

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088536.D
 Acq On : 30 Jun 2016 18:33
 Operator : UM/SJ
 Sample : PB91573BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:04:51 AM

Quant Time: Jul 01 02:28:27 2016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 01 01:58:49 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150740	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	633979	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	286086	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	548739	20.00	ng	0.00
75) Chrysene-d12	13.95	240	322877	20.00	ng	0.00
86) Perylene-d12	15.36	264	315029	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1180785	117.40	ng	0.02
7) Phenol-d6	6.46	99	1469854	113.10	ng	0.01
23) Nitrobenzene-d5	7.38	82	923338	76.32	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	277940	104.62	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1506628	83.19	ng	0.00
78) Terphenyl-d14	12.91	244	1174971	81.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	162222	32.53	ng	# 33
3) Pyridine	3.18	79	477768	33.02	ng	96
4) n-Nitrosodimethylamine	3.13	42	222297	40.21	ng	91
6) Aniline	6.48	93	436295	23.04	ng	97
8) 2-Chlorophenol	6.60	128	458298	42.40	ng	90
9) Benzaldehyde	6.35	77	6826	0.78	ng	83
10) Phenol	6.47	94	638126	43.02	ng	83
11) bis(2-Chloroethyl)ether	6.56	93	480458	43.44	ng	89
12) 1,3-Dichlorobenzene	6.75	146	409708m	34.44	ng	
13) 1,4-Dichlorobenzene	6.83	146	438887	37.17	ng	97
14) 1,2-Dichlorobenzene	6.99	146	394382	35.69	ng	97
15) Benzyl Alcohol	6.96	79	363953	38.05	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	639956	39.95	ng	90
17) 2-Methylphenol	7.07	107	370245	41.98	ng	98
18) Hexachloroethane	7.34	117	181312	39.70	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	358139	41.03	ng	# 87
20) 3+4-Methylphenols	7.23	107	467769	44.20	ng	# 79
22) Acetophenone	7.23	105	594629	38.64	ng	# 86
24) Nitrobenzene	7.40	77	539586	44.24	ng	95
25) Isophorone	7.64	82	931200	41.55	ng	97
26) 2-Nitrophenol	7.71	139	201468	40.28	ng	93
27) 2,4-Dimethylphenol	7.76	122	422903	40.59	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	616087	42.25	ng	97
29) 2,4-Dichlorophenol	7.95	162	349975	41.57	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	371053	40.16	ng	99
31) Naphthalene	8.12	128	1267074	40.54	ng	100
32) Benzoic acid	7.90	122	281207	37.18	ng	92
33) 4-Chloroaniline	8.17	127	193895	13.94	ng	98
34) Hexachlorobutadiene	8.25	225	197924	40.01	ng	98
35) Caprolactam	8.55	113	134161m	46.92	ng	
36) 4-Chloro-3-methylphenol	8.66	107	431657	43.36	ng	96
37) 2-Methylnaphthalene	8.81	142	769953	38.26	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312960	32.89	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	343967	73.65	ng	98

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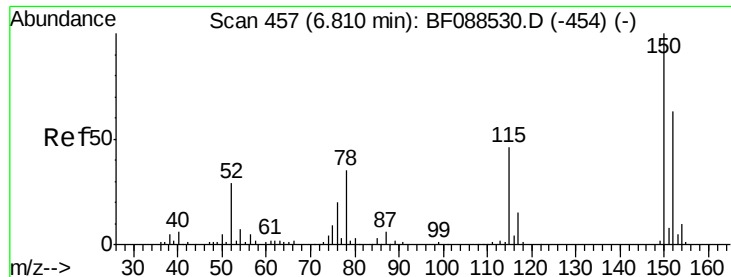
Manual Integrations

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	258179	41.15	ng	100
43) 2,4,5-Trichlorophenol	9.14	196	267314	49.52	ng	98
45) 1,1'-Biphenyl	9.28	154	871838	36.80	ng	98
46) 2-Chloronaphthalene	9.30	162	719221	38.67	ng	98
47) 2-Nitroaniline	9.39	65	242868	36.80	ng	97
48) Acenaphthylene	9.71	152	1111700	37.57	ng	99
49) Dimethylphthalate	9.59	163	923866	45.33	ng	100
50) 2,6-Dinitrotoluene	9.64	165	223585	49.50	ng	96
51) Acenaphthene	9.88	154	742064	40.91	ng	98
52) 3-Nitroaniline	9.80	138	129260	22.51	ng	99
53) 2,4-Dinitrophenol	9.91	184	178047	89.27	ng	# 88
54) Dibenzofuran	10.06	168	982928	41.40	ng	# 88
55) 4-Nitrophenol	9.96	139	348628	79.89	ng	96
56) 2,4-Dinitrotoluene	10.04	165	294733	49.90	ng	# 68
57) Fluorene	10.40	166	677617	37.04	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	188924	45.24	ng	# 52
59) Diethylphthalate	10.28	149	865367	42.31	ng	100
60) 4-Chlorophenyl-phenylether	10.40	204	346855	40.80	ng	89
61) 4-Nitroaniline	10.42	138	213663	38.67	ng	87
62) Azobenzene	10.55	77	1057555	45.33	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	117324	39.97	ng	92
65) n-Nitrosodiphenylamine	10.51	169	672316	36.20	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	209226	37.84	ng	# 76
67) Hexachlorobenzene	10.95	284	244187	39.89	ng	# 88
68) Atrazine	11.04	200	206064	35.61	ng	92
69) Pentachlorophenol	11.14	266	308074	85.04	ng	98
70) Phenanthrene	11.36	178	1253310	41.78	ng	99
71) Anthracene	11.41	178	1081217	36.25	ng	100
72) Carbazole	11.57	167	1166232	41.54	ng	98
73) Di-n-butylphthalate	11.90	149	1274360	39.03	ng	# 98
74) Fluoranthene	12.54	202	1134926	37.32	ng	98
76) Benzidine	12.66	184	429203	26.30	ng	99
77) Pyrene	12.77	202	1216934	44.45	ng	100
79) Butylbenzylphthalate	13.39	149	600332	49.16	ng	# 88
80) Benzo(a)anthracene	13.94	228	923182	44.40	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	146150	18.70	ng	# 93
82) Chrysene	13.99	228	965941	46.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	635037	45.55	ng	99
84) Di-n-octyl phthalate	14.56	149	1149150	48.52	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	785183	49.62	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	765371	38.73	ng	# 95
88) Benzo(k)fluoranthene	14.99	252	784923m	45.63	ng	
89) Benzo(a)pyrene	15.30	252	731664	43.73	ng	98
90) Dibenzo(a,h)anthracene	16.73	278	638646	45.71	ng	99
91) Benzo(g,h,i)perylene	17.12	276	679837	47.02	ng	99

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



#1

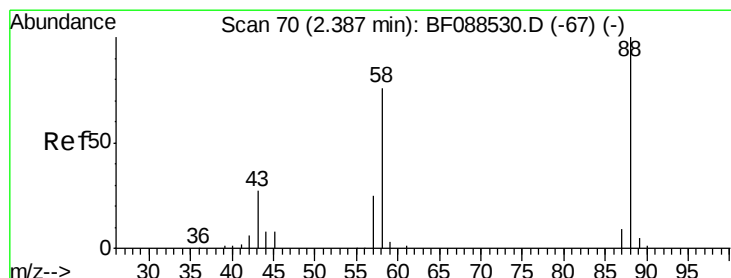
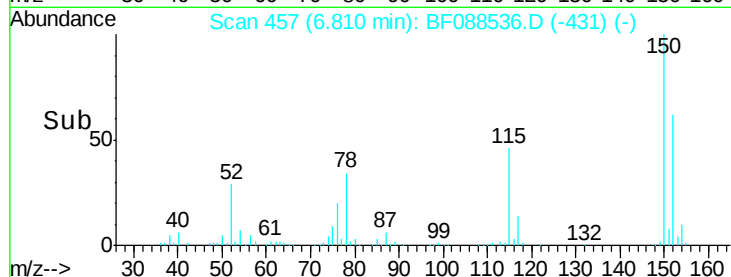
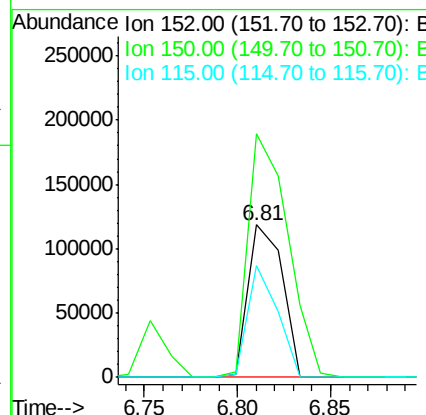
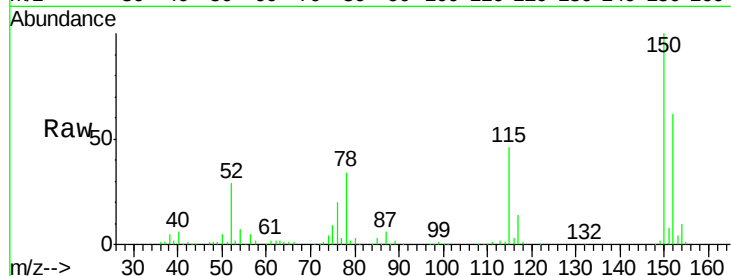
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleID :
PB91573BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.8	185.6
115	73.2	39.6	59.4

Manual Integrations

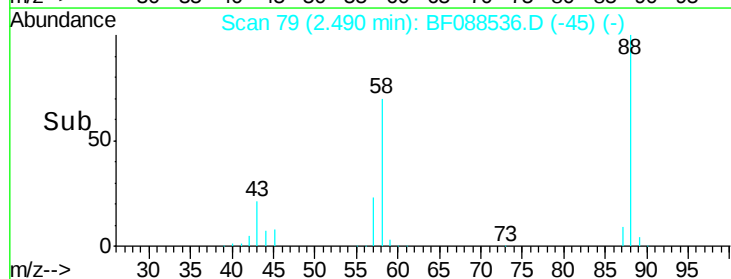
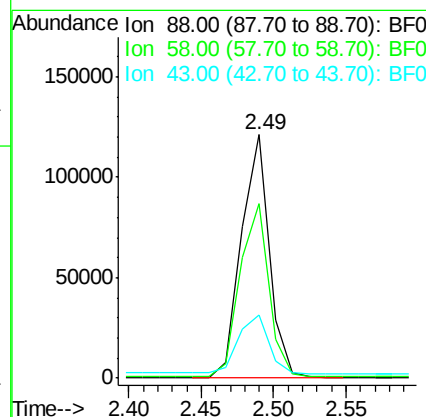
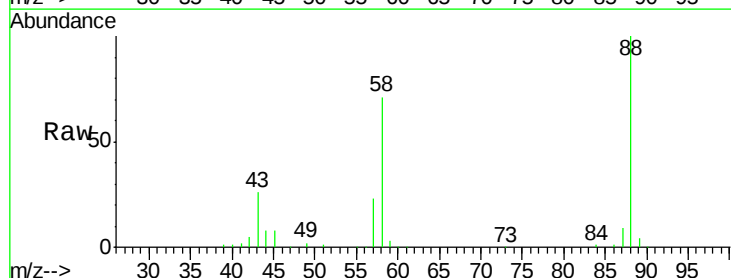
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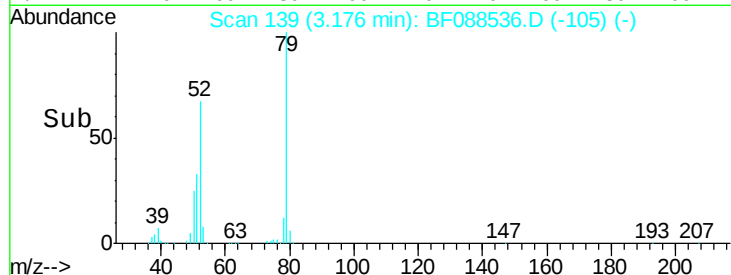
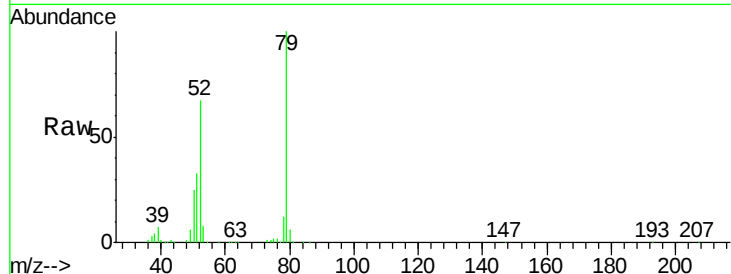
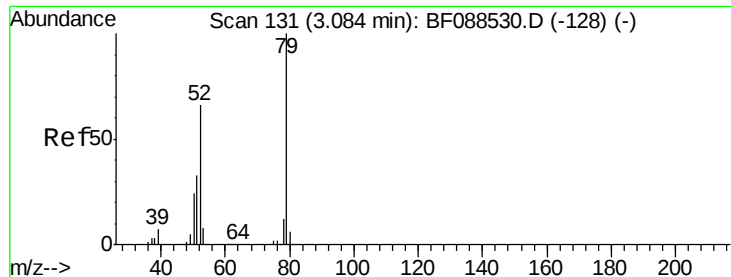


#2

1,4-Dioxane
Concen: 32.53 ng
RT: 2.49 min Scan# 79
Delta R.T. 0.09 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

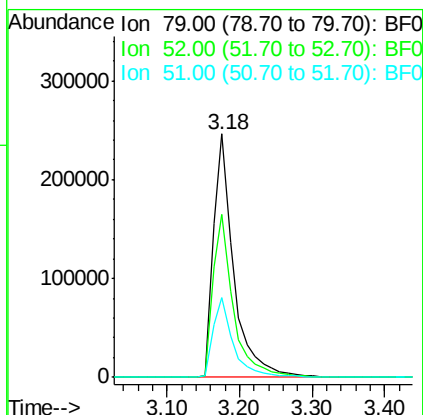
Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	0.0	0.0
43	26.5	3.4	5.2





#3
Pyridine
Concen: 33.02 ng
RT: 3.18 min Scan# 139
Delta R.T. 0.09 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

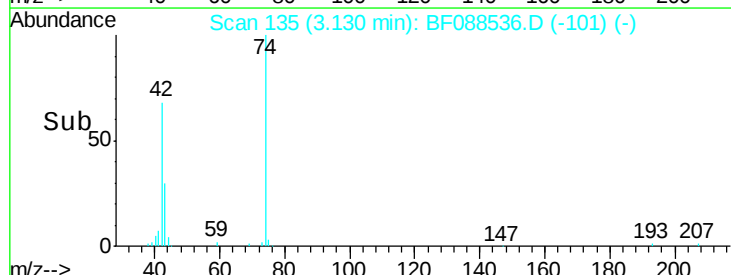
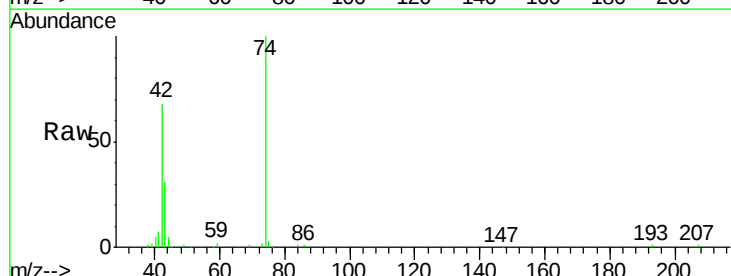
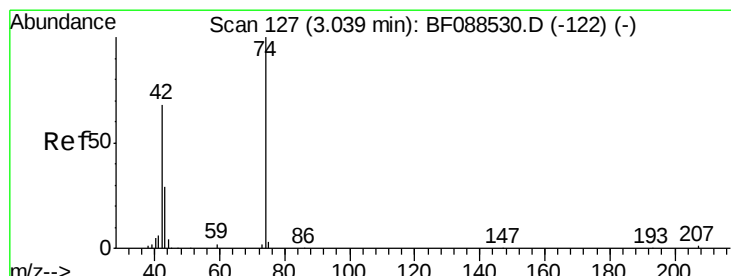
Tgt Ion	Ratio	Lower	Upper
79	100		
52	67.0	56.3	84.5
51	32.9	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
PB91573BS

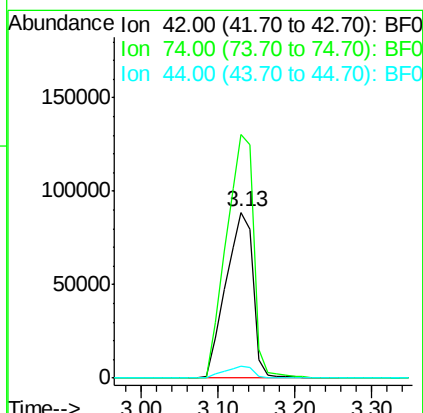
Manual Integrations

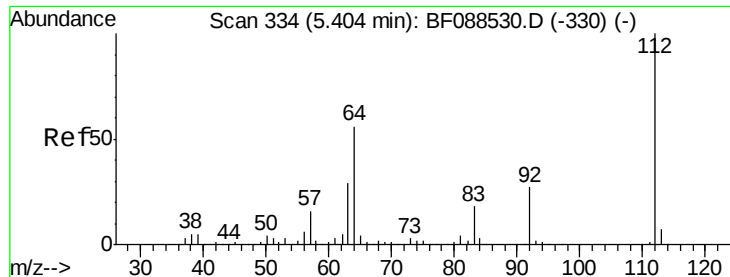
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#4
n-Nitrosodimethylamine
Concen: 40.21 ng
RT: 3.13 min Scan# 135
Delta R.T. 0.09 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.8	108.6	163.0
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 117.40 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088536.D

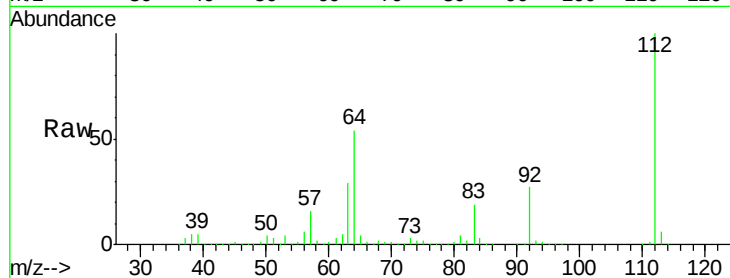
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion: 112 Resp: 1180785

Ion Ratio Lower Upper

112 100

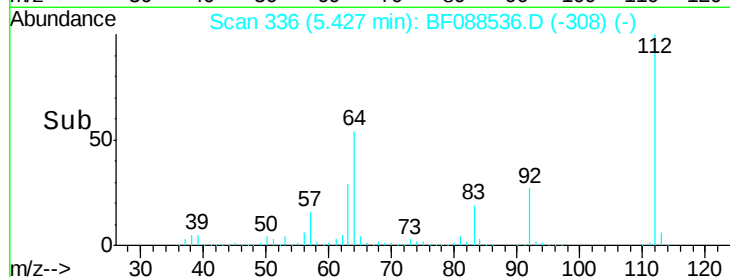
64 54.4 42.2 63.2

63 28.8 21.8 32.8

Manual Integrations

SOHIL

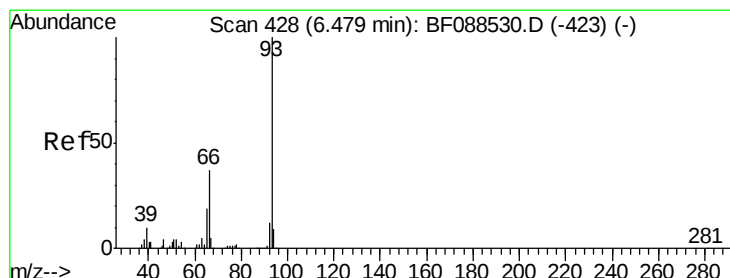
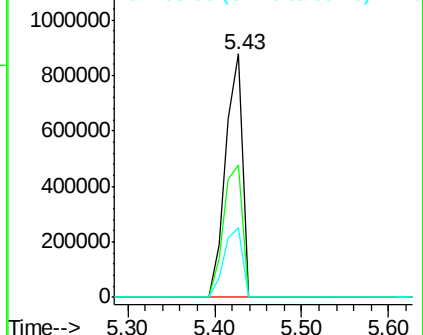
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.04 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

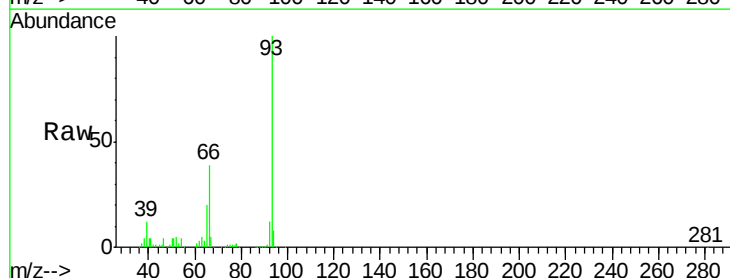
Tgt Ion: 93 Resp: 436295

Ion Ratio Lower Upper

93 100

66 39.0 29.8 44.8

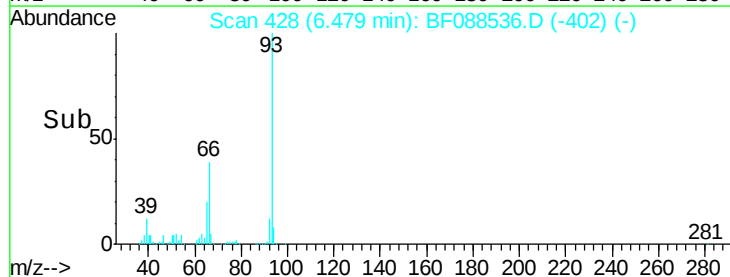
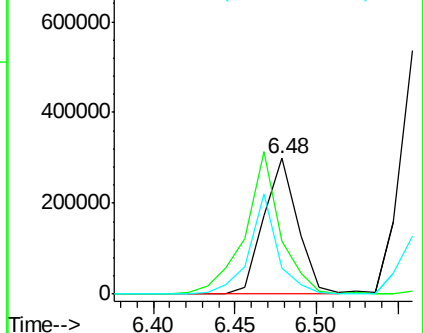
65 19.6 14.9 22.3

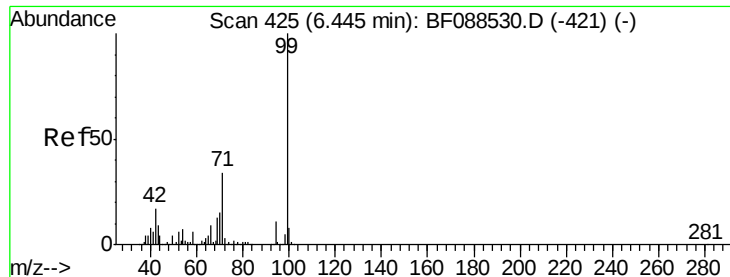


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.10 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088536.D

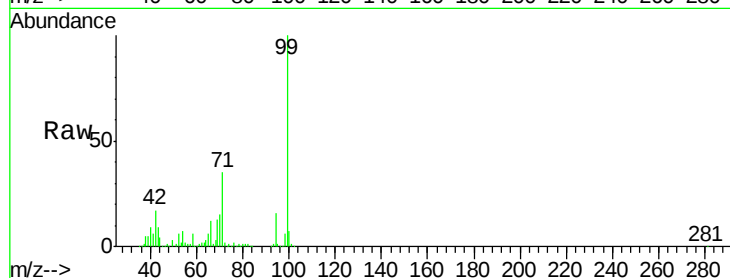
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion: 99 Resp: 1469854

Ion Ratio Lower Upper

99 100

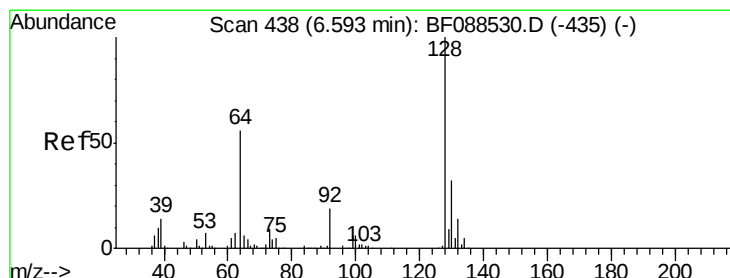
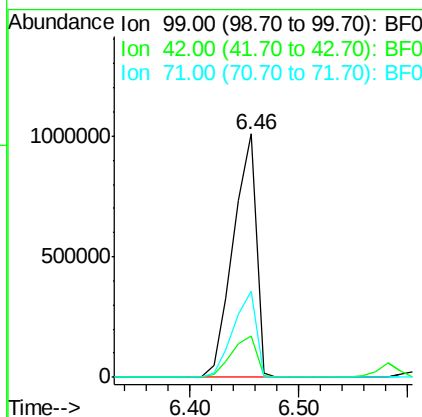
42 17.2 12.2 18.2

71 35.4 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.40 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

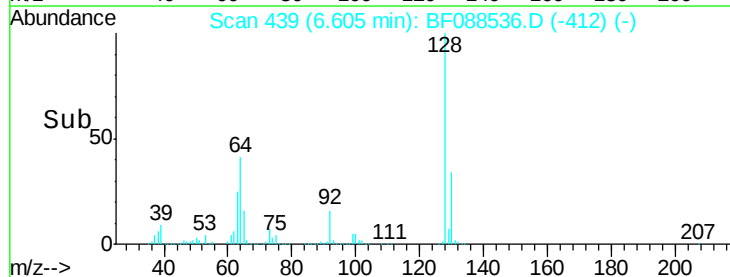
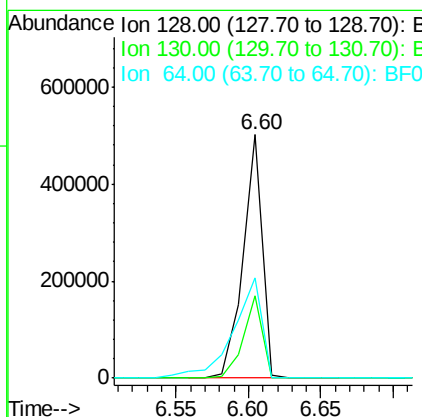
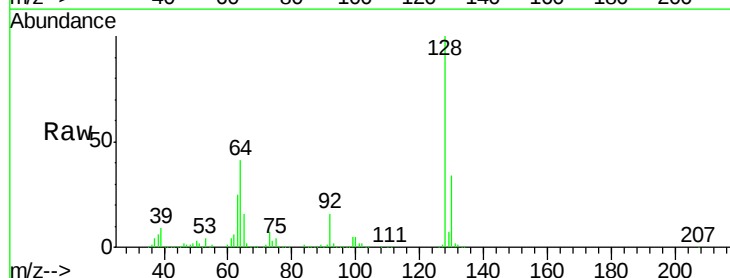
Tgt Ion: 128 Resp: 458298

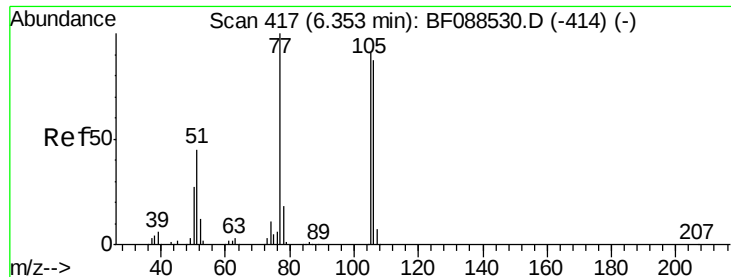
Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 41.1 30.8 70.8





#9

Benzaldehyde

Concen: 0.78 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088536.D

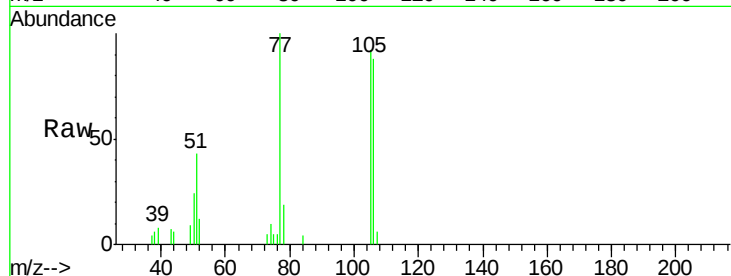
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

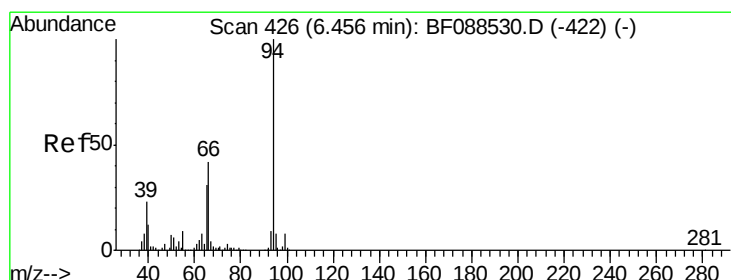
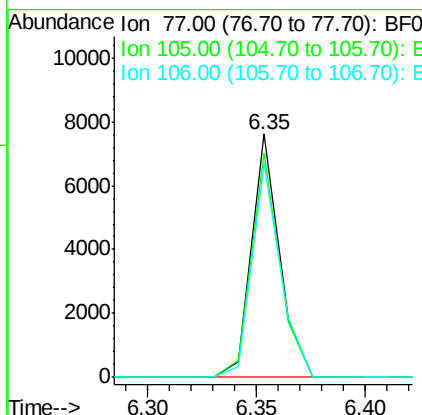
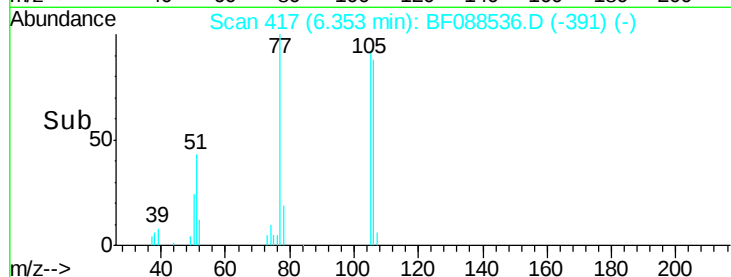


Tgt Ion:	77	Resp:	6826
Ion	Ratio	Lower	Upper
77	100		
105	92.2	90.6	130.6
106	87.9	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 43.02 ng

