

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088645.D
 Acq On : 3 Jul 2016 13:08
 Operator : UM/SJ
 Sample : PB91848BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Manual Integrations

umangi
 7/5/2016 7:52:07 PM

Quant Time: Jul 04 05:42:49 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	6.79	152	104806	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	417798	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	196533	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	397223	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	284634	20.00	ng	-0.03
86) Perylene-d12	15.31	264	283731	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	844696	120.79	ng	-0.01
7) Phenol-d6	6.42	99	955549	105.75	ng	-0.02
23) Nitrobenzene-d5	7.35	82	648994	81.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	259184	142.02	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1220534	98.10	ng	-0.02
78) Terphenyl-d14	12.88	244	1067508	83.54	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	107404	30.98	ng	# 33
3) Pyridine	3.10	79	160512	15.95	ng	92
4) n-Nitrosodimethylamine	3.04	42	69992	18.21	ng	86
6) Aniline	6.44	93	155002	11.77	ng	98
8) 2-Chlorophenol	6.57	128	171970	22.88	ng	91
9) Benzaldehyde	6.32	77	101248	16.54	ng	# 77
10) Phenol	6.43	94	230967	22.40	ng	78
11) bis(2-Chloroethyl)ether	6.52	93	174617	22.71	ng	87
12) 1,3-Dichlorobenzene	6.72	146	164450m	19.88	ng	
13) 1,4-Dichlorobenzene	6.80	146	171465	20.89	ng	95
14) 1,2-Dichlorobenzene	6.96	146	162802	21.19	ng	97
15) Benzyl Alcohol	6.92	79	147384	22.16	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	221675	19.90	ng	90
17) 2-Methylphenol	7.04	107	140078	22.85	ng	97
18) Hexachloroethane	7.30	117	67131	21.14	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	122172	20.13	ng	93
20) 3+4-Methylphenols	7.20	107	187101	25.43	ng	92
22) Acetophenone	7.19	105	235641	23.24	ng	# 87
24) Nitrobenzene	7.37	77	185761	23.11	ng	99
25) Isophorone	7.61	82	347444	23.53	ng	99
26) 2-Nitrophenol	7.68	139	79386	24.08	ng	92
27) 2,4-Dimethylphenol	7.72	122	158424	23.08	ng	90
28) bis(2-Chloroethoxy)methane	7.83	93	224129	23.32	ng	96
29) 2,4-Dichlorophenol	7.93	162	139267	25.10	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	138378	22.73	ng	99
31) Naphthalene	8.09	128	498403	24.20	ng	99
32) Benzoic acid	7.83	122	86853	17.42	ng	90
33) 4-Chloroaniline	8.14	127	100948	11.02	ng	97
34) Hexachlorobutadiene	8.22	225	79359	24.34	ng	98
35) Caprolactam	8.48	113	48152m	25.55	ng	
36) 4-Chloro-3-methylphenol	8.63	107	163785	24.96	ng	98
37) 2-Methylnaphthalene	8.78	142	313632	23.65	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	123396	18.88	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	227683	70.96	ng	99

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Manual Integrations

APPROVED
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 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)
42) 2,4,6-Trichlorophenol	9.06	196	96061	22.29	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	111353	30.03	nq #	90
45) 1,1'-Biphenyl	9.24	154	401530	24.67	nq	100
46) 2-Chloronaphthalene	9.27	162	307915	24.10	nq	99
47) 2-Nitroaniline	9.36	65	104974	23.15	nq	96
48) Acenaphthylene	9.68	152	483394	23.78	nq	99
49) Dimethylphthalate	9.54	163	349372	24.95	nq	99
50) 2,6-Dinitrotoluene	9.61	165	79968	25.77	nq	90
51) Acenaphthene	9.85	154	342913	27.52	nq	98
52) 3-Nitroaniline	9.77	138	59695	15.13	nq	94
53) 2,4-Dinitrophenol	9.87	184	106587	77.79	nq #	82
54) Dibenzofuran	10.02	168	419612	25.73	nq #	88
55) 4-Nitrophenol	9.94	139	240774	80.32	nq #	74
56) 2,4-Dinitrotoluene	10.01	165	113350	27.94	nq	99
57) Fluorene	10.36	166	322489	25.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	82441	28.74	nq #	55
59) Diethylphthalate	10.25	149	385802	27.46	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	152325	26.08	nq	92
61) 4-Nitroaniline	10.38	138	74324	19.58	nq	83
62) Azobenzene	10.52	77	443081	27.64	nq	95
64) 4,6-Dinitro-2-methylphenol	10.41	198	51569	24.27	nq	90
65) n-Nitrosodiphenylamine	10.48	169	307372	22.86	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	88113	22.01	nq #	71
67) Hexachlorobenzene	10.91	284	104490	23.58	nq #	89
68) Atrazine	11.00	200	92167	22.00	nq	92
69) Pentachlorophenol	11.11	266	179220	68.34	nq	97
70) Phenanthrene	11.32	178	543429	25.03	nq	99
71) Anthracene	11.37	178	504377	23.36	nq	99
72) Carbazole	11.53	167	511881	25.19	nq	97
73) Di-n-butylphthalate	11.87	149	592501	25.07	nq #	97
74) Fluoranthene	12.50	202	517488	23.51	nq	99
76) Benzidine	12.63	184	392389	27.27	nq	99
77) Pyrene	12.73	202	548374	22.72	nq	99
79) Butylbenzylphthalate	13.36	149	255814	23.76	nq	89
80) Benzo(a)anthracene	13.91	228	441177	24.07	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	74422	10.80	nq #	93
82) Chrysene	13.95	228	445570	24.57	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	311175	25.32	nq	99
