

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088886.D
 Acq On : 9 Jul 2016 22:29
 Operator : UM/SJ
 Sample : H3813-30MS 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Manual Integrations

sohil
 7/11/2016 8:07:40 PM

Quant Time: Jul 11 15:52:56 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	83888	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	332839	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	162649	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	308708	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	175217	20.00	ng	-0.02
86) Perylene-d12	15.23	264	162217	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	13699	2.45	ng	-0.02
7) Phenol-d6	6.34	99	11842	1.64	ng	-0.03
23) Nitrobenzene-d5	7.28	82	22477	3.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	8611	5.70	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	42688	4.15	ng	-0.01
78) Terphenyl-d14	12.81	244	34952	4.44	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.24	88	1391	0.50	ng	# 87
3) Pyridine	3.00	79	475	0.06	ng	# 23
4) n-Nitrosodimethylamine	2.87	42	252	0.08	ng	# 74
6) Aniline	6.38	93	3015	0.29	ng	96
8) 2-Chlorophenol	6.50	128	4054	0.67	ng	85
9) Benzaldehyde	6.26	77	2874	0.59	ng	96
10) Phenol	6.36	94	2809	0.34	ng	# 71
11) bis(2-Chloroethyl)ether	6.44	93	4369	0.71	ng	99
12) 1,3-Dichlorobenzene	6.66	146	4514m	0.68	ng	
13) 1,4-Dichlorobenzene	6.73	146	4743m	0.72	ng	
14) 1,2-Dichlorobenzene	6.89	146	4758	0.77	ng	96
15) Benzyl Alcohol	6.86	79	3184	0.60	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	5399	0.61	ng	90
17) 2-Methylphenol	6.98	107	2629	0.54	ng	96
18) Hexachloroethane	7.23	117	1860	0.73	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	3810	0.78	ng	88
20) 3+4-Methylphenols	7.13	107	3933	0.67	ng	# 62
22) Acetophenone	7.13	105	7171	0.89	ng	# 94
24) Nitrobenzene	7.30	77	5226	0.82	ng	95
25) Isophorone	7.54	82	9917	0.84	ng	96
26) 2-Nitrophenol	7.62	139	1970	0.75	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	3786	0.69	ng	93
28) bis(2-Chloroethoxy)methane	7.76	93	6710	0.88	ng	# 94
29) 2,4-Dichlorophenol	7.86	162	3433	0.78	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	4025	0.83	ng	# 95
31) Naphthalene	8.02	128	15469	0.94	ng	99
33) 4-Chloroaniline	8.08	127	3321	0.45	ng	96
34) Hexachlorobutadiene	8.15	225	2100	0.81	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	4064	0.78	ng	98
37) 2-Methylnaphthalene	8.72	142	9905	0.94	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3908	0.72	ng	# 1
40) Hexachlorocyclopentadiene	8.88	237	925	0.35	ng	87
42) 2,4,6-Trichlorophenol	8.99	196	2681	0.75	ng	97
43) 2,4,5-Trichlorophenol	9.03	196	2560	0.83	ng	# 78

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.18	154	12141	0.90	nq	98
46) 2-Chloronaphthalene	9.20	162	9732	0.92	nq	98
47) 2-Nitroaniline	9.29	65	2814	0.75	nq	90
48) Acenaphthylene	9.61	152	15772	0.94	nq	99
49) Dimethylphthalate	9.47	163	16704	1.44	nq	98
50) 2,6-Dinitrotoluene	9.54	165	1914	0.75	nq	93
51) Acenaphthene	9.78	154	10060	0.98	nq	100
52) 3-Nitroaniline	9.70	138	1727	0.53	nq	# 95
54) Dibenzofuran	9.95	168	14509	1.07	nq	# 88
55) 4-Nitrophenol	9.87	139	1763	0.71	nq	# 85
56) 2,4-Dinitrotoluene	9.94	165	2389	0.71	nq	# 89
57) Fluorene	10.30	166	11927	1.15	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1921	0.81	nq	# 50
59) Diethylphthalate	10.17	149	10833	0.93	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	5032	1.04	nq	94
61) 4-Nitroaniline	10.30	138	1958	0.62	nq	# 70
62) Azobenzene	10.44	77	11586	0.87	nq	89
65) n-Nitrosodiphenylamine	10.41	169	10105	0.97	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	2817	0.91	nq	# 68
67) Hexachlorobenzene	10.85	284	3322	0.96	nq	# 81
68) Atrazine	10.95	200	3599	1.11	nq	90
69) Pentachlorophenol	11.04	266	3522	1.73	nq	97
70) Phenanthrene	11.26	178	14816	0.88	nq	99
71) Anthracene	11.30	178	16796	1.00	nq	97
72) Carbazole	11.46	167	13782	0.87	nq	98
73) Di-n-butylphthalate	11.81	149	19661	1.07	nq	100
74) Fluoranthene	12.43	202	14833	0.87	nq	98
77) Pvrene	12.66	202	14006	0.94	nq	97
79) Butylbenzylphthalate	13.29	149	7104	1.07	nq	# 87
80) Benzo(a)anthracene	13.84	228	10063	0.89	nq	96
81) 3,3'-Dichlorobenzidine	13.82	252	1121	0.26	nq	# 92
82) Chrysene	13.87	228	8455	0.76	nq	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	10787	1.43	nq	# 97
84) Di-n-octyl phthalate	14.46	149	11412	0.89	nq	# 100
85) Indeno(1,2,3-cd)pvrene	16.51	276	9096	1.06	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	7951m	0.78	nq	
88) Benzo(k)fluoranthene	14.87	252	7376m	0.83	nq	
89) Benzo(a)pyrene	15.17	252	7476	0.87	nq	# 82
90) Dibenzo(a,h)anthracene	16.53	278	7592	1.06	nq	# 86
91) Benzo(g,h,i)perylene	16.90	276	7322	0.98	nq	98

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

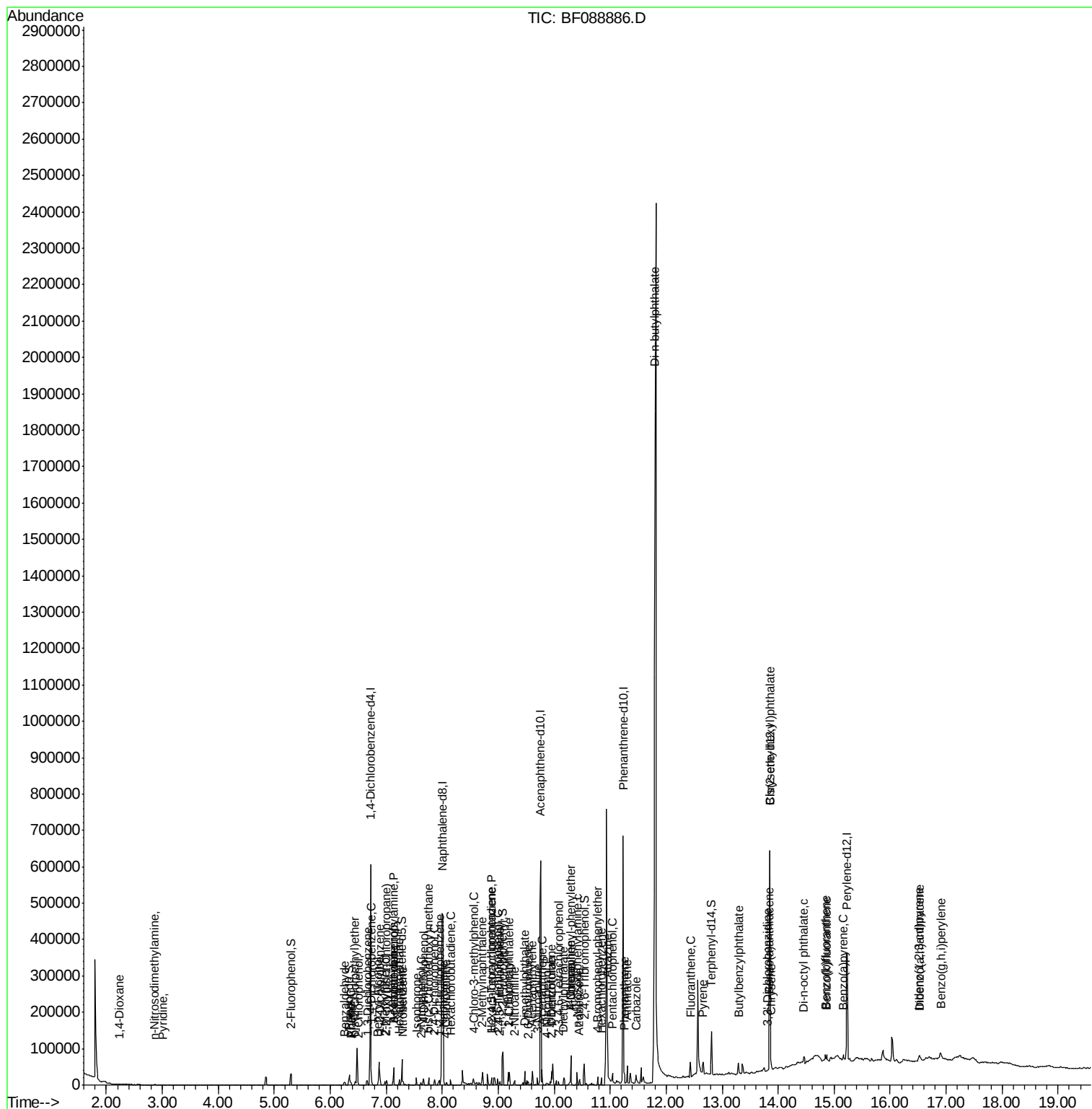
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
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ALS Vial : 24 Sample Multiplier: 1

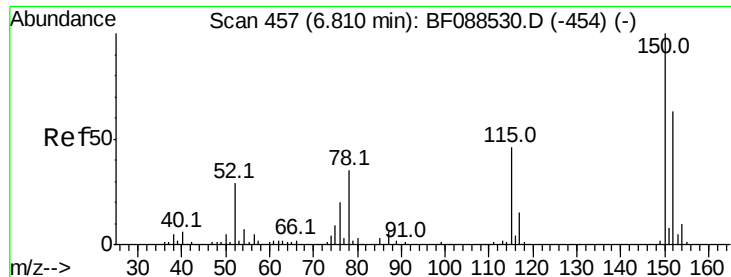
Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion:152 Resp: 83888

Ion Ratio Lower Upper

152 100

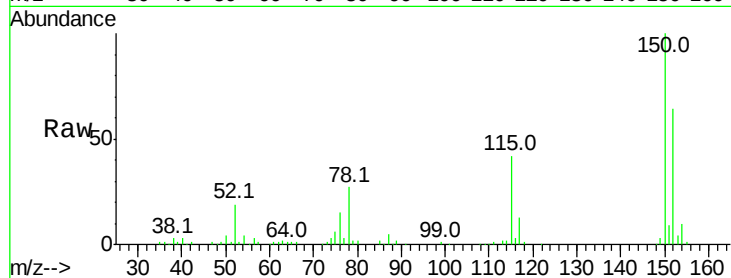
150 157.1 123.8 185.6

115 66.2 39.6 59.4#

Manual Integrations

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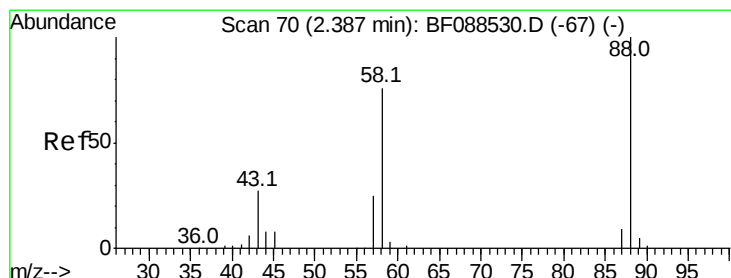
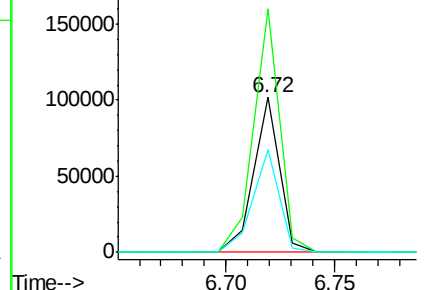
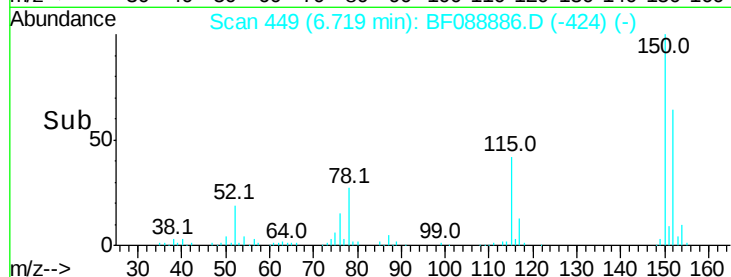
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.50 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

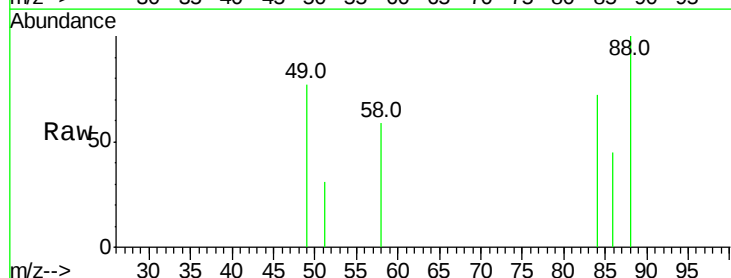
Tgt Ion: 88 Resp: 1391

Ion Ratio Lower Upper

88 100

58 45.9 0.0 0.0#

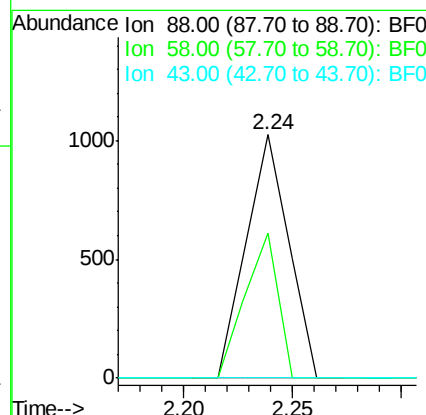
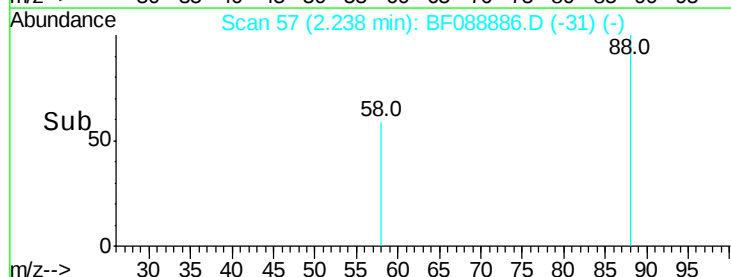
43 0.0 3.4 5.2#

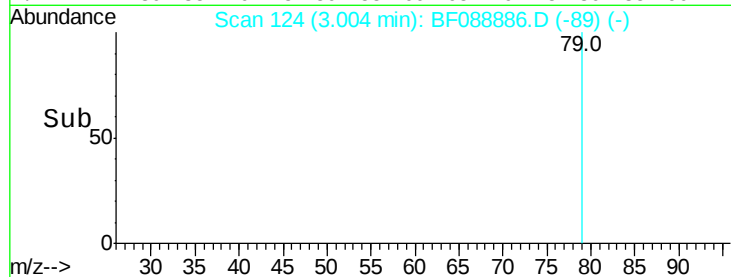
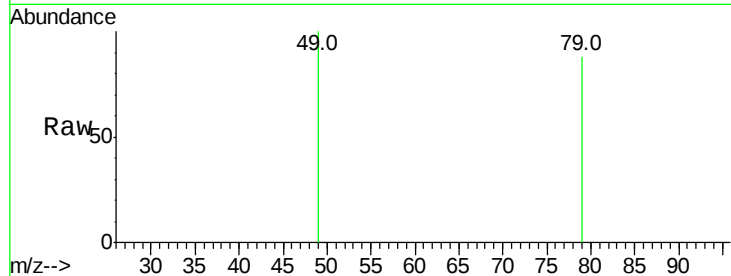
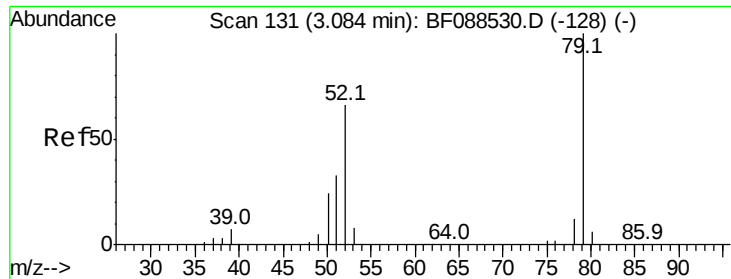


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





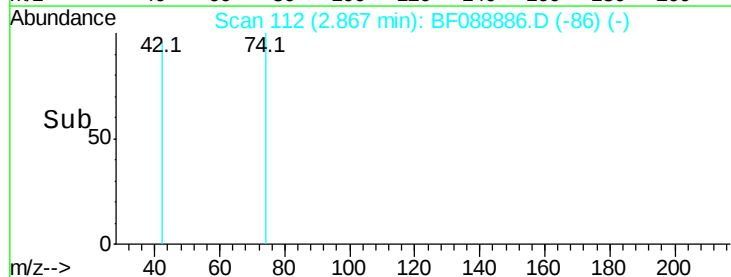
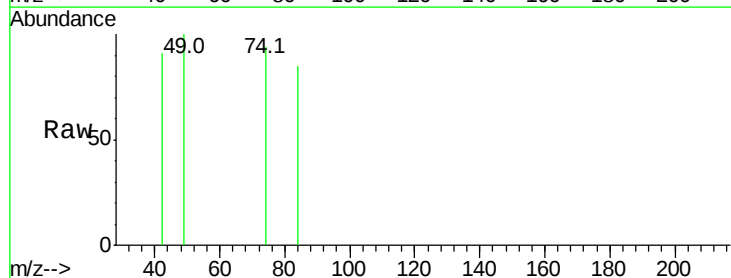
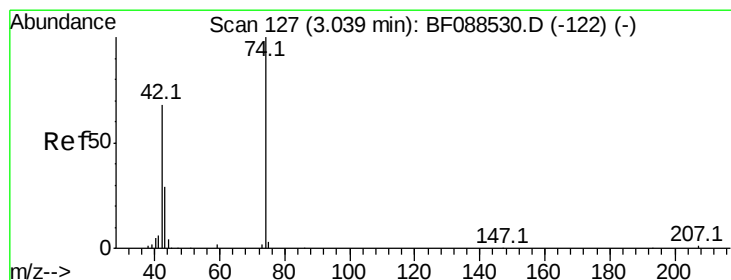
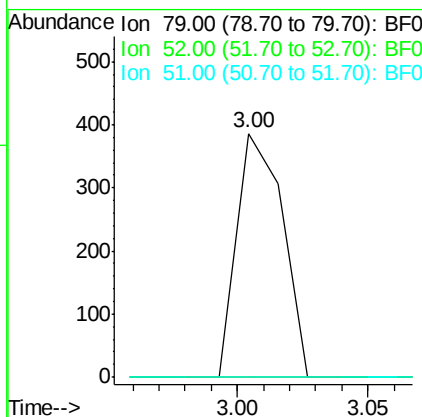
#3
 Pvridine
 Concen: 0.06 ng
 RT: 3.00 min Scan# 124
 Delta R.T. 0.10 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	0.0	56.3	84.5#
51	0.0	27.4	41.2#

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 ClientSampleId :
 P001-WW001-01MS

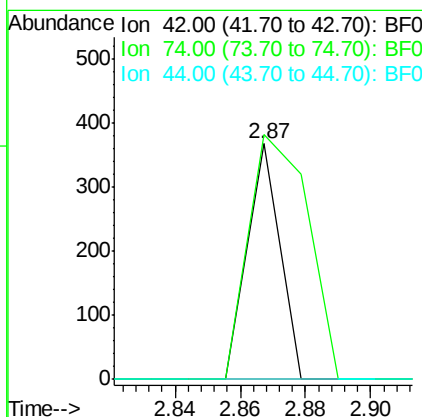
Manual Integrations

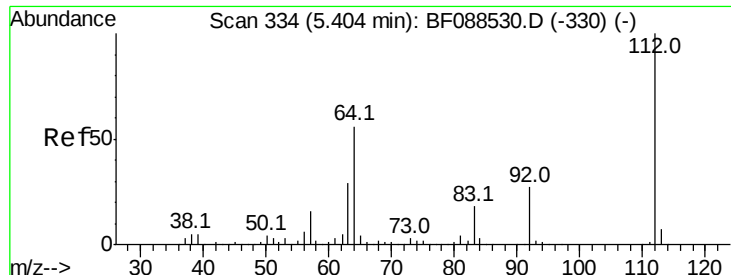
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#4
 n-Nitrosodimethylamine
 Concen: 0.08 ng
 RT: 2.87 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.8	108.6	163.0#
44	0.0	5.5	8.3#





#5

2-Fluorophenol

Concen: 2.45 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088886.D

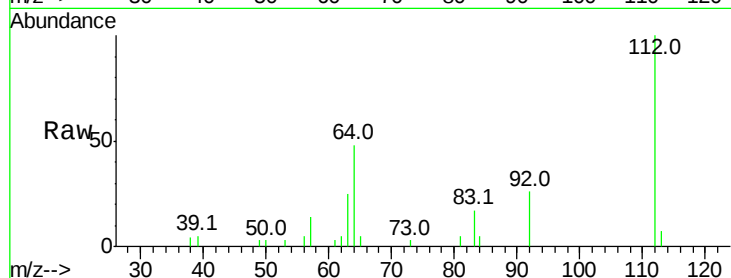
Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

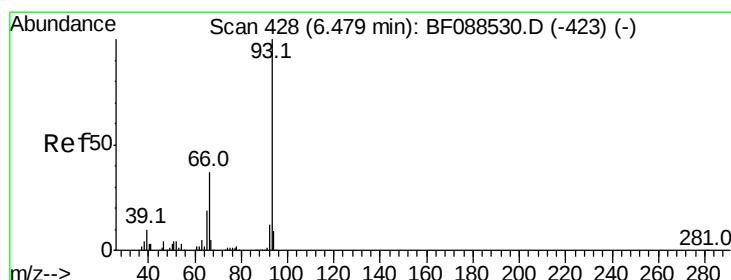
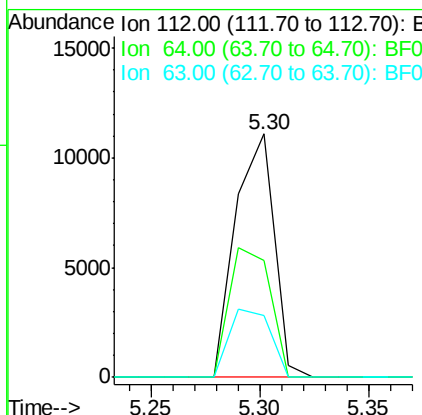
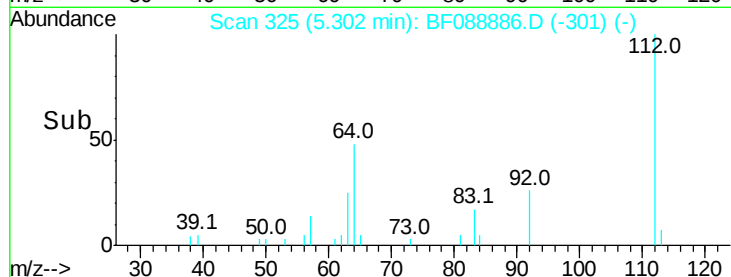


Tot Ion:	112	Resp:	13699
Ion Ratio	Lower	Upper	
112	100		
64	48.1	42.2	63.2
63	25.4	21.8	32.8

Manual Integrations

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#6

Aniline

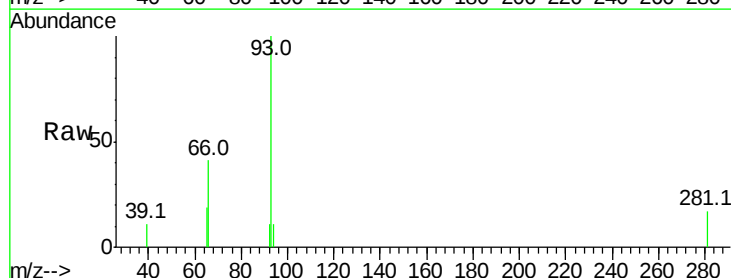
Concen: 0.29 ng

RT: 6.38 min Scan# 419

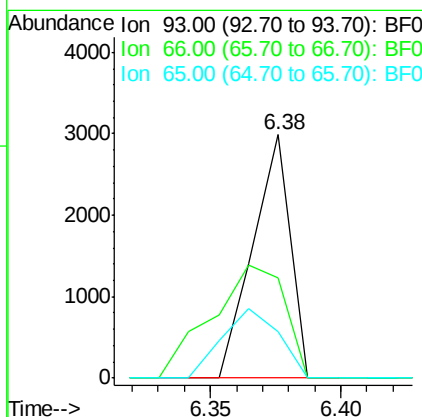
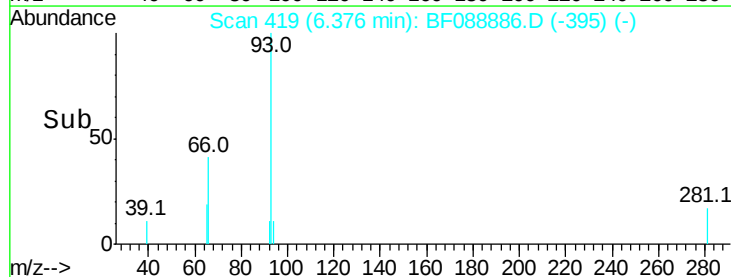
Delta R.T. -0.02 min

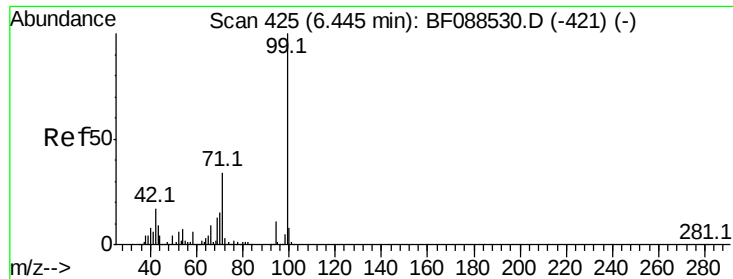
Lab File: BF088886.D

Acq: 9 Jul 2016 22:29



Tgt Ion:	93	Resp:	3015
Ion Ratio	Lower	Upper	
93	100		
66	41.0	29.8	44.8
65	18.8	14.9	22.3





#7

Phenol-d6

Concen: 1.64 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088886.D

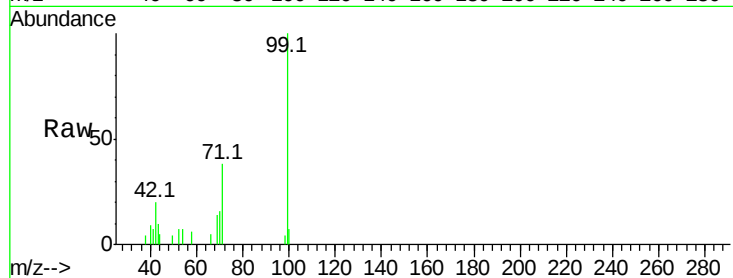
Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

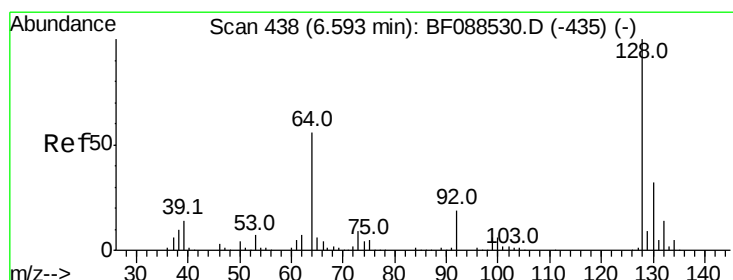
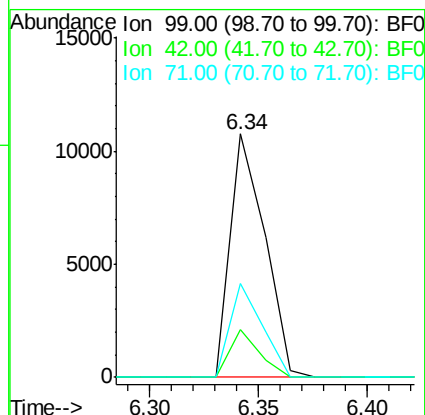
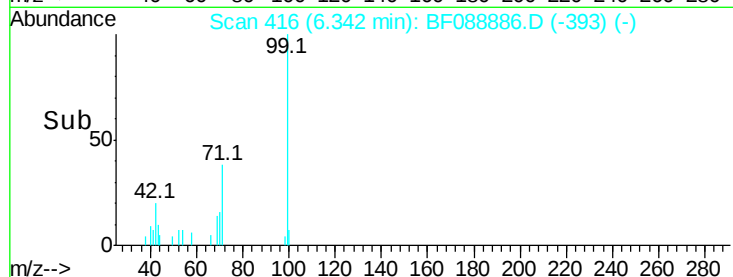


Tot Ion	99	Resp	11842
Ion Ratio	Lower	Upper	
99	100		
42	19.6	12.2	18.2#
71	38.3	23.4	35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 0.67 ng

