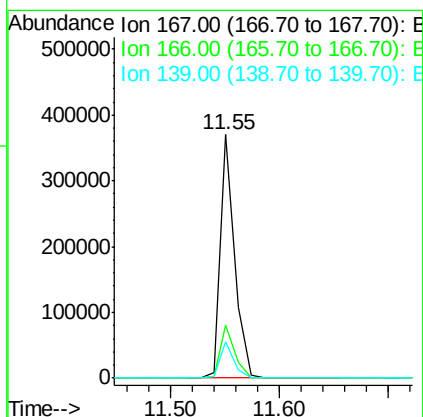
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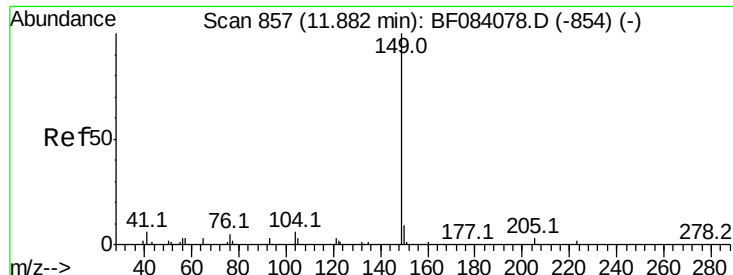
Sohil
 12/28/2015 1:10:04 PM



#72
 Carbazole
 Concen: 39.02 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	15.1	11.8	17.8





#73

Di-n-butylphthalate

Concen: 36.84 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

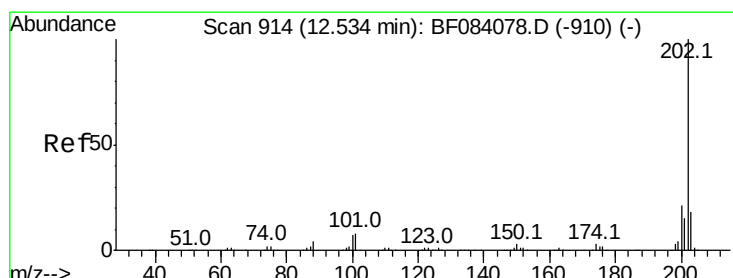
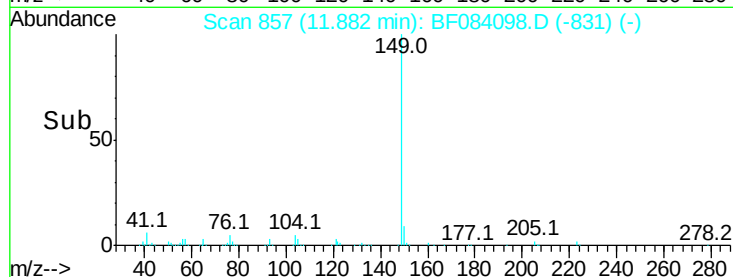
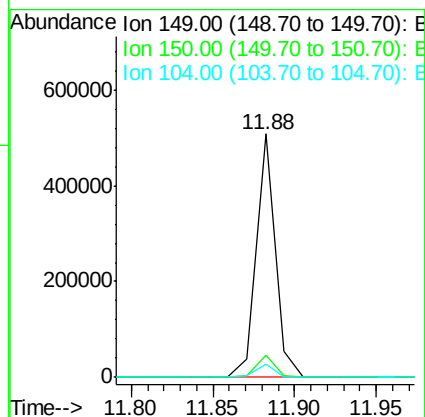
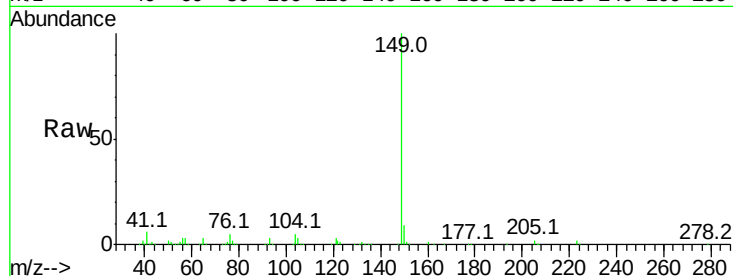
ClientSampleId :

PB87558BS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.1	10.7	
104	5.2	3.2	4.8	



#74

Fluoranthene

Concen: 37.81 ng

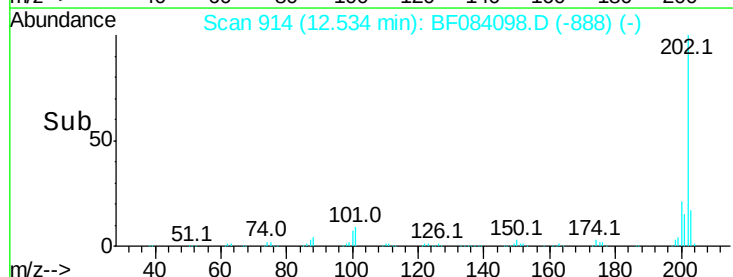
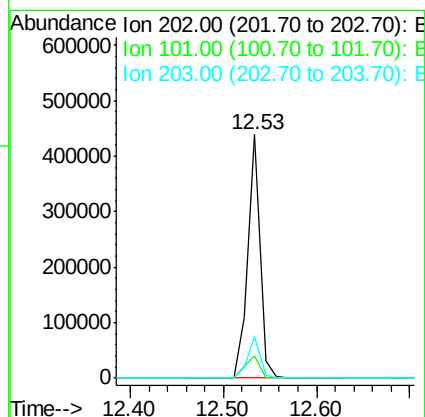
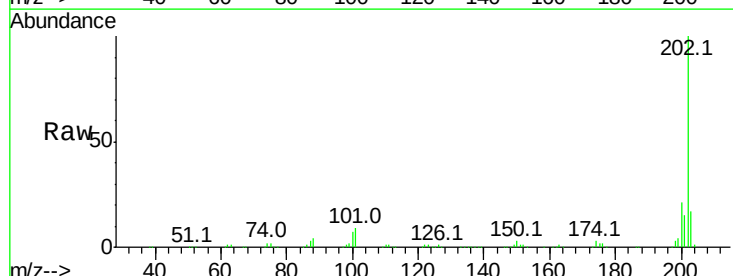
RT: 12.53 min Scan# 914

