

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088887.D
 Acq On : 9 Jul 2016 22:58
 Operator : UM/SJ
 Sample : H3813-31MSD 25X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Manual Integrations

sohil
 7/11/2016 8:07:45 PM

Quant Time: Jul 11 15:55:29 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	89900m	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	363092	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	173677	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	342516	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	184116	20.00	ng	-0.02
86) Perylene-d12	15.23	264	172079	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	13403	2.23	ng	-0.02
7) Phenol-d6	6.34	99	11719	1.51	ng	-0.03
23) Nitrobenzene-d5	7.28	82	22032	3.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	8601	5.33	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	40960	3.73	ng	-0.01
78) Terphenyl-d14	12.81	244	35681	4.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	1536	0.52	ng	# 71
3) Pyridine	2.99	79	566	0.07	ng	# 23
4) n-Nitrosodimethylamine	2.87	42	210	0.06	ng	# 86
6) Aniline	6.38	93	2815	0.25	ng	99
8) 2-Chlorophenol	6.50	128	3980	0.62	ng	86
9) Benzaldehyde	6.26	77	2869	0.55	ng	97
10) Phenol	6.36	94	2385	0.27	ng	# 59
11) bis(2-Chloroethyl)ether	6.44	93	4449	0.67	ng	88
12) 1,3-Dichlorobenzene	6.66	146	4694m	0.66	ng	
13) 1,4-Dichlorobenzene	6.73	146	4754m	0.68	ng	
14) 1,2-Dichlorobenzene	6.89	146	5026	0.76	ng	# 92
15) Benzyl Alcohol	6.86	79	2935	0.51	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	5417	0.57	ng	88
17) 2-Methylphenol	6.98	107	2724	0.52	ng	96
18) Hexachloroethane	7.23	117	1865	0.68	ng	90
19) n-Nitroso-di-n-propylamine	7.13	70	3716	0.71	ng	88
20) 3+4-Methylphenols	7.13	107	3611	0.57	ng	# 60
22) Acetophenone	7.13	105	6885	0.78	ng	# 92
24) Nitrobenzene	7.30	77	4992	0.71	ng	93
25) Isophorone	7.54	82	10076	0.79	ng	97
26) 2-Nitrophenol	7.62	139	2070	0.72	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	3912	0.66	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	6681	0.80	ng	# 97
29) 2,4-Dichlorophenol	7.86	162	3235	0.67	ng	92
30) 1,2,4-Trichlorobenzene	7.95	180	4156	0.79	ng	97
31) Naphthalene	8.02	128	15116	0.84	ng	99
33) 4-Chloroaniline	8.08	127	3502	0.44	ng	# 95
34) Hexachlorobutadiene	8.15	225	2082	0.73	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	4194	0.74	ng	95
37) 2-Methylnaphthalene	8.72	142	10469	0.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3774	0.65	ng	# 1
40) Hexachlorocyclopentadiene	8.88	237	900	0.32	ng	94
42) 2,4,6-Trichlorophenol	8.99	196	2698	0.71	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	2542	0.78	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.18	154	11824	0.82	nq	98
46) 2-Chloronaphthalene	9.20	162	9788	0.87	nq	98
47) 2-Nitroaniline	9.29	65	2498	0.62	nq	90
48) Acenaphthylene	9.61	152	14891	0.83	nq	98
49) Dimethylphthalate	9.47	163	15699	1.27	nq	100
50) 2,6-Dinitrotoluene	9.54	165	1928	0.70	nq	97
51) Acenaphthene	9.78	154	10106	0.92	nq	98
52) 3-Nitroaniline	9.70	138	1933	0.55	nq	# 95
54) Dibenzofuran	9.95	168	13973	0.97	nq	# 90
55) 4-Nitrophenol	9.87	139	1777	0.67	nq	# 82
56) 2,4-Dinitrotoluene	9.94	165	2446	0.68	nq	# 91
57) Fluorene	10.30	166	11570	1.04	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1941	0.77	nq	# 53
59) Diethylphthalate	10.17	149	11059	0.89	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	5332	1.03	nq	95
61) 4-Nitroaniline	10.30	138	1987	0.59	nq	# 77
62) Azobenzene	10.46	77	11357	0.80	nq	87
65) n-Nitrosodiphenylamine	10.41	169	9973	0.86	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	2806	0.81	nq	# 66
67) Hexachlorobenzene	10.84	284	3028	0.79	nq	# 88
68) Atrazine	10.95	200	3247	0.90	nq	90
69) Pentachlorophenol	11.04	266	3594	1.59	nq	93
70) Phenanthrene	11.26	178	14275	0.76	nq	98
71) Anthracene	11.30	178	16633	0.89	nq	97
72) Carbazole	11.46	167	13807	0.79	nq	98
73) Di-n-butylphthalate	11.80	149	19764	0.97	nq	100
74) Fluoranthene	12.43	202	14956	0.79	nq	99
77) Pvrene	12.66	202	13918	0.89	nq	100
79) Butylbenzylphthalate	13.29	149	7464	1.07	nq	# 86
80) Benzo(a)anthracene	13.84	228	9874	0.83	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	1161	0.26	nq	# 94
82) Chrysene	13.87	228	9202	0.78	nq	95
83) Bis(2-ethylhexyl)phthalate	13.85	149	10453	1.31	nq	# 98
84) Di-n-octyl phthalate	14.47	149	15115	1.12	nq	# 100
85) Indeno(1,2,3-cd)pvrene	16.51	276	8585	0.95	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	8273m	0.77	nq	
88) Benzo(k)fluoranthene	14.87	252	7198m	0.77	nq	
89) Benzo(a)pyrene	15.17	252	7406	0.81	nq	# 83
90) Dibenzo(a,h)anthracene	16.54	278	7130	0.93	nq	# 95
91) Benzo(g,h,i)perylene	16.90	276	7578	0.96	nq	96

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

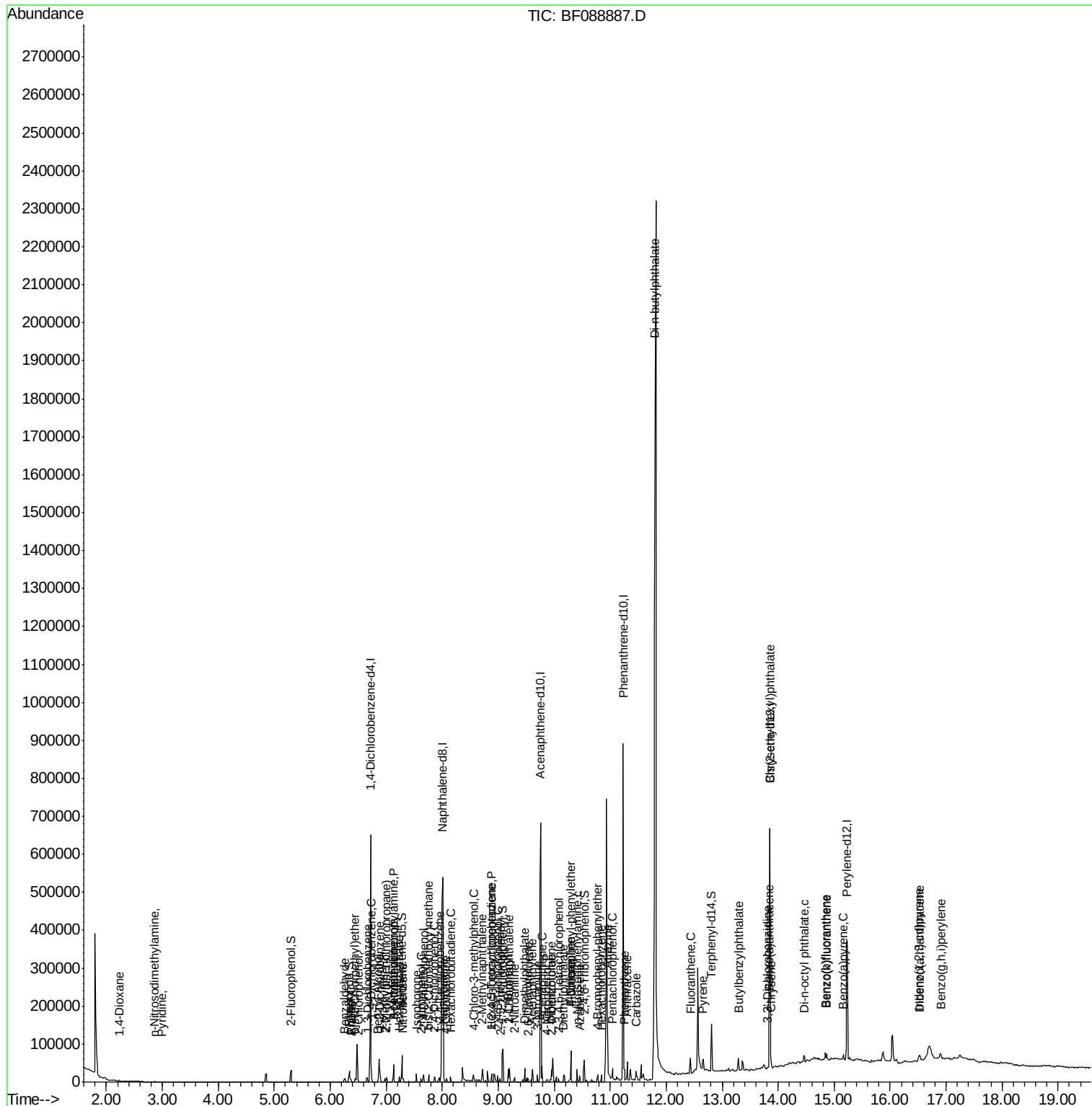
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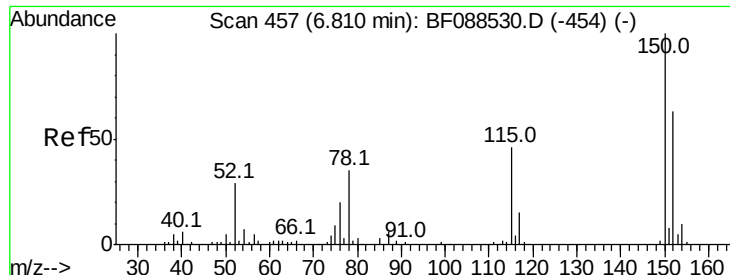
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion: 152 Resp: 89900

Ion Ratio Lower Upper

152 100

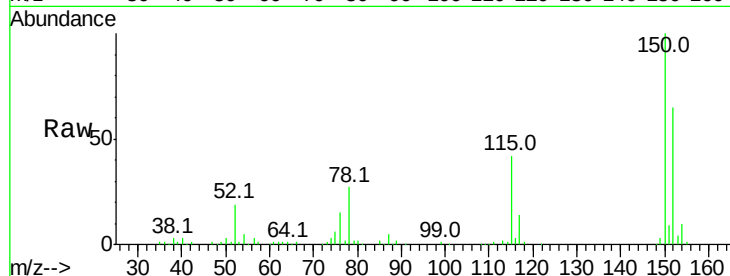
150 155.0 123.8 185.6

115 65.4 39.6 59.4#

Manual Integrations

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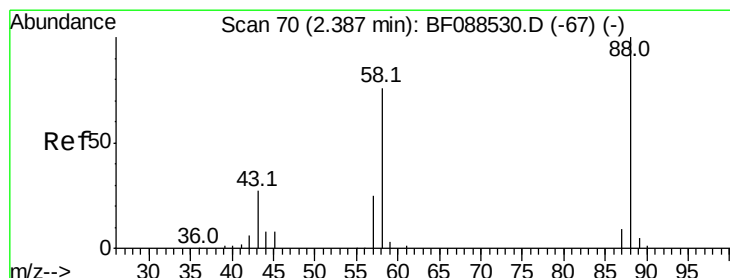
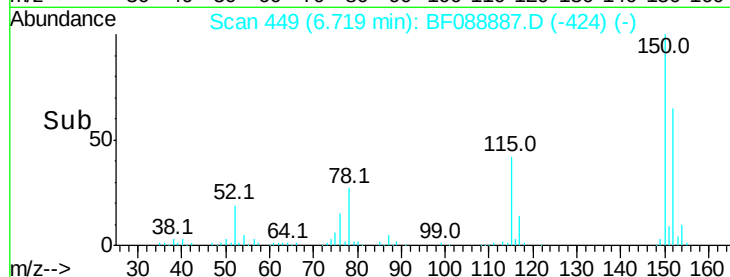
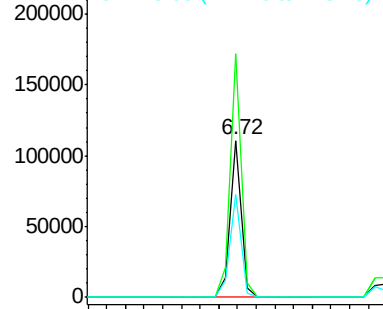
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.52 ng

RT: 2.24 min Scan# 57

Delta R.T. -0.00 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

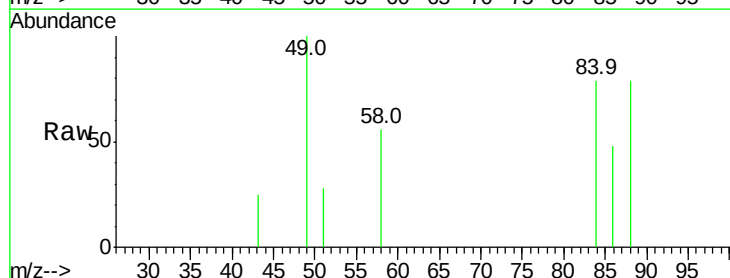
Tgt Ion: 88 Resp: 1536

Ion Ratio Lower Upper

88 100

58 51.8 0.0 0.0#

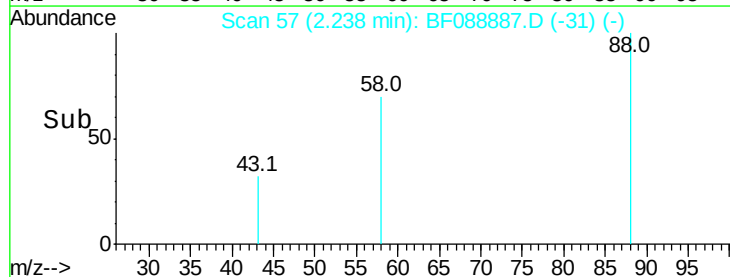
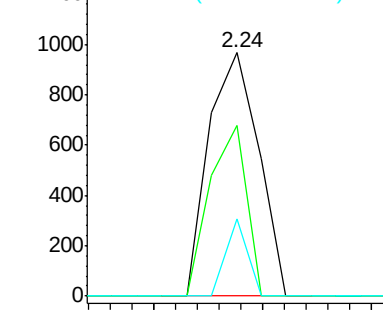
43 13.8 3.4 5.2#

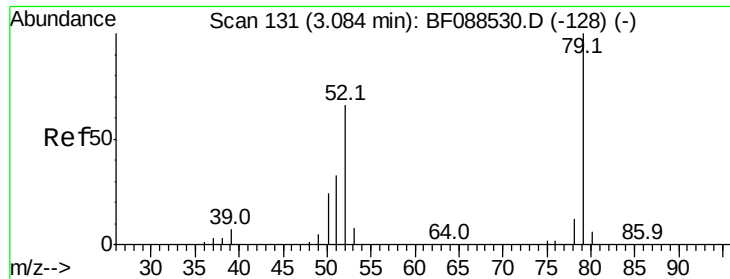


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.07 ng

RT: 2.99 min Scan# 123

Delta R.T. 0.09 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

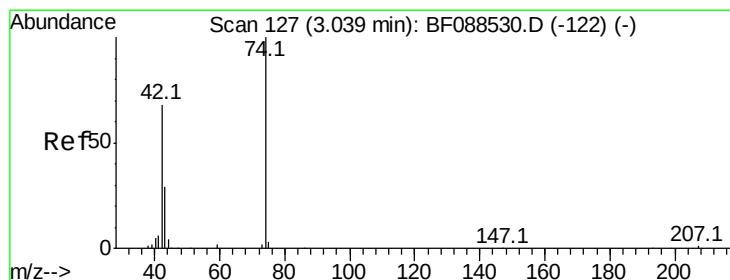
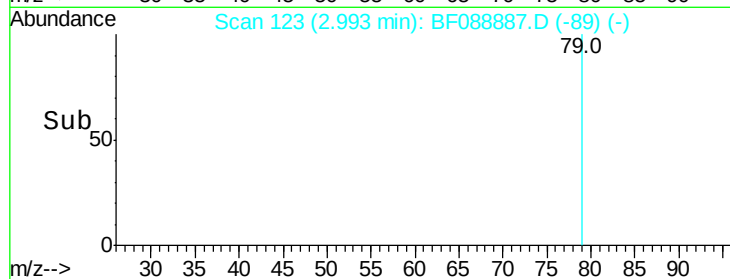
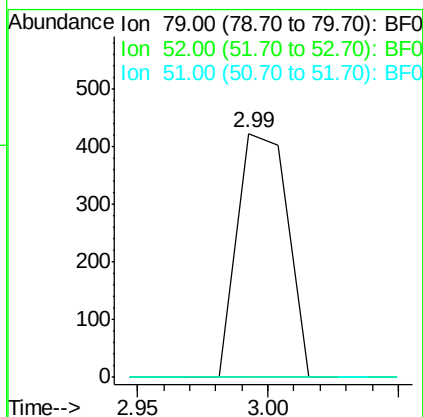
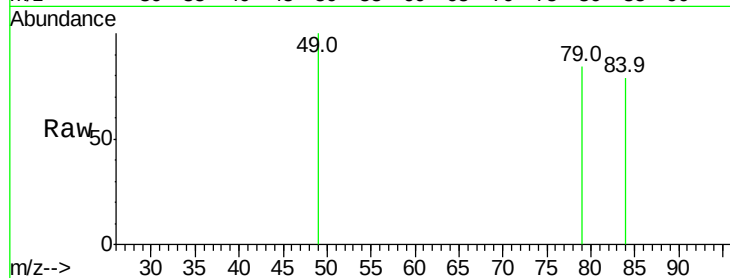
P001-WW001-01MSD

Tot Ion:	79	Resp:	566
Ion	Ratio	Lower	Upper
79	100		
52	0.0	56.3	84.5#
51	0.0	27.4	41.2#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 0.06 ng

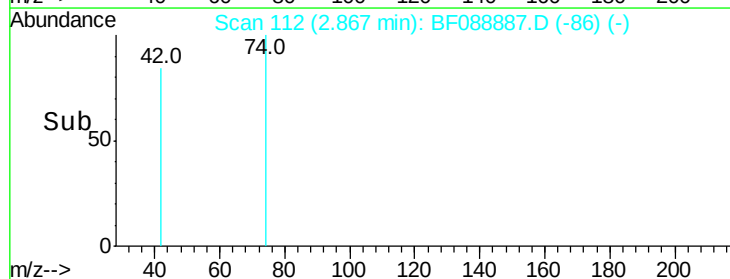
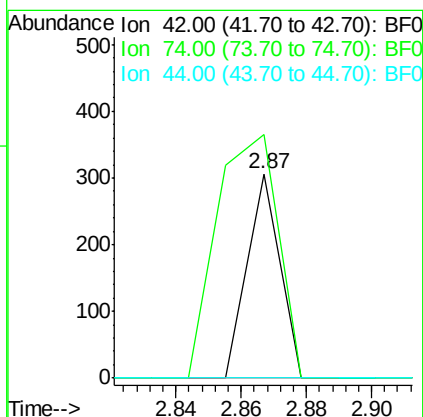
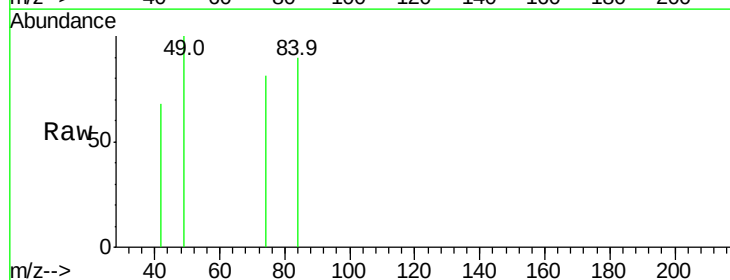
RT: 2.87 min Scan# 112

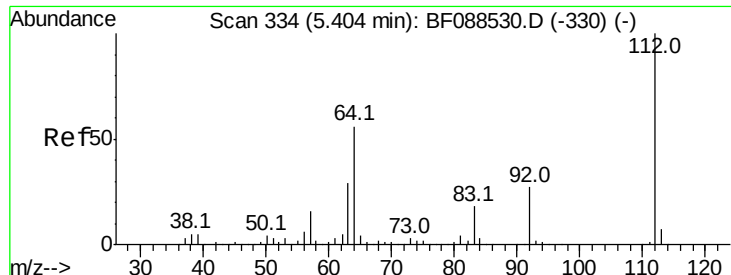
Delta R.T. -0.00 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Tgt Ion:	42	Resp:	210
Ion	Ratio	Lower	Upper
42	100		
74	119.3	108.6	163.0
44	0.0	5.5	8.3#





#5

2-Fluorophenol

Concen: 2.23 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088887.D

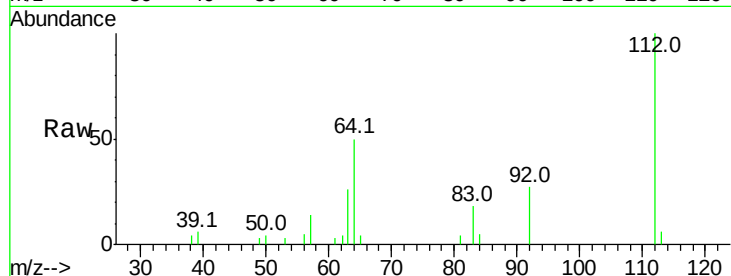
Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

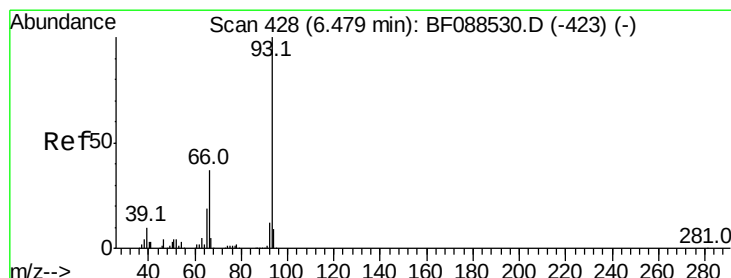
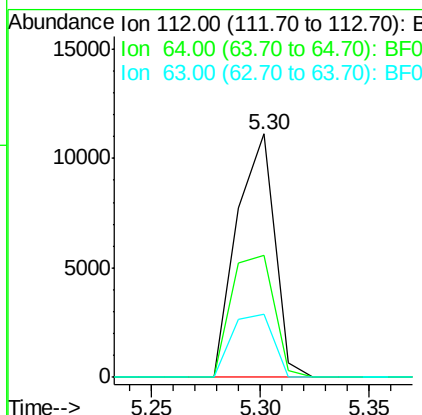
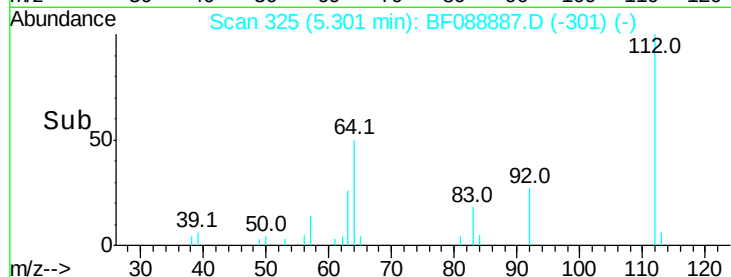


Tot Ion:	112	Resp:	13403
Ion Ratio	Lower	Upper	
112	100		
64	50.1	42.2	63.2
63	26.1	21.8	32.8

Manual Integrations

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#6

Aniline

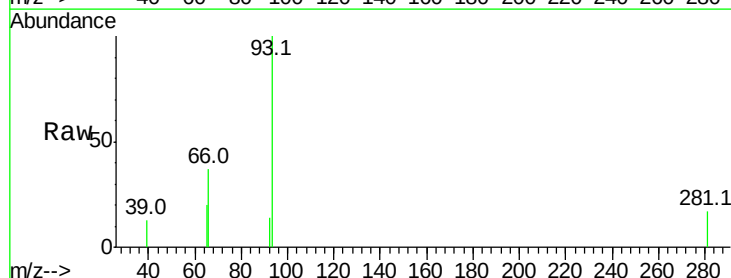
Concen: 0.25 ng

RT: 6.38 min Scan# 419

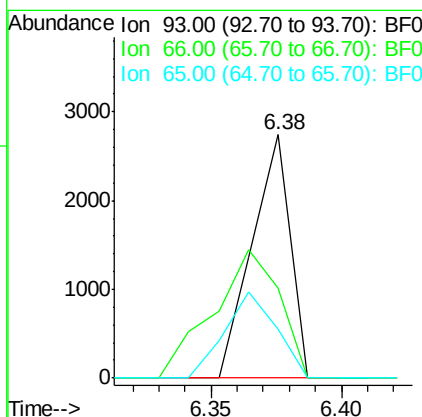
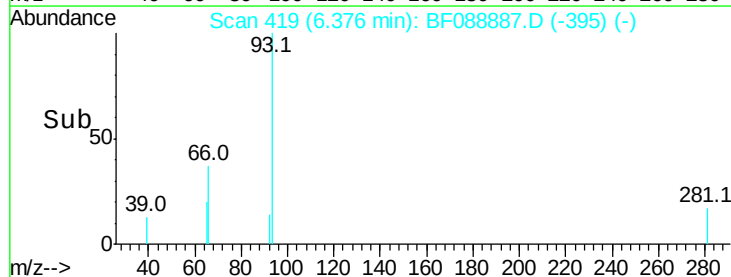
Delta R.T. -0.02 min

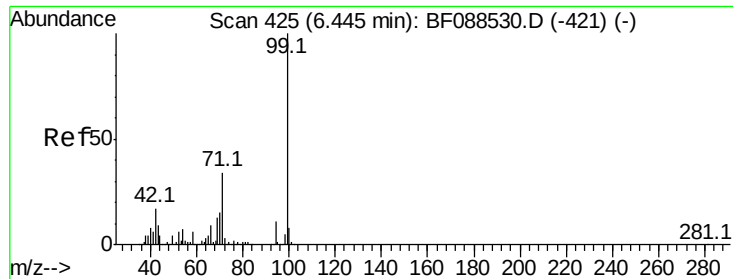
Lab File: BF088887.D

Acq: 9 Jul 2016 22:58



Tgt Ion:	93	Resp:	2815
Ion Ratio	Lower	Upper	
93	100		
66	37.1	29.8	44.8
65	19.9	14.9	22.3





#7

Phenol-d6

Concen: 1.51 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088887.D

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BNA_F

ClientSampleId :

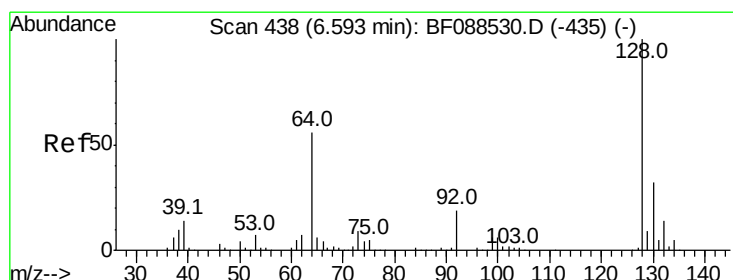
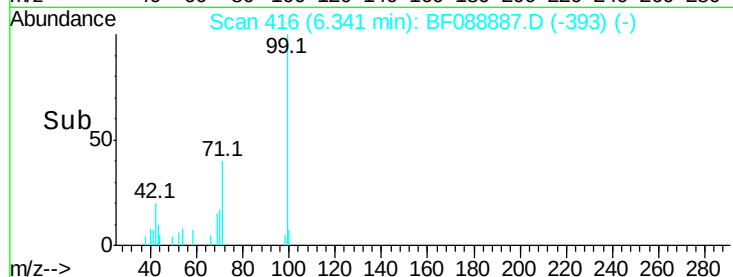
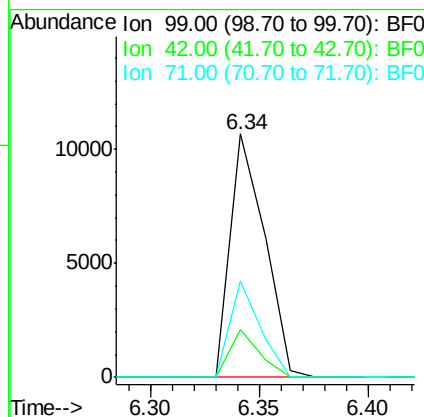
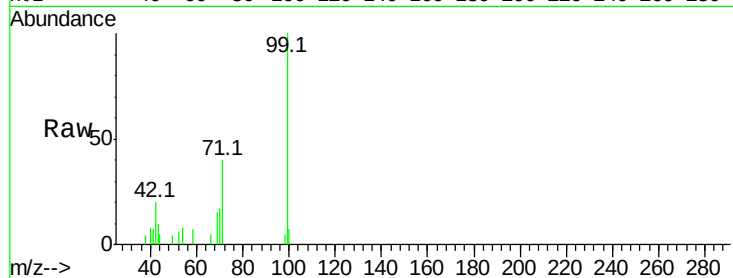
P001-WW001-01MSD

Tot Ion:	99	Resp:	11719
Ion Ratio	Lower	Upper	
99	100		
42	19.9	12.2	18.2#
71	39.7	23.4	35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 0.62 ng

