

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088875.D
 Acq On : 9 Jul 2016 17:08
 Operator : UM/SJ
 Sample : H3813-08MSD 25X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Manual Integrations

sohil
 7/11/2016 8:07:28 PM

Quant Time: Jul 11 15:37:32 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	70766	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	259372	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	129548	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	269778	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	213286	20.00	ng	-0.02
86) Perylene-d12	15.22	264	150175	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	20432	4.33	ng	-0.03
7) Phenol-d6	6.34	99	27371	4.49	ng	-0.03
23) Nitrobenzene-d5	7.28	82	17420	3.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5646	4.69	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	34008	4.15	ng	-0.02
78) Terphenyl-d14	12.81	244	37137	3.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	2644	1.13	ng	# 33
3) Pyridine	2.96	79	2423	0.36	ng	# 79
4) n-Nitrosodimethylamine	2.86	42	1134	0.44	ng	# 80
6) Aniline	6.38	93	3300	0.37	ng	98
8) 2-Chlorophenol	6.49	128	3834	0.76	ng	92
9) Benzaldehyde	6.25	77	2501	0.61	ng	83
10) Phenol	6.36	94	5057	0.73	ng	# 72
11) bis(2-Chloroethyl)ether	6.44	93	3810	0.73	ng	93
12) 1,3-Dichlorobenzene	6.65	146	4062	0.73	ng	# 93
13) 1,4-Dichlorobenzene	6.73	146	4065	0.73	ng	91
14) 1,2-Dichlorobenzene	6.89	146	4181	0.81	ng	93
15) Benzyl Alcohol	6.86	79	3410	0.76	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	4686	0.62	ng	89
17) 2-Methylphenol	6.98	107	2966	0.72	ng	94
18) Hexachloroethane	7.23	117	1597	0.74	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	2912	0.71	ng	# 86
20) 3+4-Methylphenols	7.13	107	4412	0.89	ng	87
22) Acetophenone	7.13	105	5635	0.90	ng	# 88
24) Nitrobenzene	7.29	77	4008	0.80	ng	# 84
25) Isophorone	7.54	82	7219	0.79	ng	# 95
26) 2-Nitrophenol	7.62	139	1614	0.79	ng	# 83
27) 2,4-Dimethylphenol	7.67	122	3155	0.74	ng	86
28) bis(2-Chloroethoxy)methane	7.76	93	5664	0.95	ng	# 89
29) 2,4-Dichlorophenol	7.86	162	2813	0.82	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	3280	0.87	ng	97
31) Naphthalene	8.02	128	13115	1.03	ng	99
33) 4-Chloroaniline	8.08	127	2848	0.50	ng	94
34) Hexachlorobutadiene	8.15	225	1809	0.89	ng	98
35) Caprolactam	8.39	113	676	0.58	ng	# 83
36) 4-Chloro-3-methylphenol	8.56	107	3638	0.89	ng	97
37) 2-Methylnaphthalene	8.72	142	7458	0.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	3576	0.83	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	1690	0.80	ng	93
42) 2,4,6-Trichlorophenol	8.99	196	1996	0.70	ng	98

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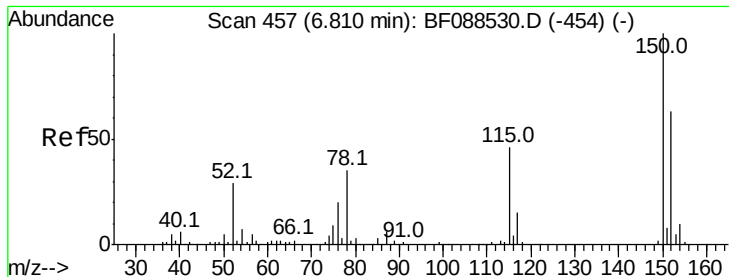
Manual Integrations

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Quant Time: Jul 11 15:37:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	1847	0.76	nq	# 79
45) 1,1'-Biphenyl	9.18	154	10426	0.97	nq	99
46) 2-Chloronaphthalene	9.20	162	7864	0.93	nq	99
47) 2-Nitroaniline	9.29	65	2037	0.68	nq	93
48) Acenaphthylene	9.61	152	13279	0.99	nq	97
49) Dimethylphthalate	9.47	163	11309	1.23	nq	97
50) 2,6-Dinitrotoluene	9.53	165	1537	0.75	nq	# 30
51) Acenaphthene	9.78	154	8566	1.04	nq	98
52) 3-Nitroaniline	9.70	138	1727	0.66	nq	# 96
54) Dibenzofuran	9.95	168	12306	1.14	nq	# 90
55) 4-Nitrophenol	9.86	139	2468	1.25	nq	# 79
56) 2,4-Dinitrotoluene	9.93	165	1979	0.74	nq	# 21
57) Fluorene	10.30	166	9454	1.14	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.08	232	1095	0.58	nq	# 61
59) Diethylphthalate	10.17	149	9270	1.00	nq	# 94
60) 4-Chlorophenyl-phenylether	10.30	204	4253	1.10	nq	89
61) 4-Nitroaniline	10.30	138	1758	0.70	nq	# 76
62) Azobenzene	10.44	77	8836	0.84	nq	91
65) n-Nitrosodiphenylamine	10.41	169	7633	0.84	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	2384	0.88	nq	# 67
67) Hexachlorobenzene	10.84	284	2840	0.94	nq	# 77
68) Atrazine	10.94	200	2319	0.82	nq	92
69) Pentachlorophenol	11.04	266	658	0.37	nq	88
70) Phenanthrene	11.24	178	13811	0.94	nq	98
71) Anthracene	11.30	178	14041	0.96	nq	98
72) Carbazole	11.45	167	11606	0.84	nq	95
73) Di-n-butylphthalate	11.80	149	15519	0.97	nq	98
74) Fluoranthene	12.43	202	13649	0.91	nq	94
76) Benzidine	12.56	184	671	0.06	nq	# 66
77) Pyrene	12.65	202	13511	0.75	nq	100
79) Butylbenzylphthalate	13.29	149	5568	0.69	nq	93
80) Benzo(a)anthracene	13.84	228	11745	0.86	nq	98
81) 3,3'-Dichlorobenzidine	13.81	252	1819	0.35	nq	# 92
82) Chrysene	13.87	228	10041	0.74	nq	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	8275	0.90	nq	# 98
84) Di-n-octyl phthalate	14.46	149	10651	0.68	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	7153	0.68	nq	# 100
87) Benzo(b)fluoranthene	14.85	252	8422m	0.89	nq	
88) Benzo(k)fluoranthene	14.87	252	6073m	0.74	nq	
89) Benzo(a)pyrene	15.17	252	6432	0.81	nq	97
90) Dibenzo(a,h)anthracene	16.53	278	5761	0.86	nq	# 93
91) Benzo(g,h,i)perylene	16.89	276	6257	0.91	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088875.D

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Instrument :

BNA_F

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P001-DS001-01MSD

Tot Ion:152 Resp: 70766

Ion Ratio Lower Upper

152 100

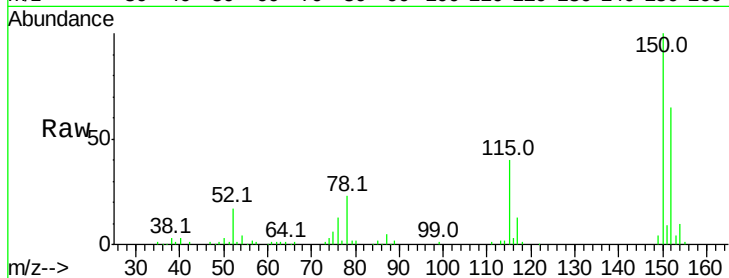
150 154.5 123.8 185.6

115 62.3 39.6 59.4#

Manual Integrations

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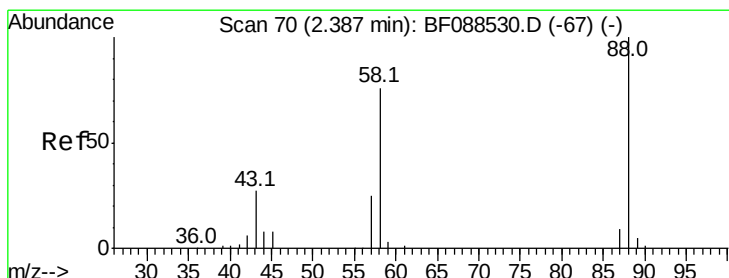
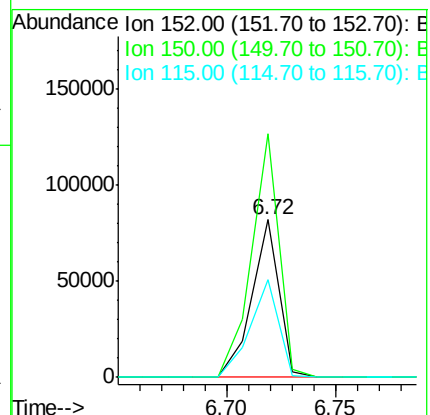
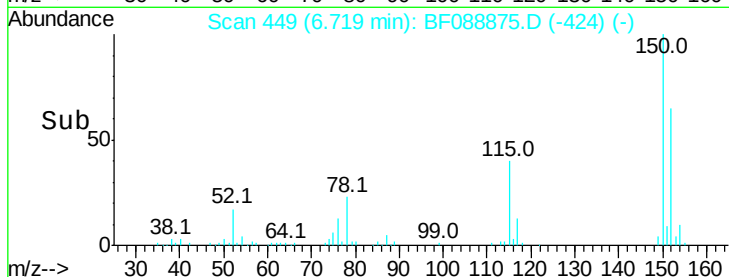
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.13 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

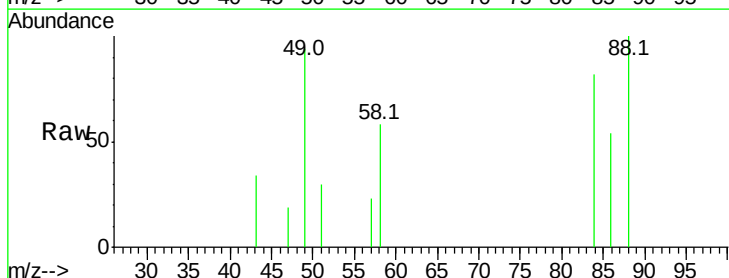
Tgt Ion: 88 Resp: 2644

Ion Ratio Lower Upper

88 100

58 49.4 0.0 0.0#

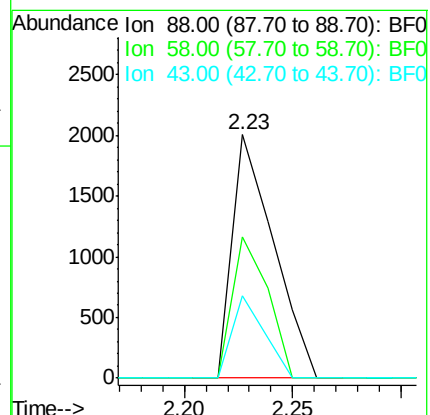
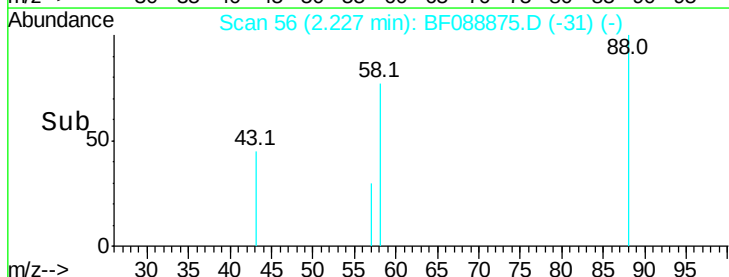
43 26.2 3.4 5.2#

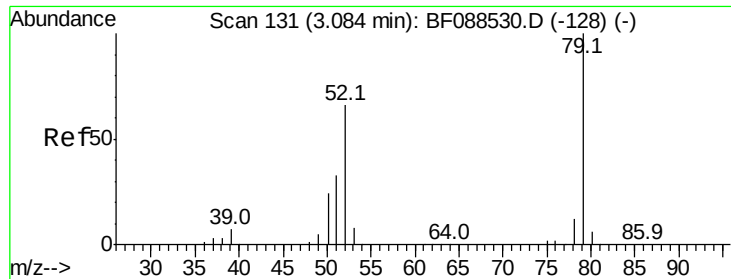


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.36 ng

RT: 2.96 min Scan# 120

Delta R.T. 0.06 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion: 79 Resp: 2423

Ion Ratio Lower Upper

79 100

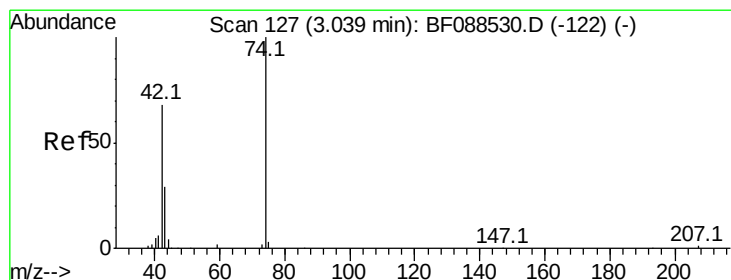
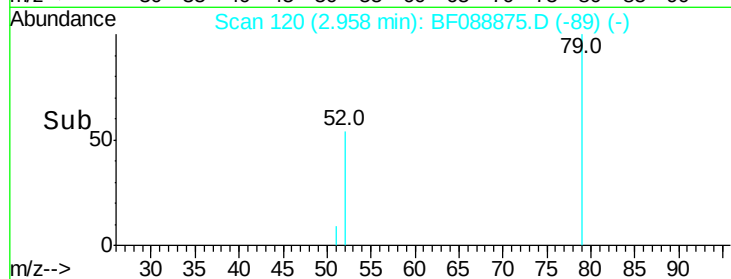
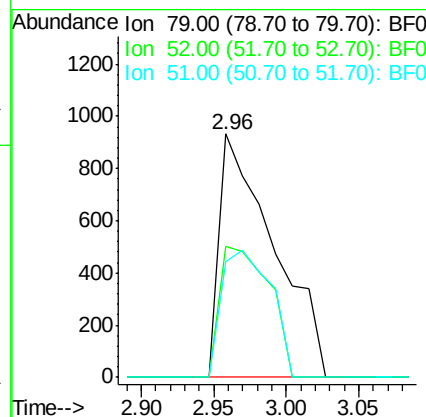
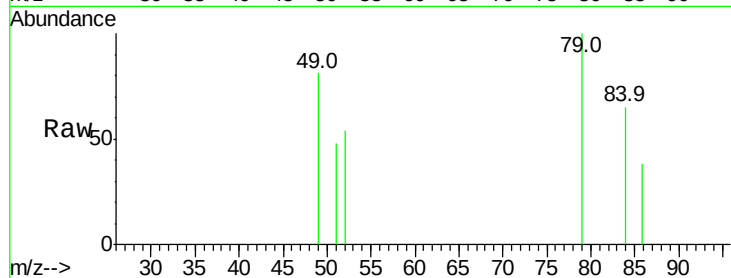
52 54.0 56.3 84.5#

51 47.6 27.4 41.2#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 2.86 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

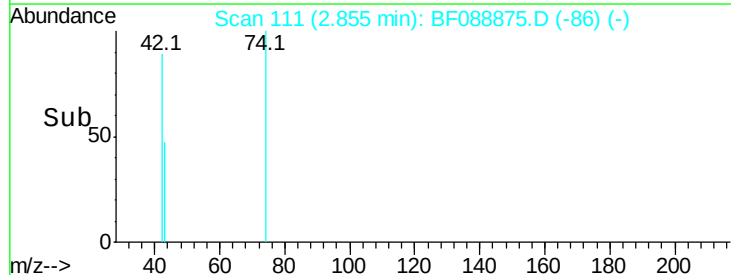
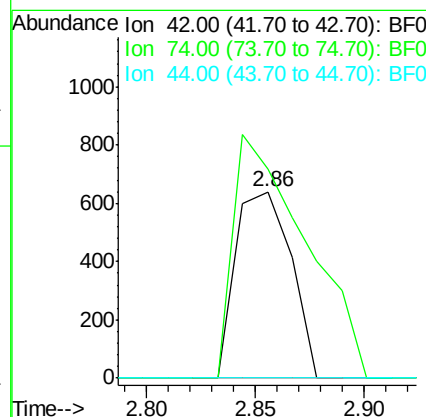
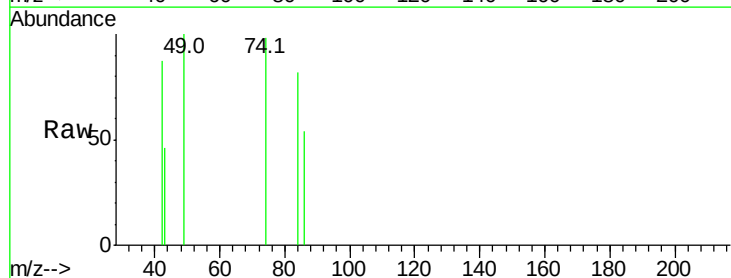
Tgt Ion: 42 Resp: 1134

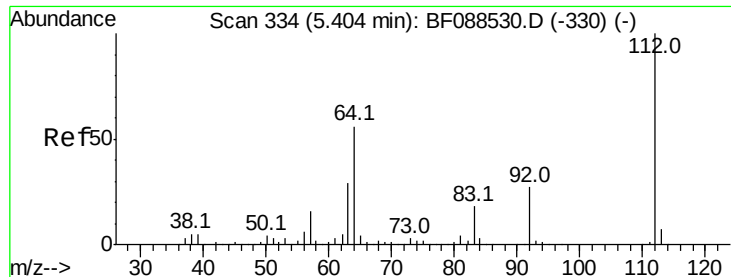
Ion Ratio Lower Upper

42 100

74 112.3 108.6 163.0

44 0.0 5.5 8.3#





#5

2-Fluorophenol

Concen: 4.33 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

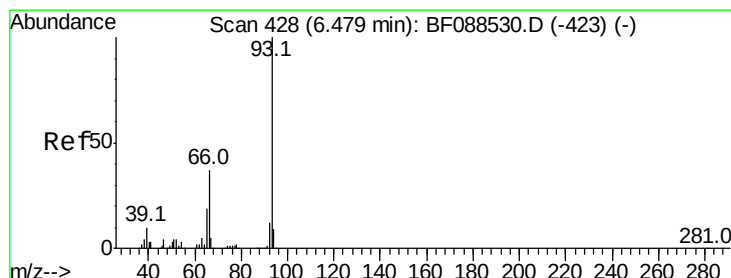
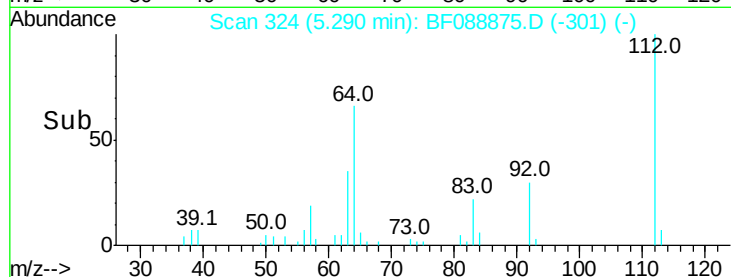
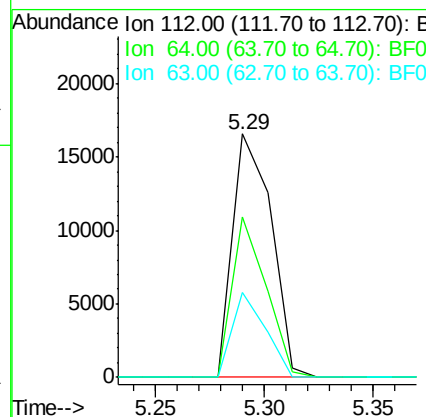
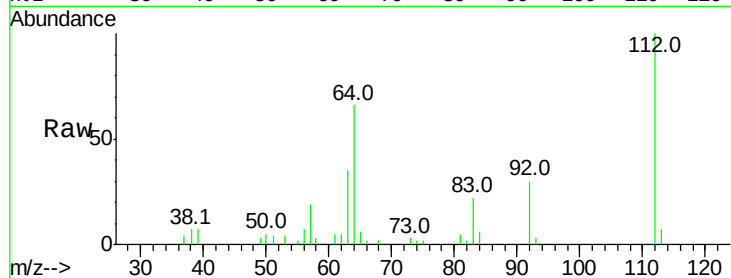
P001-DS001-01MSD

Tot Ion:	112	Resp:	20432
Ion Ratio	Lower	Upper	
112	100		
64	65.7	42.2	63.2#
63	35.0	21.8	32.8#

Manual Integrations

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#6

Aniline

Concen: 0.37 ng

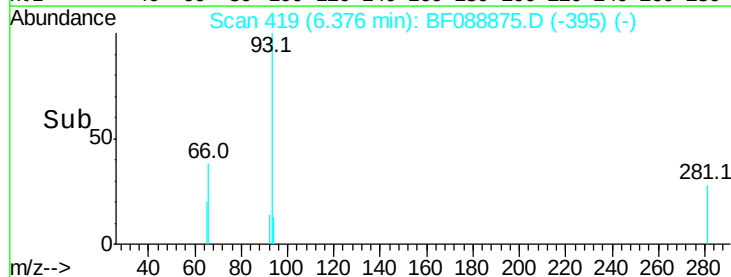
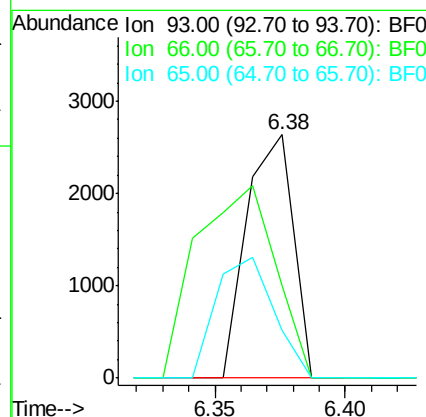
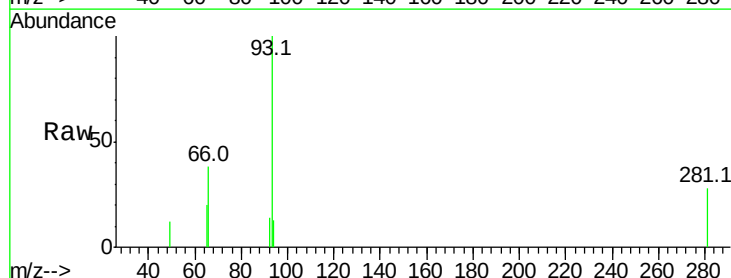
RT: 6.38 min Scan# 419

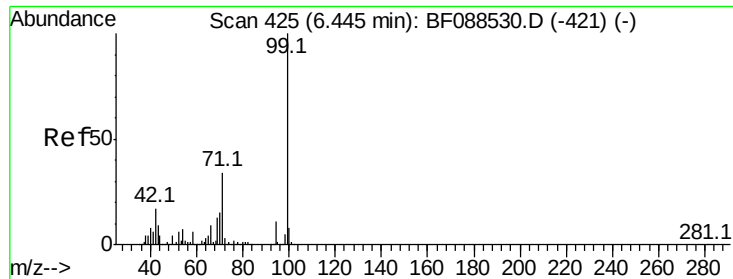
Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:	93	Resp:	3300
Ion Ratio	Lower	Upper	
93	100		
66	37.8	29.8	44.8
65	19.9	14.9	22.3





#7

Phenol-d6

Concen: 4.49 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

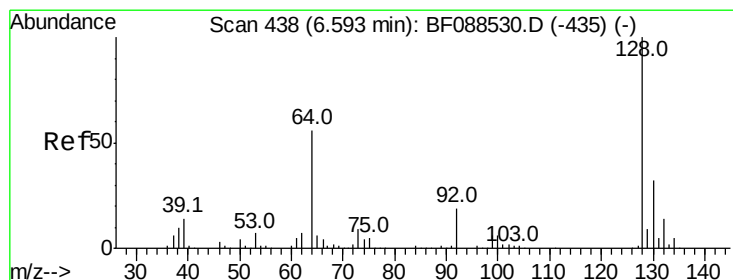
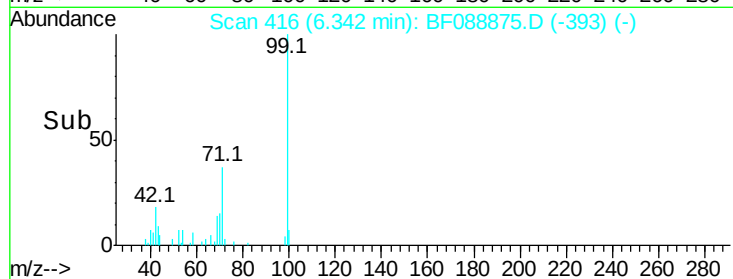
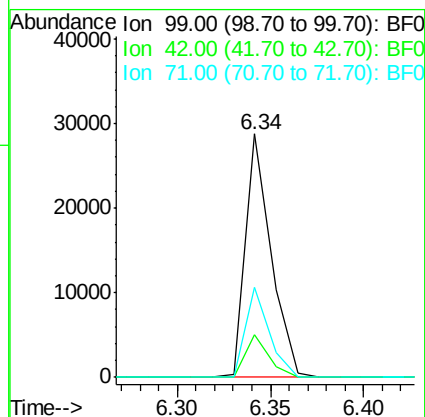
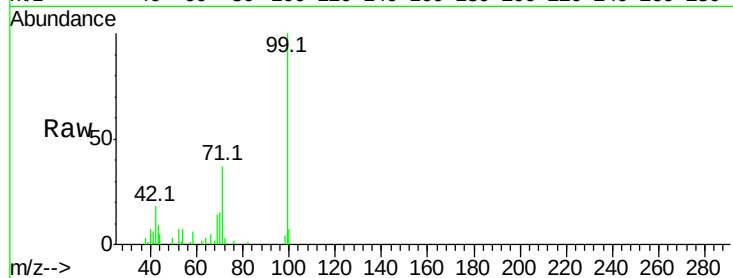
P001-DS001-01MSD

Tot Ion:	99	Resp:	27371
Ion Ratio	Lower	Upper	
99	100		
42	17.6	12.2	18.2
71	37.1	23.4	35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 0.76 ng

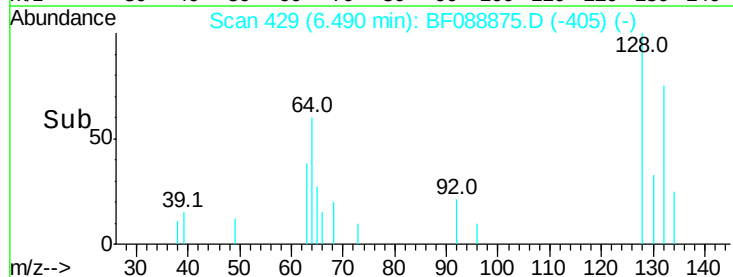
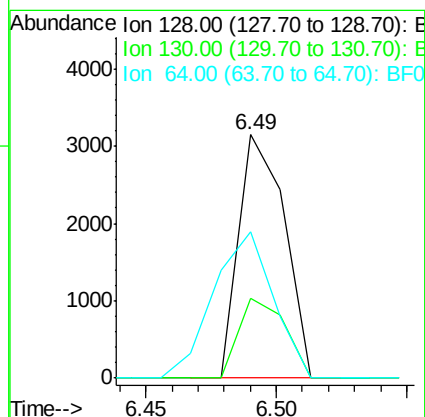
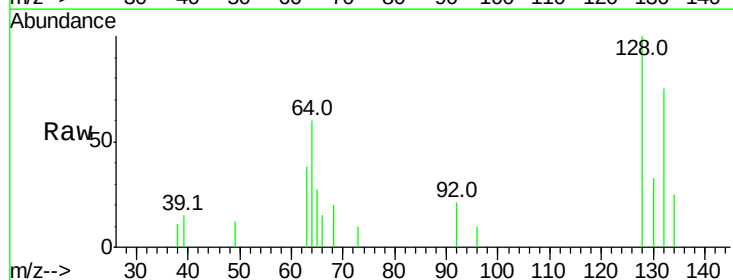
RT: 6.49 min Scan# 429

