

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088874.D
 Acq On : 9 Jul 2016 16:38
 Operator : UM/SJ
 Sample : H3813-07MS 25X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Manual Integrations

sohil
 7/11/2016 8:07:25 PM

Quant Time: Jul 11 15:35:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	69394	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	264028	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	129144	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	263268	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	212765	20.00	ng	-0.02
86) Perylene-d12	15.22	264	148272	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	18119	3.91	ng	-0.03
7) Phenol-d6	6.34	99	25274	4.22	ng	-0.03
23) Nitrobenzene-d5	7.28	82	15942	3.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5168	4.31	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	32255	3.95	ng	-0.02
78) Terphenyl-d14	12.81	244	33654	3.52	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	2188	0.95	ng	# 31
3) Pyridine	2.97	79	1404	0.21	ng	# 80
4) n-Nitrosodimethylamine	2.86	42	818	0.32	ng	# 82
6) Aniline	6.38	93	2531	0.29	ng	97
8) 2-Chlorophenol	6.49	128	3312	0.67	ng	92
9) Benzaldehyde	6.25	77	2337	0.58	ng	# 72
10) Phenol	6.36	94	4347	0.64	ng	75
11) bis(2-Chloroethyl)ether	6.44	93	3369	0.66	ng	87
12) 1,3-Dichlorobenzene	6.65	146	3672	0.67	ng	# 95
13) 1,4-Dichlorobenzene	6.73	146	3548	0.65	ng	93
14) 1,2-Dichlorobenzene	6.89	146	3509	0.69	ng	# 94
15) Benzyl Alcohol	6.86	79	3101	0.70	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4116	0.56	ng	86
17) 2-Methylphenol	6.98	107	2614	0.64	ng	92
18) Hexachloroethane	7.23	117	1394	0.66	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	2637	0.66	ng	# 87
20) 3+4-Methylphenols	7.13	107	4150	0.85	ng	# 86
22) Acetophenone	7.13	105	5046	0.79	ng	# 92
24) Nitrobenzene	7.29	77	3527	0.69	ng	# 79
25) Isophorone	7.54	82	6635	0.71	ng	93
26) 2-Nitrophenol	7.62	139	1411	0.68	ng	# 82
27) 2,4-Dimethylphenol	7.67	122	2599	0.60	ng	89
28) bis(2-Chloroethoxy)methane	7.76	93	5131	0.84	ng	# 92
29) 2,4-Dichlorophenol	7.86	162	2315	0.66	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	2908	0.76	ng	98
31) Naphthalene	8.02	128	11381	0.87	ng	99
33) 4-Chloroaniline	8.08	127	2707	0.47	ng	# 93
34) Hexachlorobutadiene	8.15	225	1710	0.83	ng	97
35) Caprolactam	8.39	113	593	0.50	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	3133	0.76	ng	95
37) 2-Methylnaphthalene	8.72	142	6635	0.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3192	0.74	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	1299	0.62	ng	85
42) 2,4,6-Trichlorophenol	8.99	196	1734	0.61	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	1462	0.60	nq	# 76
45) 1,1'-Biphenyl	9.18	154	9544	0.89	nq	98
46) 2-Chloronaphthalene	9.20	162	7373	0.88	nq	95
47) 2-Nitroaniline	9.29	65	1861	0.62	nq	89
48) Acenaphthylene	9.61	152	11235	0.84	nq	96
49) Dimethylphthalate	9.47	163	10214	1.11	nq	100
50) 2,6-Dinitrotoluene	9.53	165	1455	0.71	nq	# 12
51) Acenaphthene	9.78	154	7386	0.90	nq	99
52) 3-Nitroaniline	9.70	138	1427	0.55	nq	# 93
54) Dibenzofuran	9.95	168	10994	1.03	nq	# 91
55) 4-Nitrophenol	9.87	139	2161	1.10	nq	86
56) 2,4-Dinitrotoluene	9.93	165	1736	0.65	nq	# 16
57) Fluorene	10.30	166	8357	1.01	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1008	0.53	nq	# 60
59) Diethylphthalate	10.17	149	7961	0.86	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	3709	0.97	nq	89
61) 4-Nitroaniline	10.30	138	1482	0.59	nq	# 77
62) Azobenzene	10.44	77	8080	0.77	nq	90
65) n-Nitrosodiphenylamine	10.41	169	6839	0.77	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	2043	0.77	nq	# 70
67) Hexachlorobenzene	10.84	284	2222	0.76	nq	# 81
68) Atrazine	10.94	200	2055	0.74	nq	98
69) Pentachlorophenol	11.04	266	561	0.32	nq	92
70) Phenanthrene	11.24	178	11935	0.83	nq	98
71) Anthracene	11.30	178	12156	0.85	nq	97
72) Carbazole	11.45	167	10632	0.79	nq	98
73) Di-n-butylphthalate	11.80	149	15027	0.96	nq	97
74) Fluoranthene	12.43	202	12517	0.86	nq	95
76) Benzidine	12.56	184	972	0.09	nq	# 66
77) Pyrene	12.65	202	12359	0.69	nq	97
79) Butylbenzylphthalate	13.29	149	5093	0.63	nq	98
80) Benzo(a)anthracene	13.84	228	10725	0.78	nq	98
81) 3,3'-Dichlorobenzidine	13.81	252	1844	0.36	nq	# 91
82) Chrysene	13.87	228	8890	0.66	nq	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	8053	0.88	nq	# 98
84) Di-n-octyl phthalate	14.46	149	9403	0.60	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	6141	0.59	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	7529m	0.81	nq	
88) Benzo(k)fluoranthene	14.87	252	5247m	0.65	nq	
89) Benzo(a)pyrene	15.17	252	5626	0.71	nq	# 96
90) Dibenzo(a,h)anthracene	16.53	278	5148	0.78	nq	97
91) Benzo(g,h,i)perylene	16.89	276	5294	0.78	nq	97

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

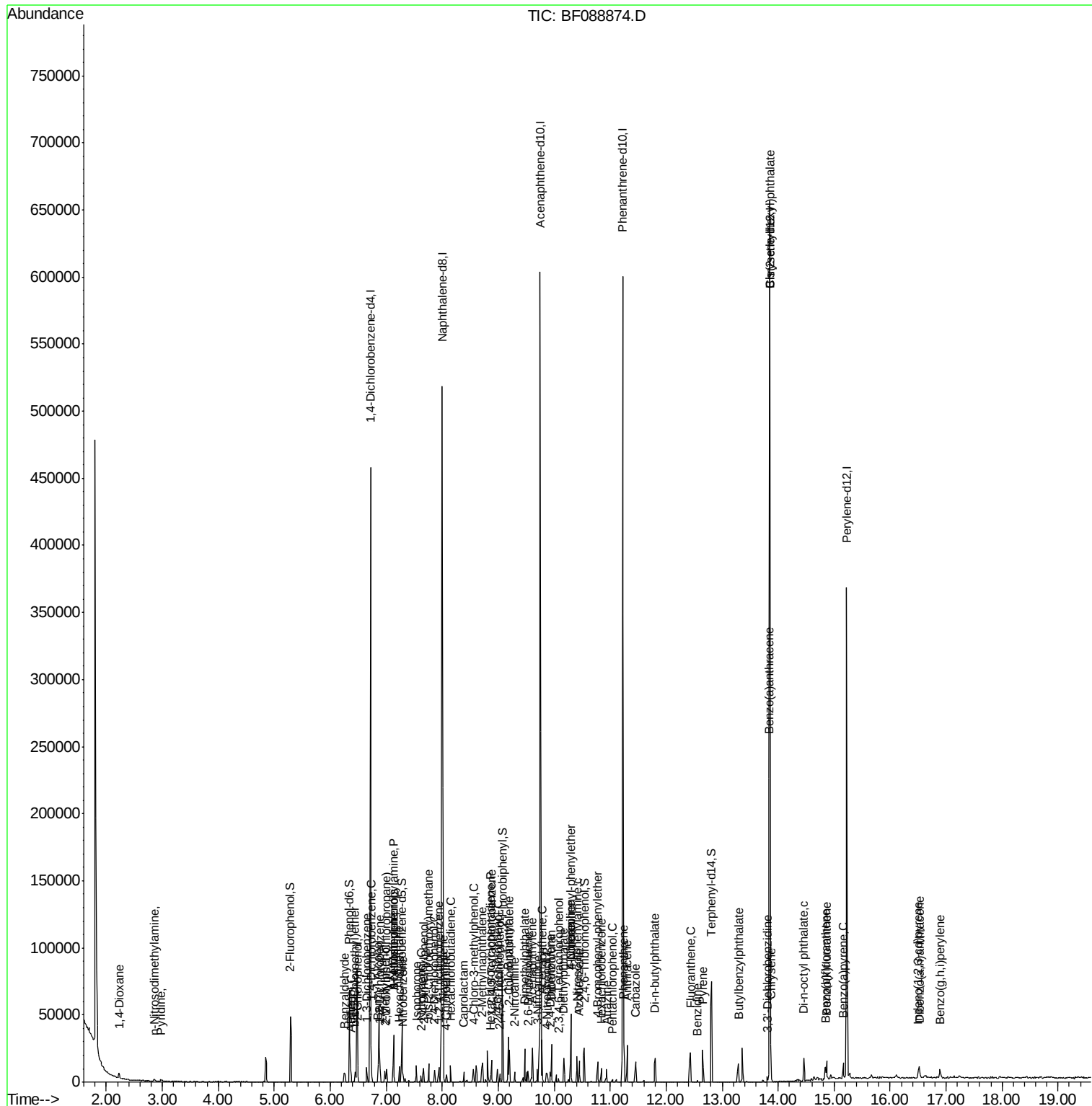
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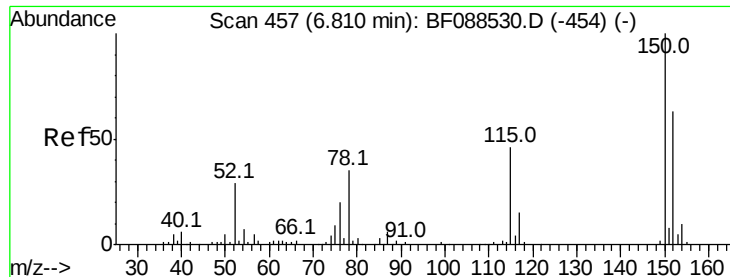
Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:152 Resp: 69394

Ion Ratio Lower Upper

152 100

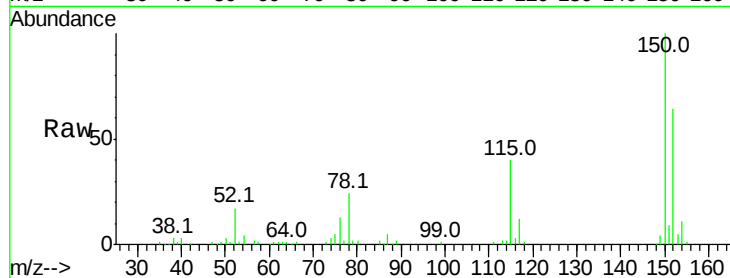
150 156.1 123.8 185.6

115 62.9 39.6 59.4#

Manual Integrations

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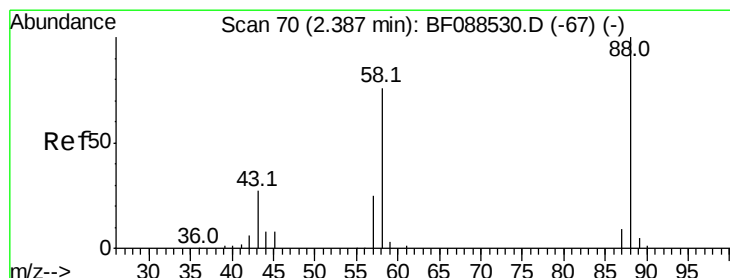
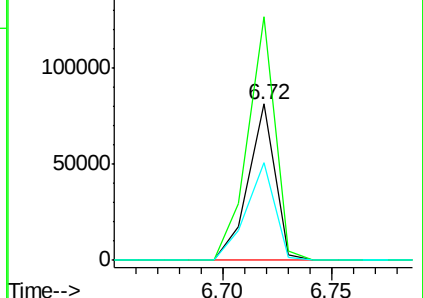
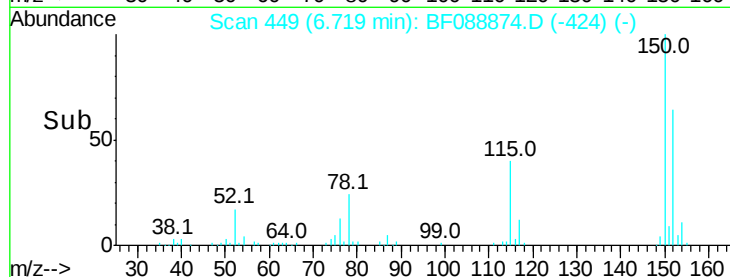
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.95 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

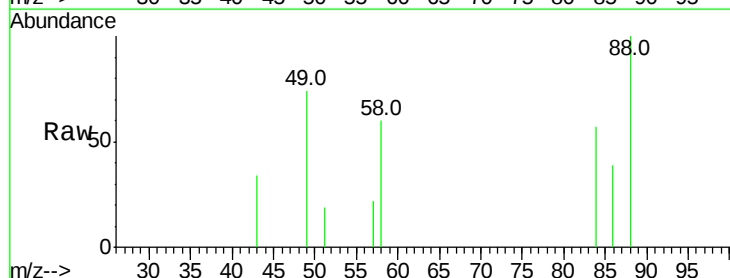
Tgt Ion: 88 Resp: 2188

Ion Ratio Lower Upper

88 100

58 52.6 0.0 0.0#

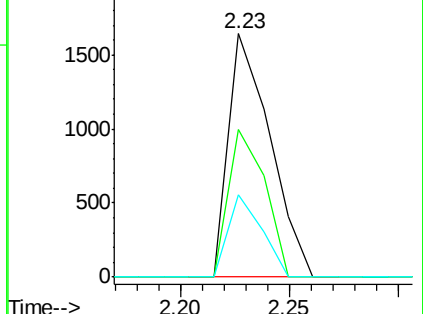
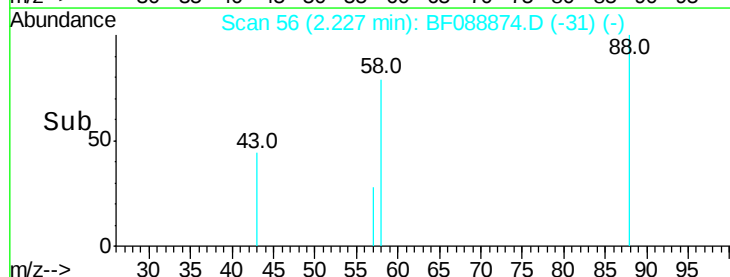
43 26.9 3.4 5.2#

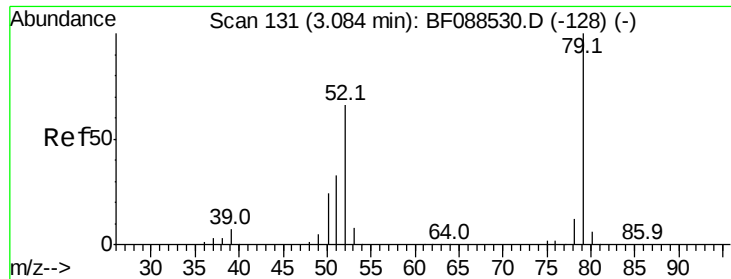


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.21 ng

RT: 2.97 min Scan# 121

Delta R.T. 0.07 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion: 79 Resp: 1404

Ion Ratio Lower Upper

79 100

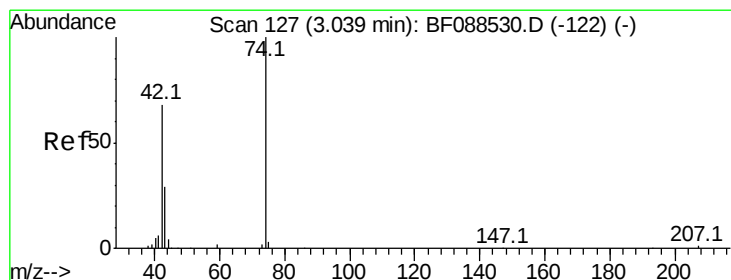
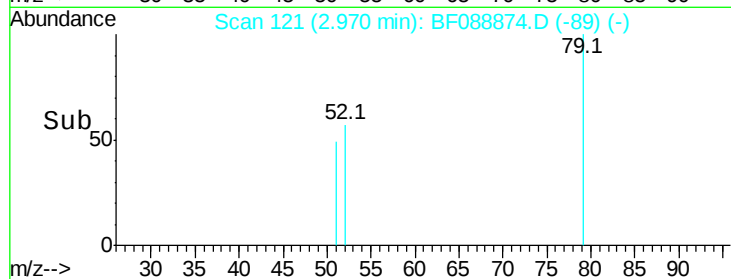
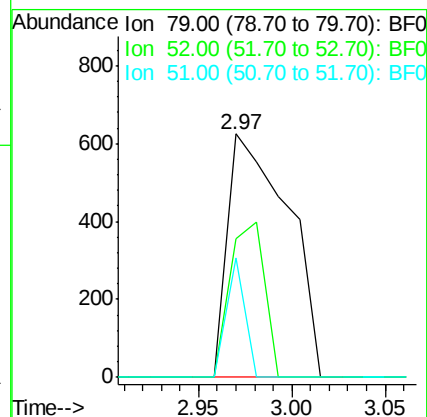
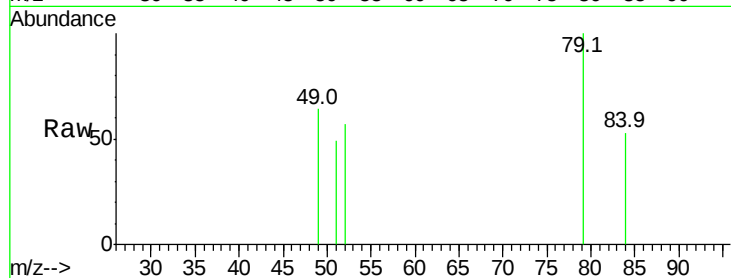
52 56.8 56.3 84.5

51 49.3 27.4 41.2#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 0.32 ng

RT: 2.86 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

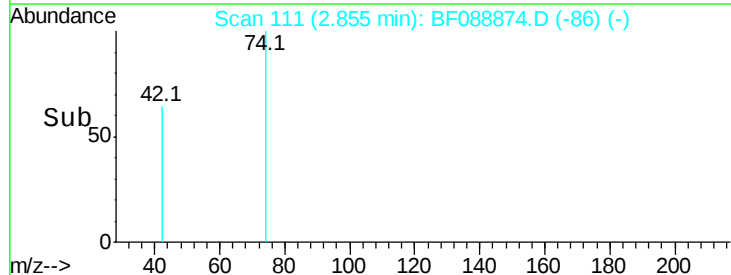
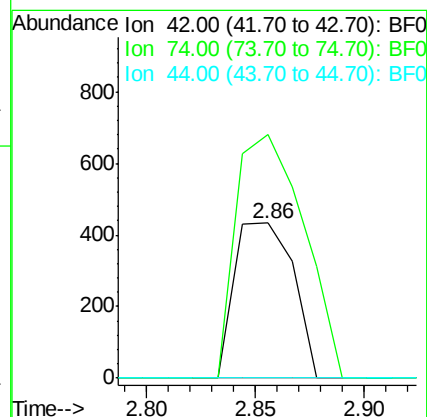
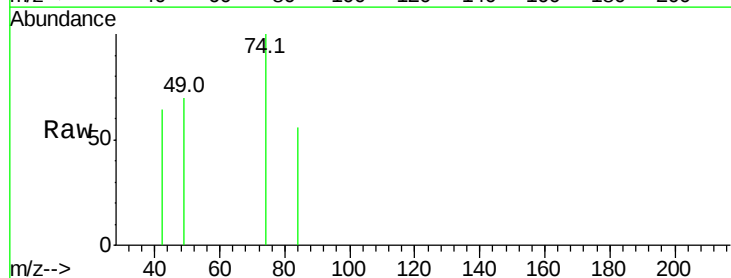
Tgt Ion: 42 Resp: 818

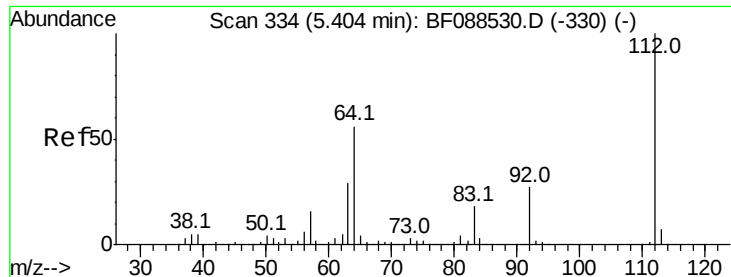
Ion Ratio Lower Upper

42 100

74 157.0 108.6 163.0

44 0.0 5.5 8.3#





#5

2-Fluorophenol

Concen: 3.91 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

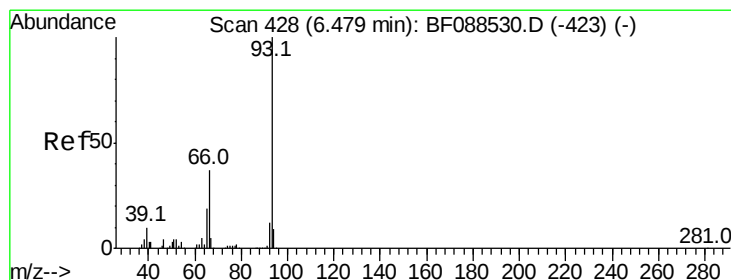
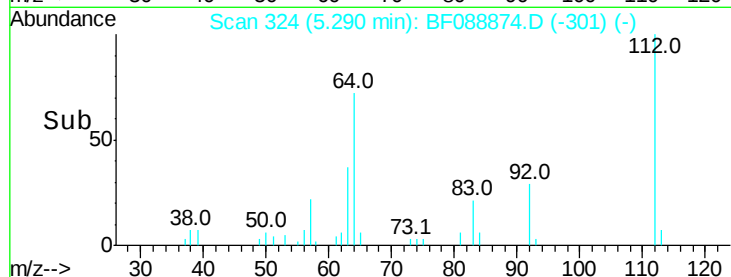
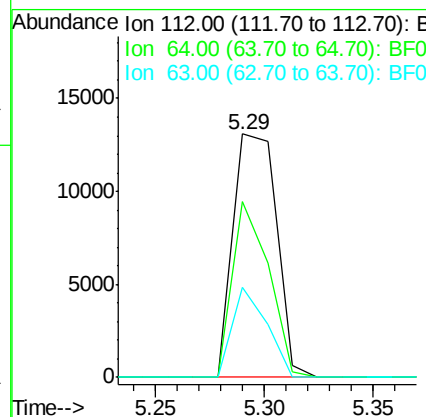
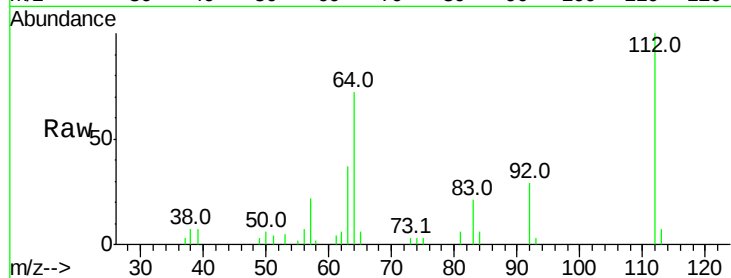
P001-DS001-01MS

Tot Ion:	112	Resp:	18119
Ion Ratio	Lower	Upper	
112	100		
64	72.2	42.2	63.2#
63	36.7	21.8	32.8#

Manual Integrations

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#6

Aniline

Concen: 0.29 ng

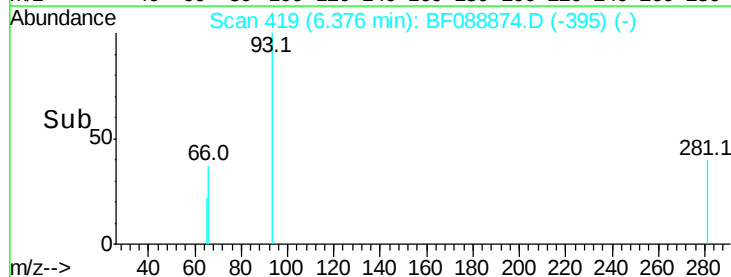
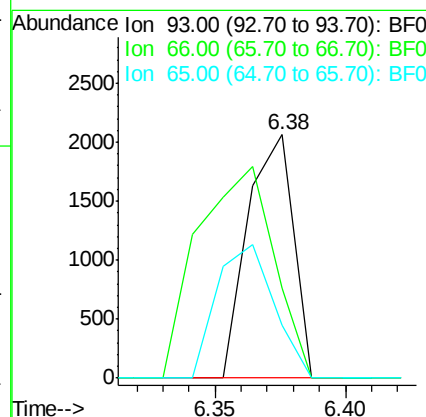
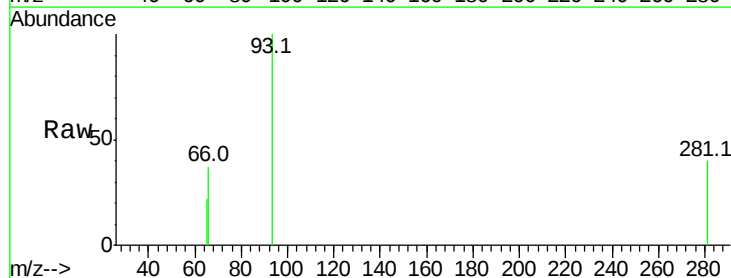
RT: 6.38 min Scan# 419

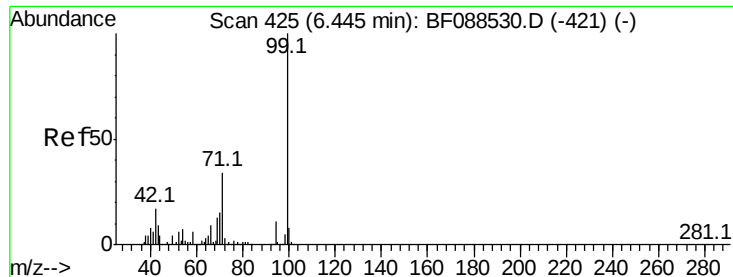
Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:	93	Resp:	2531
Ion Ratio	Lower	Upper	
93	100		
66	37.0	29.8	44.8
65	21.9	14.9	22.3





#7

Phenol-d6

Concen: 4.22 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion: 99 Resp: 25274

Ion Ratio Lower Upper

99 100

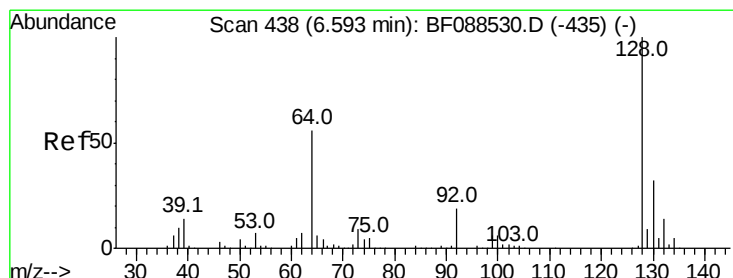
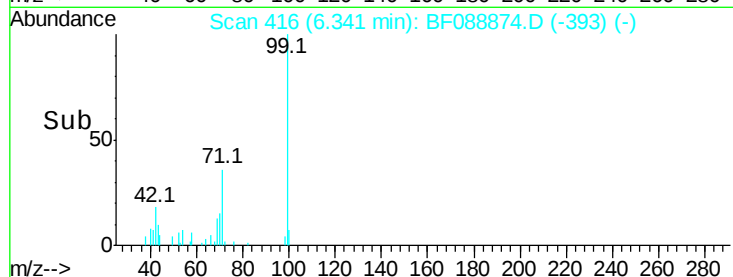
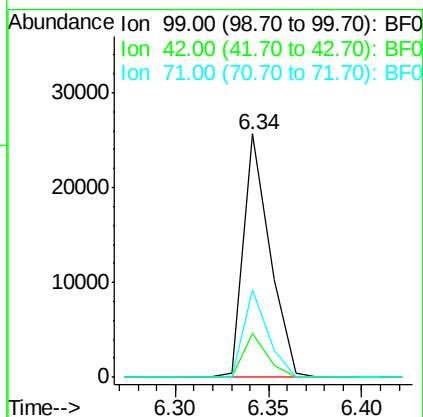
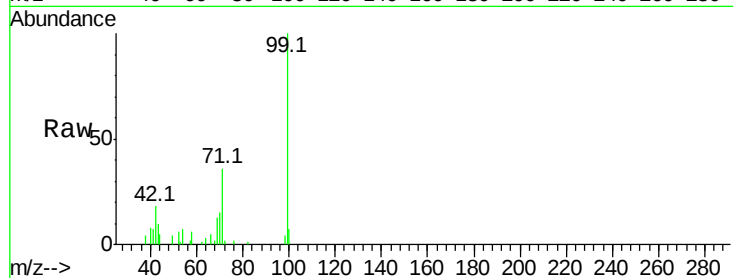
42 18.2 12.2 18.2

71 35.9 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 0.67 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

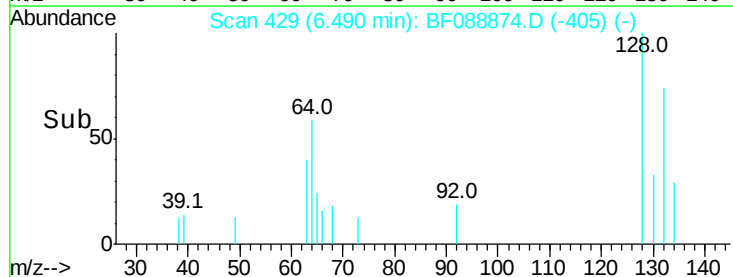
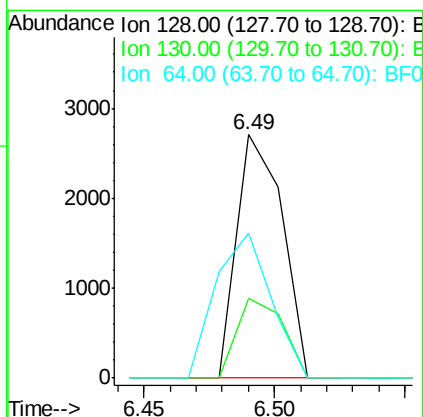
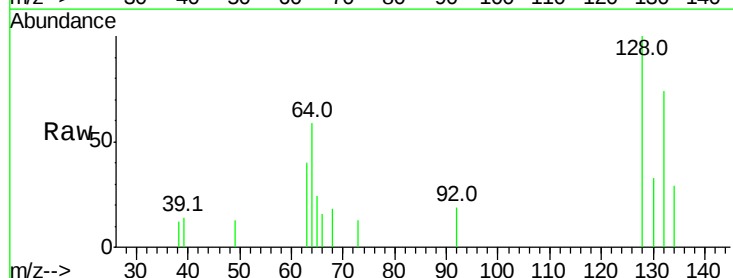
Tgt Ion: 128 Resp: 3312