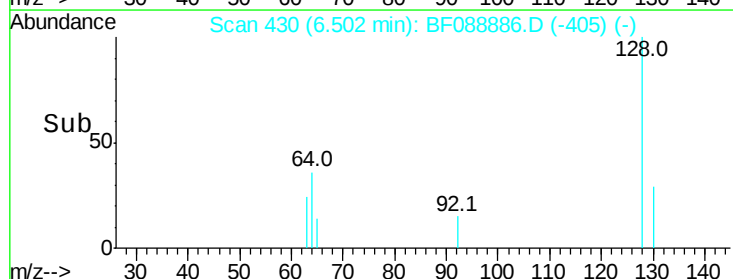
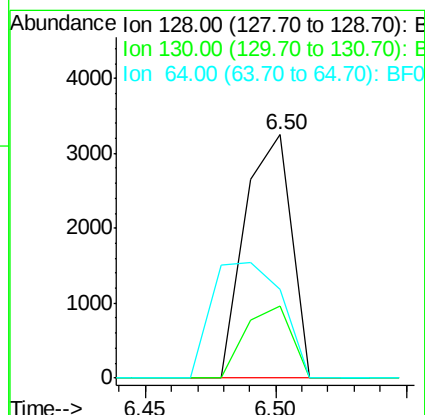
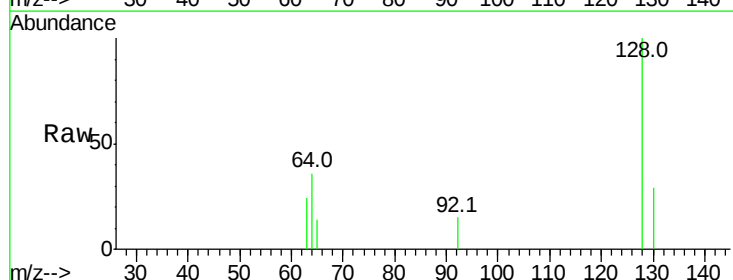
RT: 6.50 min Scan# 430

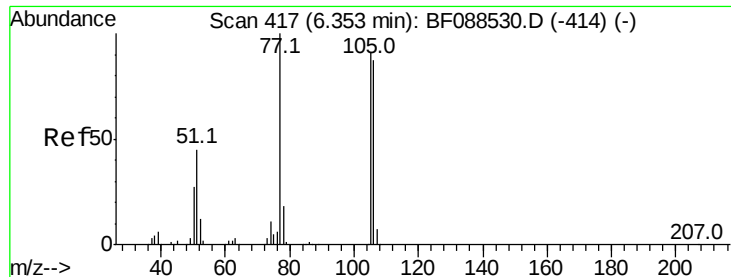
Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Tgt Ion	128	Resp	4054
Ion Ratio	Lower	Upper	
128	100		
130	29.5	12.0	52.0
64	36.2	30.8	70.8





#9

Benzaldehyde

Concen: 0.59 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion: 77 Resp: 2874

Ion Ratio Lower Upper

77 100

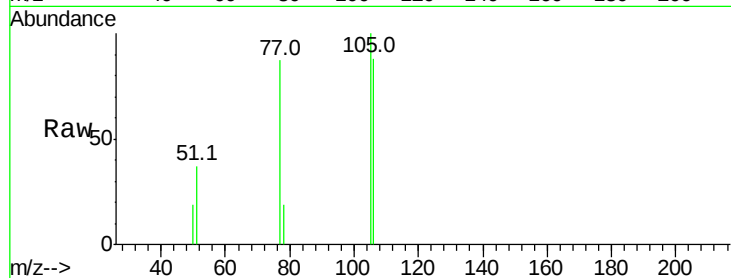
105 114.6 90.6 130.6

106 100.9 85.3 125.3

Manual Integrations

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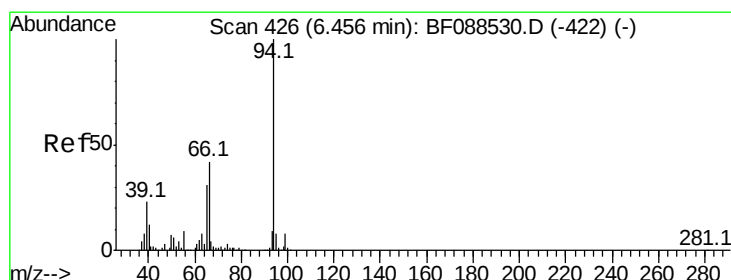
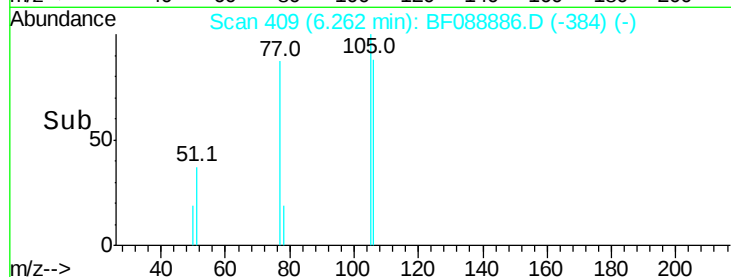
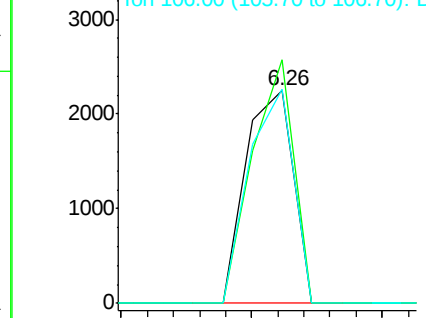
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.34 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

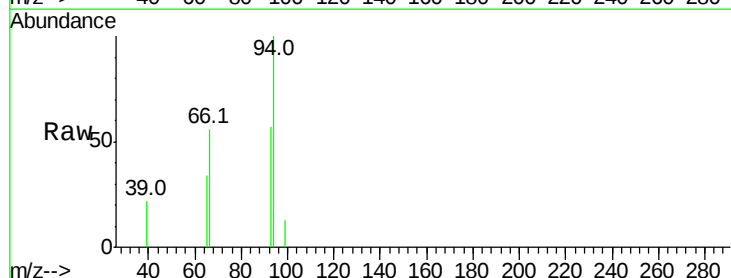
Tgt Ion: 94 Resp: 2809

Ion Ratio Lower Upper

94 100

65 34.3 5.9 45.9

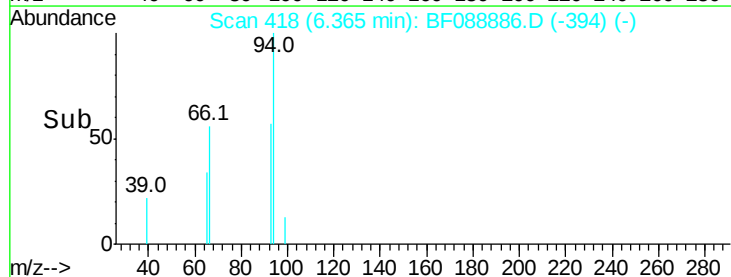
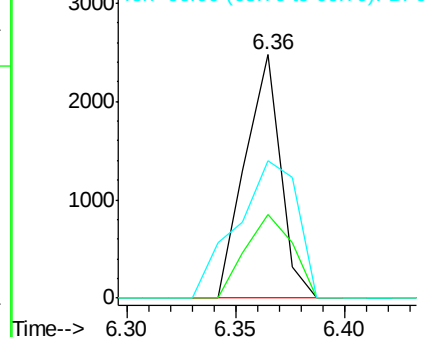
66 56.3 14.0 54.0#

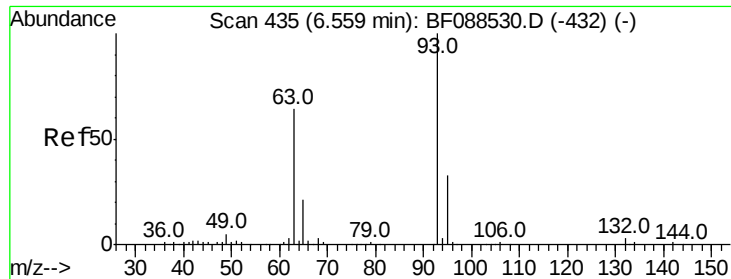


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





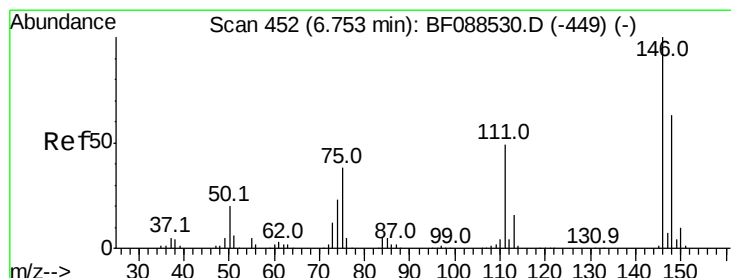
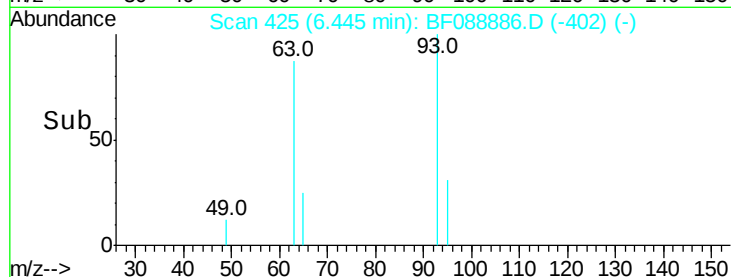
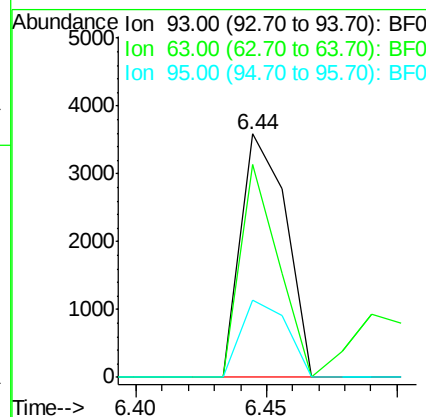
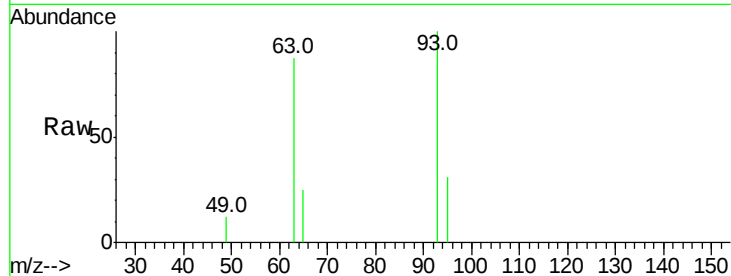
#11
bis(2-Chloroethyl)ether
Concen: 0.71 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion: 93 Resp: 4369
Ion Ratio Lower Upper
93 100
63 87.4 67.6 107.6
95 31.4 12.5 52.5

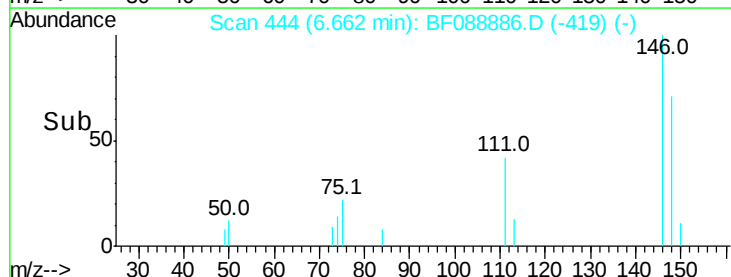
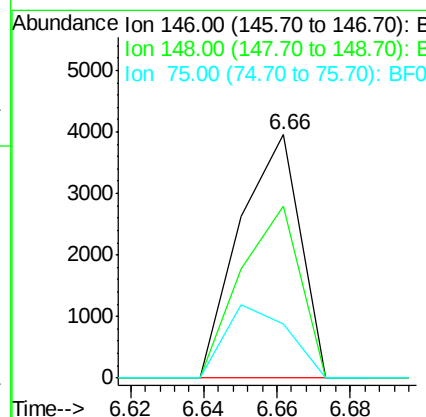
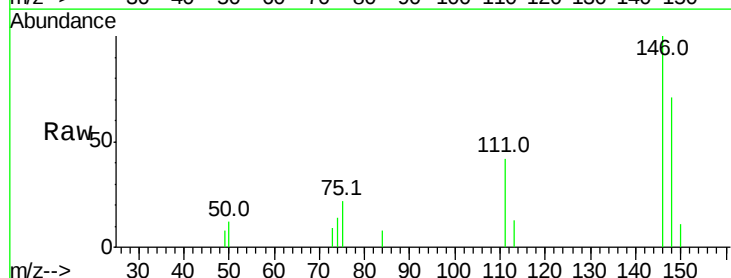
Manual Integrations

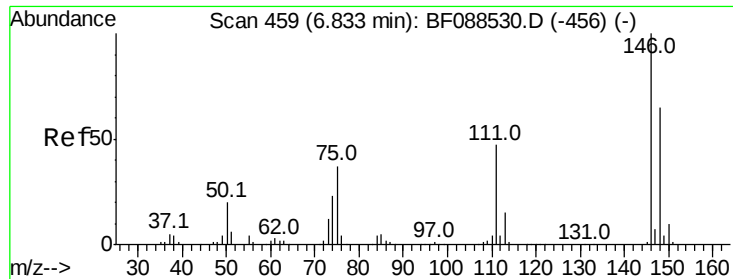
sohil
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#12
1,3-Dichlorobenzene
Concen: 0.68 ng m
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion: 146 Resp: 4514
Ion Ratio Lower Upper
146 100
148 70.7 50.9 76.3
75 22.0 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 0.72 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion:146 Resp: 4743

Ion Ratio Lower Upper

146 100

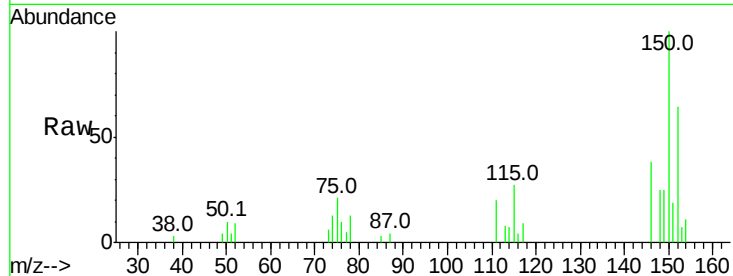
148 64.6 52.0 78.0

111 52.4 33.8 50.8#

Manual Integrations

sohil

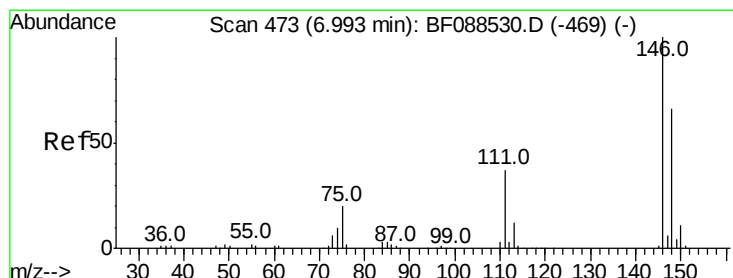
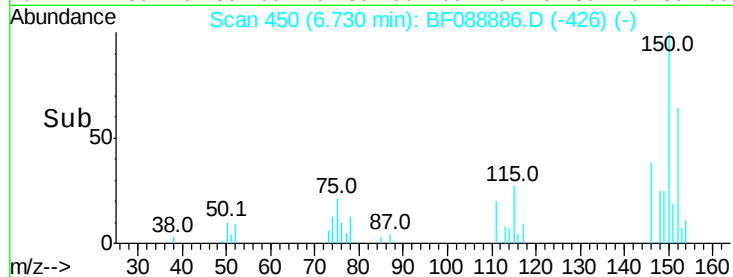
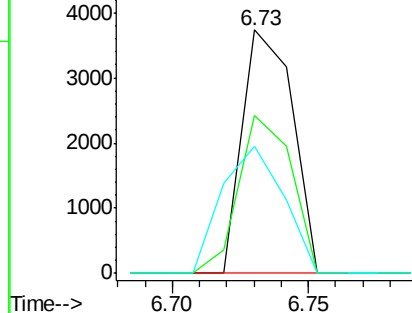
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.77 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

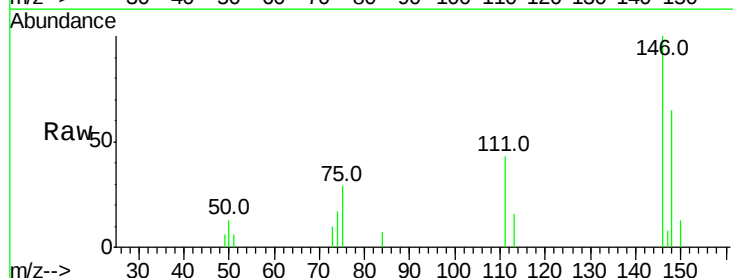
Tgt Ion:146 Resp: 4758

Ion Ratio Lower Upper

146 100

148 65.5 52.3 78.5

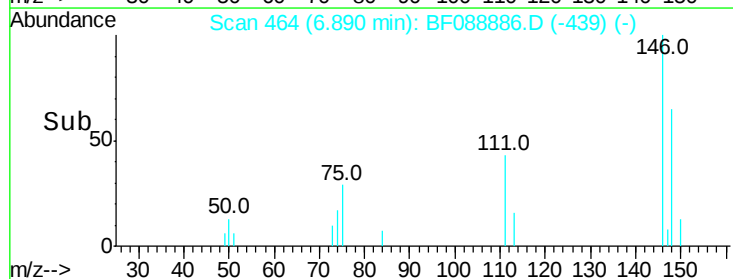
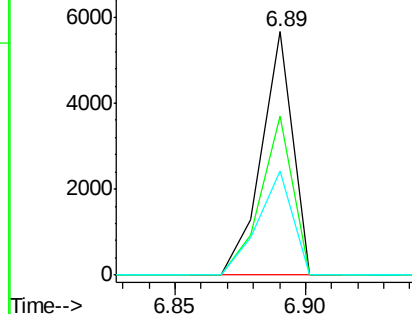
111 42.6 28.7 43.1

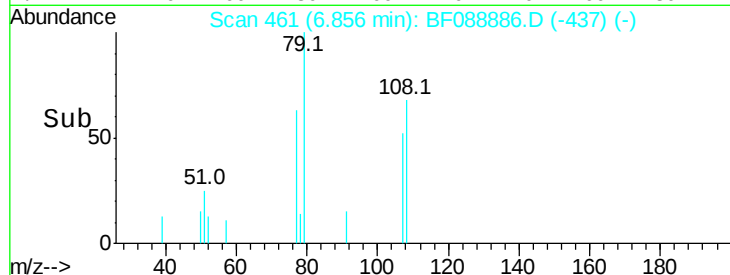
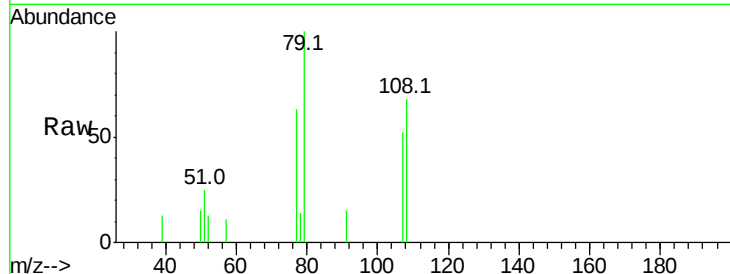
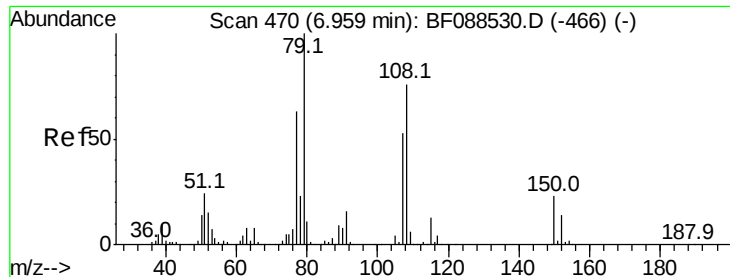


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





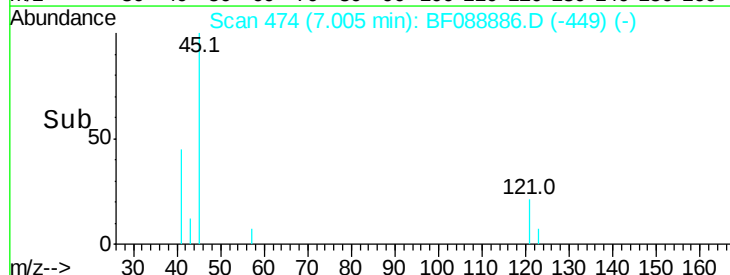
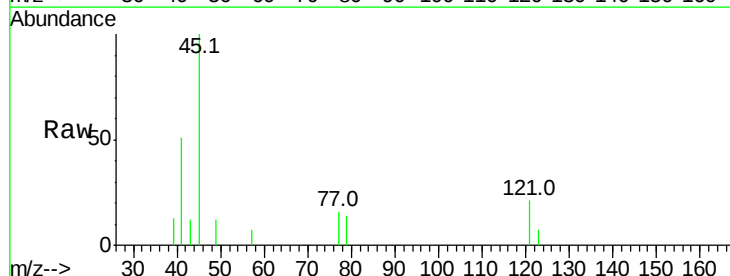
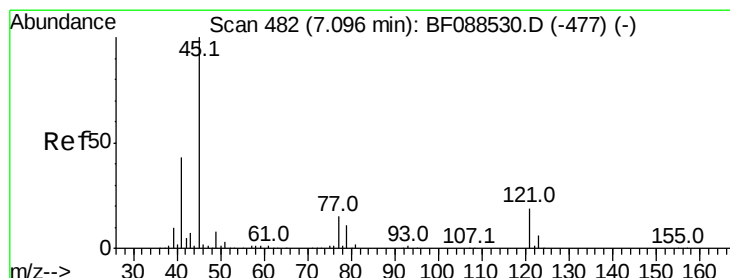
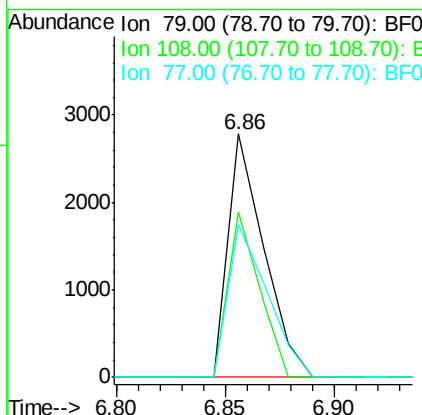
#15
Benzyl Alcohol
Concen: 0.60 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.8	65.0	97.6
77	62.9	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

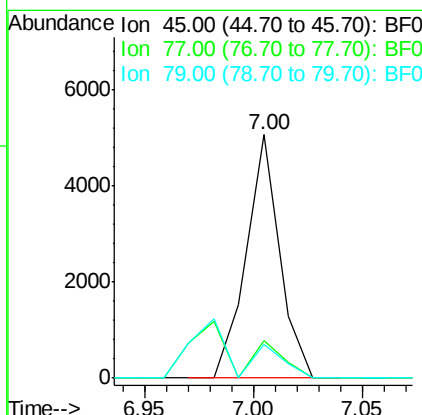
Manual Integrations

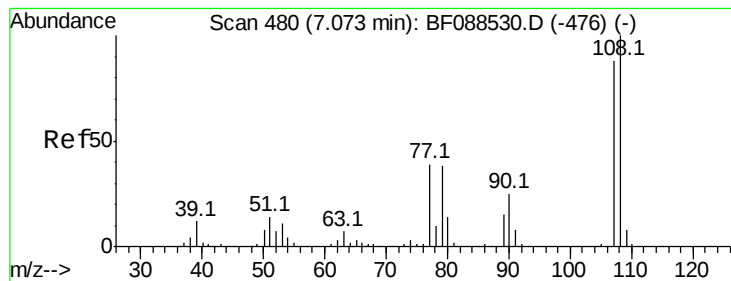
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.61 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	32.5
79	14.1	0.0	29.5





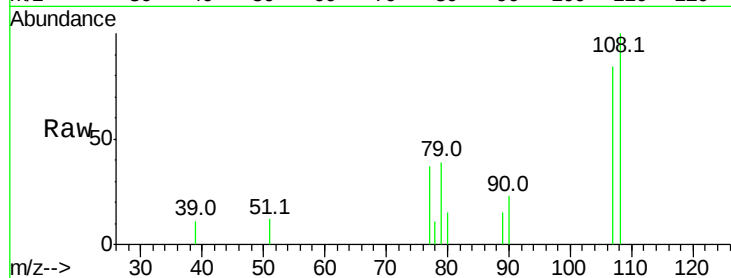
#17
2-Methylphenol
Concen: 0.54 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

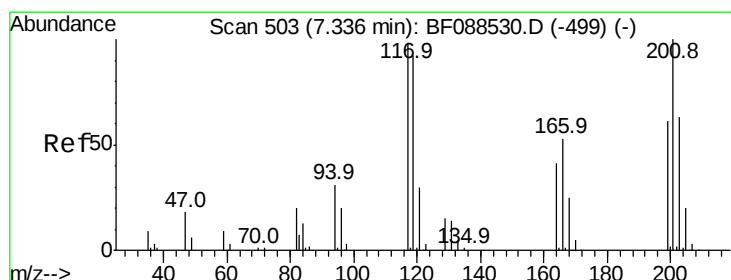
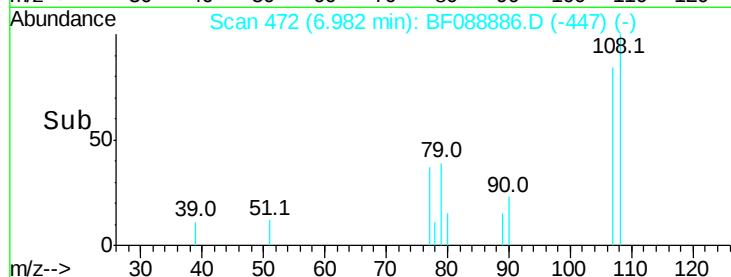
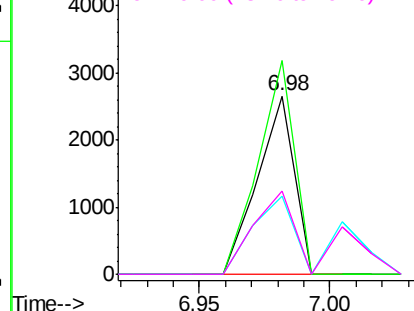
Tot Ion:	107	Resp:	2629
Ion	Ratio	Lower	Upper
107	100		
108	119.6	90.9	136.3
77	44.0	36.6	55.0
79	46.7	36.5	54.7

Manual Integrations

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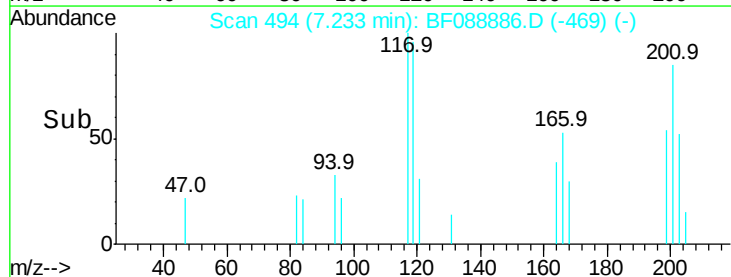
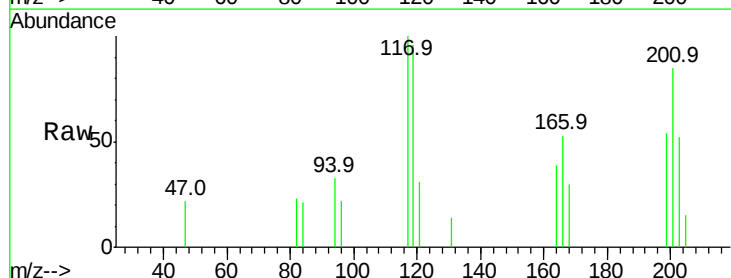
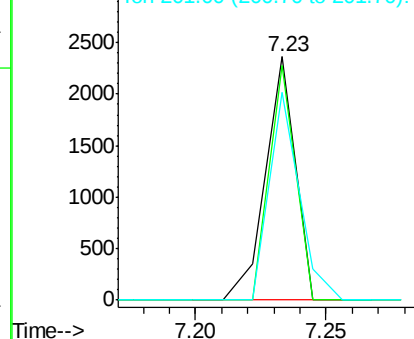
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

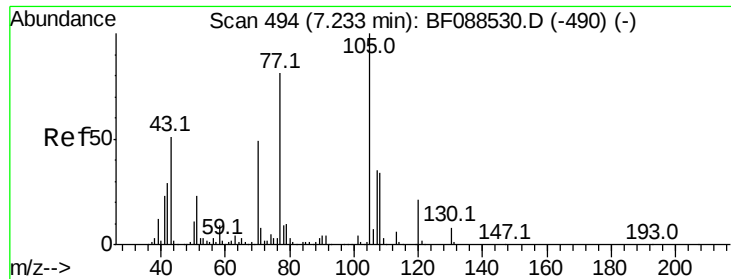


#18
Hexachloroethane
Concen: 0.73 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion:	117	Resp:	1860
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	85.4	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