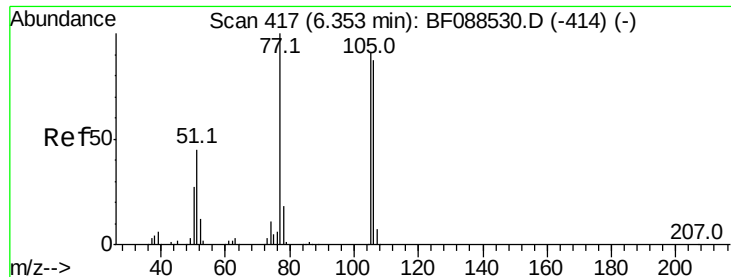
Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:	128	Resp:	3834
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.0	52.0
64	59.9	30.8	70.8





#9

Benzaldehyde

Concen: 0.61 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

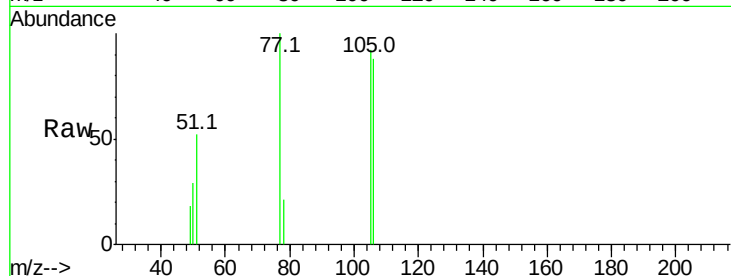
ClientSampleId :

P001-DS001-01MSD

Manual Integrations

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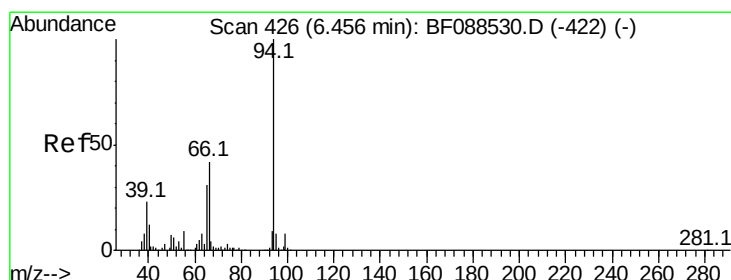
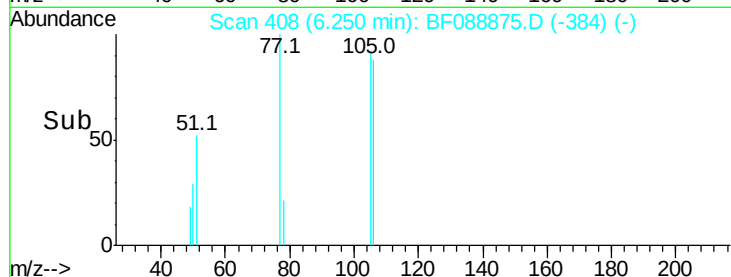
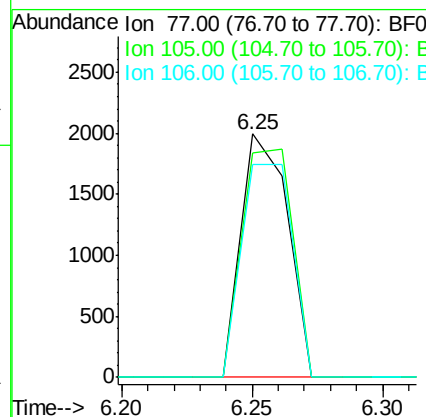
Tot Ion: 77 Resp: 2501

Ion Ratio Lower Upper

77 100

105 92.3 90.6 130.6

106 87.6 85.3 125.3



#10

Phenol

Concen: 0.73 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

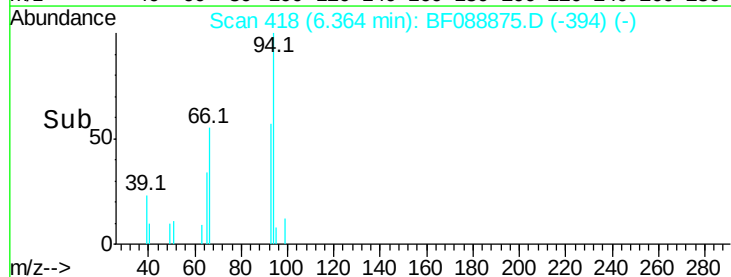
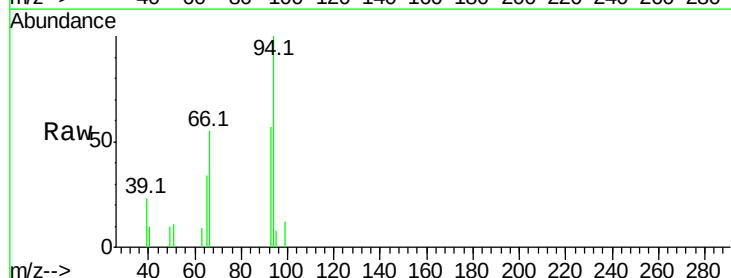
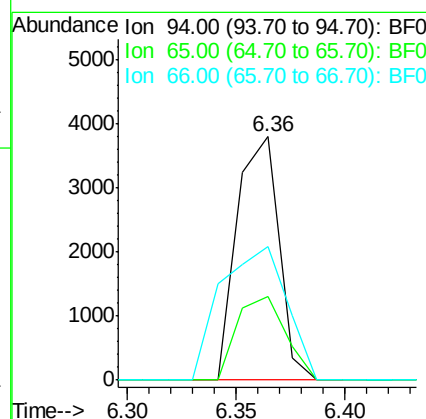
Tgt Ion: 94 Resp: 5057

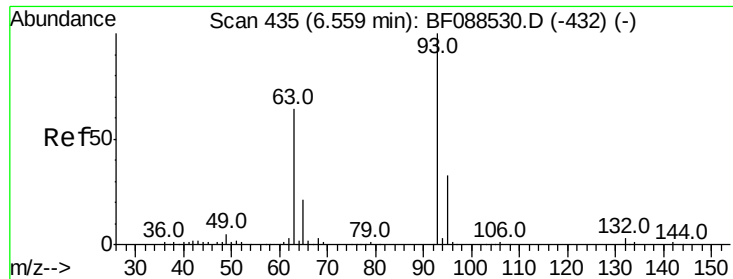
Ion Ratio Lower Upper

94 100

65 34.4 5.9 45.9

66 54.8 14.0 54.0#





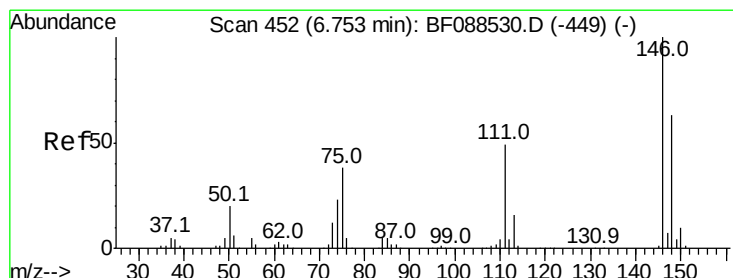
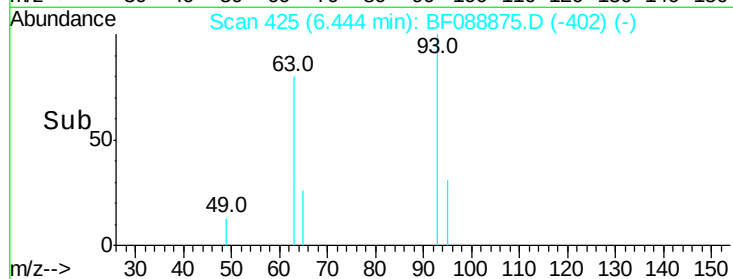
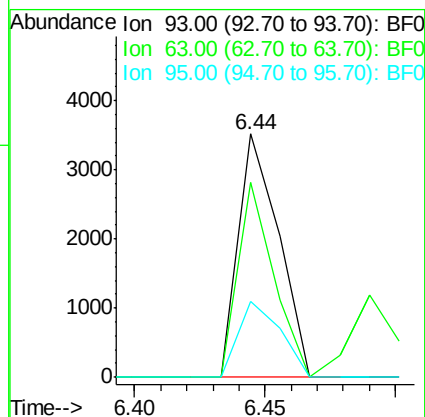
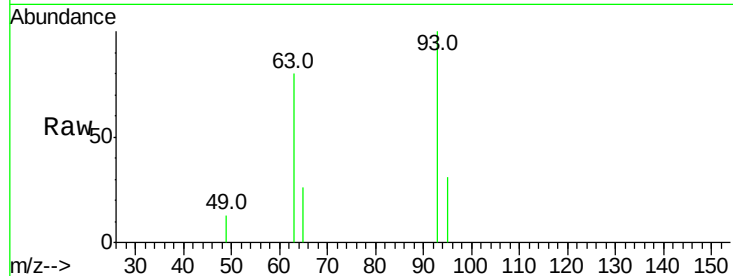
#11
bis(2-Chloroethyl)ether
Concen: 0.73 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion: 93 Resp: 3810
Ion Ratio Lower Upper
93 100
63 80.1 67.6 107.6
95 31.0 12.5 52.5

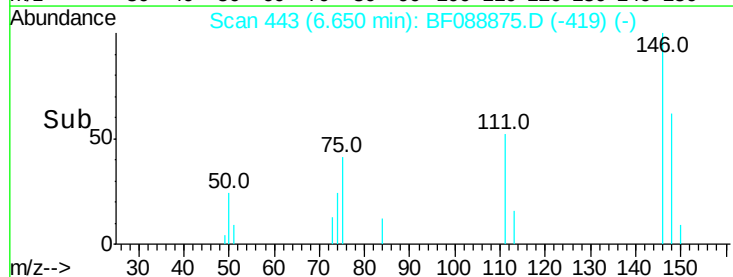
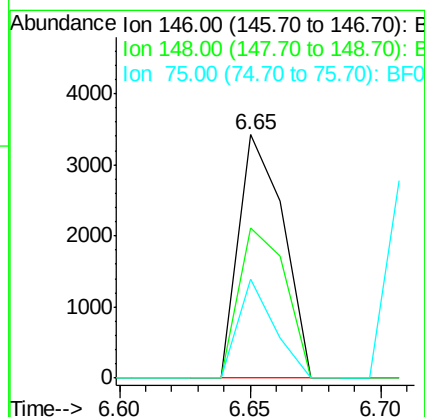
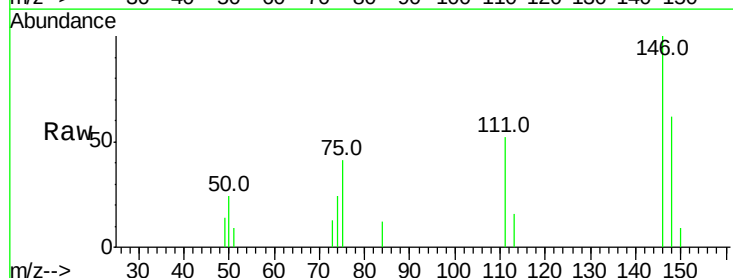
Manual Integrations

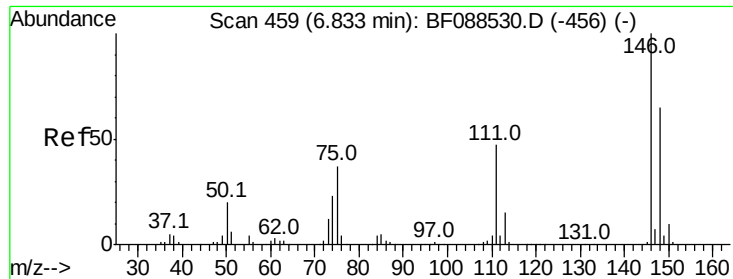
sohil
7/11/2016 8:07:28 PM



#12
1,3-Dichlorobenzene
Concen: 0.73 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion: 146 Resp: 4062
Ion Ratio Lower Upper
146 100
148 61.7 50.9 76.3
75 40.8 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 0.73 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

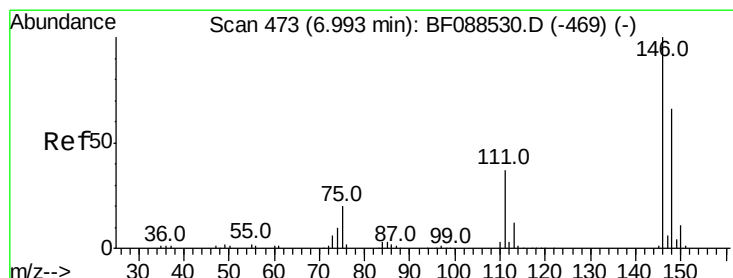
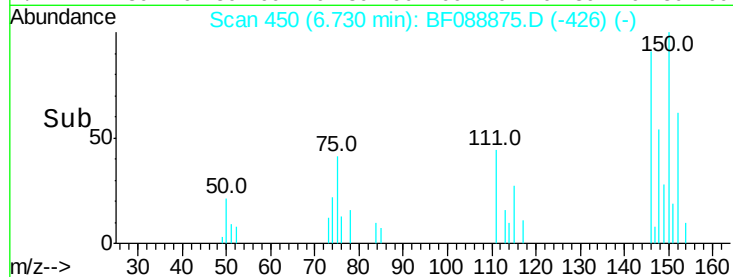
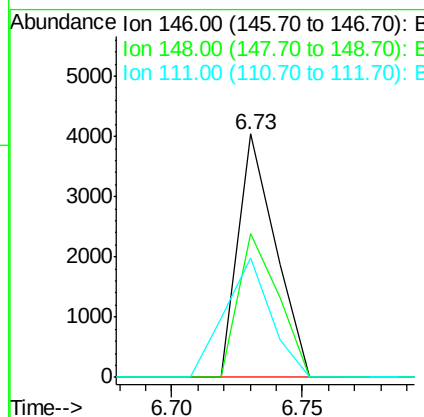
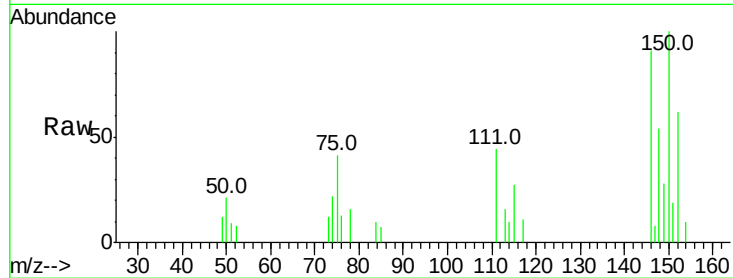
P001-DS001-01MSD

Tot Ion:	146	Resp:	4065
Ion	Ratio	Lower	Upper
146	100		
148	59.0	52.0	78.0
111	48.8	33.8	50.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 0.81 ng

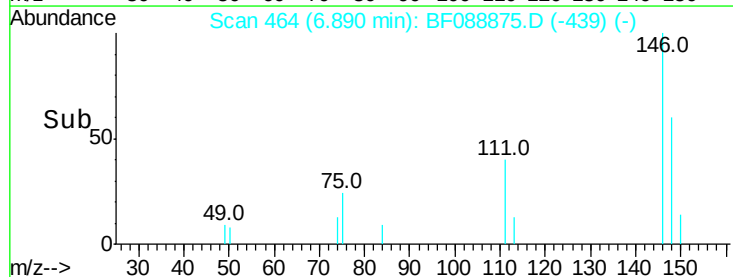
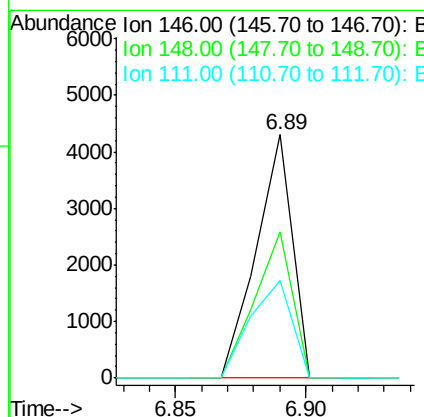
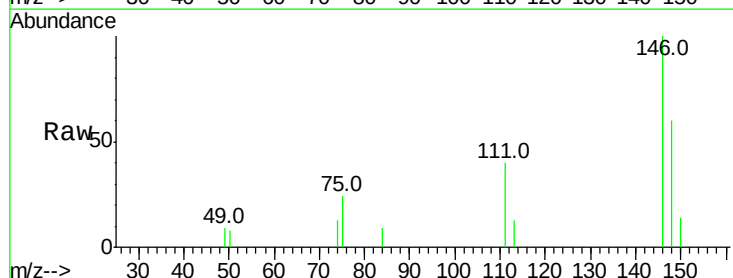
RT: 6.89 min Scan# 464

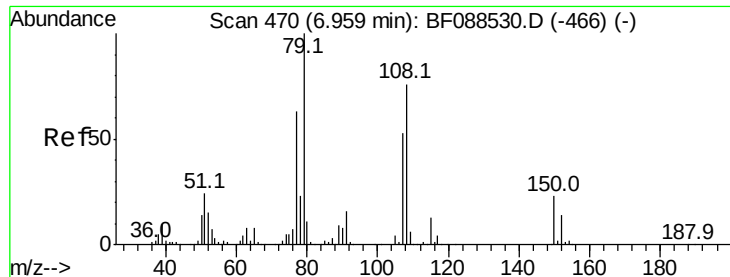
Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:	146	Resp:	4181
Ion	Ratio	Lower	Upper
146	100		
148	60.1	52.3	78.5
111	40.2	28.7	43.1





#15

Benzyl Alcohol

Concen: 0.76 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion: 79 Resp: 3410

Ion Ratio Lower Upper

79 100

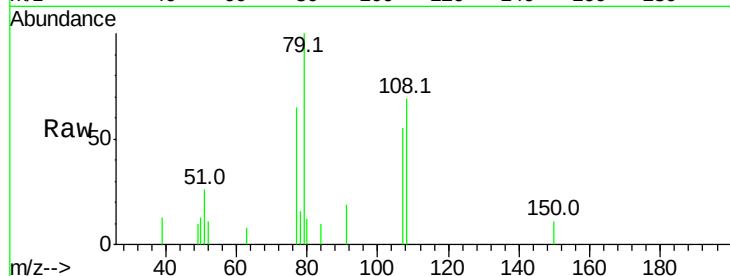
108 69.3 65.0 97.6

77 64.8 50.3 75.5

Manual Integrations

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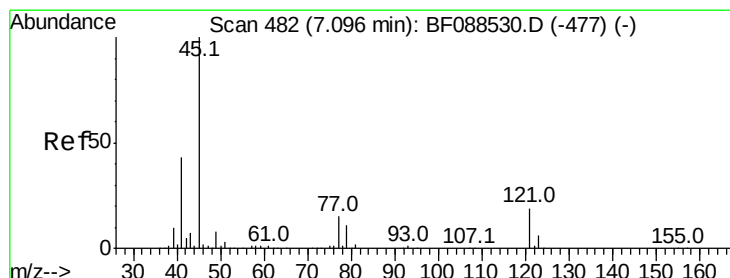
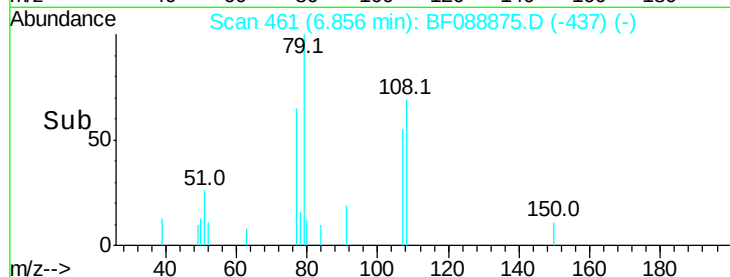
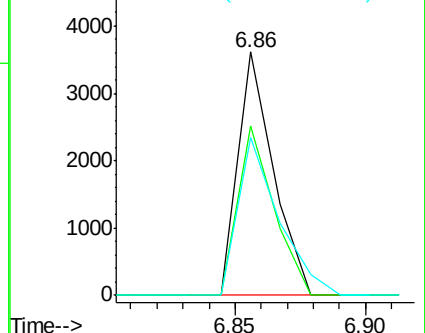
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.62 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

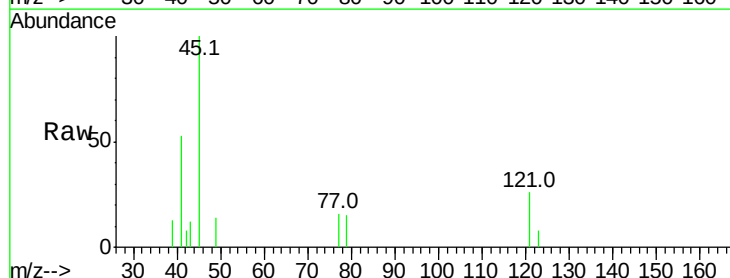
Tgt Ion: 45 Resp: 4686

Ion Ratio Lower Upper

45 100

77 16.2 0.0 32.5

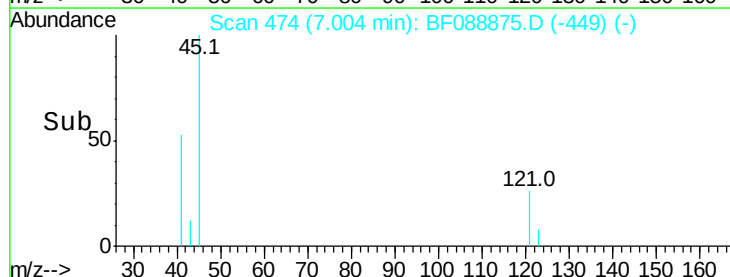
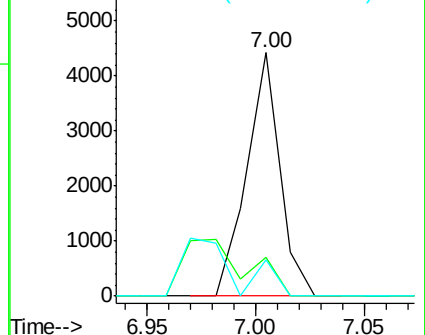
79 14.7 0.0 29.5

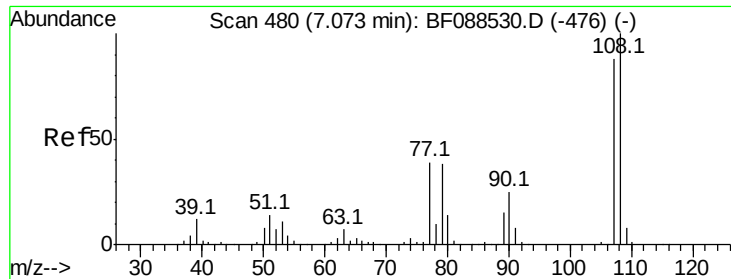


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 0.72 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion:107 Resp: 2966

Ion Ratio Lower Upper

107 100

108 123.5 90.9 136.3

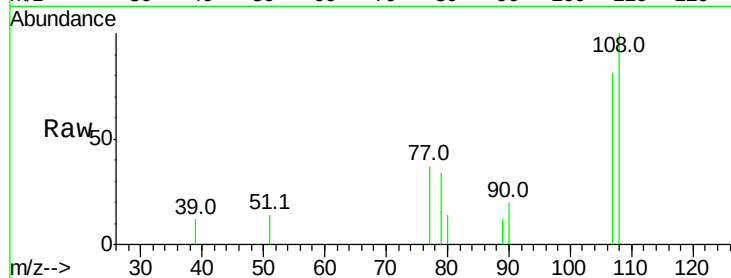
77 45.2 36.6 55.0

79 42.2 36.5 54.7

Manual Integrations

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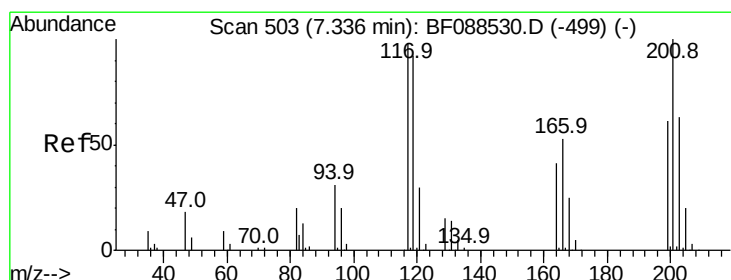
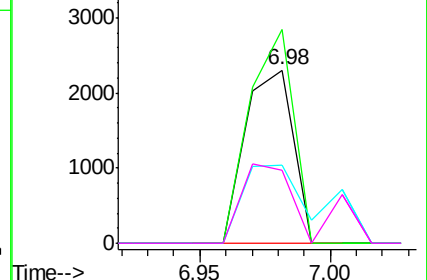
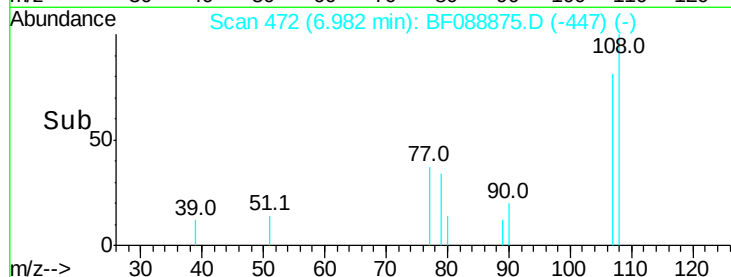


Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.74 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

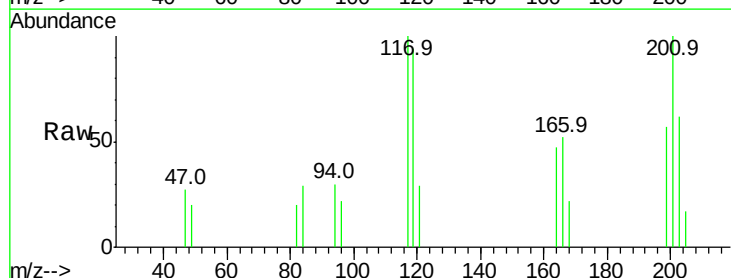
Tgt Ion:117 Resp: 1597

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.2

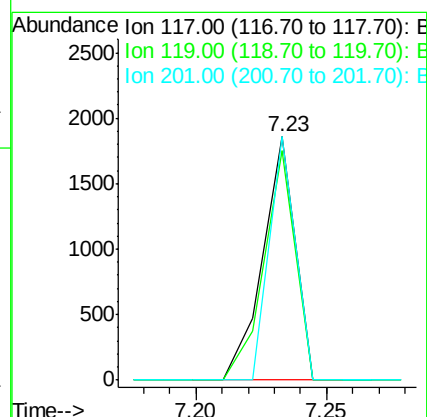
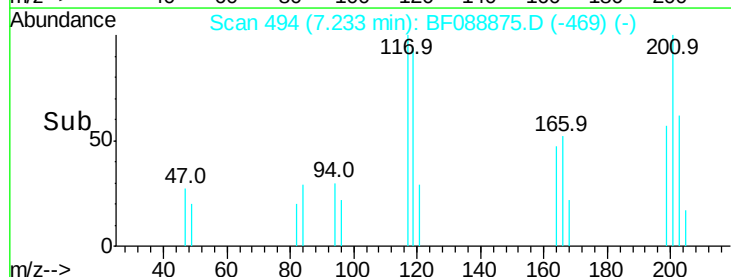
201 99.9 80.4 120.6