84) Di-n-octyl phthalate	14.53	149	556647	26.66	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	350316	25.11	nq #	100
87) Benzo(b)fluoranthene	14.93	252	432497m	24.30	nq	
88) Benzo(k)fluoranthene	14.95	252	350070m	22.59	nq	
89) Benzo(a)pyrene	15.26	252	371967	24.68	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	289566	23.01	nq	100
91) Benzo(g,h,i)perylene	17.05	276	284702	21.86	nq #	93

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

```

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Operator   : UM/SJ
Sample     : PB91848BS
Misc       :
ALS Vial   : 10      Sample Multiplier: 1

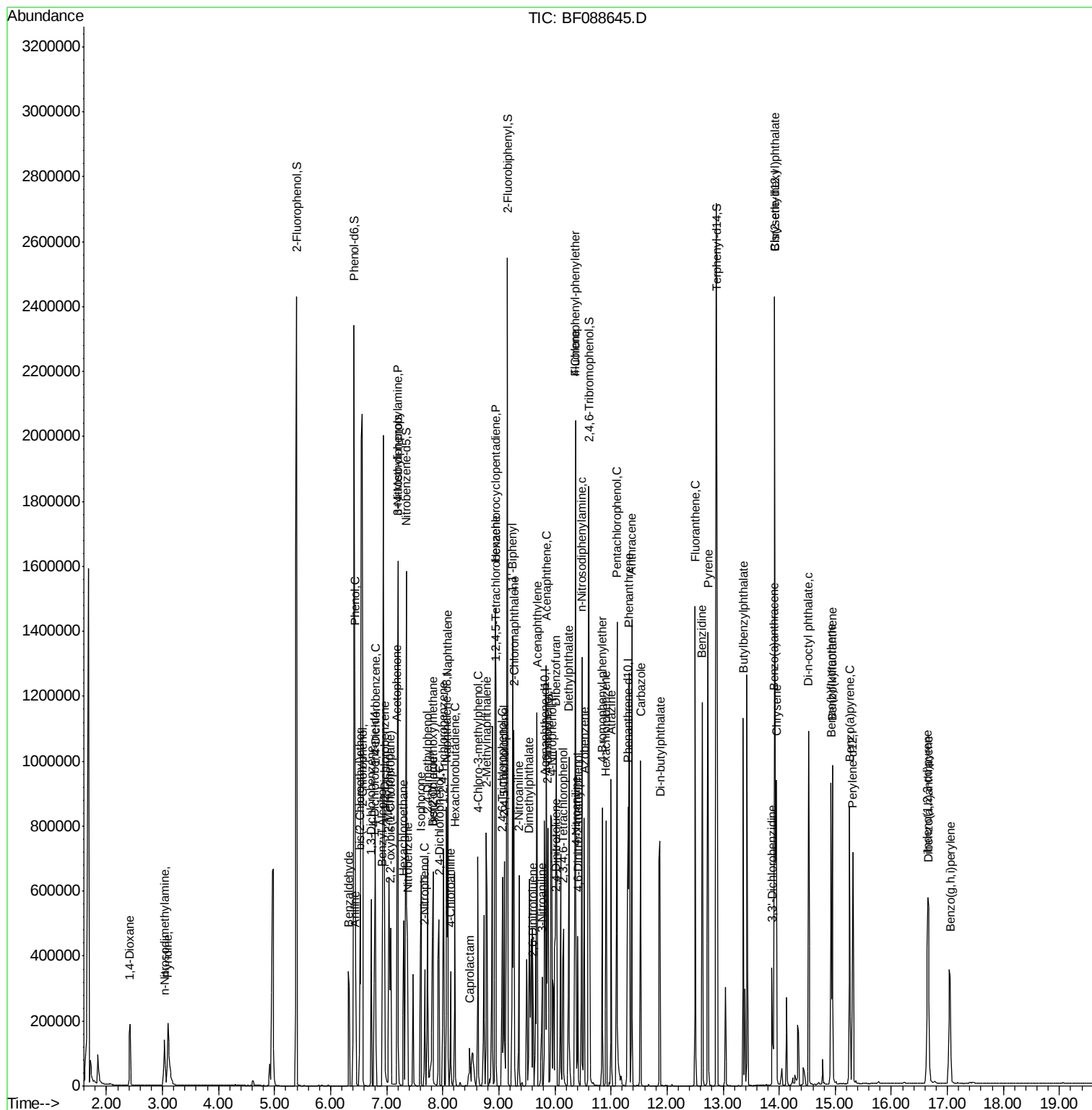
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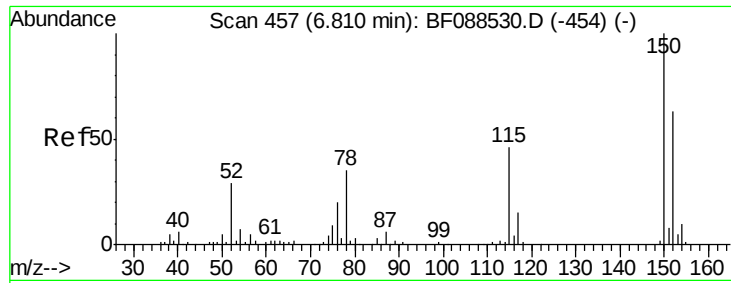
Instrument :
BNA_F
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Manual Integrations

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Quant Time: Jul 04 05:42:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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#1

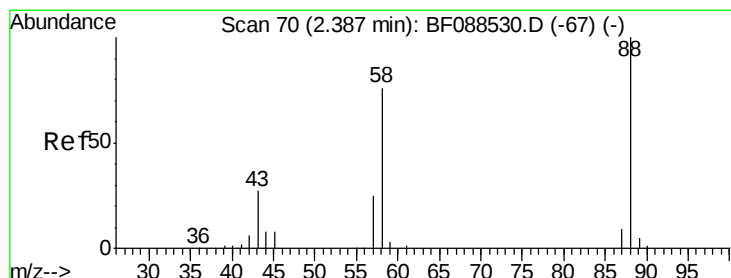
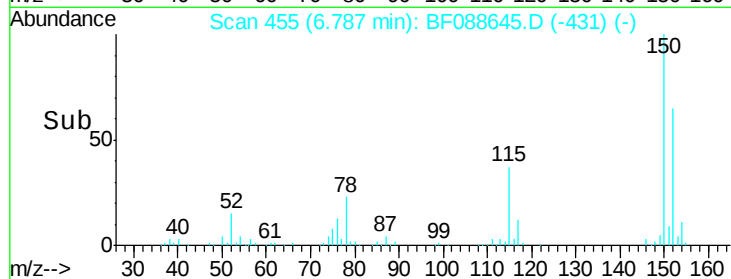
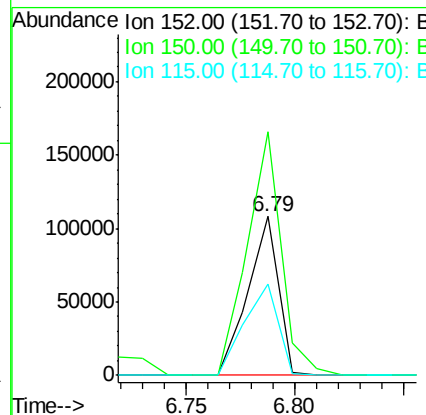
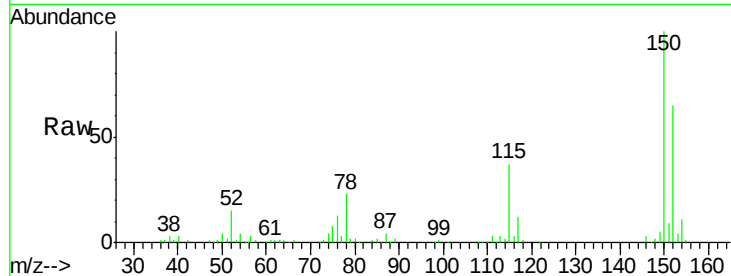
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.8	185.6
115	57.5	39.6	59.4

Manual Integrations

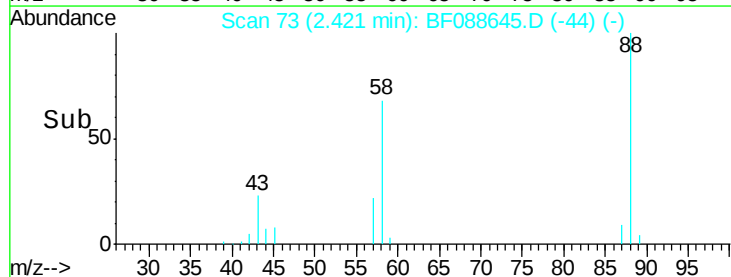
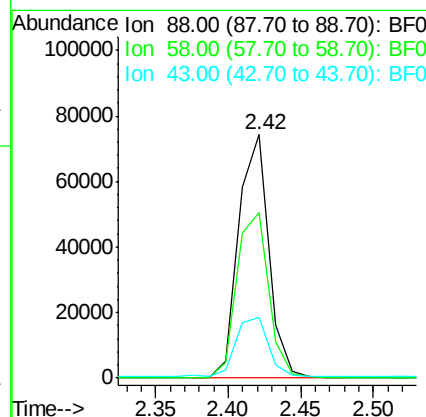
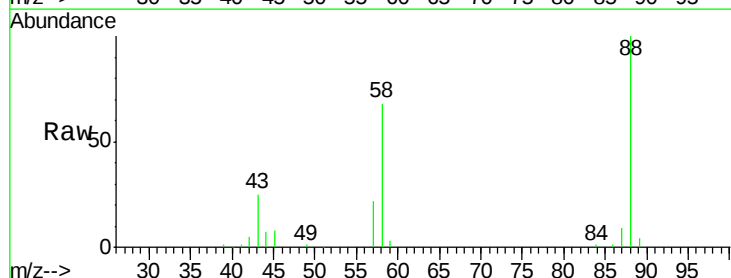
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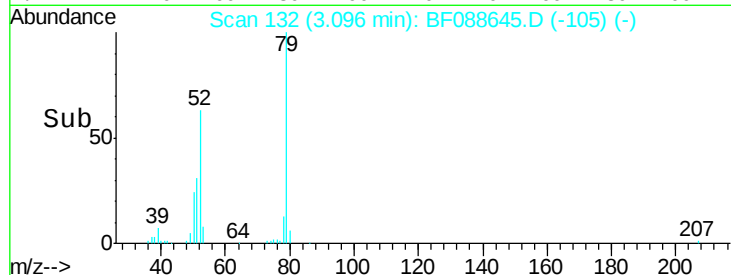
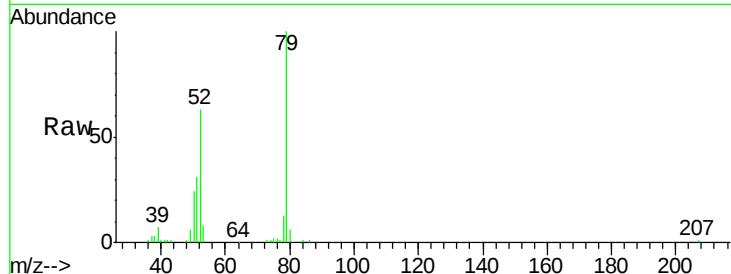
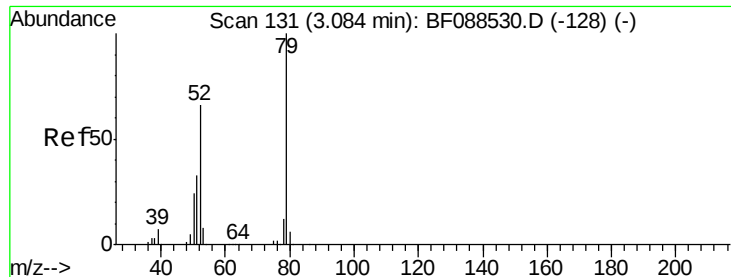


#2

1,4-Dioxane
Concen: 30.98 ng
RT: 2.42 min Scan# 73
Delta R.T. 0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	0.0	0.0#
43	26.4	3.4	5.2#





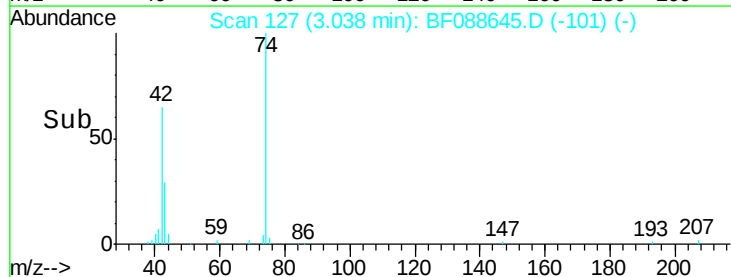
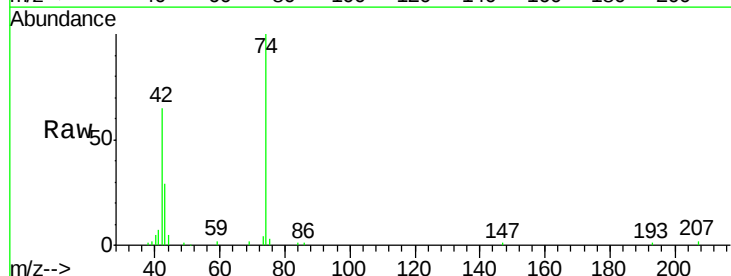
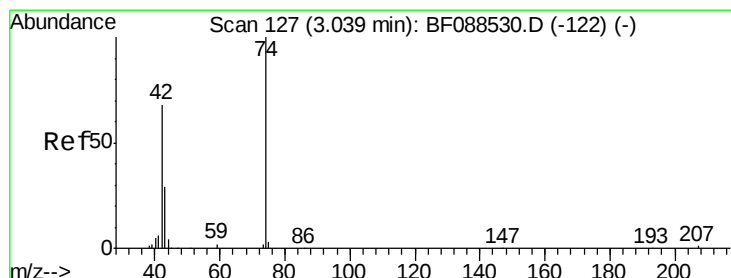
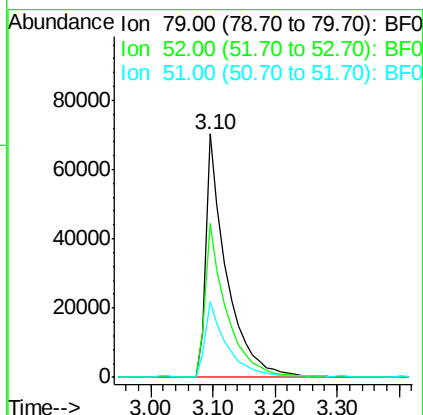
#3
Pvridine
Concen: 15.95 ng
RT: 3.10 min Scan# 132
Delta R.T. 0.01 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.3	56.3	84.5
51	31.0	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
PB91848BS

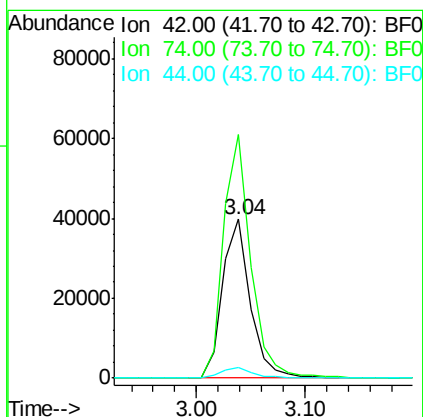
Manual Integrations

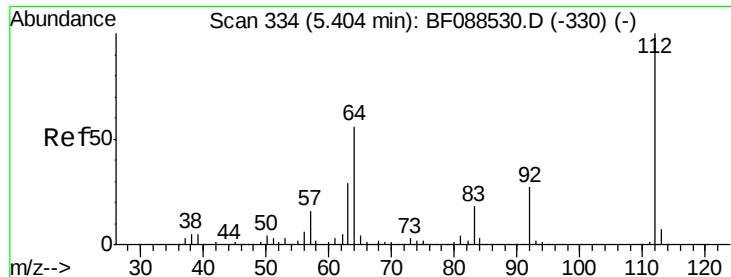
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#4
n-Nitrosodimethylamine
Concen: 18.21 ng
RT: 3.04 min Scan# 127
Delta R.T. -0.00 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.6	108.6	163.0
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 120.79 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

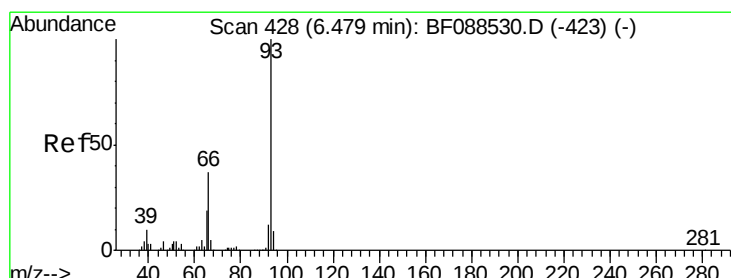
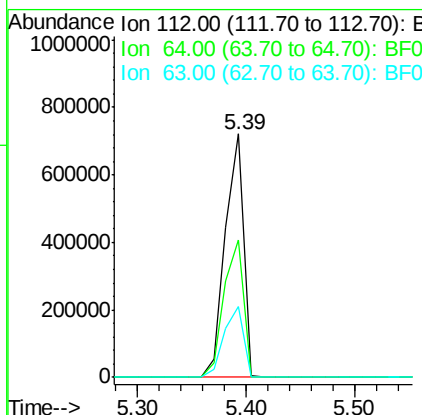
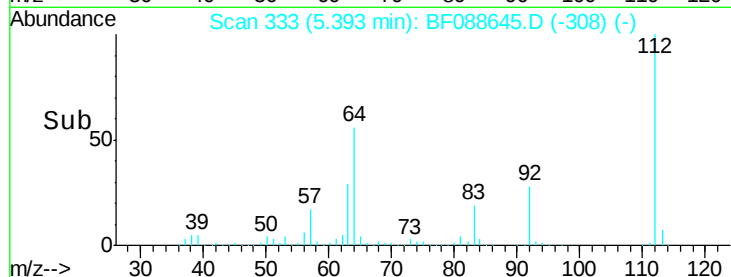
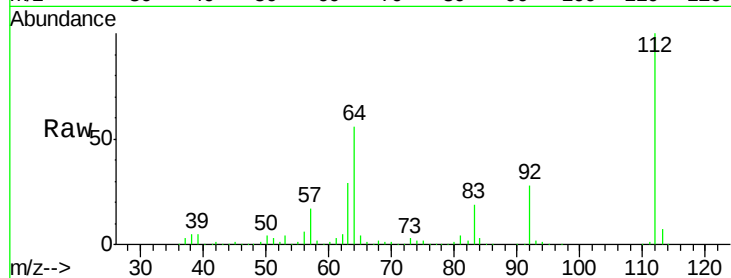
PB91848BS

Tot Ion:	112	Resp:	844696
Ion Ratio	Lower	Upper	
112	100		
64	56.4	42.2	63.2
63	29.1	21.8	32.8

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#6

Aniline

Concen: 11.77 ng

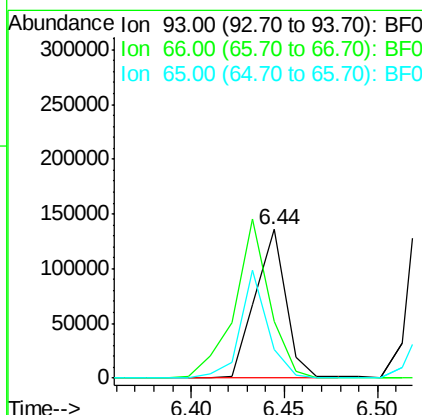
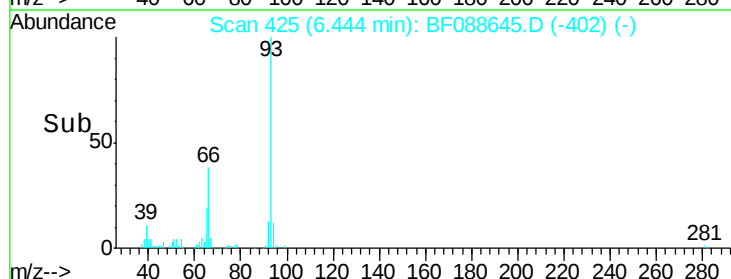
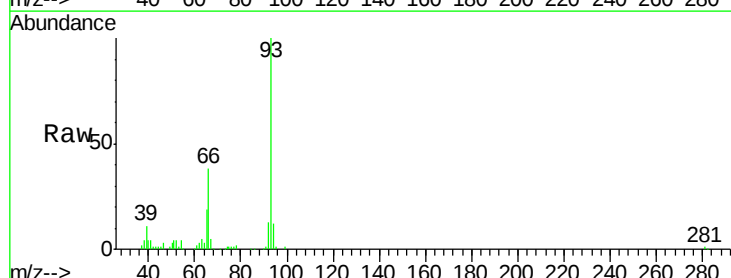
RT: 6.44 min Scan# 425

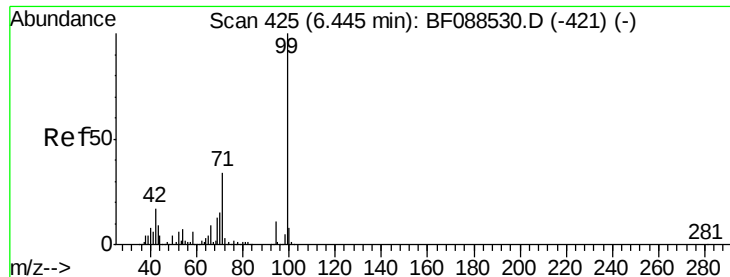
Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Tgt Ion:	93	Resp:	155002
Ion Ratio	Lower	Upper	
93	100		
66	38.4	29.8	44.8
65	19.3	14.9	22.3





#7

Phenol-d6

Concen: 105.75 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampled :

PB91848BS

Tot Ion: 99 Resp: 955549

Ion Ratio Lower Upper

99 100

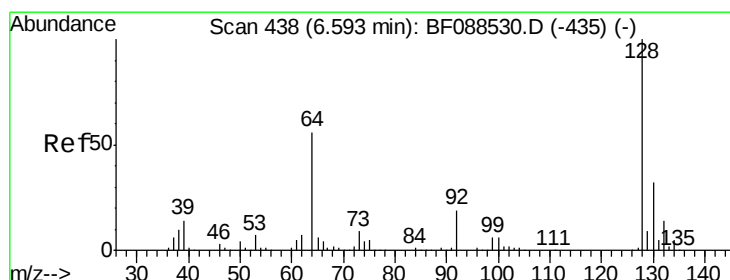
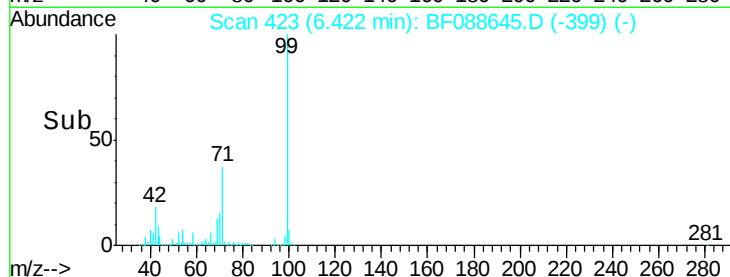
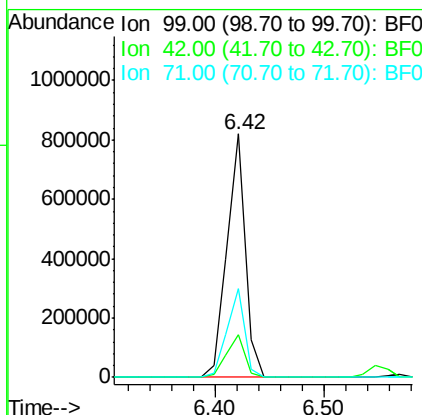
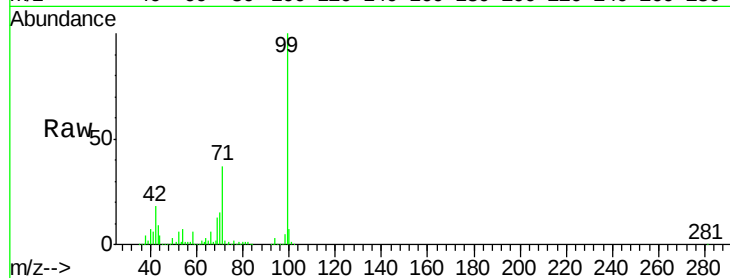
42 17.6 12.2 18.2

71 36.6 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 22.88 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

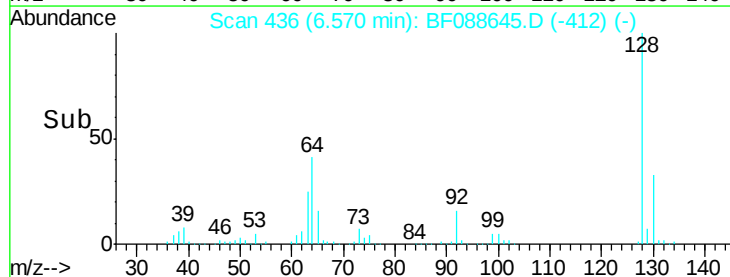
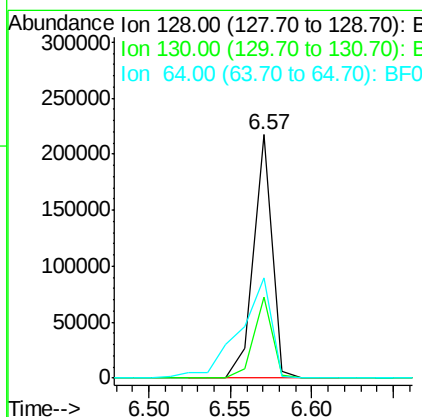
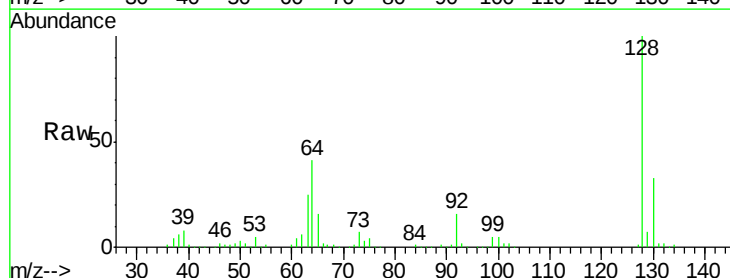
Tgt Ion: 128 Resp: 171970

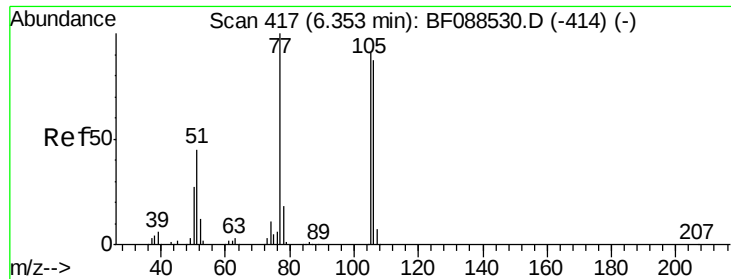
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 41.3 30.8 70.8





#9

Benzaldehyde

Concen: 16.54 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampled :

PB91848BS

Tot Ion: 77 Resp: 101248

Ion Ratio Lower Upper

77 100

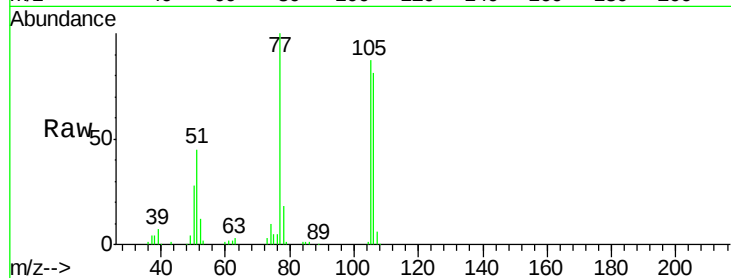
105 86.8 90.6 130.6#

106 81.5 85.3 125.3#

Manual Integrations

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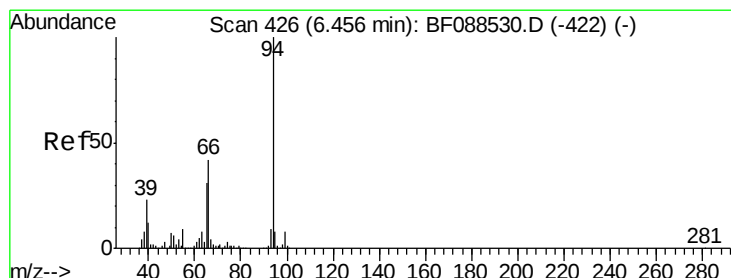
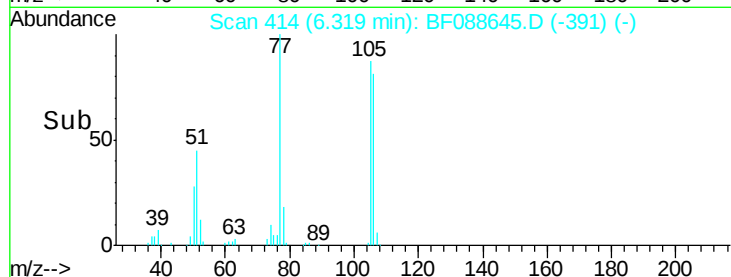
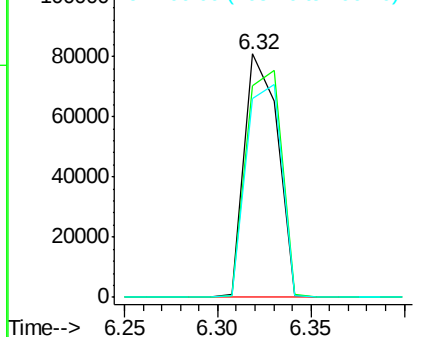
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 22.40 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

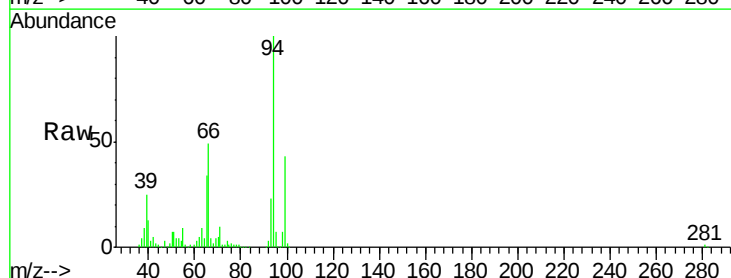
Tgt Ion: 94 Resp: 230967

Ion Ratio Lower Upper

94 100

65 33.7 5.9 45.9

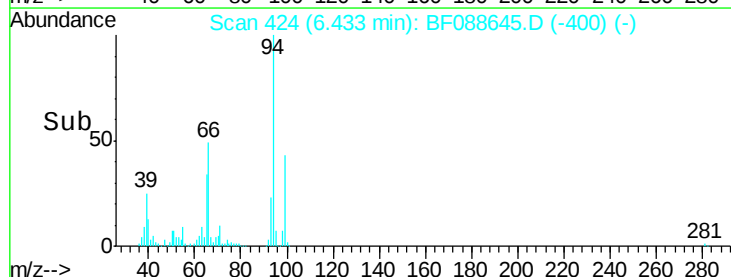
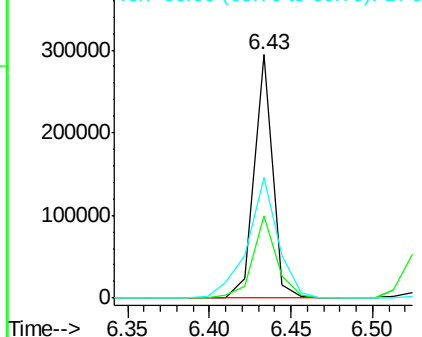
66 49.4 14.0 54.0

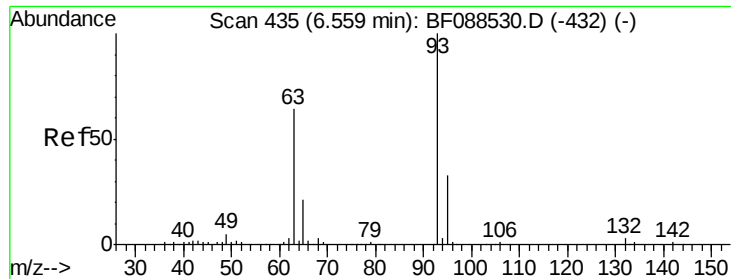


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





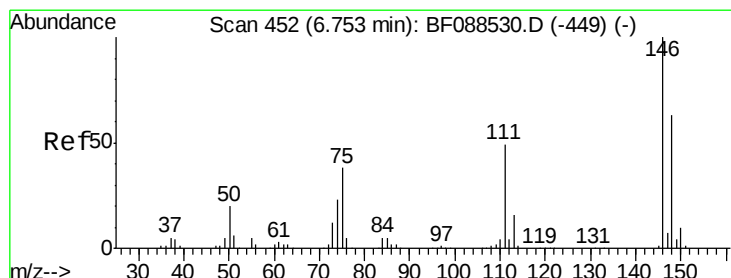