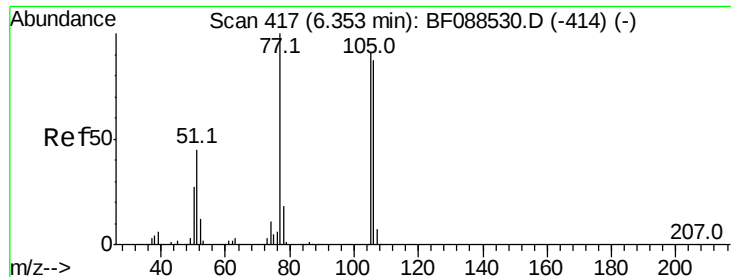
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 59.5 30.8 70.8





#9

Benzaldehyde

Concen: 0.58 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion: 77 Resp: 2337

Ion Ratio Lower Upper

77 100

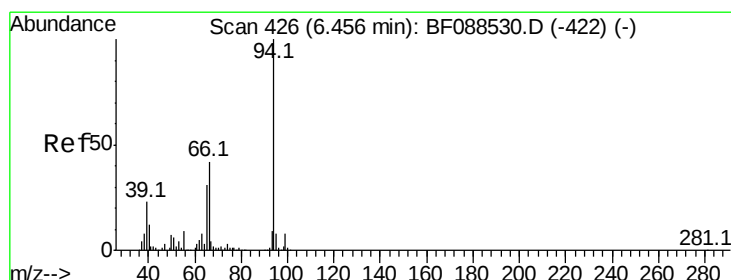
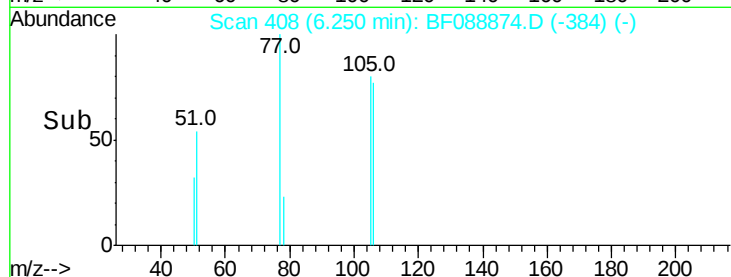
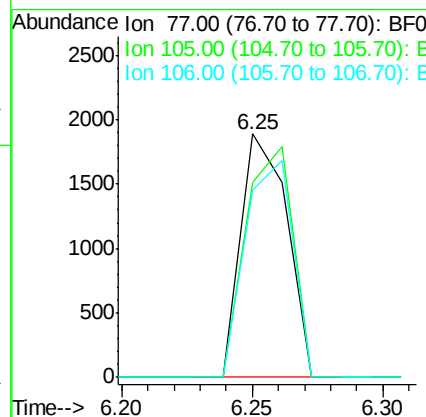
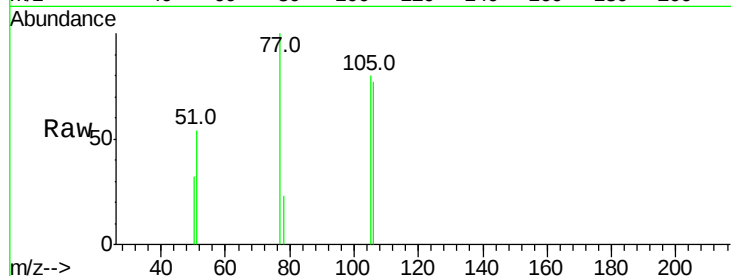
105 80.3 90.6 130.6#

106 77.0 85.3 125.3#

Manual Integrations

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#10

Phenol

Concen: 0.64 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

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Acq: 9 Jul 2016 16:38

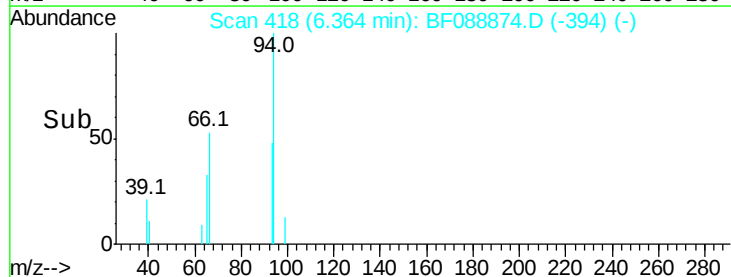
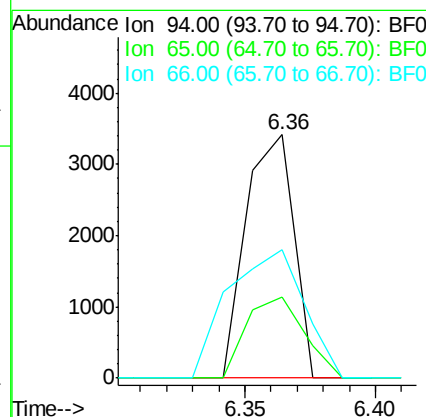
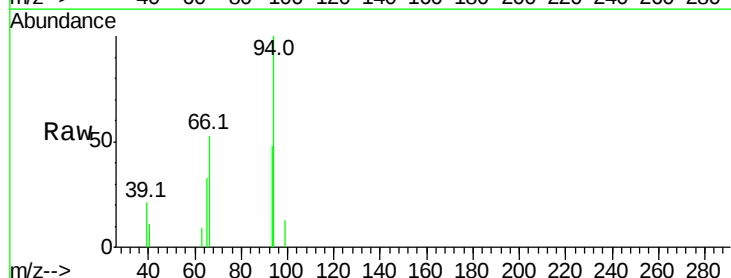
Tgt Ion: 94 Resp: 4347

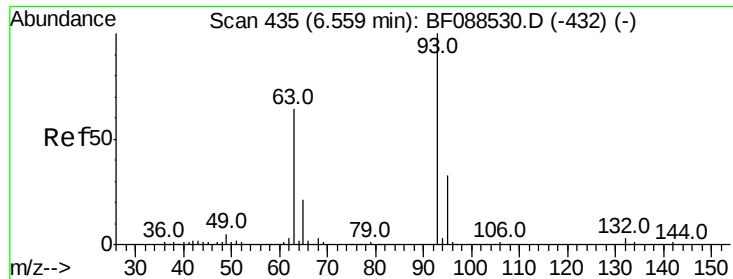
Ion Ratio Lower Upper

94 100

65 33.2 5.9 45.9

66 52.6 14.0 54.0





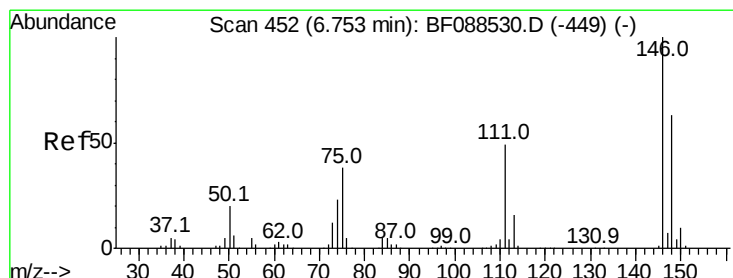
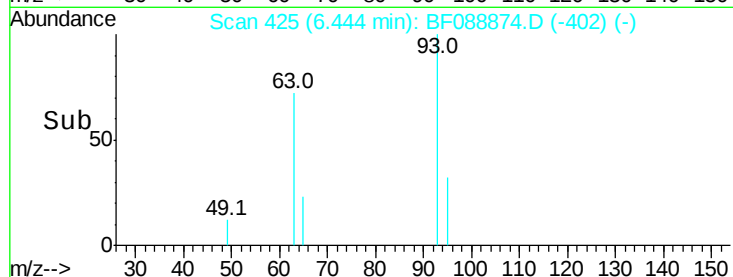
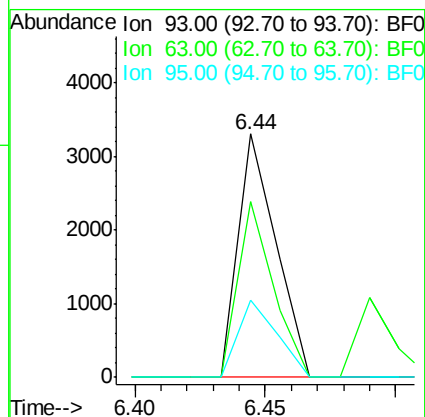
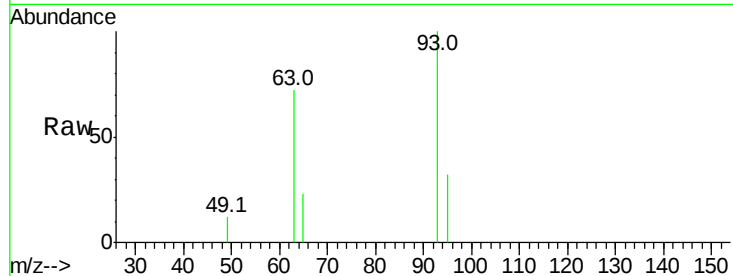
#11
bis(2-Chloroethyl)ether
Concen: 0.66 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion: 93 Resp: 3369
Ion Ratio Lower Upper
93 100
63 72.0 67.6 107.6
95 31.6 12.5 52.5

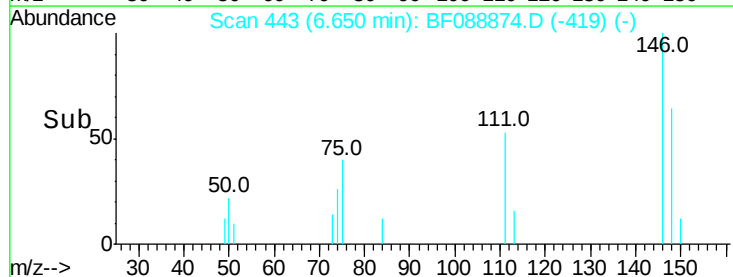
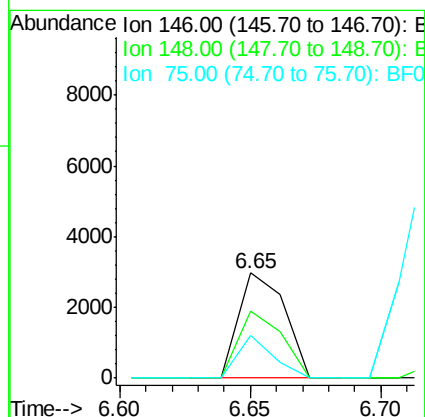
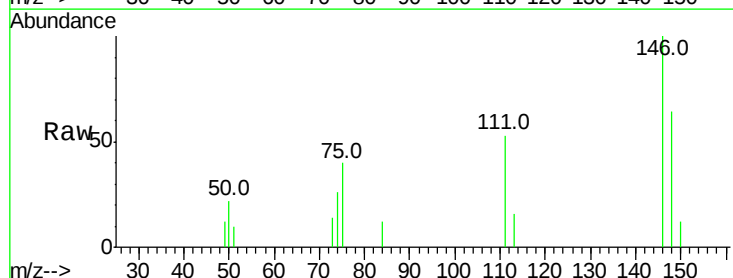
Manual Integrations

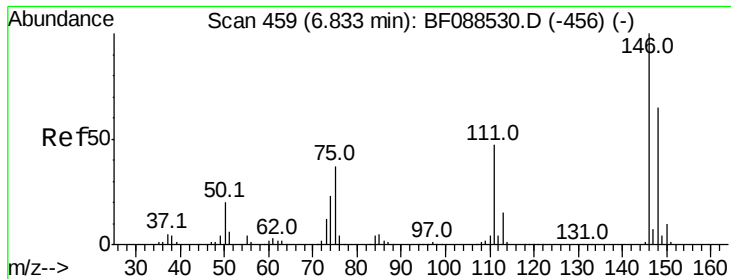
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#12
1,3-Dichlorobenzene
Concen: 0.67 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion: 146 Resp: 3672
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 40.3 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 0.65 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:146 Resp: 3548

Ion Ratio Lower Upper

146 100

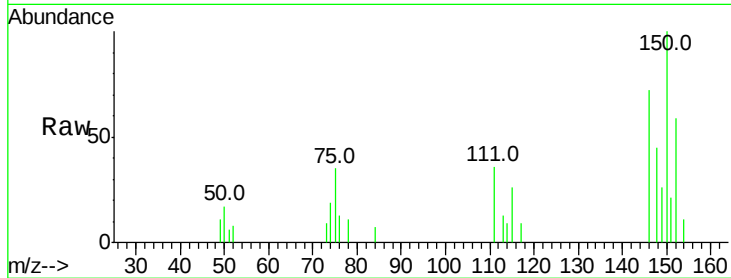
148 62.8 52.0 78.0

111 50.6 33.8 50.8

Manual Integrations

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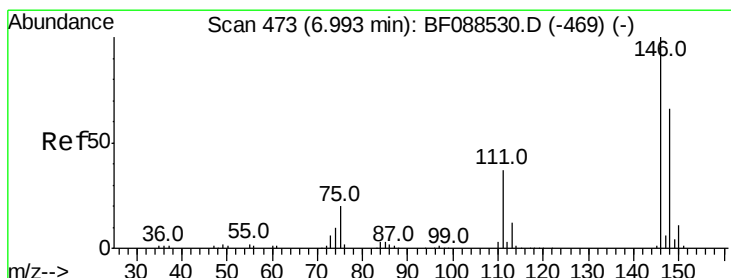
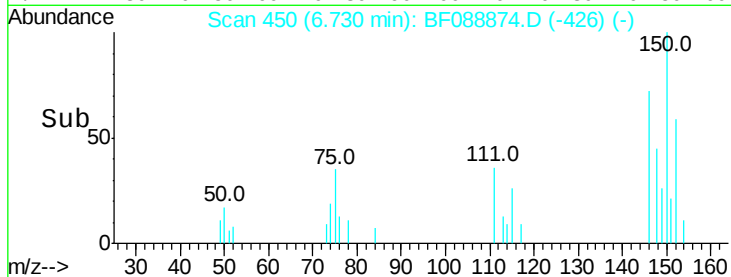
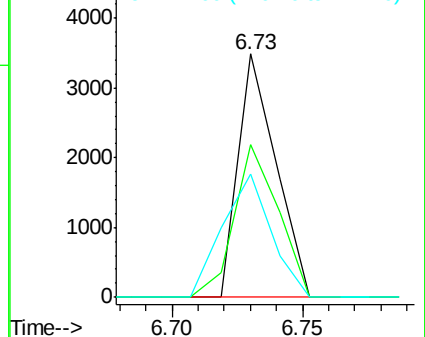
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.69 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

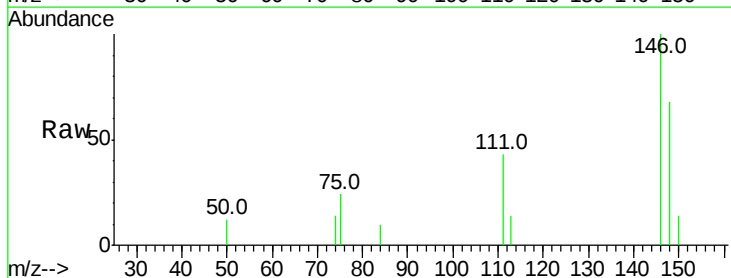
Tgt Ion:146 Resp: 3509

Ion Ratio Lower Upper

146 100

148 67.5 52.3 78.5

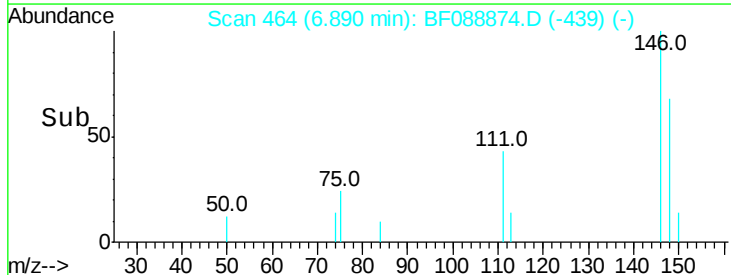
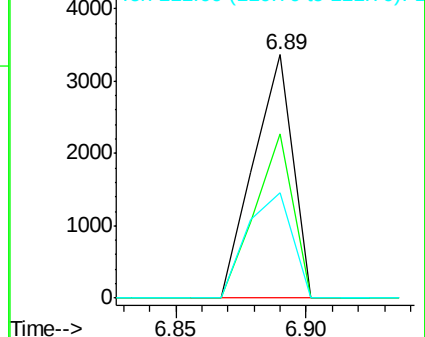
111 43.4 28.7 43.1#

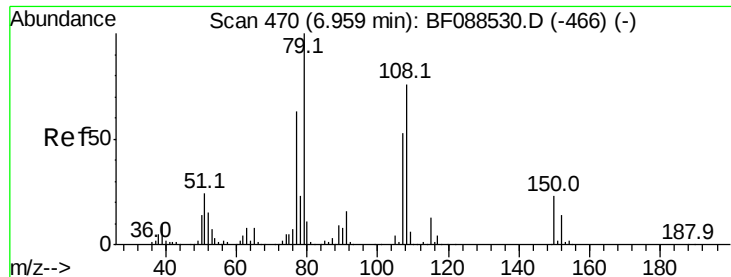


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.70 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion: 79 Resp: 3101

Ion Ratio Lower Upper

79 100

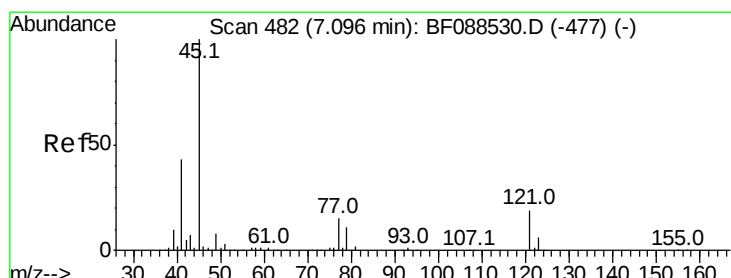
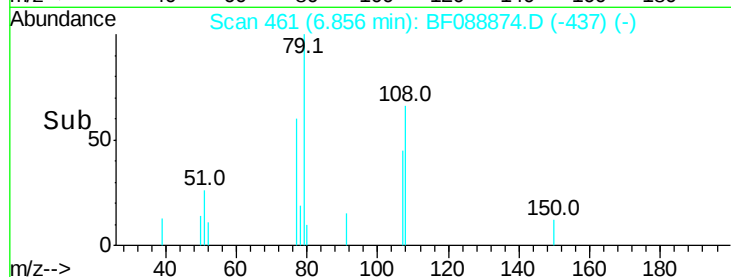
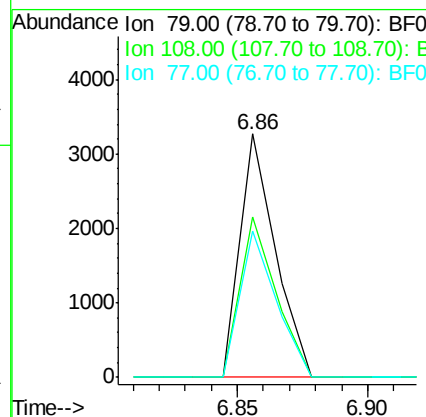
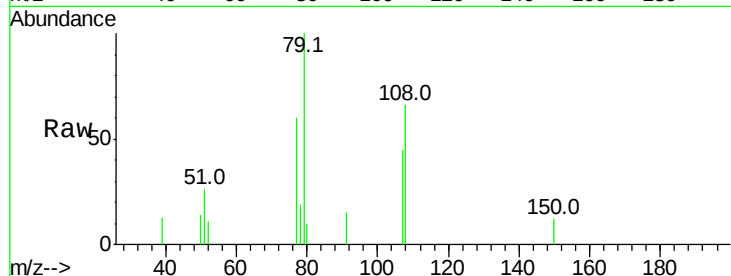
108 66.1 65.0 97.6

77 60.4 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 0.56 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

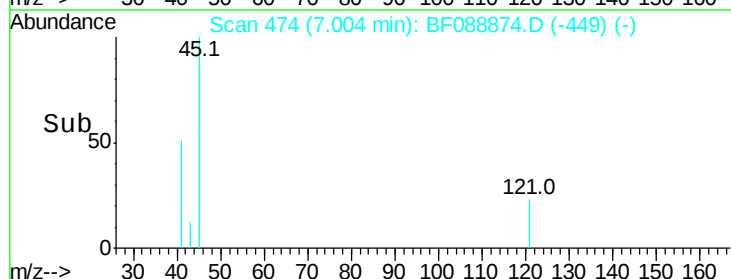
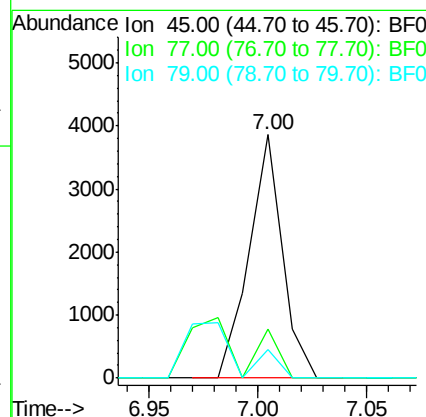
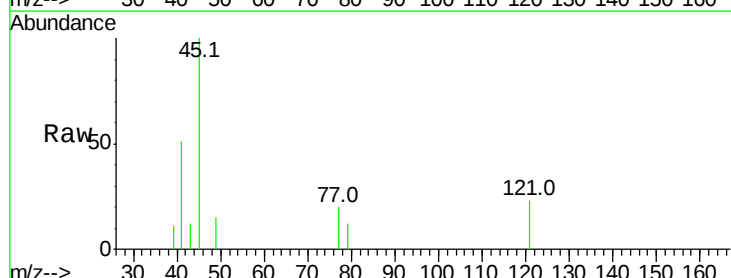
Tgt Ion: 45 Resp: 4116

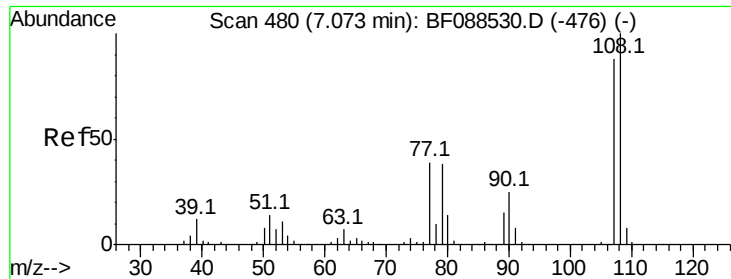
Ion Ratio Lower Upper

45 100

77 20.3 0.0 32.5

79 12.0 0.0 29.5





#17

2-Methylphenol

Concen: 0.64 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:107 Resp: 2614

Ion Ratio Lower Upper

107 100

108 106.8 90.9 136.3

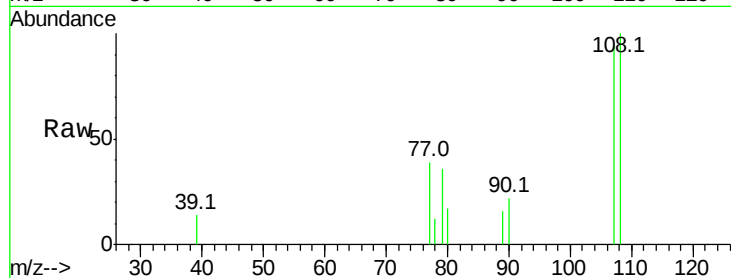
77 41.4 36.6 55.0

79 38.0 36.5 54.7

Manual Integrations

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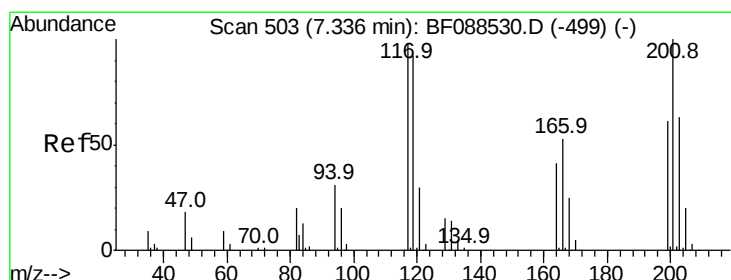
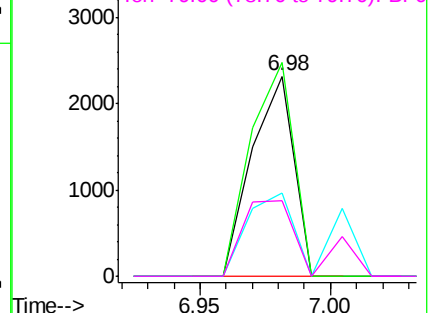
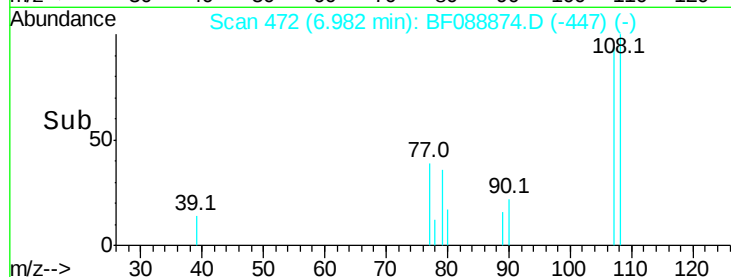


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 0.66 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

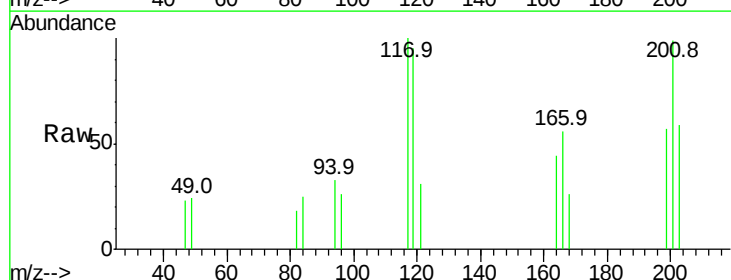
Tgt Ion:117 Resp: 1394

Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.2

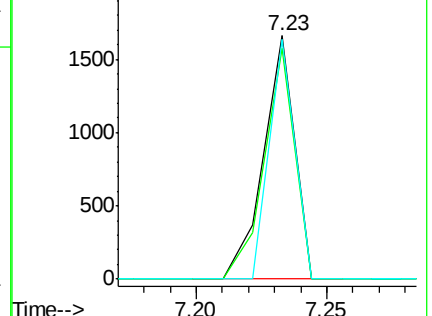
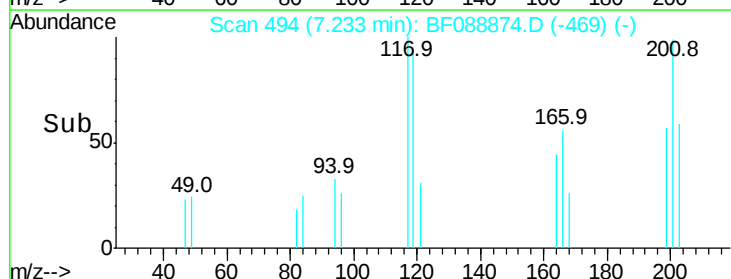
201 98.6 80.4 120.6

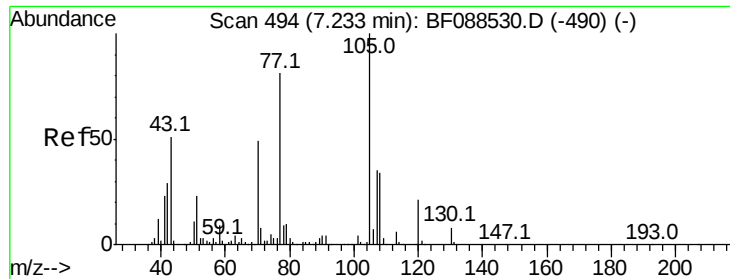


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





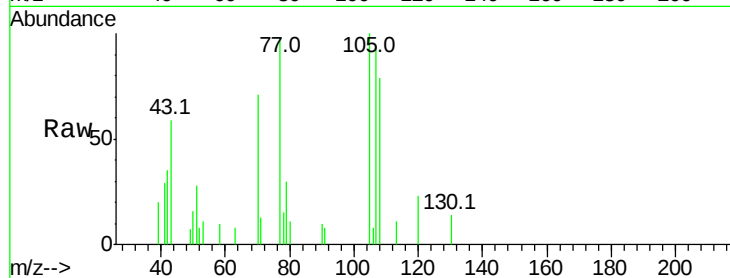
#19
n-Nitroso-di-n-propylamine
Concen: 0.66 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