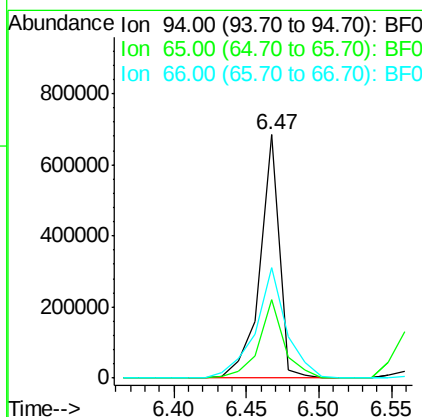
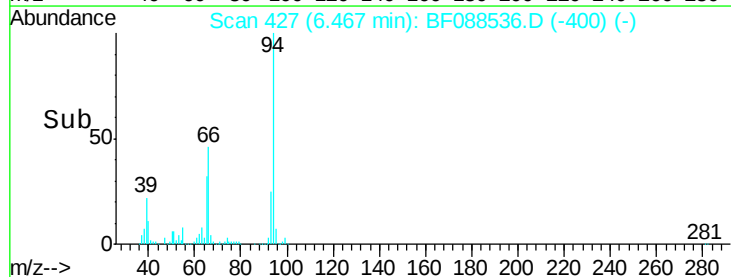
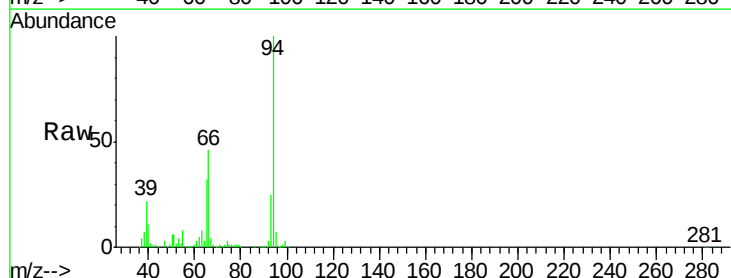
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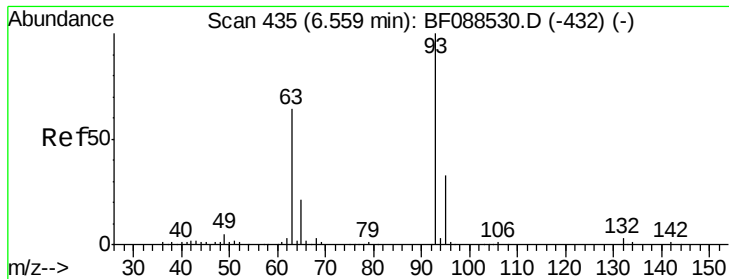
Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:	94	Resp:	638126
Ion	Ratio	Lower	Upper
94	100		
65	32.3	5.9	45.9
66	45.6	14.0	54.0





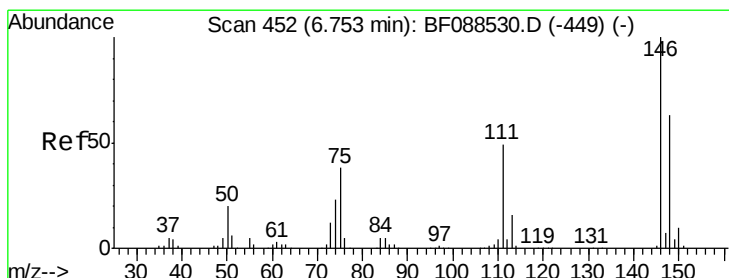
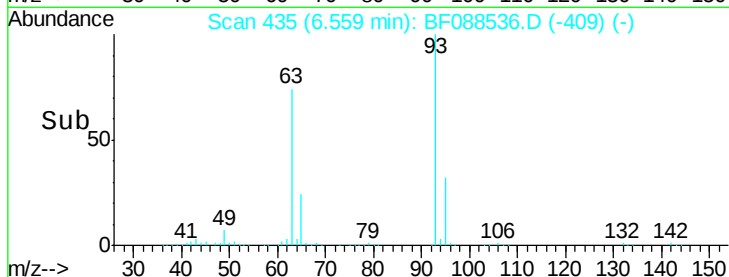
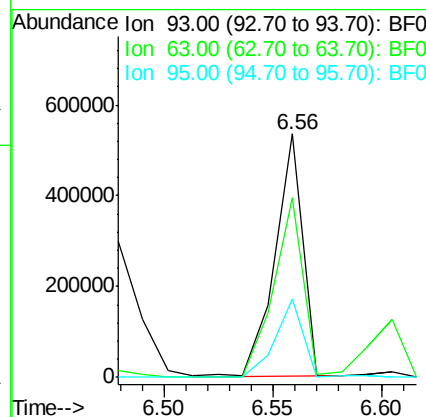
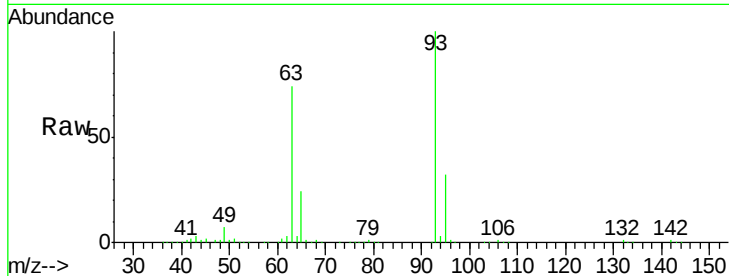
#11
bis(2-Chloroethyl)ether
Concen: 43.44 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.7	67.6	107.6
95	32.5	12.5	52.5

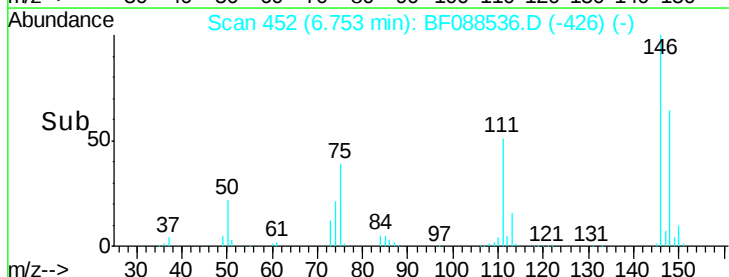
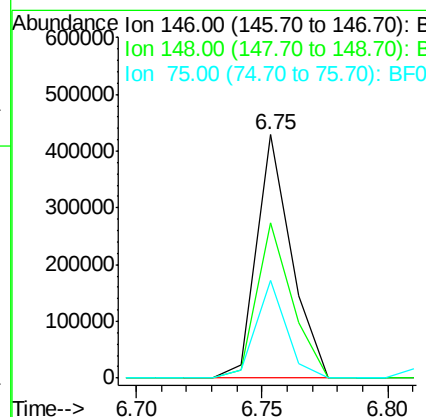
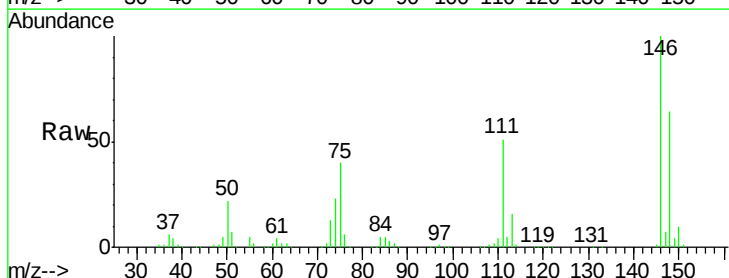
Manual Integrations

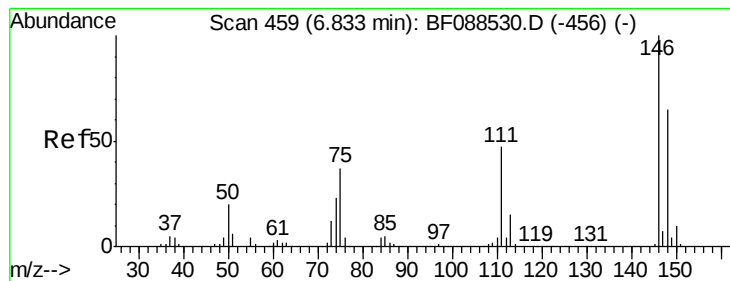
APPROVED
SOHIL
7/1/2016 8:04:51 AM



#12
1,3-Dichlorobenzene
Concen: 34.44 ng m
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	39.9	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 37.17 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

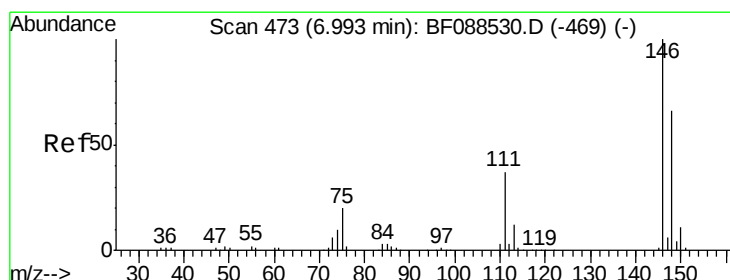
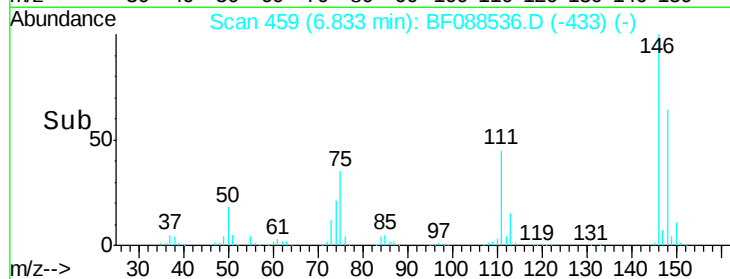
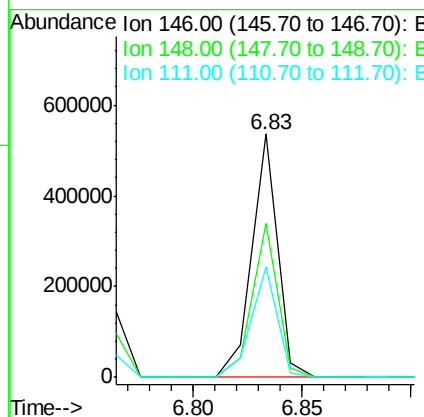
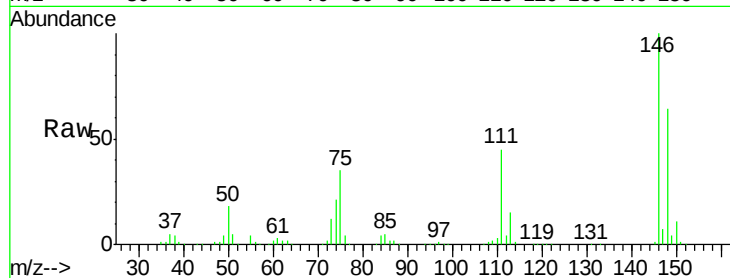
PB91573BS

Tgt Ion:	146	Resp:	438887
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.0	78.0
111	45.5	33.8	50.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 35.69 ng

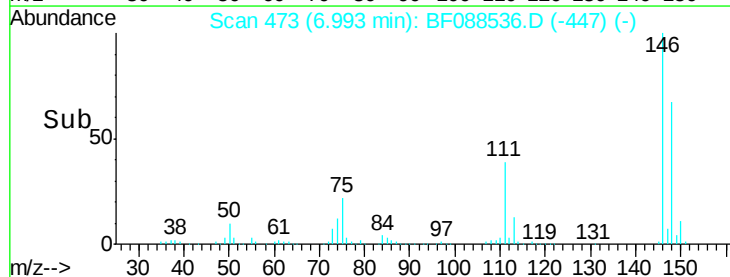
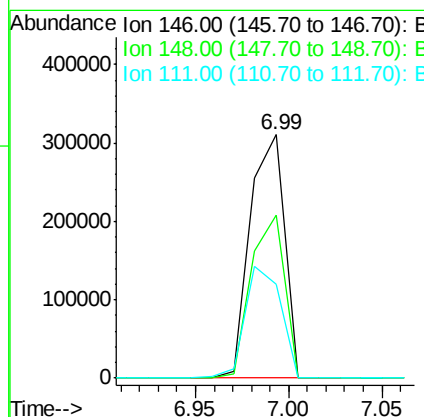
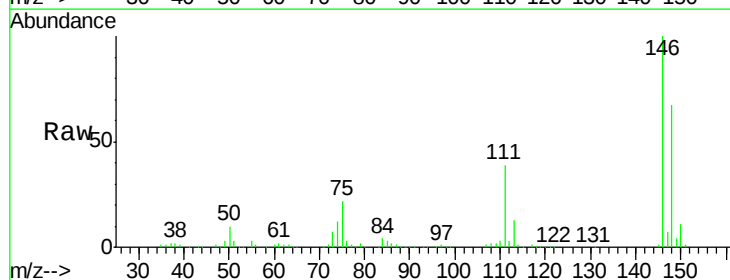
RT: 6.99 min Scan# 473

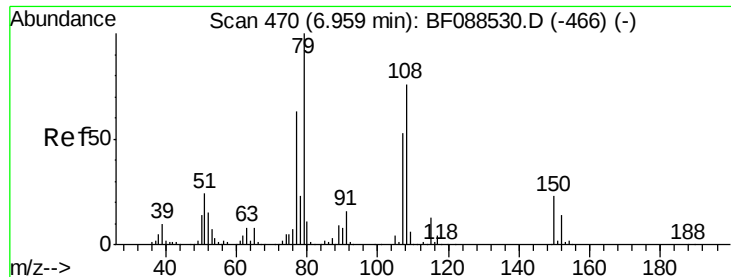
Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:	146	Resp:	394382
Ion Ratio	Lower	Upper	
146	100		
148	66.7	52.3	78.5
111	38.5	28.7	43.1





#15

Benzyl Alcohol

Concen: 38.05 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

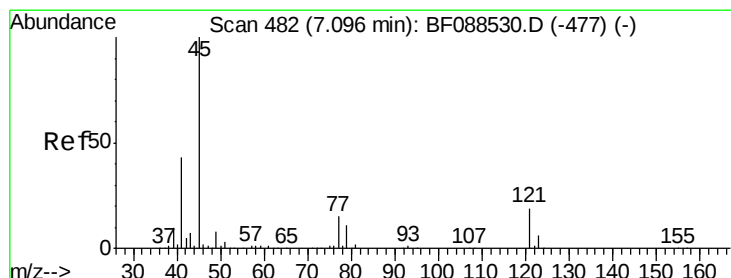
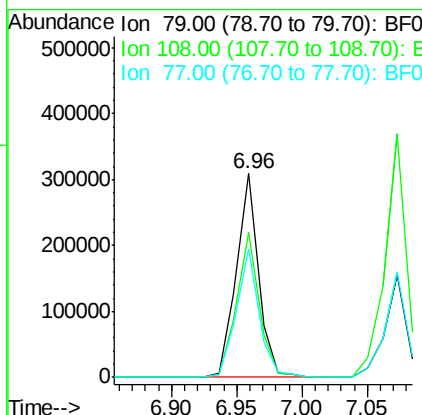
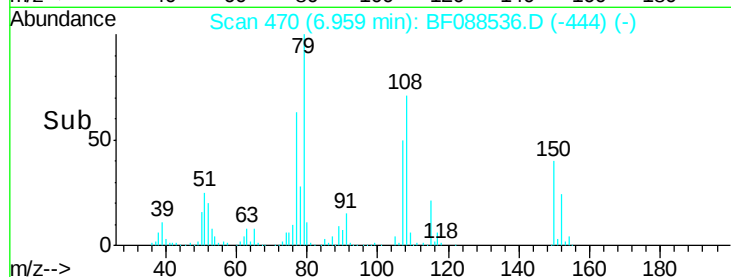
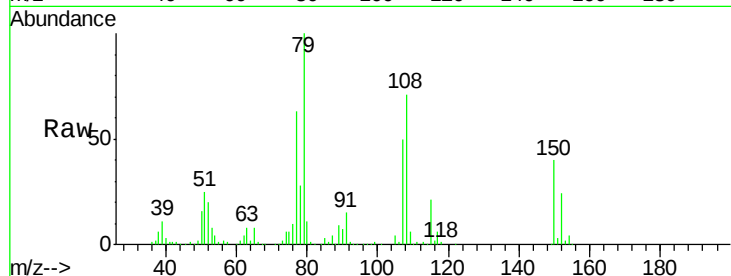
PB91573BS

Tgt Ion:	79	Resp:	363953
Ion Ratio	Lower	Upper	
79	100		
108	71.4	65.0	97.6
77	62.9	50.3	75.5

Manual Integrations

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7/1/2016 8:04:51 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.95 ng

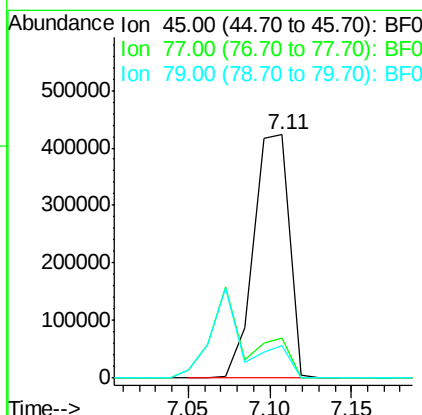
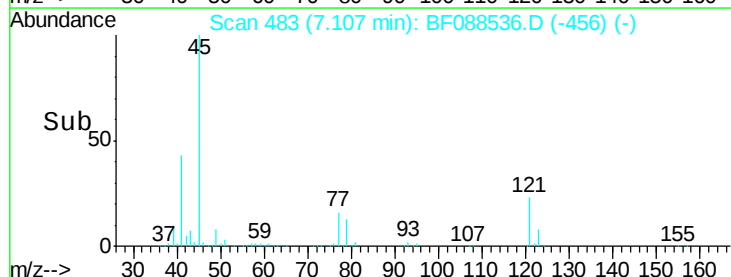
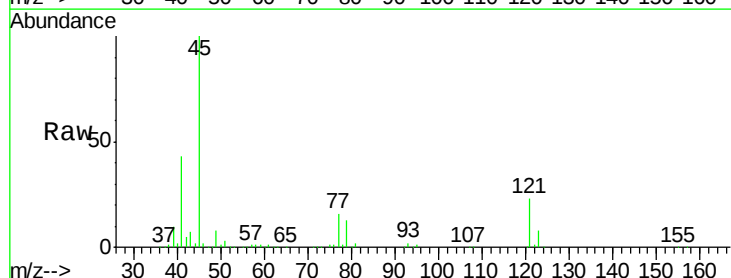
RT: 7.11 min Scan# 483

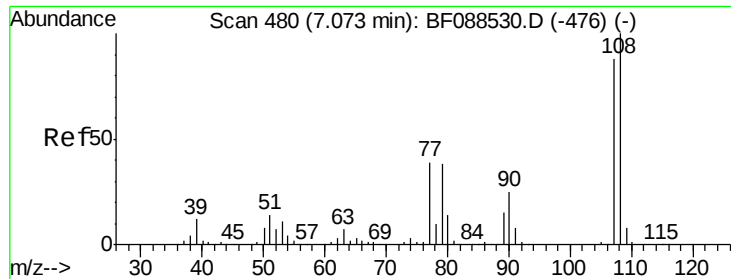
Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

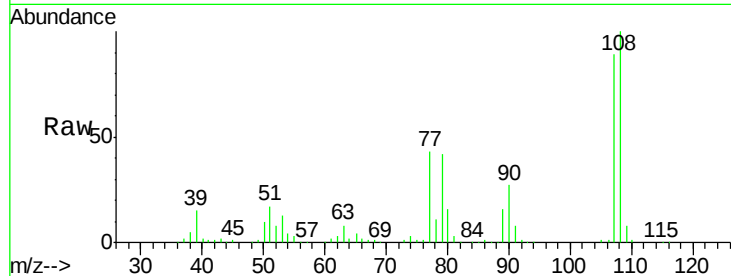
Tgt Ion:	45	Resp:	639956
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	32.5
79	13.2	0.0	29.5





#17
2-Methylphenol
Concen: 41.98 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

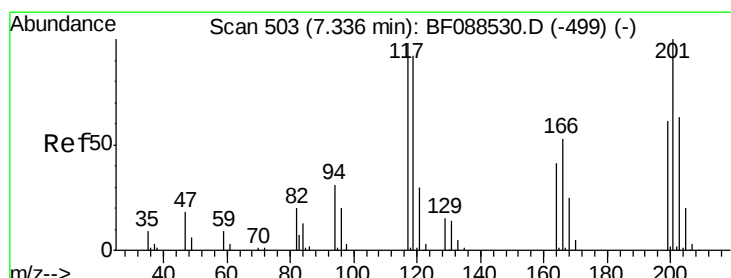
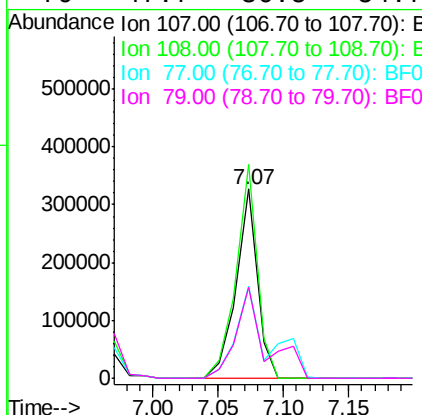
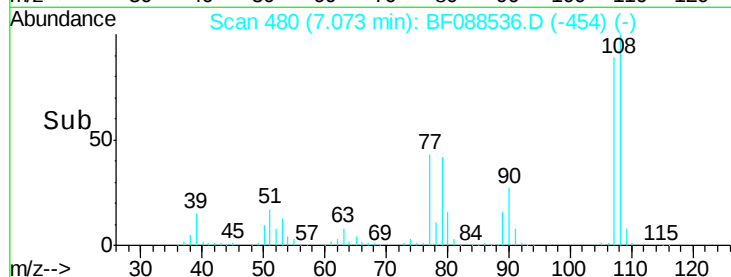
Instrument :
BNA_F
ClientSampleId :
PB91573BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	370245		
108	112.8	90.9	136.3	
77	48.6	36.6	55.0	
79	47.7	36.5	54.7	

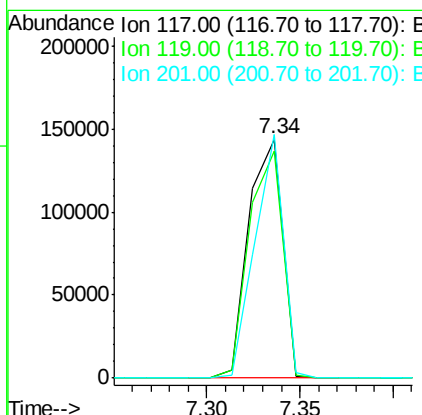
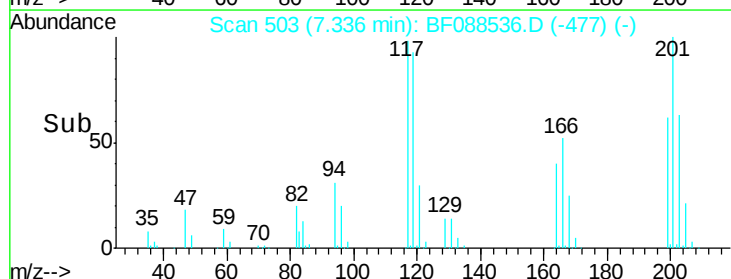
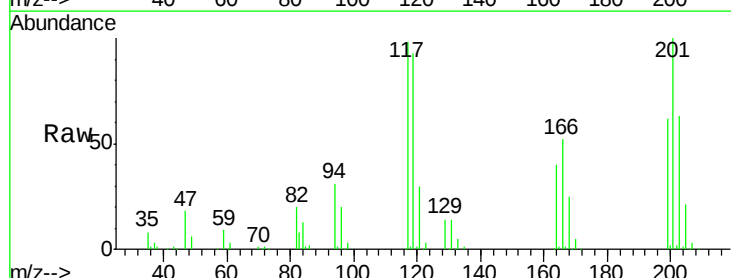
Manual Integrations

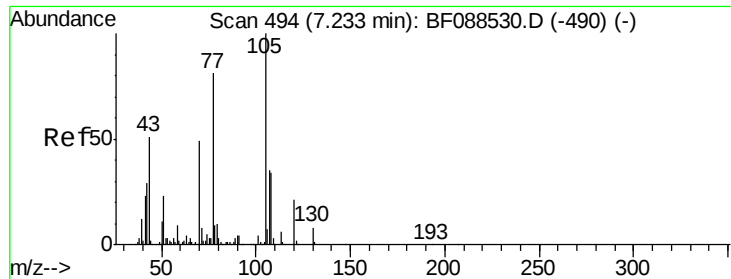
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#18
Hexachloroethane
Concen: 39.70 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	181312		
119	95.2	77.4	116.2	
201	101.9	80.4	120.6	





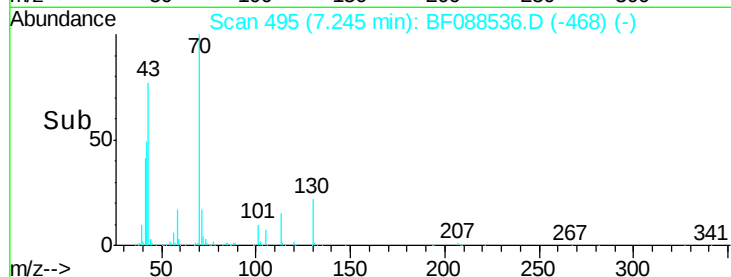
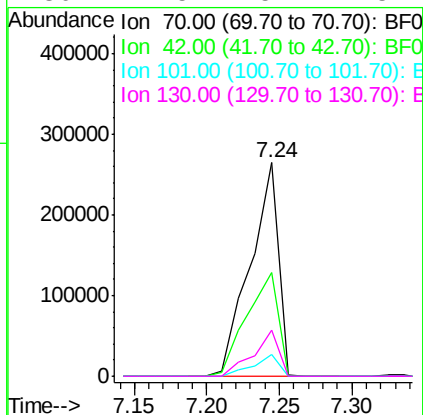
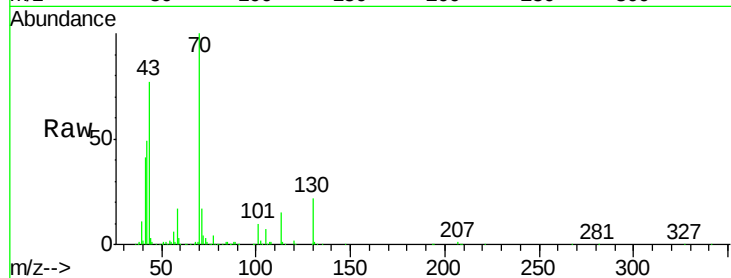
#19
n-Nitroso-di-n-propylamine
Concen: 41.03 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.6	74.4#
101	9.9	7.1	10.7
130	21.5	15.4	23.2

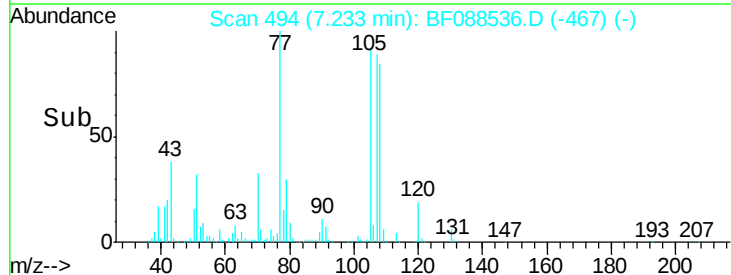
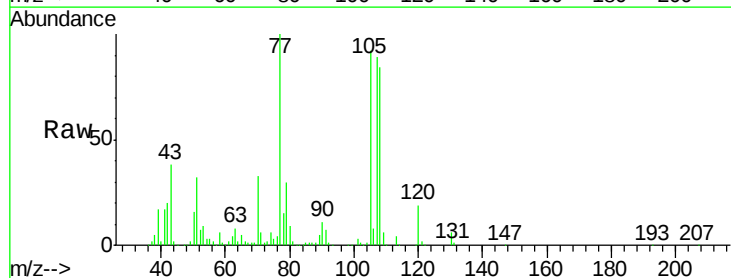
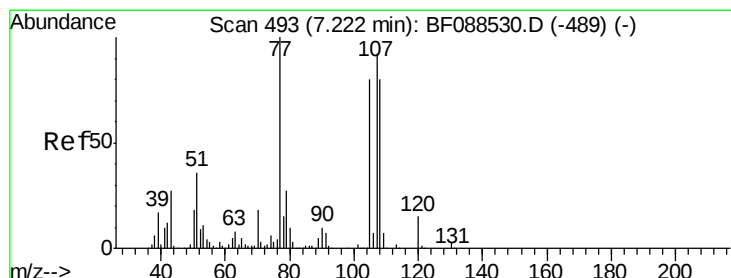
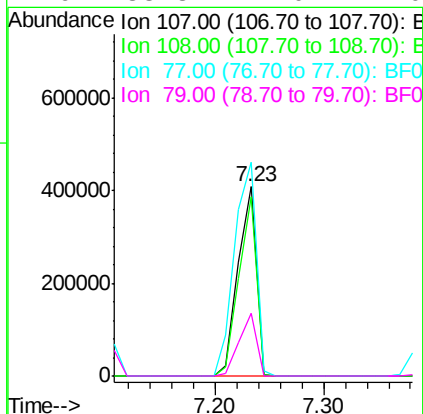
Manual Integrations

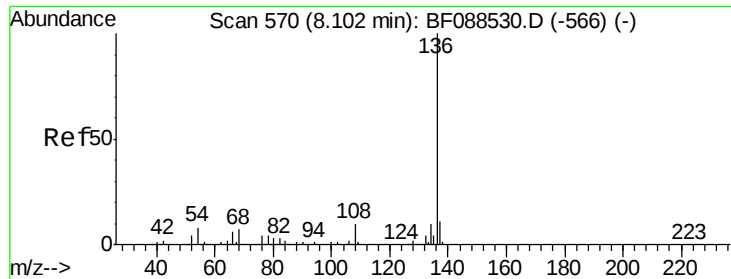
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7/1/2016 8:04:51 AM



#20
3+4-Methylphenols
Concen: 44.20 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	67.8	107.8
77	113.0	59.3	99.3#
79	33.3	7.0	47.0





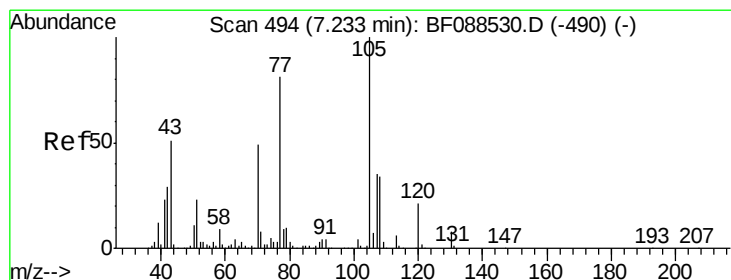
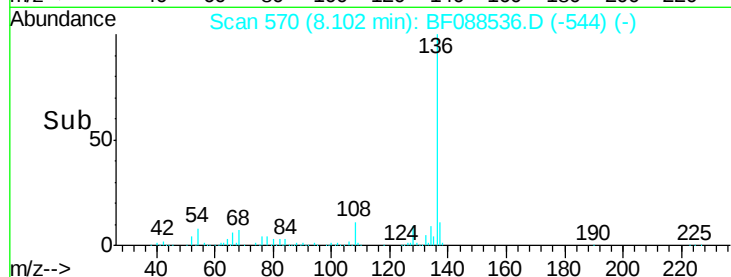
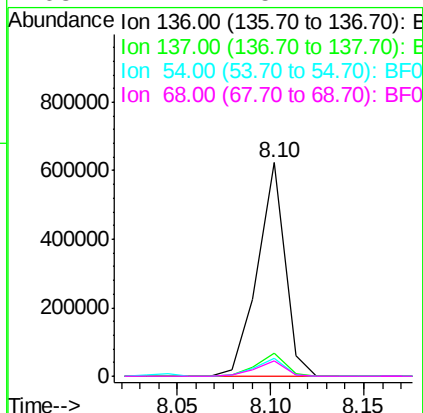
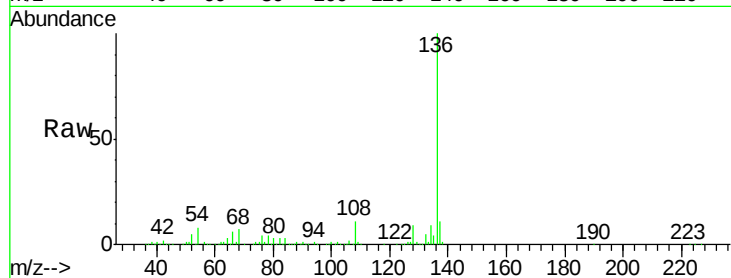
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	633979		
137	11.0	9.1	13.7	
54	8.5	6.6	10.0	
68	7.1	5.1	7.7	