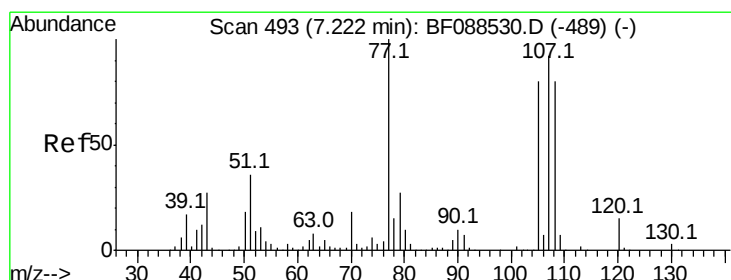
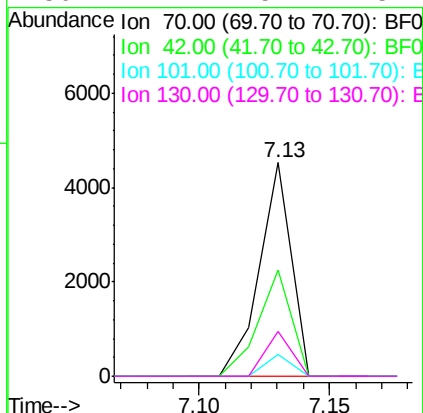
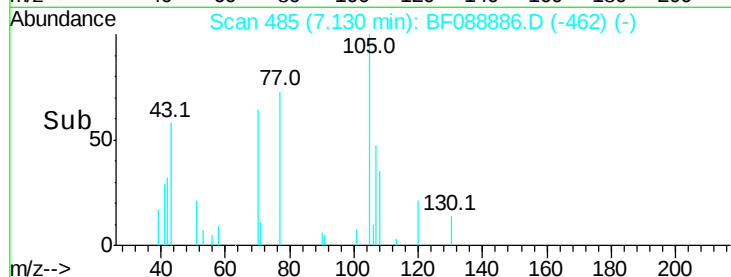
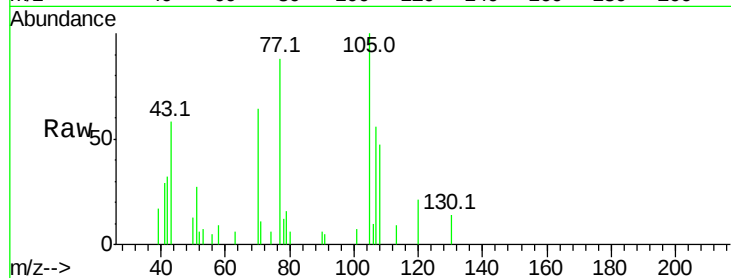
#19
n-Nitroso-di-n-propylamine
Concen: 0.78 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.7	49.6	74.4	
101	10.3	7.1	10.7	
130	21.1	15.4	23.2	

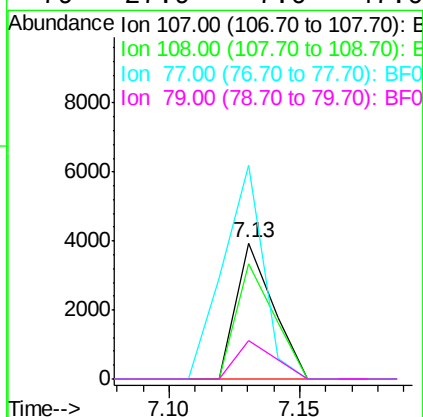
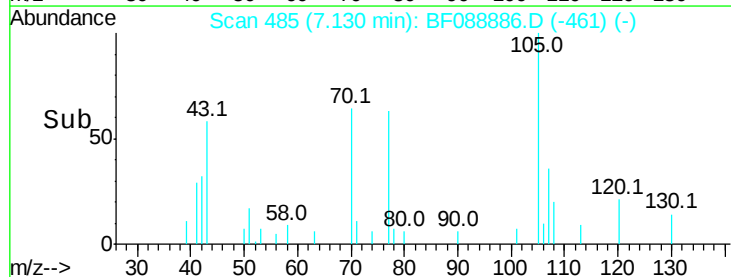
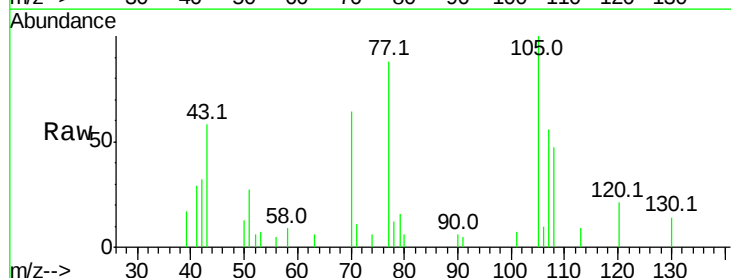
Manual Integrations

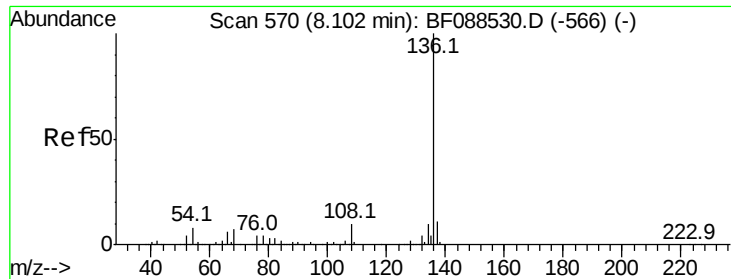
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#20
3+4-Methylphenols
Concen: 0.67 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.1	67.8	107.8	
77	156.8	59.3	99.3#	
79	27.9	7.0	47.0	





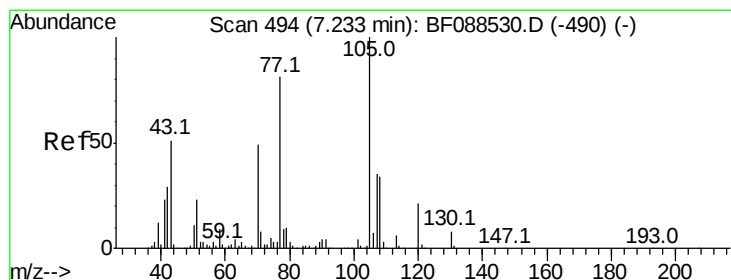
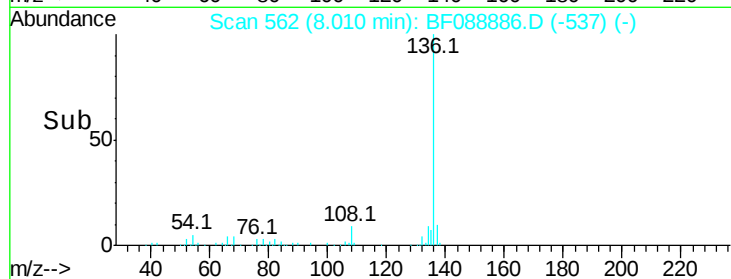
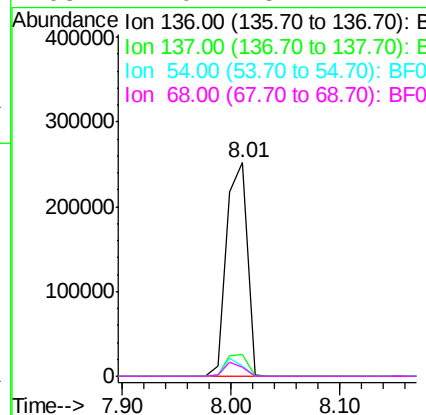
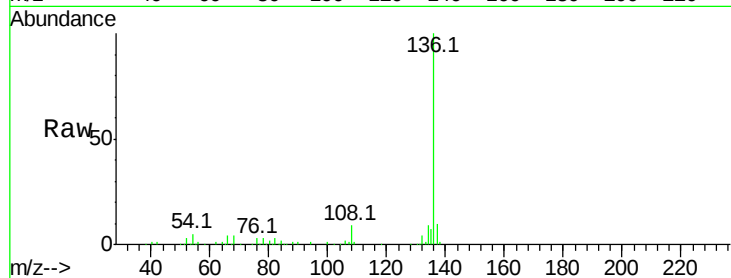
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.1	13.7	
54	4.7	6.6	10.0	
68	4.0	5.1	7.7	

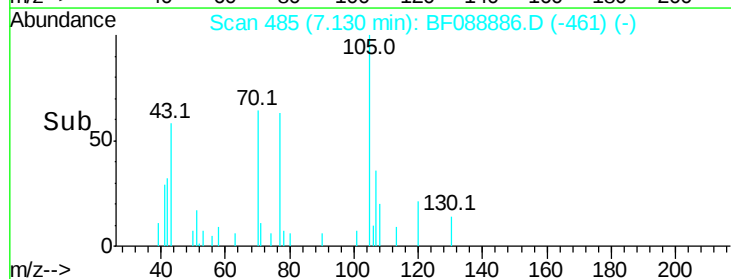
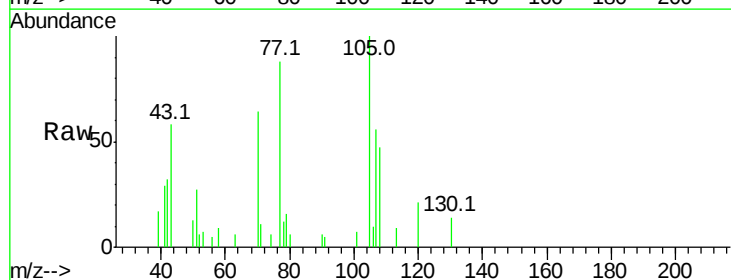
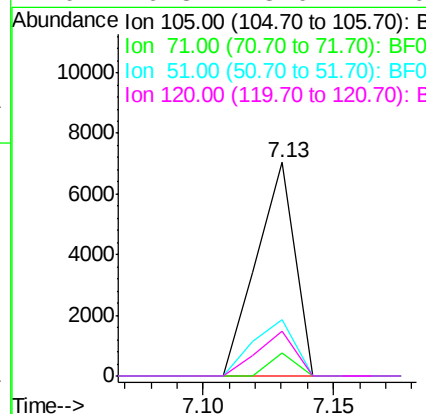
Manual Integrations

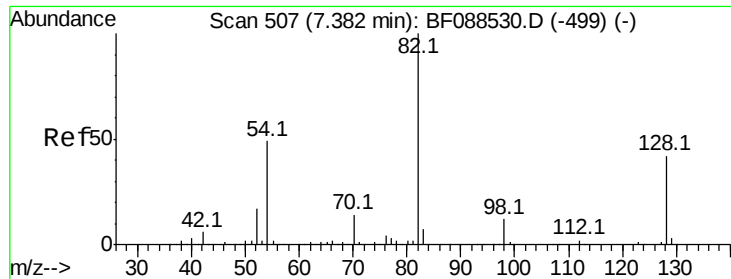
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#22
Acetophenone
Concen: 0.89 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.6	5.3	7.9	
51	26.6	18.2	27.4	
120	20.8	18.0	27.0	





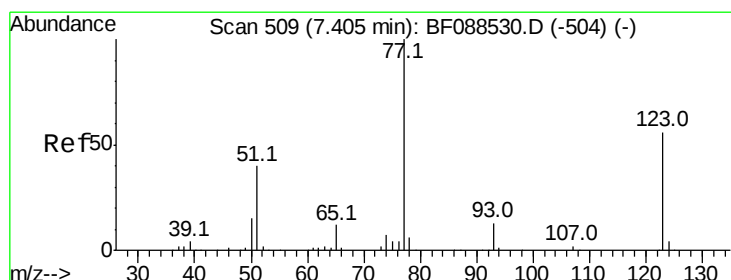
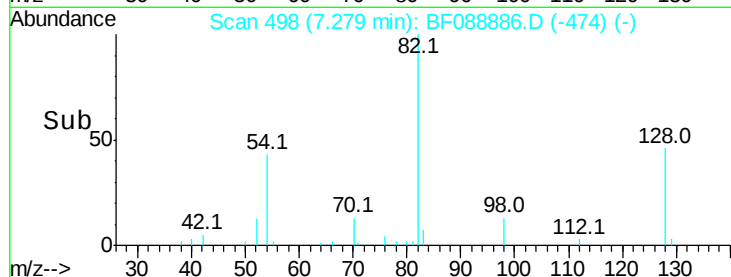
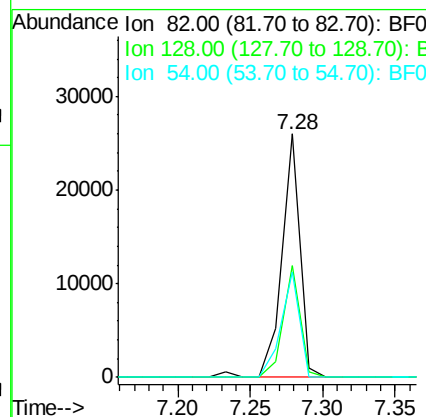
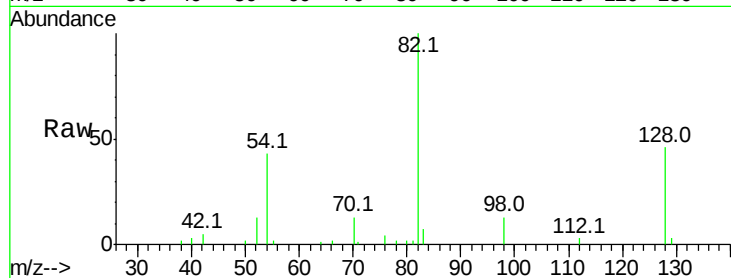
#23
 Nitrobenzene-d5
 Concen: 3.54 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tot Ion	82	Resp	22477
Ion Ratio	Lower	Upper	
82	100		
128	45.7	35.9	53.9
54	43.1	40.9	61.3

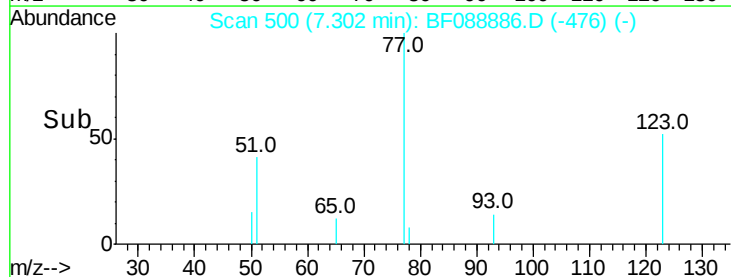
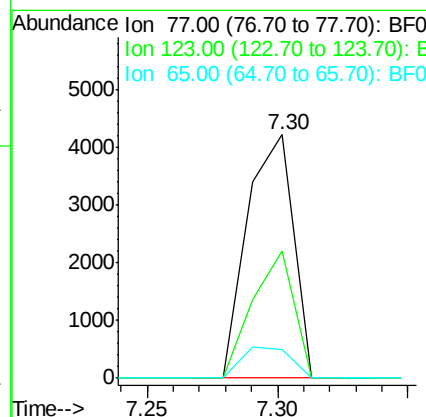
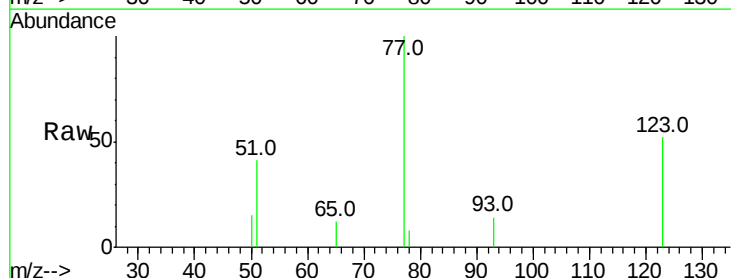
Manual Integrations

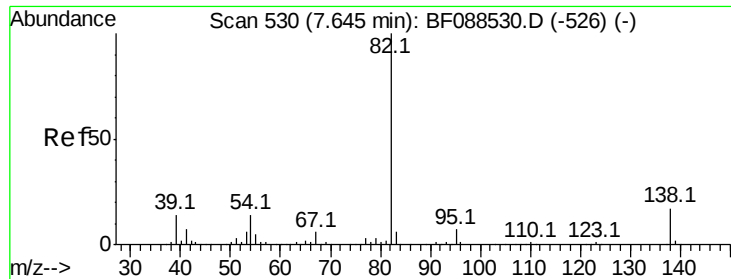
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#24
 Nitrobenzene
 Concen: 0.82 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion	77	Resp	5226
Ion Ratio	Lower	Upper	
77	100		
123	52.3	45.0	67.4
65	11.6	10.2	15.2





#25

Isophorone

Concen: 0.84 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

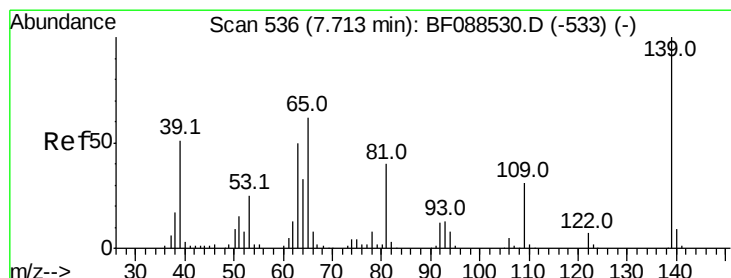
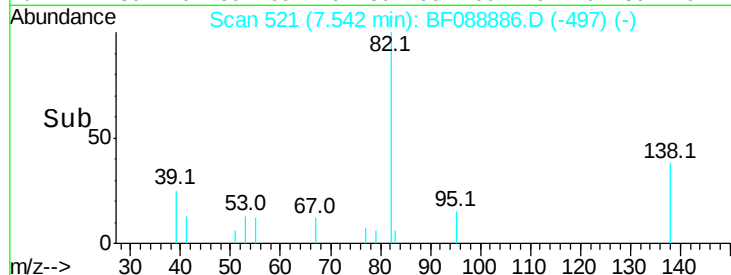
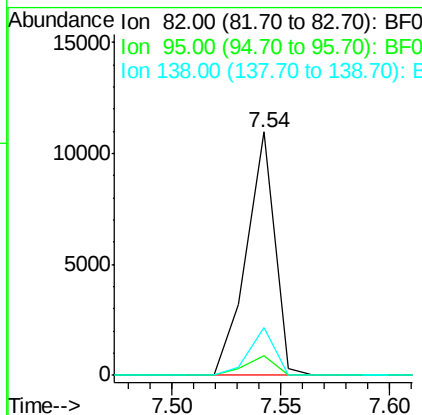
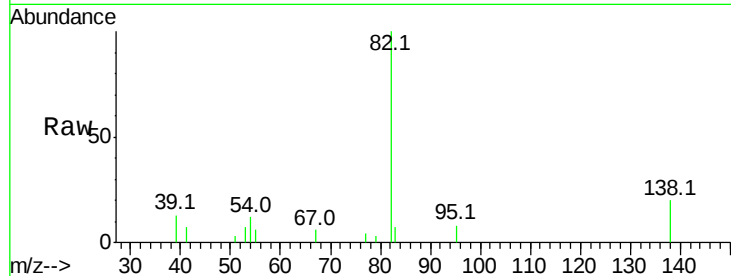
P001-WW001-01MS

Tot Ion:	82	Resp:	9917
Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.4	8.2
138	19.9	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 0.75 ng

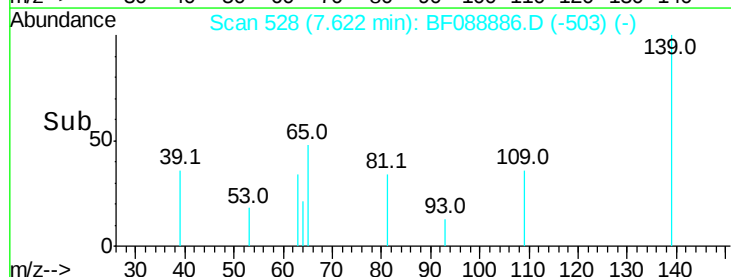
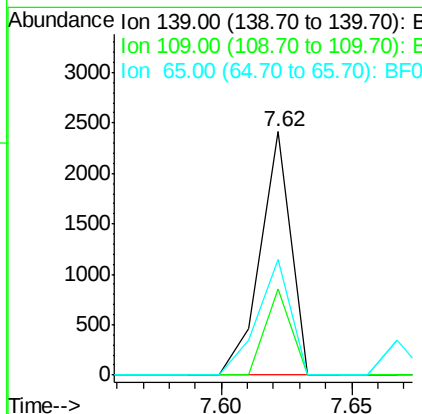
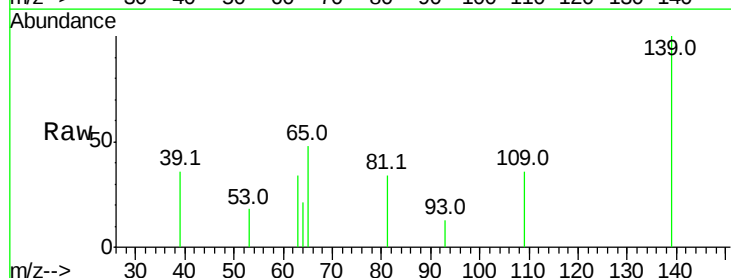
RT: 7.62 min Scan# 528

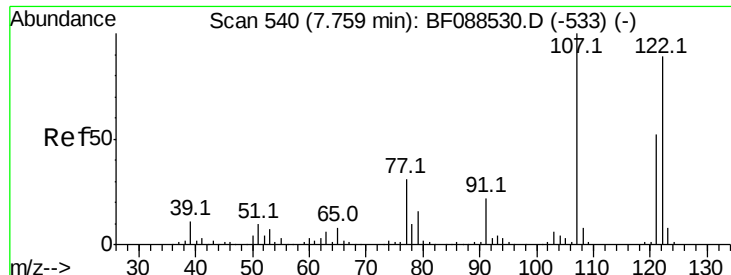
Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Tgt Ion:	139	Resp:	1970
Ion	Ratio	Lower	Upper
139	100		
109	35.5	23.0	34.4#
65	47.6	45.8	68.8





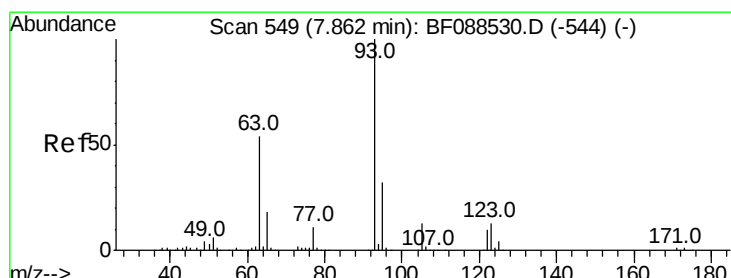
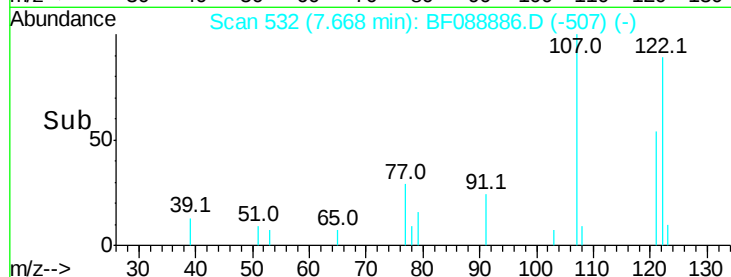
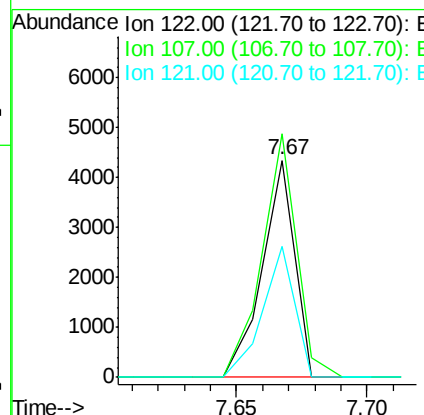
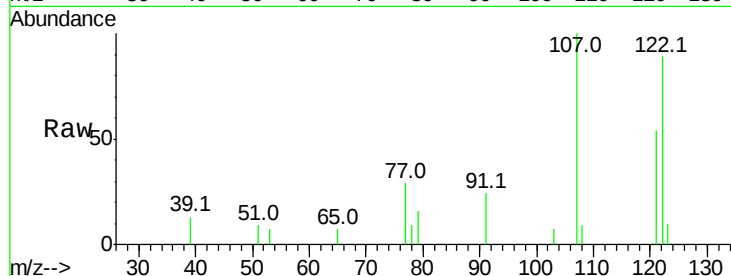
#27
2,4-Dimethylphenol
Concen: 0.69 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		3786		
107	112.1	82.4	123.6		
121	60.0	46.3	69.5		

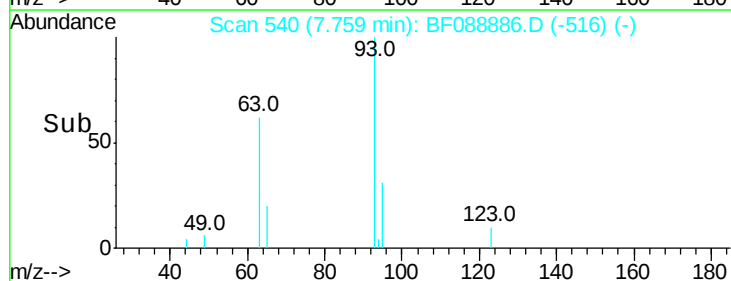
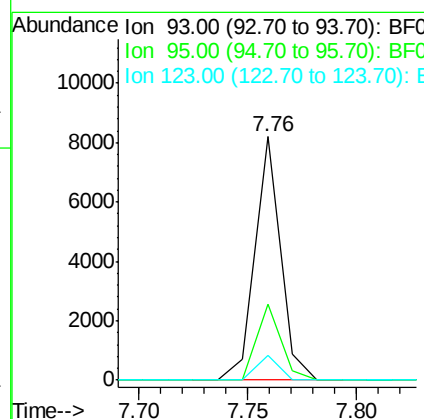
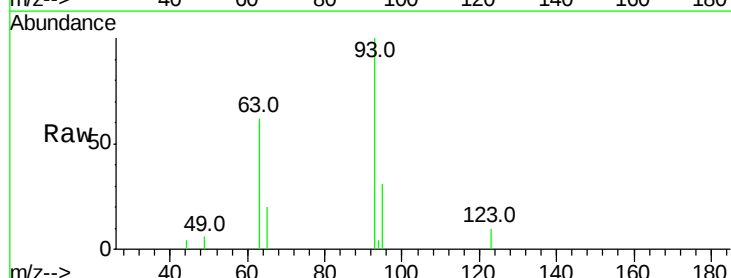
Manual Integrations

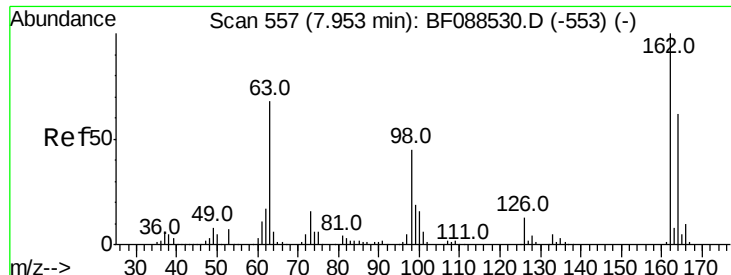
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#28
bis(2-Chloroethoxy)methane
Concen: 0.88 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		6710		
95	31.0	26.5	39.7		
123	10.3	11.6	17.4#		





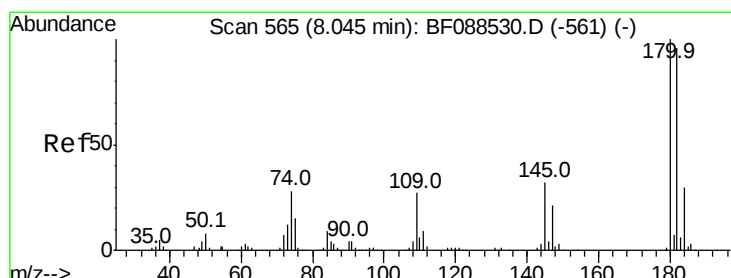
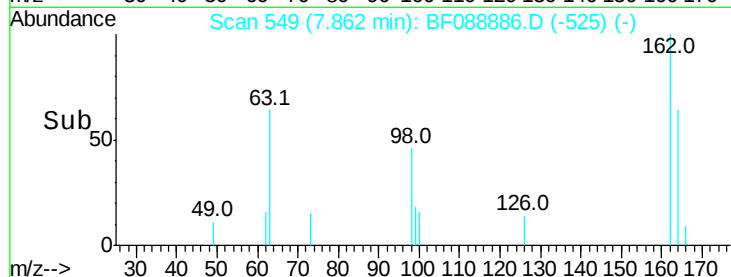
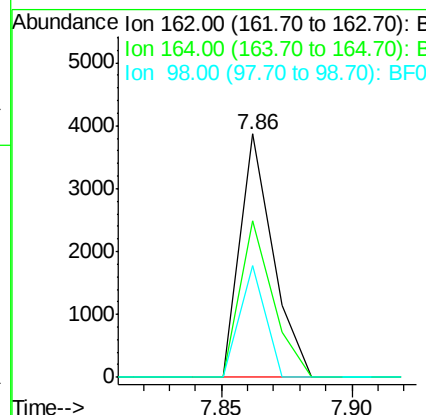
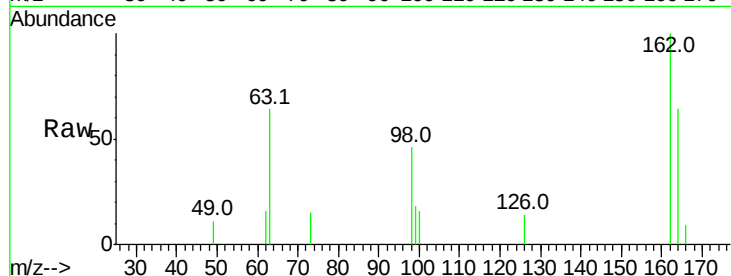
#29
 2,4-Dichlorophenol
 Concen: 0.78 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	46.1	21.3	61.3