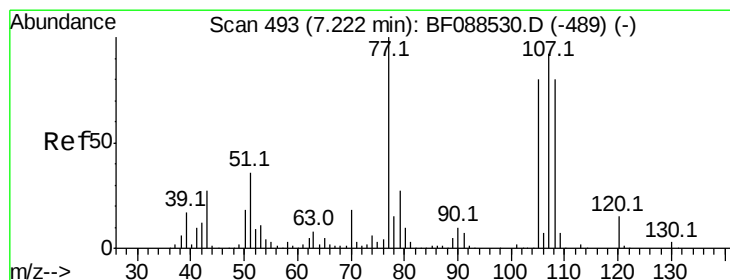
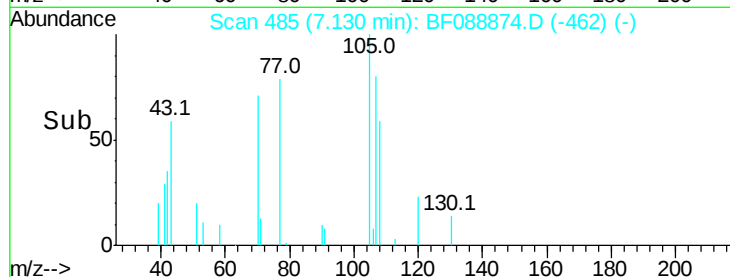
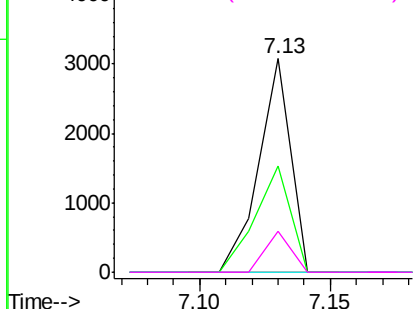
Tot Ion: 70 Resp: 2637
Ion Ratio Lower Upper
70 100
42 49.8 49.6 74.4
101 0.0 7.1 10.7#
130 19.3 15.4 23.2

Manual Integrations

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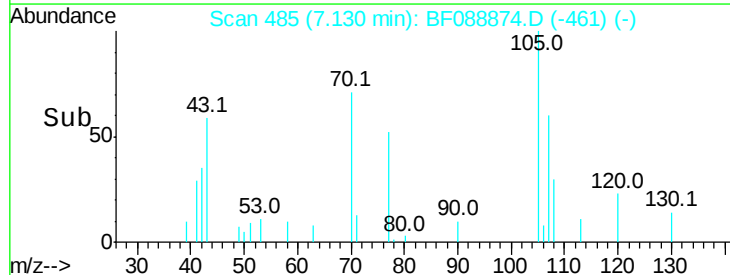
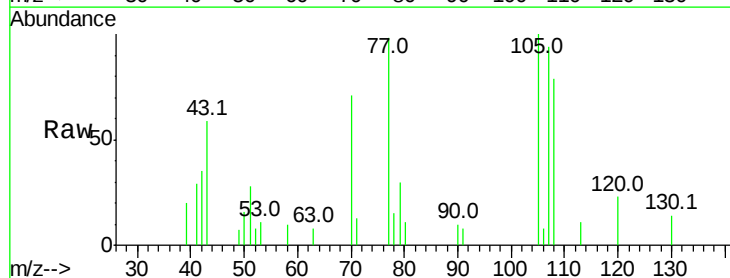
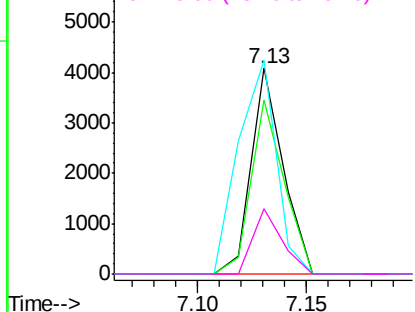
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

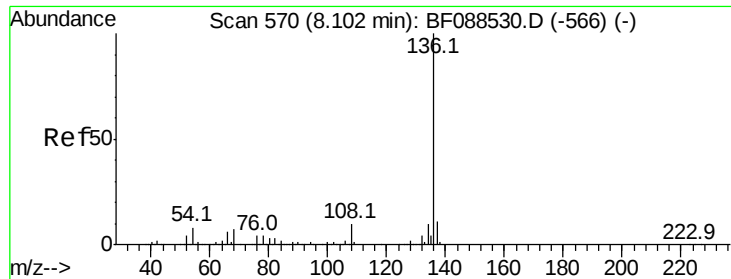


#20
3+4-Methylphenols
Concen: 0.85 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:107 Resp: 4150
Ion Ratio Lower Upper
107 100
108 84.6 67.8 107.8
77 103.9 59.3 99.3#
79 31.8 7.0 47.0

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088874.D

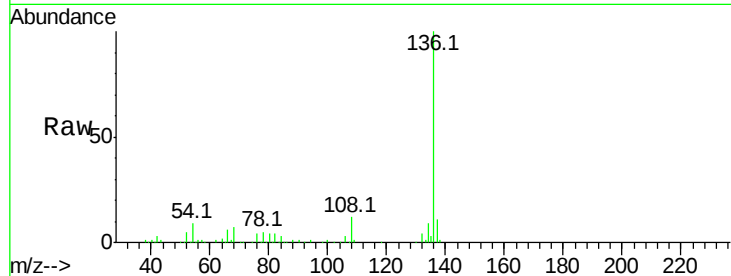
Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS



Tot Ion:136 Resp: 264028

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

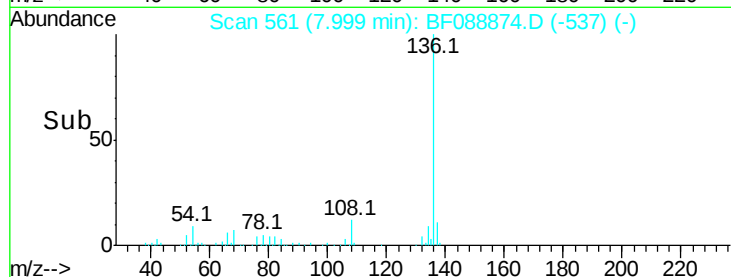
54 8.6 6.6 10.0

68 6.8 5.1 7.7

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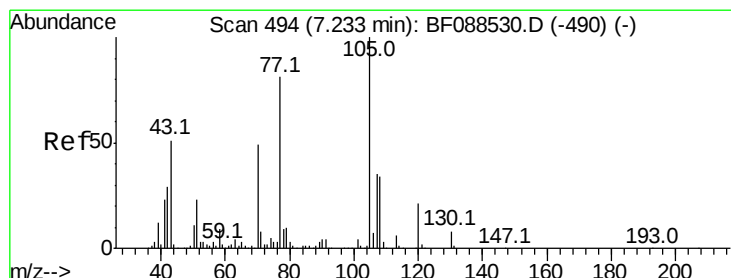
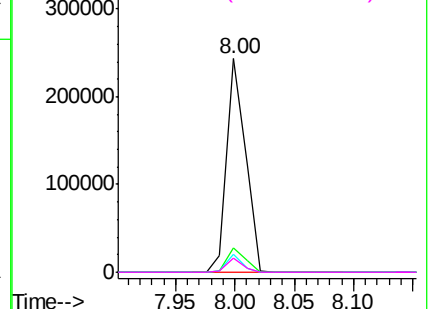


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

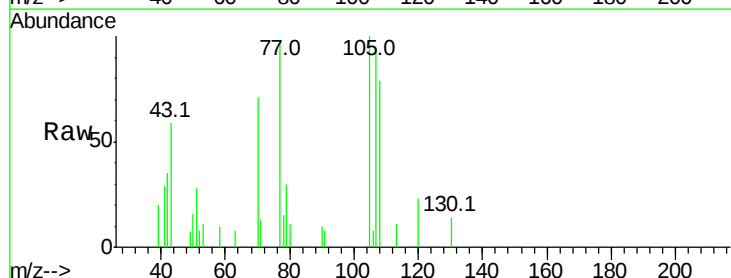
Concen: 0.79 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38



Tgt Ion:105 Resp: 5046

Ion Ratio Lower Upper

105 100

71 13.2 5.3 7.9#

51 28.3 18.2 27.4#

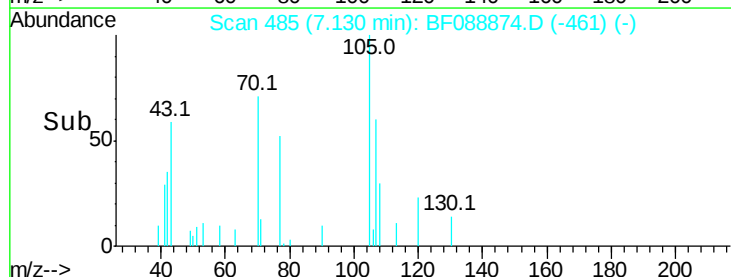
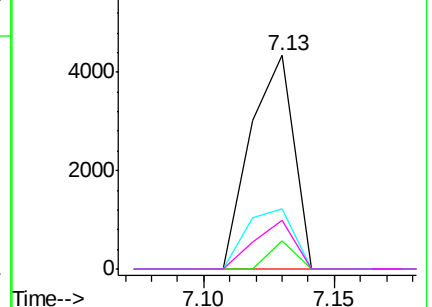
120 22.6 18.0 27.0

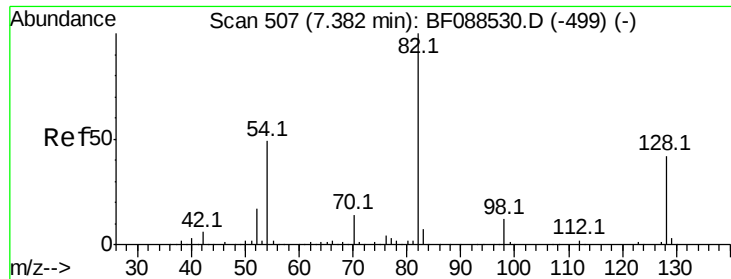
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





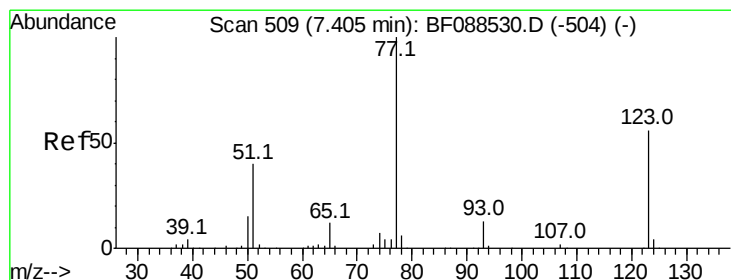
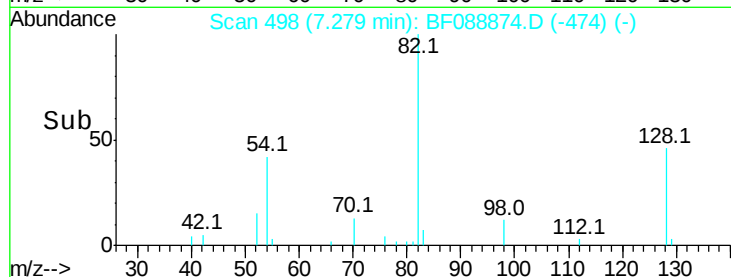
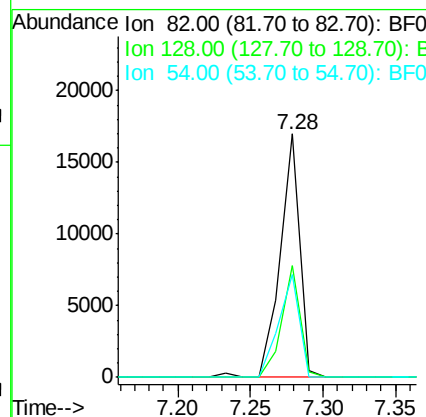
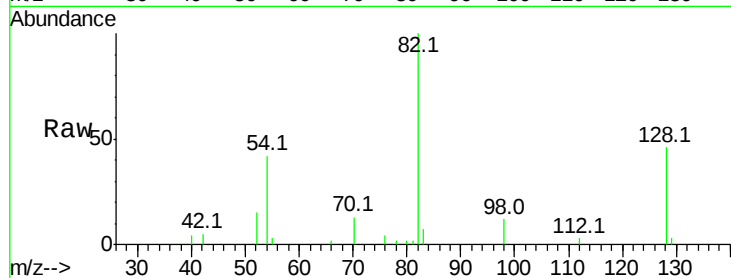
#23
 Nitrobenzene-d5
 Concen: 3.16 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion: 82 Resp: 15942
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.9 53.9
 54 42.3 40.9 61.3

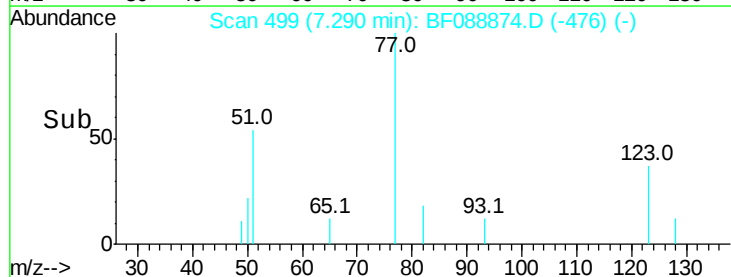
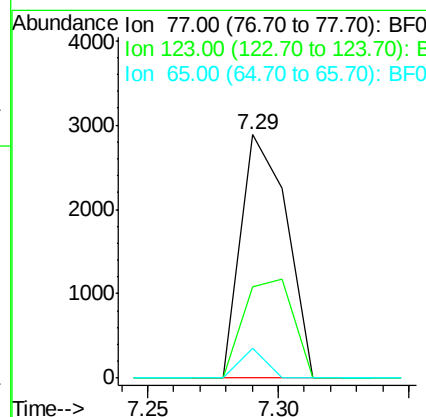
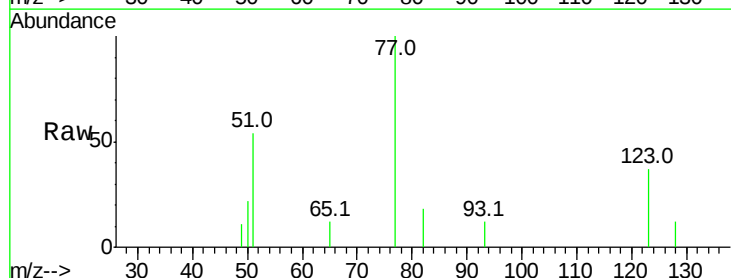
Manual Integrations

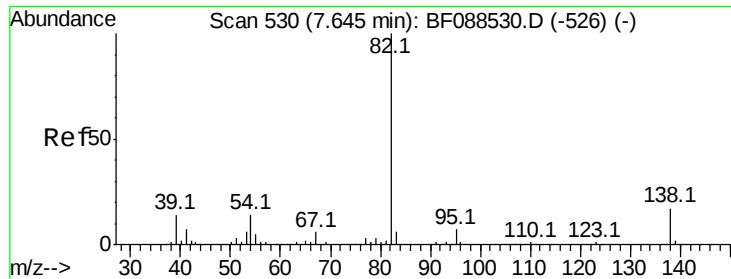
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#24
 Nitrobenzene
 Concen: 0.69 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion: 77 Resp: 3527
 Ion Ratio Lower Upper
 77 100
 123 37.3 45.0 67.4#
 65 12.5 10.2 15.2





#25

Isophorone

Concen: 0.71 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion: 82 Resp: 6635

Ion Ratio Lower Upper

82 100

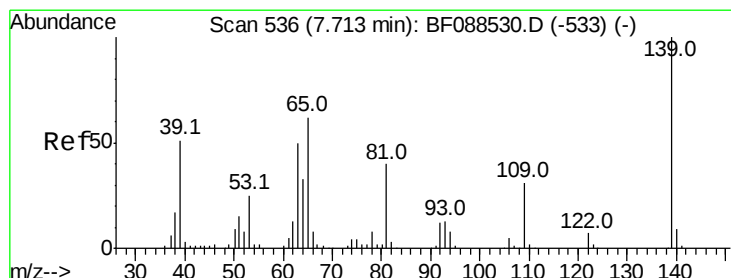
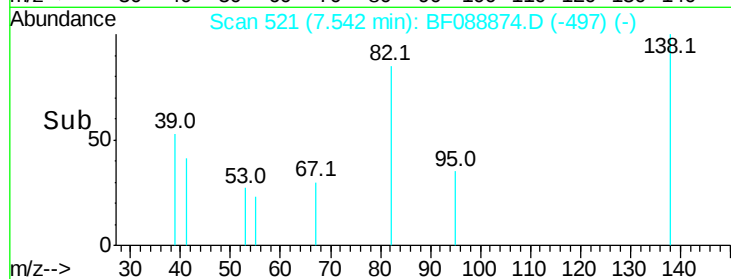
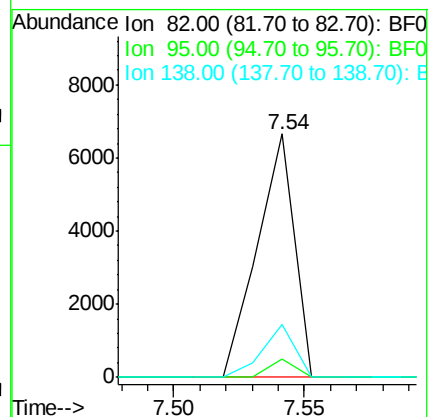
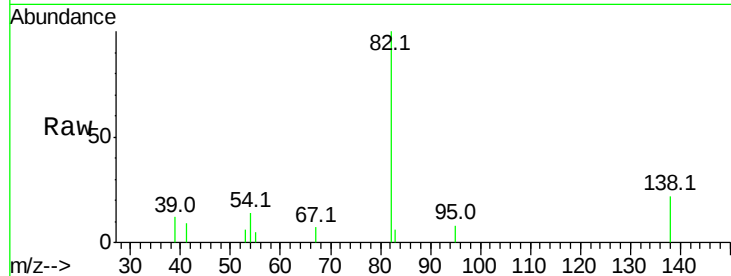
95 7.7 5.4 8.2

138 21.8 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 0.68 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

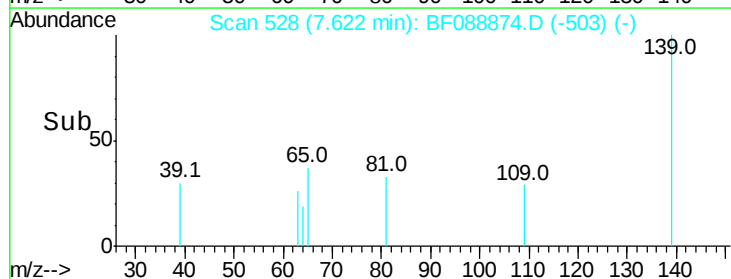
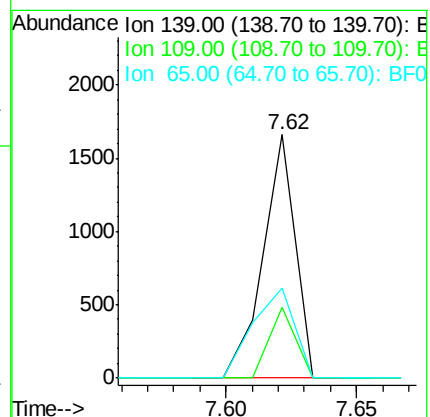
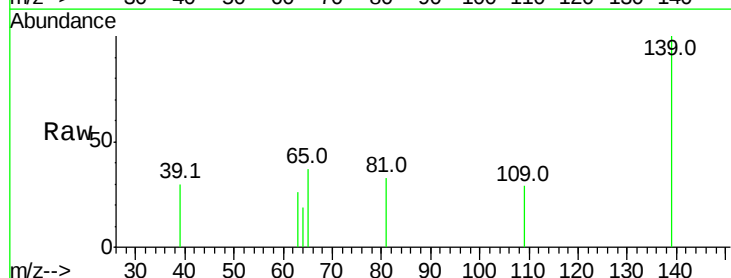
Tgt Ion: 139 Resp: 1411

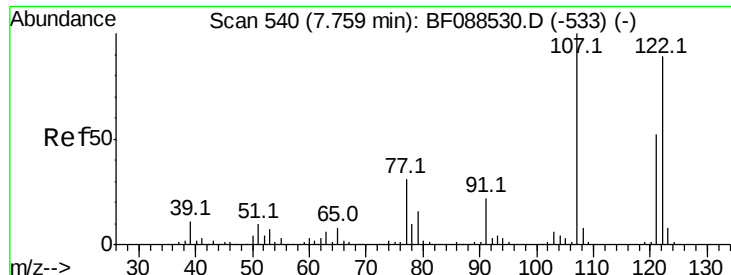
Ion Ratio Lower Upper

139 100

109 28.9 23.0 34.4

65 37.0 45.8 68.8#





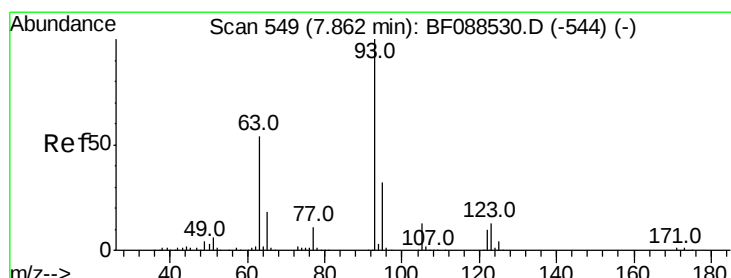
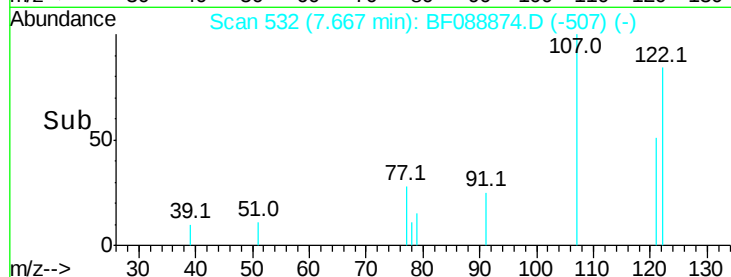
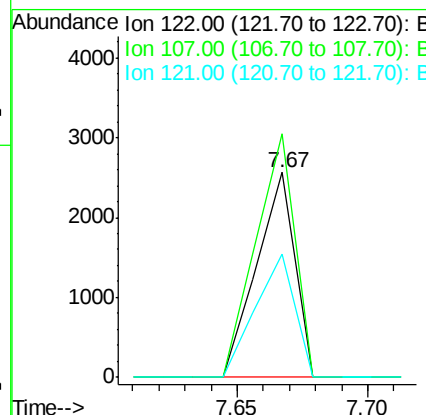
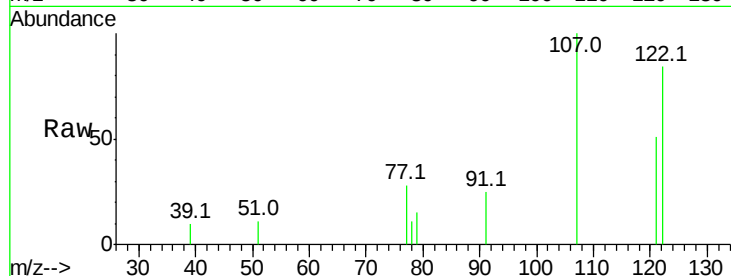
#27
 2,4-Dimethylphenol
 Concen: 0.60 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	82.4	123.6
121	60.5	46.3	69.5

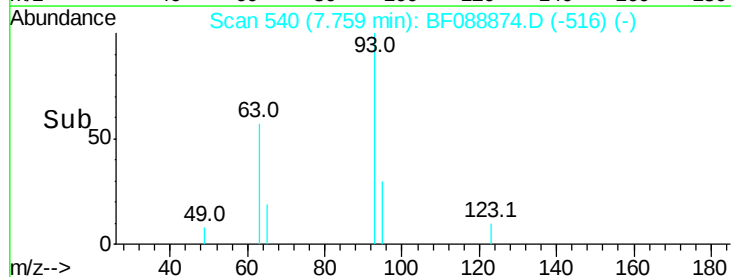
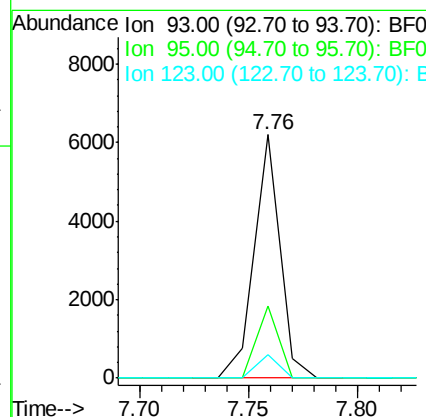
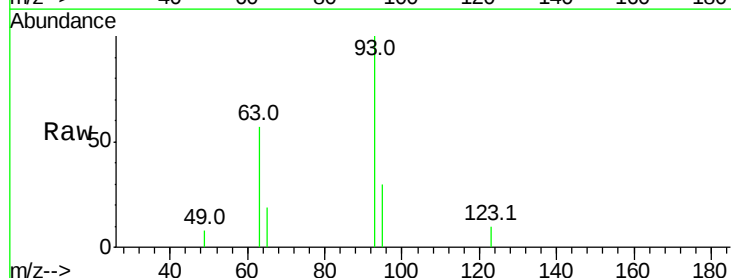
Manual Integrations

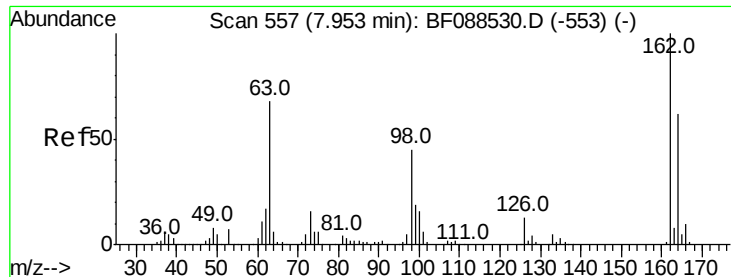
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#28
 bis(2-Chloroethoxy)methane
 Concen: 0.84 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.8	26.5	39.7
123	9.8	11.6	17.4#





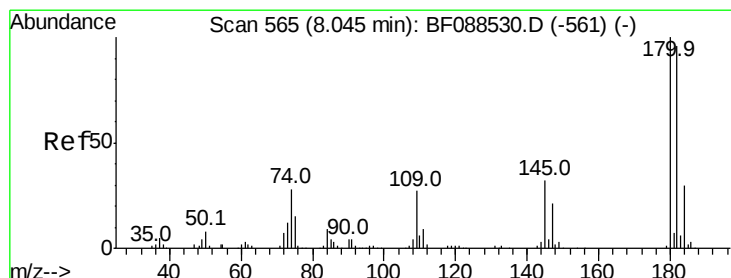
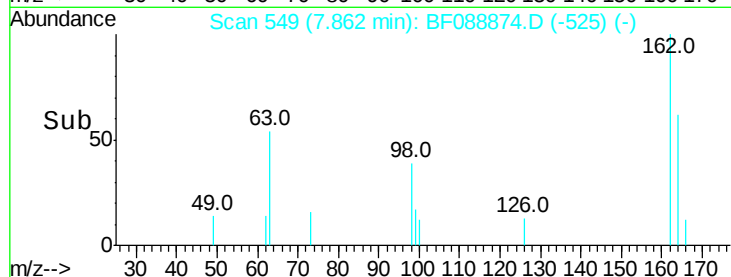
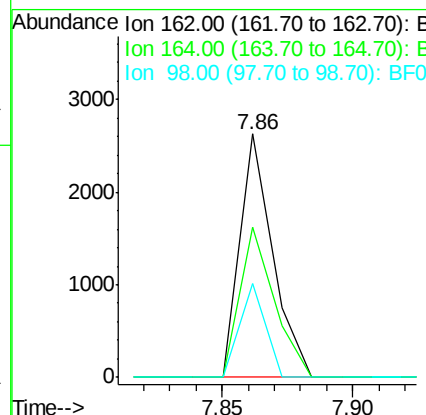
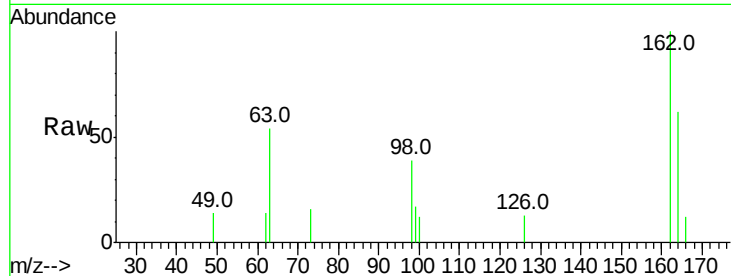
#29
 2,4-Dichlorophenol
 Concen: 0.66 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion:	162	Resp:	2315
Ion Ratio	Lower	Upper	
162	100		
164	61.8	43.8	83.8
98	38.8	21.3	61.3

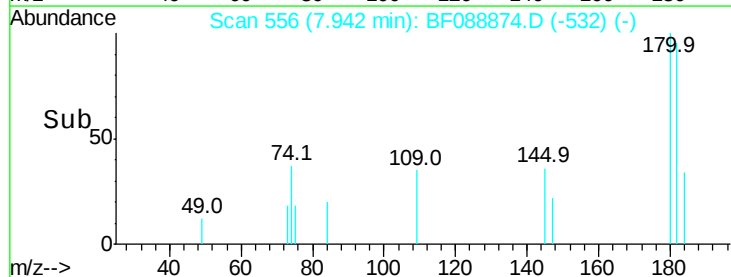
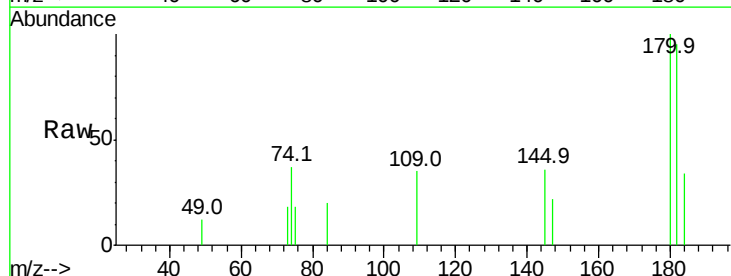
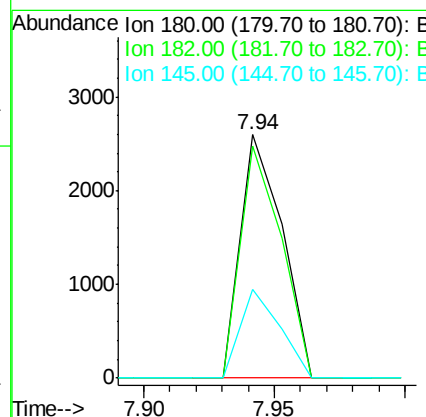
Manual Integrations