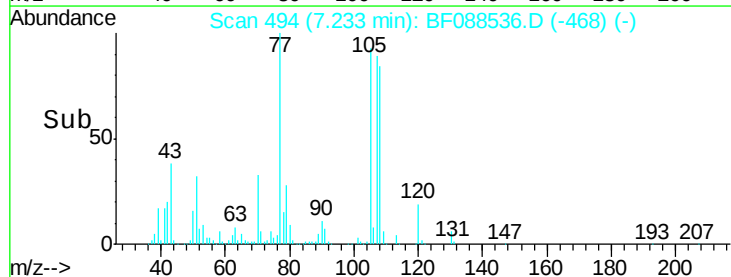
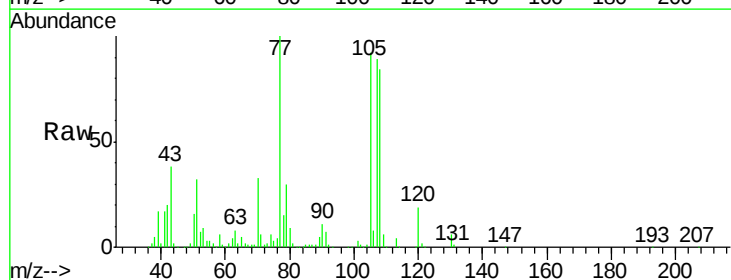
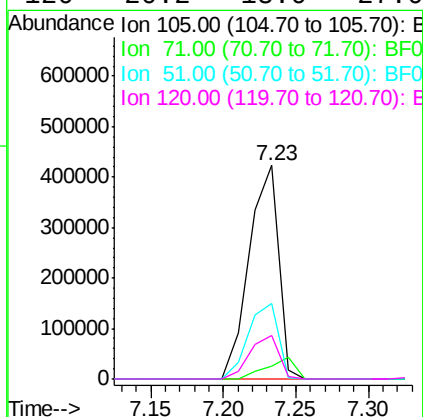
Manual Integrations

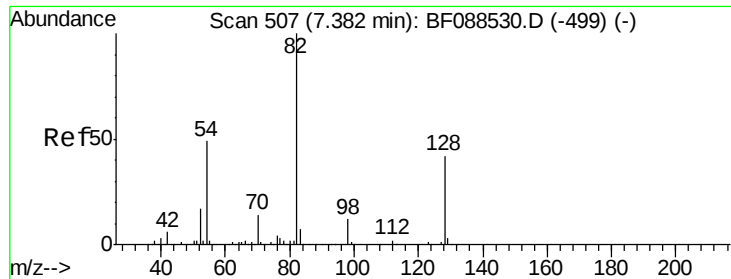
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#22
Acetophenone
Concen: 38.64 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	594629		
71	6.2	5.3	7.9	
51	35.2	18.2	27.4	
120	20.2	18.0	27.0	





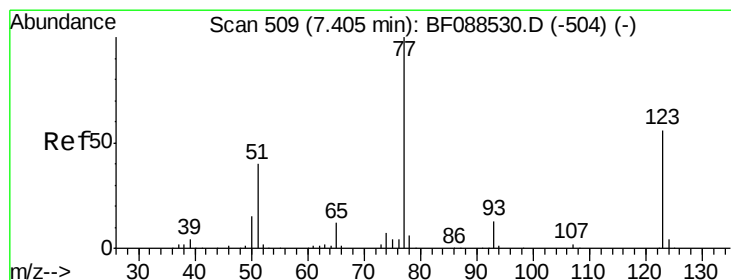
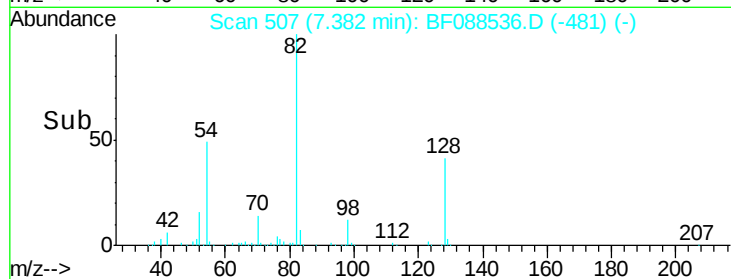
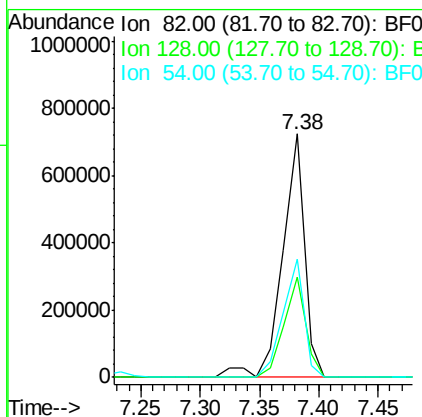
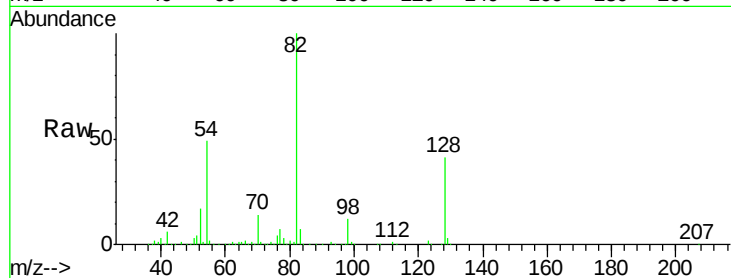
#23
 Nitrobenzene-d5
 Concen: 76.32 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	48.8	40.9	61.3

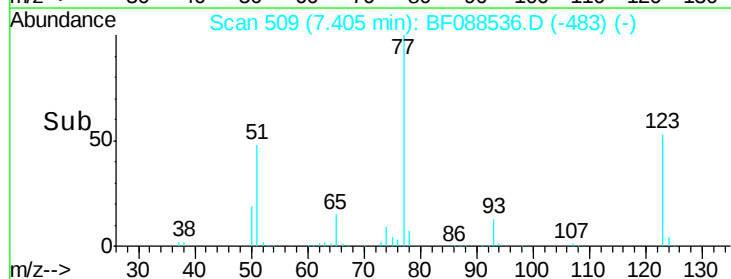
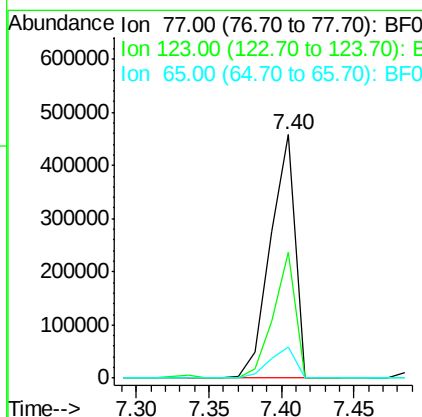
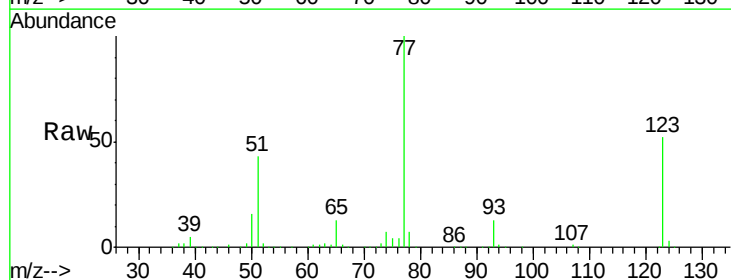
Manual Integrations

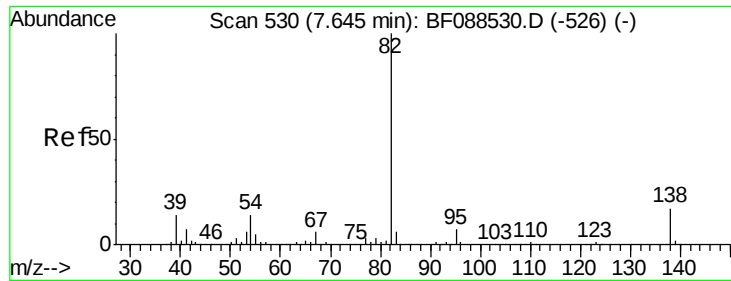
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#24
 Nitrobenzene
 Concen: 44.24 ng
 RT: 7.40 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.8	45.0	67.4
65	12.5	10.2	15.2





#25

Isophorone

Concen: 41.55 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

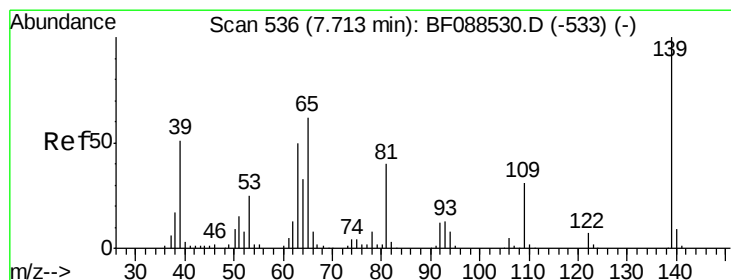
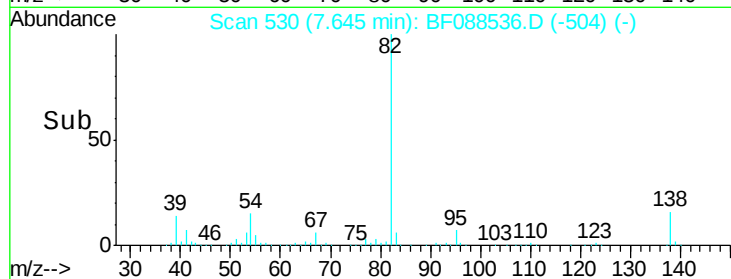
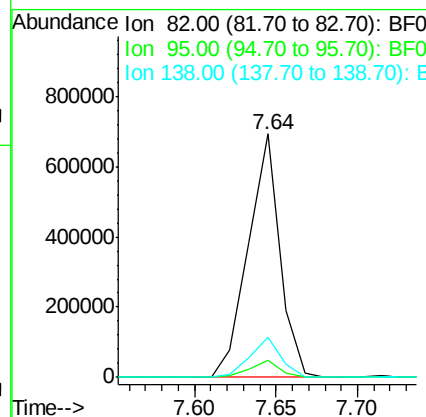
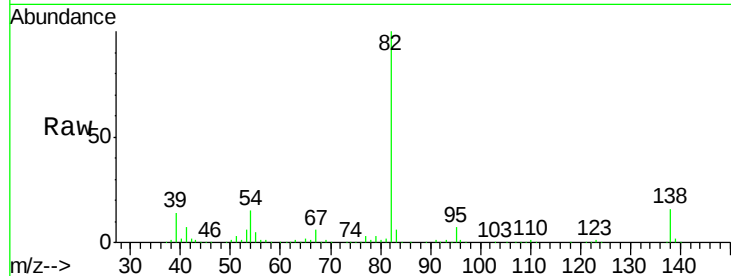
PB91573BS

Tgt Ion:	82	Resp:	931200
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	16.5	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.28 ng

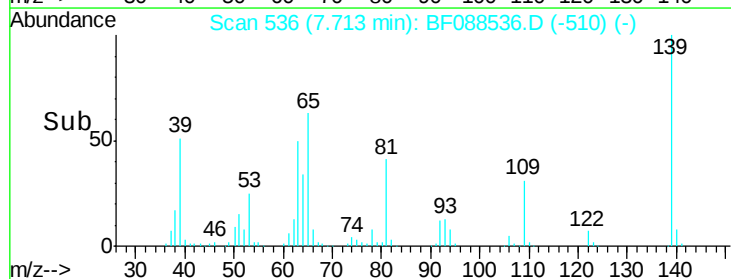
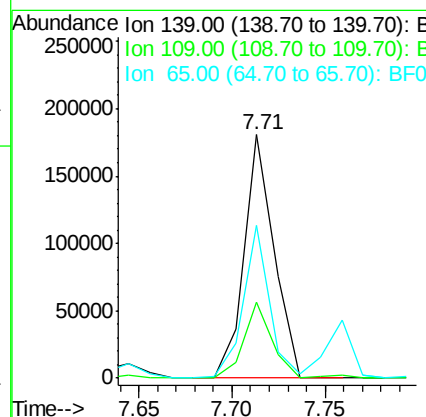
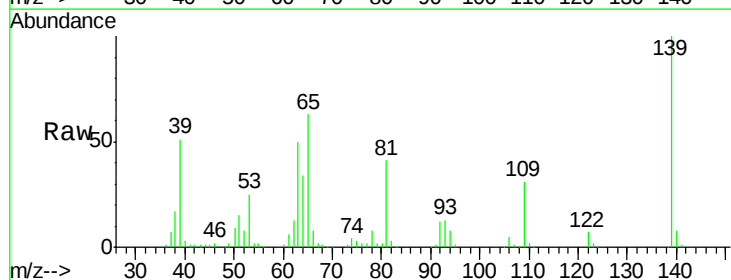
RT: 7.71 min Scan# 536

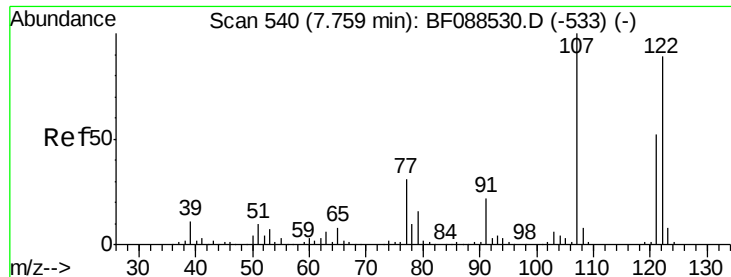
Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:	139	Resp:	201468
Ion Ratio	Lower	Upper	
139	100		
109	31.4	23.0	34.4
65	62.8	45.8	68.8





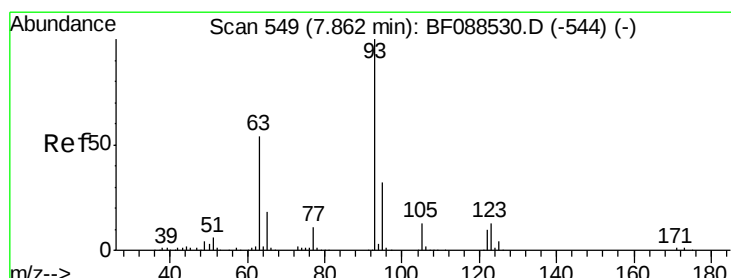
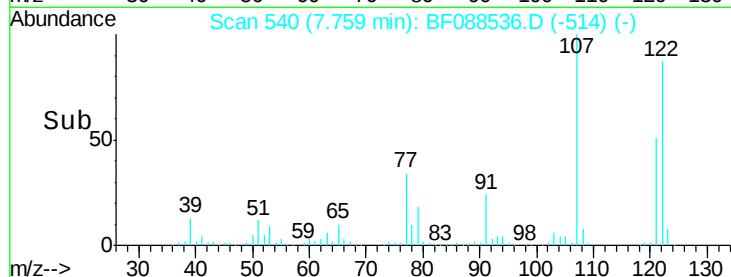
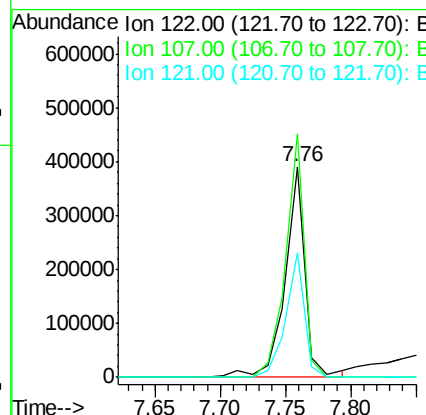
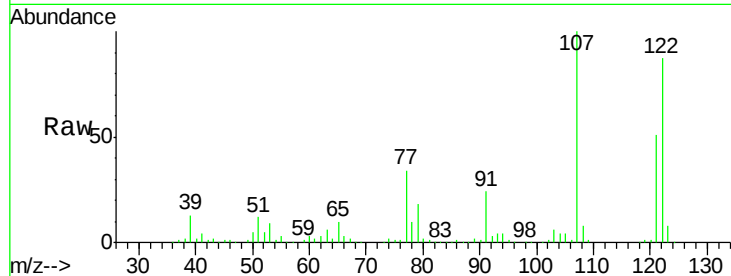
#27
2,4-Dimethylphenol
Concen: 40.59 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.4	82.4	123.6
121	58.8	46.3	69.5

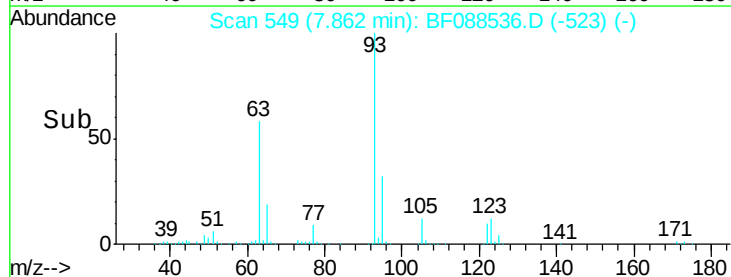
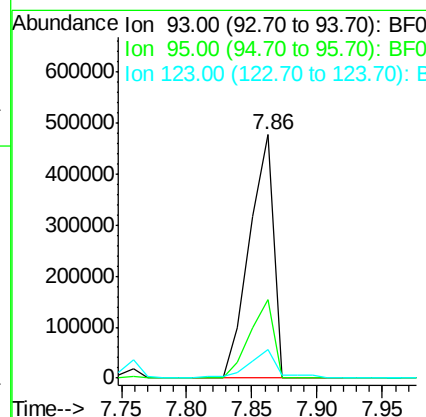
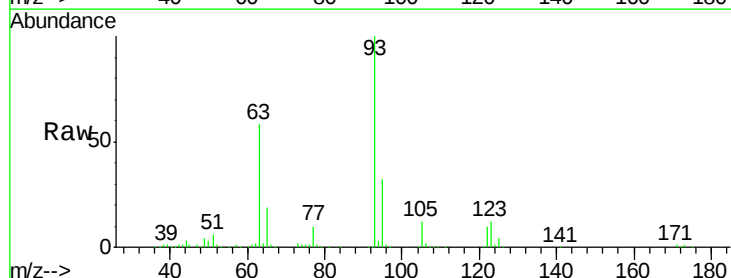
Manual Integrations

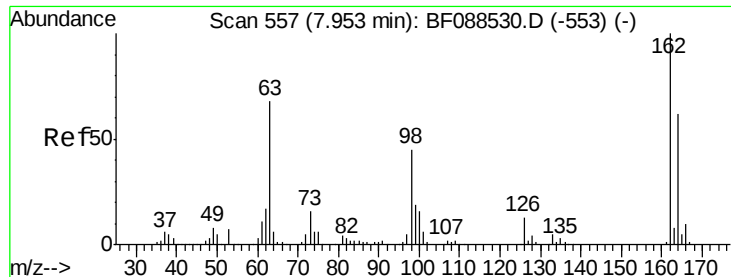
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#28
bis(2-Chloroethoxy)methane
Concen: 42.25 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	11.8	11.6	17.4





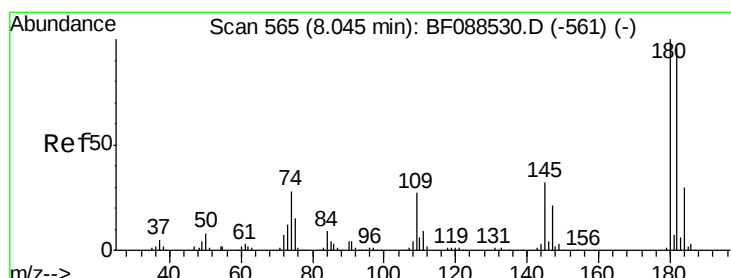
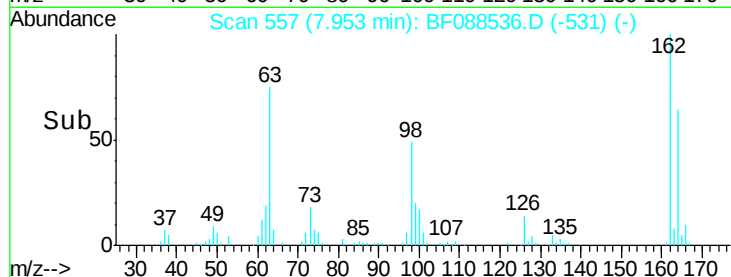
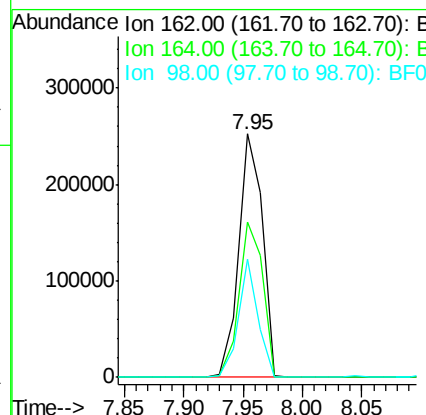
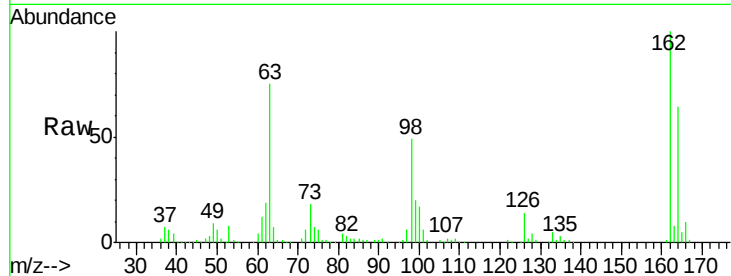
#29
2,4-Dichlorophenol
Concen: 41.57 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	349975		
164	63.7	43.8	83.8	
98	48.6	21.3	61.3	

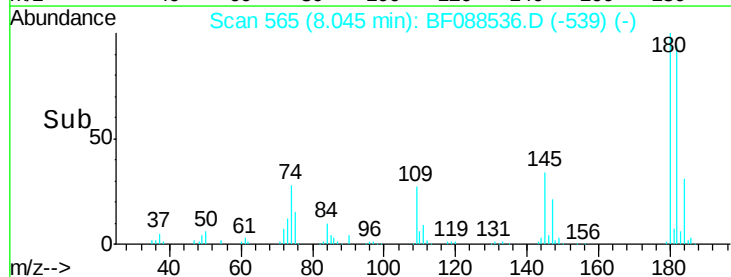
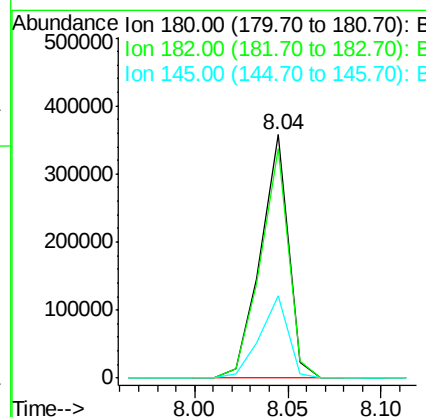
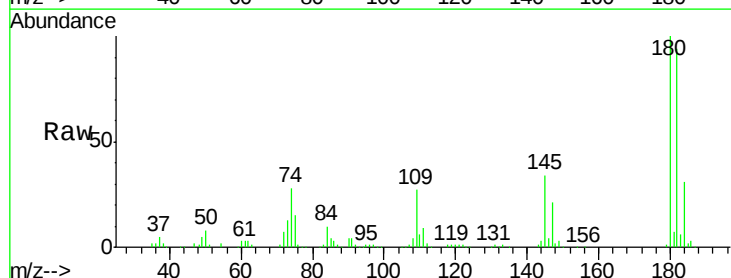
Manual Integrations

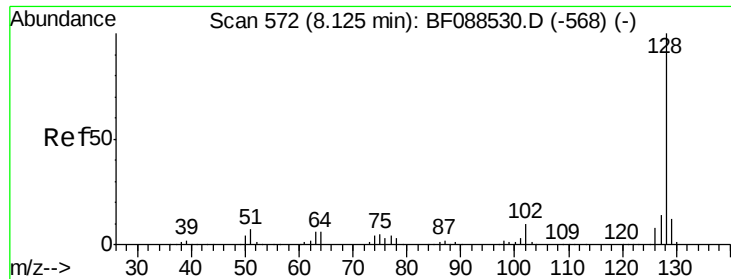
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#30
1,2,4-Trichlorobenzene
Concen: 40.16 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371053		
182	94.4	76.0	114.0	
145	33.7	26.5	39.7	





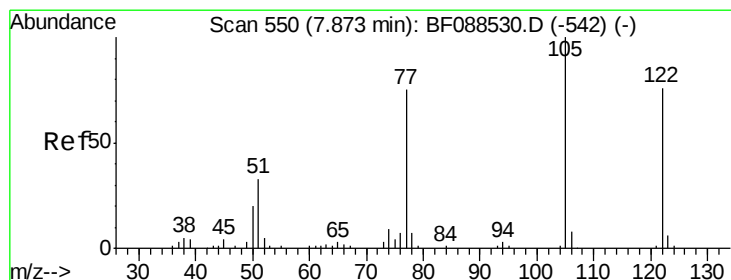
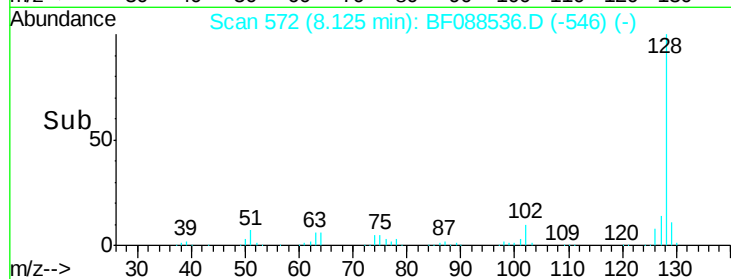
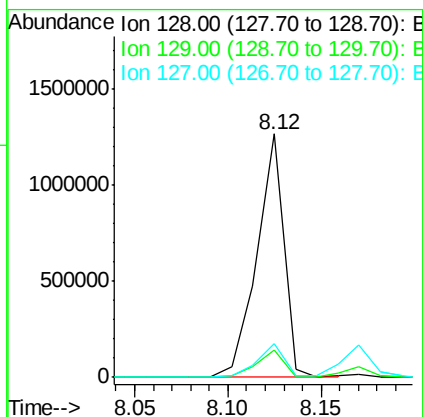
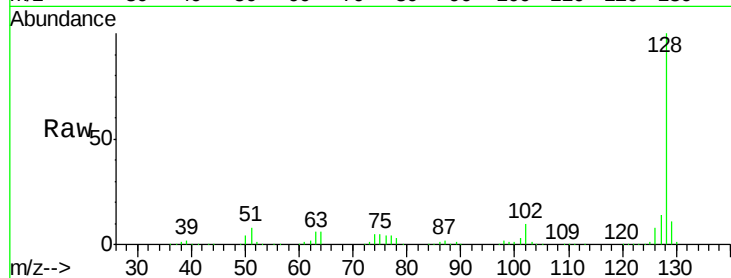
#31
Naphthalene
Concen: 40.54 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion:128 Resp: 1267074
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 10.9 16.3

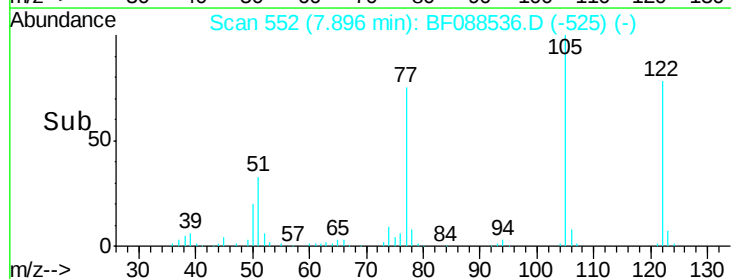
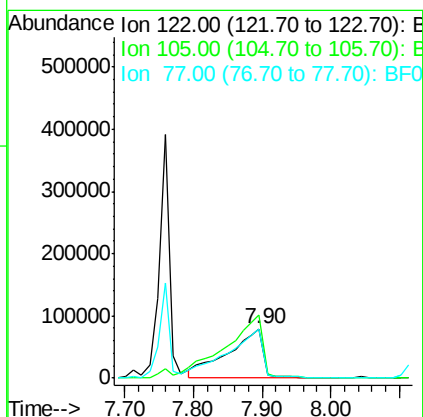
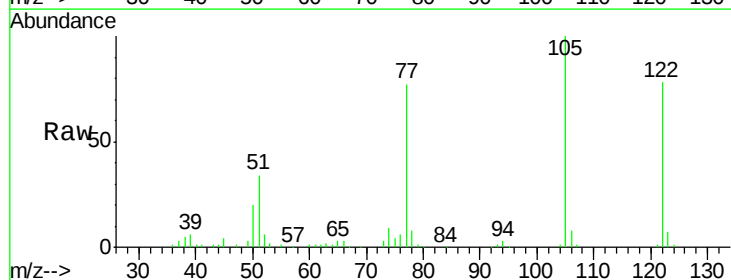
Manual Integrations

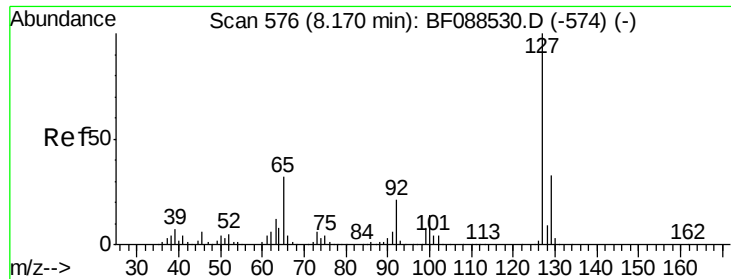
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#32
Benzoic acid
Concen: 37.18 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion:122 Resp: 281207
Ion Ratio Lower Upper
122 100
105 129.0 101.6 141.6
77 99.4 70.6 110.6