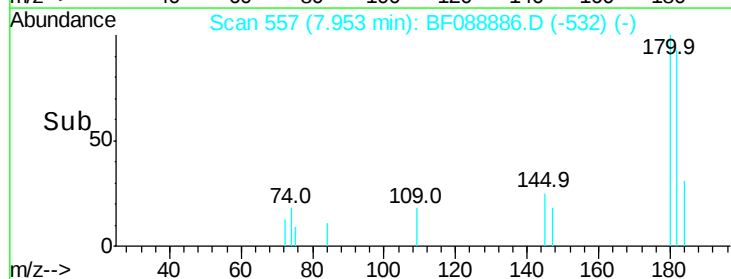
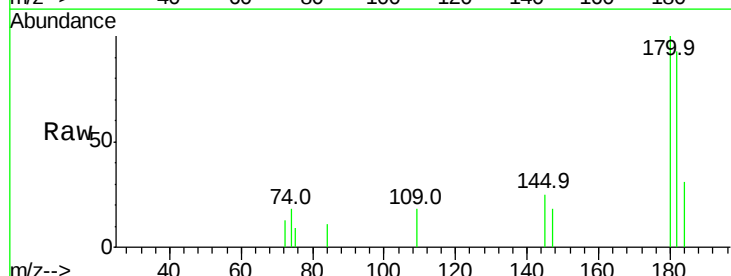
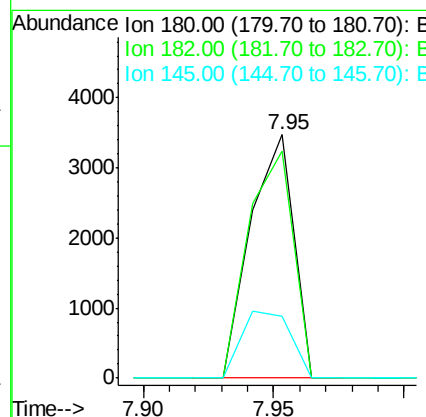
Manual Integrations

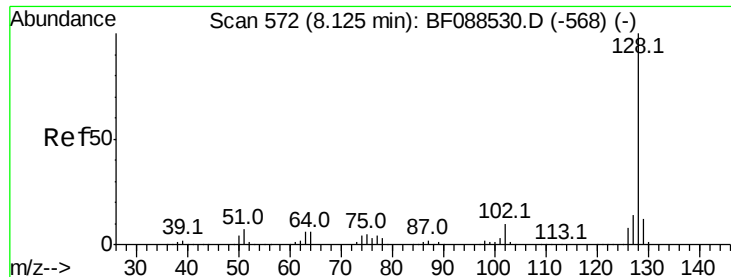
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#30
 1,2,4-Trichlorobenzene
 Concen: 0.83 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	25.2	26.5	39.7#





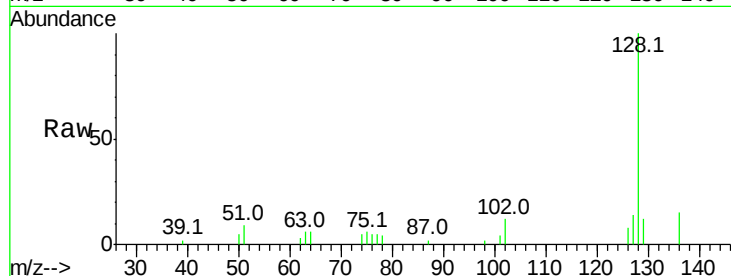
#31
Naphthalene
Concen: 0.94 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion:	128	Resp:	15469
Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.4	14.2
127	13.8	10.9	16.3

Manual Integrations

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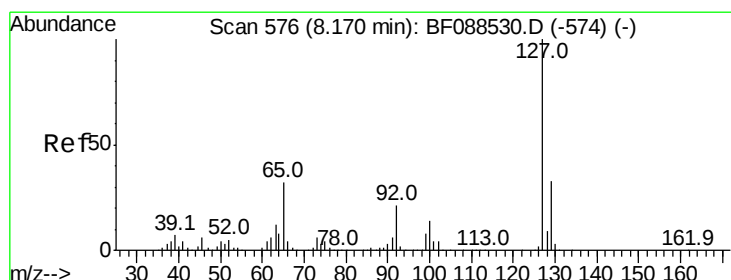
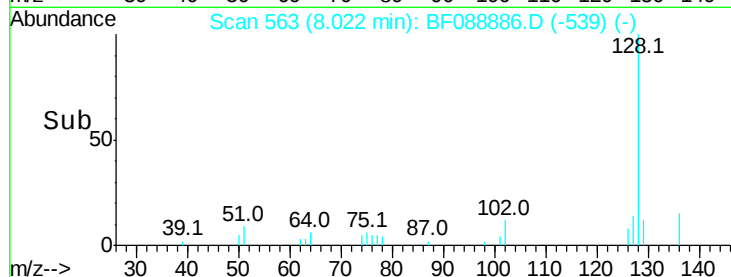
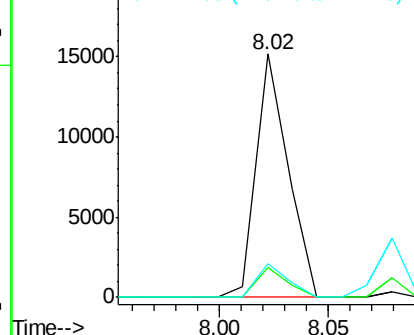


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 0.45 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion:	127	Resp:	3321
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.3	39.5
65	26.5	24.7	37.1
92	20.2	15.4	23.0

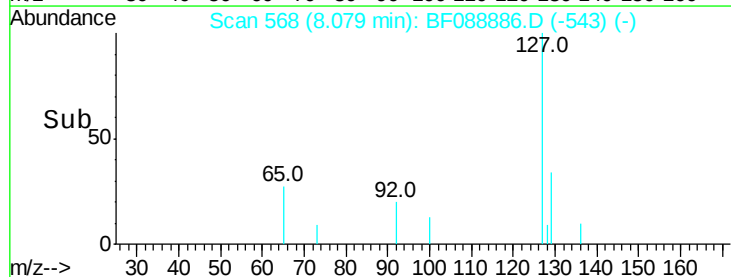
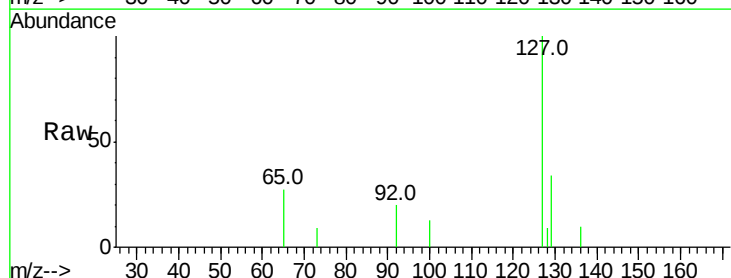
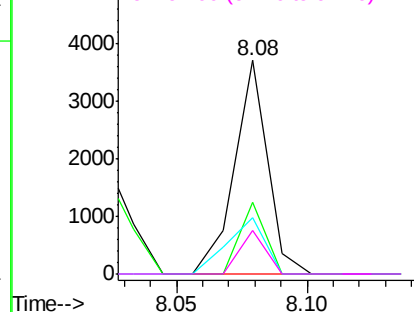
Abundance

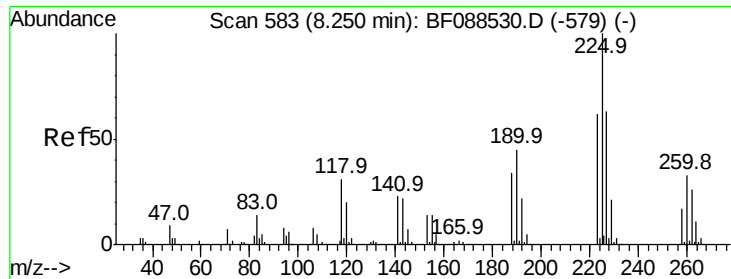
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





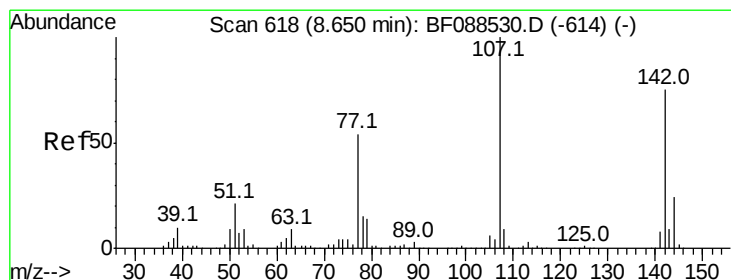
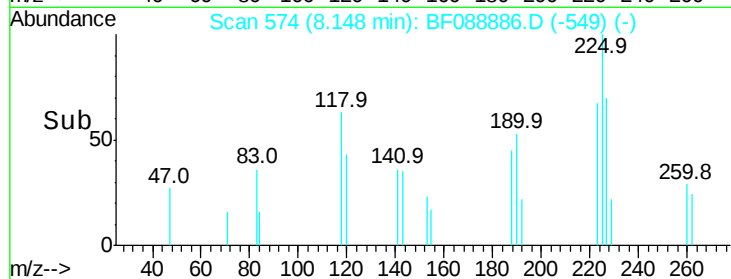
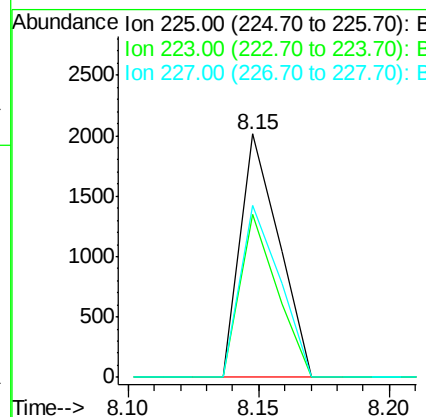
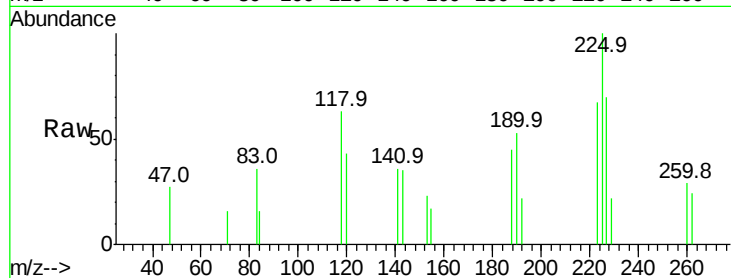
#34
Hexachlorobutadiene
Concen: 0.81 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	67.2	50.9	76.3
227	70.4	51.9	77.9

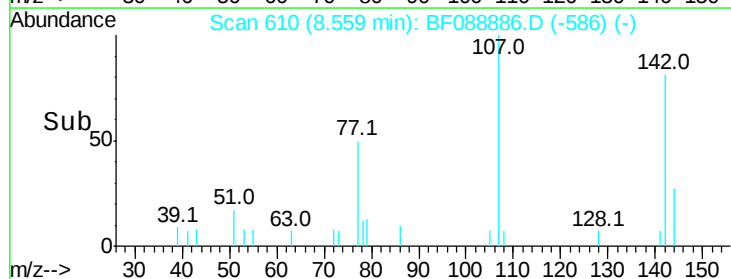
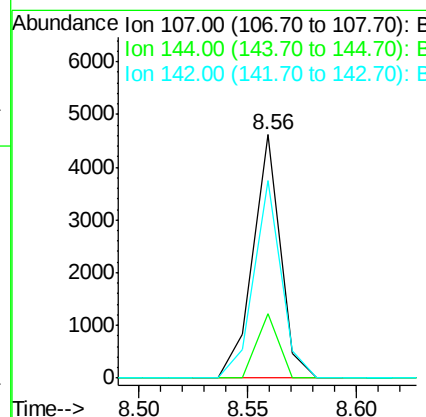
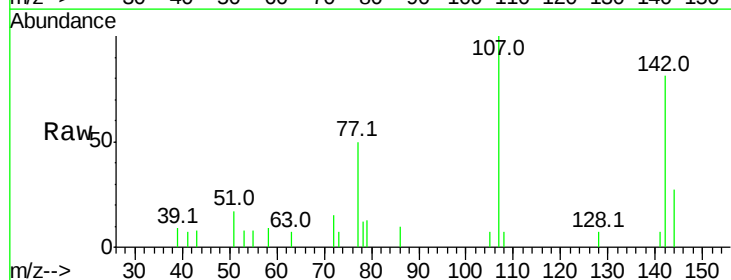
Manual Integrations

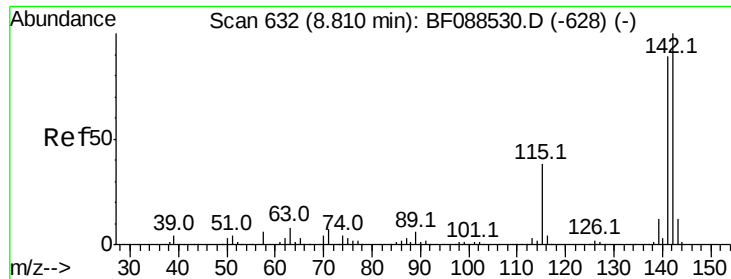
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#36
4-Chloro-3-methylphenol
Concen: 0.78 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.8	31.2
142	81.2	63.4	95.2





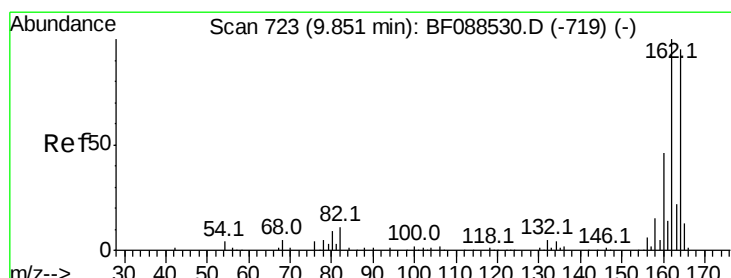
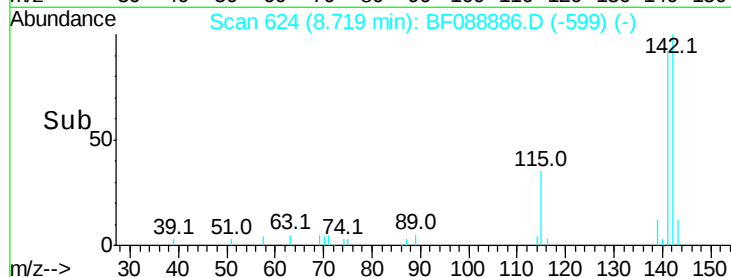
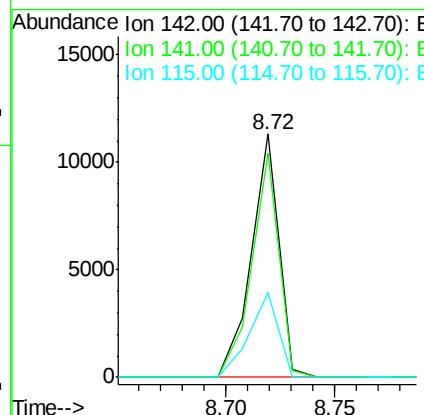
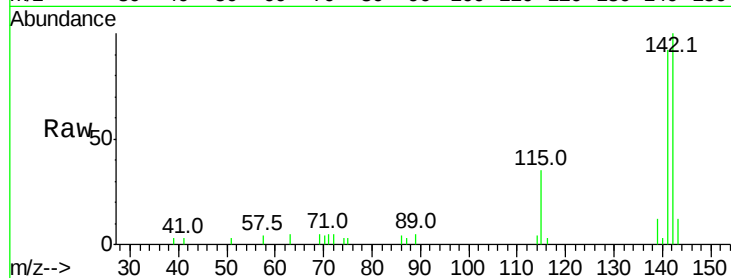
#37
2-Methylnaphthalene
Concen: 0.94 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion:142 Resp: 9905
Ion Ratio Lower Upper
142 100
141 92.3 71.0 106.6
115 34.6 22.6 33.8#

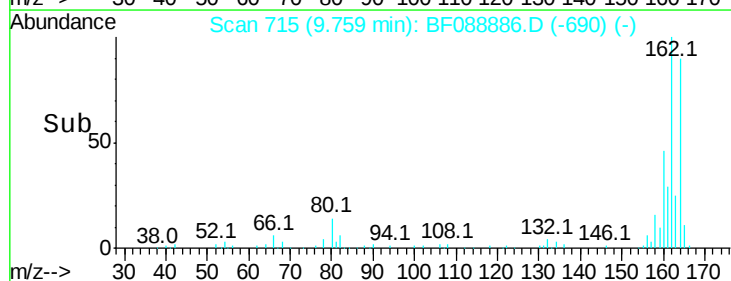
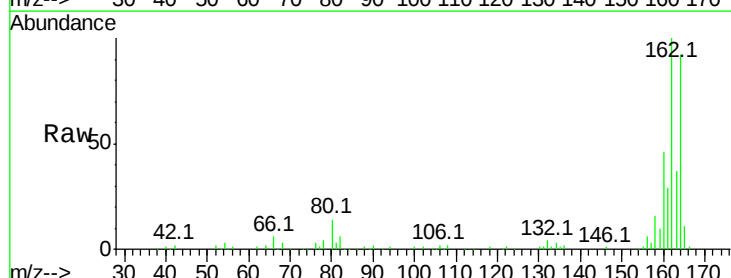
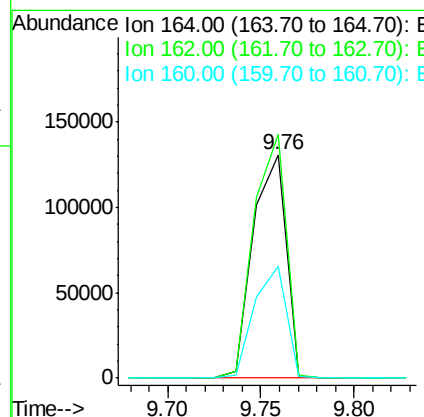
Manual Integrations

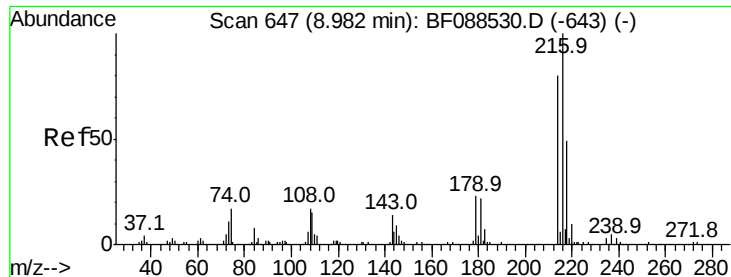
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion:164 Resp: 162649
Ion Ratio Lower Upper
164 100
162 108.8 85.4 128.2
160 50.2 39.5 59.3





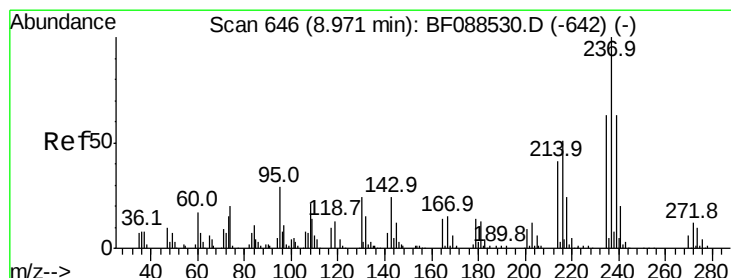
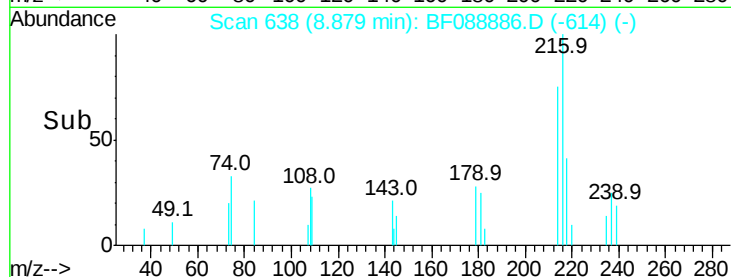
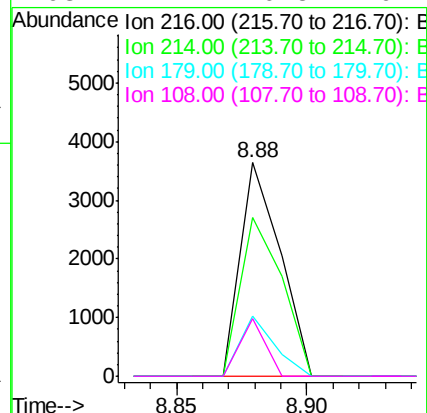
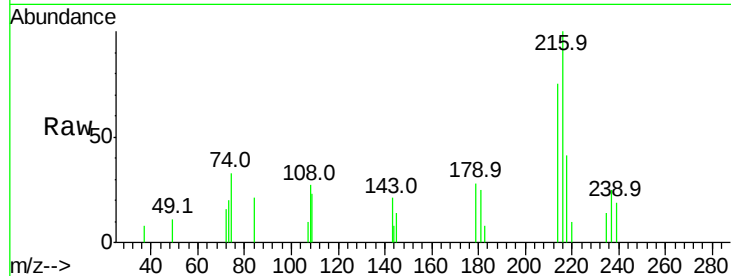
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.72 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.5	2.9	4.3#
179	24.7	0.0	0.0#
108	17.4	0.5	0.7#

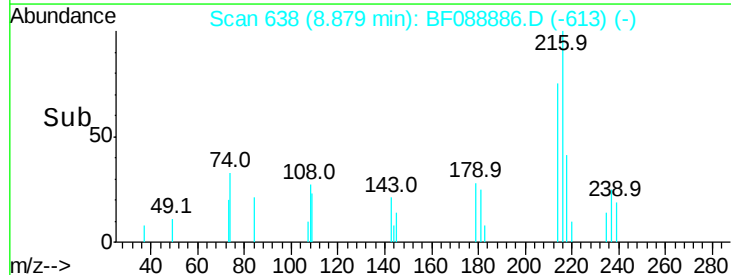
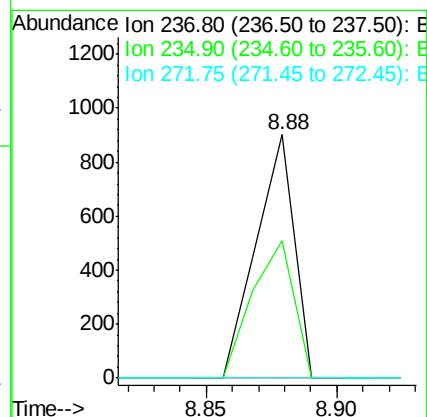
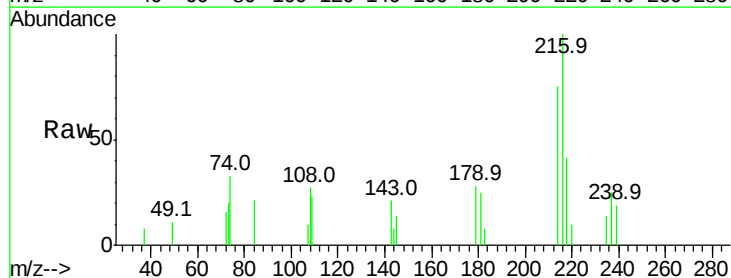
Manual Integrations

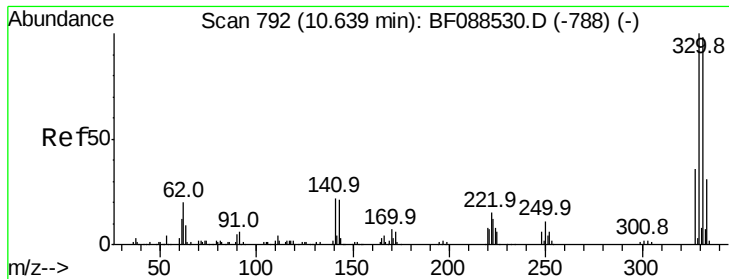
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#40
 Hexachlorocyclopentadiene
 Concen: 0.35 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
237	100		
235	56.4	43.4	83.4
272	0.0	0.0	32.3





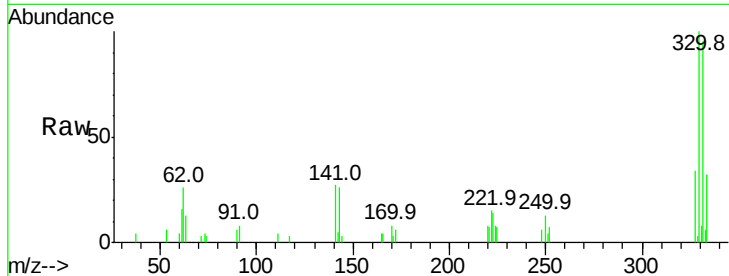
#41
 2,4,6-Tribromophenol
 Concen: 5.70 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

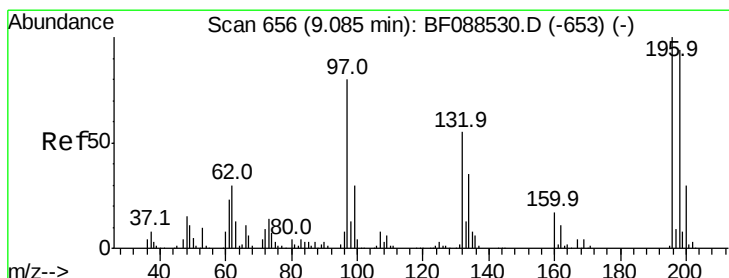
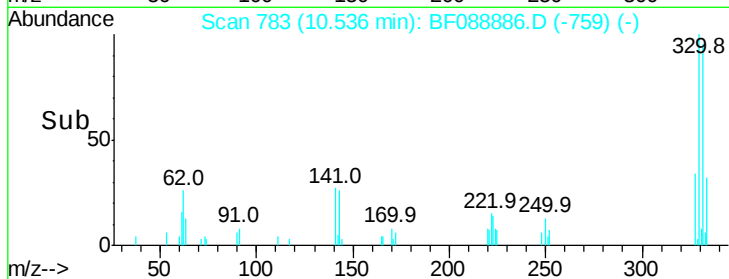
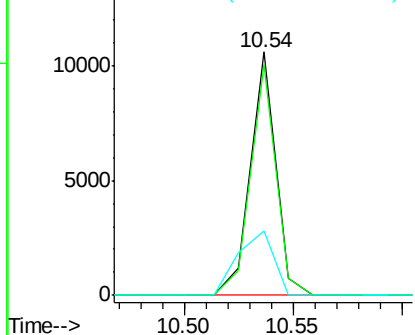
Tot Ion	Ratio	Resp	Lower	Upper
330	100	8611		
332	95.0	0.0	0.0	0.0
141	37.2	0.0	0.0	0.0

Manual Integrations

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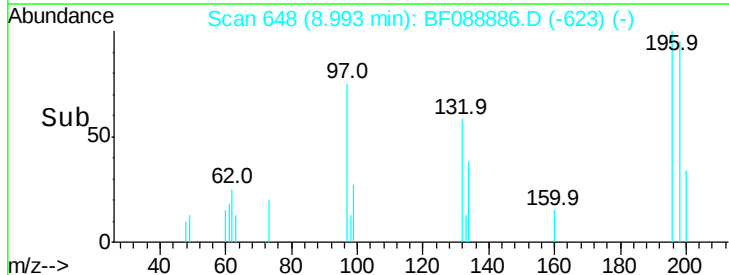
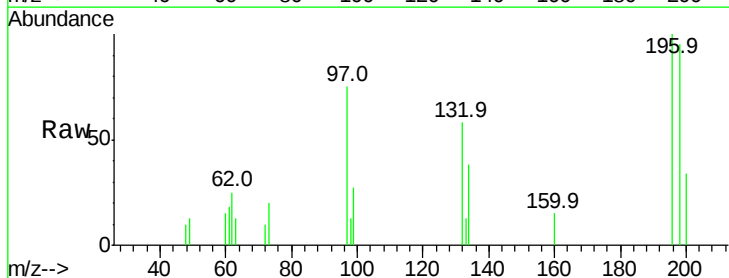
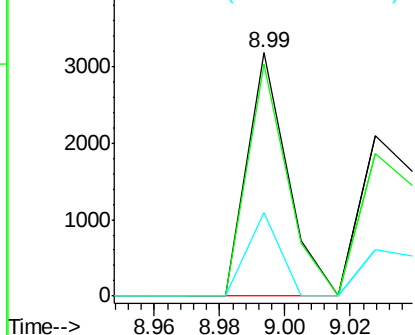
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

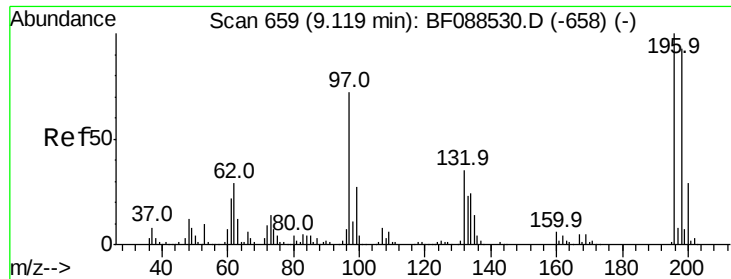


#42
 2,4,6-Trichlorophenol
 Concen: 0.75 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	2681		
198	95.2	78.0	117.0	
200	34.3	25.4	38.2	

