

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088543.D
 Acq On : 30 Jun 2016 21:56
 Operator : UM/SJ
 Sample : PB91726BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:20 AM

Quant Time: Jul 01 02:10:11 2016

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 30 18:01:55 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132345	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	574513	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	263756	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	476796	20.00	ng	0.00
75) Chrysene-d12	13.95	240	362032	20.00	ng	0.00
86) Perylene-d12	15.35	264	355552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1047084	118.57	ng	0.01
7) Phenol-d6	6.44	99	1341802	117.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	921198	84.03	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	304871	124.48	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1213162	72.65	ng	0.00
78) Terphenyl-d14	12.91	244	1149747	70.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	140418	32.07	ng	# 29
3) Pyridine	3.16	79	218919	17.23	ng	94
4) n-Nitrosodimethylamine	3.11	42	98719	20.34	ng	93
6) Aniline	6.47	93	276384	16.62	ng	# 87
8) 2-Chlorophenol	6.59	128	188044	19.81	ng	# 81
9) Benzaldehyde	6.35	77	142116	18.39	ng	84
10) Phenol	6.46	94	206656	15.87	ng	# 68
11) bis(2-Chloroethyl)ether	6.55	93	200207	20.62	ng	98
12) 1,3-Dichlorobenzene	6.75	146	215703	20.65	ng	98
13) 1,4-Dichlorobenzene	6.83	146	226585	21.86	ng	99
14) 1,2-Dichlorobenzene	6.98	146	186094m	19.18	ng	
15) Benzyl Alcohol	6.96	79	191137	22.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	282865	20.11	ng	95
17) 2-Methylphenol	7.07	107	180001	23.25	ng	96
18) Hexachloroethane	7.32	117	82667	20.62	ng	# 80
19) n-Nitroso-di-n-propylamine	7.23	70	172324	22.48	ng	91
20) 3+4-Methylphenols	7.22	107	223602	24.06	ng	# 79
22) Acetophenone	7.22	105	286216	20.53	ng	# 83
24) Nitrobenzene	7.39	77	223930	20.26	ng	# 80
25) Isophorone	7.63	82	416344	20.50	ng	# 93
26) 2-Nitrophenol	7.71	139	100972	22.28	ng	95
27) 2,4-Dimethylphenol	7.76	122	211071	22.36	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	265971	20.13	ng	# 95
29) 2,4-Dichlorophenol	7.95	162	175469	23.00	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	182565	21.80	ng	97
31) Naphthalene	8.12	128	615218	21.72	ng	98
32) Benzoic acid	7.85	122	109341	15.95	ng	92
33) 4-Chloroaniline	8.17	127	178264	14.15	ng	# 94
34) Hexachlorobutadiene	8.25	225	92846	20.71	ng	98
35) Caprolactam	8.51	113	58463m	22.56	ng	
36) 4-Chloro-3-methylphenol	8.65	107	204210	22.63	ng	97
37) 2-Methylnaphthalene	8.81	142	396569m	21.74	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	161456	18.40	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	275625	64.01	ng	99

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Quant Time: Jul 01 02:10:11 2016
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 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	114649	19.82	ng	95
43) 2,4,5-Trichlorophenol	9.12	196	115375	23.18	ng #	84
45) 1,1'-Biphenyl	9.28	154	494236	22.63	ng	97
46) 2-Chloronaphthalene	9.30	162	380563	22.20	ng	95
47) 2-Nitroaniline	9.38	65	122084	20.06	ng #	85
48) Acenaphthylene	9.71	152	621613	22.78	ng	99
49) Dimethylphthalate	9.58	163	440707	23.45	ng	100
50) 2,6-Dinitrotoluene	9.63	165	104119	25.00	ng #	73
51) Acenaphthene	9.88	154	444521	26.58	ng	99
52) 3-Nitroaniline	9.79	138	75216	14.21	ng	83
53) 2,4-Dinitrophenol	9.91	184	135424	73.65	ng #	72
54) Dibenzofuran	10.06	168	551391	25.19	ng	94
55) 4-Nitrophenol	9.95	139	244853	60.86	ng	93
56) 2,4-Dinitrotoluene	10.03	165	142523	26.17	ng #	71
57) Fluorene	10.40	166	412016	24.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	105030	27.28	ng #	55
59) Diethylphthalate	10.27	149	436153	23.13	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	167313	21.35	ng	91
61) 4-Nitroaniline	10.41	138	109986	21.59	ng	100
62) Azobenzene	10.55	77	512027	23.80	ng	93
64) 4,6-Dinitro-2-methylphenol	10.43	198	51680	20.27	ng	90
65) n-Nitrosodiphenylamine	10.51	169	369322	22.89	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	114058	23.74	ng #	92
67) Hexachlorobenzene	10.94	284	113835	21.40	ng #	89
68) Atrazine	11.04	200	119290	23.72	ng	98
69) Pentachlorophenol	11.13	266	194305	61.73	ng	96
70) Phenanthrene	11.35	178	581126	22.30	ng	100
71) Anthracene	11.40	178	653315	25.21	ng	98
72) Carbazole	11.55	167	579512	23.76	ng	100
73) Di-n-butylphthalate	11.90	149	656715	23.15	ng	99
74) Fluoranthene	12.54	202	642324	24.31	ng	95
76) Benzidine	12.66	184	570515	31.18	ng	99
77) Pyrene	12.75	202	614772	20.03	ng	100
79) Butylbenzylphthalate	13.38	149	272706	19.92	ng #	62
80) Benzo(a)anthracene	13.94	228	536547	23.02	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	116361	13.28	ng #	97
82) Chrysene	13.98	228	462522	20.05	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	353312	22.60	ng #	100
84) Di-n-octyl phthalate	14.56	149	629709	23.71	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	402594	22.69	ng #	100
87) Benzo(b)fluoranthene	14.96	252	515376m	23.11	ng	
88) Benzo(k)fluoranthene	14.98	252	409641m	21.10	ng	
89) Benzo(a)pyrene	15.29	252	440253	23.31	ng	99
90) Dibenzo(a,h)anthracene	16.72	278	329605	20.90	ng	97
91) Benzo(g,h,i)perylene	17.10	276	324020	19.86	ng	98

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

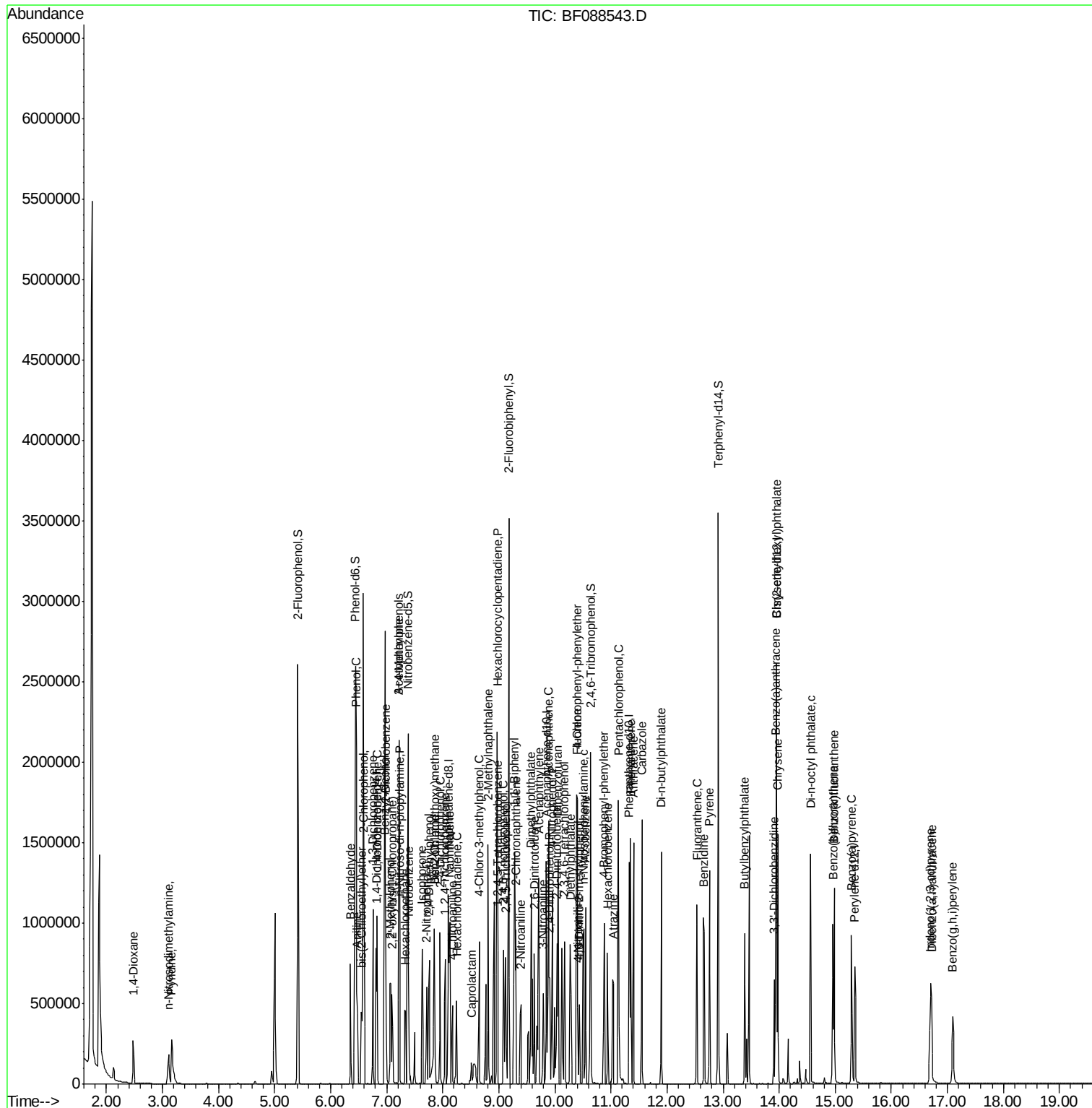
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Sample    : PB91726BS  
Misc      :  
ALS Vial  : 11      Sample Multiplier: 1
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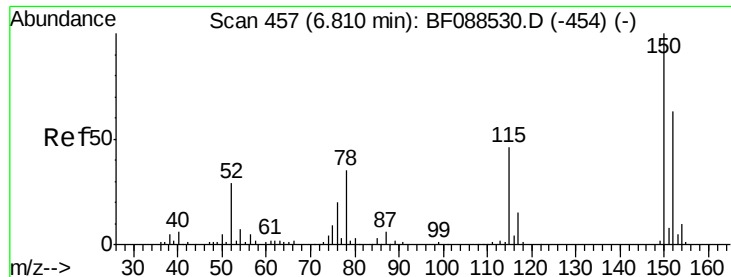
Instrument :
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#1

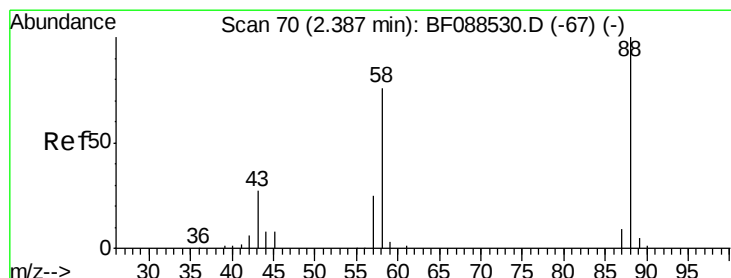
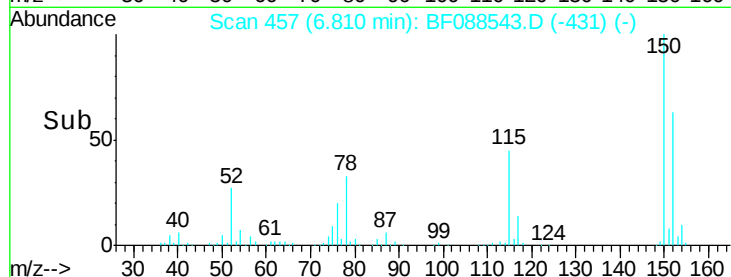
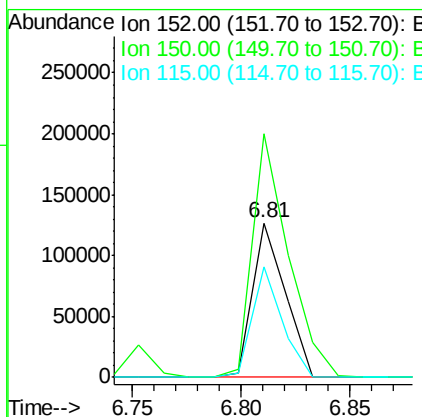
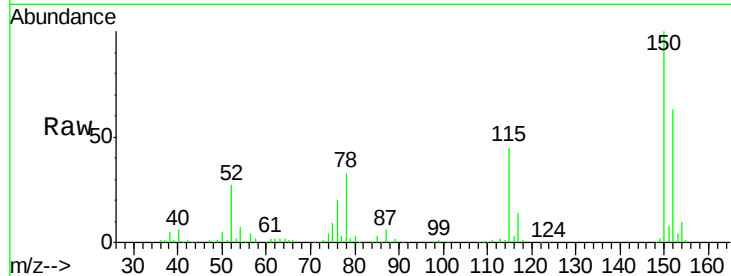
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	71.8	39.6	59.4

Manual Integrations

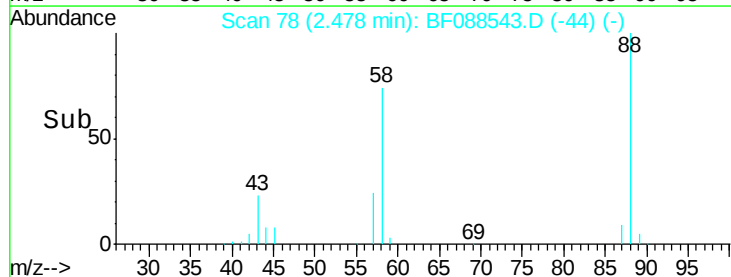
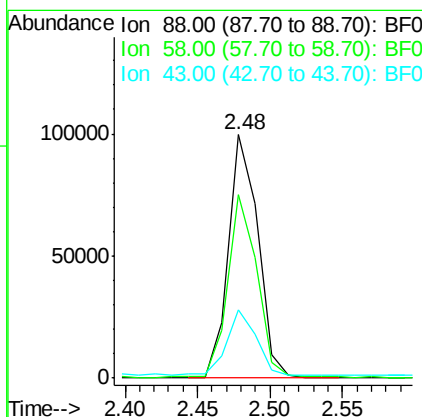
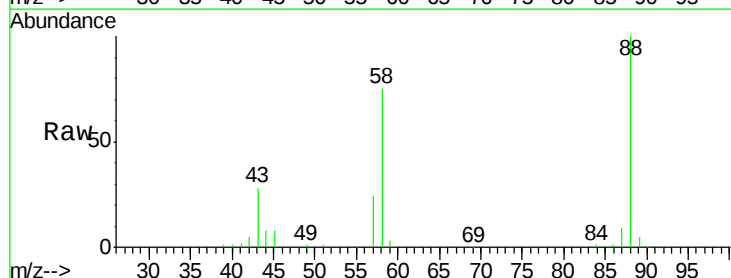
SOHIL
7/1/2016 8:05:20 AM

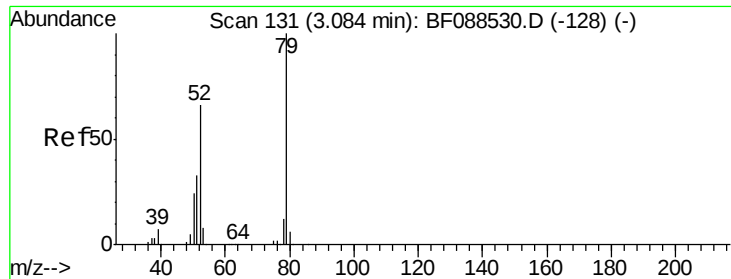


#2

1,4-Dioxane
Concen: 32.07 ng
RT: 2.48 min Scan# 78
Delta R.T. 0.09 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	0.0	0.0
43	27.7	3.4	5.2





#3

Pyridine

Concen: 17.23 ng

RT: 3.16 min Scan# 138

Delta R.T. 0.08 min

Lab File: BF088543.D

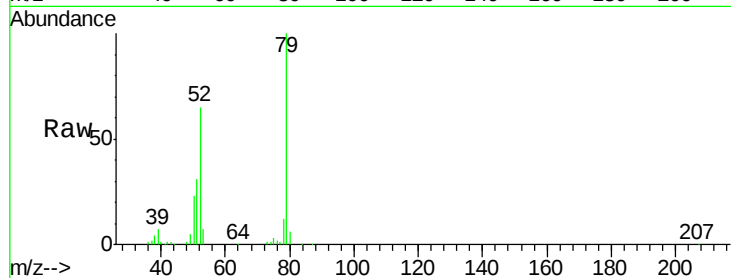
Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS



Tgt Ion: 79 Resp: 218919

Ion Ratio Lower Upper

79 100

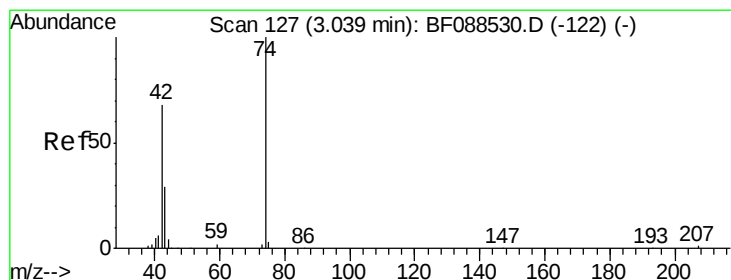
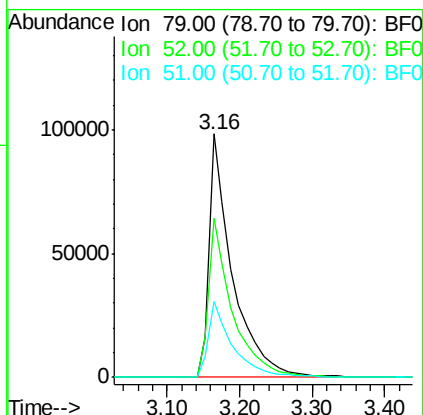
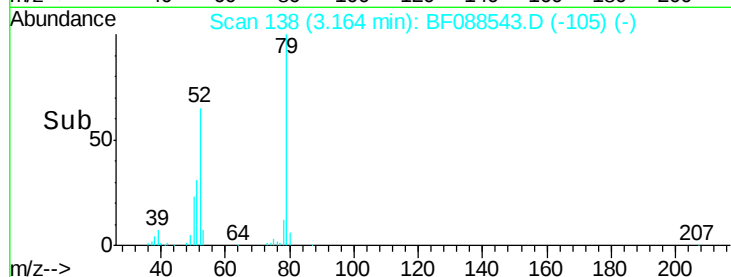
52 65.3 56.3 84.5

51 31.3 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 20.34 ng

RT: 3.11 min Scan# 133

Delta R.T. 0.07 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

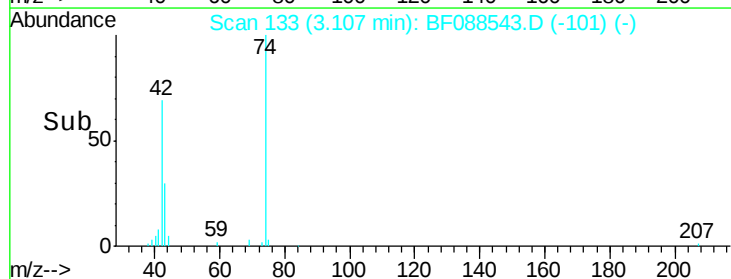
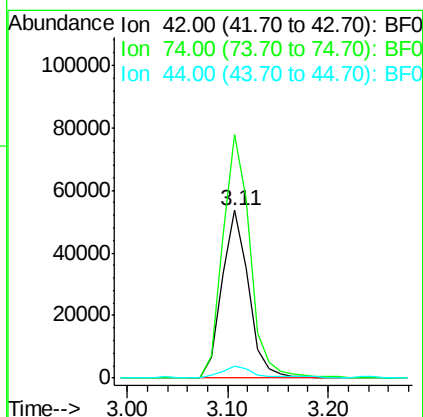
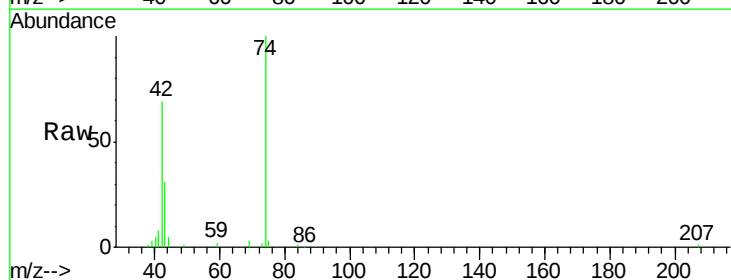
Tgt Ion: 42 Resp: 98719

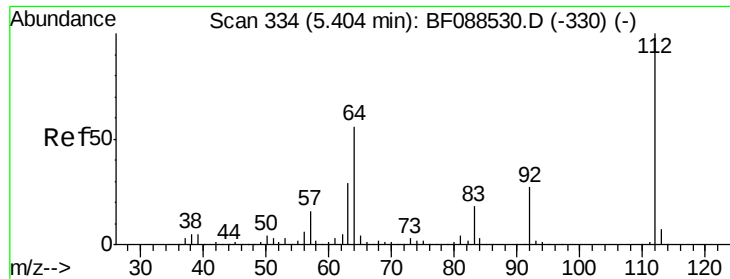
Ion Ratio Lower Upper

42 100

74 145.0 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 118.57 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088543.D

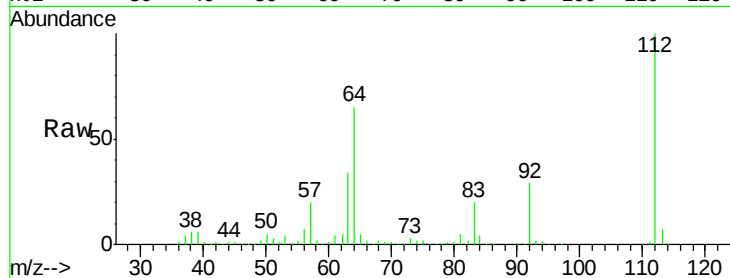
Acq: 30 Jun 2016 21:56

Instrument :

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ClientSampleId :

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Tgt Ion: 112 Resp: 1047084

Ion Ratio Lower Upper

112 100

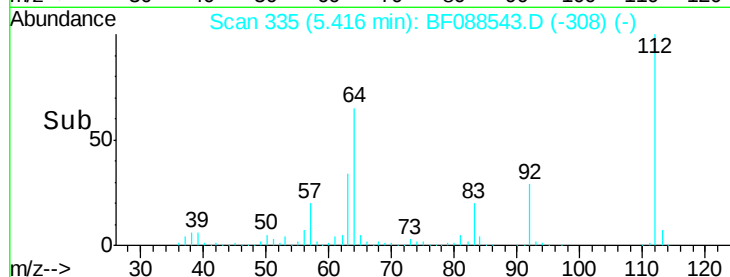
64 65.2 42.2 63.2#

63 33.6 21.8 32.8#

Manual Integrations

SOHIL

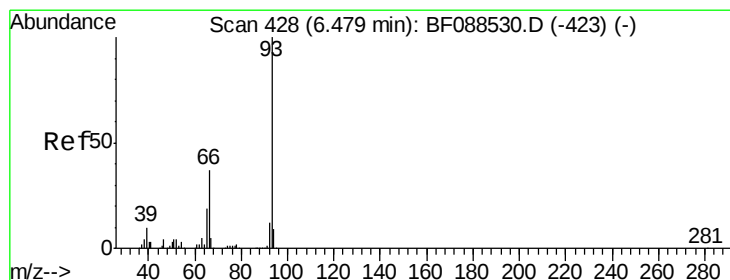
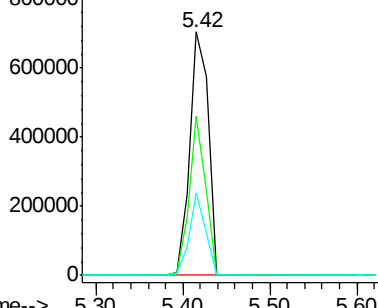
7/1/2016 8:05:20 AM



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: 16.62 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

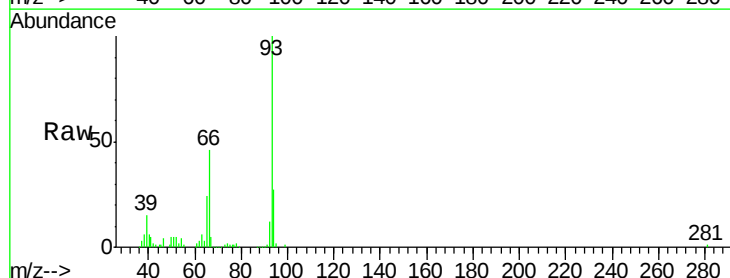
Tgt Ion: 93 Resp: 276384

Ion Ratio Lower Upper

93 100

66 45.6 29.8 44.8#

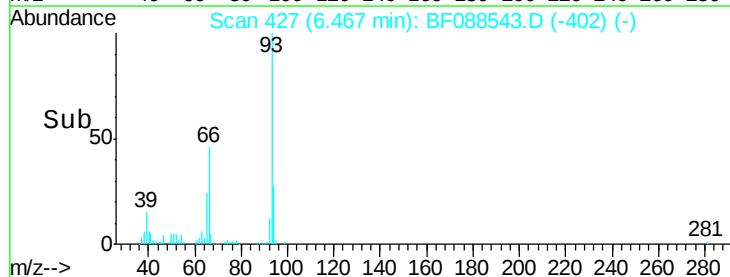
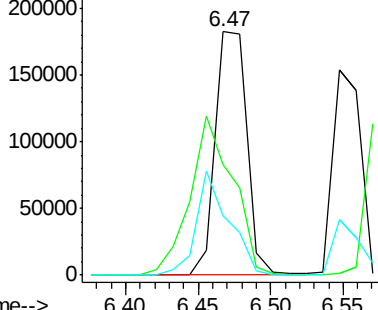
65 24.1 14.9 22.3#

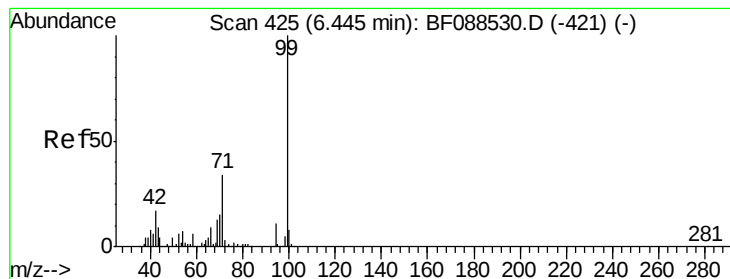


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.60 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088543.D

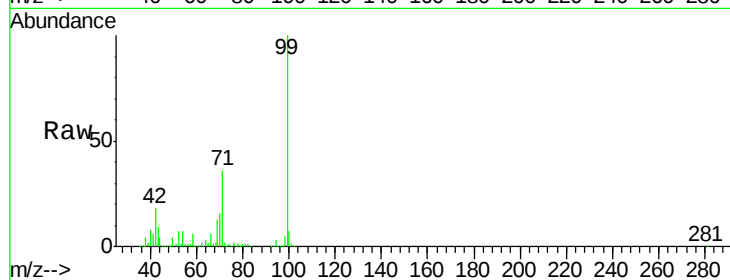
Acq: 30 Jun 2016 21:56

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Tgt Ion: 99 Resp: 1341802

Ion Ratio Lower Upper

99 100

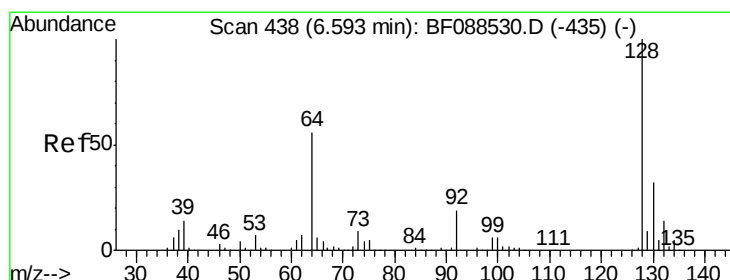
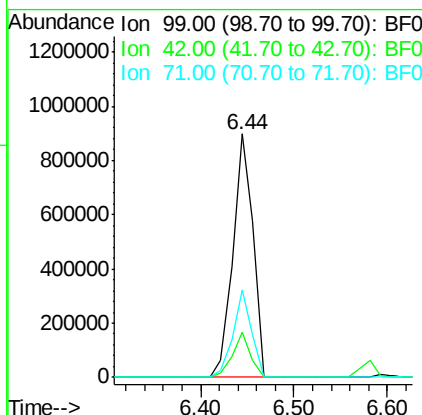
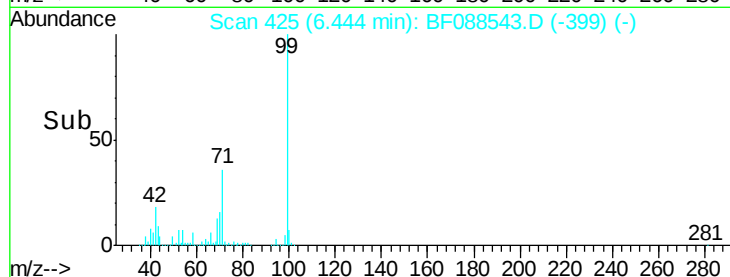
42 18.5 12.2 18.2#

71 36.0 23.4 35.0#

Manual Integrations

SOHIL

7/1/2016 8:05:20 AM



#8

2-Chlorophenol

Concen: 19.81 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

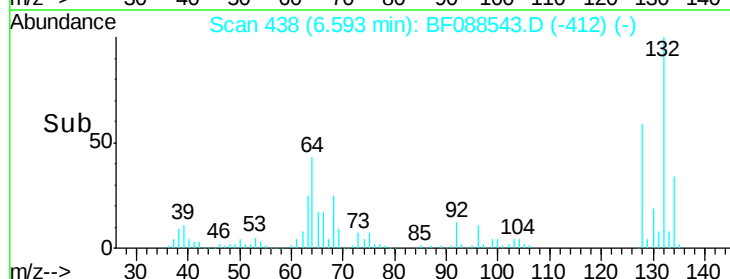
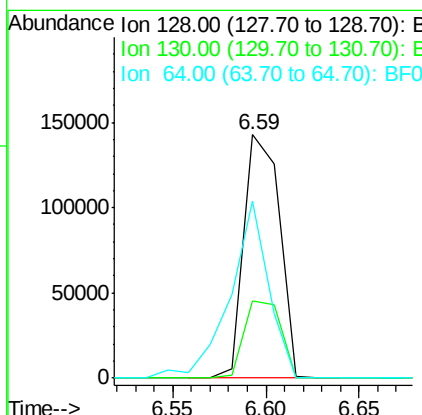
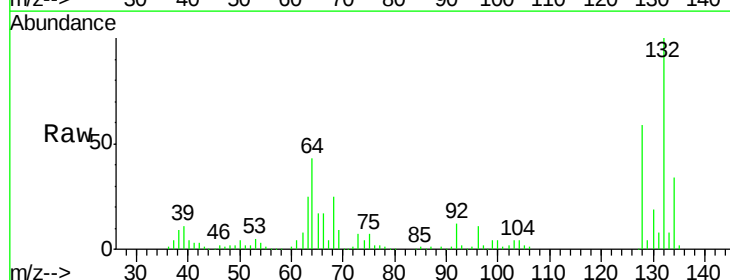
Tgt Ion: 128 Resp: 188044