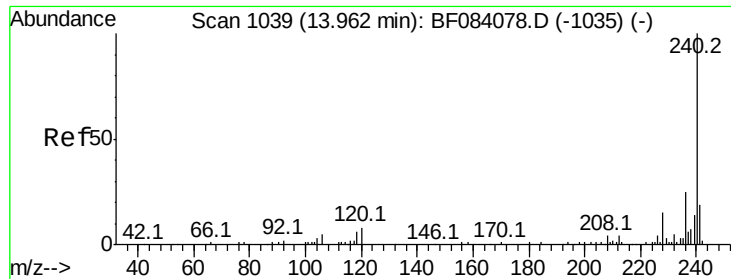
Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.9	0.0	32.8	
203	17.2	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: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

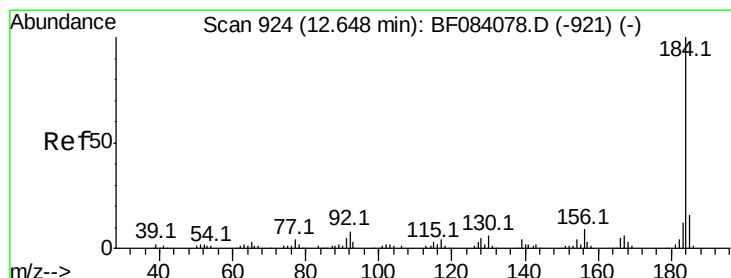
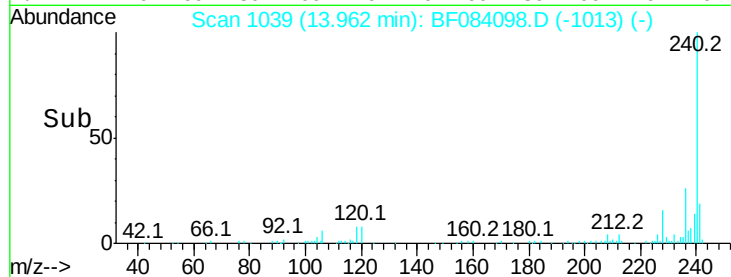
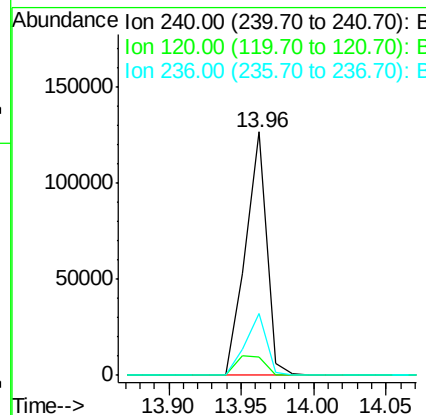
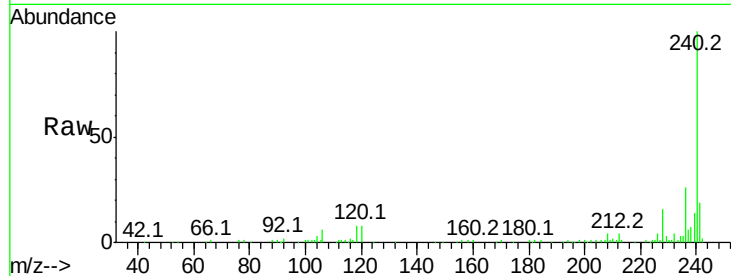
ClientSampleId :

PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.7	9.5	14.3	
236	25.6	20.6	31.0	

Manual Integrations
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Sohil
12/28/2015 1:10:04 PM



#76

Benzidine

Concen: 27.75 ng

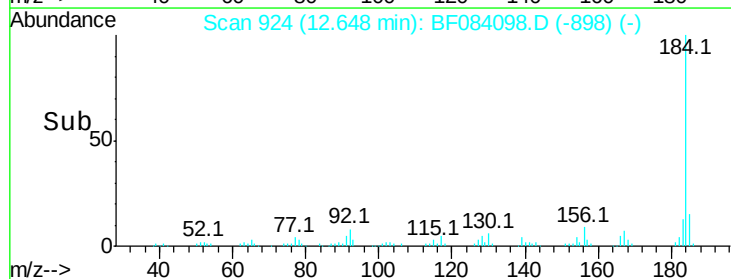
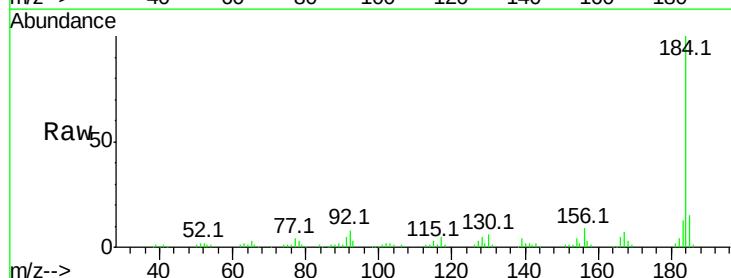
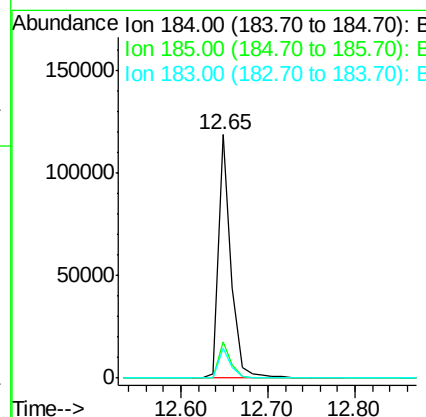
RT: 12.65 min Scan# 924

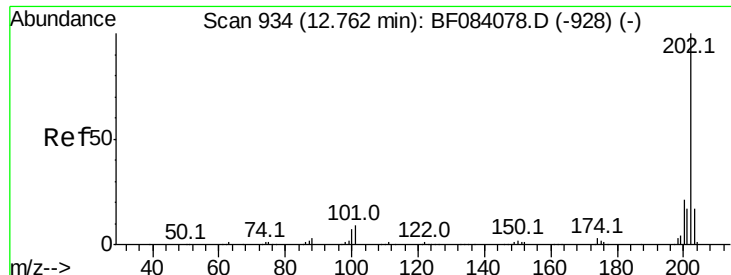
Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.1	12.2	18.2	
183	12.5	9.8	14.8	





#77

Pvrene

Concen: 38.12 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

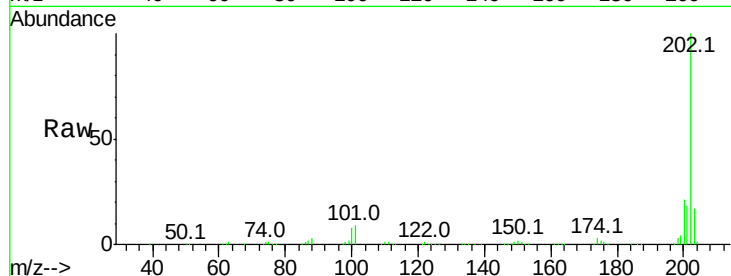
ClientSampleId :