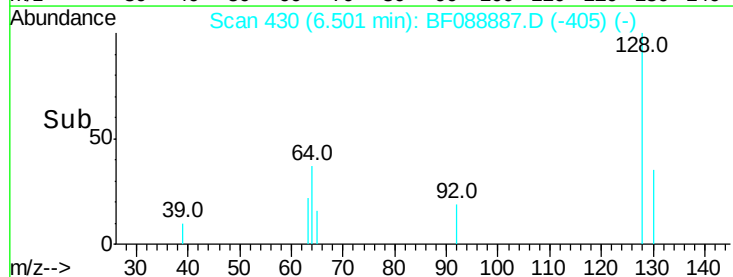
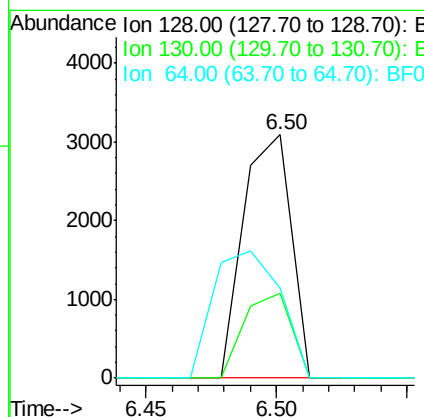
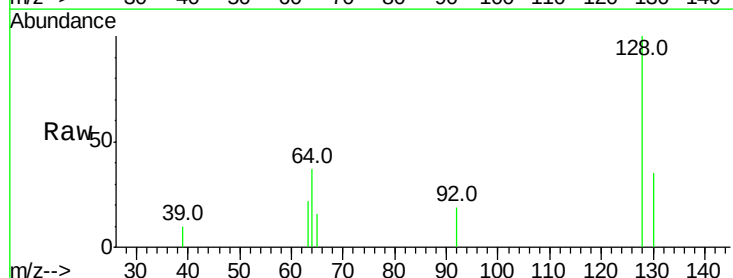
RT: 6.50 min Scan# 430

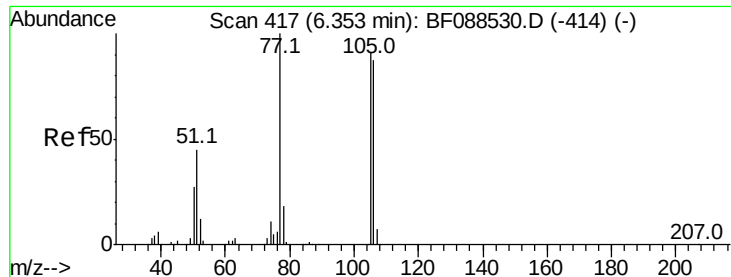
Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Tgt Ion:	128	Resp:	3980
Ion Ratio	Lower	Upper	
128	100		
130	34.7	12.0	52.0
64	36.8	30.8	70.8





#9

Benzaldehyde

Concen: 0.55 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF088887.D

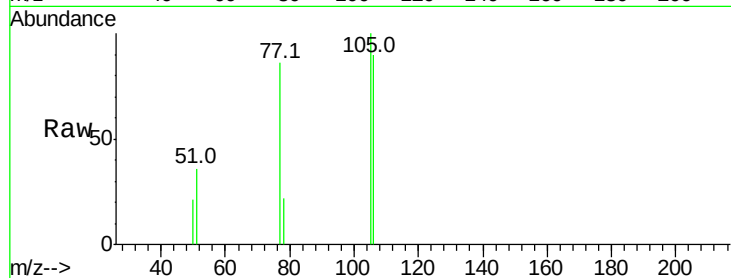
Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD



Tot Ion: 77 Resp: 2869

Ion Ratio Lower Upper

77 100

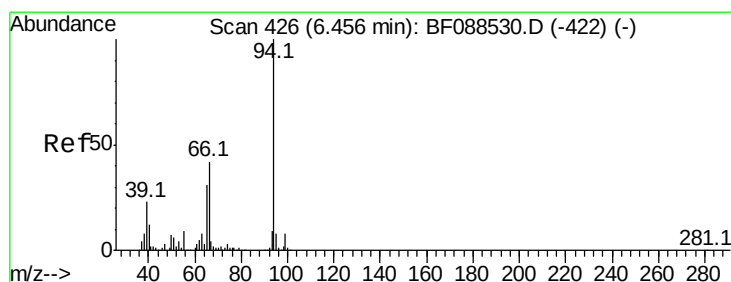
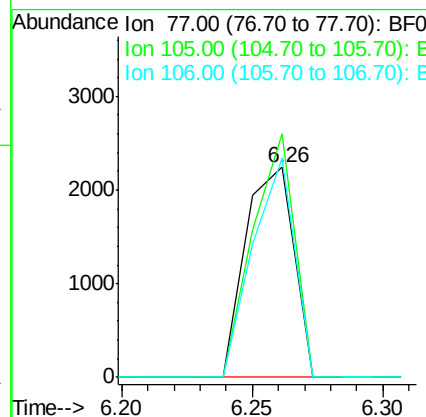
105 116.0 90.6 130.6

106 104.8 85.3 125.3

Manual Integrations

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#10

Phenol

Concen: 0.27 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088887.D

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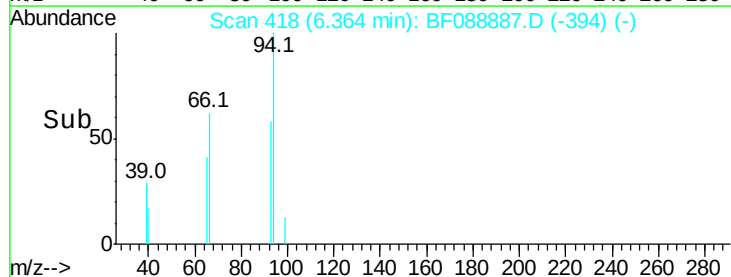
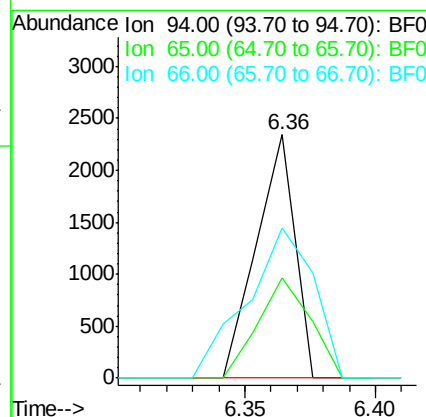
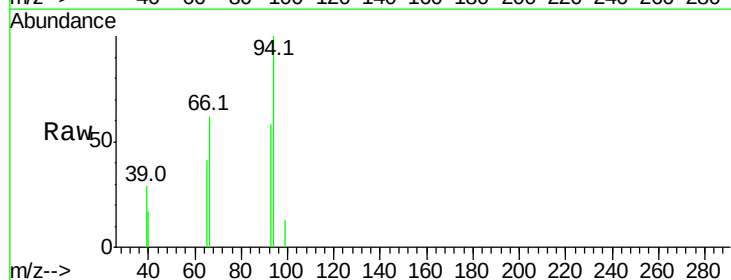
Tgt Ion: 94 Resp: 2385

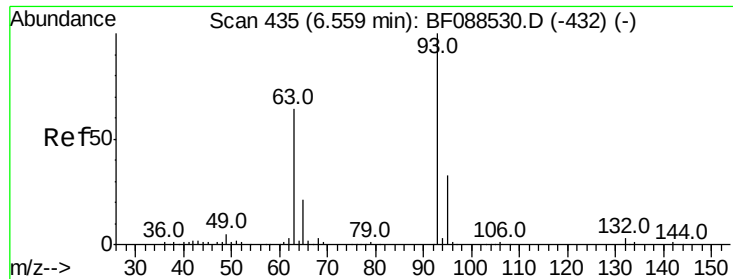
Ion Ratio Lower Upper

94 100

65 41.4 5.9 45.9

66 61.8 14.0 54.0#





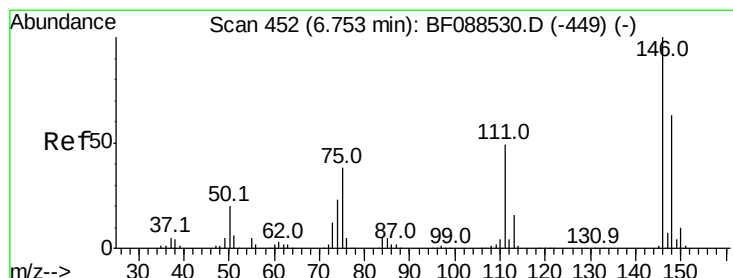
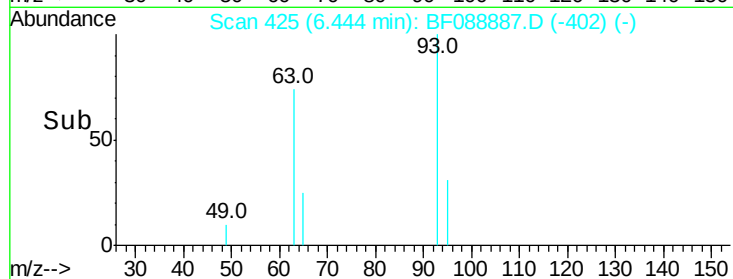
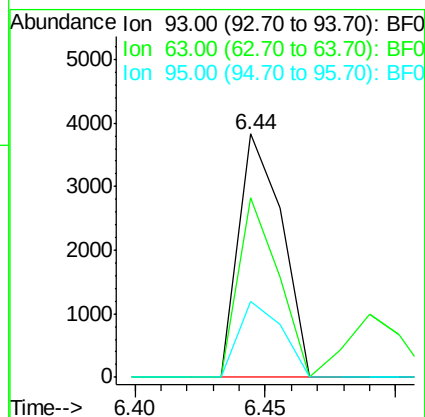
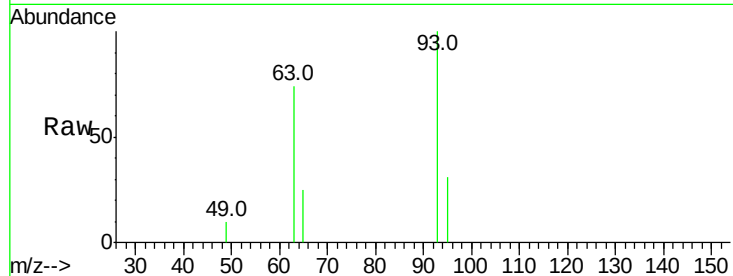
#11
bis(2-Chloroethyl)ether
Concen: 0.67 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion: 93 Resp: 4449
Ion Ratio Lower Upper
93 100
63 73.9 67.6 107.6
95 31.0 12.5 52.5

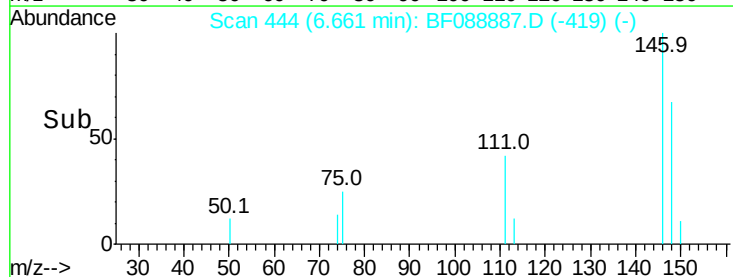
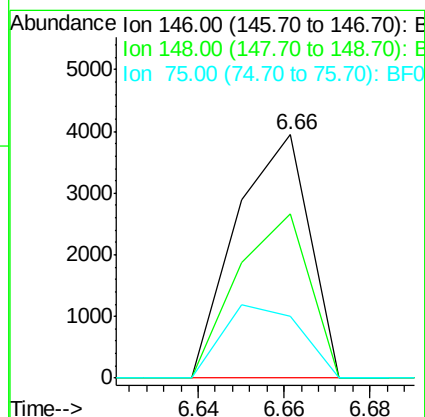
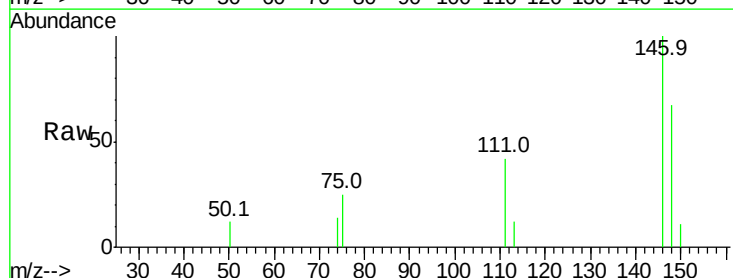
Manual Integrations

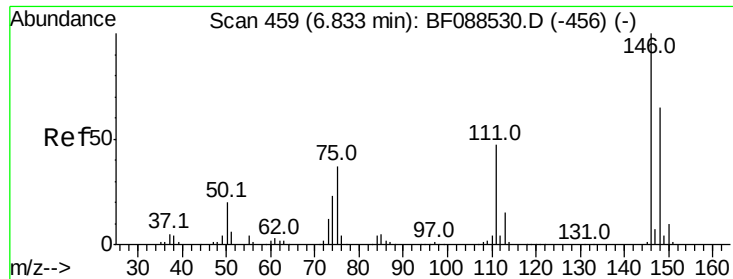
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#12
1,3-Dichlorobenzene
Concen: 0.66 ng m
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 146 Resp: 4694
Ion Ratio Lower Upper
146 100
148 67.3 50.9 76.3
75 25.2 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 0.68 ng/mL

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF088887.D

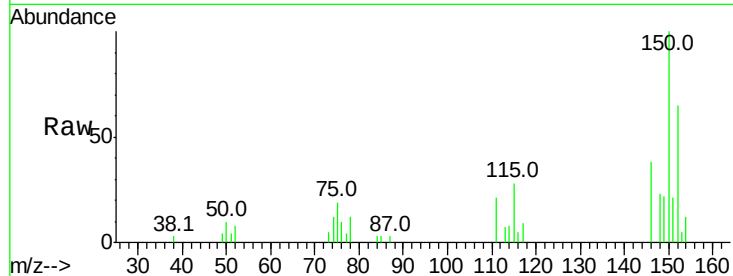
Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleID :

P001-WW001-01MSD

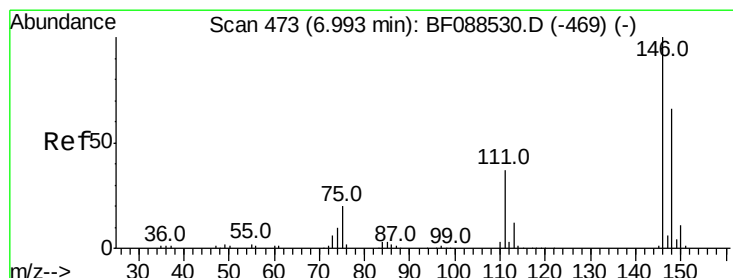
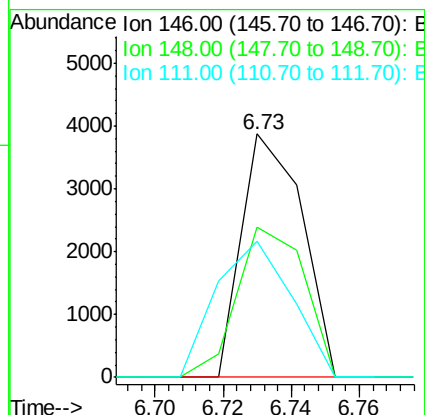
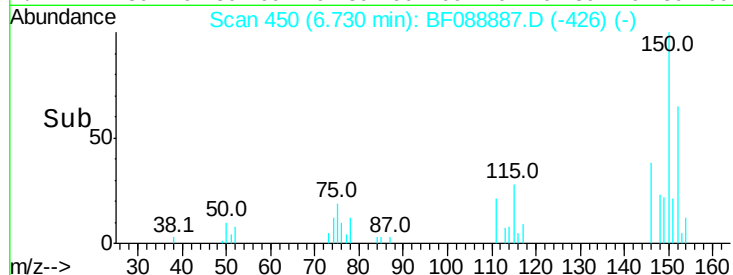


Tot Ion:	146	Resp:	4754
Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.0	78.0
111	56.0	33.8	50.8#

Manual Integrations

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#14

1,2-Dichlorobenzene

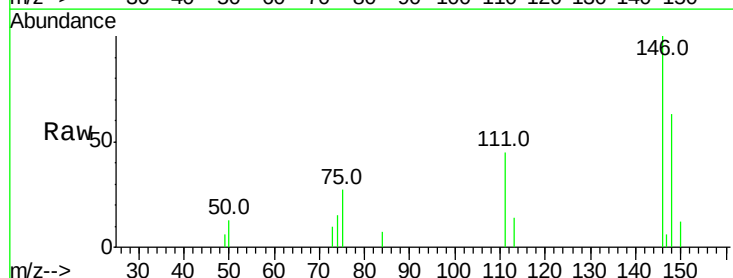
Concen: 0.76 ng/mL

RT: 6.89 min Scan# 464

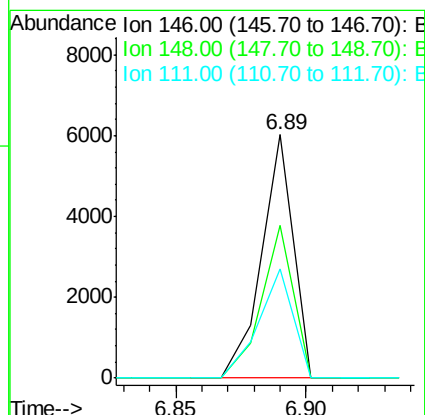
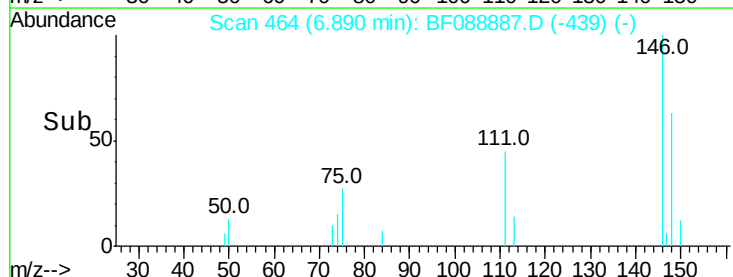
Delta R.T. -0.01 min

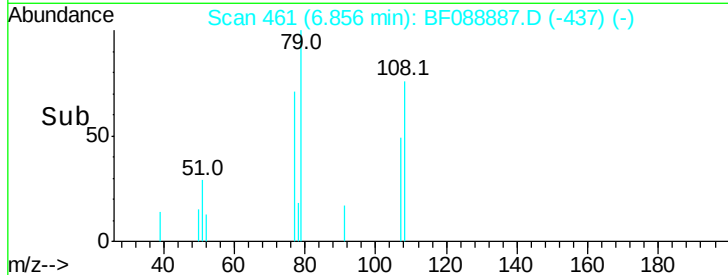
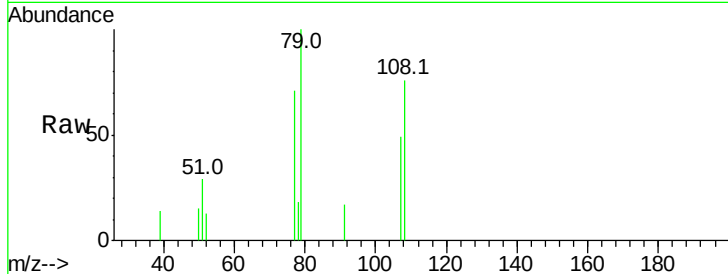
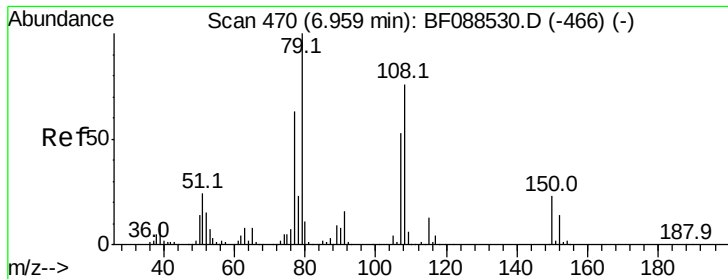
Lab File: BF088887.D

Acq: 9 Jul 2016 22:58



Tgt Ion:	146	Resp:	5026
Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.3	78.5
111	44.6	28.7	43.1#





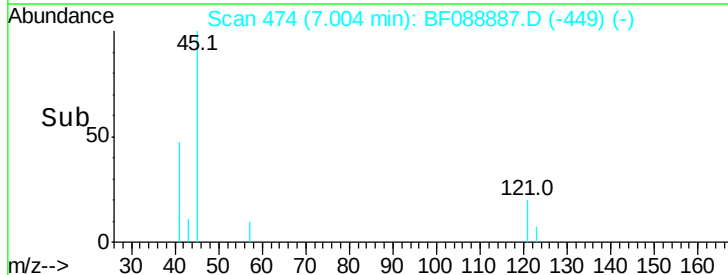
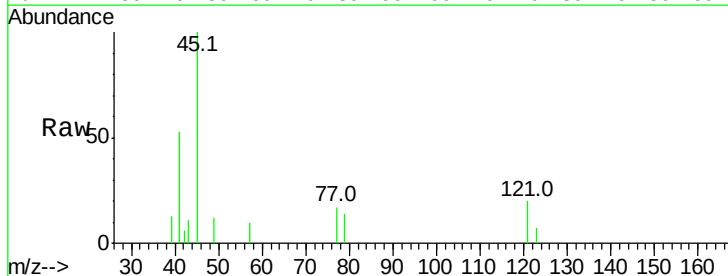
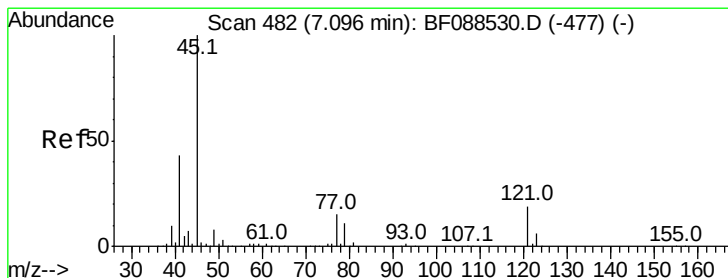
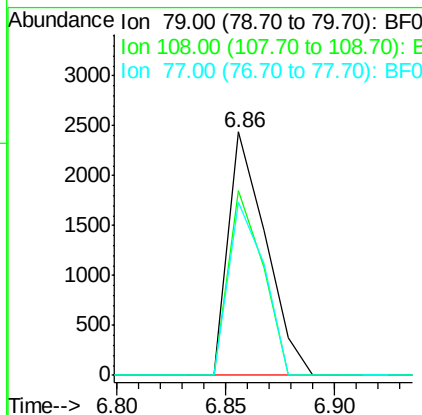
#15
Benzyl Alcohol
Concen: 0.51 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tot Ion: 79 Resp: 2935
Ion Ratio Lower Upper
79 100
108 76.1 65.0 97.6
77 71.4 50.3 75.5

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

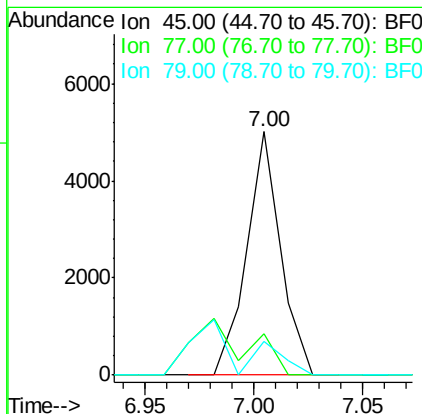
Manual Integrations

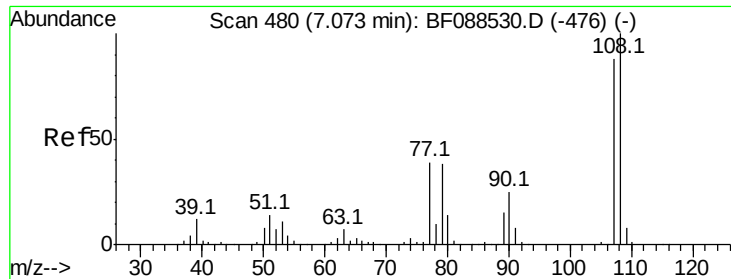
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.57 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 45 Resp: 5417
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.5
79 13.7 0.0 29.5





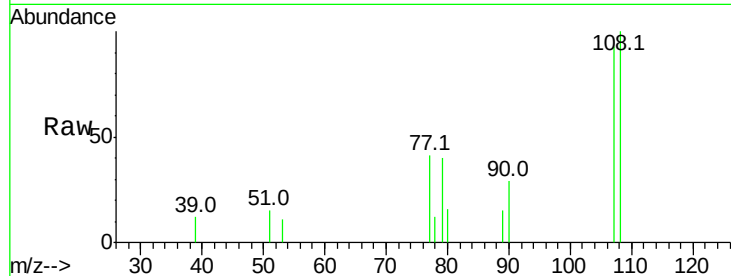
#17
2-Methylphenol
Concen: 0.52 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

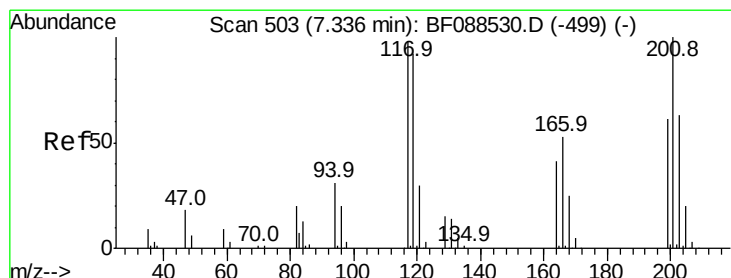
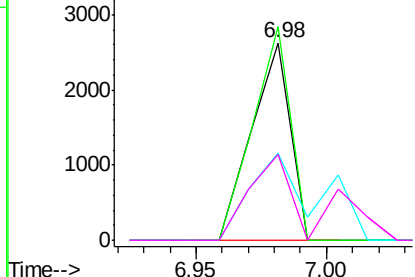
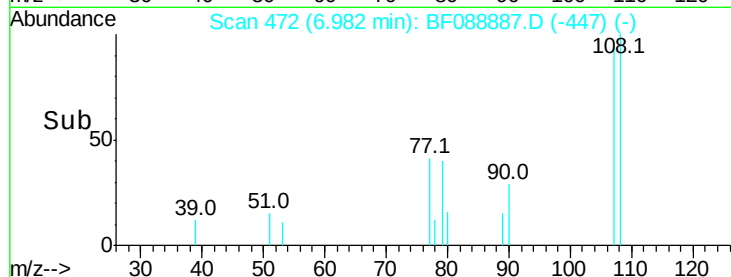
Tot Ion:	107	Resp:	2724
Ion	Ratio	Lower	Upper
107	100		
108	108.0	90.9	136.3
77	44.1	36.6	55.0
79	43.2	36.5	54.7

Manual Integrations

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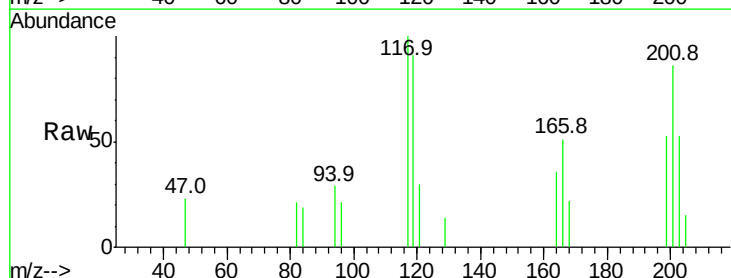


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

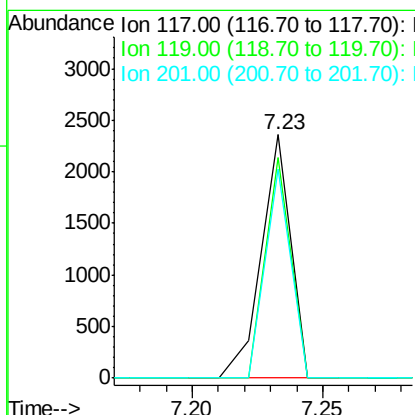
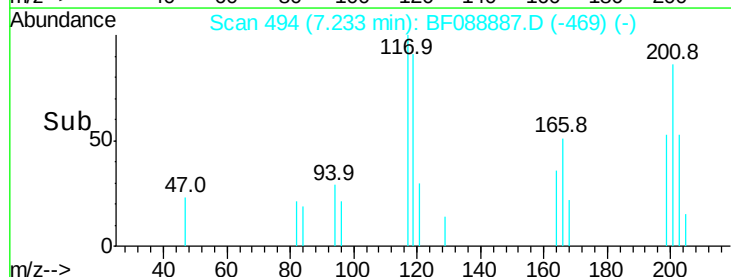


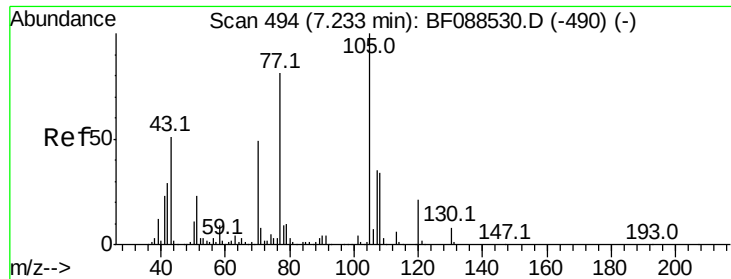
#18
Hexachloroethane
Concen: 0.68 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:	117	Resp:	1865
Ion	Ratio	Lower	Upper
117	100		
119	90.8	77.4	116.2
201	86.1	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: 0.71 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