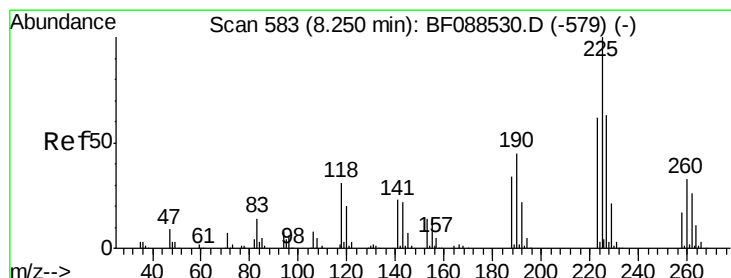
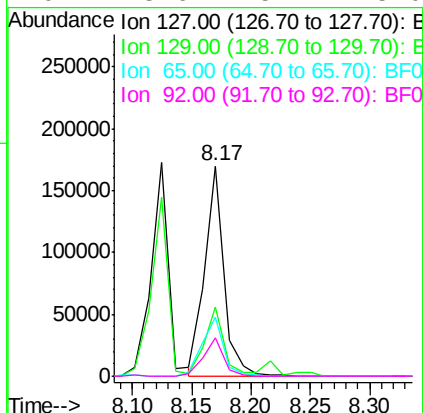
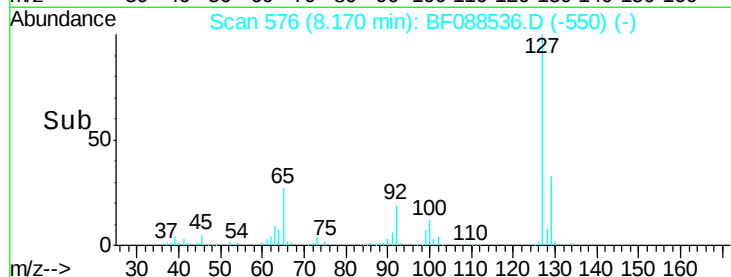
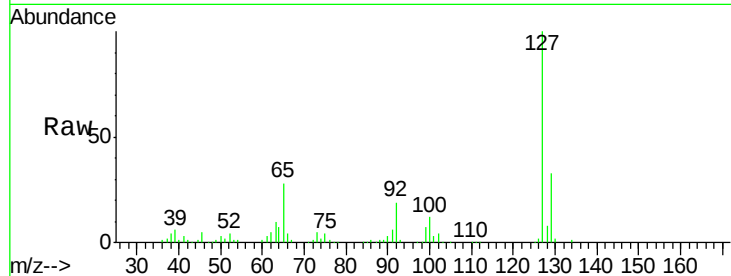
#33
4-Chloroaniline
Concen: 13.94 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	193895		
129	32.7	26.3	39.5	
65	28.0	24.7	37.1	
92	18.6	15.4	23.0	

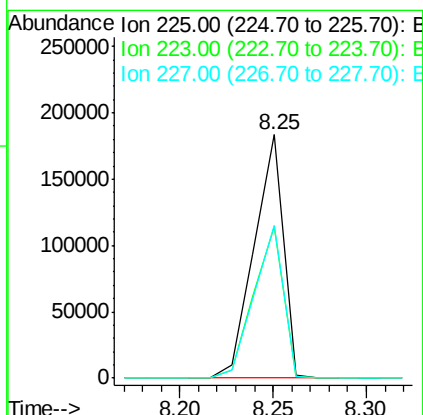
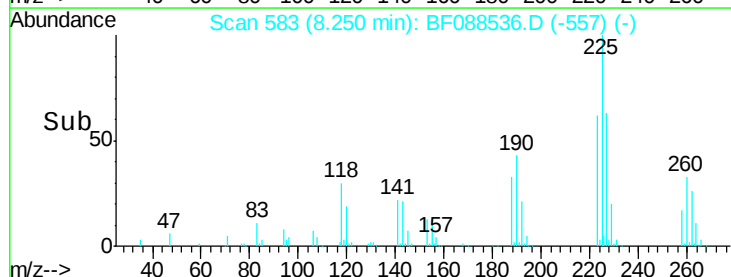
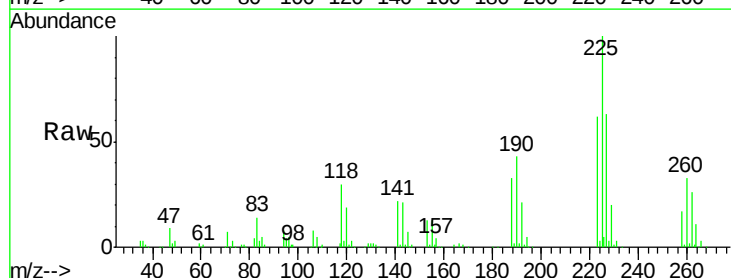
Manual Integrations

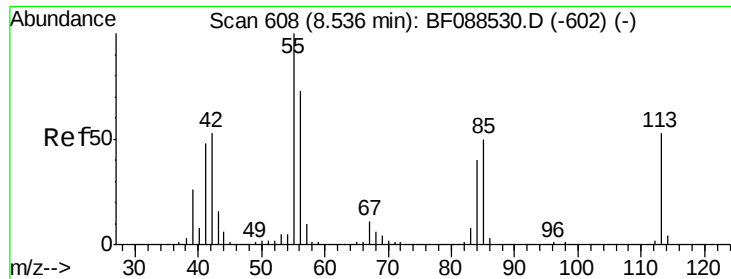
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#34
Hexachlorobutadiene
Concen: 40.01 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197924		
223	62.1	50.9	76.3	
227	62.6	51.9	77.9	





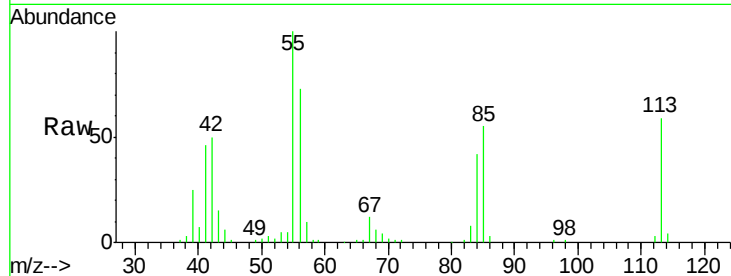
#35
Caprolactam
Concen: 46.92 ng m
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

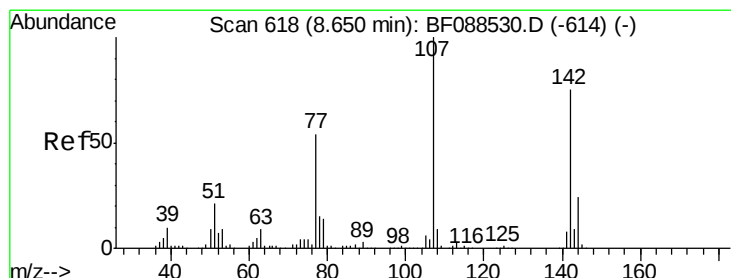
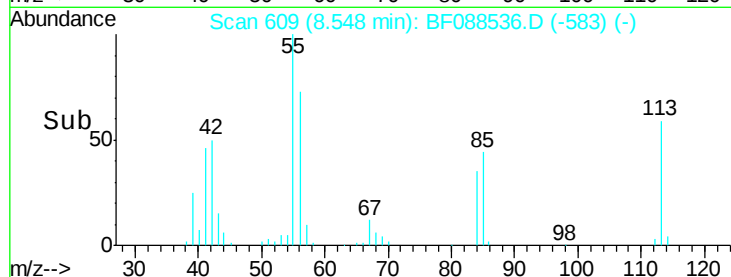
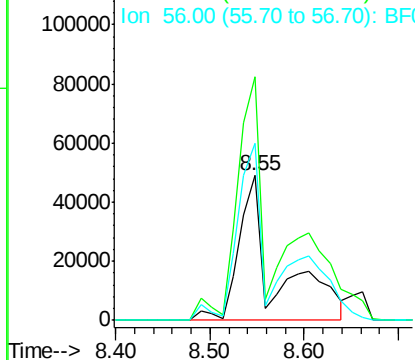
Tgt Ion:113 Resp: 134161
Ion Ratio Lower Upper
113 100
55 168.1 158.6 198.6
56 121.9 110.6 150.6

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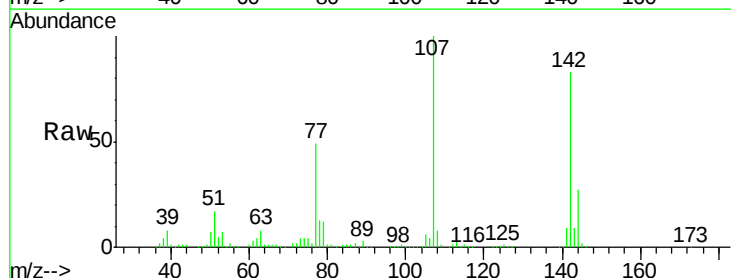


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

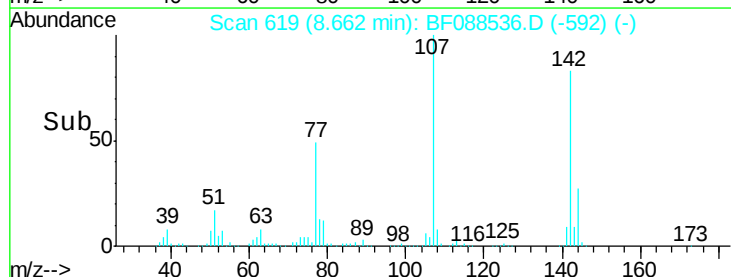
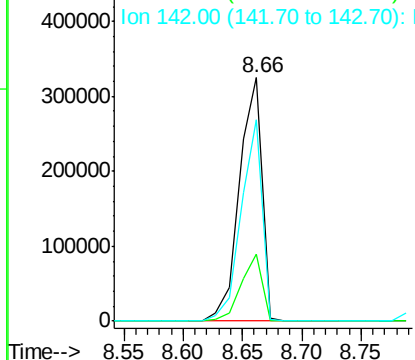


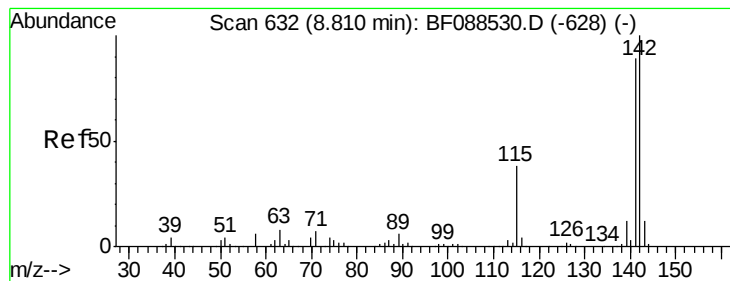
#36
4-Chloro-3-methylphenol
Concen: 43.36 ng
RT: 8.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion:107 Resp: 431657
Ion Ratio Lower Upper
107 100
144 27.5 20.8 31.2
142 82.6 63.4 95.2



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: 38.26 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF088536.D

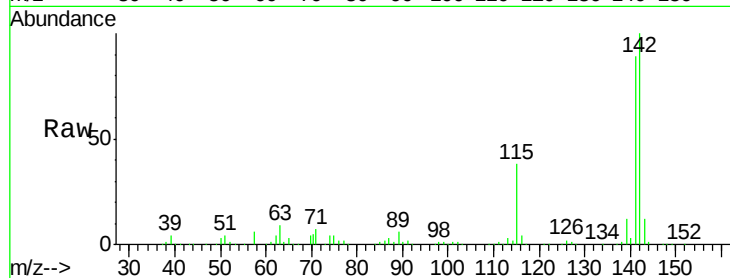
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion:142 Resp: 769953

Ion Ratio Lower Upper

142 100

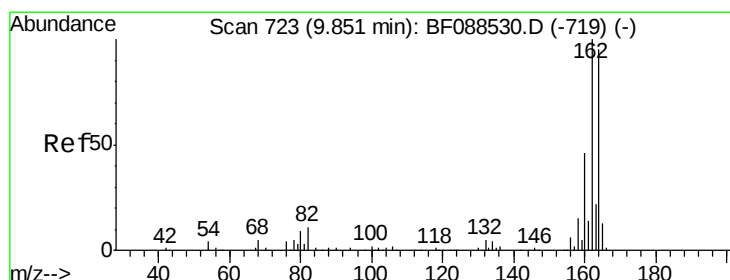
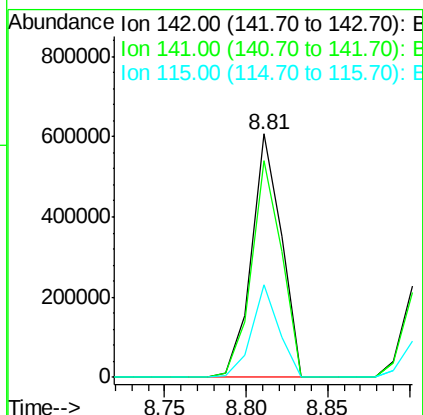
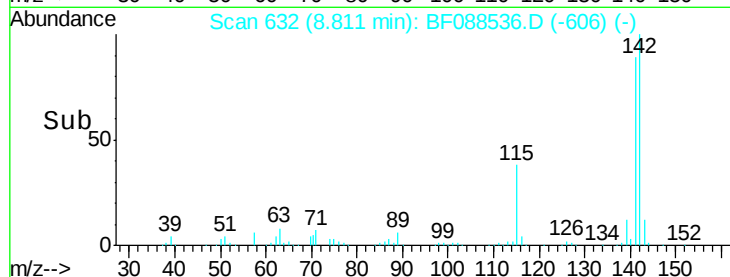
141 88.9 71.0 106.6

115 38.2 22.6 33.8#

Manual Integrations

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

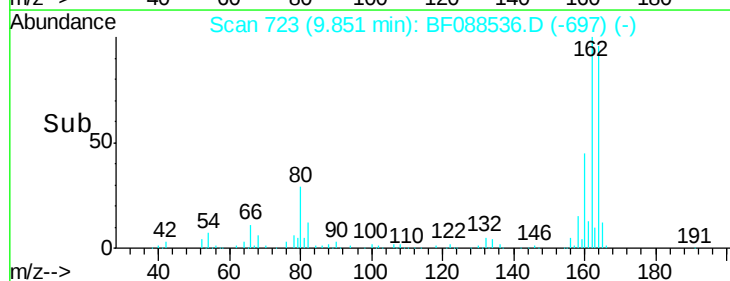
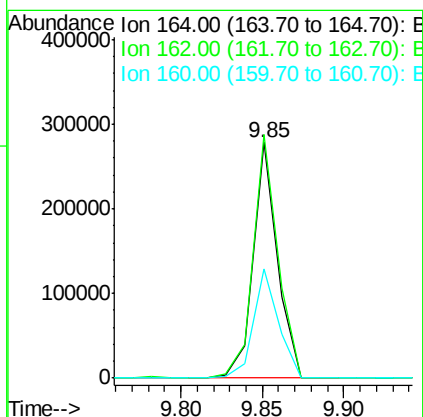
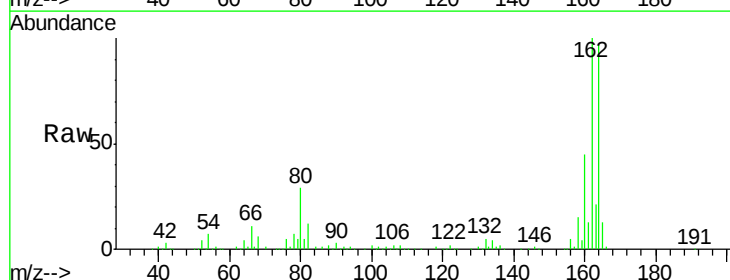
Tgt Ion:164 Resp: 286086

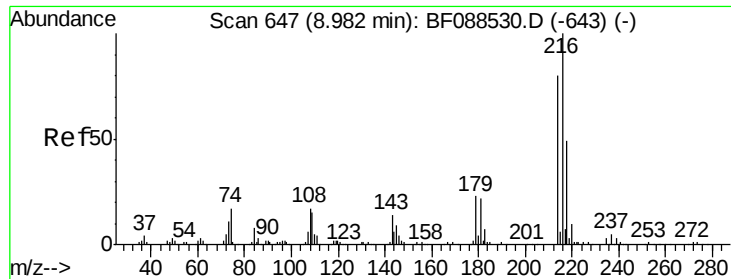
Ion Ratio Lower Upper

164 100

162 103.3 85.4 128.2

160 46.5 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.89 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088536.D

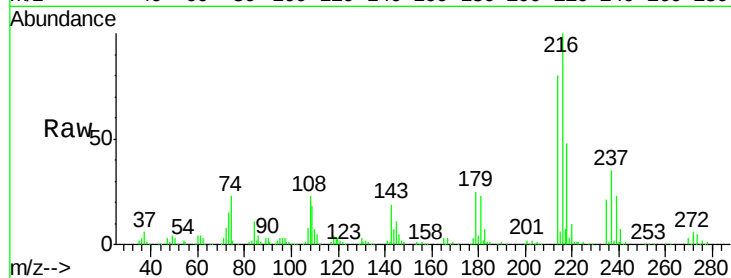
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion: 216 Resp: 312960

Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

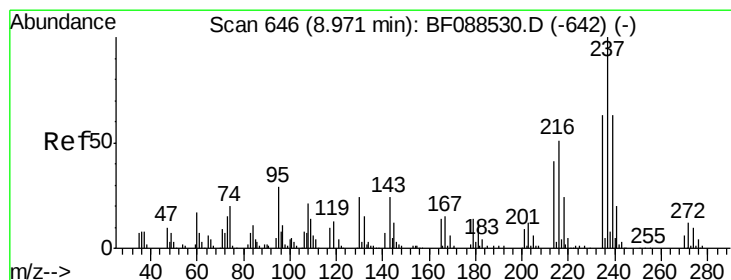
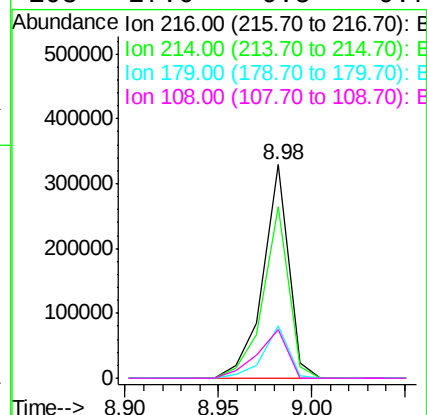
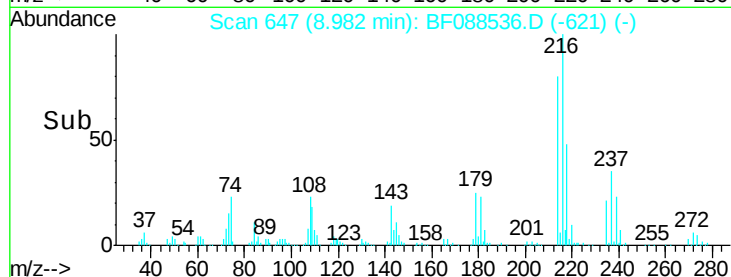
179 24.3 0.0 0.0#

108 27.0 0.5 0.7#

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 73.65 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

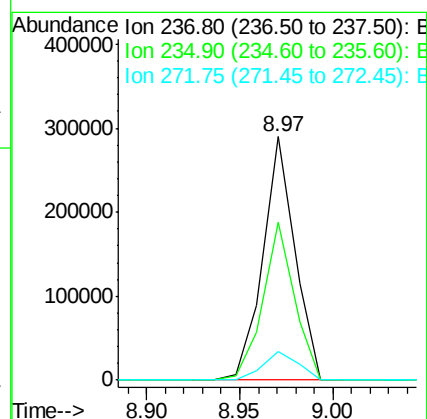
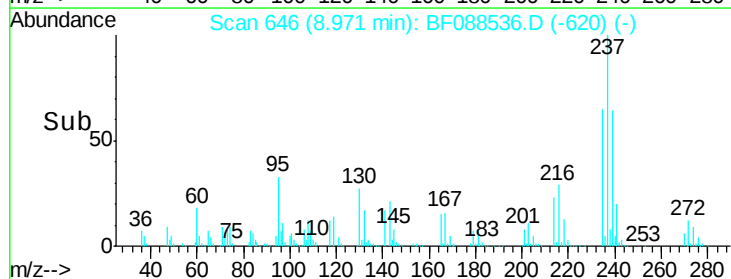
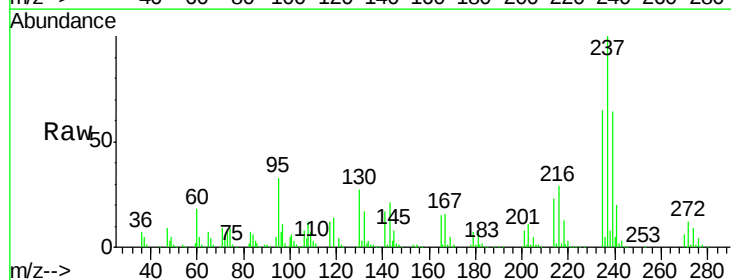
Tgt Ion: 237 Resp: 343967

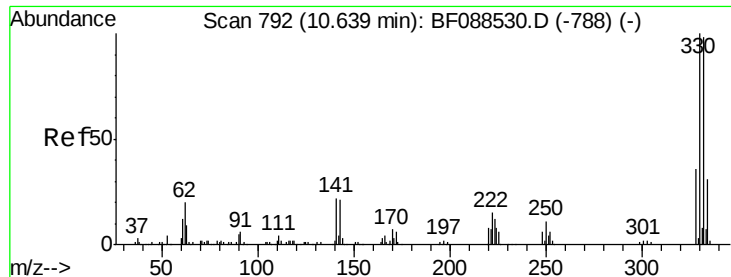
Ion Ratio Lower Upper

237 100

235 64.9 43.4 83.4

272 11.8 0.0 32.3





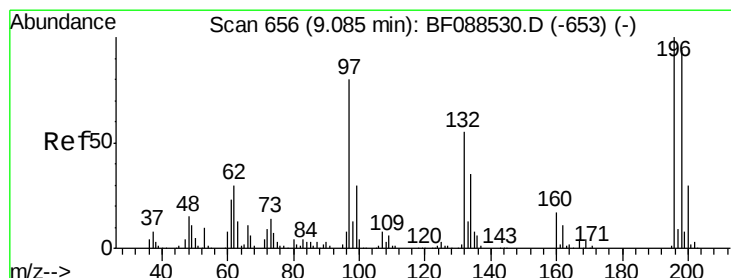
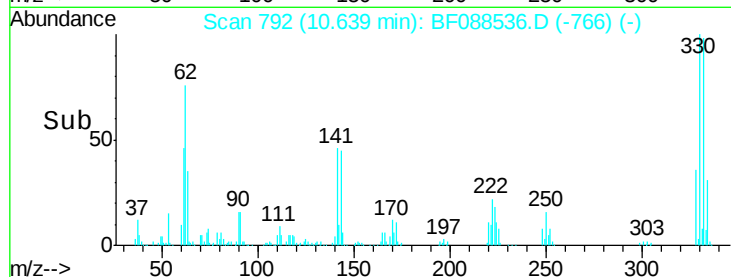
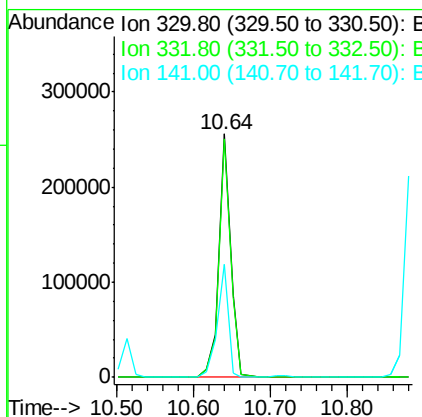
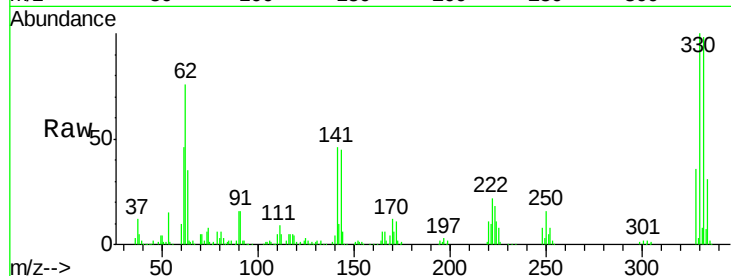
#41
 2,4,6-Tribromophenol
 Concen: 104.62 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	277940		
332	97.2	0.0	0.0	0.0
141	42.5	0.0	0.0	0.0

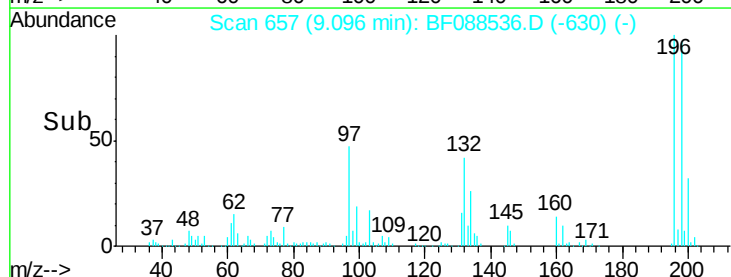
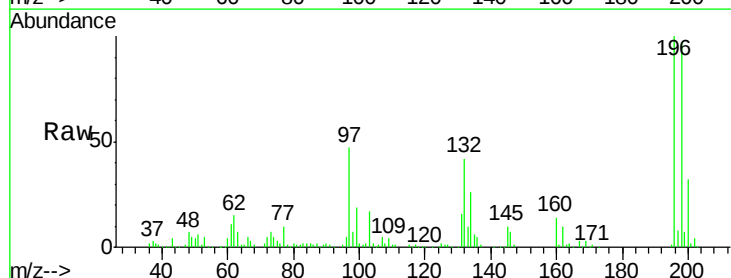
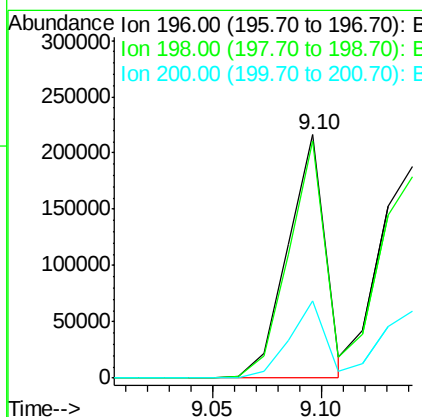
Manual Integrations

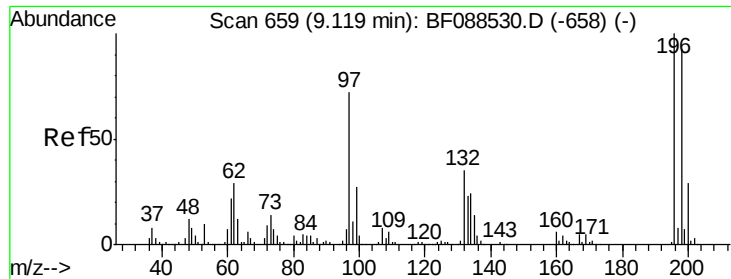
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#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258179		
198	97.5	78.0	117.0	
200	31.7	25.4	38.2	





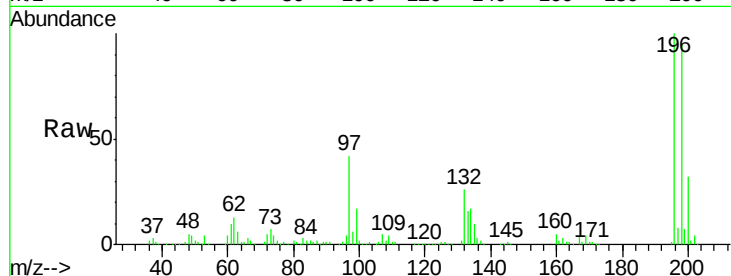
#43
 2,4,5-Trichlorophenol
 Concen: 49.52 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.02 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

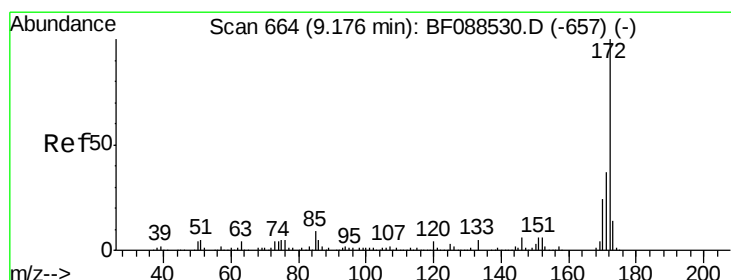
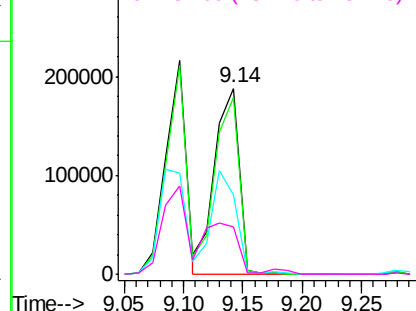
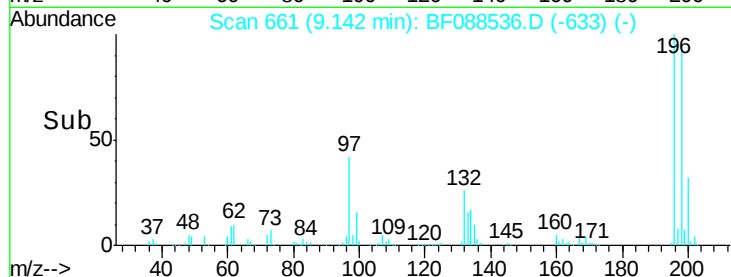
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267314		
198	94.9	77.5	116.3	
97	42.5	32.0	48.0	
132	25.6	20.9	31.3	

Manual Integrations

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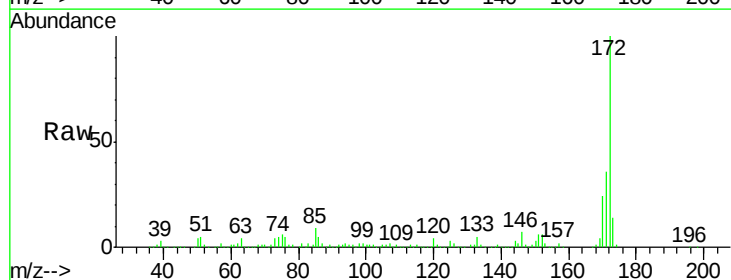


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

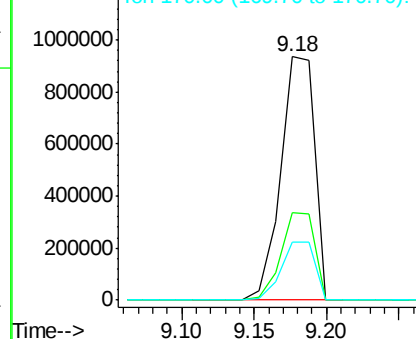
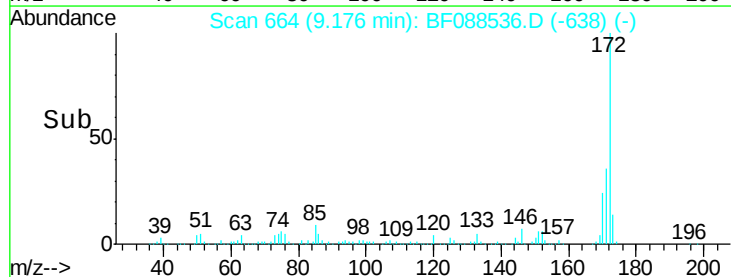