PB87558BS

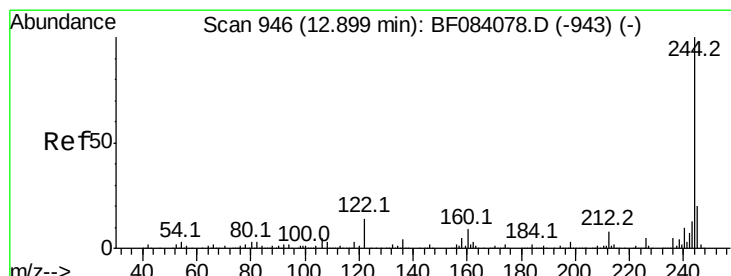
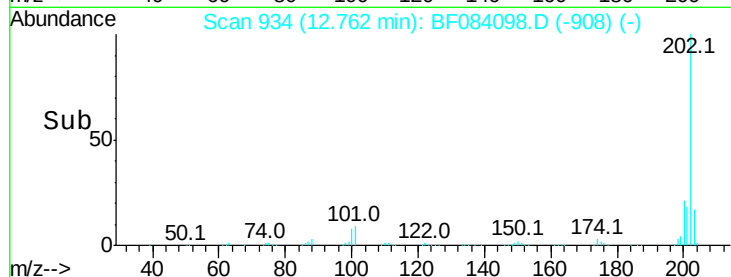
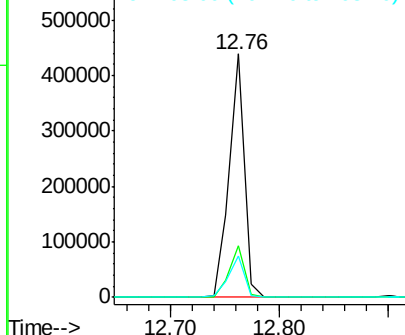
Tot Ion:	202	Resp:	422844
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	17.0	14.3	21.5

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



#78

Terphenyl-d14

Concen: 62.67 ng

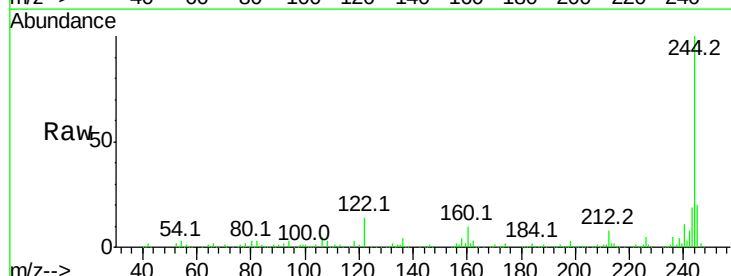
RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

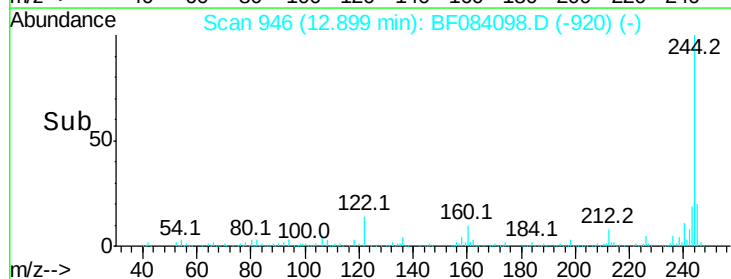
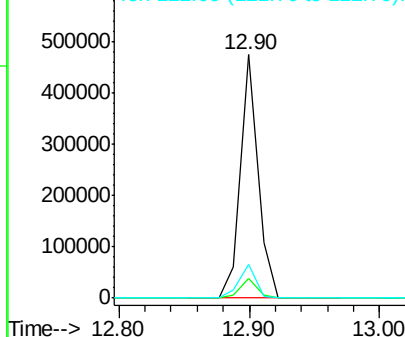
Lab File: BF084098.D

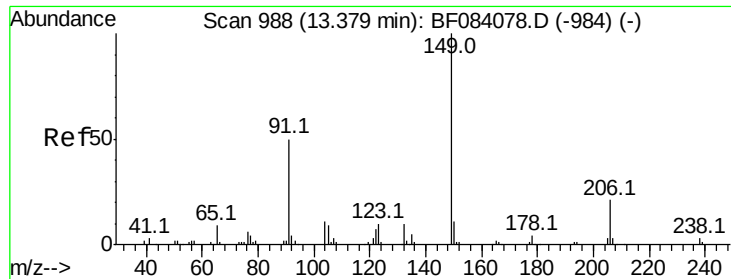
Acq: 25 Dec 2015 00:17

Tgt Ion:	244	Resp:	445284
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.7	8.5
122	13.8	7.4	11.0#



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





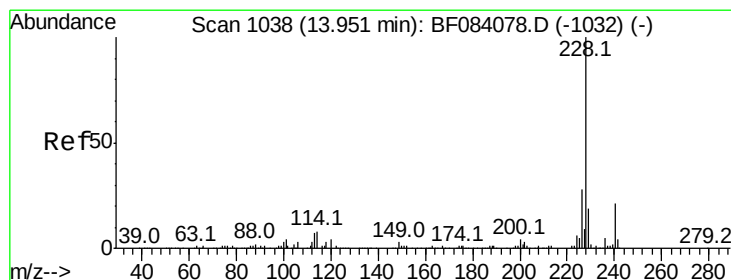
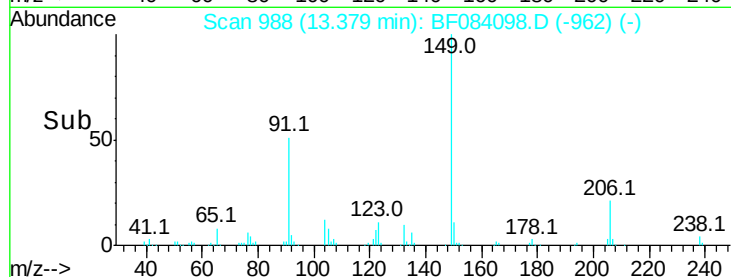
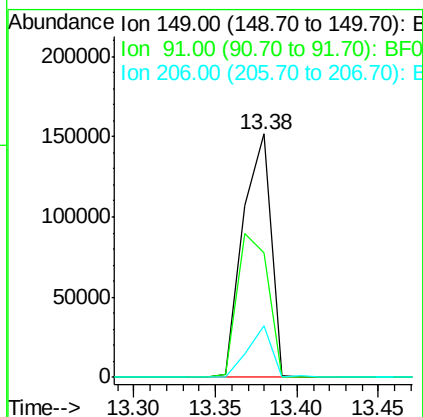
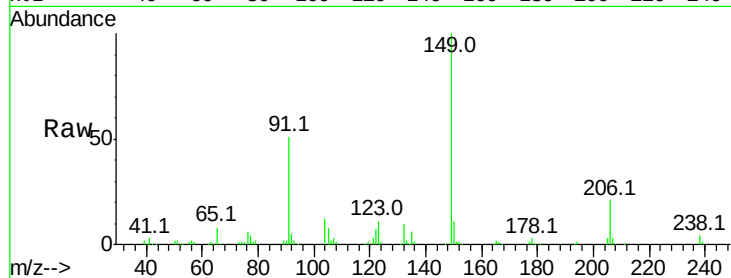
#79
Butylbenzylphthalate
Concen: 39.26 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampleId :
PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	180249		
91	51.4	57.6	86.4#	
206	21.3	13.2	19.8#	