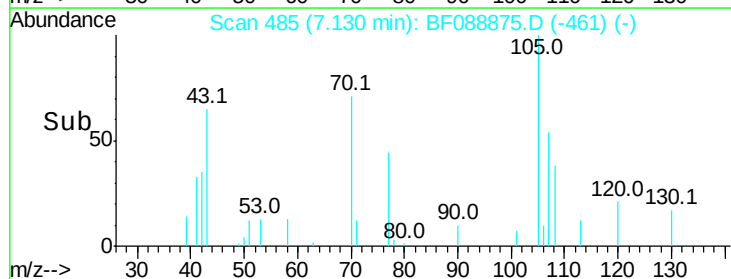
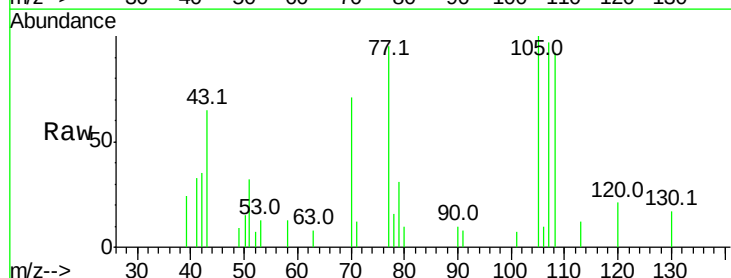
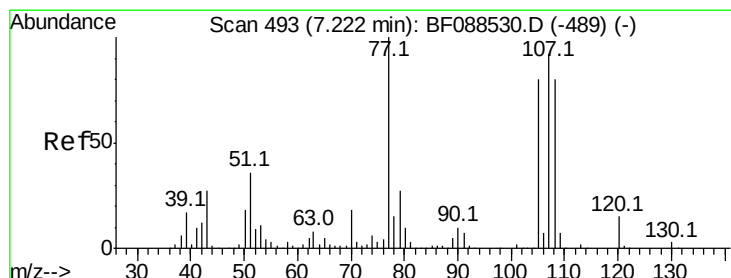
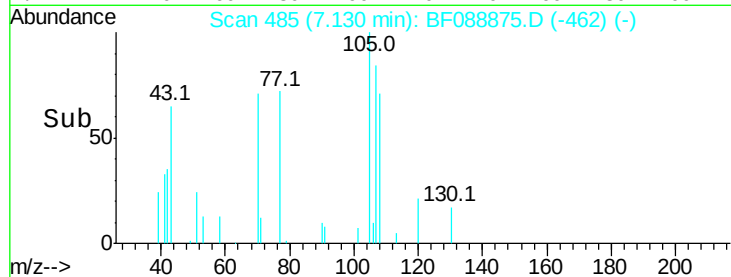
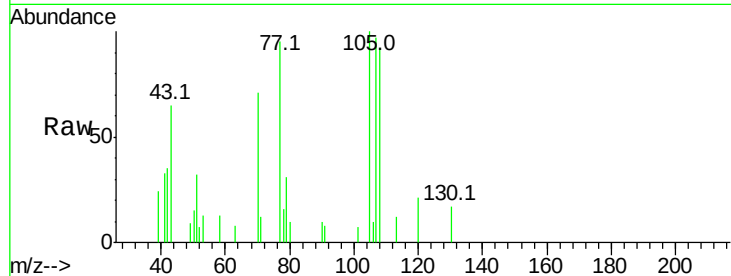
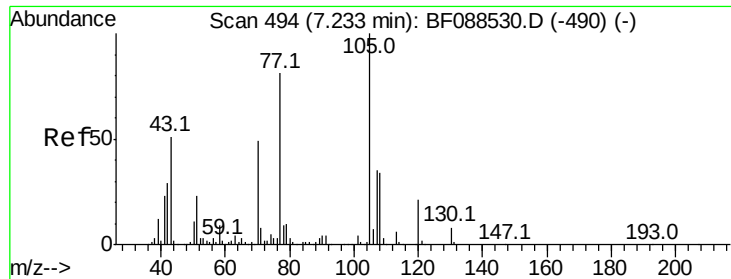


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

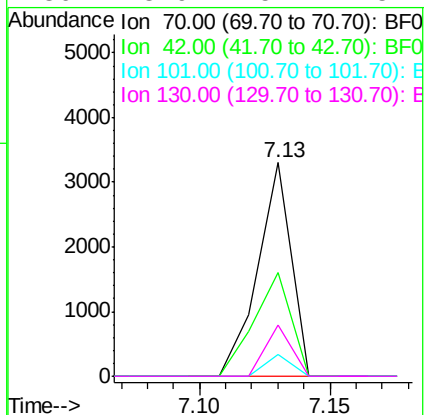




#19
n-Nitroso-di-n-propylamine
Concen: 0.71 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion: 70 Resp: 2912
Ion Ratio Lower Upper
70 100
42 48.8 49.6 74.4#
101 10.1 7.1 10.7
130 23.9 15.4 23.2#

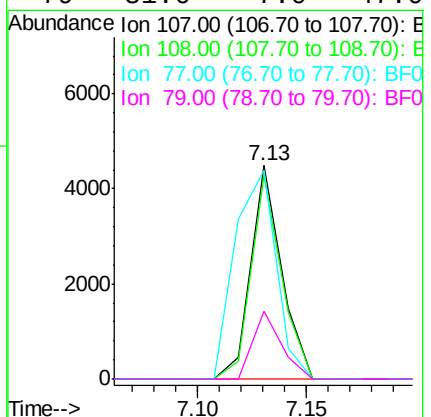


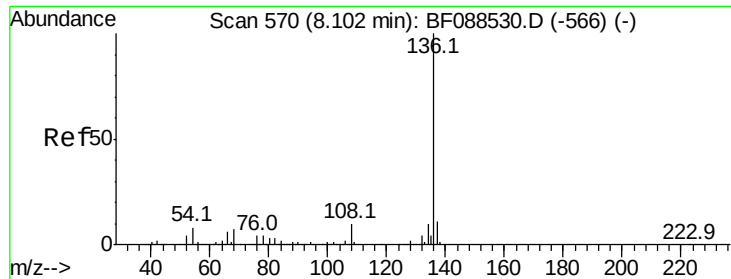
Manual Integrations

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#20
3+4-Methylphenols
Concen: 0.89 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:107 Resp: 4412
Ion Ratio Lower Upper
107 100
108 95.0 67.8 107.8
77 97.8 59.3 99.3
79 31.6 7.0 47.0





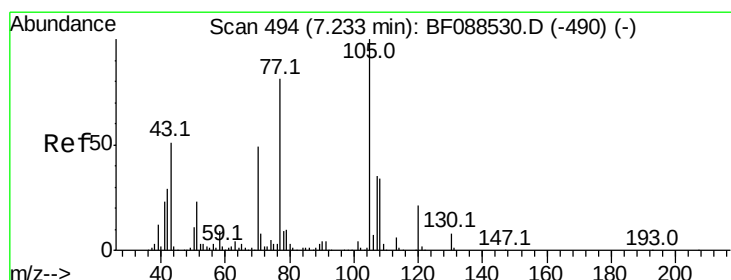
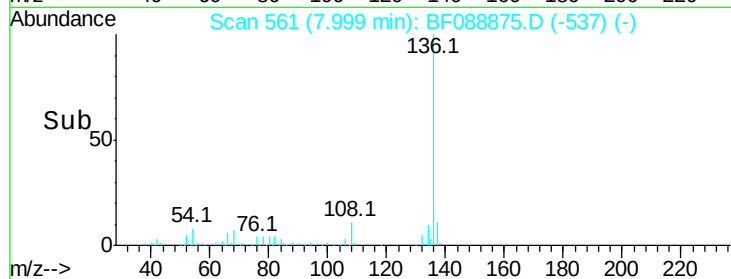
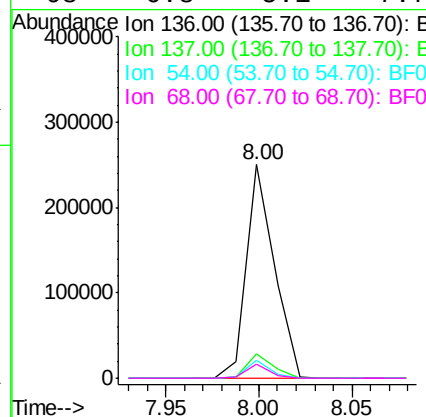
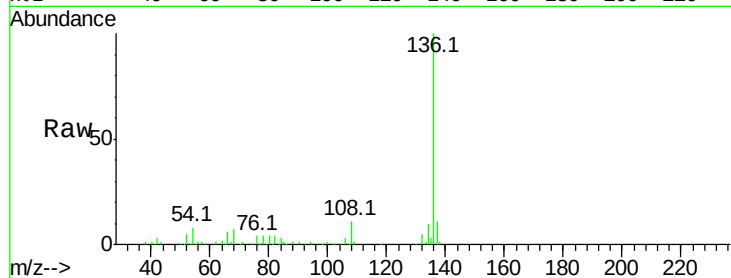
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	259372		
137	11.2		9.1	13.7
54	8.4		6.6	10.0
68	6.8		5.1	7.7

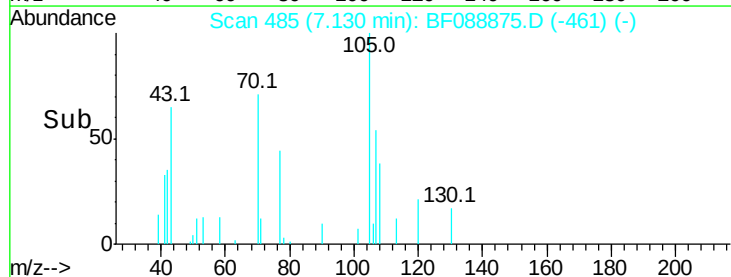
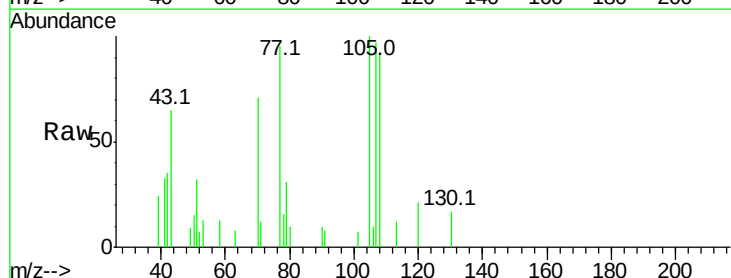
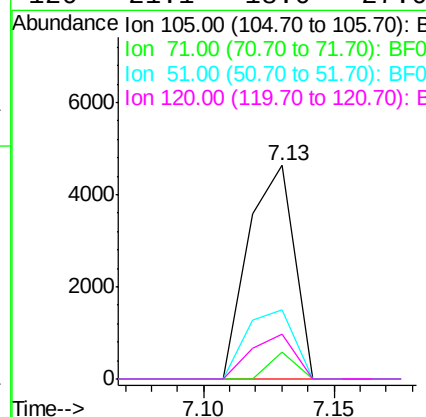
Manual Integrations

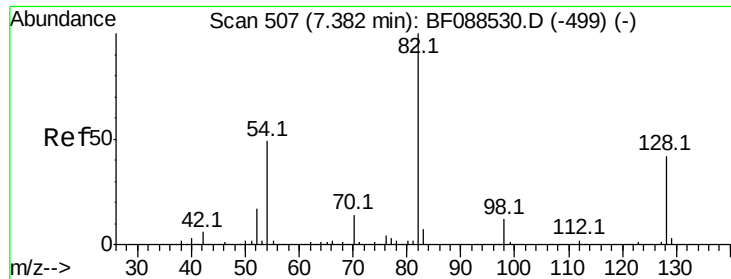
sohil
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#22
Acetophenone
Concen: 0.90 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	5635		
71	12.4		5.3	7.9#
51	32.2		18.2	27.4#
120	21.1		18.0	27.0





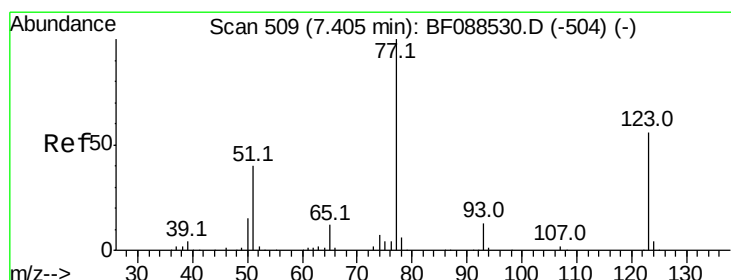
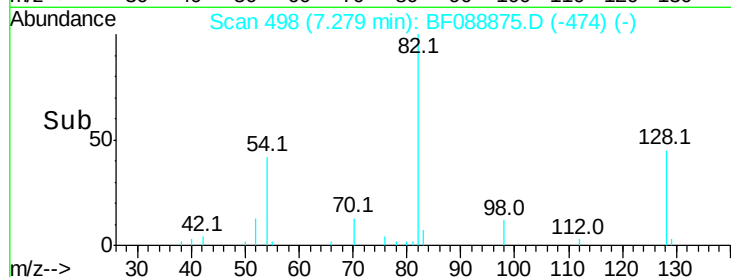
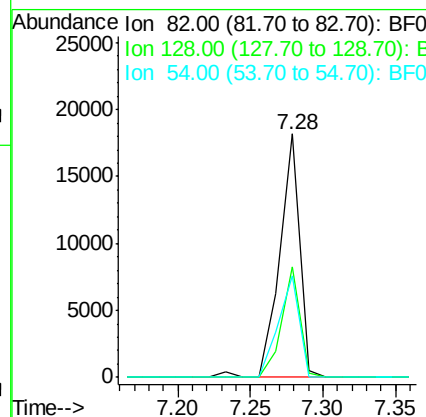
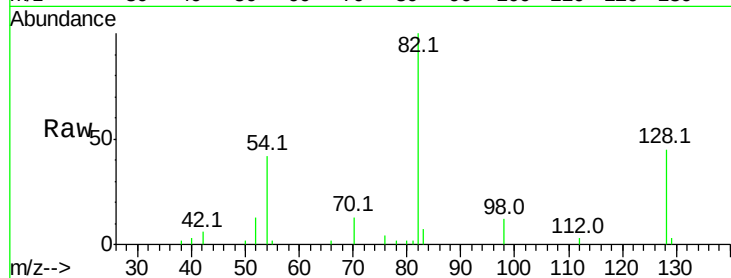
#23
 Nitrobenzene-d5
 Concen: 3.52 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion	82	Resp	17420
Ion Ratio	100	Lower	Upper
82	100		
128	45.4	35.9	53.9
54	41.5	40.9	61.3

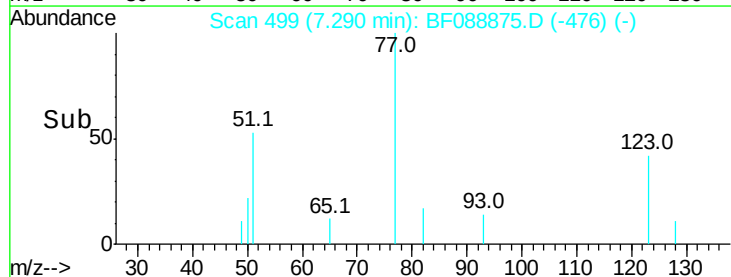
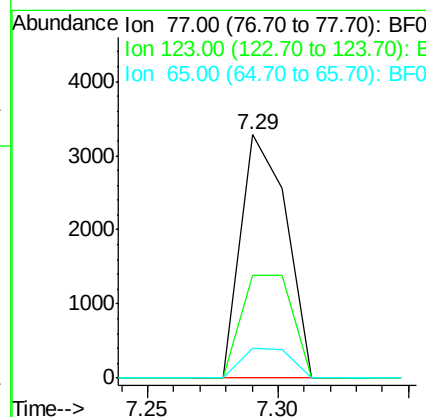
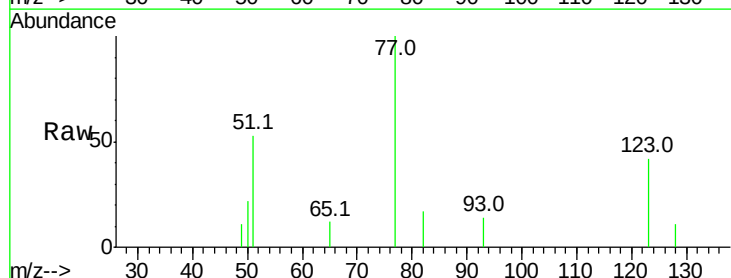
Manual Integrations

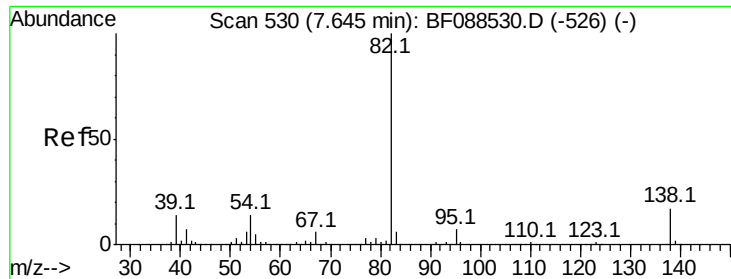
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#24
 Nitrobenzene
 Concen: 0.80 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	77	Resp	4008
Ion Ratio	100	Lower	Upper
77	100		
123	42.2	45.0	67.4#
65	12.3	10.2	15.2





#25

Isophorone

Concen: 0.79 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

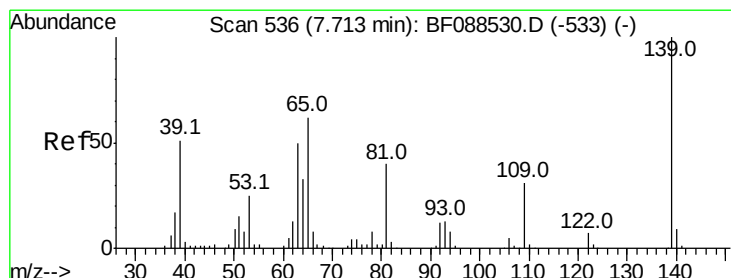
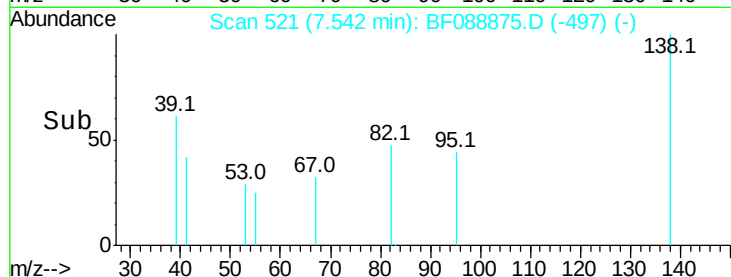
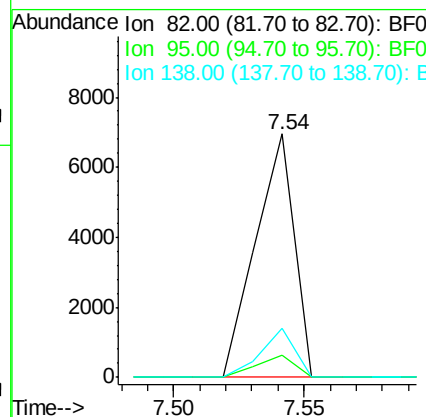
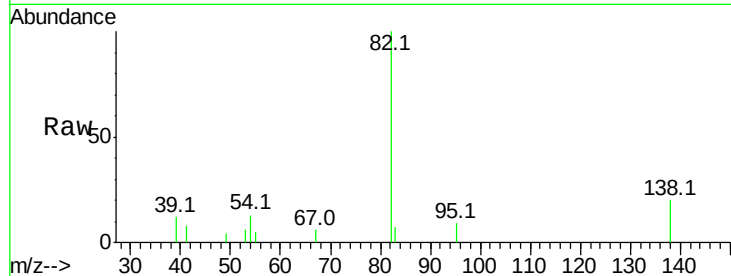
P001-DS001-01MSD

Tot Ion:	82	Resp:	7219
Ion Ratio	Lower	Upper	
82	100		
95	8.9	5.4	8.2#
138	20.4	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 0.79 ng

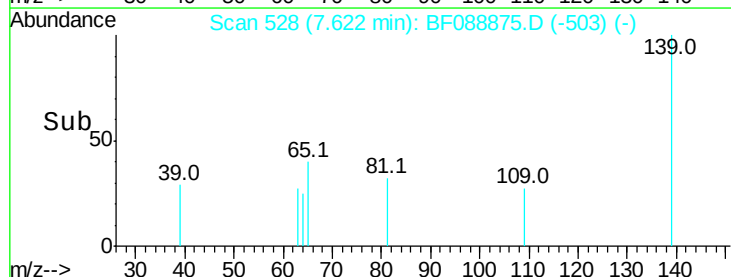
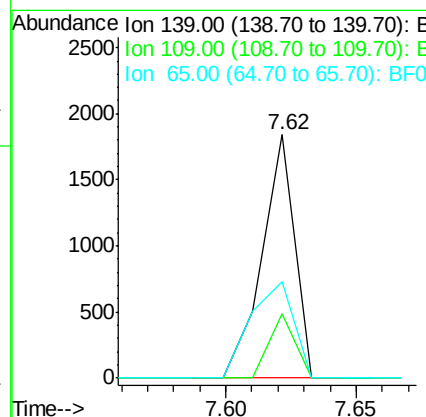
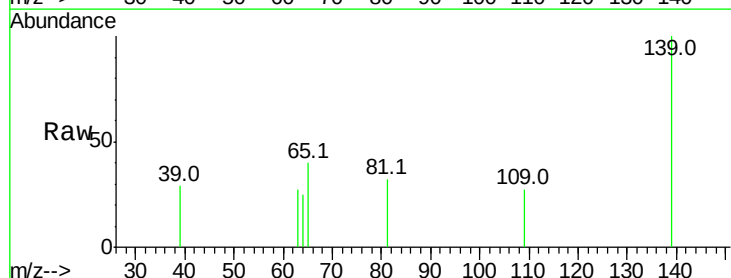
RT: 7.62 min Scan# 528

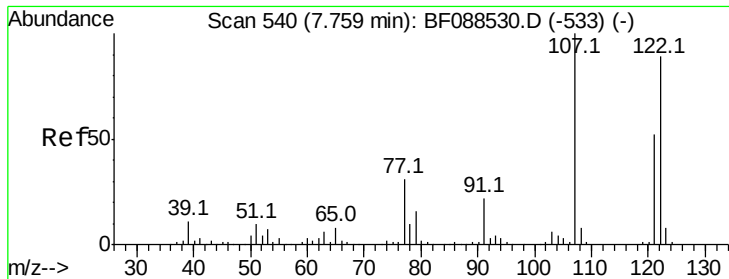
Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:	139	Resp:	1614
Ion Ratio	Lower	Upper	
139	100		
109	26.7	23.0	34.4
65	39.6	45.8	68.8#





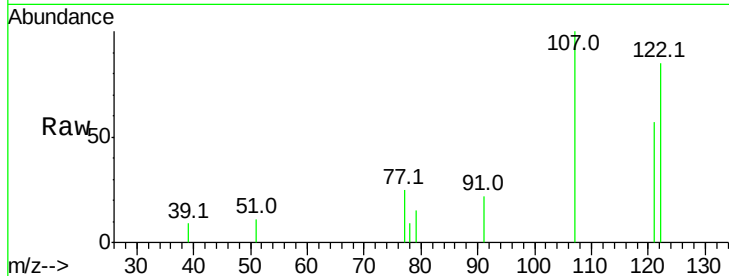
#27
 2,4-Dimethylphenol
 Concen: 0.74 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

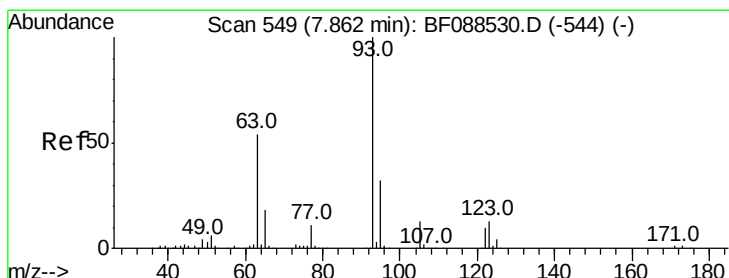
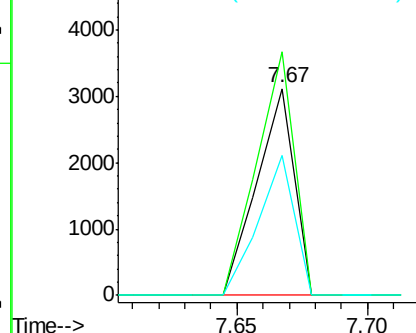
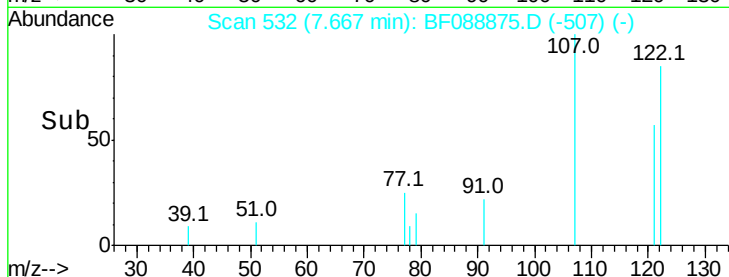
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	82.4	123.6
121	67.4	46.3	69.5

Manual Integrations

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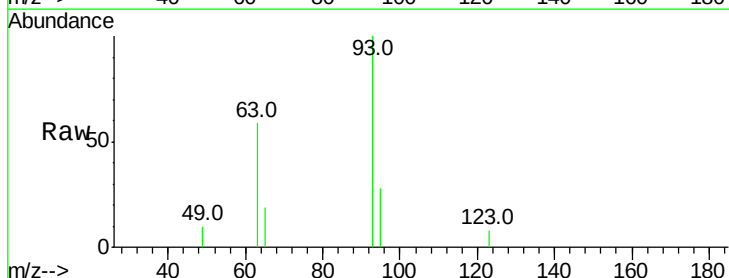


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

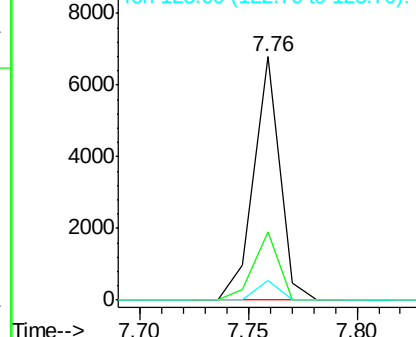
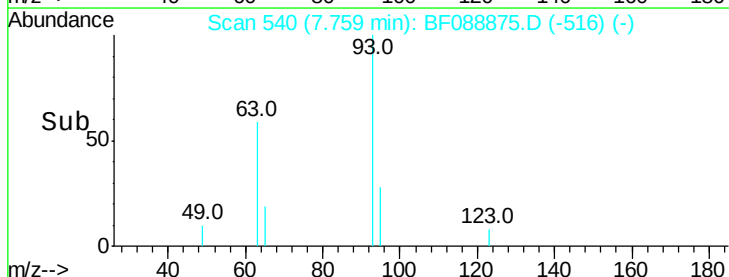