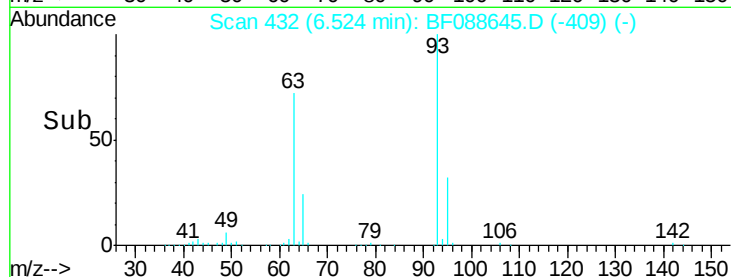
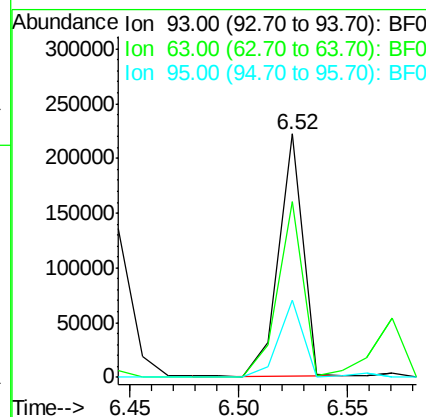
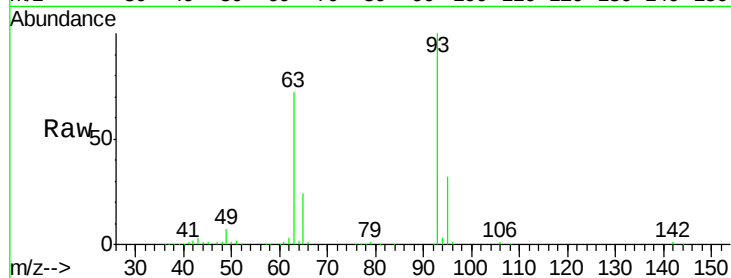
#11
bis(2-Chloroethyl)ether
Concen: 22.71 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampled :
PB91848BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	67.6	107.6
95	31.6	12.5	52.5

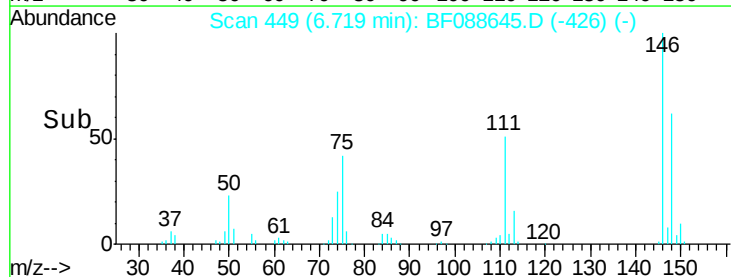
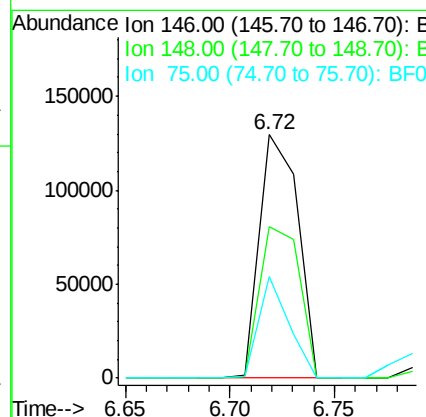
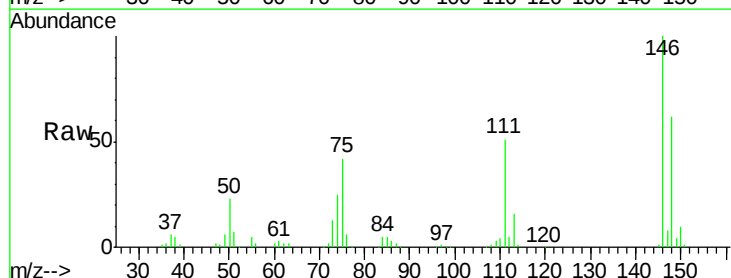
Manual Integrations

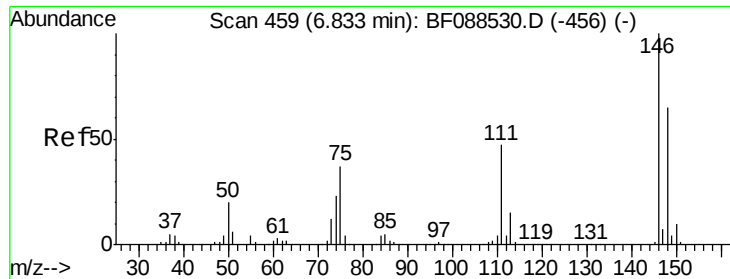
umangi
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#12
1,3-Dichlorobenzene
Concen: 19.88 ng m
RT: 6.72 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.9	76.3
75	41.8	25.6	38.4





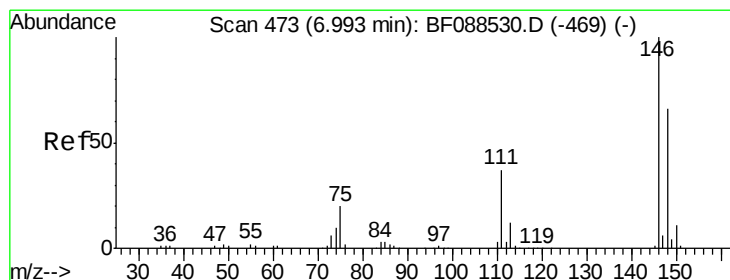
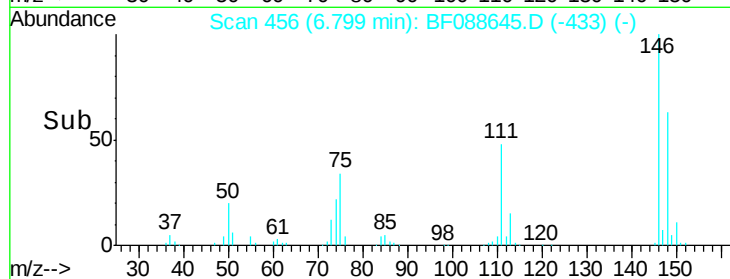
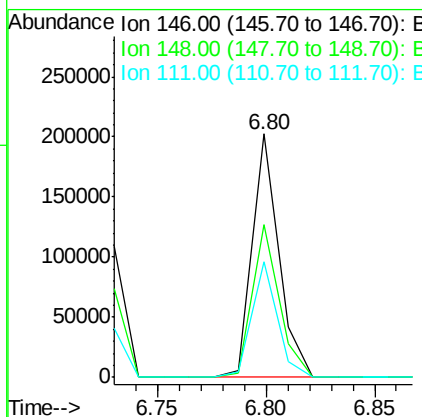
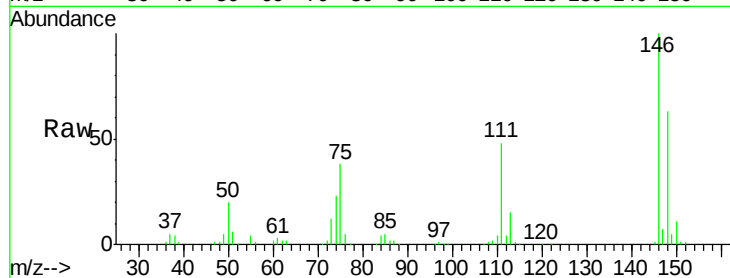
#13
 1,4-Dichlorobenzene
 Concen: 20.89 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampled :
 PB91848BS

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.0	52.0	78.0	
111	47.7	33.8	50.8	

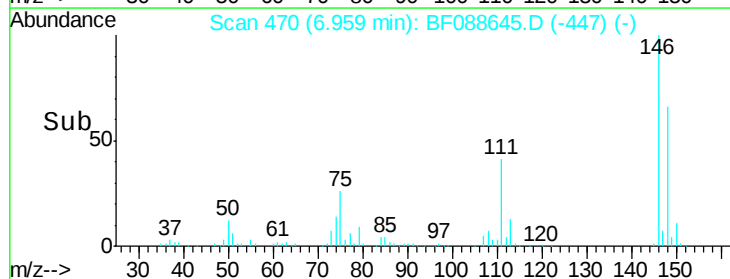
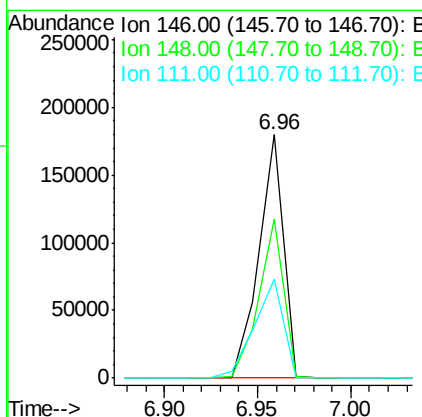
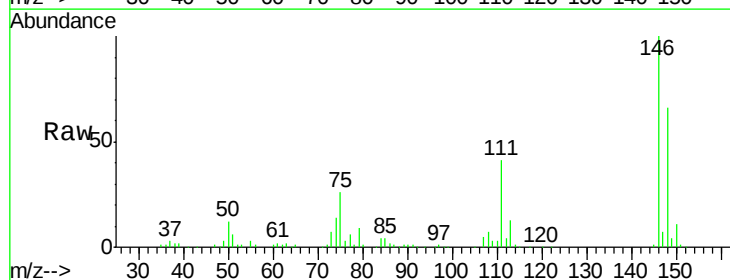
Manual Integrations

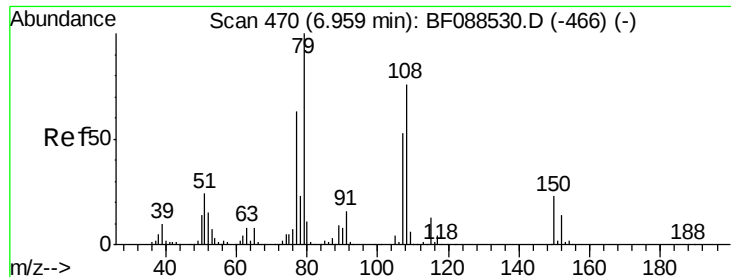
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#14
 1,2-Dichlorobenzene
 Concen: 21.19 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.6	52.3	78.5	
111	40.8	28.7	43.1	





#15

Benzyl Alcohol

Concen: 22.16 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tot Ion: 79 Resp: 147384

Ion Ratio Lower Upper

79 100

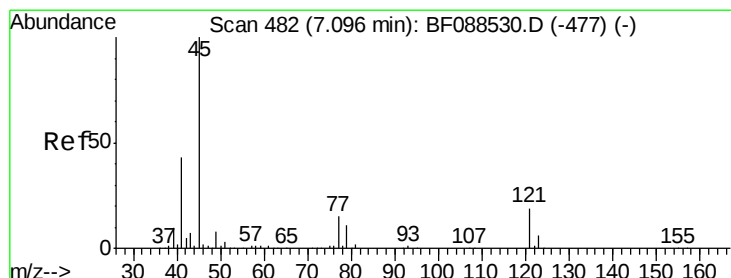
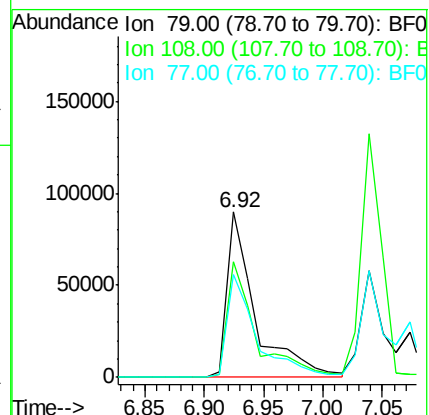
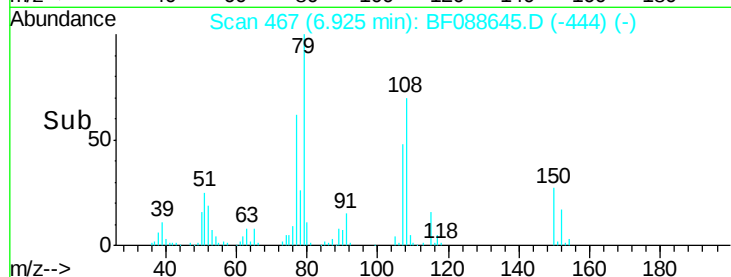
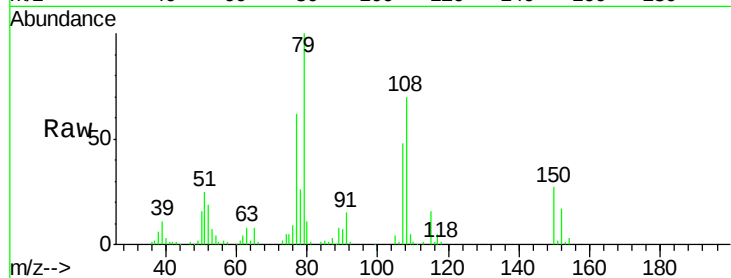
108 69.8 65.0 97.6

77 62.5 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 19.90 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

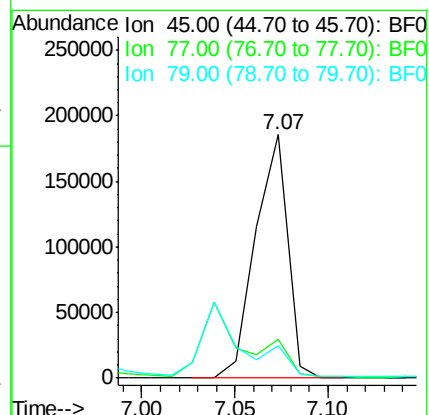
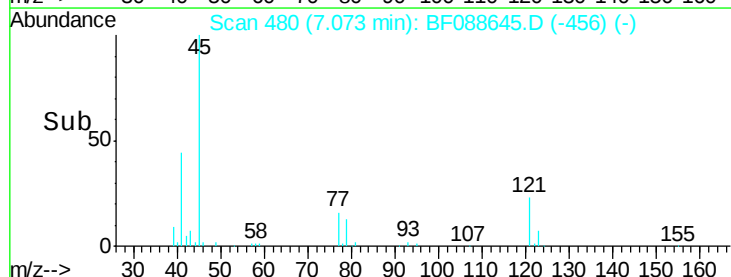
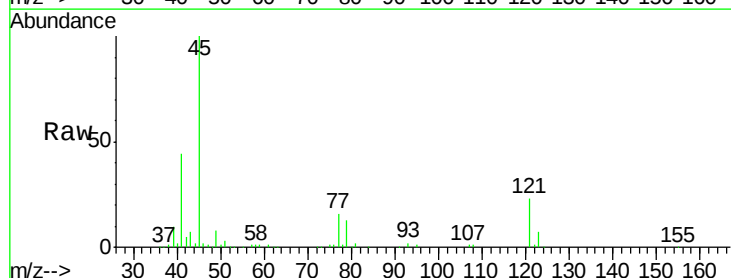
Tgt Ion: 45 Resp: 221675

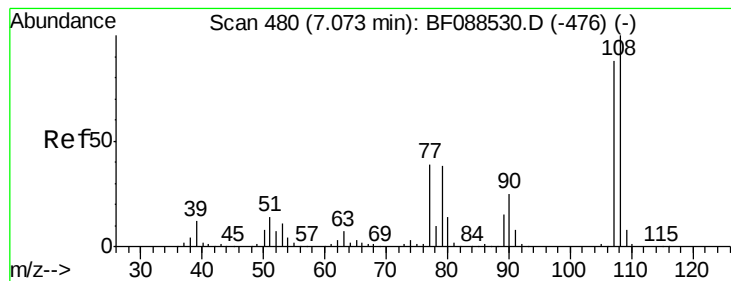
Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.5

79 13.4 0.0 29.5





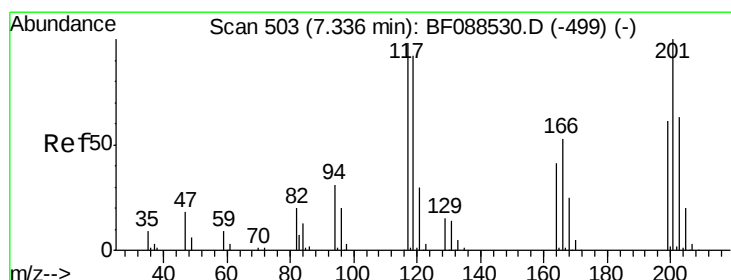
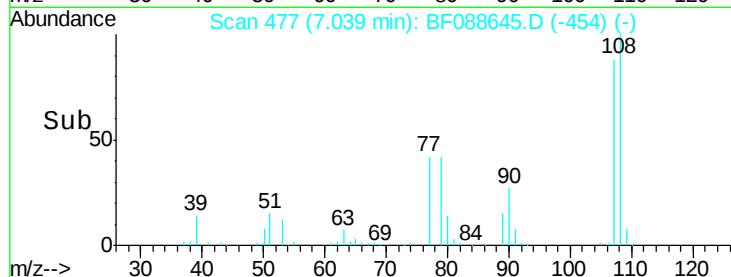
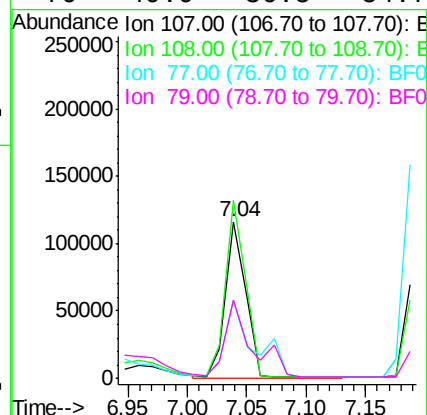
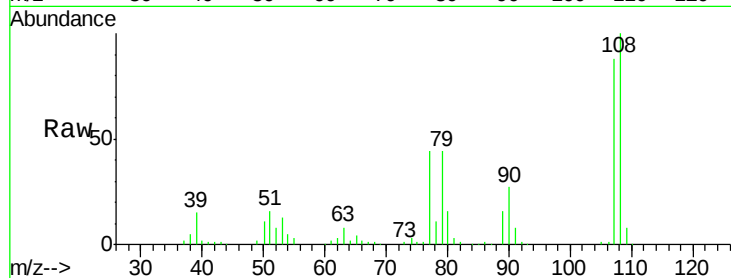
#17
2-Methylphenol
Concen: 22.85 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampled :
PB91848BS

Tot Ion	107	Resp	140078
Ion Ratio	Lower	Upper	
107	100		
108	113.5	90.9	136.3
77	49.8	36.6	55.0
79	49.9	36.5	54.7

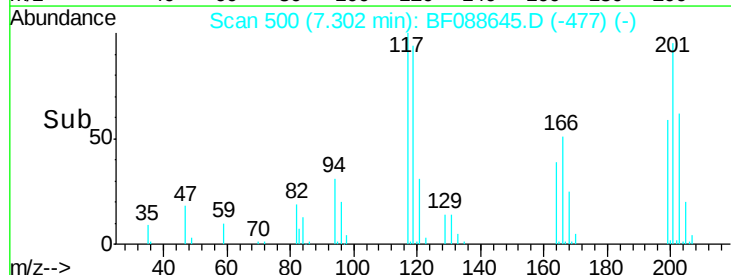
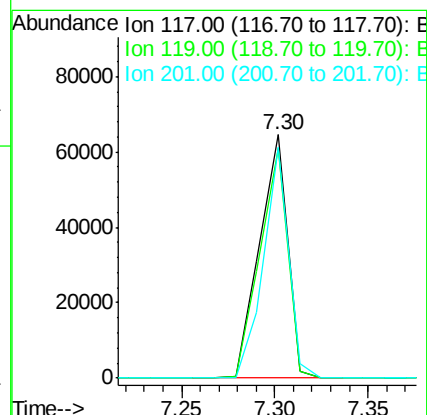
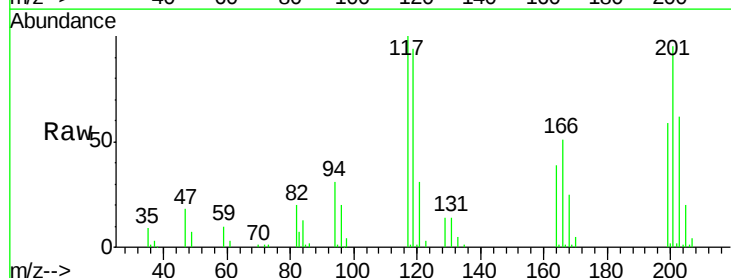
Manual Integrations

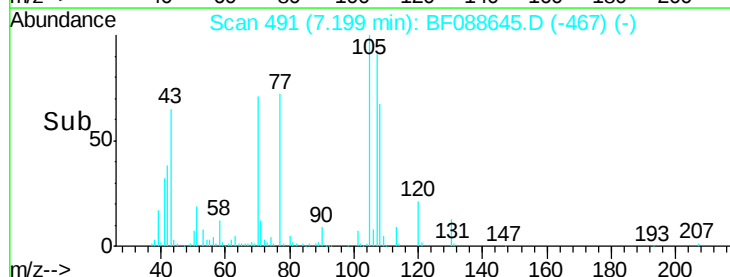
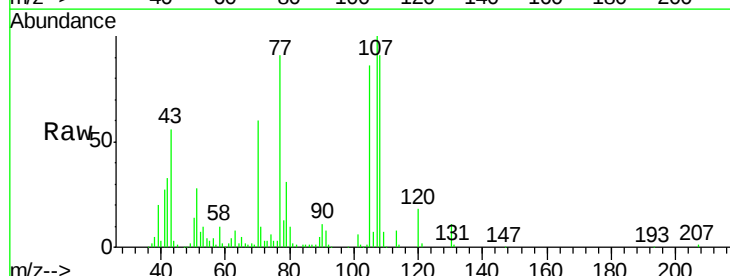
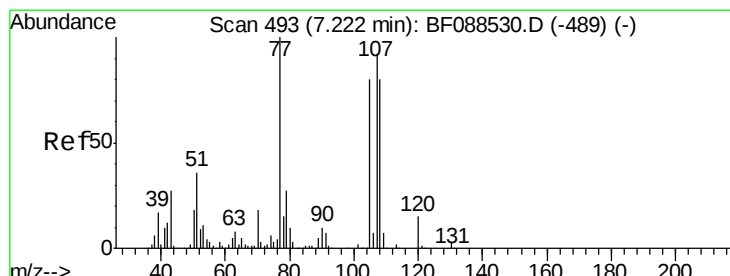
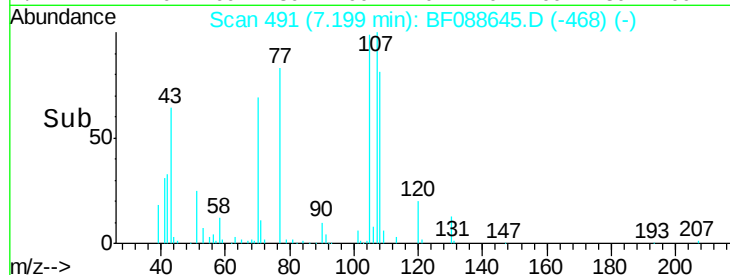
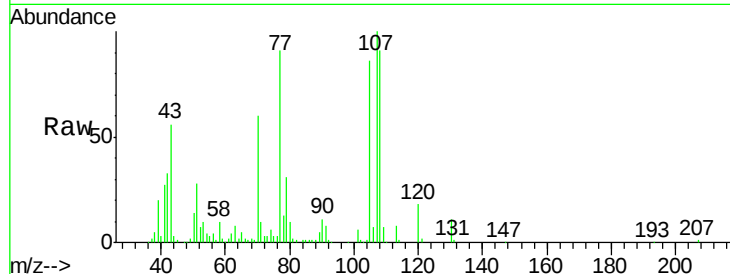
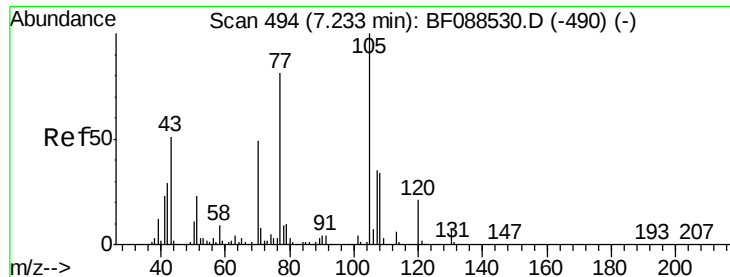
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#18
Hexachloroethane
Concen: 21.14 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

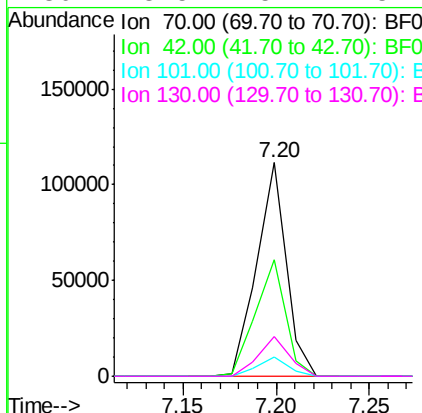
Tgt Ion	117	Resp	67131
Ion Ratio	Lower	Upper	
117	100		
119	94.1	77.4	116.2
201	95.0	80.4	120.6





#19
n-Nitroso-di-n-propylamine
Concen: 20.13 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	49.6	74.4
101	9.2	7.1	10.7
130	18.5	15.4	23.2



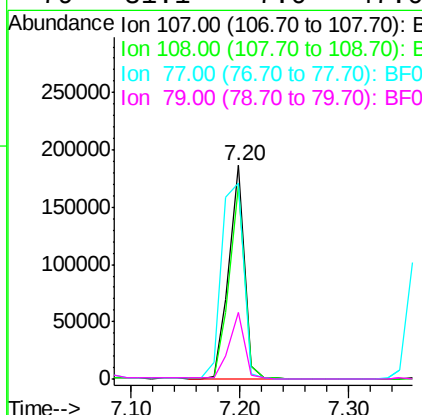
Instrument :
BNA_F
ClientSampleId :
PB91848BS

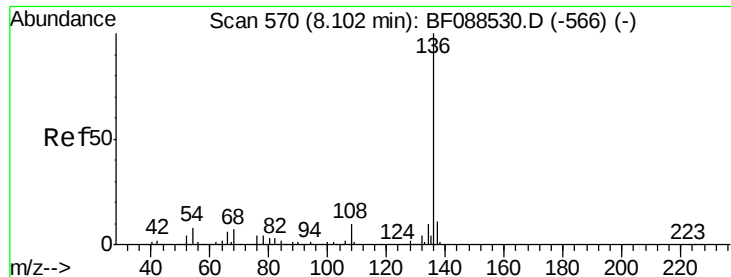
Manual Integrations

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#20
3+4-Methylphenols
Concen: 25.43 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.8	107.8
77	91.4	59.3	99.3
79	31.1	7.0	47.0





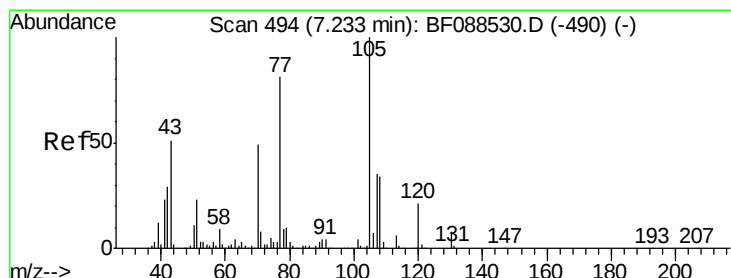
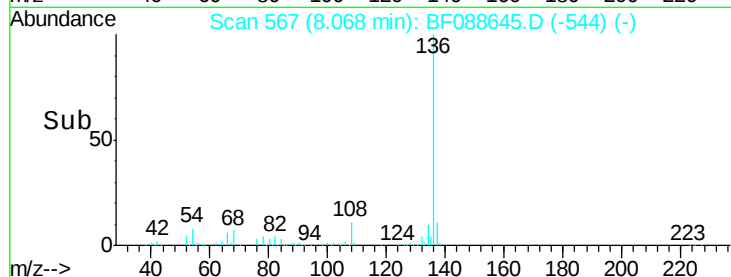
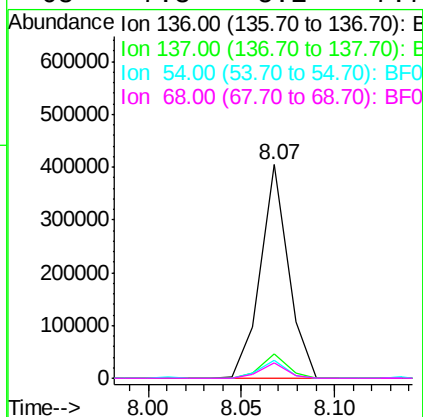
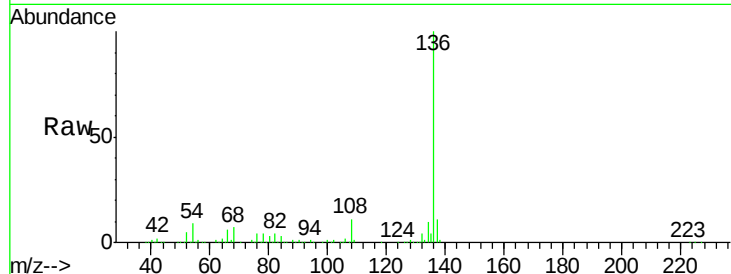
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		417798		
137	11.2		9.1	13.7	
54	8.6		6.6	10.0	
68	7.3		5.1	7.7	

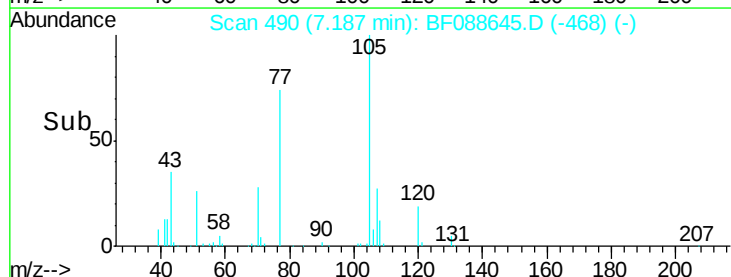
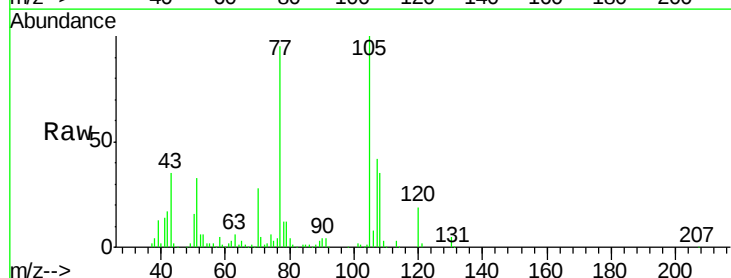
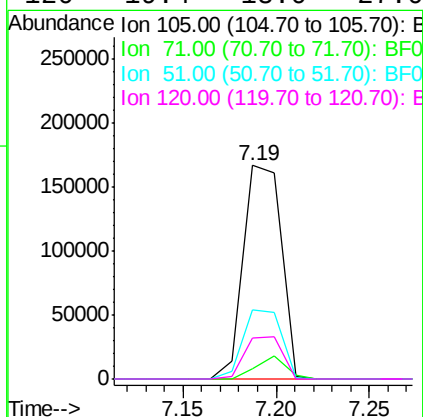
Manual Integrations

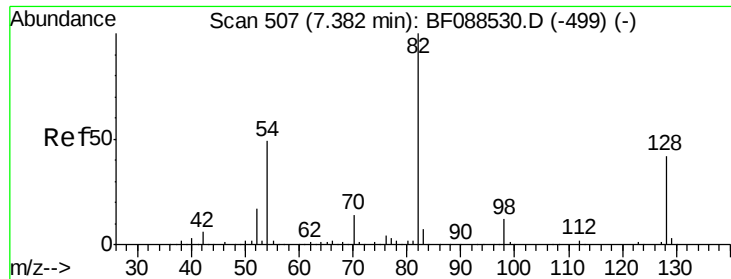
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#22
Acetophenone
Concen: 23.24 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		235641		
71	4.6		5.3	7.9#	
51	32.7		18.2	27.4#	
120	19.4		18.0	27.0	





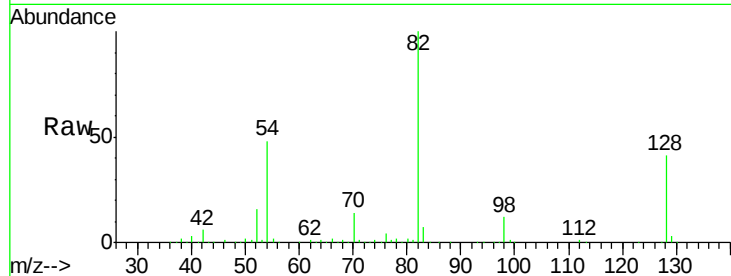
#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

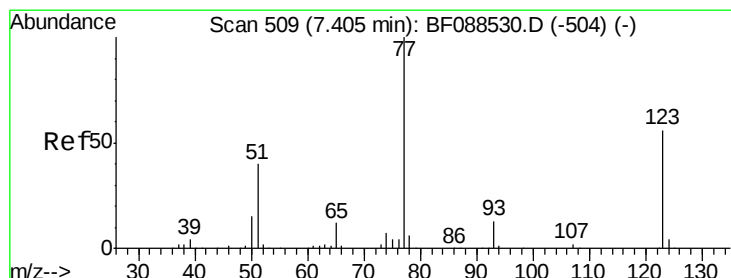
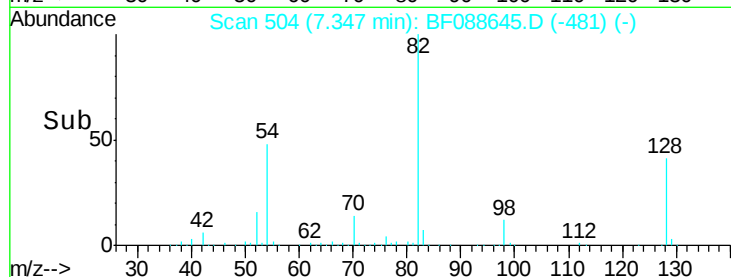
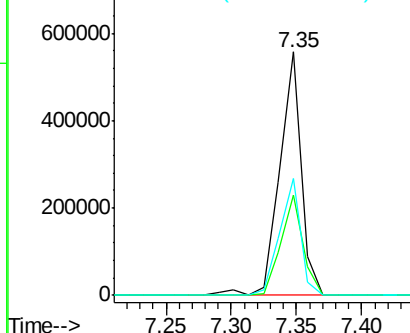
Tot Ion	82	Resp	648994
Ion Ratio	100	Lower	Upper
82	100		
128	41.4	35.9	53.9
54	48.0	40.9	61.3

Manual Integrations

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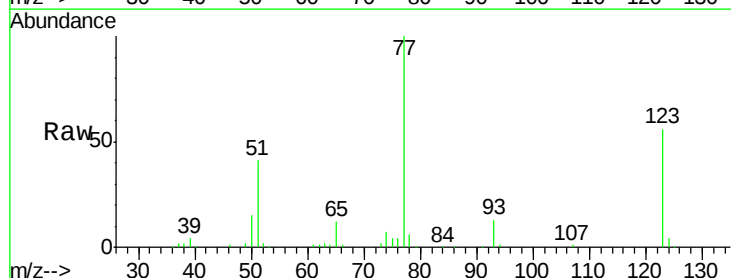


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

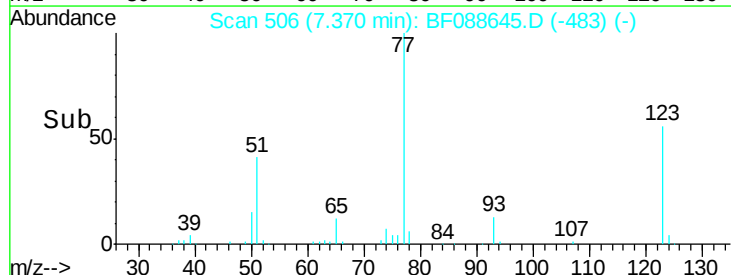