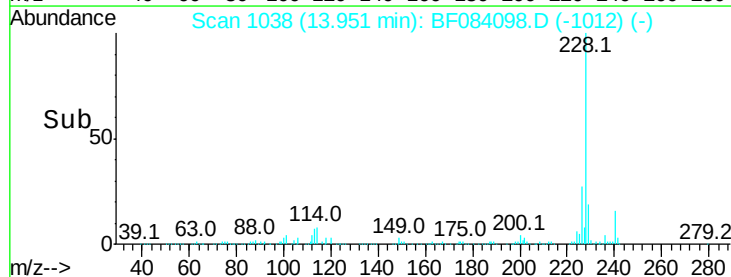
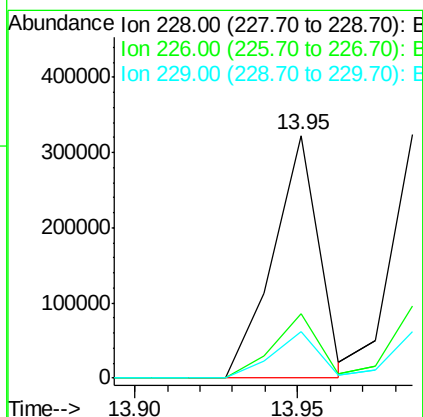
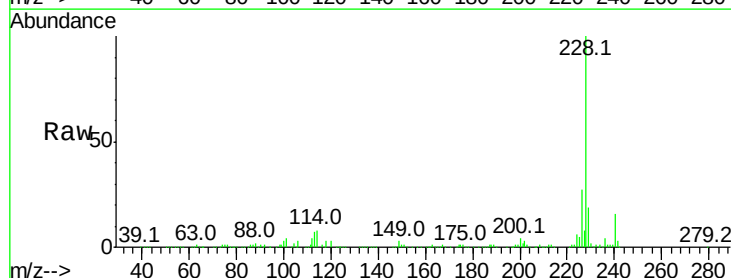
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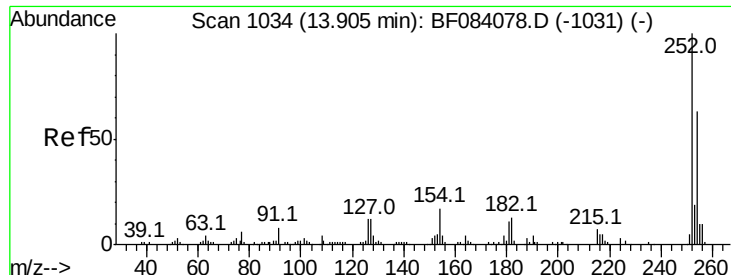
Sohil
12/28/2015 1:10:04 PM



#80
Benzo(a)anthracene
Concen: 39.50 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	312367		
226	26.8	21.8	32.6	
229	19.3	15.8	23.8	





#81

3,3'-Dichlorobenzidine

Concen: 23.43 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

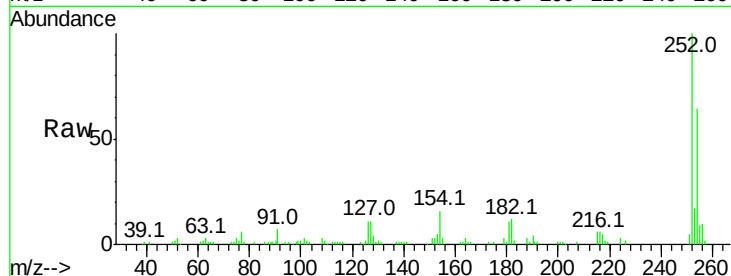
ClientSampleId :

PB87558BS

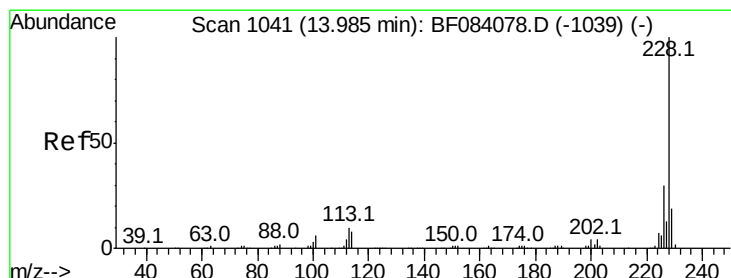
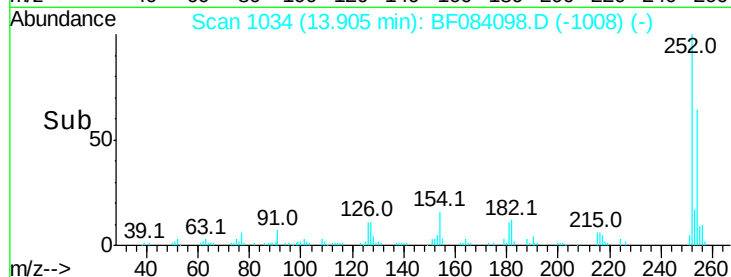
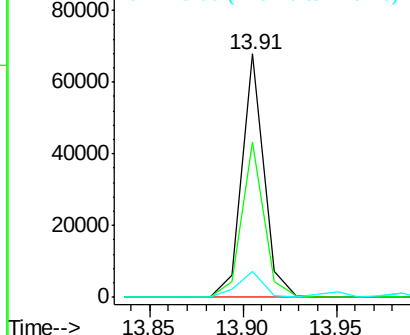
Tot Ion:	252	Resp:	56108
Ion Ratio	Lower	Upper	
252	100		
254	63.9	53.5	80.3
126	10.7	4.9	7.3#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.42 ng m