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





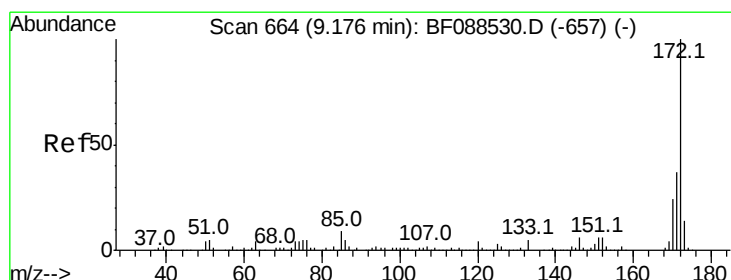
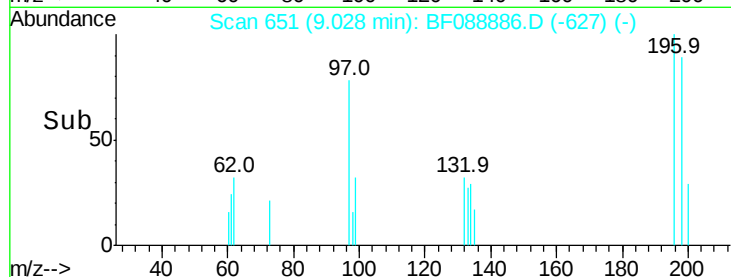
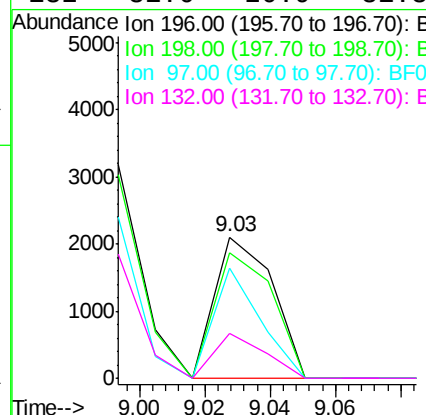
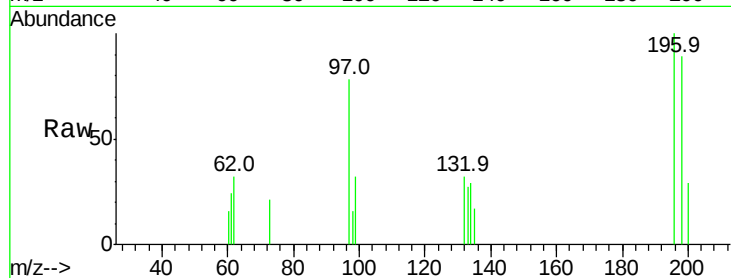
#43
 2,4,5-Trichlorophenol
 Concen: 0.83 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.7	77.5	116.3
97	78.3	32.0	48.0
132	31.6	20.9	31.3

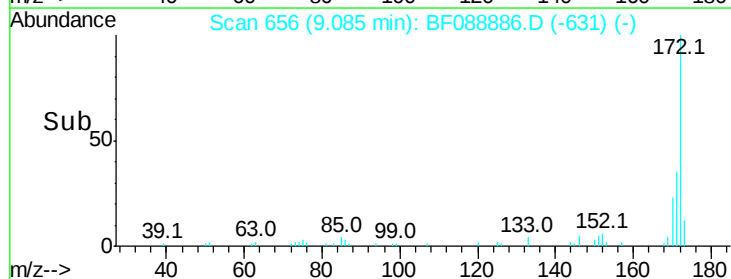
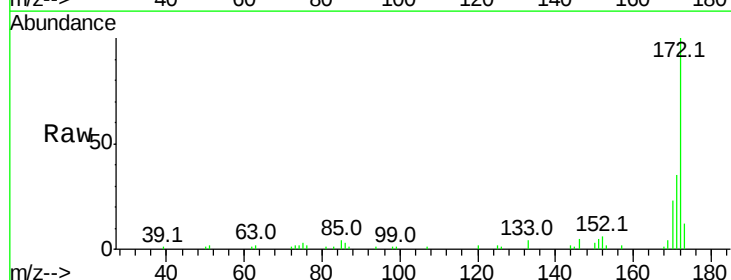
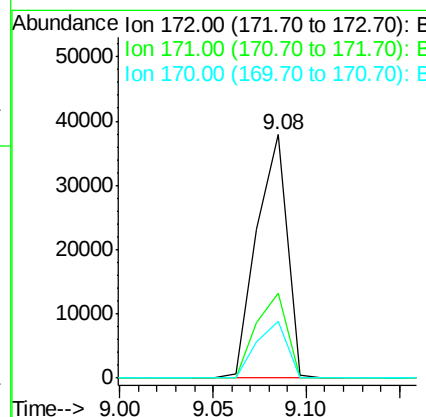
Manual Integrations

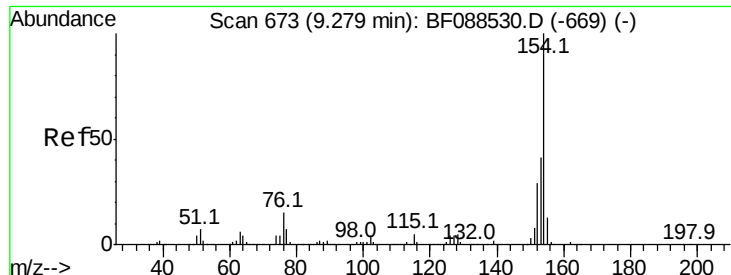
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#44
 2-Fluorobiphenyl
 Concen: 4.15 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.2	19.2	28.8





#45

1,1'-Biphenyl

Concen: 0.90 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion:154 Resp: 12141

Ion Ratio Lower Upper

154 100

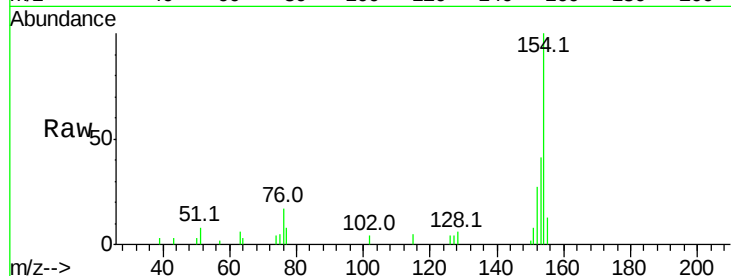
153 41.2 20.6 60.6

76 17.5 0.0 35.1

Manual Integrations

sohil

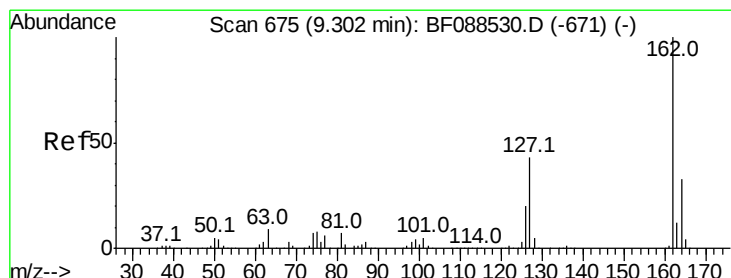
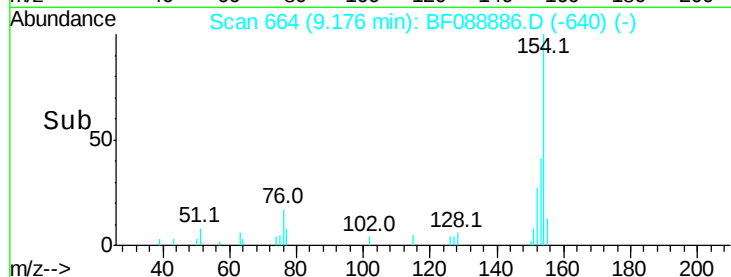
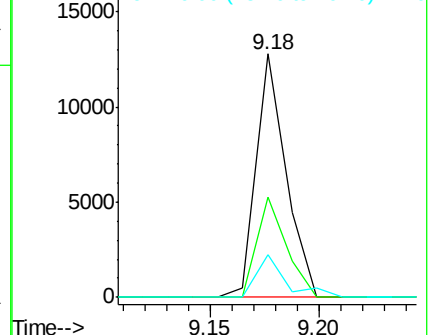
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 0.92 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

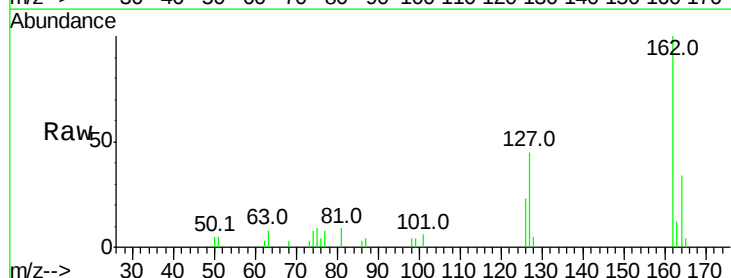
Tgt Ion:162 Resp: 9732

Ion Ratio Lower Upper

162 100

127 45.3 35.2 52.8

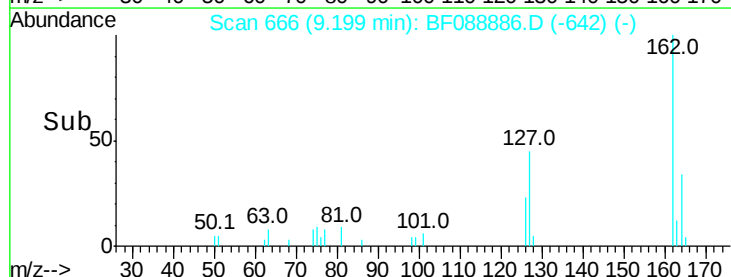
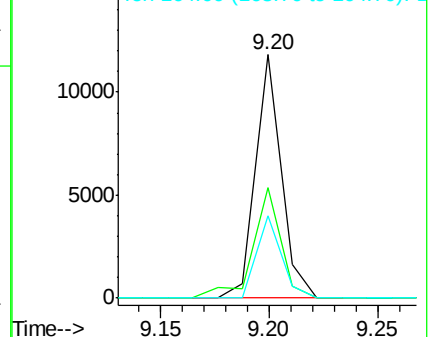
164 33.8 26.6 39.8

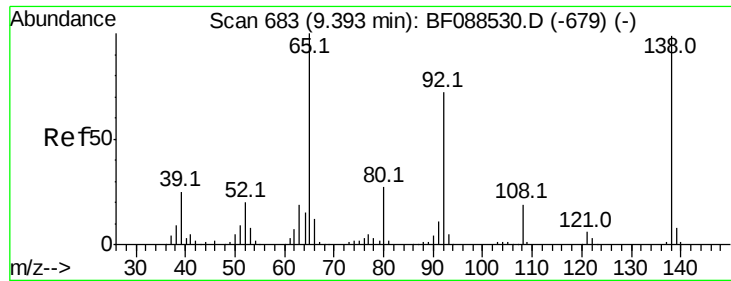


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47
 2-Nitroaniline
 Concen: 0.75 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

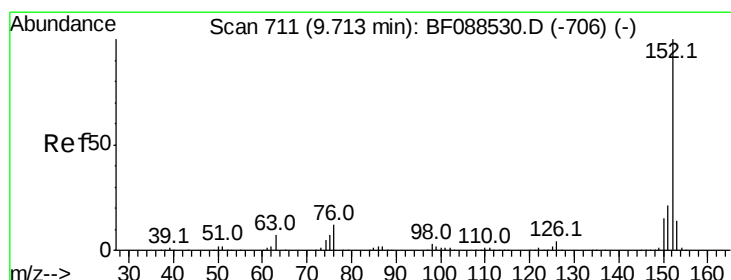
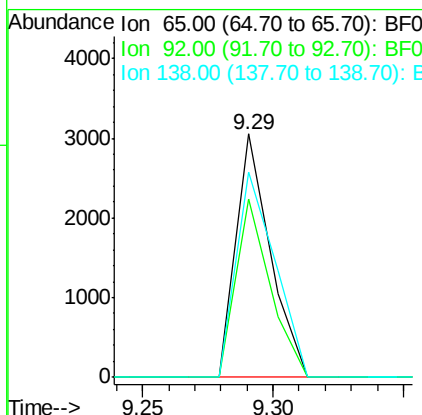
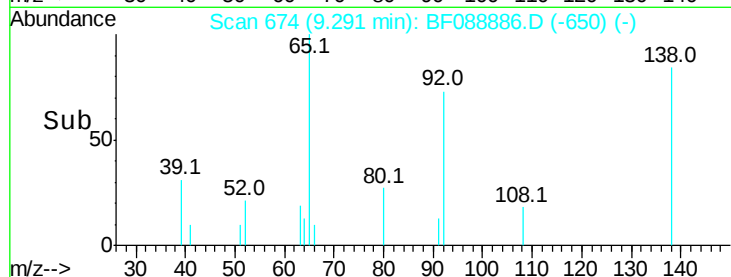
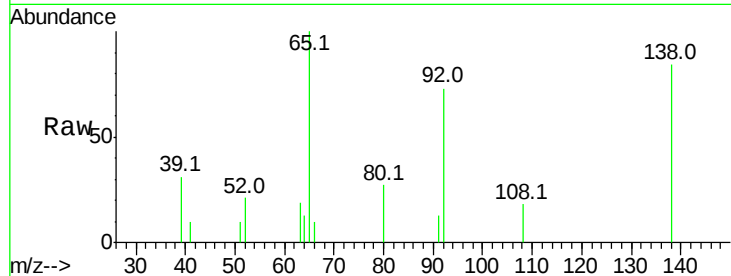
Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tot Ion: 65 Resp: 2814

Ion	Ratio	Lower	Upper
65	100		
92	73.3	54.6	82.0
138	84.3	77.0	115.4

Manual Integrations

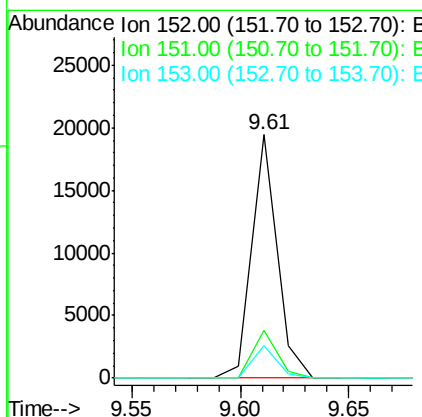
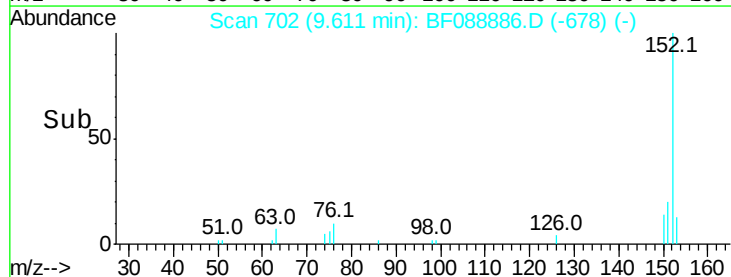
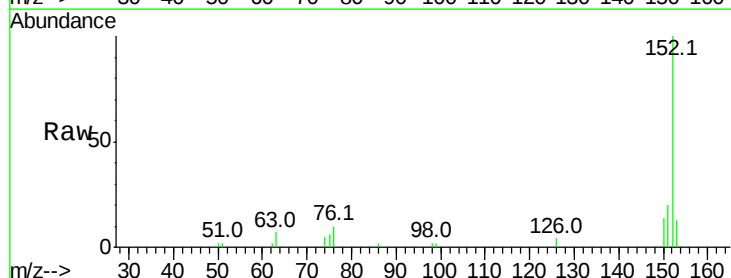
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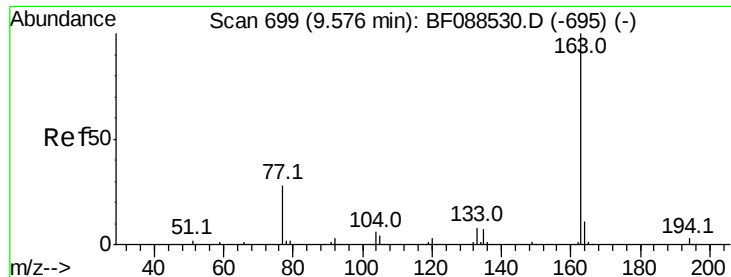


#48
 Acenaphthylene
 Concen: 0.94 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion: 152 Resp: 15772

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.4	11.0	16.6





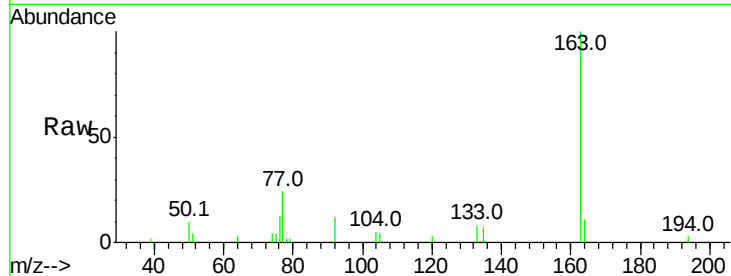
#49
Dimethylphthalate
Concen: 1.44 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	11.1	8.3	12.5

Manual Integrations

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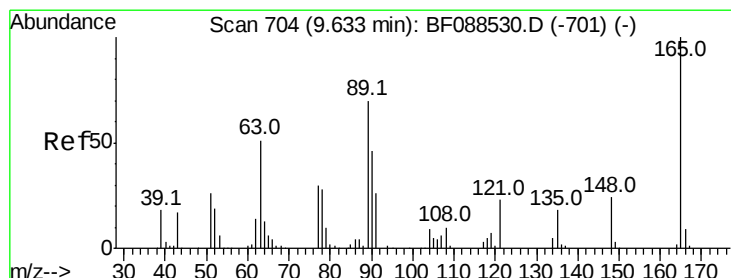
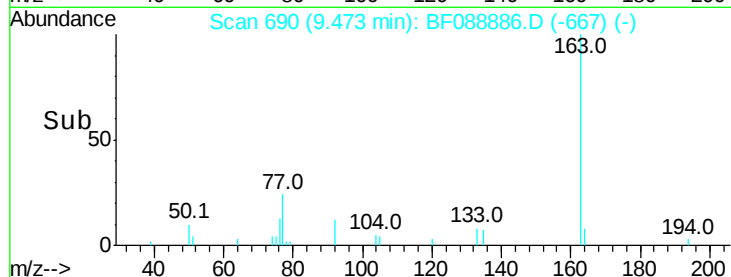
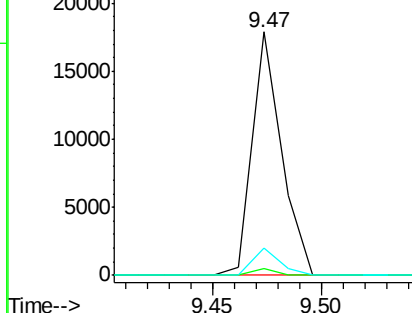


Abundance

Ion 163.00 (162.70 to 163.70): E

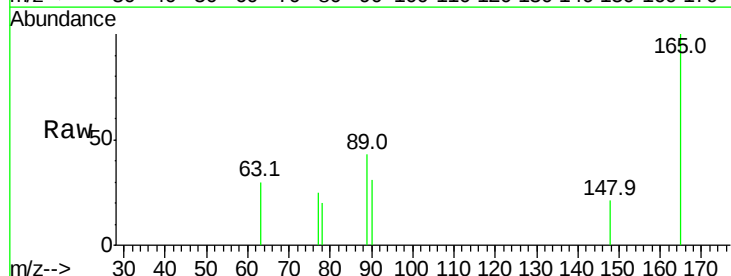
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 0.75 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.7	28.1	42.1
89	43.5	32.2	48.2

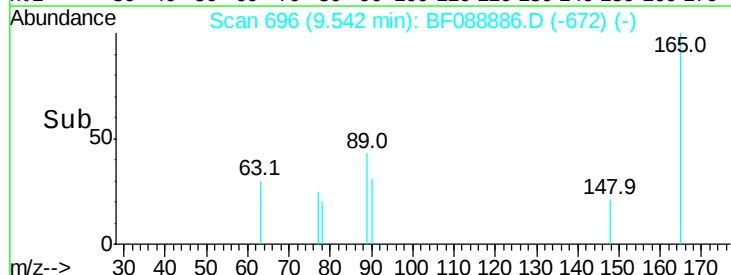
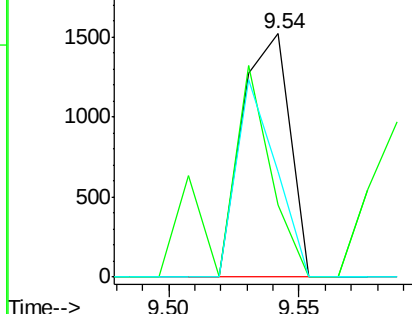


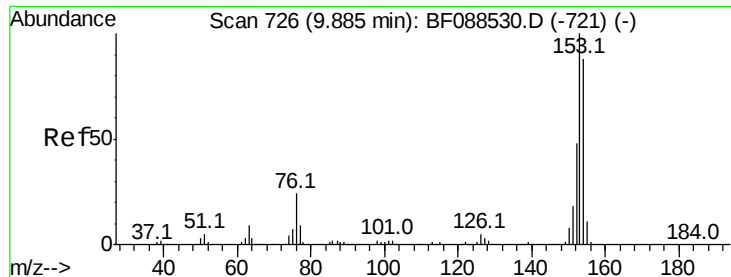
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.98 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion:154 Resp: 10060

Ion Ratio Lower Upper

154 100

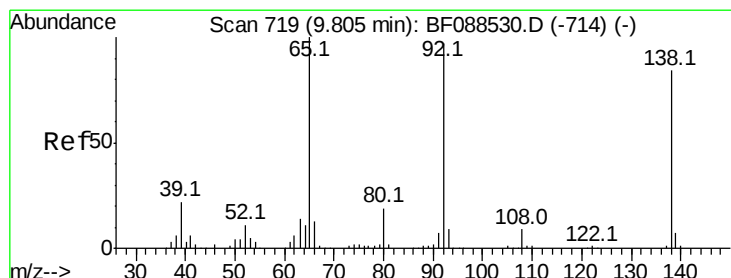
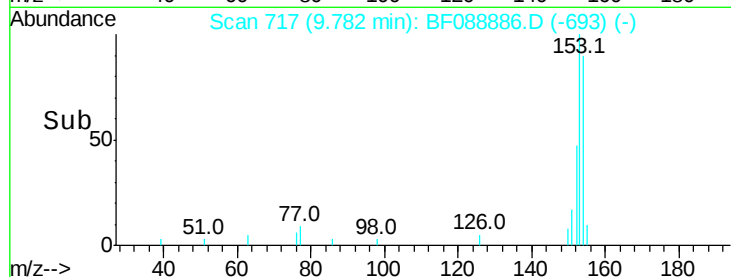
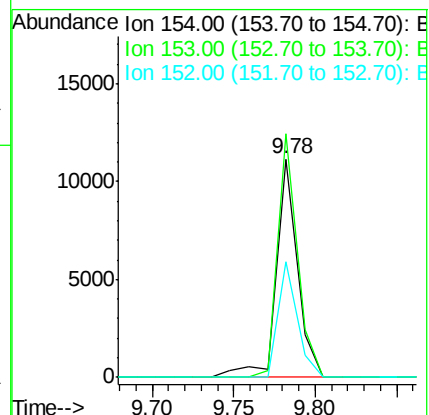
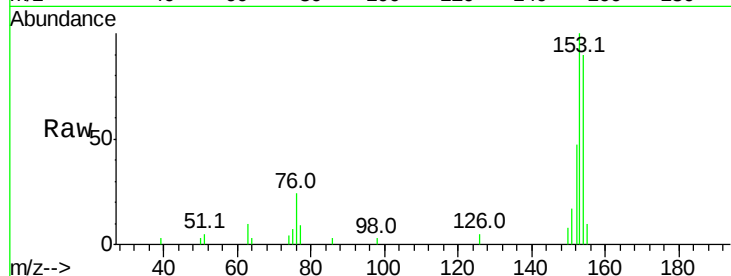
153 111.6 89.5 134.3

152 52.9 42.7 64.1

Manual Integrations

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#52

3-Nitroaniline

Concen: 0.53 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

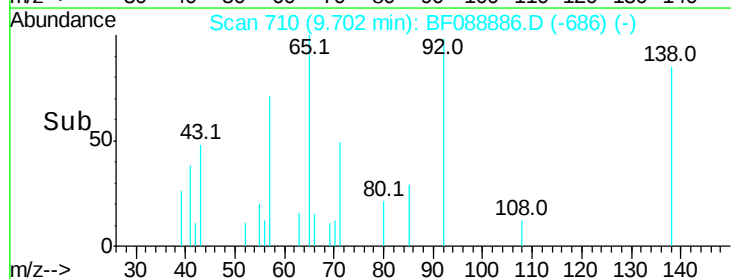
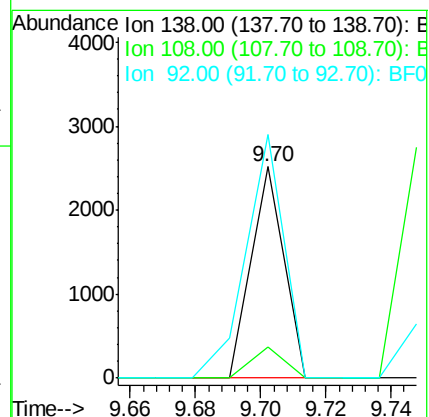
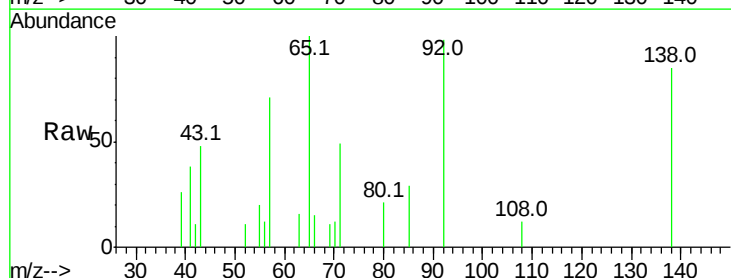
Tgt Ion:138 Resp: 1727

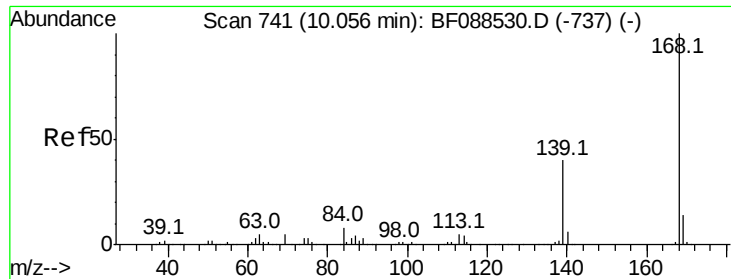
Ion Ratio Lower Upper

138 100

108 14.6 8.5 12.7#

92 115.2 95.7 143.5





#54

Dibenzofuran

Concen: 1.07 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF088886.D

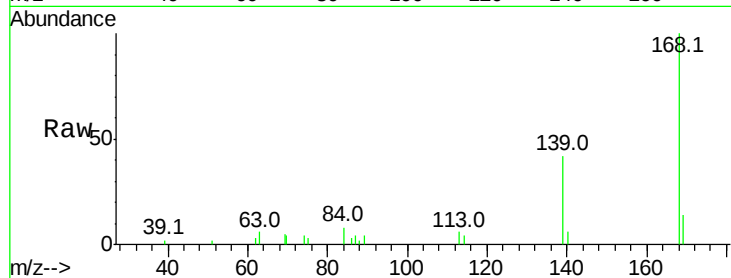
Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS



Tot Ion:168 Resp: 14509

Ion Ratio Lower Upper

168 100

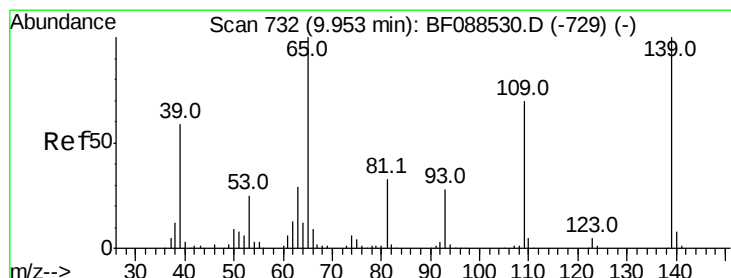
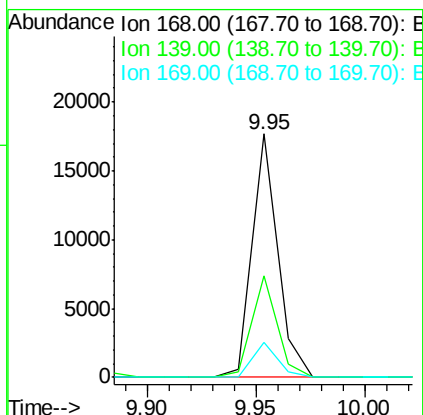
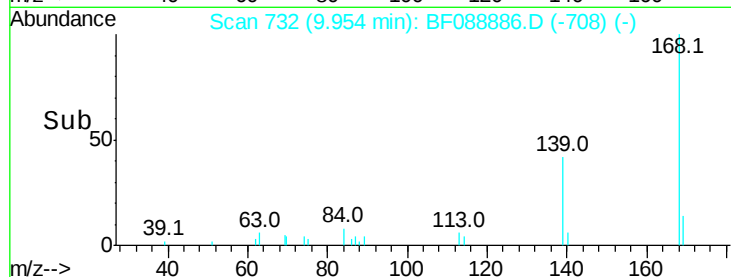
139 41.5 26.4 39.6#