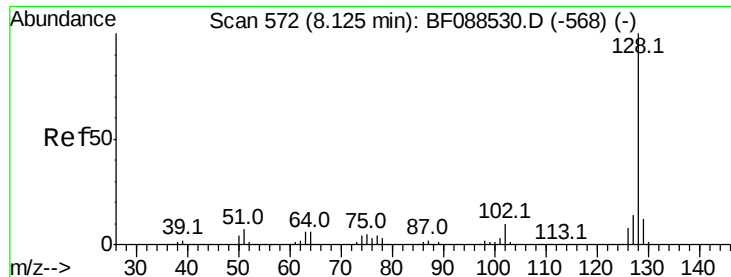
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#30
 1,2,4-Trichlorobenzene
 Concen: 0.76 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion:	180	Resp:	2908
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.0	114.0
145	36.5	26.5	39.7





#31

Naphthalene

Concen: 0.87 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

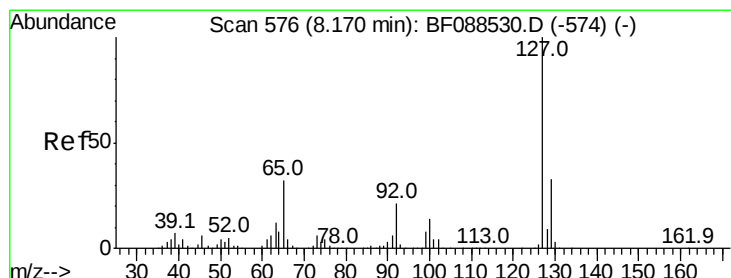
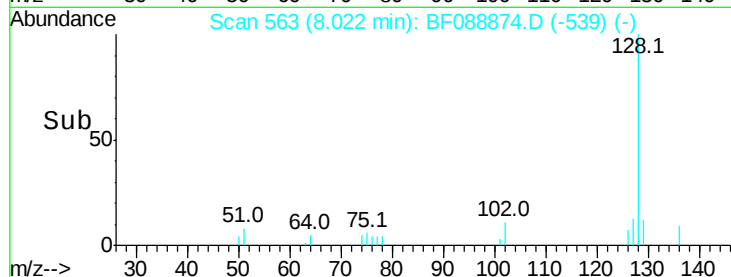
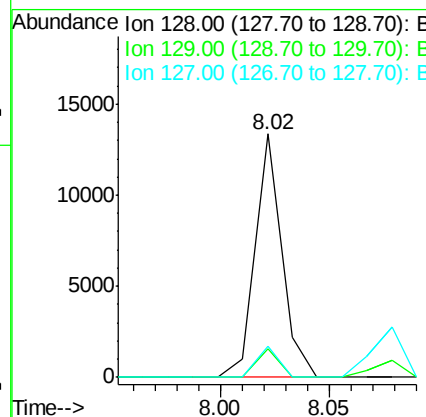
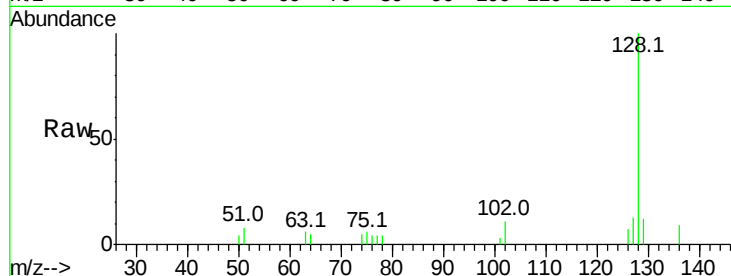
P001-DS001-01MS

Tot Ion:	128	Resp:	11381
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.4	14.2
127	12.9	10.9	16.3

Manual Integrations

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#33

4-Chloroaniline

Concen: 0.47 ng

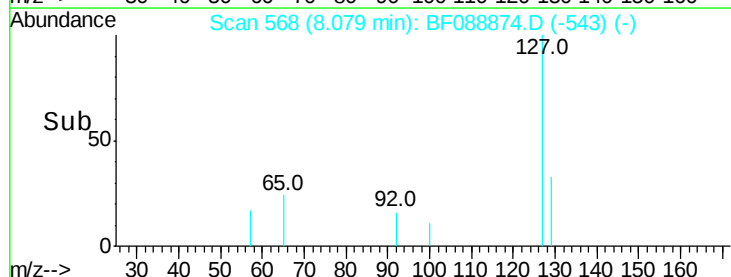
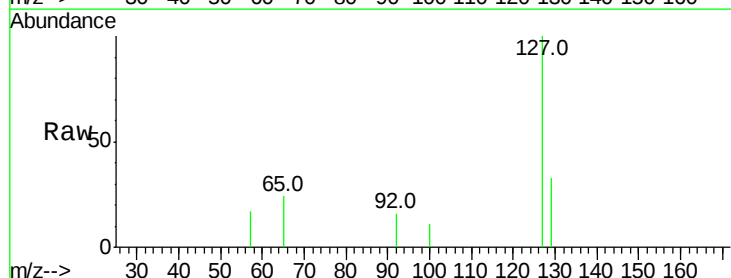
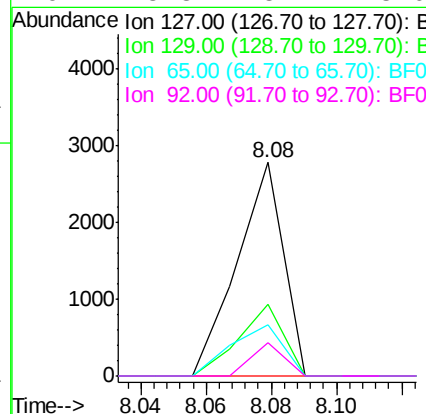
RT: 8.08 min Scan# 568

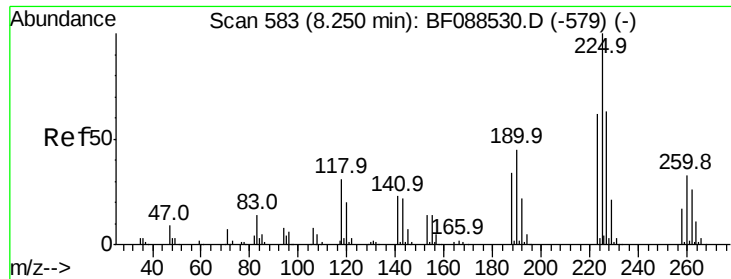
Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:	127	Resp:	2707
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.3	39.5
65	24.2	24.7	37.1#
92	15.8	15.4	23.0





#34

Hexachlorobutadiene

Concen: 0.83 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:225 Resp: 1710

Ion Ratio Lower Upper

225 100

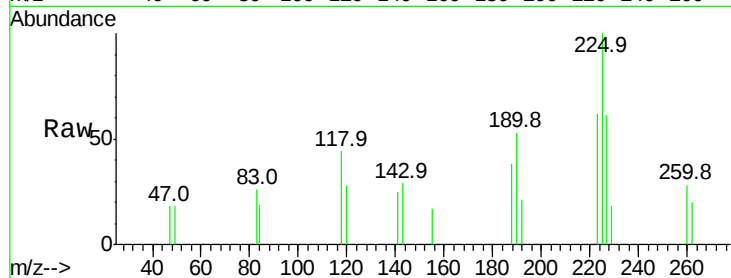
223 62.0 50.9 76.3

227 61.1 51.9 77.9

Manual Integrations

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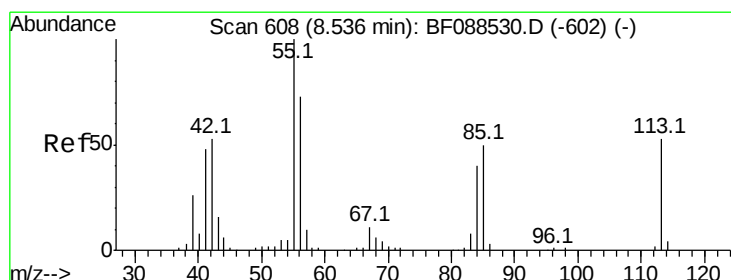
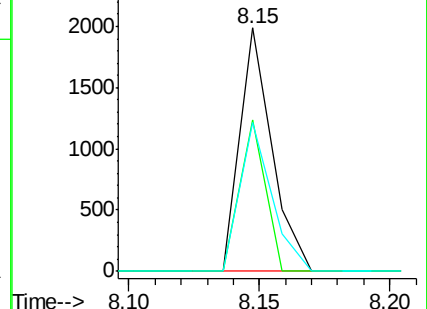
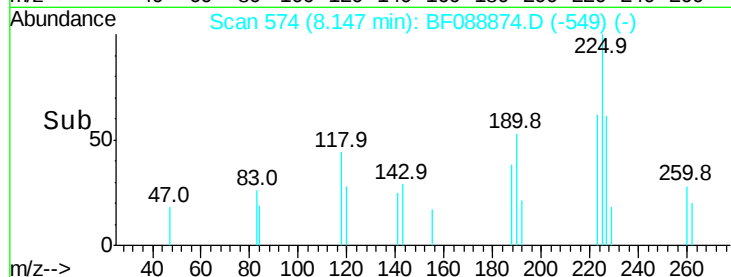
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.50 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.08 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

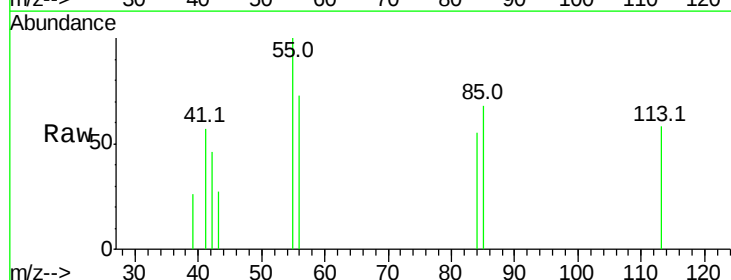
Tgt Ion:113 Resp: 593

Ion Ratio Lower Upper

113 100

55 171.4 158.6 198.6

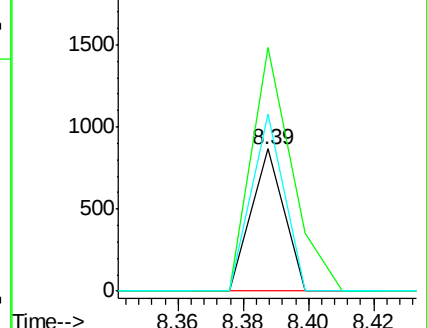
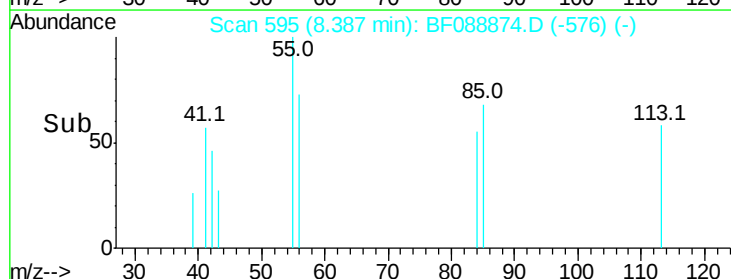
56 125.1 110.6 150.6

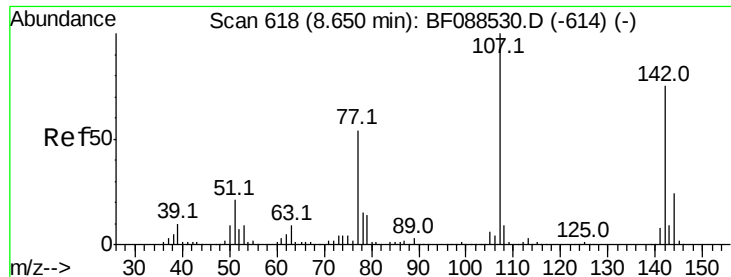


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





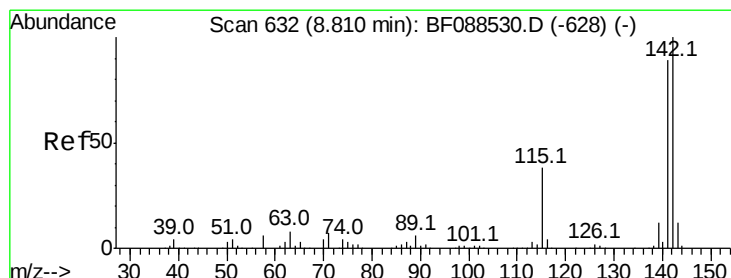
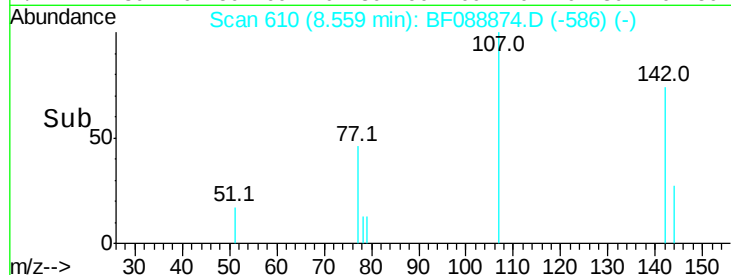
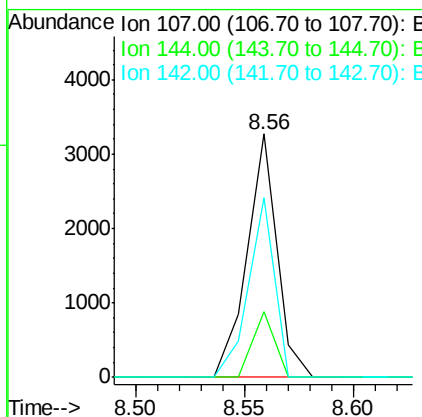
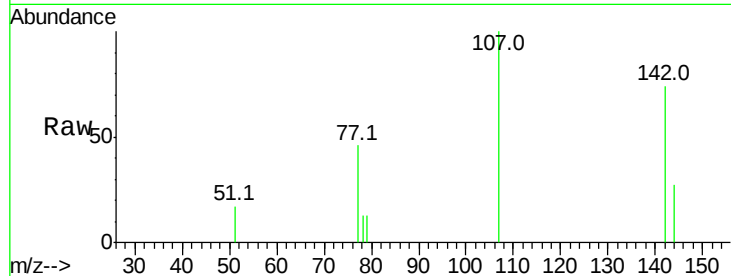
#36
4-Chloro-3-methylphenol
Concen: 0.76 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:107 Resp: 3133
Ion Ratio Lower Upper
107 100
144 27.1 20.8 31.2
142 73.7 63.4 95.2

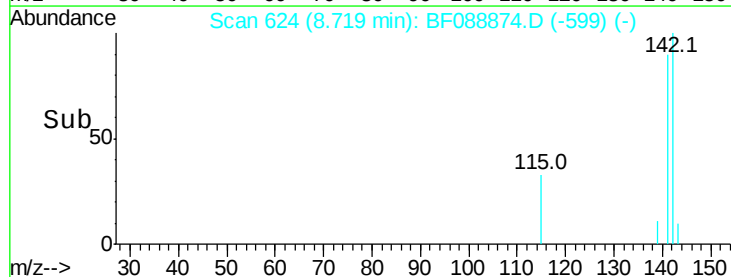
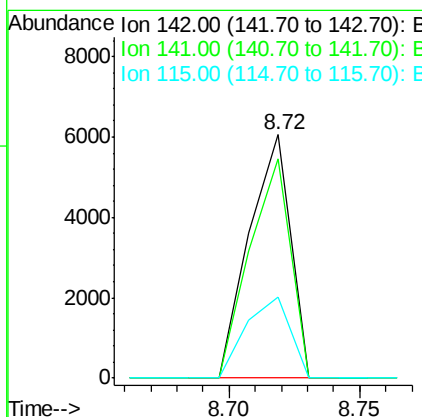
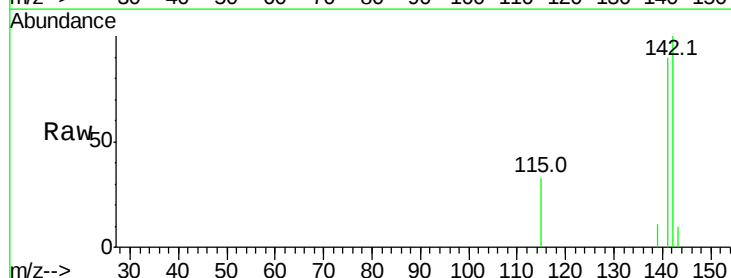
Manual Integrations

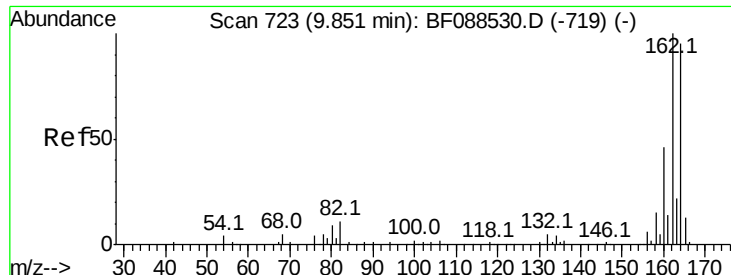
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#37
2-Methylnaphthalene
Concen: 0.79 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:142 Resp: 6635
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.6
115 33.1 22.6 33.8





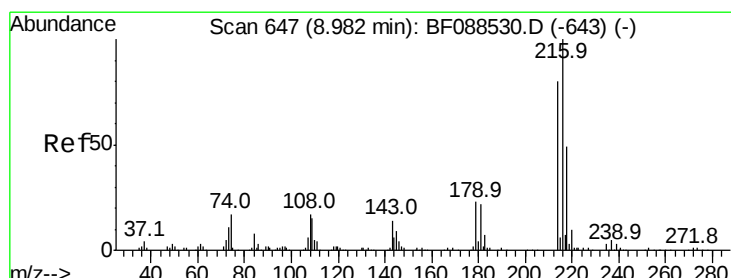
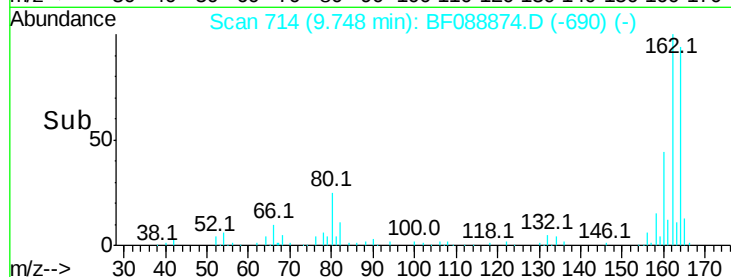
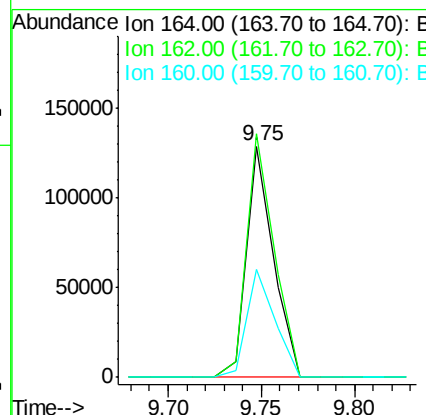
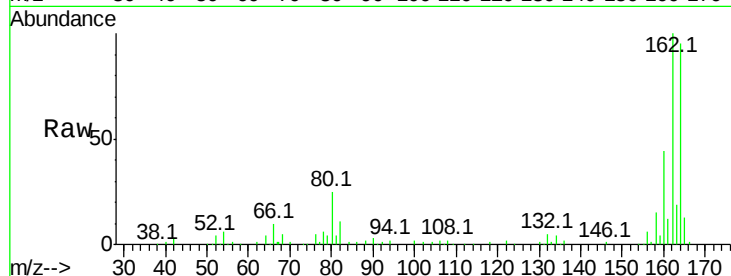
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	46.8	39.5	59.3

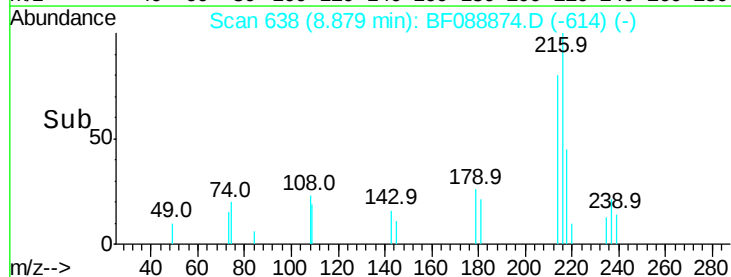
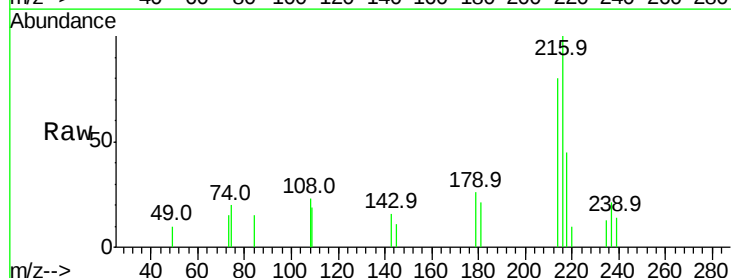
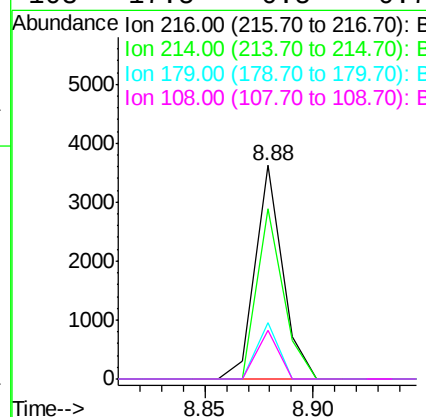
Manual Integrations

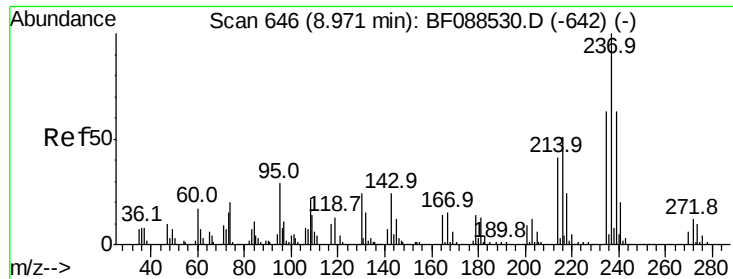
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.74 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	2.9	4.3#
179	20.5	0.0	0.0#
108	17.5	0.5	0.7#





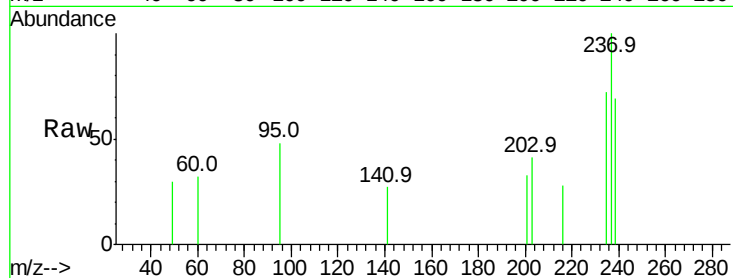
#40
Hexachlorocyclopentadiene
Concen: 0.62 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

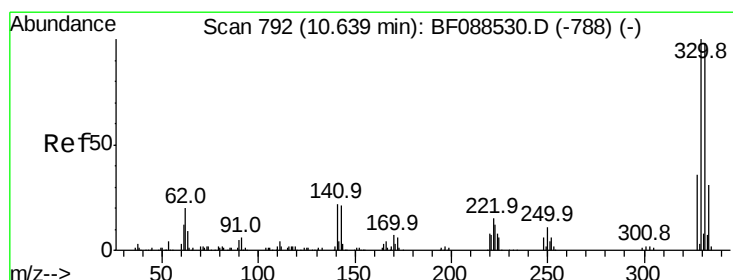
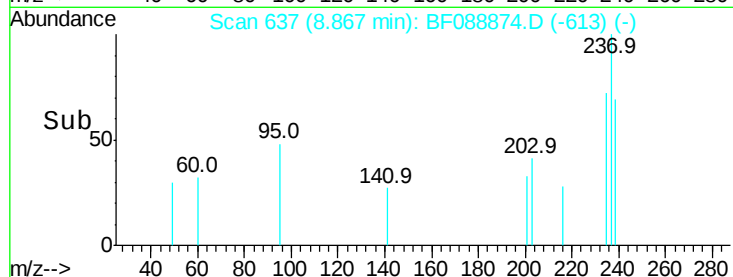
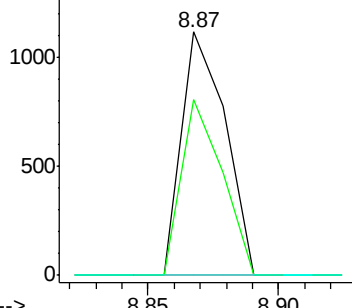
Tot Ion:237 Resp: 1299
Ion Ratio Lower Upper
237 100
235 72.2 43.4 83.4
272 0.0 0.0 32.3

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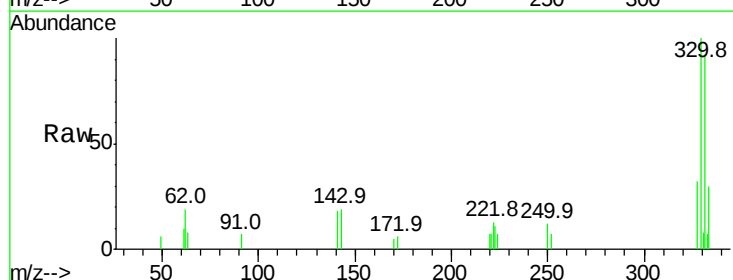


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

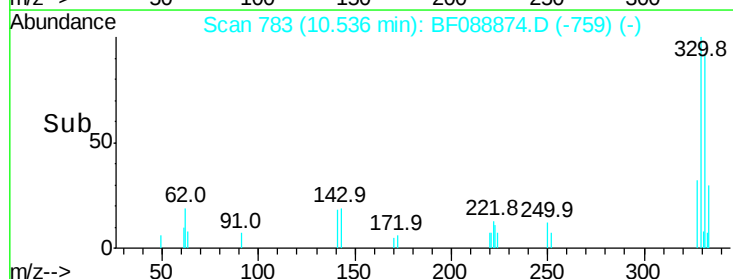
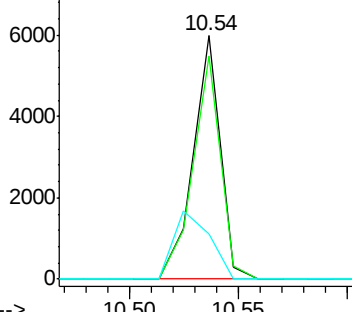


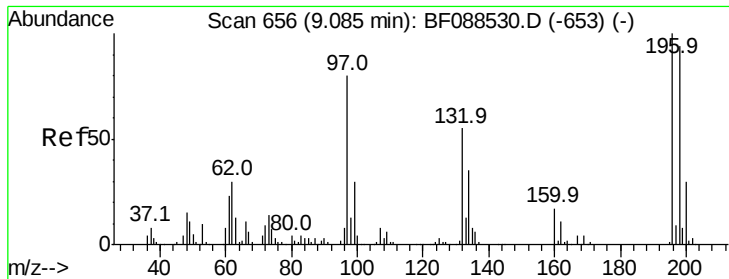
#41
2,4,6-Tribromophenol
Concen: 4.31 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:330 Resp: 5168
Ion Ratio Lower Upper
330 100
332 93.2 0.0 0.0#
141 36.9 0.0 0.0#



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





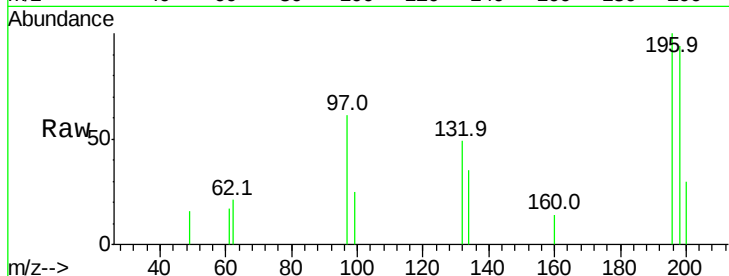
#42
 2,4,6-Trichlorophenol
 Concen: 0.61 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

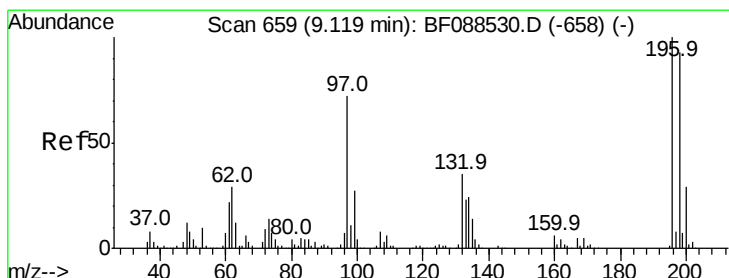
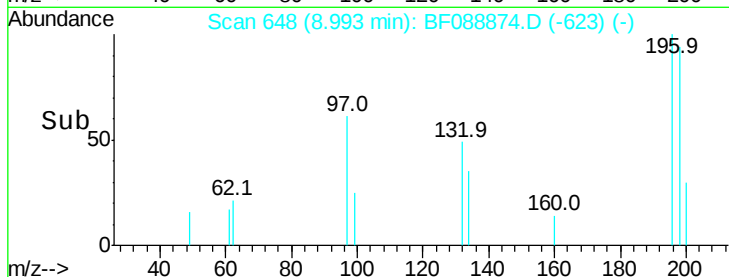
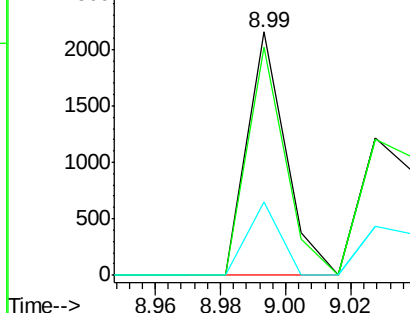
Tot Ion:196 Resp: 1734
 Ion Ratio Lower Upper
 196 100
 198 93.5 78.0 117.0
 200 30.3 25.4 38.2