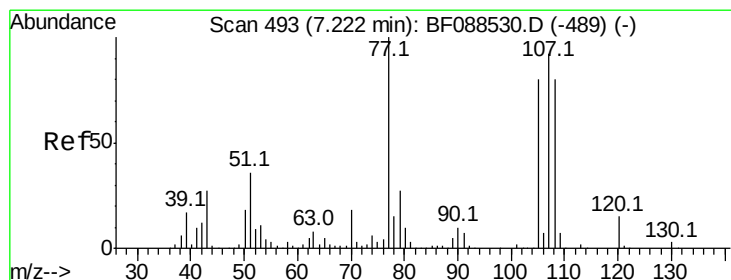
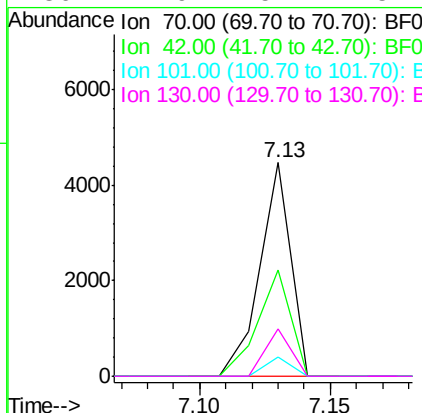
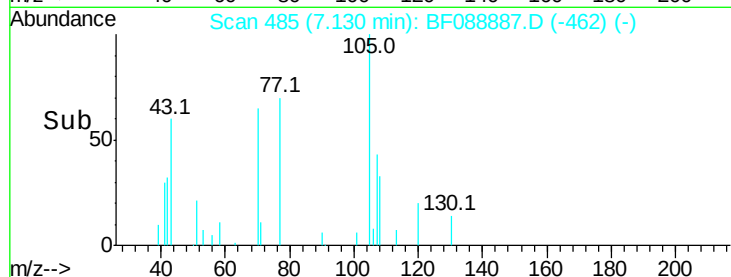
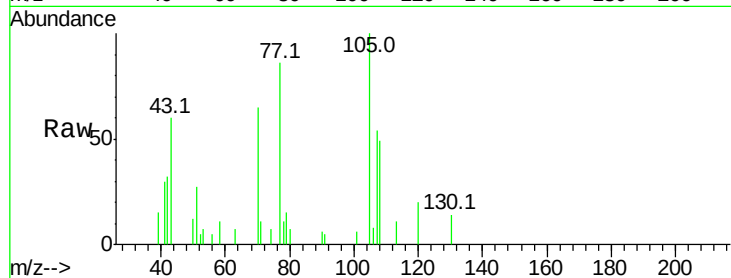
Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion: 70 Resp: 3716

Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.6	74.4
101	9.0	7.1	10.7
130	21.9	15.4	23.2

Manual Integrations

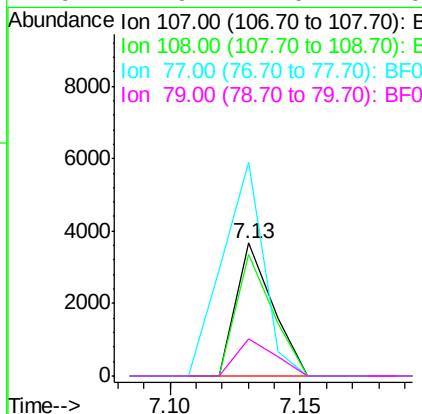
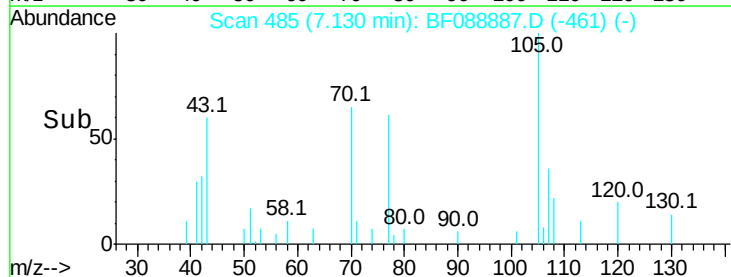
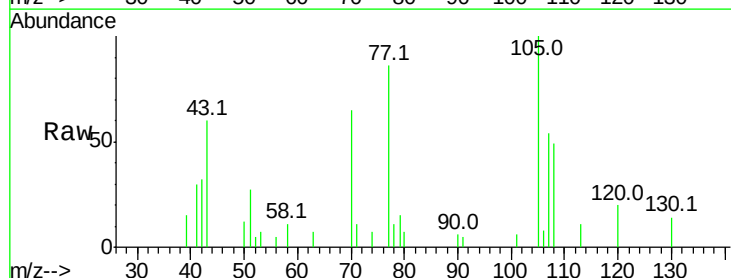
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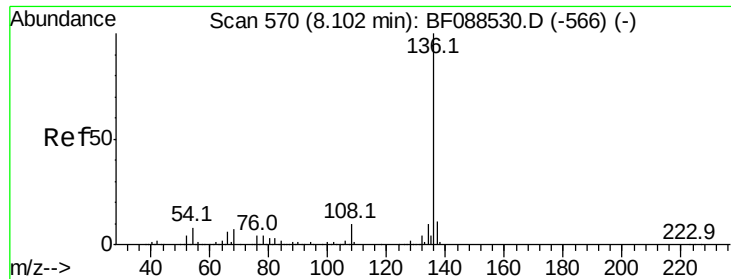


#20
3+4-Methylphenols
Concen: 0.57 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 107 Resp: 3611

Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.8	107.8
77	160.5	59.3	99.3#
79	27.9	7.0	47.0





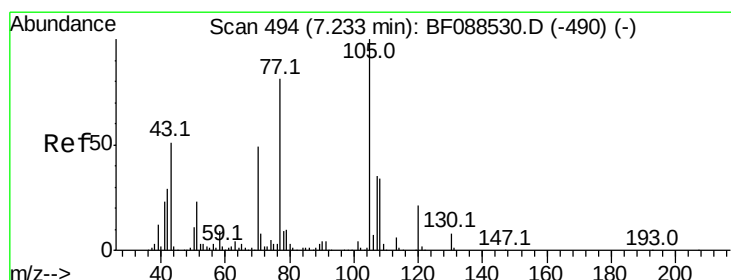
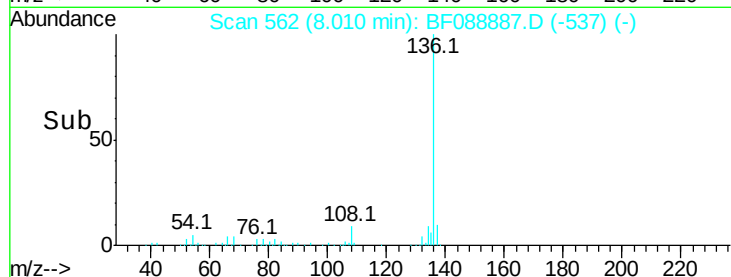
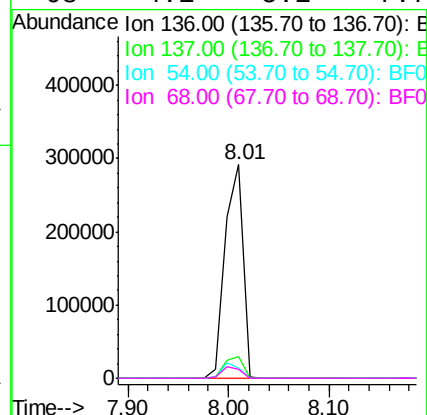
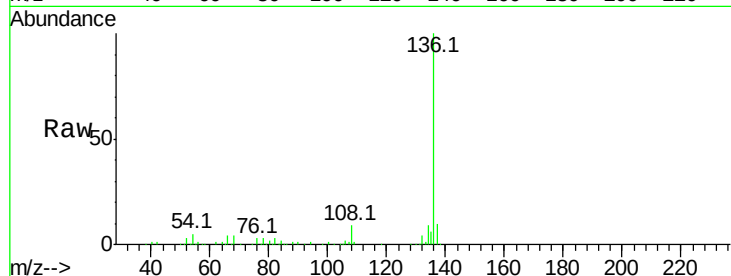
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	363092		
137	10.2		9.1	13.7
54	4.7		6.6	10.0#
68	4.1		5.1	7.7#

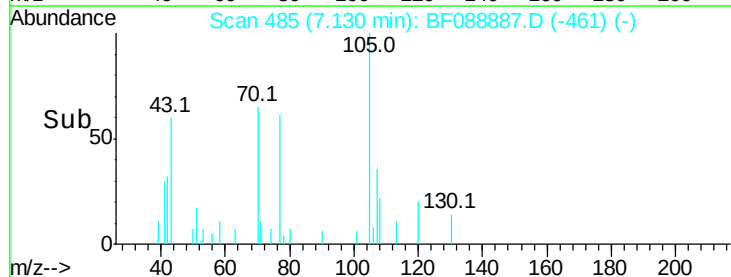
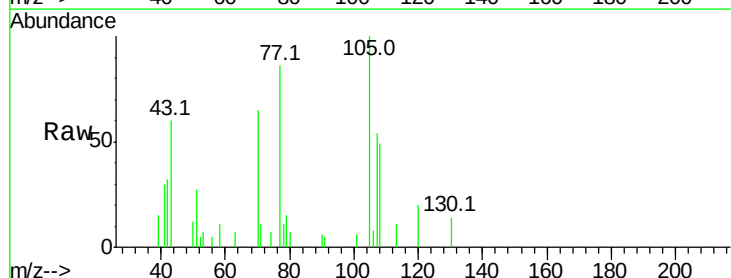
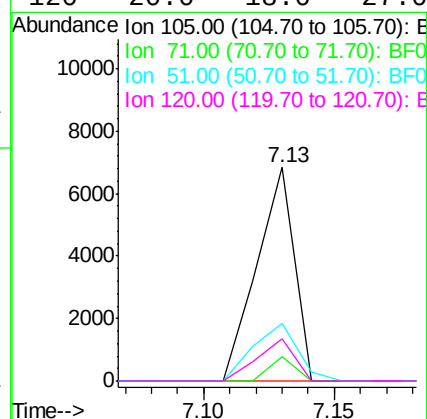
Manual Integrations

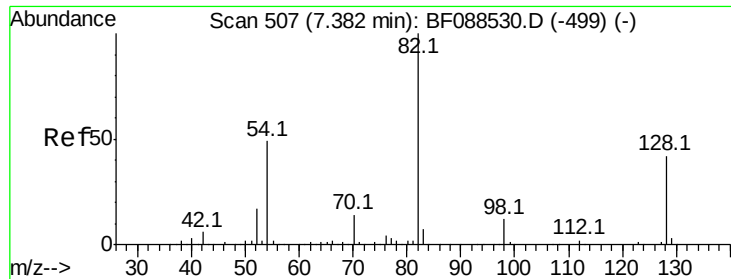
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#22
Acetophenone
Concen: 0.78 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	6885		
71	11.3		5.3	7.9#
51	27.1		18.2	27.4
120	20.0		18.0	27.0





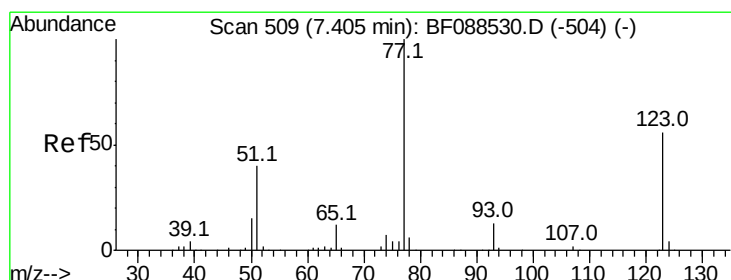
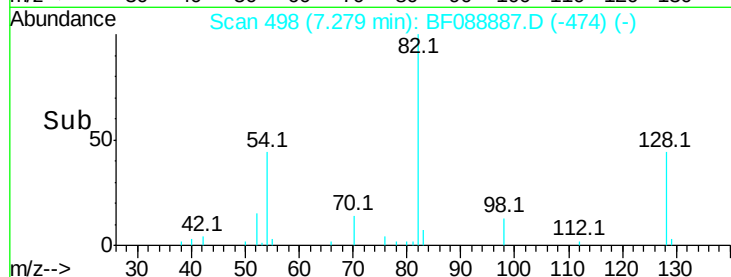
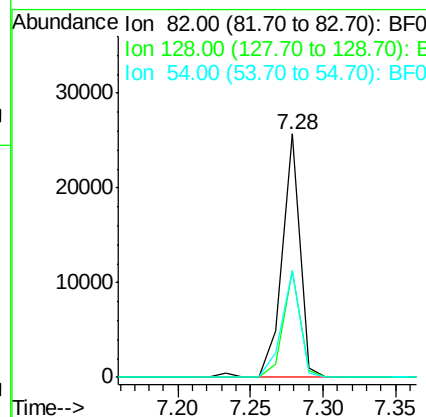
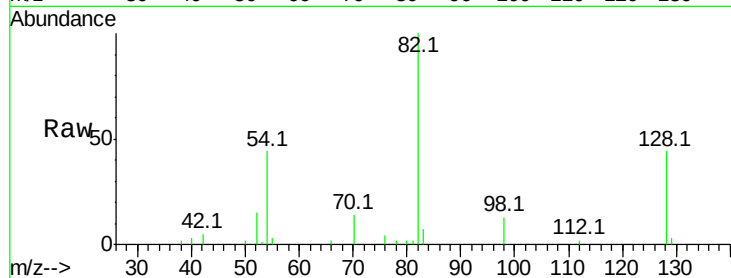
#23
Nitrobenzene-d5
Concen: 3.18 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion: 82 Resp: 22032
Ion Ratio Lower Upper
82 100
128 44.0 35.9 53.9
54 44.0 40.9 61.3

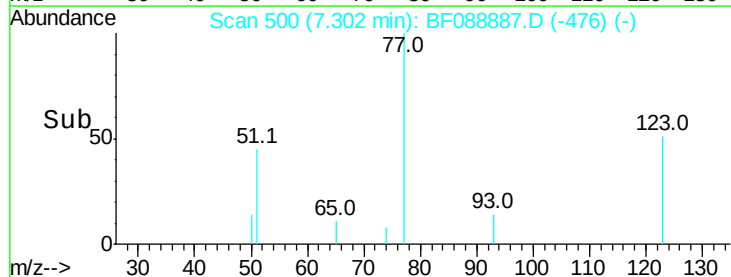
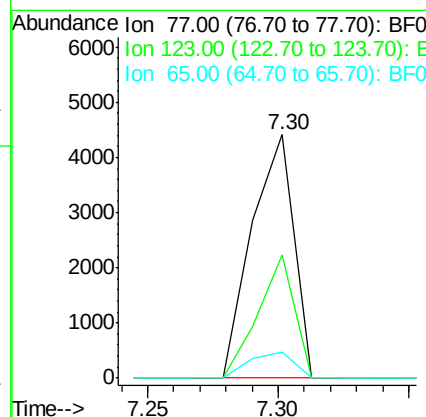
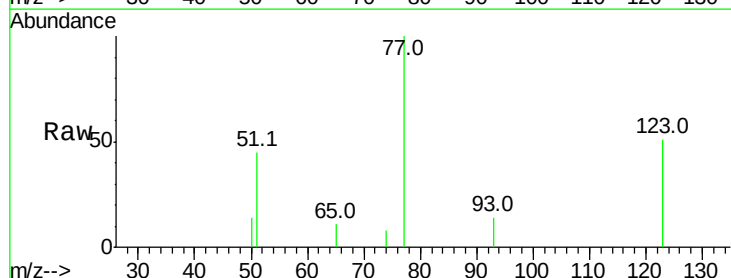
Manual Integrations

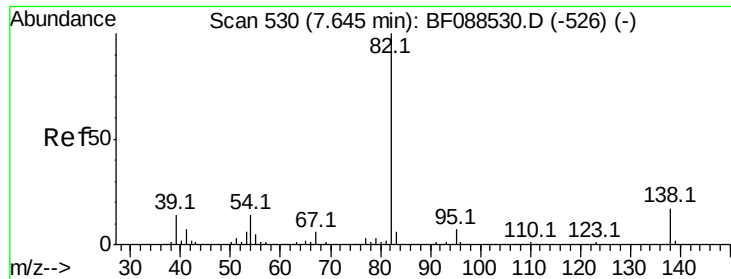
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#24
Nitrobenzene
Concen: 0.71 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 77 Resp: 4992
Ion Ratio Lower Upper
77 100
123 50.8 45.0 67.4
65 10.6 10.2 15.2





#25

Isophorone

Concen: 0.79 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion: 82 Resp: 10076

Ion Ratio Lower Upper

82 100

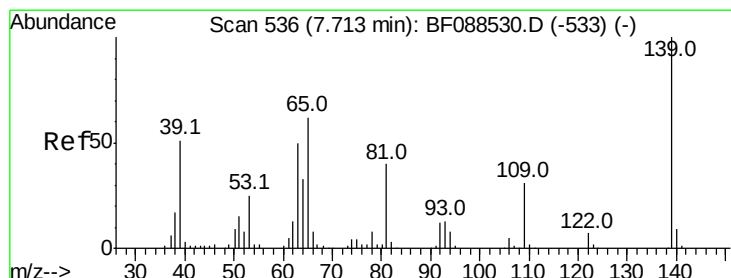
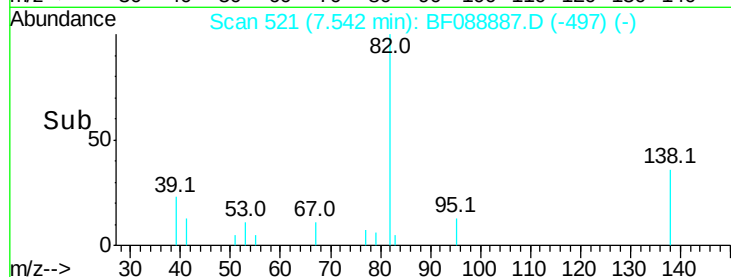
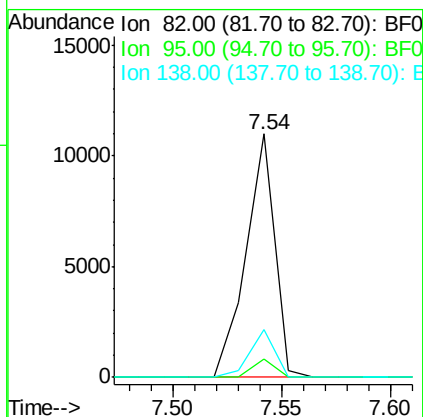
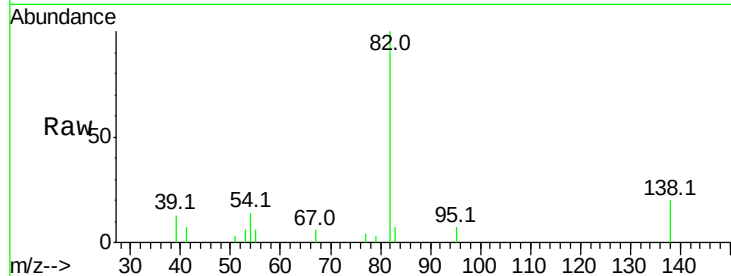
95 7.4 5.4 8.2

138 19.8 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 0.72 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

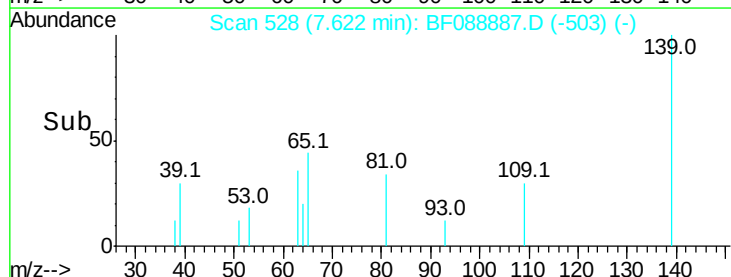
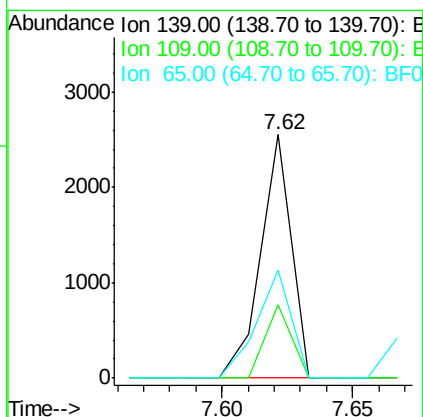
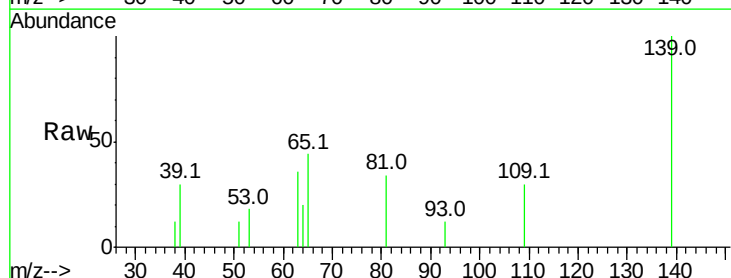
Tgt Ion: 139 Resp: 2070

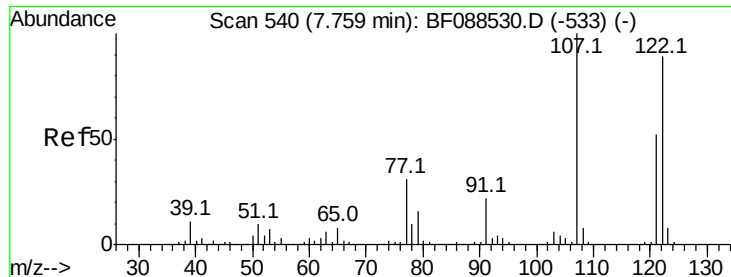
Ion Ratio Lower Upper

139 100

109 30.1 23.0 34.4

65 44.3 45.8 68.8#





#27
 2,4-Dimethylphenol
 Concen: 0.66 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

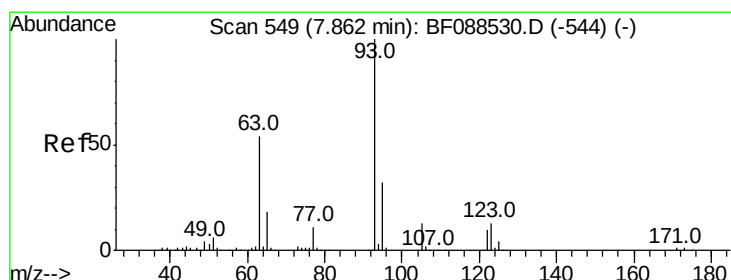
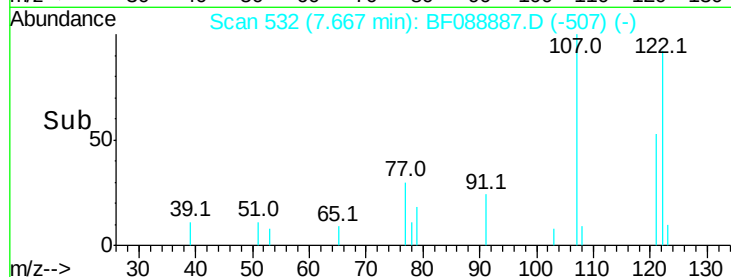
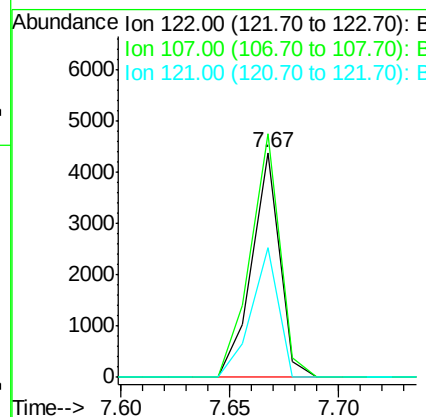
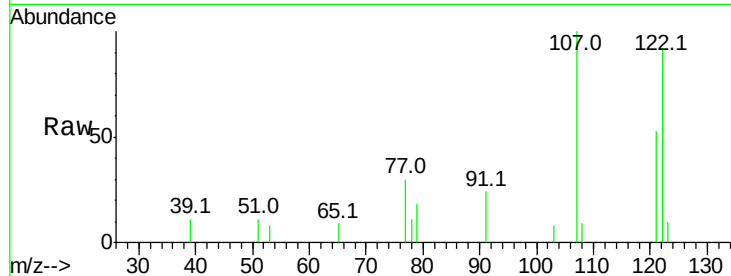
Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion: 122 Resp: 3912

Ion	Ratio	Lower	Upper
122	100		
107	108.4	82.4	123.6
121	57.5	46.3	69.5

Manual Integrations

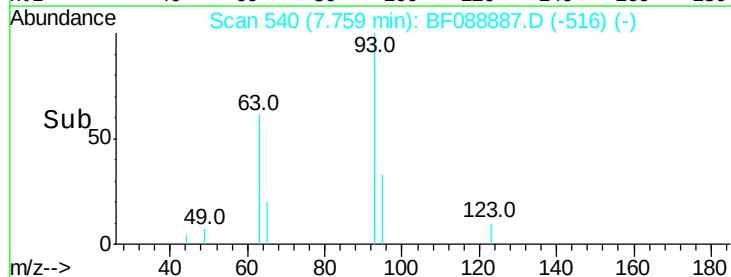
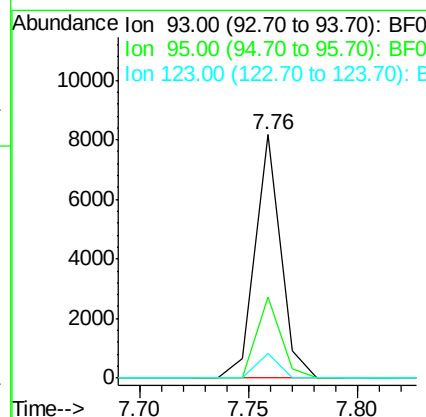
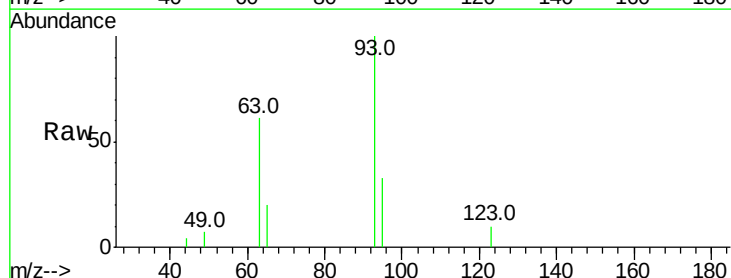
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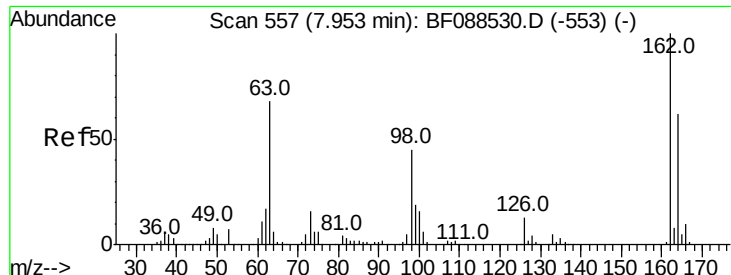


#28
 bis(2-Chloroethoxy)methane
 Concen: 0.80 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion: 93 Resp: 6681

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	10.3	11.6	17.4#





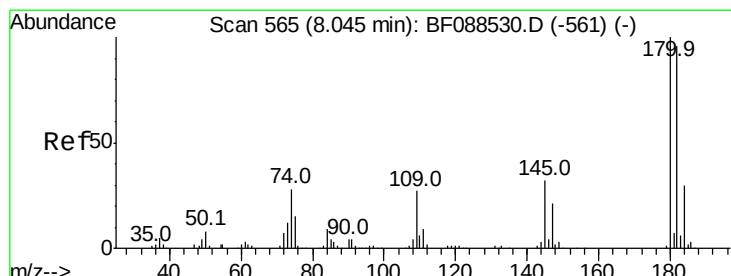
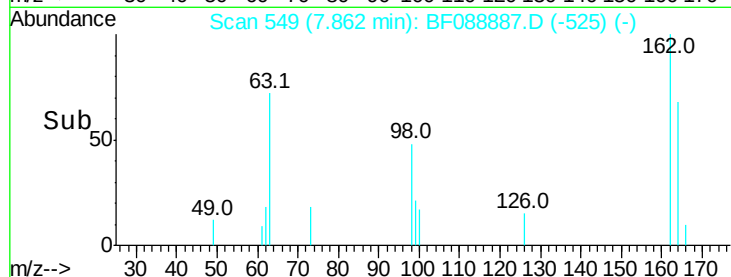
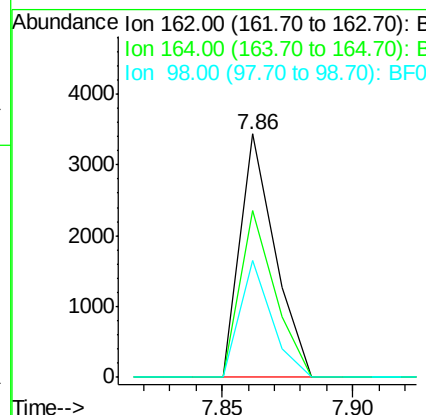
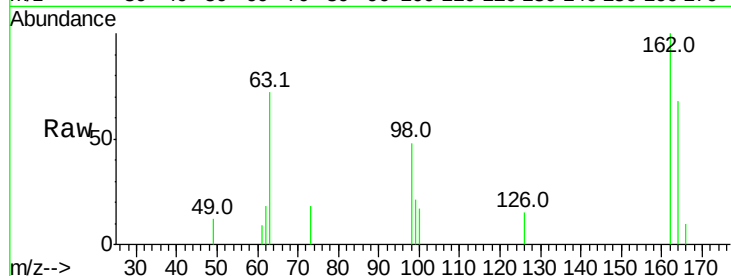
#29
 2,4-Dichlorophenol
 Concen: 0.67 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	43.8	83.8
98	48.0	21.3	61.3