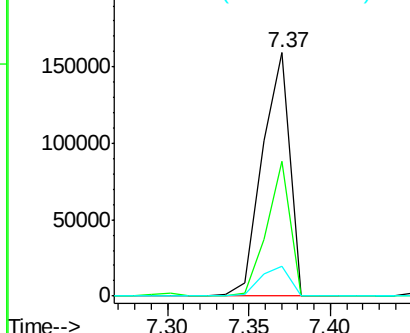


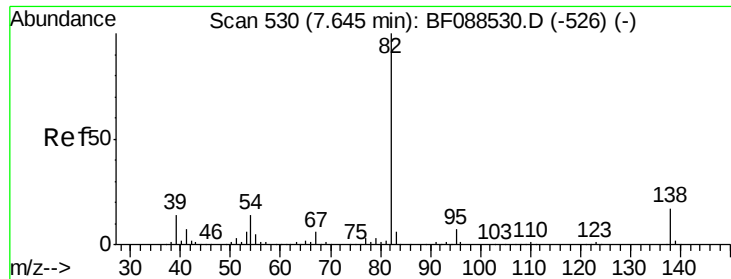
#24
Nitrobenzene
Concen: 23.11 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	77	Resp	185761
Ion Ratio	100	Lower	Upper
77	100		
123	55.5	45.0	67.4
65	12.1	10.2	15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.53 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tot Ion: 82 Resp: 347444

Ion Ratio Lower Upper

82 100

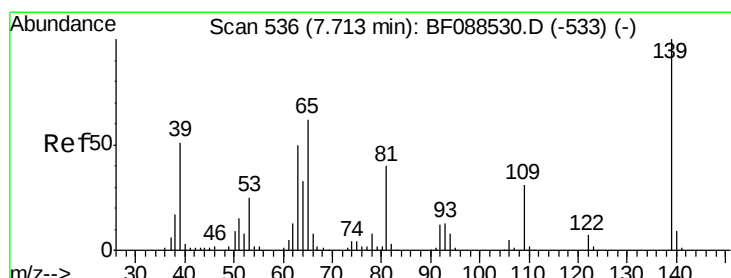
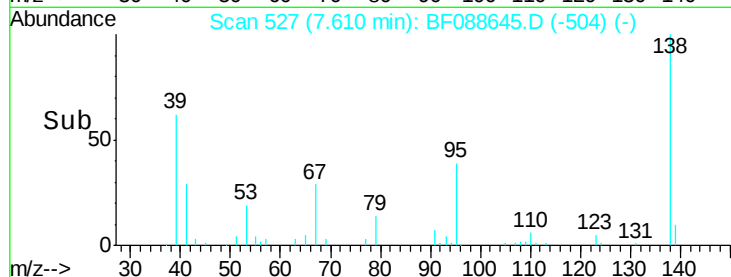
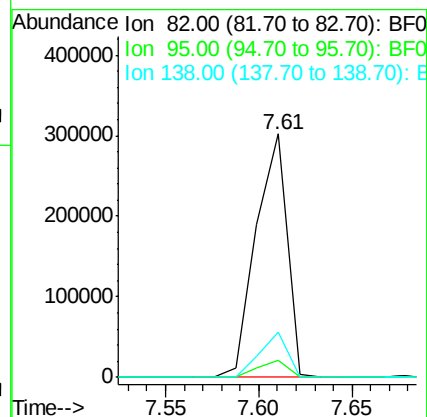
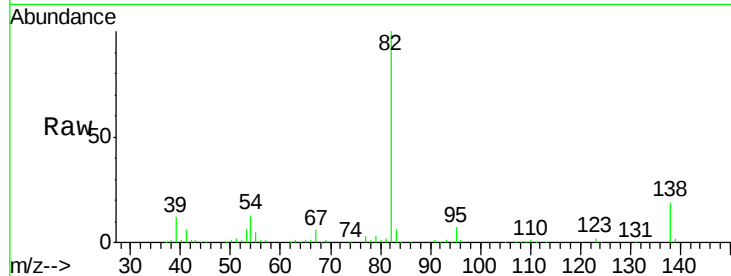
95 7.2 5.4 8.2

138 18.5 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 24.08 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

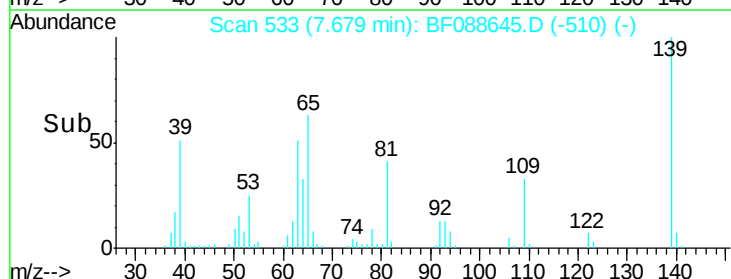
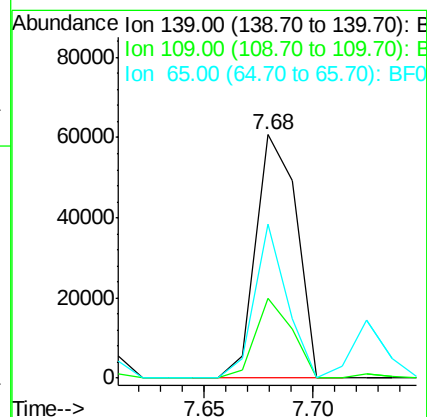
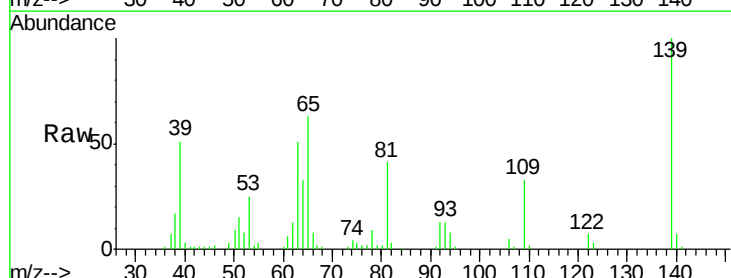
Tgt Ion: 139 Resp: 79386

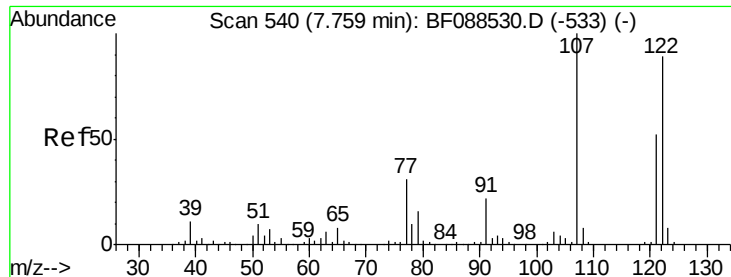
Ion Ratio Lower Upper

139 100

109 32.8 23.0 34.4

65 63.5 45.8 68.8





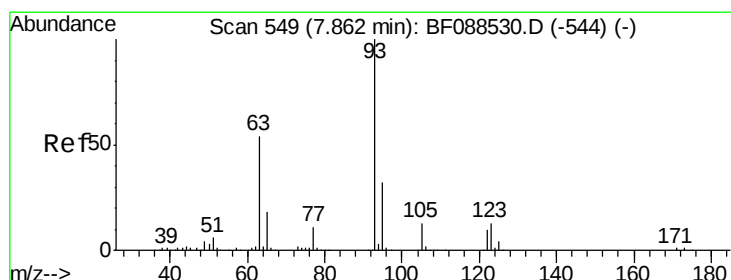
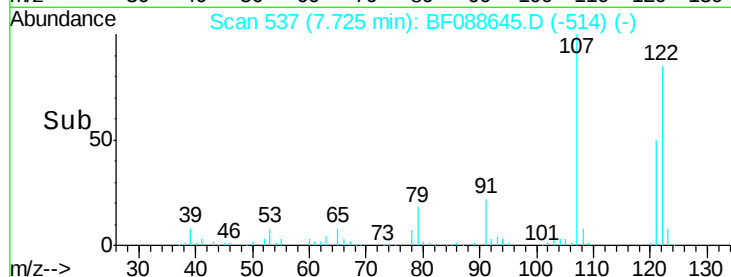
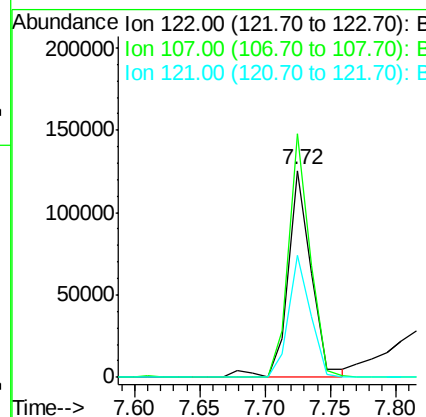
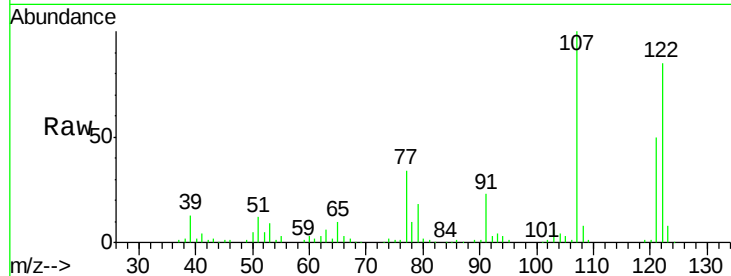
#27
 2,4-Dimethylphenol
 Concen: 23.08 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		158424		
107	117.6	82.4	123.6		
121	59.2	46.3	69.5		

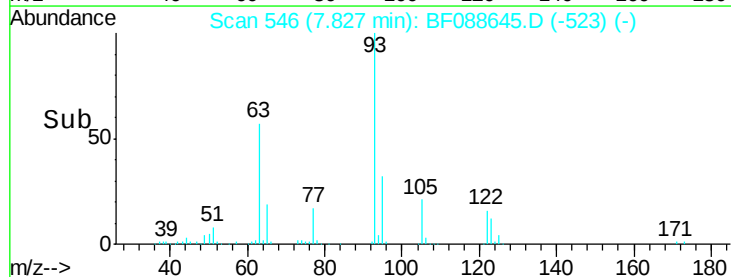
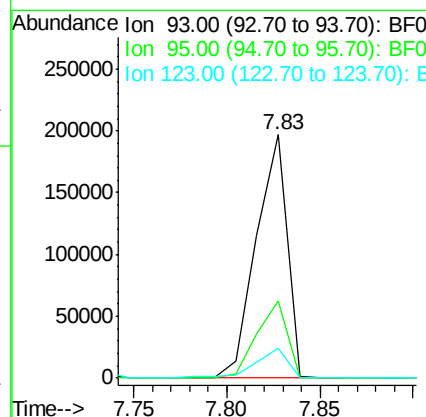
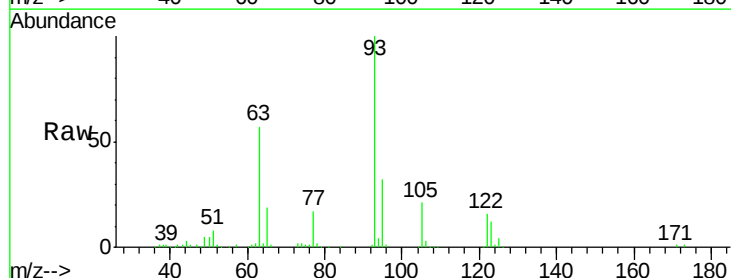
Manual Integrations

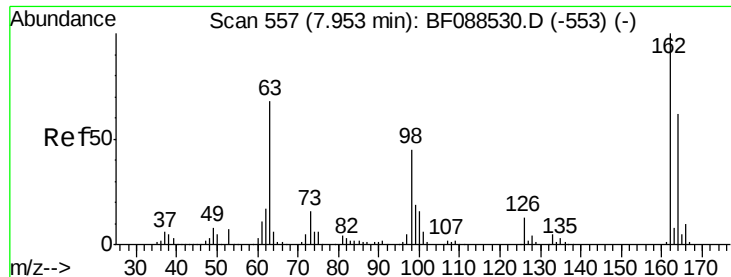
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#28
 bis(2-Chloroethoxy)methane
 Concen: 23.32 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		224129		
95	31.6	26.5	39.7		
123	12.1	11.6	17.4		





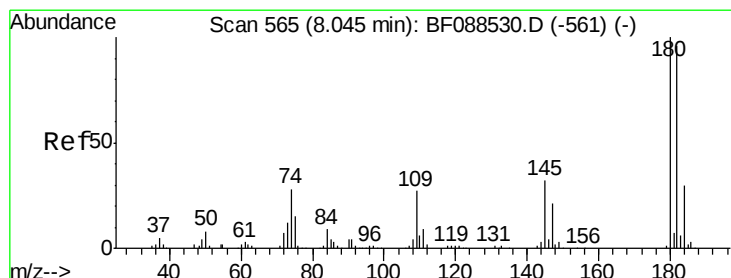
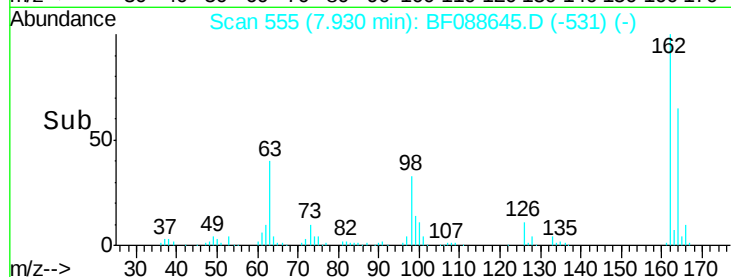
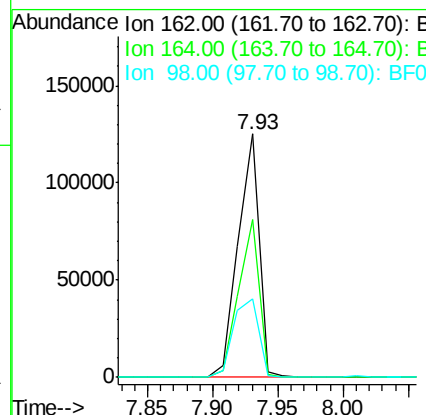
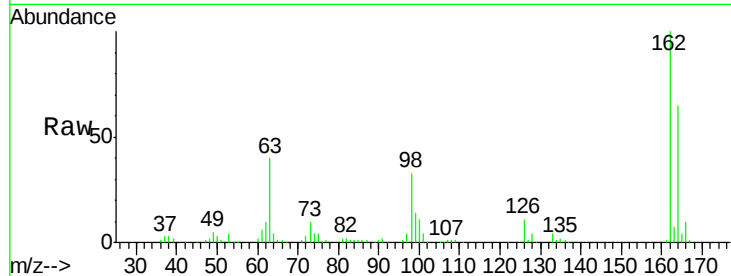
#29
 2,4-Dichlorophenol
 Concen: 25.10 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	32.5	21.3	61.3

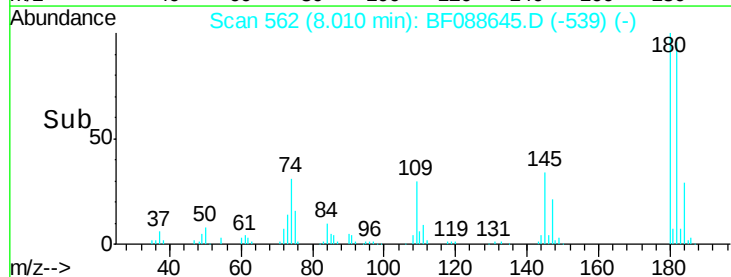
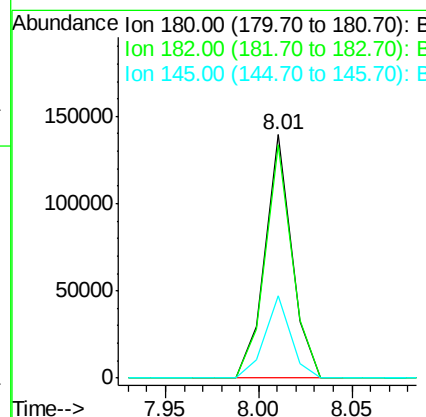
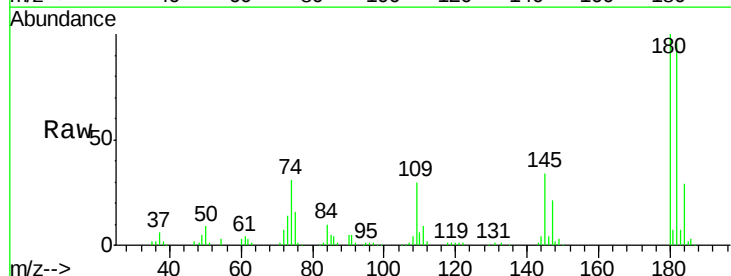
Manual Integrations

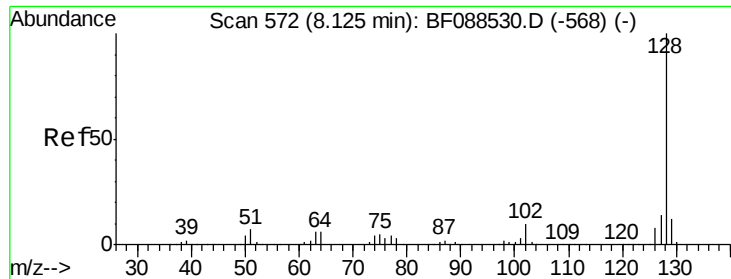
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#30
 1,2,4-Trichlorobenzene
 Concen: 22.73 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	33.9	26.5	39.7





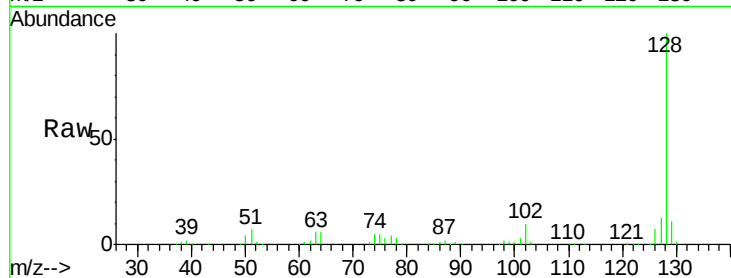
#31
Naphthalene
Concen: 24.20 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

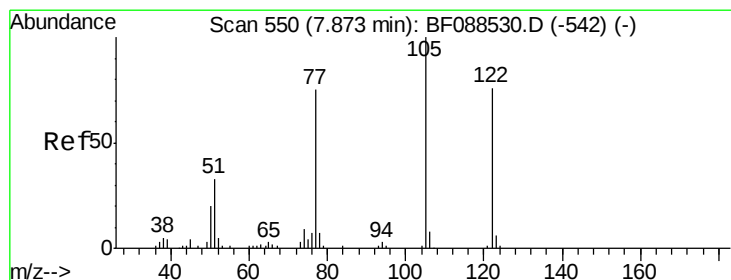
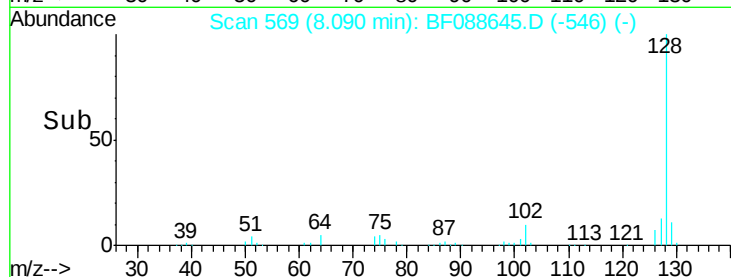
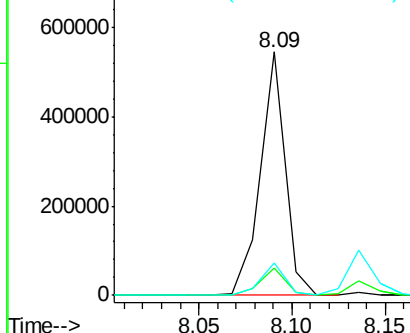
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.3	10.9	16.3

Manual Integrations

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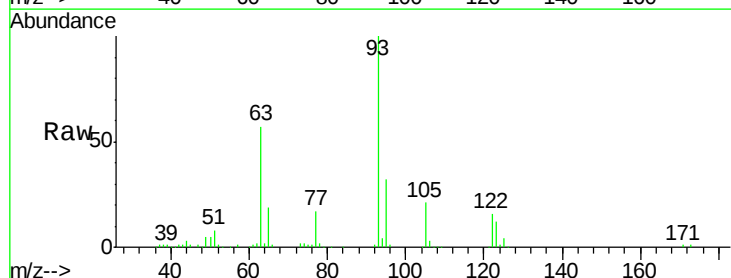


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

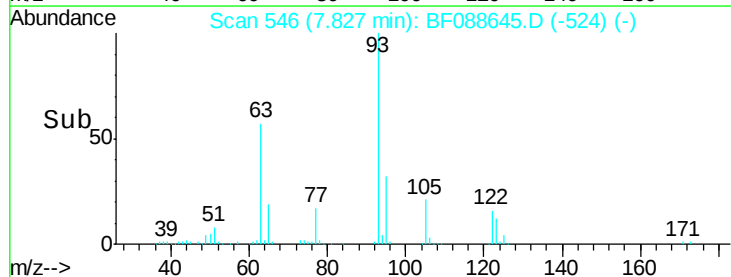
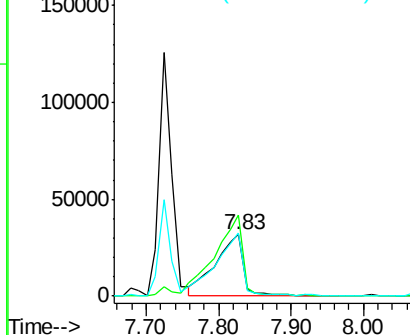


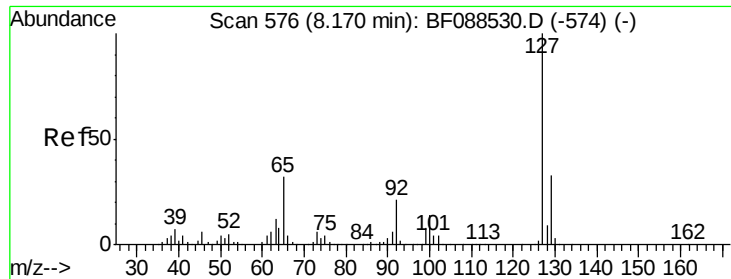
#32
Benzoic acid
Concen: 17.42 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	101.6	141.6
77	102.1	70.6	110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





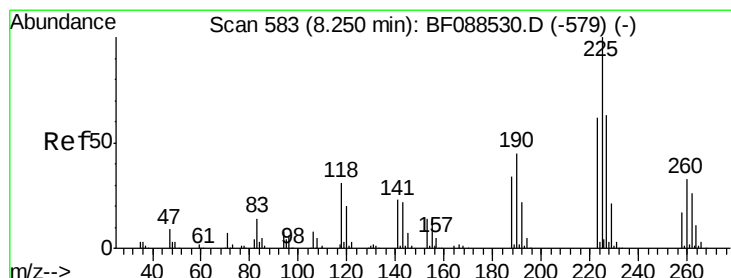
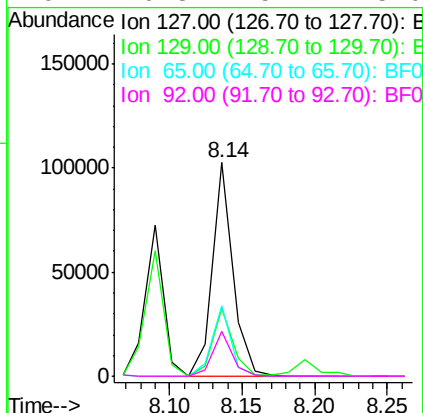
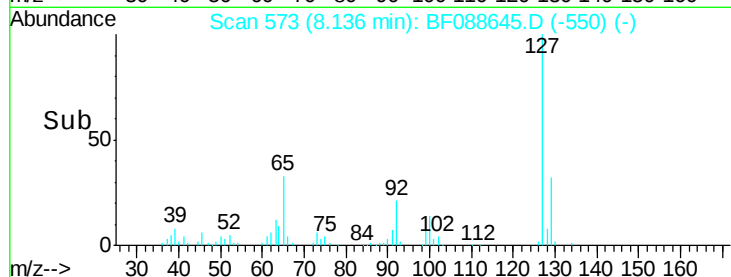
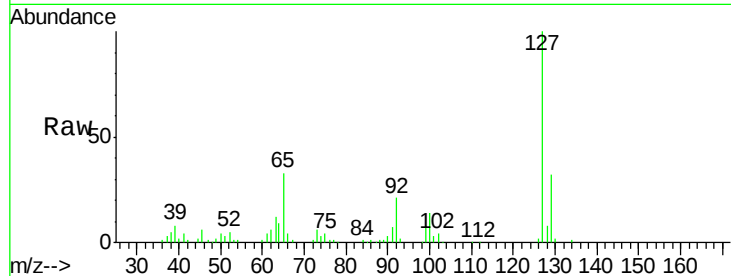
#33
4-Chloroaniline
Concen: 11.02 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		100948		
129	31.8	26.3	39.5		
65	33.1	24.7	37.1		
92	20.8	15.4	23.0		

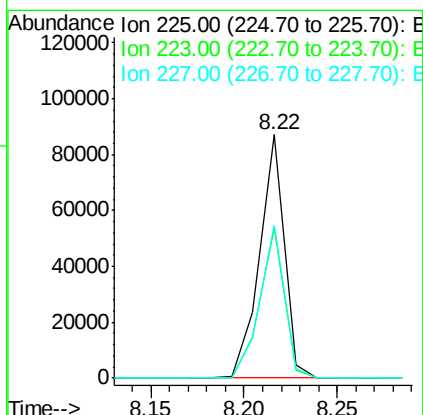
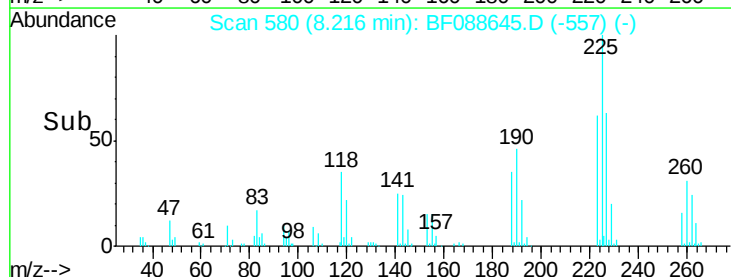
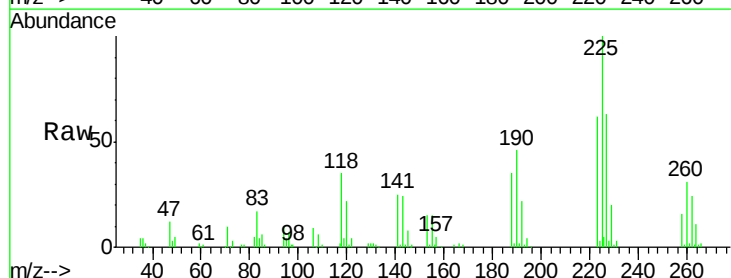
Manual Integrations

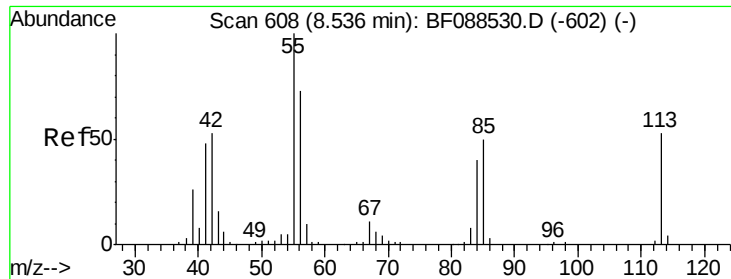
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#34
Hexachlorobutadiene
Concen: 24.34 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		79359		
223	61.9	50.9	76.3		
227	63.0	51.9	77.9		





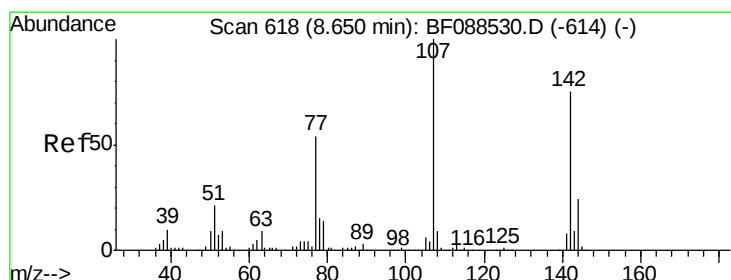
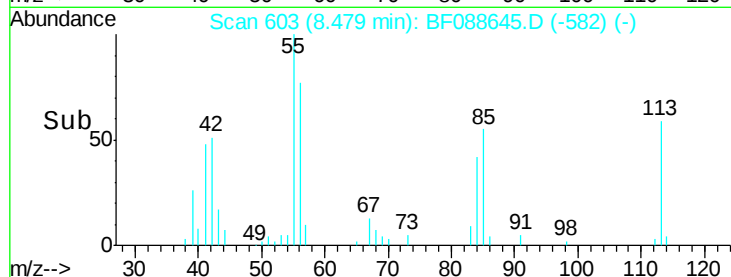
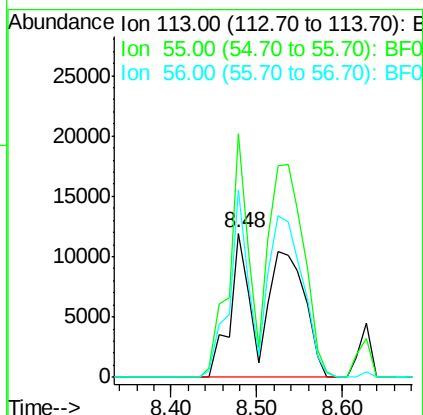
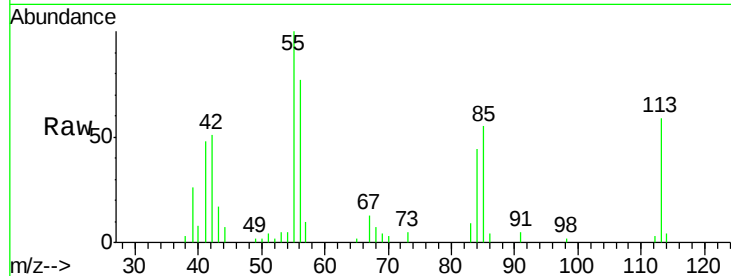
#35
 Caprolactam
 Concen: 25.55 ng/ml
 RT: 8.48 min Scan# 603
 Delta R.T. -0.06 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleID :
 PB91848BS

Tot Ion:113 Resp: 48152
 Ion Ratio Lower Upper
 113 100
 55 169.1 158.6 198.6
 56 130.0 110.6 150.6

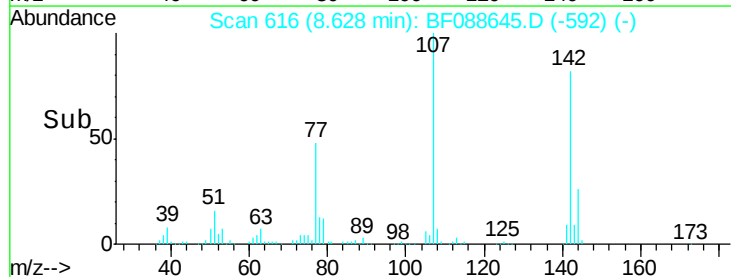
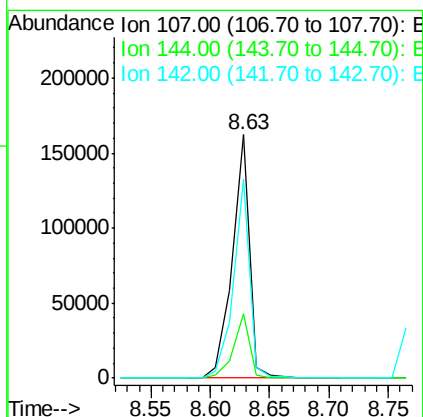
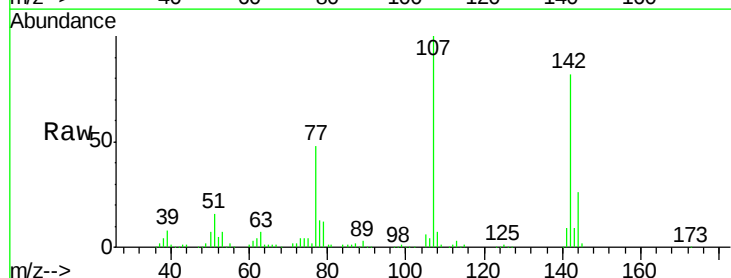
Manual Integrations

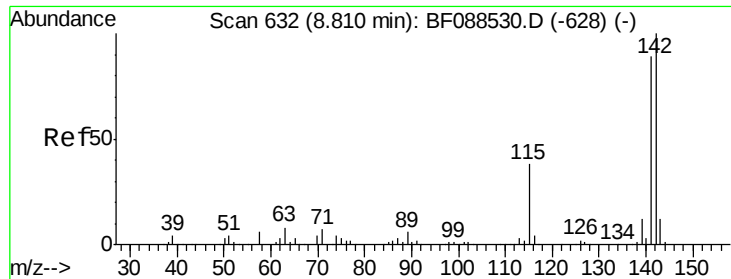
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#36
 4-Chloro-3-methylphenol
 Concen: 24.96 ng/ml
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:107 Resp: 163785
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.8 31.2
 142 81.9 63.4 95.2





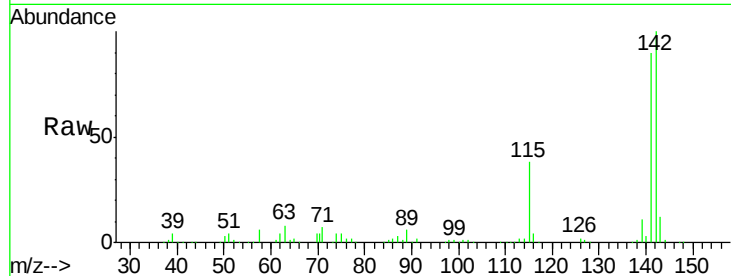
#37
 2-Methylnaphthalene
 Concen: 23.65 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

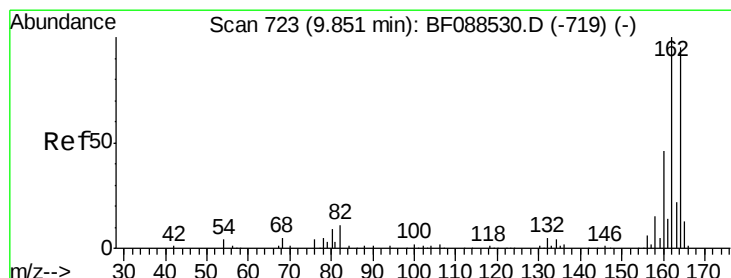