169 14.1 10.4 15.6

Manual Integrations

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#55

4-Nitrophenol

Concen: 0.71 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

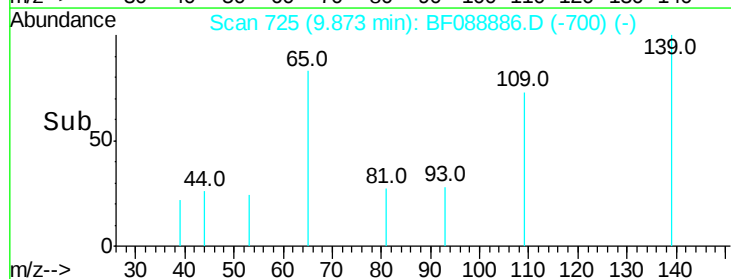
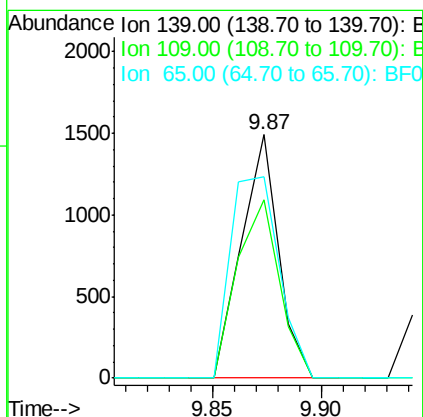
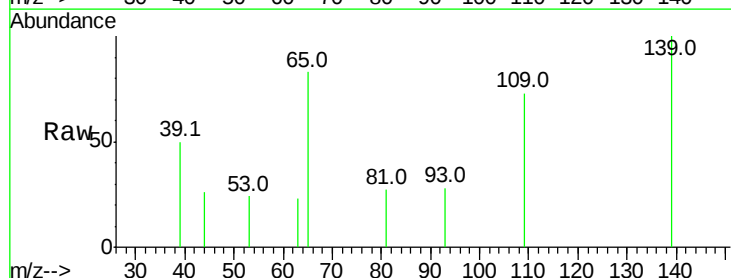
Tgt Ion:139 Resp: 1763

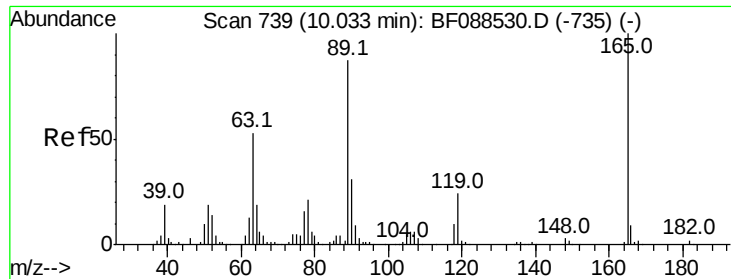
Ion Ratio Lower Upper

139 100

109 73.3 48.9 88.9

65 82.6 84.9 124.9#





#56

2,4-Dinitrotoluene

Concen: 0.71 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088886.D

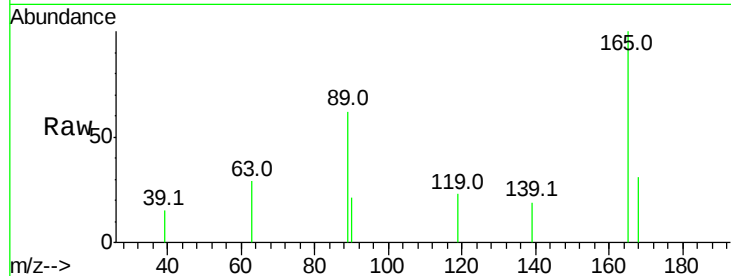
Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS



Tot Ion:165 Resp: 2389

Ion Ratio Lower Upper

165 100

63 29.4 22.0 33.0

89 62.0 41.1 61.7#

182 0.0 2.0 3.0#

Manual Integrations

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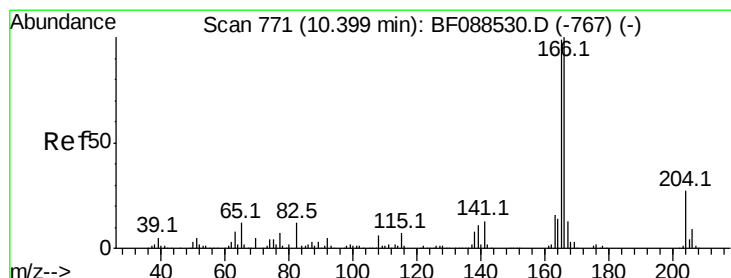
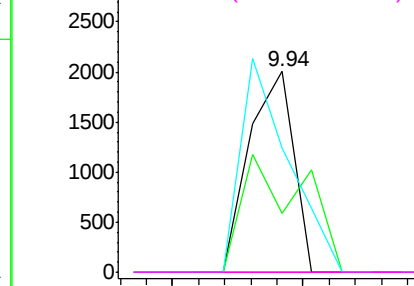
7/11/2016 8:07:40 PM

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: 1.15 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

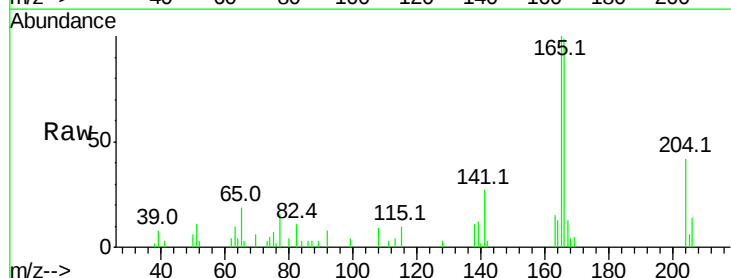
Tgt Ion:166 Resp: 11927

Ion Ratio Lower Upper

166 100

165 101.3 77.8 116.8

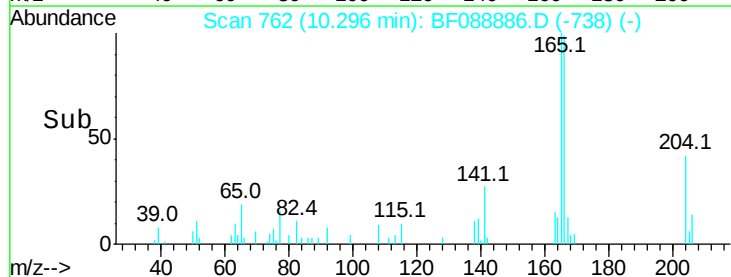
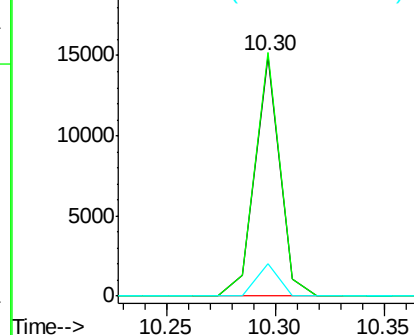
167 13.3 11.2 16.8

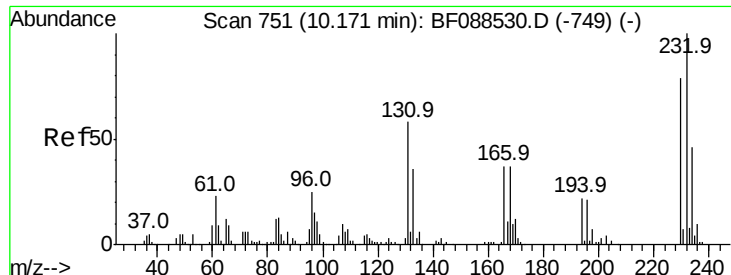


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





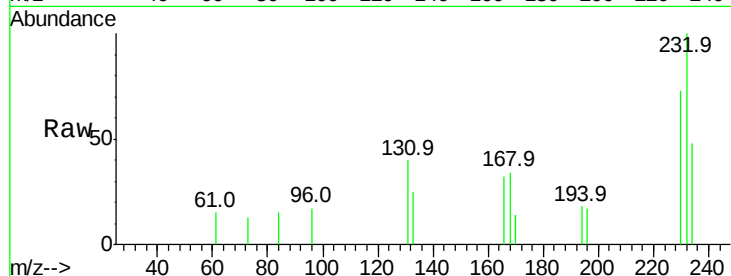
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.81 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

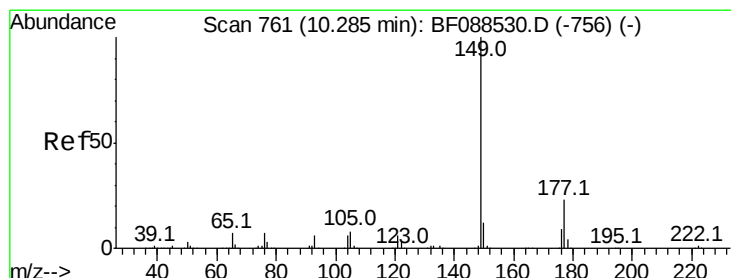
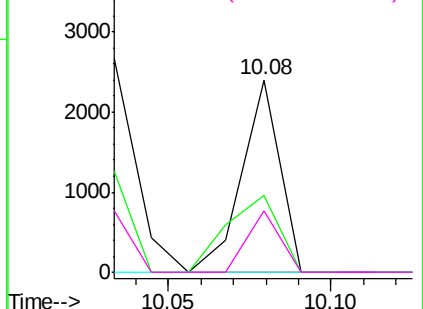
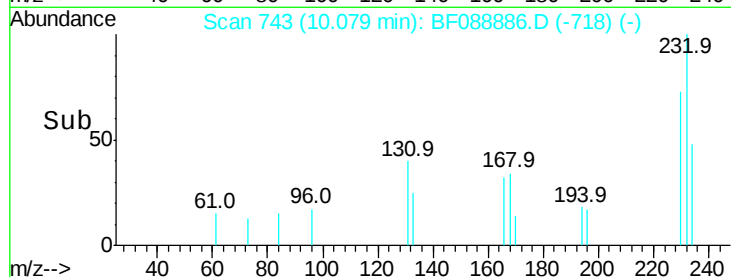
Tot Ion	Ratio	Lower	Upper
232	100		
131	55.5	0.9	1.3#
130	0.0	1.5	2.3#
166	27.4	0.5	0.7#

Manual Integrations

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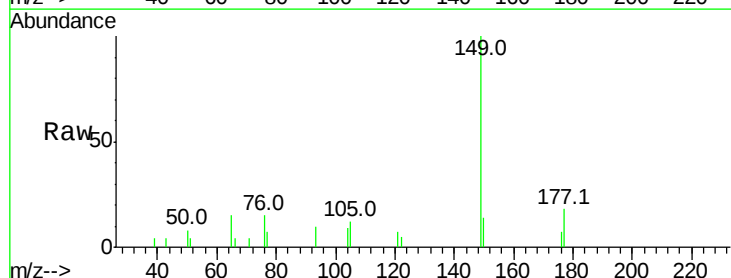


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

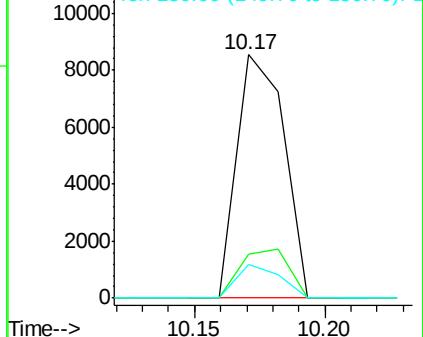
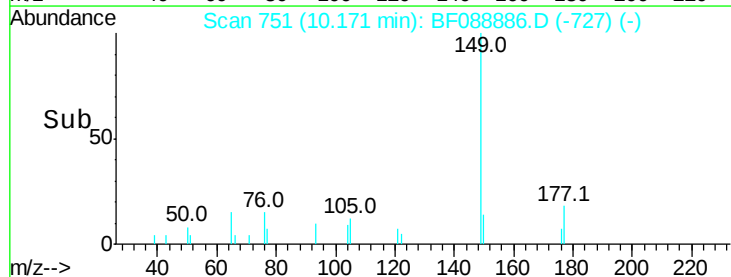


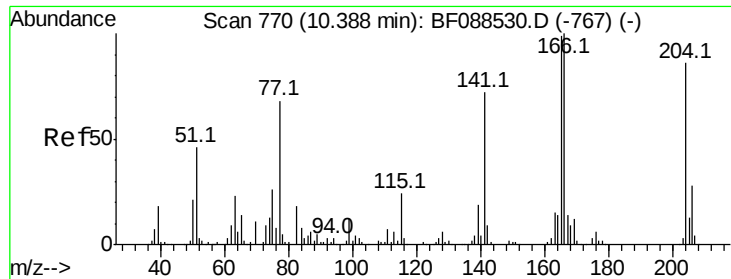
#59
Diethylphthalate
Concen: 0.93 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	17.9	16.9	25.3
150	13.8	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





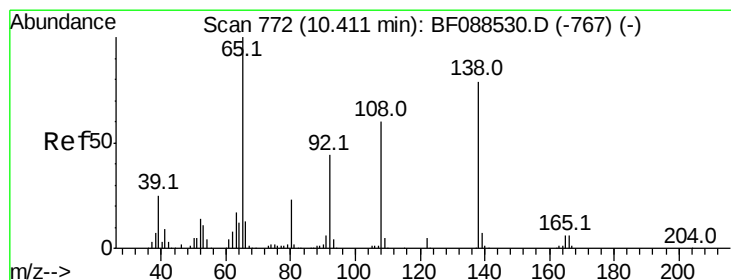
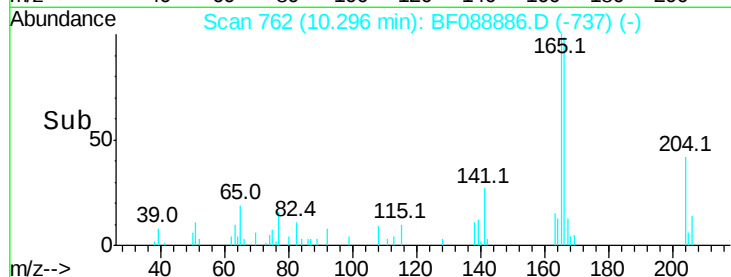
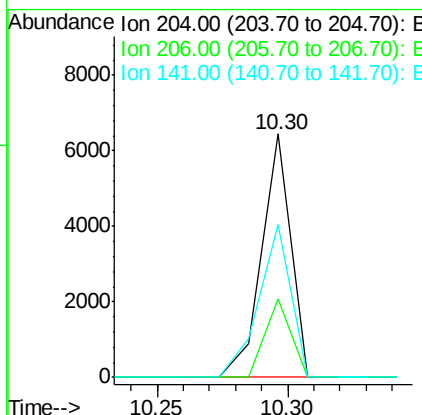
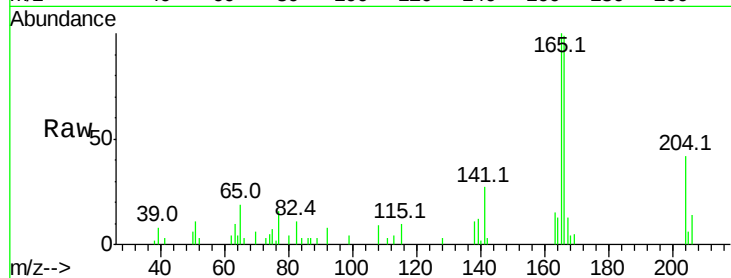
#60
4-Chlorophenyl-phenylether
Concen: 1.04 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion:204 Resp: 5032
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 62.6 55.0 82.6

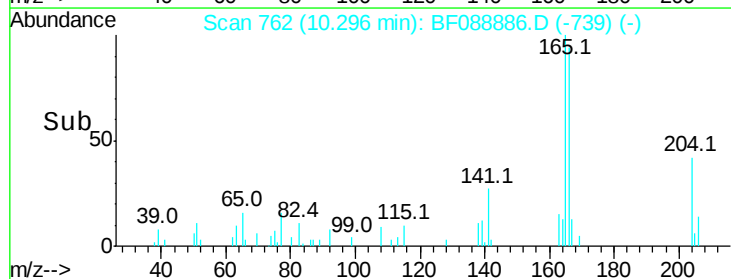
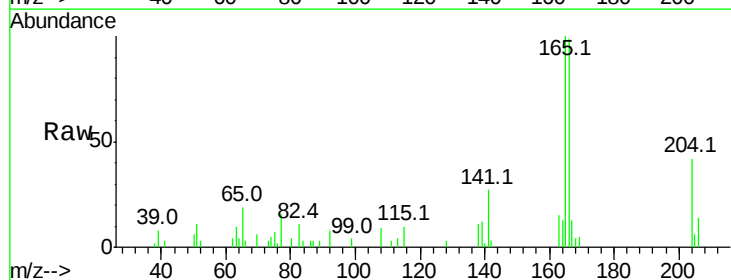
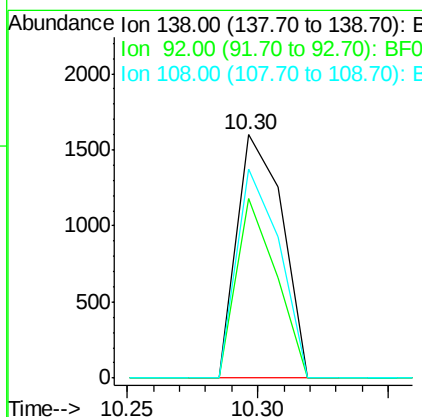
Manual Integrations

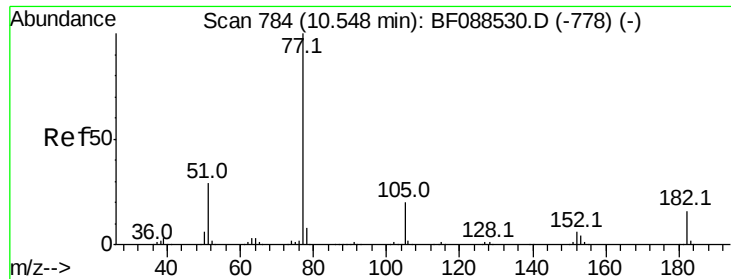
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#61
4-Nitroaniline
Concen: 0.62 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.03 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion:138 Resp: 1958
Ion Ratio Lower Upper
138 100
92 73.6 27.3 67.3#
108 86.1 46.7 86.7





#62

Azobenzene

Concen: 0.87 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion: 77 Resp: 11586

Ion Ratio Lower Upper

77 100

182 11.7 4.4 44.4

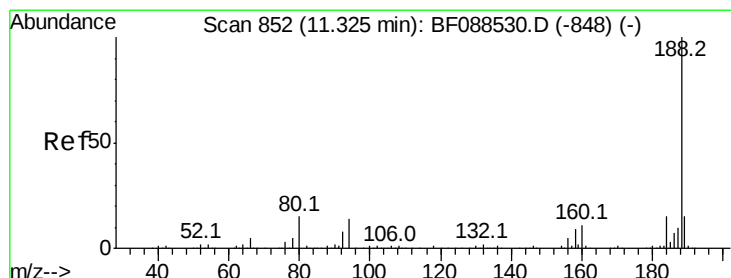
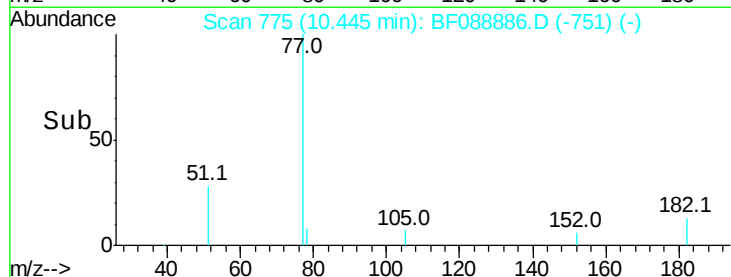
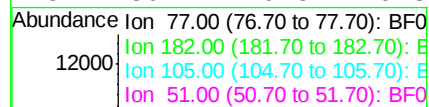
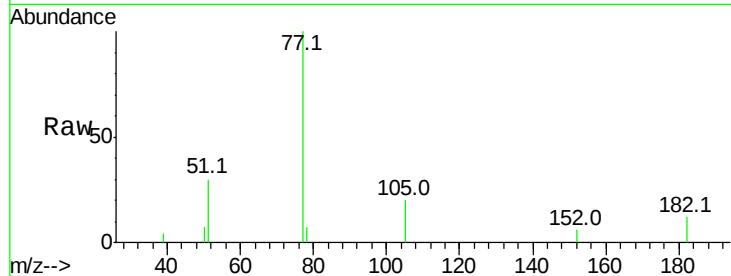
105 19.6 3.8 43.8

51 30.2 9.3 49.3

Manual Integrations

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

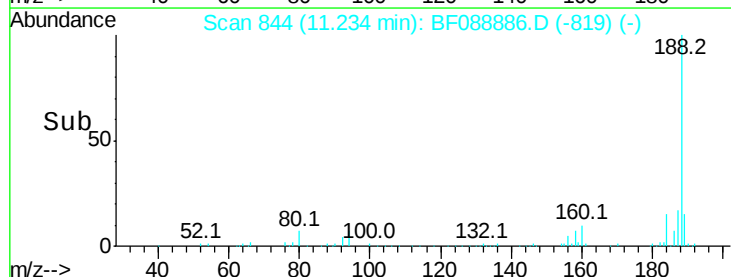
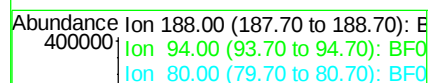
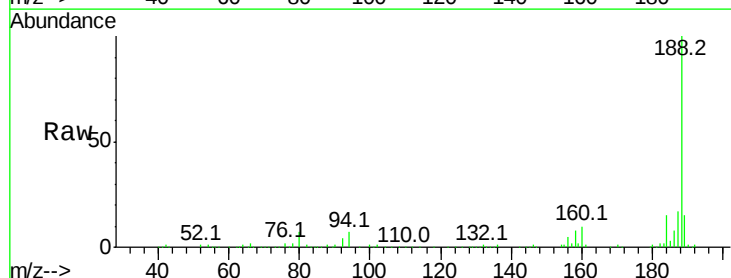
Tgt Ion: 188 Resp: 308708

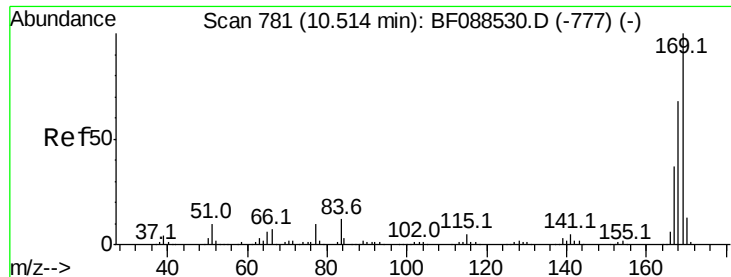
Ion Ratio Lower Upper

188 100

94 6.6 9.0 13.6#

80 6.9 10.0 15.0#





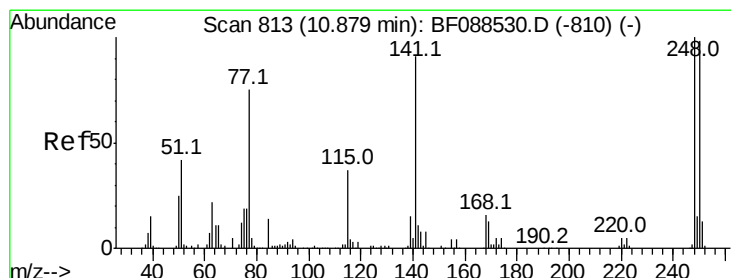
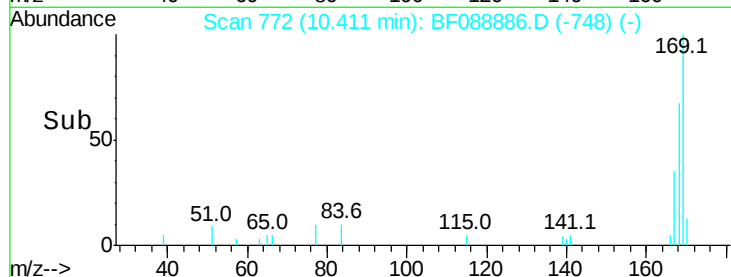
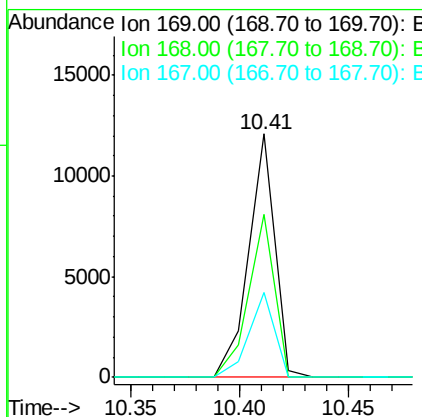
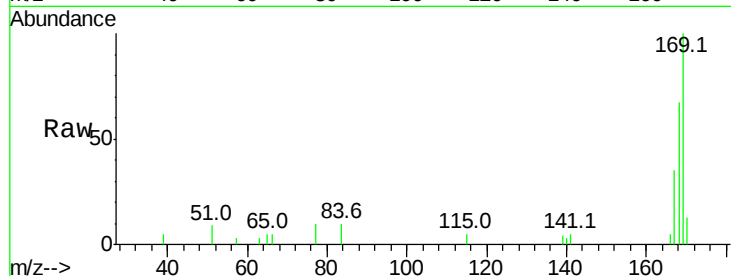
#65
 n-Nitrosodiphenylamine
 Concen: 0.97 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.0
167	34.8	29.4	44.0

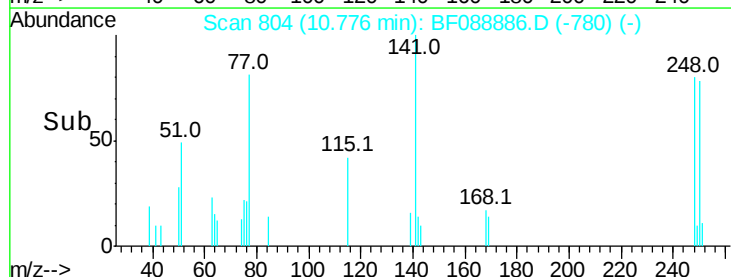
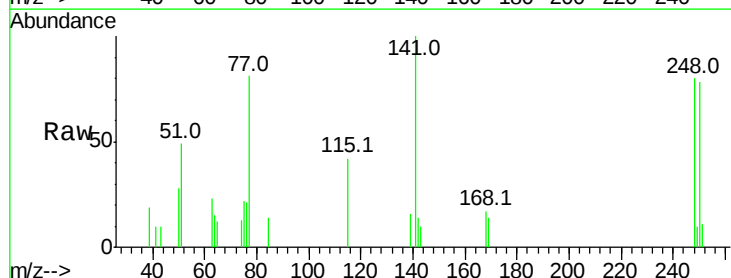
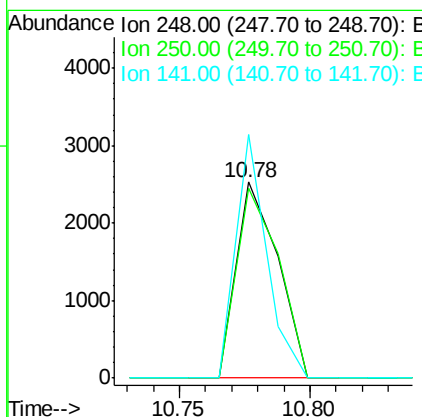
Manual Integrations

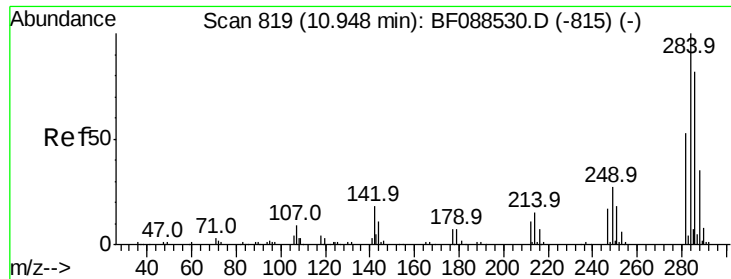
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#66
 4-Bromophenyl-phenylether
 Concen: 0.91 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	124.4	50.6	76.0





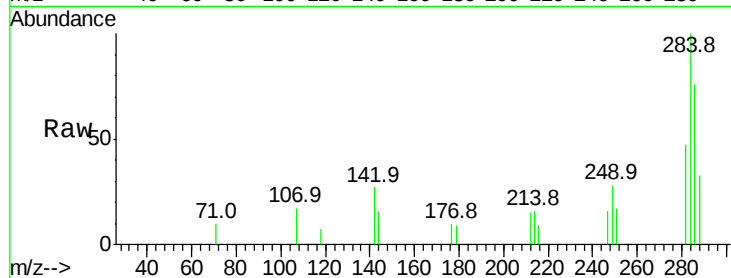
#67
Hexachlorobenzene
Concen: 0.96 ng
RT: 10.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