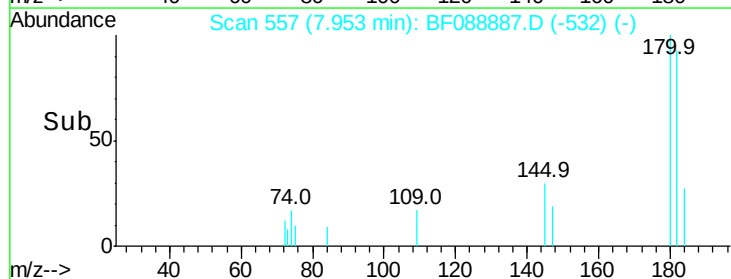
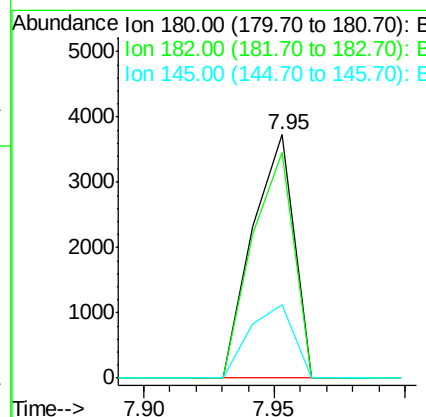
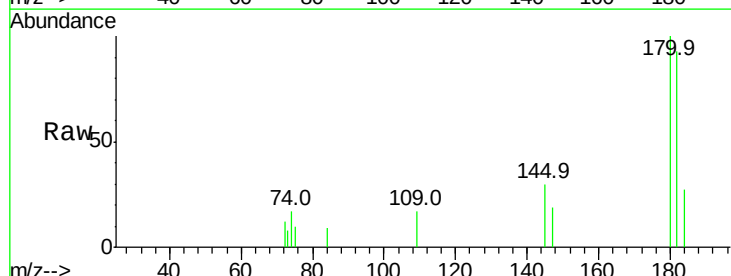
Manual Integrations

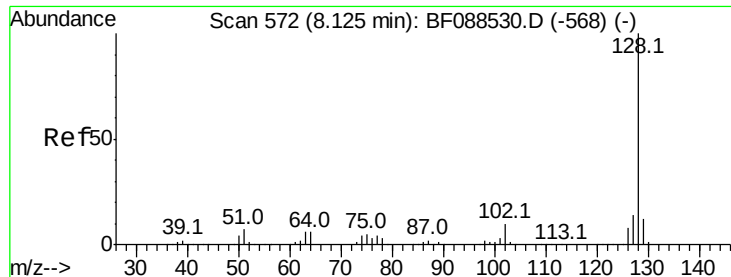
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#30
 1,2,4-Trichlorobenzene
 Concen: 0.79 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.0	114.0
145	30.3	26.5	39.7





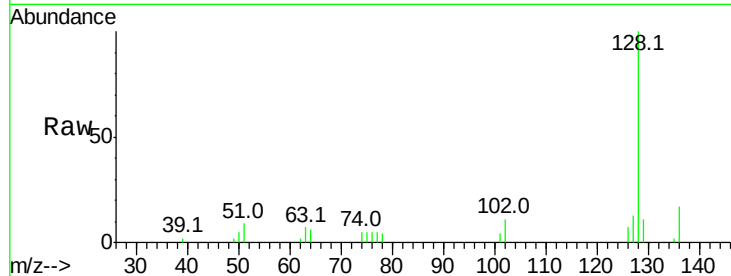
#31
Naphthalene
Concen: 0.84 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

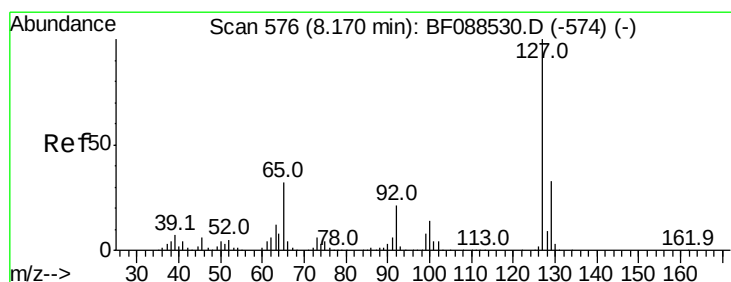
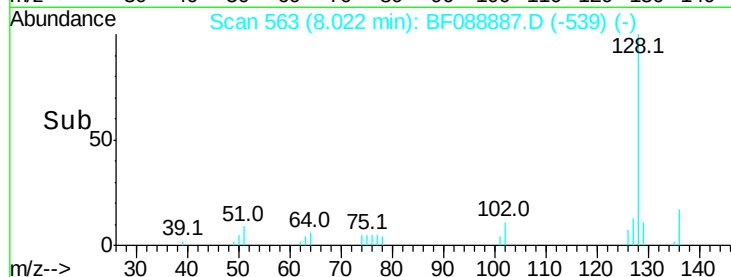
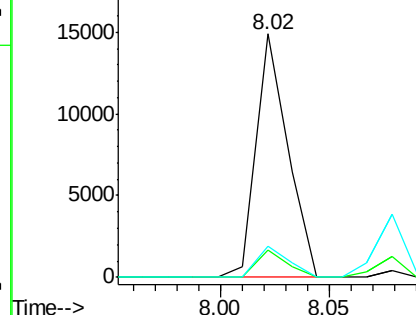
Tot Ion:	128	Resp:	15116
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.4	14.2
127	13.0	10.9	16.3

Manual Integrations

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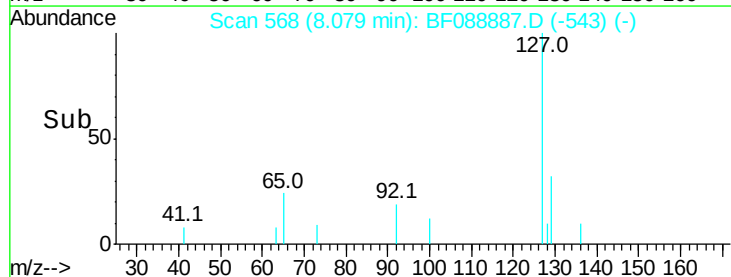
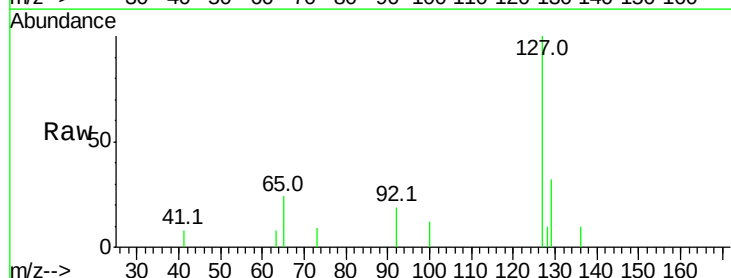
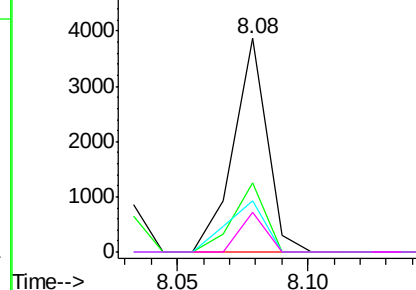
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

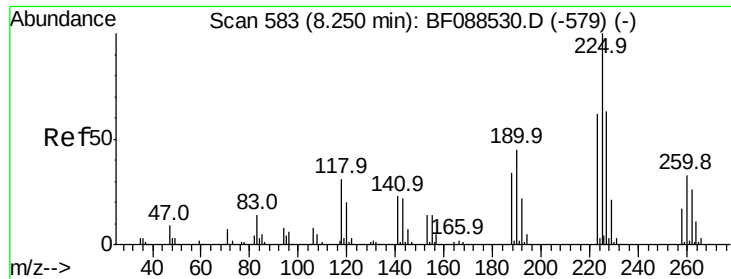


#33
4-Chloroaniline
Concen: 0.44 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:	127	Resp:	3502
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.3	39.5
65	23.9	24.7	37.1#
92	18.8	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: 0.73 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

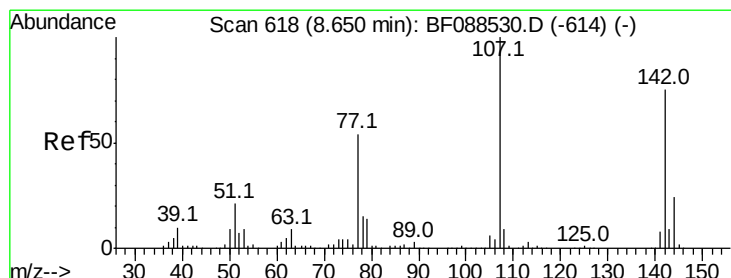
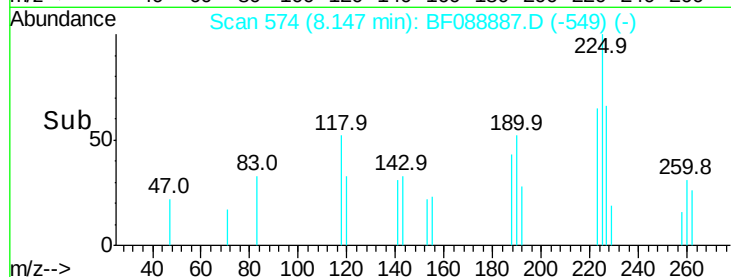
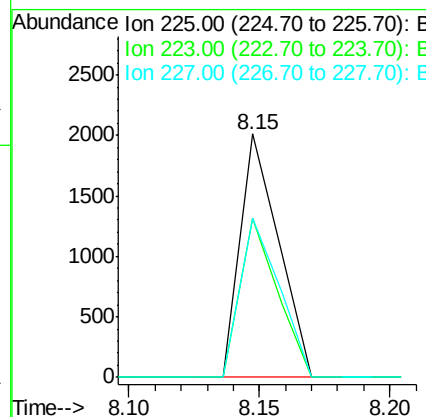
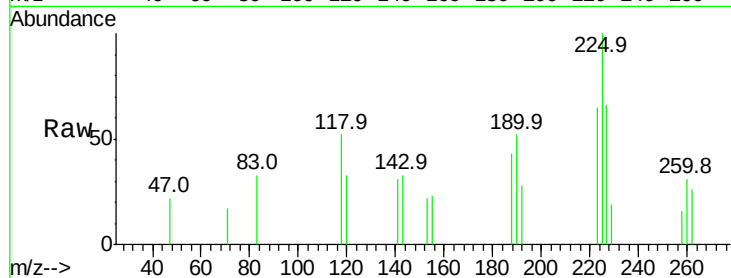
P001-WW001-01MSD

Tot Ion:	225	Resp:	2082
Ion Ratio	Lower	Upper	
225	100		
223	65.4	50.9	76.3
227	65.6	51.9	77.9

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 0.74 ng

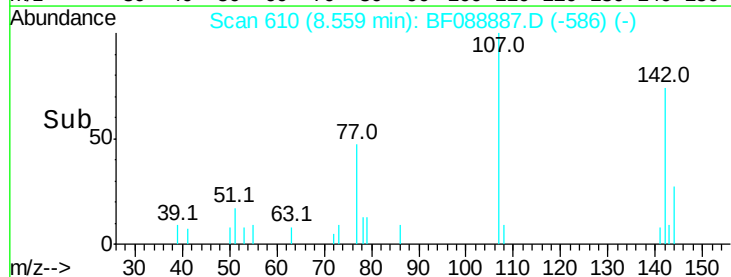
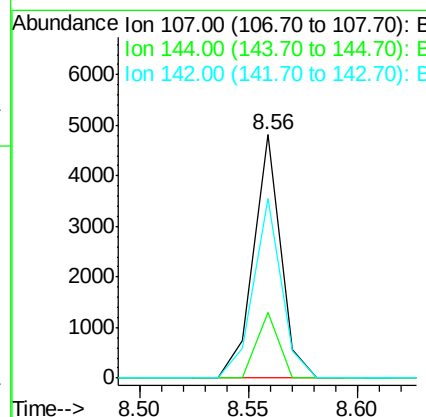
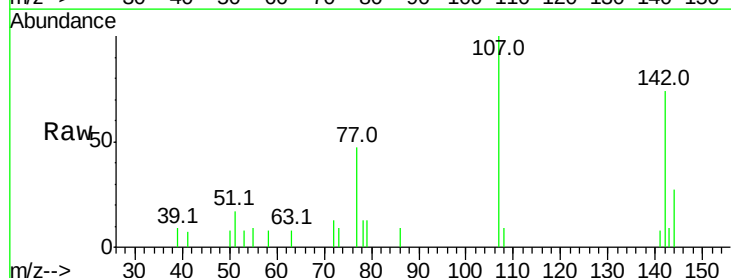
RT: 8.56 min Scan# 610

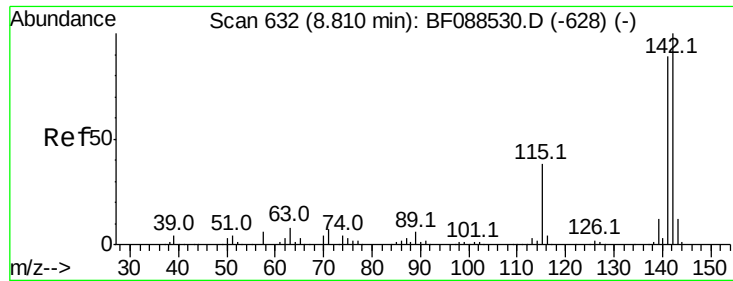
Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Tgt Ion:	107	Resp:	4194
Ion Ratio	Lower	Upper	
107	100		
144	27.2	20.8	31.2
142	73.8	63.4	95.2





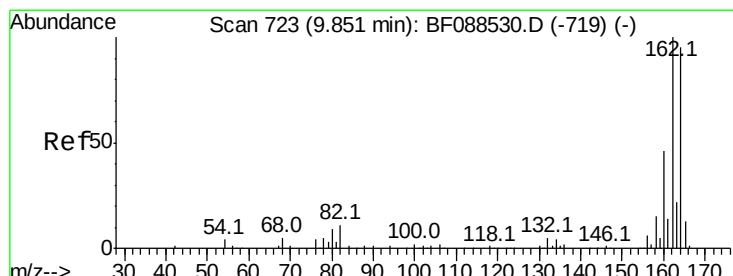
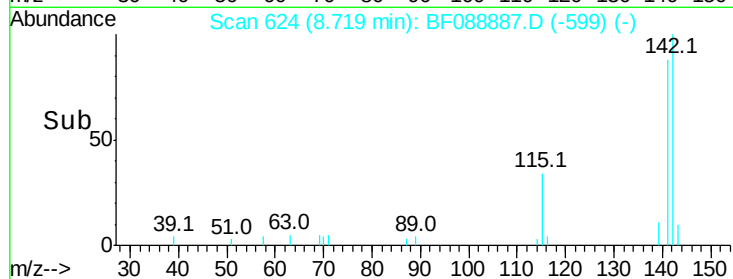
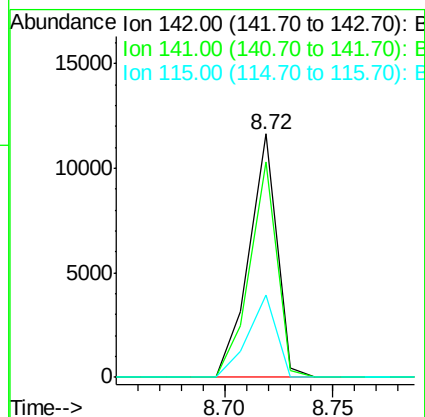
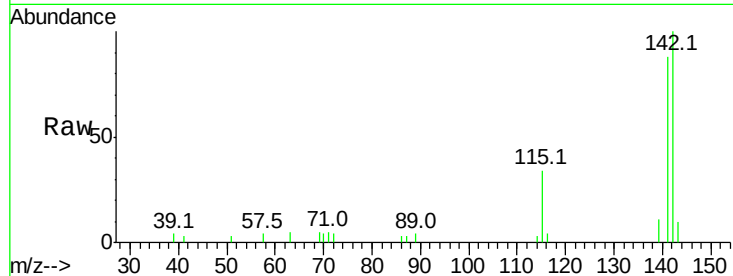
#37
2-Methylnaphthalene
Concen: 0.91 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion:142 Resp: 10469
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 33.6 22.6 33.8

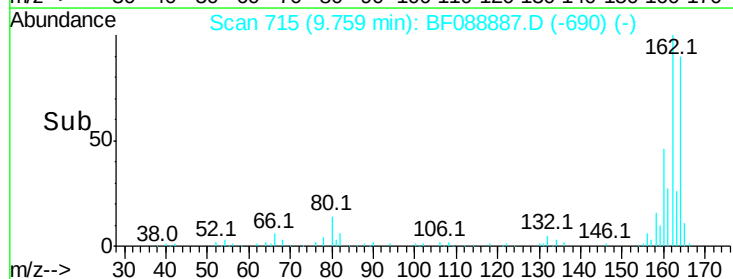
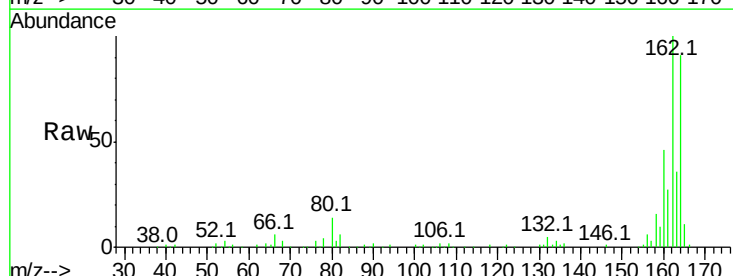
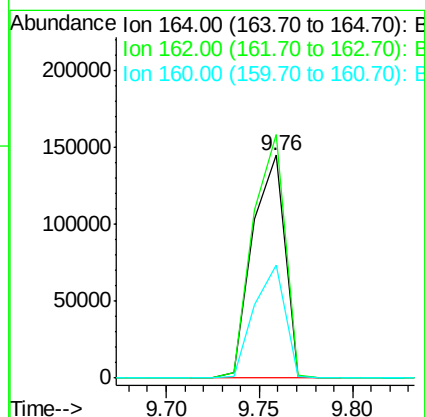
Manual Integrations

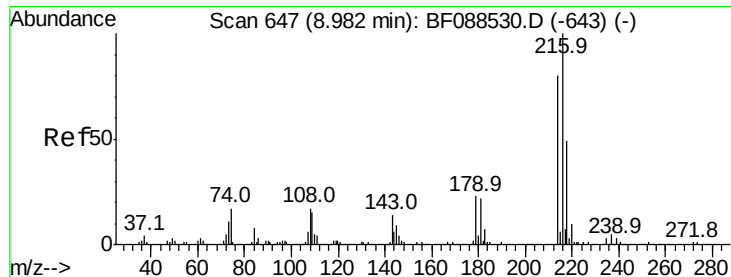
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:164 Resp: 173677
Ion Ratio Lower Upper
164 100
162 109.4 85.4 128.2
160 50.7 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.65 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion:216 Resp: 3774

Ion Ratio Lower Upper

216 100

214 80.4 2.9 4.3#

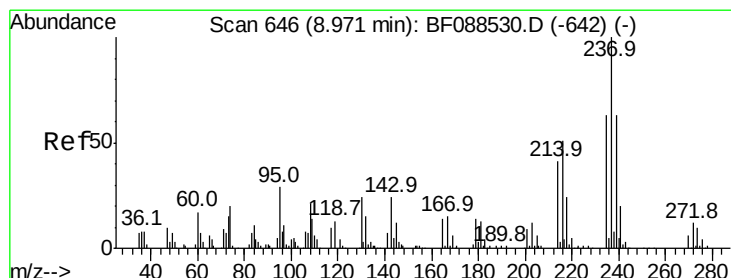
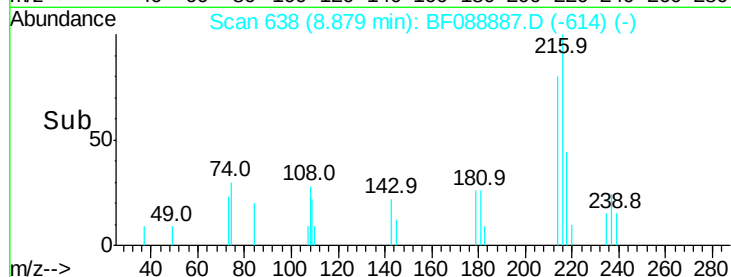
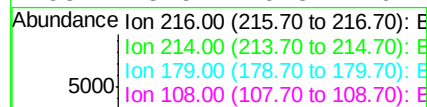
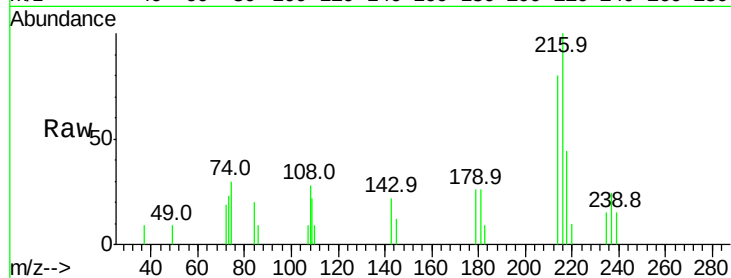
179 24.7 0.0 0.0#

108 18.5 0.5 0.7#

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 0.32 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

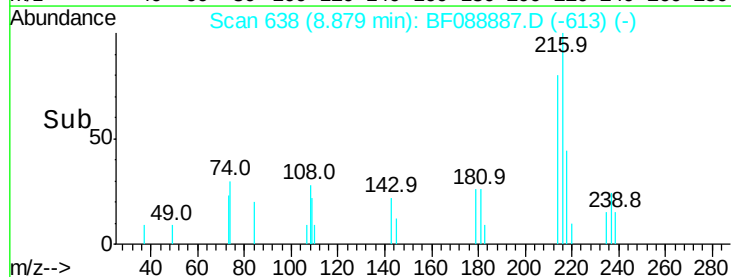
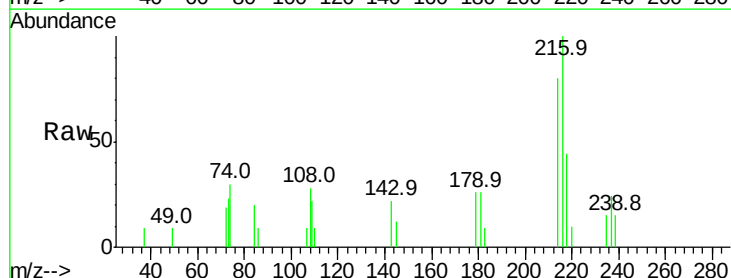
Tgt Ion:237 Resp: 900

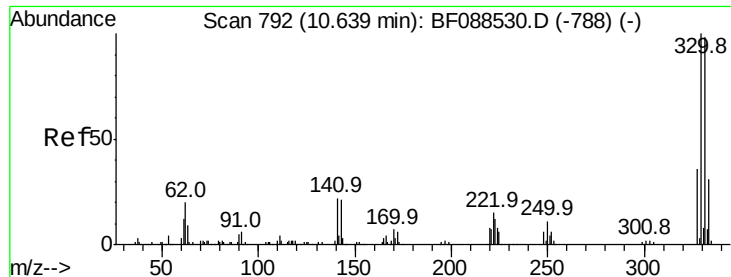
Ion Ratio Lower Upper

237 100

235 62.9 43.4 83.4

272 0.0 0.0 32.3





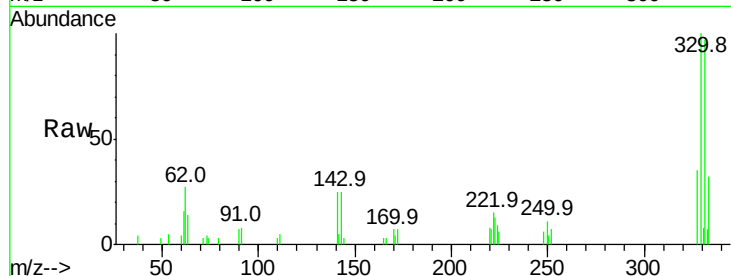
#41
 2,4,6-Tribromophenol
 Concen: 5.33 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

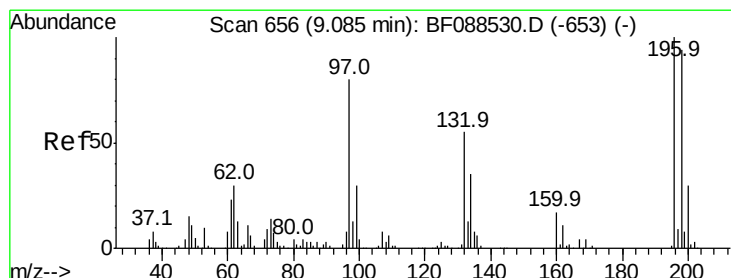
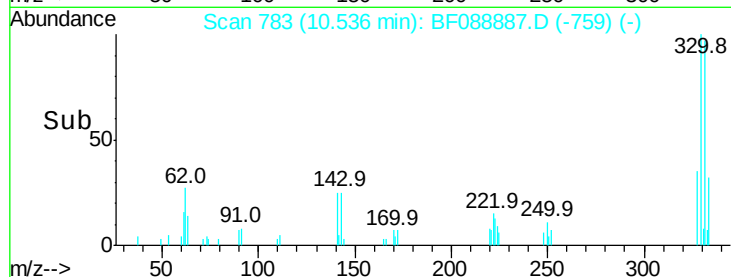
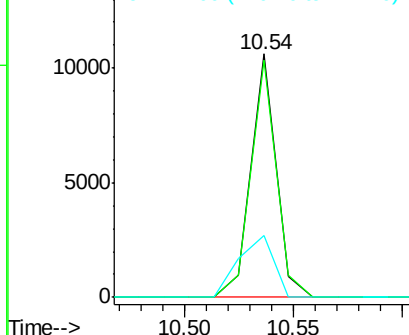
Tot Ion	Ratio	Resp	Lower	Upper
330	100	8601		
332	97.5	0.0	0.0	0.0
141	34.8	0.0	0.0	0.0

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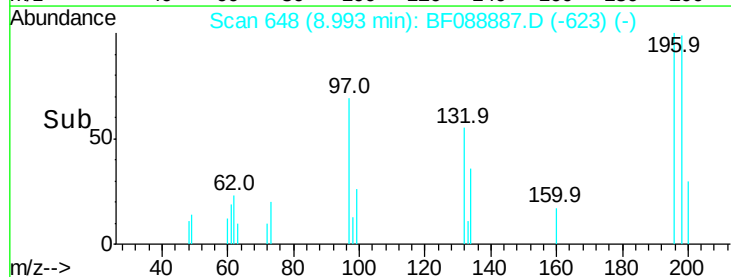
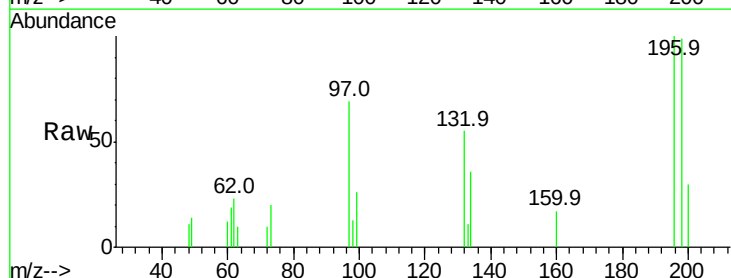
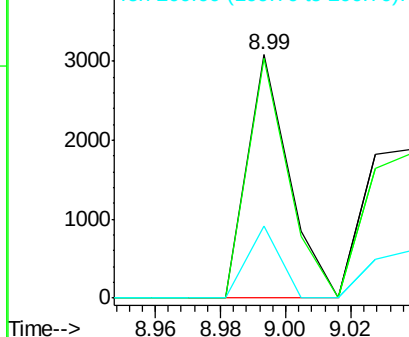
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

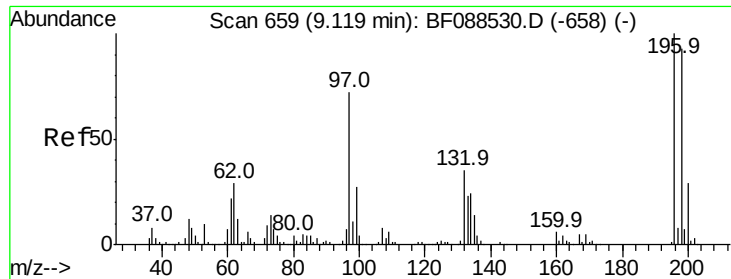


#42
 2,4,6-Trichlorophenol
 Concen: 0.71 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	2698		
198	98.5	78.0	117.0	
200	29.7	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