Manual Integrations

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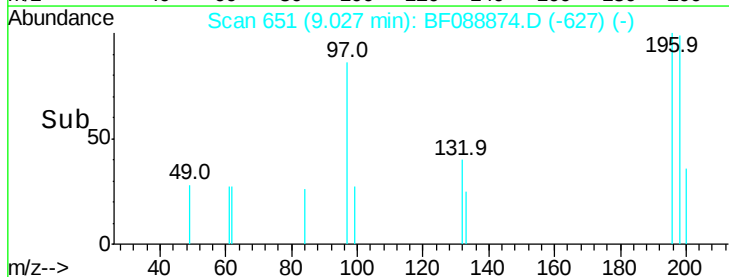
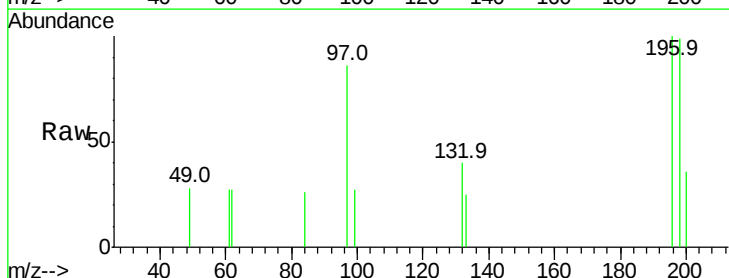
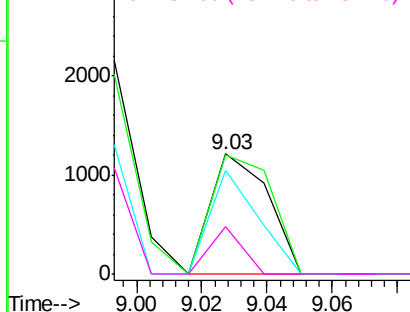
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

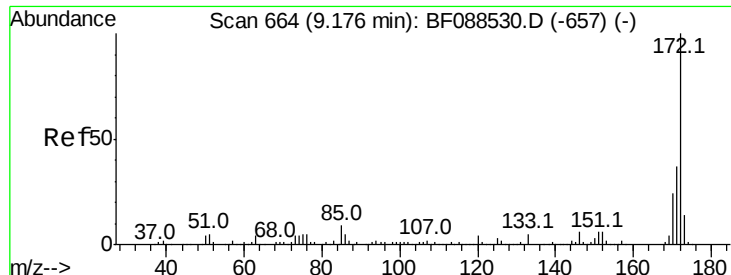


#43
 2,4,5-Trichlorophenol
 Concen: 0.60 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion:196 Resp: 1462
 Ion Ratio Lower Upper
 196 100
 198 99.3 77.5 116.3
 97 86.0 32.0 48.0#
 132 39.7 20.9 31.3#

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





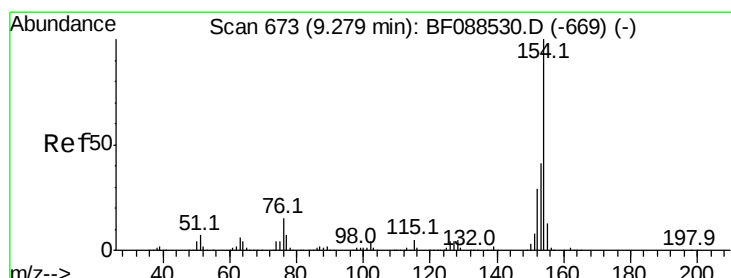
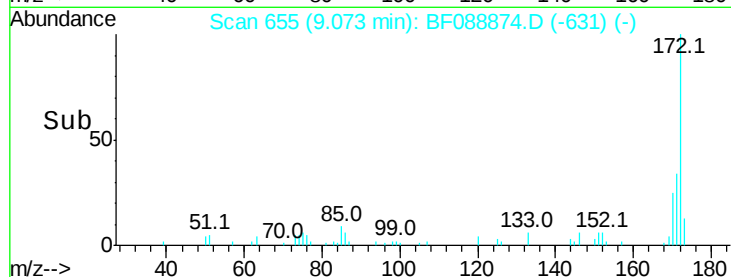
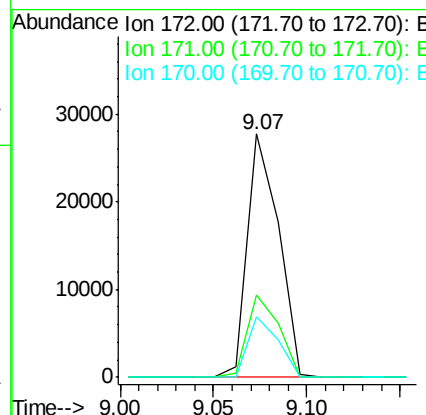
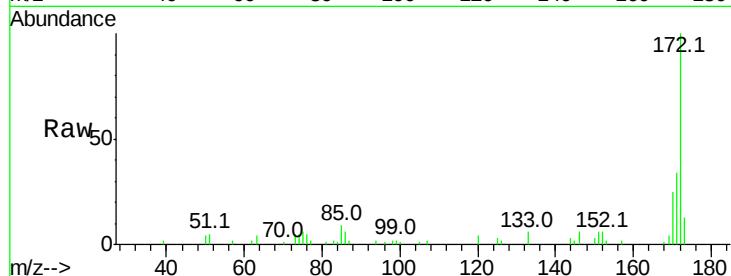
#44
 2-Fluorobiphenyl
 Concen: 3.95 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.6	43.0
170	24.6	19.2	28.8

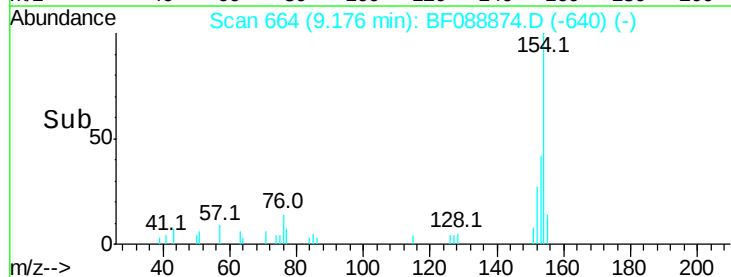
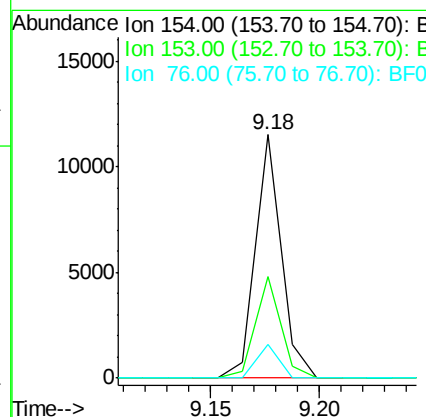
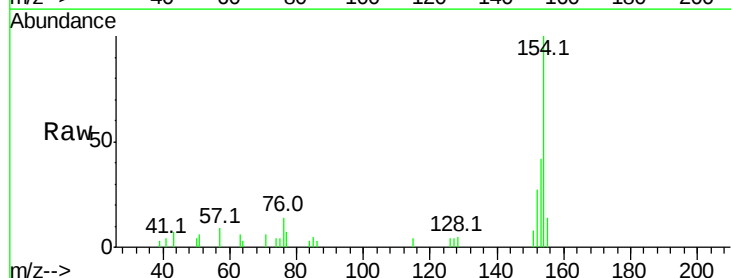
Manual Integrations

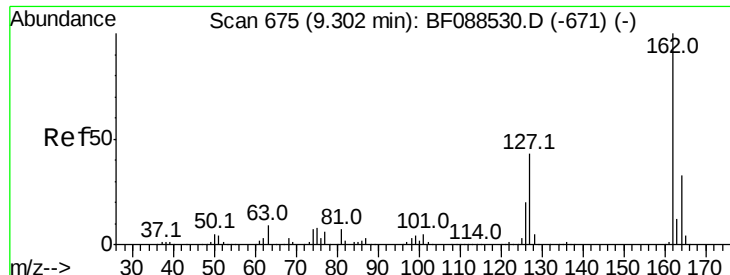
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#45
 1,1'-Biphenyl
 Concen: 0.89 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.6	60.6
76	13.6	0.0	35.1





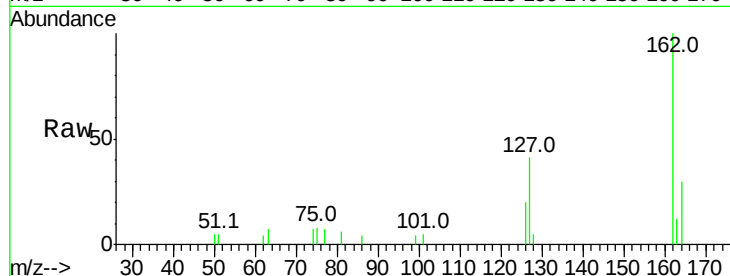
#46
2-Chloronaphthalene
Concen: 0.88 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

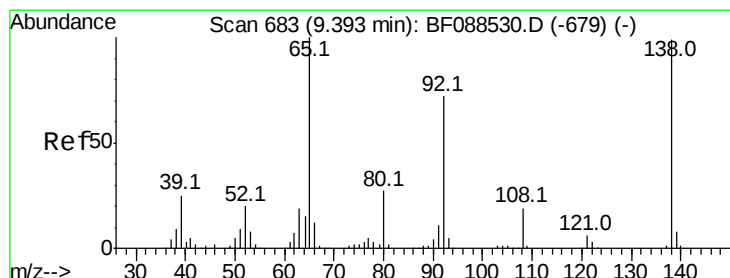
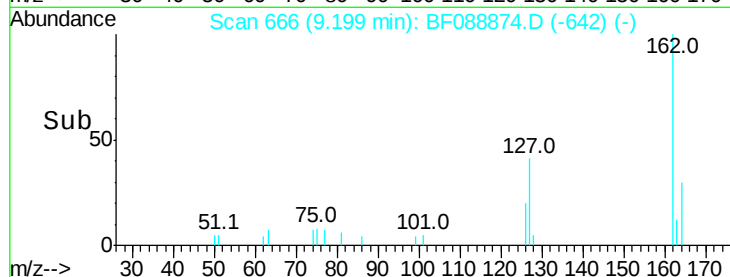
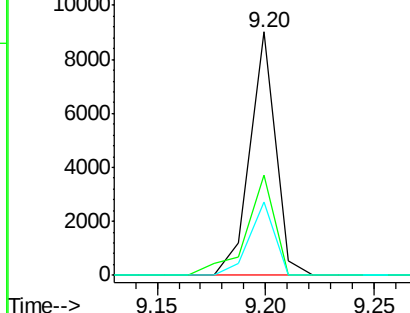
Tot Ion: 162 Resp: 7373
Ion Ratio Lower Upper
162 100
127 41.1 35.2 52.8
164 30.3 26.6 39.8

Manual Integrations

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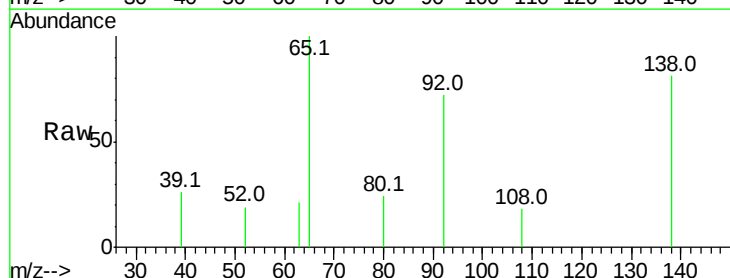


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

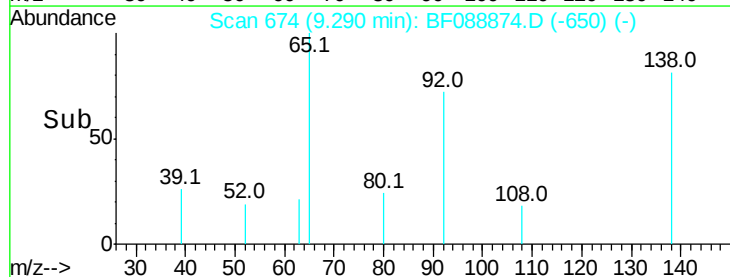
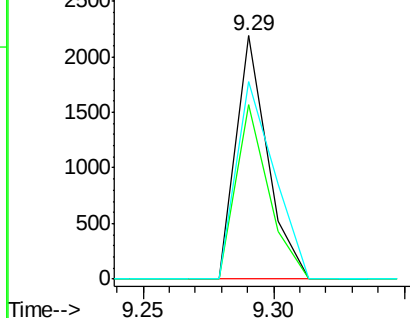


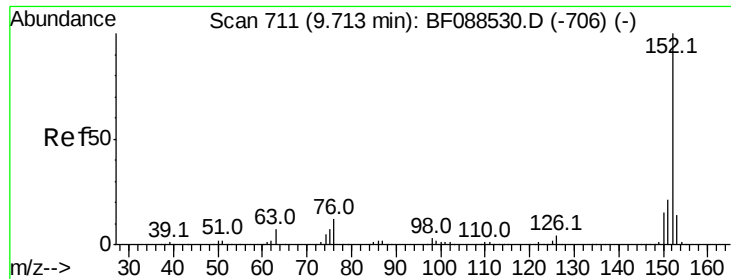
#47
2-Nitroaniline
Concen: 0.62 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion: 65 Resp: 1861
Ion Ratio Lower Upper
65 100
92 71.8 54.6 82.0
138 81.3 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





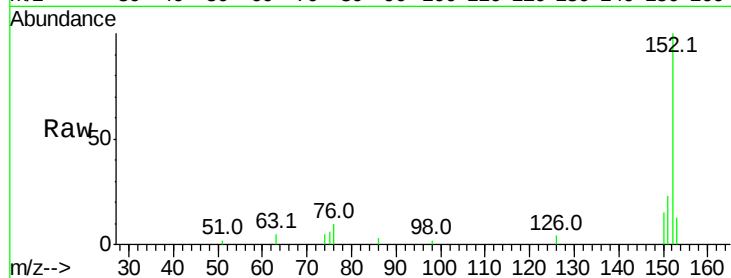
#48
Acenaphthylene
Concen: 0.84 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

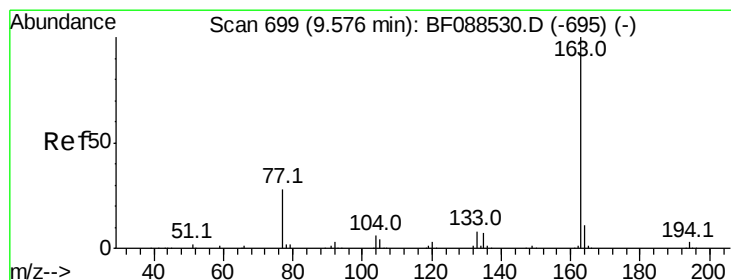
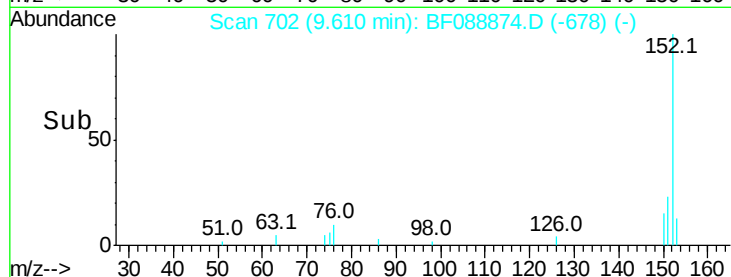
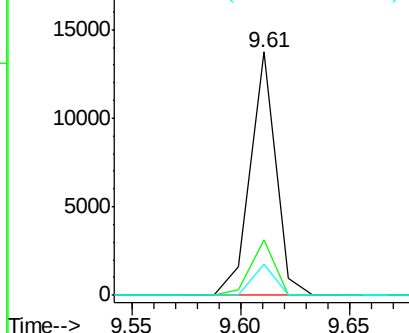
Tot Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.2	24.4
153	12.9	11.0	16.6

Manual Integrations

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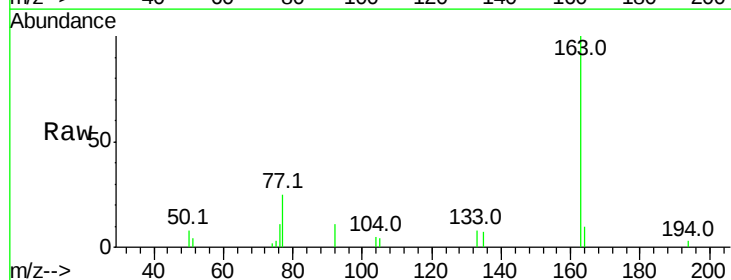


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

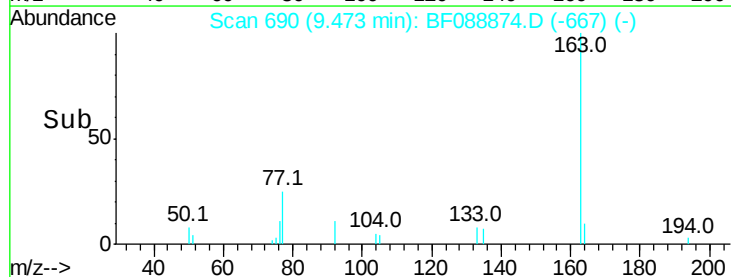
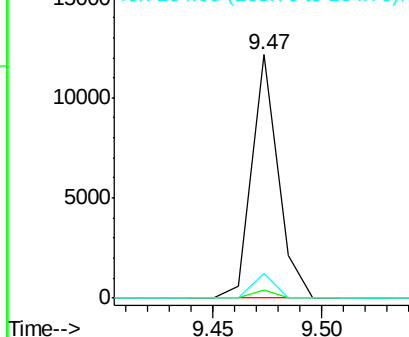


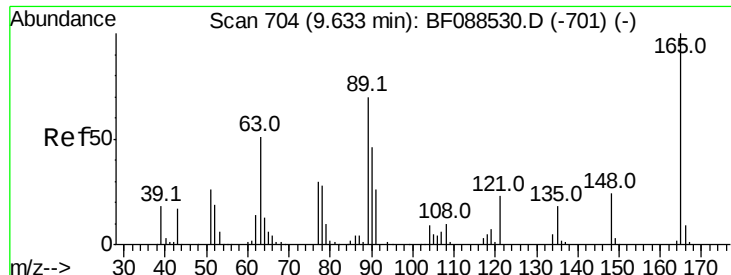
#49
Dimethylphthalate
Concen: 1.11 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.4	8.3	12.5



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





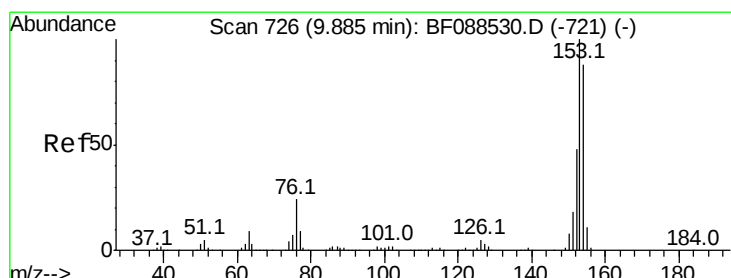
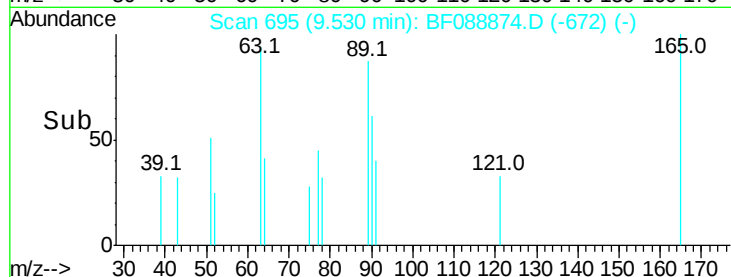
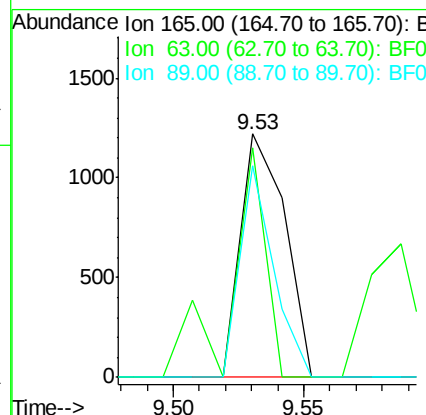
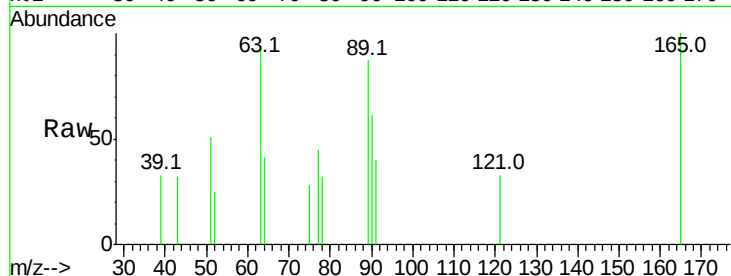
#50
2,6-Dinitrotoluene
Concen: 0.71 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	1455		
63	94.0	28.1	42.1#	
89	87.1	32.2	48.2#	

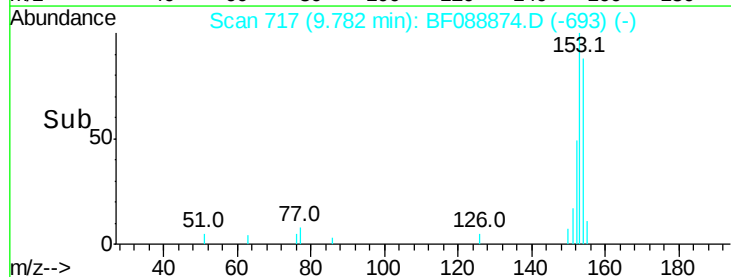
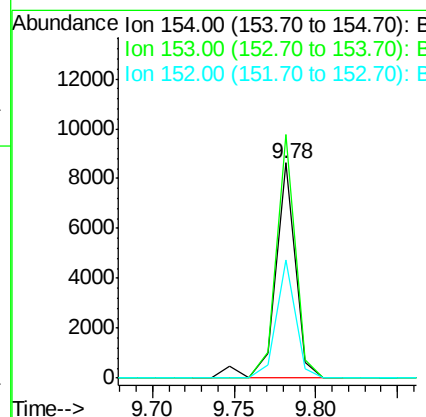
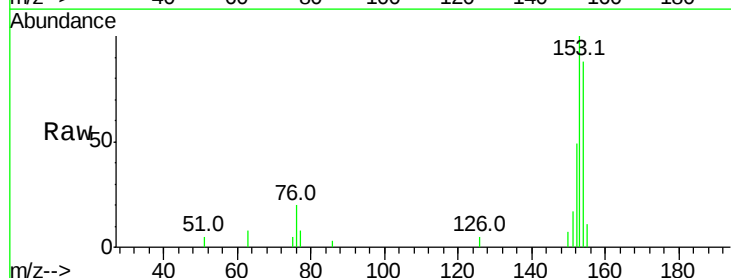
Manual Integrations

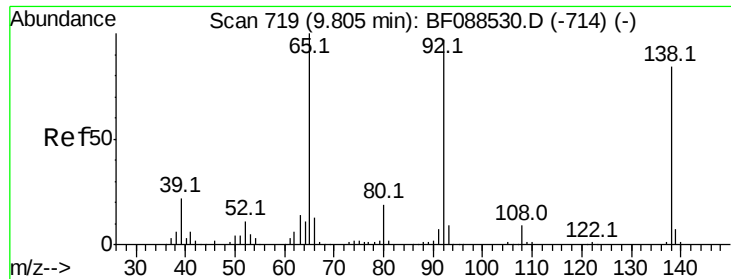
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#51
Acenaphthene
Concen: 0.90 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	7386		
153	113.1	89.5	134.3	
152	55.0	42.7	64.1	





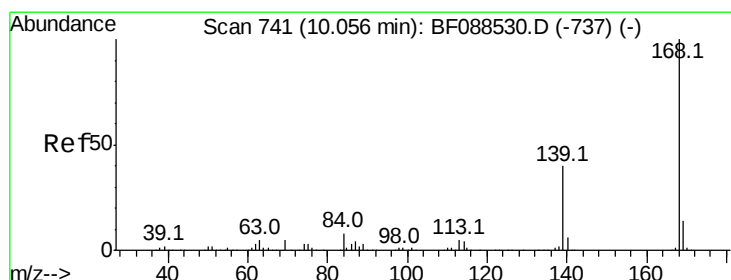
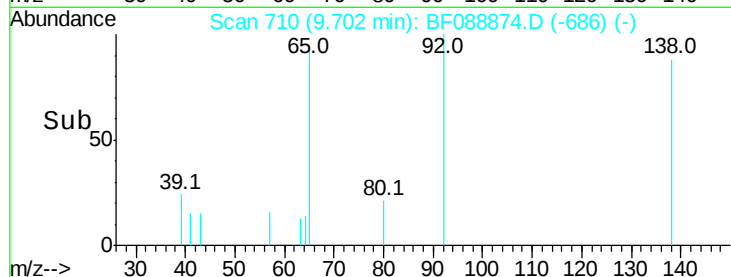
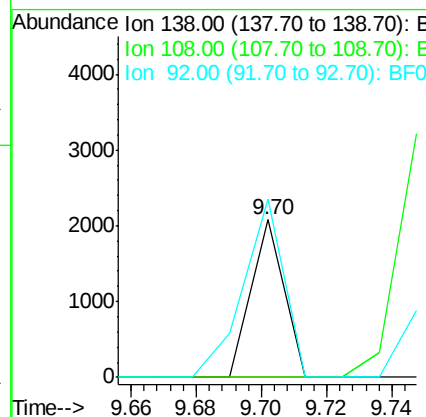
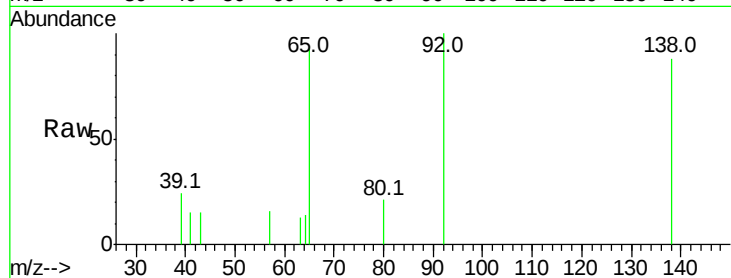
#52
3-Nitroaniline
Concen: 0.55 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:138 Resp: 1427
Ion Ratio Lower Upper
138 100
108 0.0 8.5 12.7#
92 113.4 95.7 143.5

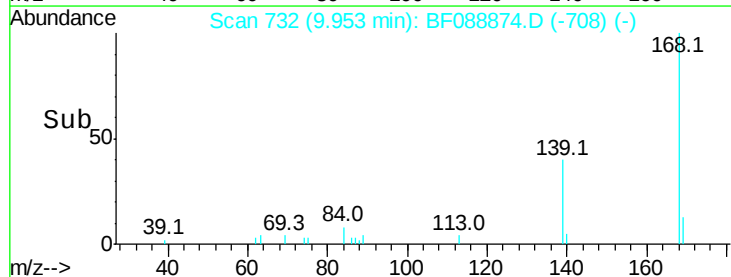
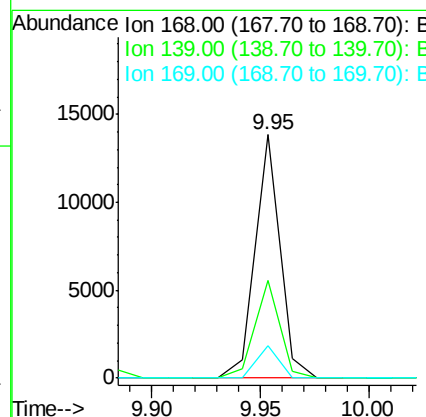
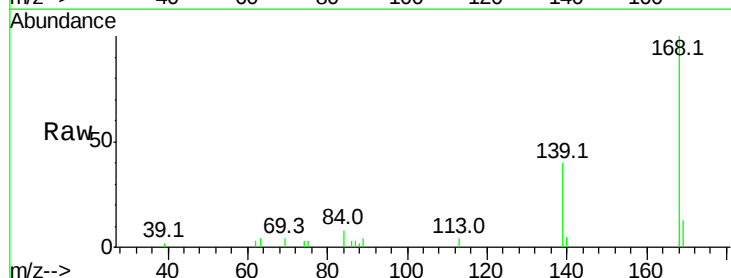
Manual Integrations

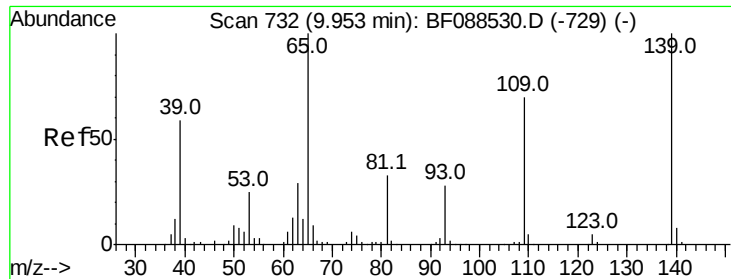
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#54
Dibenzofuran
Concen: 1.03 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:168 Resp: 10994
Ion Ratio Lower Upper
168 100
139 40.0 26.4 39.6#
169 13.1 10.4 15.6





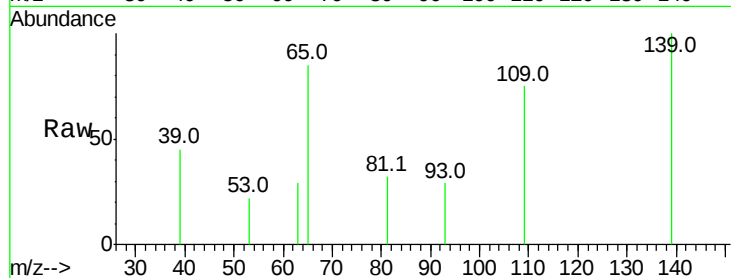
#55
4-Nitrophenol
Concen: 1.10 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