RT: 13.99 min Scan# 1041

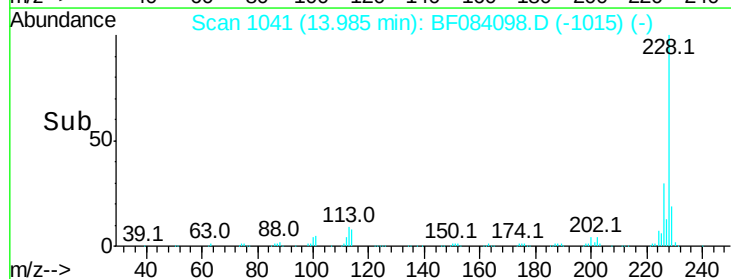
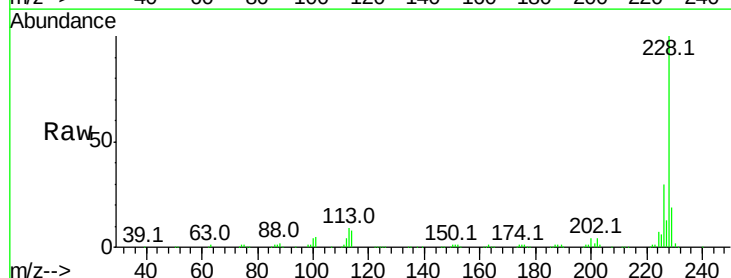
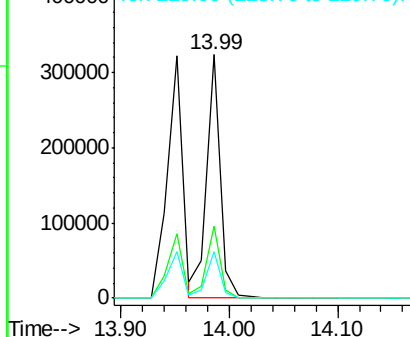
Delta R.T. 0.00 min

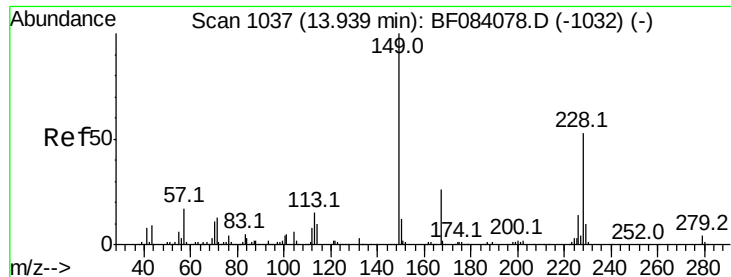
Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	228	Resp:	287478
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.3	36.5
229	19.3	16.1	24.1

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: 39.92 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

ClientSampleId :

PB87558BS

Tot Ion:149 Resp: 236830

Ion Ratio Lower Upper

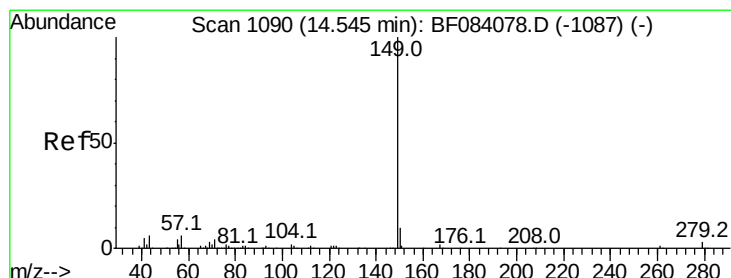
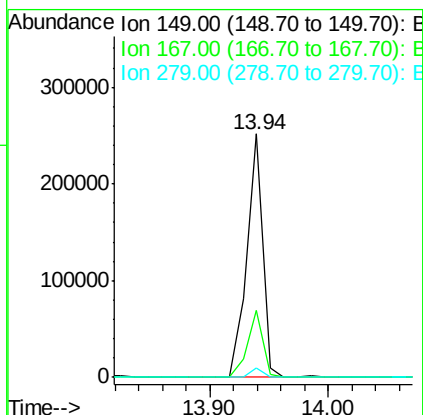
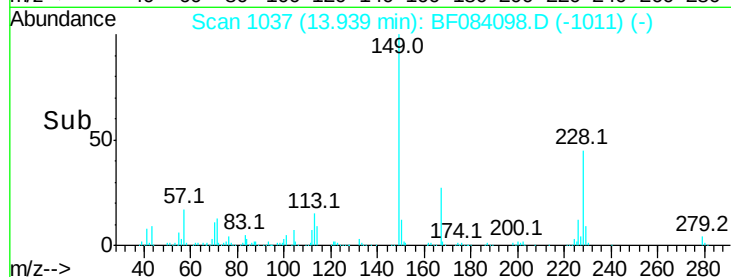
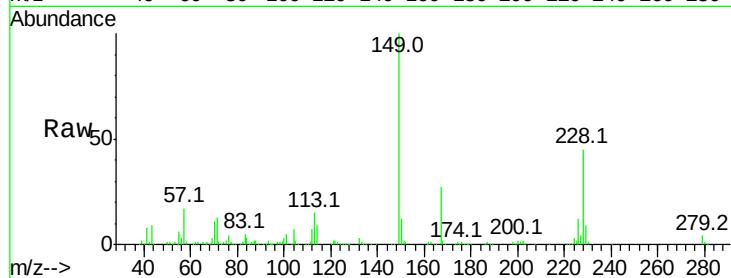
149 100