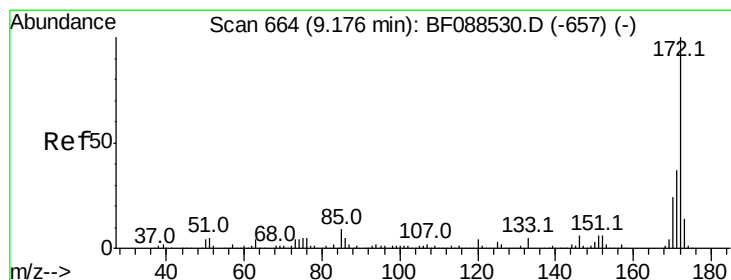
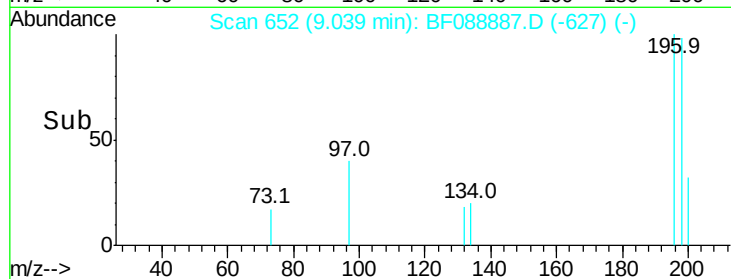
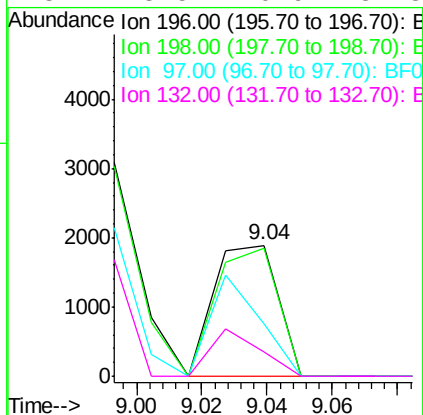
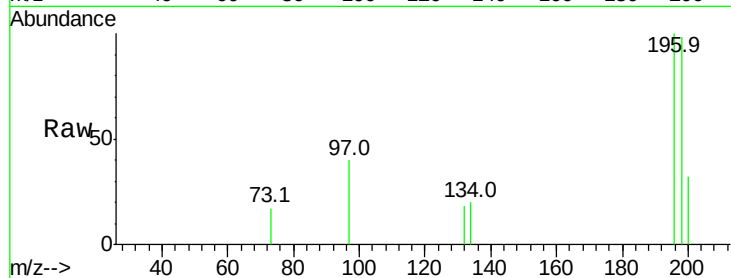
#43
 2,4,5-Trichlorophenol
 Concen: 0.78 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.5	116.3
97	40.3	32.0	48.0
132	18.5	20.9	31.3#

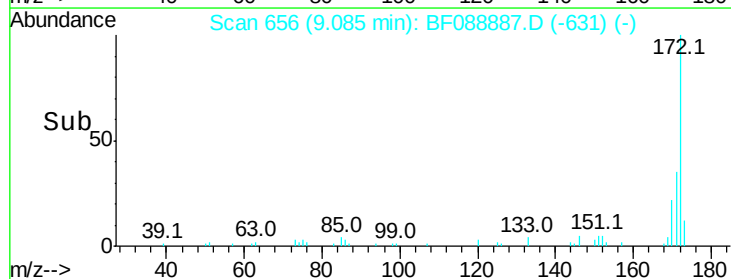
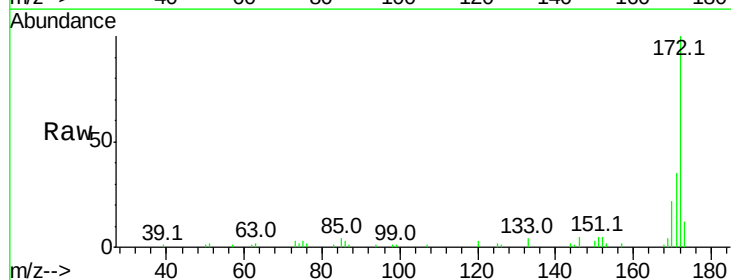
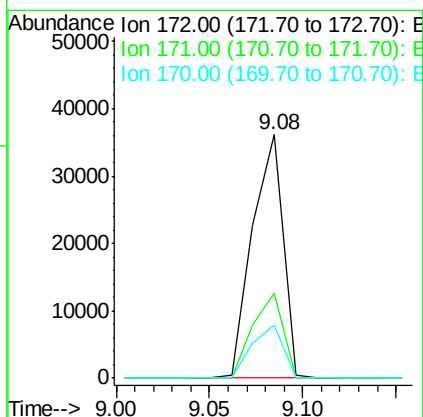
Manual Integrations

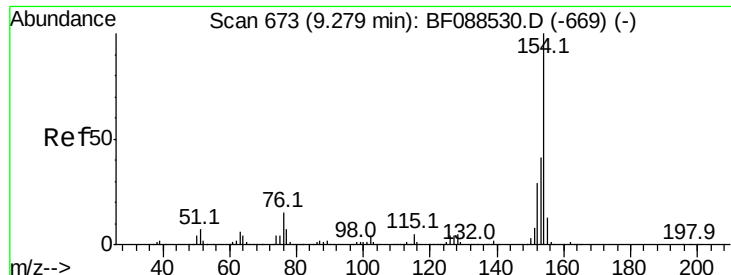
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#44
 2-Fluorobiphenyl
 Concen: 3.73 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	21.8	19.2	28.8





#45

1,1'-Biphenyl

Concen: 0.82 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion:154 Resp: 11824

Ion Ratio Lower Upper

154 100

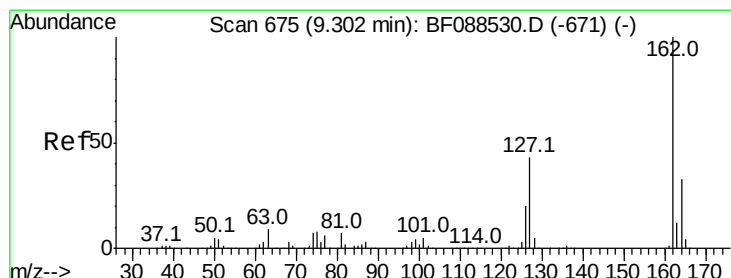
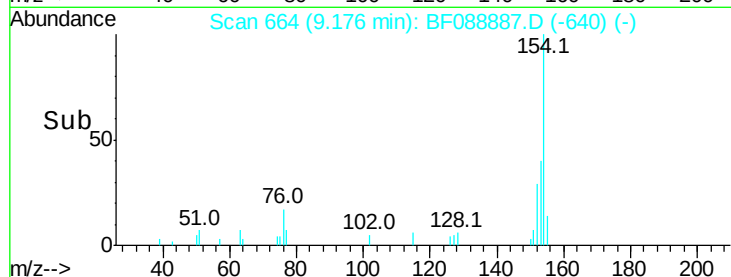
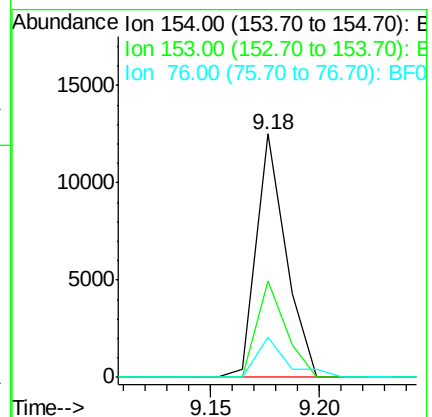
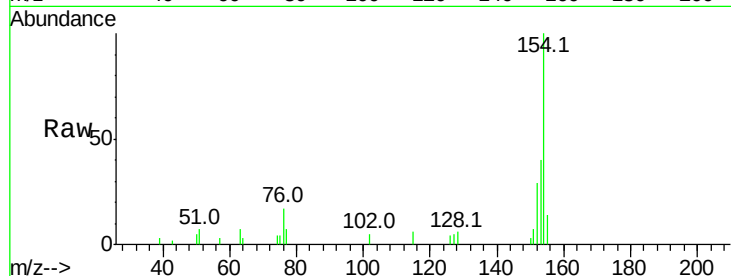
153 39.6 20.6 60.6

76 16.7 0.0 35.1

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 0.87 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

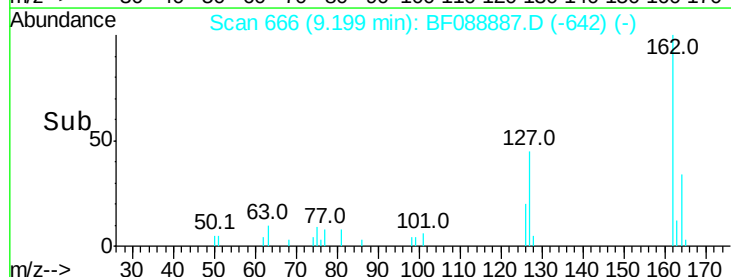
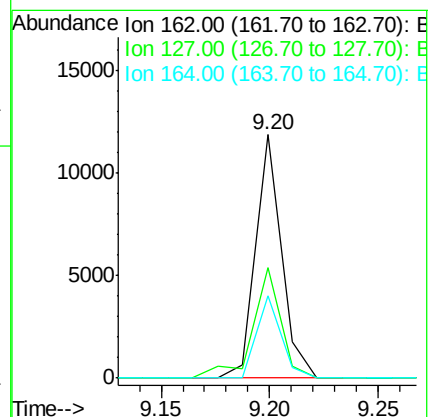
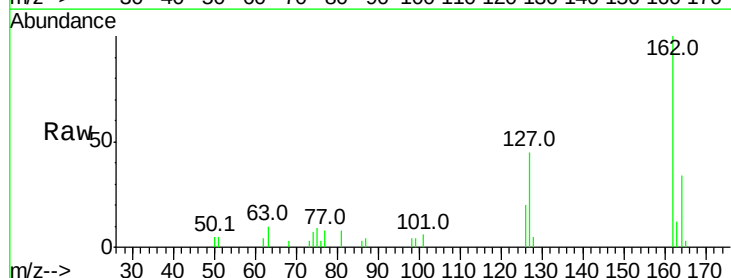
Tgt Ion:162 Resp: 9788

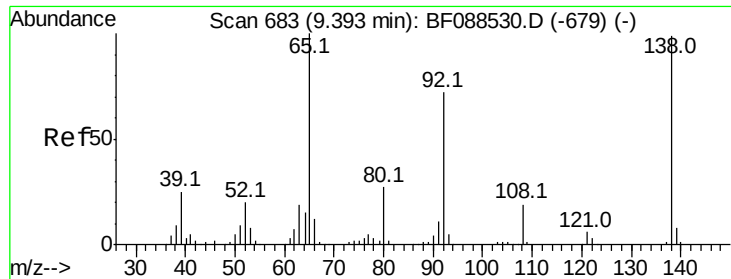
Ion Ratio Lower Upper

162 100

127 45.3 35.2 52.8

164 34.0 26.6 39.8





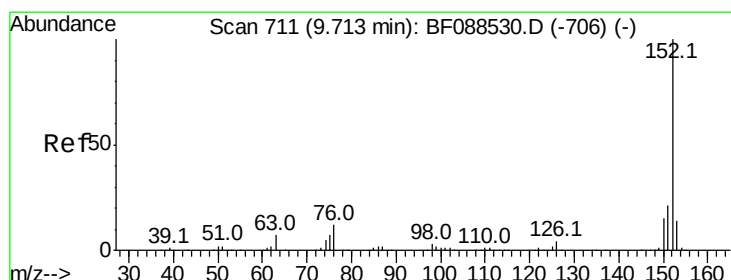
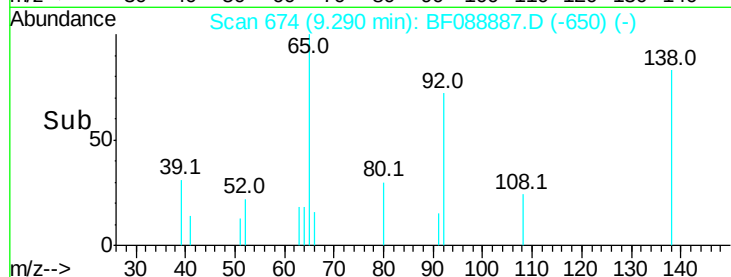
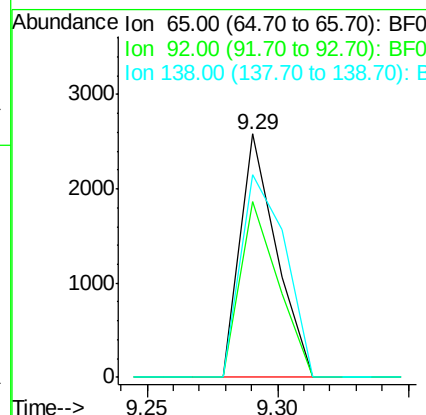
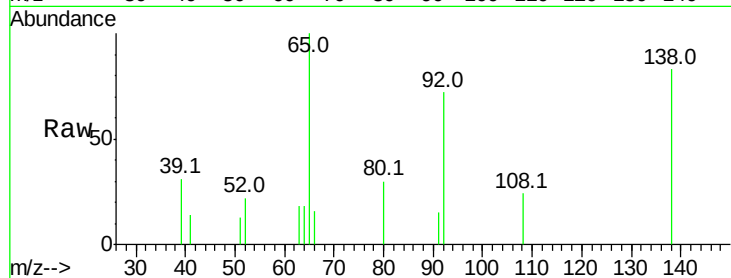
#47
2-Nitroaniline
Concen: 0.62 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion: 65 Resp: 2498
Ion Ratio Lower Upper
65 100
92 72.0 54.6 82.0
138 83.2 77.0 115.4

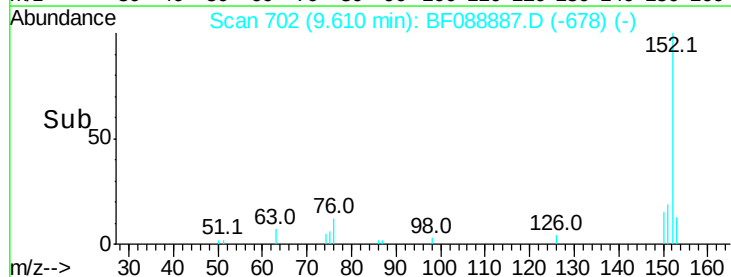
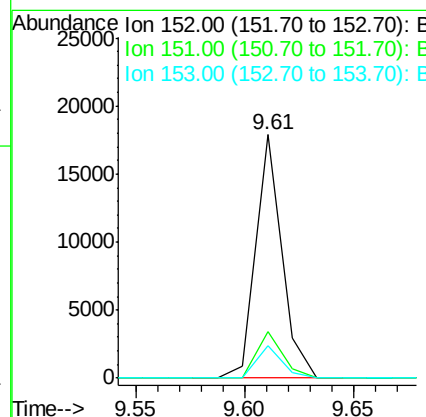
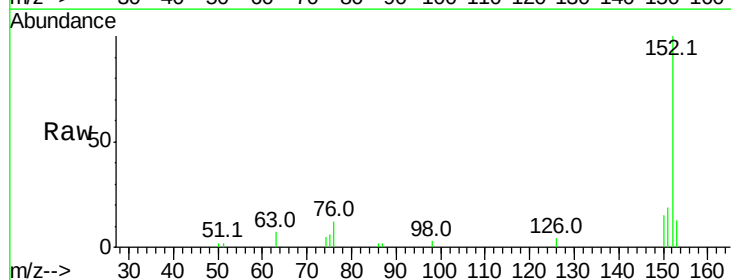
Manual Integrations

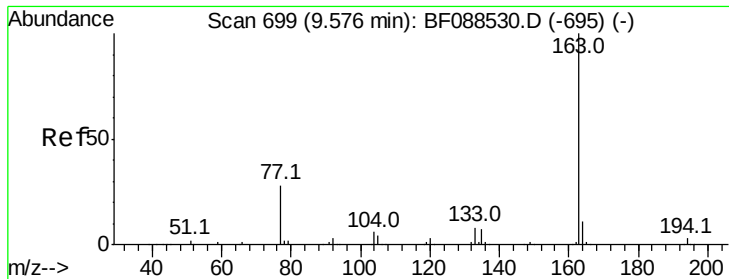
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#48
Acenaphthylene
Concen: 0.83 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 152 Resp: 14891
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4
153 13.3 11.0 16.6





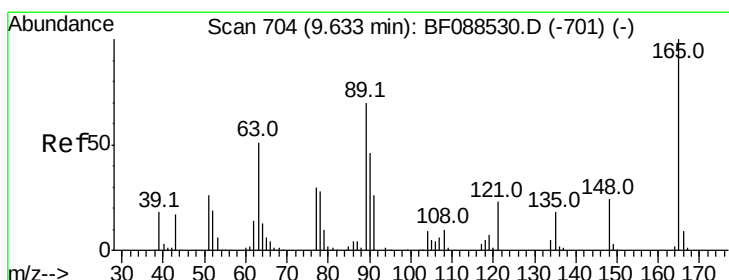
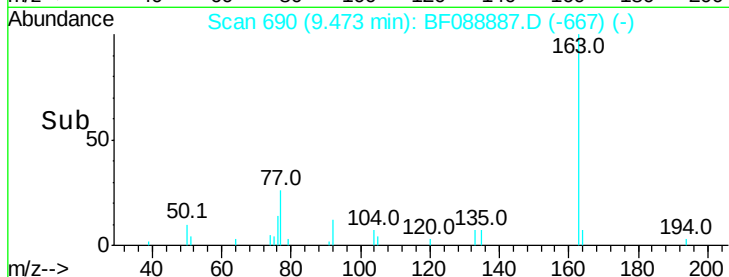
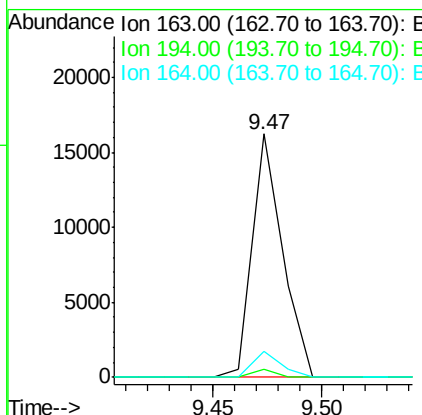
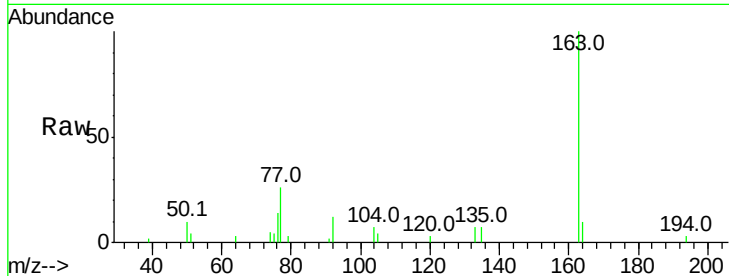
#49
Dimethylphthalate
Concen: 1.27 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.5	8.3	12.5

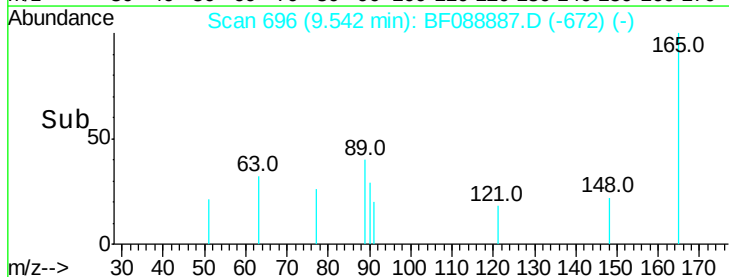
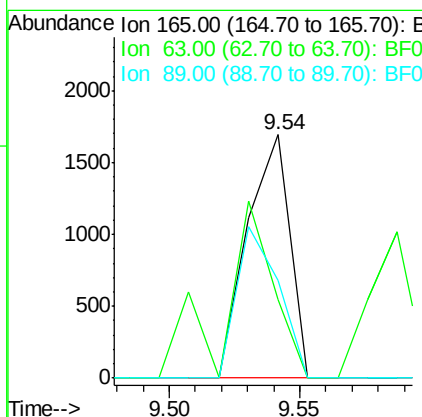
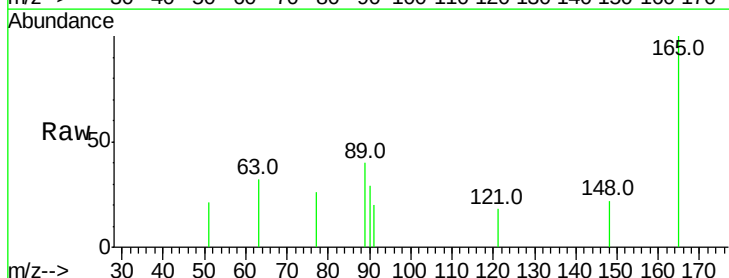
Manual Integrations

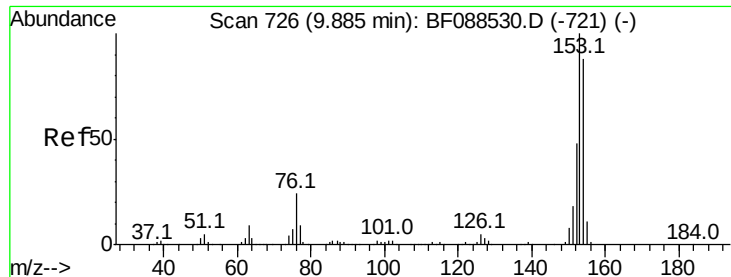
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#50
2,6-Dinitrotoluene
Concen: 0.70 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.2	28.1	42.1
89	40.0	32.2	48.2





#51

Acenaphthene

Concen: 0.92 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion:154 Resp: 10106

Ion Ratio Lower Upper

154 100

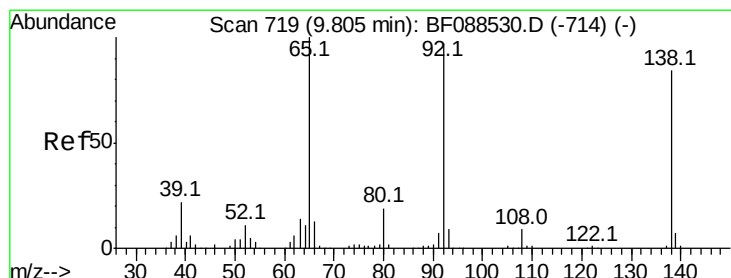
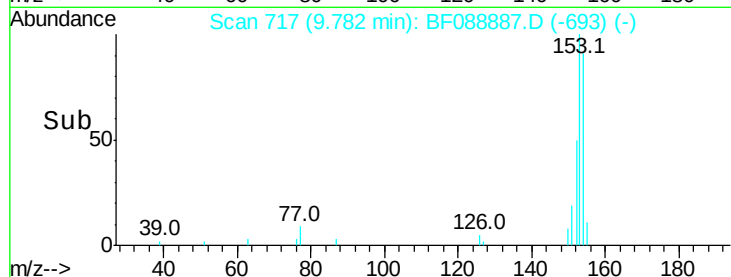
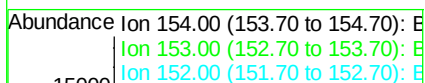
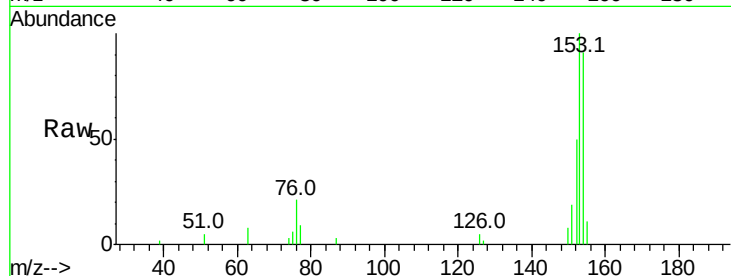
153 109.8 89.5 134.3

152 54.7 42.7 64.1

Manual Integrations

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#52

3-Nitroaniline

Concen: 0.55 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

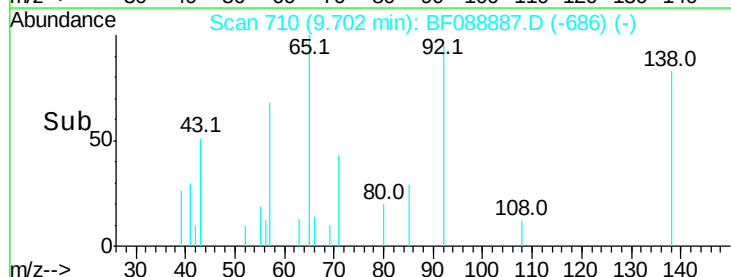
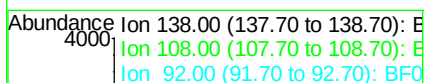
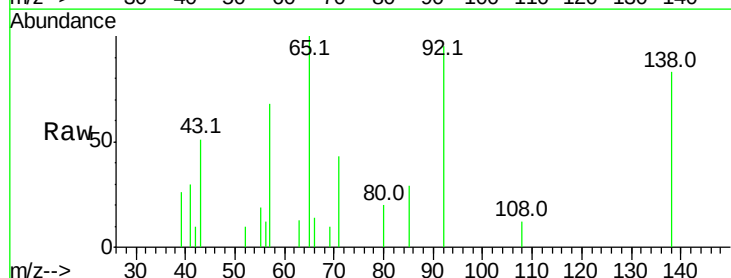
Tgt Ion:138 Resp: 1933

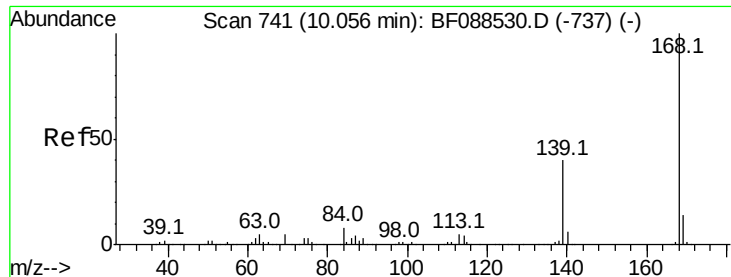
Ion Ratio Lower Upper

138 100

108 14.2 8.5 12.7#

92 114.2 95.7 143.5





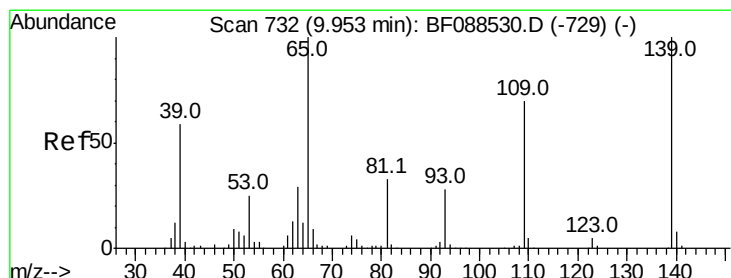
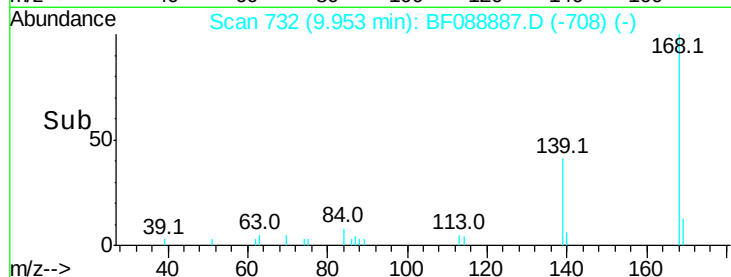
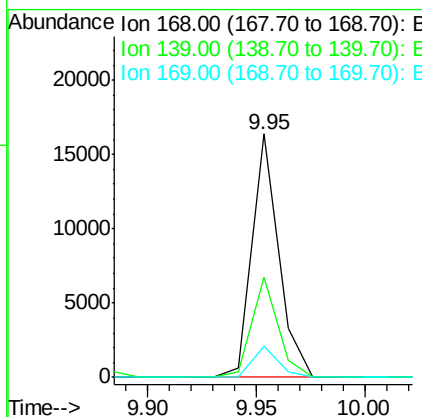
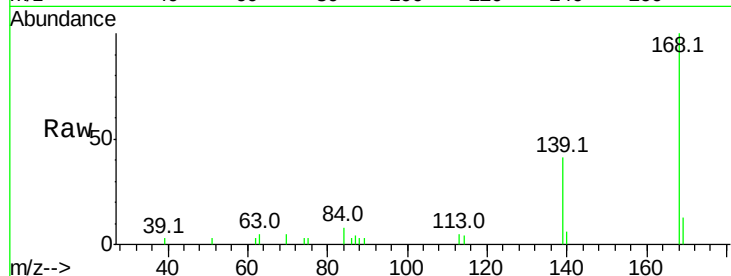
#54
Dibenzofuran
Concen: 0.97 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion:168 Resp: 13973
Ion Ratio Lower Upper
168 100
139 41.0 26.4 39.6#
169 13.0 10.4 15.6

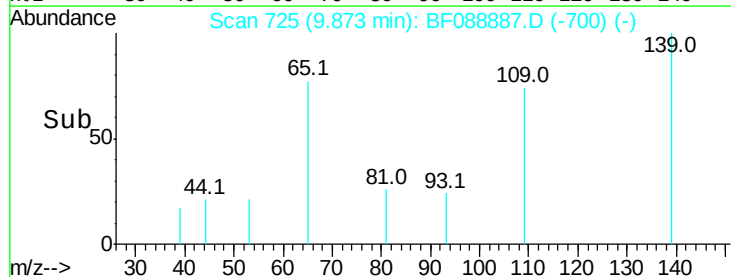
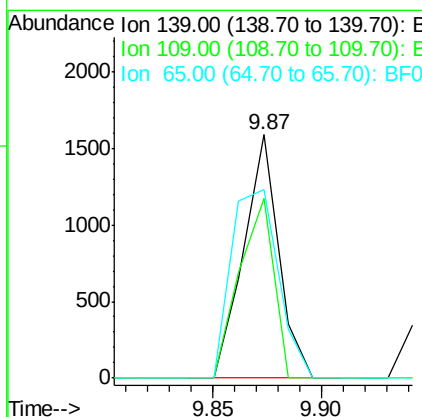
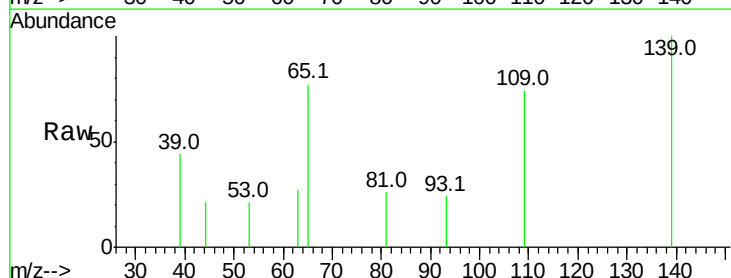
Manual Integrations