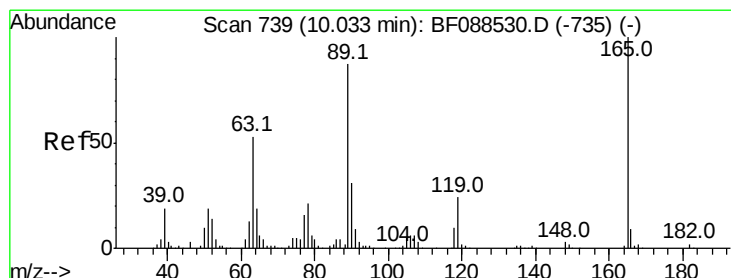
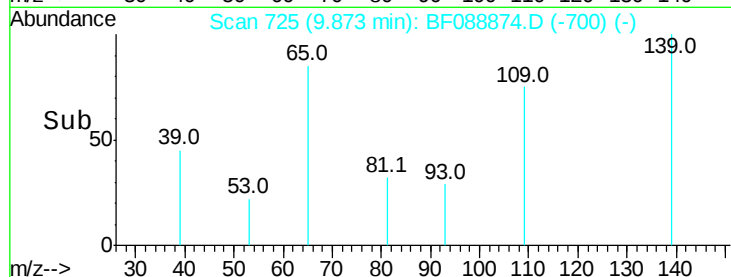
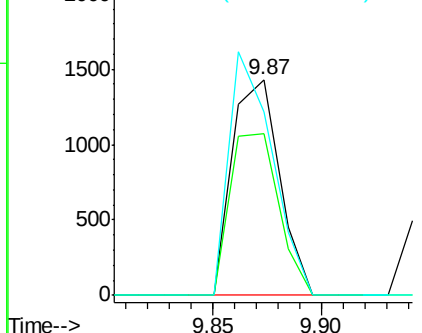
Tot Ion:139 Resp: 2161
Ion Ratio Lower Upper
139 100
109 74.8 48.9 88.9
65 85.2 84.9 124.9

Manual Integrations

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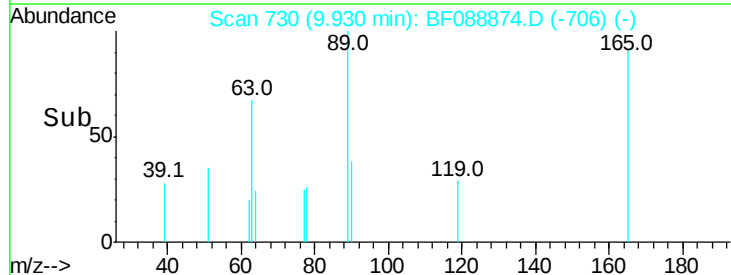
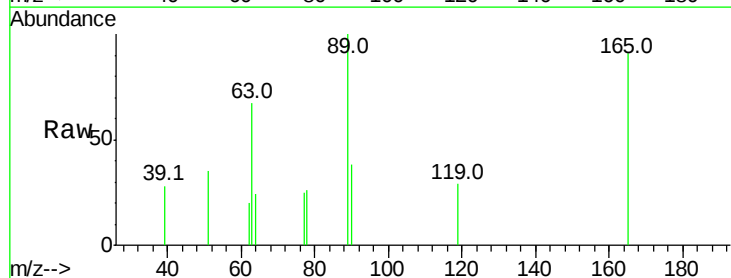
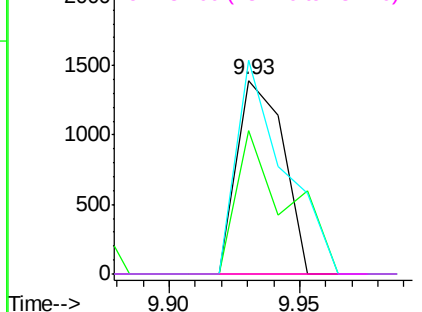
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

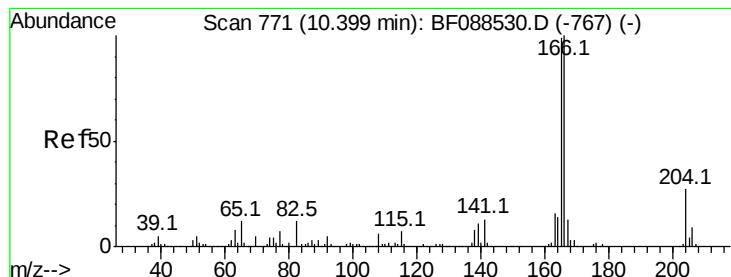


#56
2,4-Dinitrotoluene
Concen: 0.65 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:165 Resp: 1736
Ion Ratio Lower Upper
165 100
63 74.4 22.0 33.0#
89 110.4 41.1 61.7#
182 0.0 2.0 3.0#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 1.01 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:166 Resp: 8357

Ion Ratio Lower Upper

166 100

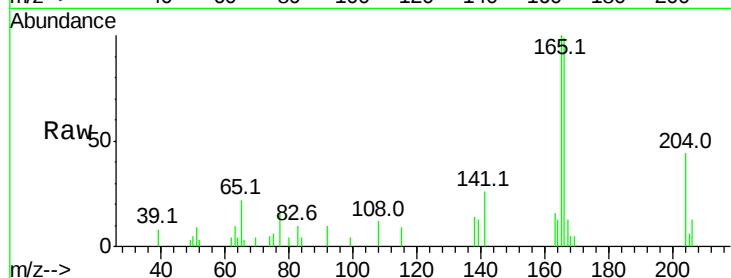
165 100.8 77.8 116.8

167 13.4 11.2 16.8

Manual Integrations

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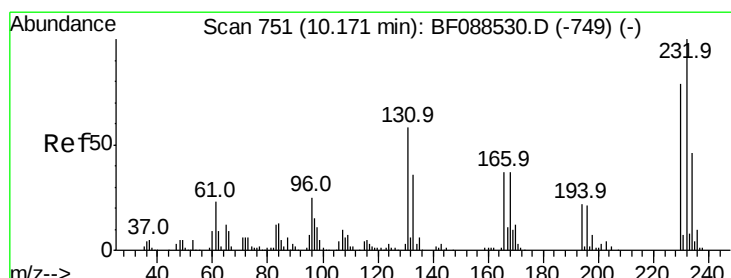
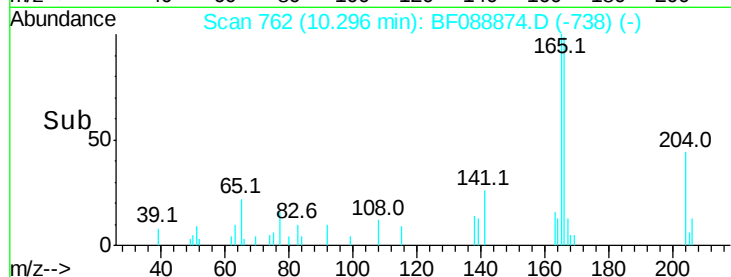
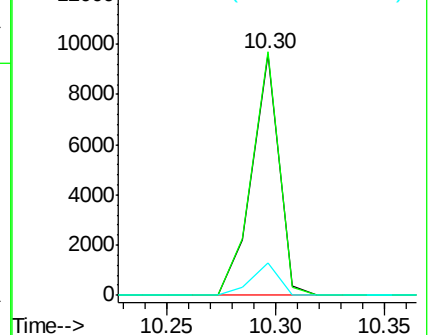
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.53 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:232 Resp: 1008

Ion Ratio Lower Upper

232 100

131 52.7 0.9 1.3#

130 0.0 1.5 2.3#

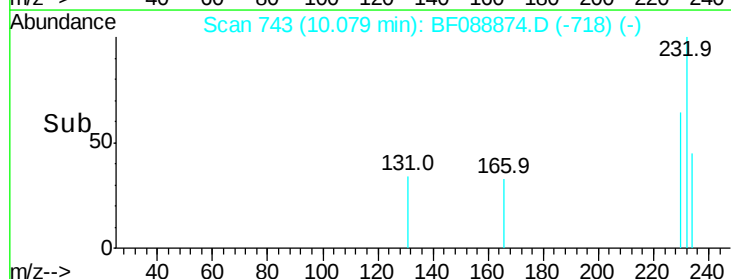
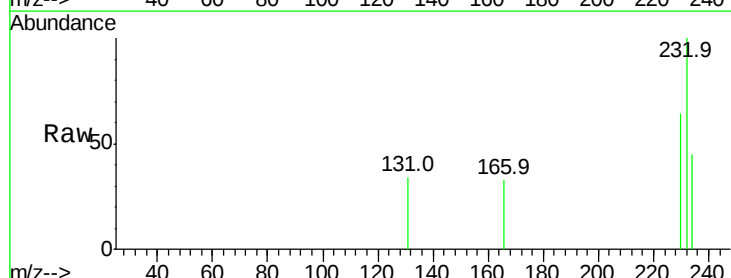
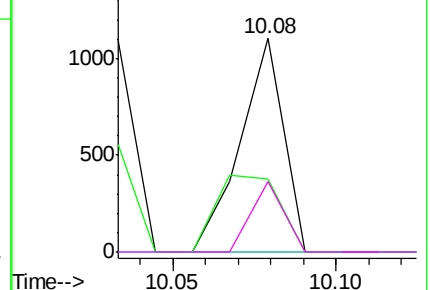
166 0.0 0.5 0.7#

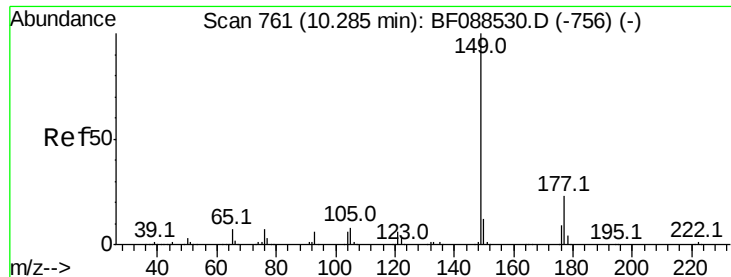
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





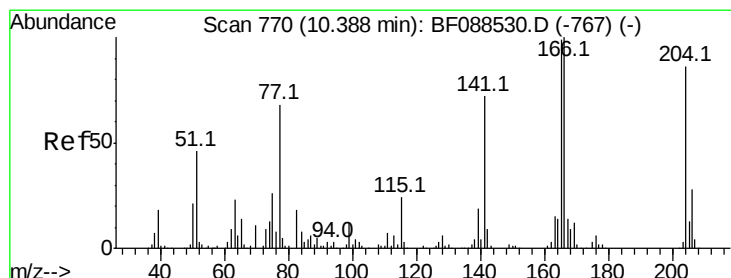
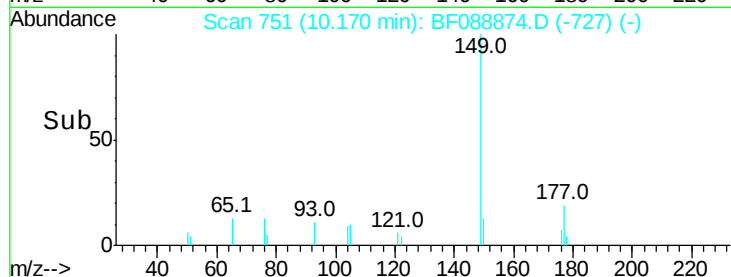
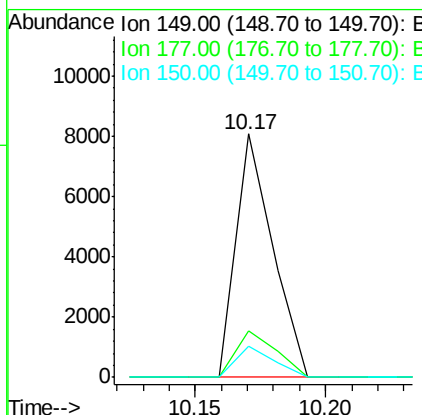
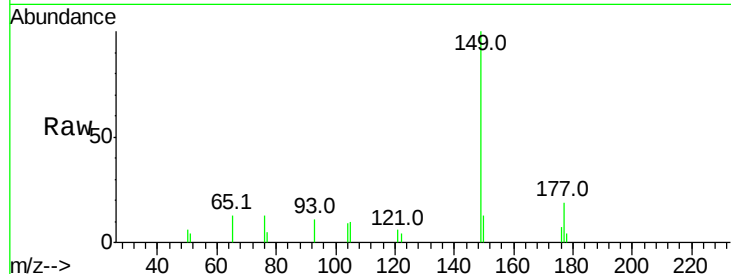
#59
Diethylphthalate
Concen: 0.86 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:149 Resp: 7961
Ion Ratio Lower Upper
149 100
177 19.3 16.9 25.3
150 13.0 10.1 15.1

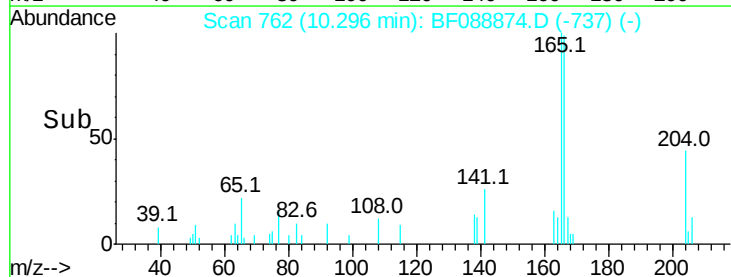
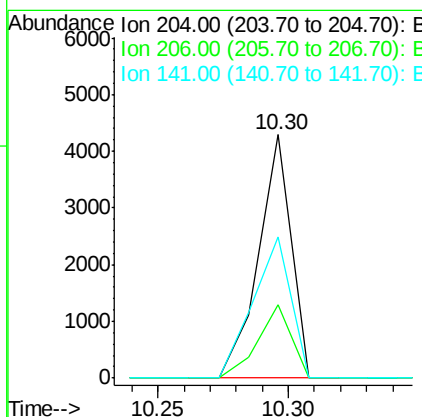
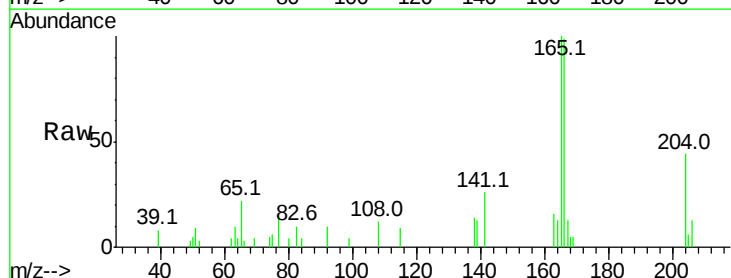
Manual Integrations

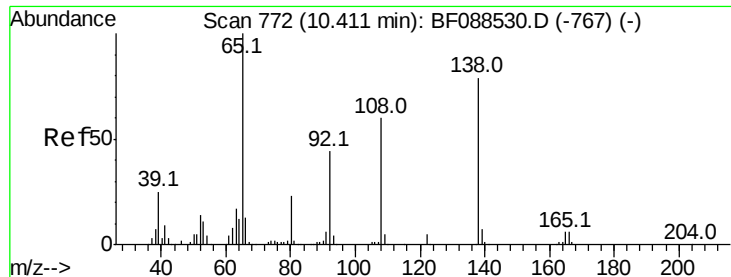
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#60
4-Chlorophenyl-phenylether
Concen: 0.97 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:204 Resp: 3709
Ion Ratio Lower Upper
204 100
206 30.1 26.3 39.5
141 58.0 55.0 82.6





#61

4-Nitroaniline

Concen: 0.59 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.03 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:138 Resp: 1482

Ion Ratio Lower Upper

138 100

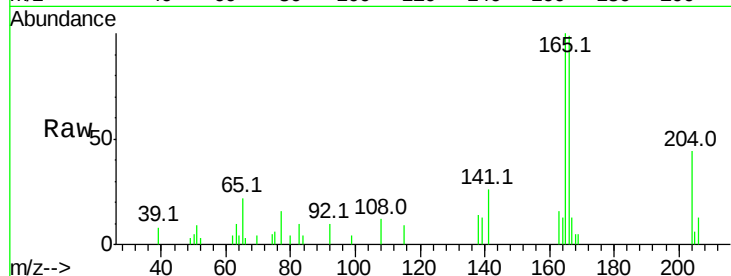
92 68.0 27.3 67.3#

108 80.1 46.7 86.7

Manual Integrations

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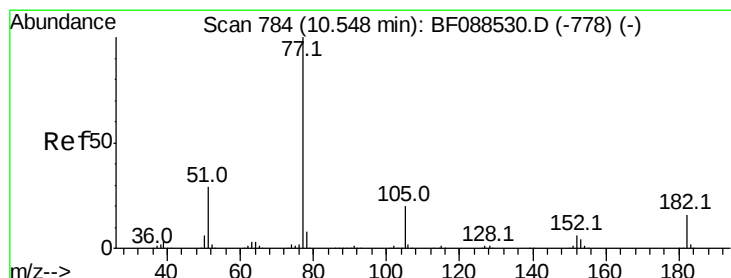
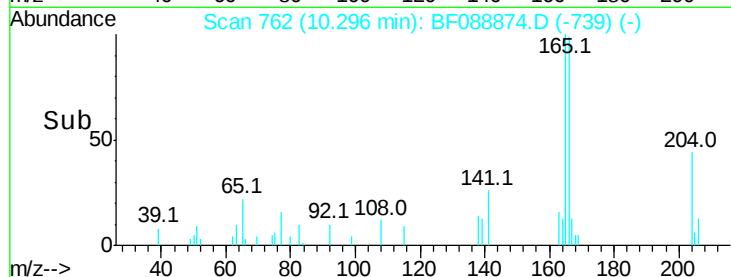
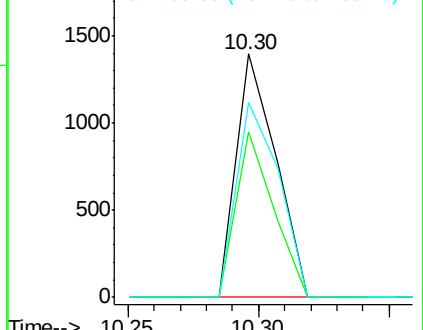
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.77 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion: 77 Resp: 8080

Ion Ratio Lower Upper

77 100

182 14.8 4.4 44.4

105 20.3 3.8 43.8

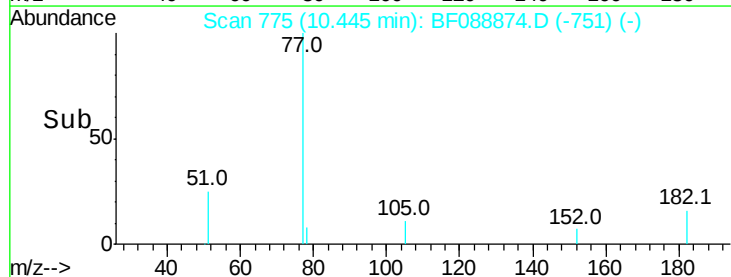
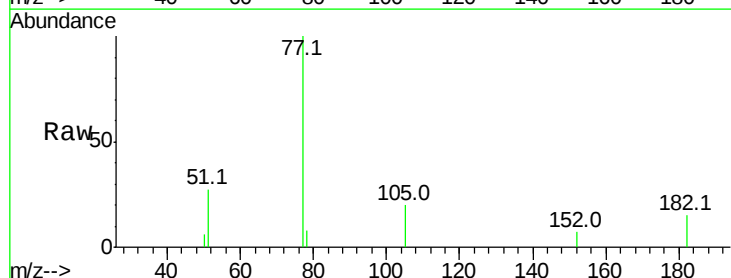
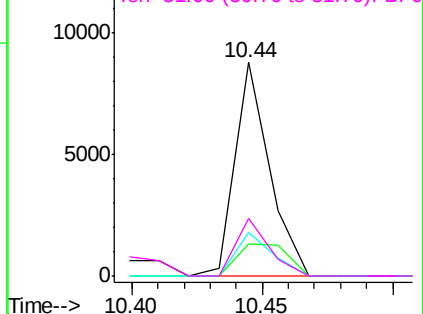
51 27.0 9.3 49.3

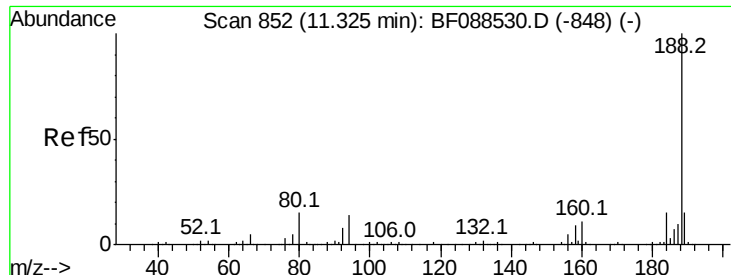
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





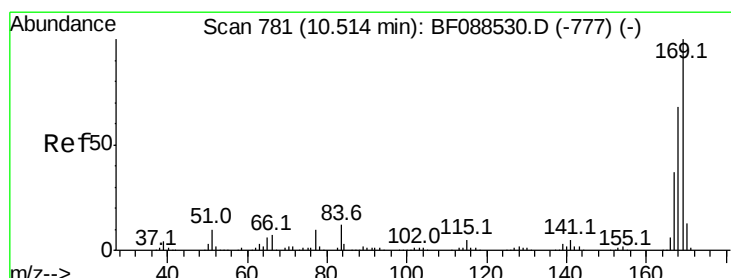
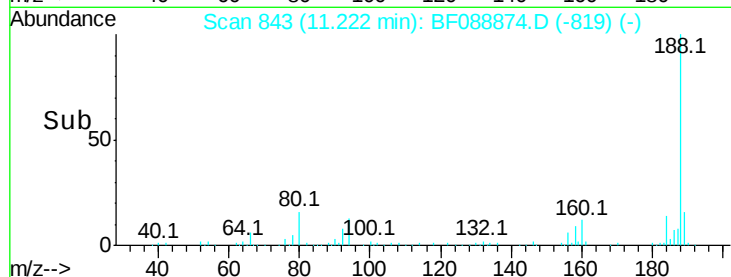
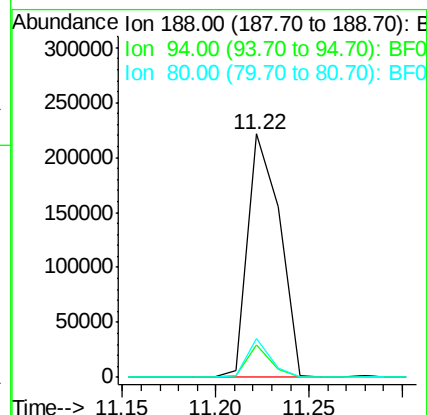
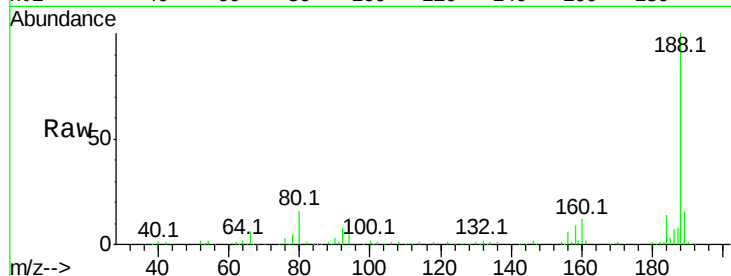
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	263268		
94	13.2		9.0	13.6
80	15.8		10.0	15.0

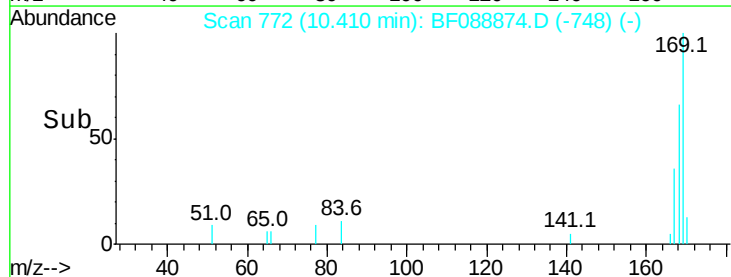
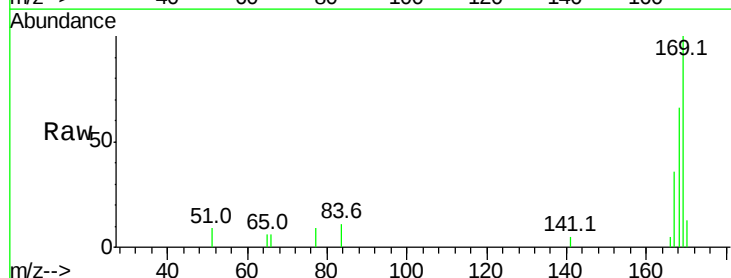
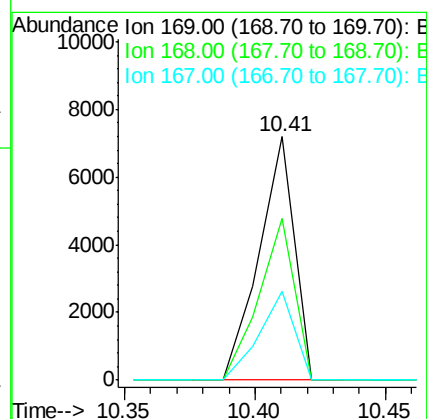
Manual Integrations

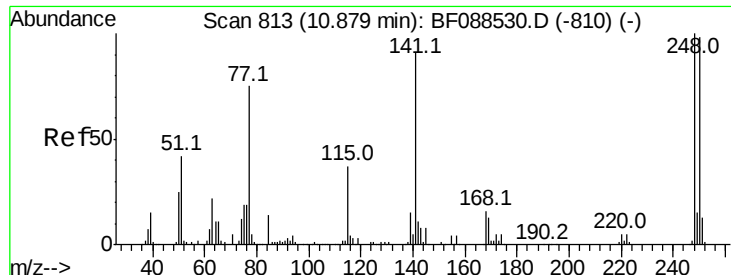
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#65
 n-Nitrosodiphenylamine
 Concen: 0.77 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	6839		
168	66.2		53.4	80.0
167	36.3		29.4	44.0





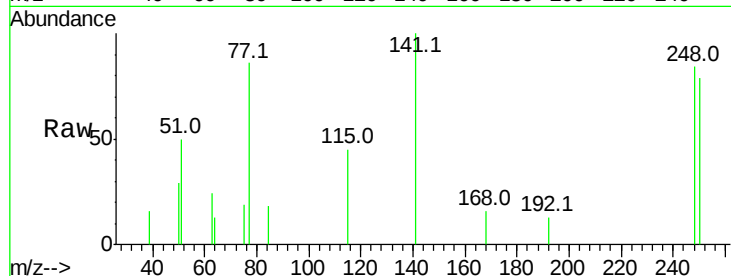
#66
4-Bromophenyl-phenylether
Concen: 0.77 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

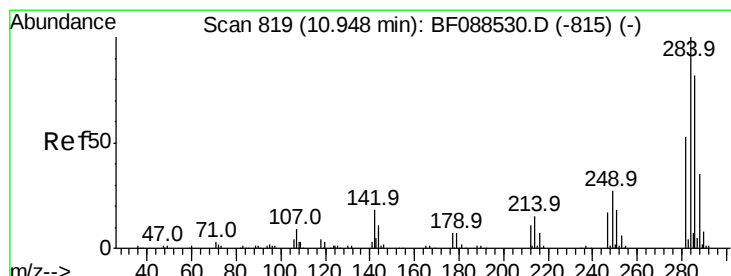
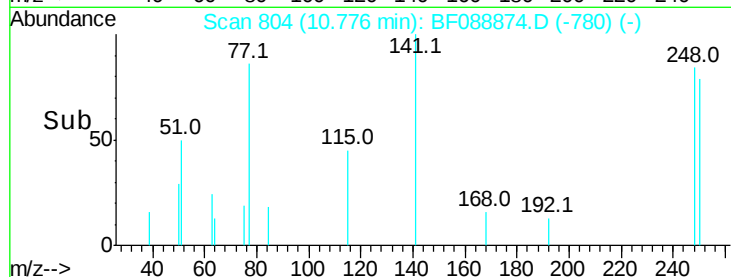
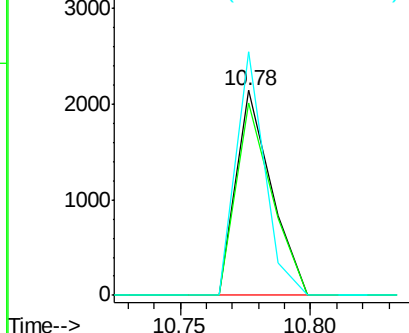
Tot Ion:248 Resp: 2043
Ion Ratio Lower Upper
248 100
250 94.2 77.1 115.7
141 118.8 50.6 76.0#

Manual Integrations

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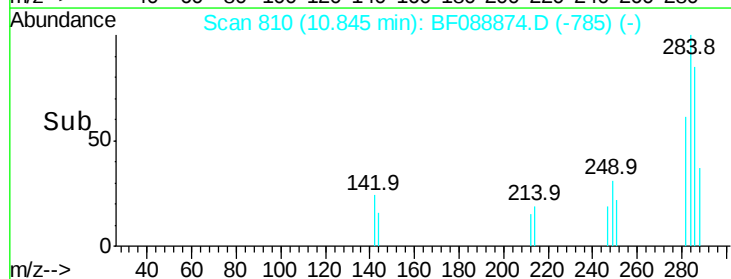
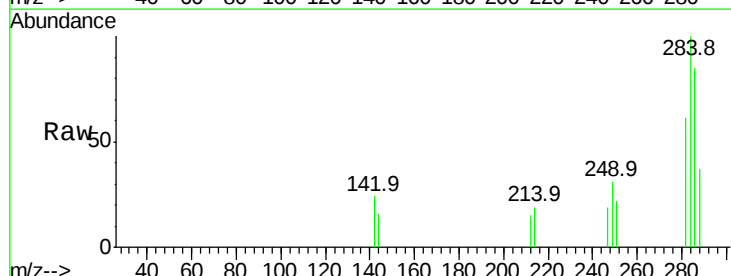
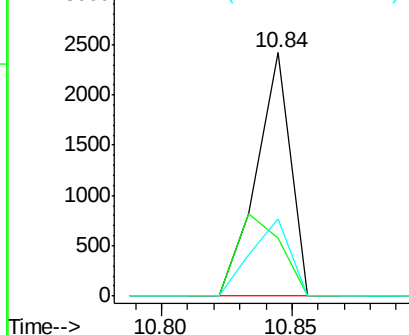
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

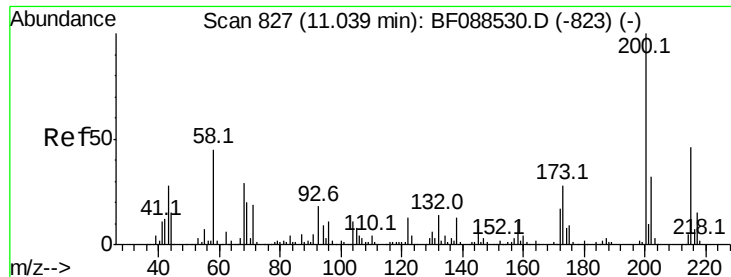


#67
Hexachlorobenzene
Concen: 0.76 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:284 Resp: 2222
Ion Ratio Lower Upper
284 100
142 23.9 35.8 53.8#
249 31.5 25.8 38.6