167 27.4 19.7 29.5

279 3.9 1.8 2.6#

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#84

Di-n-octyl phthalate

Concen: 43.58 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

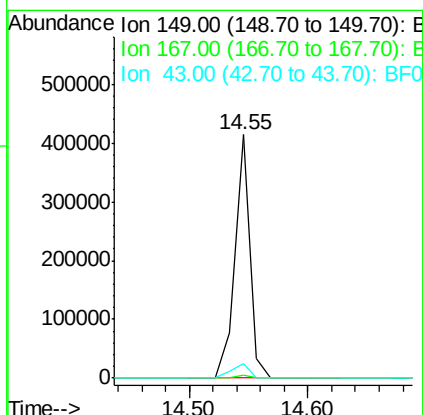
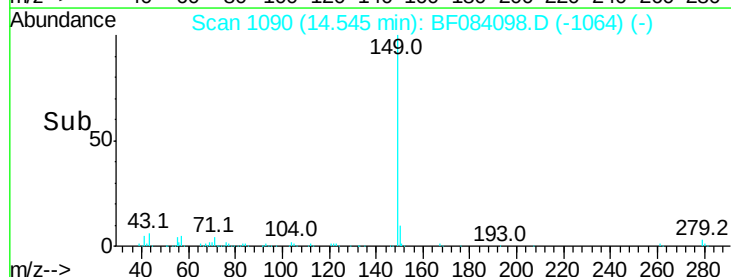
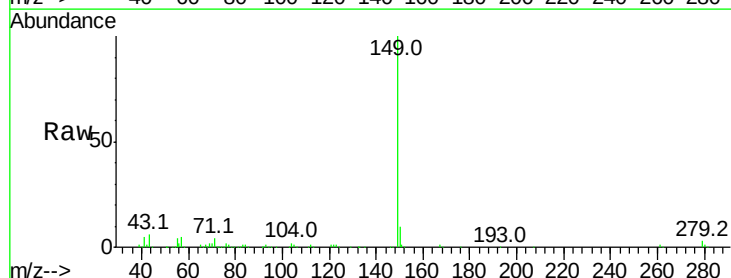
Tgt Ion:149 Resp: 363819

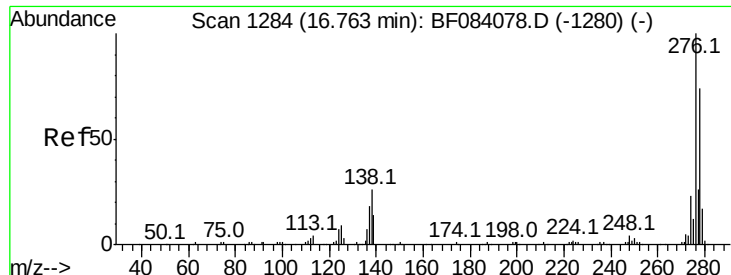
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.0 5.6 8.4





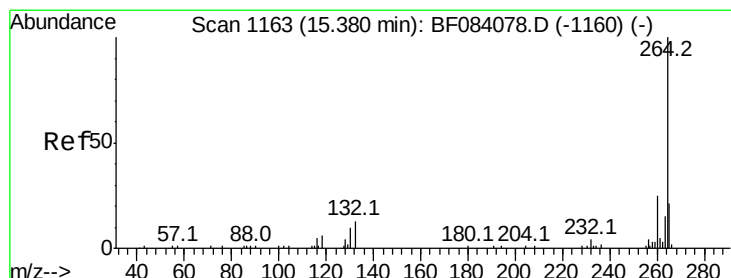
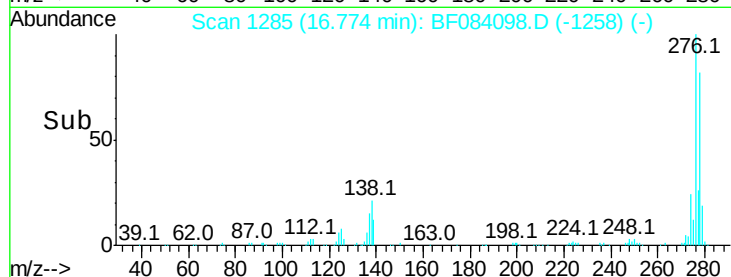
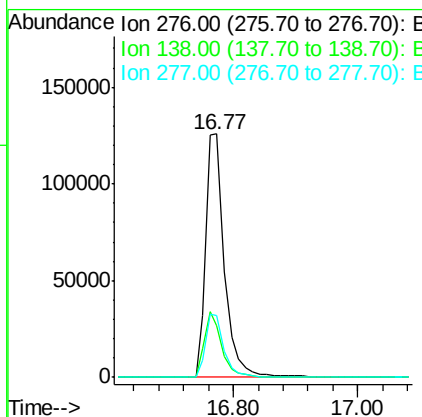
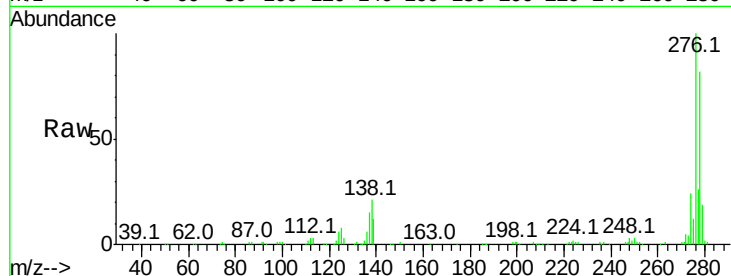
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.16 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	264092		
138	25.1		20.6	30.8
277	25.3		20.1	30.1

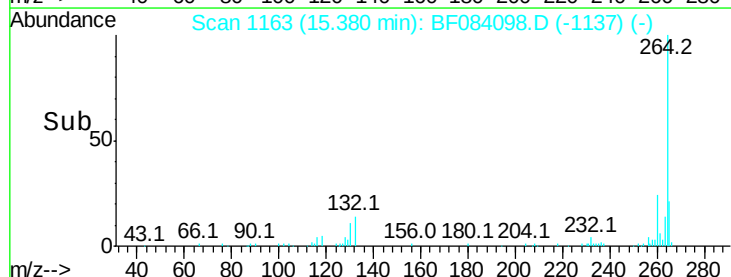
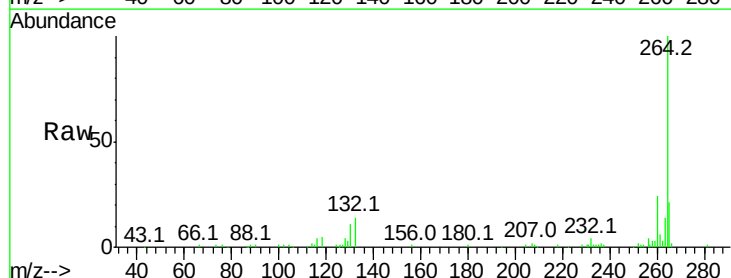
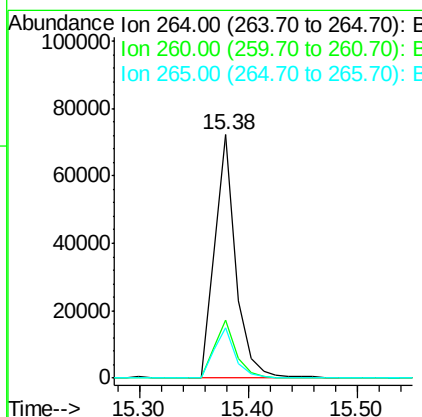
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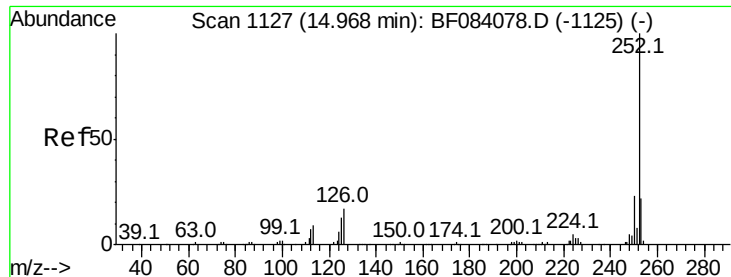
Sohil
 12/28/2015 1:10:04 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	98130		
260	23.8		19.4	29.2
265	20.8		17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 39.91 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Instrument :