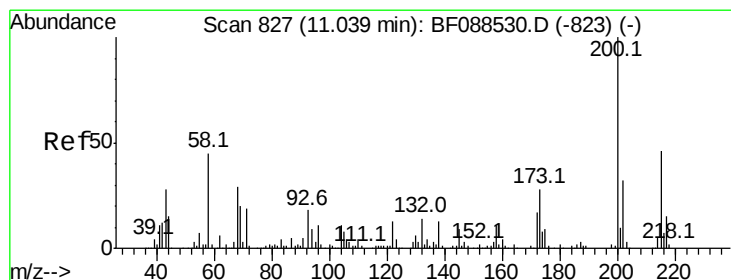
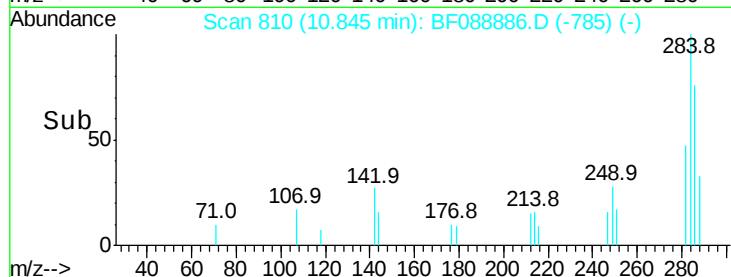
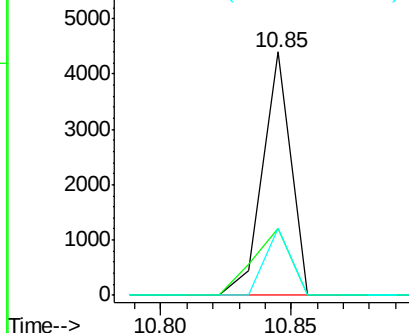
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.5	35.8	53.8#
249	27.6	25.8	38.6

Manual Integrations

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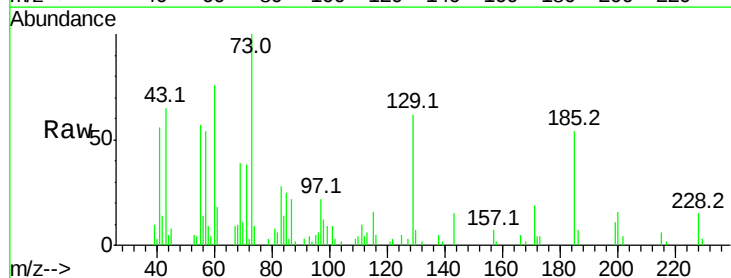


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

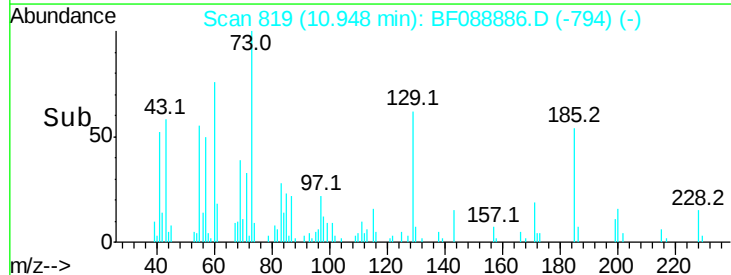
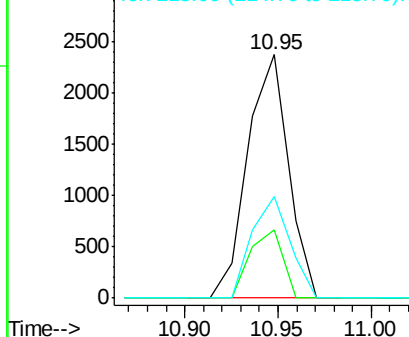


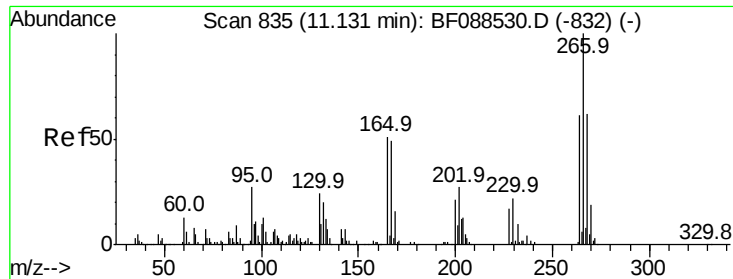
#68
Atrazine
Concen: 1.11 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	4.0	44.0
215	41.5	29.3	69.3



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





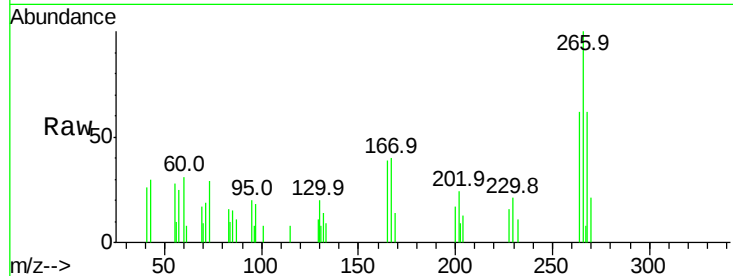
#69
 Pentachlorophenol
 Concen: 1.73 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

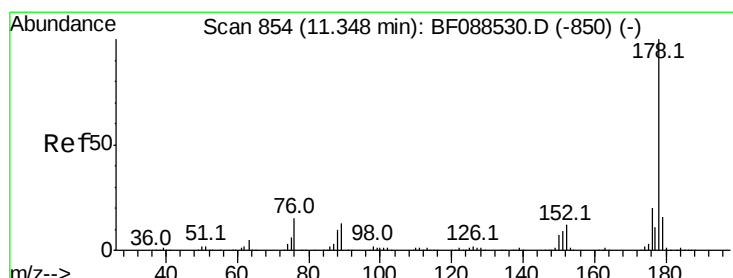
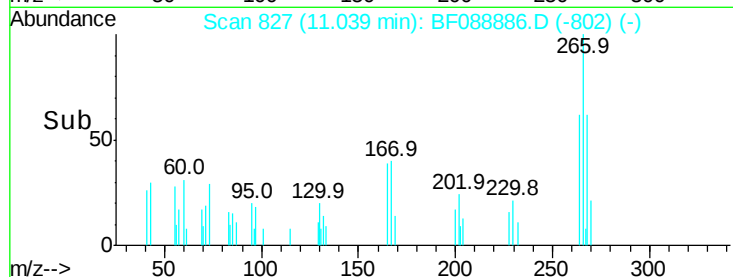
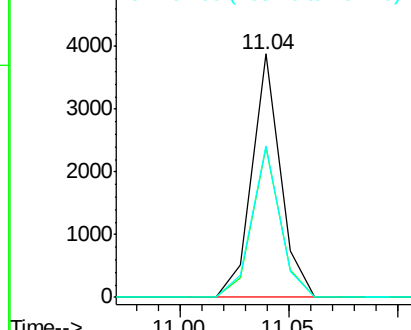
Tot Ion:266 Resp: 3522
 Ion Ratio Lower Upper
 266 100
 268 61.7 52.8 79.2
 264 62.0 49.6 74.4

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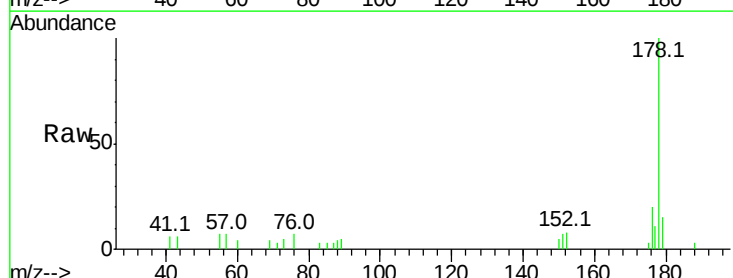


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

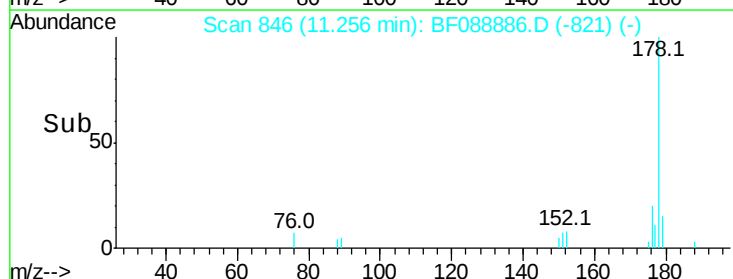
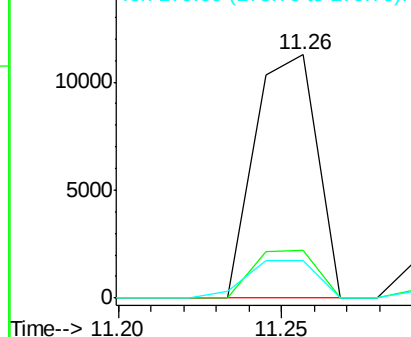


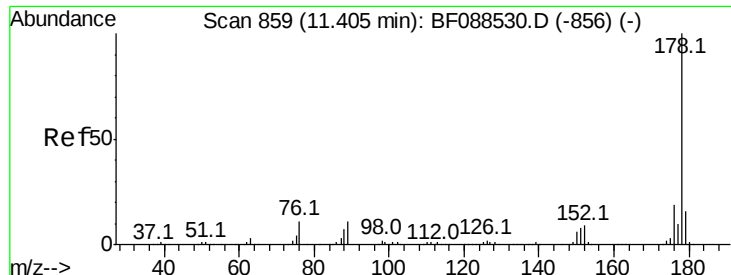
#70
 Phenanthrene
 Concen: 0.88 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion:178 Resp: 14816
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 15.4 13.0 19.4



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





#71

Anthracene

Concen: 1.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion:178 Resp: 16796

Ion Ratio Lower Upper

178 100

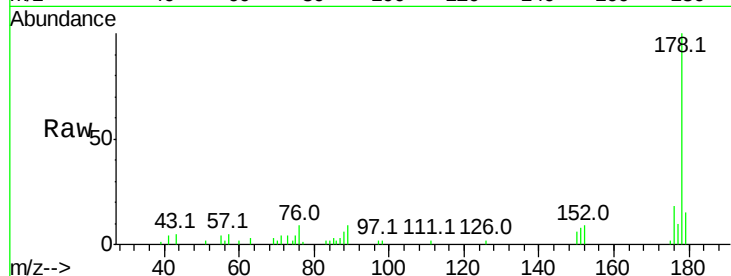
176 18.0 15.6 23.4

179 14.8 12.8 19.2

Manual Integrations

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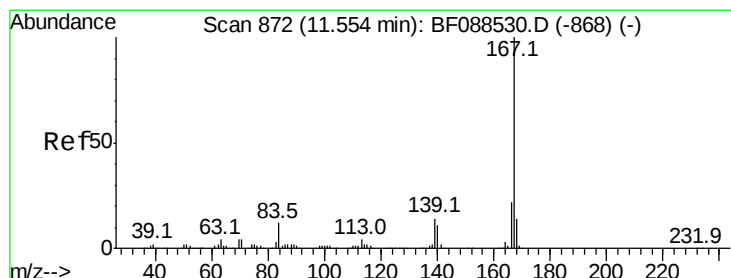
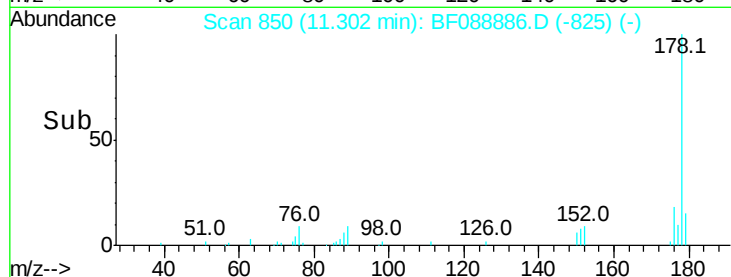
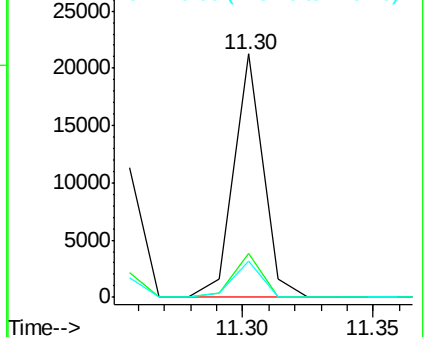
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.87 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

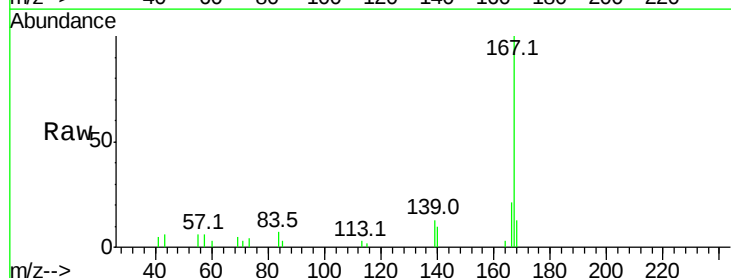
Tgt Ion:167 Resp: 13782

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

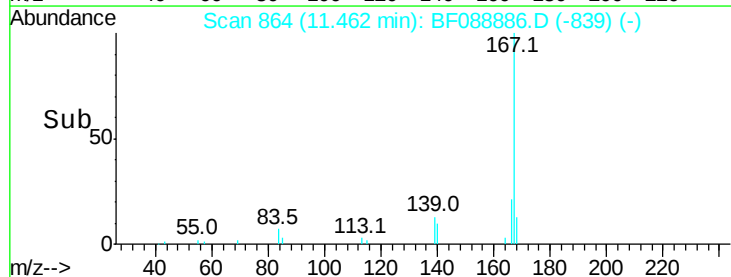
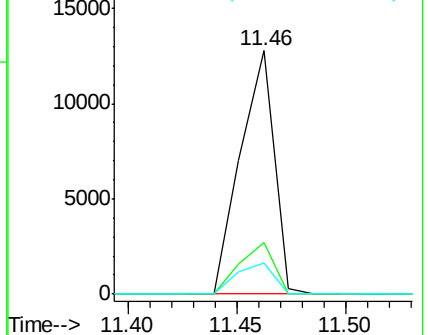
139 13.0 11.2 16.8

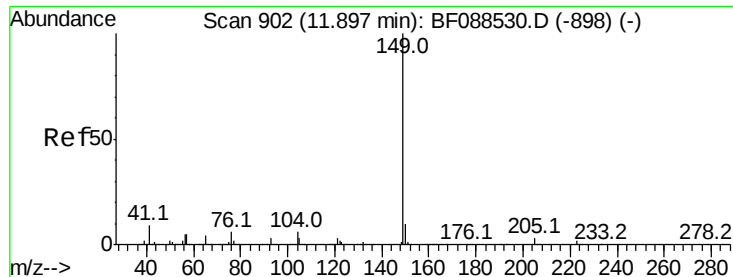


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.07 ng

RT: 11.81 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

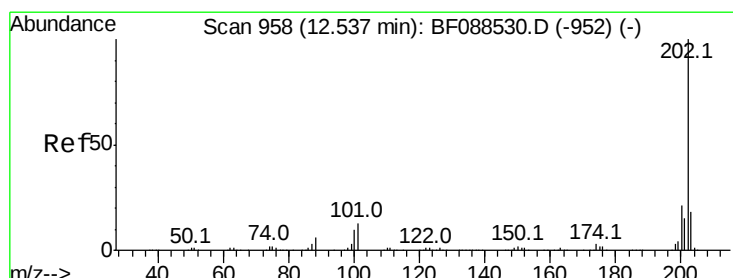
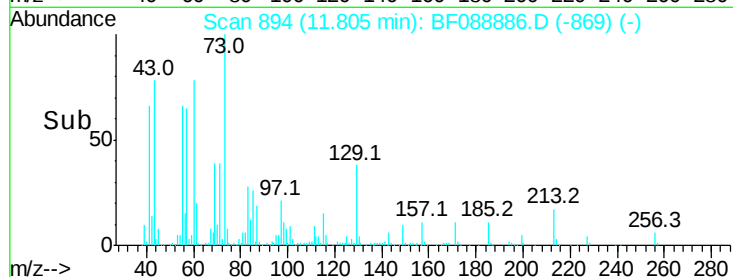
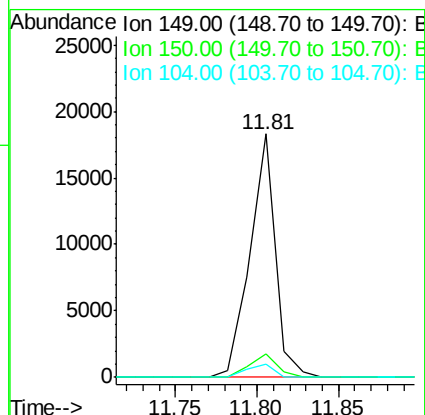
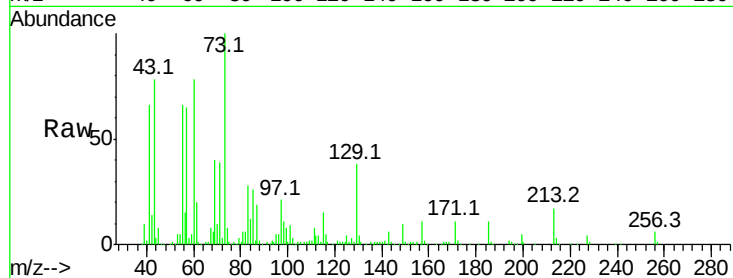
P001-WW001-01MS

Tot Ion:	149	Resp:	19661
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.2	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 0.87 ng

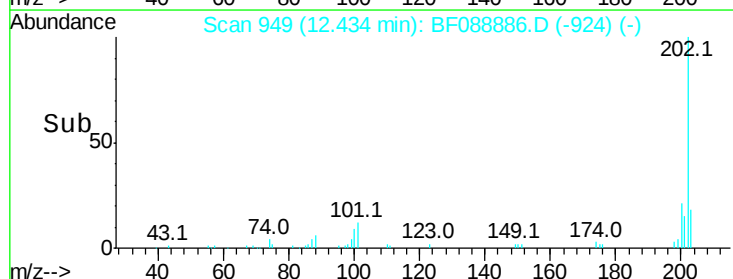
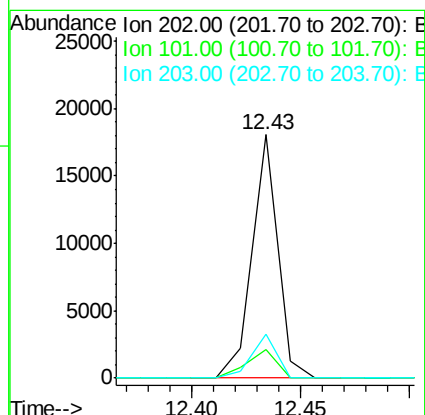
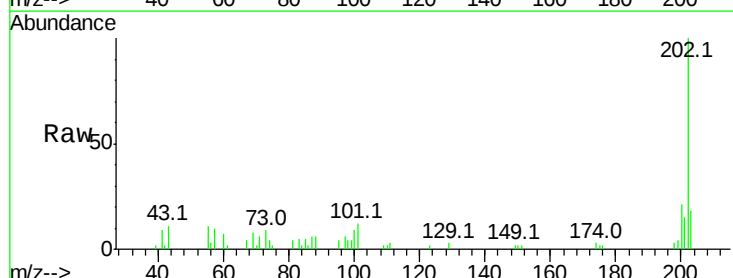
RT: 12.43 min Scan# 949

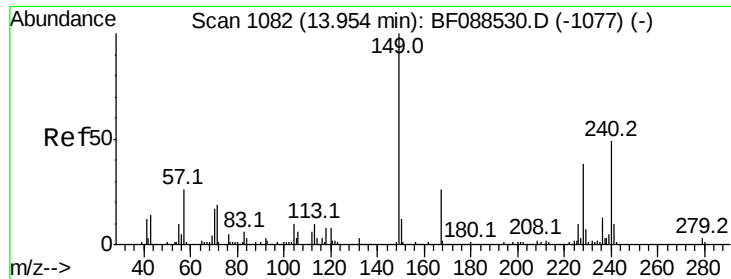
Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Tgt Ion:	202	Resp:	14833
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion:240 Resp: 175217

Ion Ratio Lower Upper

240 100

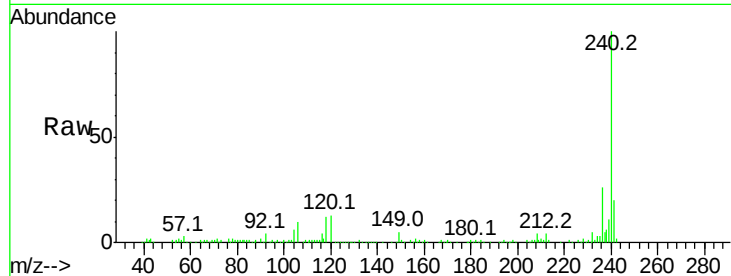
120 13.2 6.8 10.2#

236 25.5 20.2 30.2

Manual Integrations

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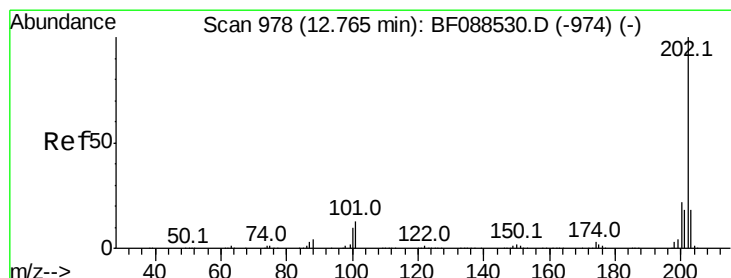
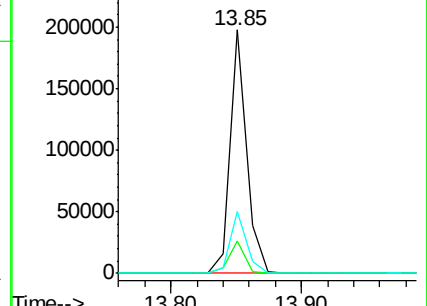
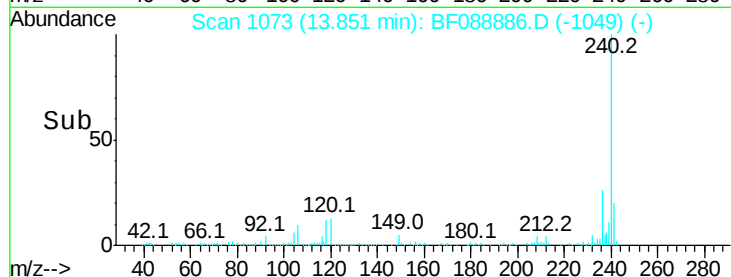
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.94 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

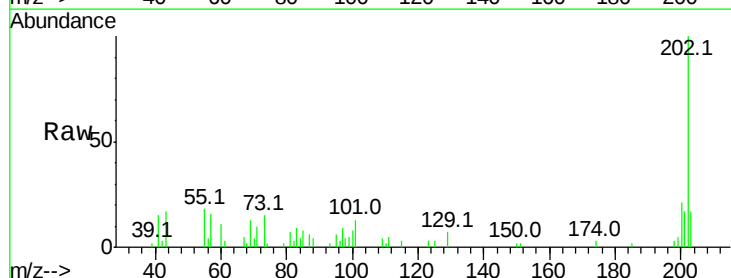
Tgt Ion:202 Resp: 14006

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

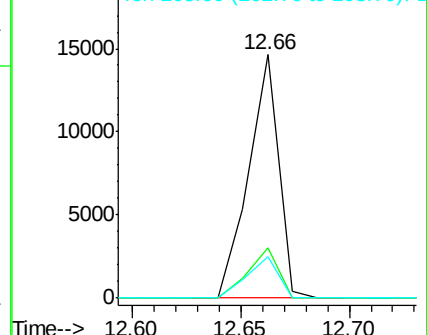
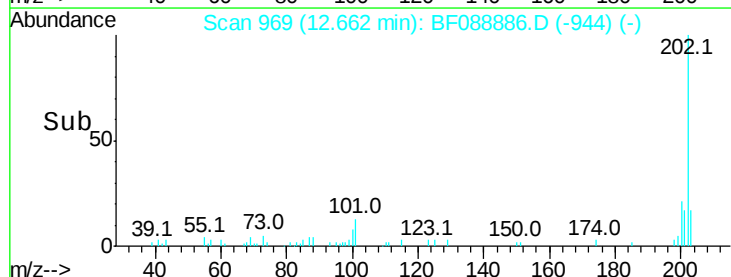
203 16.8 14.5 21.7

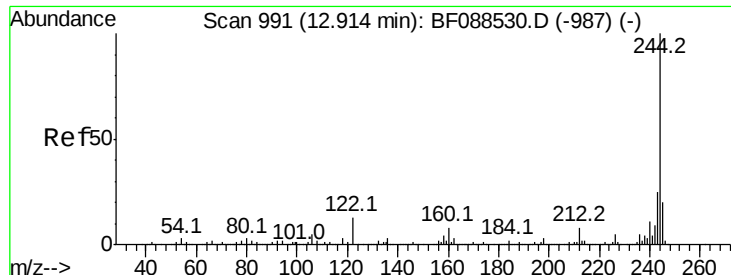


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





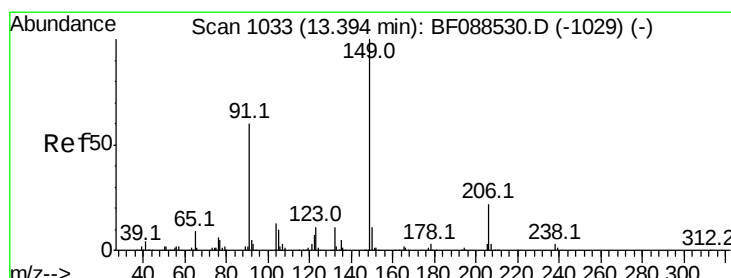
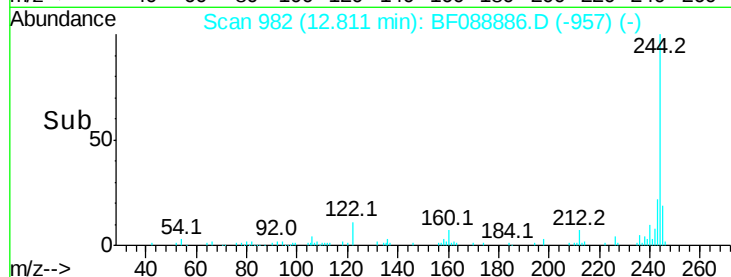
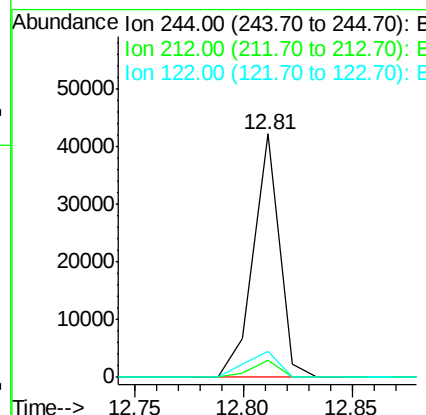
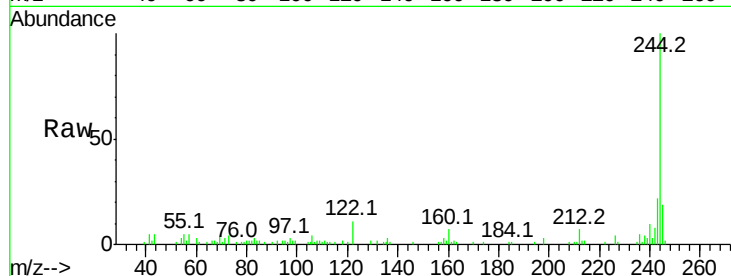
#78
 Terphenyl-d14
 Concen: 4.44 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MS

Tot Ion:244 Resp: 34952
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.6 11.2 16.8#

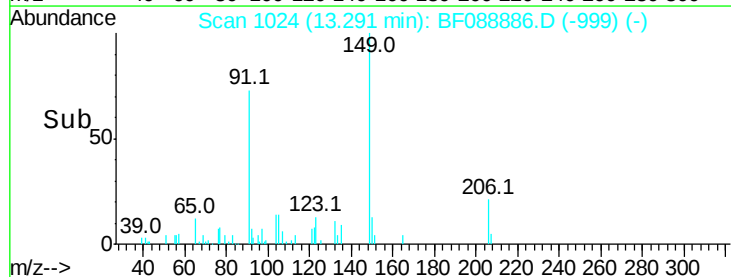
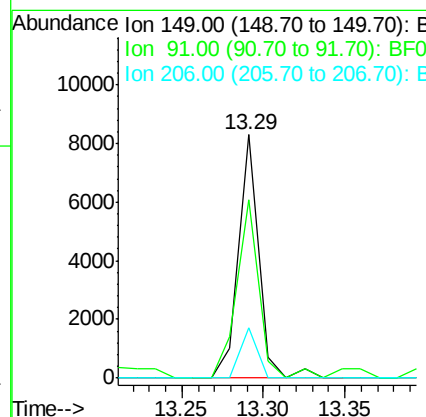
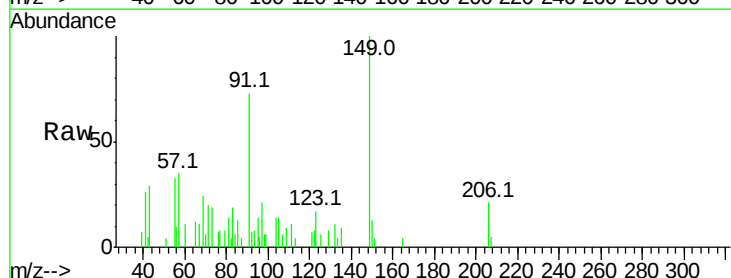
Manual Integrations