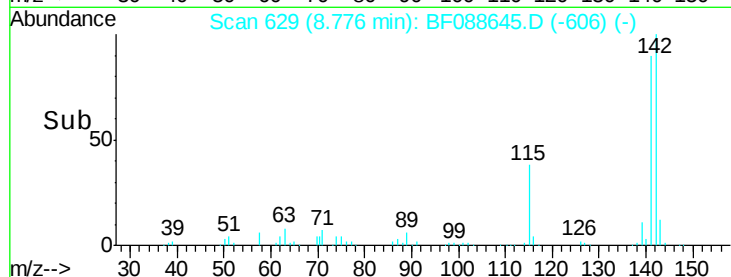
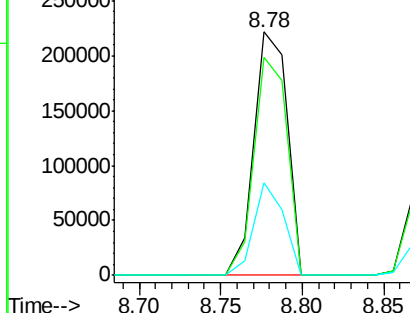
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	37.9	22.6	33.8

Manual Integrations

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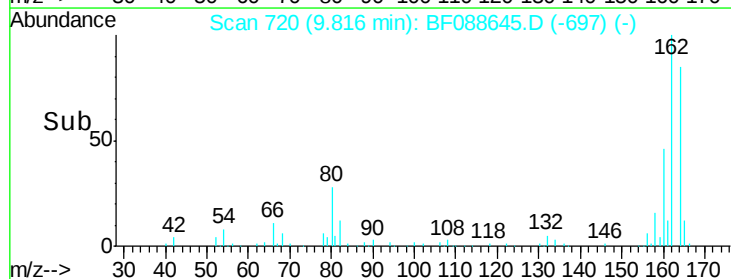
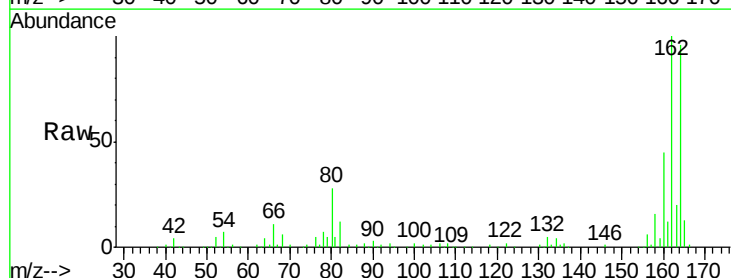
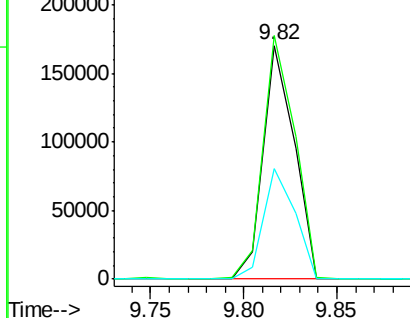
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

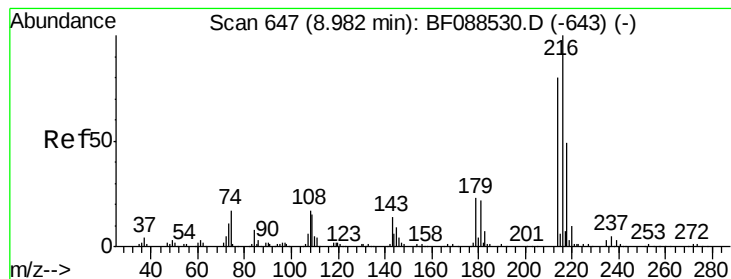


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	47.0	39.5	59.3

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.88 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088645.D

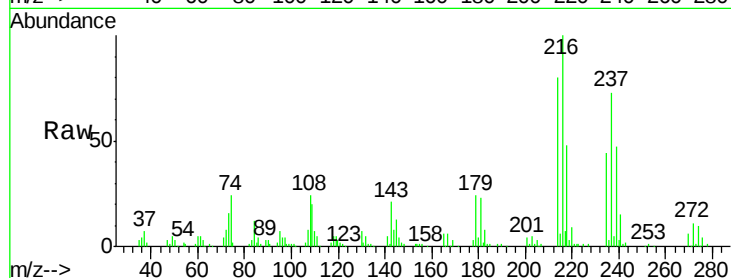
Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

PB91848BS



Tot Ion:216 Resp: 123396

Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

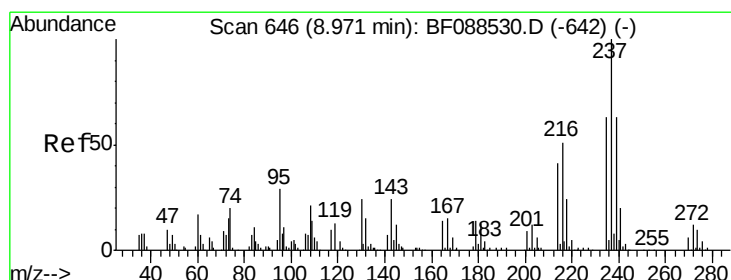
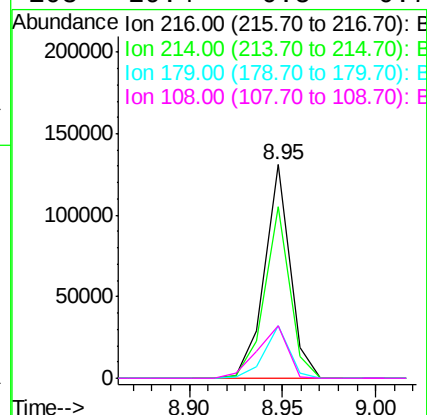
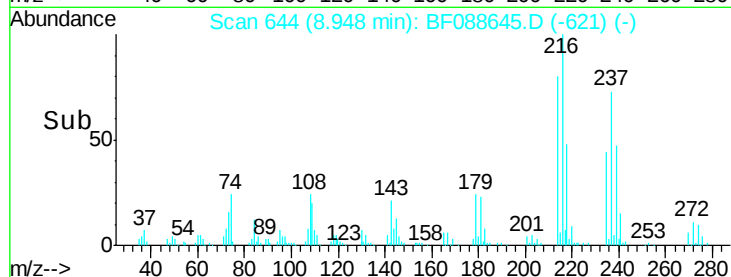
179 23.7 0.0 0.0#

108 29.4 0.5 0.7#

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 70.96 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

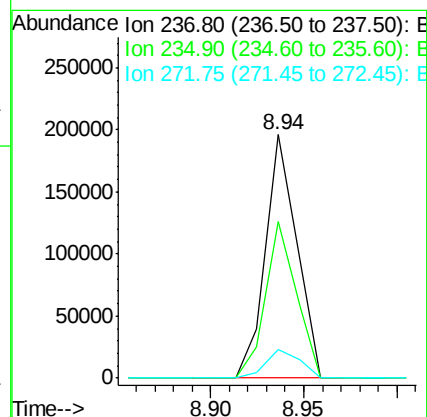
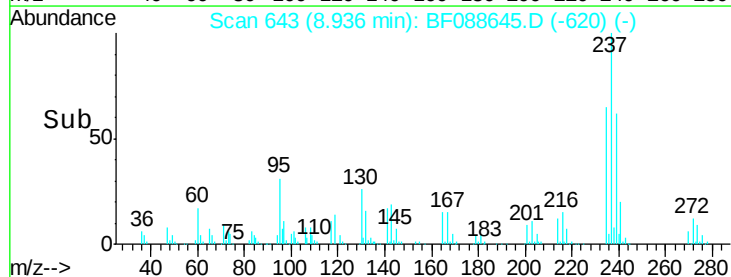
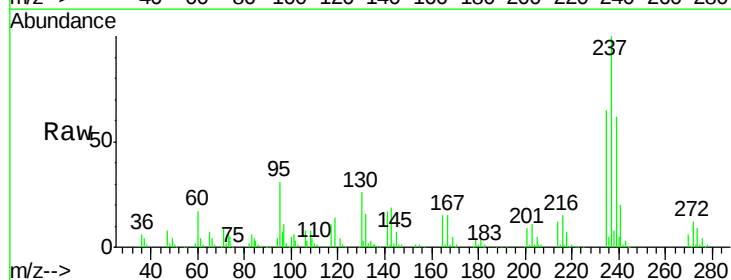
Tgt Ion:237 Resp: 227683

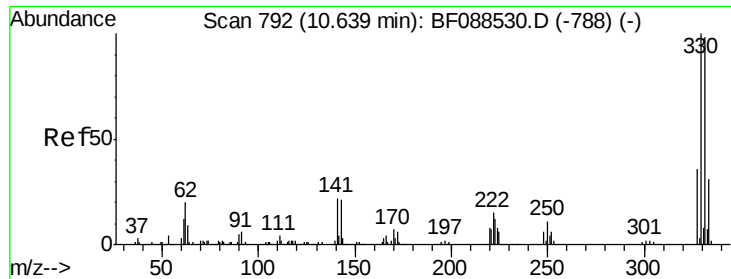
Ion Ratio Lower Upper

237 100

235 64.6 43.4 83.4

272 11.7 0.0 32.3





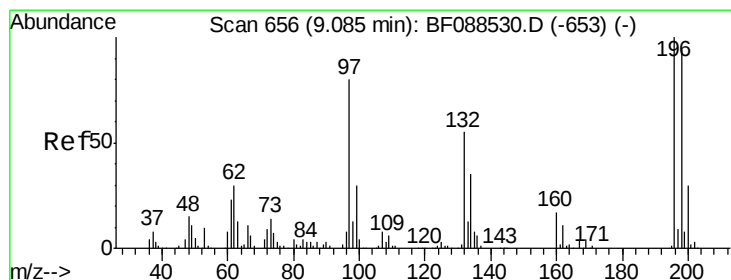
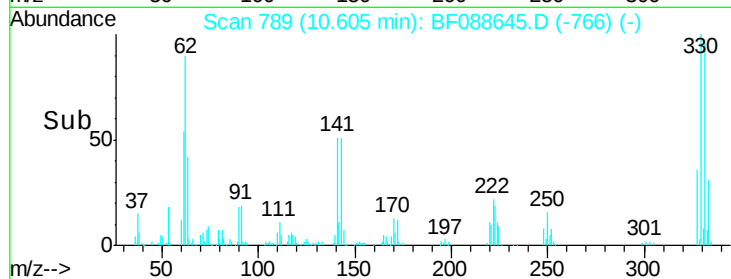
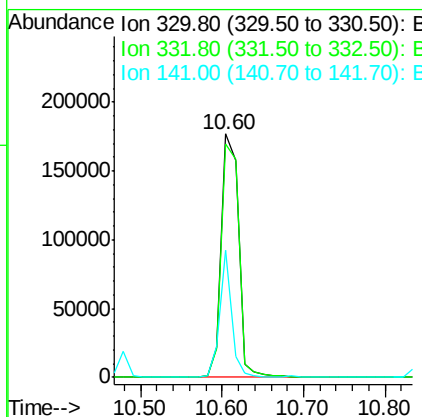
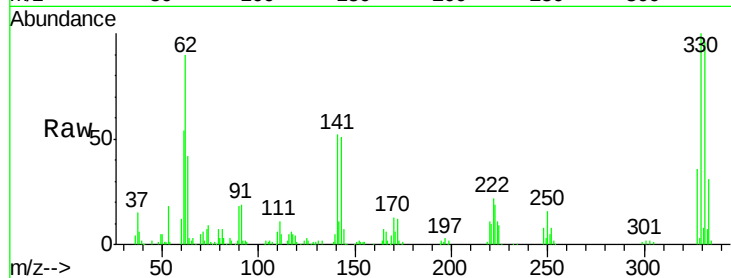
#41
 2,4,6-Tribromophenol
 Concen: 142.02 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	259184		
332	97.8	0.0	0.0	0.0
141	36.3	0.0	0.0	0.0

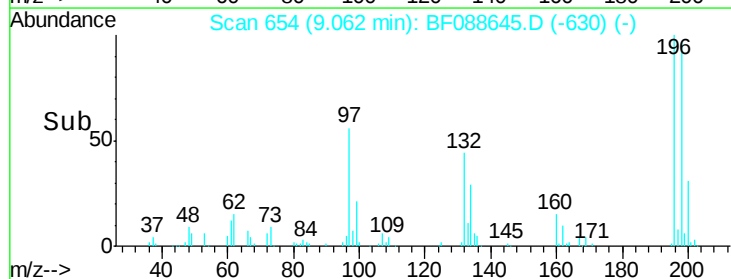
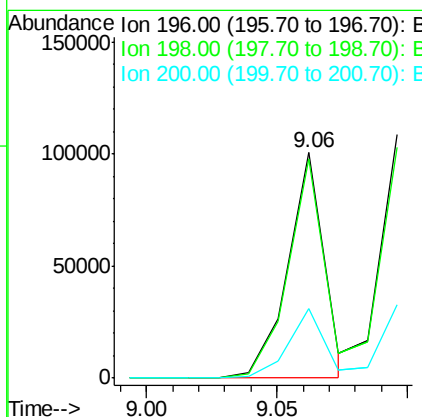
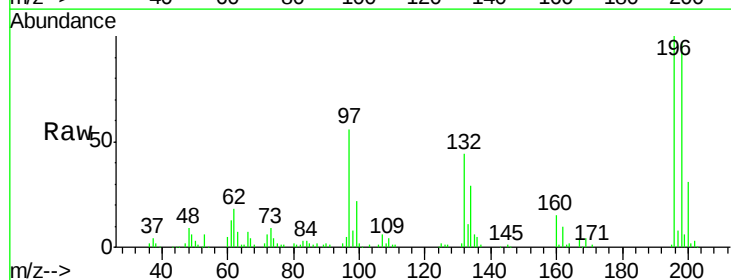
Manual Integrations

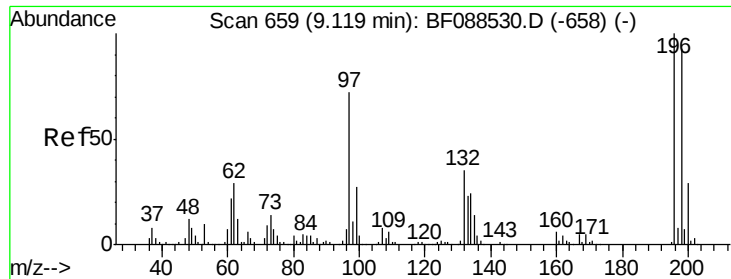
umangi
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#42
 2,4,6-Trichlorophenol
 Concen: 22.29 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	96061		
198	97.3	78.0	117.0	
200	30.9	25.4	38.2	





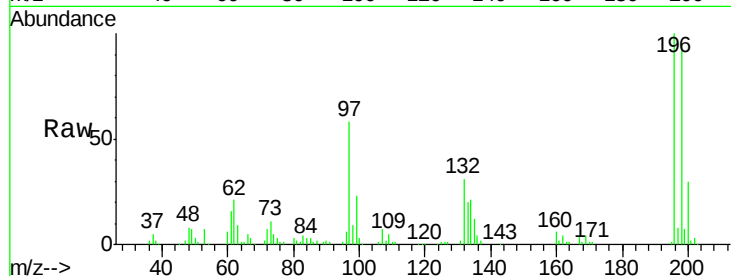
#43
 2,4,5-Trichlorophenol
 Concen: 30.03 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		111353		
198	94.9	77.5	116.3		
97	58.2	32.0	48.0		
132	31.4	20.9	31.3		

Manual Integrations

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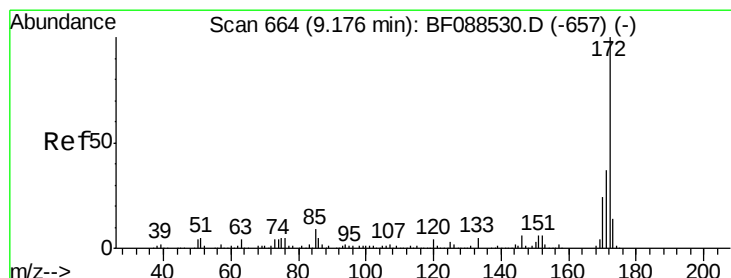
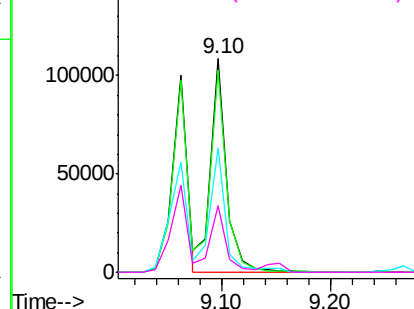
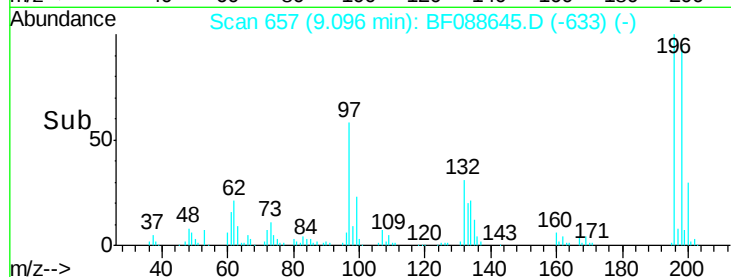
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

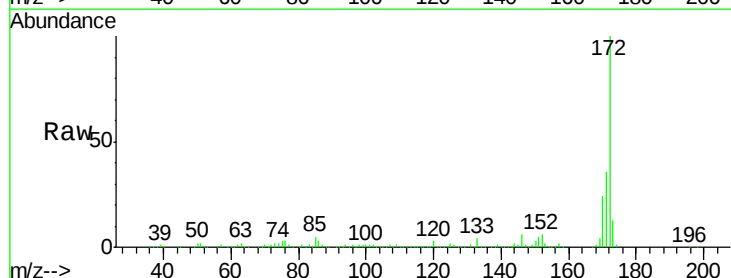
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.10 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1220534		
171	36.4	28.6	43.0		
170	24.1	19.2	28.8		

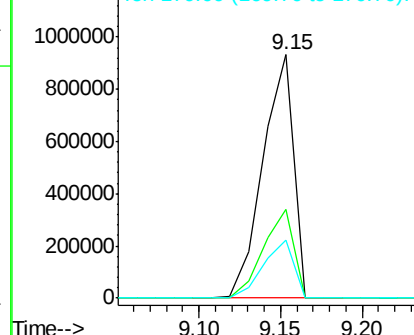
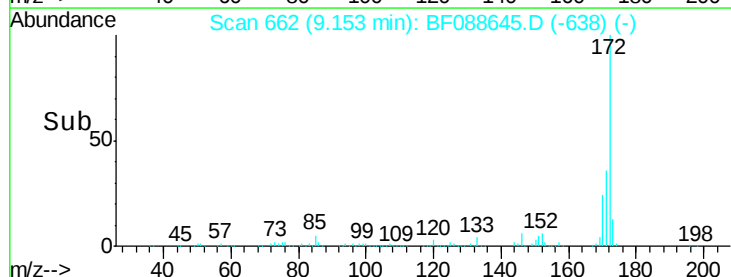


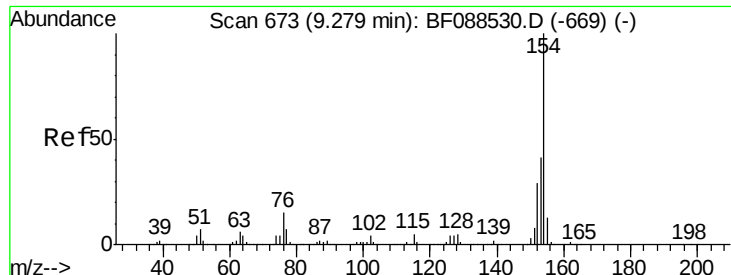
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 24.67 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

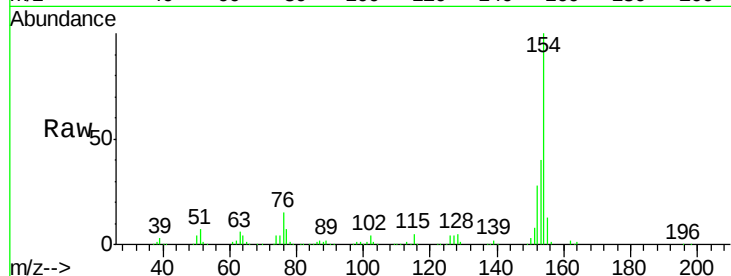
PB91848BS

Tot Ion:	154	Resp:	401530
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.6	60.6
76	14.9	0.0	35.1

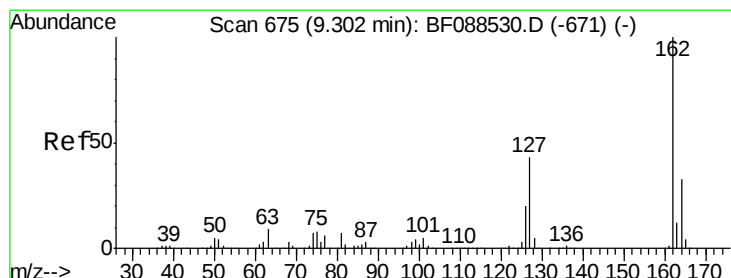
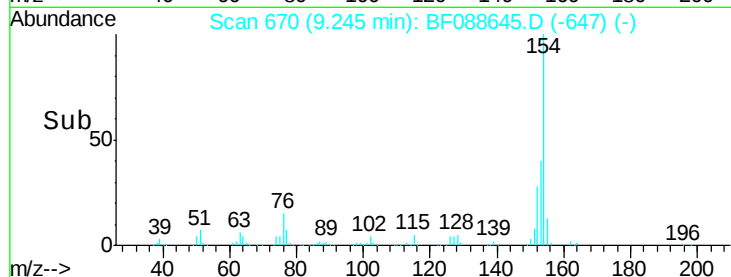
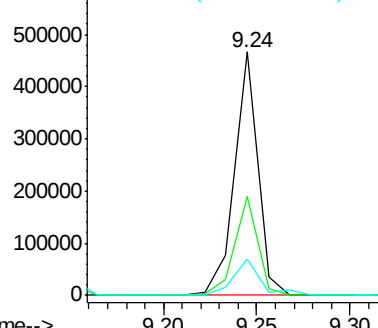
Manual Integrations

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 24.10 ng

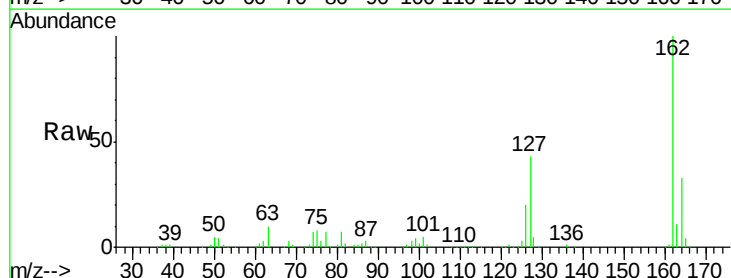
RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

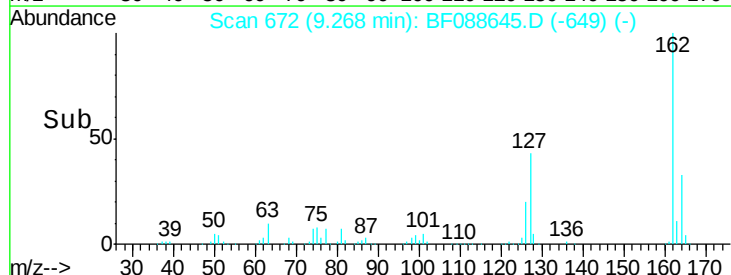
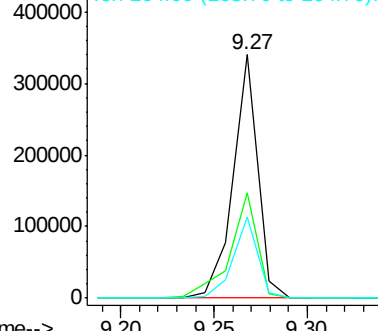
Lab File: BF088645.D

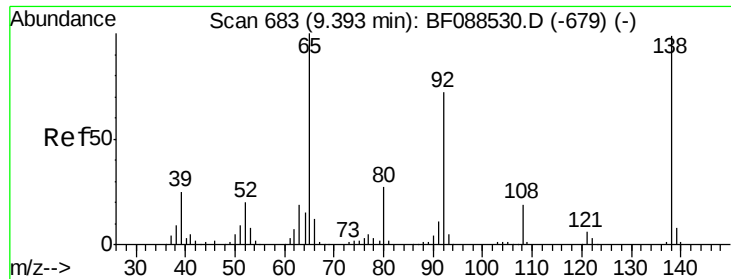
Acq: 3 Jul 2016 13:08

Tgt Ion:	162	Resp:	307915
Ion Ratio	Lower	Upper	
162	100		
127	43.4	35.2	52.8
164	33.1	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





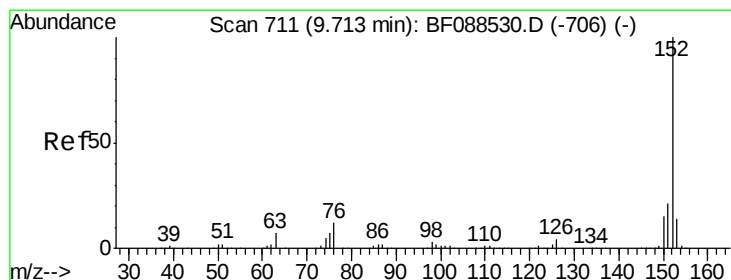
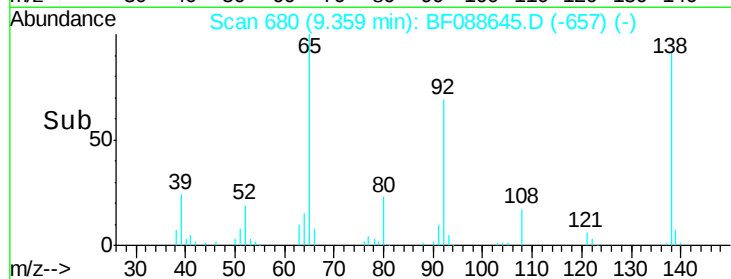
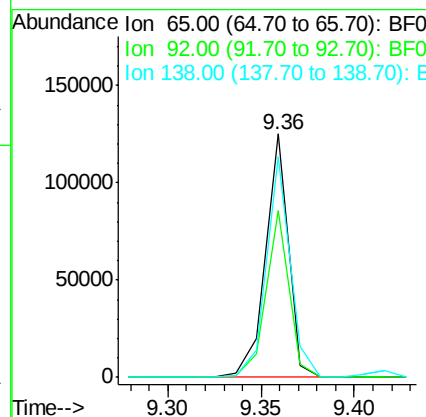
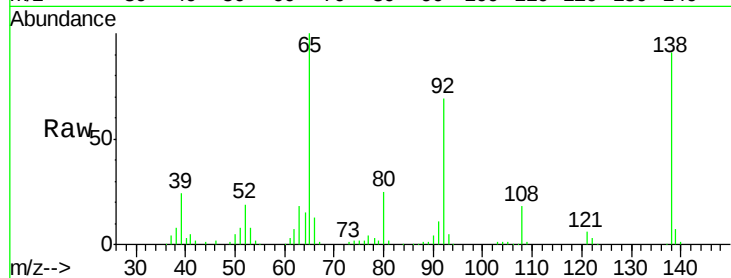
#47
 2-Nitroaniline
 Concen: 23.15 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	54.6	82.0
138	90.5	77.0	115.4

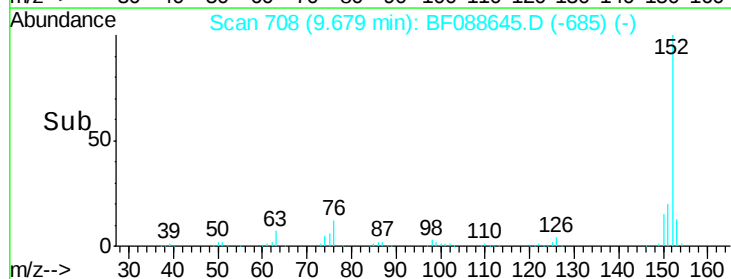
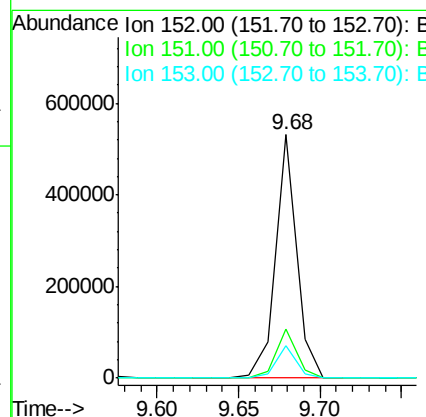
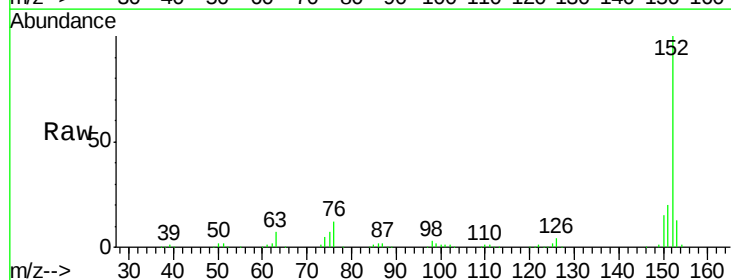
Manual Integrations

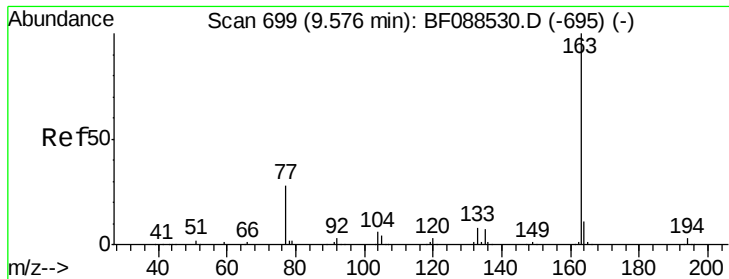
umangi
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#48
 Acenaphthylene
 Concen: 23.78 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.4	11.0	16.6





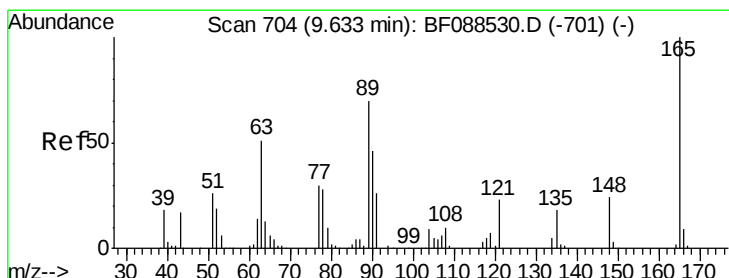
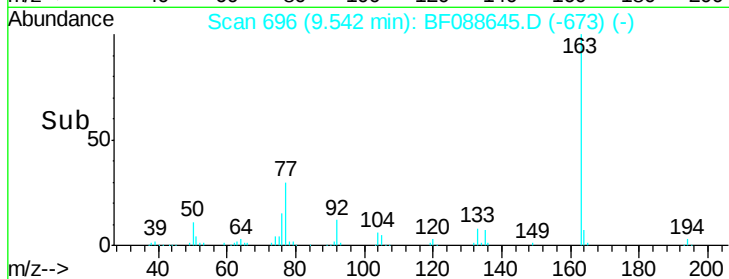
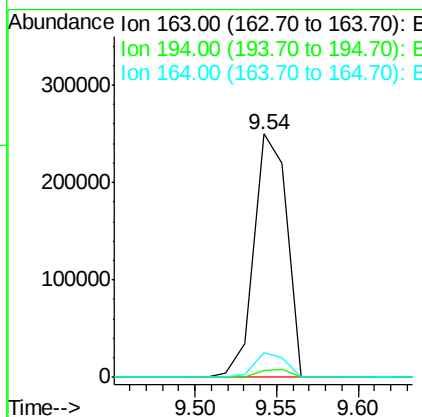
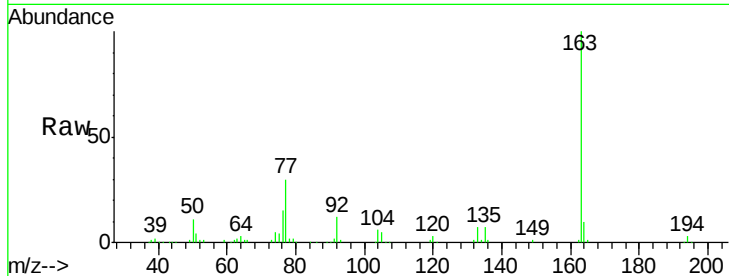
#49
Dimethylphthalate
Concen: 24.95 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	349372		
194	3.0		2.8	4.2
164	10.3		8.3	12.5

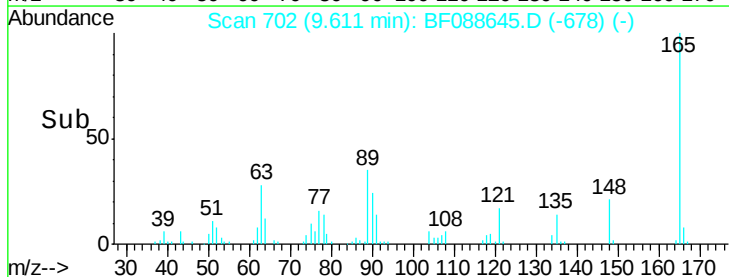
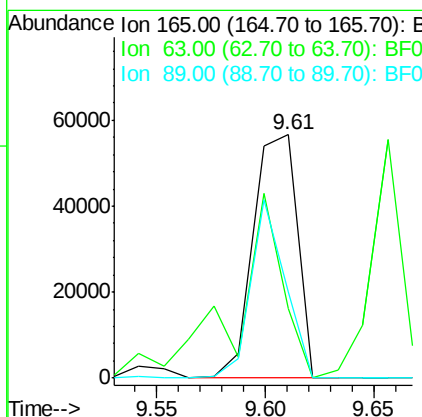
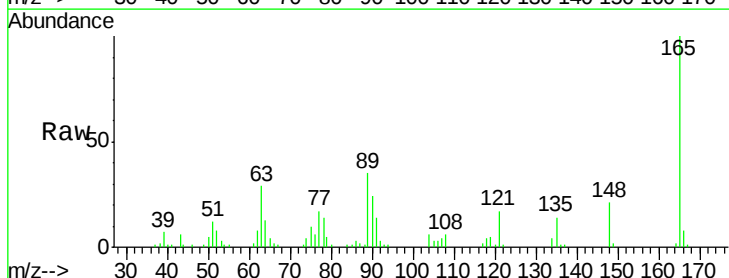
Manual Integrations

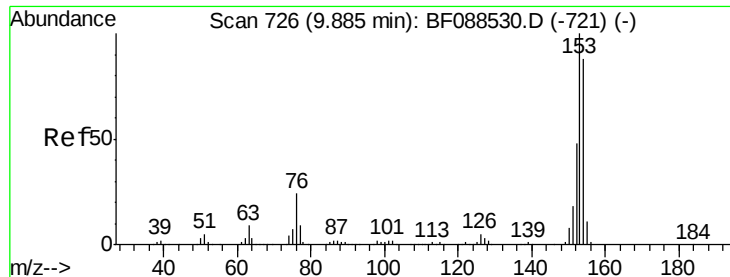