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





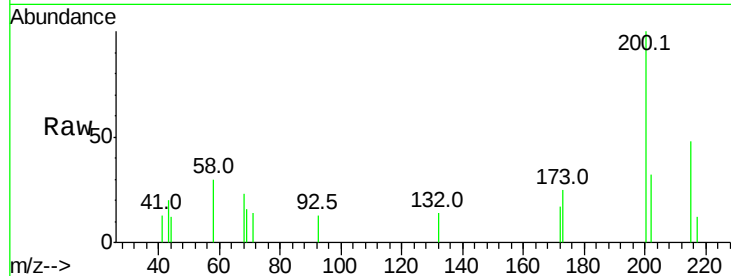
#68
Atrazine
Concen: 0.74 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

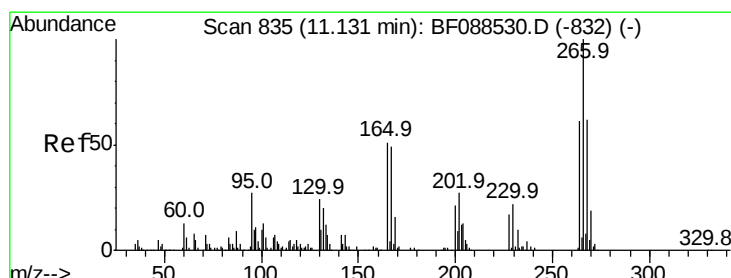
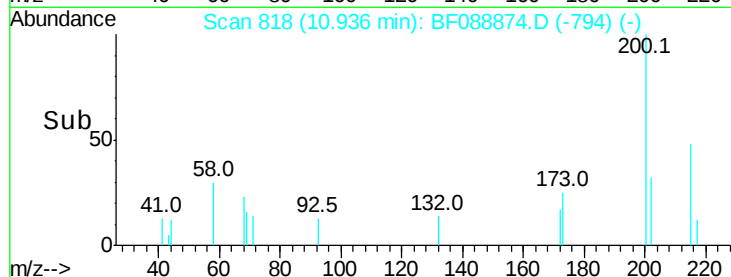
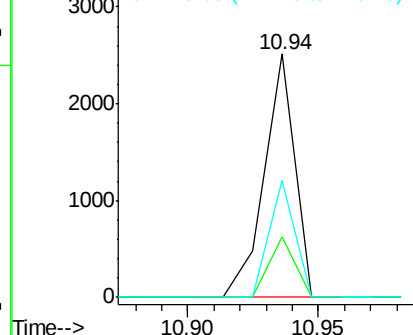
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.0	44.0
215	47.9	29.3	69.3

Manual Integrations

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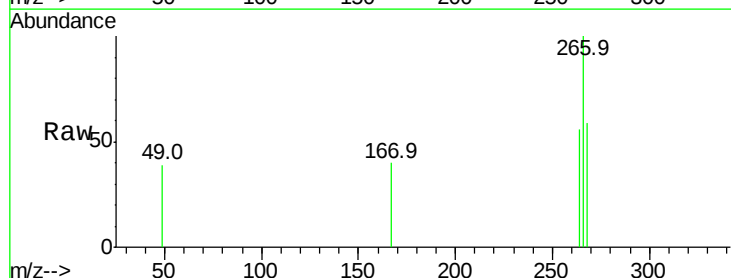


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

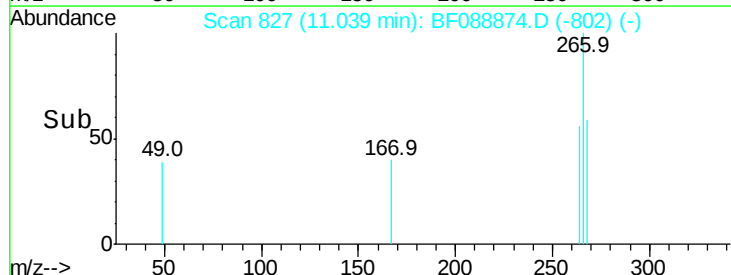
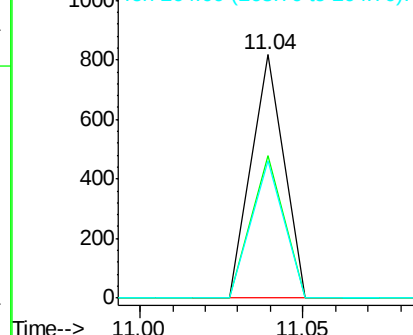


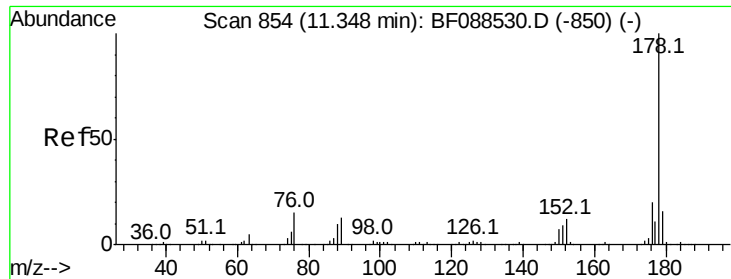
#69
Pentachlorophenol
Concen: 0.32 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.7	52.8	79.2
264	56.2	49.6	74.4



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





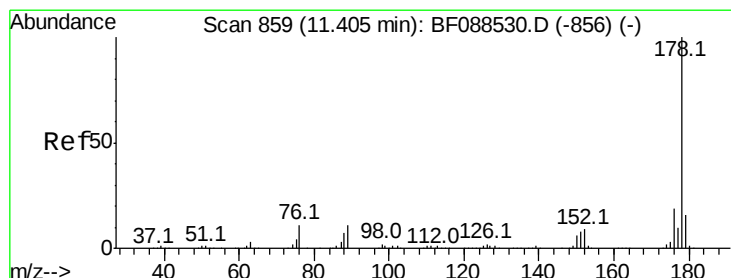
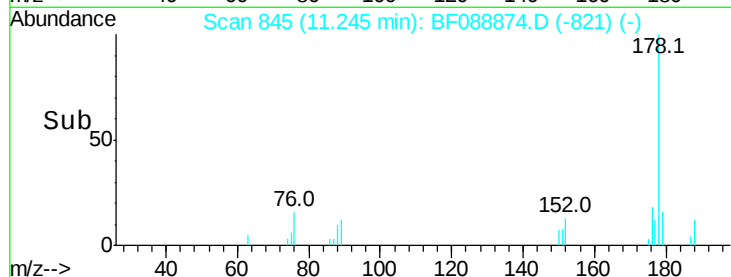
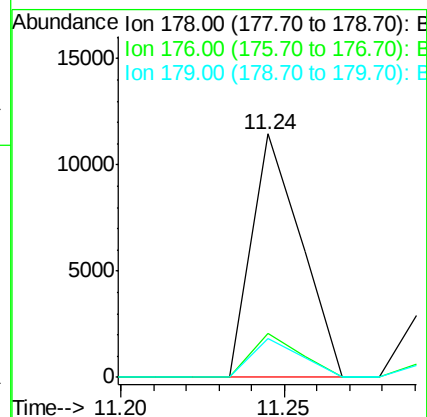
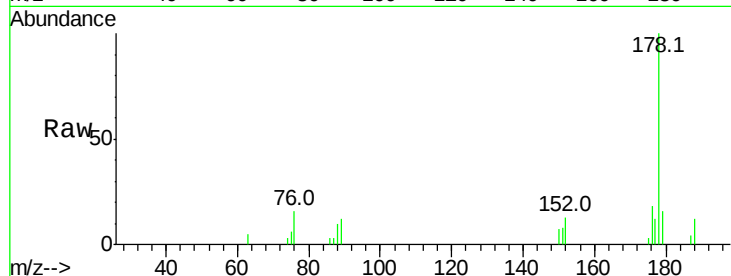
#70
Phenanthrene
Concen: 0.83 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	16.2	13.0	19.4

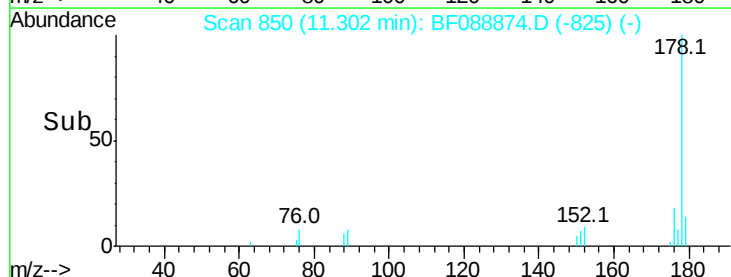
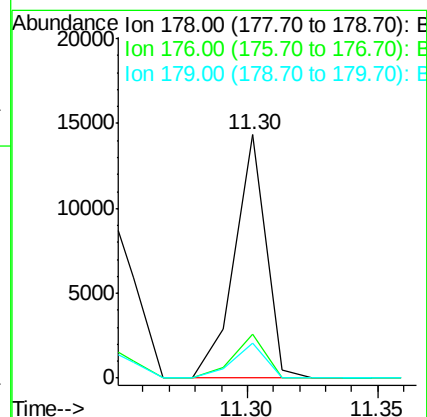
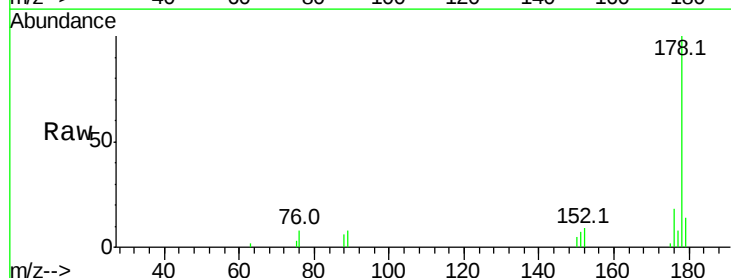
Manual Integrations

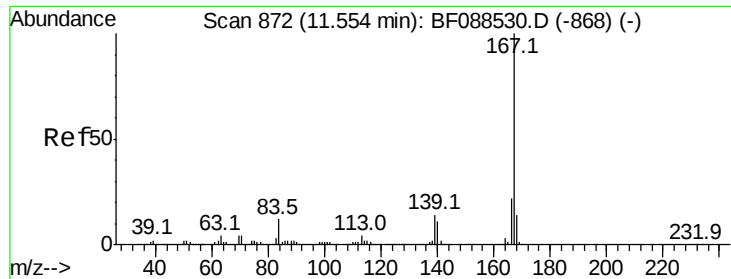
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#71
Anthracene
Concen: 0.85 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.6	23.4
179	14.5	12.8	19.2





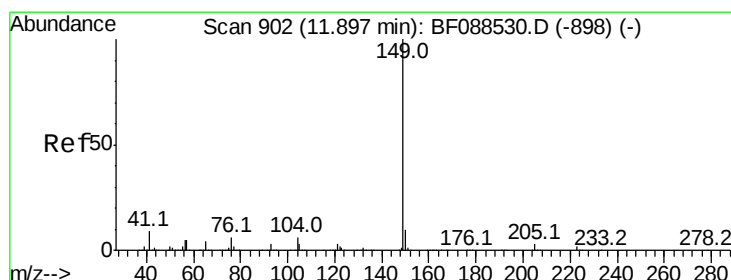
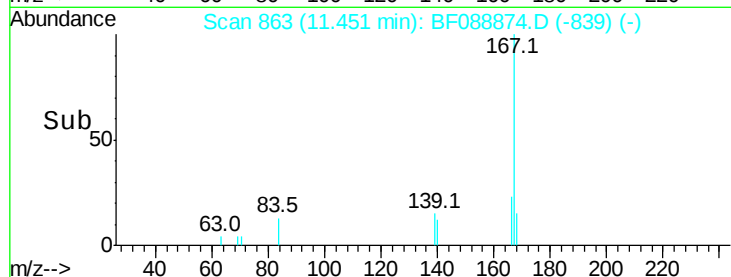
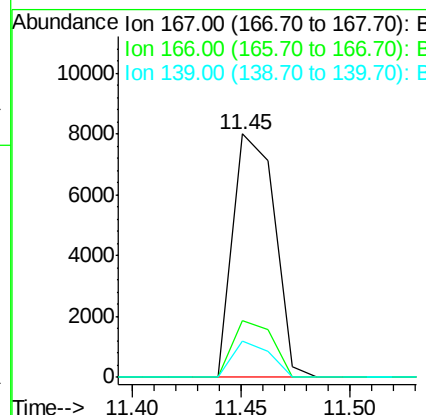
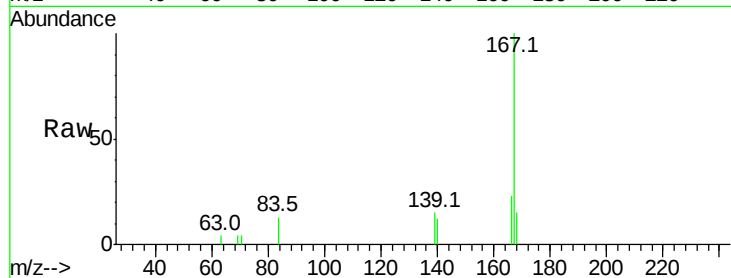
#72
 Carbazole
 Concen: 0.79 ng
 RT: 11.45 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	14.9	11.2	16.8

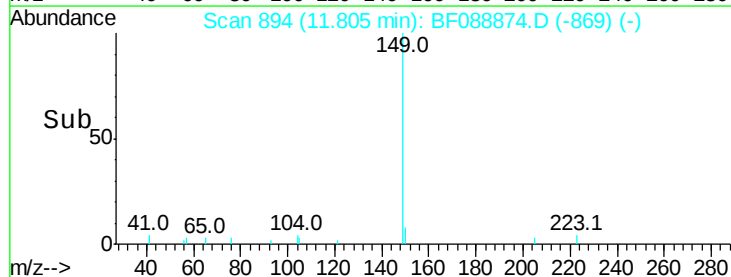
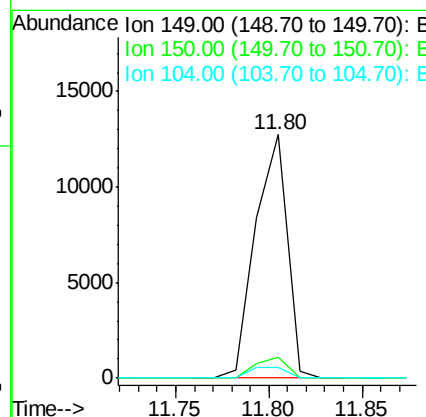
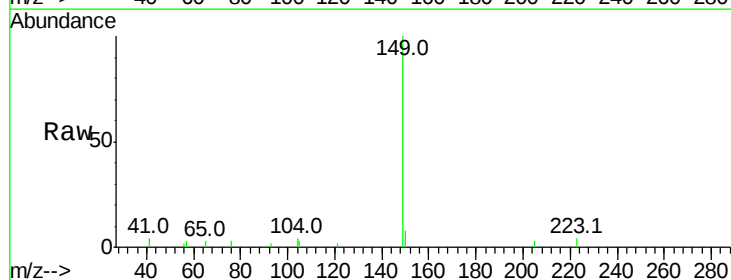
Manual Integrations

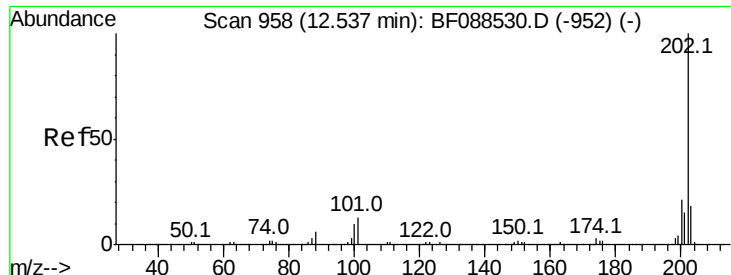
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#73
 Di-n-butylphthalate
 Concen: 0.96 ng
 RT: 11.80 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.8	11.6
104	4.2	4.0	6.0





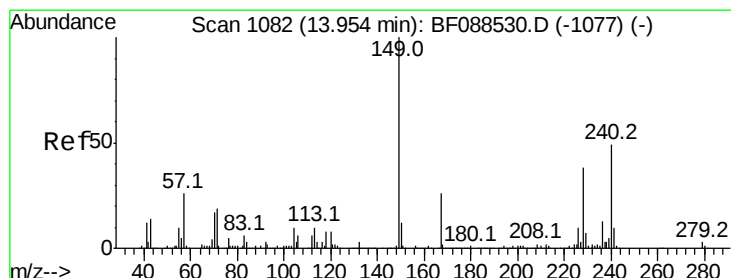
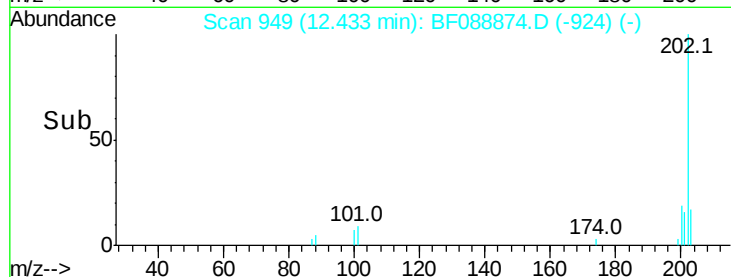
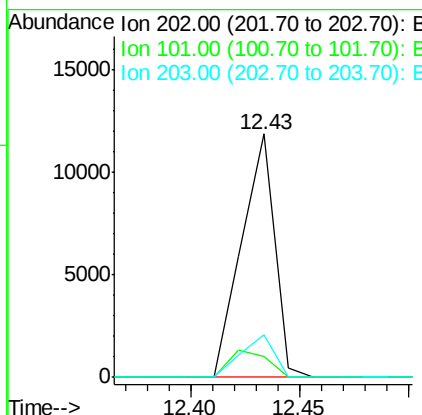
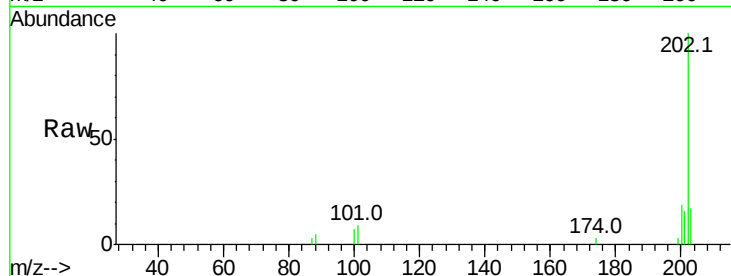
#74
Fluoranthene
 Concen: 0.86 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	33.1
203	17.4	0.0	38.1

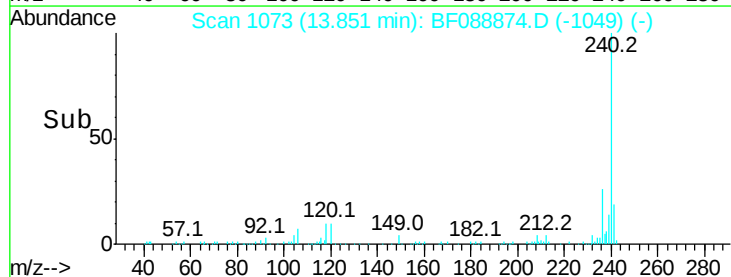
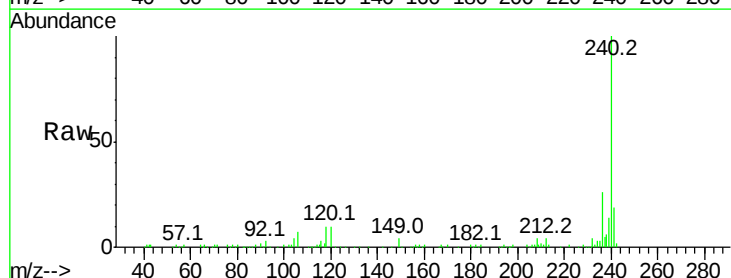
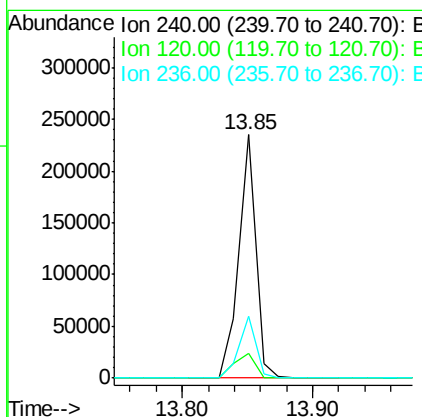
Manual Integrations

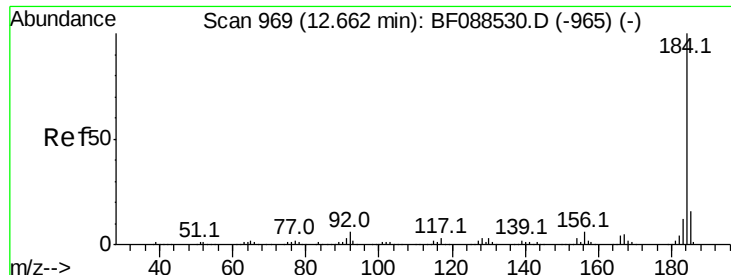
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF088874.D
 Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	6.8	10.2
236	25.7	20.2	30.2





#76

Benzidine

Concen: 0.09 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:184 Resp: 972

Ion Ratio Lower Upper

184 100

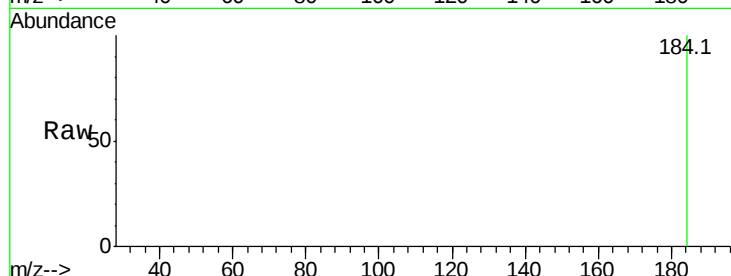
185 0.0 12.5 18.7#

183 0.0 9.3 13.9#

Manual Integrations

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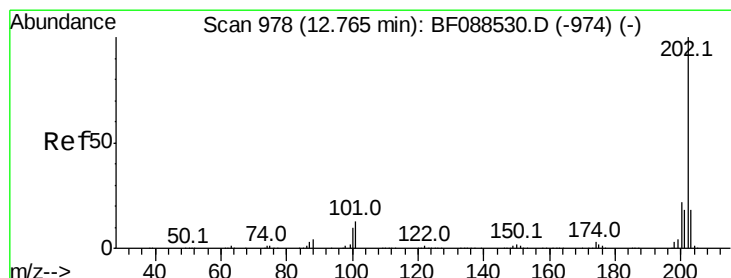
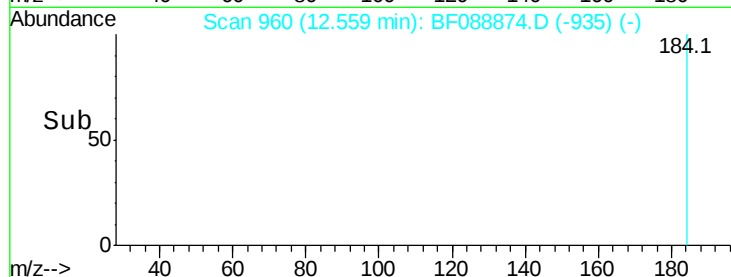
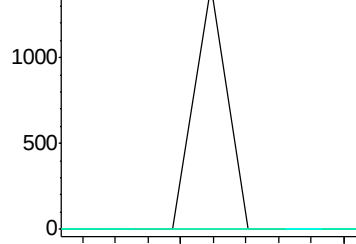


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.56



#77

Pyrene

Concen: 0.69 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

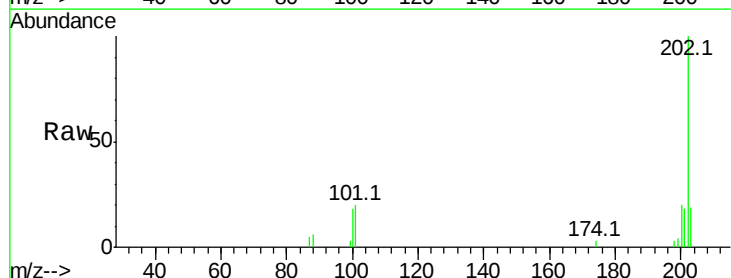
Tgt Ion:202 Resp: 12359

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

203 18.7 14.5 21.7

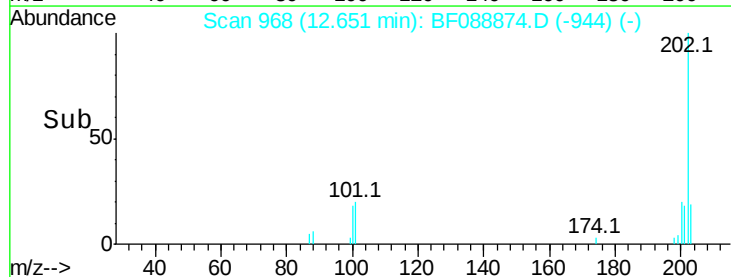
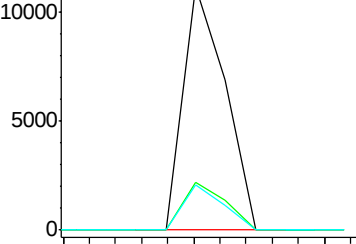


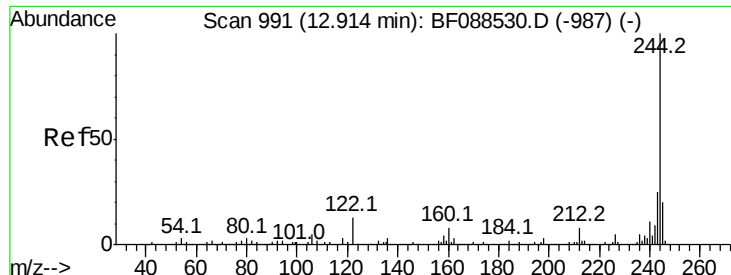
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.65





#78

Terphenyl-d14

Concen: 3.52 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088874.D

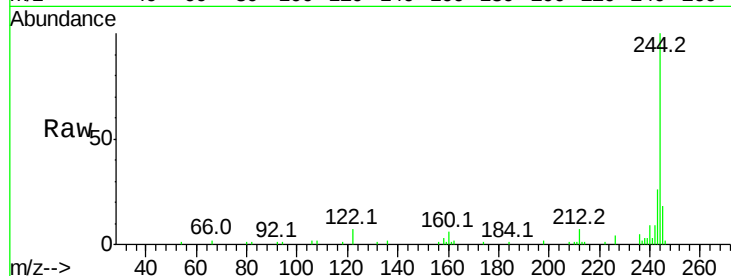
Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

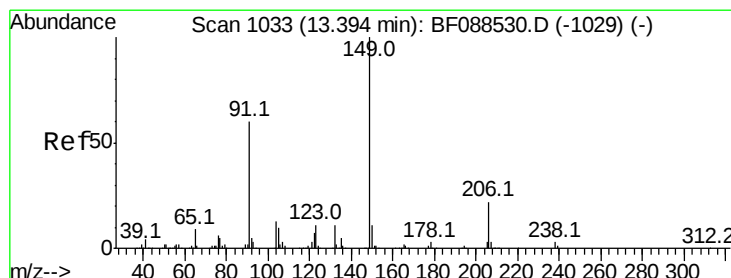
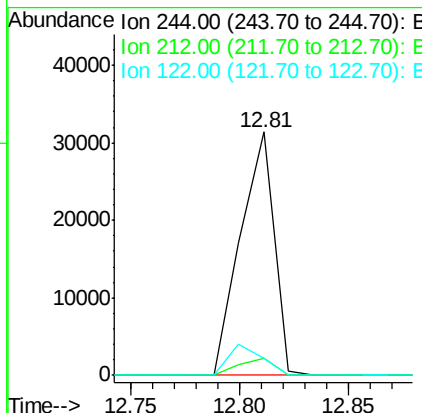
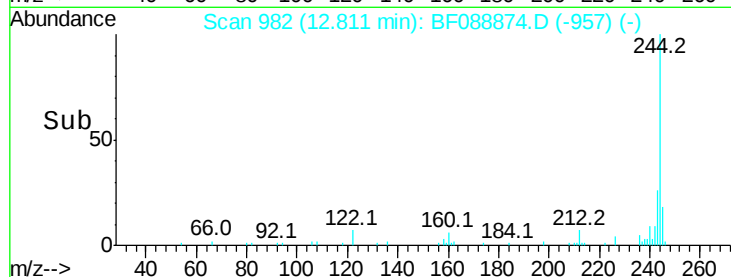


Tot Ion:	244	Resp:	33654
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	7.0	11.2	16.8#

Manual Integrations

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#79

Butylbenzylphthalate

Concen: 0.63 ng

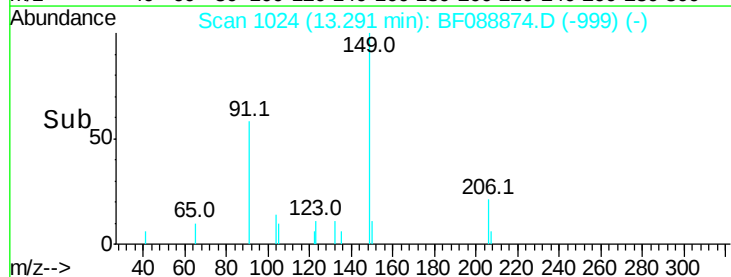
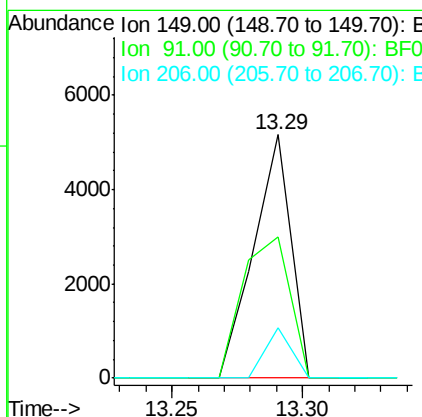
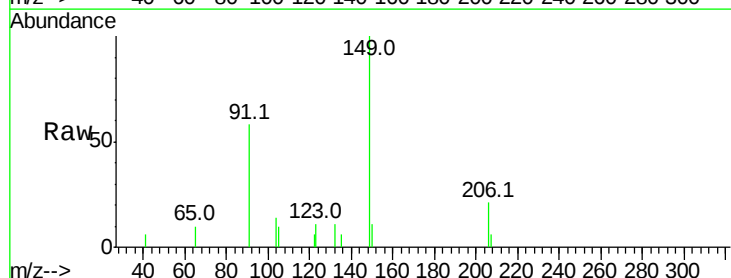
RT: 13.29 min Scan# 1024