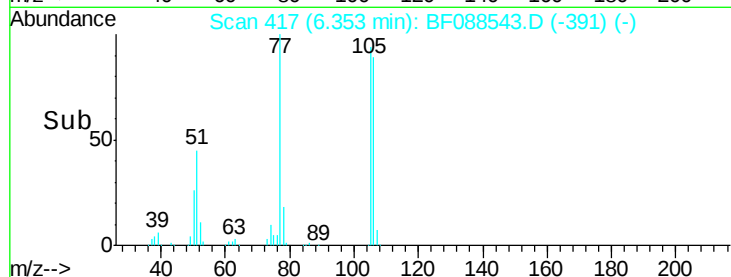
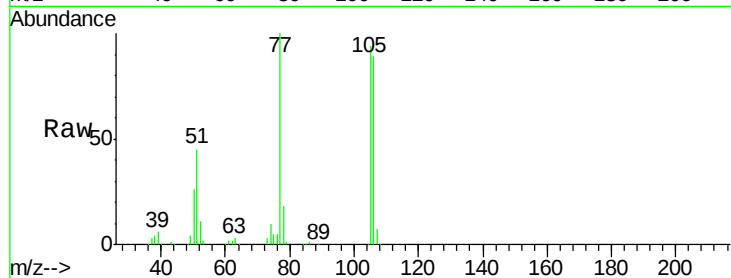
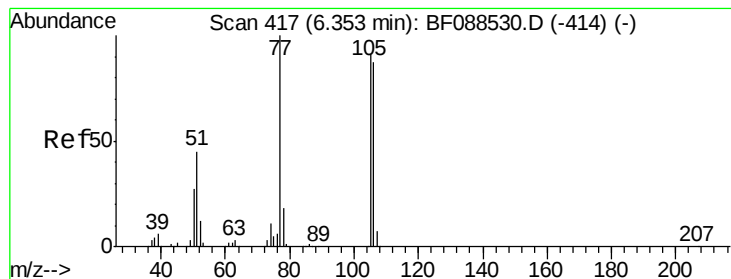
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 72.5 30.8 70.8#





#9

Benzaldehyde

Concen: 18.39 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion:	77	Resp:	142116
Ion Ratio	Lower	Upper	
77	100		
105	94.2	90.6	130.6
106	88.6	85.3	125.3

Instrument :

BNA_F

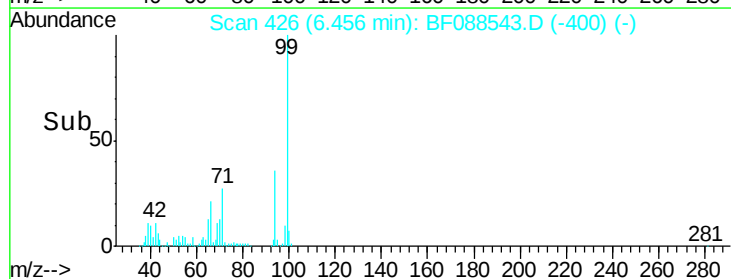
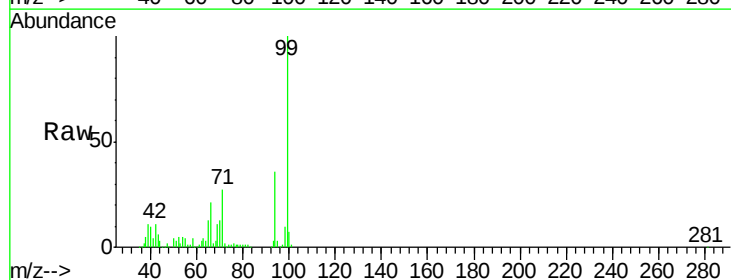
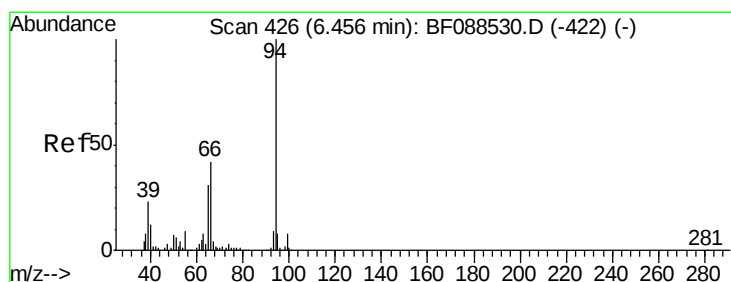
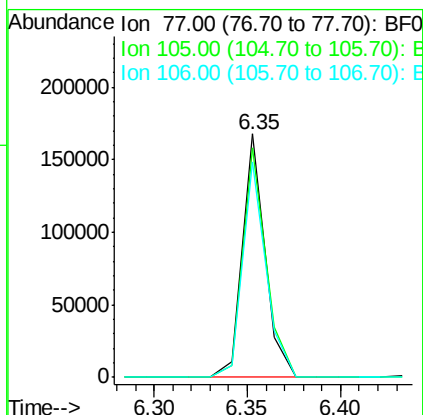
ClientSampleId :

PB91726BS

Manual Integrations

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#10

Phenol

Concen: 15.87 ng

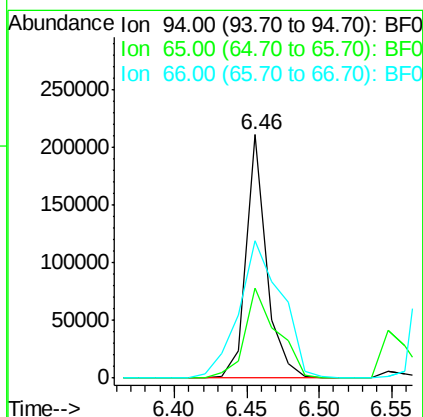
RT: 6.46 min Scan# 426

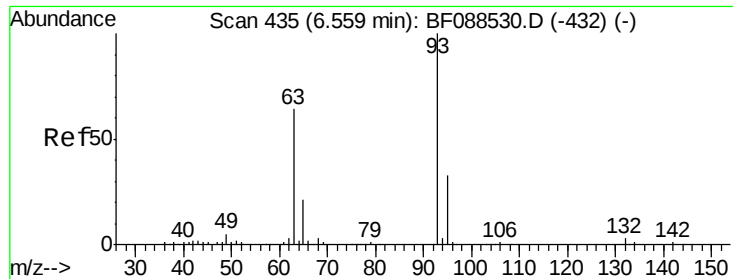
Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion:	94	Resp:	206656
Ion Ratio	Lower	Upper	
94	100		
65	36.9	5.9	45.9
66	56.5	14.0	54.0#





#11

bis(2-Chloroethyl)ether

Concen: 20.62 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

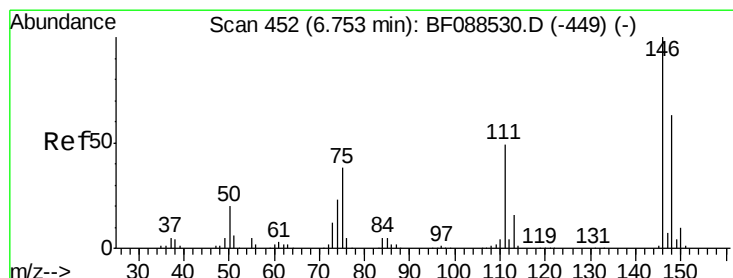
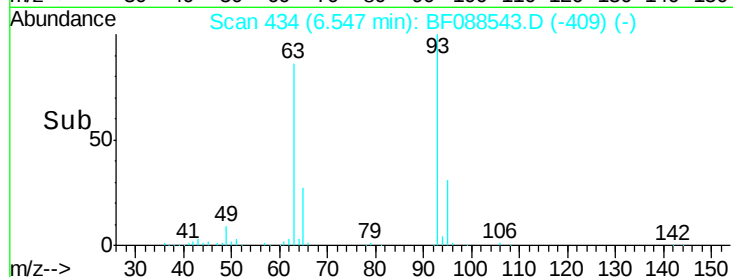
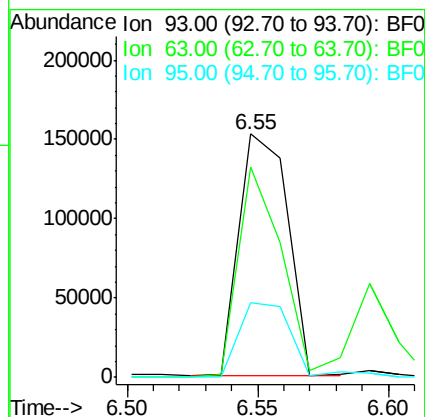
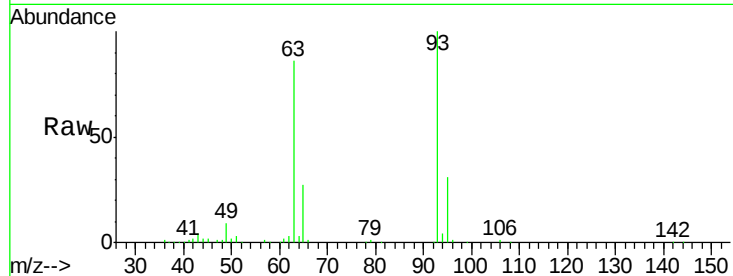
PB91726BS

Tgt Ion:	93	Resp:	200207
Ion Ratio	Lower	Upper	
93	100		
63	86.2	67.6	107.6
95	30.7	12.5	52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 20.65 ng

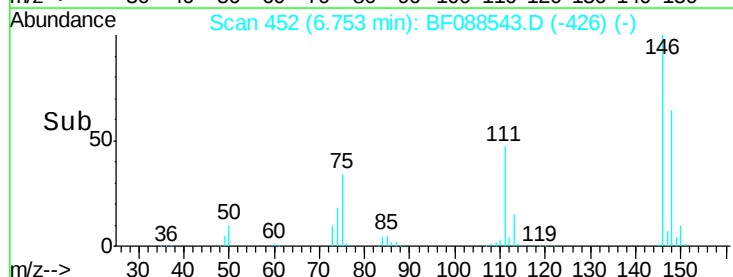
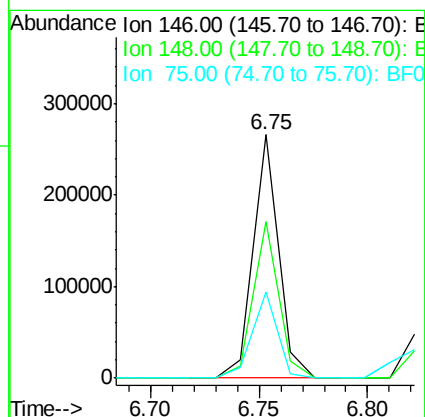
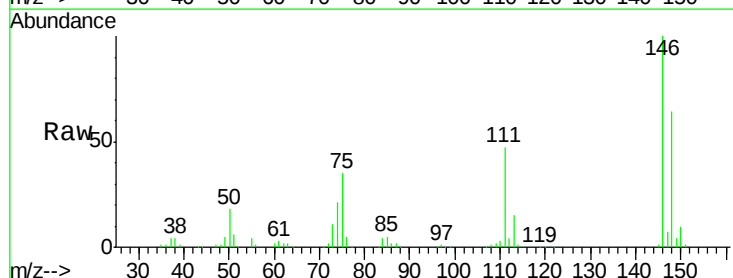
RT: 6.75 min Scan# 452

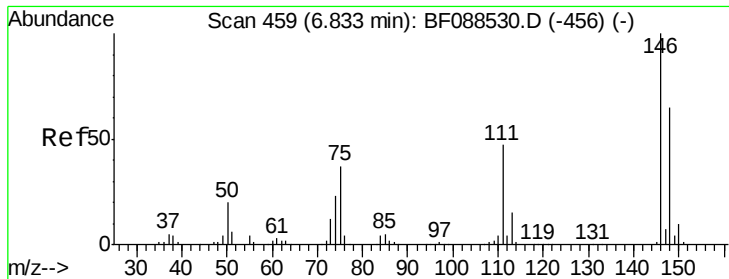
Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion:	146	Resp:	215703
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	35.2	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 21.86 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF088543.D

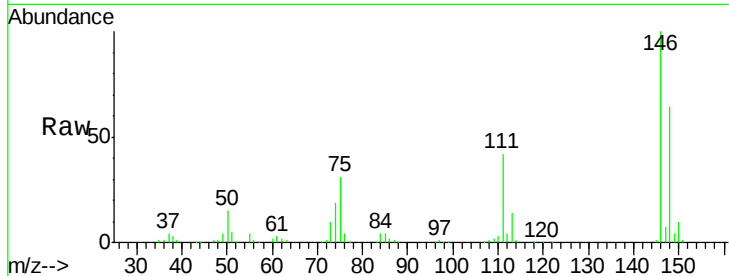
Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS



Tgt Ion:146 Resp: 226585

Ion Ratio Lower Upper

146 100

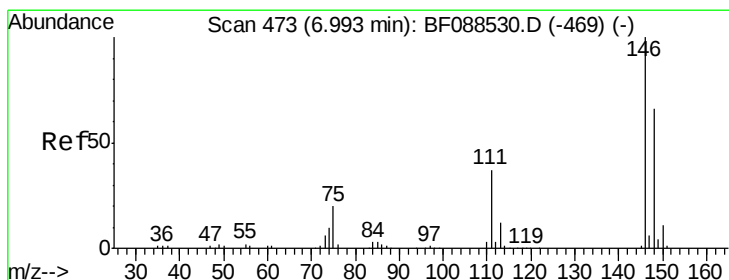
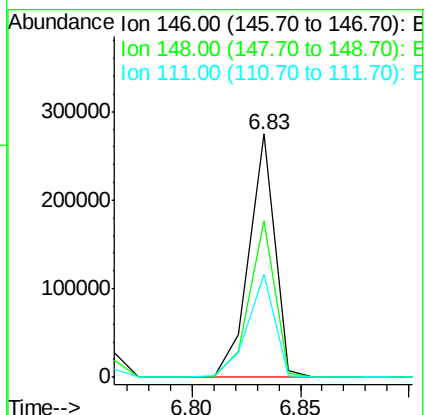
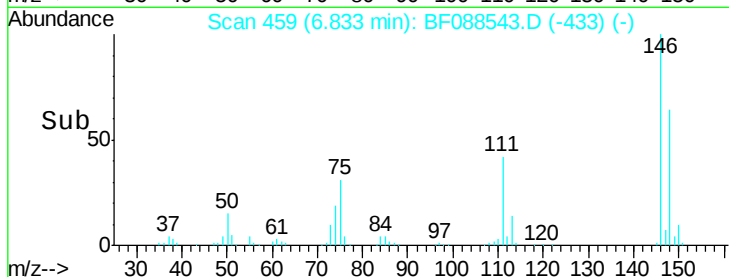
148 64.2 52.0 78.0

111 42.3 33.8 50.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 19.18 ng m

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

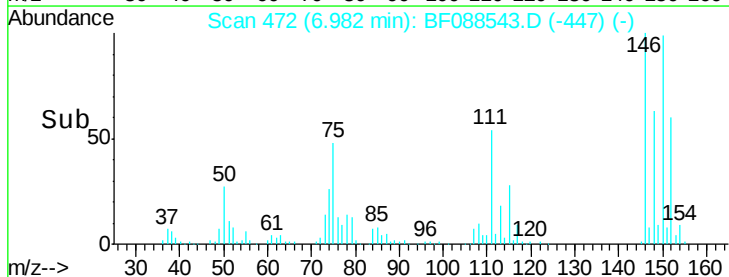
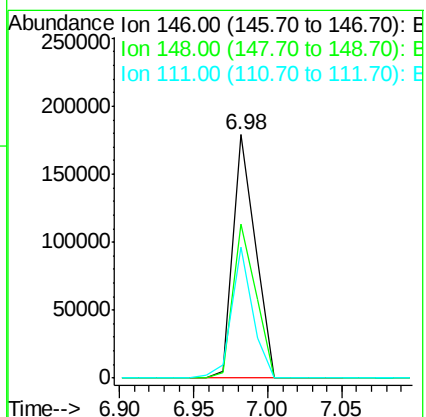
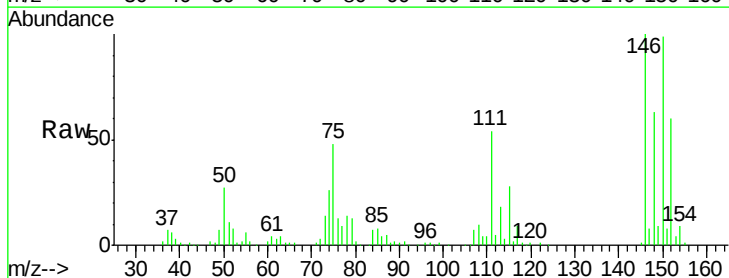
Tgt Ion:146 Resp: 186094

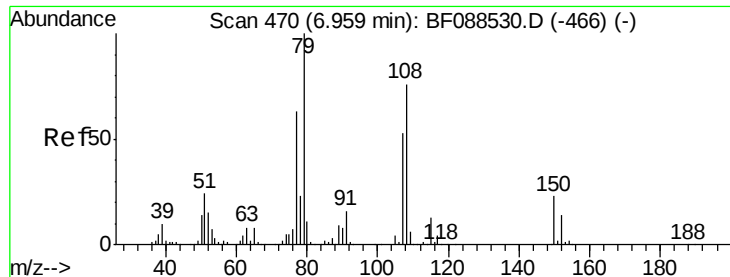
Ion Ratio Lower Upper

146 100

148 63.2 52.3 78.5

111 53.8 28.7 43.1#





#15

Benzyl Alcohol

Concen: 22.76 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion: 79 Resp: 191137

Ion Ratio Lower Upper

79 100

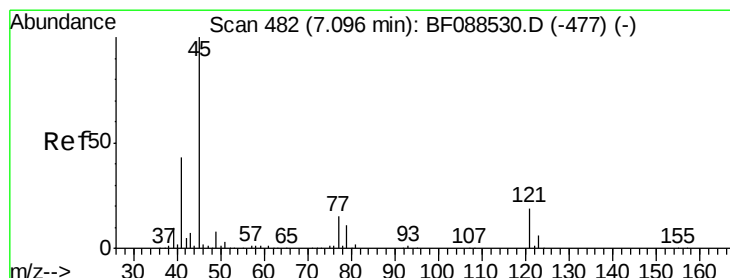
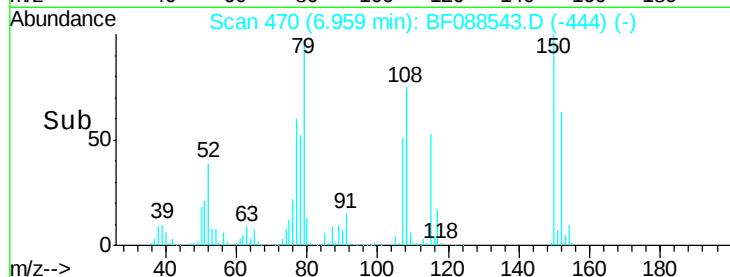
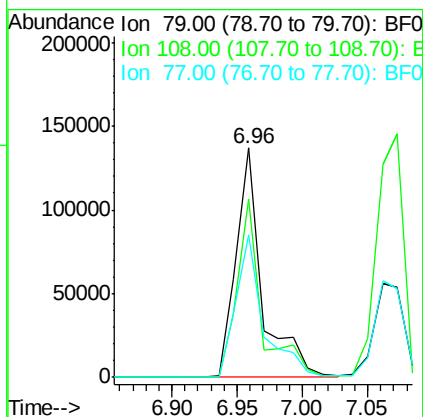
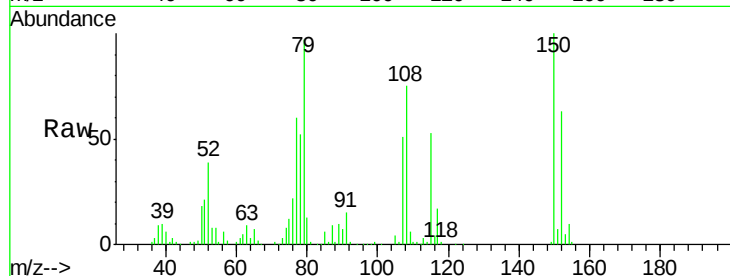
108 77.9 65.0 97.6

77 62.3 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.11 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

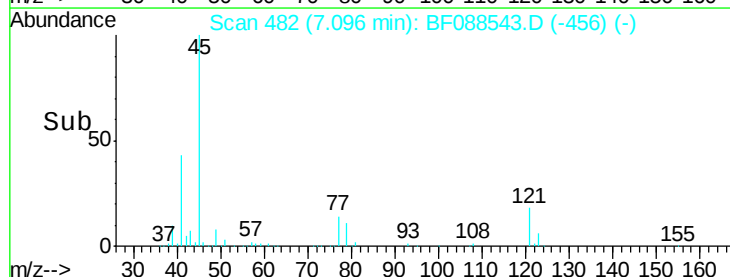
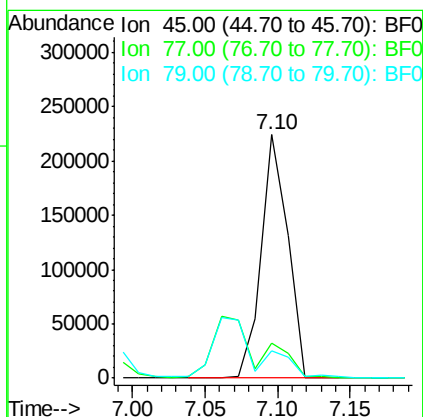
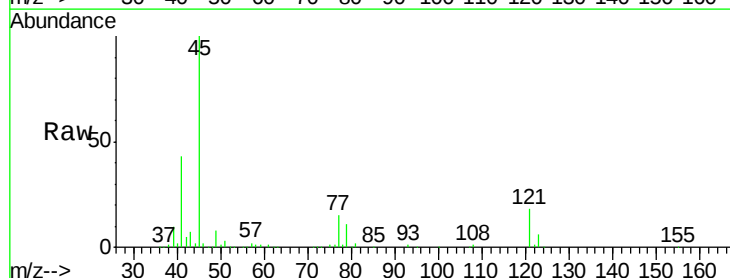
Tgt Ion: 45 Resp: 282865

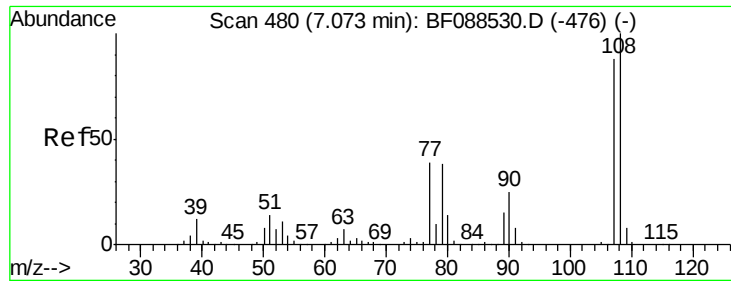
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.5

79 11.3 0.0 29.5





#17

2-Methylphenol

Concen: 23.25 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088543.D

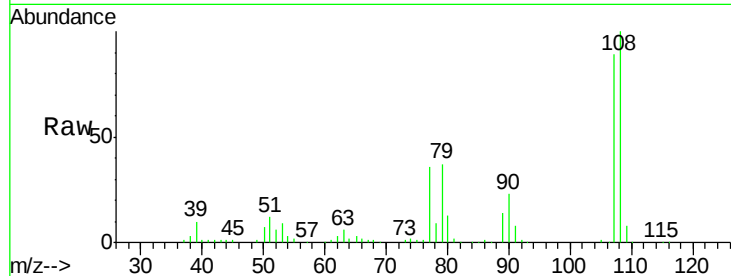
Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:107 Resp: 180001

Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

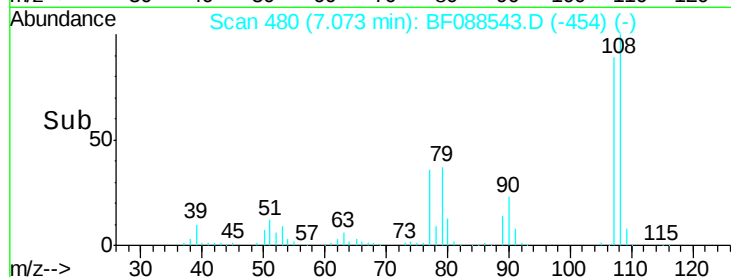
77 41.0 36.6 55.0

79 41.4 36.5 54.7

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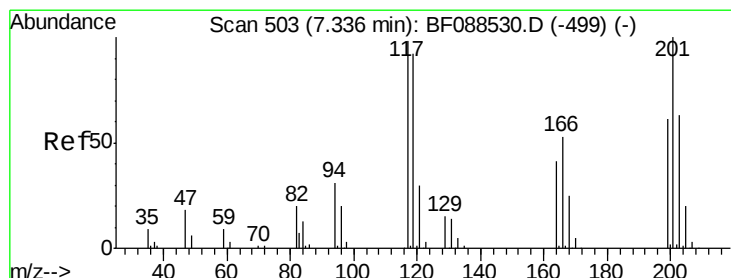
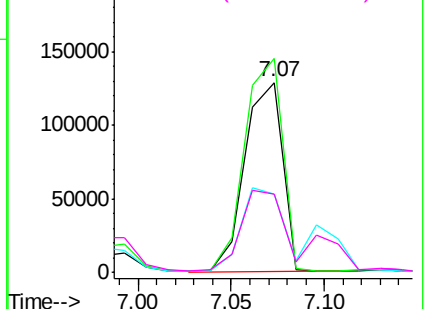


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 20.62 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

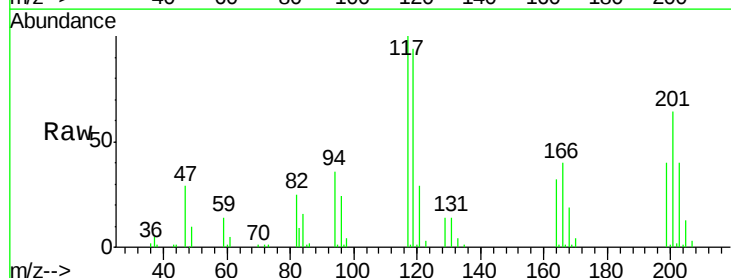
Tgt Ion:117 Resp: 82667

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.2

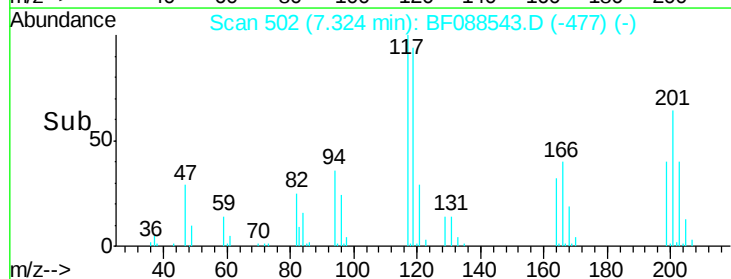
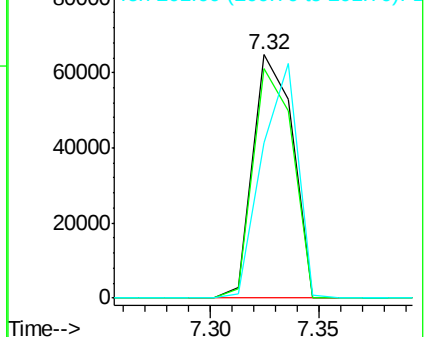
201 63.7 80.4 120.6#

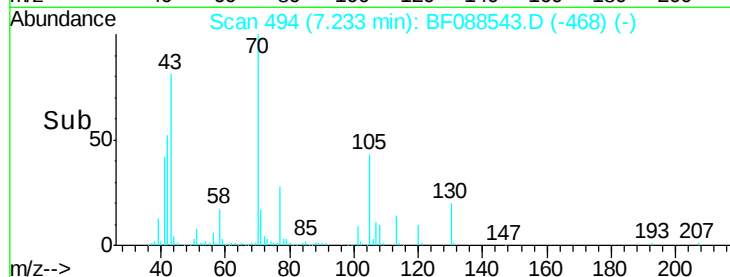
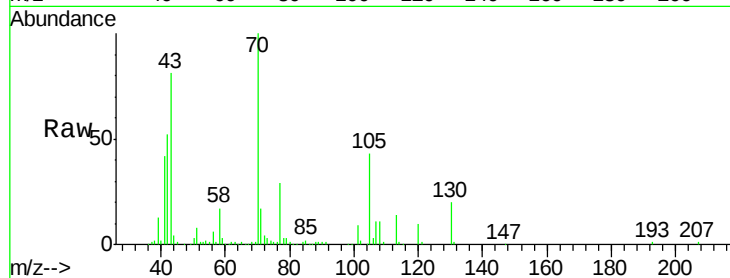
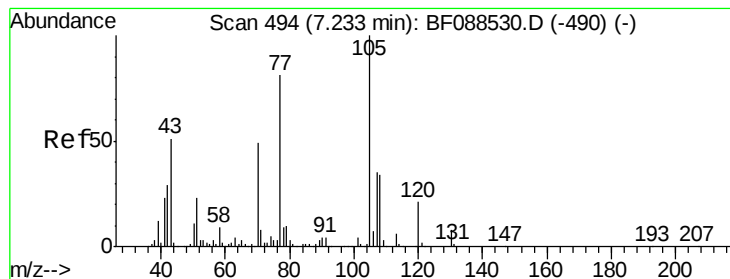


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 22.48 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

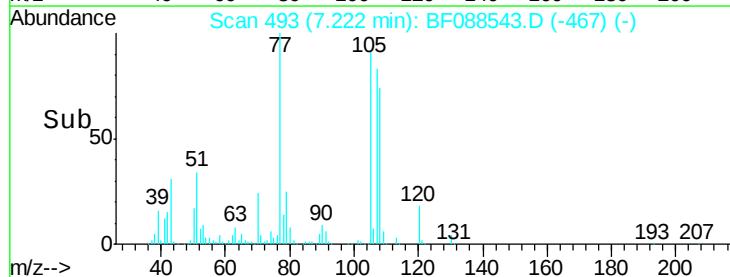
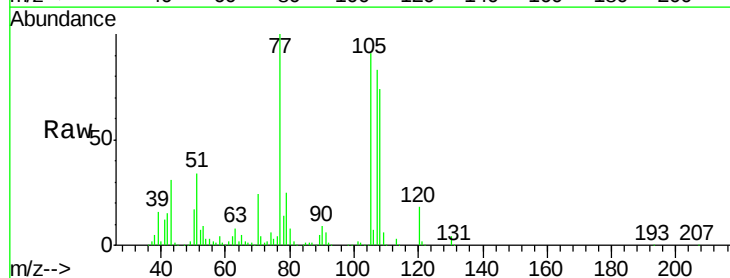
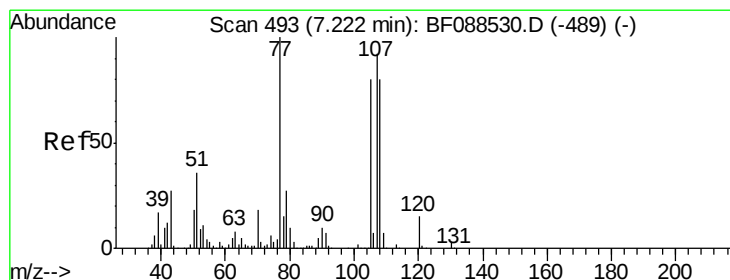
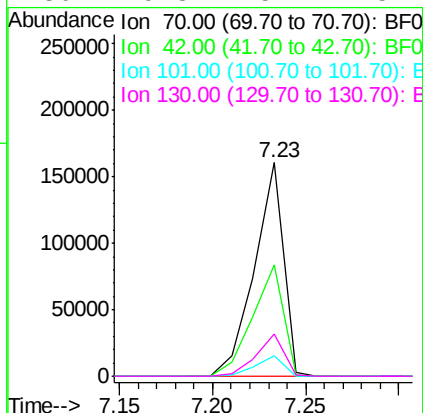
PB91726BS