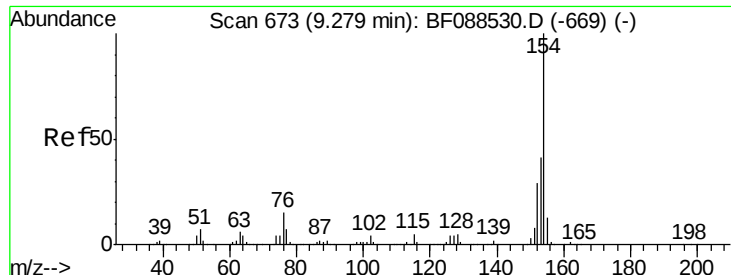
#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1506628		
171	36.1	28.6	43.0	
170	23.9	19.2	28.8	



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: 36.80 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:154 Resp: 871838

Ion Ratio Lower Upper

154 100

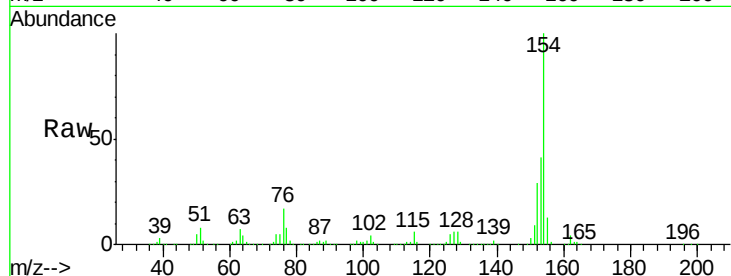
153 41.3 20.6 60.6

76 17.0 0.0 35.1

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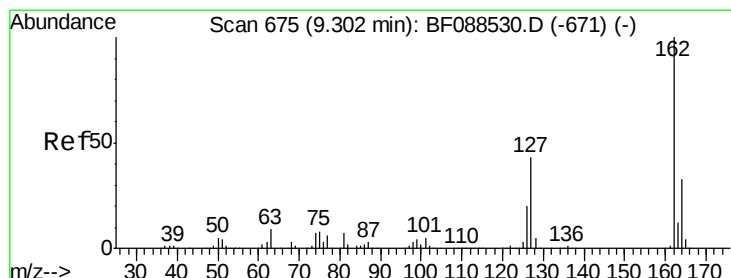
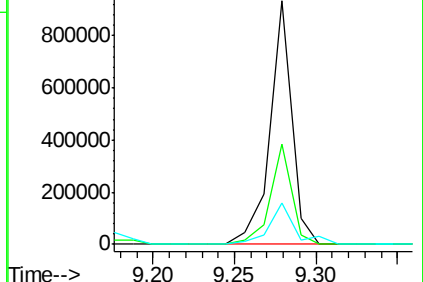
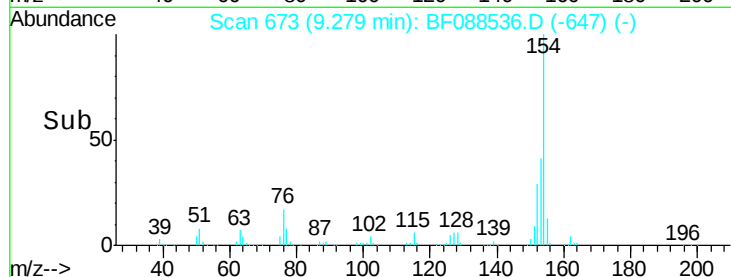
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.67 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

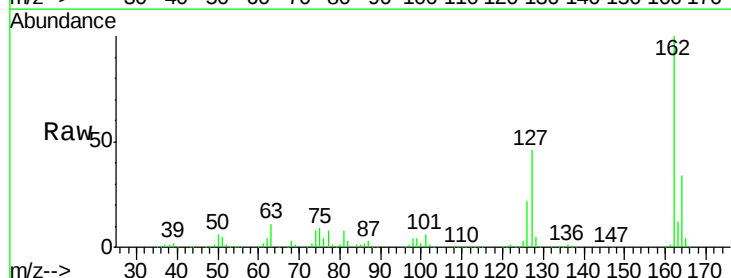
Tgt Ion:162 Resp: 719221

Ion Ratio Lower Upper

162 100

127 46.2 35.2 52.8

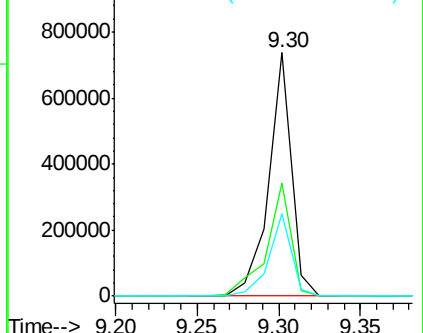
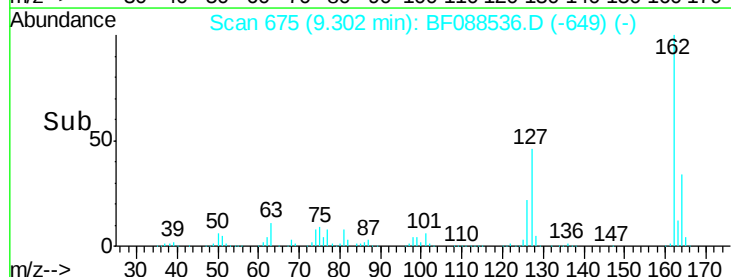
164 33.8 26.6 39.8

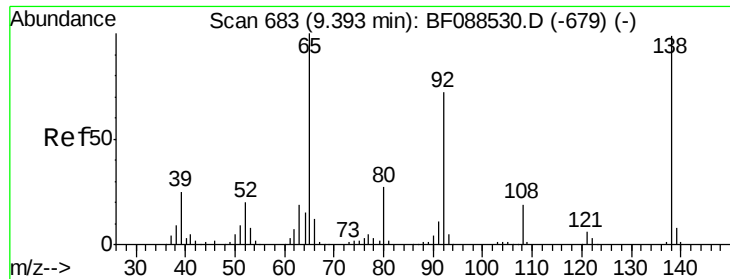


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





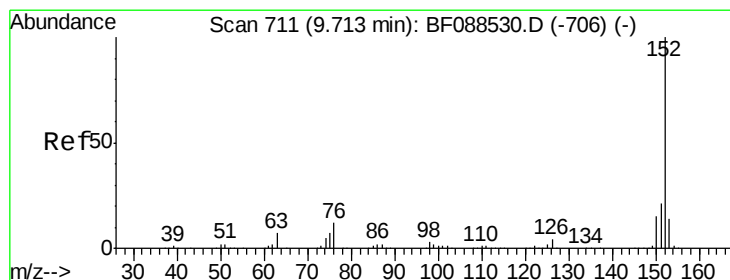
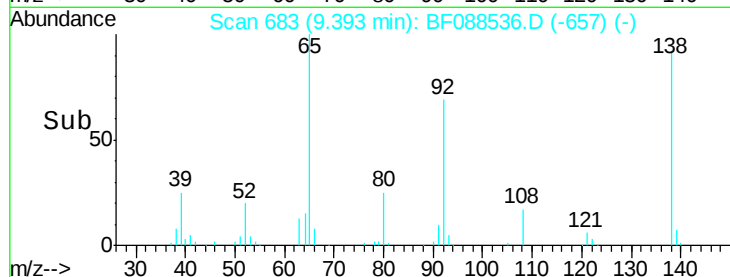
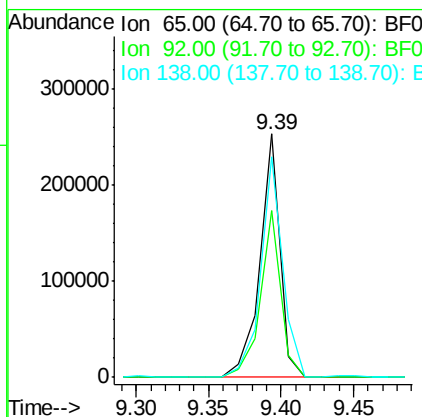
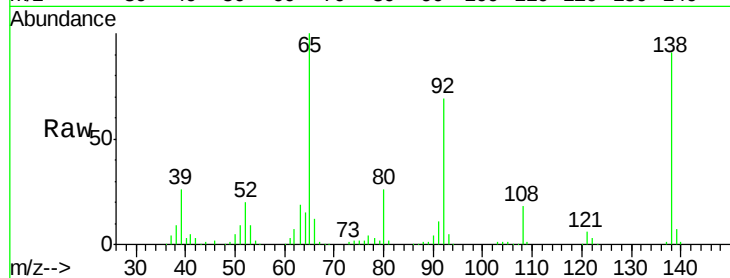
#47
2-Nitroaniline
Concen: 36.80 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion: 65 Resp: 242868
Ion Ratio Lower Upper
65 100
92 68.6 54.6 82.0
138 90.7 77.0 115.4

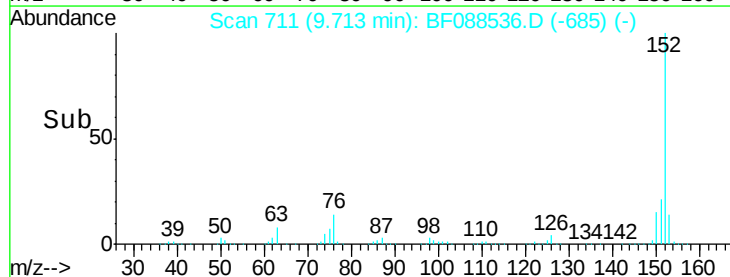
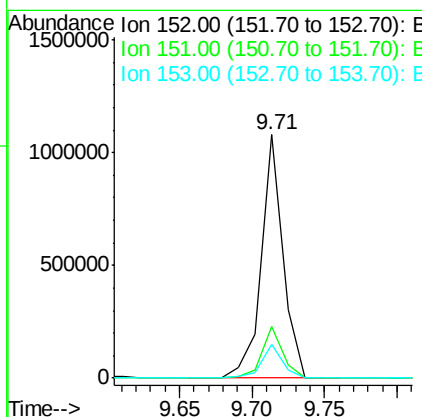
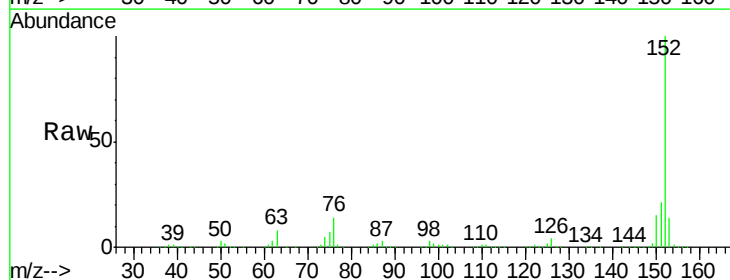
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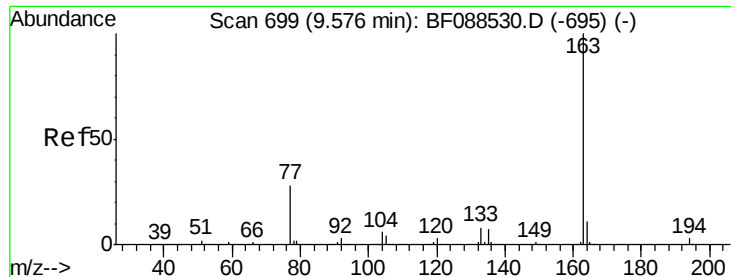
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#48
Acenaphthylene
Concen: 37.57 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion: 152 Resp: 1111700
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 13.9 11.0 16.6





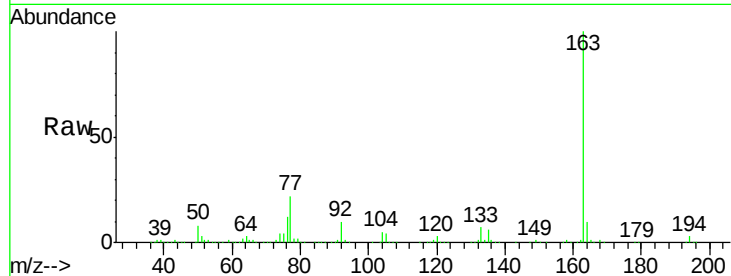
#49
Dimethylphthalate
Concen: 45.33 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

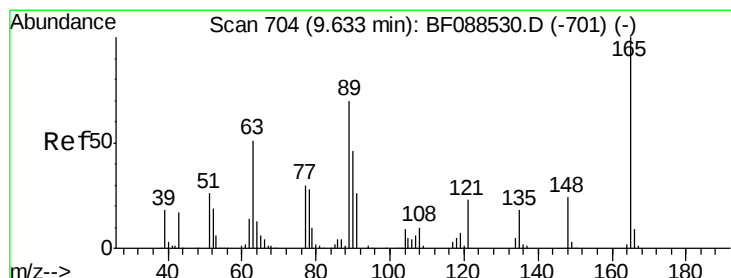
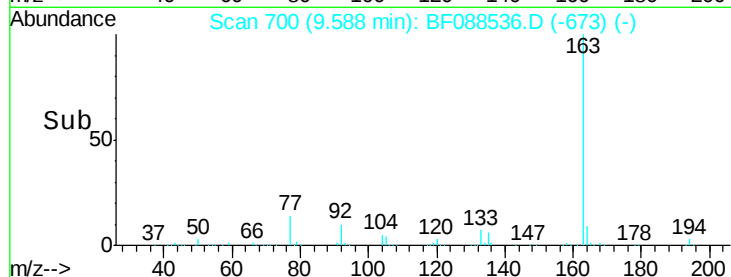
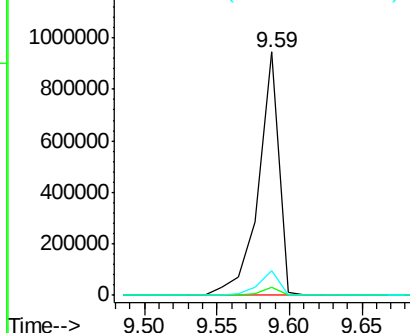
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	923866		
194	3.5	2.8	4.2	
164	10.4	8.3	12.5	

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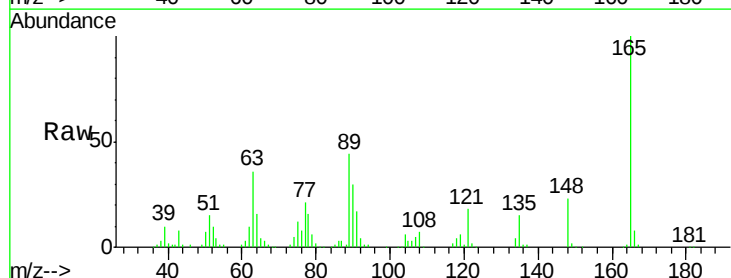


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

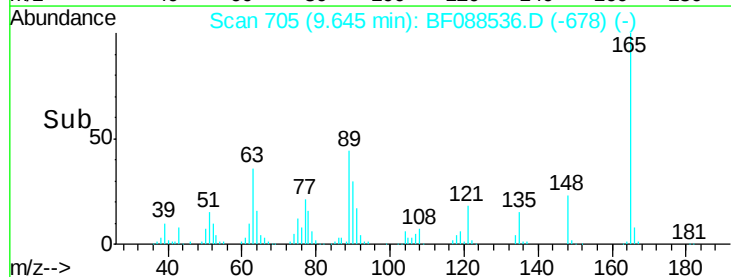
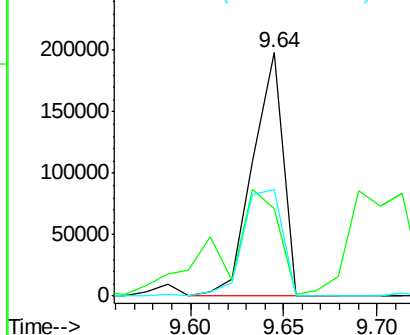


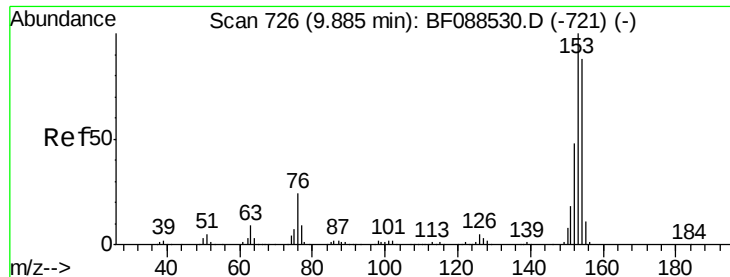
#50
2,6-Dinitrotoluene
Concen: 49.50 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	223585		
63	36.1	28.1	42.1	
89	43.8	32.2	48.2	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.91 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088536.D

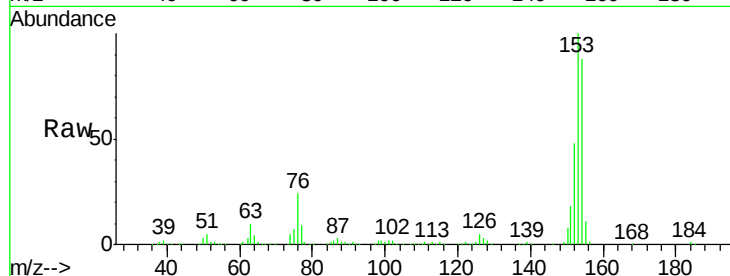
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion:154 Resp: 742064

Ion Ratio Lower Upper

154 100

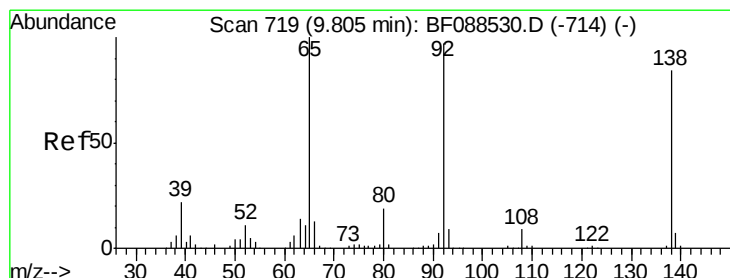
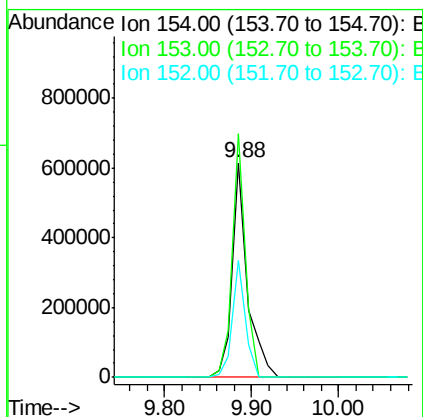
153 113.7 89.5 134.3

152 54.3 42.7 64.1

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#52

3-Nitroaniline

Concen: 22.51 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

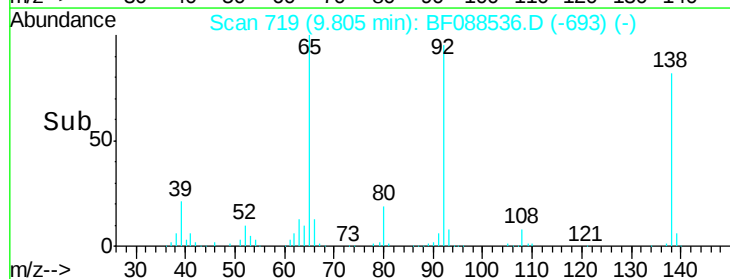
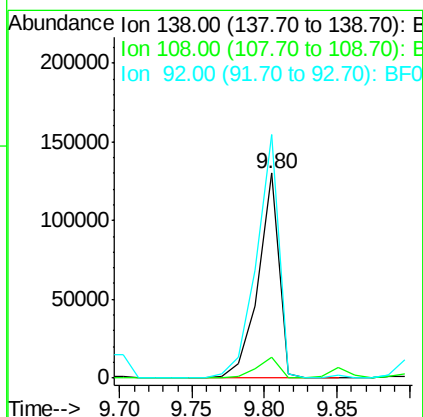
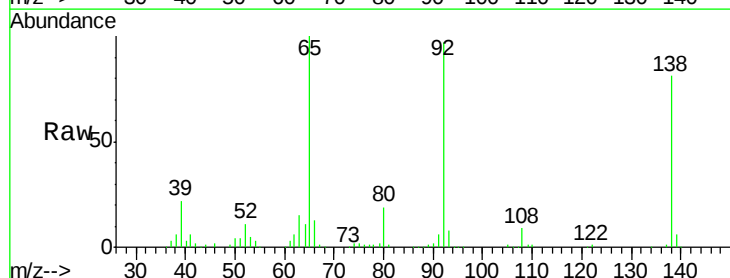
Tgt Ion:138 Resp: 129260

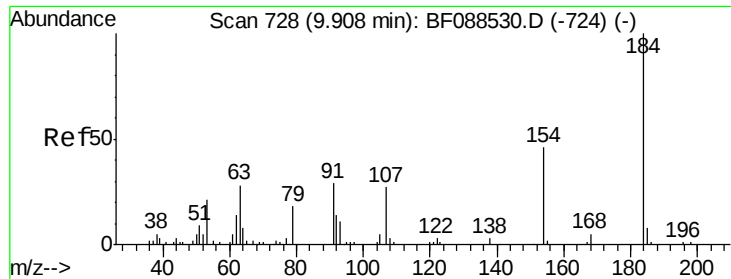
Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

92 118.7 95.7 143.5





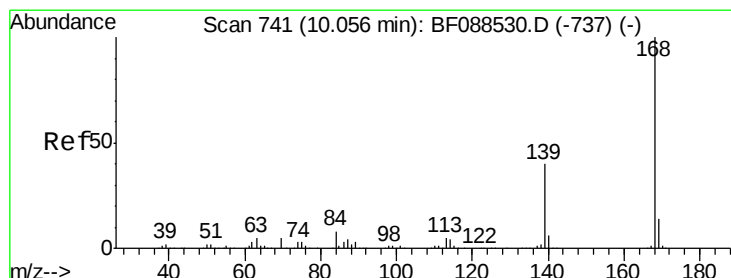
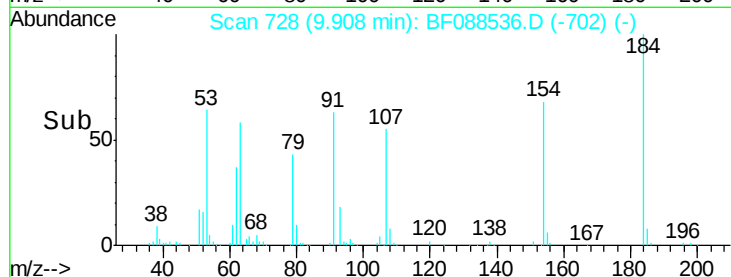
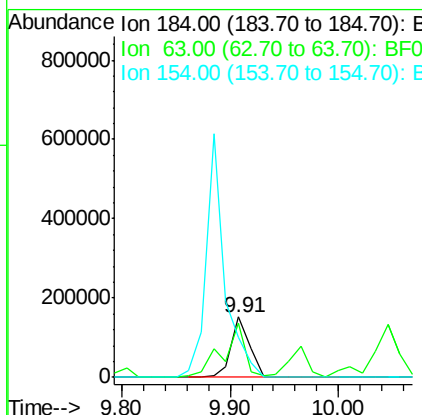
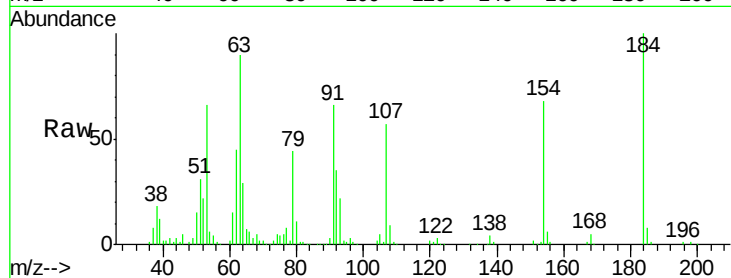
#53
2,4-Dinitrophenol
Concen: 89.27 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion:184 Resp: 178047
Ion Ratio Lower Upper
184 100
63 90.2 57.6 86.4#
154 67.8 53.5 80.3

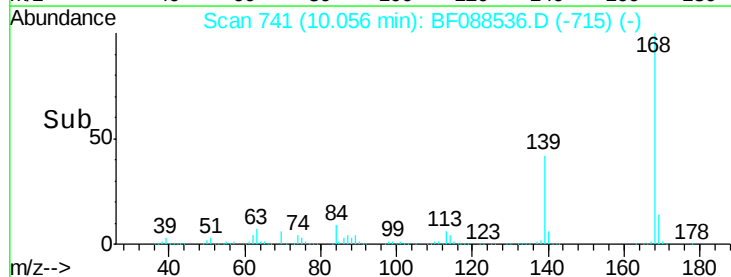
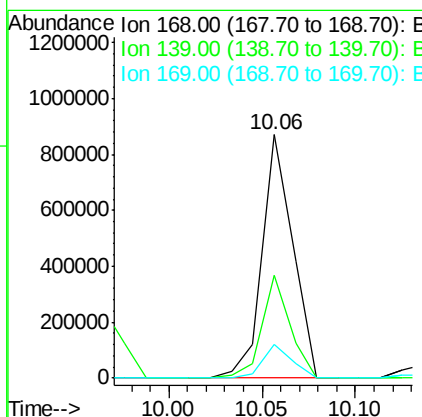
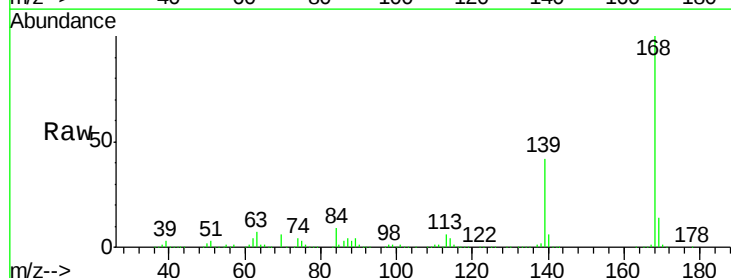
Manual Integrations

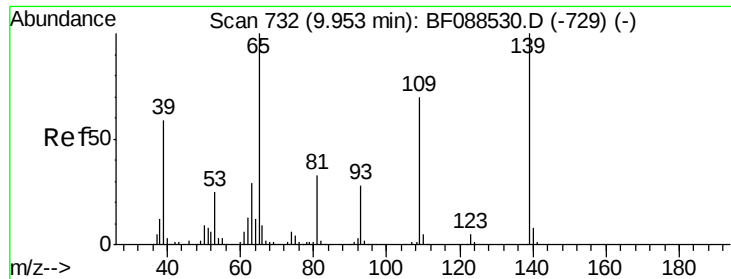
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#54
Dibenzofuran
Concen: 41.40 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion:168 Resp: 982928
Ion Ratio Lower Upper
168 100
139 42.3 26.4 39.6#
169 13.8 10.4 15.6





#55

4-Nitrophenol

Concen: 79.89 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

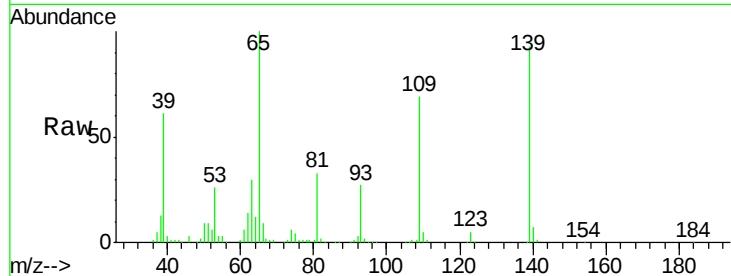
ClientSampleId :

PB91573BS

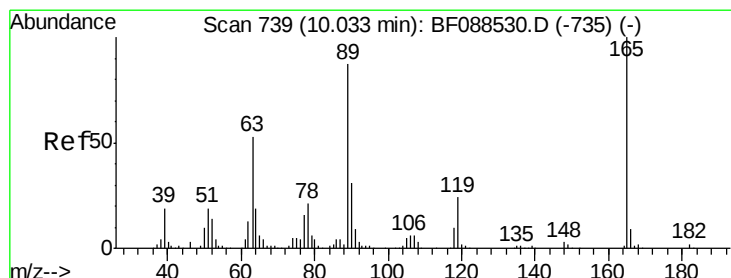
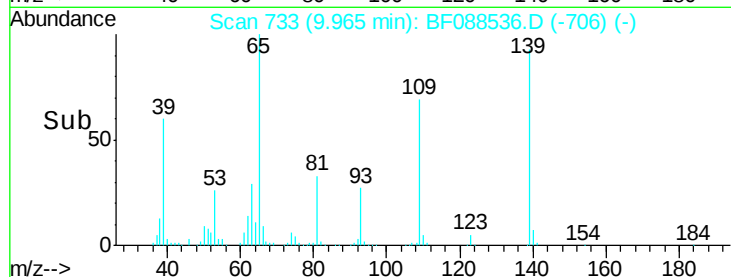
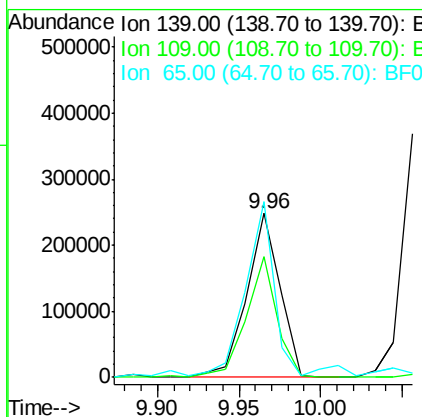
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Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	48.9	88.9
65	107.1	84.9	124.9



#56

2,4-Dinitrotoluene

Concen: 49.90 ng

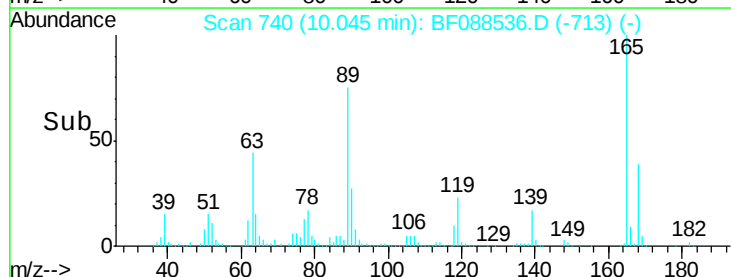
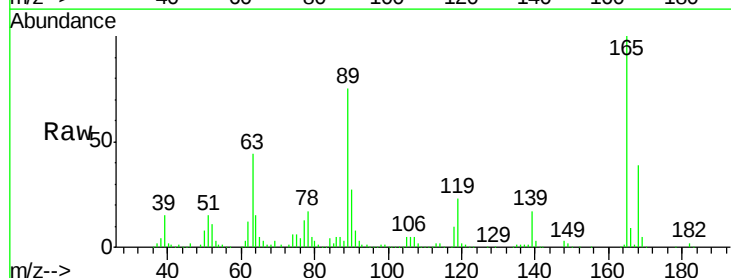
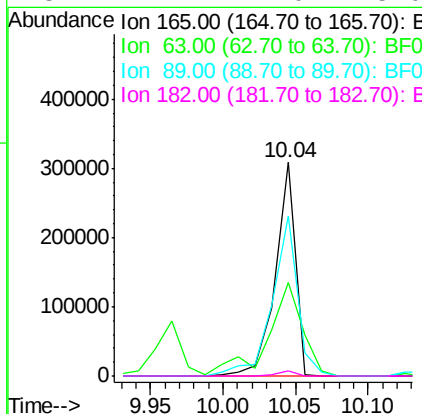
RT: 10.04 min Scan# 740