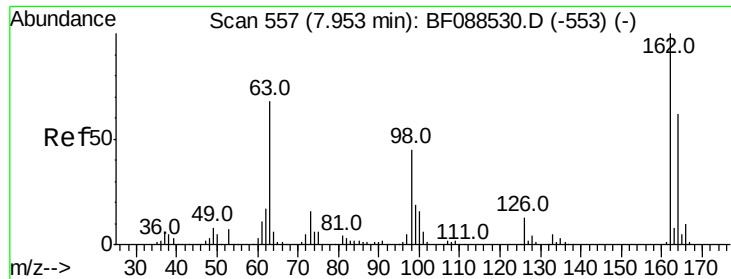
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.95 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.2	26.5	39.7
123	8.1	11.6	17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





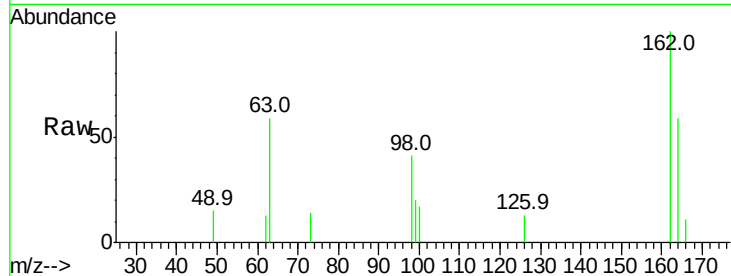
#29
 2,4-Dichlorophenol
 Concen: 0.82 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

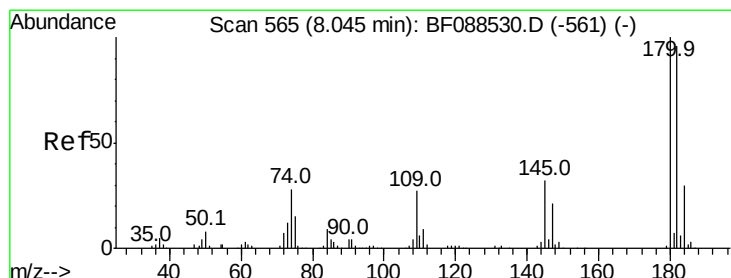
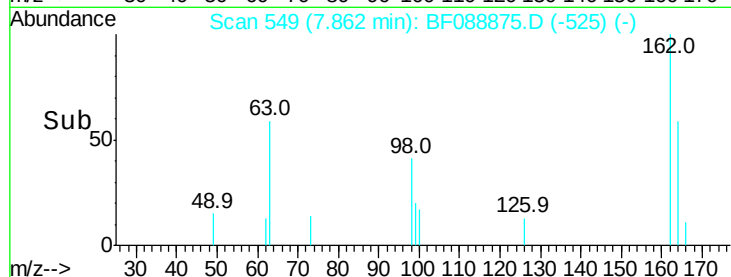
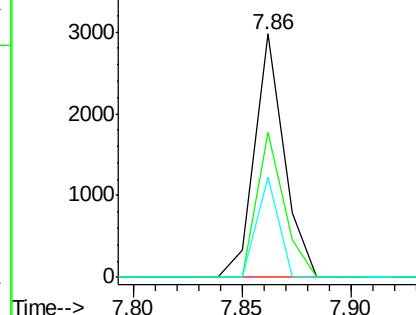
Tot Ion:	162	Resp:	2813
Ion Ratio	Lower	Upper	
162	100		
164	59.4	43.8	83.8
98	41.2	21.3	61.3

Manual Integrations

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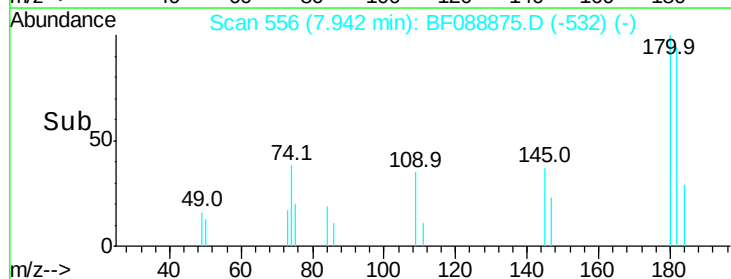
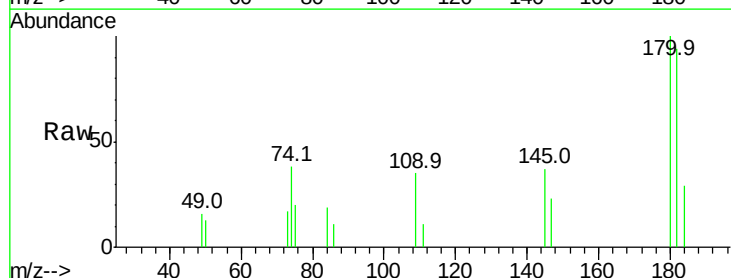
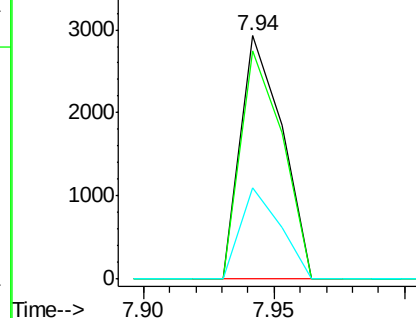
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

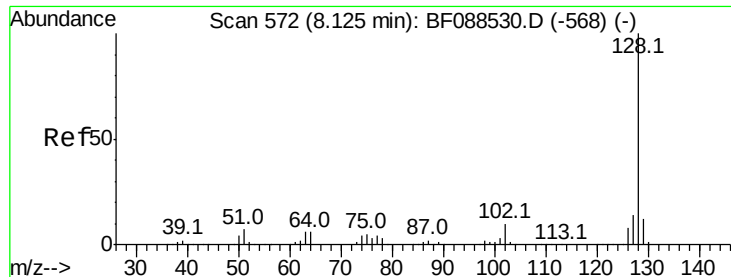


#30
 1,2,4-Trichlorobenzene
 Concen: 0.87 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:	180	Resp:	3280
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.0	114.0
145	37.3	26.5	39.7

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





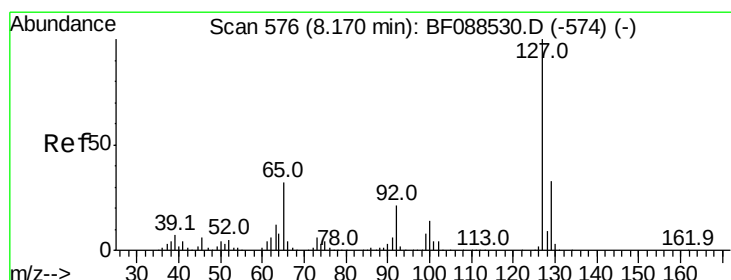
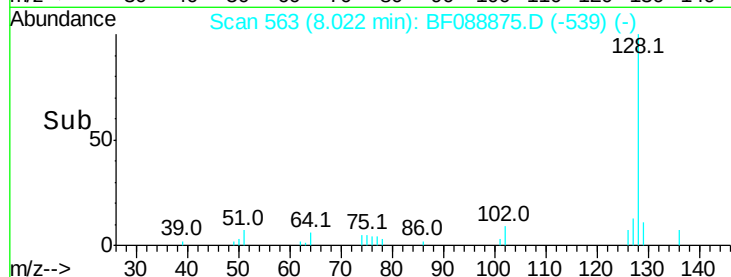
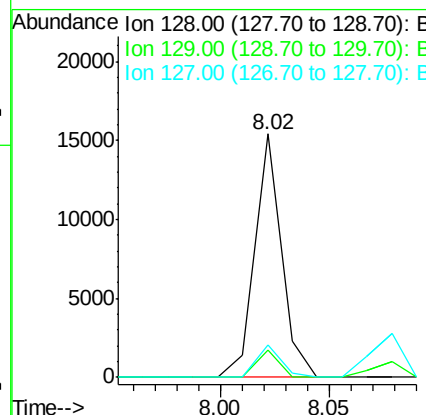
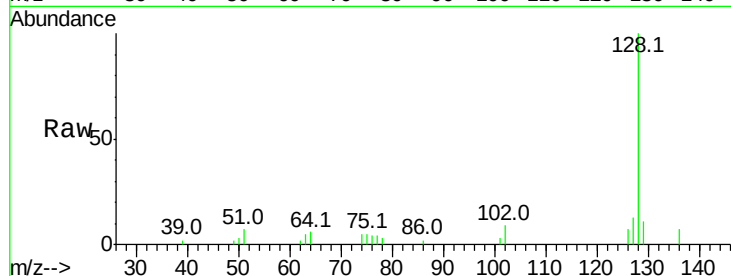
#31
Naphthalene
Concen: 1.03 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.3	10.9	16.3

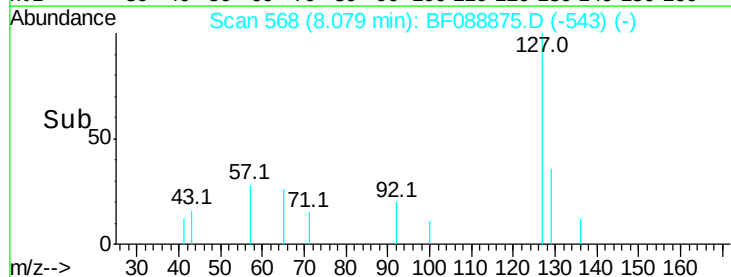
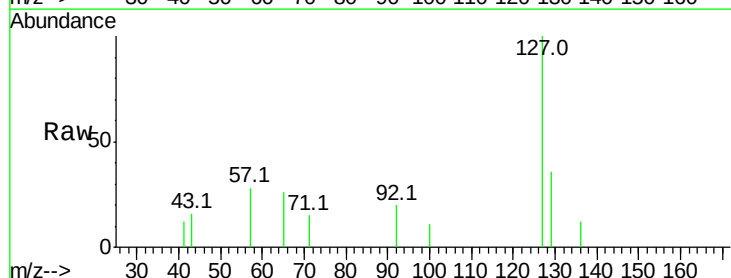
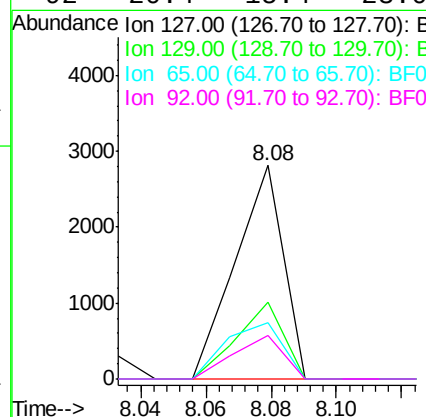
Manual Integrations

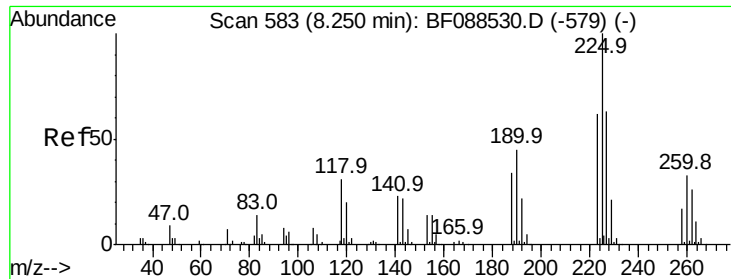
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#33
4-Chloroaniline
Concen: 0.50 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.1	26.3	39.5
65	26.2	24.7	37.1
92	20.4	15.4	23.0





#34

Hexachlorobutadiene

Concen: 0.89 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

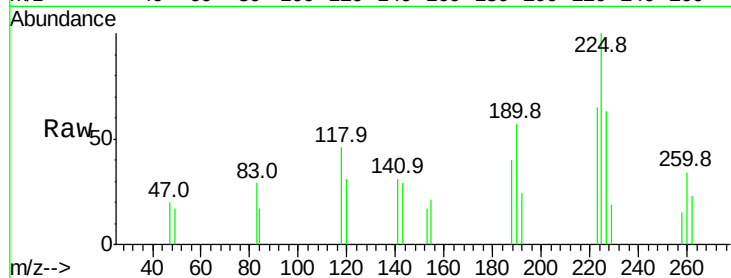
P001-DS001-01MSD

Tot Ion:	225	Resp:	1809
Ion Ratio	Lower	Upper	
225	100		
223	65.1	50.9	76.3
227	62.5	51.9	77.9

Manual Integrations

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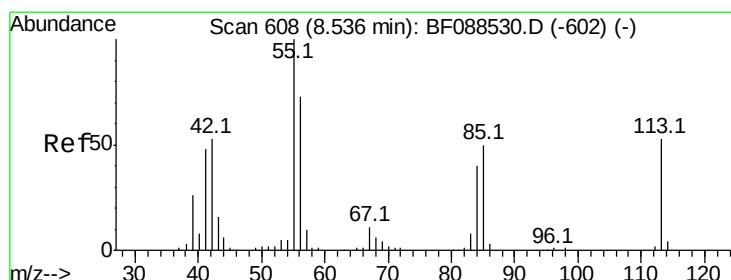
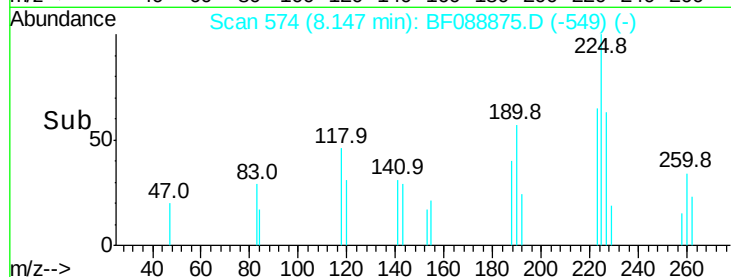
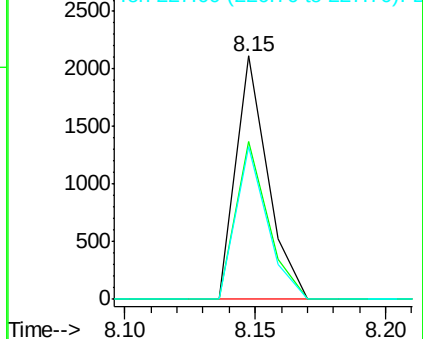
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.58 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.08 min

Lab File: BF088875.D

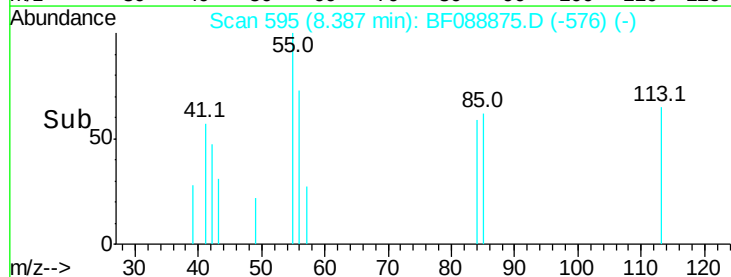
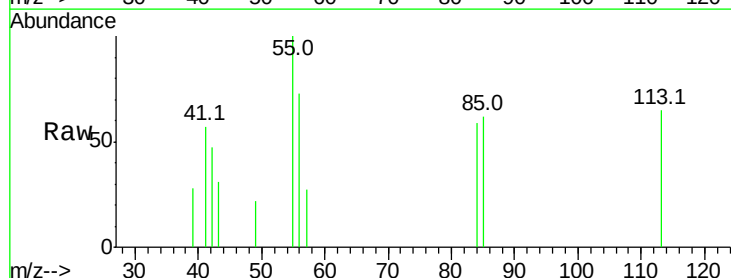
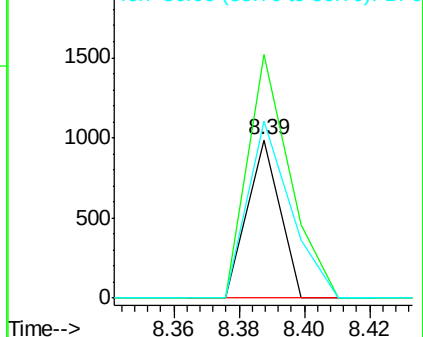
Acq: 9 Jul 2016 17:08

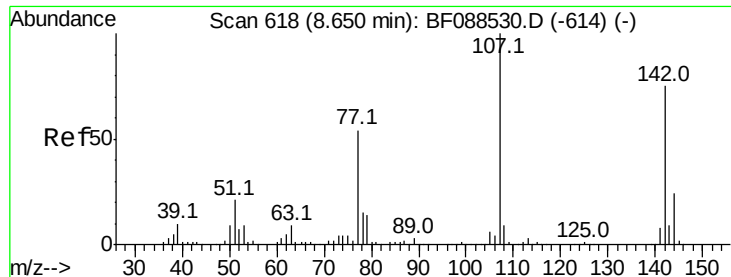
Tgt Ion:	113	Resp:	676
Ion Ratio	Lower	Upper	
113	100		
55	154.1	158.6	198.6#
56	112.3	110.6	150.6

Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 0.89 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion:107 Resp: 3638

Ion Ratio Lower Upper

107 100

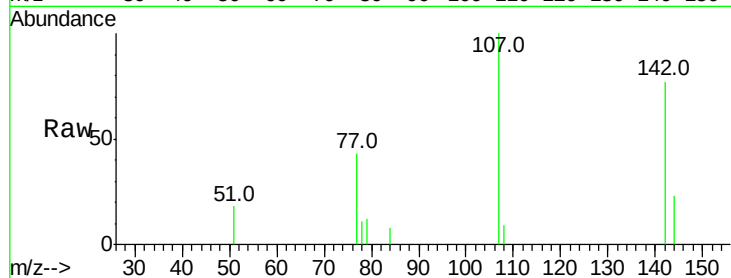
144 22.8 20.8 31.2

142 77.2 63.4 95.2

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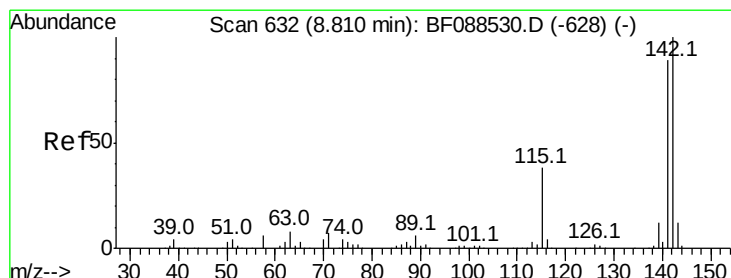
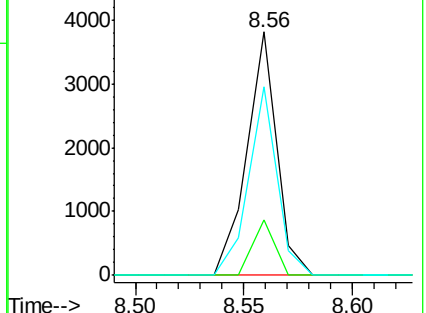
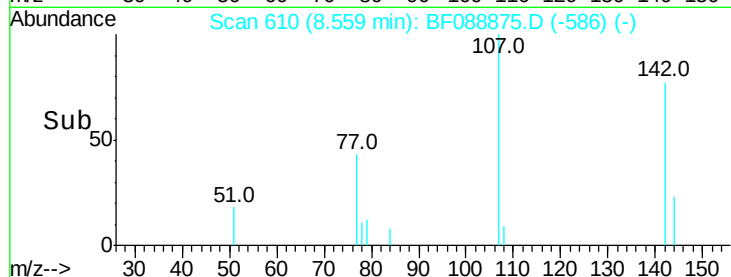
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Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 0.91 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

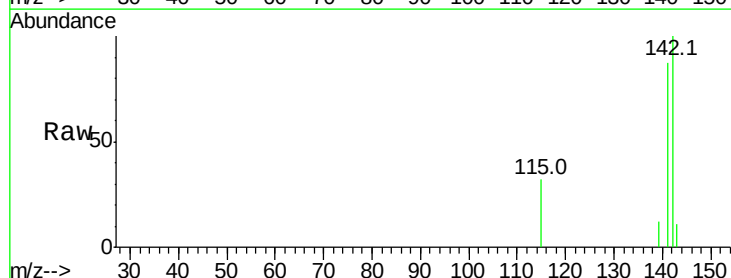
Tgt Ion:142 Resp: 7458

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6

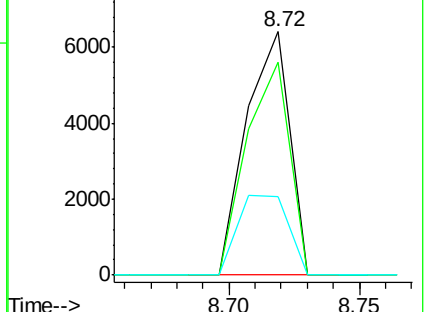
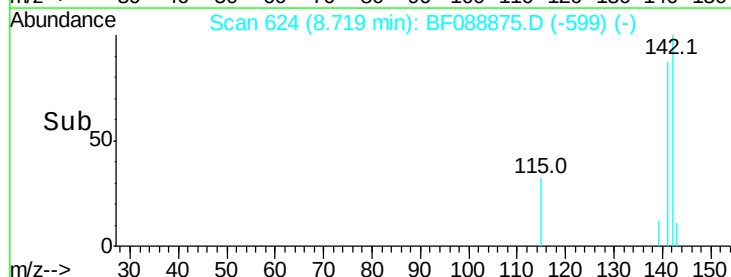
115 32.4 22.6 33.8

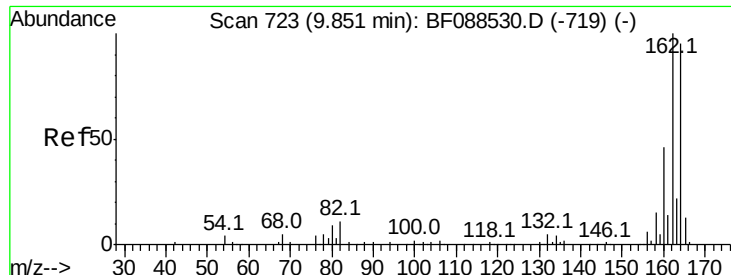


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





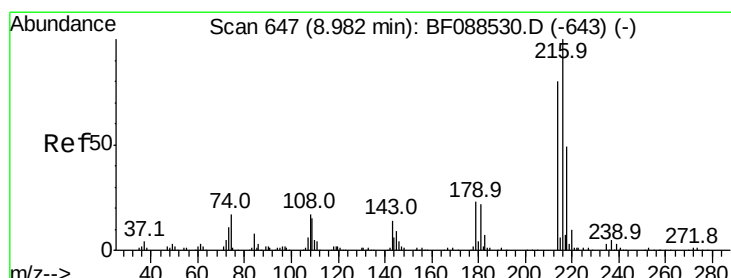
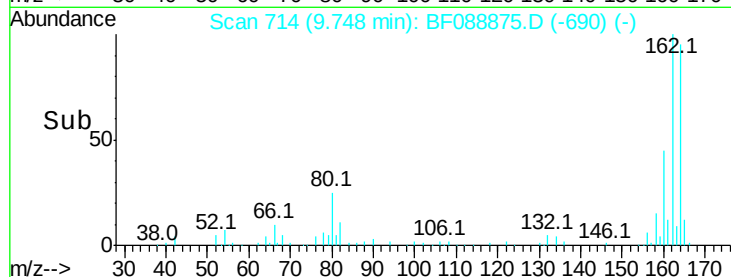
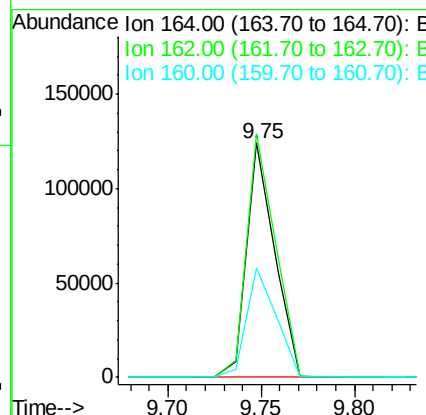
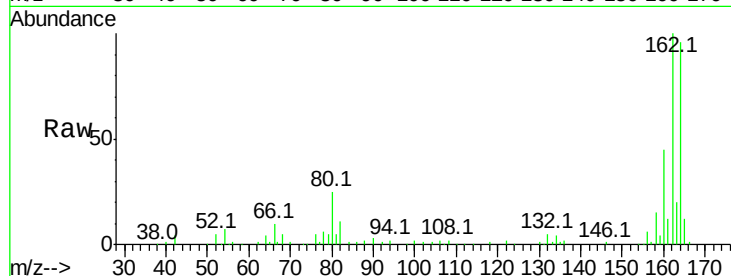
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	46.7	39.5	59.3

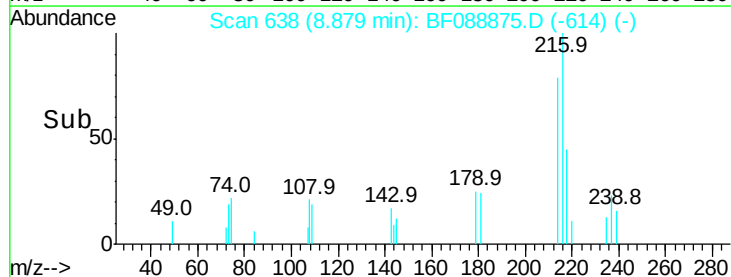
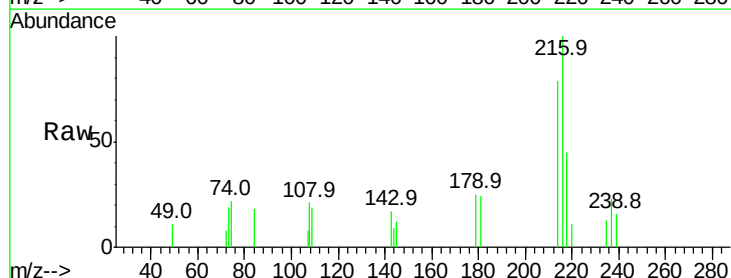
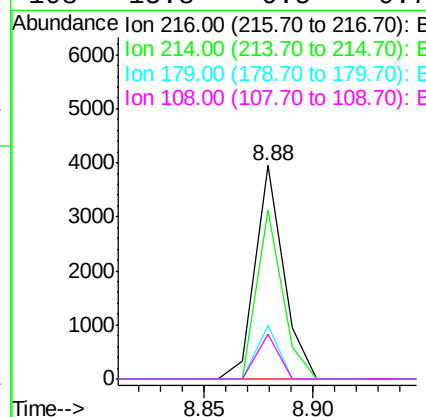
Manual Integrations

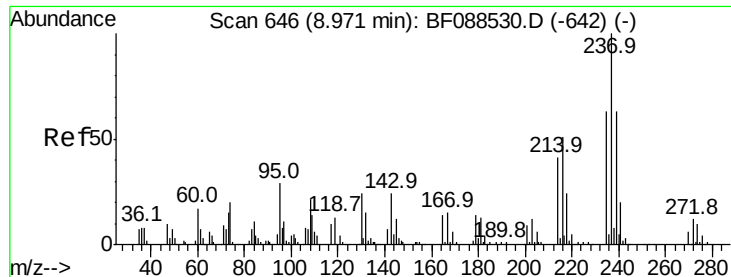
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.83 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	71.3	2.9	4.3#
179	19.2	0.0	0.0#
108	15.8	0.5	0.7#





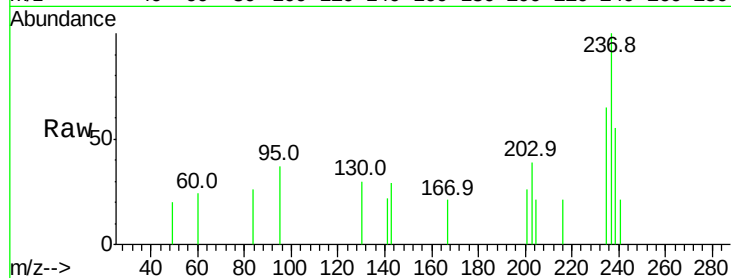
#40
Hexachlorocyclopentadiene
Concen: 0.80 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