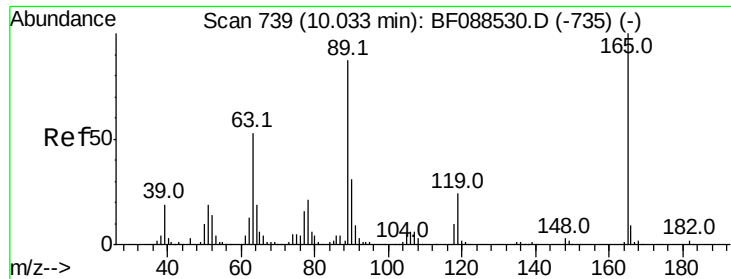
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#55
4-Nitrophenol
Concen: 0.67 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:139 Resp: 1777
Ion Ratio Lower Upper
139 100
109 73.6 48.9 88.9
65 77.5 84.9 124.9#





#56

2,4-Dinitrotoluene

Concen: 0.68 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088887.D

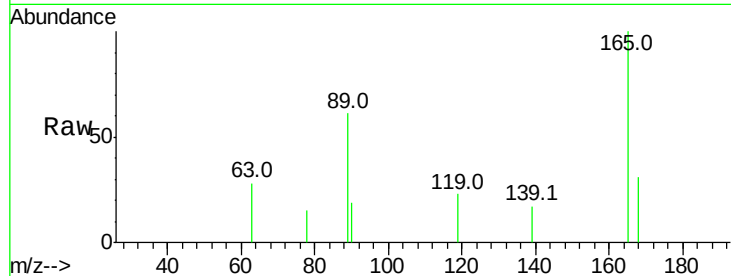
Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD



Tot Ion:165 Resp: 2446

Ion Ratio Lower Upper

165 100

63 27.9 22.0 33.0

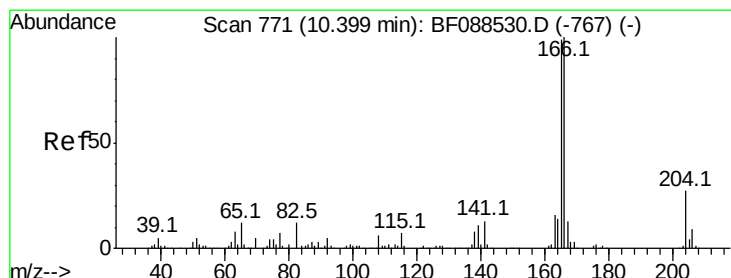
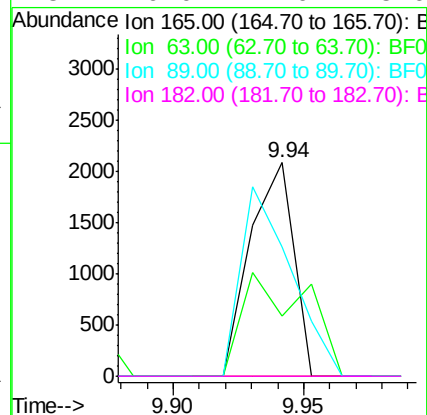
89 60.5 41.1 61.7

182 0.0 2.0 3.0#

Manual Integrations

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#57

Fluorene

Concen: 1.04 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

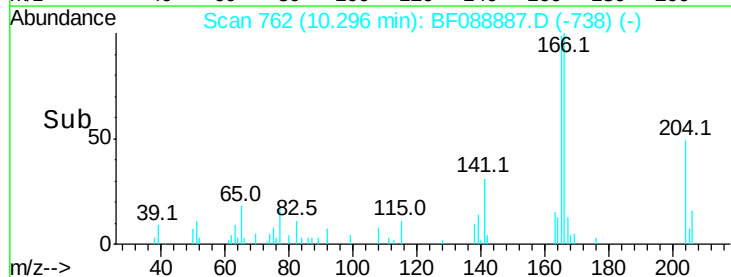
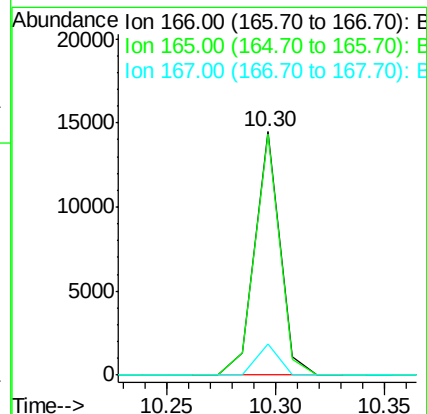
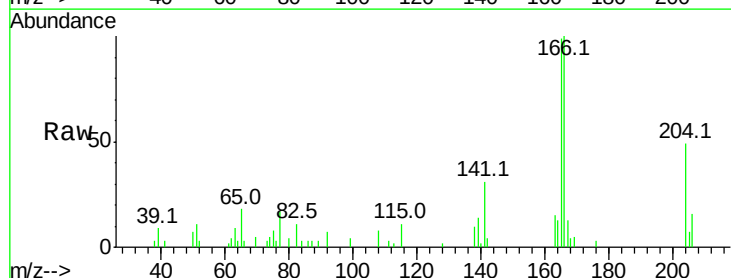
Tgt Ion:166 Resp: 11570

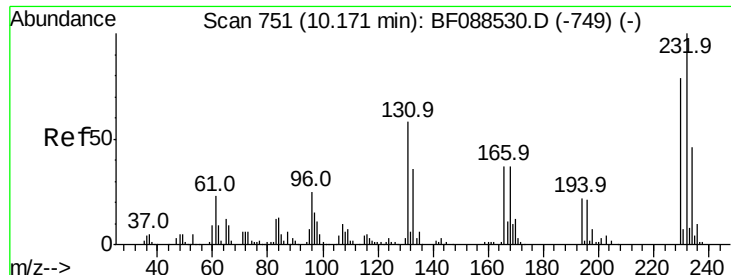
Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

167 12.8 11.2 16.8





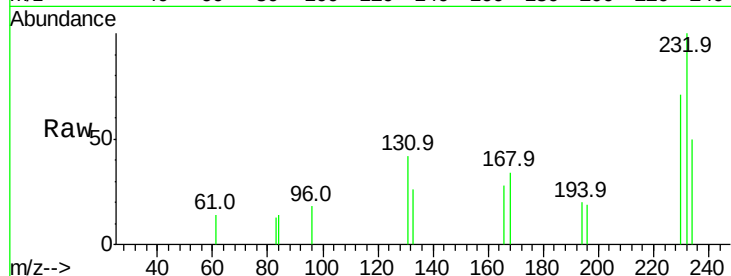
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.77 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.5	0.9	1.3#
130	0.0	1.5	2.3#
166	23.2	0.5	0.7#

Manual Integrations

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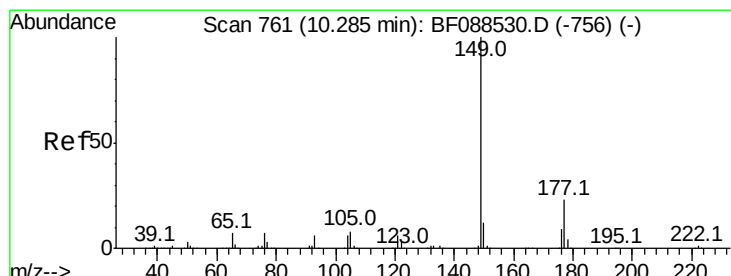
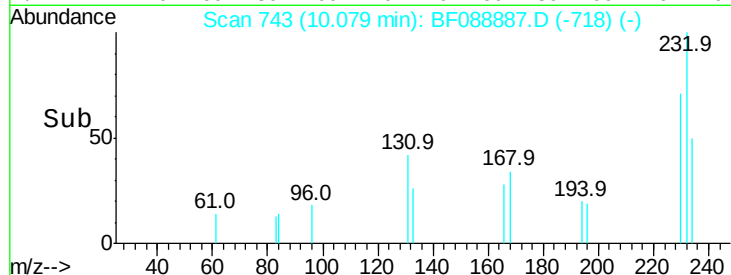
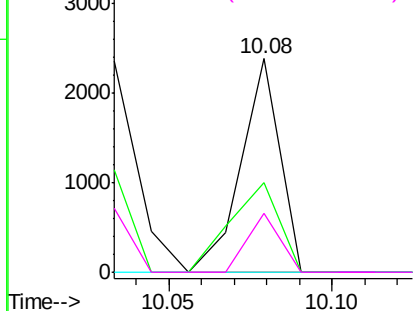


Abundance Ion 232.00 (231.70 to 232.70): E

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



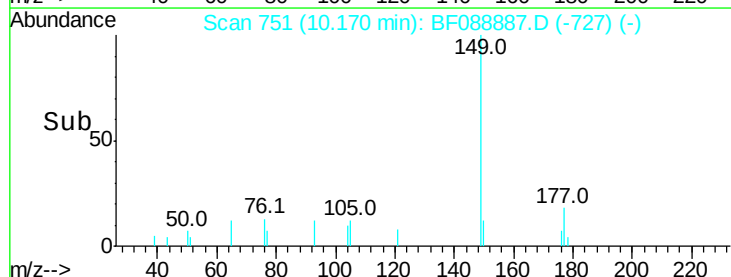
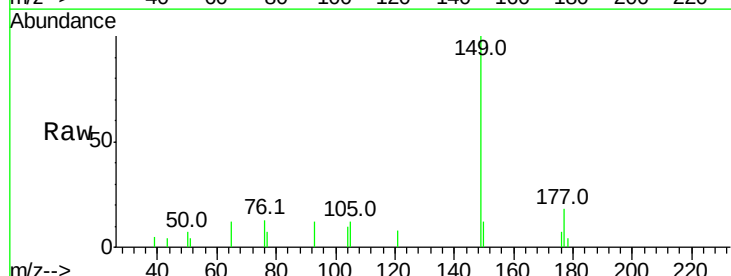
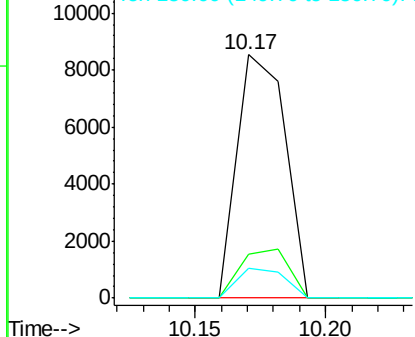
#59
Diethylphthalate
Concen: 0.89 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

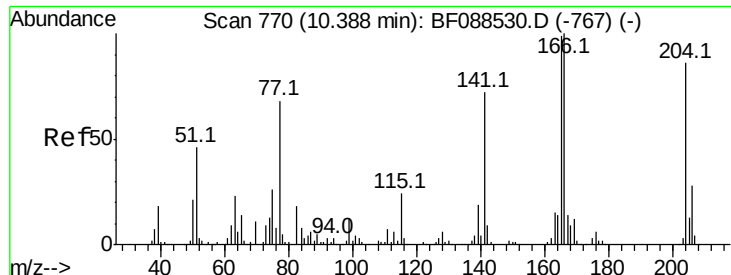
Tgt Ion	Ratio	Lower	Upper
149	100		
177	17.9	16.9	25.3
150	12.1	10.1	15.1

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





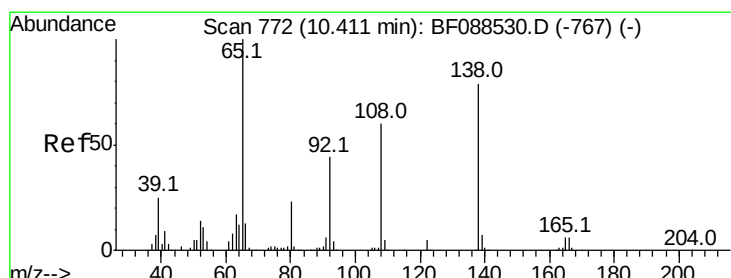
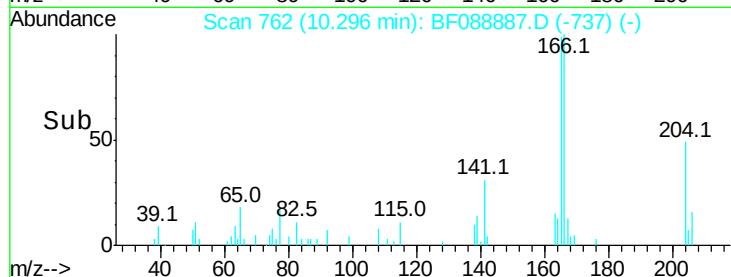
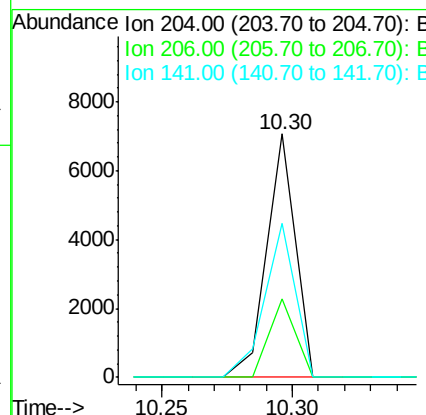
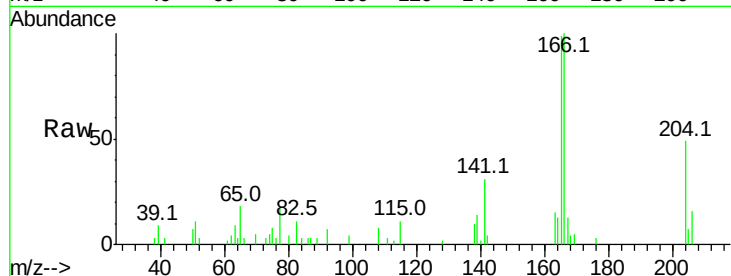
#60
 4-Chlorophenyl-phenylether
 Concen: 1.03 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	63.5	55.0	82.6

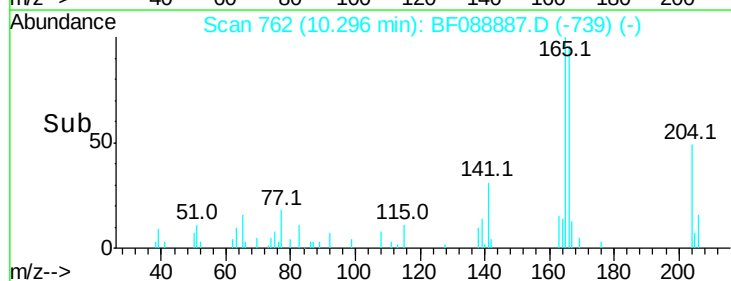
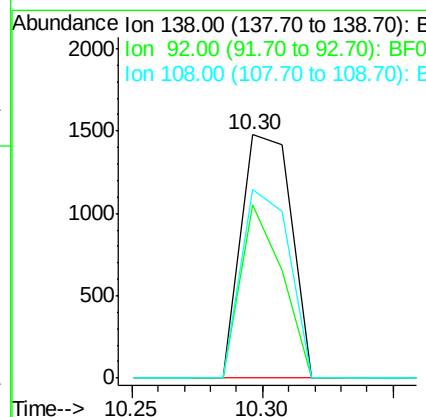
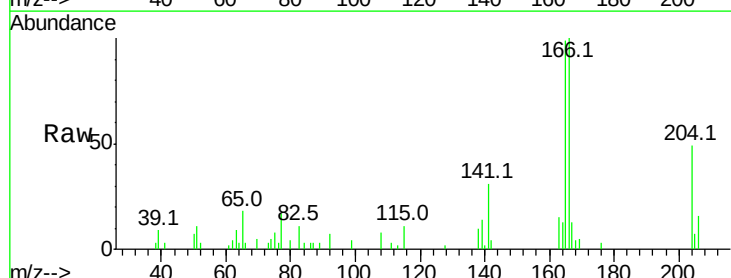
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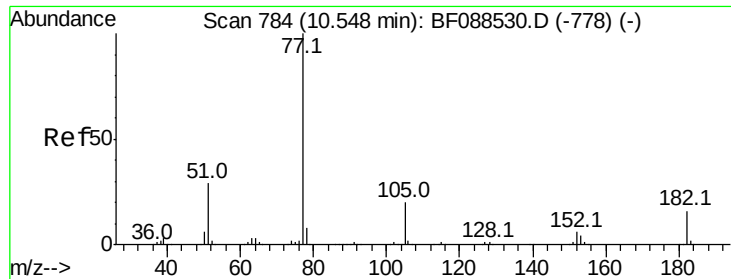
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#61
 4-Nitroaniline
 Concen: 0.59 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.03 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	71.2	27.3	67.3#
108	77.5	46.7	86.7





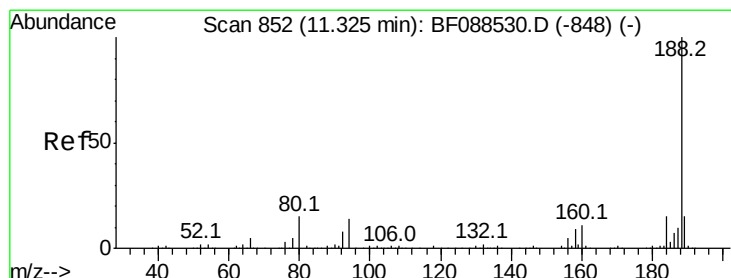
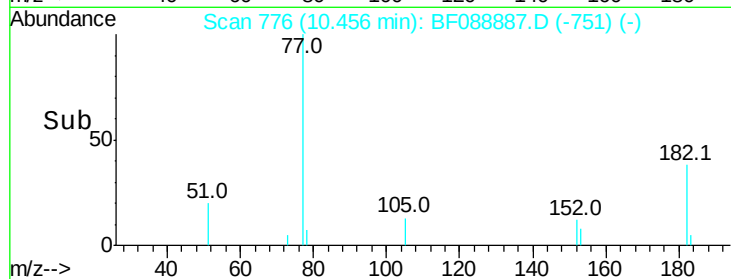
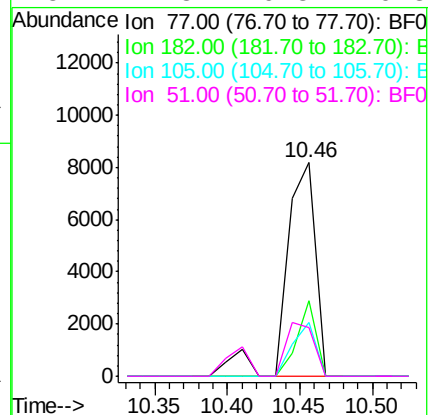
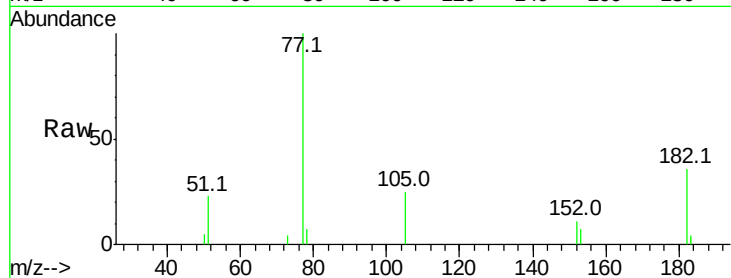
#62
Azobenzene
Concen: 0.80 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.6	4.4	44.4	
105	25.2	3.8	43.8	
51	22.8	9.3	49.3	

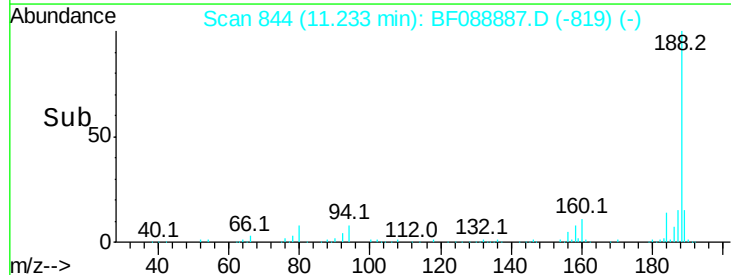
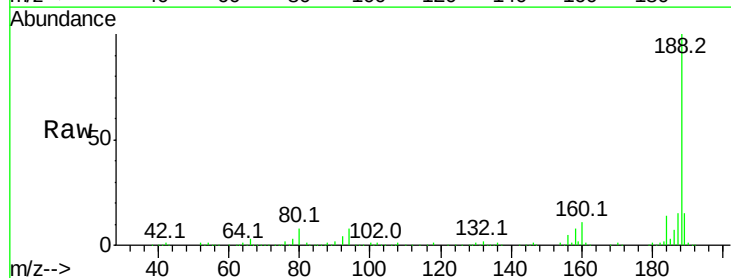
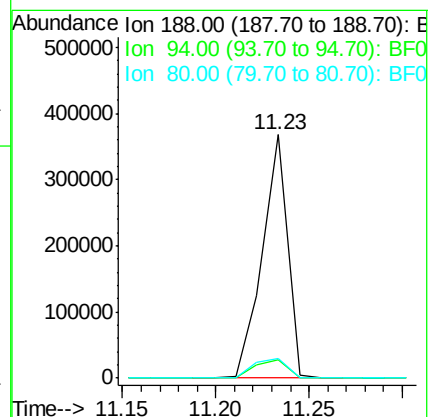
Manual Integrations

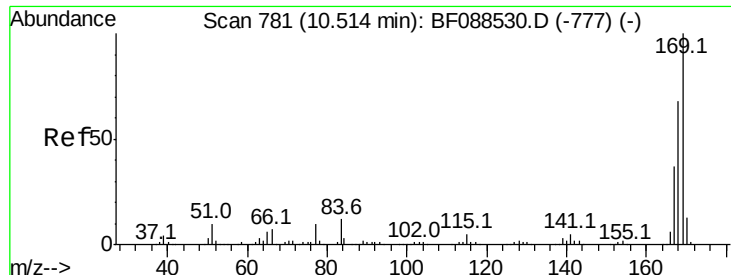
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	9.0	13.6#	
80	8.2	10.0	15.0#	





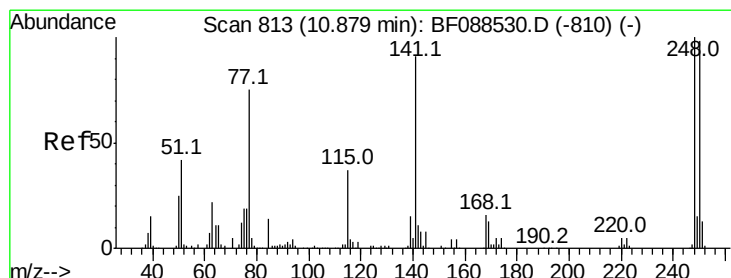
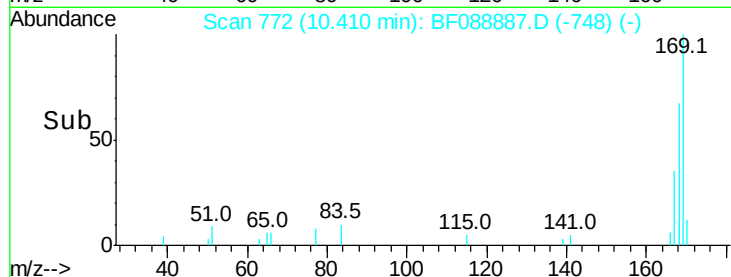
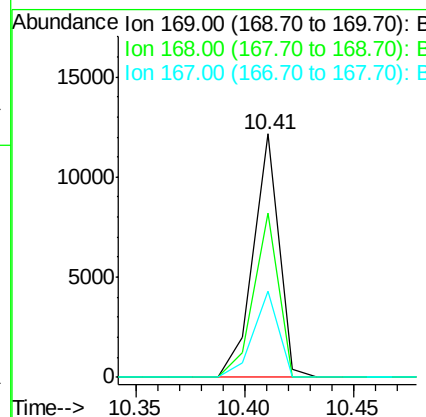
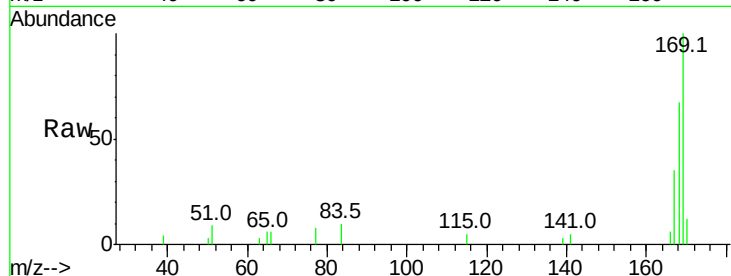
#65
 n-Nitrosodiphenylamine
 Concen: 0.86 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion:169 Resp: 9973
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.0
 167 35.3 29.4 44.0

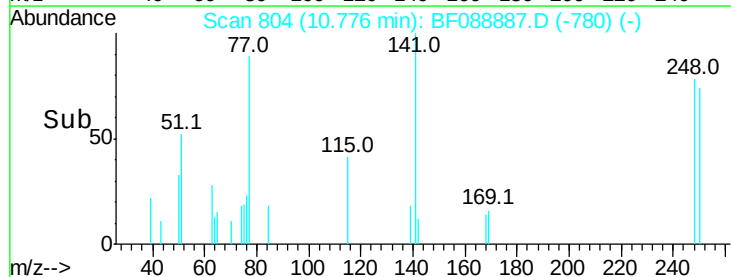
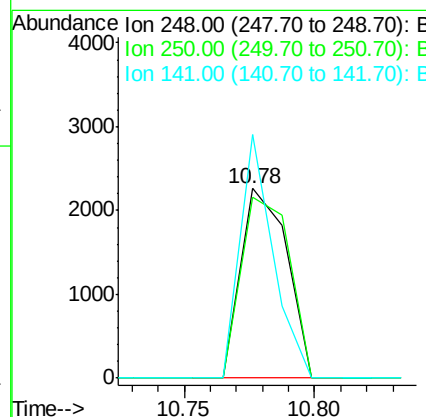
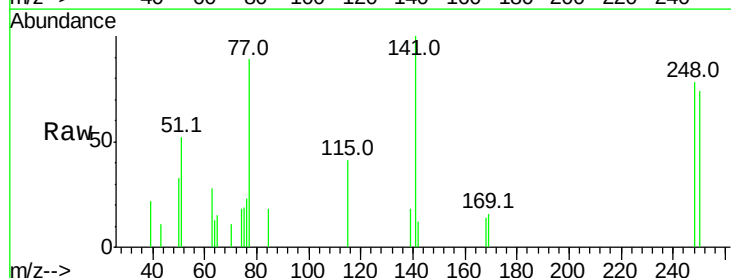
Manual Integrations

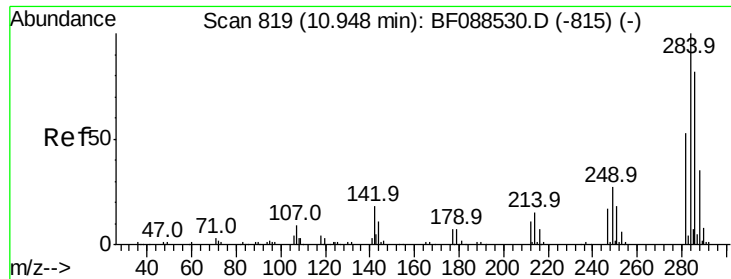
sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 0.81 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion:248 Resp: 2806
 Ion Ratio Lower Upper
 248 100
 250 95.6 77.1 115.7
 141 128.4 50.6 76.0#





#67

Hexachlorobenzene

Concen: 0.79 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF088887.D

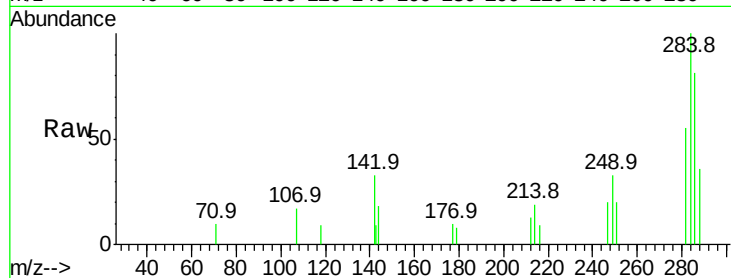
Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD



Tot Ion:284 Resp: 3028

Ion Ratio Lower Upper

284 100

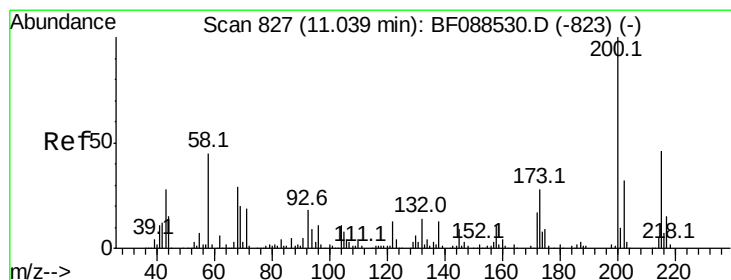
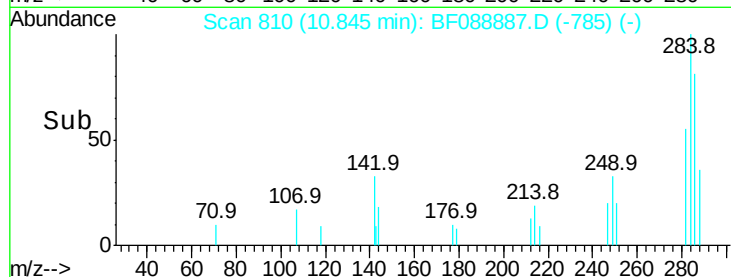
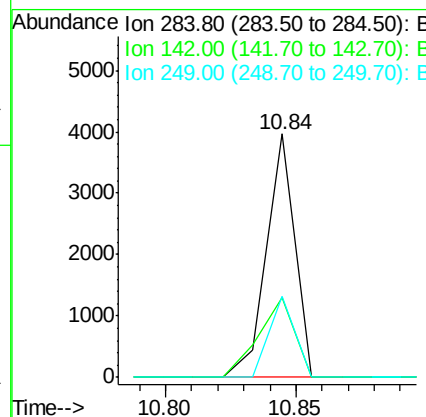
142 32.5 35.8 53.8#