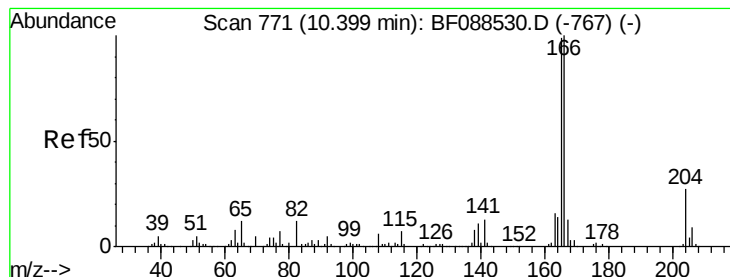
Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.7	22.0	33.0#
89	74.9	41.1	61.7#
182	2.4	2.0	3.0





#57

Fluorene

Concen: 37.04 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088536.D

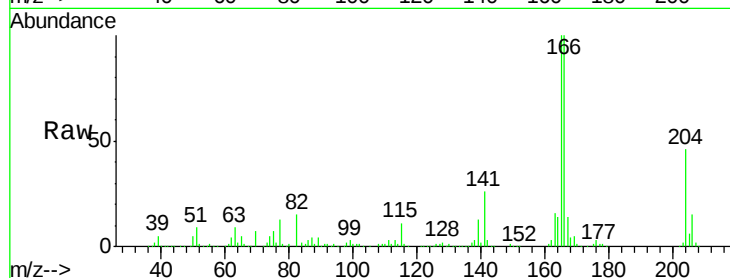
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion:166 Resp: 677617

Ion Ratio Lower Upper

166 100

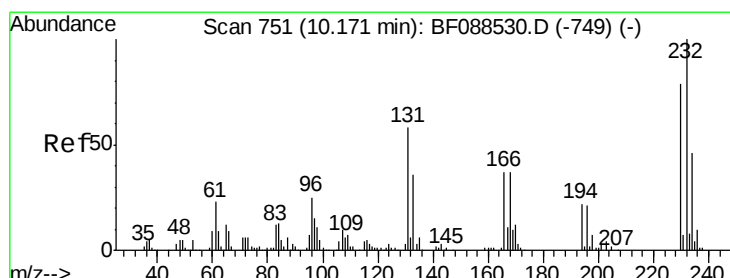
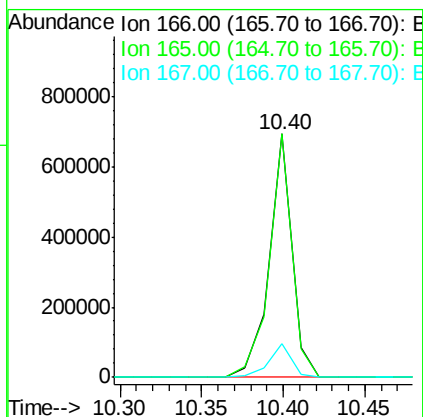
165 99.9 77.8 116.8

167 13.9 11.2 16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.24 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion:232 Resp: 188924

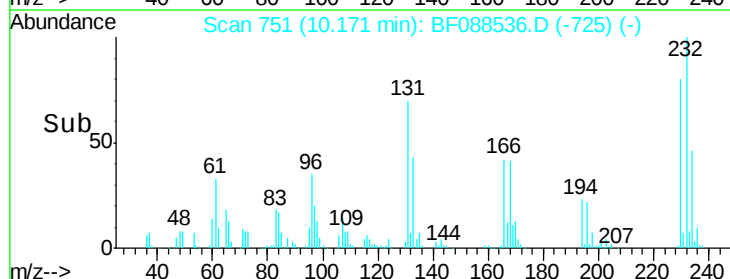
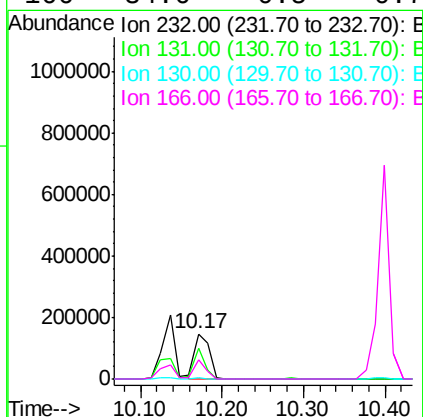
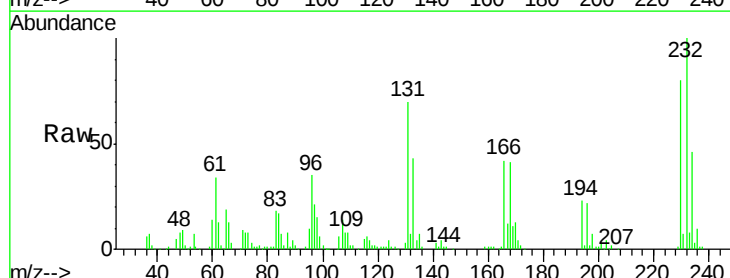
Ion Ratio Lower Upper

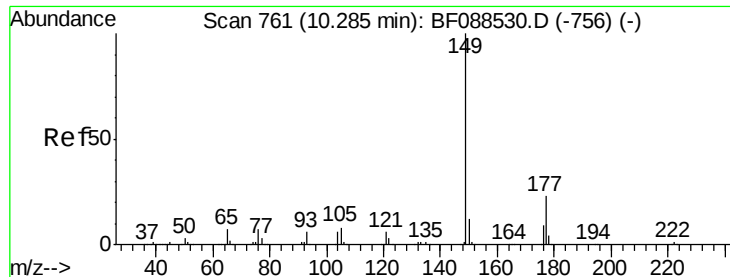
232 100

131 53.2 0.9 1.3#

130 2.6 1.5 2.3#

166 34.6 0.5 0.7#





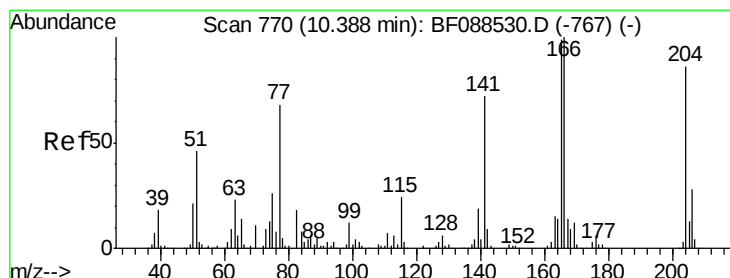
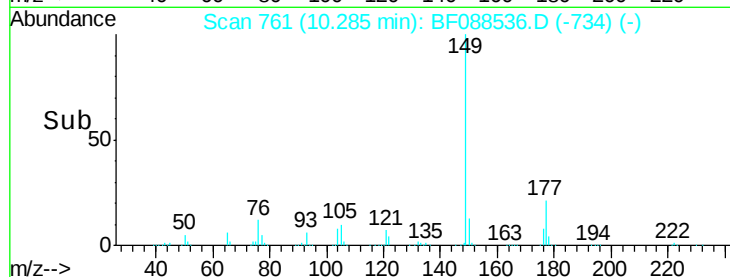
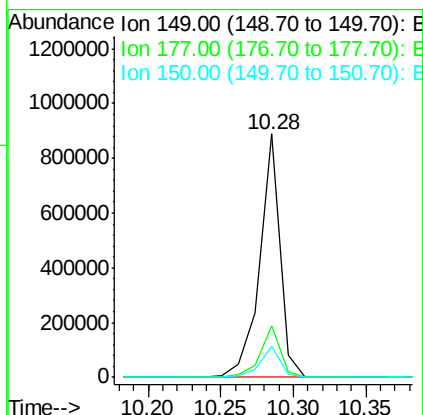
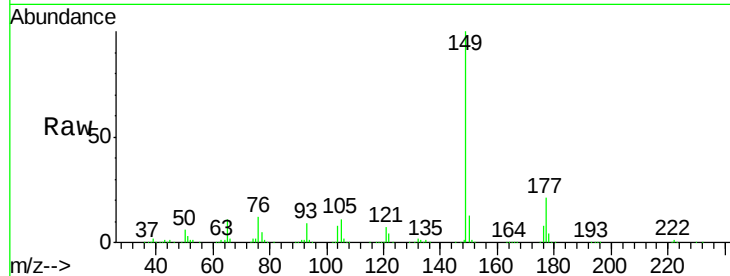
#59
Diethylphthalate
Concen: 42.31 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.9	25.3
150	12.9	10.1	15.1

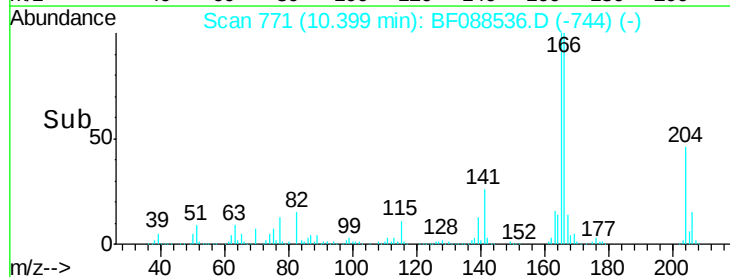
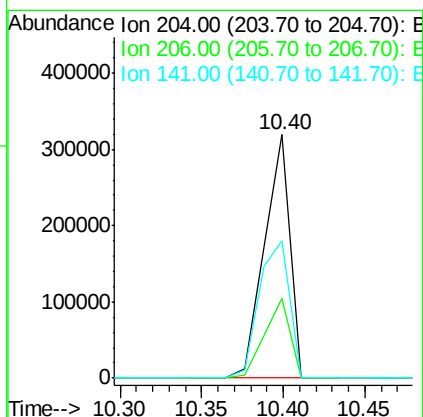
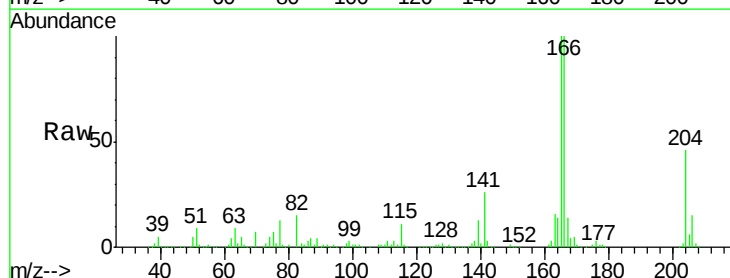
Manual Integrations

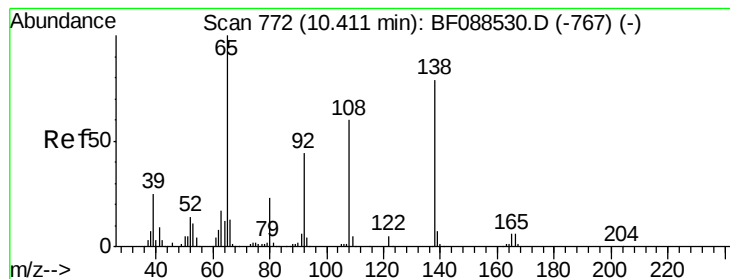
APPROVED
SOHIL
7/1/2016 8:04:51 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.80 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	56.3	55.0	82.6





#61

4-Nitroaniline

Concen: 38.67 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF088536.D

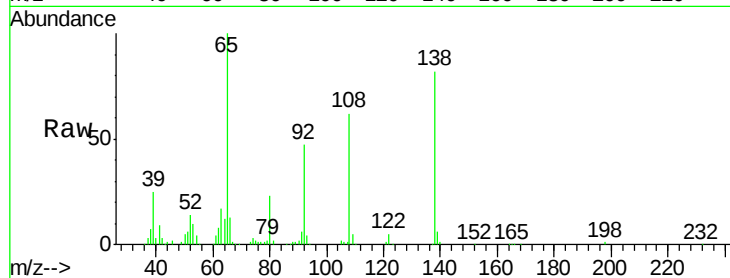
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion: 138 Resp: 213663

Ion Ratio Lower Upper

138 100

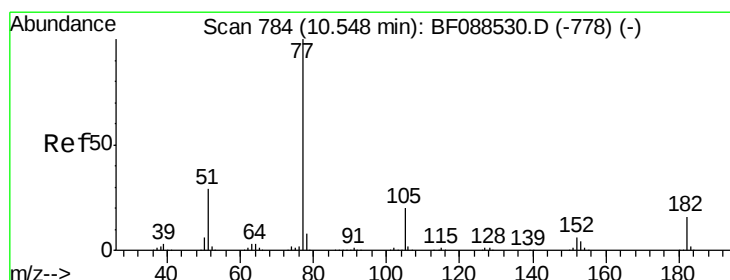
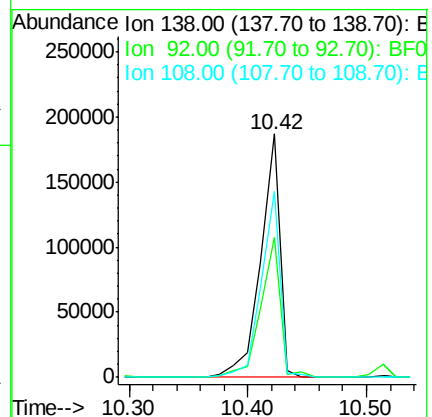
92 57.5 27.3 67.3

108 76.2 46.7 86.7

Manual Integrations

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#62

Azobenzene

Concen: 45.33 ng

RT: 10.55 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion: 77 Resp: 1057555

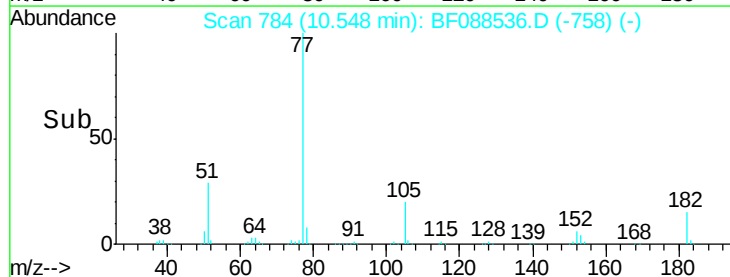
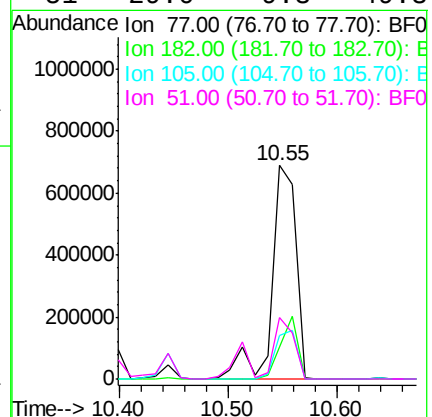
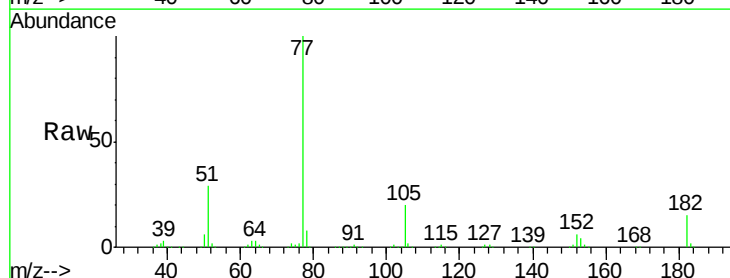
Ion Ratio Lower Upper

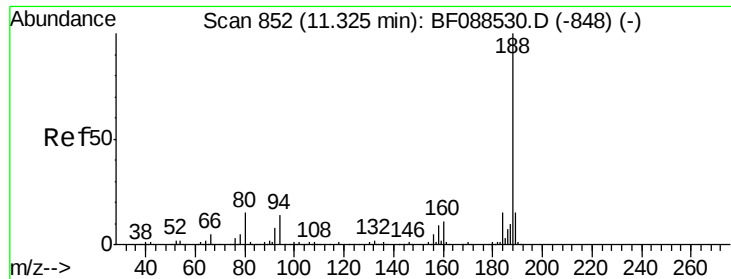
77 100

182 14.9 4.4 44.4

105 20.2 3.8 43.8

51 29.0 9.3 49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:188 Resp: 548739

Ion Ratio Lower Upper

188 100

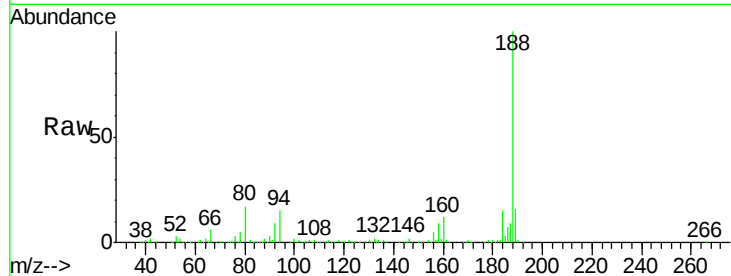
94 15.3 9.0 13.6#

80 17.5 10.0 15.0#

Manual Integrations

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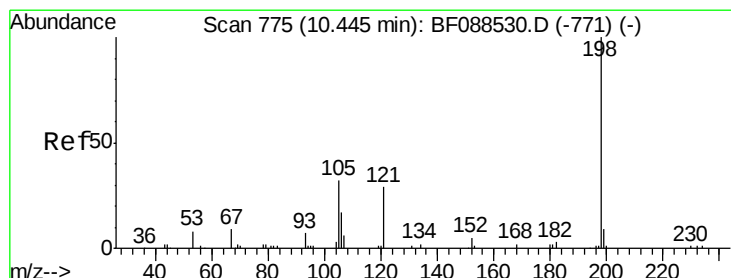
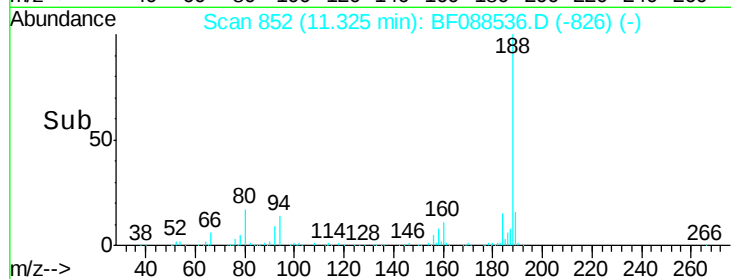
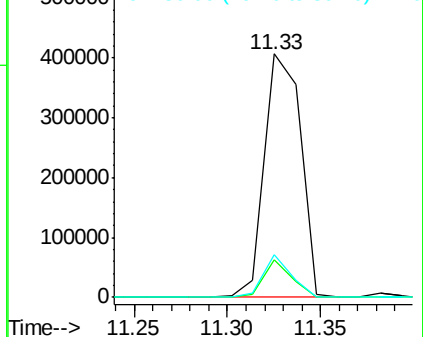
7/1/2016 8:04:51 AM



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: 39.97 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

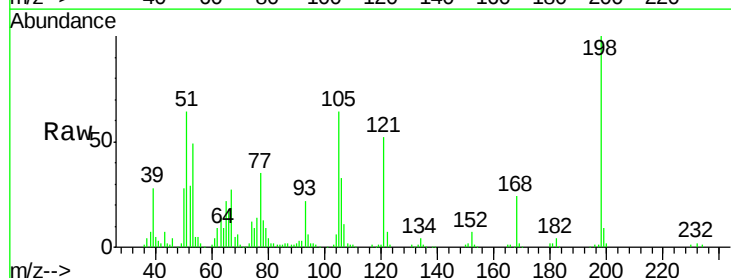
Tgt Ion:198 Resp: 117324

Ion Ratio Lower Upper

198 100

51 64.0 39.6 79.6

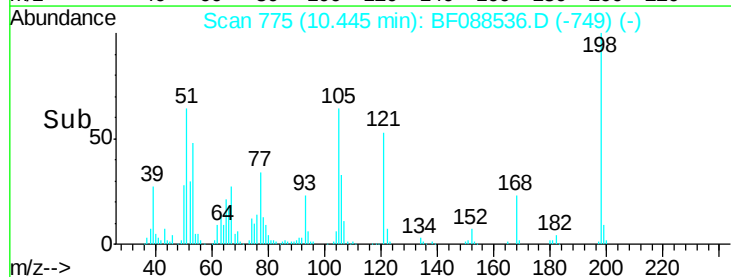
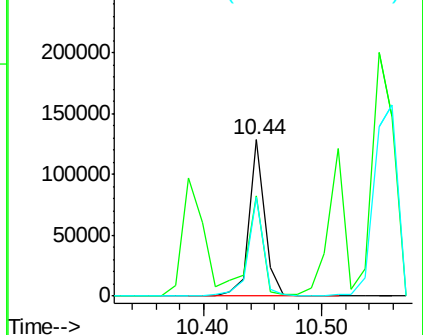
105 63.6 36.6 76.6

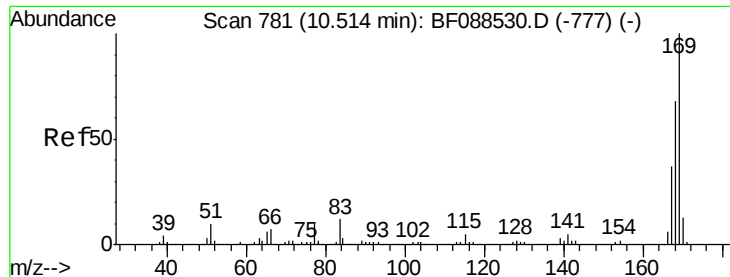


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

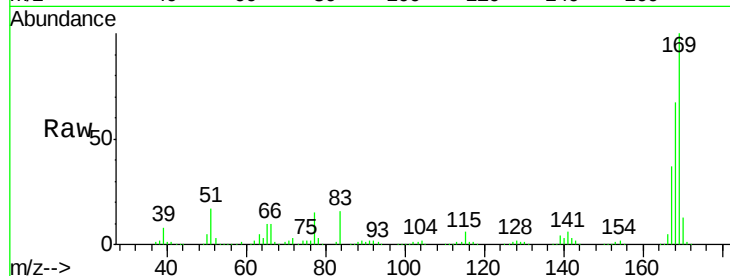
Ion 105.00 (104.70 to 105.70): E





#65
n-Nitrosodiphenylamine
Concen: 36.20 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

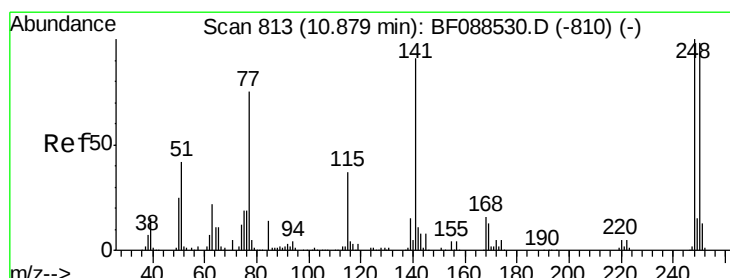
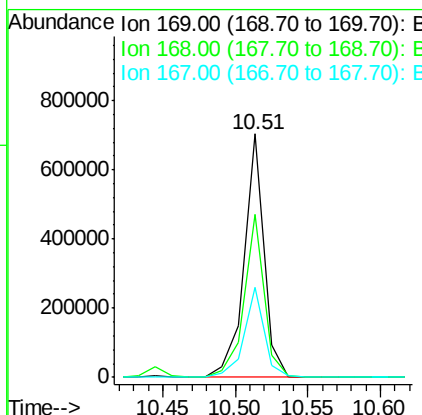
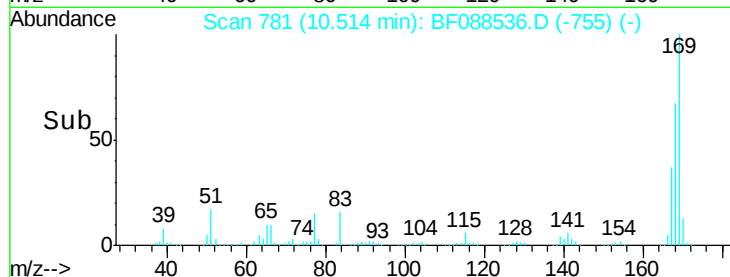
Instrument :
BNA_F
ClientSampleId :
PB91573BS



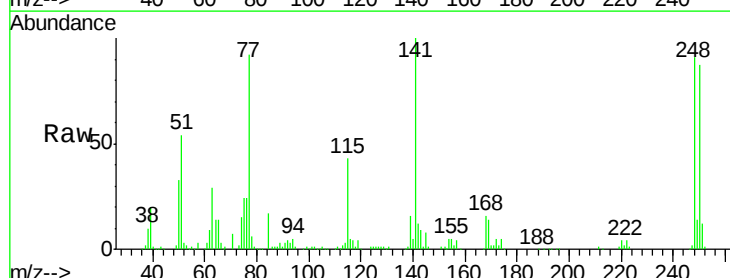
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.0
167	37.1	29.4	44.0

Manual Integrations

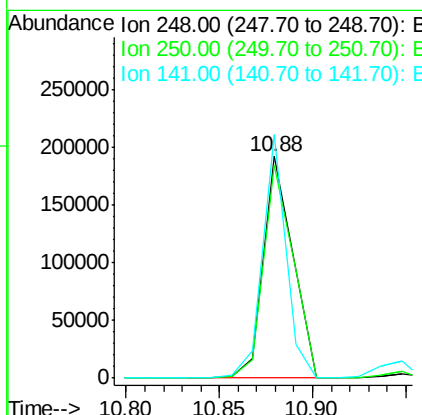
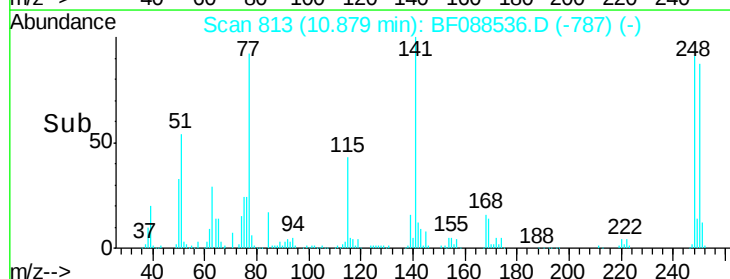
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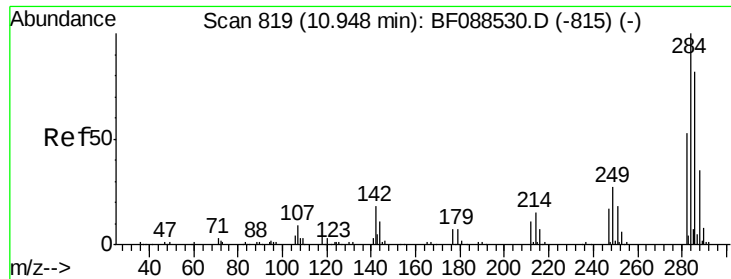


#66
4-Bromophenyl-phenylether
Concen: 37.84 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33



Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.1	115.7
141	109.8	50.6	76.0





#67

Hexachlorobenzene

Concen: 39.89 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:284 Resp: 244187
Ion Ratio Lower Upper

284 100

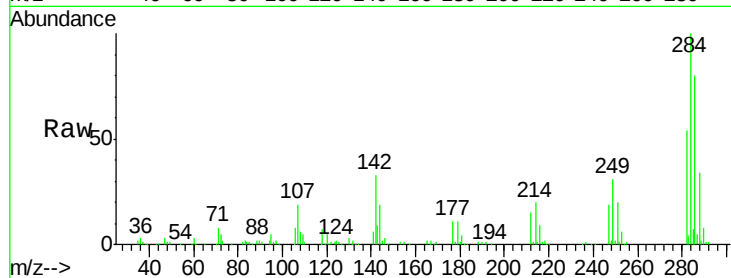
142 32.7 35.8 53.8#

249 31.1 25.8 38.6

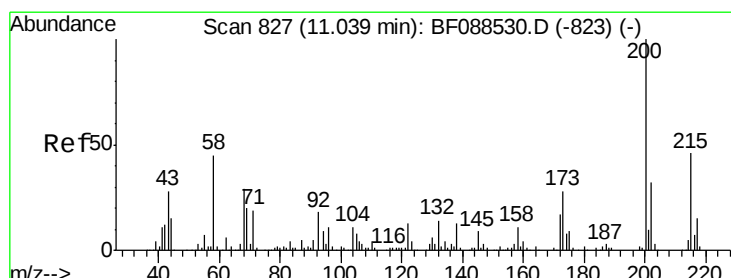
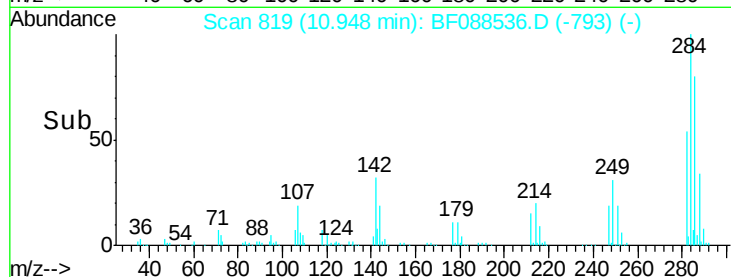
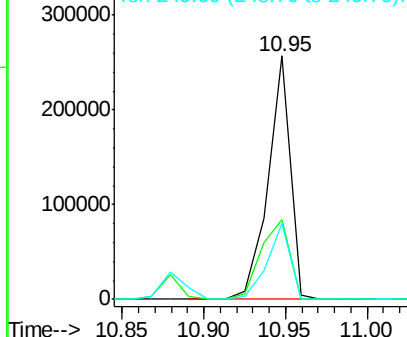
Manual Integrations

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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: 35.61 ng

RT: 11.04 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF088536.D

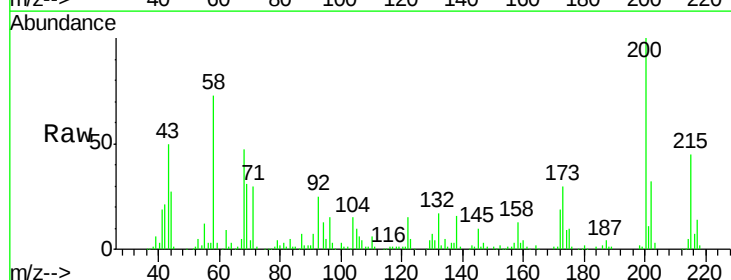
Acq: 30 Jun 2016 18:33

Tgt Ion:200 Resp: 206064
Ion Ratio Lower Upper

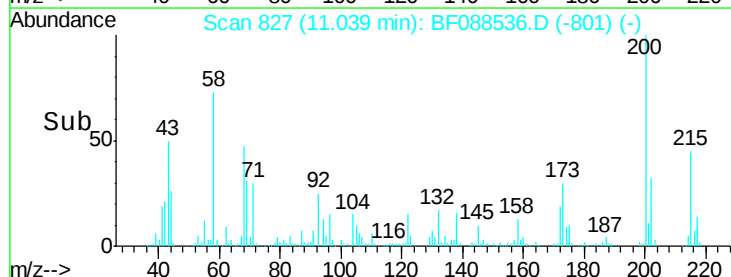
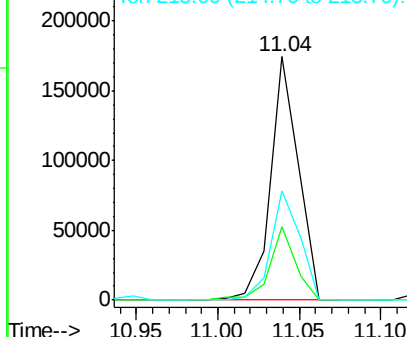
200 100