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.6	74.4
101	9.4	7.1	10.7
130	19.8	15.4	23.2



#20

3+4-Methylphenols

Concen: 24.06 ng

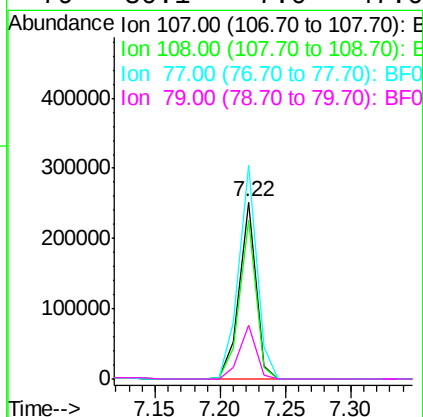
RT: 7.22 min Scan# 493

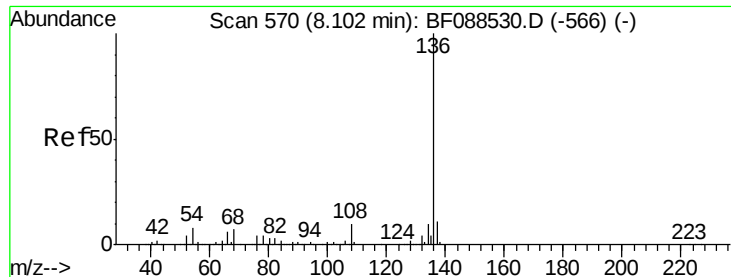
Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.8	107.8
77	120.8	59.3	99.3#
79	30.1	7.0	47.0





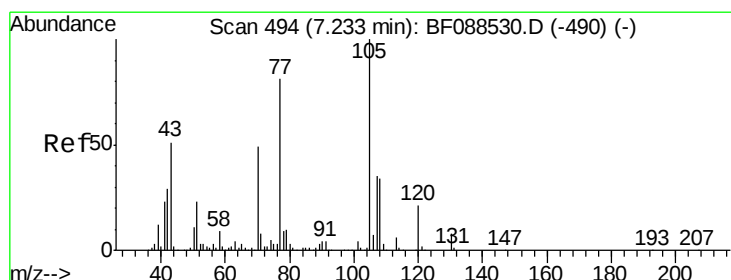
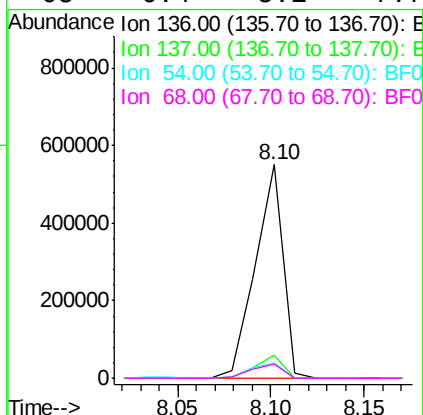
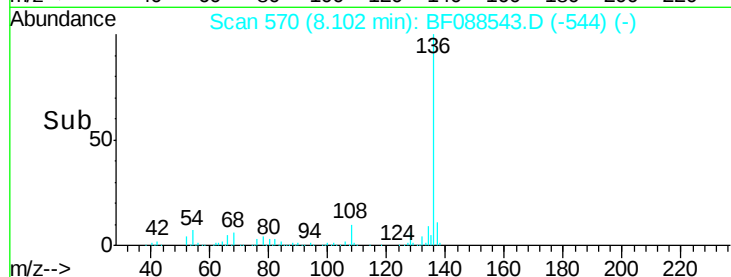
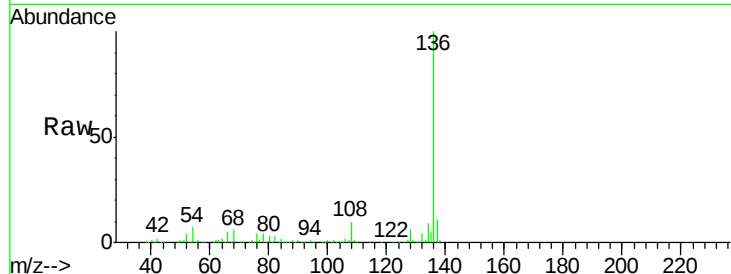
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	574513		
137	10.8		9.1	13.7
54	7.1		6.6	10.0
68	6.4		5.1	7.7

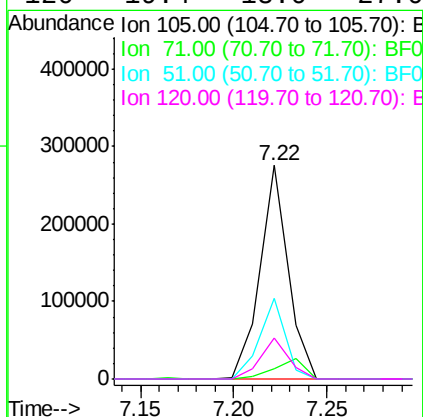
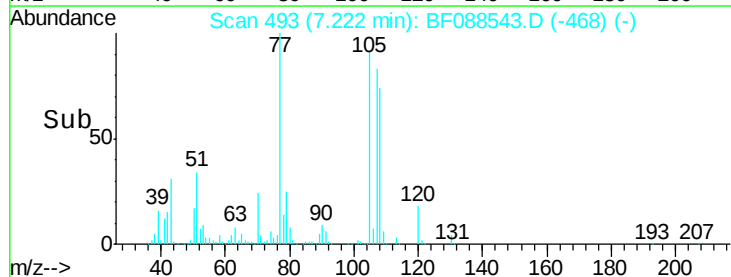
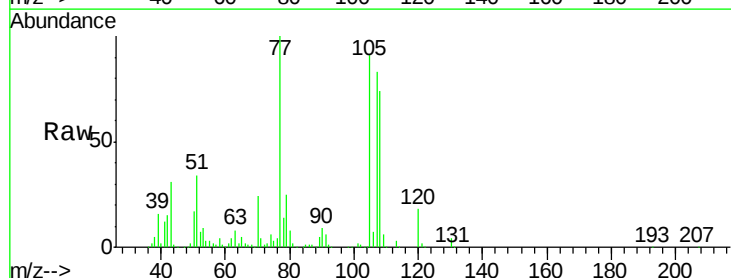
Manual Integrations

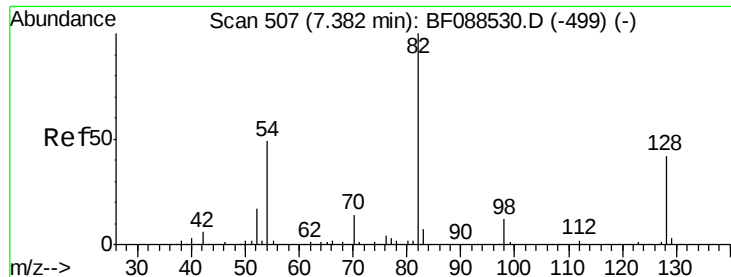
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#22
Acetophenone
Concen: 20.53 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	286216		
71	4.6		5.3	7.9#
51	37.6		18.2	27.4#
120	19.4		18.0	27.0





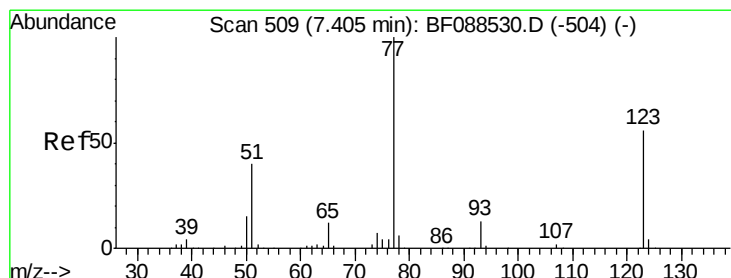
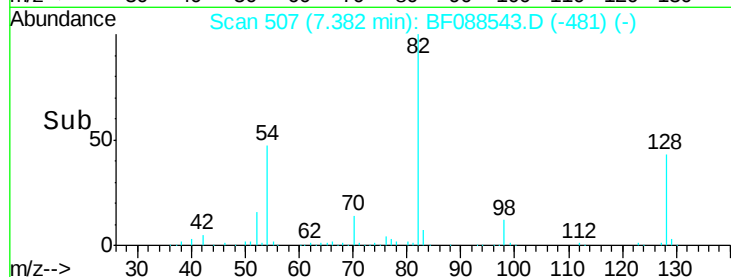
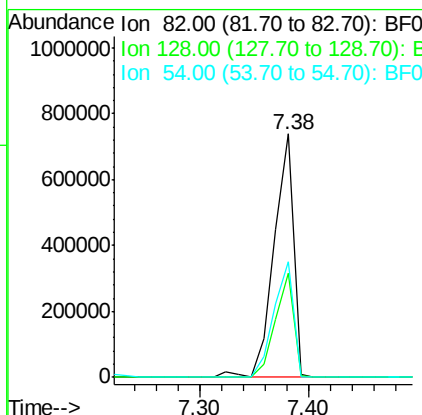
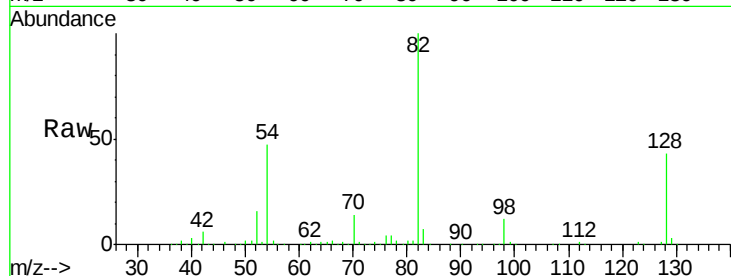
#23
 Nitrobenzene-d5
 Concen: 84.03 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleID :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.9	53.9
54	47.2	40.9	61.3

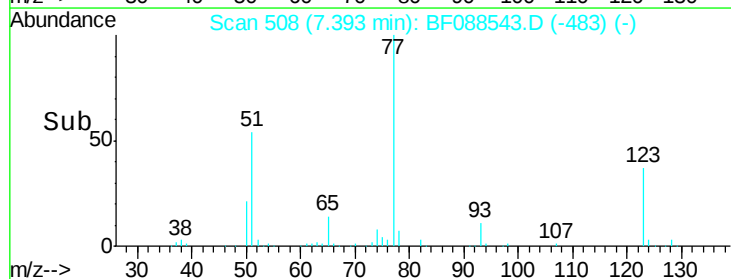
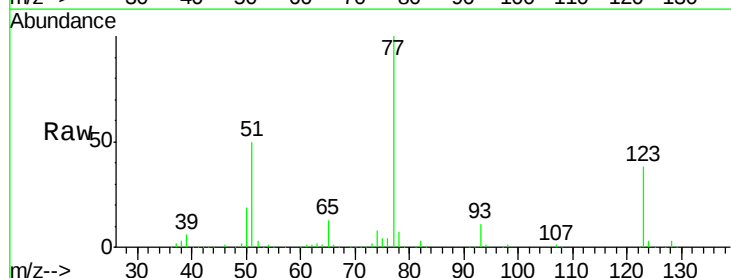
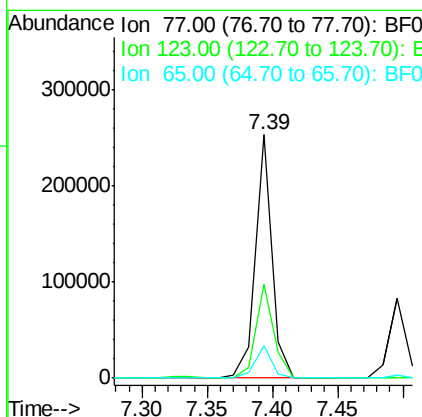
Manual Integrations

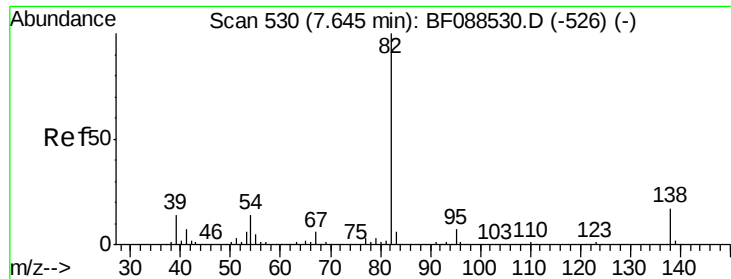
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#24
 Nitrobenzene
 Concen: 20.26 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	45.0	67.4#
65	13.2	10.2	15.2





#25

Isophorone

Concen: 20.50 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF088543.D

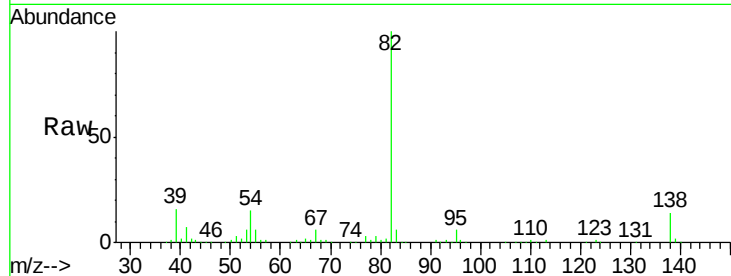
Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

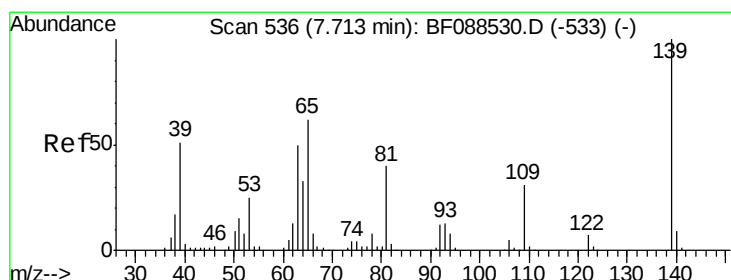
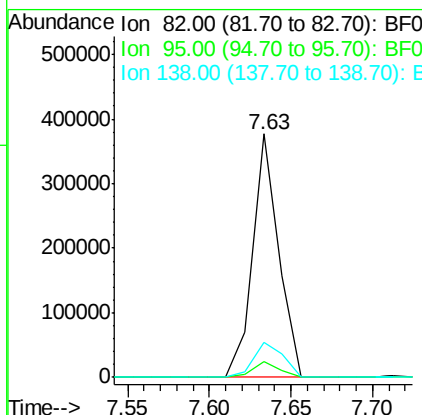
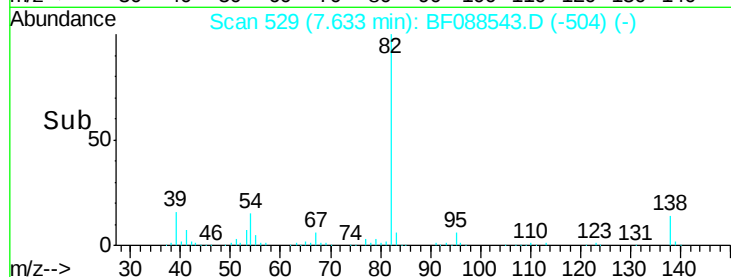


Tgt Ion:	82	Resp:	416344
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.4	8.2
138	14.4	14.6	21.8#

Manual Integrations

SOHIL

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#26

2-Nitrophenol

Concen: 22.28 ng

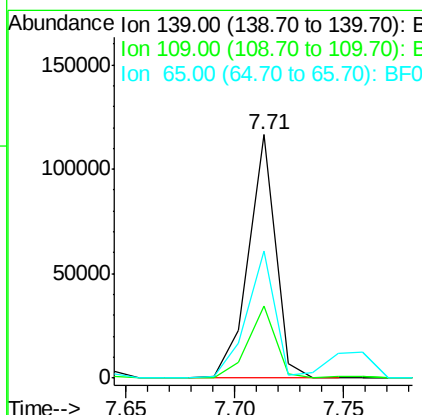
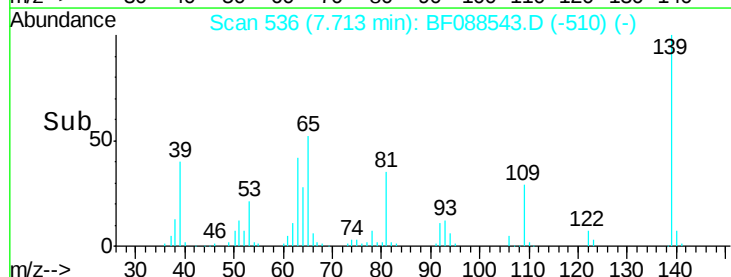
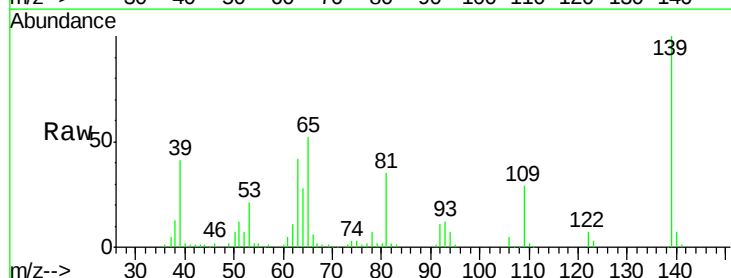
RT: 7.71 min Scan# 536

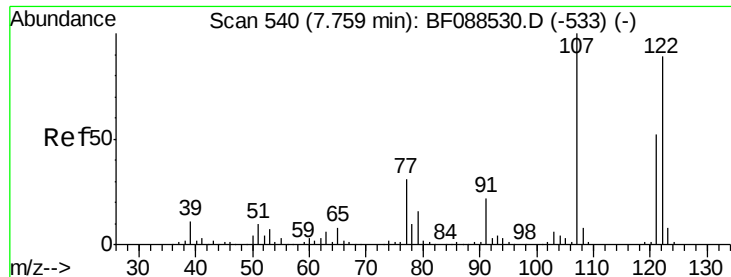
Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion:	139	Resp:	100972
Ion Ratio	Lower	Upper	
139	100		
109	29.4	23.0	34.4
65	52.0	45.8	68.8





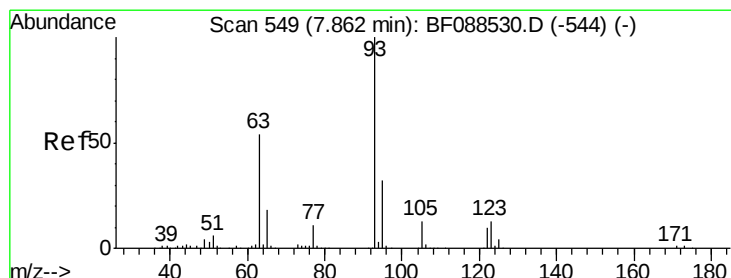
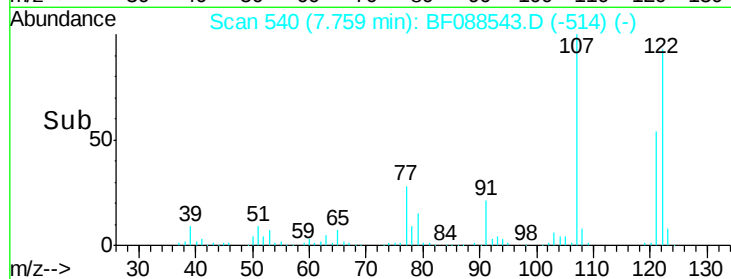
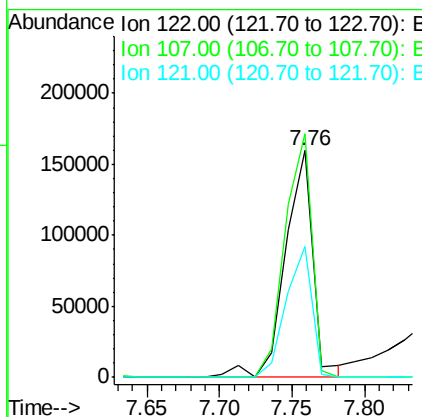
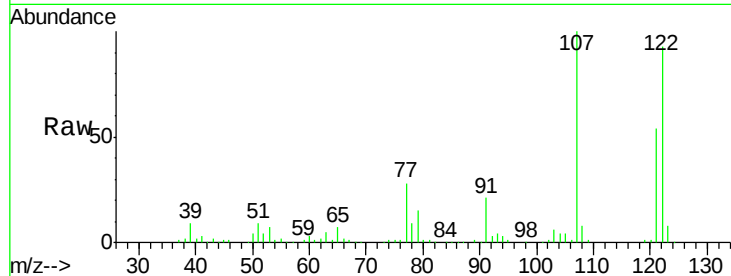
#27
 2,4-Dimethylphenol
 Concen: 22.36 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion: 122 Resp: 211071
 Ion Ratio Lower Upper
 122 100
 107 107.4 82.4 123.6
 121 58.0 46.3 69.5

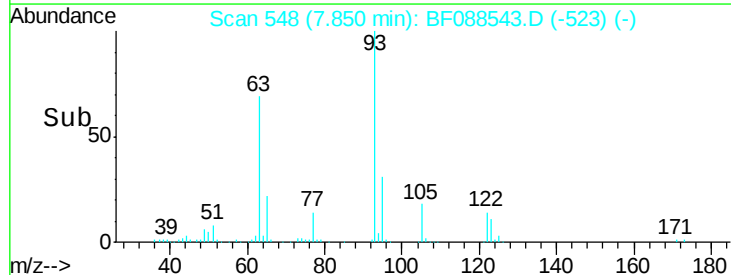
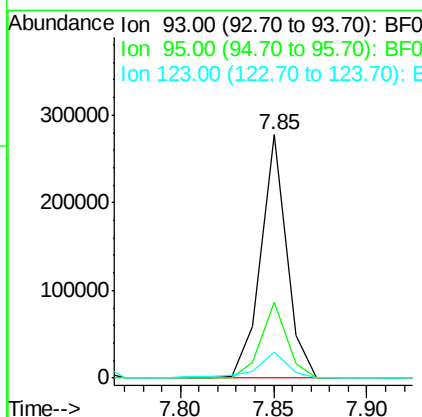
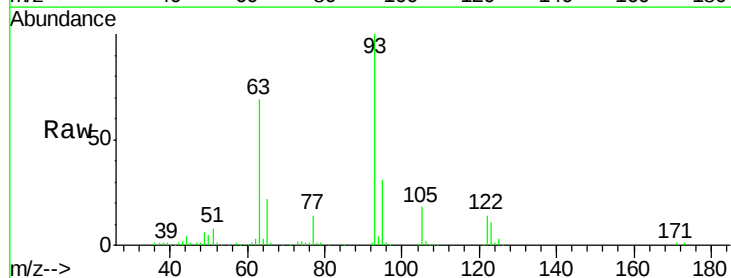
Manual Integrations

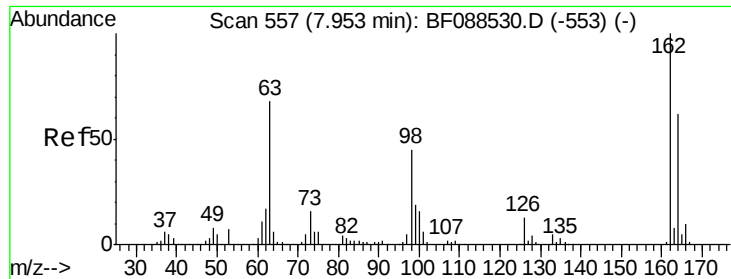
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#28
 bis(2-Chloroethoxy)methane
 Concen: 20.13 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion: 93 Resp: 265971
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.5 39.7
 123 10.7 11.6 17.4#





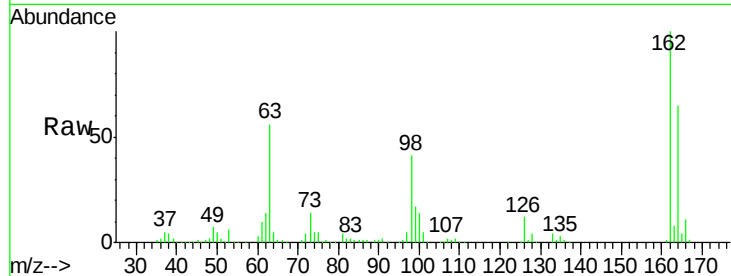
#29
2,4-Dichlorophenol
Concen: 23.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

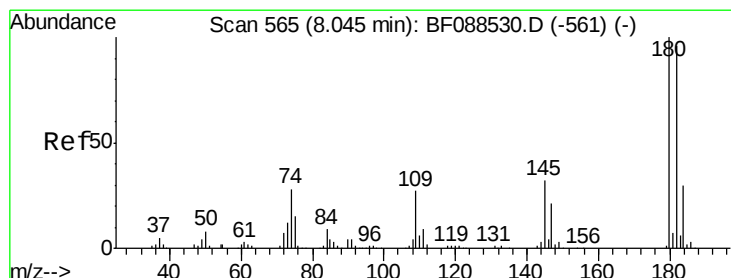
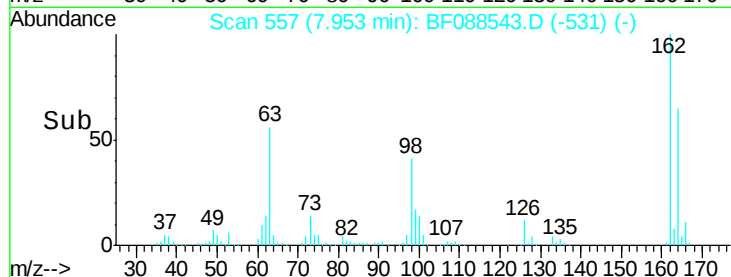
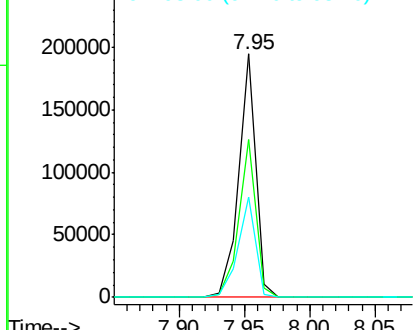
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	175469		
164	64.8	43.8	83.8	
98	41.1	21.3	61.3	

Manual Integrations

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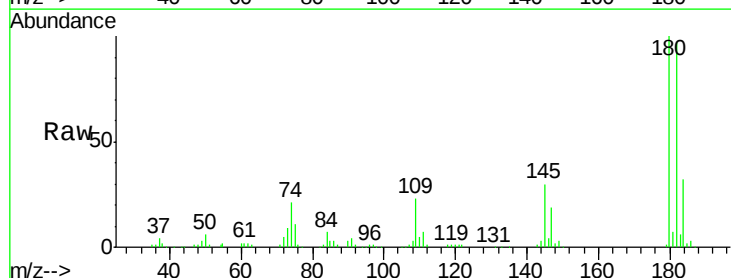


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

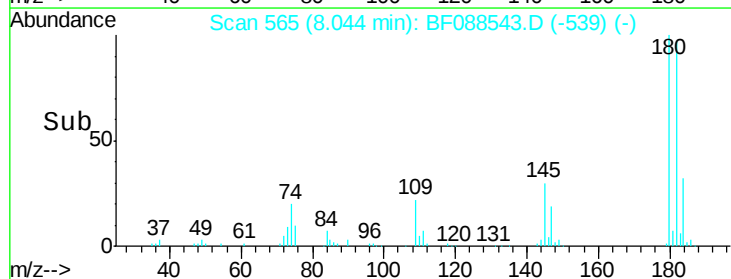
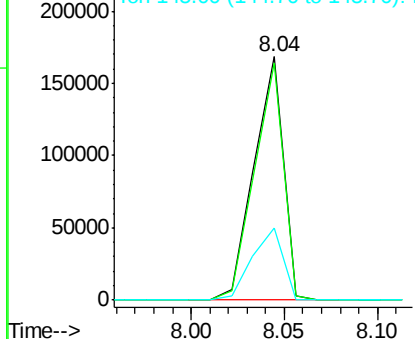


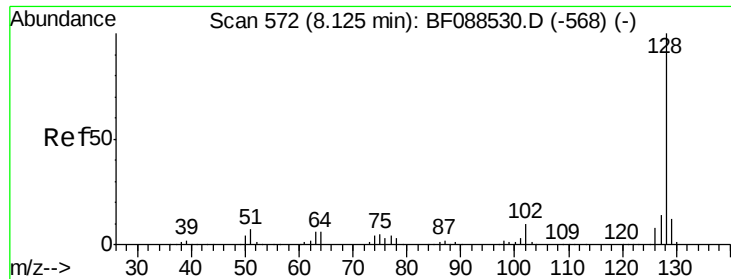
#30
1,2,4-Trichlorobenzene
Concen: 21.80 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182565		
182	97.5	76.0	114.0	
145	29.8	26.5	39.7	



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





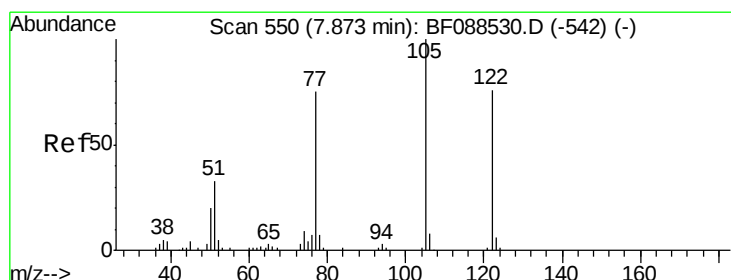
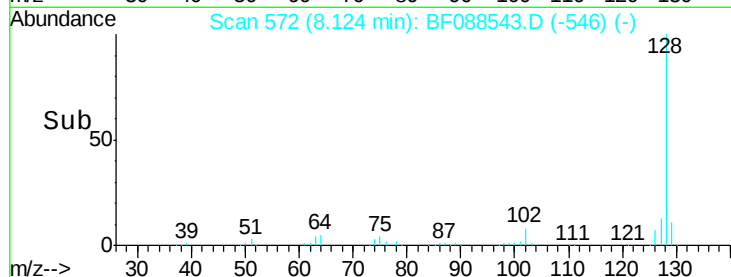
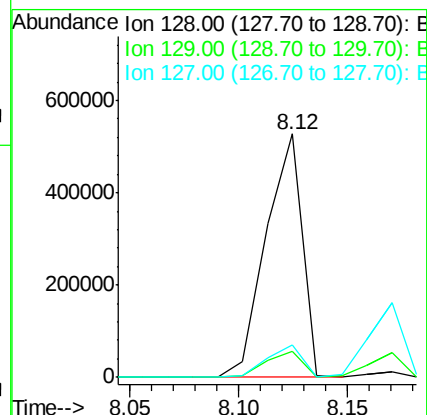
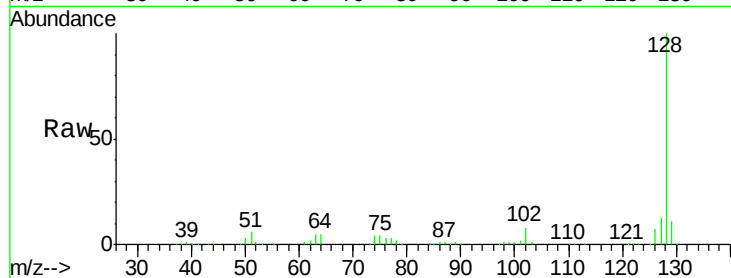
#31
Naphthalene
Concen: 21.72 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.1	10.9	16.3