BNA_F

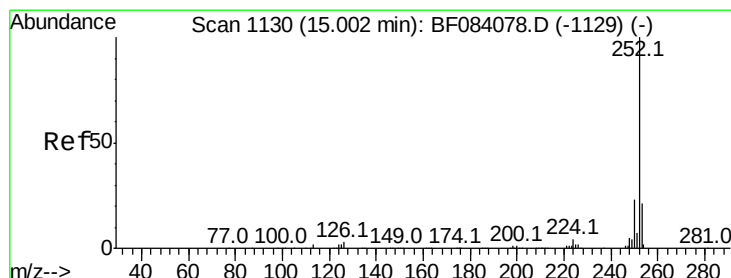
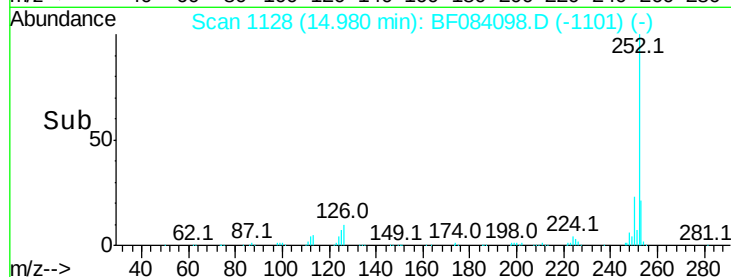
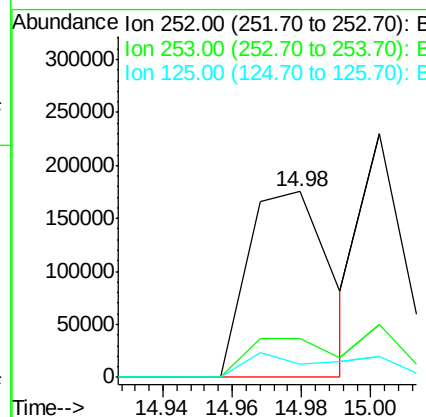
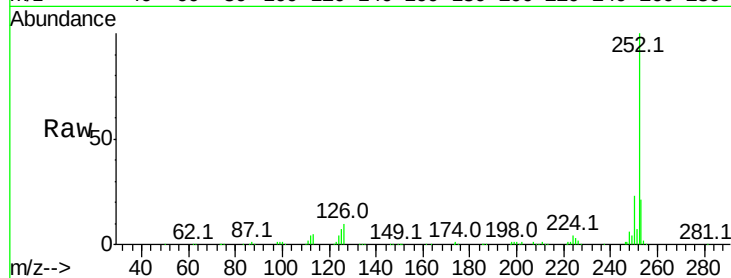
ClientSampleId :

PB87558BS

Tot Ion:	252	Resp:	290857
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.3	25.9
125	7.3	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 42.14 ng m

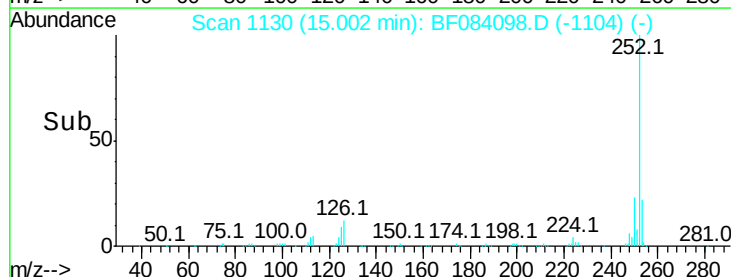
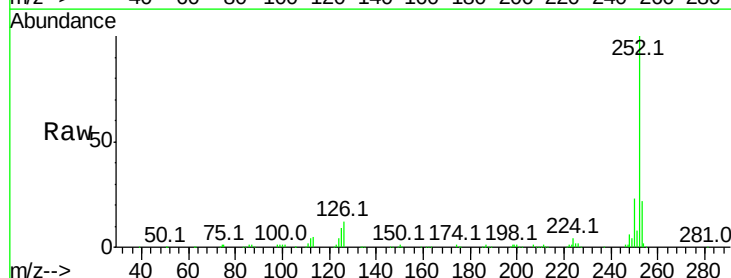
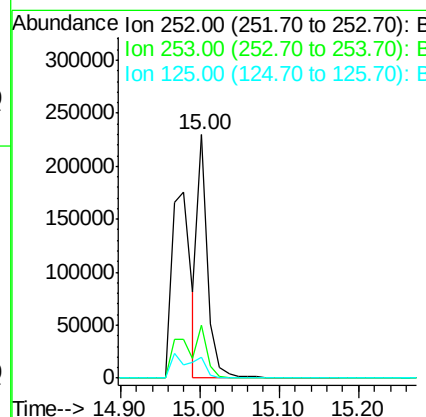
RT: 15.00 min Scan# 1130

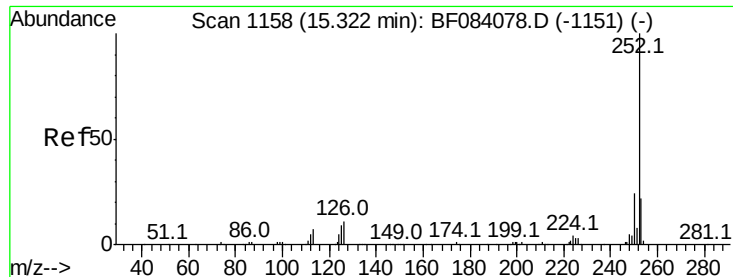
Delta R.T. 0.00 min

Lab File: BF084098.D

Acq: 25 Dec 2015 00:17

Tgt Ion:	252	Resp:	208099
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	8.5	9.0	13.6#