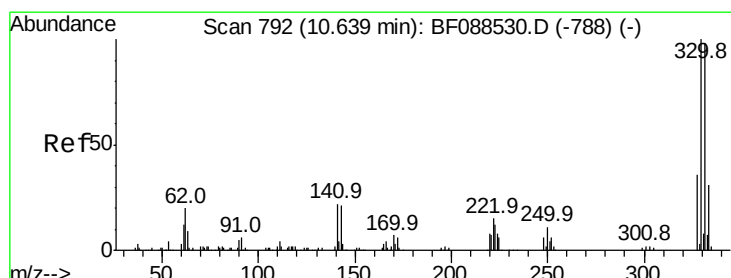
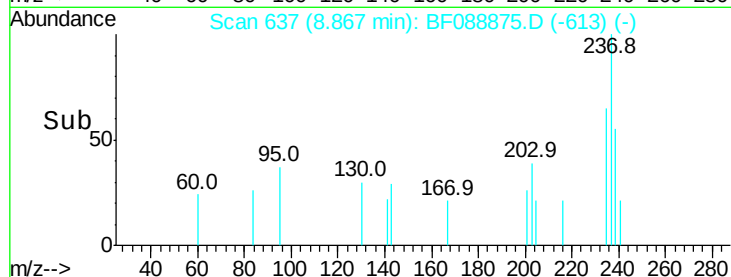
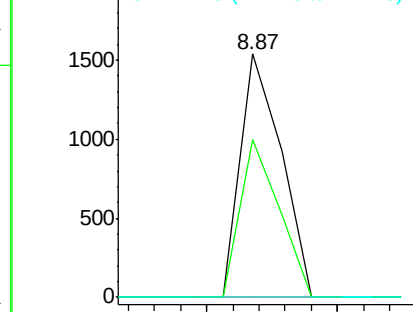
Tot Ion:237 Resp: 1690
Ion Ratio Lower Upper
237 100
235 64.7 43.4 83.4
272 0.0 0.0 32.3

Manual Integrations

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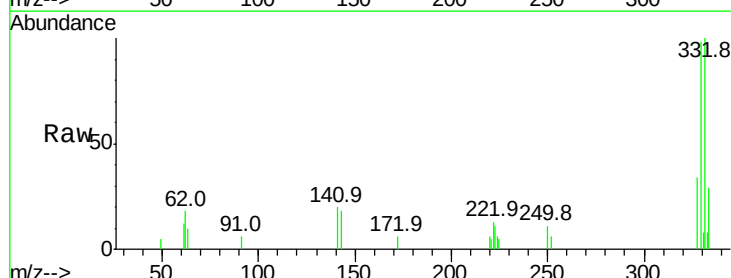


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

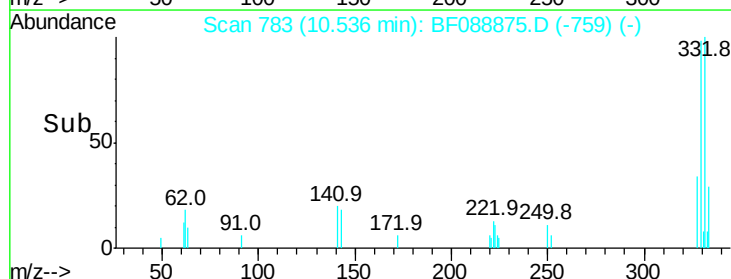
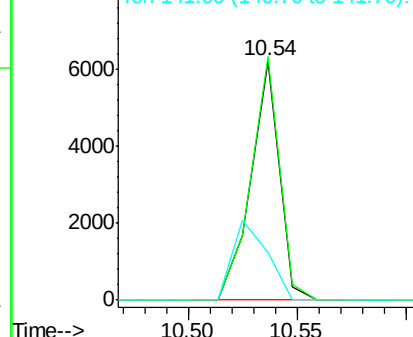


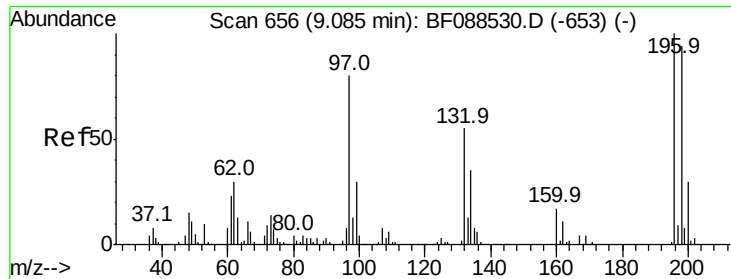
#41
2,4,6-Tribromophenol
Concen: 4.69 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:330 Resp: 5646
Ion Ratio Lower Upper
330 100
332 101.8 0.0 0.0#
141 40.0 0.0 0.0#



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





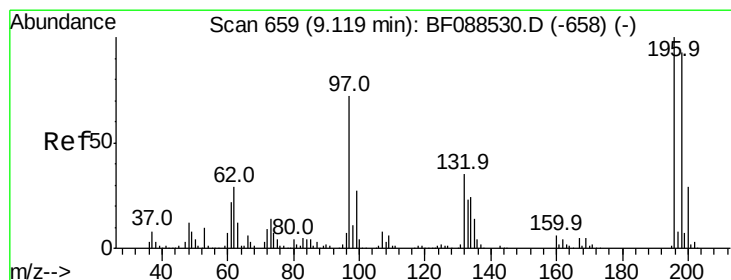
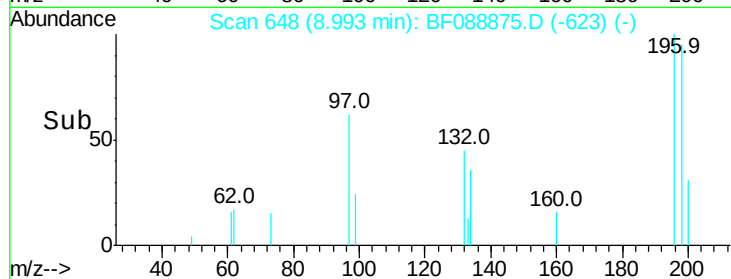
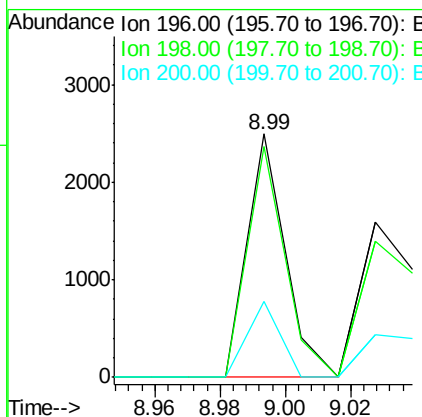
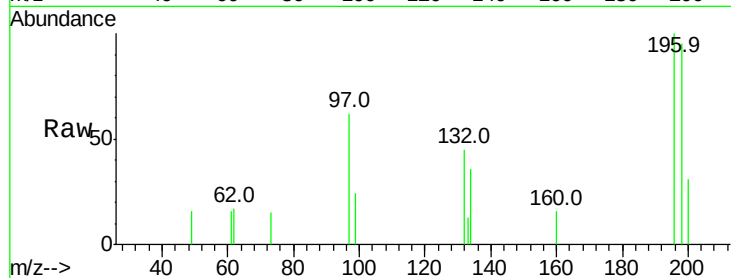
#42
 2,4,6-Trichlorophenol
 Concen: 0.70 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion	196	Resp	1996
Ion Ratio	100	Lower	Upper
196	100		
198	94.8	78.0	117.0
200	31.3	25.4	38.2

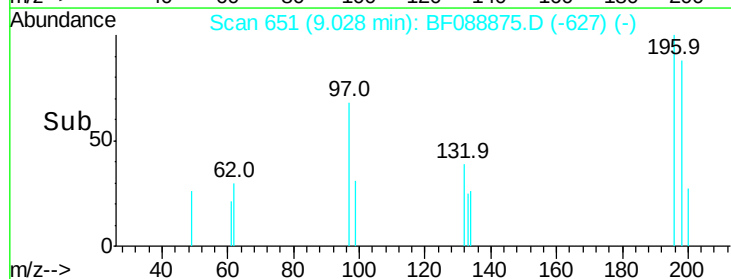
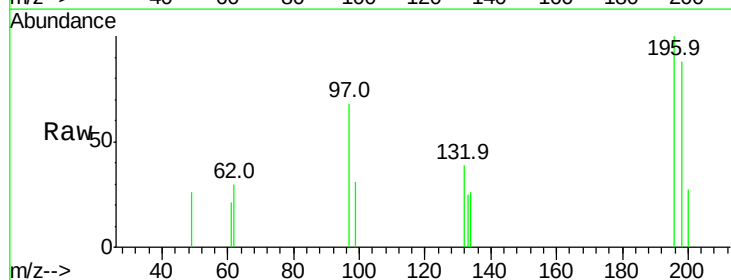
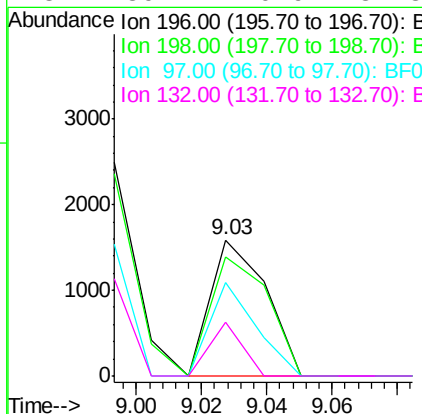
Manual Integrations

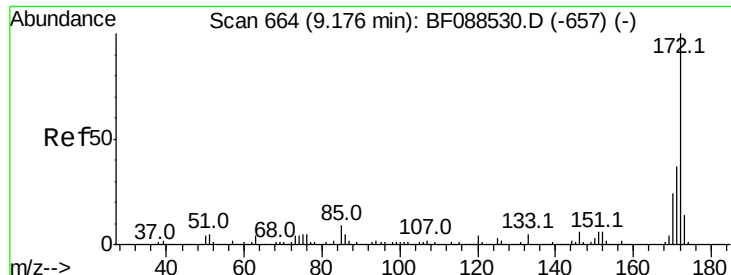
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#43
 2,4,5-Trichlorophenol
 Concen: 0.76 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	196	Resp	1847
Ion Ratio	100	Lower	Upper
196	100		
198	87.7	77.5	116.3
97	68.2	32.0	48.0#
132	39.2	20.9	31.3#





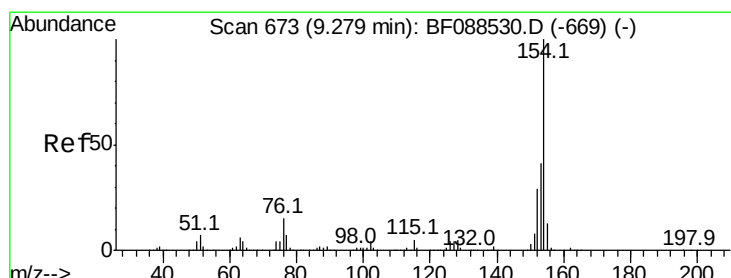
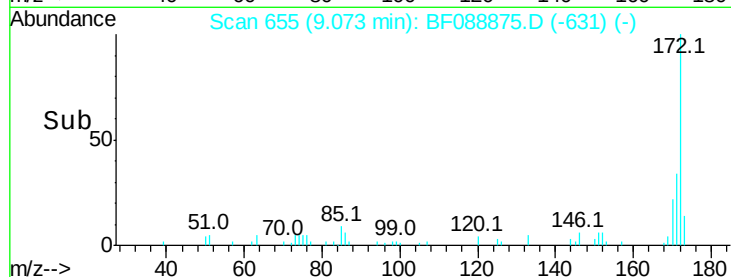
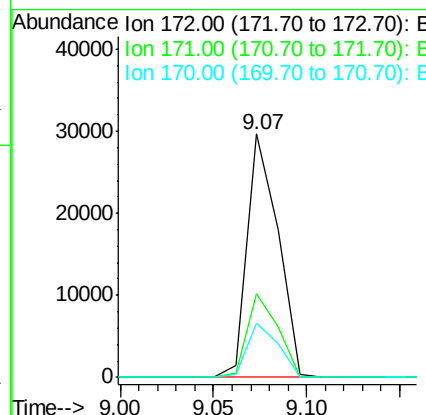
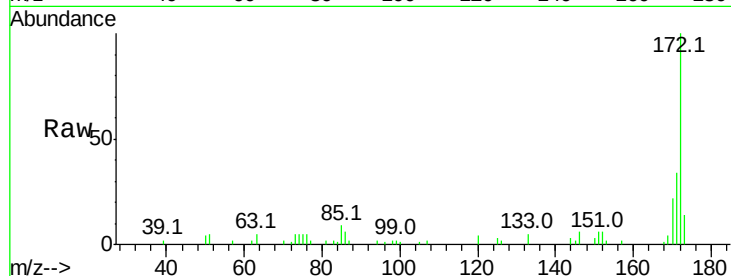
#44
2-Fluorobiphenyl
Concen: 4.15 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.3	19.2	28.8

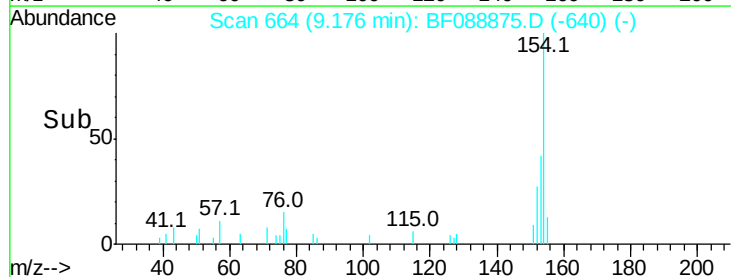
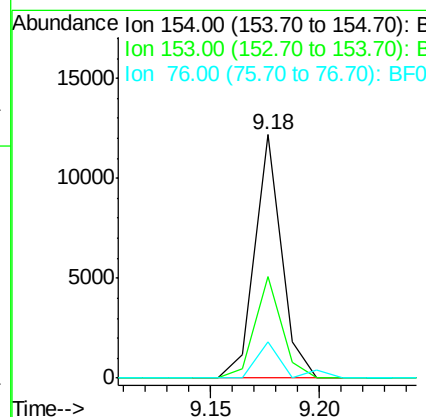
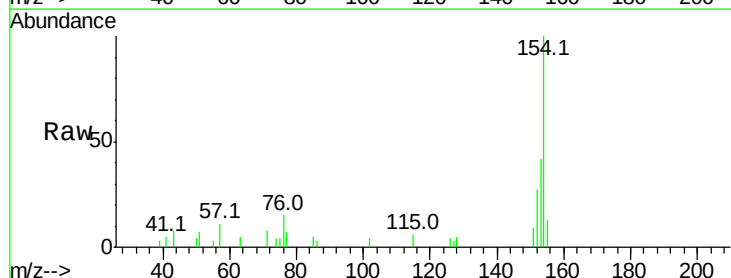
Manual Integrations

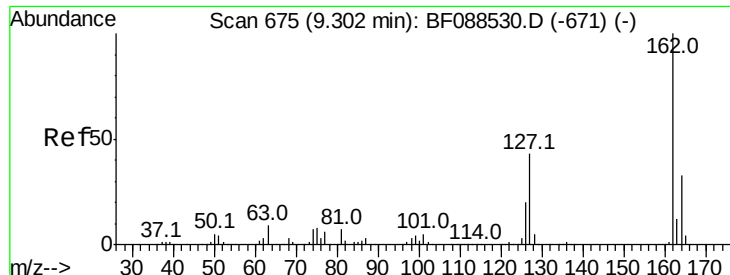
sohil
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#45
1,1'-Biphenyl
Concen: 0.97 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.6	60.6
76	14.9	0.0	35.1





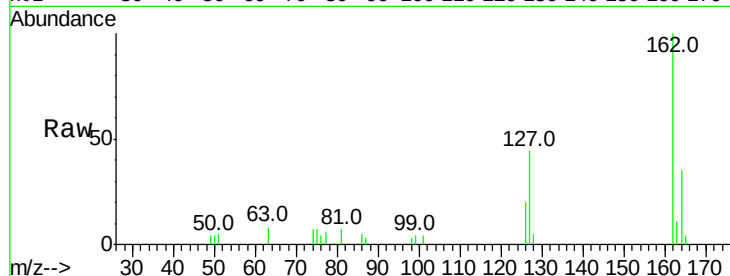
#46
2-Chloronaphthalene
Concen: 0.93 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.3	35.2	52.8
164	34.6	26.6	39.8

Manual Integrations

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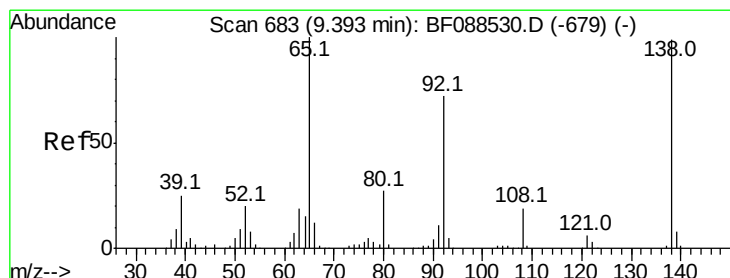
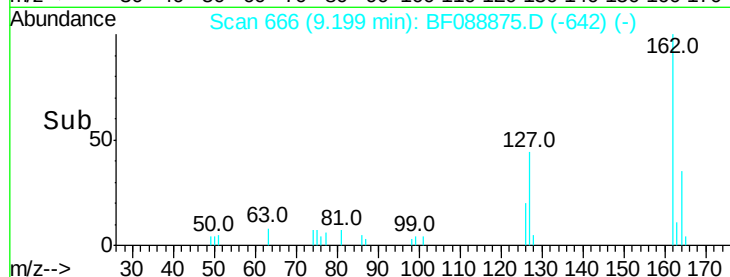
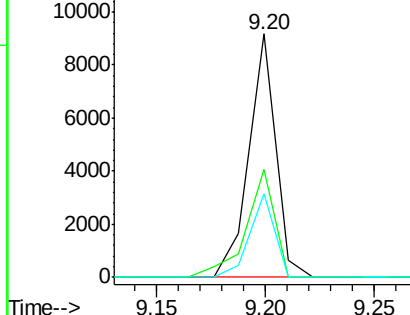


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47
2-Nitroaniline
Concen: 0.68 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

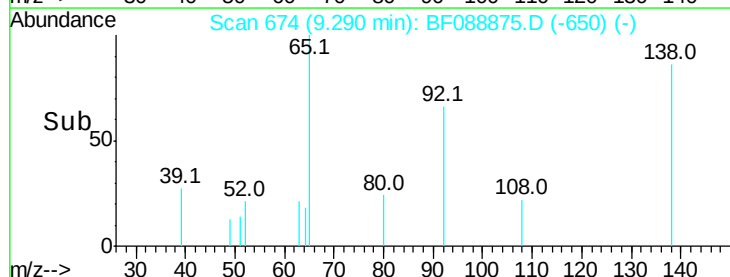
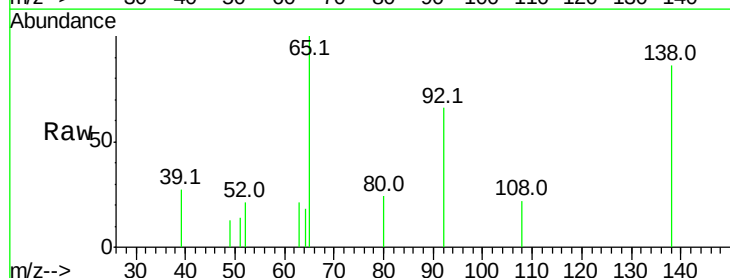
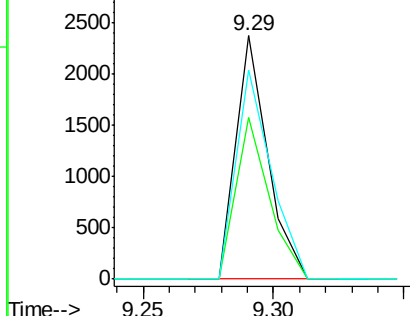
Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	54.6	82.0
138	86.1	77.0	115.4

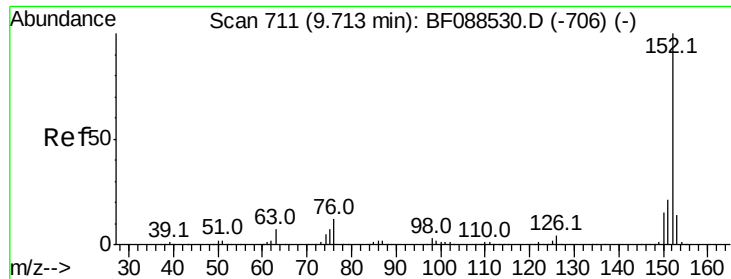
Abundance

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





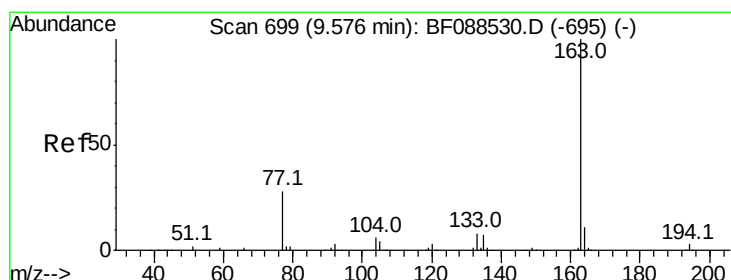
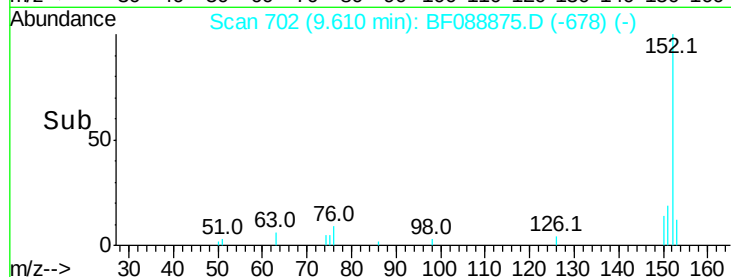
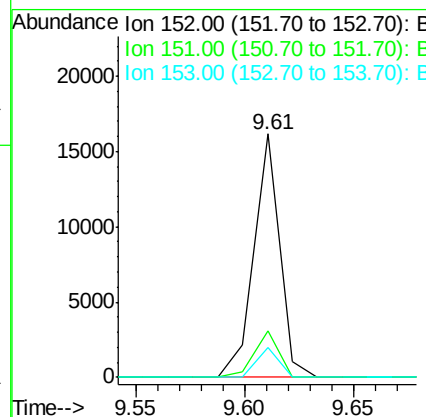
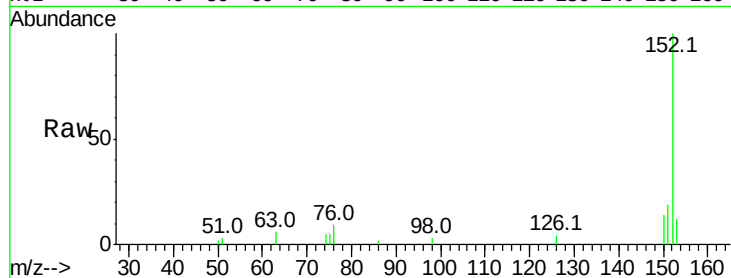
#48
Acenaphthylene
Concen: 0.99 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4
153	12.1	11.0	16.6

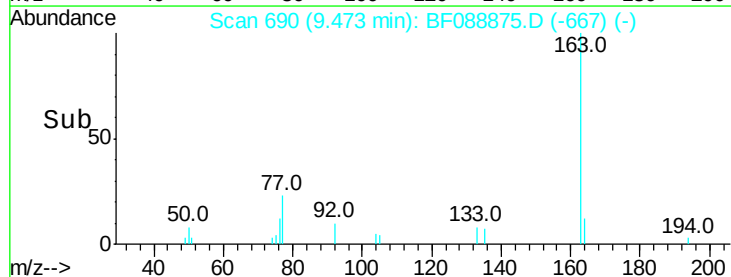
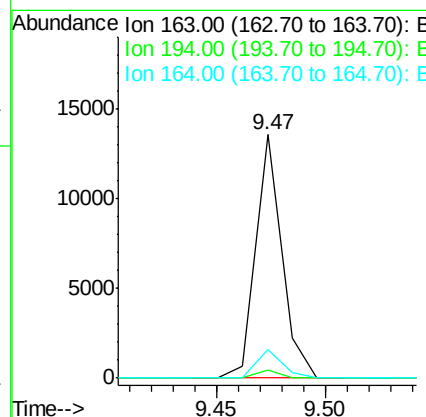
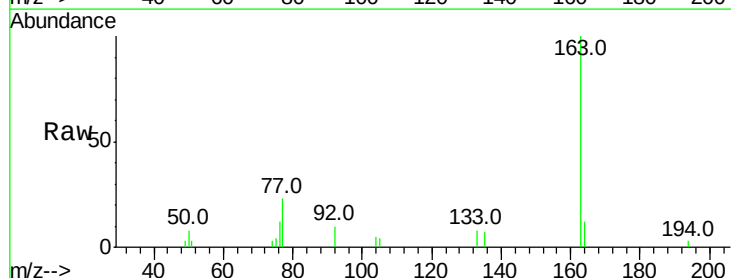
Manual Integrations

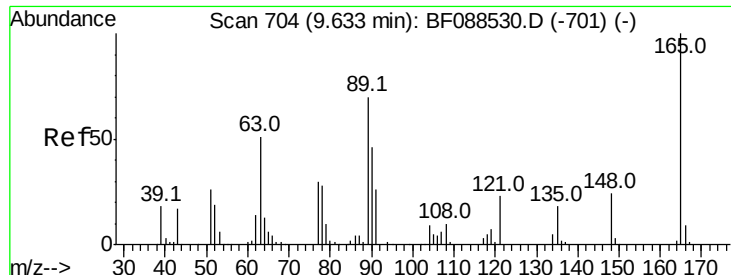
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#49
Dimethylphthalate
Concen: 1.23 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	11.6	8.3	12.5





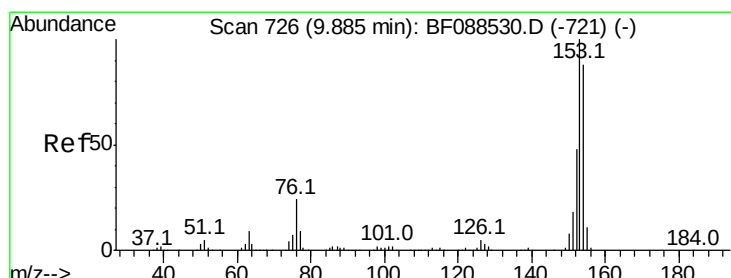
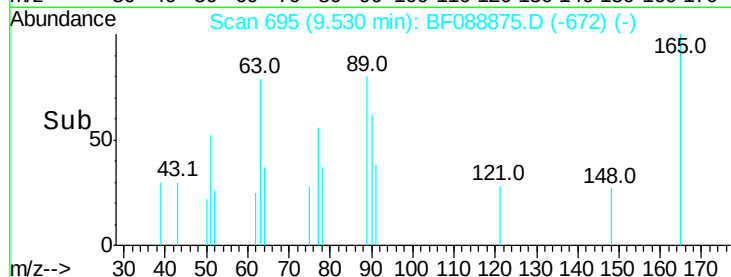
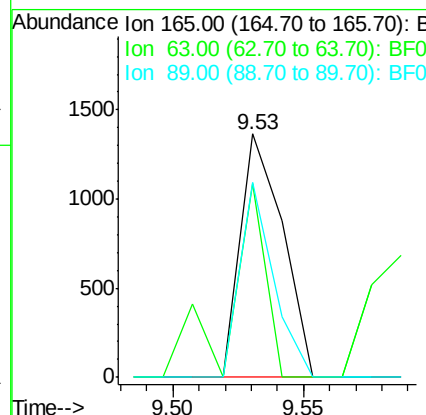
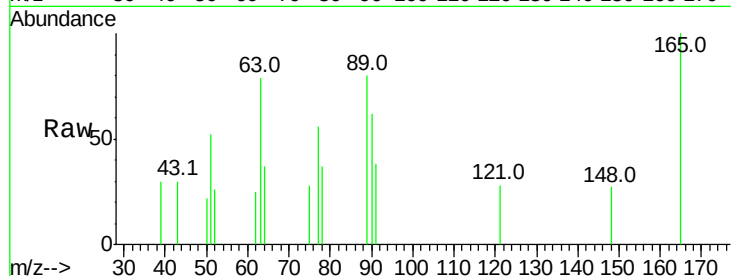
#50
2,6-Dinitrotoluene
Concen: 0.75 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	79.3	28.1	42.1#
89	79.9	32.2	48.2#