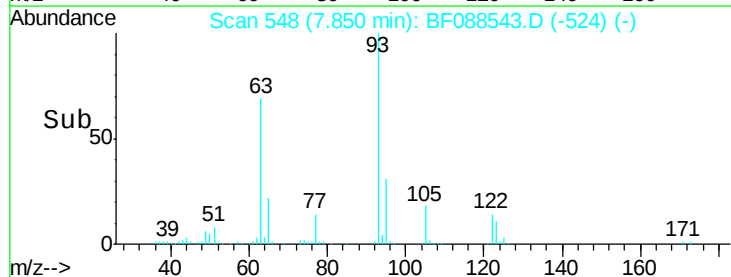
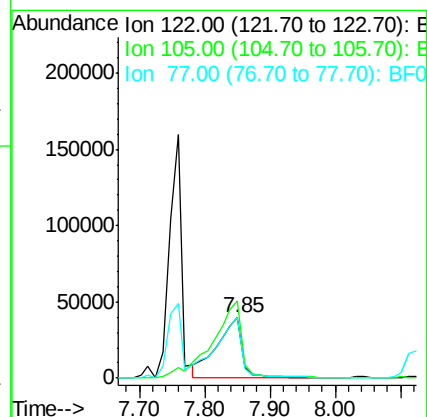
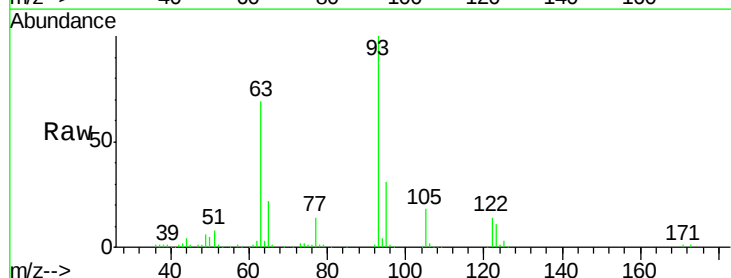
Manual Integrations

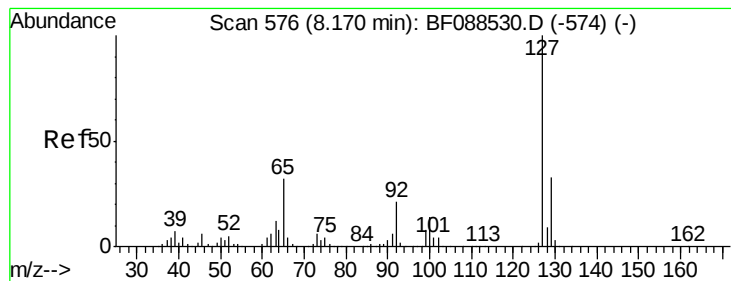
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#32
Benzoic acid
Concen: 15.95 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.4	101.6	141.6
77	100.2	70.6	110.6





#33

4-Chloroaniline

Concen: 14.15 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

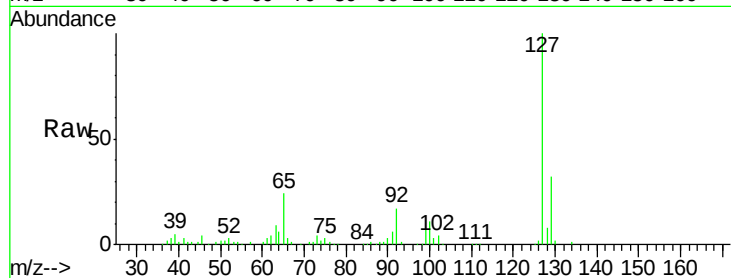
ClientSampleId :

PB91726BS

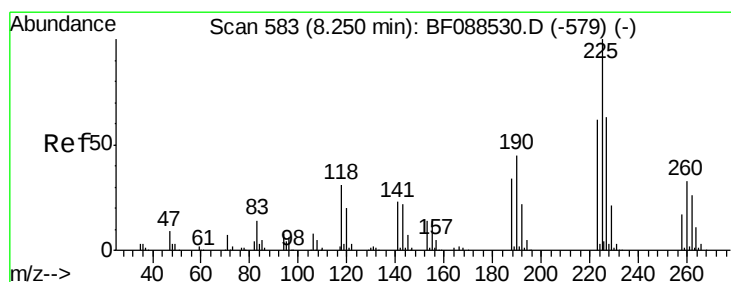
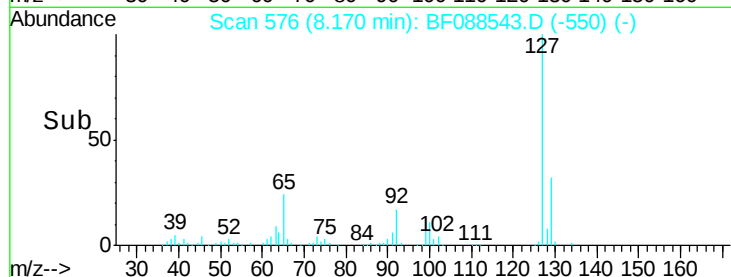
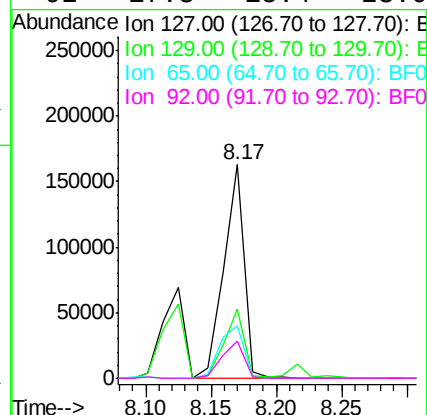
Manual Integrations

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7/1/2016 8:05:20 AM



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	24.4	24.7	37.1#
92	17.3	15.4	23.0



#34

Hexachlorobutadiene

Concen: 20.71 ng

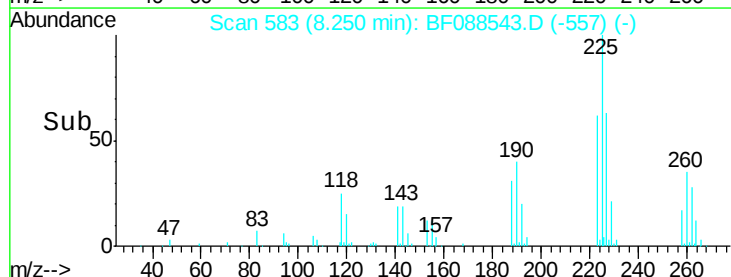
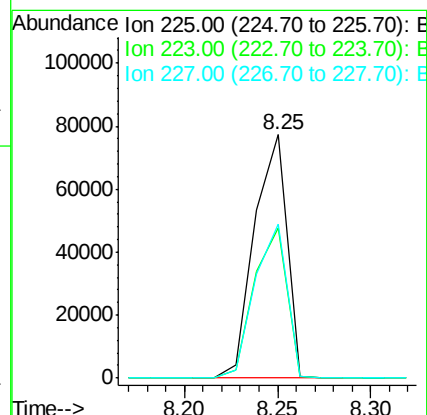
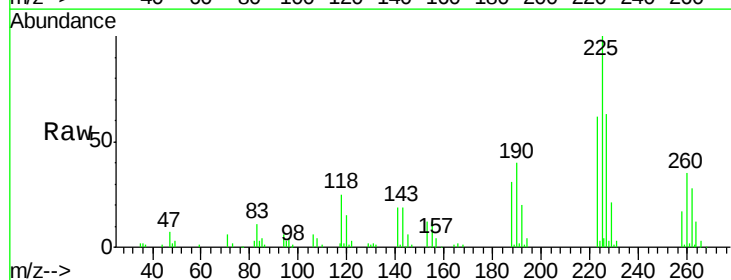
RT: 8.25 min Scan# 583

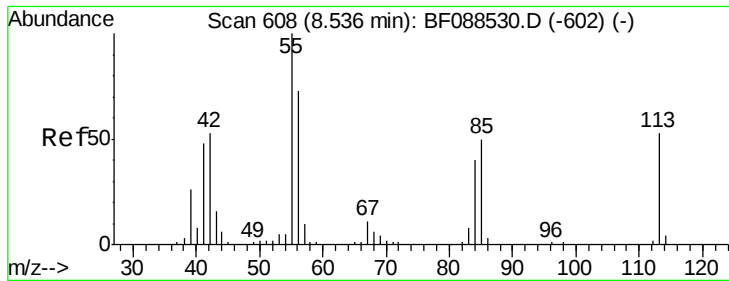
Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	63.2	51.9	77.9





#35

Caprolactam

Concen: 22.56 ng m

RT: 8.51 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

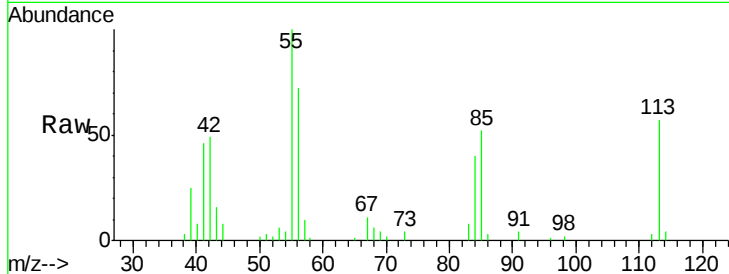
ClientSampleId :

PB91726BS

Manual Integrations

SOHIL

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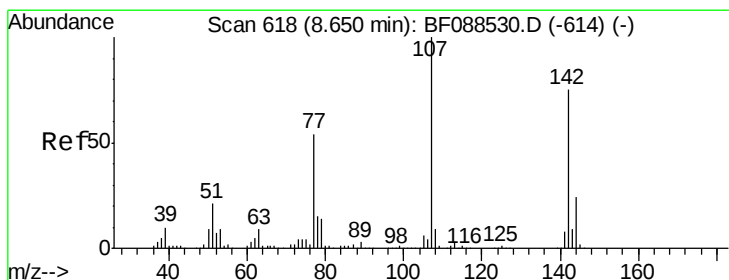
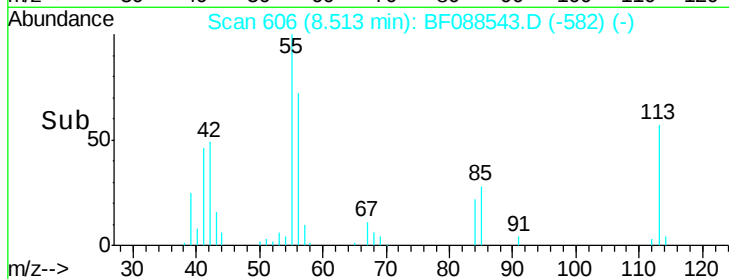
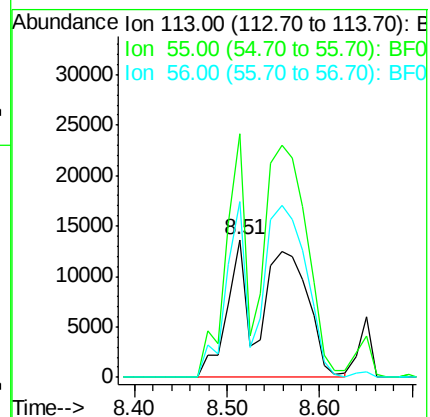
Tgt Ion:113 Resp: 58463

Ion Ratio Lower Upper

113 100

55 176.8 158.6 198.6

56 127.8 110.6 150.6



#36

4-Chloro-3-methylphenol

Concen: 22.63 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

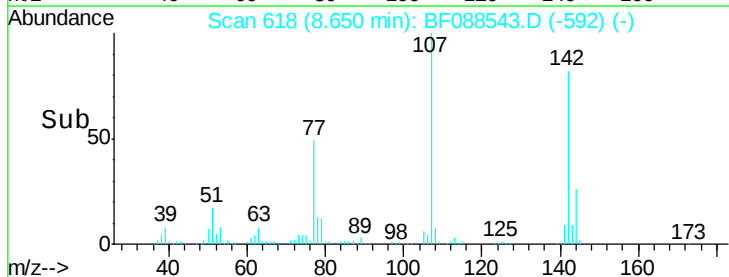
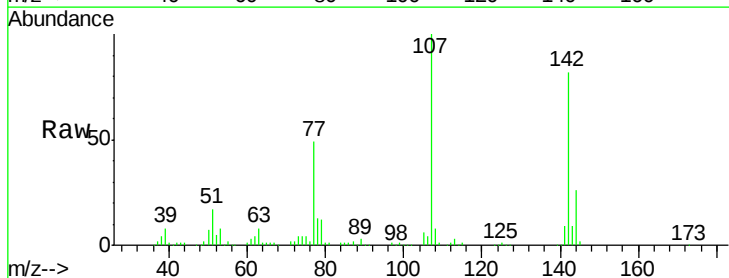
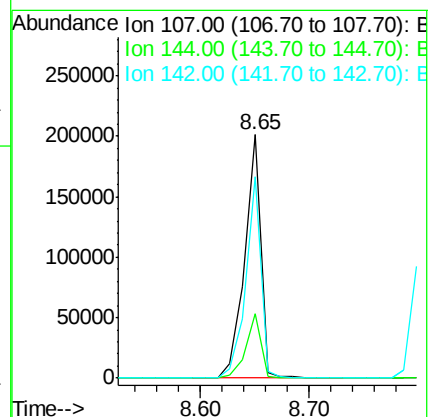
Tgt Ion:107 Resp: 204210

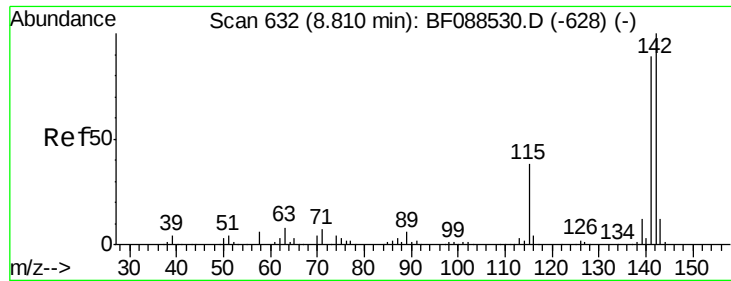
Ion Ratio Lower Upper

107 100

144 26.3 20.8 31.2

142 82.5 63.4 95.2





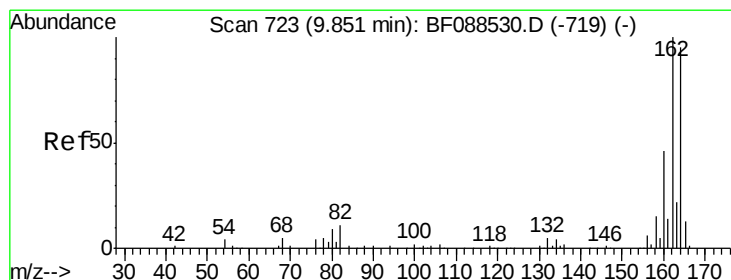
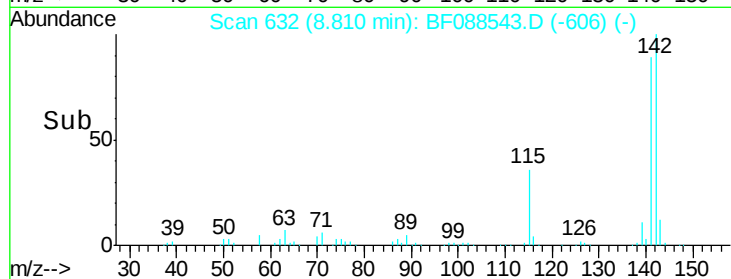
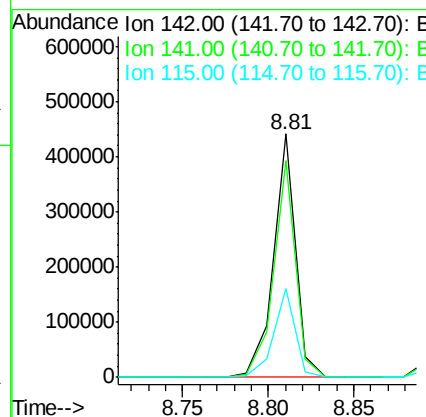
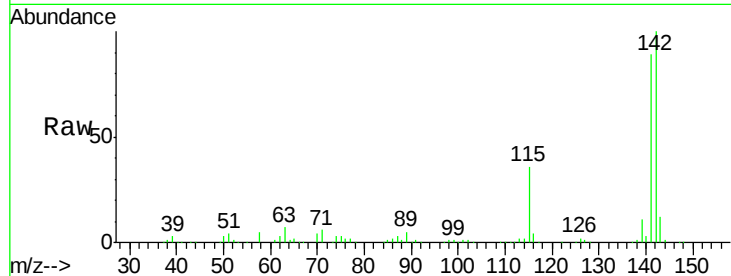
#37
2-Methylnaphthalene
Concen: 21.74 ng m
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	36.5	22.6	33.8

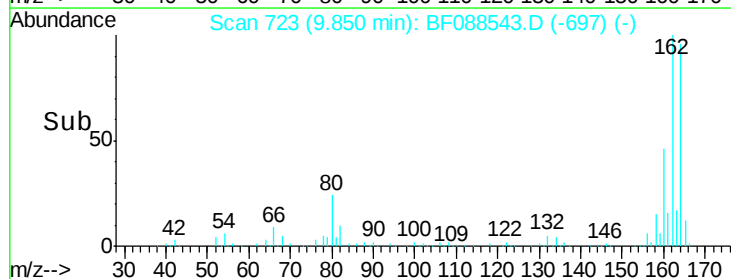
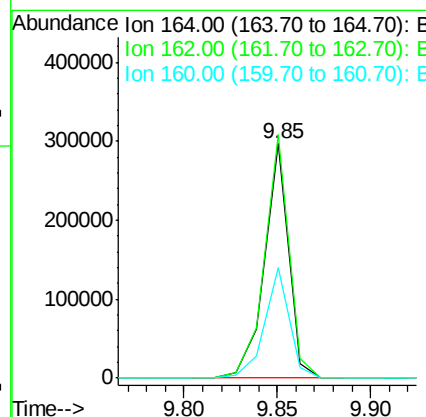
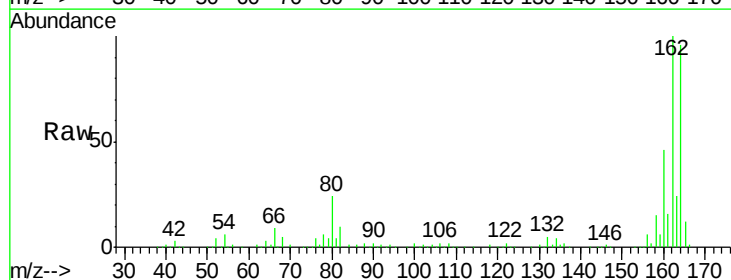
Manual Integrations

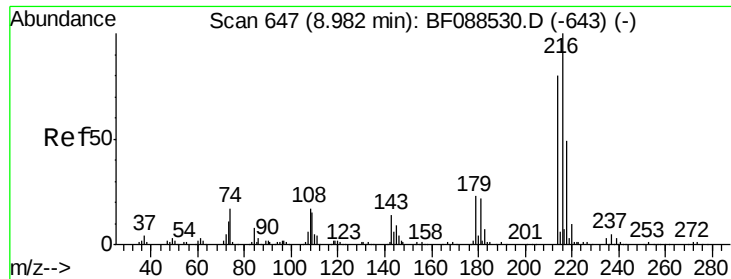
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	47.3	39.5	59.3





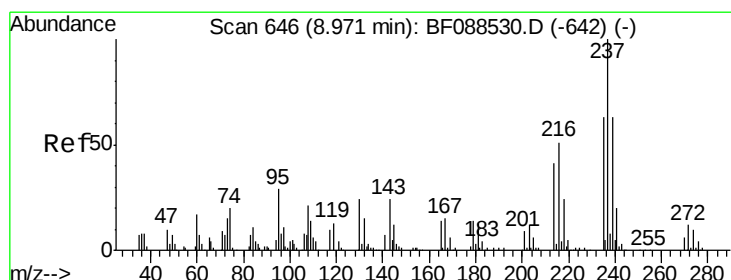
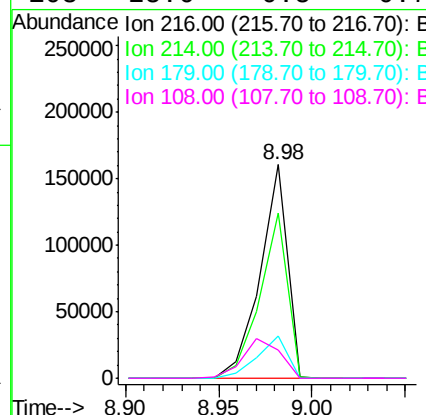
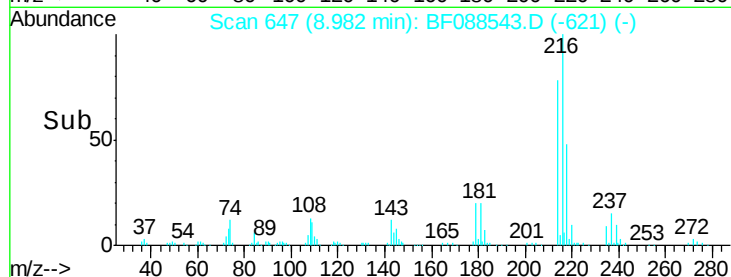
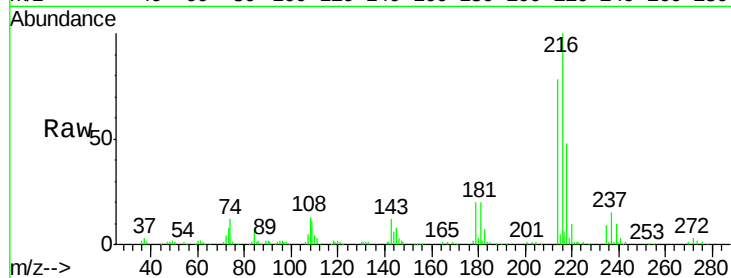
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.40 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	2.9	4.3#
179	21.8	0.0	0.0#
108	25.6	0.5	0.7#

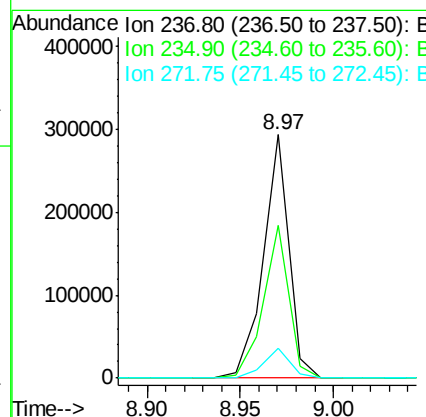
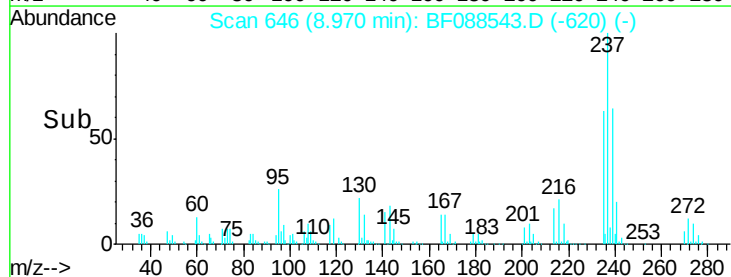
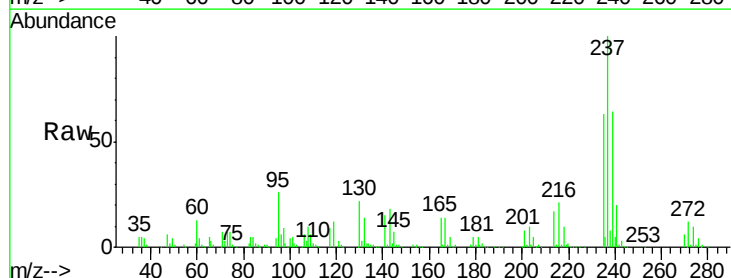
Manual Integrations

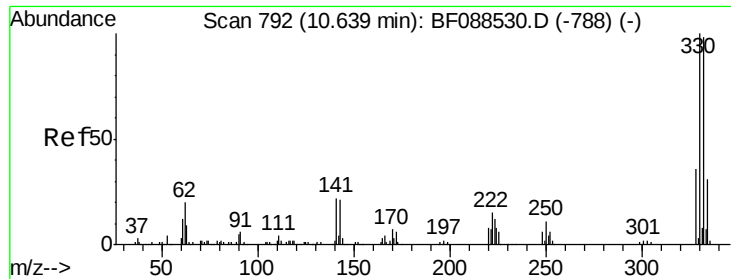
APPROVED
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#40
 Hexachlorocyclopentadiene
 Concen: 64.01 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.4	83.4
272	12.3	0.0	32.3





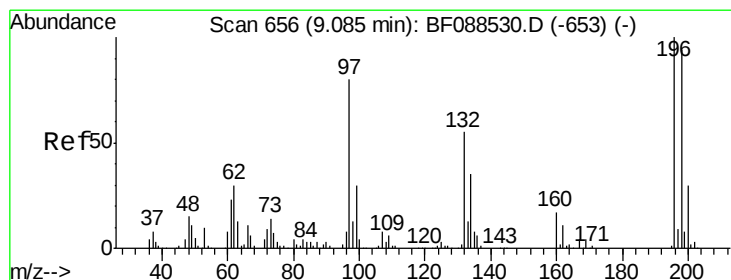
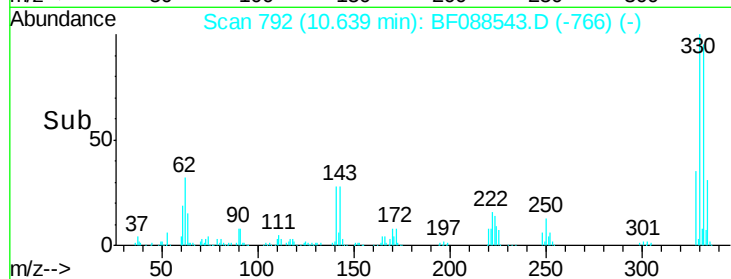
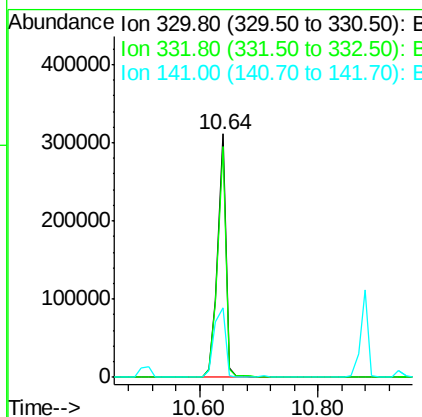
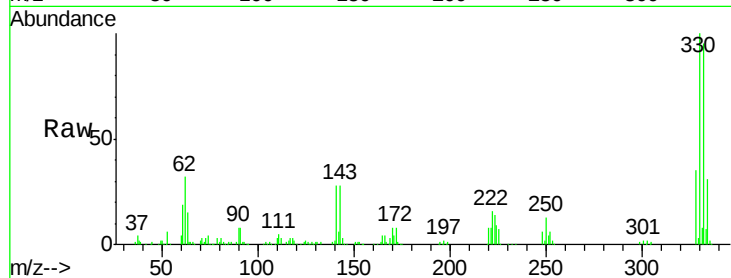
#41
 2,4,6-Tribromophenol
 Concen: 124.48 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	304871		
332	95.6	0.0	0.0	0.0
141	39.1	0.0	0.0	0.0

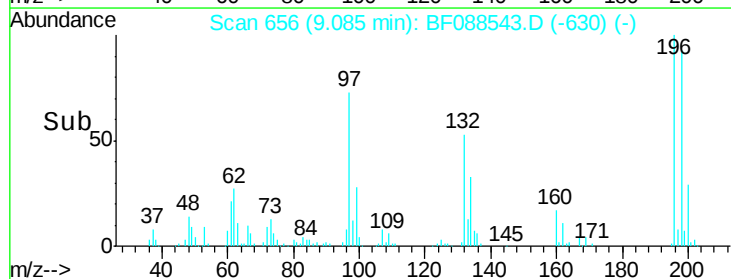
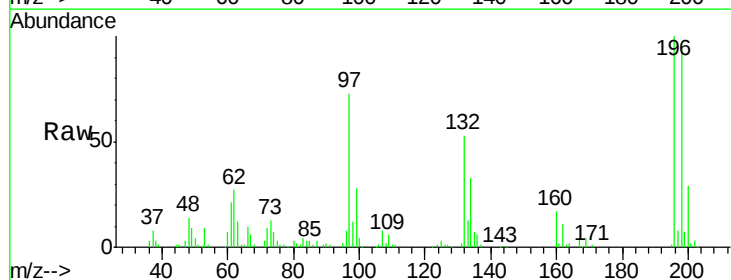
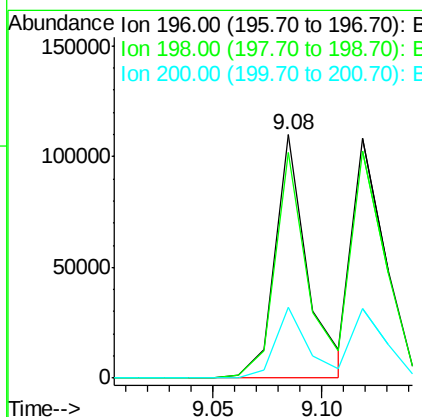
Manual Integrations

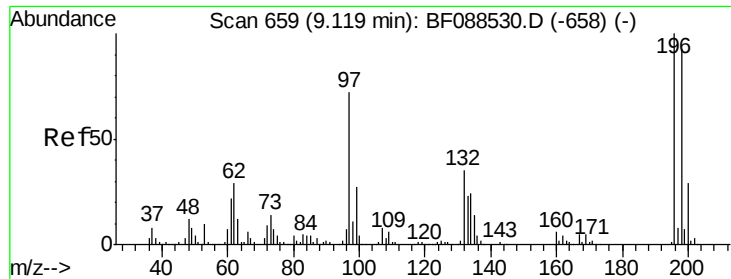
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#42
 2,4,6-Trichlorophenol
 Concen: 19.82 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114649		
198	92.9	78.0	117.0	
200	29.3	25.4	38.2	





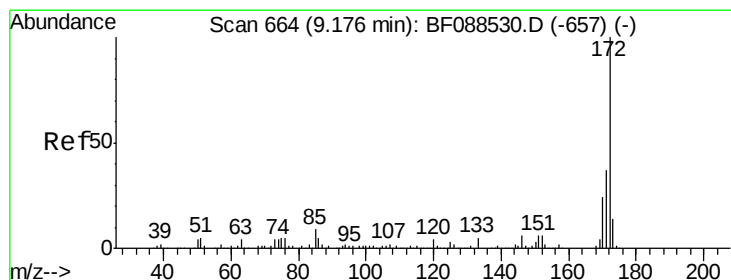
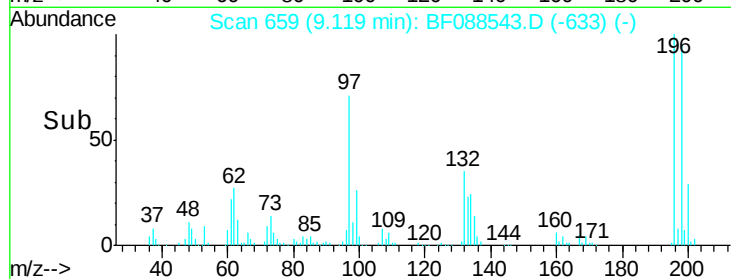
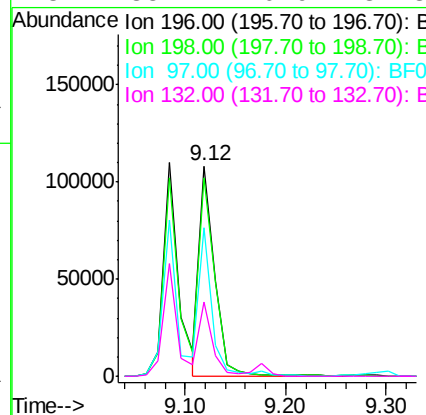
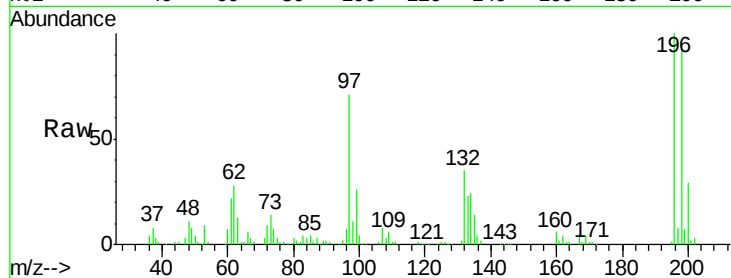
#43
 2,4,5-Trichlorophenol
 Concen: 23.18 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		115375		
198	94.7	77.5	116.3		
97	70.7	32.0	48.0#		
132	35.1	20.9	31.3#		