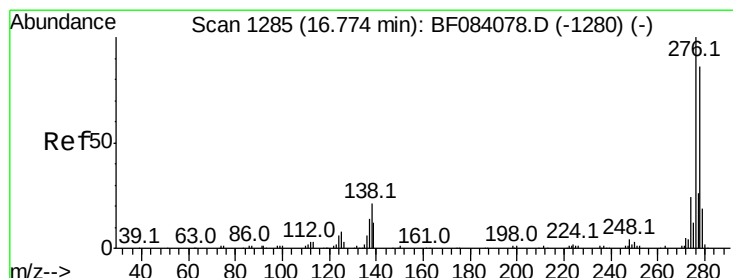
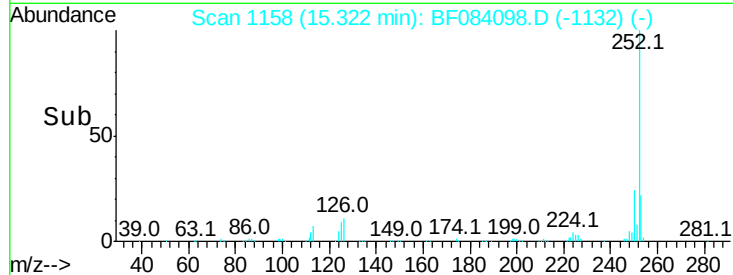
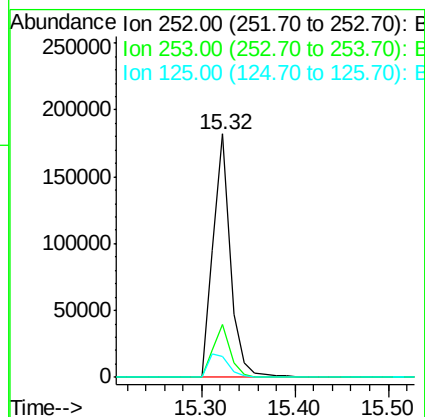
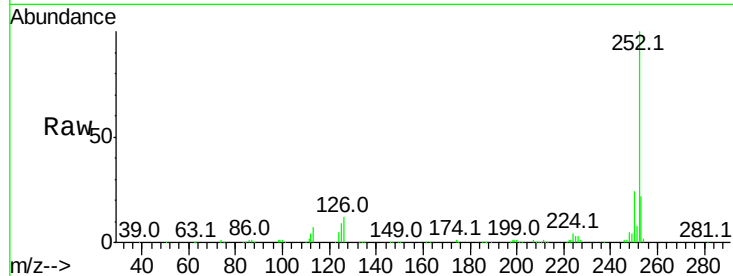
#89
Benzo(a)pyrene
Concen: 39.28 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Instrument :
BNA_F
ClientSampled :
PB87558BS

Tot Ion:	252	Resp:	235838
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.3	25.9
125	8.7	7.0	10.4

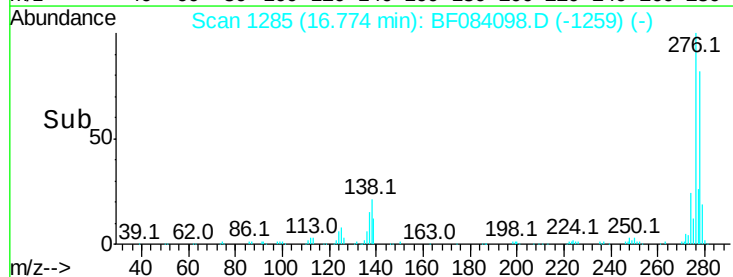
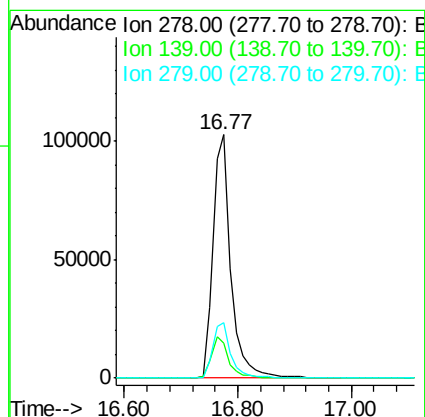
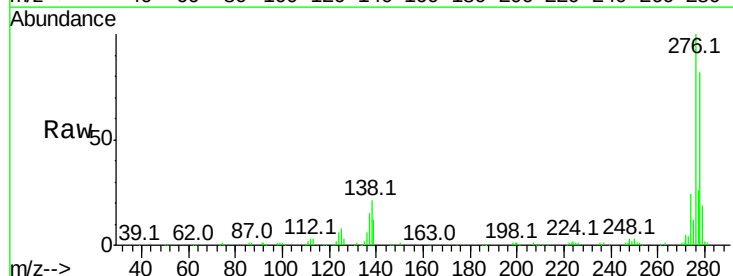
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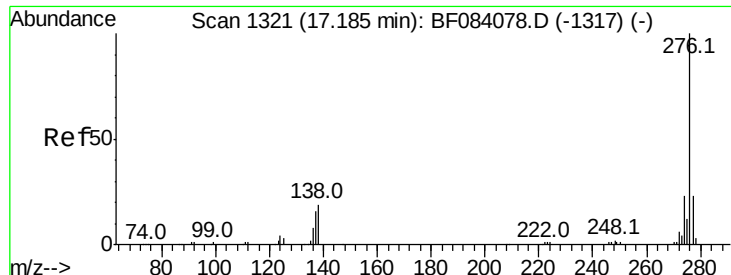
Sohil
12/28/2015 1:10:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.29 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF084098.D
Acq: 25 Dec 2015 00:17

Tgt Ion:	278	Resp:	218459
Ion Ratio	Lower	Upper	
278	100		
139	14.5	15.0	22.4#
279	22.9	18.9	28.3





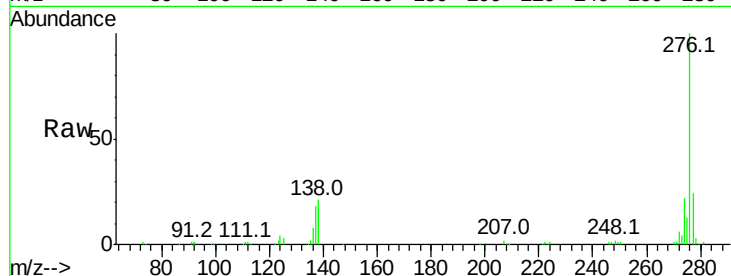
#91
 Benzo(a,h,i)perylene
 Concen: 37.24 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084098.D
 Acq: 25 Dec 2015 00:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BS

Tot Ion:	276	Resp:	222702
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	20.8	17.8	26.6

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