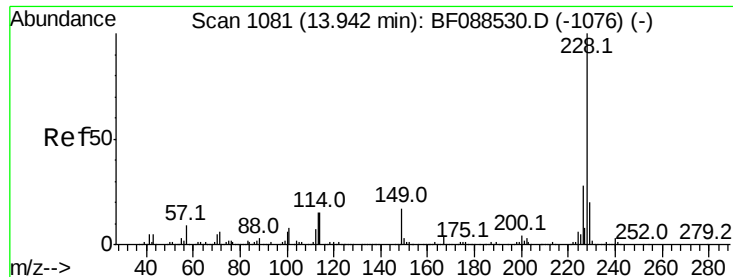
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#79
 Butylbenzylphthalate
 Concen: 1.07 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF088886.D
 Acq: 9 Jul 2016 22:29

Tgt Ion:149 Resp: 7104
 Ion Ratio Lower Upper
 149 100
 91 73.1 48.0 72.0#
 206 20.6 16.0 24.0





#80

Benzo(a)anthracene

Concen: 0.89 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

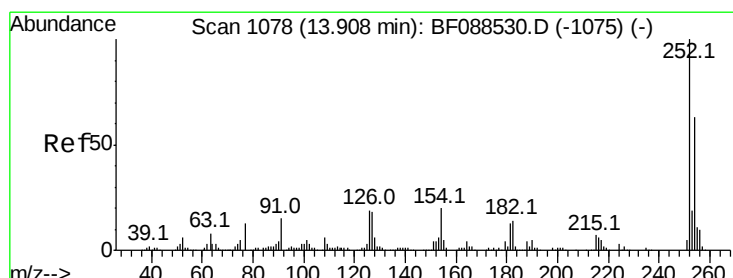
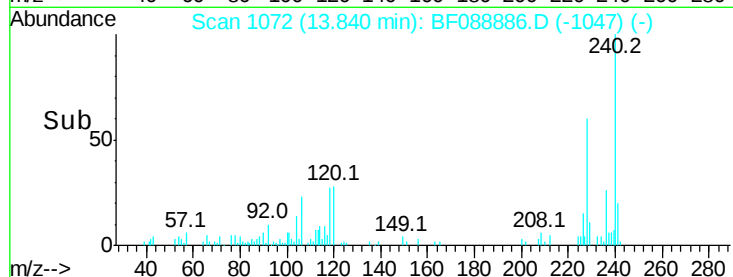
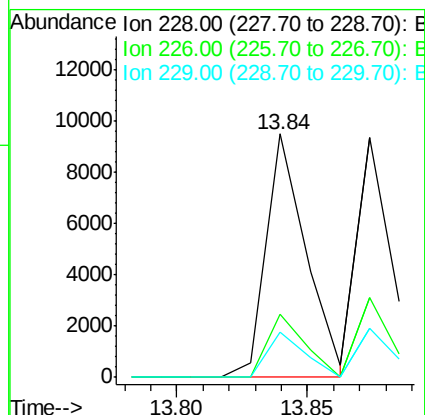
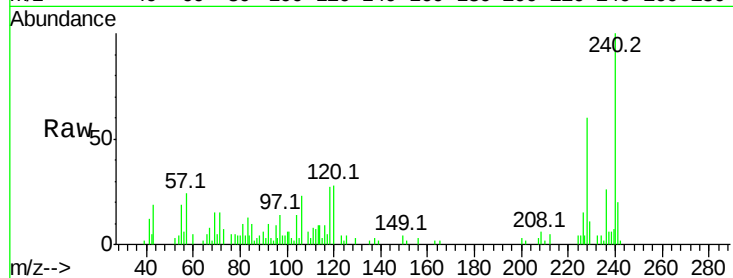
P001-WW001-01MS

Tot Ion:	228	Resp:	10063
Ion Ratio	Lower	Upper	
228	100		
226	25.7	22.3	33.5
229	18.7	16.0	24.0

Manual Integrations

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#81

3,3'-Dichlorobenzidine

Concen: 0.26 ng

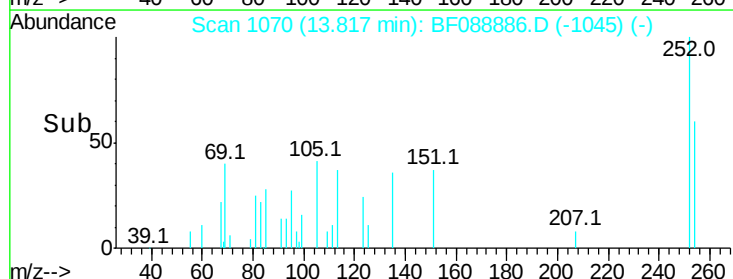
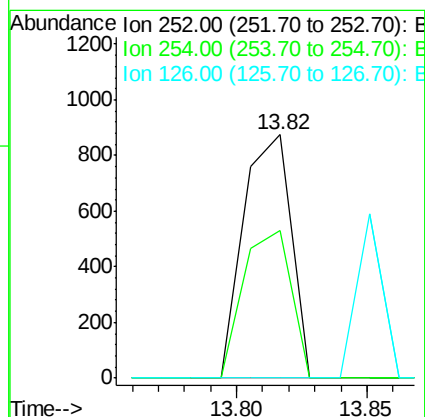
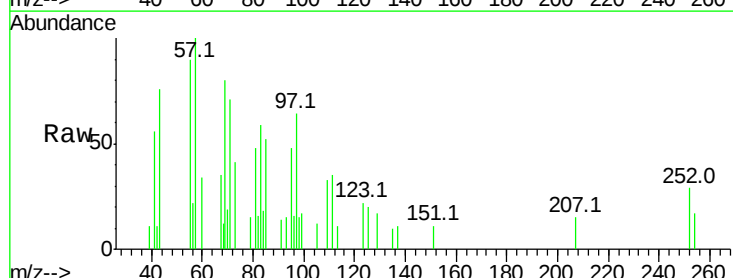
RT: 13.82 min Scan# 1070

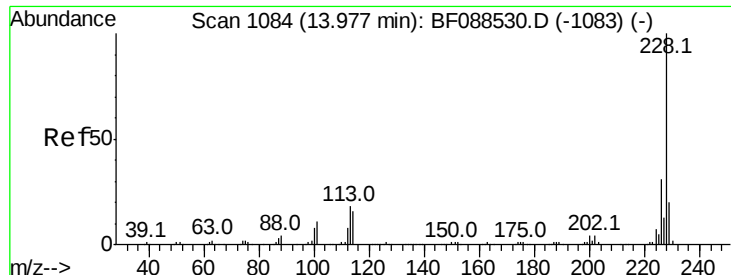
Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Tgt Ion:	252	Resp:	1121
Ion Ratio	Lower	Upper	
252	100		
254	60.5	52.6	78.8
126	0.0	6.2	9.2#





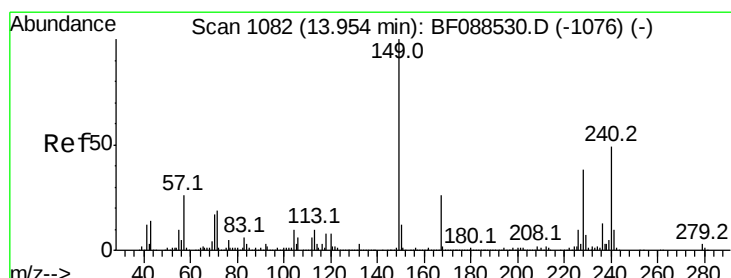
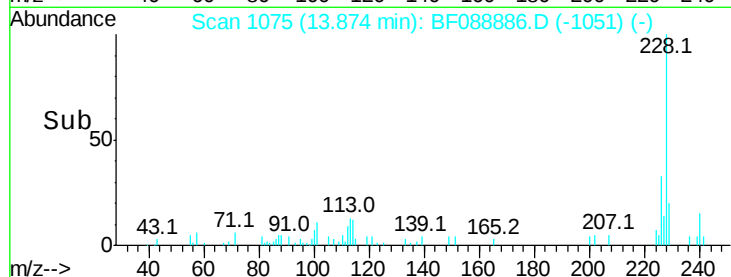
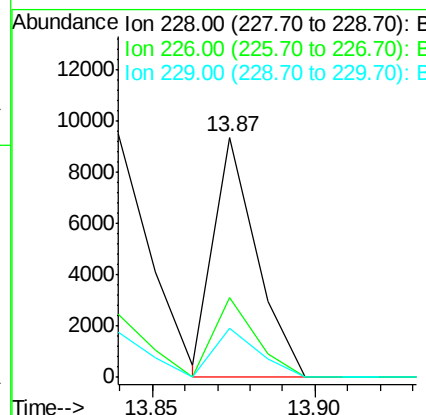
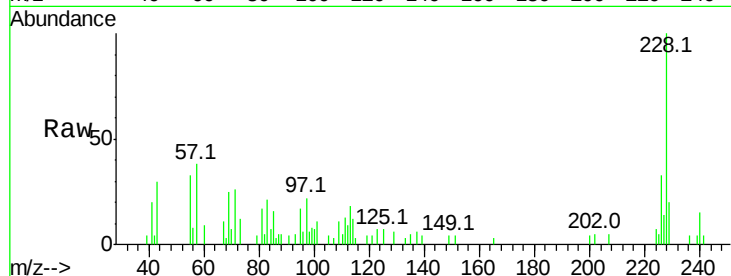
#82
Chrysene
Concen: 0.76 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.4	38.2
229	20.5	16.3	24.5

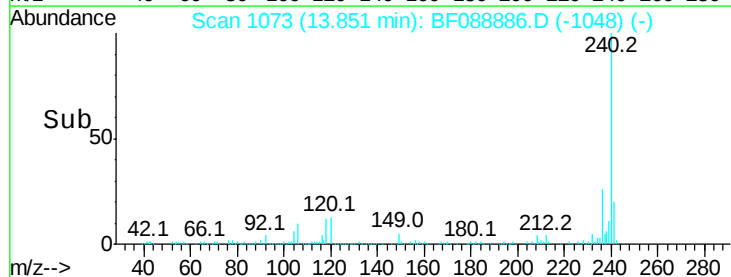
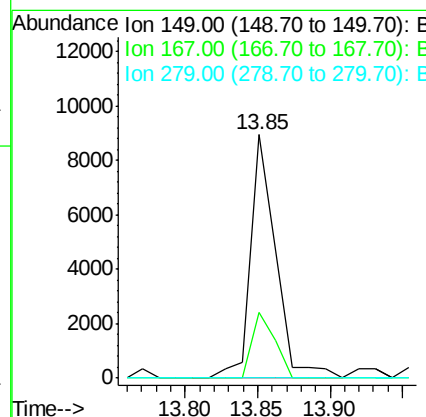
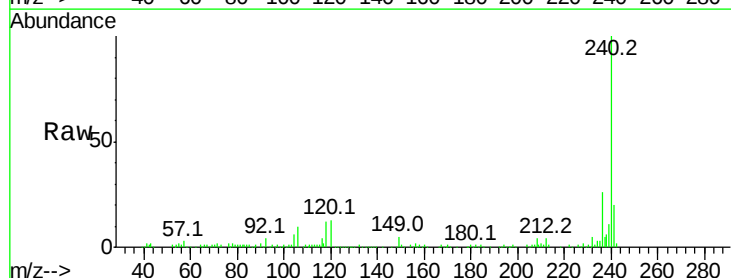
Manual Integrations

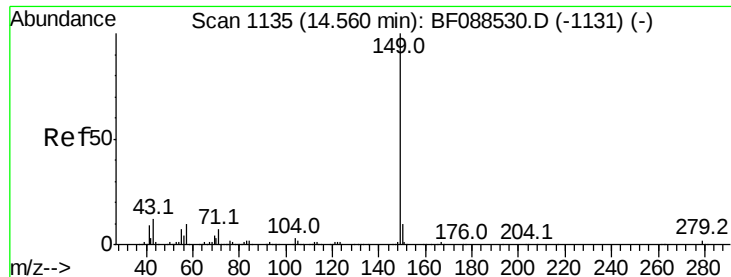
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.43 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.5	30.7
279	0.0	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 0.89 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MS

Tot Ion:149 Resp: 11412

Ion Ratio Lower Upper

149 100

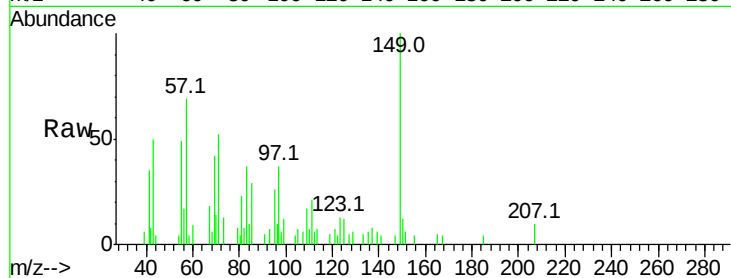
167 4.3 0.0 0.0#

43 13.2 0.0 0.0#

Manual Integrations

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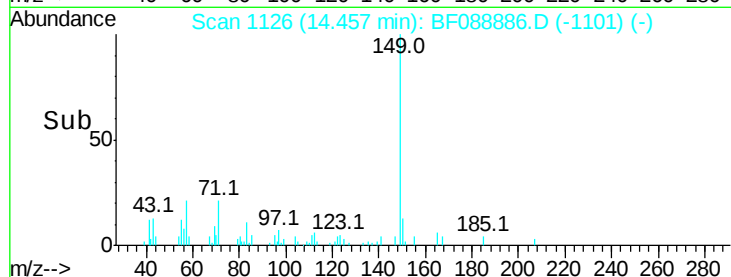


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time-->



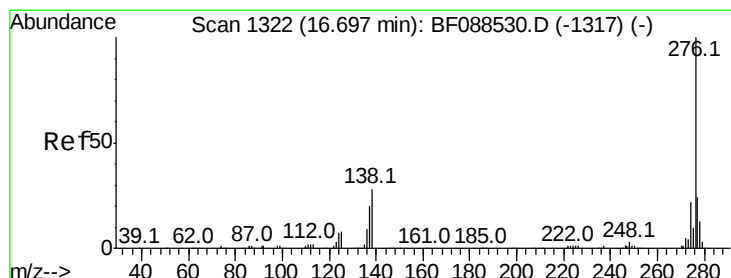
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF088886.D

Acq: 9 Jul 2016 22:29

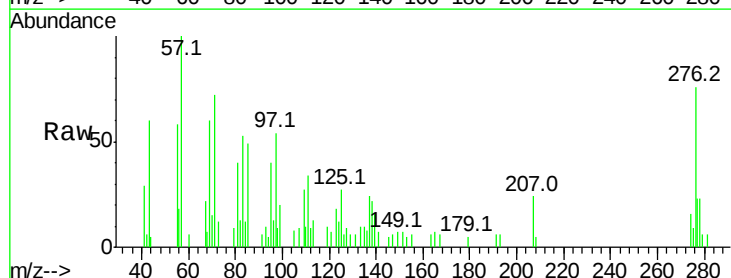
Tgt Ion:276 Resp: 9096

Ion Ratio Lower Upper

276 100

138 36.4 0.0 0.0#

277 26.3 0.0 0.0#

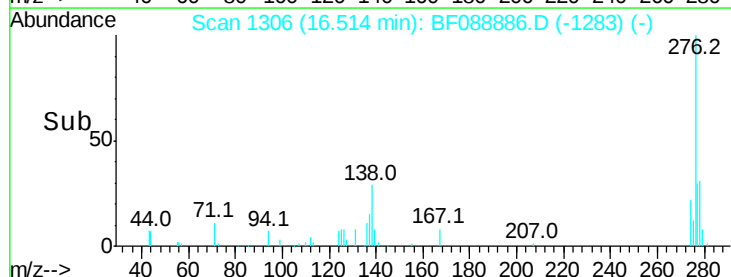


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



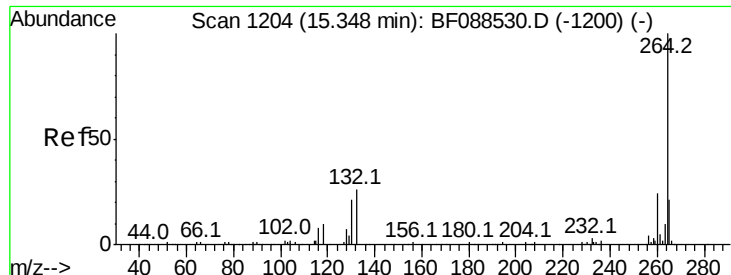
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



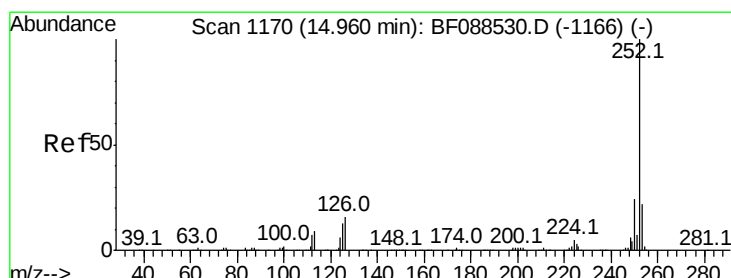
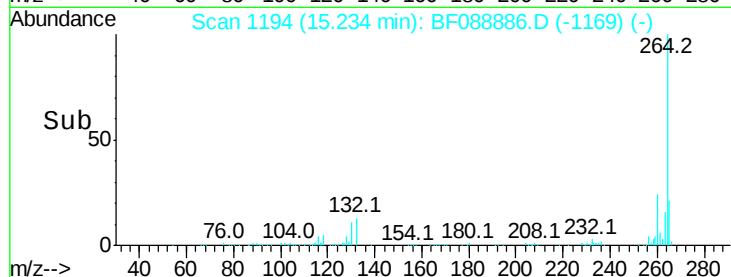
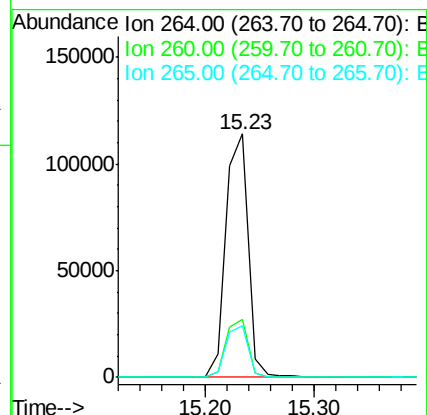
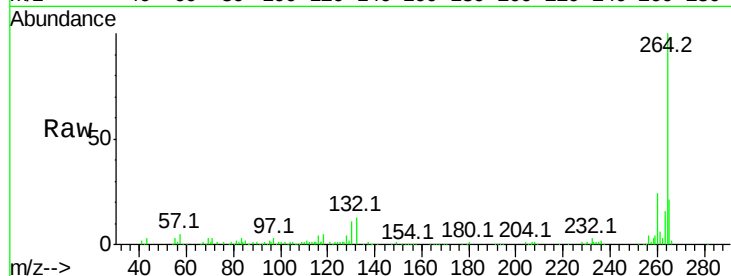
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	16.9	25.3

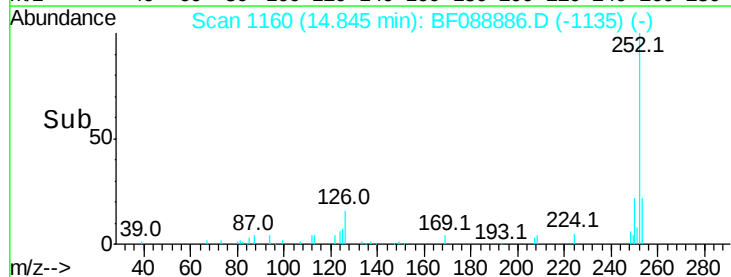
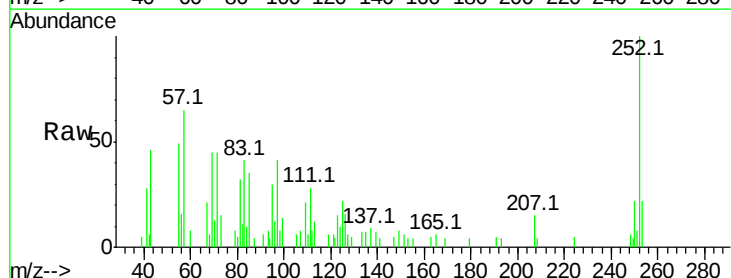
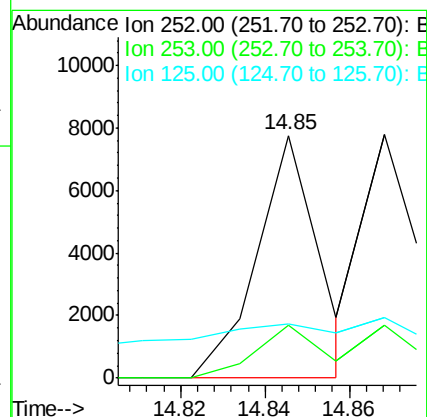
Manual Integrations

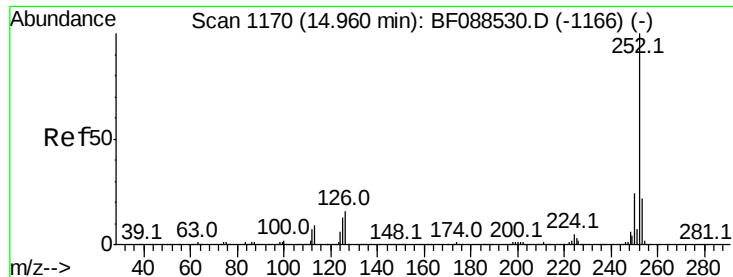
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#87
Benzo(b)fluoranthene
Concen: 0.78 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	22.4	7.1	10.7#





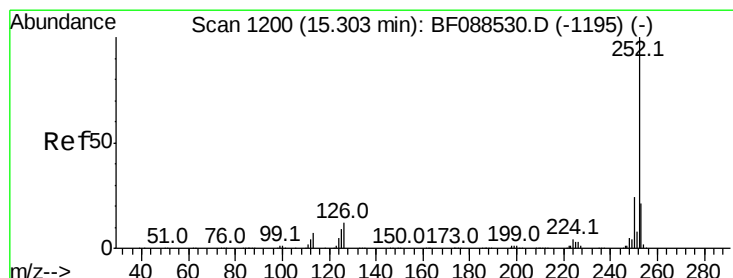
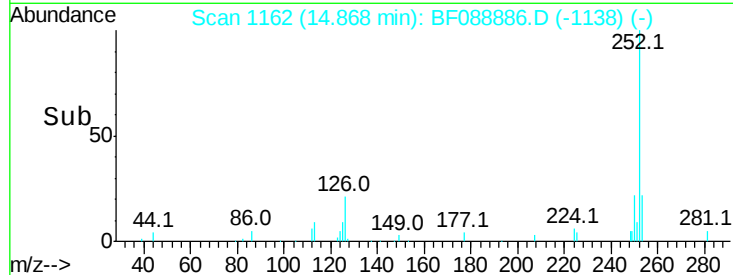
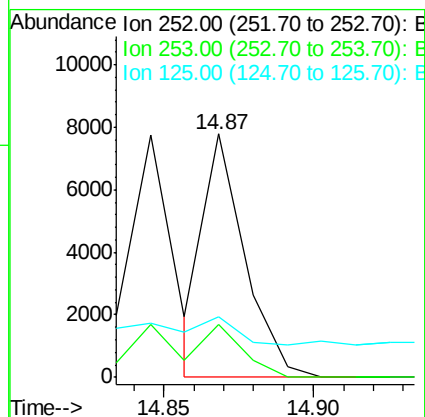
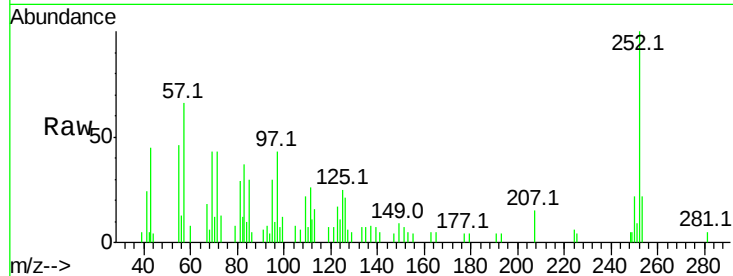
#88
Benzo(k)fluoranthene
Concen: 0.83 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion:252 Resp: 7376
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 24.9 11.2 16.8#

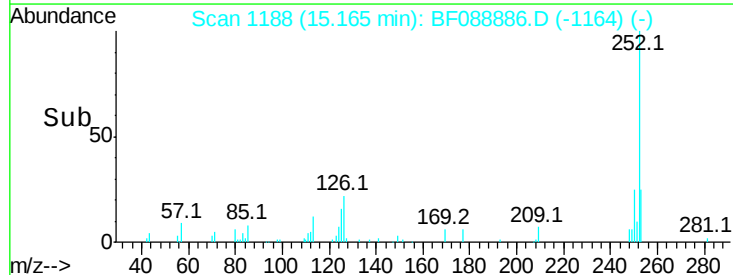
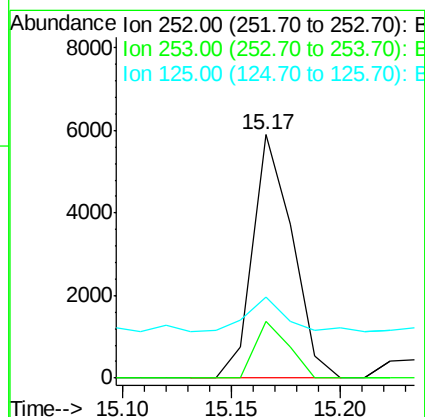
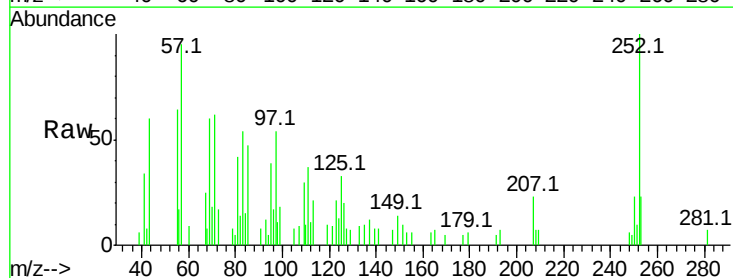
Manual Integrations

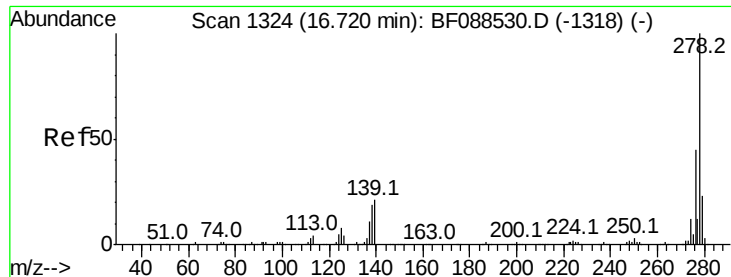
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#89
Benzo(a)pyrene
Concen: 0.87 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion:252 Resp: 7476
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 33.1 12.5 18.7#





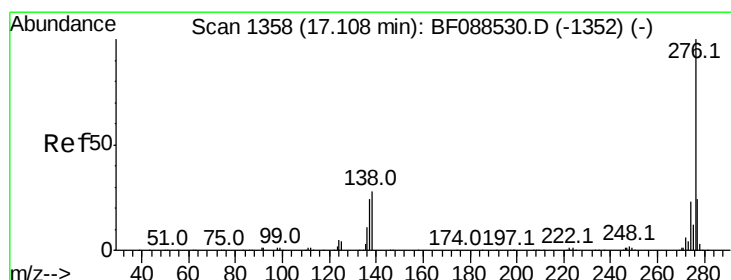
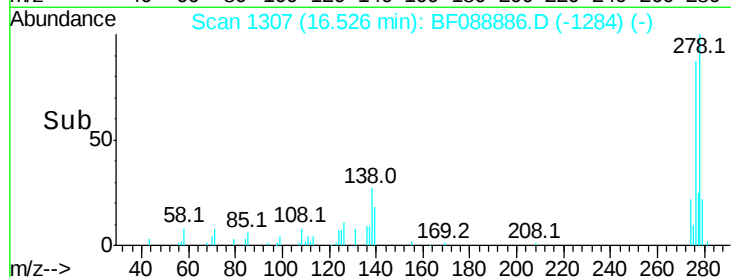
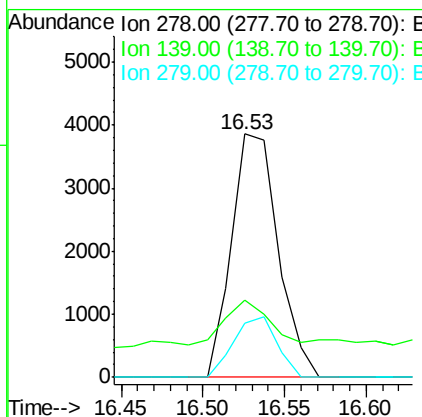
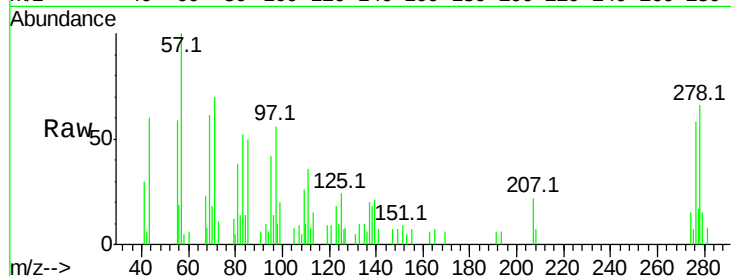
#90
Dibenzo(a,h)anthracene
Concen: 1.06 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.03 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.5	15.7	23.5
279	22.2	19.4	29.2

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 0.98 ng
RT: 16.90 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF088886.D
Acq: 9 Jul 2016 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	26.1	21.4	32.2