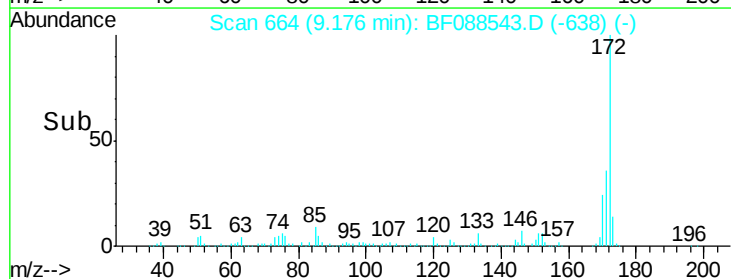
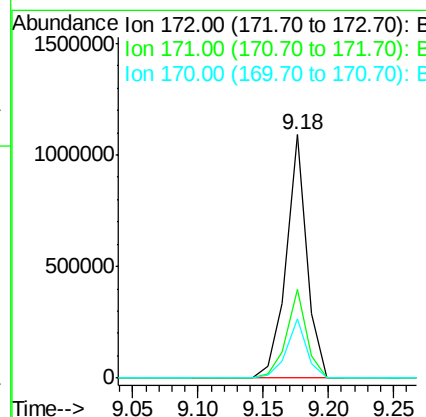
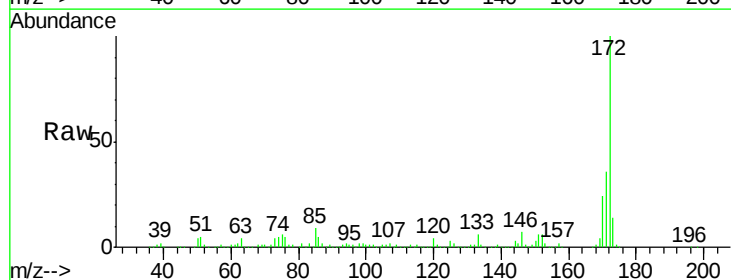
Manual Integrations

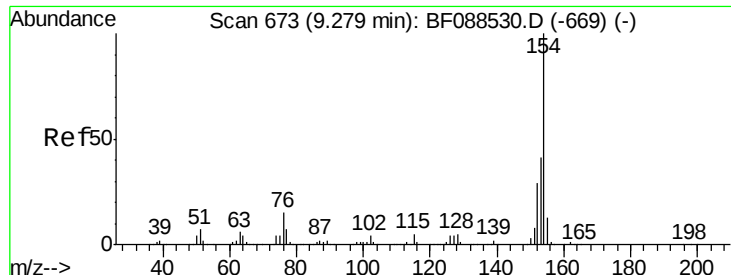
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#44
 2-Fluorobiphenyl
 Concen: 72.65 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1213162		
171	36.4	28.6	43.0		
170	24.3	19.2	28.8		





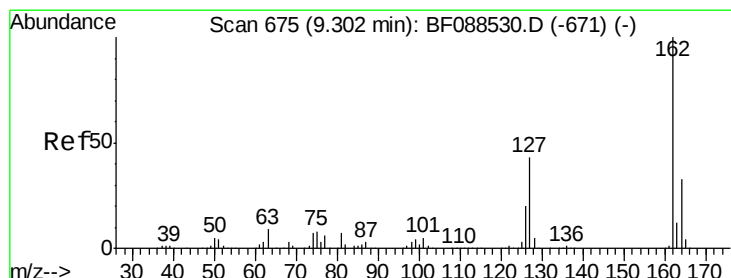
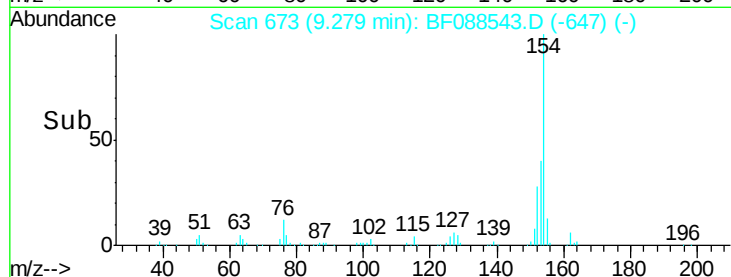
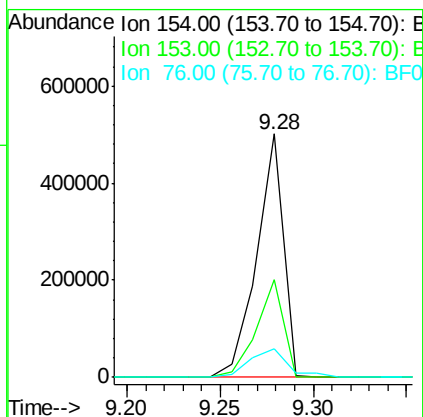
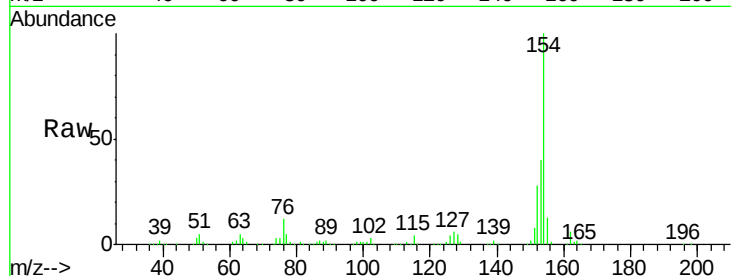
#45
 1,1'-Biphenyl
 Concen: 22.63 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	11.7	0.0	35.1

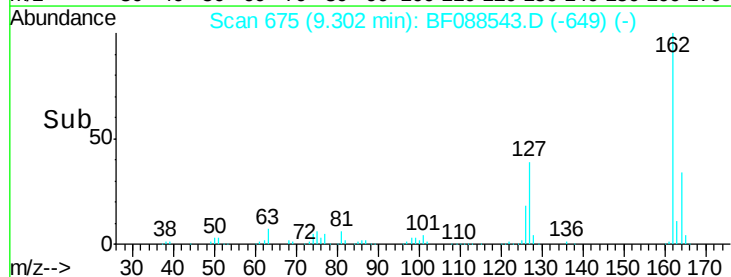
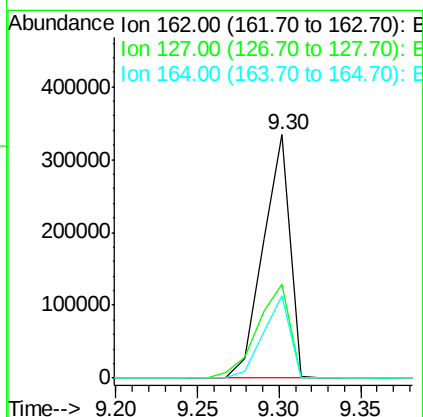
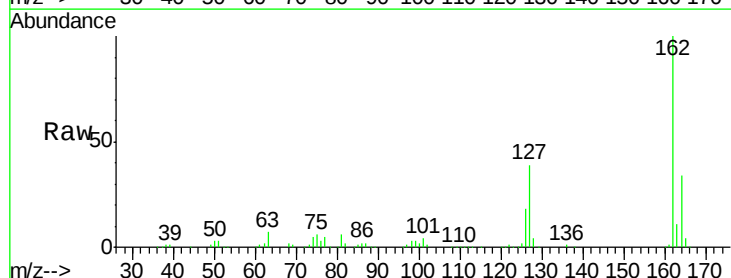
Manual Integrations

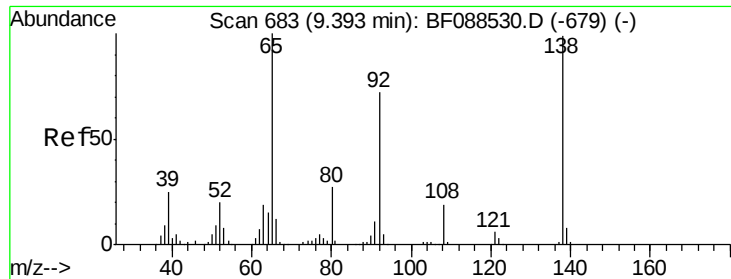
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#46
 2-Chloronaphthalene
 Concen: 22.20 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	35.2	52.8
164	33.7	26.6	39.8





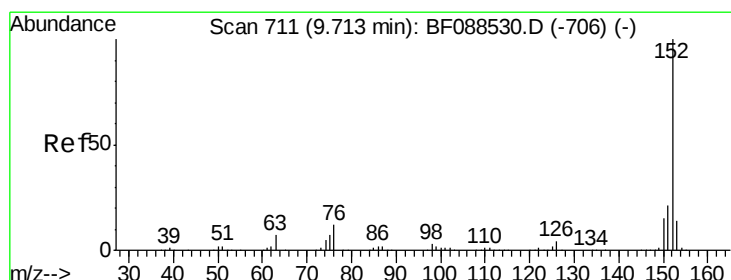
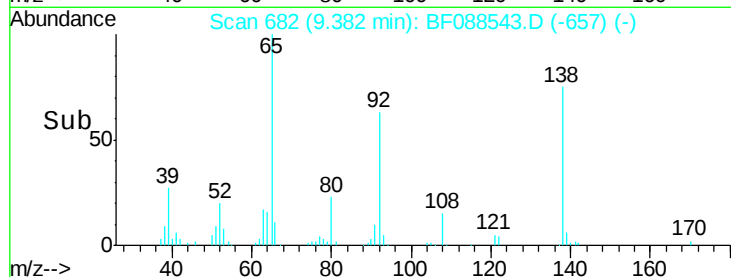
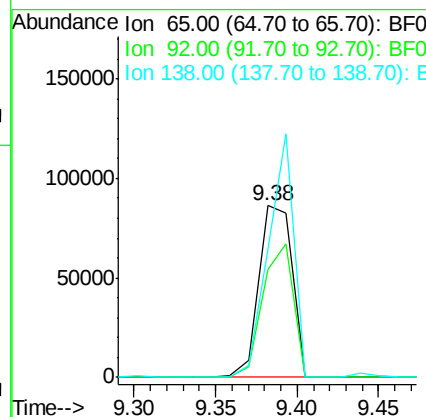
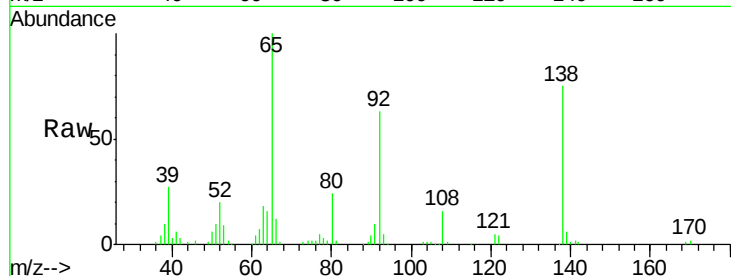
#47
2-Nitroaniline
Concen: 20.06 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion: 65 Resp: 122084
Ion Ratio Lower Upper
65 100
92 62.9 54.6 82.0
138 75.0 77.0 115.4#

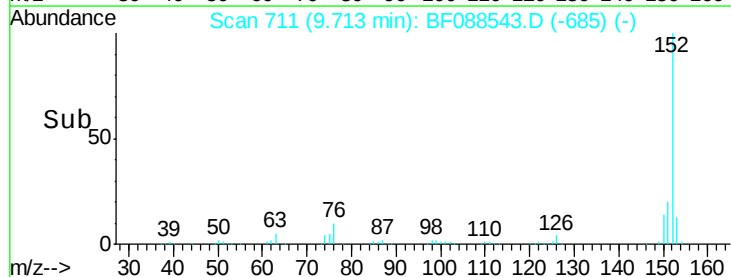
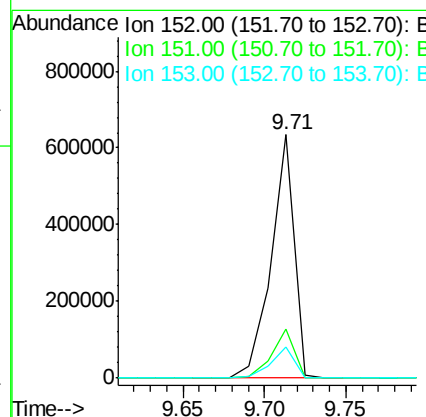
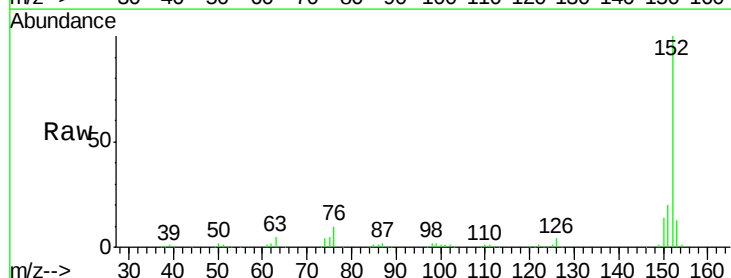
Manual Integrations

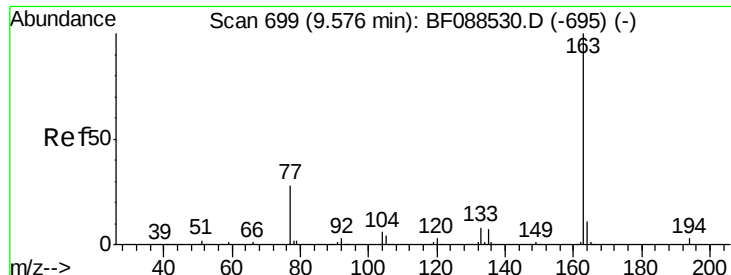
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#48
Acenaphthylene
Concen: 22.78 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion: 152 Resp: 621613
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.0 11.0 16.6





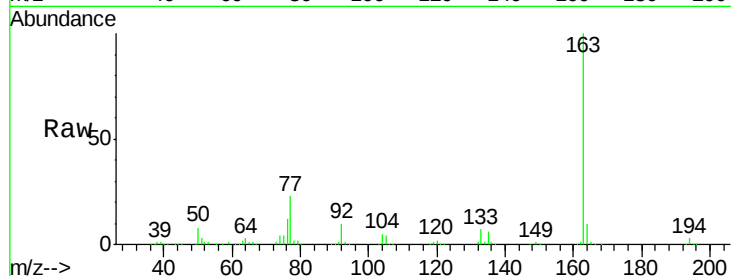
#49
Dimethylphthalate
Concen: 23.45 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

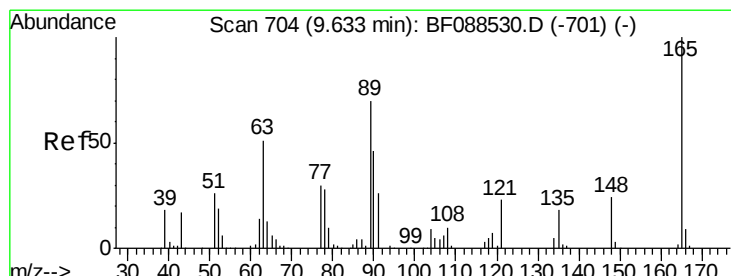
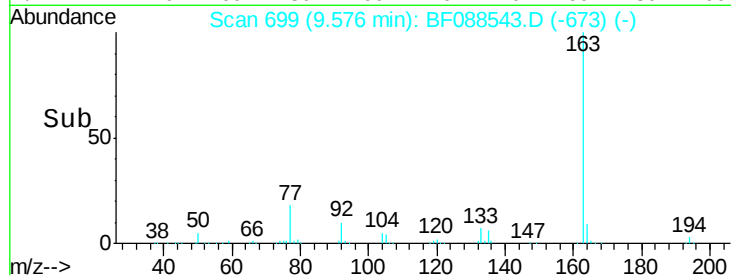
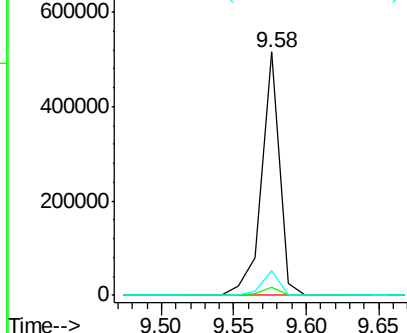
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	440707		
194	3.3		2.8	4.2
164	10.3		8.3	12.5

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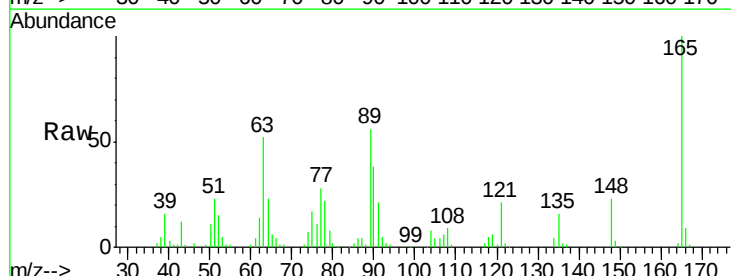


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

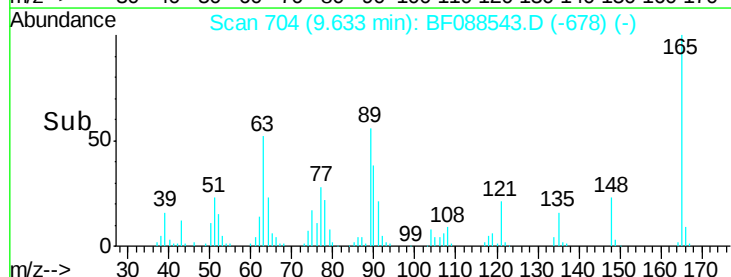
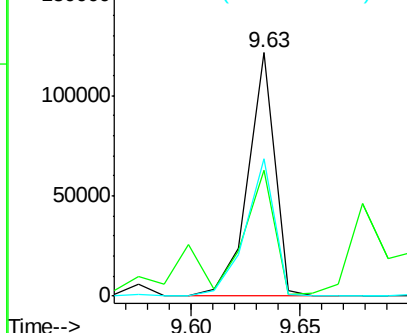


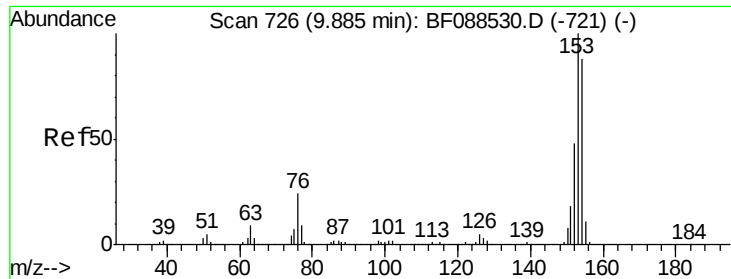
#50
2,6-Dinitrotoluene
Concen: 25.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104119		
63	51.5		28.1	42.1#
89	56.3		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: 26.58 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

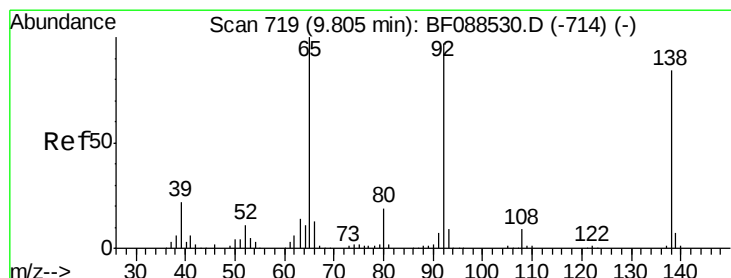
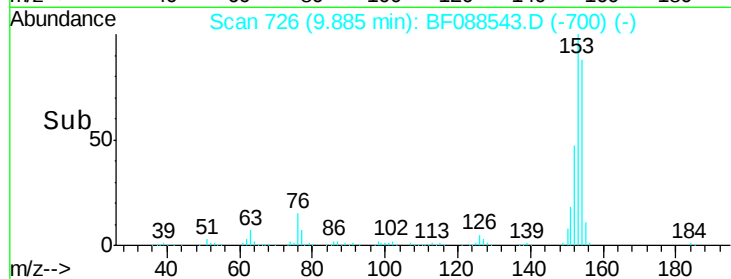
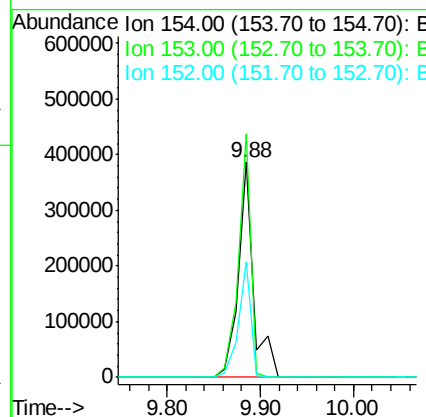
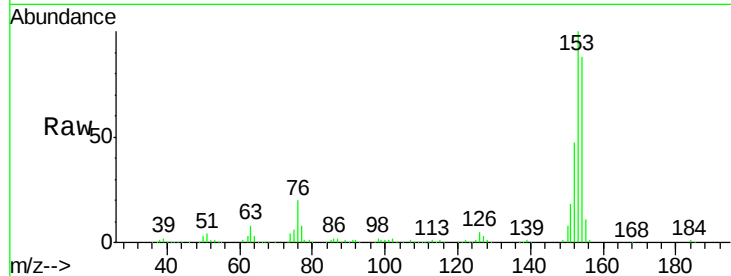
PB91726BS

Tgt Ion:	154	Resp:	444521
Ion Ratio	Lower	Upper	
154	100		
153	113.1	89.5	134.3
152	53.5	42.7	64.1

Manual Integrations

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#52

3-Nitroaniline

Concen: 14.21 ng

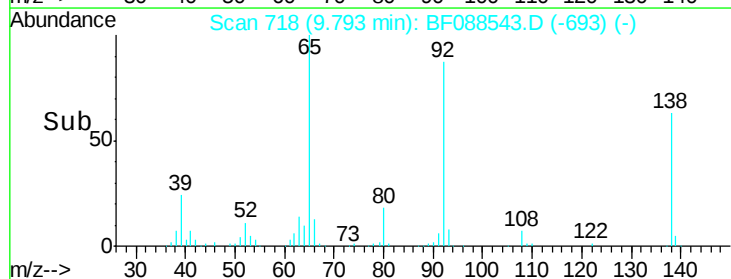
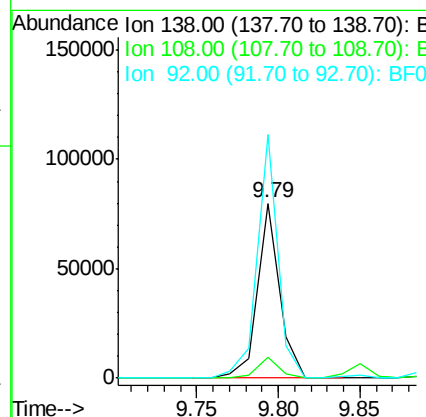
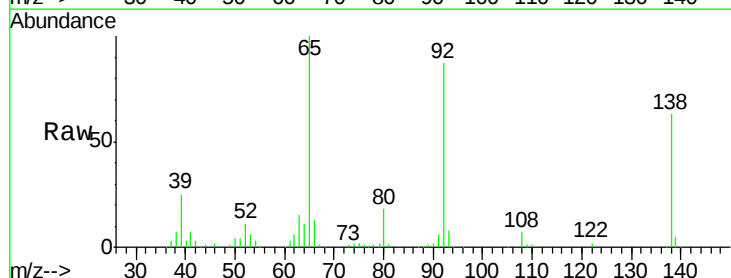
RT: 9.79 min Scan# 718

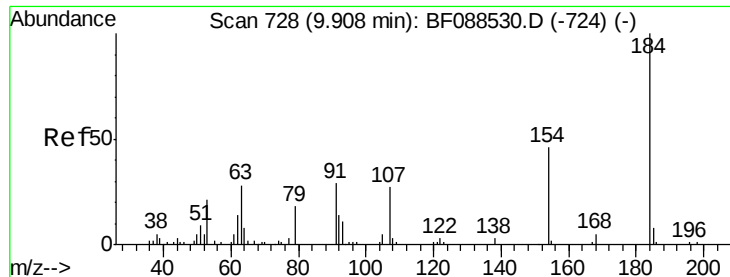
Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion:	138	Resp:	75216
Ion Ratio	Lower	Upper	
138	100		
108	11.9	8.5	12.7
92	139.4	95.7	143.5





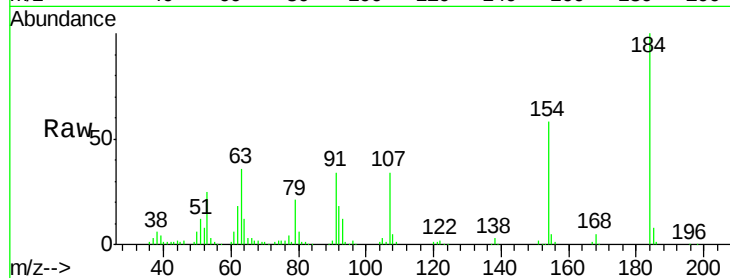
#53
2,4-Dinitrophenol
Concen: 73.65 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

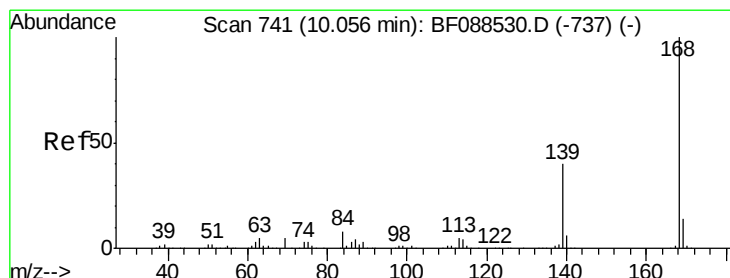
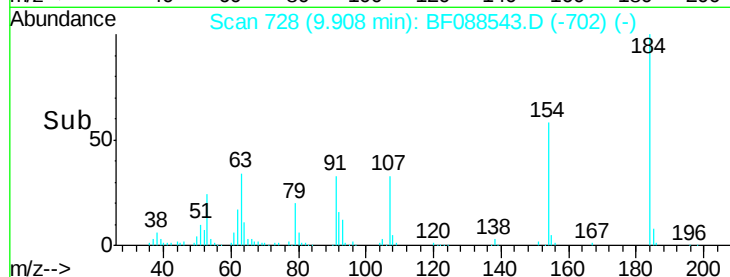
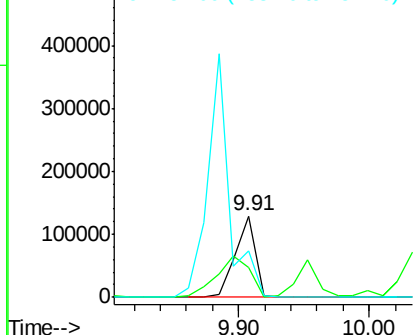
Tgt Ion	Ratio	Lower	Upper
184	100		
63	36.4	57.6	86.4#
154	57.7	53.5	80.3

Manual Integrations

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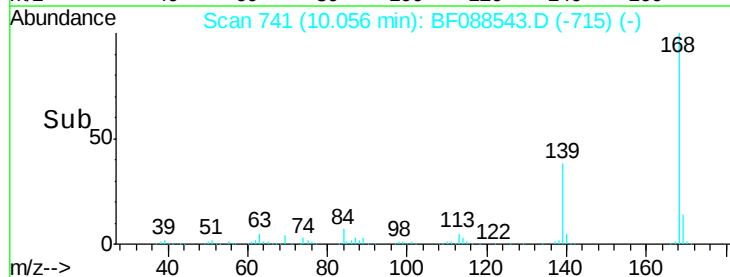
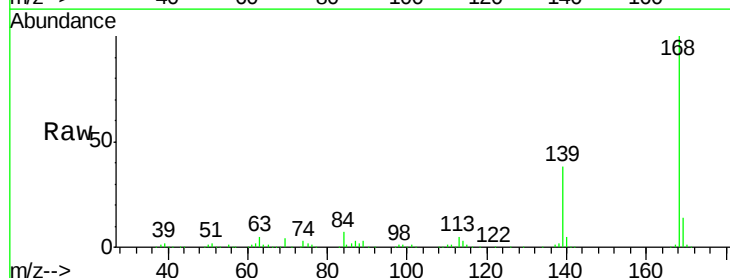
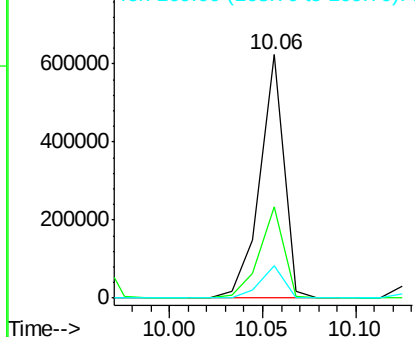
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

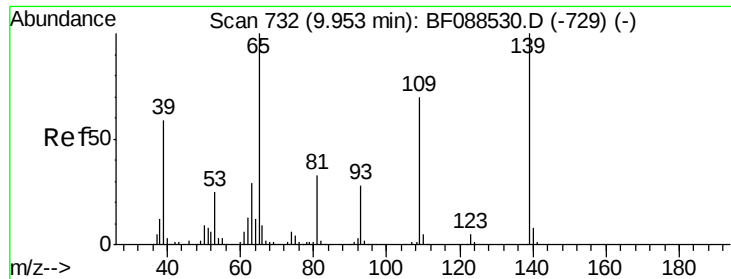


#54
Dibenzofuran
Concen: 25.19 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	26.4	39.6
169	13.6	10.4	15.6