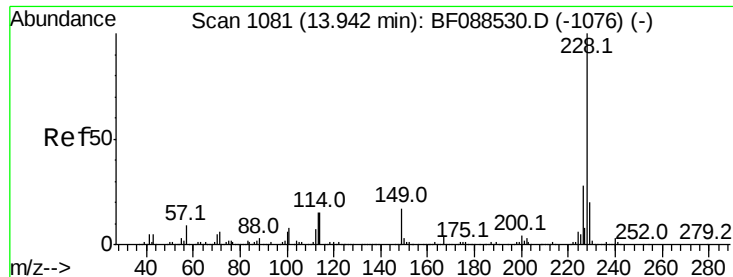
Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Tgt Ion:	149	Resp:	5093
Ion Ratio	Lower	Upper	
149	100		
91	58.1	48.0	72.0
206	20.9	16.0	24.0





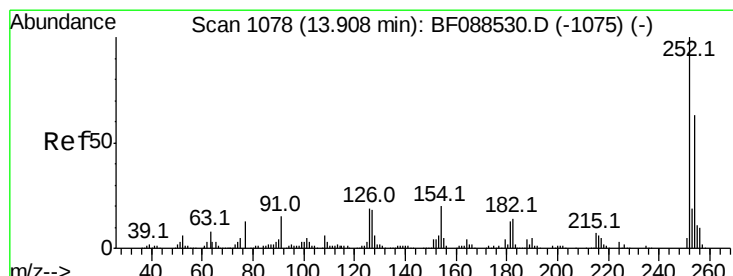
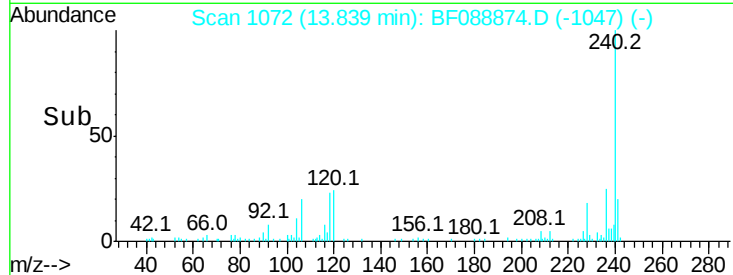
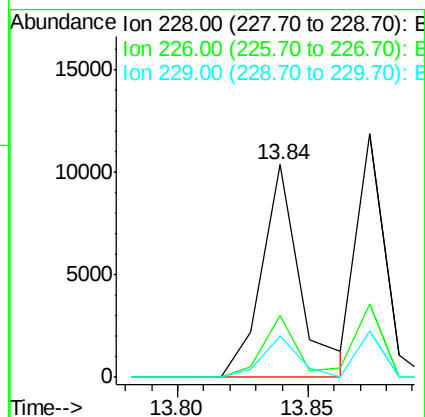
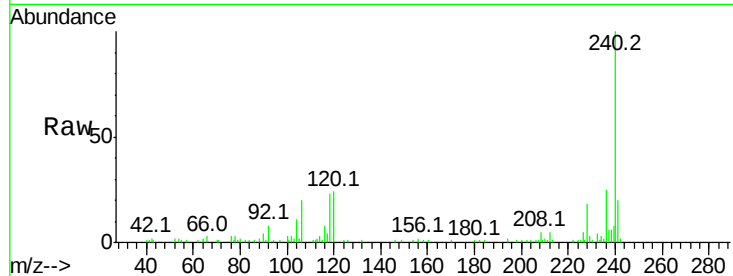
#80
Benzo(a)anthracene
Concen: 0.78 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	19.3	16.0	24.0

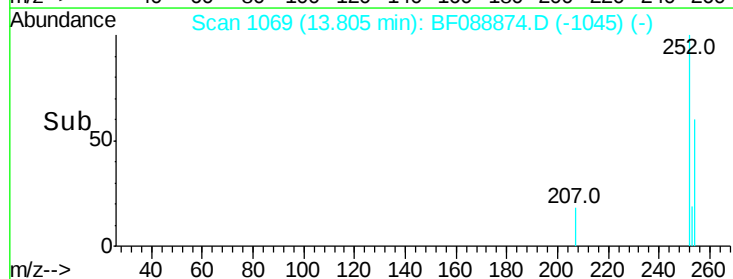
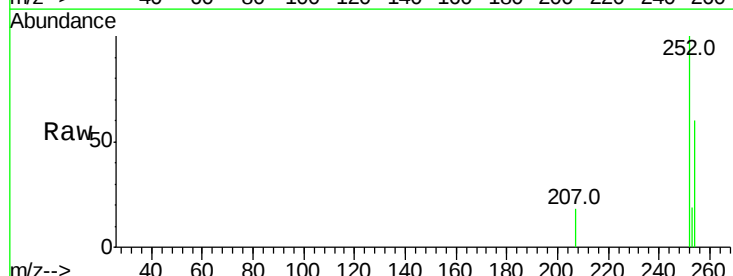
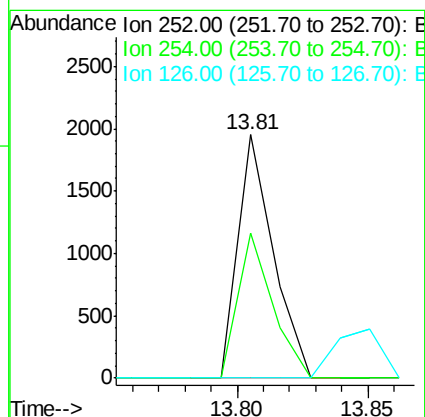
Manual Integrations

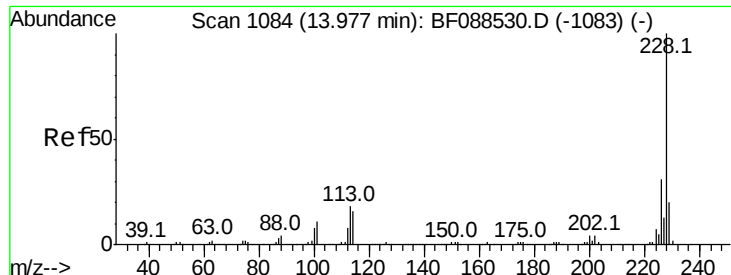
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#81
3,3'-Dichlorobenzidine
Concen: 0.36 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.6	52.6	78.8
126	0.0	6.2	9.2#





#82

Chrysene

Concen: 0.66 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MS

Tot Ion:228 Resp: 8890

Ion Ratio Lower Upper

228 100

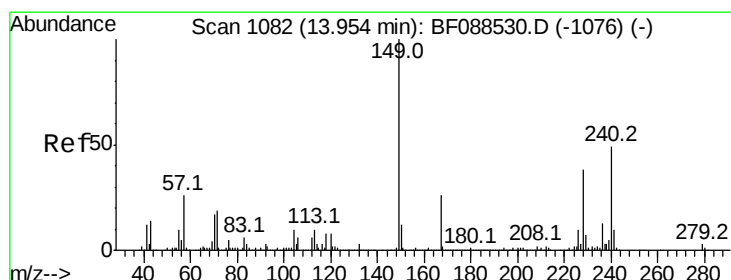
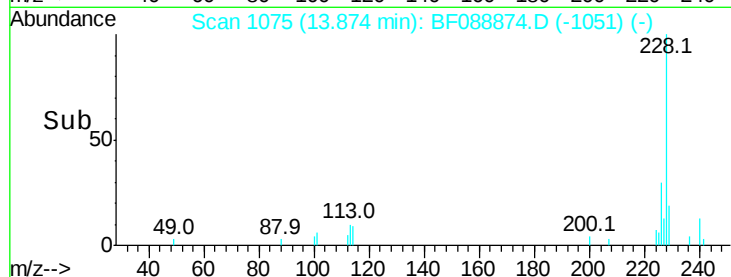
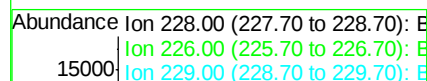
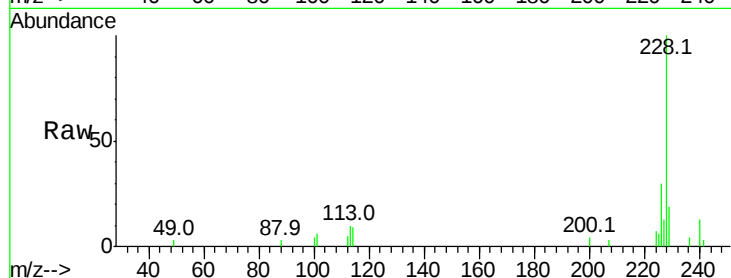
226 30.1 25.4 38.2

229 19.0 16.3 24.5

Manual Integrations

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#83

Bis(2-ethylhexyl)phthalate

Concen: 0.88 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF088874.D

Acq: 9 Jul 2016 16:38

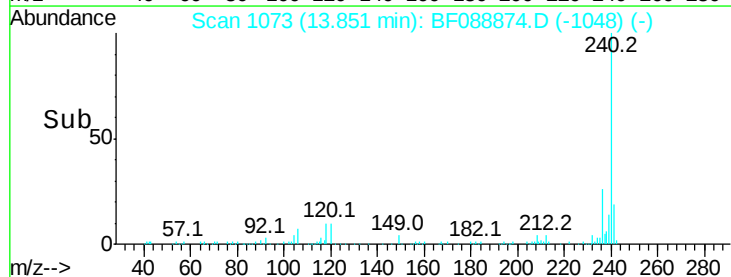
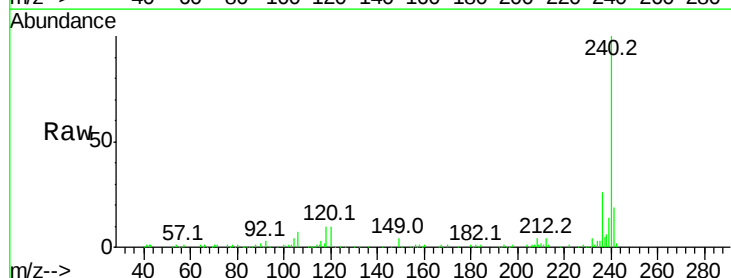
Tgt Ion:149 Resp: 8053

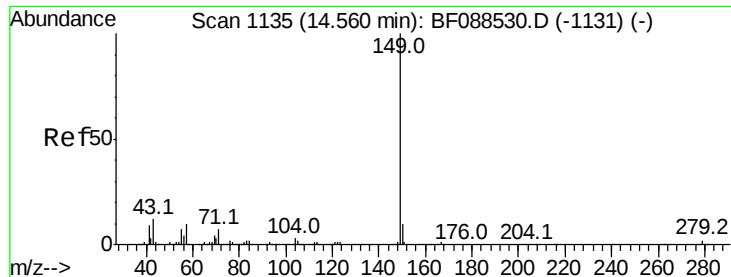
Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

279 0.0 2.0 3.0#





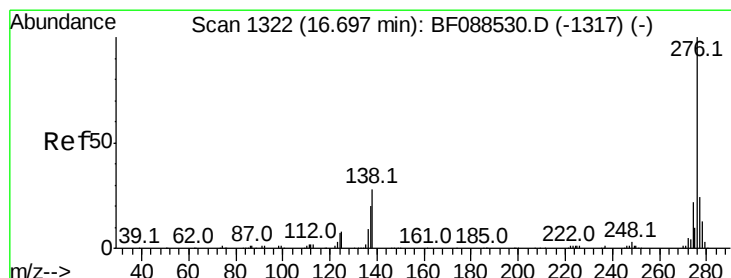
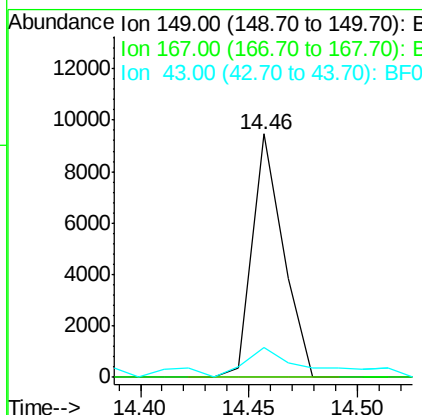
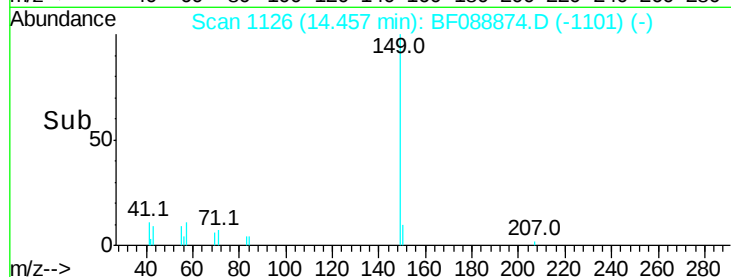
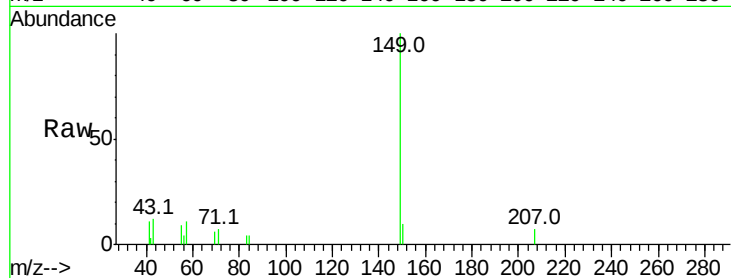
#84
Di-n-octyl phthalate
Concen: 0.60 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	31.0	0.0	0.0

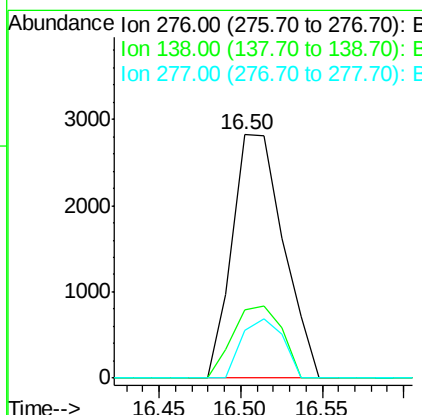
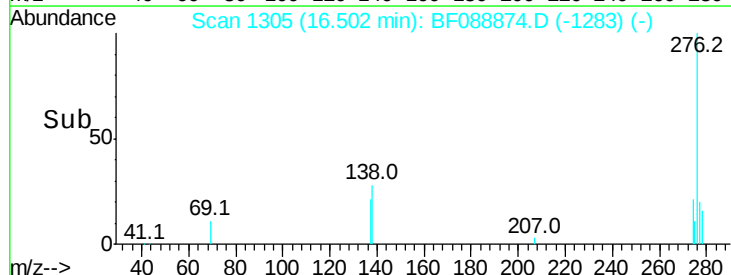
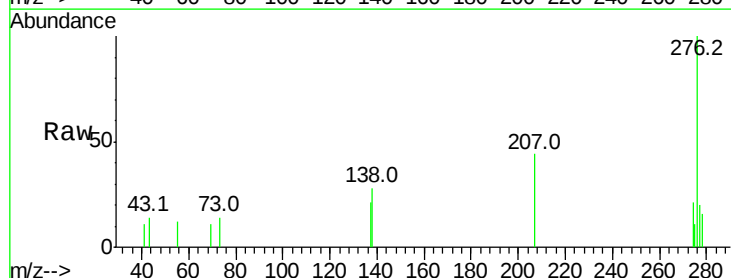
Manual Integrations

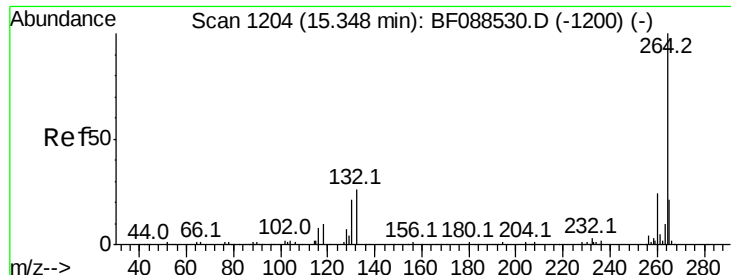
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#85
Indeno(1,2,3-cd)pyrene
Concen: 0.59 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.05 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	0.0	0.0
277	19.6	0.0	0.0





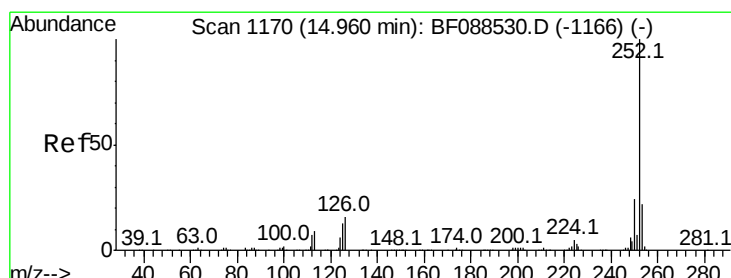
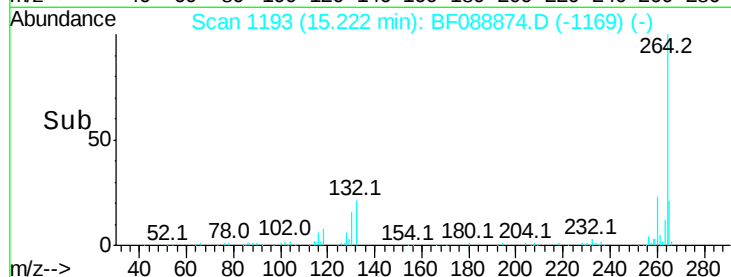
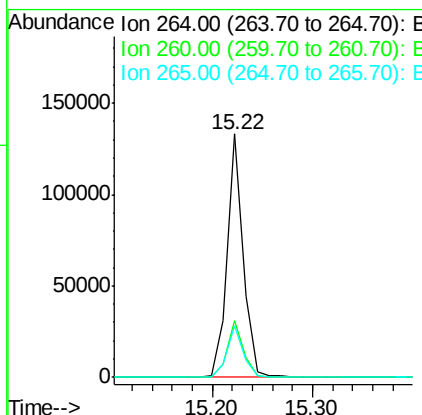
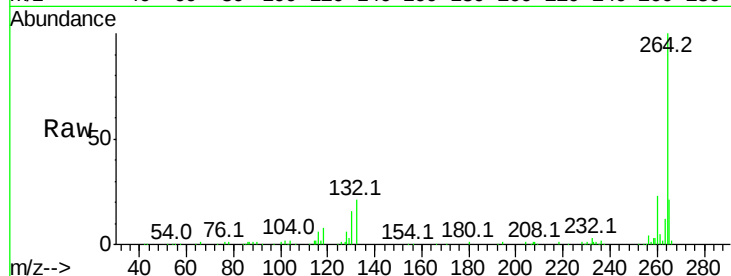
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:264 Resp: 148272
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.2 16.9 25.3

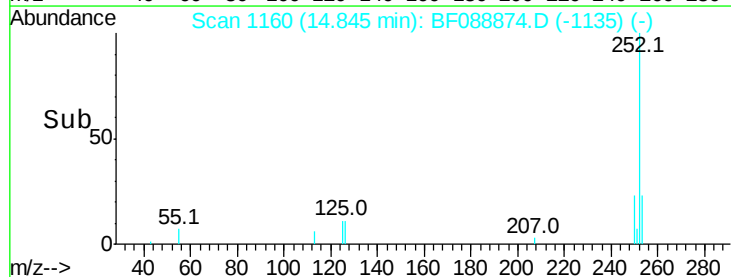
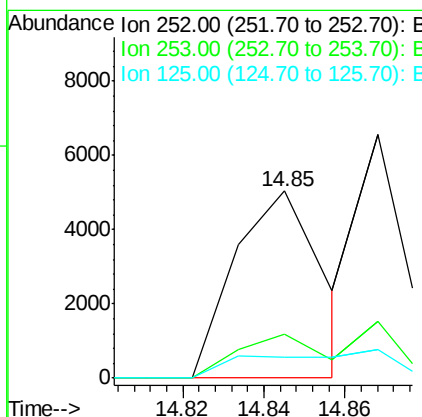
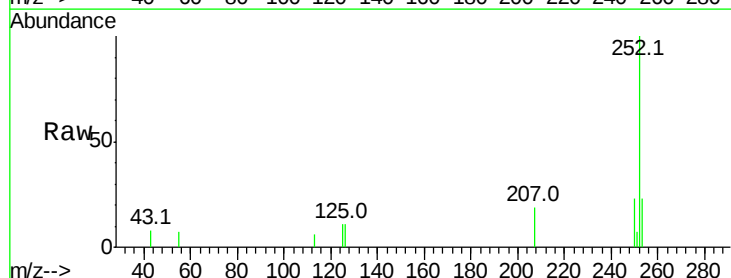
Manual Integrations

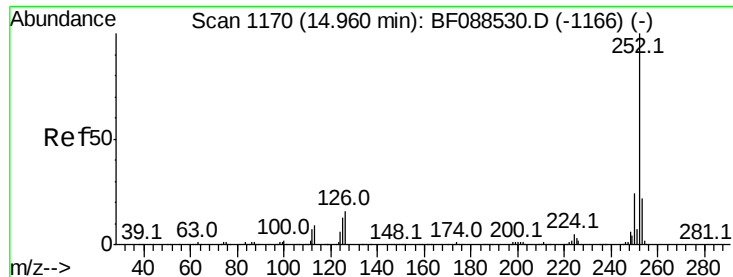
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#87
Benzo(b)fluoranthene
Concen: 0.81 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:252 Resp: 7529
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.8 7.1 10.7#





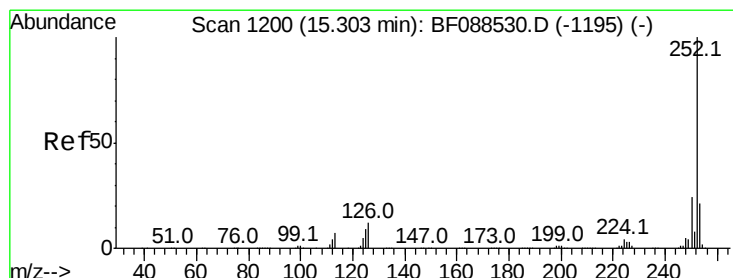
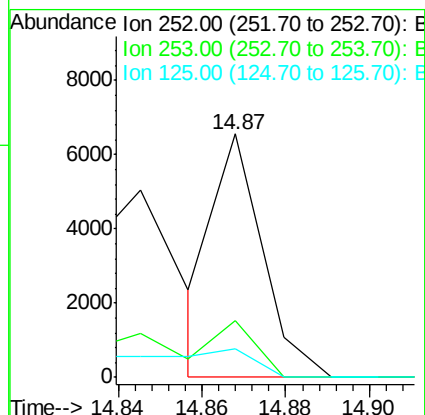
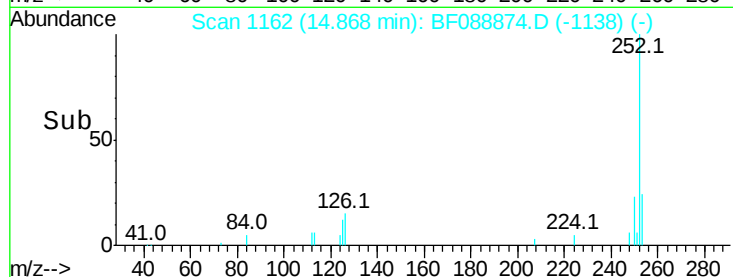
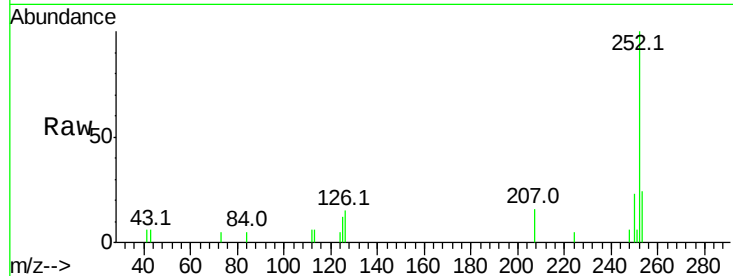
#88
Benzo(k)fluoranthene
Concen: 0.65 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion:	252	Resp:	5247
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.0	27.0
125	11.8	11.2	16.8

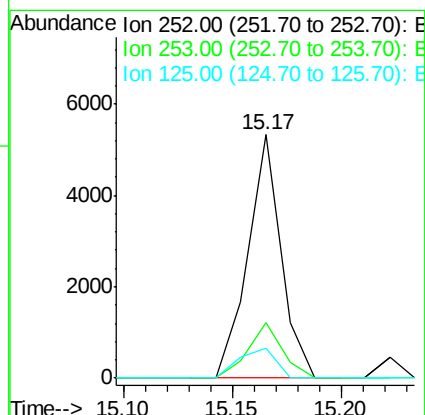
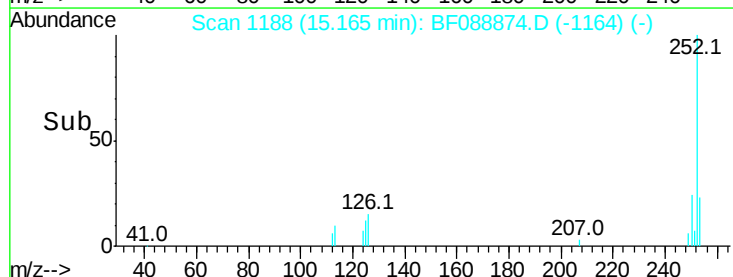
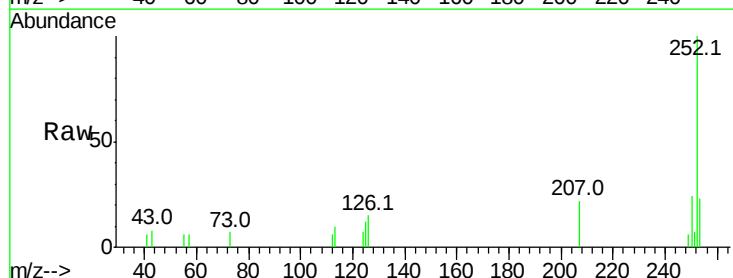
Manual Integrations

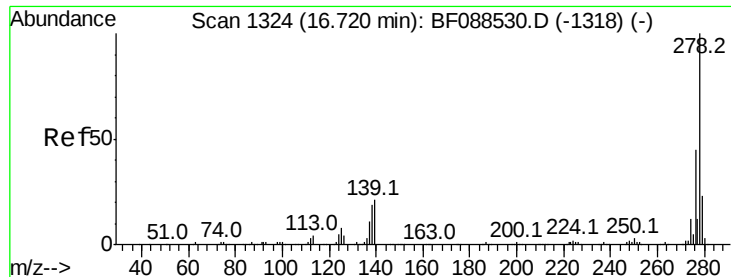
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#89
Benzo(a)pyrene
Concen: 0.71 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion:	252	Resp:	5626
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	12.4	12.5	18.7#





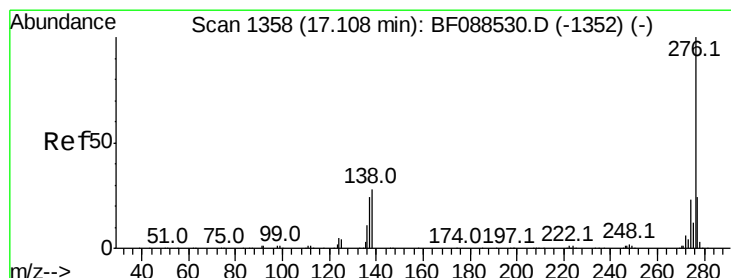
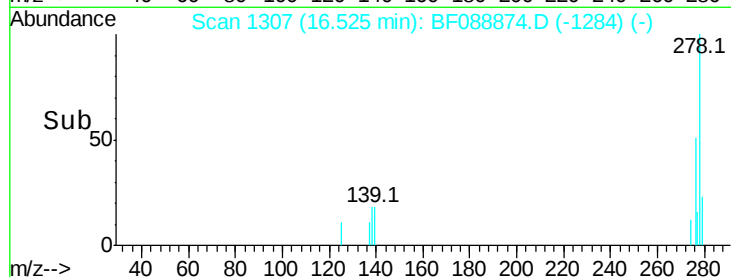
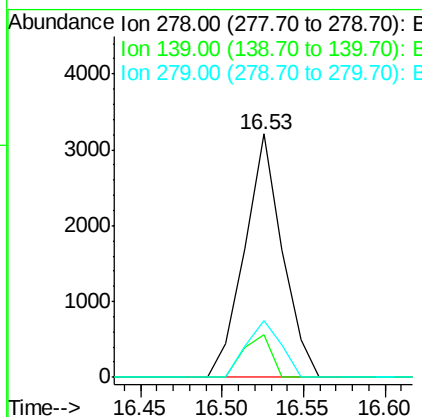
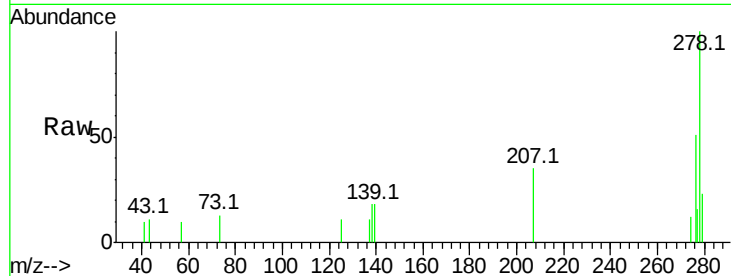
#90
Dibenzo(a,h)anthracene
Concen: 0.78 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.7	23.5
279	23.2	19.4	29.2

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 0.78 ng
RT: 16.89 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF088874.D
Acq: 9 Jul 2016 16:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	24.2	21.4	32.2