umangi
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#50
2,6-Dinitrotoluene
Concen: 25.77 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79968		
63	28.5		28.1	42.1
89	35.2		32.2	48.2





#51

Acenaphthene

Concen: 27.52 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tot Ion:154 Resp: 342913

Ion Ratio Lower Upper

154 100

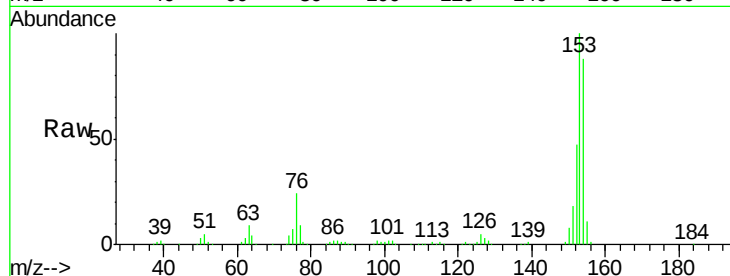
153 114.3 89.5 134.3

152 53.9 42.7 64.1

Manual Integrations

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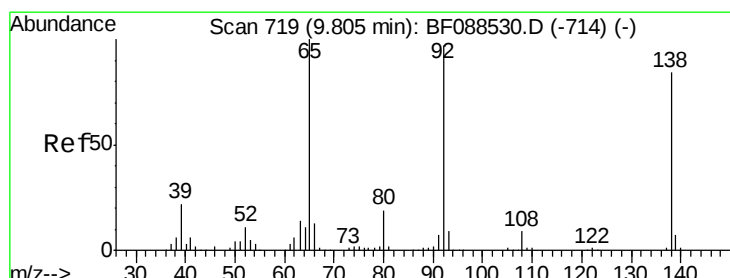
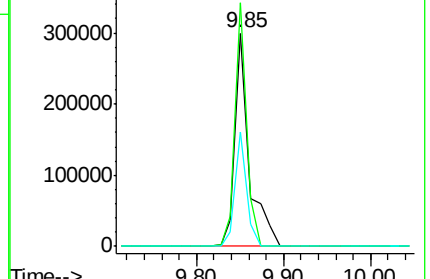
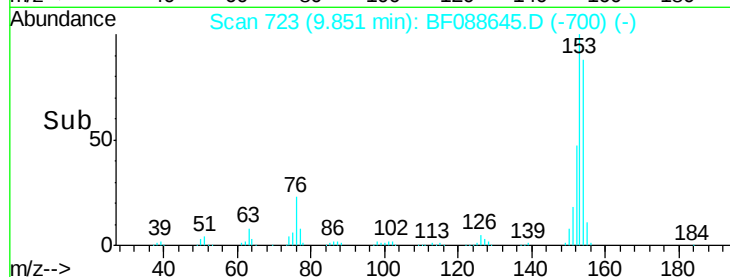
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.13 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

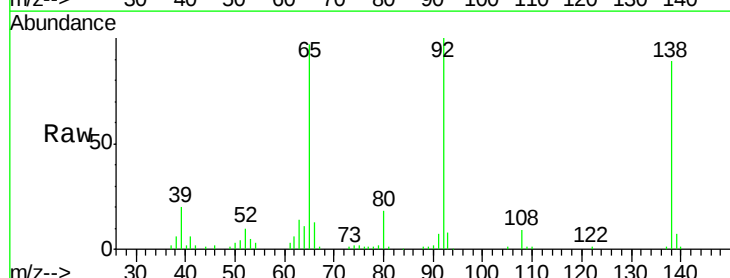
Tgt Ion:138 Resp: 59695

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

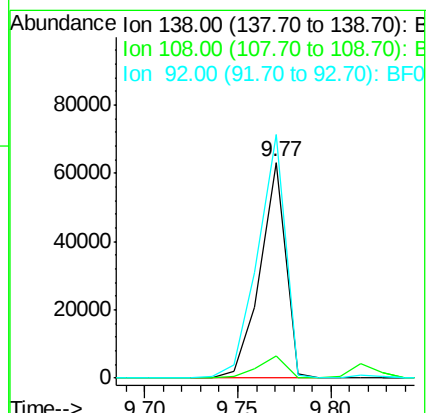
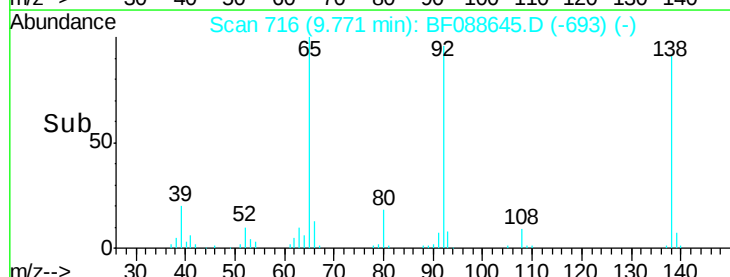
92 112.9 95.7 143.5

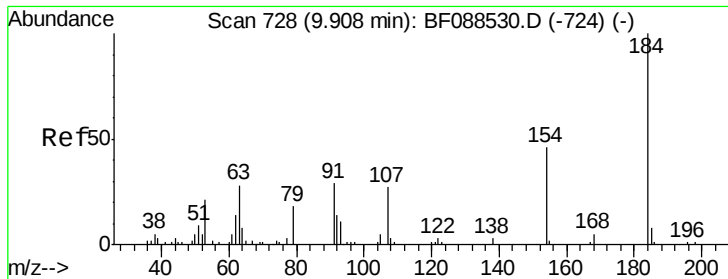


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





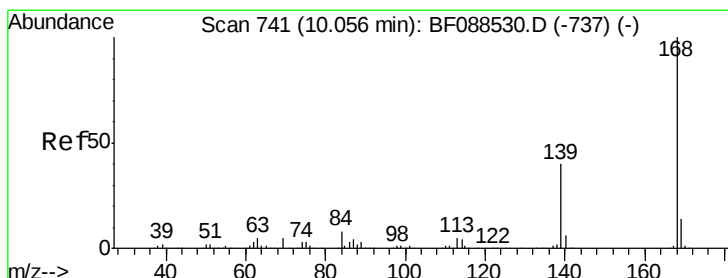
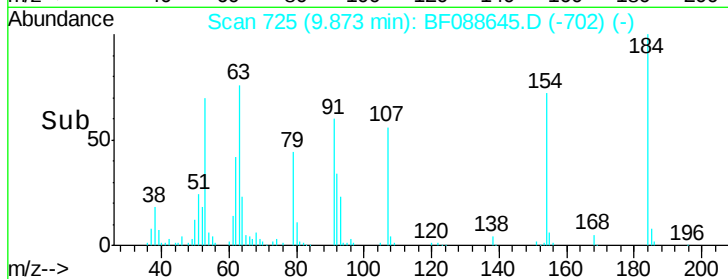
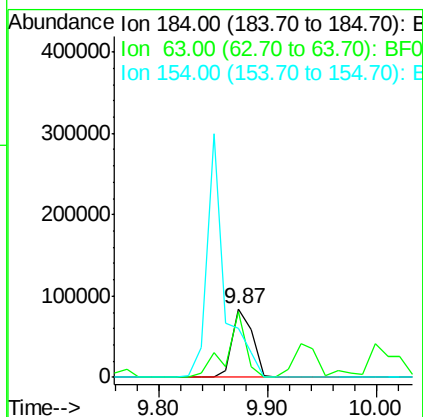
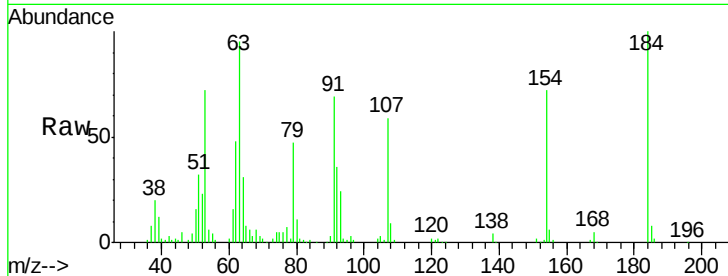
#53
 2,4-Dinitrophenol
 Concen: 77.79 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleID :
 PB91848BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	95.2	57.6	86.4#
154	72.1	53.5	80.3

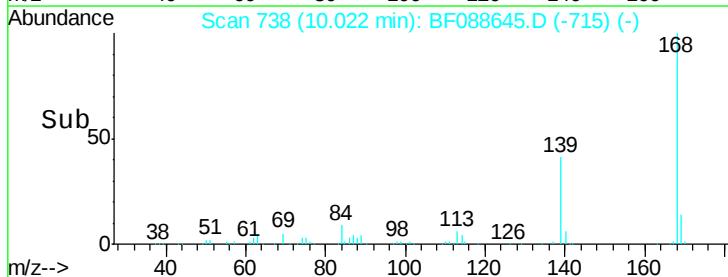
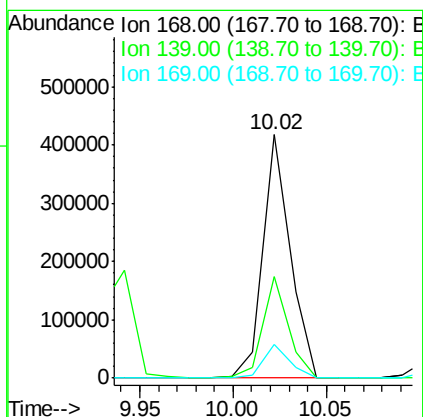
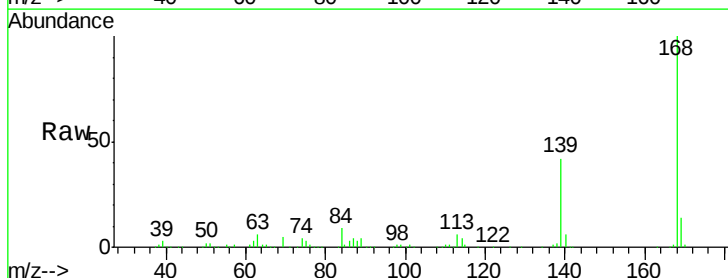
Manual Integrations

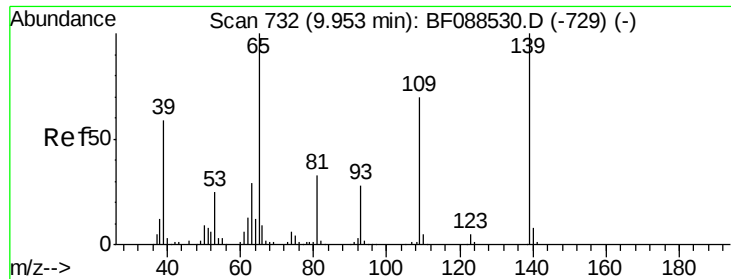
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#54
 Dibenzofuran
 Concen: 25.73 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.8	26.4	39.6#
169	13.8	10.4	15.6





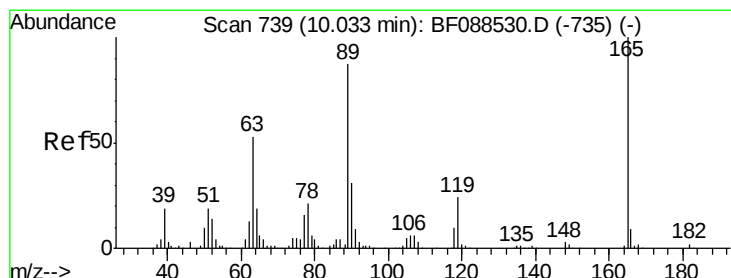
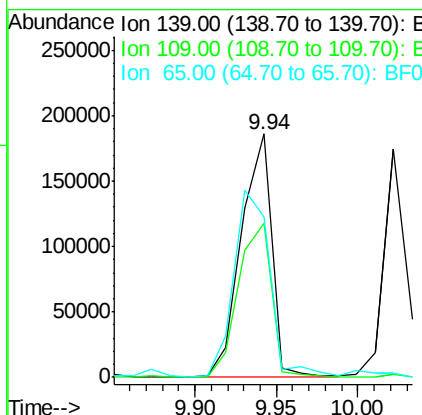
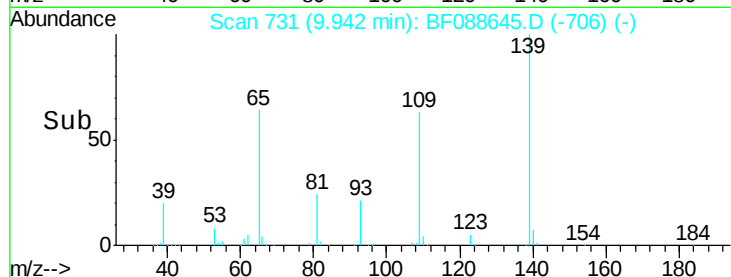
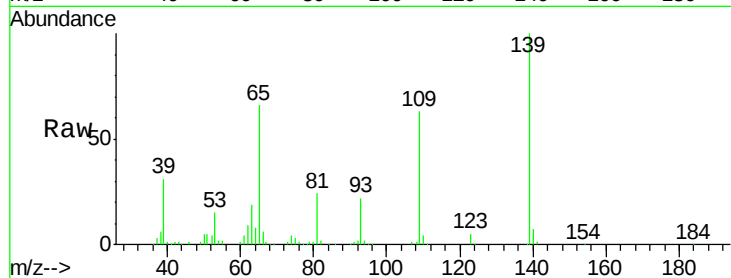
#55
4-Nitrophenol
Concen: 80.32 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleID :
PB91848BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.4	48.9	88.9
65	65.9	84.9	124.9

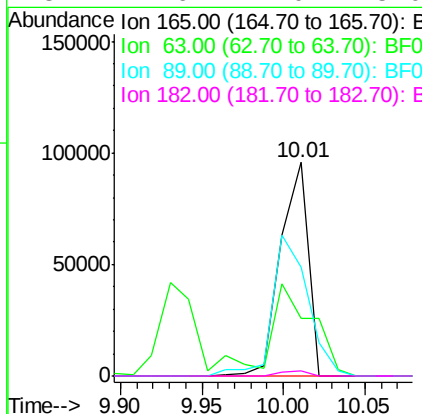
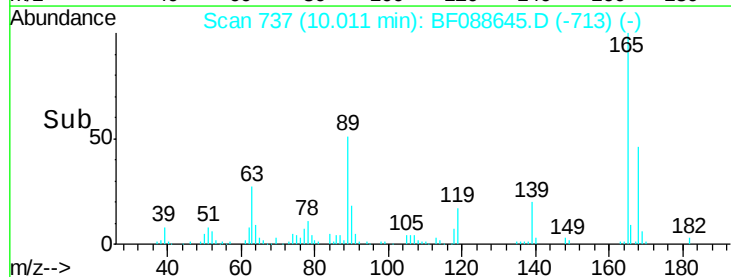
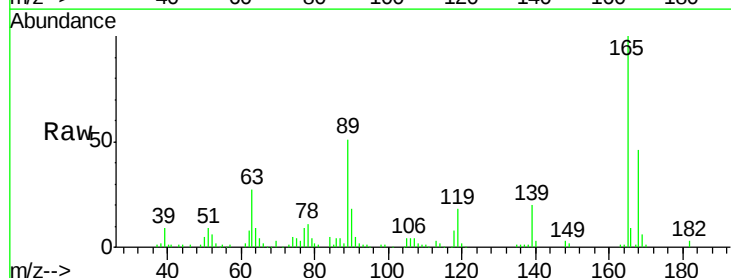
Manual Integrations

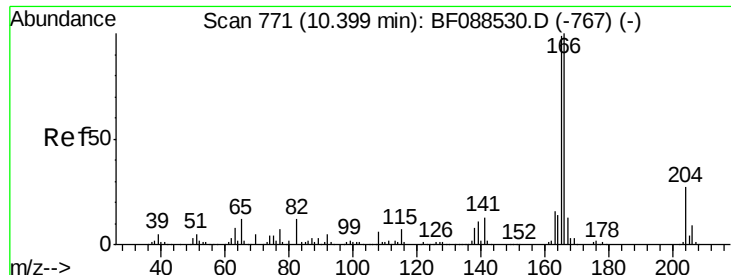
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#56
2,4-Dinitrotoluene
Concen: 27.94 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.1	22.0	33.0
89	51.1	41.1	61.7
182	2.6	2.0	3.0





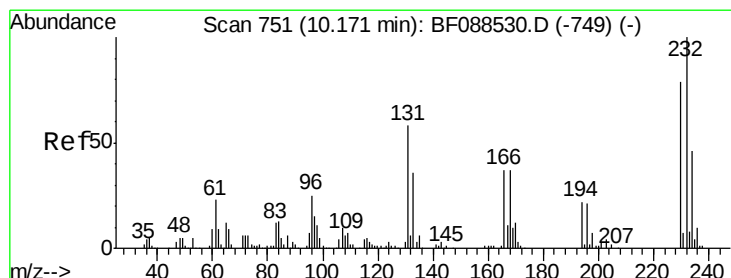
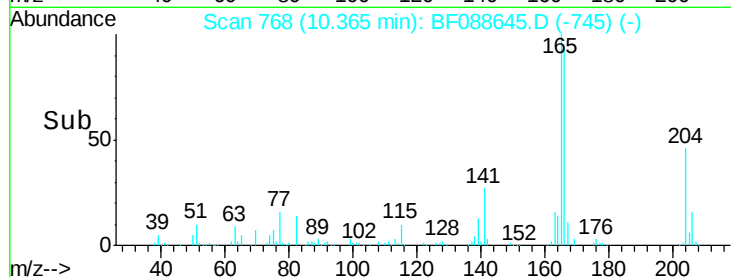
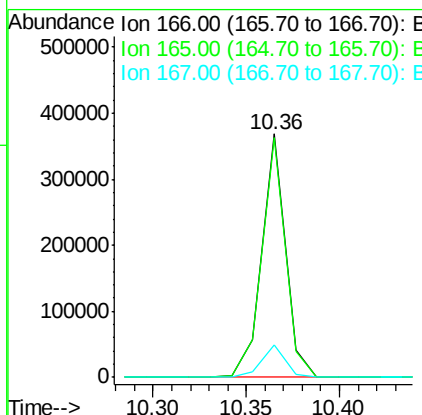
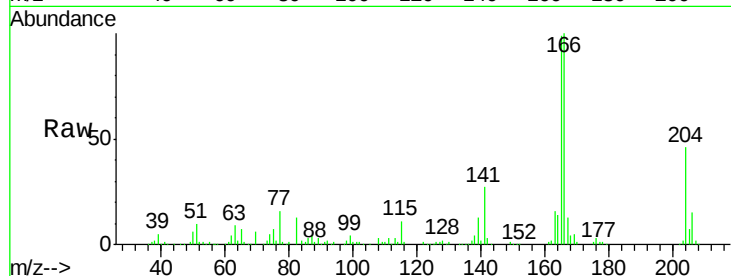
#57
Fluorene
 Concen: 25.66 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion:	166	Resp:	322489
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.8	116.8
167	13.5	11.2	16.8

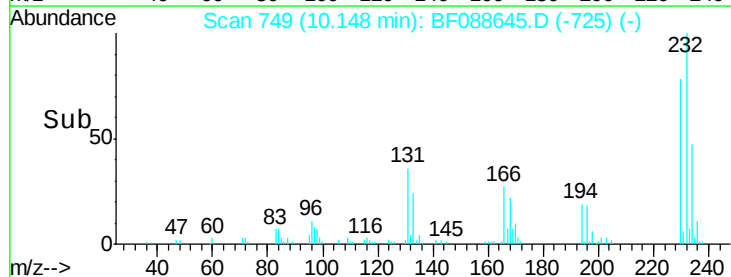
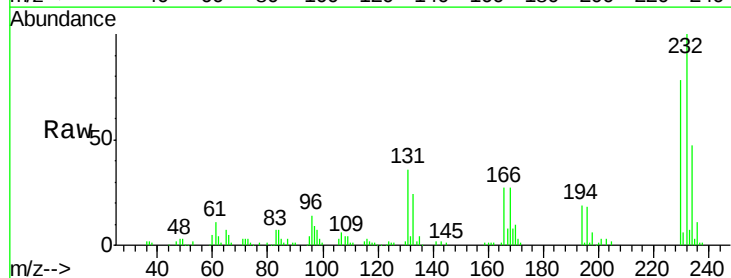
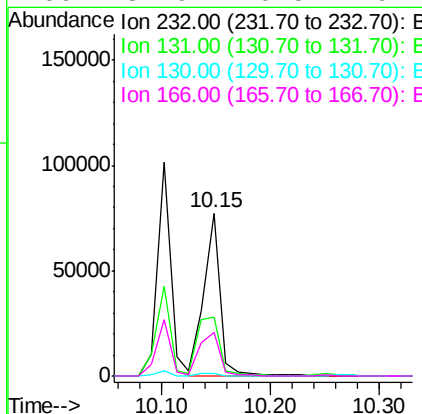
Manual Integrations

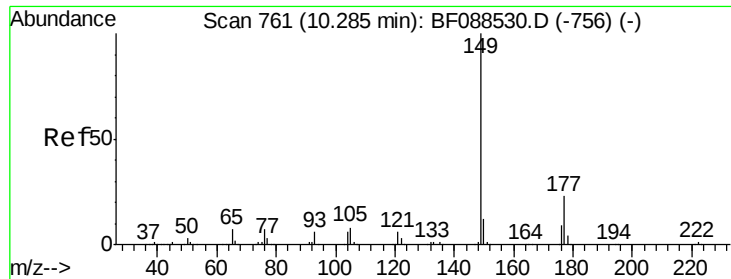
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 28.74 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion:	232	Resp:	82441
Ion Ratio	Lower	Upper	
232	100		
131	49.5	0.9	1.3#
130	2.4	1.5	2.3#
166	32.9	0.5	0.7#





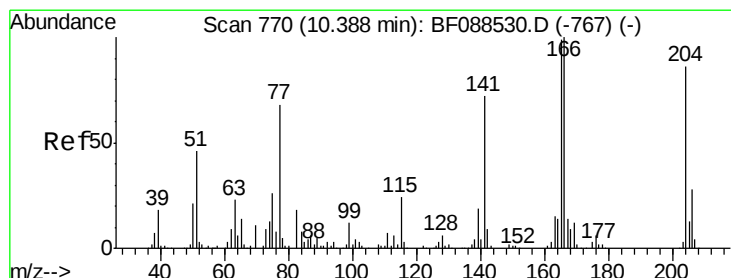
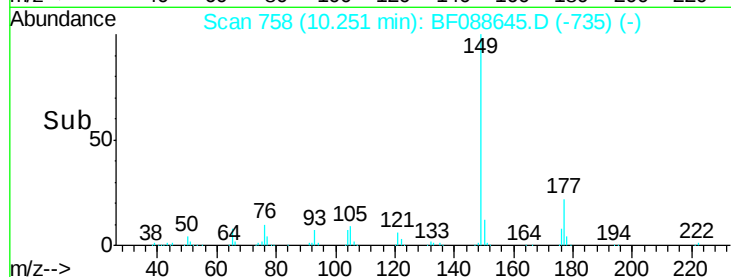
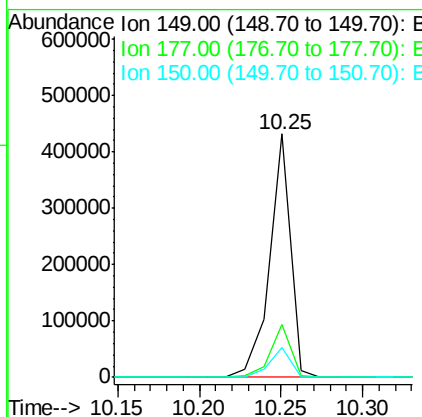
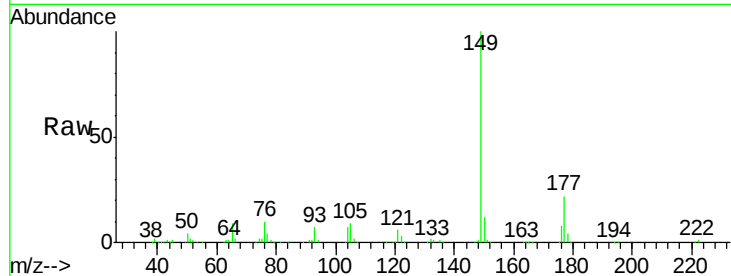
#59
Diethylphthalate
Concen: 27.46 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.9	25.3
150	12.3	10.1	15.1

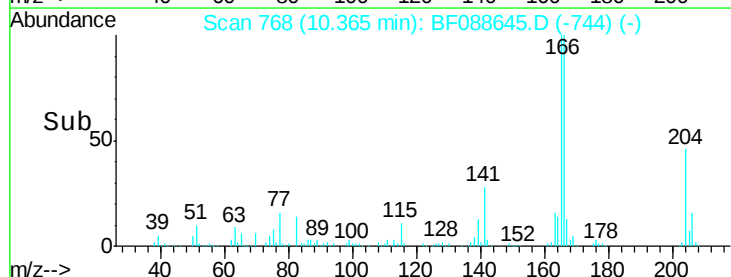
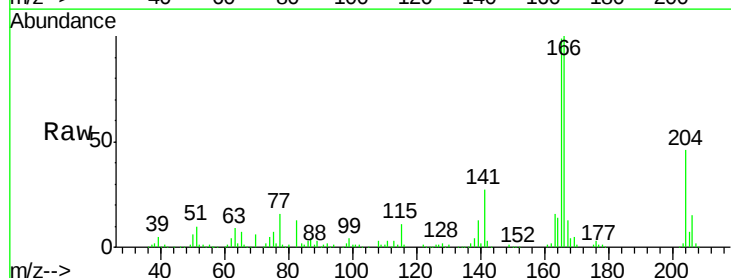
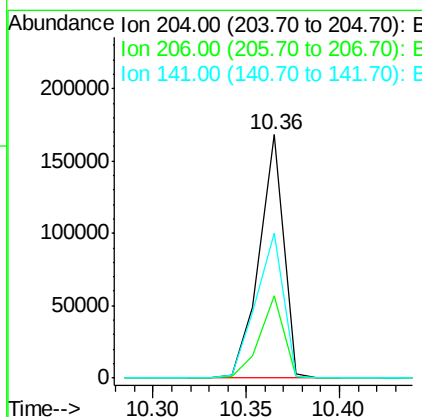
Manual Integrations

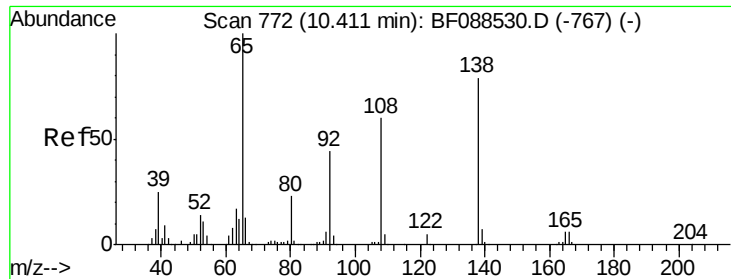
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 26.08 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.3	39.5
141	59.7	55.0	82.6





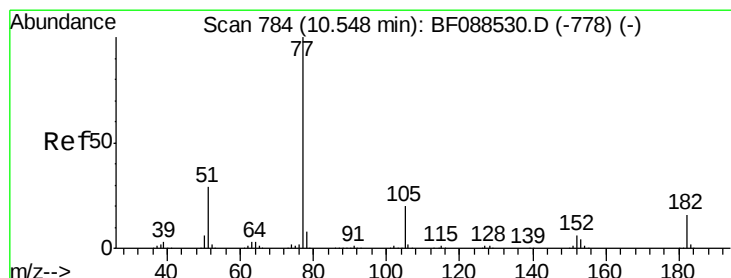
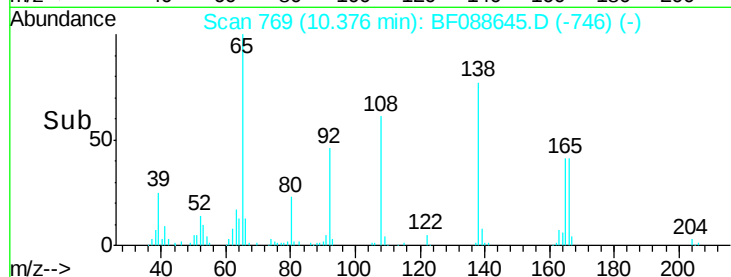
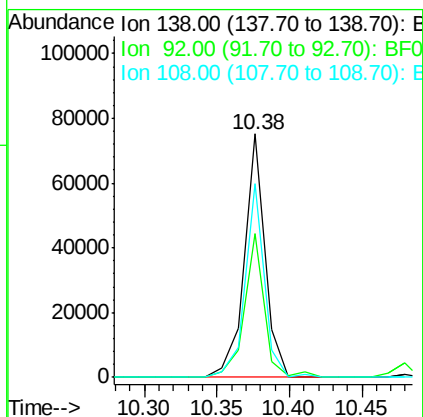
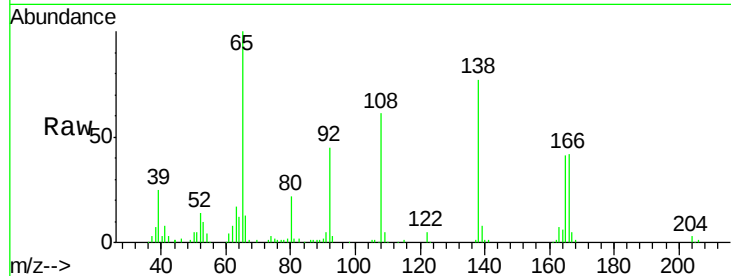
#61
4-Nitroaniline
Concen: 19.58 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleID :
PB91848BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.9	27.3	67.3
108	79.8	46.7	86.7

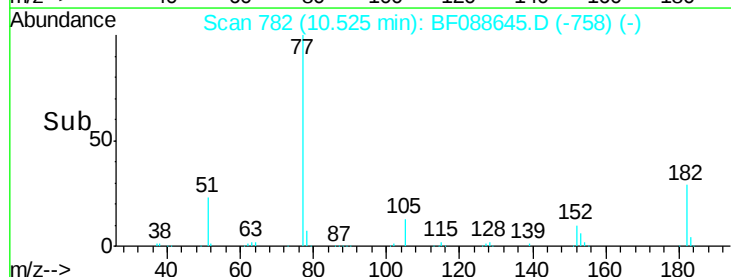
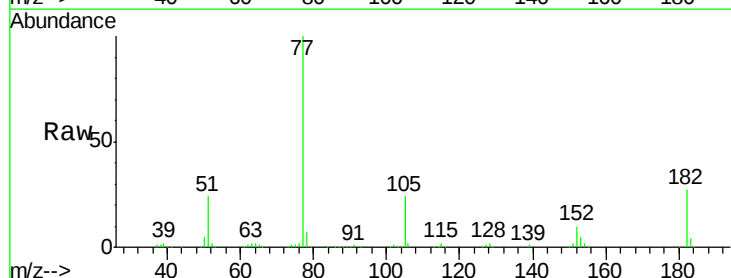
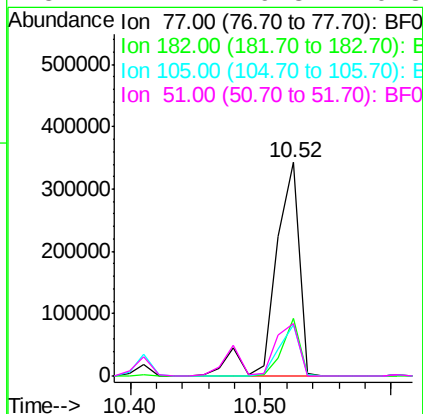
Manual Integrations

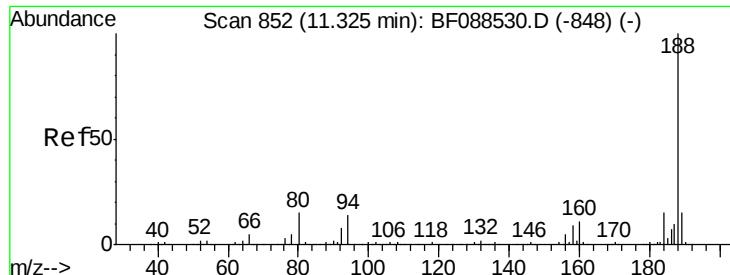
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#62
Azobenzene
Concen: 27.64 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	4.4	44.4
105	24.0	3.8	43.8
51	24.4	9.3	49.3





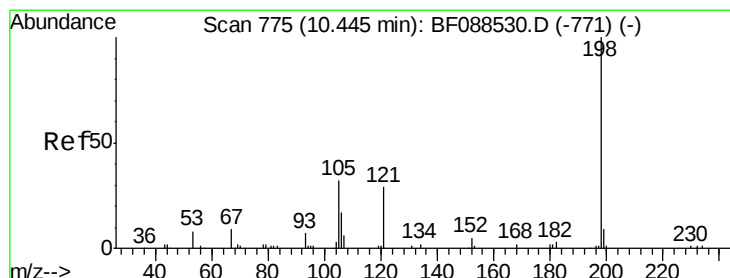
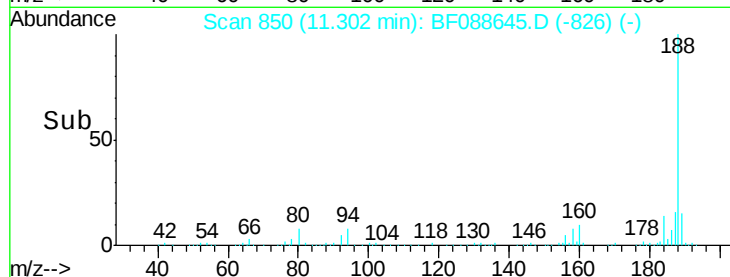
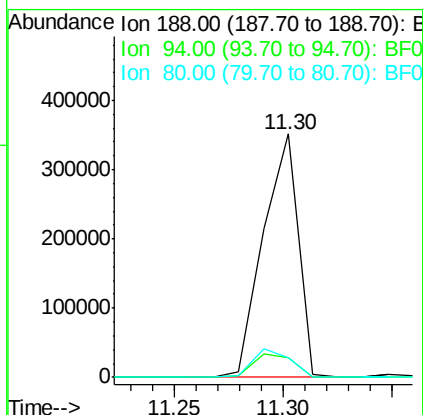
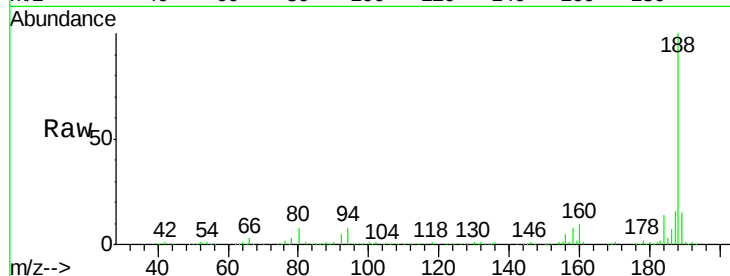
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	397223		
94	7.9		9.0	13.6#
80	8.1		10.0	15.0#