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





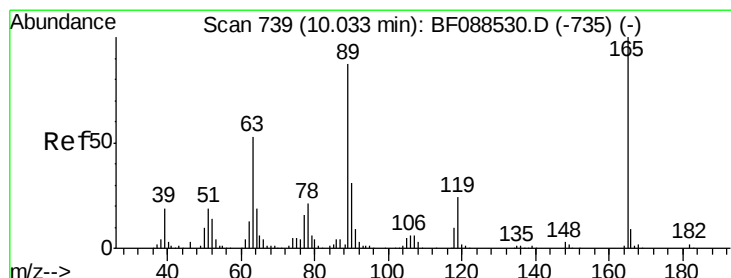
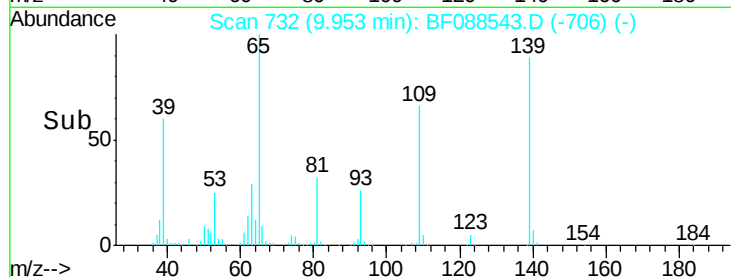
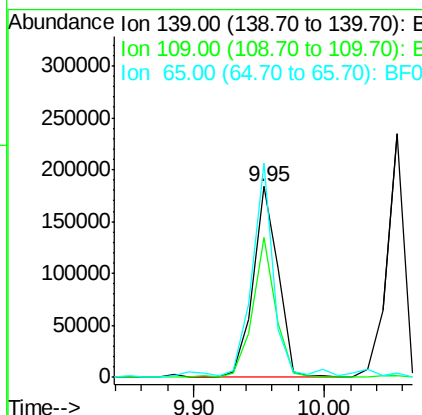
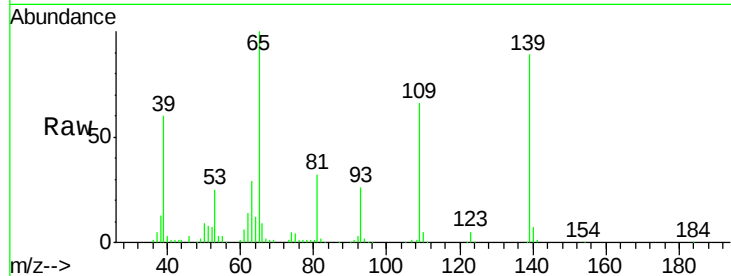
#55
4-Nitrophenol
Concen: 60.86 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	244853		
109	73.6	48.9	88.9	
65	112.4	84.9	124.9	

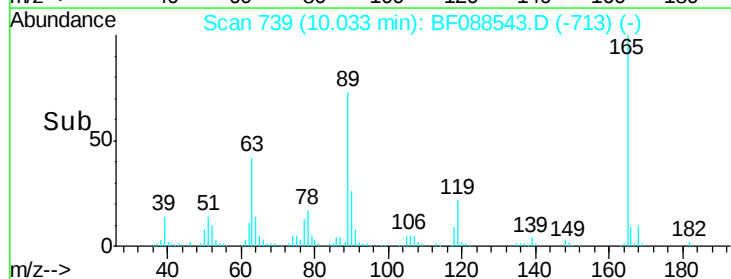
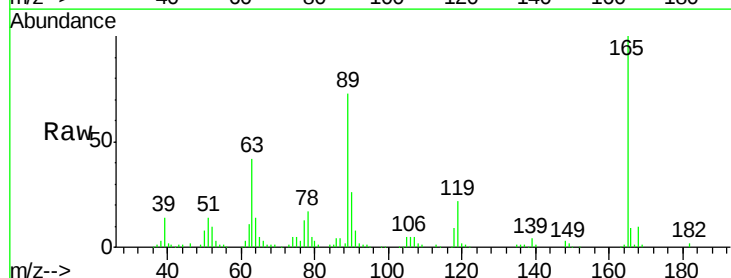
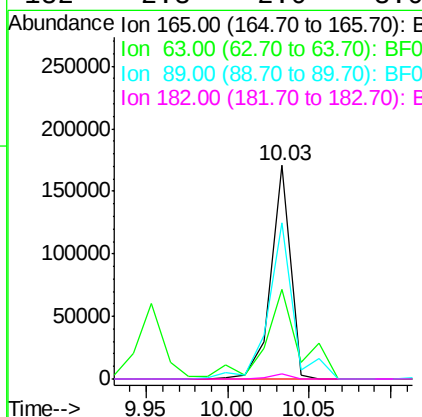
Manual Integrations

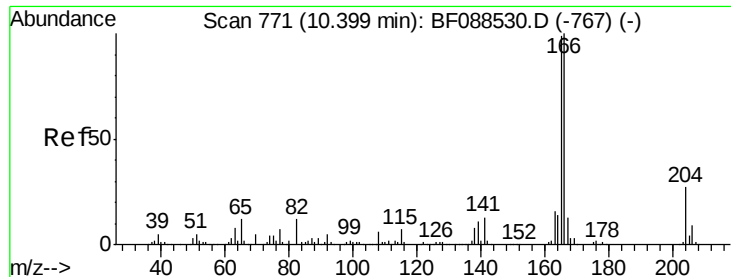
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#56
2,4-Dinitrotoluene
Concen: 26.17 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142523		
63	42.1	22.0	33.0#	
89	73.1	41.1	61.7#	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 24.43 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

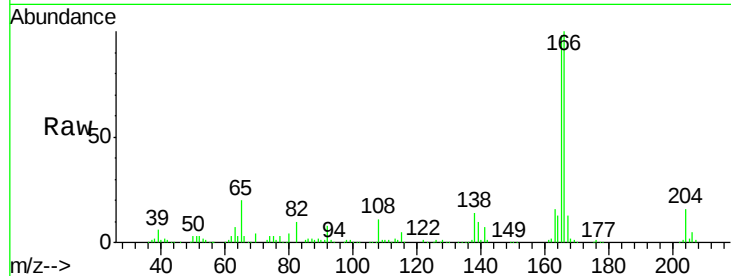
ClientSampleId :

PB91726BS

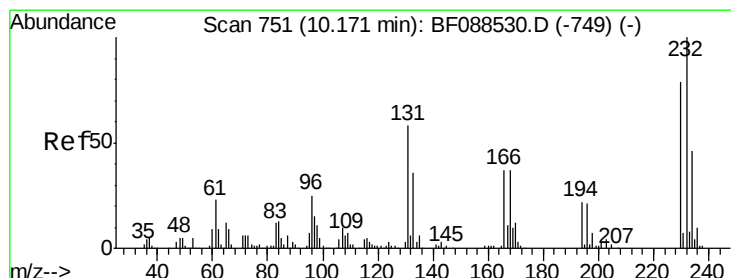
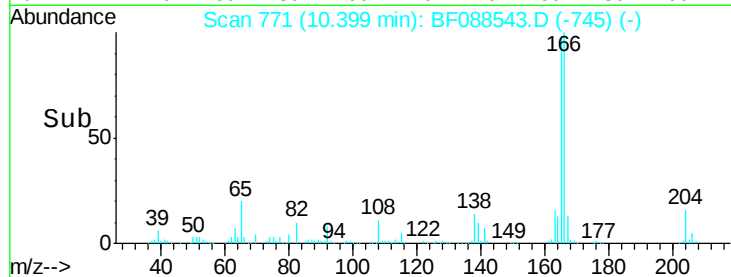
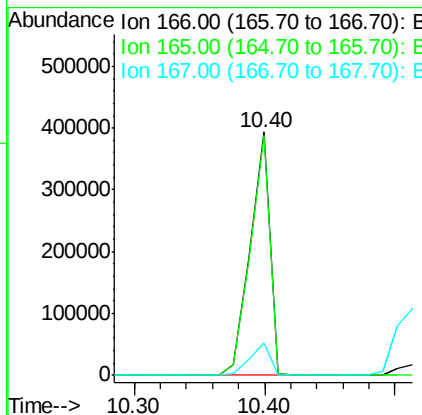
Manual Integrations

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7/1/2016 8:05:20 AM



Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	13.2	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.28 ng

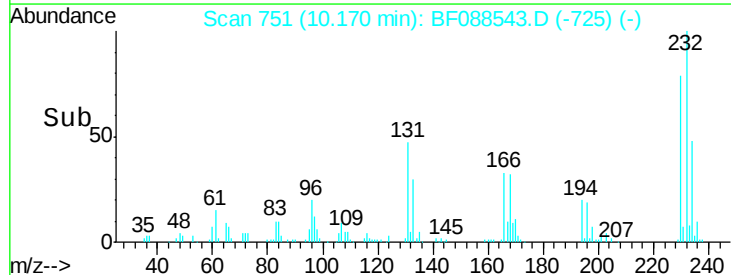
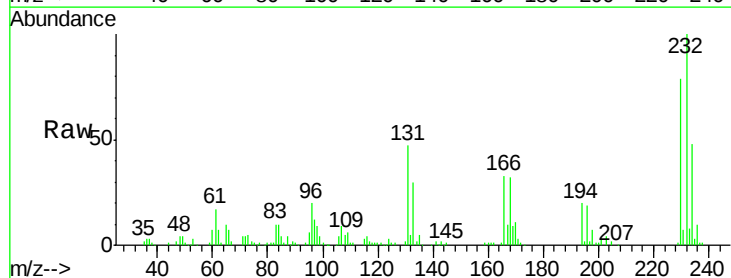
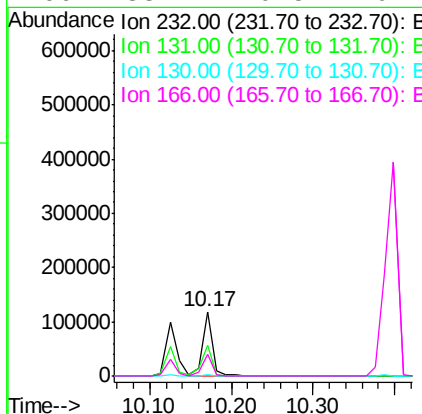
RT: 10.17 min Scan# 751

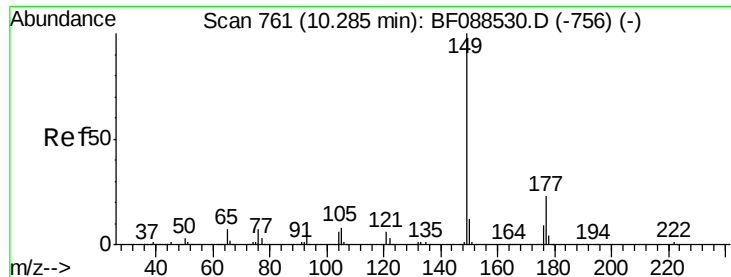
Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.5	0.9	1.3#
130	2.3	1.5	2.3#
166	33.2	0.5	0.7#





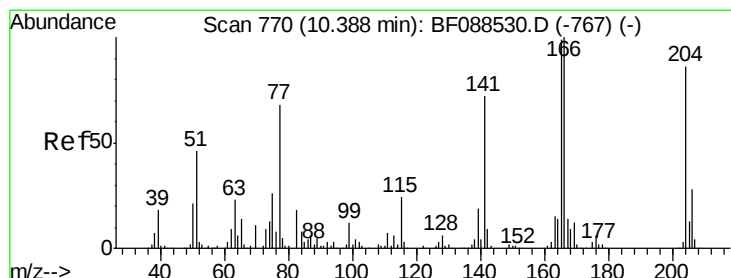
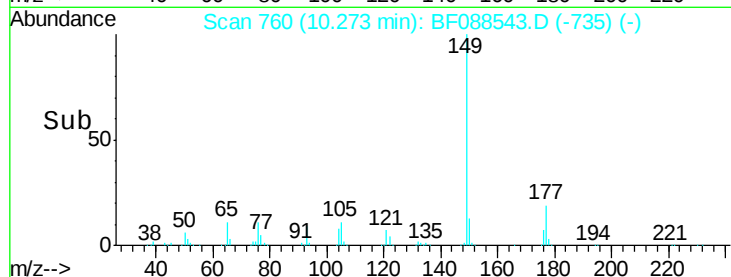
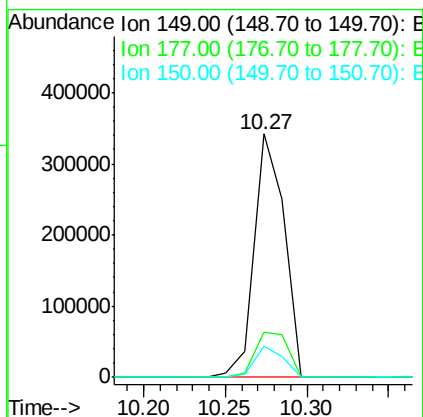
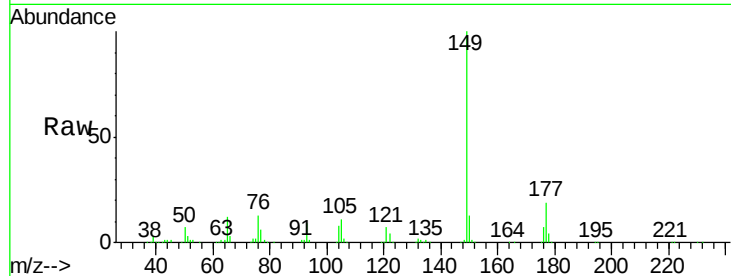
#59
Diethylphthalate
Concen: 23.13 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:149 Resp: 436153
Ion Ratio Lower Upper
149 100
177 18.8 16.9 25.3
150 12.8 10.1 15.1

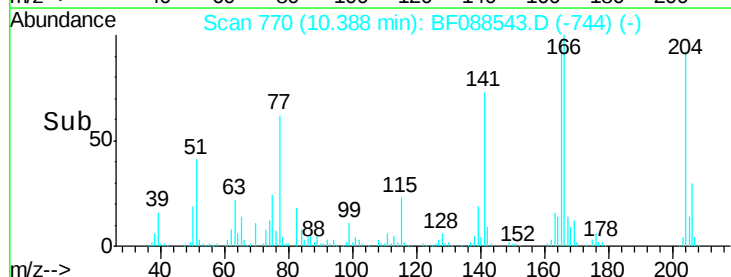
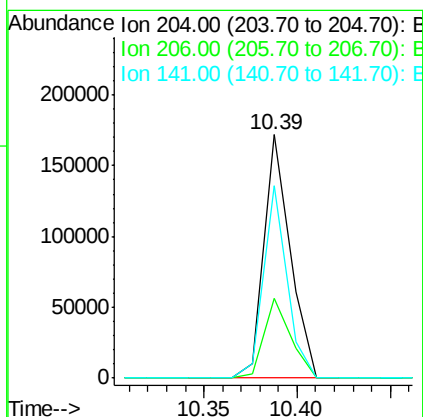
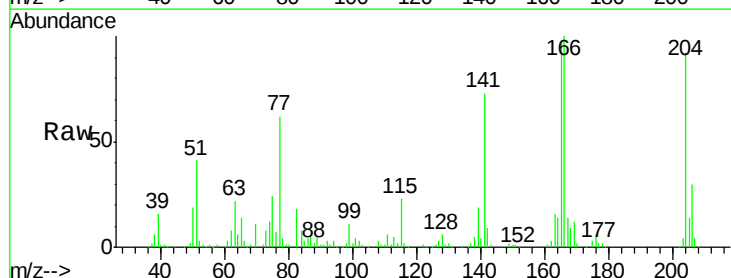
Manual Integrations

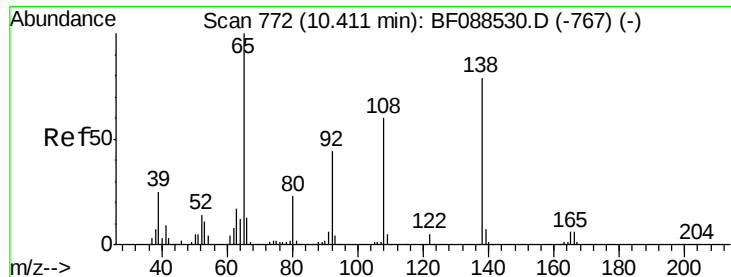
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#60
4-Chlorophenyl-phenylether
Concen: 21.35 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion:204 Resp: 167313
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 79.3 55.0 82.6





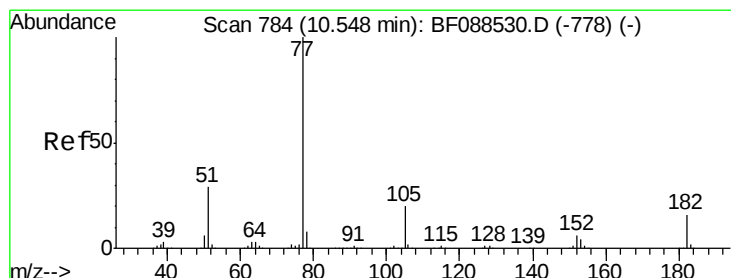
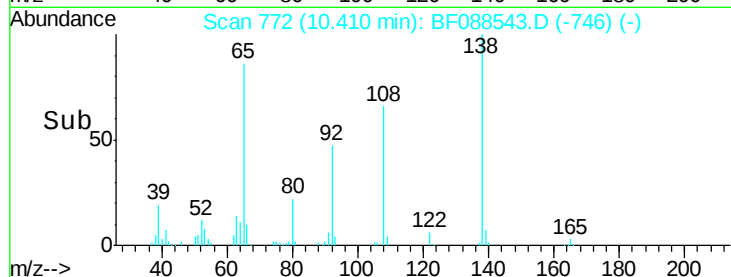
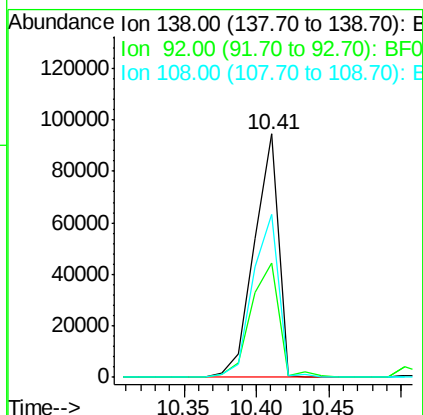
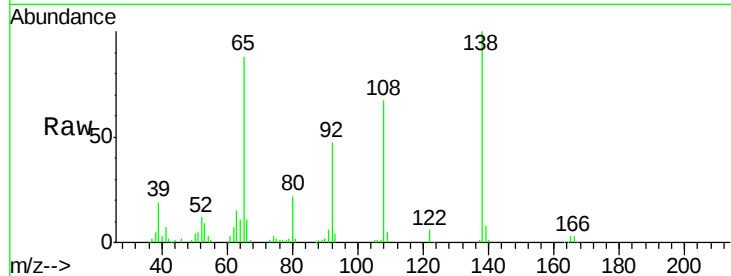
#61
4-Nitroaniline
Concen: 21.59 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	27.3	67.3
108	66.9	46.7	86.7

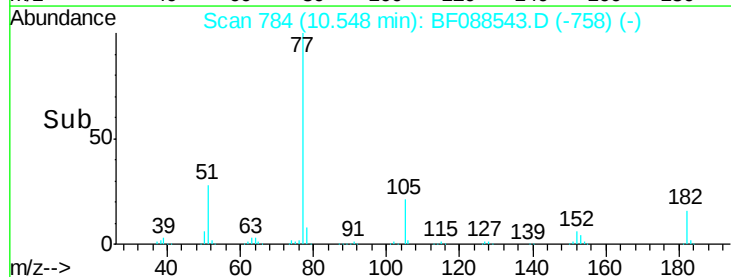
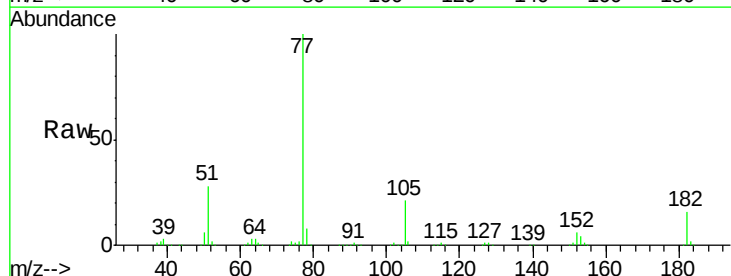
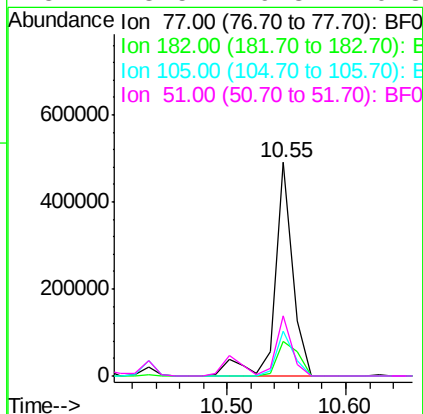
Manual Integrations

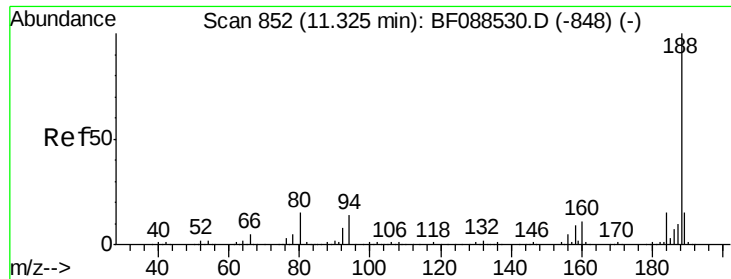
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SOHIL
7/1/2016 8:05:20 AM



#62
Azobenzene
Concen: 23.80 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.3	4.4	44.4
105	21.0	3.8	43.8
51	28.5	9.3	49.3





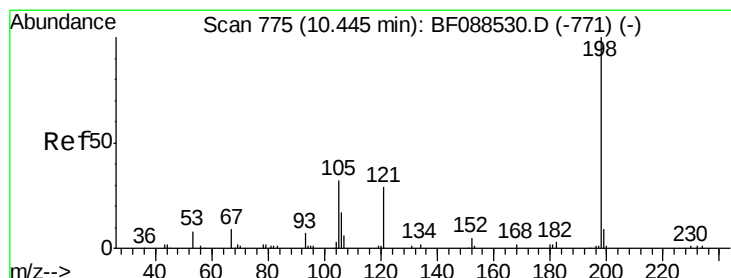
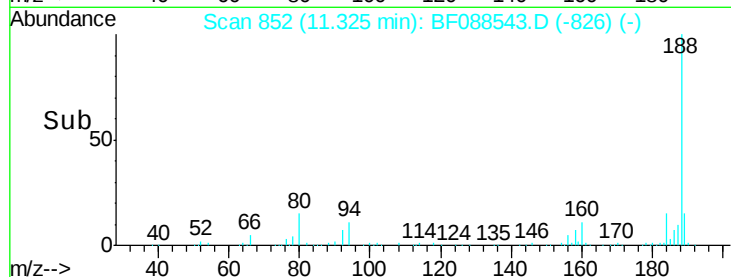
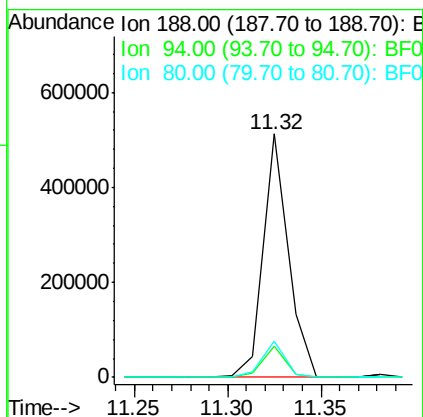
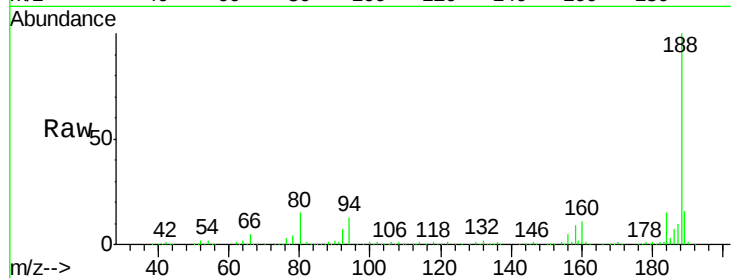
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	476796		
94	13.0	9.0	13.6	
80	14.9	10.0	15.0	

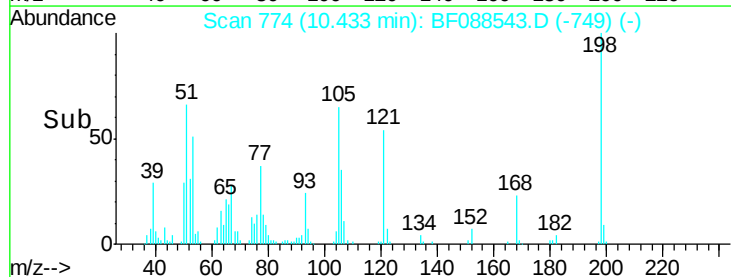
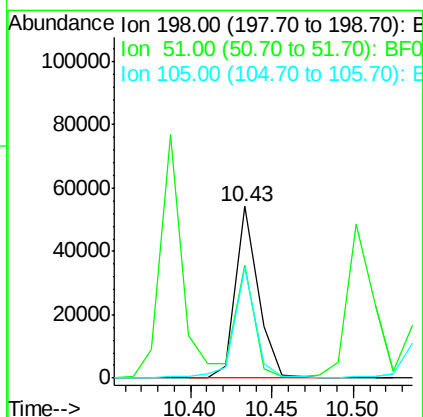
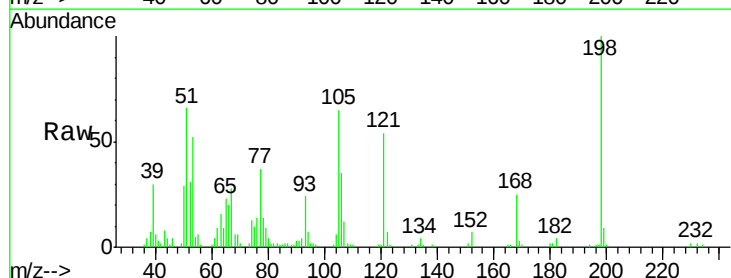
Manual Integrations

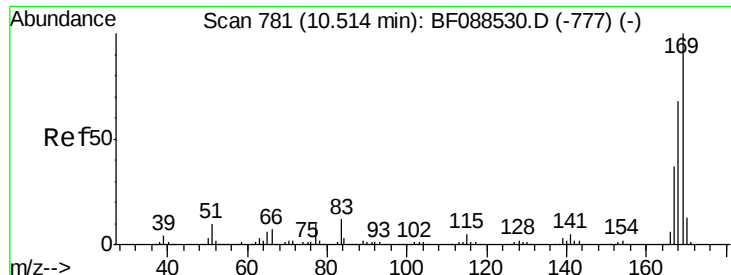
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SOHIL
7/1/2016 8:05:20 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.27 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

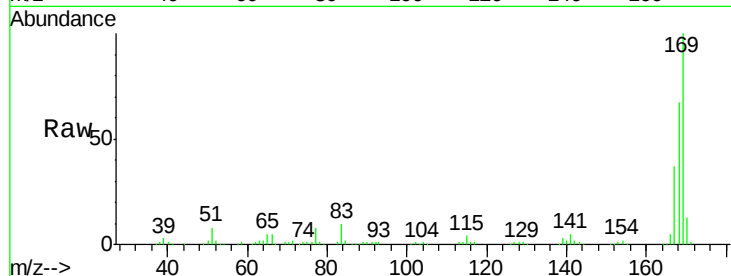
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51680		
51	66.3	39.6	79.6	
105	64.8	36.6	76.6	





#65
n-Nitrosodiphenylamine
Concen: 22.89 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

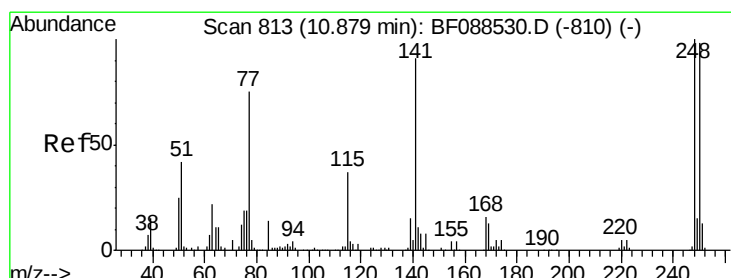
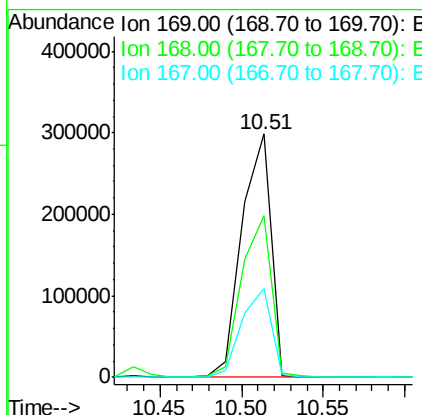
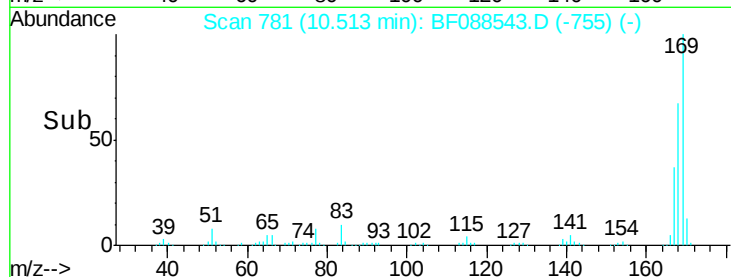
Instrument :
BNA_F
ClientSampleId :
PB91726BS



Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	36.6	29.4	44.0

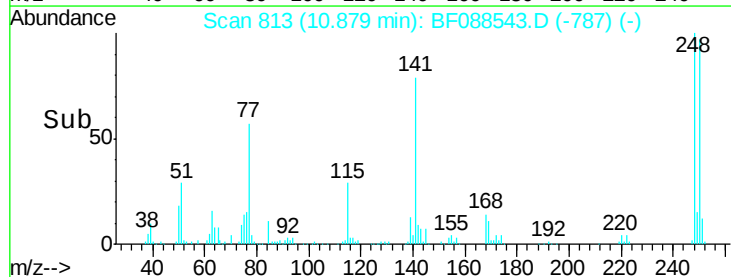
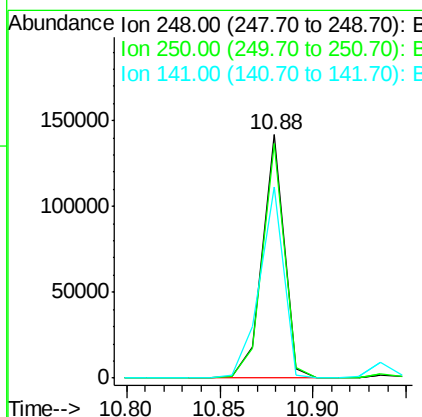
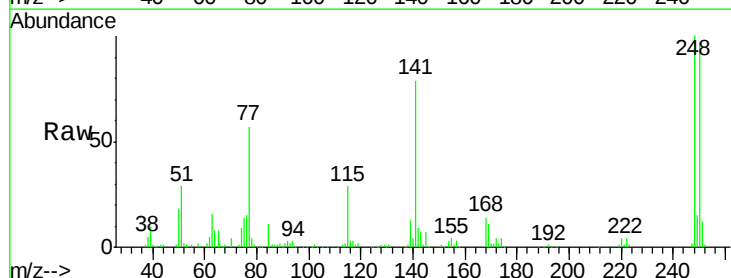
Manual Integrations

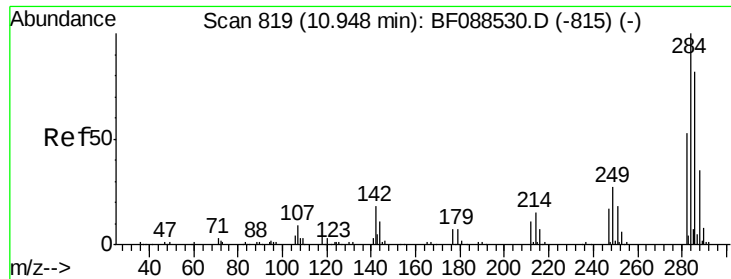
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#66
4-Bromophenyl-phenylether
Concen: 23.74 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.1	115.7
141	78.6	50.6	76.0