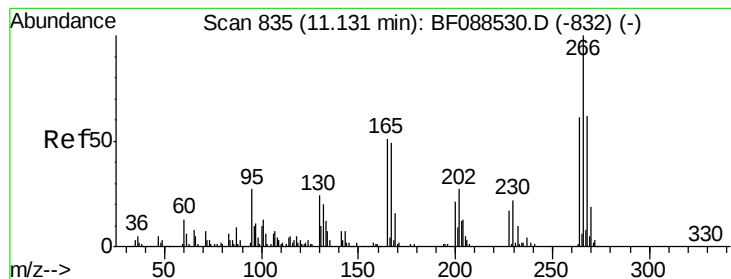
173 29.9 4.0 44.0

215 44.9 29.3 69.3



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: 85.04 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF088536.D

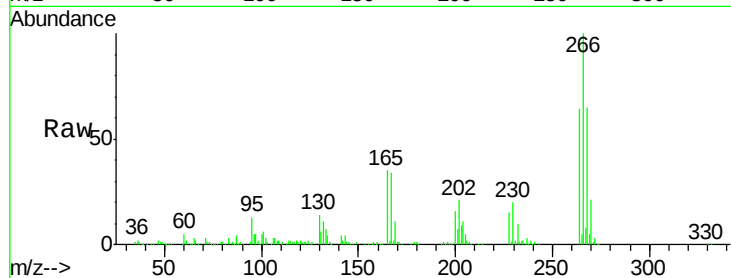
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion:266 Resp: 308074

Ion Ratio Lower Upper

266 100

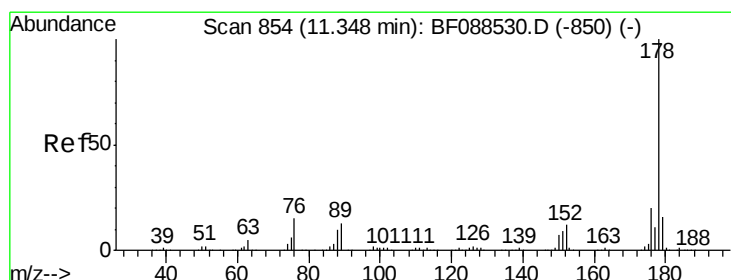
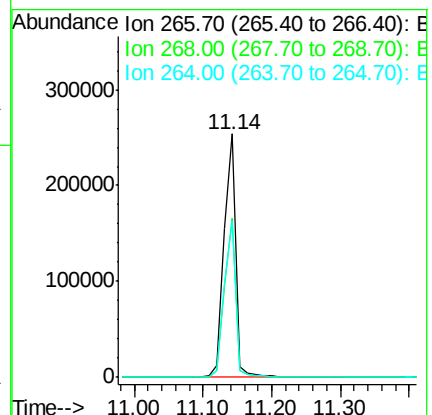
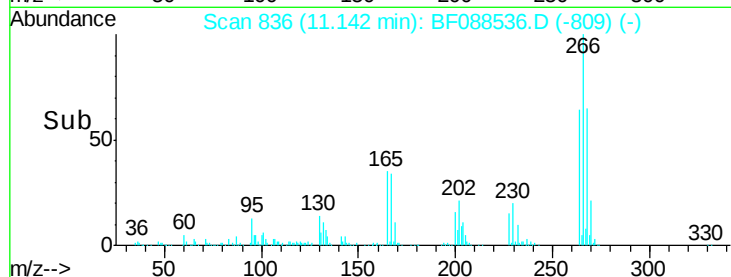
268 65.1 52.8 79.2

264 64.3 49.6 74.4

Manual Integrations

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#70

Phenanthrene

Concen: 41.78 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

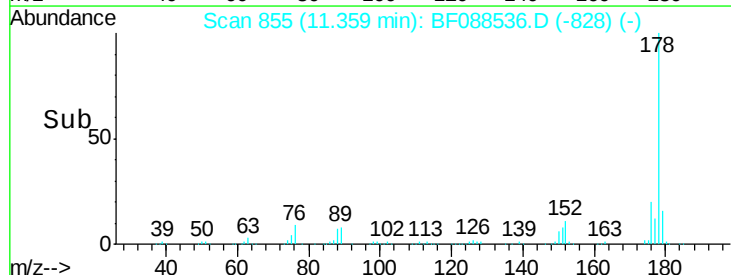
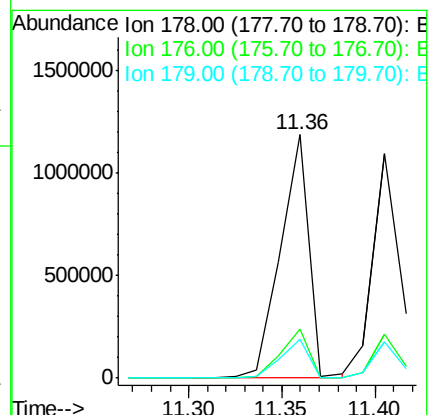
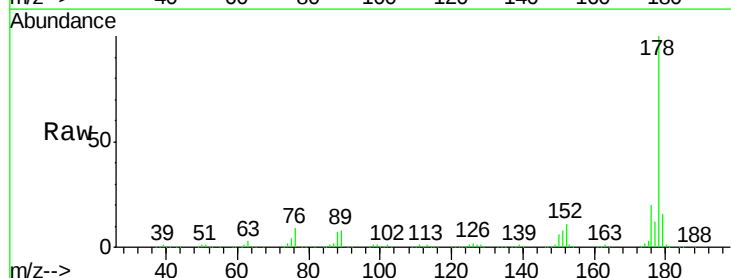
Tgt Ion:178 Resp: 1253310

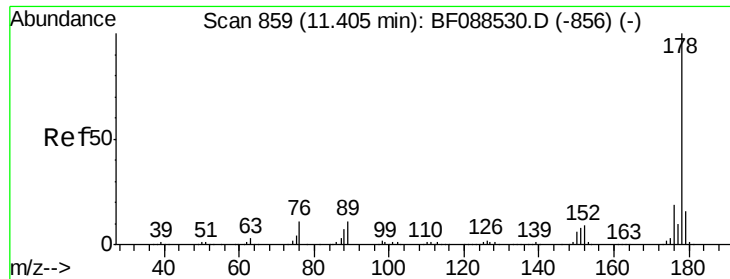
Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

179 15.7 13.0 19.4





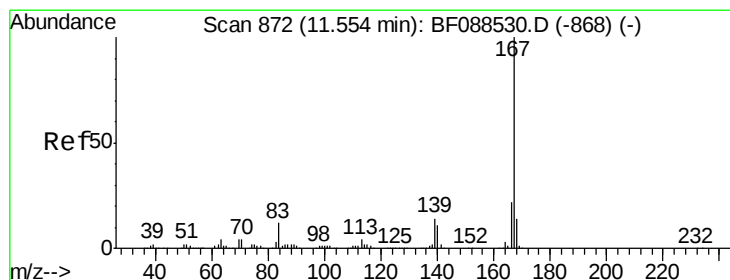
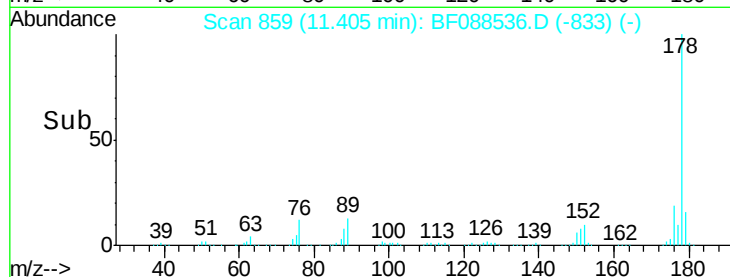
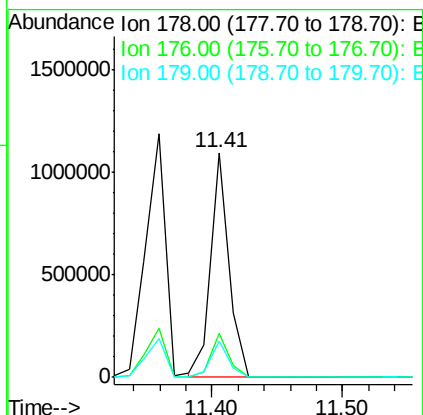
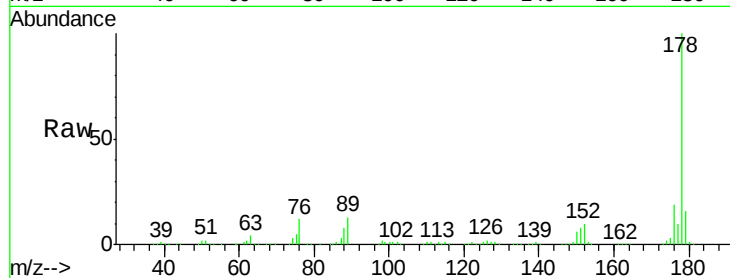
#71
 Anthracene
 Concen: 36.25 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:178 Resp: 1081217
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.1 12.8 19.2

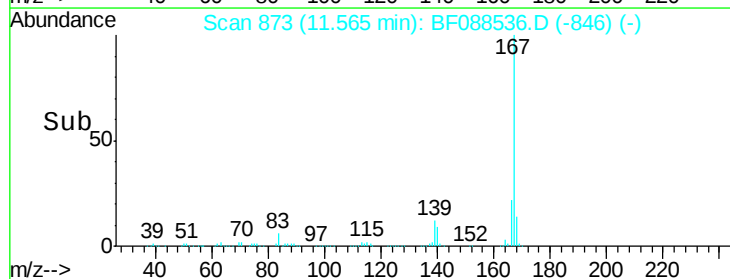
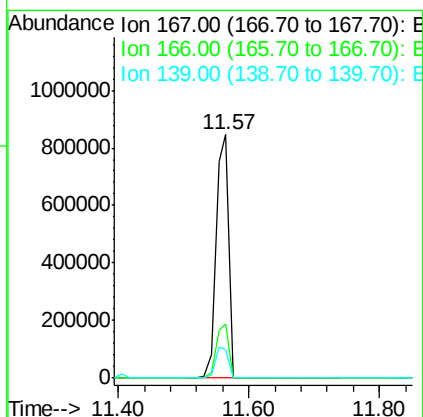
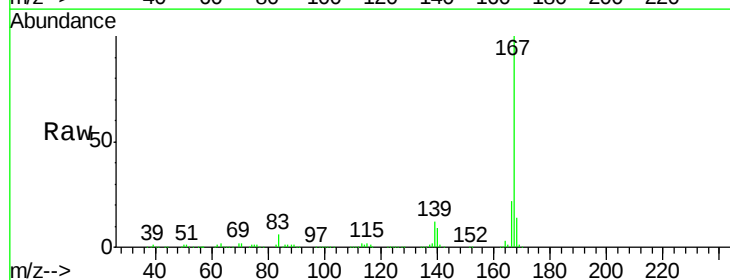
Manual Integrations

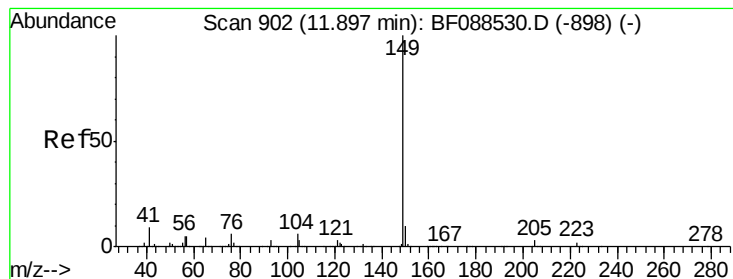
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#72
 Carbazole
 Concen: 41.54 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion:167 Resp: 1166232
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 12.0 11.2 16.8





#73

Di-n-butylphthalate

Concen: 39.03 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampled :

PB91573BS

Tgt Ion:149 Resp: 1274360

Ion Ratio Lower Upper

149 100

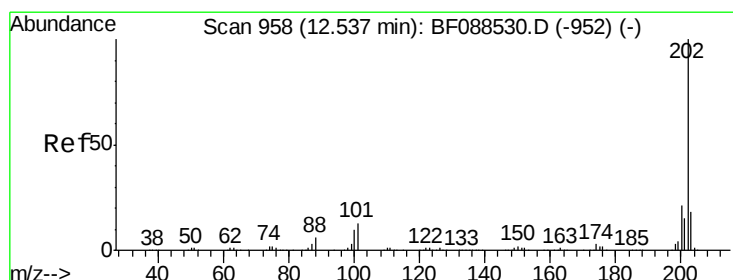
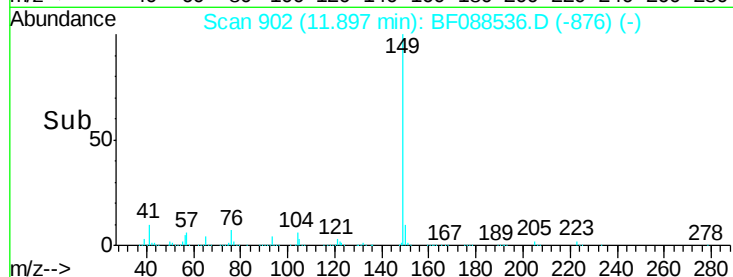
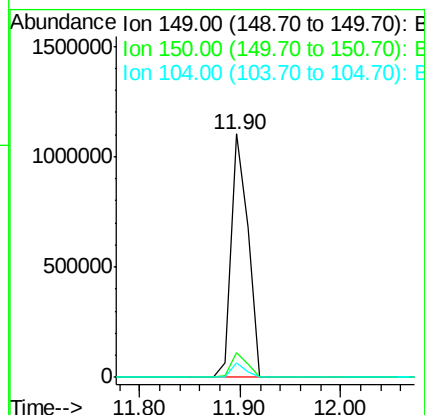
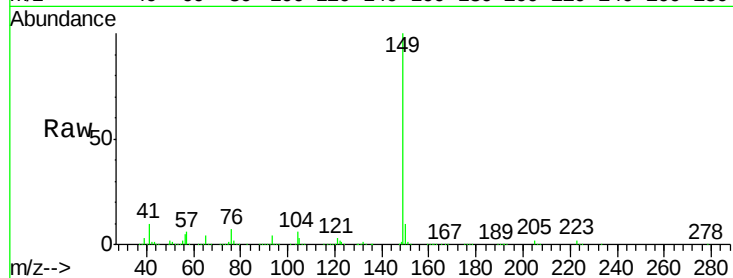
150 10.0 7.8 11.6

104 6.1 4.0 6.0#

Manual Integrations

SOHIL

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#74

Fluoranthene

Concen: 37.32 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

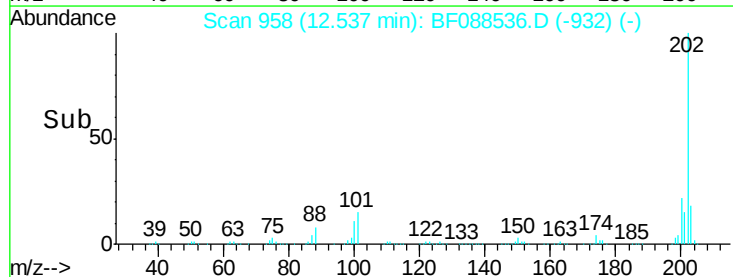
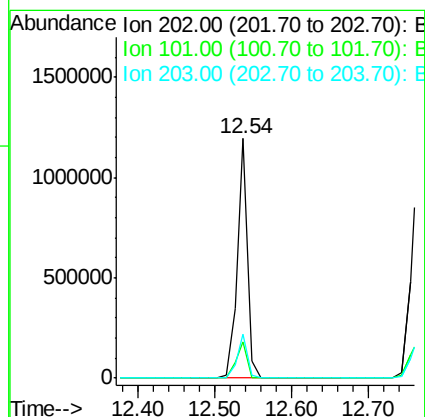
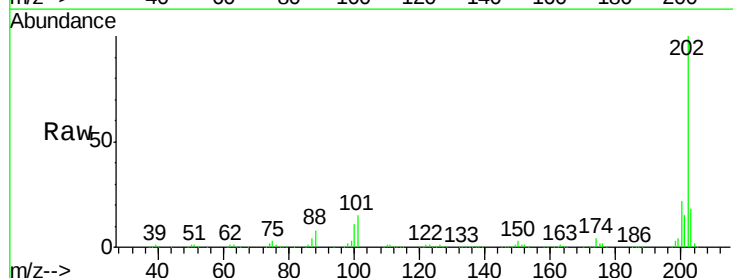
Tgt Ion:202 Resp: 1134926

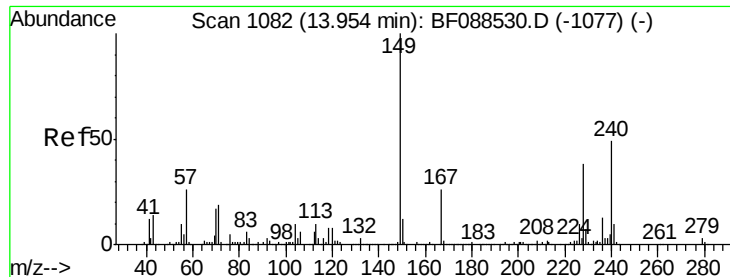
Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.1

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:240 Resp: 322877

Ion Ratio Lower Upper

240 100

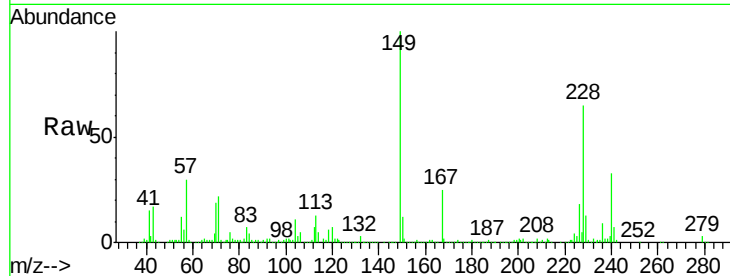
120 20.3 6.8 10.2#

236 26.6 20.2 30.2

Manual Integrations

SOHIL

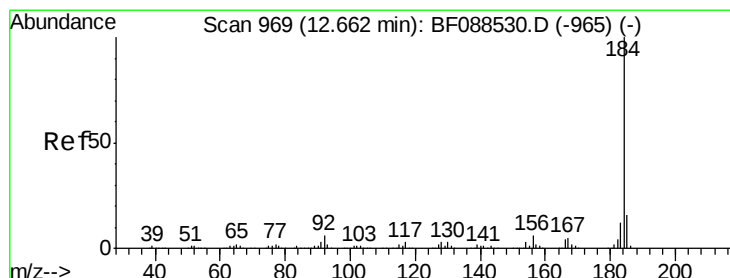
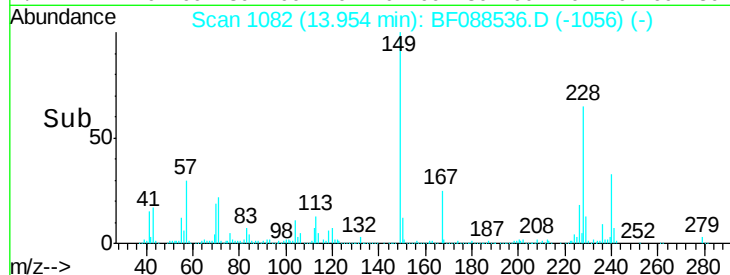
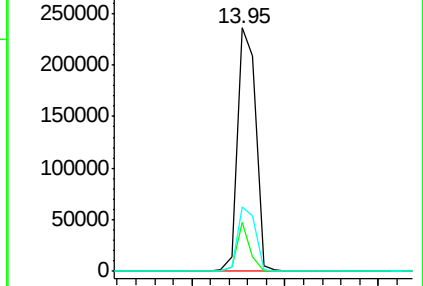
7/1/2016 8:04:51 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.30 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

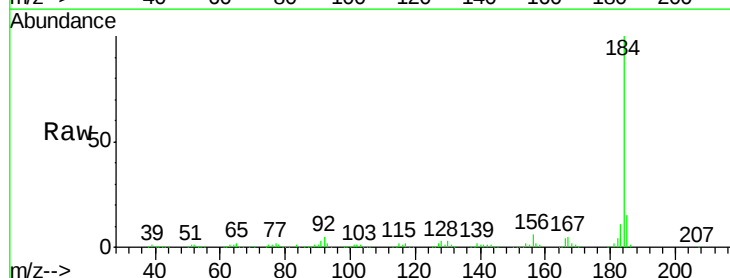
Tgt Ion:184 Resp: 429203

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

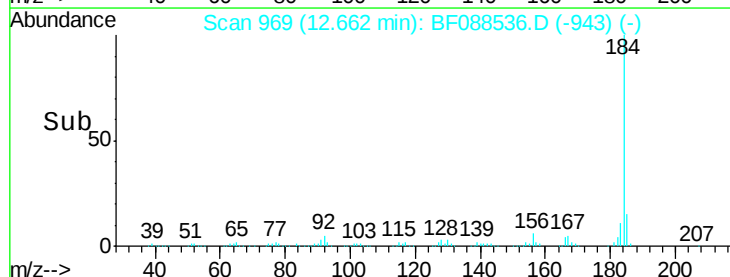
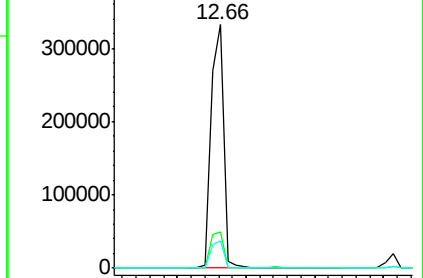
183 11.4 9.3 13.9

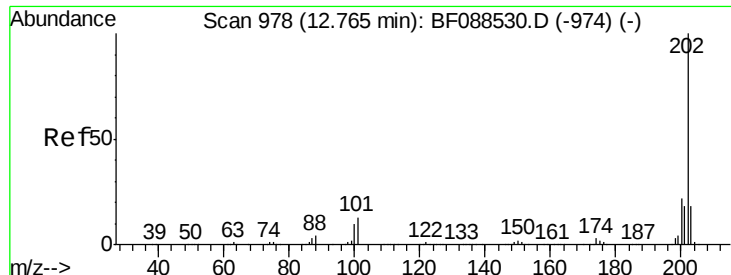


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





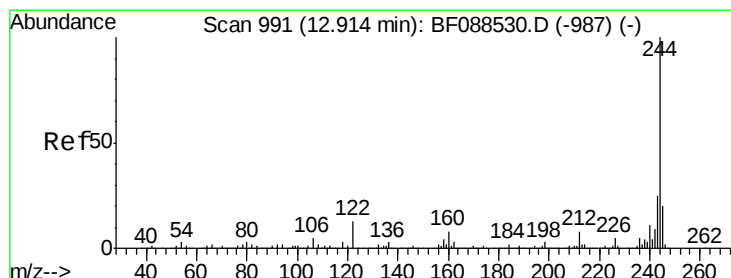
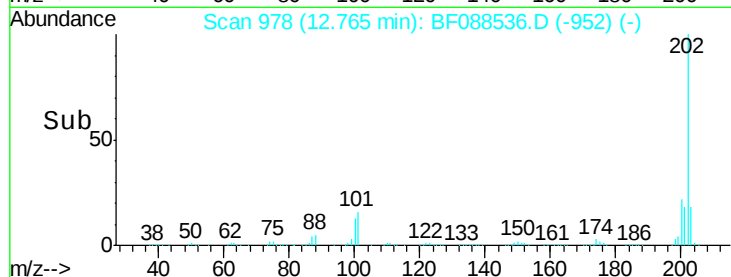
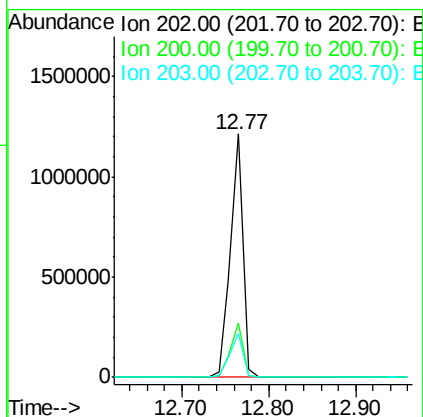
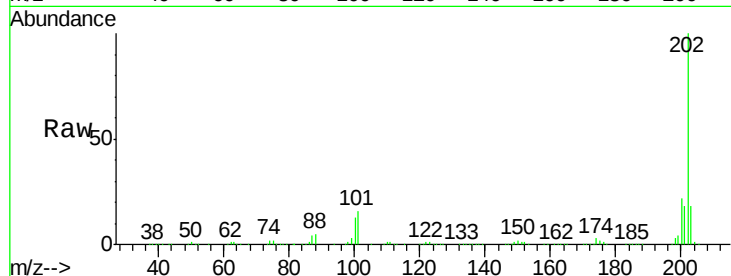
#77
 Pyrene
 Concen: 44.45 ng
 RT: 12.77 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion: 202 Resp: 1216934
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.4 26.2
 203 18.0 14.5 21.7

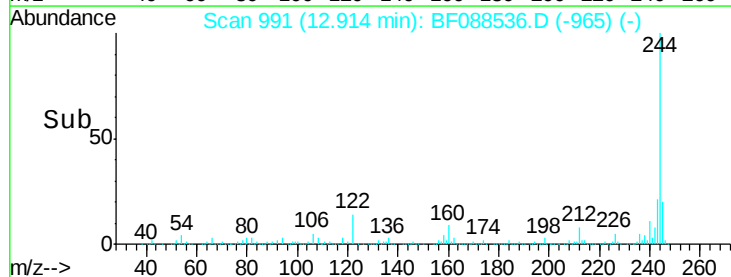
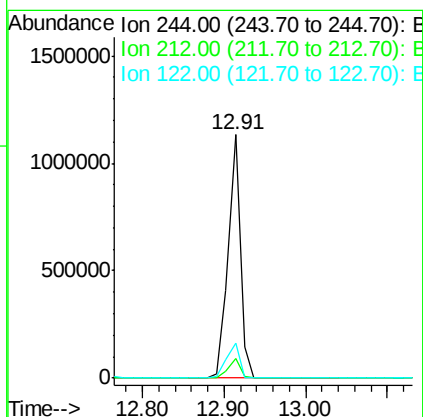
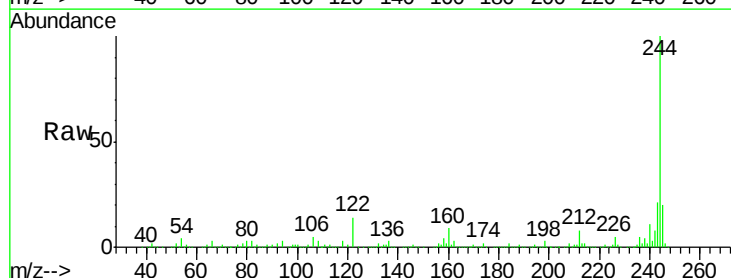
Manual Integrations

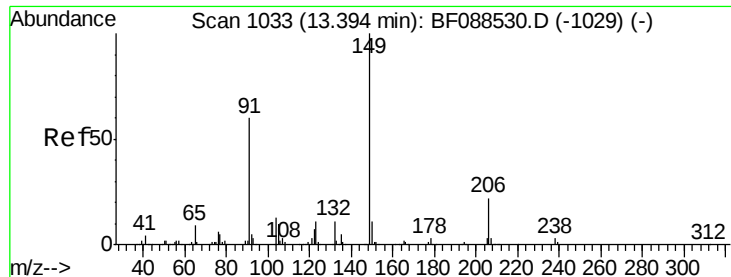
APPROVED
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 7/1/2016 8:04:51 AM



#78
 Terphenyl-d14
 Concen: 81.05 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion: 244 Resp: 1174971
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 14.2 11.2 16.8





#79

Butylbenzylphthalate

Concen: 49.16 ng

RT: 13.39 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF088536.D

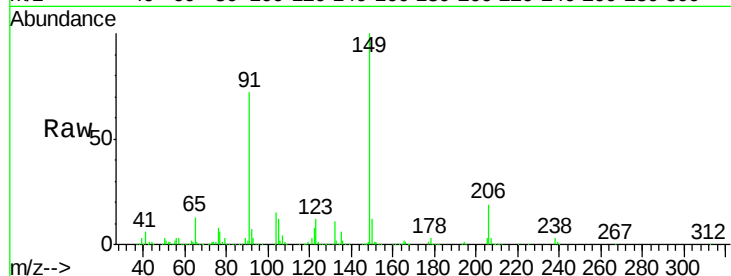
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS

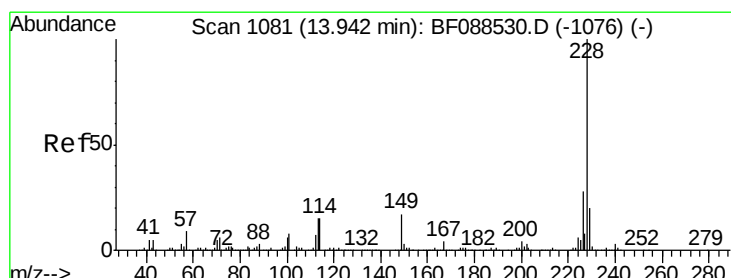
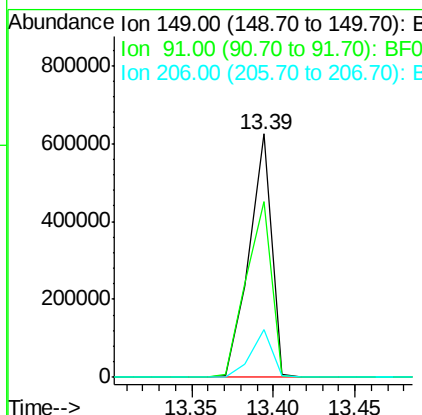
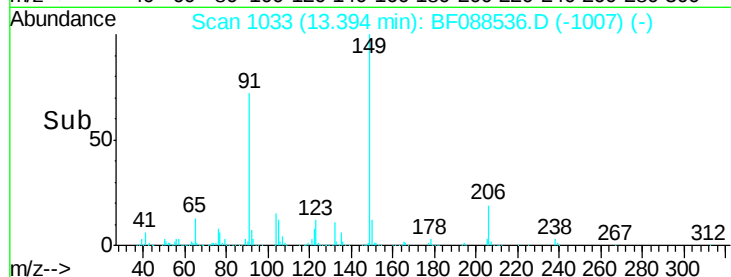


Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	48.0	72.0#
206	19.5	16.0	24.0

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 44.40 ng

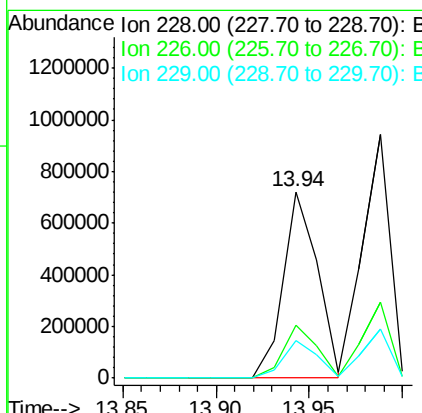
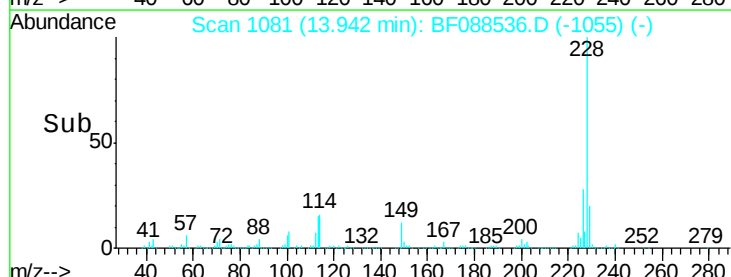
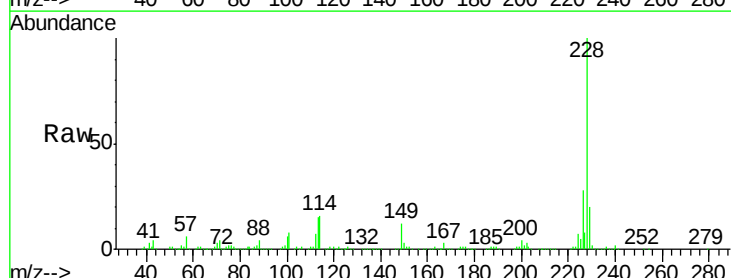
RT: 13.94 min Scan# 1081

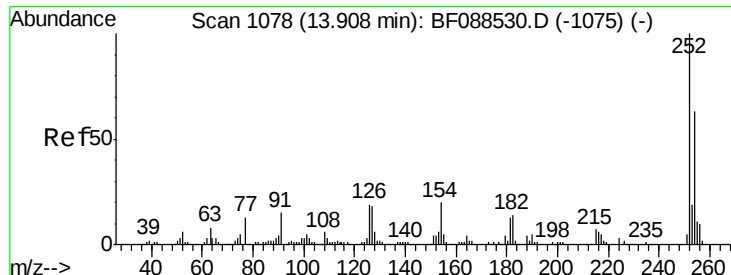
Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.4	16.0	24.0





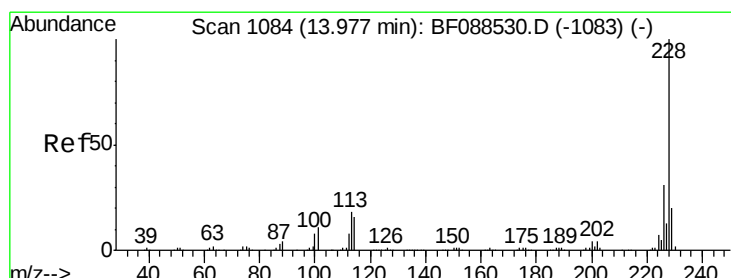
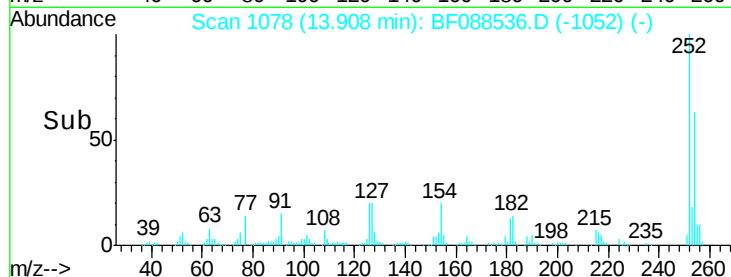
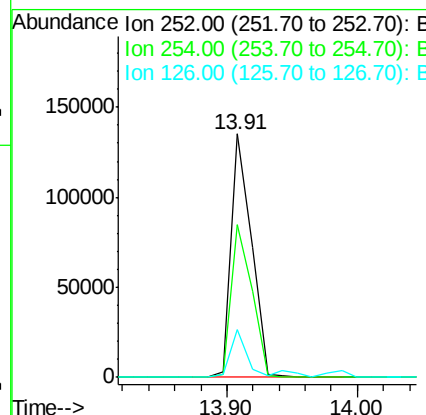
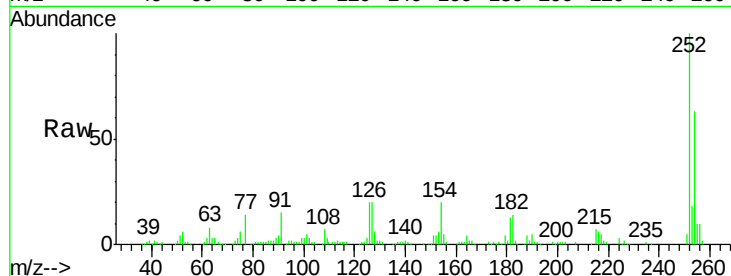
#81
 3,3'-Dichlorobenzidine
 Concen: 18.70 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	78.8
126	19.7	6.2	9.2

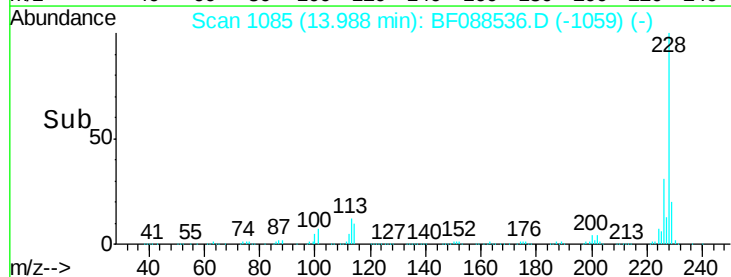
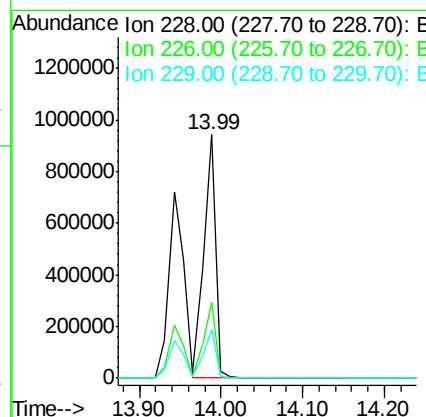
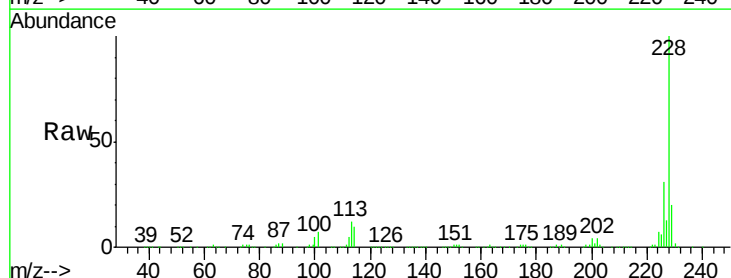
Manual Integrations

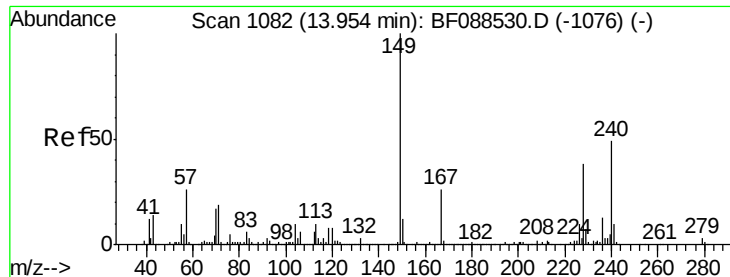
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#82
 Chrysene
 Concen: 46.96 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	20.1	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.55 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

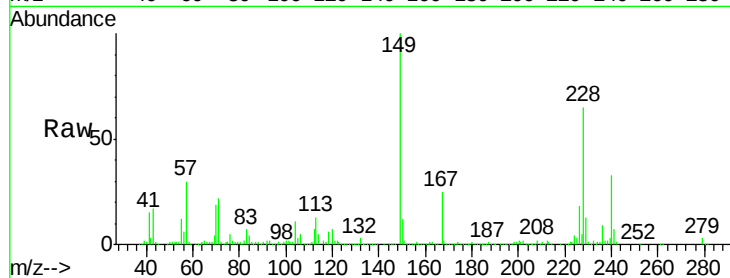
PB91573BS

Tgt Ion:	149	Resp:	635037
Ion Ratio	Lower	Upper	
149	100		
167	25.1	20.5	30.7
279	2.5	2.0	3.0

Manual Integrations

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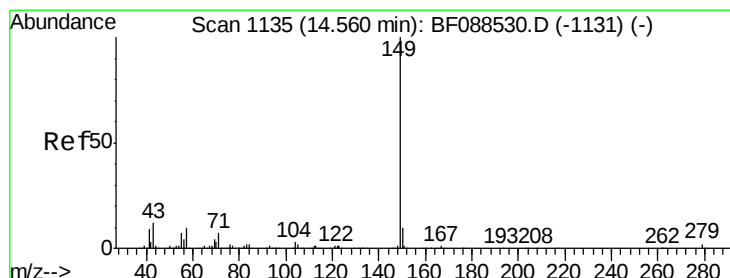
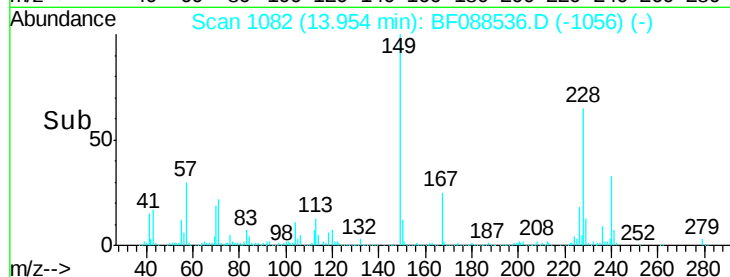
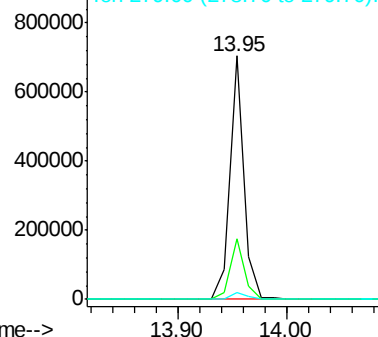
7/1/2016 8:04:51 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.52 ng

RT: 14.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF088536.D

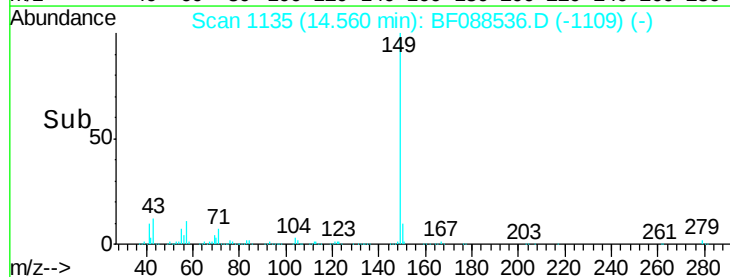
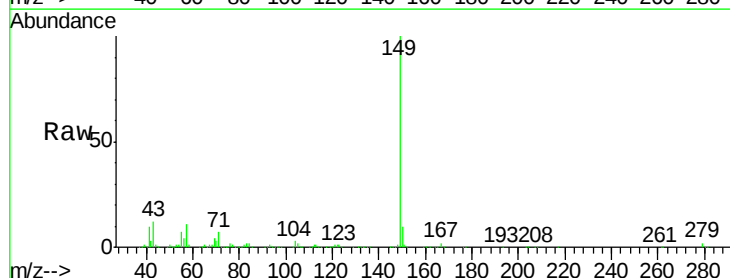
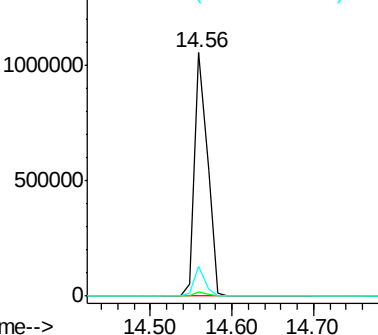
Acq: 30 Jun 2016 18:33

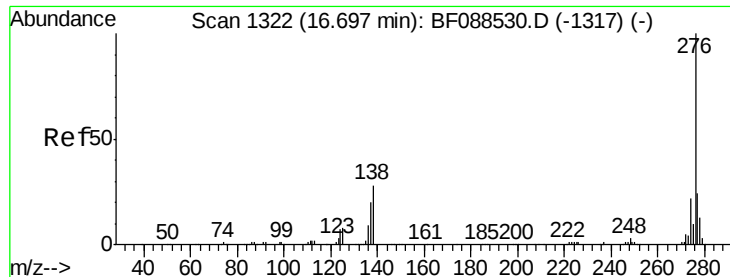
Tgt Ion:	149	Resp:	1149150
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	10.4	0.0	0.0#

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





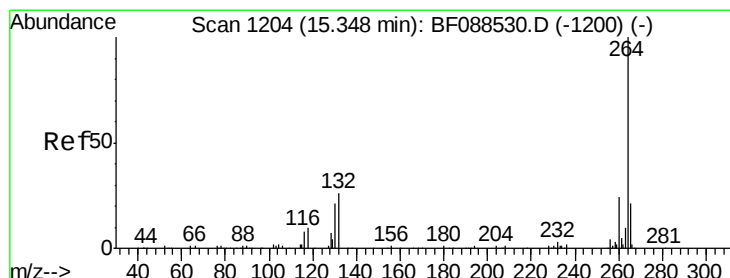
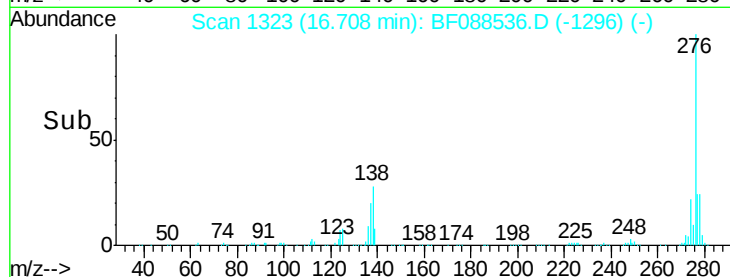
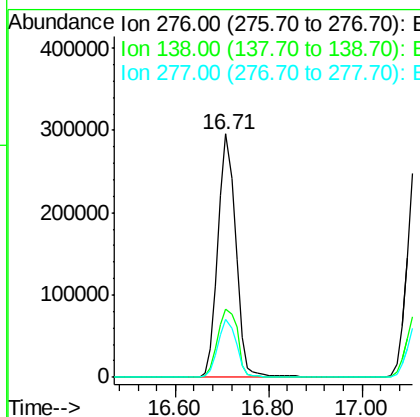
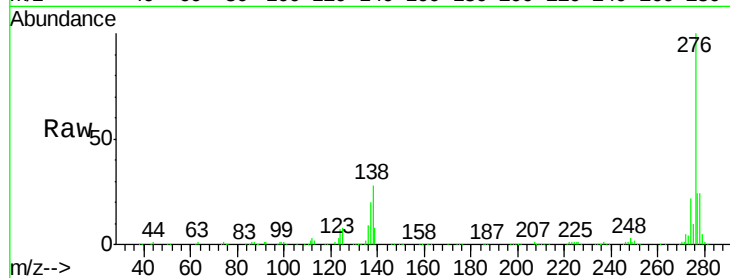
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.62 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	785183		
138	31.4	0.0	0.0	0.0
277	24.7	0.0	0.0	0.0

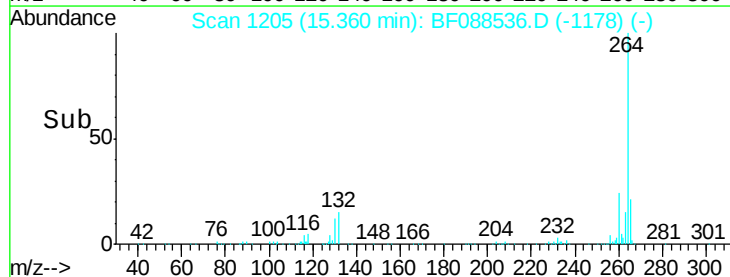
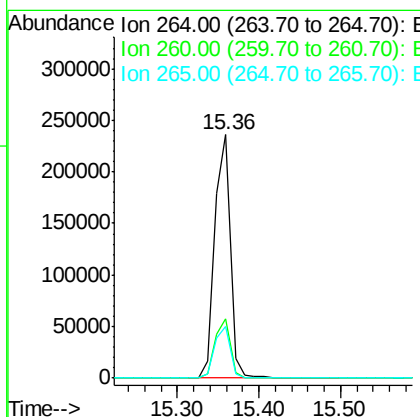
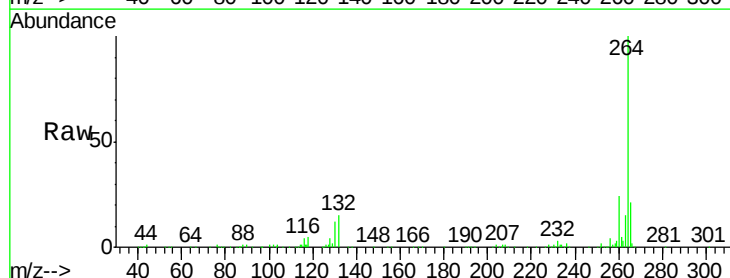
Manual Integrations

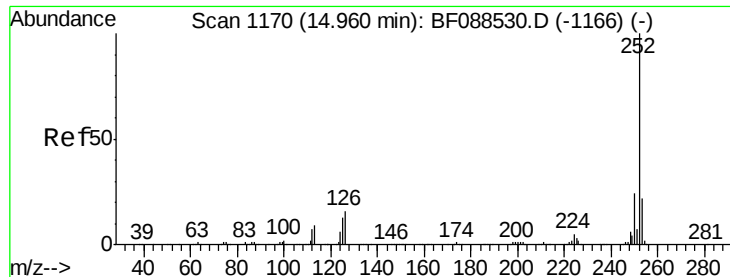
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF088536.D
 Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	315029		
260	24.3	19.2	28.8	
265	21.4	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 38.73 ng

RT: 14.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF088536.D

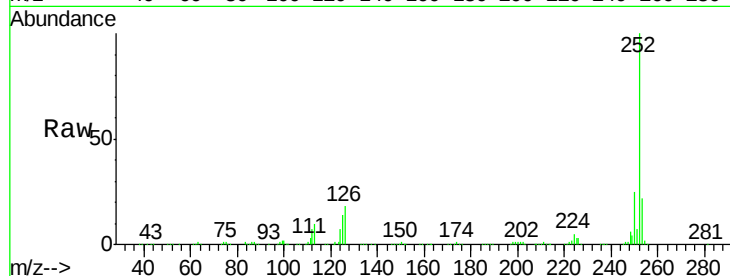
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion: 252 Resp: 765371

Ion Ratio Lower Upper

252 100

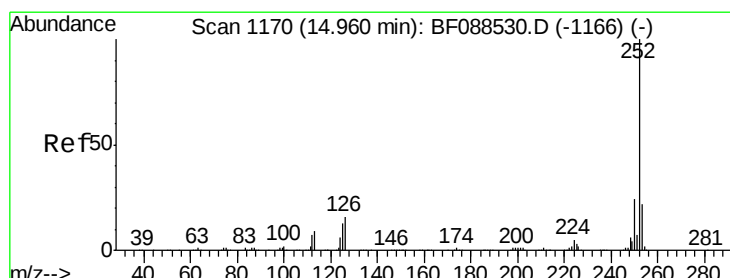
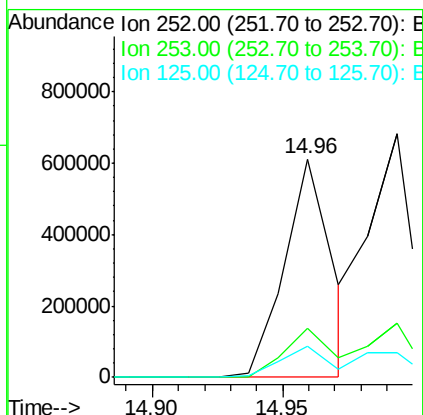
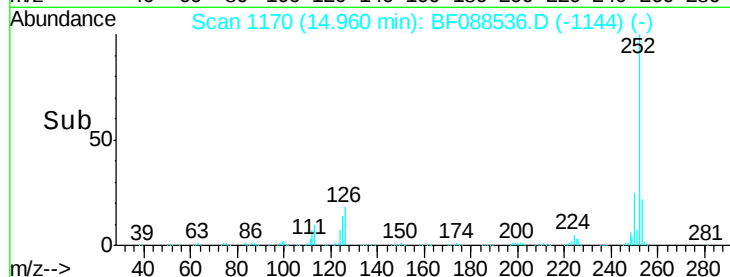
253 22.2 17.4 26.2

125 14.0 7.1 10.7#

Manual Integrations

SOHIL

7/1/2016 8:04:51 AM



#88

Benzo(k)fluoranthene

Concen: 45.63 ng m

RT: 14.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF088536.D

Acq: 30 Jun 2016 18:33

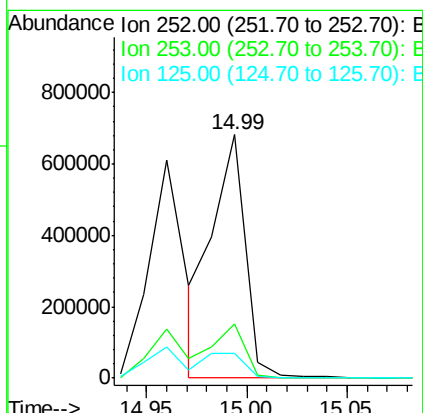
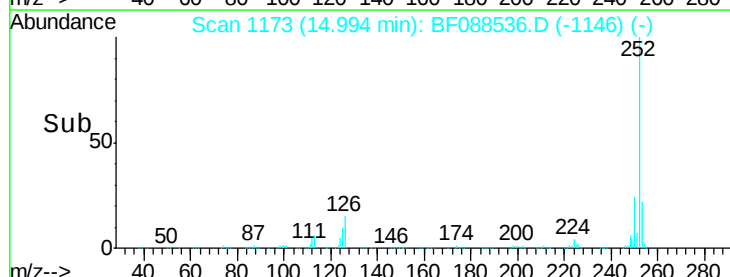
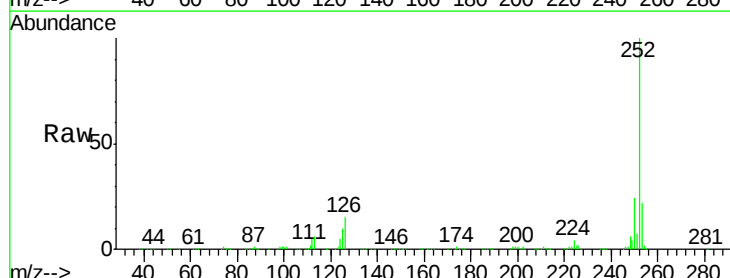
Tgt Ion: 252 Resp: 784923

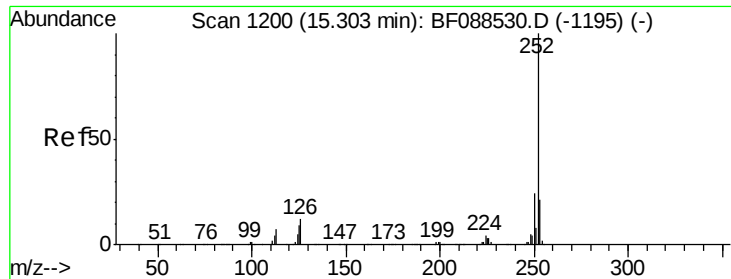
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.2 11.2 16.8#





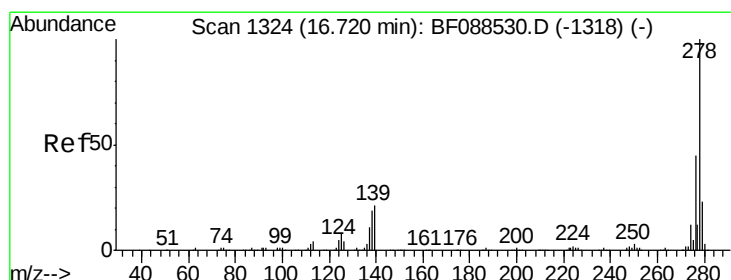
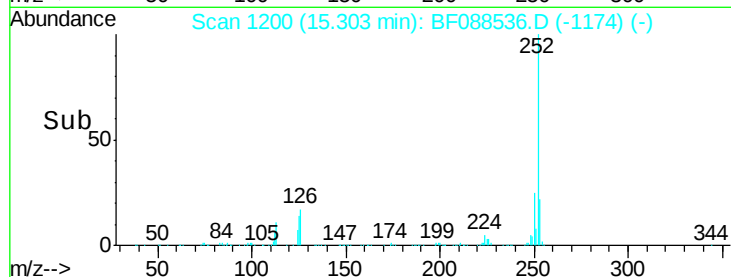
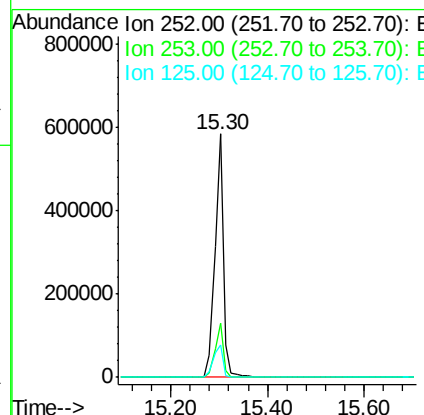
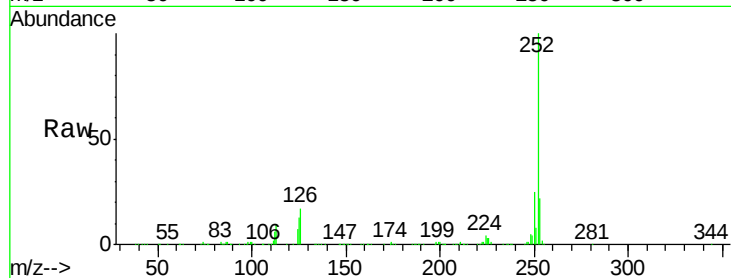
#89
Benzo(a)pyrene
Concen: 43.73 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.5	12.5	18.7

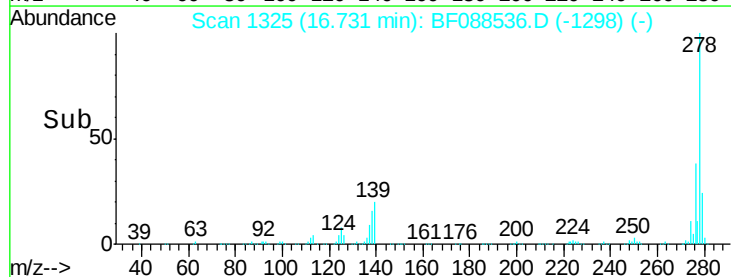
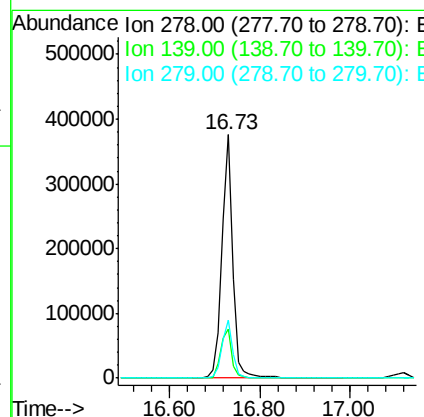
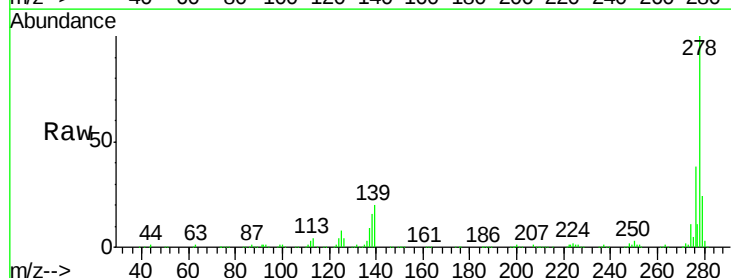
Manual Integrations

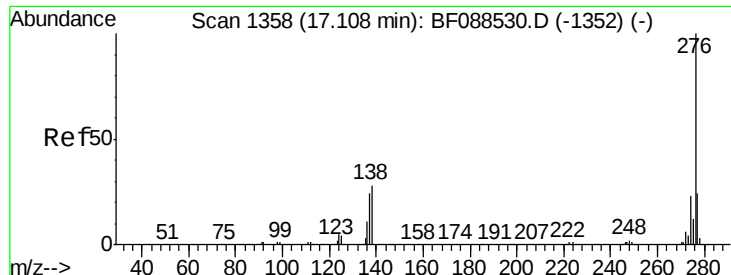
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#90
Dibenzo(a,h)anthracene
Concen: 45.71 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF088536.D
Acq: 30 Jun 2016 18:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	24.0	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 47.02 ng

RT: 17.12 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF088536.D

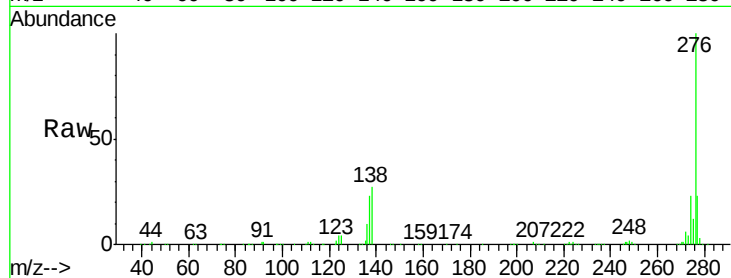
Acq: 30 Jun 2016 18:33

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion: 276 Resp: 679837

Ion Ratio Lower Upper

276 100

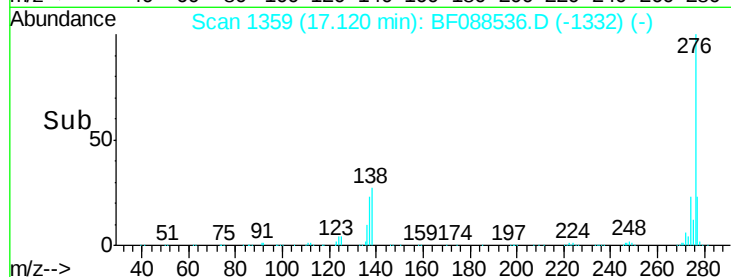
277 23.2 18.9 28.3

138 27.0 21.4 32.2

Manual Integrations

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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

17.12

300000

200000

100000

0

17.00 17.20 17.40

Time-->