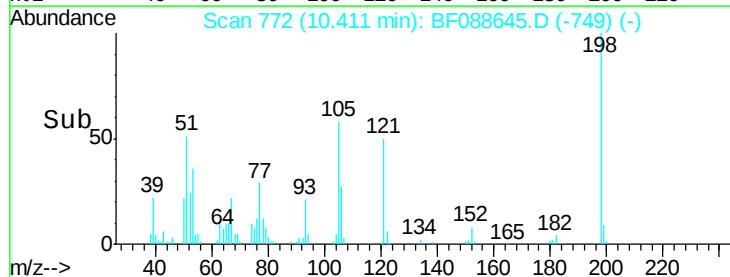
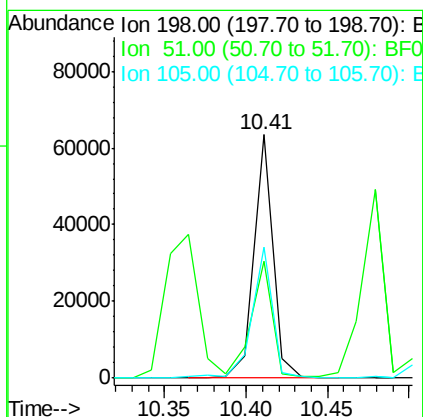
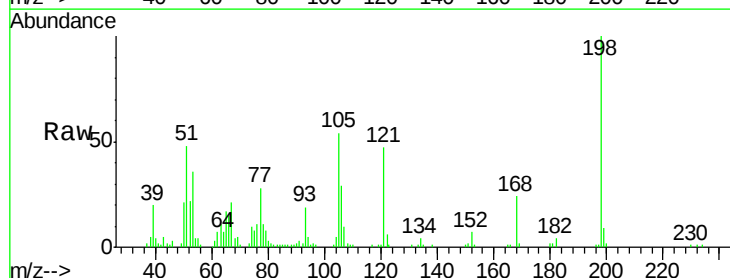
Manual Integrations

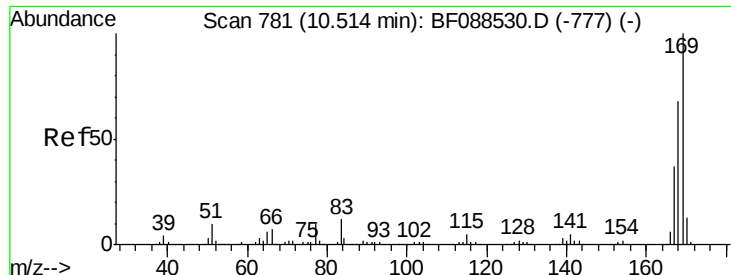
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.27 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	51569		
51	48.1		39.6	79.6
105	53.6		36.6	76.6





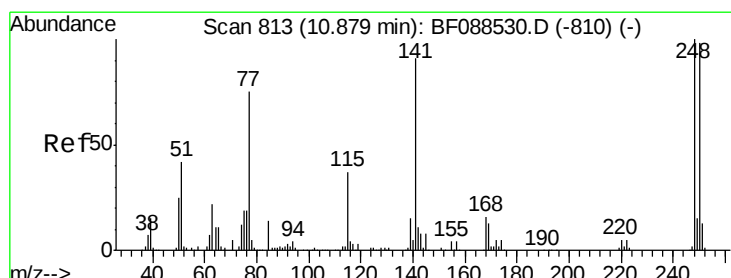
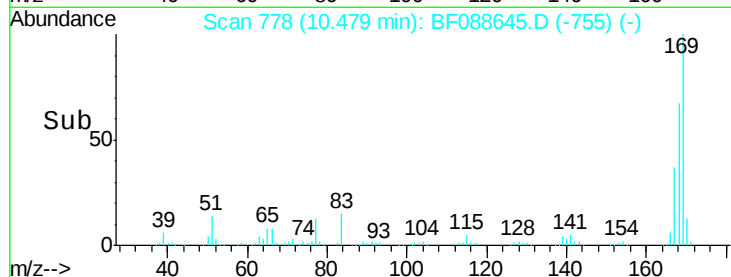
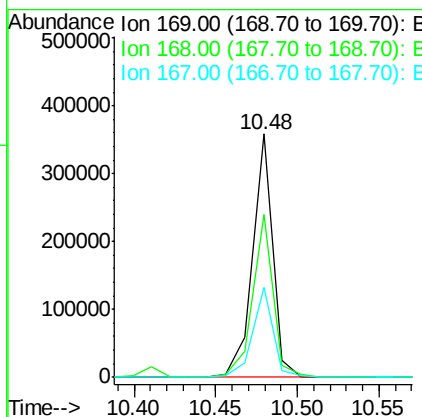
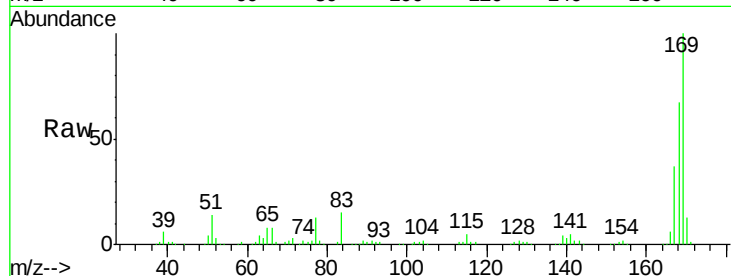
#65
n-Nitrosodiphenylamine
Concen: 22.86 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		307372		
168	66.9	53.4		80.0	
167	37.1	29.4		44.0	

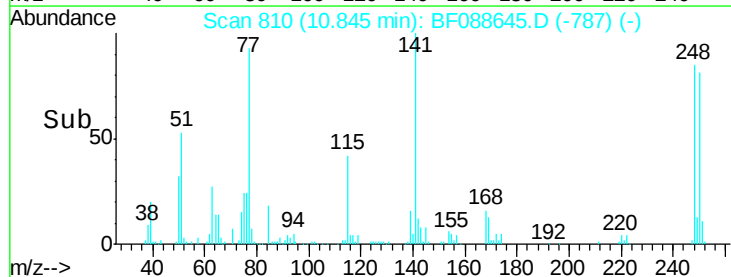
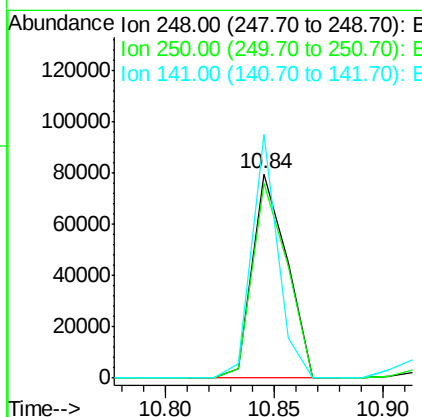
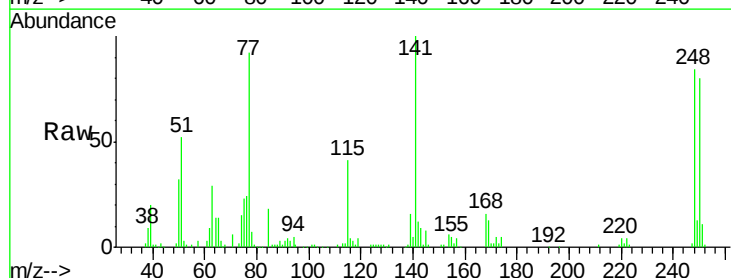
Manual Integrations

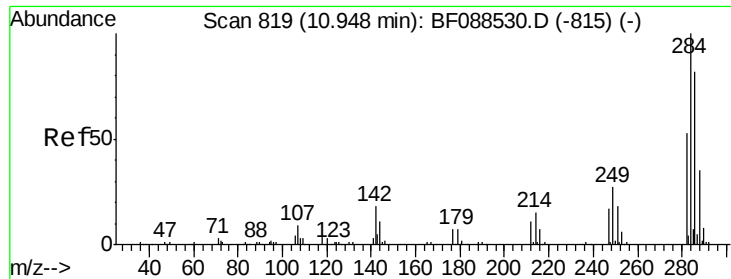
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#66
4-Bromophenyl-phenylether
Concen: 22.01 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		88113		
250	95.7	77.1		115.7	
141	119.2	50.6		76.0	





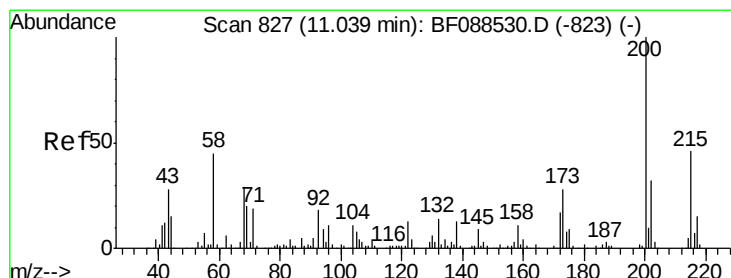
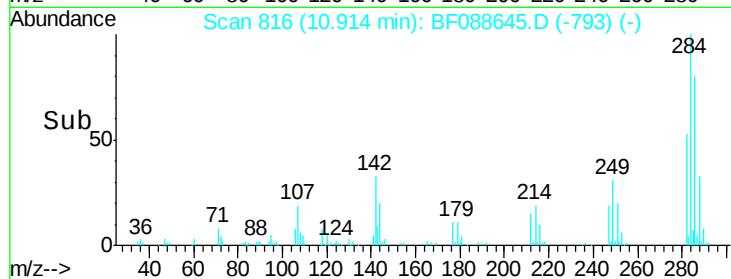
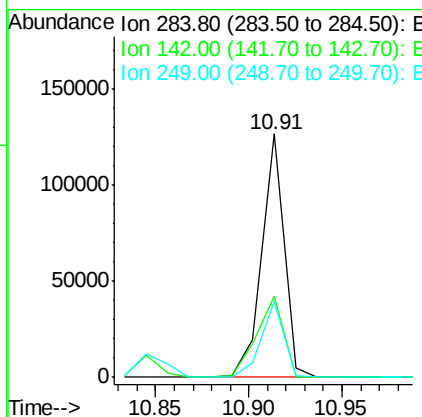
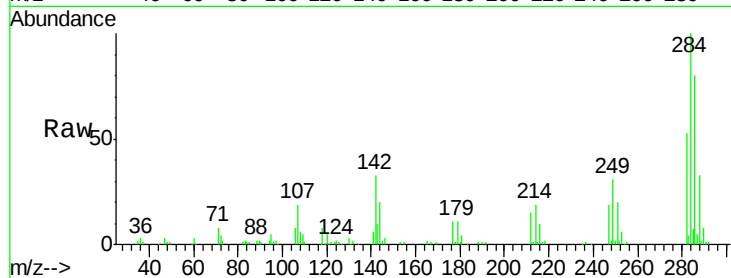
#67
Hexachlorobenzene
Concen: 23.58 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.4	35.8	53.8
249	31.0	25.8	38.6

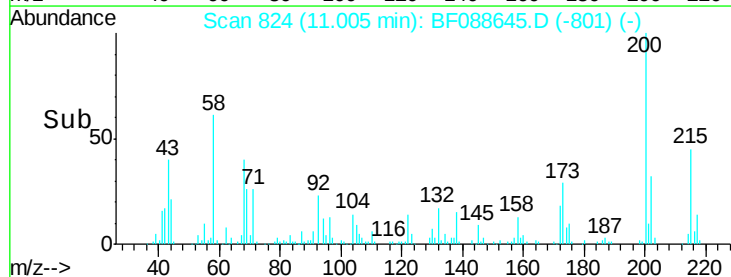
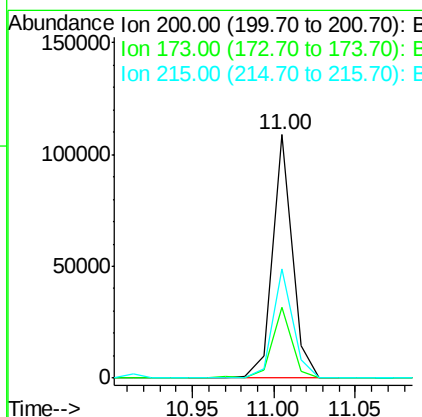
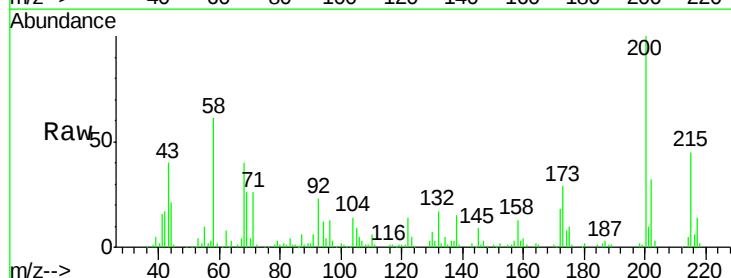
Manual Integrations

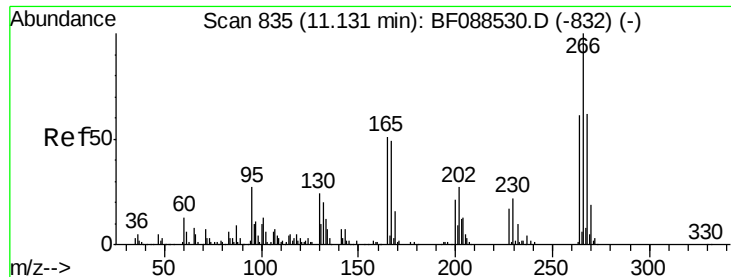
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#68
Atrazine
Concen: 22.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	4.0	44.0
215	44.7	29.3	69.3





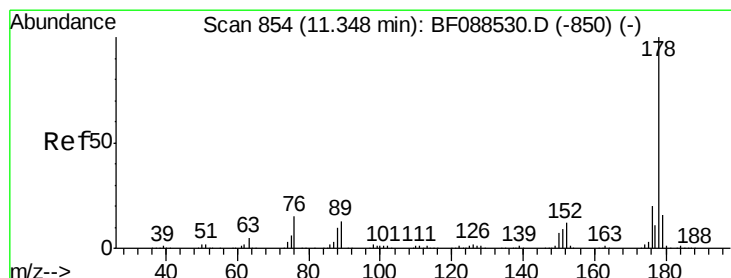
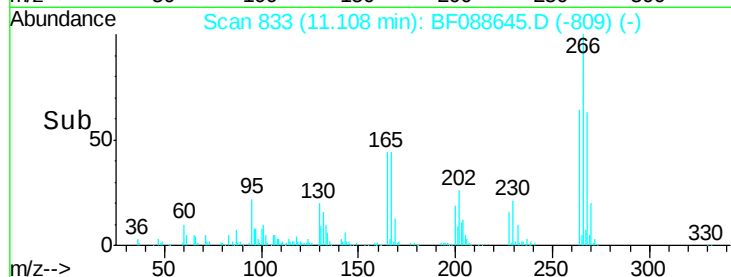
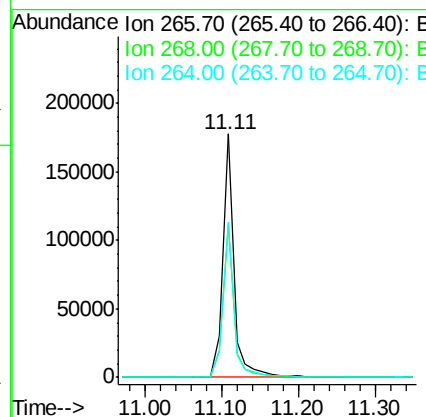
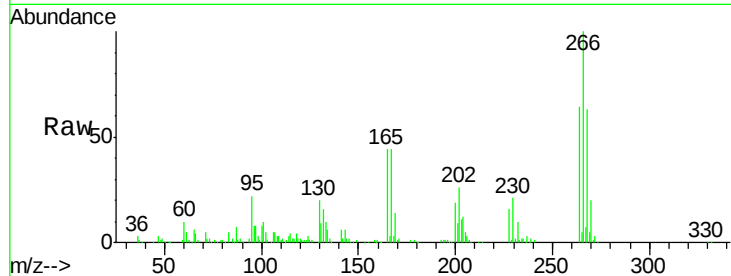
#69
 Pentachlorophenol
 Concen: 68.34 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	52.8	79.2
264	63.7	49.6	74.4

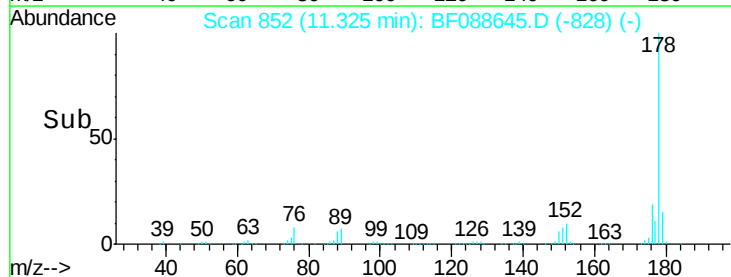
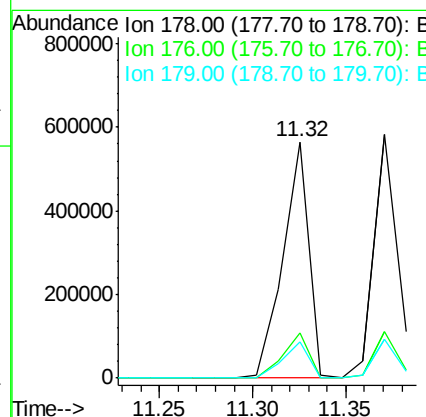
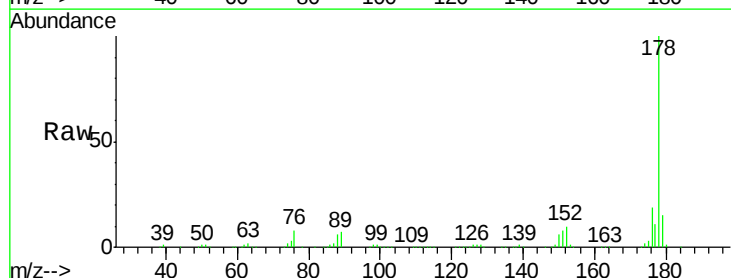
Manual Integrations

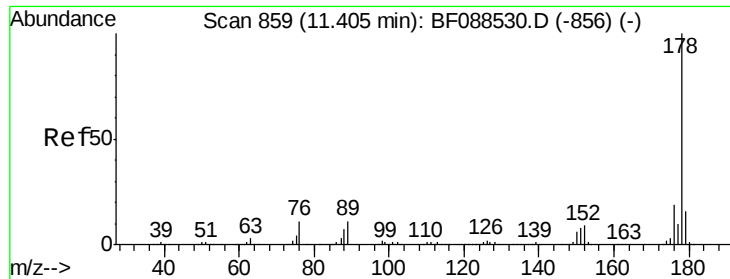
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#70
 Phenanthrene
 Concen: 25.03 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.4	13.0	19.4





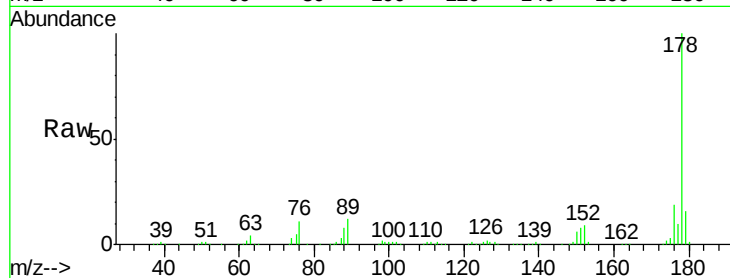
#71
 Anthracene
 Concen: 23.36 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

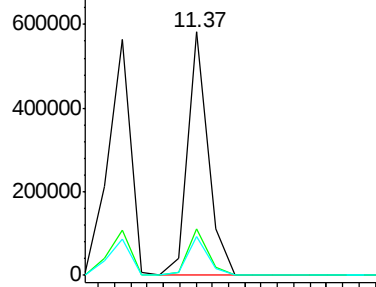
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.7	12.8	19.2

Manual Integrations

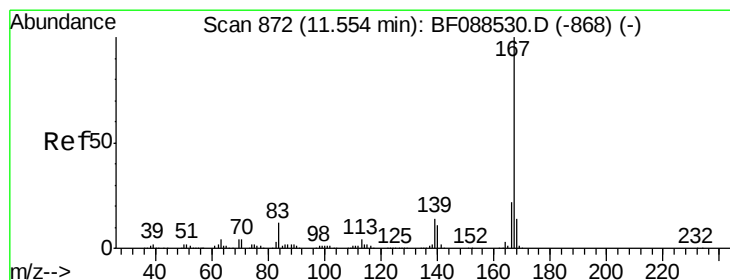
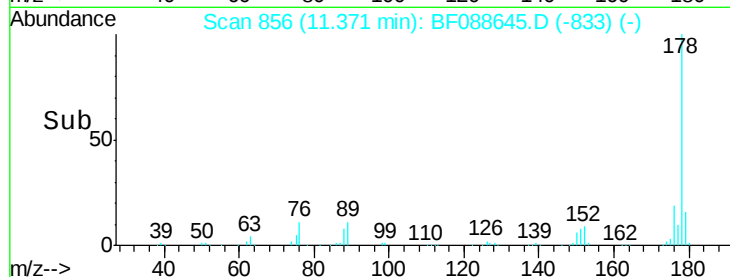
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

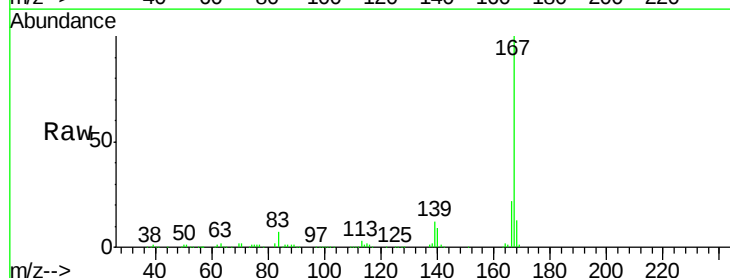


Time-->

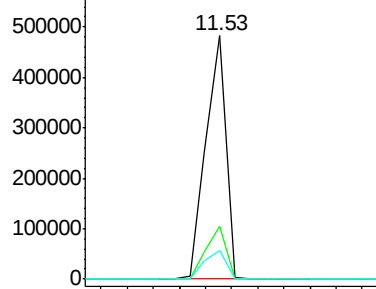


#72
 Carbazole
 Concen: 25.19 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

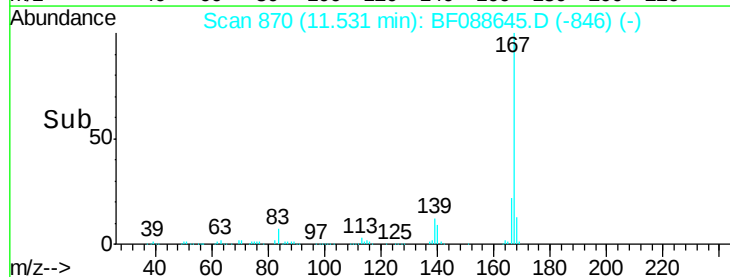
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	11.9	11.2	16.8

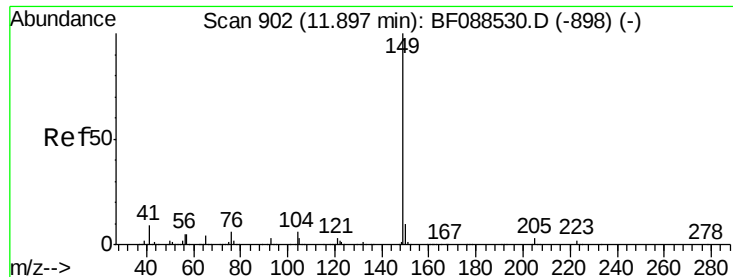


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 25.07 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

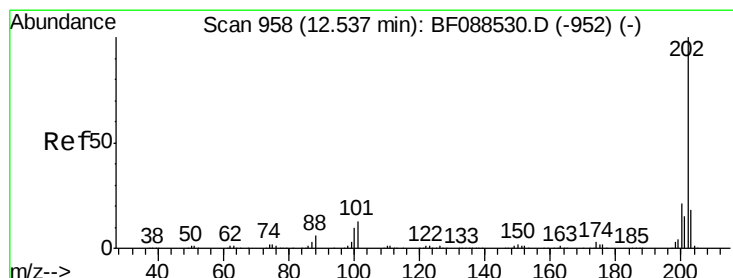
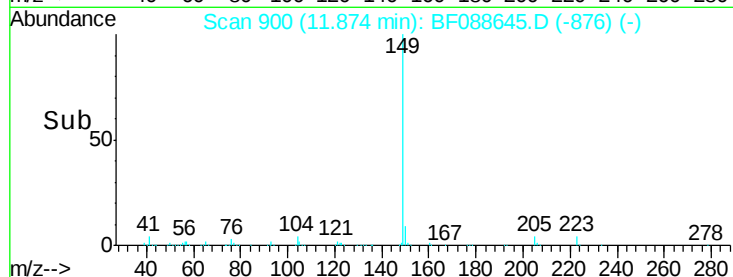
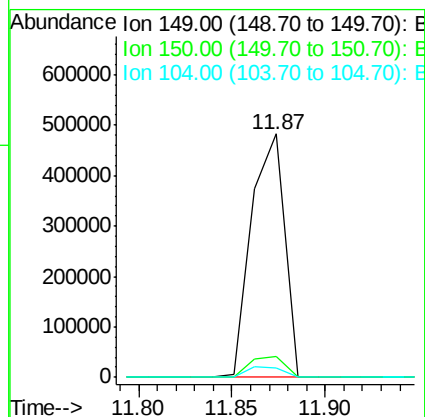
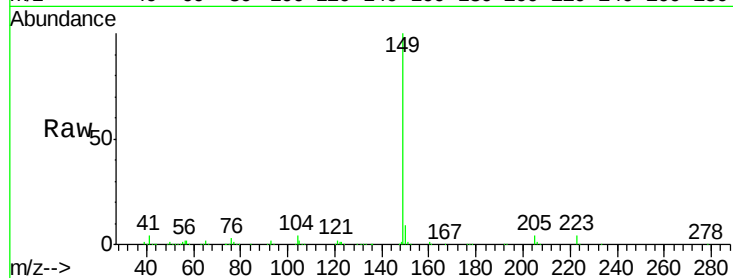
PB91848BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.8	11.6
104	3.9	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 23.51 ng

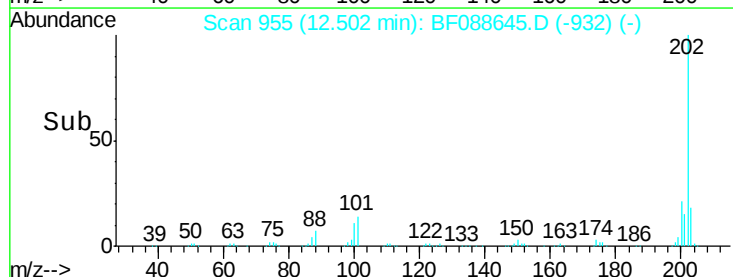
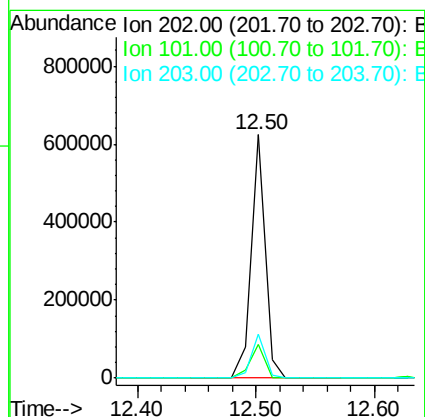
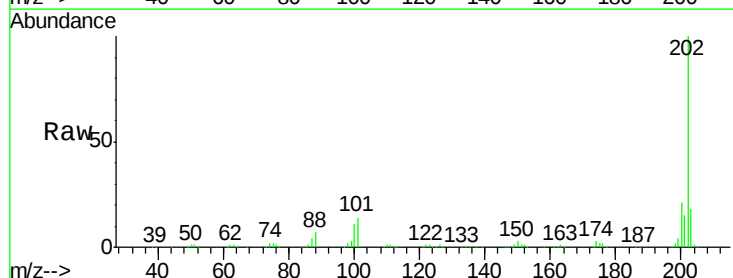
RT: 12.50 min Scan# 955

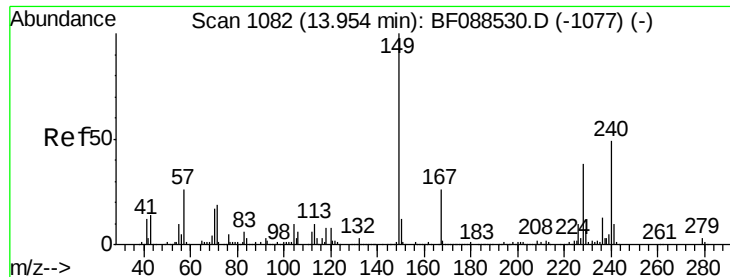
Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tot Ion:240 Resp: 284634

Ion Ratio Lower Upper

240 100

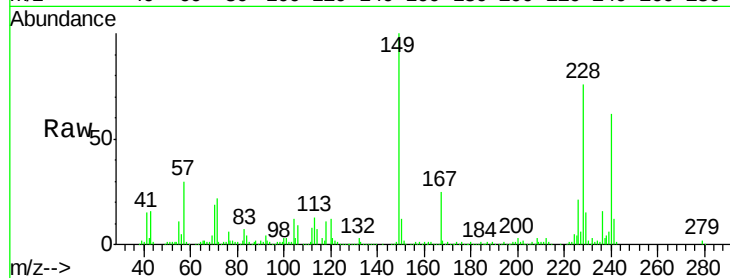
120 18.9 6.8 10.2#

236 25.9 20.2 30.2

Manual Integrations

umangi

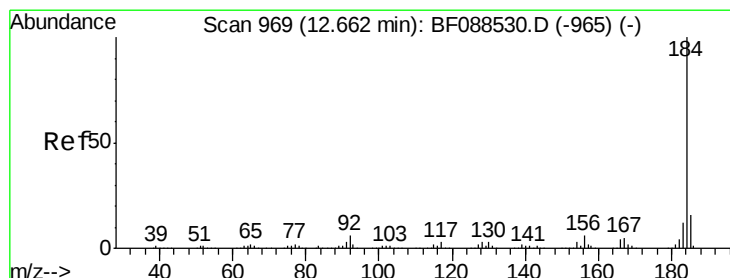
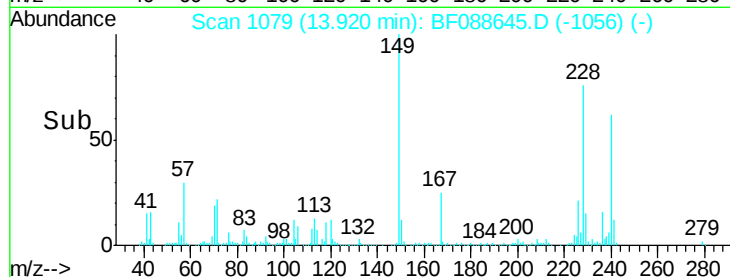
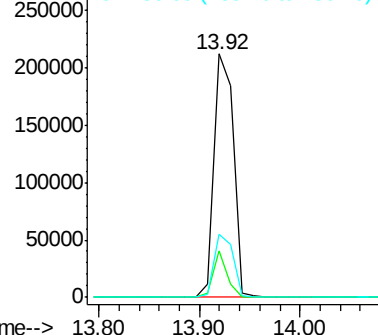
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.27 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

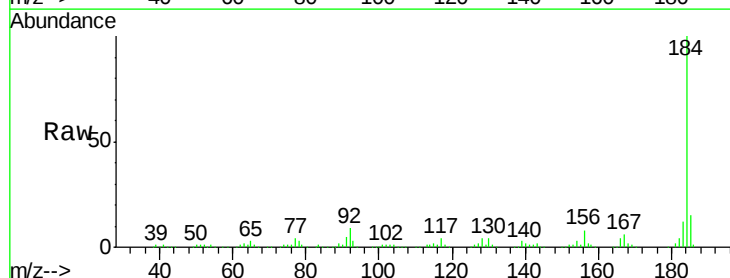
Tgt Ion:184 Resp: 392389

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

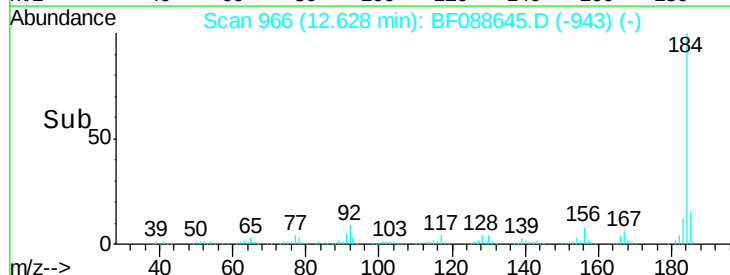
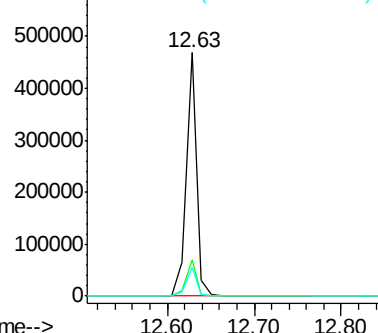
183 11.8 9.3 13.9

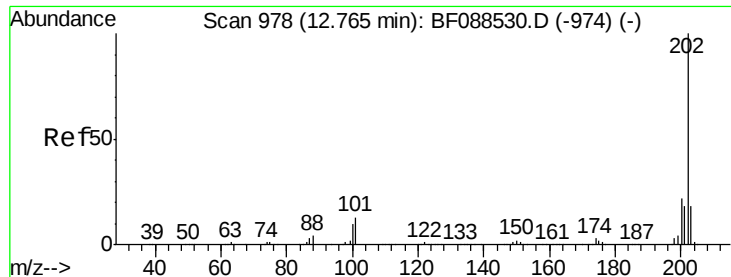


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





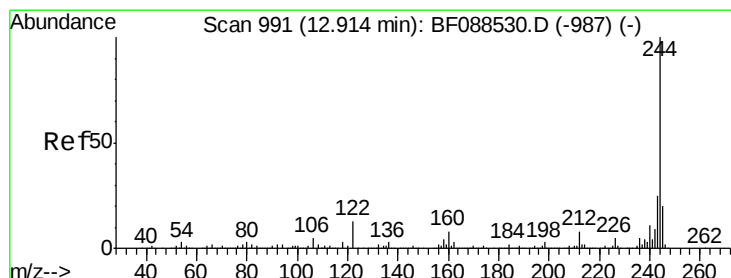
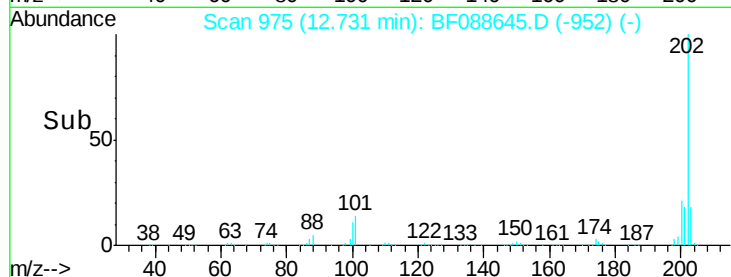
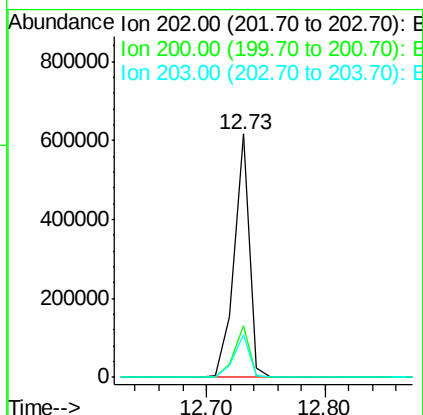
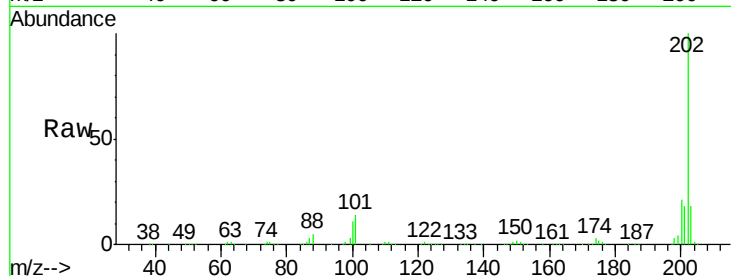
#77
Pvrene
Concen: 22.72 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.5	21.7

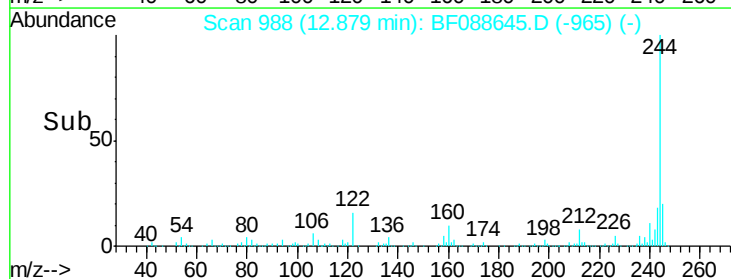
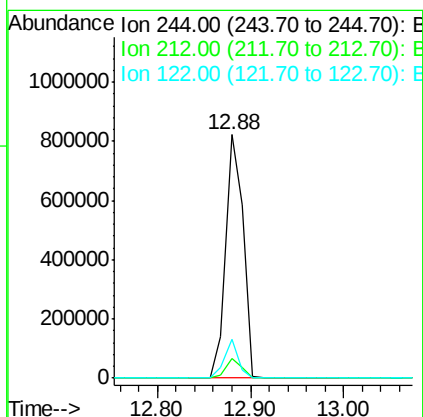
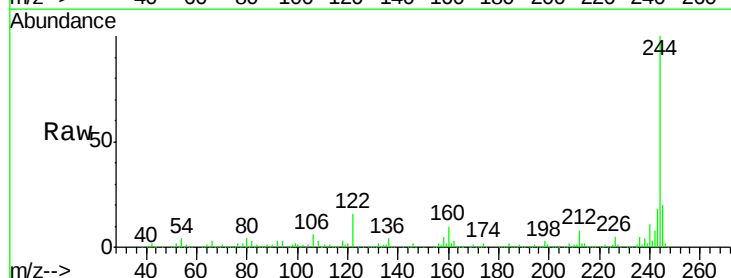
Manual Integrations

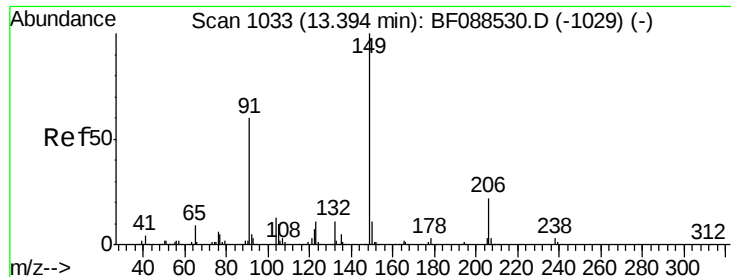
umangi