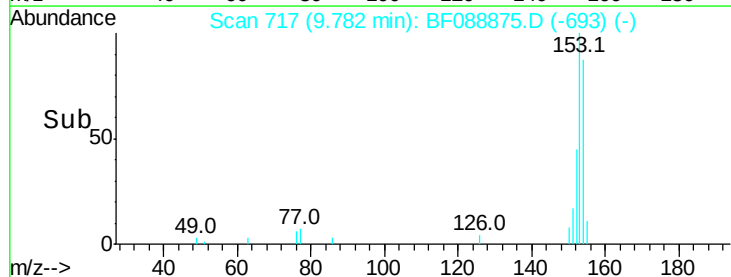
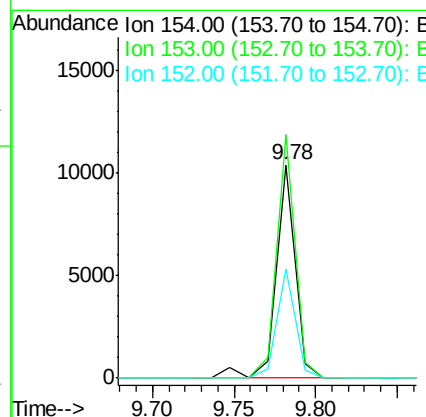
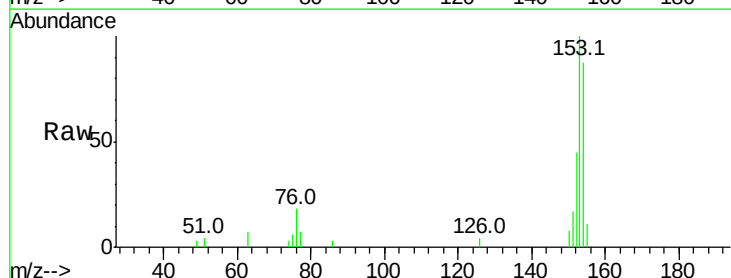
Manual Integrations

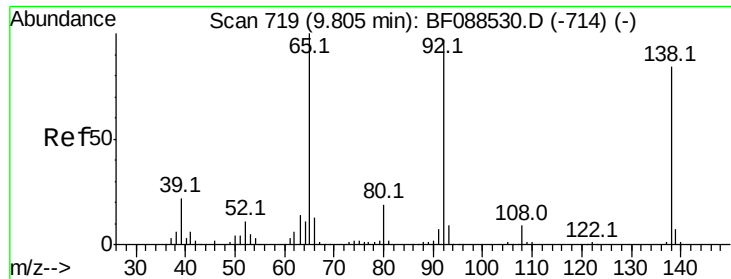
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#51
Acenaphthene
Concen: 1.04 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.5	134.3
152	51.3	42.7	64.1





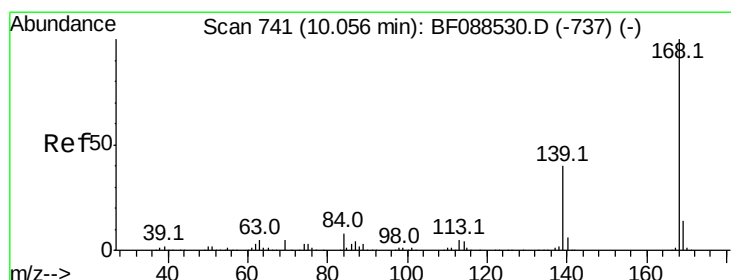
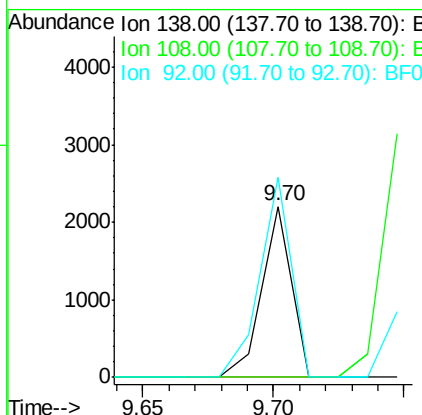
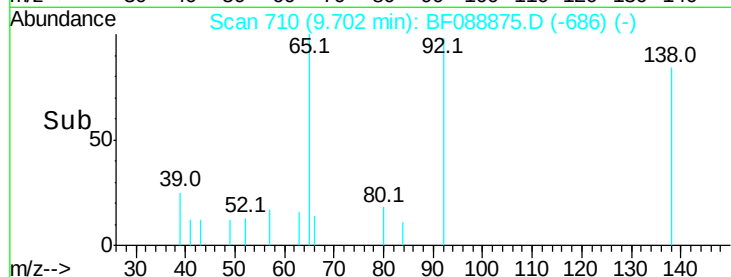
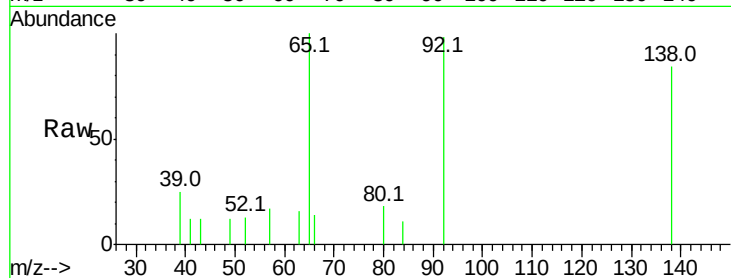
#52
 3-Nitroaniline
 Concen: 0.66 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion:138 Resp: 1727
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.5 12.7#
 92 117.2 95.7 143.5

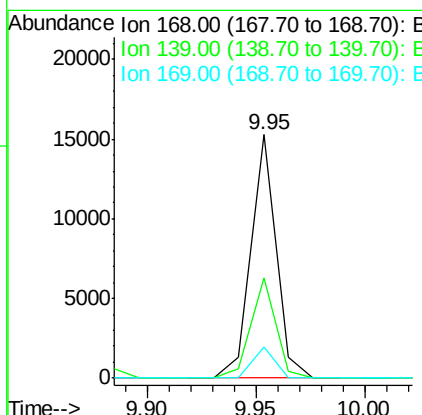
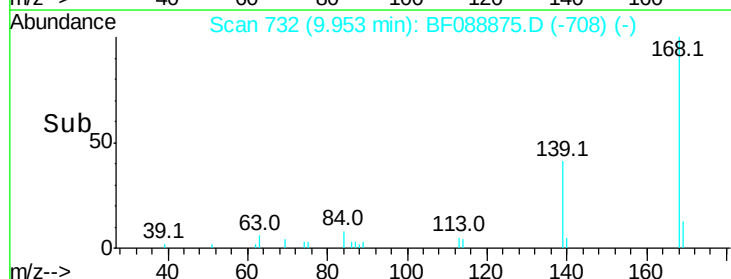
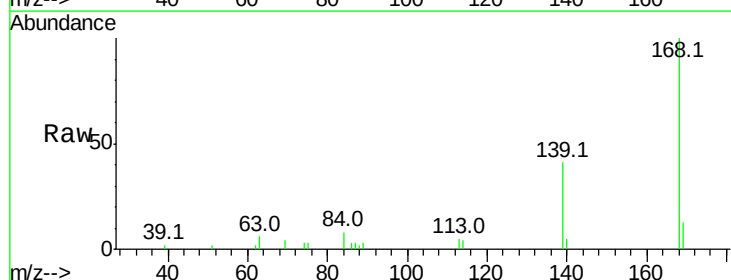
Manual Integrations

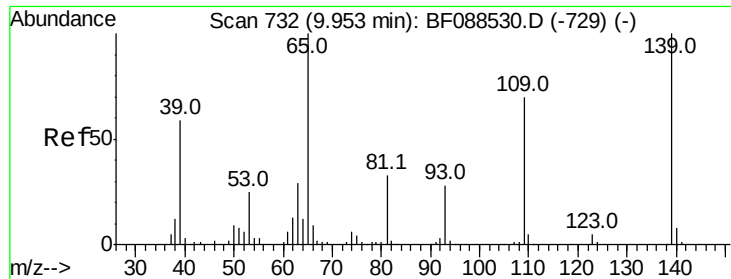
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#54
 Dibenzofuran
 Concen: 1.14 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:168 Resp: 12306
 Ion Ratio Lower Upper
 168 100
 139 41.1 26.4 39.6#
 169 12.9 10.4 15.6





#55

4-Nitrophenol

Concen: 1.25 na

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF088875.D

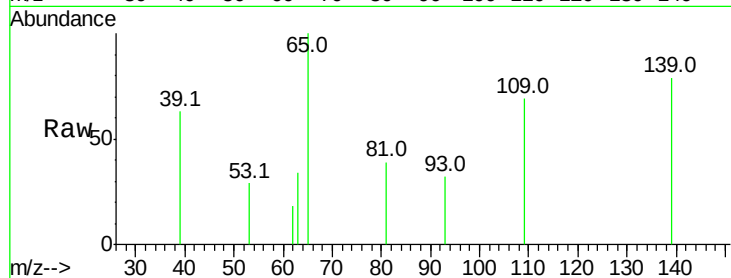
Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD



Tot Ion:139 Resp: 2468

Ion Ratio Lower Upper

139 100

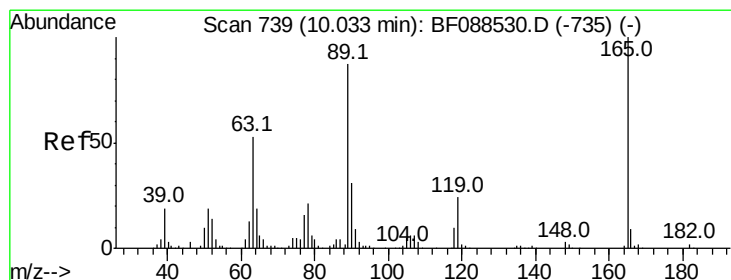
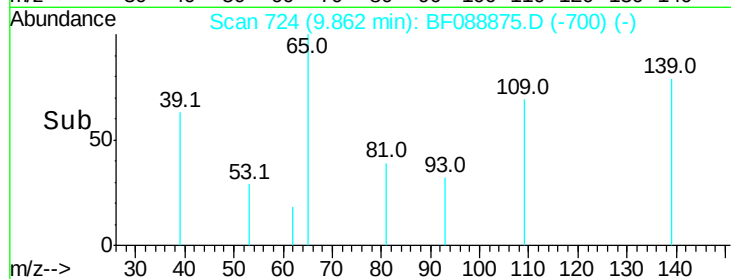
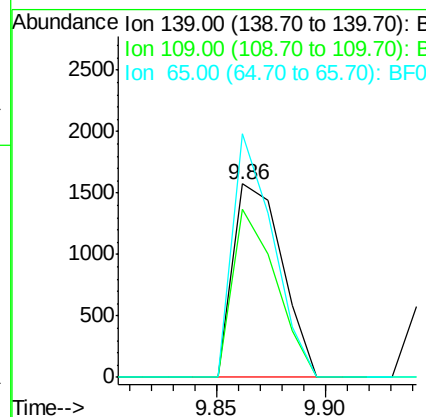
109 87.0 48.9 88.9

65 126.0 84.9 124.9#

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 0.74 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:165 Resp: 1979

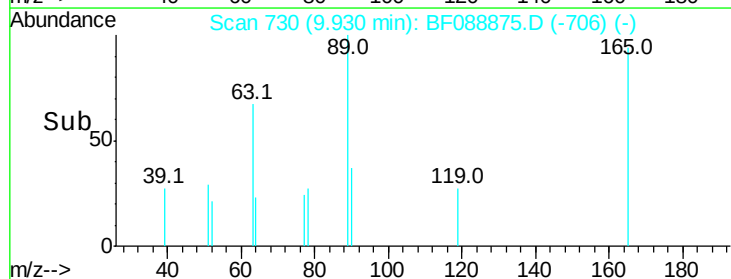
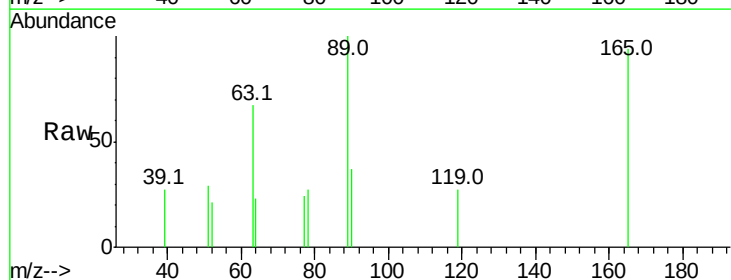
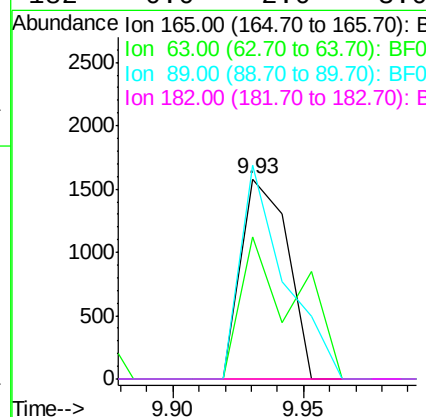
Ion Ratio Lower Upper

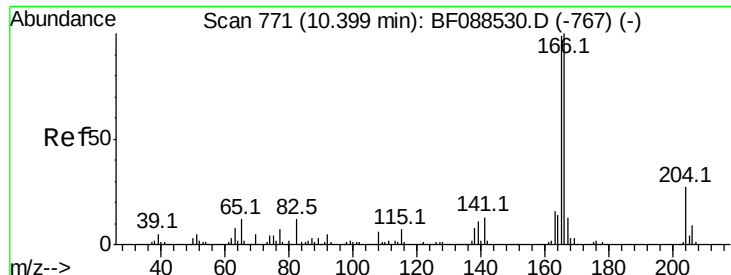
165 100

63 71.3 22.0 33.0#

89 106.8 41.1 61.7#

182 0.0 2.0 3.0#





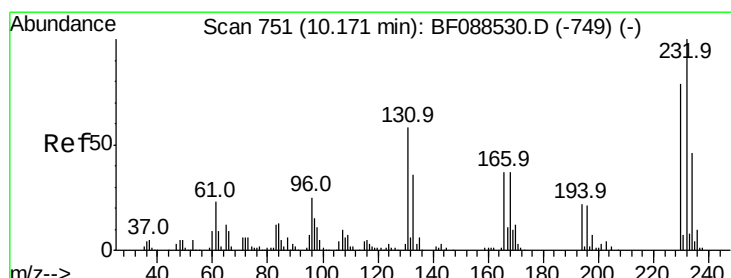
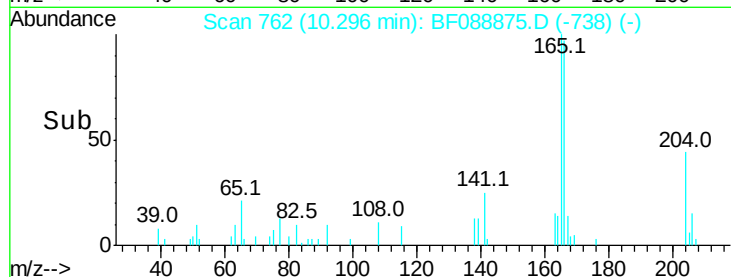
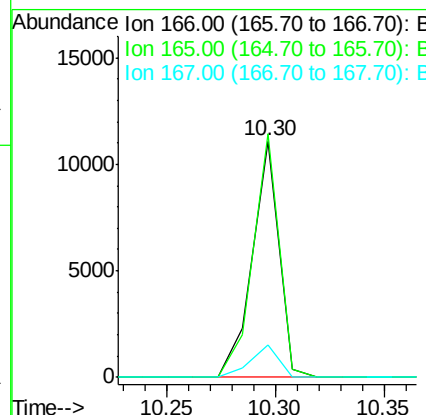
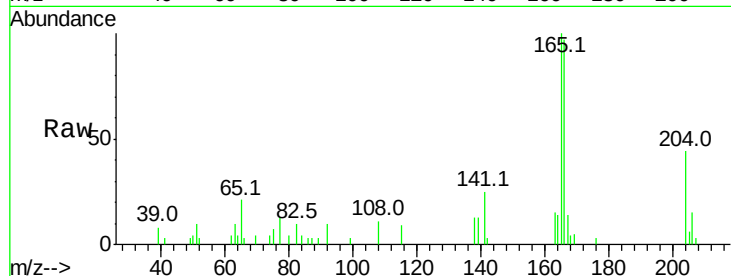
#57
Fluorene
 Concen: 1.14 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion:166 Resp: 9454
 Ion Ratio Lower Upper
 166 100
 165 103.2 77.8 116.8
 167 14.0 11.2 16.8

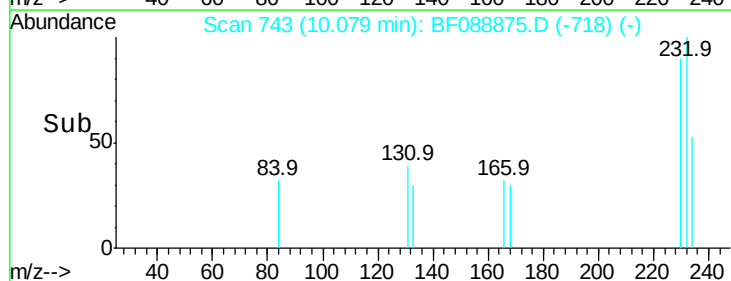
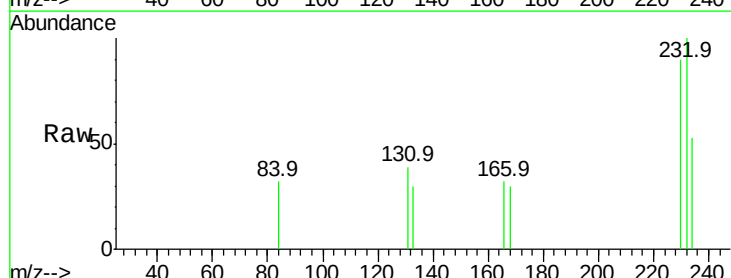
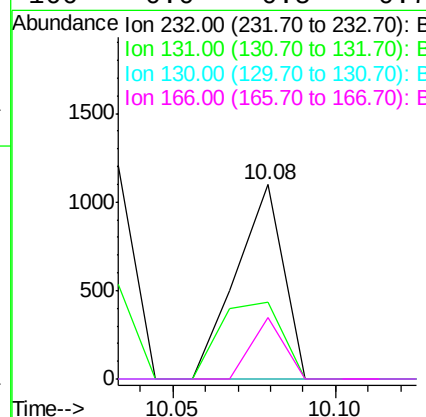
Manual Integrations

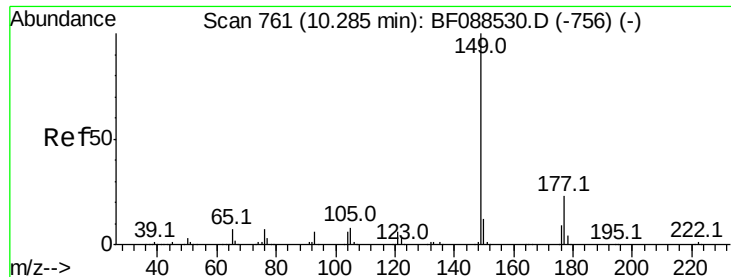
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 0.58 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:232 Resp: 1095
 Ion Ratio Lower Upper
 232 100
 131 51.9 0.9 1.3#
 130 0.0 1.5 2.3#
 166 0.0 0.5 0.7#





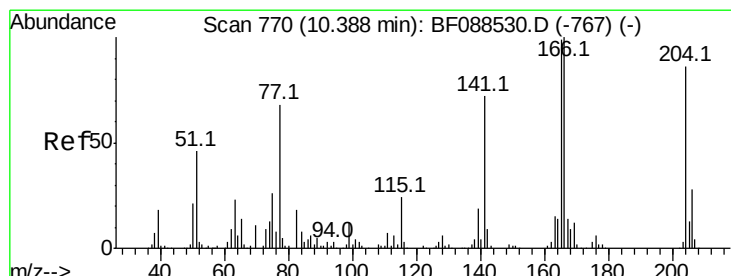
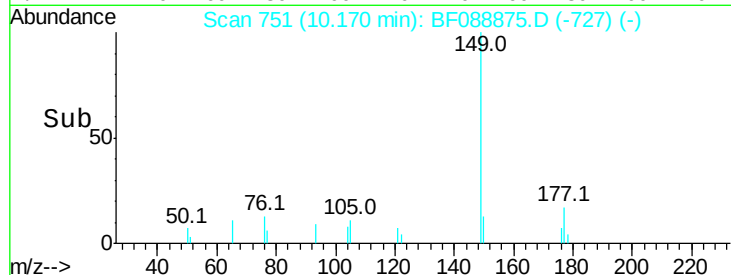
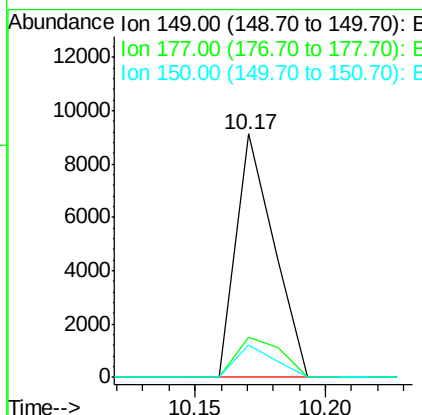
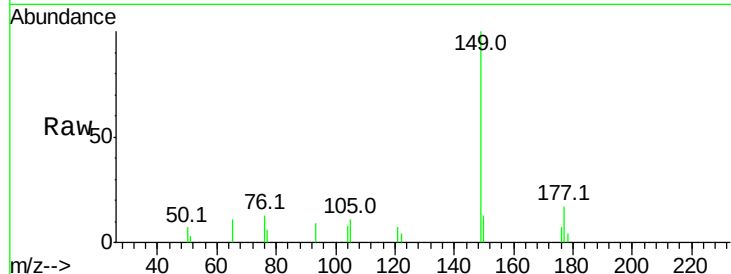
#59
Diethylphthalate
Concen: 1.00 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:149 Resp: 9270
Ion Ratio Lower Upper
149 100
177 16.6 16.9 25.3#
150 13.1 10.1 15.1

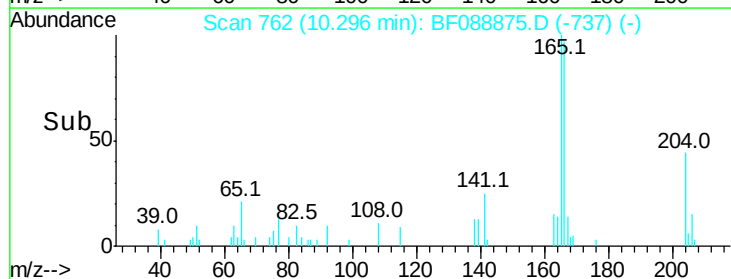
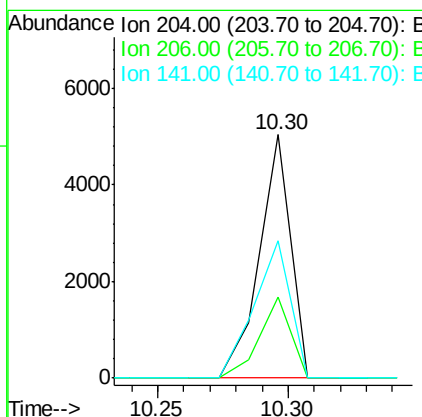
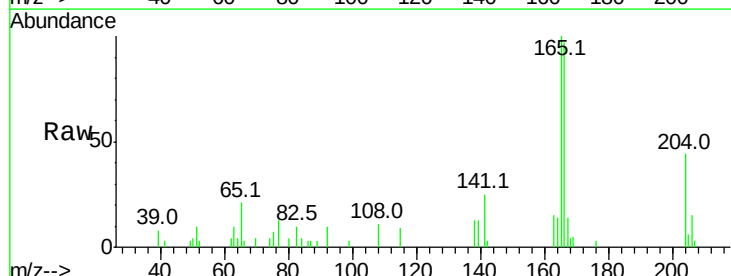
Manual Integrations

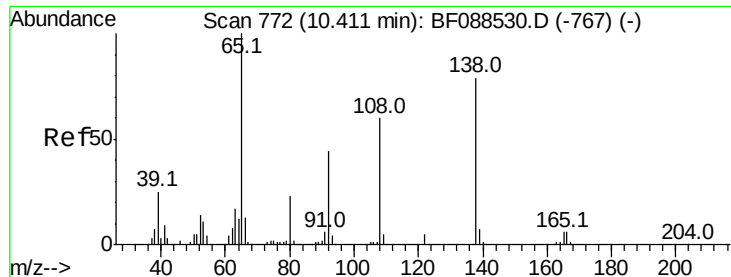
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#60
4-Chlorophenyl-phenylether
Concen: 1.10 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:204 Resp: 4253
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 56.2 55.0 82.6





#61

4-Nitroaniline

Concen: 0.70 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.03 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion:138 Resp: 1758

Ion Ratio Lower Upper

138 100

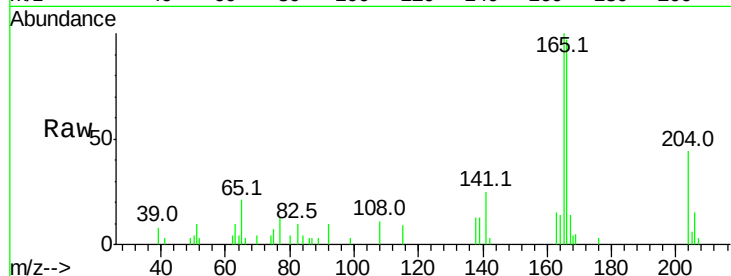
92 71.6 27.3 67.3#

108 78.7 46.7 86.7

Manual Integrations

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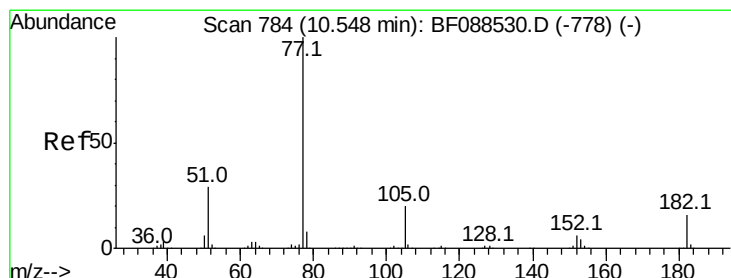
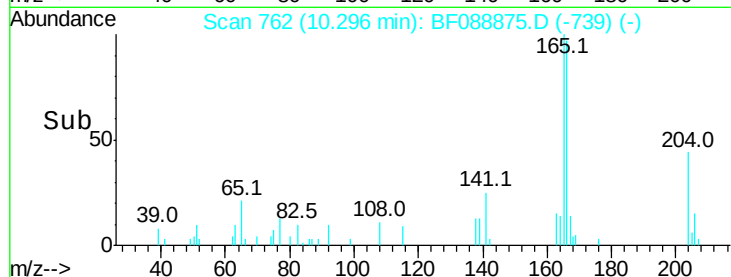
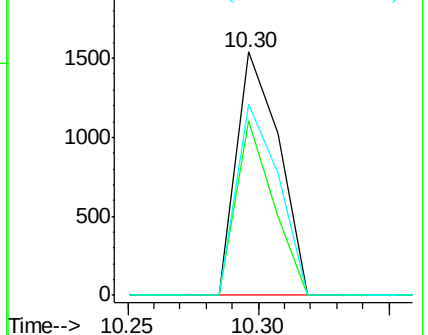
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.84 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion: 77 Resp: 8836