249 33.2 25.8 38.6

Manual Integrations

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#68

Atrazine

Concen: 0.90 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

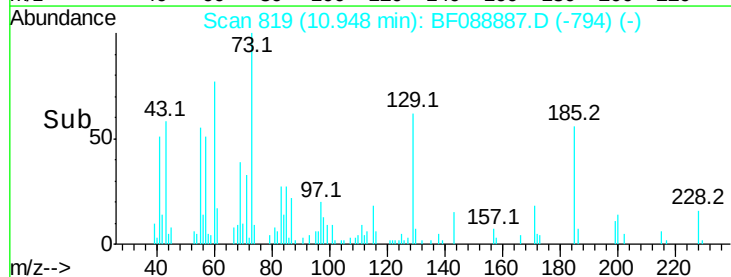
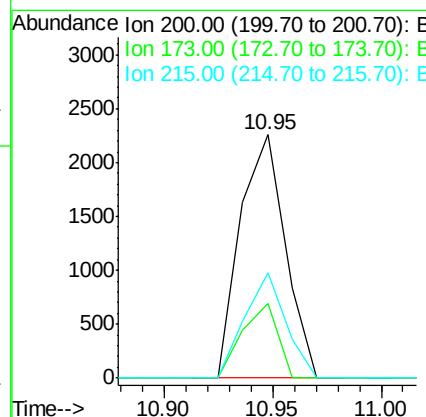
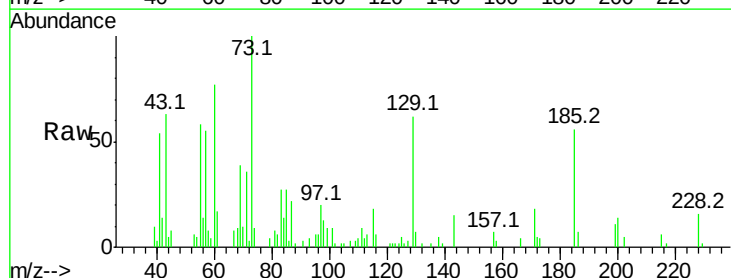
Tgt Ion:200 Resp: 3247

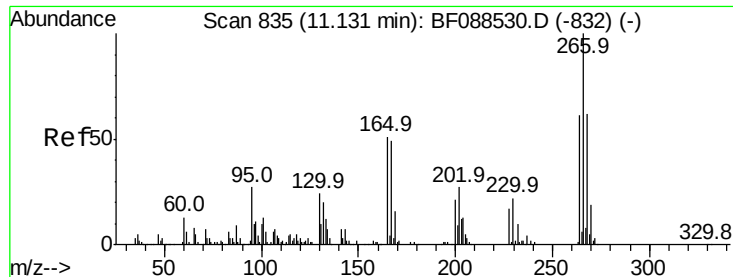
Ion Ratio Lower Upper

200 100

173 30.8 4.0 44.0

215 43.4 29.3 69.3





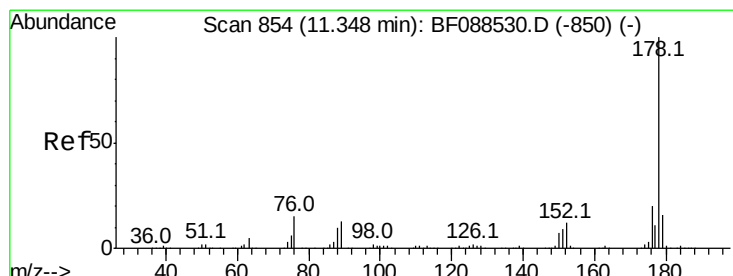
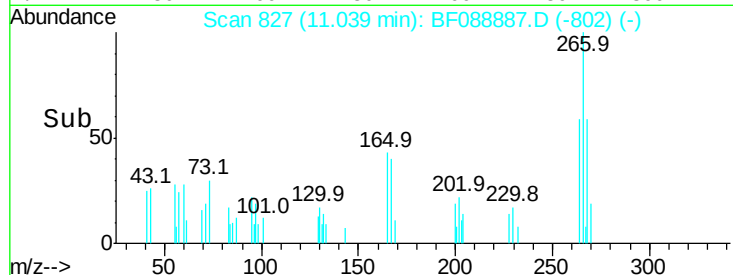
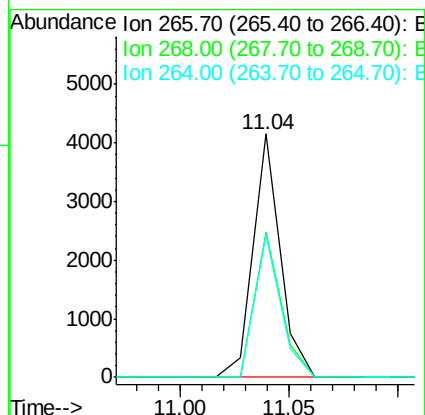
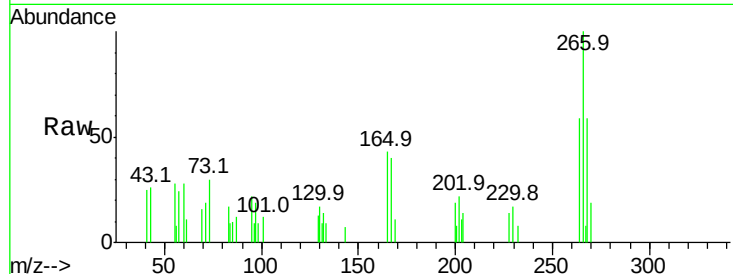
#69
 Pentachlorophenol
 Concen: 1.59 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion:266 Resp: 3594
 Ion Ratio Lower Upper
 266 100
 268 59.3 52.8 79.2
 264 58.5 49.6 74.4

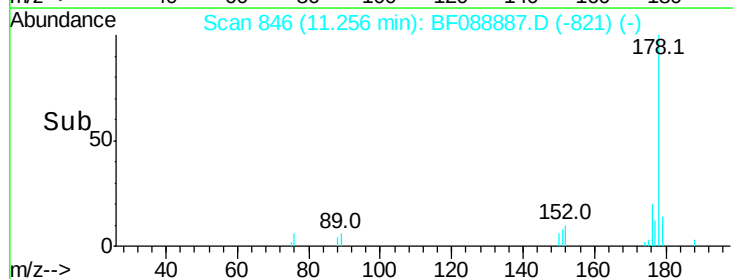
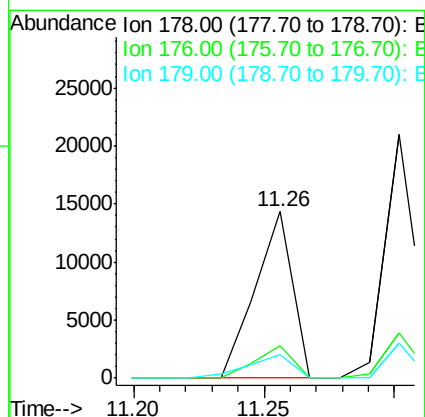
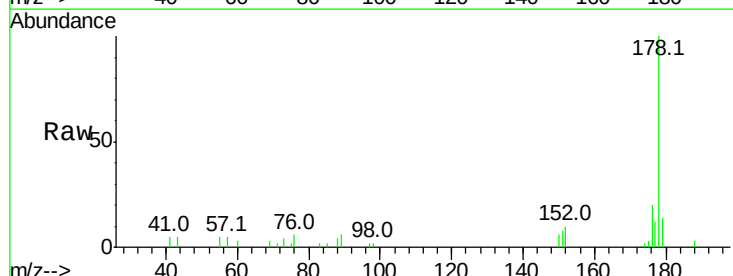
Manual Integrations

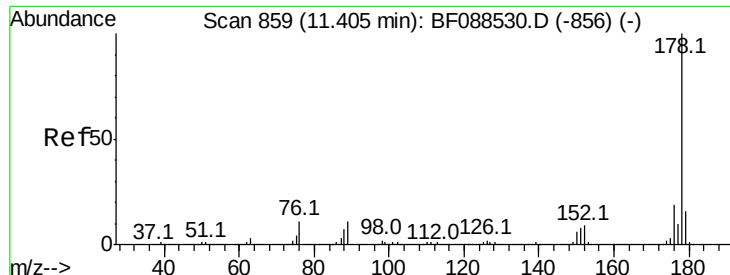
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#70
 Phenanthrene
 Concen: 0.76 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion:178 Resp: 14275
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 14.3 13.0 19.4





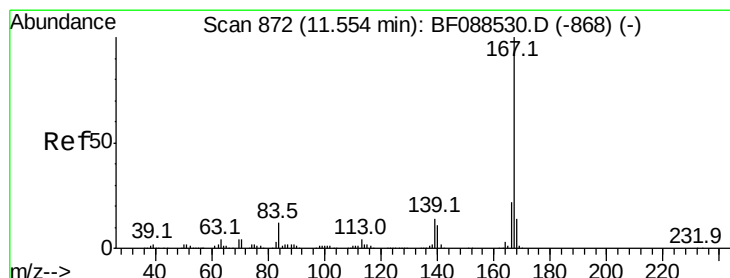
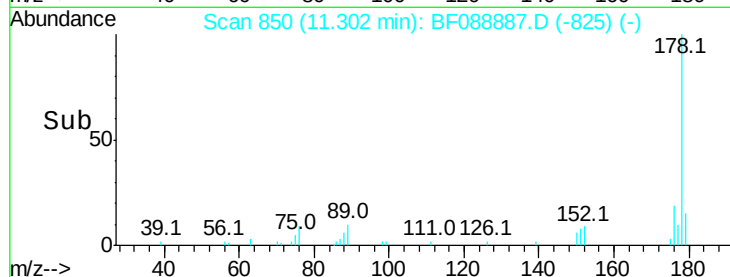
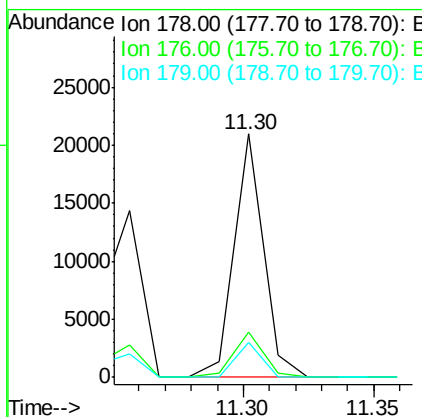
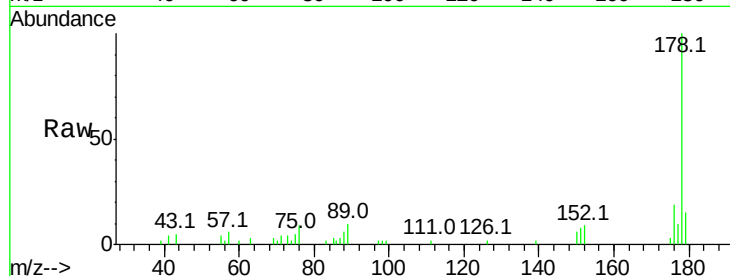
#71
 Anthracene
 Concen: 0.89 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion:178 Resp: 16633
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 14.5 12.8 19.2

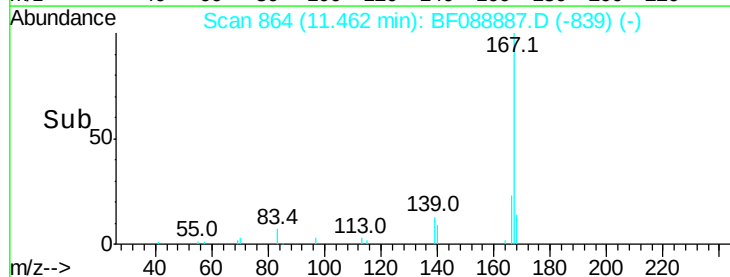
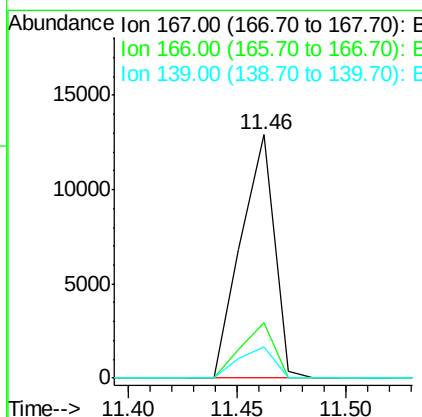
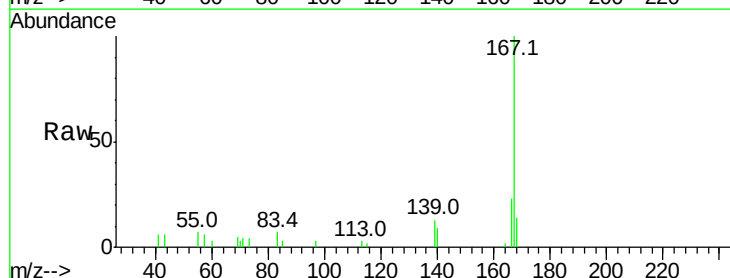
Manual Integrations

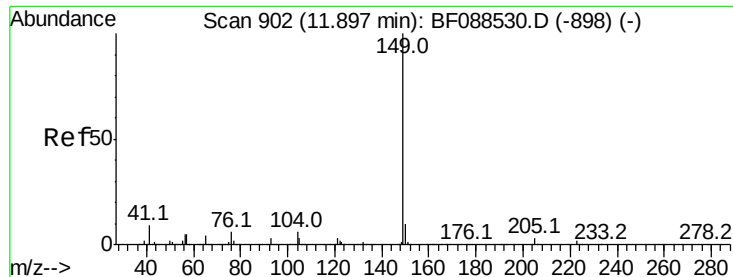
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#72
 Carbazole
 Concen: 0.79 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion:167 Resp: 13807
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.6
 139 12.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 0.97 ng

RT: 11.80 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

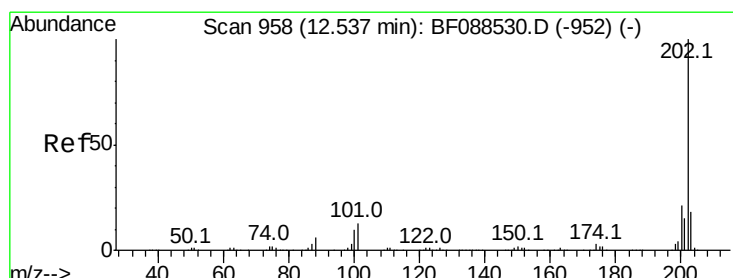
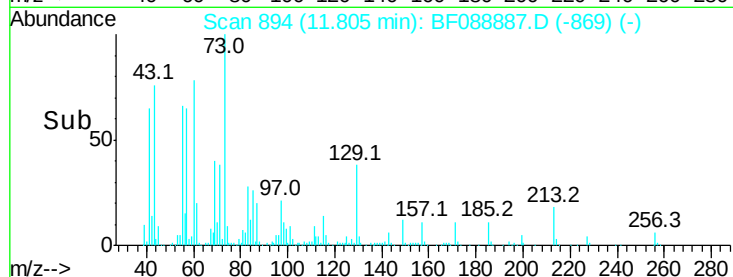
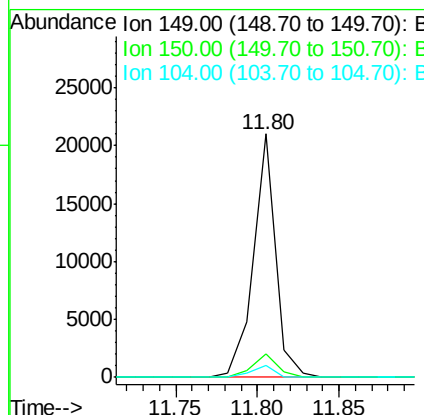
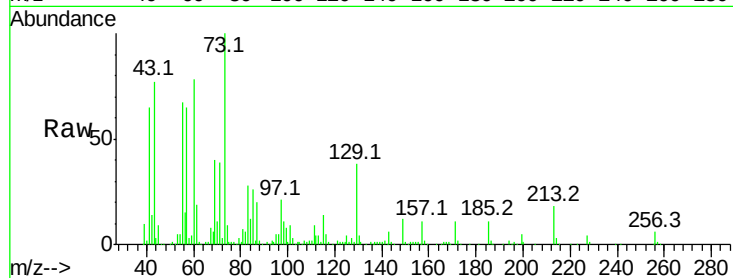
P001-WW001-01MSD

Tot Ion:	149	Resp:	19764
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	4.9	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 0.79 ng

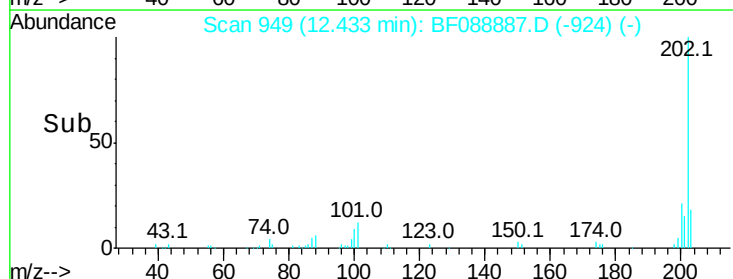
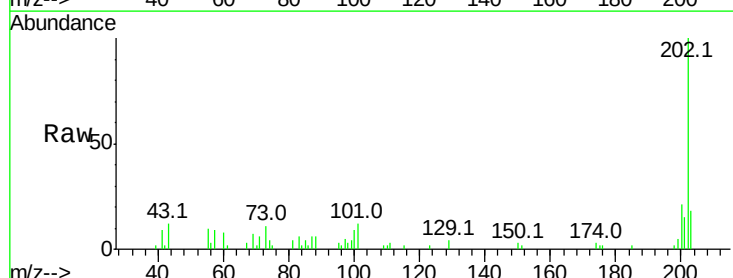
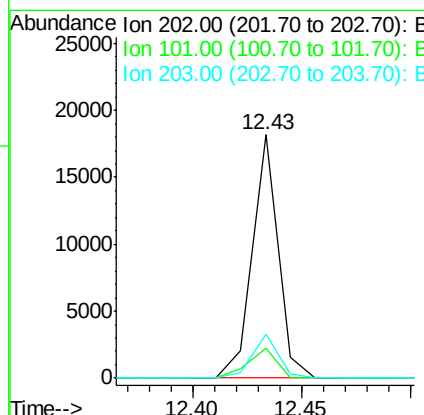
RT: 12.43 min Scan# 949

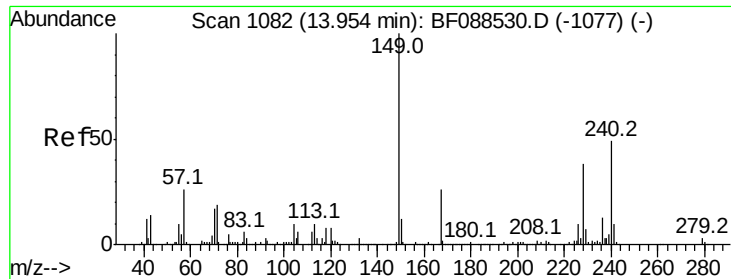
Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Tgt Ion:	202	Resp:	14956
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.1
203	17.9	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: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion:240 Resp: 184116

Ion Ratio Lower Upper

240 100

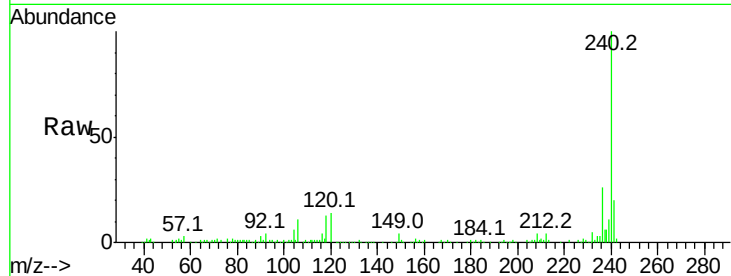
120 14.4 6.8 10.2#

236 26.0 20.2 30.2

Manual Integrations

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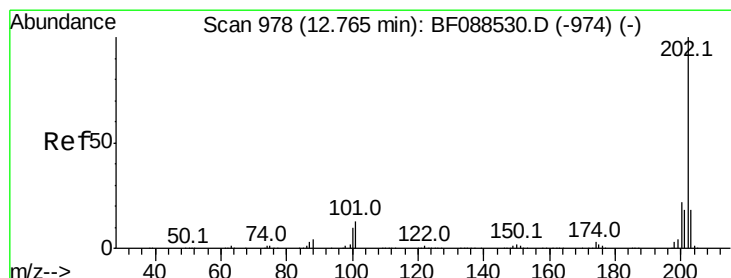
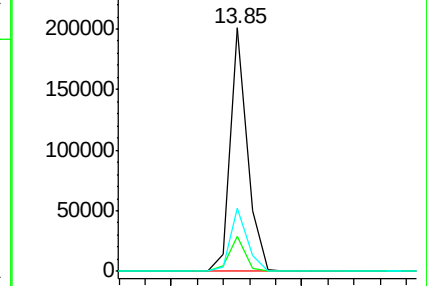
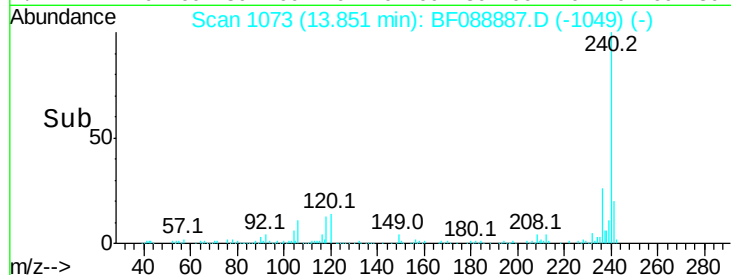
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.89 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

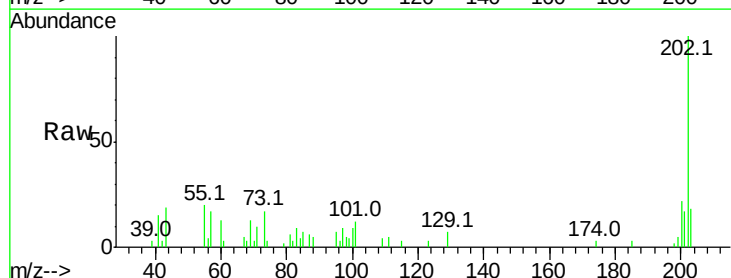
Tgt Ion:202 Resp: 13918

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

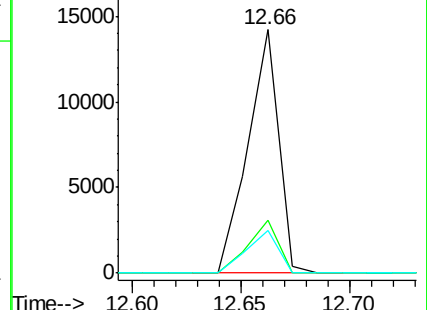
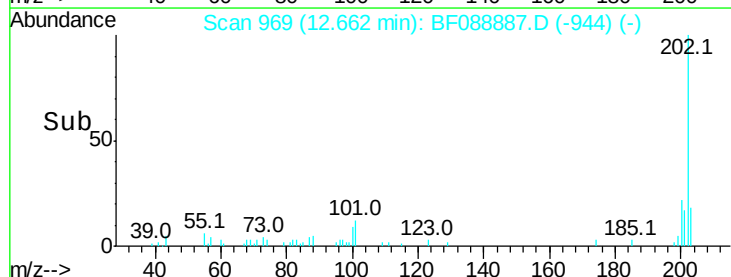
203 17.8 14.5 21.7

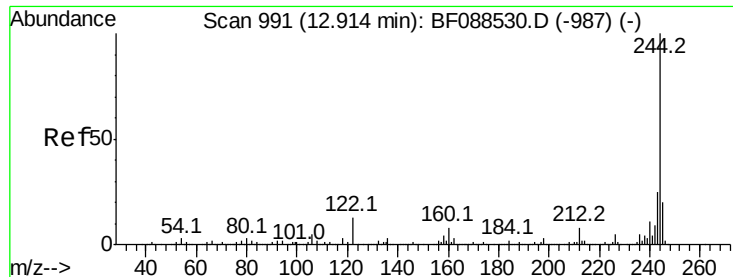


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





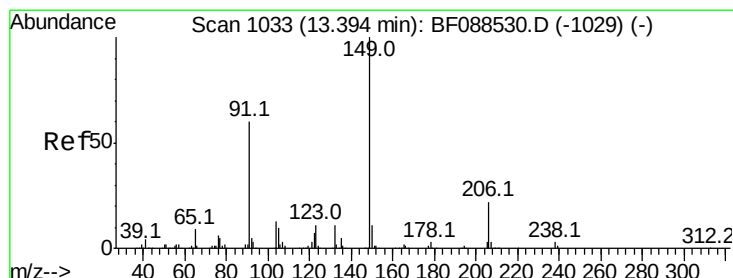
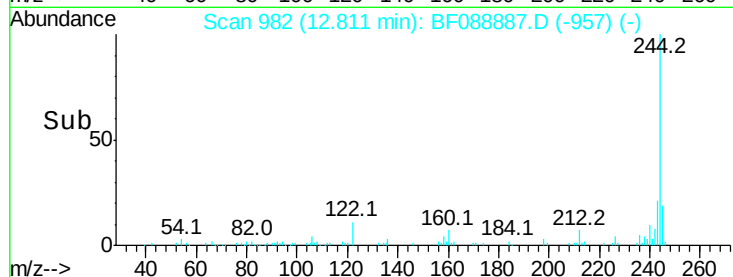
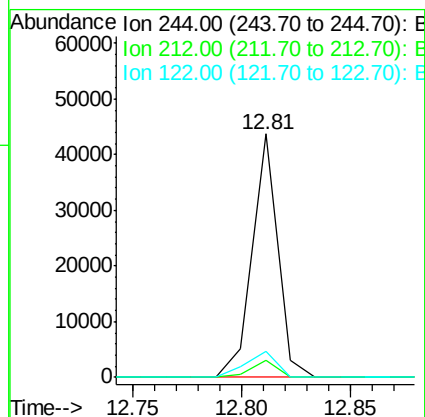
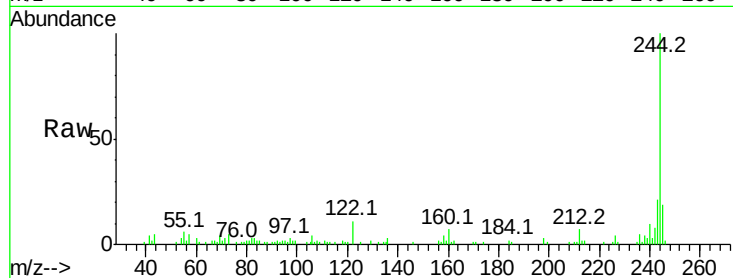
#78
 Terphenyl-d14
 Concen: 4.32 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	10.9	11.2	16.8#

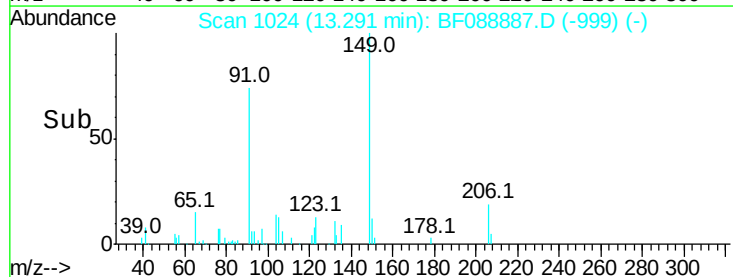
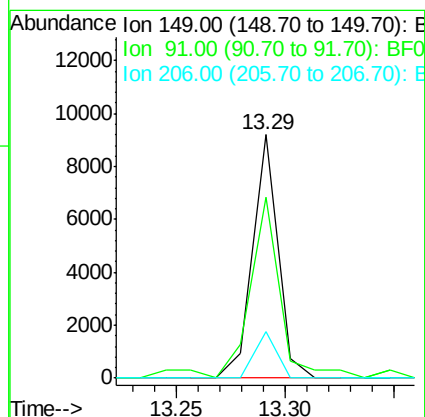
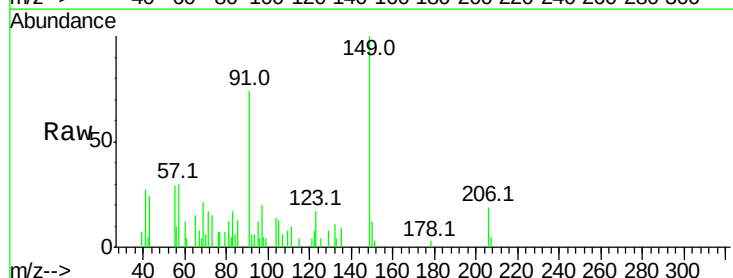
Manual Integrations

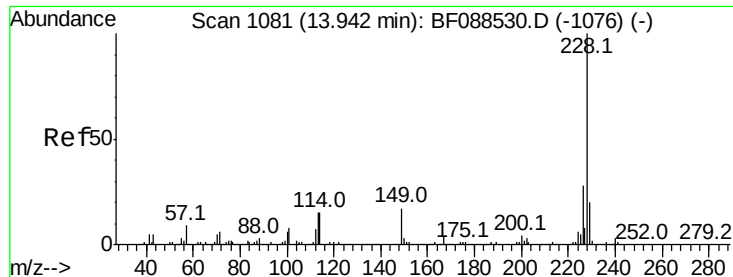
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#79
 Butylbenzylphthalate
 Concen: 1.07 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF088887.D
 Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	48.0	72.0#
206	19.4	16.0	24.0