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#78
Terphenyl-d14
Concen: 83.54 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	15.8	11.2	16.8





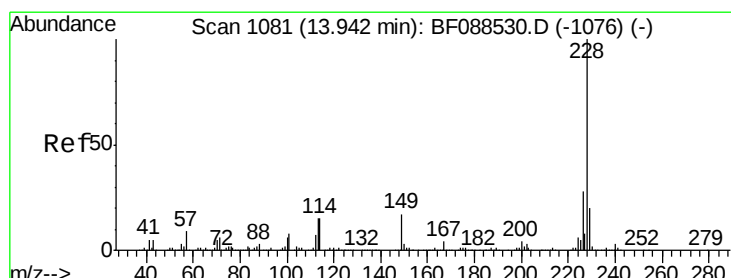
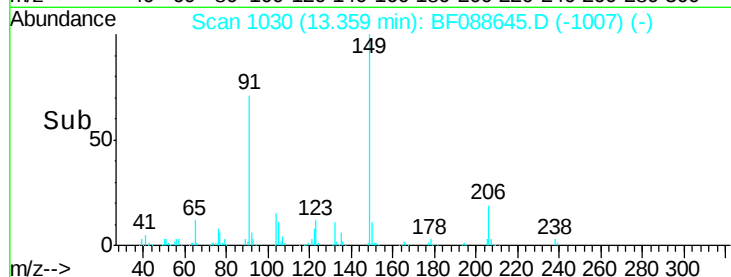
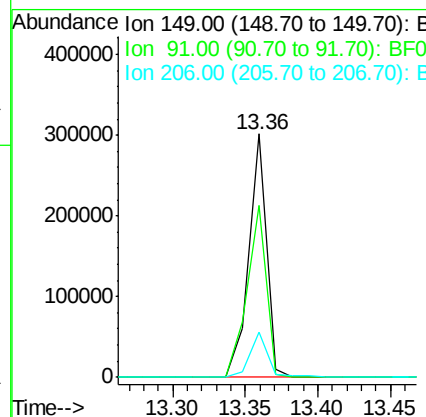
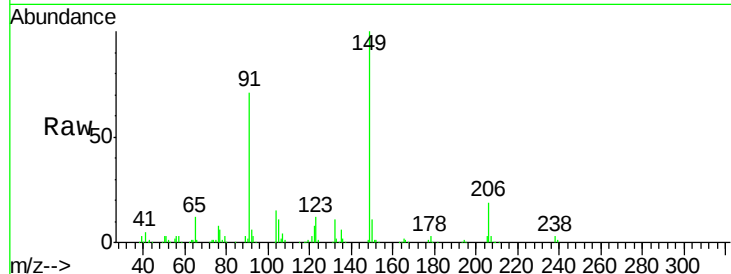
#79
Butylbenzylphthalate
Concen: 23.76 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	48.0	72.0
206	18.7	16.0	24.0

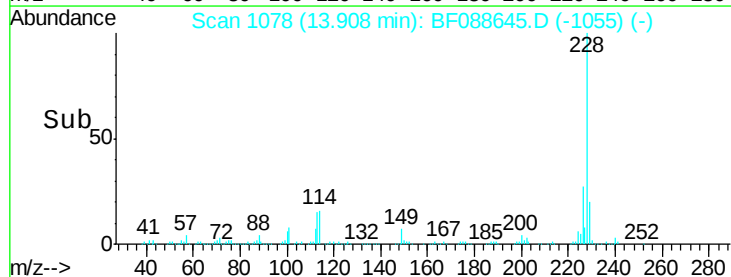
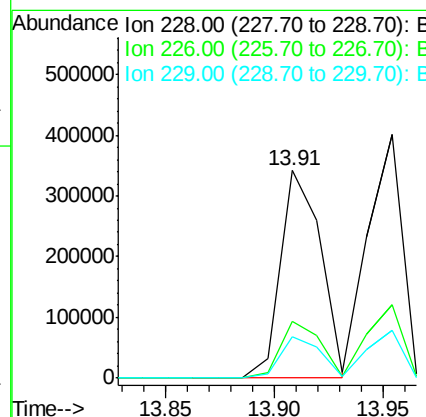
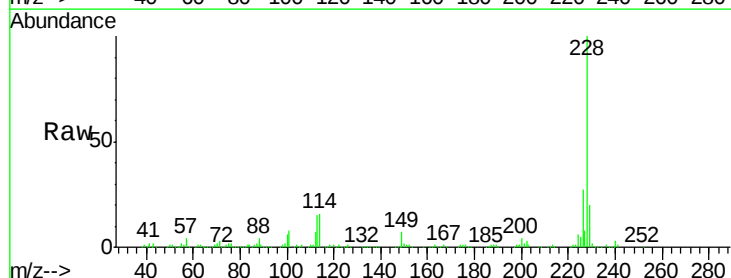
Manual Integrations

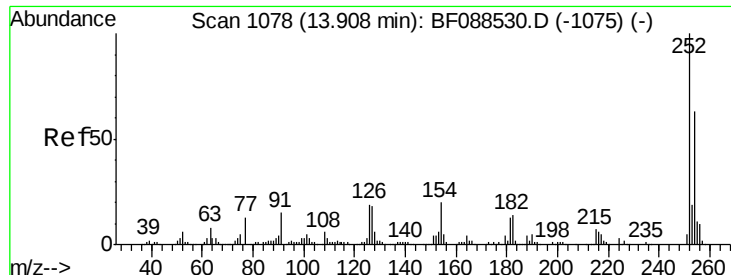
umangi
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#80
Benzo(a)anthracene
Concen: 24.07 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.7	16.0	24.0





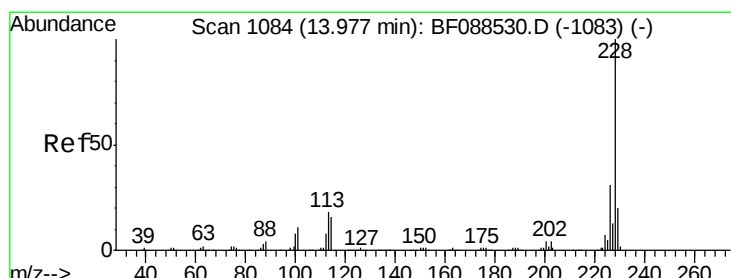
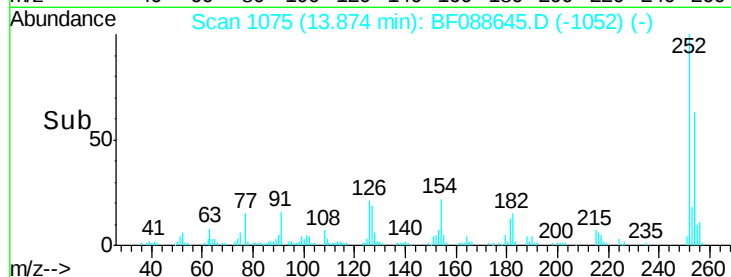
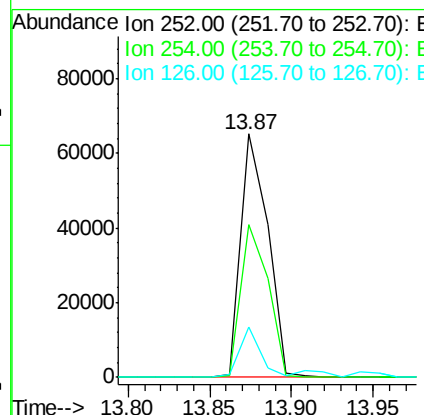
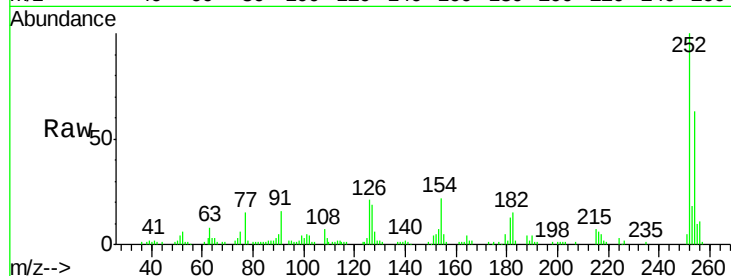
#81
 3,3'-Dichlorobenzidine
 Concen: 10.80 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	78.8
126	20.6	6.2	9.2

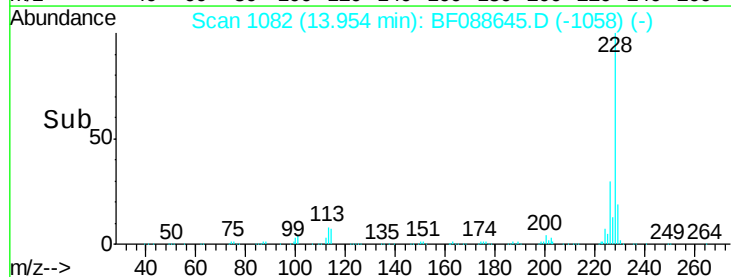
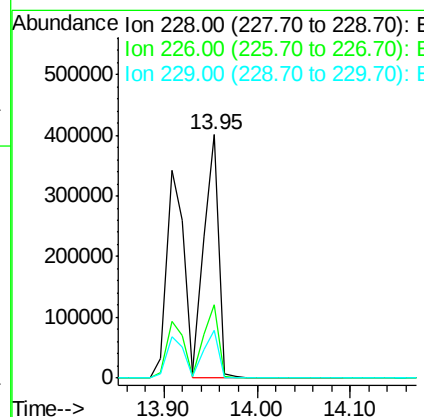
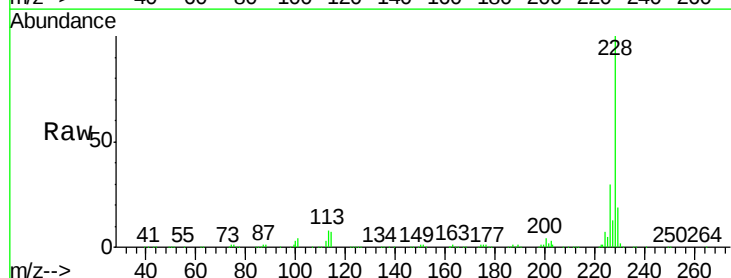
Manual Integrations

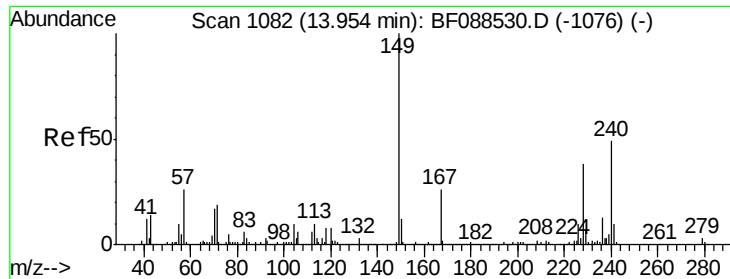
umangi
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#82
 Chrysene
 Concen: 24.57 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	19.4	16.3	24.5





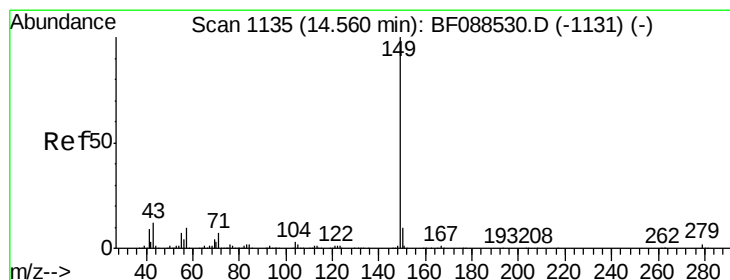
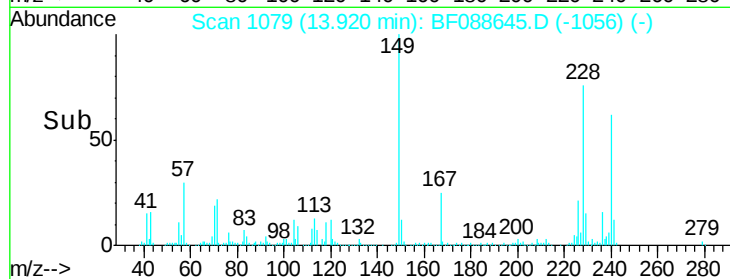
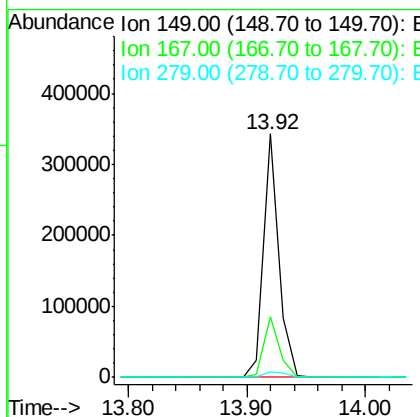
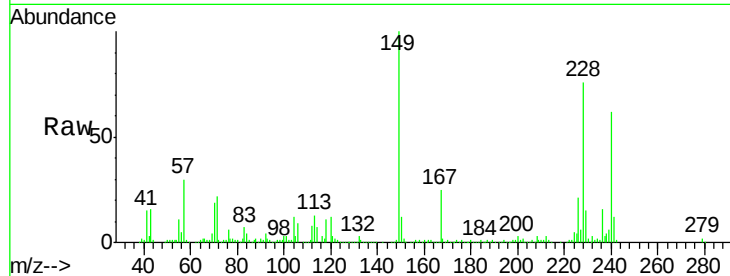
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.32 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	311175		
167	25.0		20.5	30.7
279	2.4		2.0	3.0

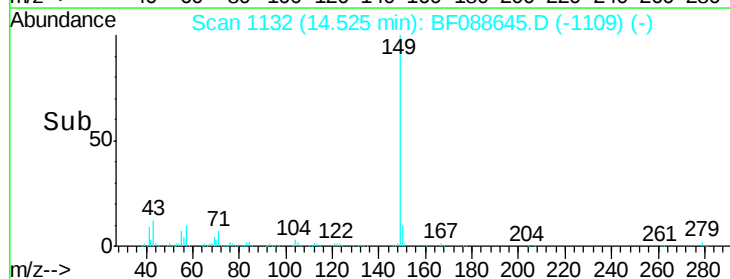
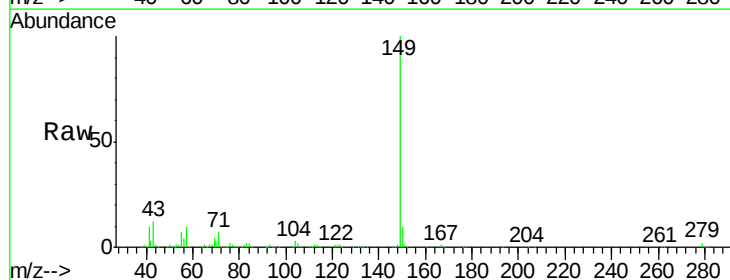
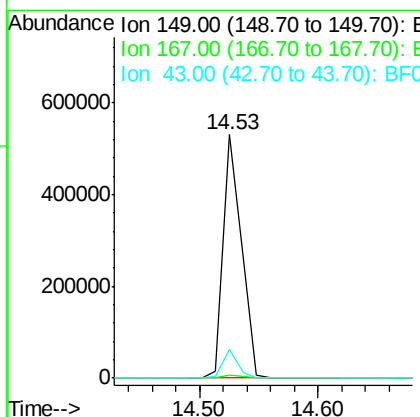
Manual Integrations

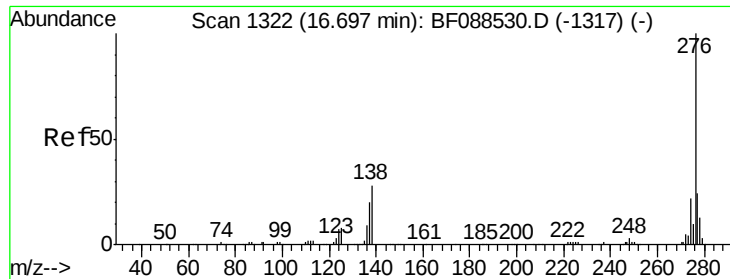
umangi
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#84
 Di-n-octyl phthalate
 Concen: 26.66 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	556647		
167	1.4		0.0	0.0#
43	9.9		0.0	0.0#





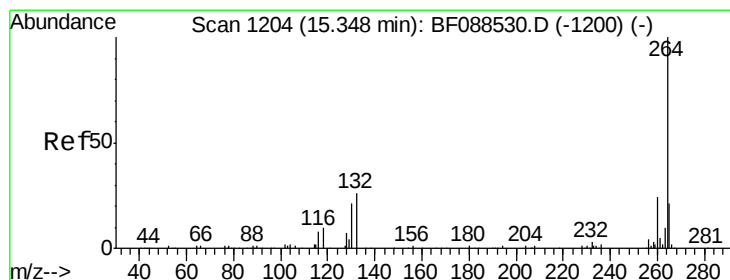
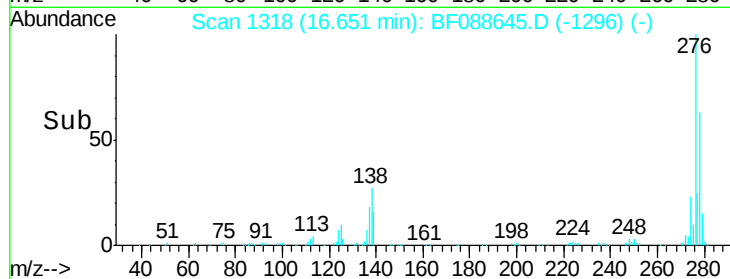
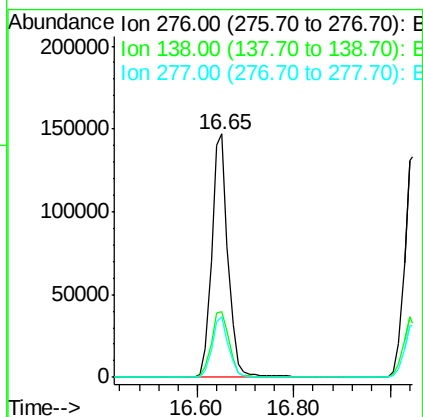
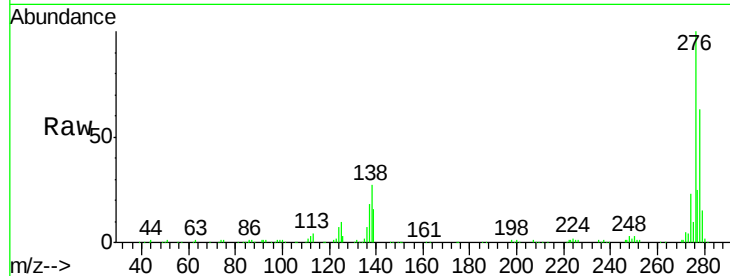
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.11 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	0.0	0.0#
277	25.0	0.0	0.0#

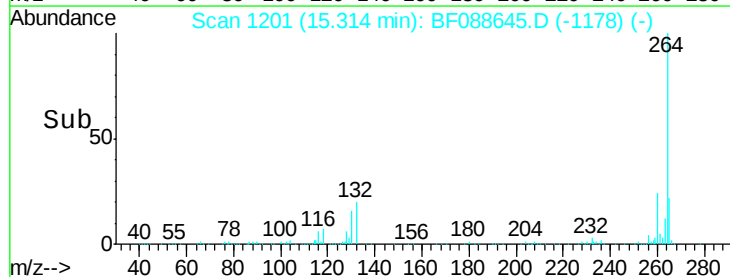
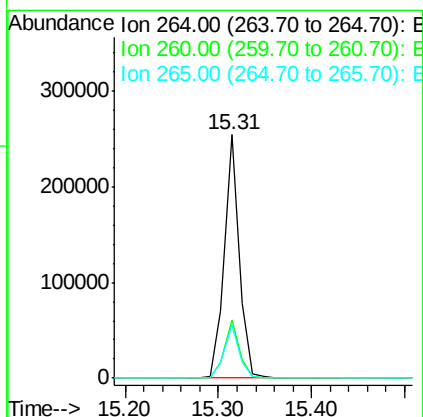
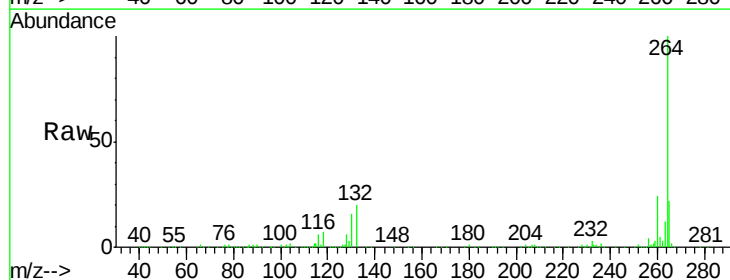
Manual Integrations

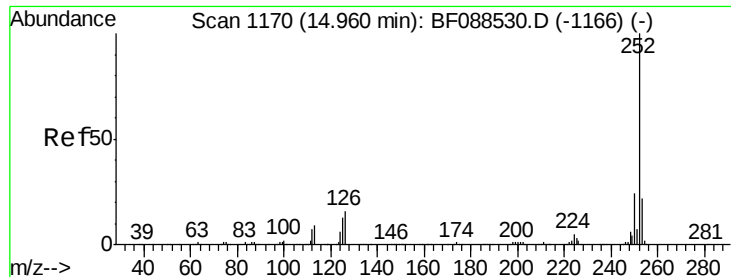
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 24.30 ng m

RT: 14.93 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Instrument :

BNA_F

ClientSampleId :

PB91848BS

Tot Ion:252 Resp: 432497

Ion Ratio Lower Upper

252 100

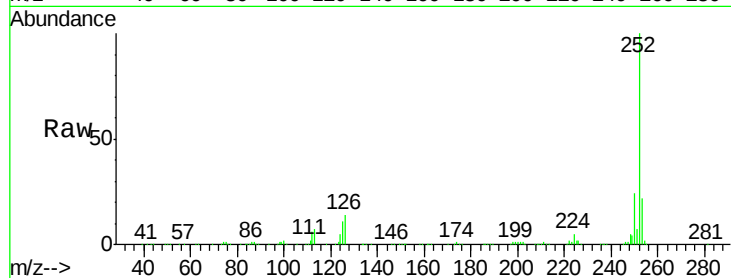
253 21.7 17.4 26.2

125 10.7 7.1 10.7#

Manual Integrations

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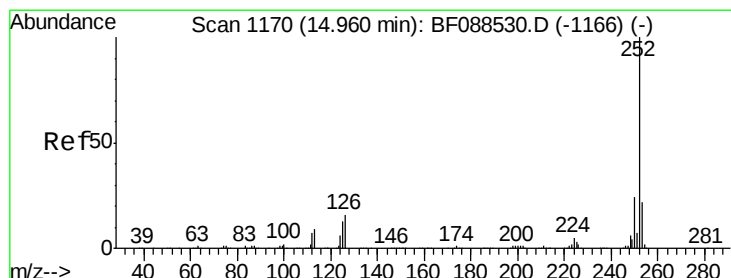
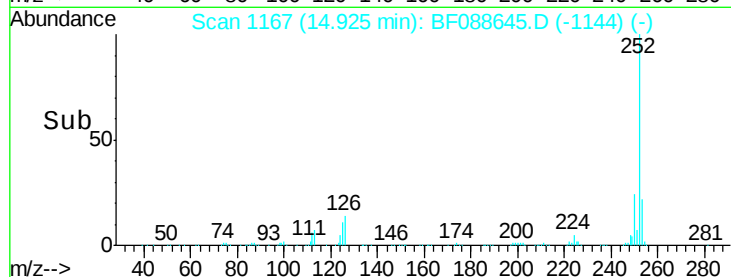
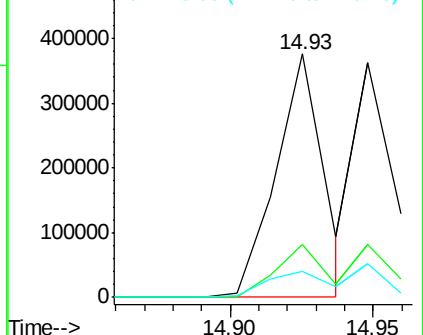
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.59 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF088645.D

Acq: 3 Jul 2016 13:08

Tgt Ion:252 Resp: 350070

Ion Ratio Lower Upper

252 100

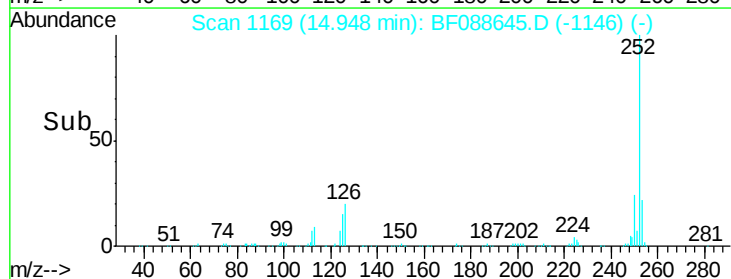
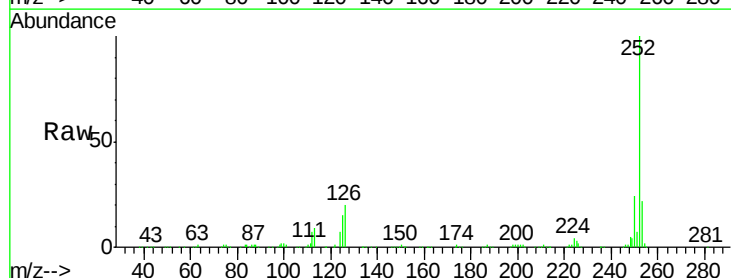
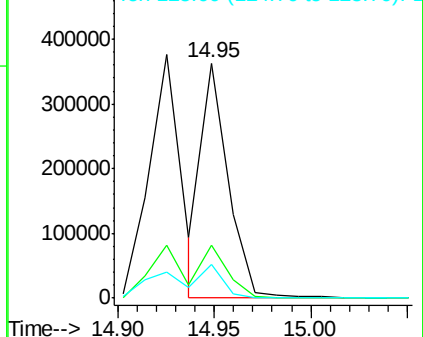
253 22.3 18.0 27.0

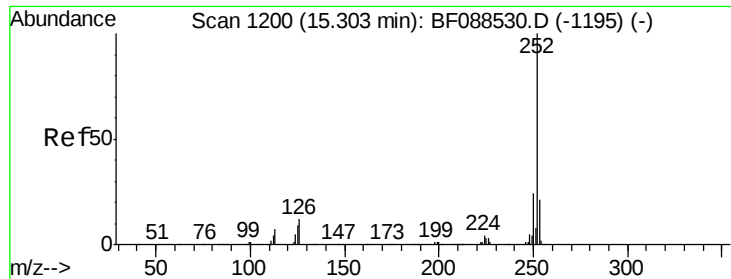
125 14.5 11.2 16.8

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





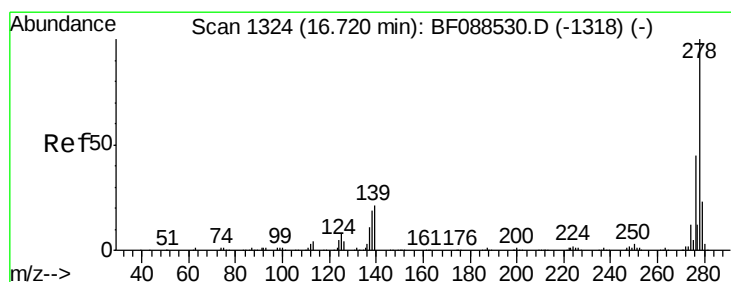
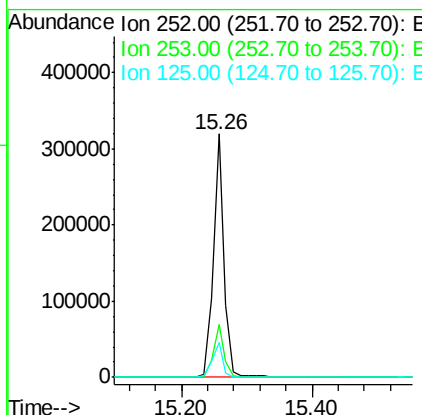
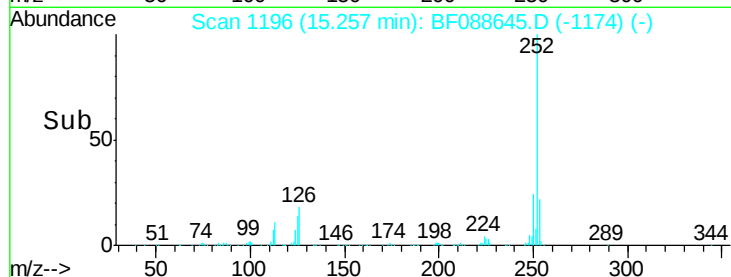
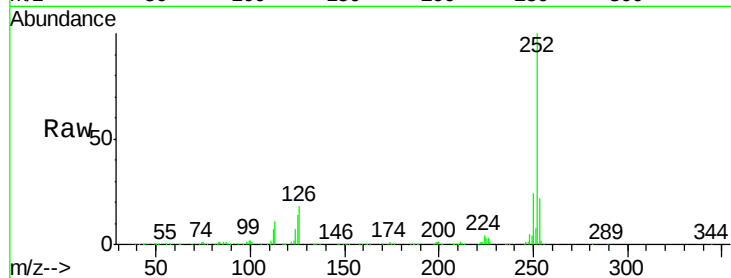
#89
Benzo(a)pyrene
Concen: 24.68 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Instrument :
BNA_F
ClientSampleId :
PB91848BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	14.3	12.5	18.7

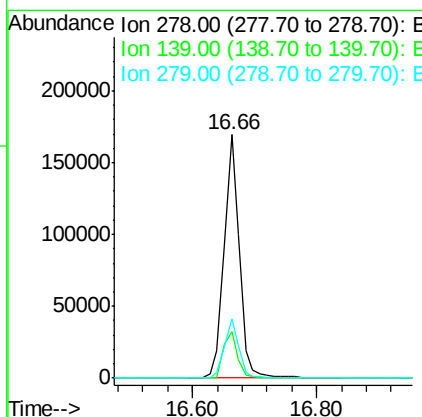
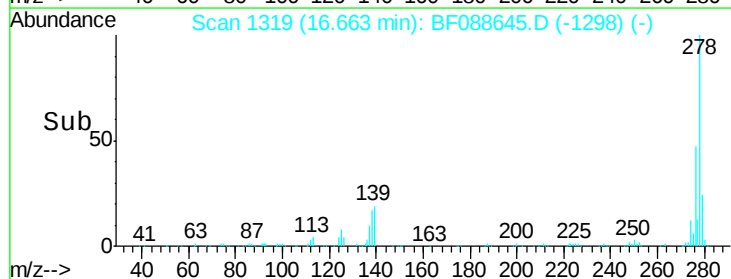
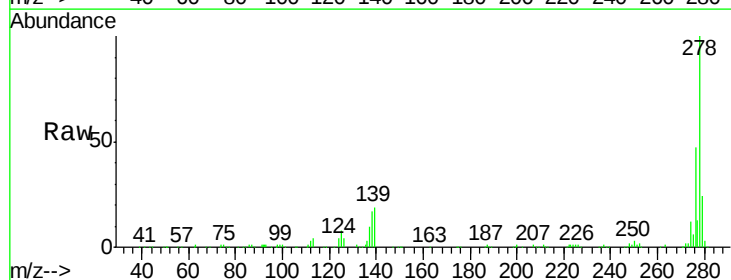
Manual Integrations

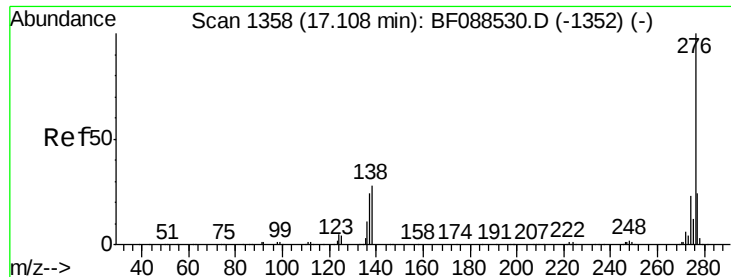
umangi
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#90
Dibenzo(a,h)anthracene
Concen: 23.01 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088645.D
Acq: 3 Jul 2016 13:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	15.7	23.5
279	24.2	19.4	29.2





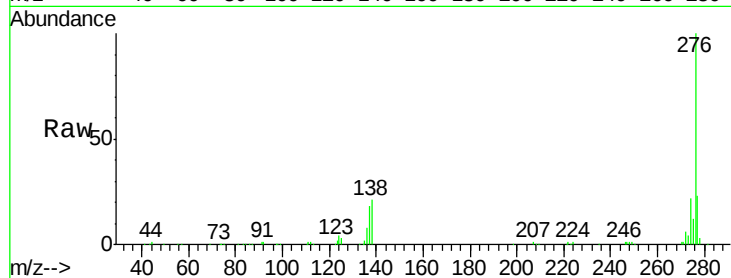
#91
 Benzo(a,h,i)perylene
 Concen: 21.86 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. -0.06 min
 Lab File: BF088645.D
 Acq: 3 Jul 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91848BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	20.9	21.4	32.2#

Manual Integrations

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 7/5/2016 7:52:07 PM



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