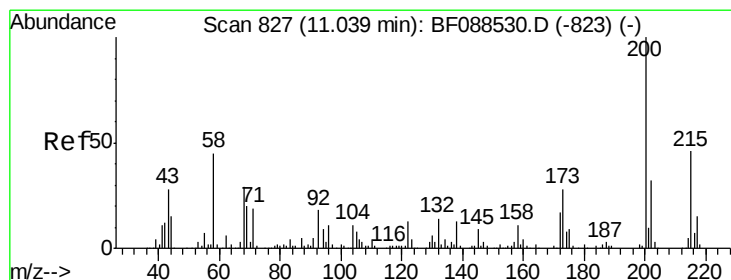
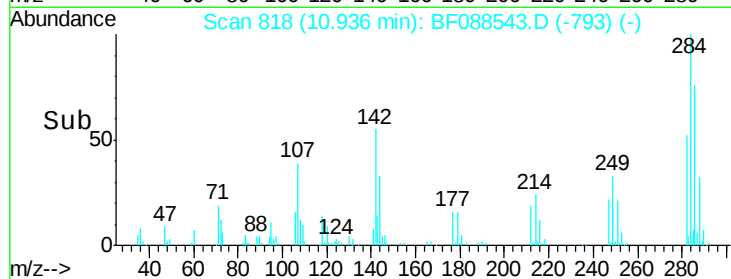
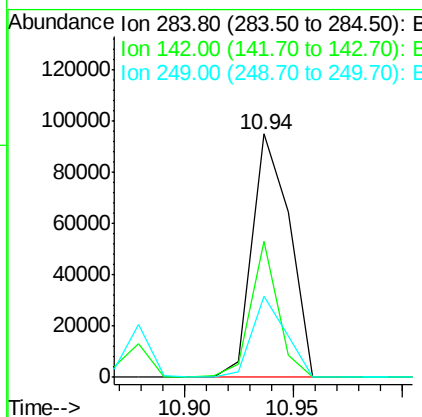
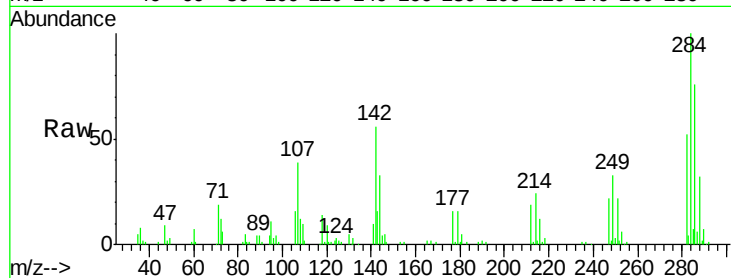
#67
Hexachlorobenzene
Concen: 21.40 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	55.8	35.8	53.8#
249	33.5	25.8	38.6

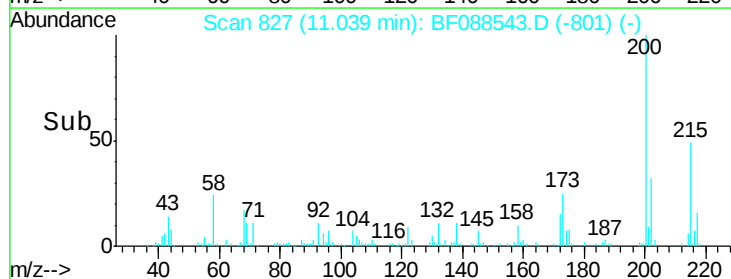
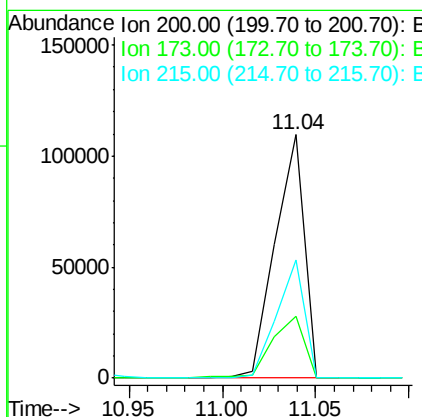
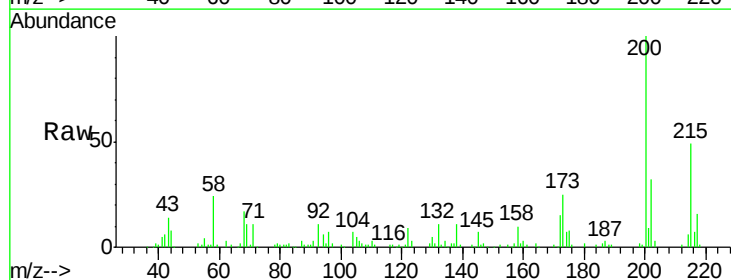
Manual Integrations

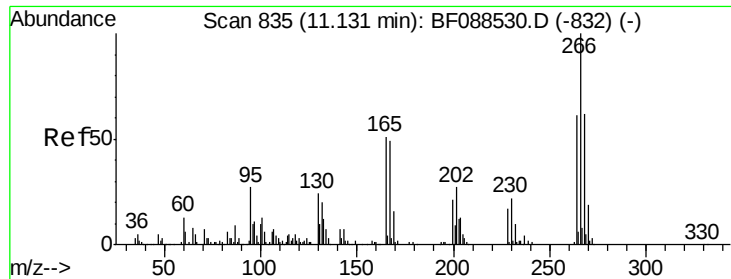
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#68
Atrazine
Concen: 23.72 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	4.0	44.0
215	48.7	29.3	69.3





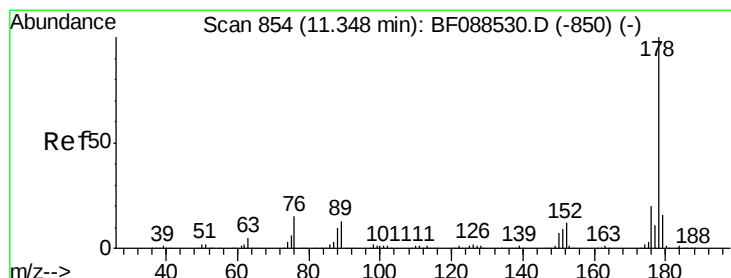
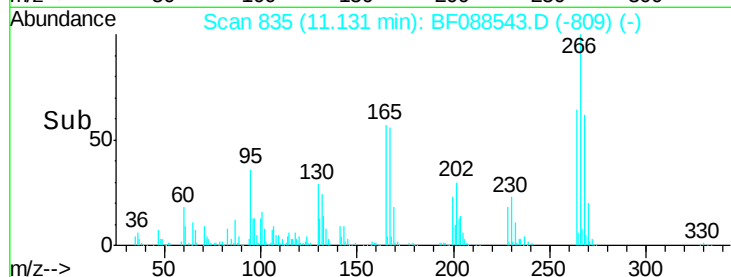
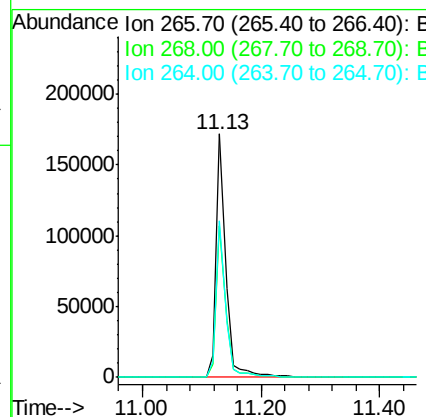
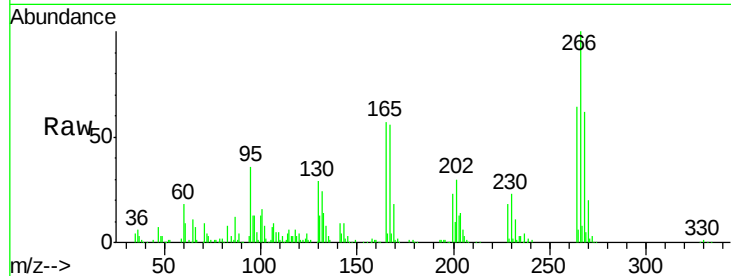
#69
 Pentachlorophenol
 Concen: 61.73 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.8	79.2
264	64.5	49.6	74.4

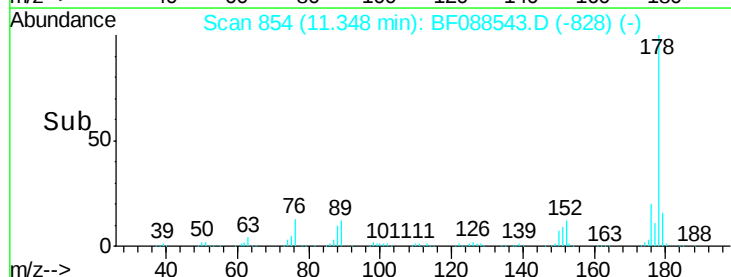
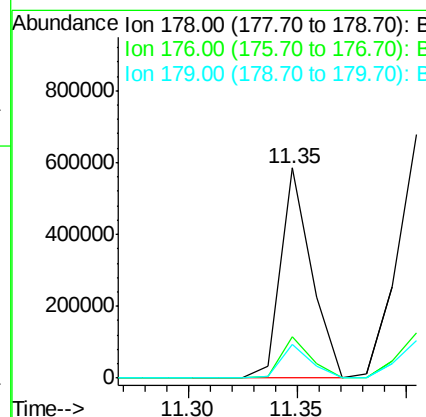
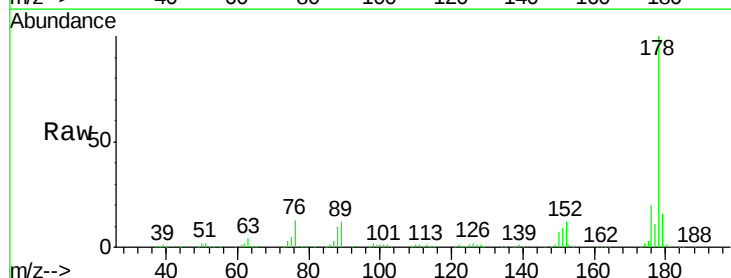
Manual Integrations

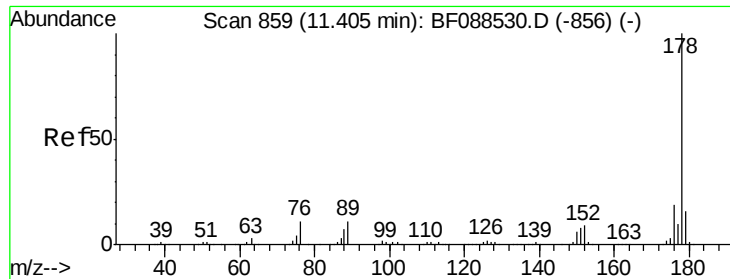
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#70
 Phenanthrene
 Concen: 22.30 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.9	13.0	19.4





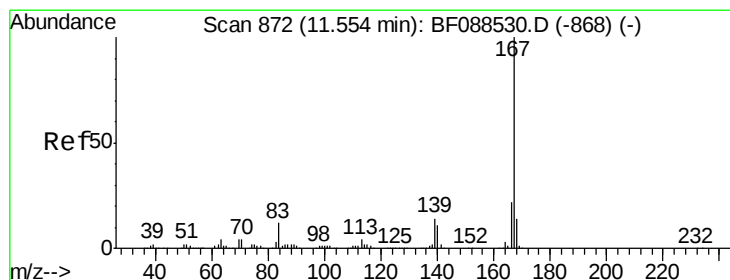
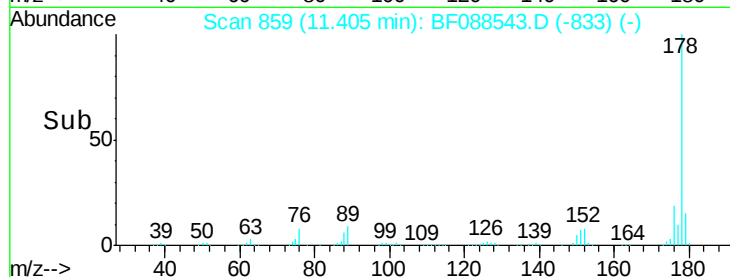
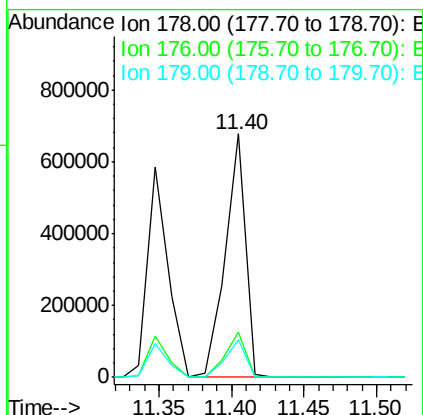
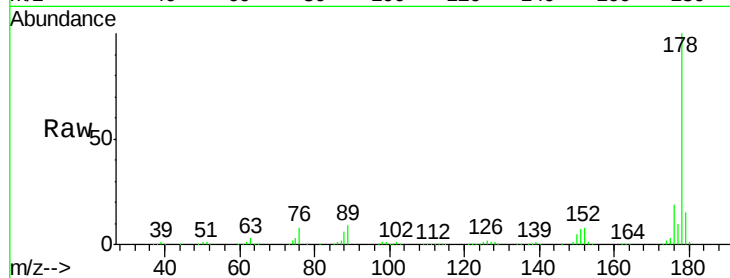
#71
 Anthracene
 Concen: 25.21 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.3	12.8	19.2

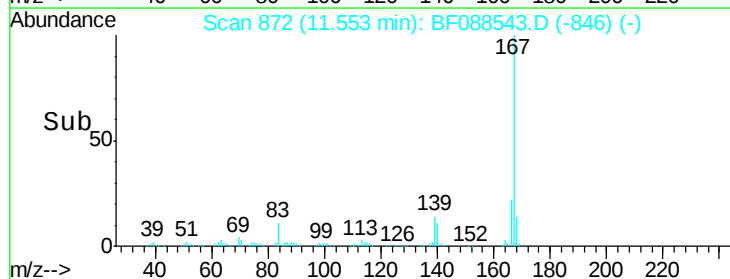
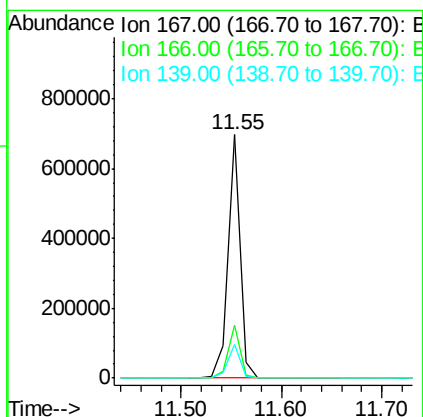
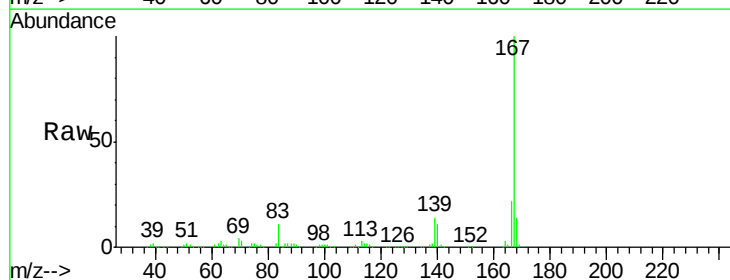
Manual Integrations

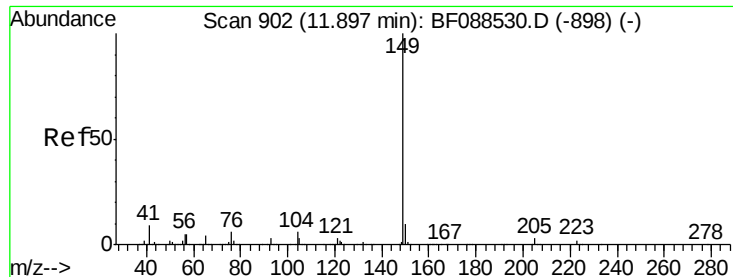
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#72
 Carbazole
 Concen: 23.76 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.8	11.2	16.8





#73

Di-n-butylphthalate

Concen: 23.15 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion:149 Resp: 656715

Ion Ratio Lower Upper

149 100

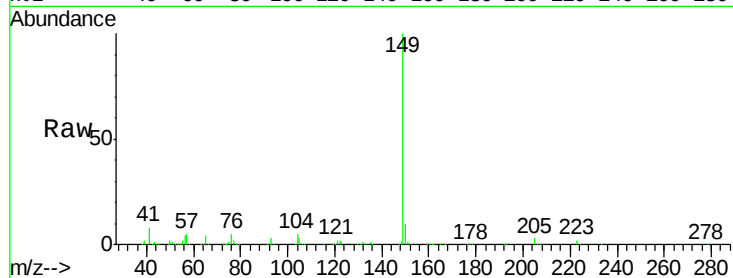
150 9.5 7.8 11.6

104 5.5 4.0 6.0

Manual Integrations

SOHIL

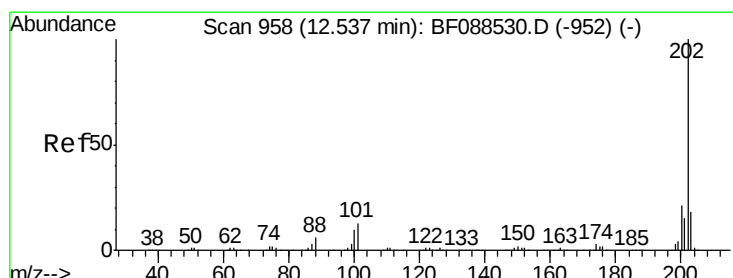
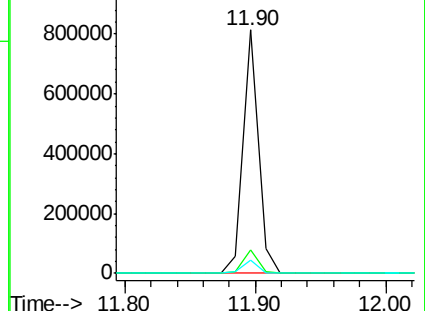
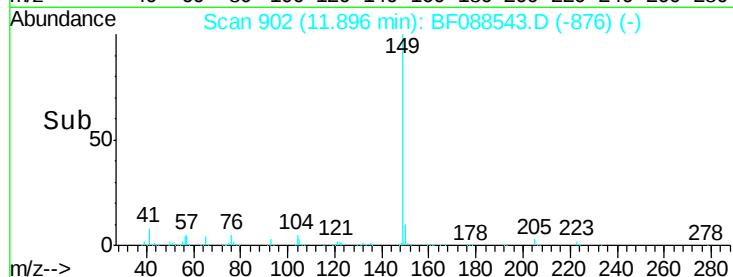
7/1/2016 8:05:20 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.31 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

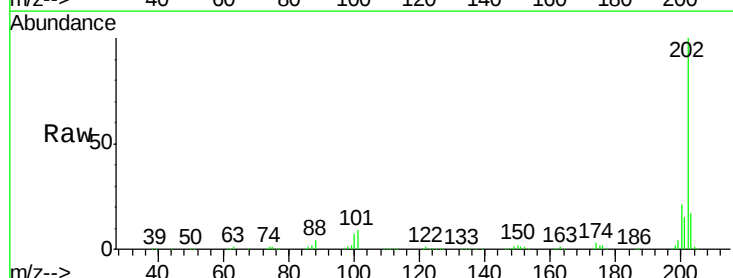
Tgt Ion:202 Resp: 642324

Ion Ratio Lower Upper

202 100

101 8.7 0.0 33.1

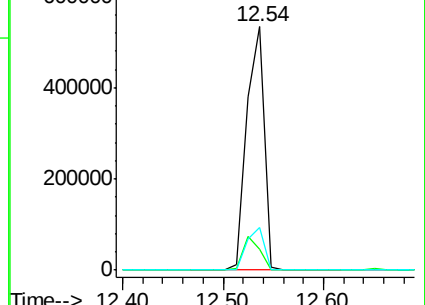
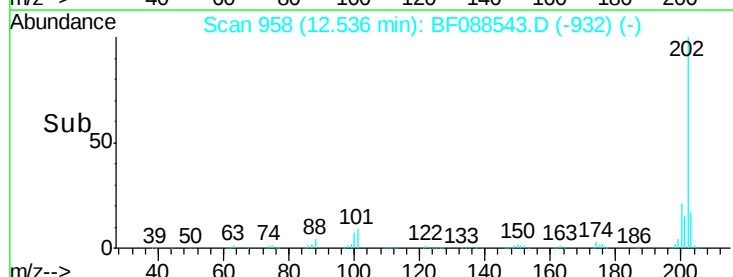
203 17.5 0.0 38.1

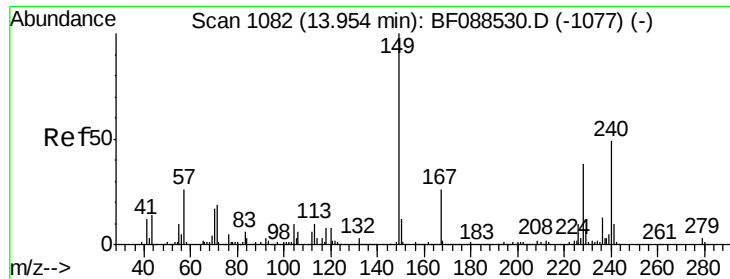


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion:240 Resp: 362032

Ion Ratio Lower Upper

240 100

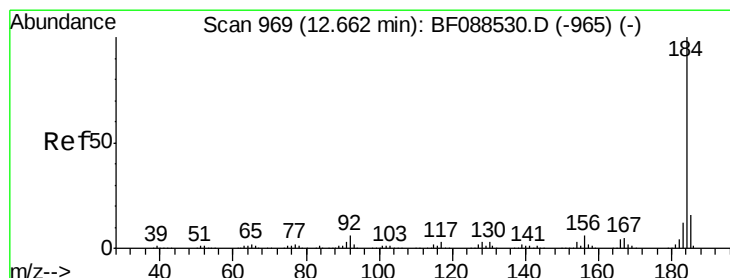
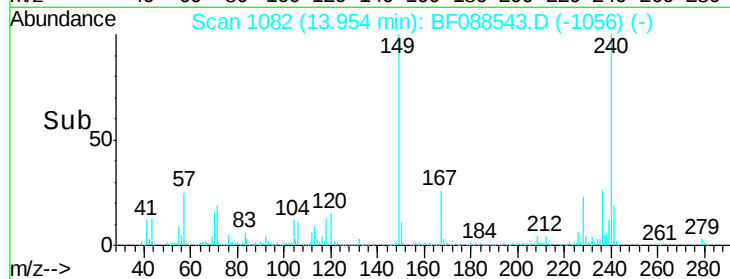
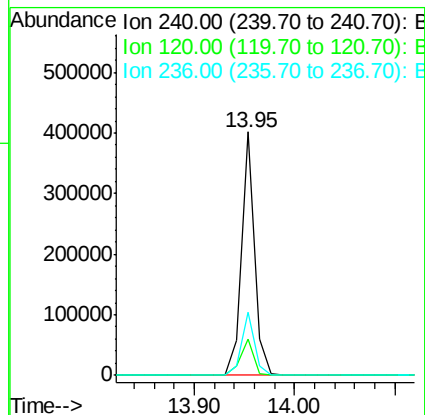
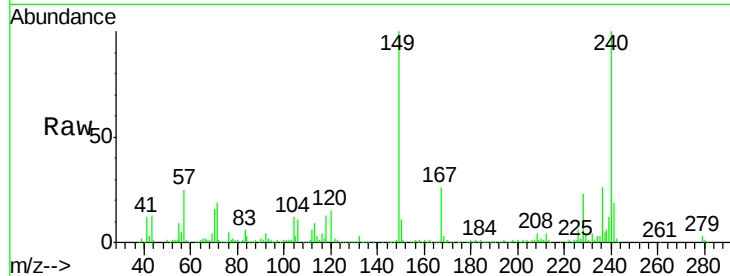
120 14.8 6.8 10.2#

236 26.0 20.2 30.2

Manual Integrations

SOHIL

7/1/2016 8:05:20 AM



#76

Benzidine

Concen: 31.18 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

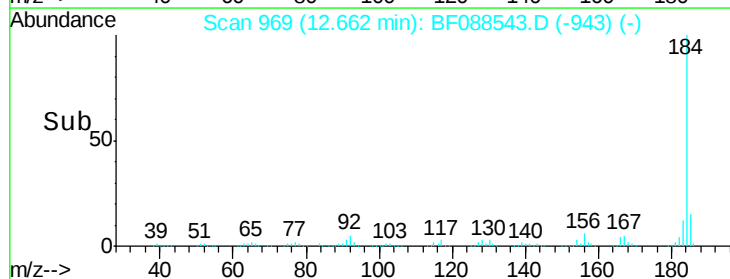
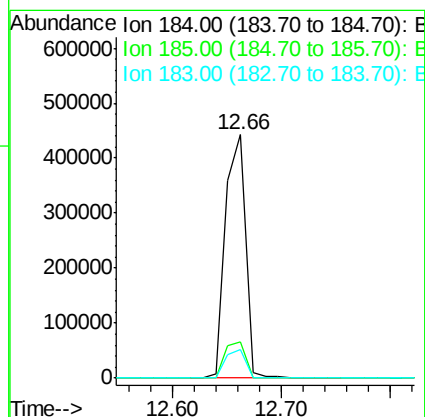
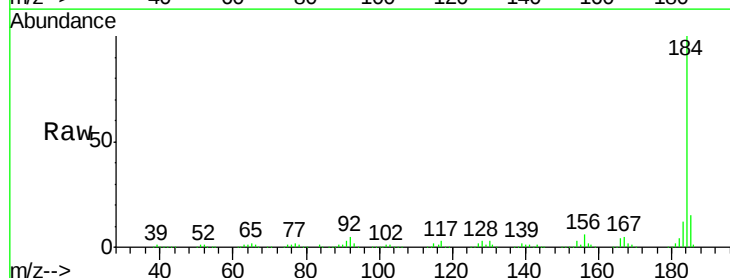
Tgt Ion:184 Resp: 570515

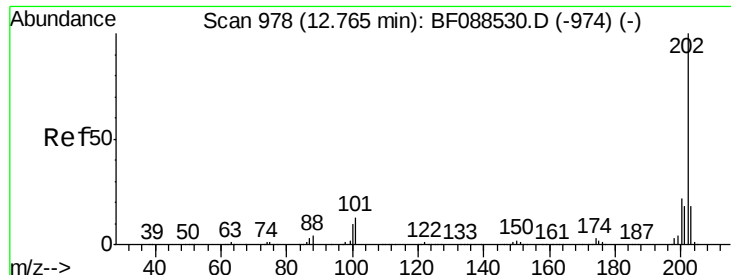
Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

183 11.7 9.3 13.9





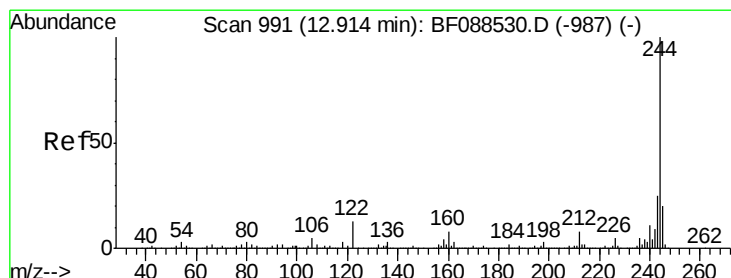
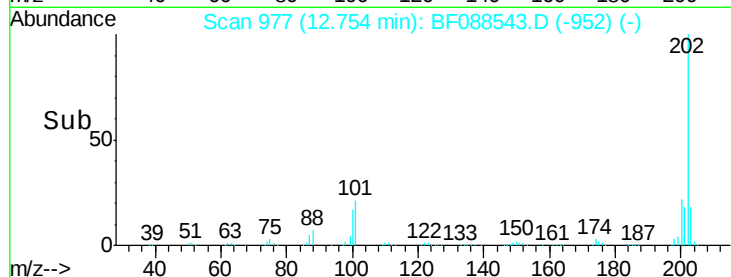
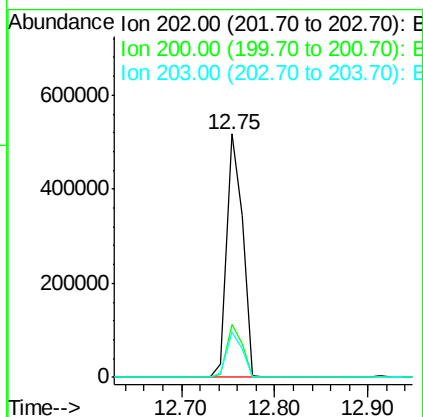
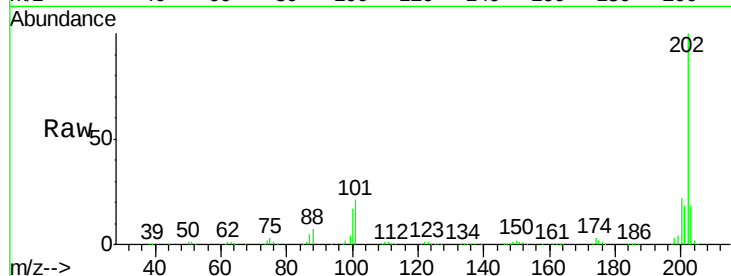
#77
 Pyrene
 Concen: 20.03 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.5	14.5	21.7

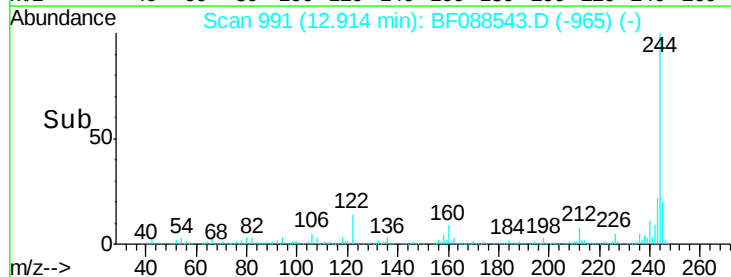
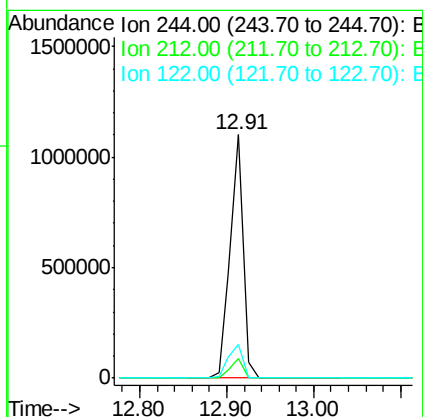
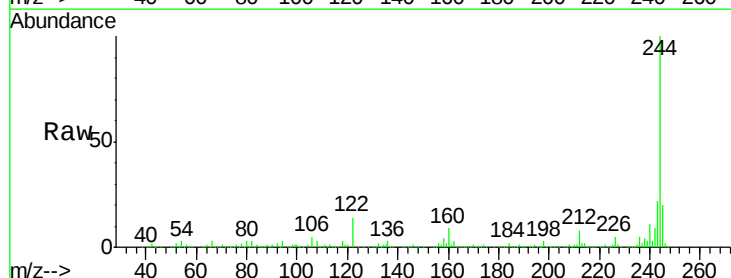
Manual Integrations

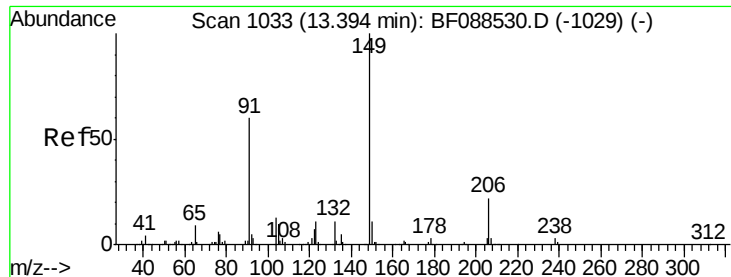
SOHIL
 7/1/2016 8:05:20 AM



#78
 Terphenyl-d14
 Concen: 70.74 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	13.9	11.2	16.8





#79

Butylbenzylphthalate

Concen: 19.92 ng

RT: 13.38 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion:149 Resp: 272706