Ion Ratio Lower Upper

77 100

182 14.0 4.4 44.4

105 20.6 3.8 43.8

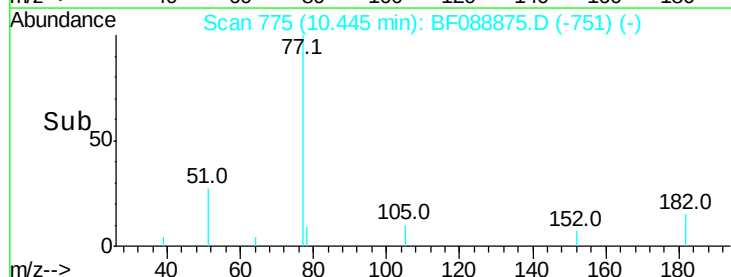
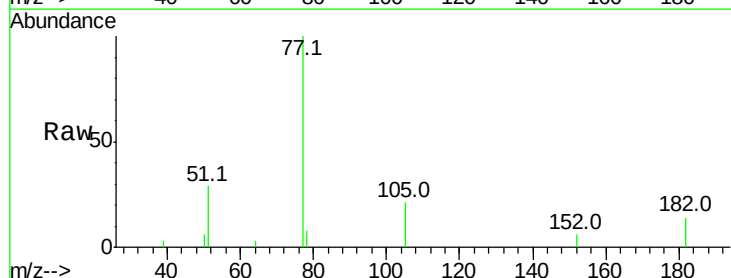
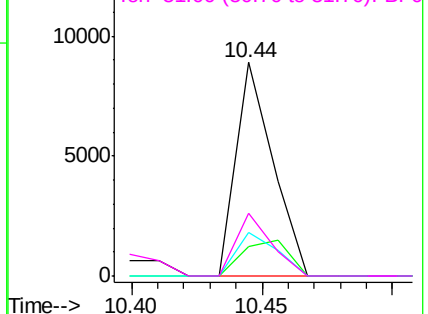
51 29.1 9.3 49.3

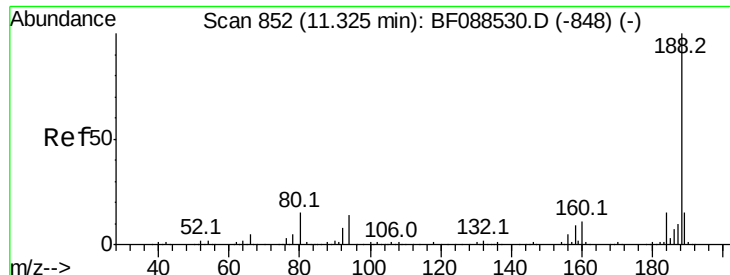
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





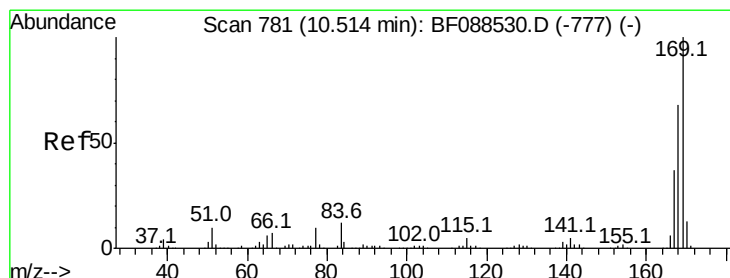
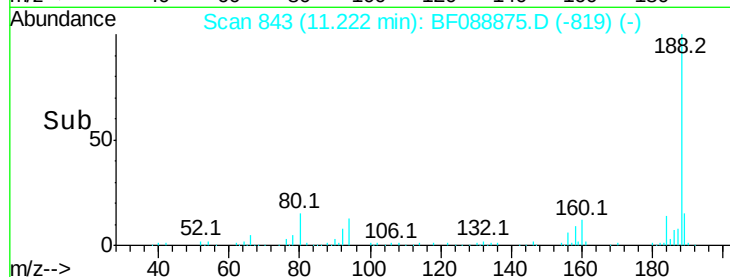
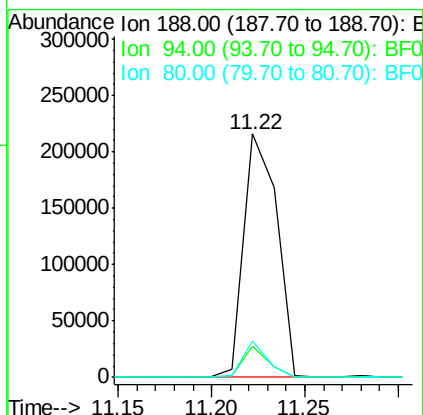
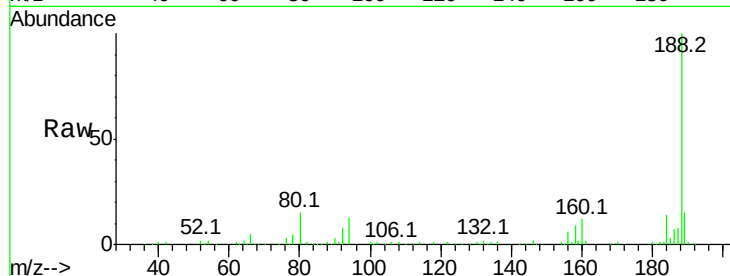
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.0	13.6
80	15.1	10.0	15.0

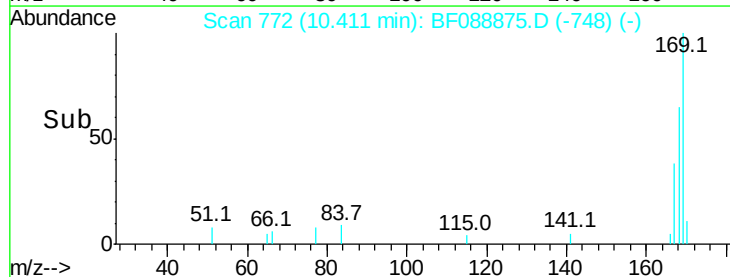
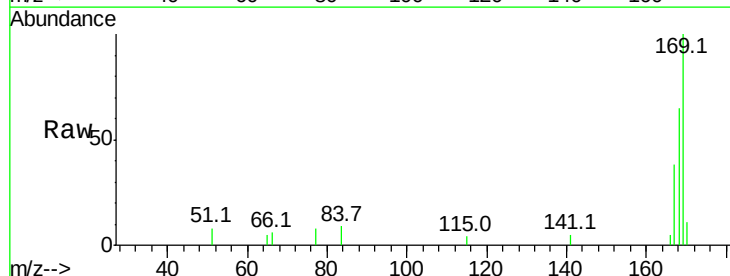
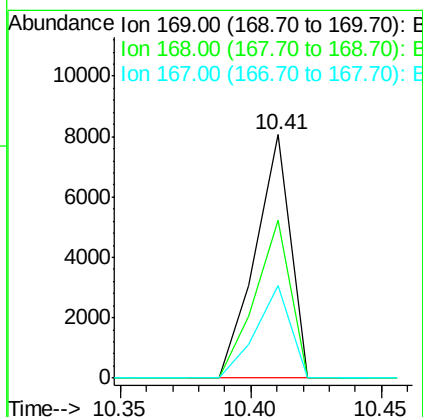
Manual Integrations

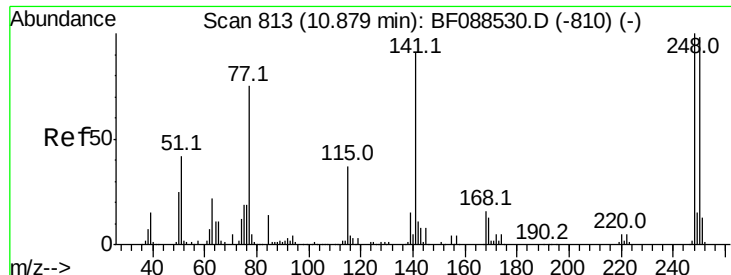
sohil
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#65
n-Nitrosodiphenylamine
Concen: 0.84 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.7	53.4	80.0
167	37.8	29.4	44.0





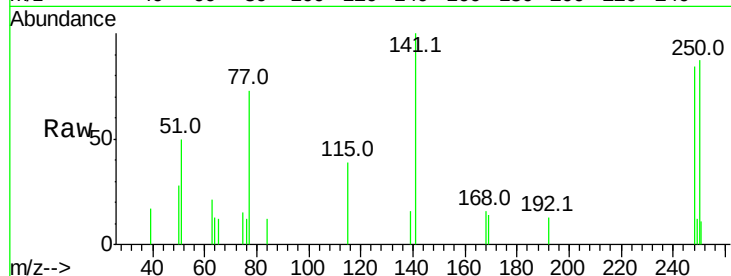
#66
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

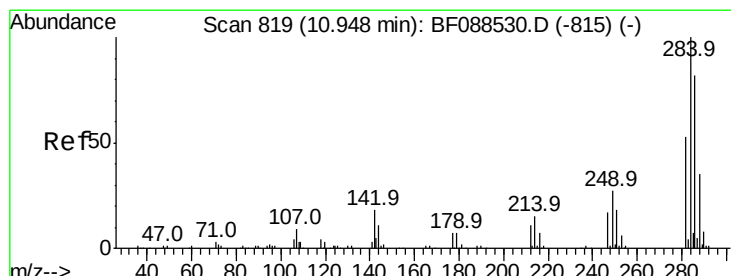
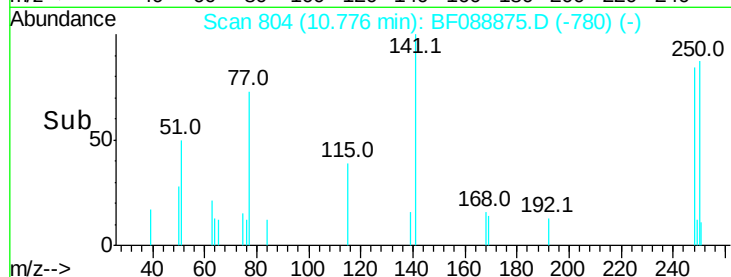
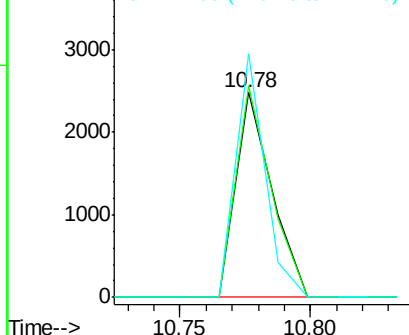
Tot Ion	Ratio	Lower	Upper
248	100		
250	103.3	77.1	115.7
141	119.0	50.6	76.0#

Manual Integrations

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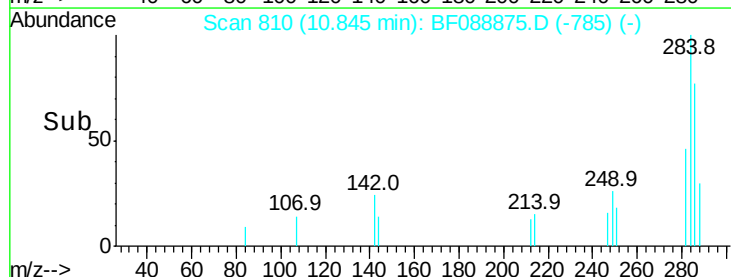
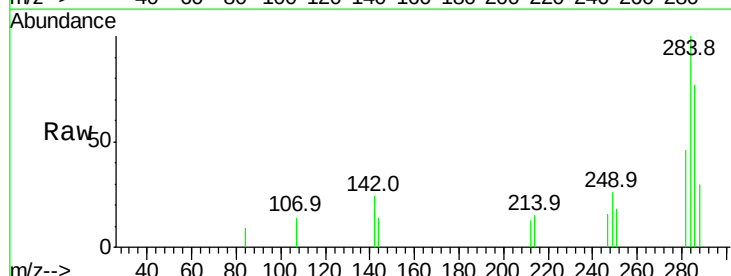
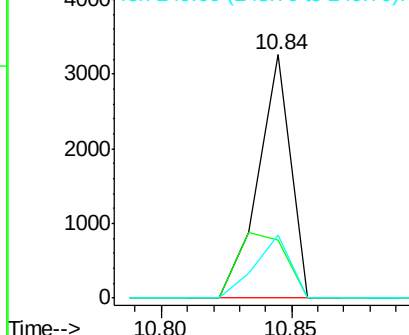
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

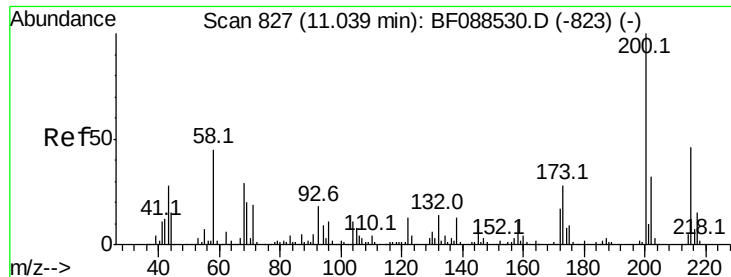


#67
Hexachlorobenzene
Concen: 0.94 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	35.8	53.8#
249	25.7	25.8	38.6#

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





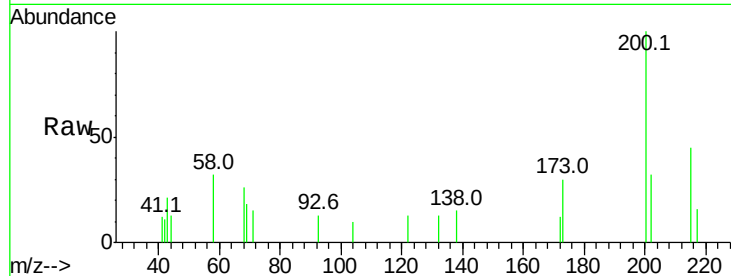
#68
Atrazine
Concen: 0.82 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	4.0	44.0
215	45.1	29.3	69.3

Manual Integrations

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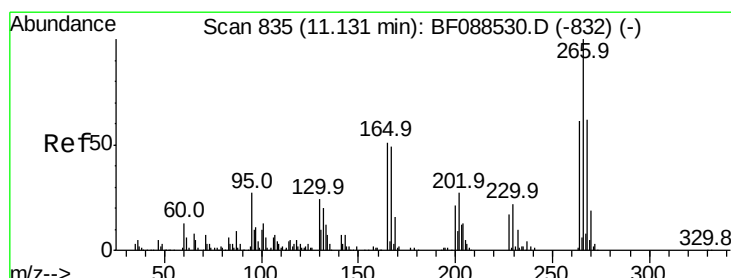
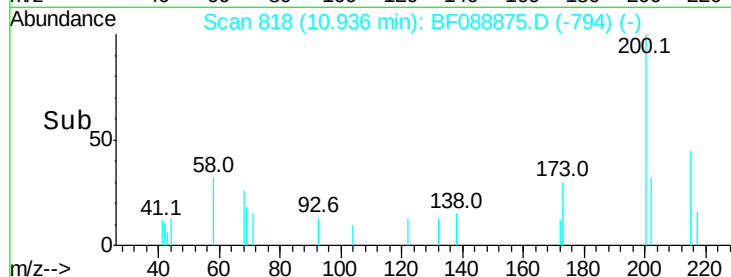
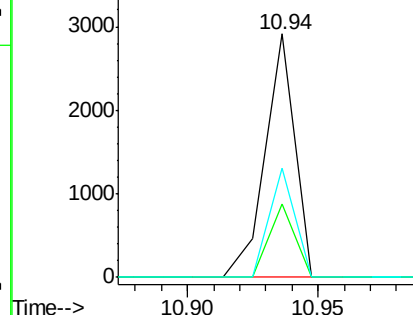


Abundance

Ion 200.00 (199.70 to 200.70): E

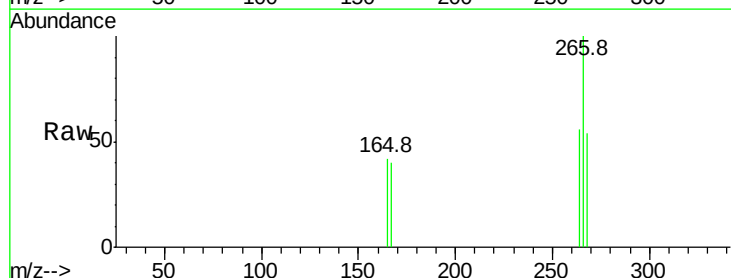
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 0.37 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	53.6	52.8	79.2
264	56.3	49.6	74.4

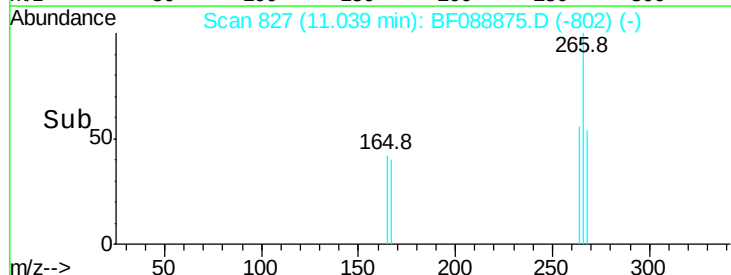
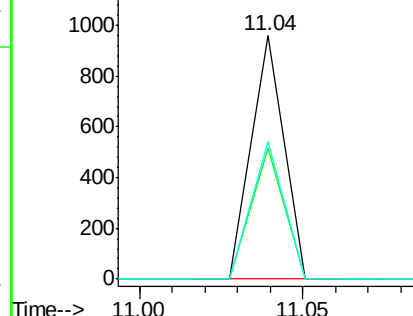


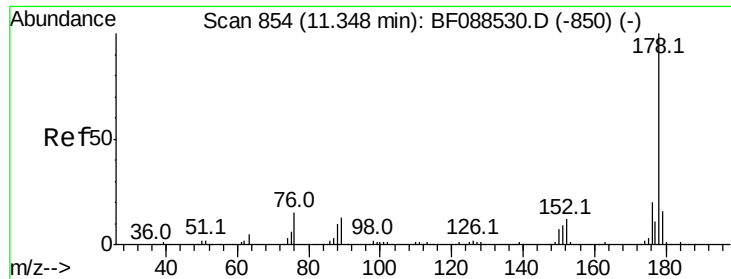
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





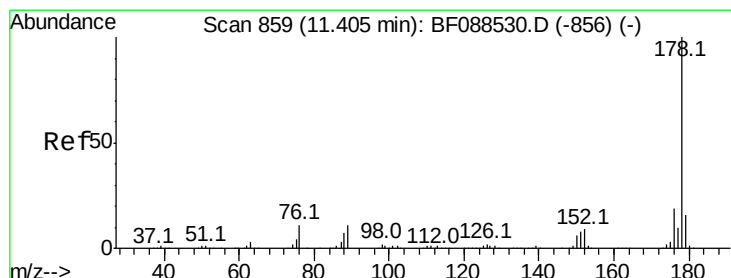
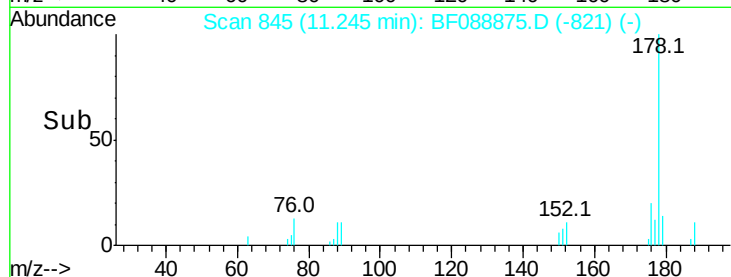
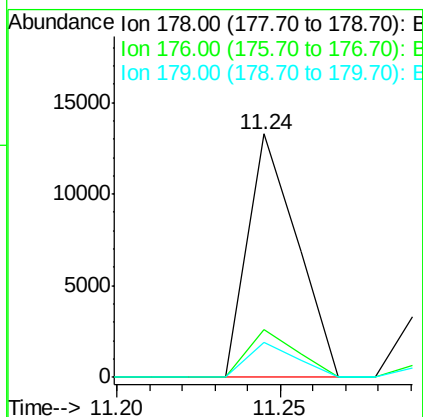
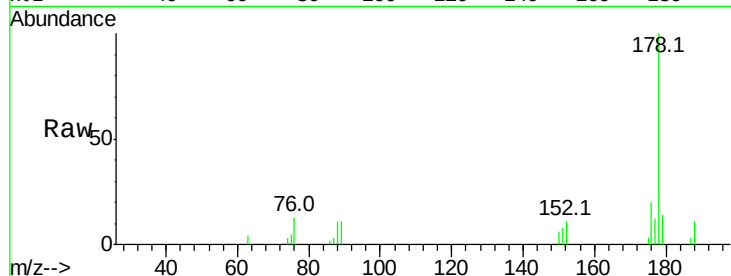
#70
 Phenanthrene
 Concen: 0.94 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	14.4	13.0	19.4

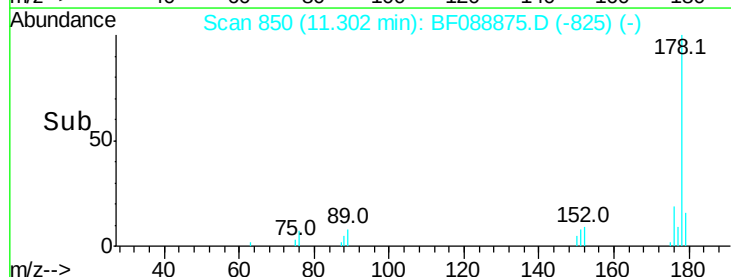
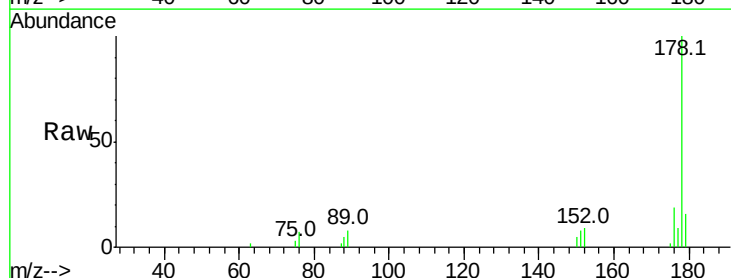
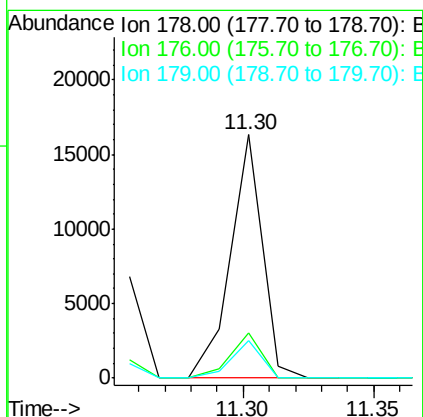
Manual Integrations

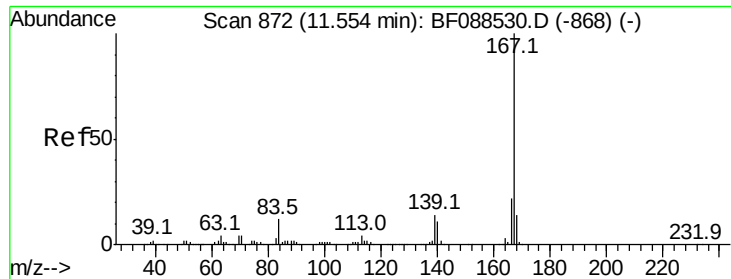
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#71
 Anthracene
 Concen: 0.96 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.6	12.8	19.2





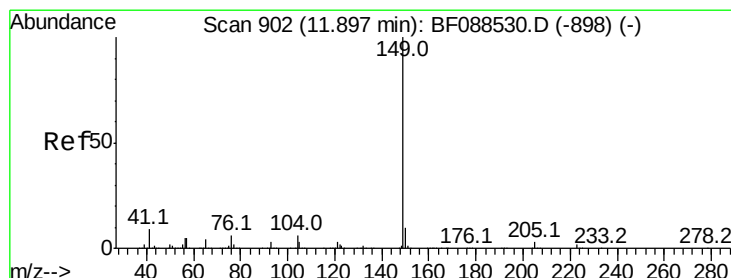
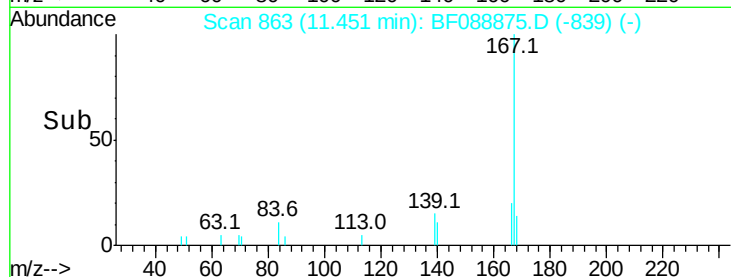
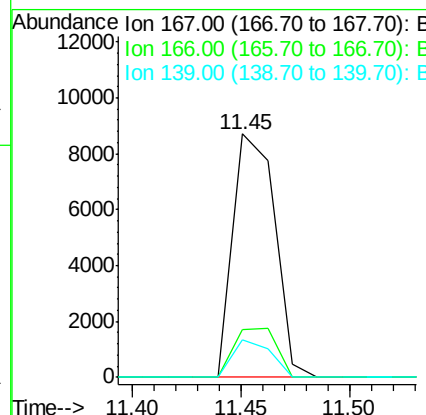
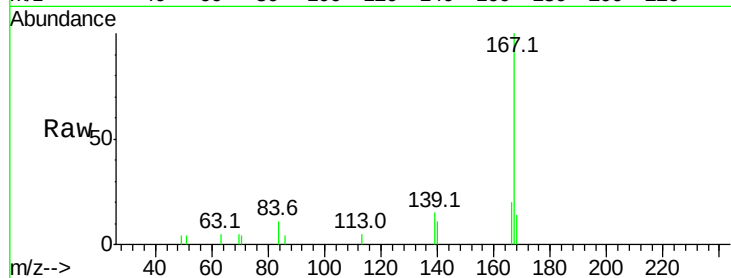
#72
 Carbazole
 Concen: 0.84 ng
 RT: 11.45 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.8	26.6
139	15.4	11.2	16.8