#80

Benzo(a)anthracene

Concen: 0.83 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

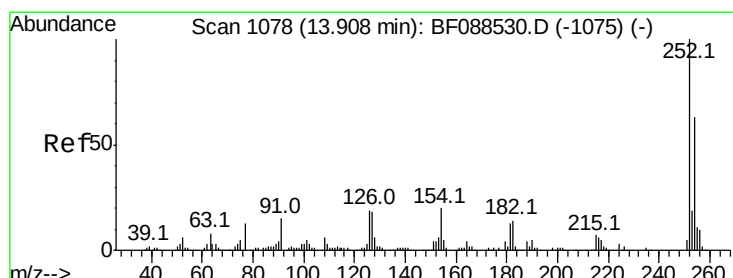
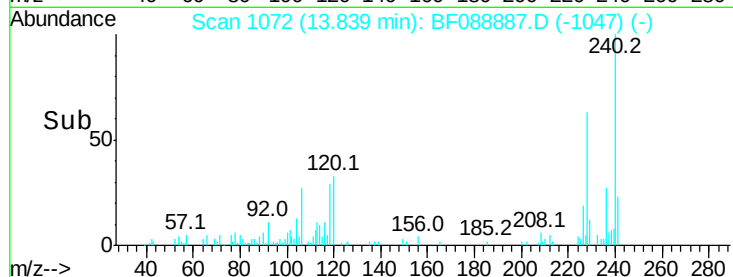
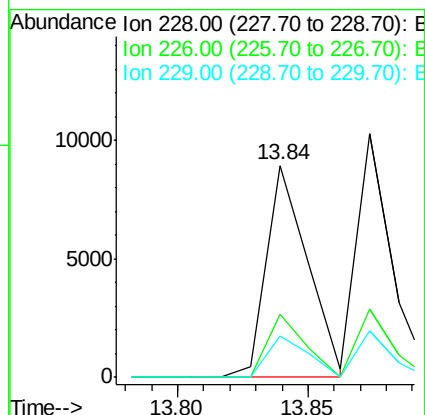
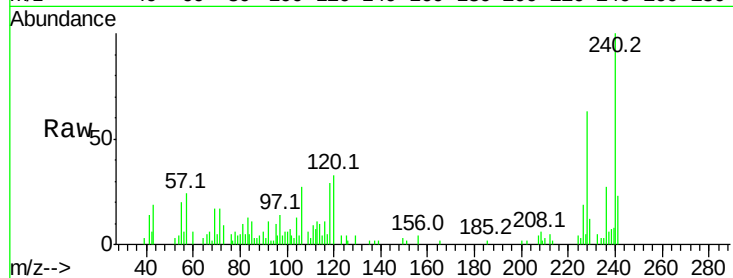
P001-WW001-01MSD

Tot Ion:	228	Resp:	9874
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.3	33.5
229	19.7	16.0	24.0

Manual Integrations

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#81

3,3'-Dichlorobenzidine

Concen: 0.26 ng

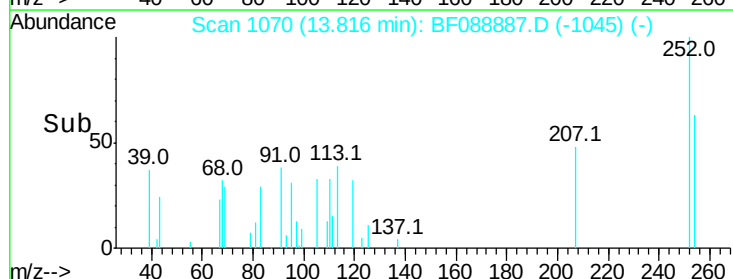
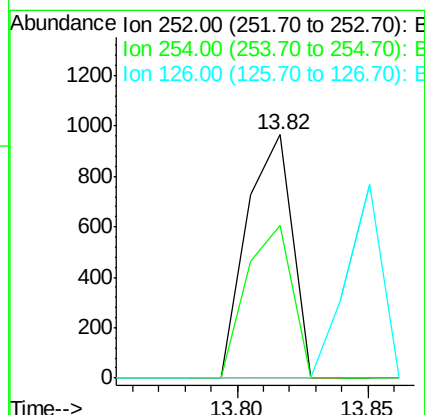
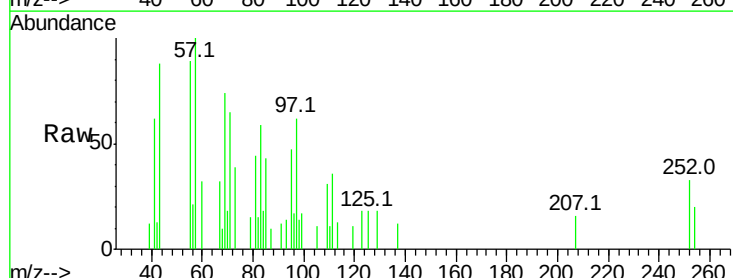
RT: 13.82 min Scan# 1070

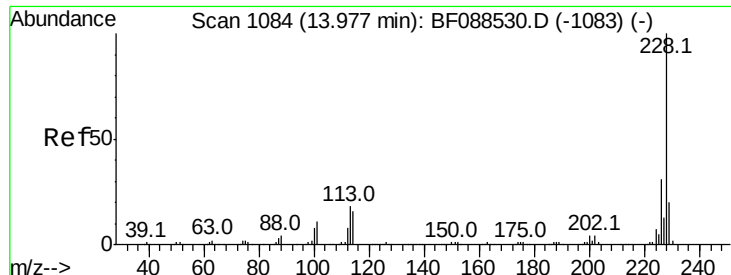
Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Tgt Ion:	252	Resp:	1161
Ion Ratio	Lower	Upper	
252	100		
254	62.6	52.6	78.8
126	0.0	6.2	9.2#





#82

Chrysene

Concen: 0.78 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion:228 Resp: 9202

Ion Ratio Lower Upper

228 100

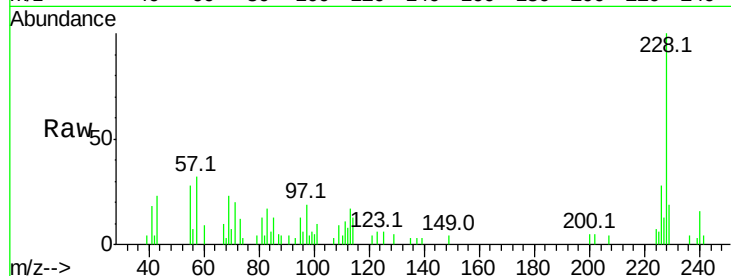
226 28.1 25.4 38.2

229 19.0 16.3 24.5

Manual Integrations

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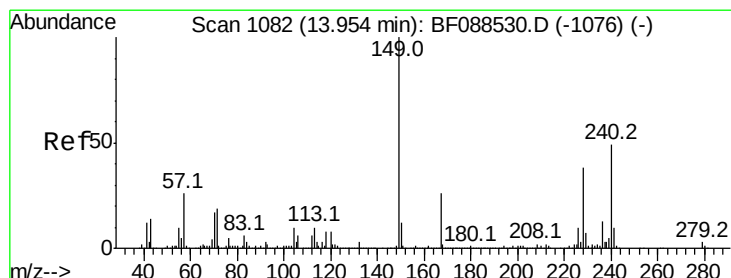
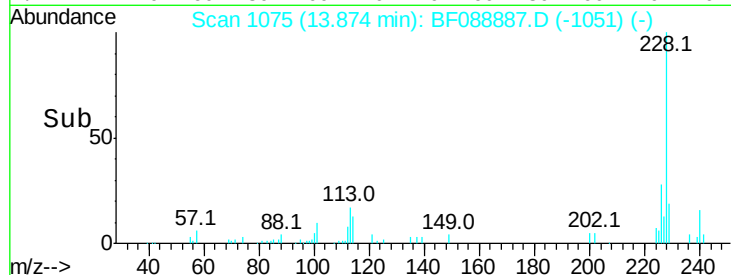
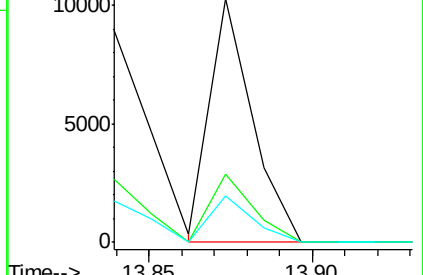
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.31 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

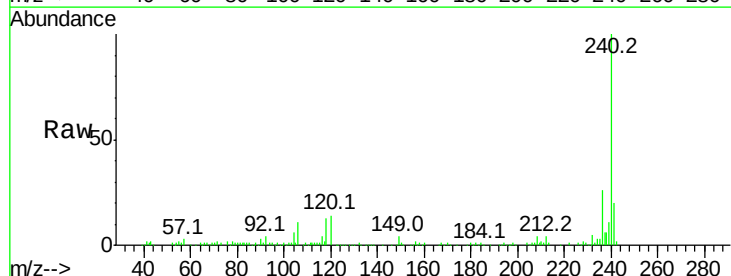
Tgt Ion:149 Resp: 10453

Ion Ratio Lower Upper

149 100

167 24.7 20.5 30.7

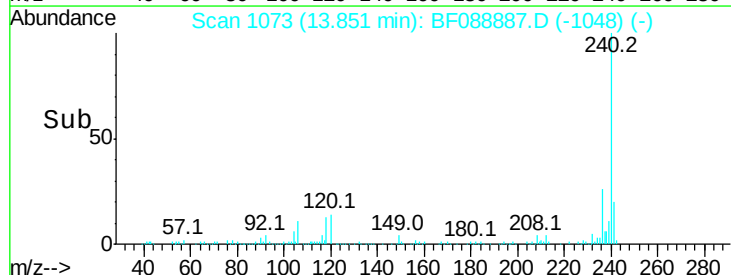
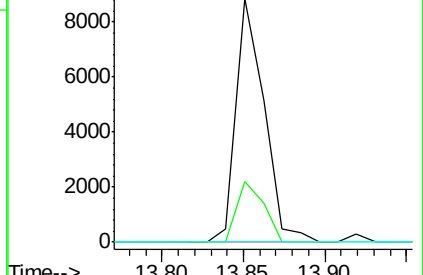
279 0.0 2.0 3.0#

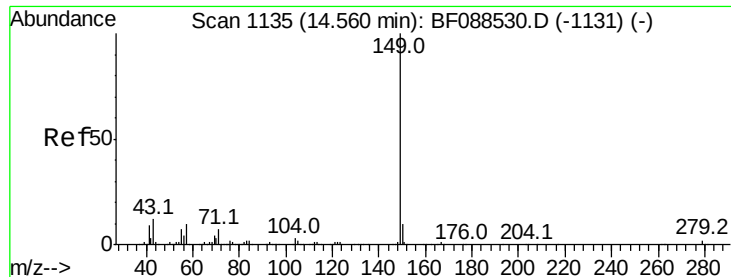


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 1.12 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion:149 Resp: 15115

Ion Ratio Lower Upper

149 100

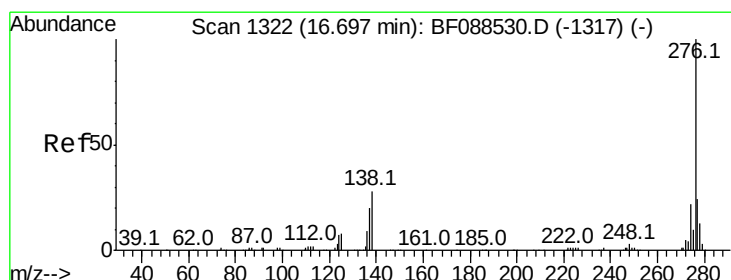
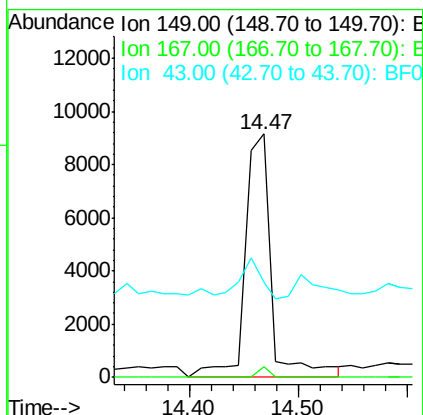
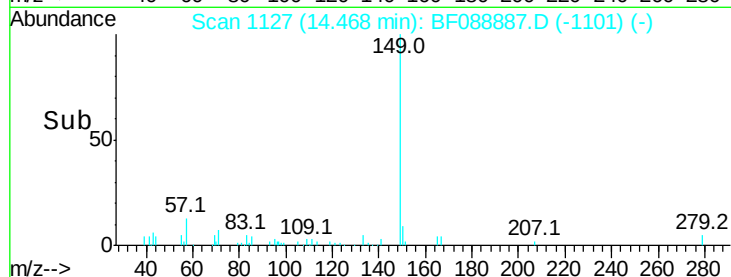
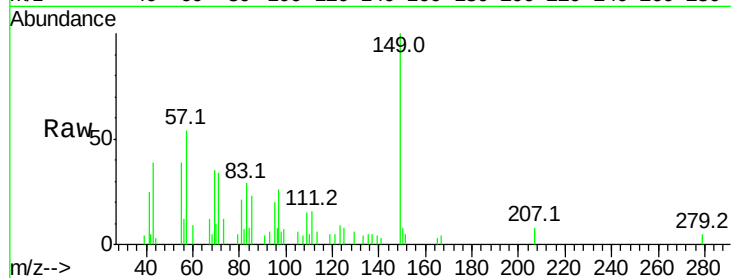
167 1.7 0.0 0.0#

43 13.4 0.0 0.0#

Manual Integrations

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#85

Indeno(1,2,3-cd)pyrene

Concen: 0.95 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

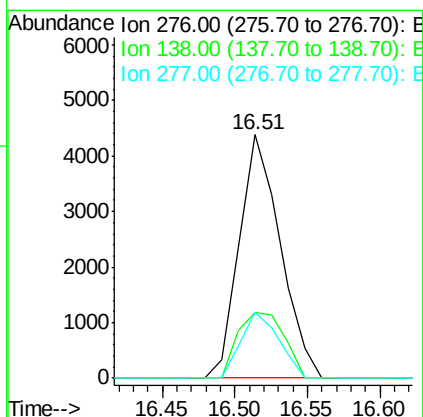
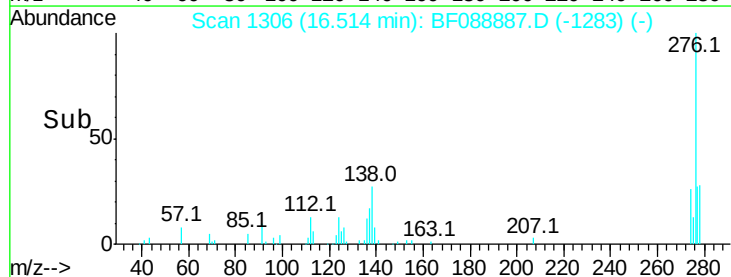
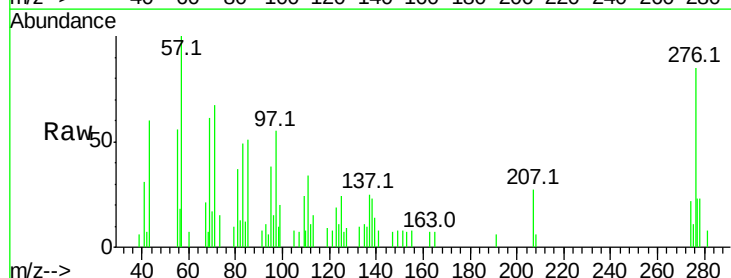
Tgt Ion:276 Resp: 8585

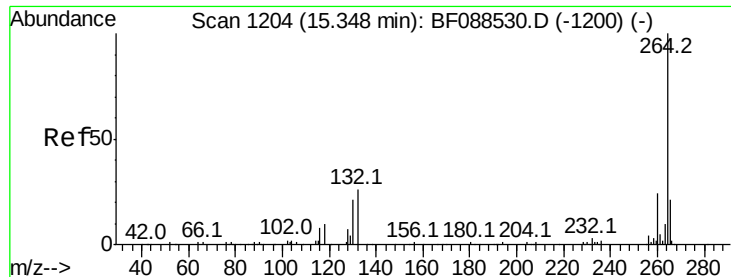
Ion Ratio Lower Upper

276 100

138 30.2 0.0 0.0#

277 24.8 0.0 0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

Instrument :

BNA_F

ClientSampleId :

P001-WW001-01MSD

Tot Ion:264 Resp: 172079

Ion Ratio Lower Upper

264 100

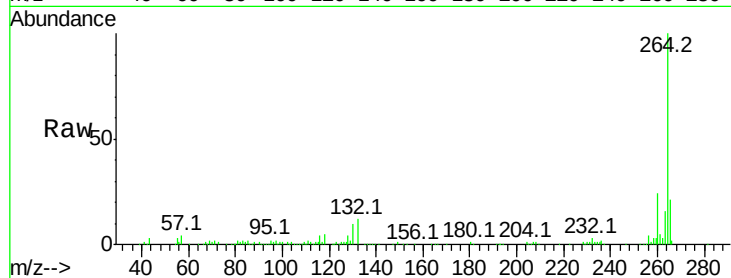
260 23.8 19.2 28.8

265 21.0 16.9 25.3

Manual Integrations

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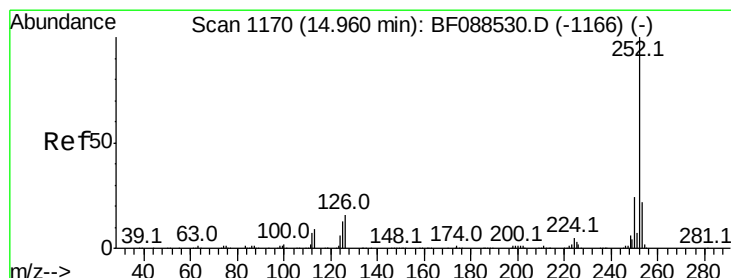
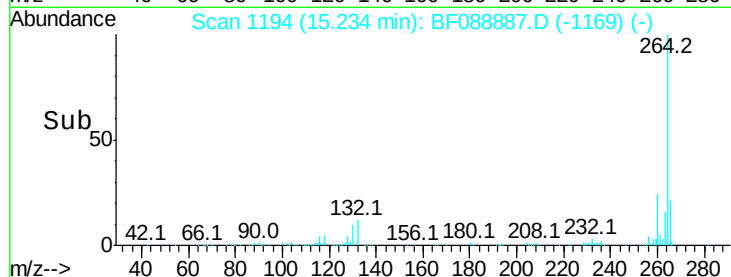
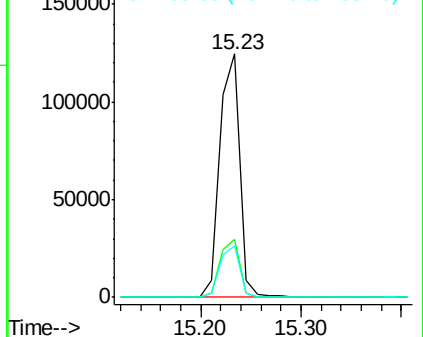
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.77 ng m

RT: 14.85 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF088887.D

Acq: 9 Jul 2016 22:58

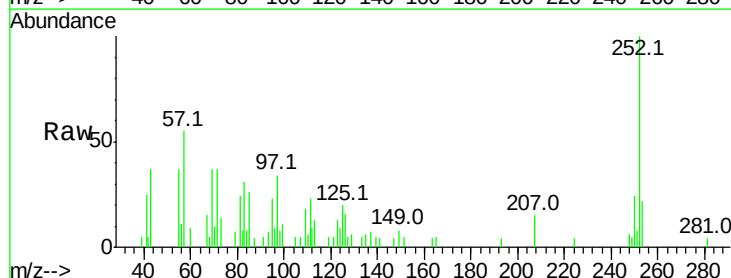
Tgt Ion:252 Resp: 8273

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

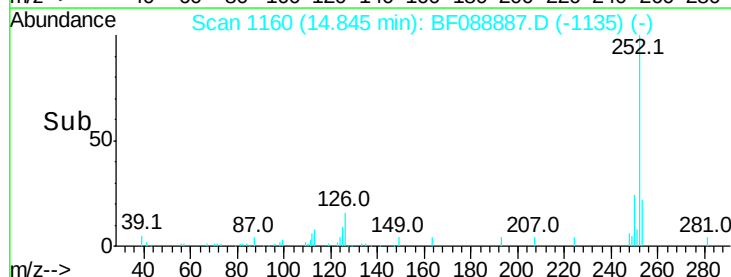
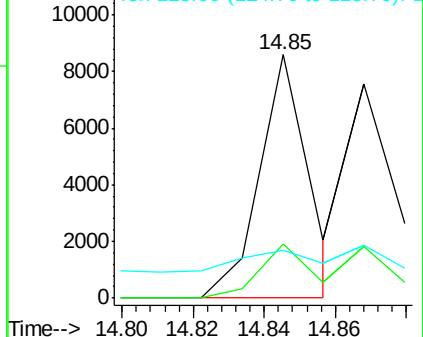
125 19.5 7.1 10.7#

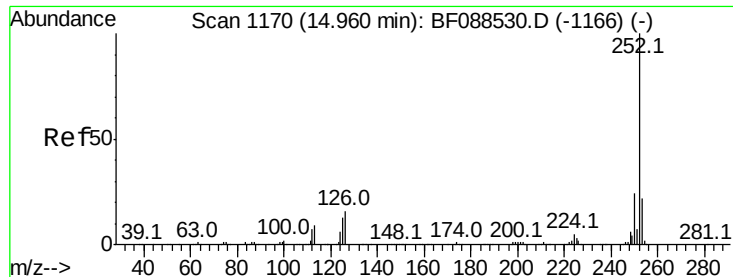


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





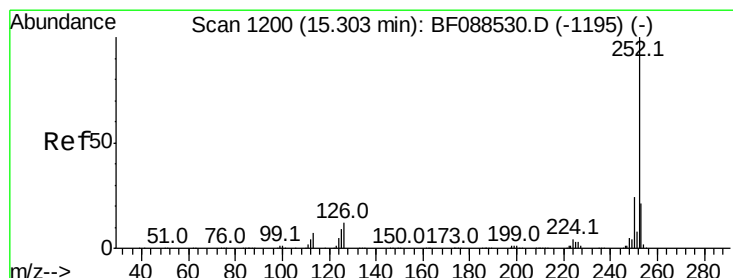
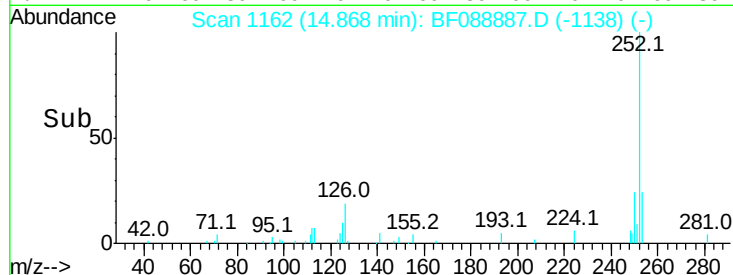
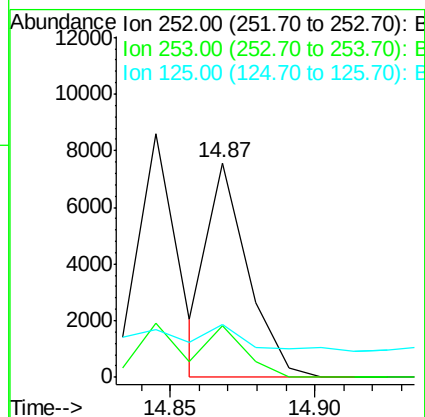
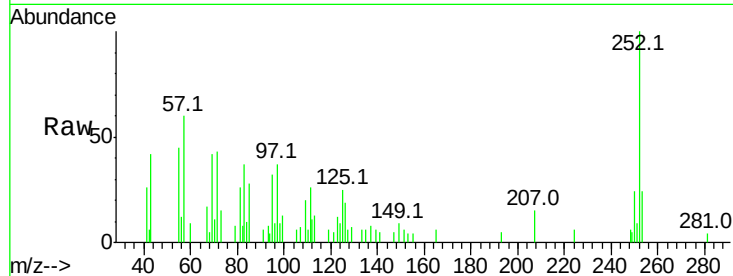
#88
Benzo(k)fluoranthene
Concen: 0.77 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	24.8	11.2	16.8

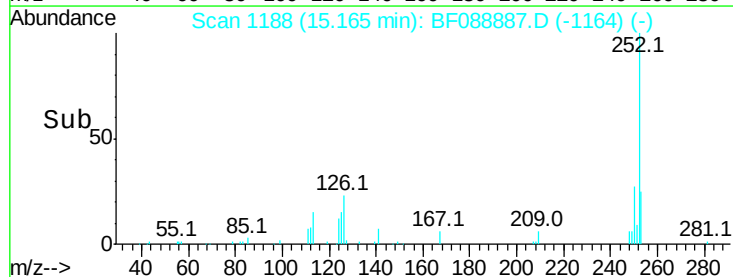
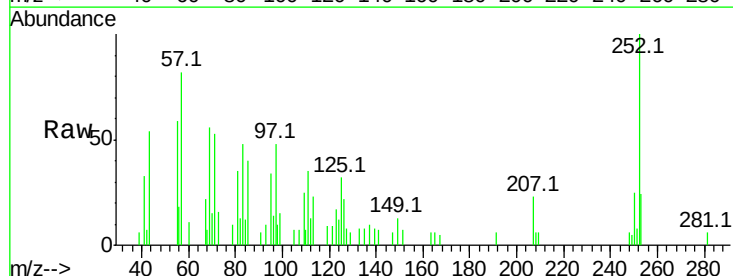
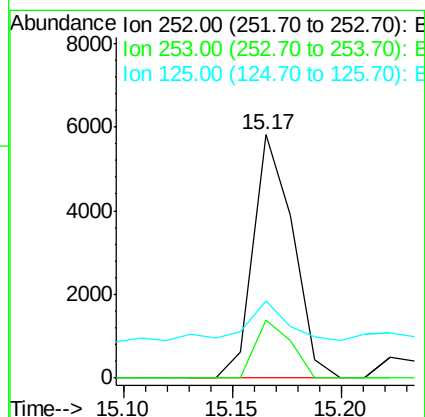
Manual Integrations

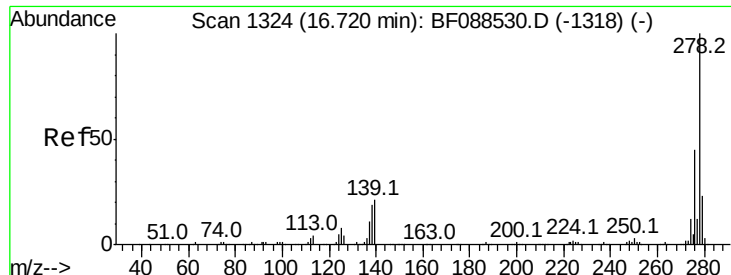
sohil
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#89
Benzo(a)pyrene
Concen: 0.81 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	31.5	12.5	18.7





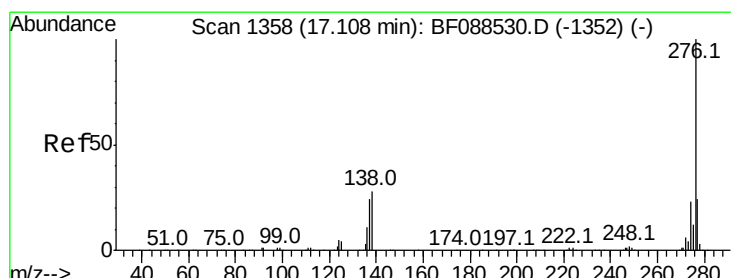
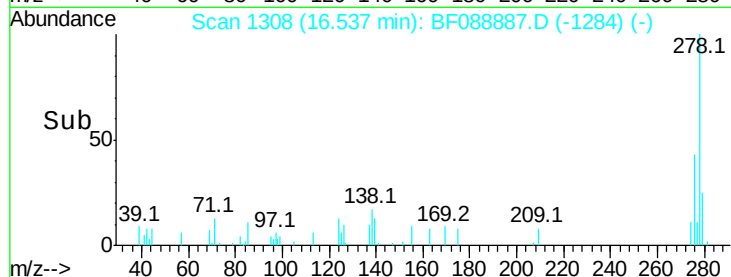
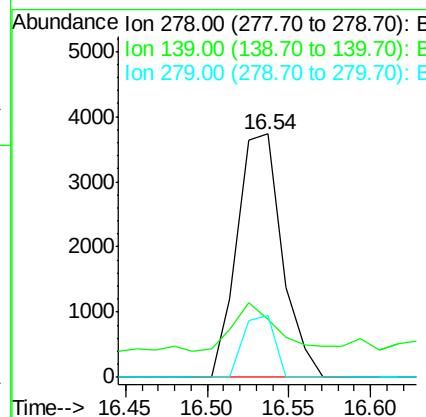
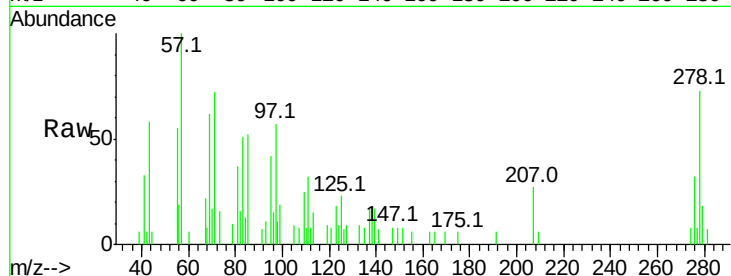
#90
Dibenzo(a,h)anthracene
Concen: 0.93 ng
RT: 16.54 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.0	15.7	23.5
279	25.2	19.4	29.2

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 0.96 ng
RT: 16.90 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.9	28.3
138	23.8	21.4	32.2