Ion Ratio Lower Upper

149 100

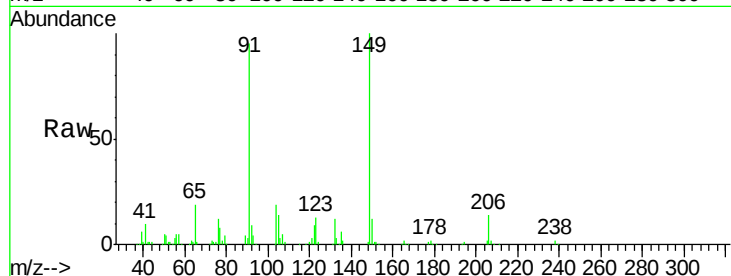
91 94.9 48.0 72.0#

206 13.8 16.0 24.0#

Manual Integrations

SOHIL

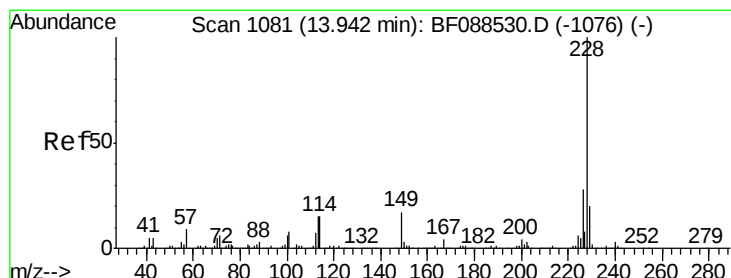
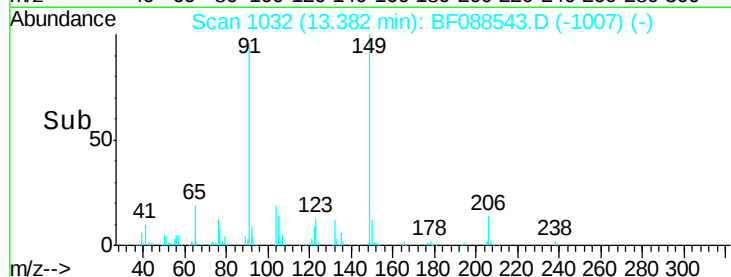
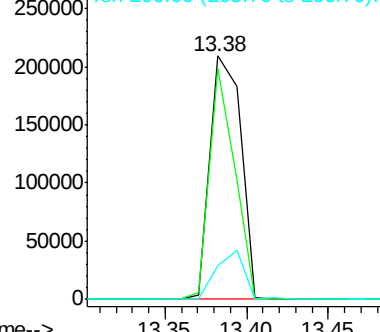
7/1/2016 8:05:20 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 23.02 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

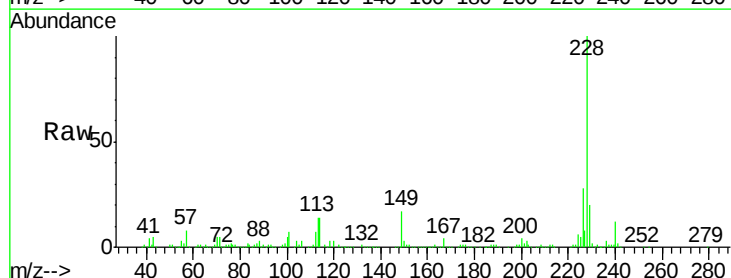
Tgt Ion:228 Resp: 536547

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

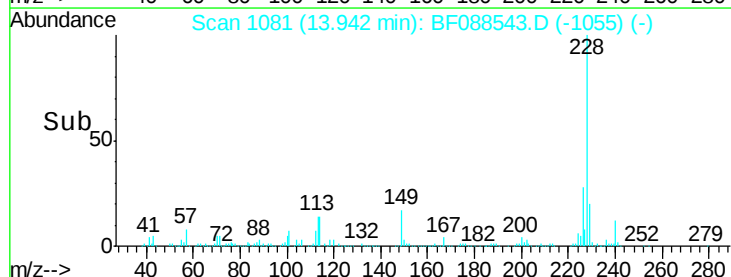
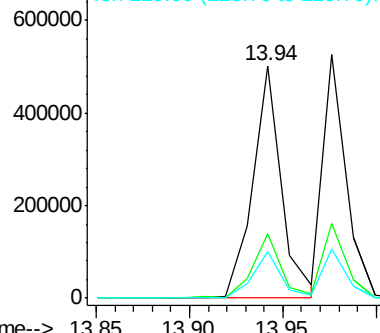
229 20.1 16.0 24.0

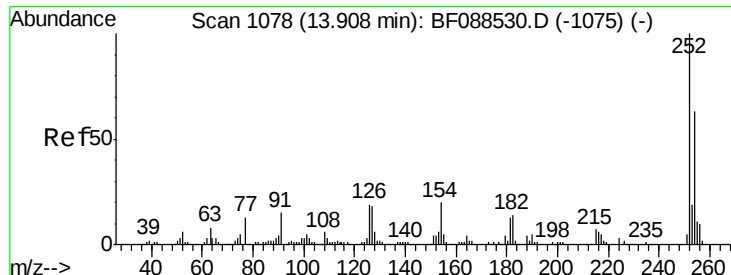


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





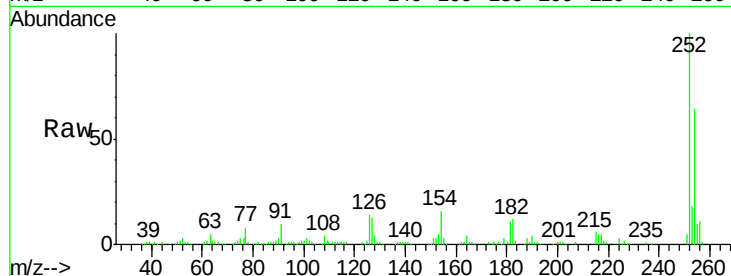
#81
 3,3'-Dichlorobenzidine
 Concen: 13.28 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

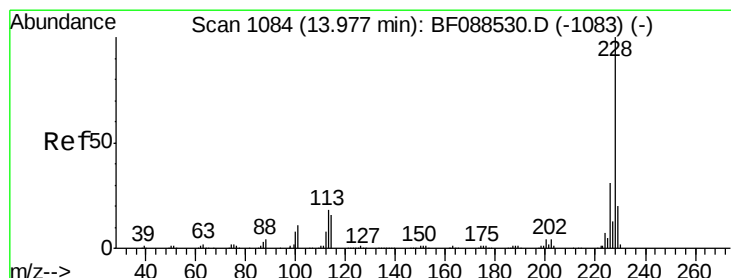
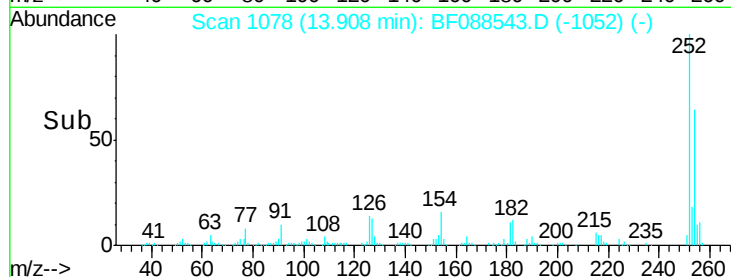
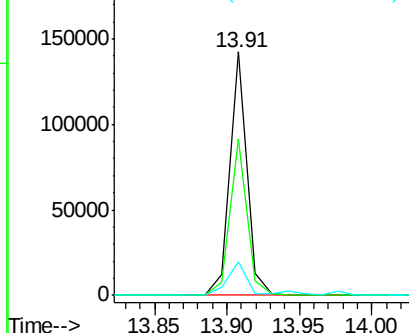
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	13.9	6.2	9.2

Manual Integrations

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 7/1/2016 8:05:20 AM

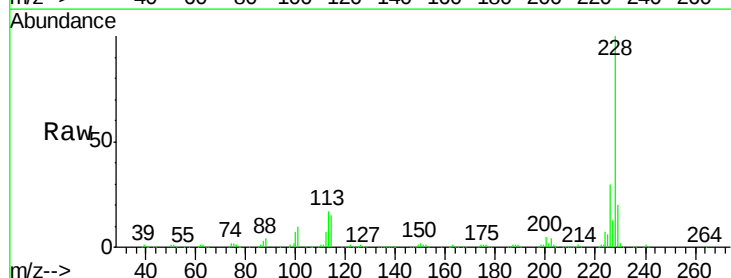


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

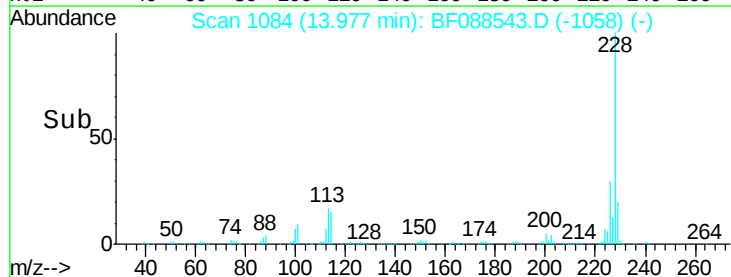
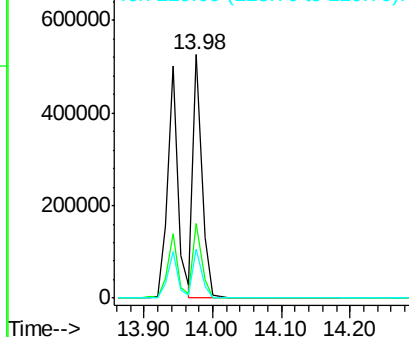


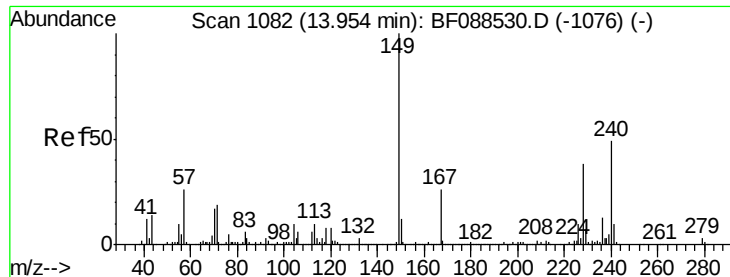
#82
 Chrysene
 Concen: 20.05 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	20.1	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.60 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion:149 Resp: 353312

Ion Ratio Lower Upper

149 100

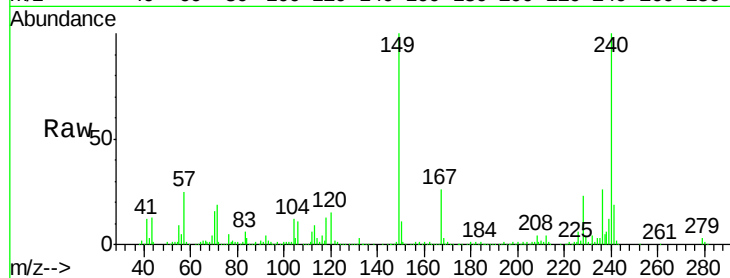
167 25.7 20.5 30.7

279 3.0 2.0 3.0#

Manual Integrations

SOHIL

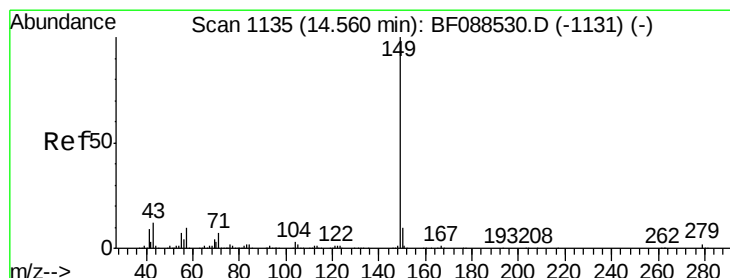
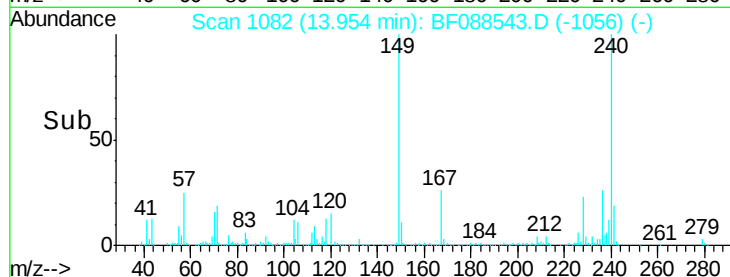
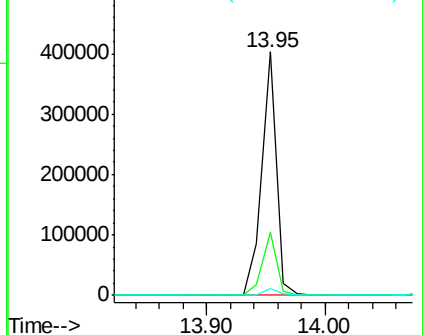
7/1/2016 8:05:20 AM



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: 23.71 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

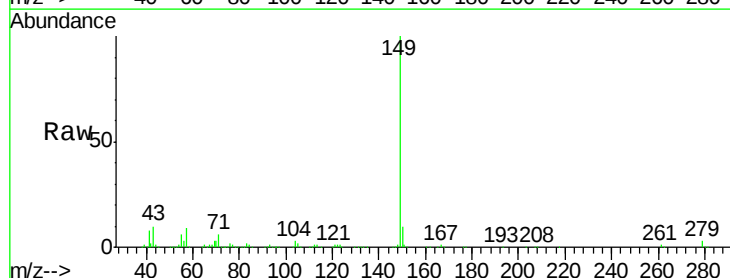
Tgt Ion:149 Resp: 629709

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

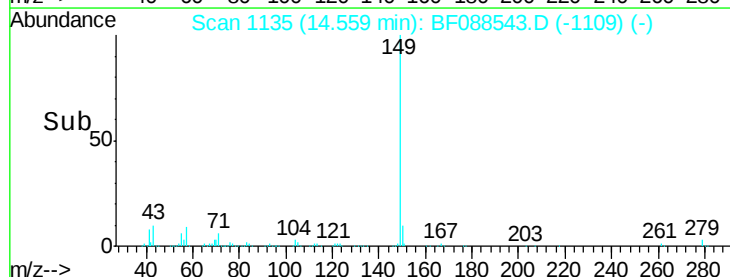
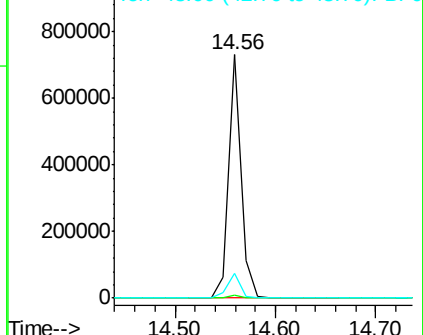
43 10.8 0.0 0.0#

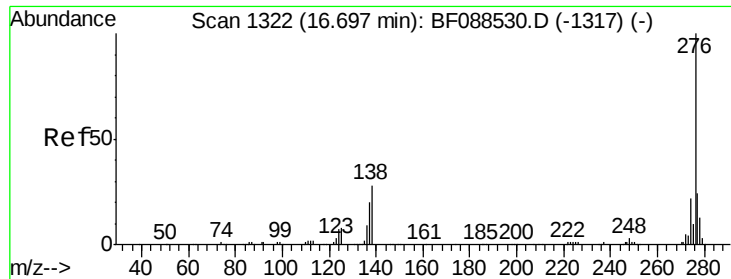


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





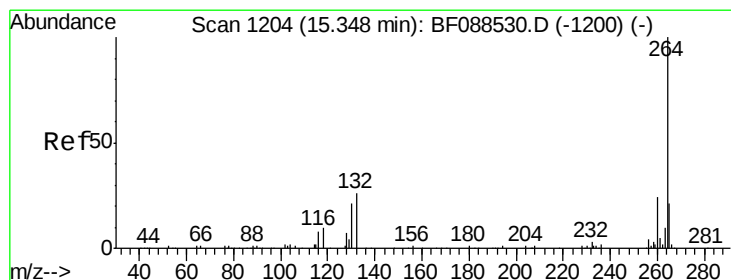
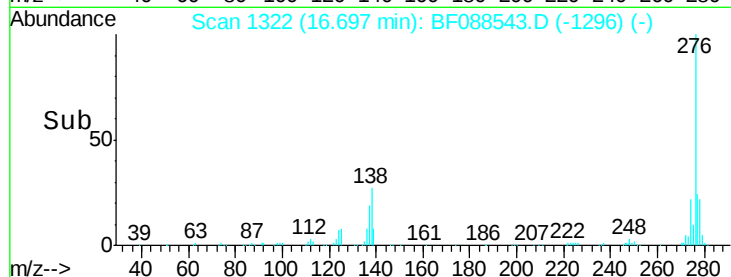
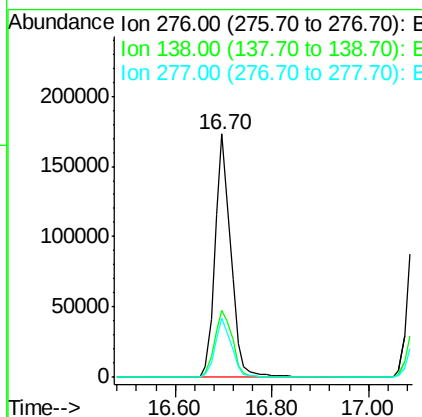
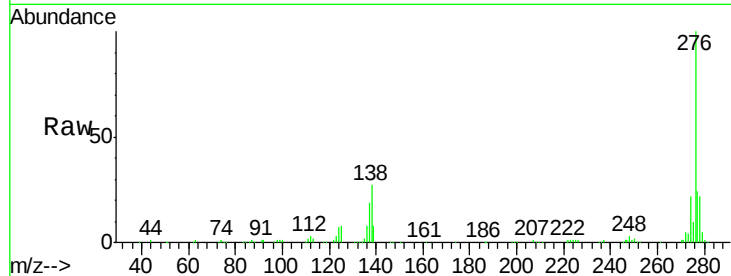
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.69 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	0.0	0.0#
277	24.8	0.0	0.0#

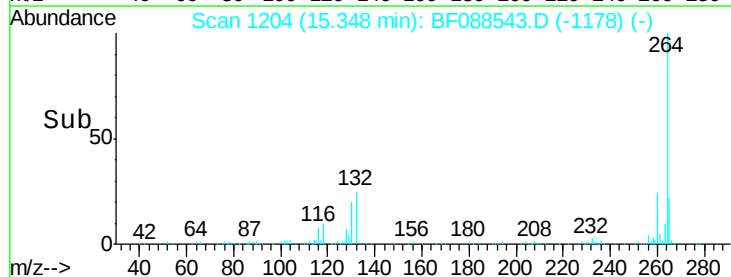
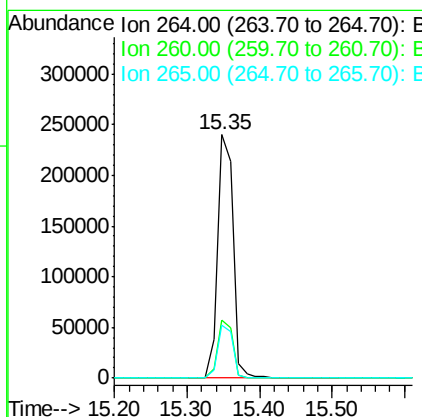
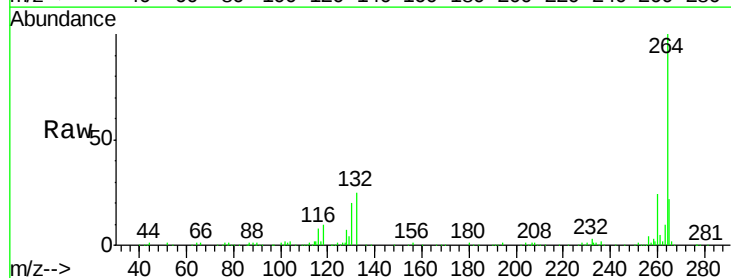
Manual Integrations

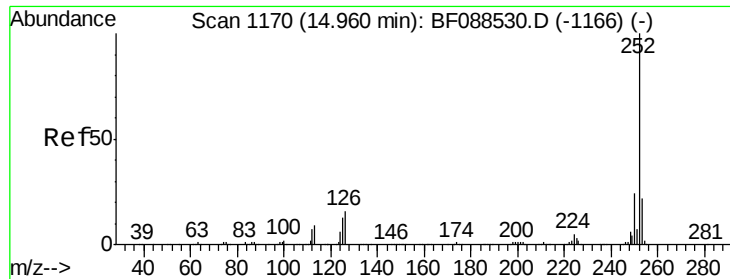
SOHIL
 7/1/2016 8:05:20 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 23.11 ng m

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF088543.D

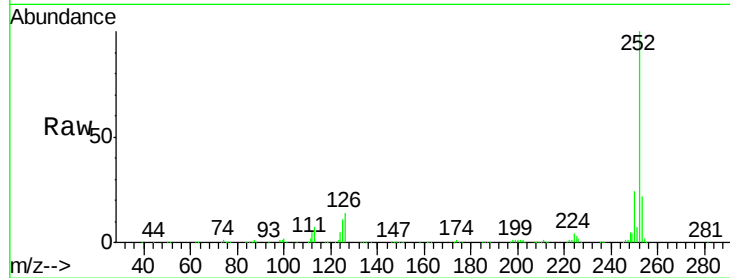
Acq: 30 Jun 2016 21:56

Instrument :

BNA_F

ClientSampleId :

PB91726BS



Tgt Ion:252 Resp: 515376

Ion Ratio Lower Upper

252 100

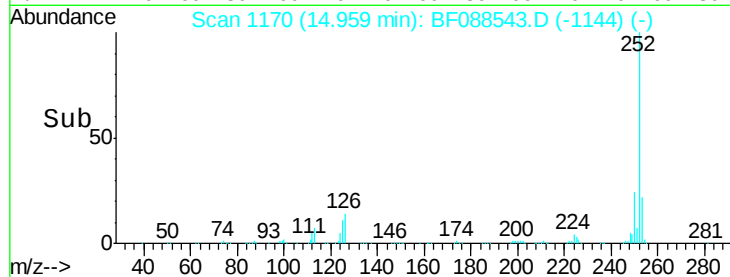
253 21.8 17.4 26.2

125 10.6 7.1 10.7

Manual Integrations

SOHIL

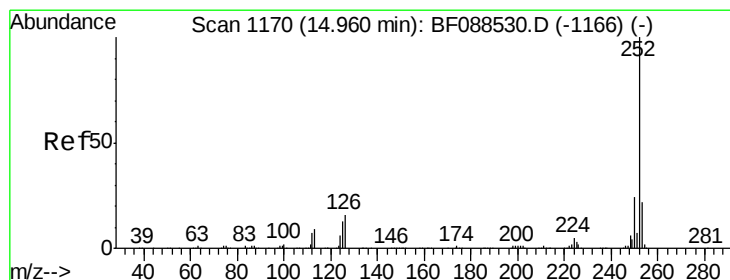
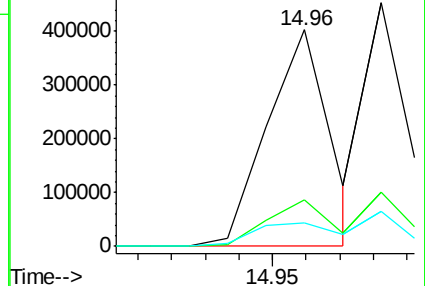
7/1/2016 8:05:20 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 21.10 ng m

RT: 14.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF088543.D

Acq: 30 Jun 2016 21:56

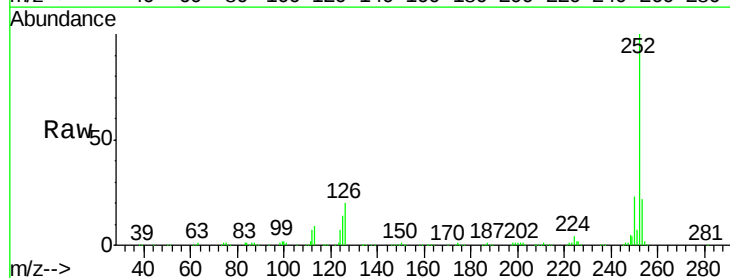
Tgt Ion:252 Resp: 409641

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

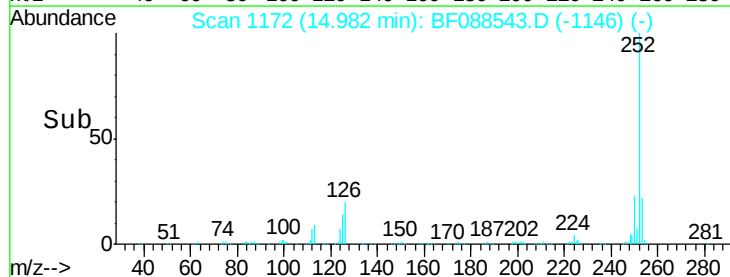
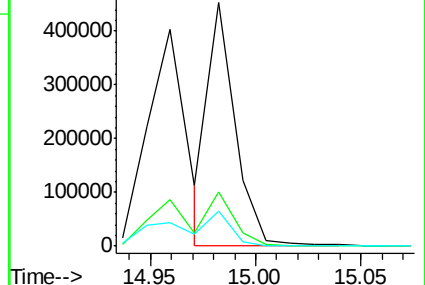
125 14.1 11.2 16.8

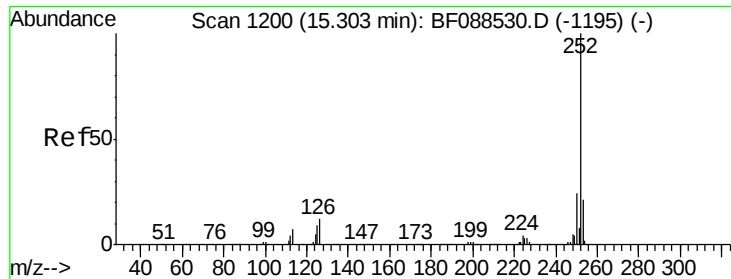


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





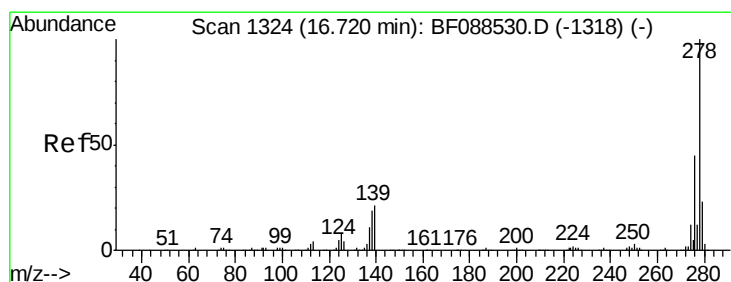
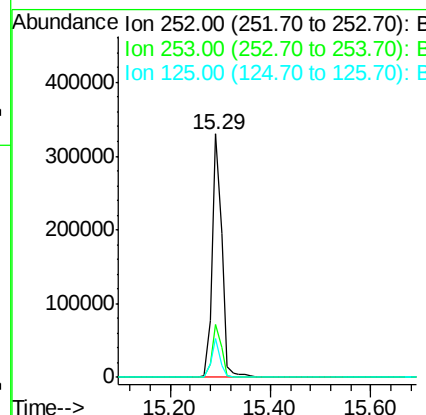
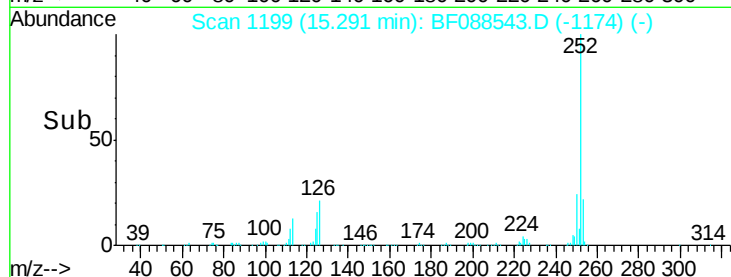
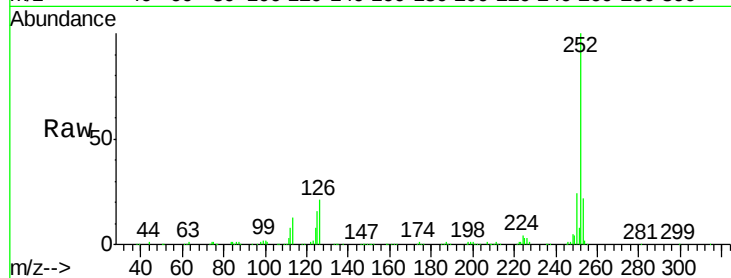
#89
Benzo(a)pyrene
Concen: 23.31 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	15.9	12.5	18.7

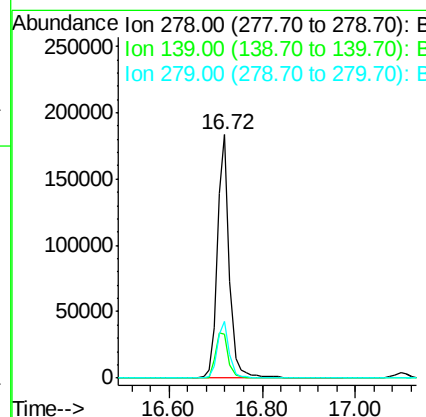
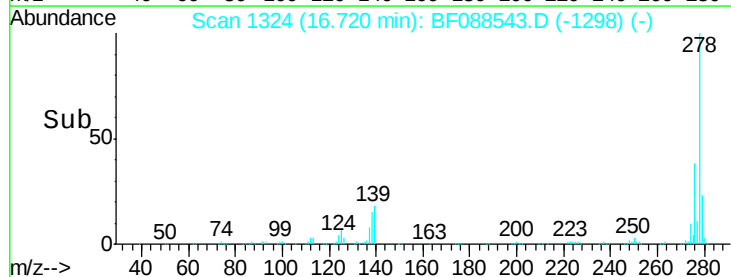
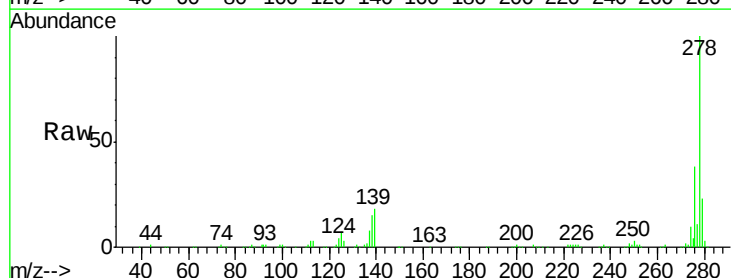
Manual Integrations

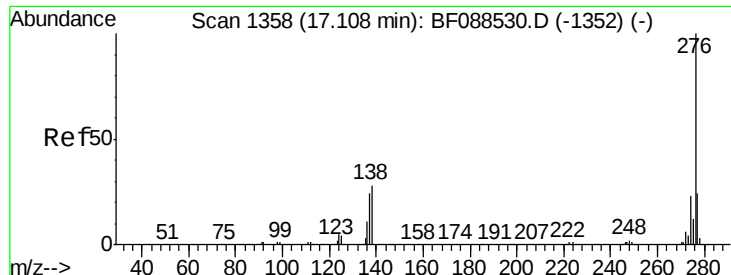
APPROVED
SOHIL
7/1/2016 8:05:20 AM



#90
Dibenzo(a,h)anthracene
Concen: 20.90 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088543.D
Acq: 30 Jun 2016 21:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.7	23.5
279	23.4	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 19.86 ng
 RT: 17.10 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF088543.D
 Acq: 30 Jun 2016 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:	276	Resp:	324020
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	28.4	21.4	32.2

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:05:20 AM