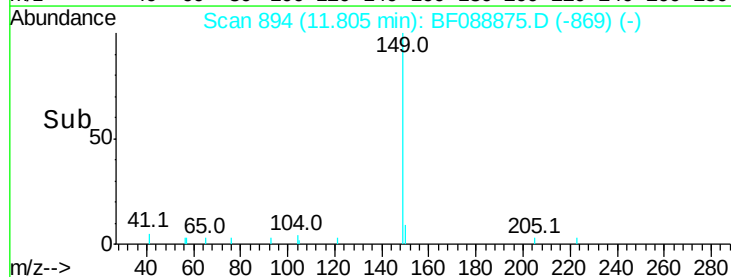
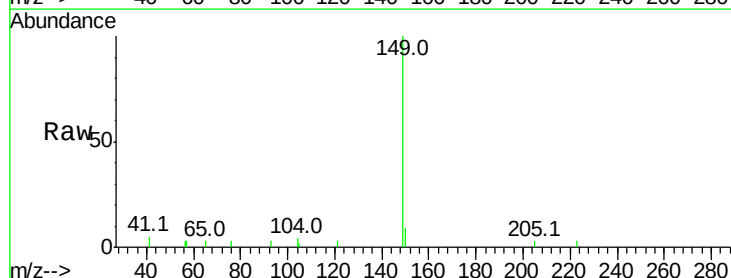
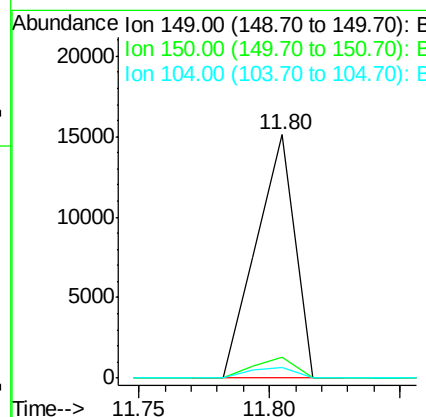
Manual Integrations

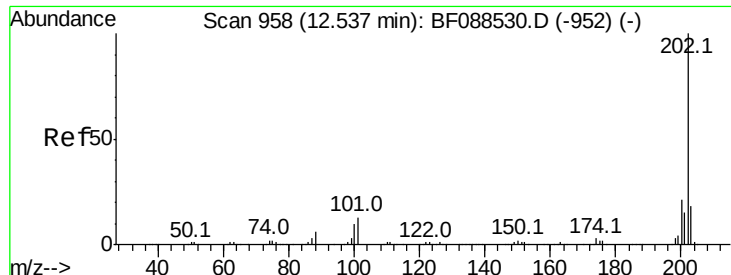
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#73
 Di-n-butylphthalate
 Concen: 0.97 ng
 RT: 11.80 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	4.5	4.0	6.0





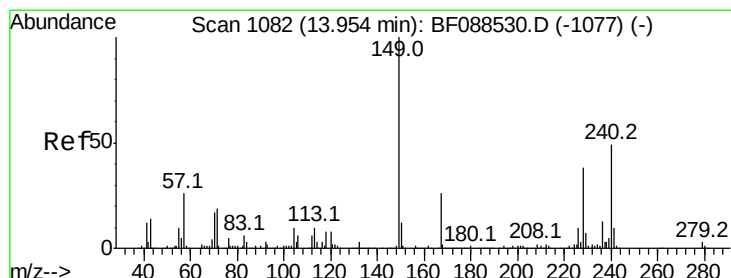
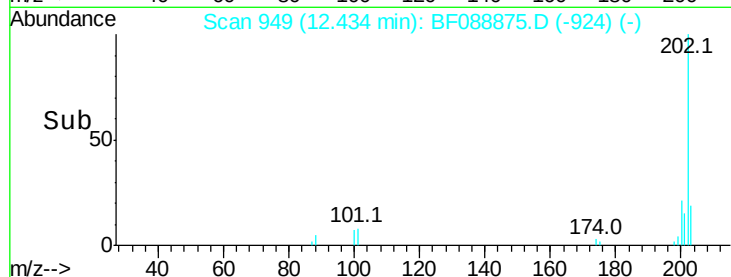
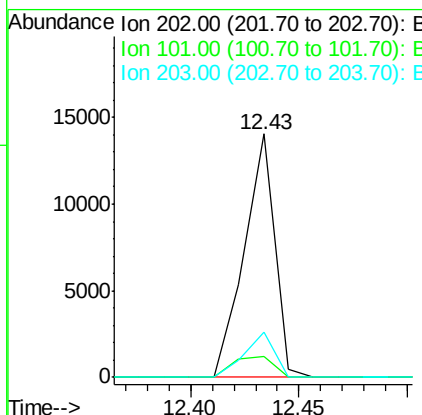
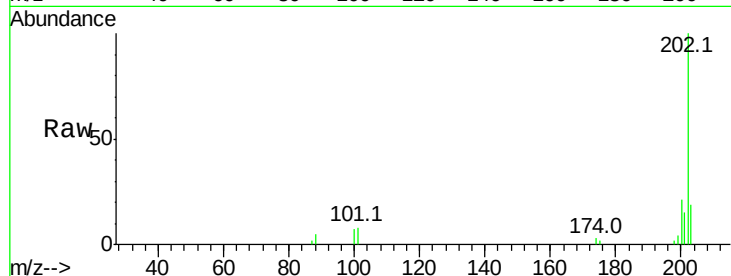
#74
Fluoranthene
 Concen: 0.91 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion:	202	Resp:	13649
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	33.1
203	18.8	0.0	38.1

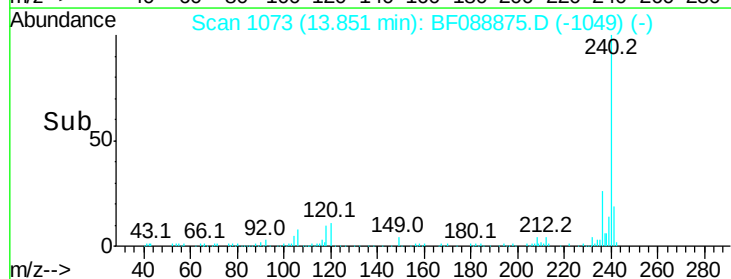
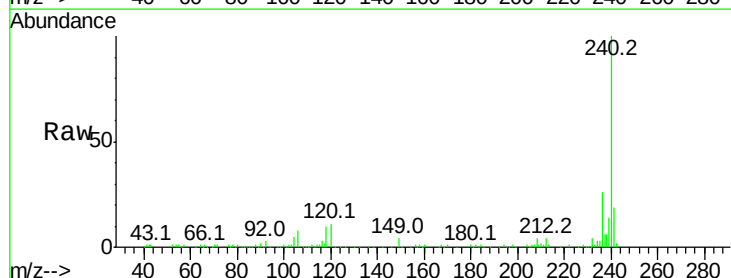
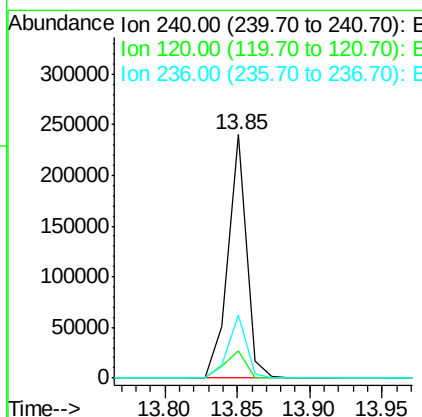
Manual Integrations

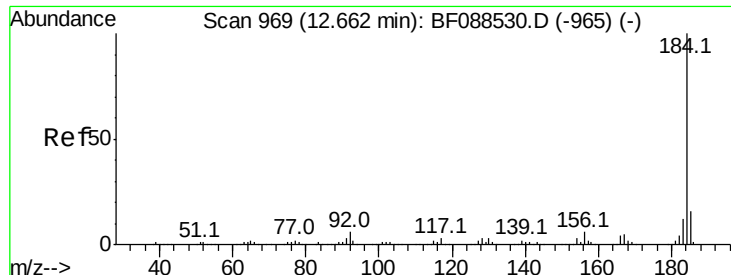
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion:	240	Resp:	213286
Ion Ratio	Lower	Upper	
240	100		
120	11.3	6.8	10.2#
236	25.7	20.2	30.2





#76

Benzidine

Concen: 0.06 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Instrument :

BNA_F

ClientSampleId :

P001-DS001-01MSD

Tot Ion:184 Resp: 671

Ion Ratio Lower Upper

184 100

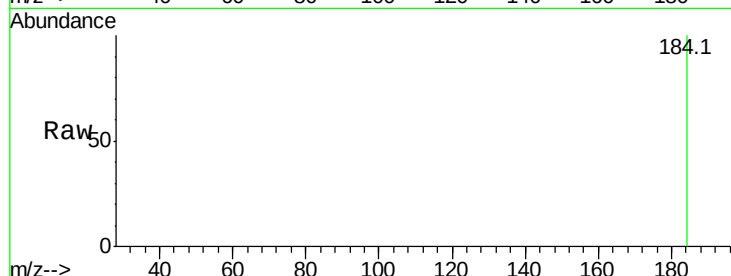
185 0.0 12.5 18.7#

183 0.0 9.3 13.9#

Manual Integrations

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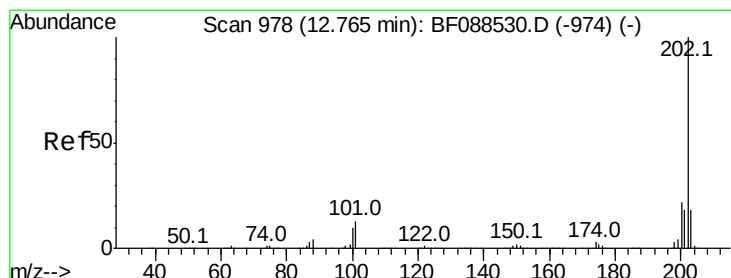
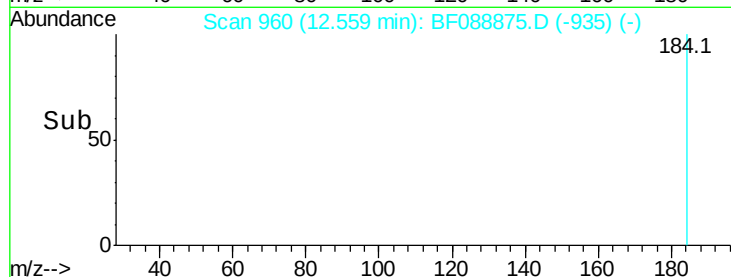
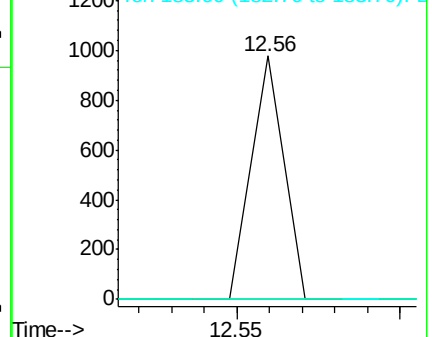
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.75 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF088875.D

Acq: 9 Jul 2016 17:08

Tgt Ion:202 Resp: 13511

Ion Ratio Lower Upper

202 100

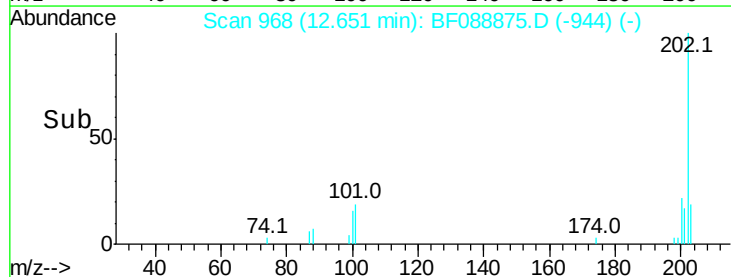
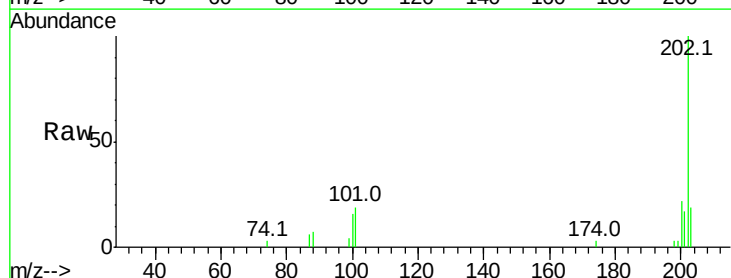
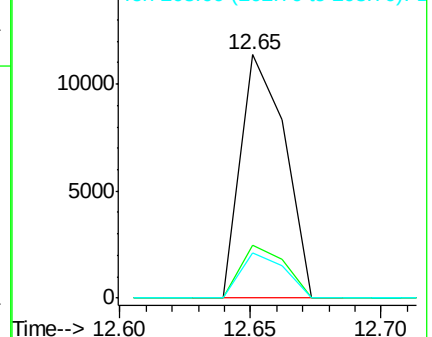
200 21.8 17.4 26.2

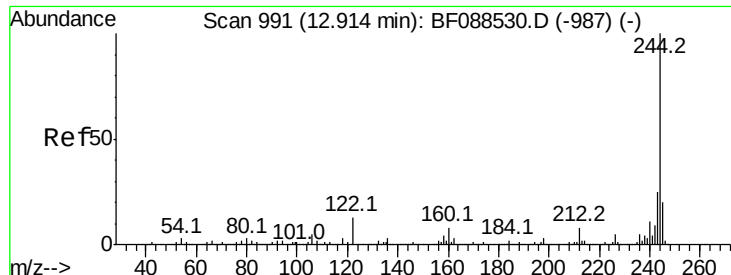
203 18.5 14.5 21.7

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





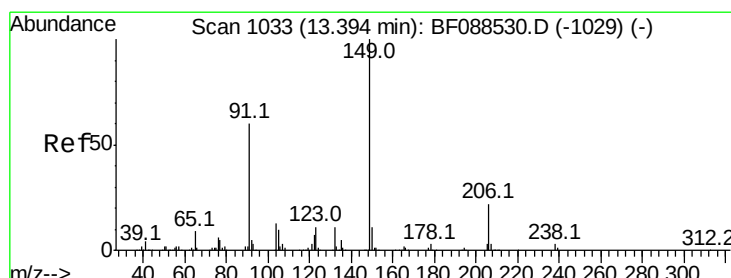
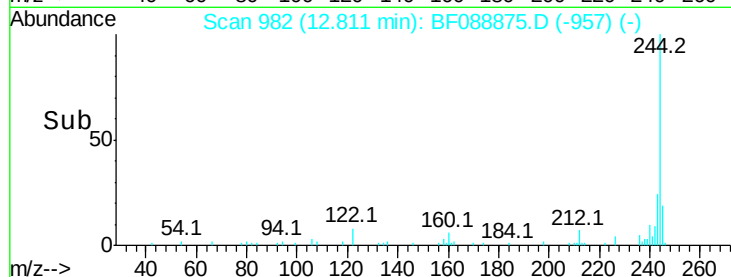
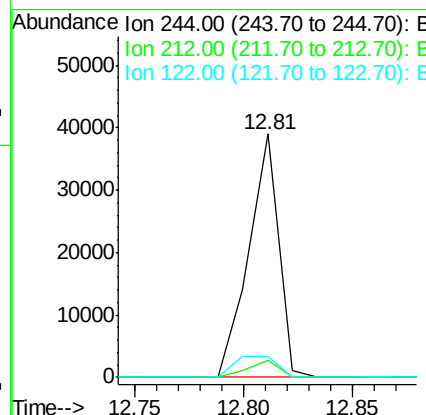
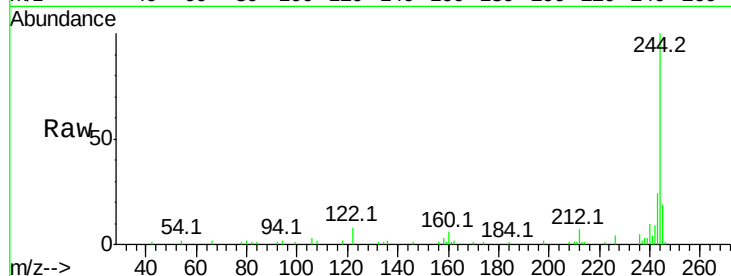
#78
 Terphenyl-d14
 Concen: 3.88 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	8.5	11.2	16.8#

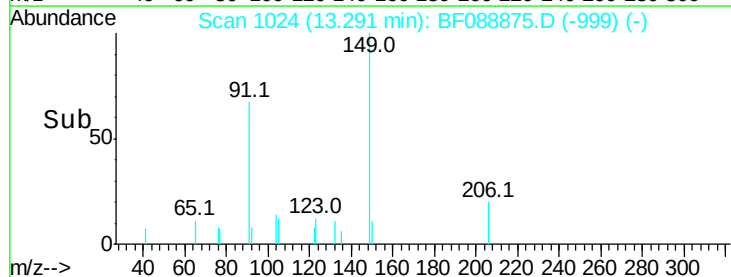
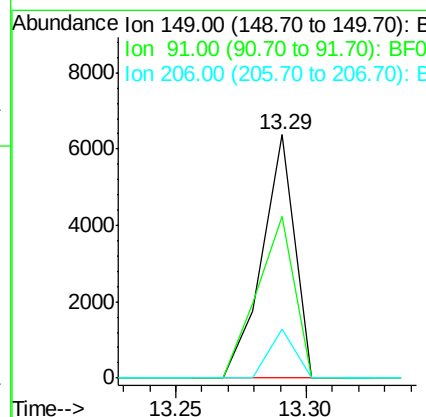
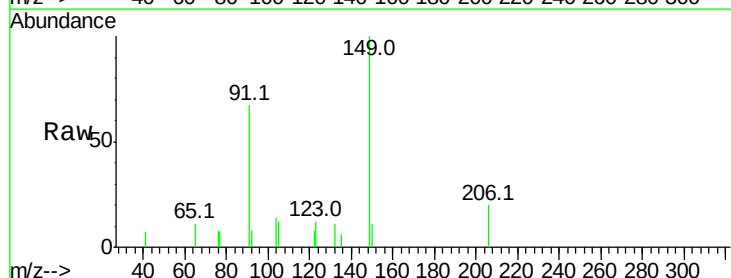
Manual Integrations

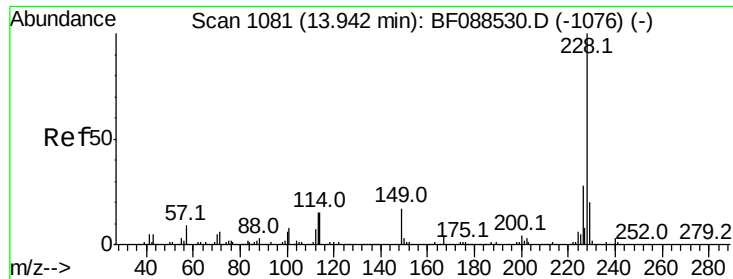
sohil
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#79
 Butylbenzylphthalate
 Concen: 0.69 ng
 RT: 13.29 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.6	48.0	72.0
206	20.4	16.0	24.0





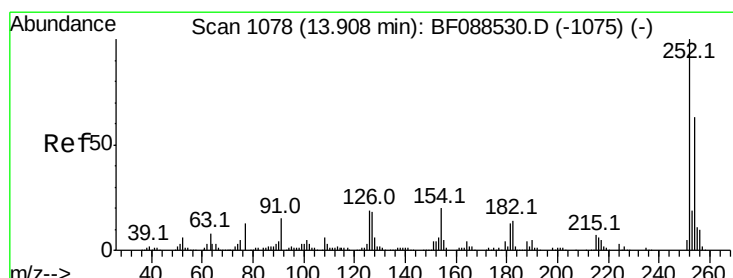
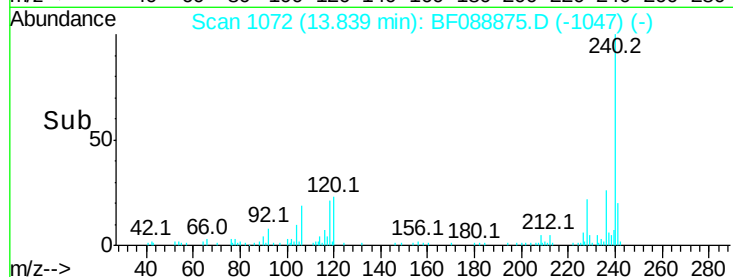
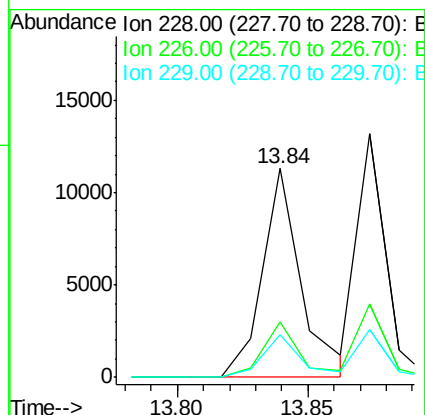
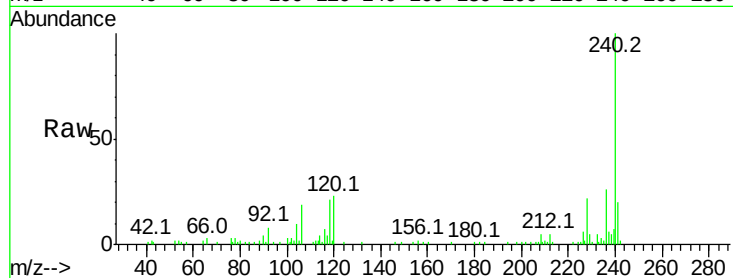
#80
Benzo(a)anthracene
Concen: 0.86 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	20.2	16.0	24.0

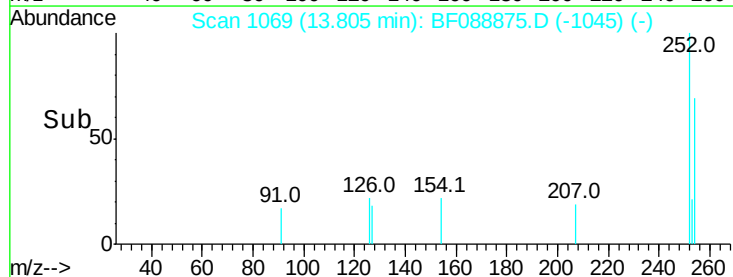
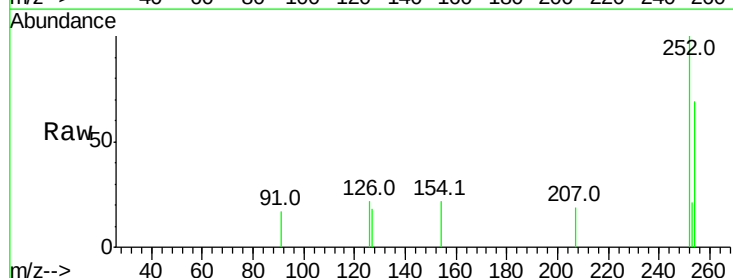
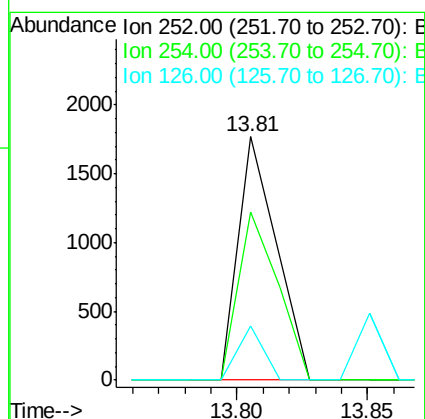
Manual Integrations

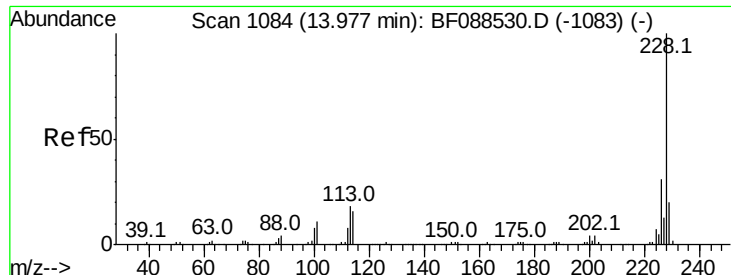
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#81
3,3'-Dichlorobenzidine
Concen: 0.35 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.2	52.6	78.8
126	22.2	6.2	9.2





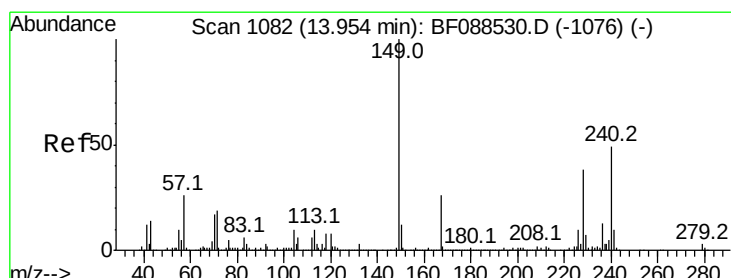
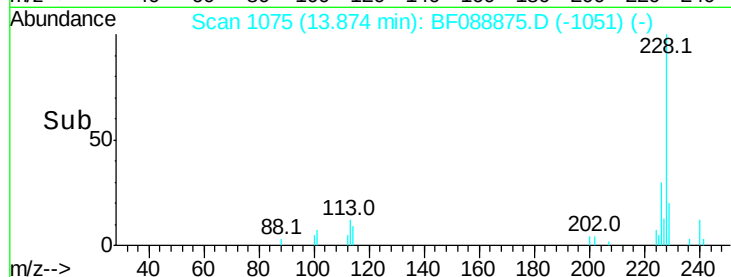
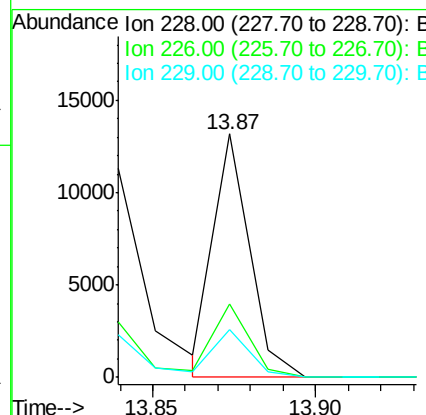
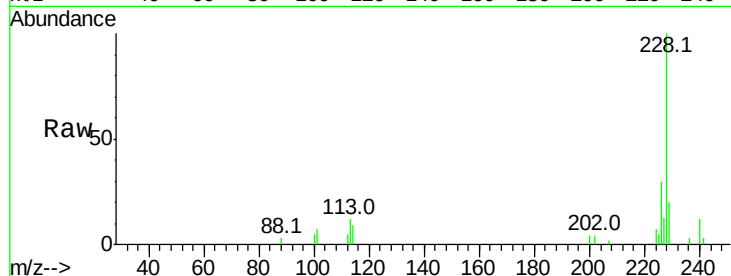
#82
Chrysene
Concen: 0.74 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion:	228	Resp:	10041
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.4	38.2
229	19.7	16.3	24.5

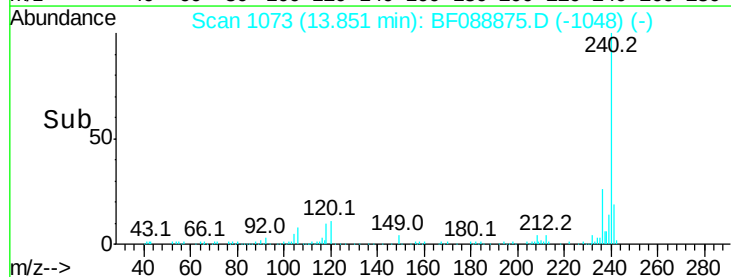
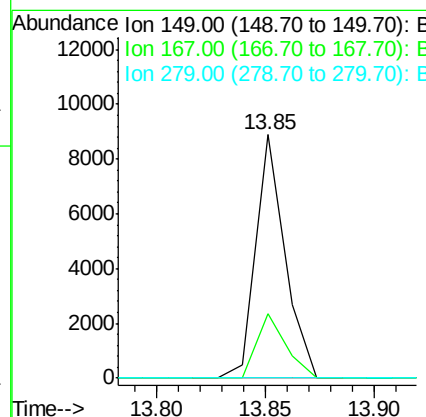
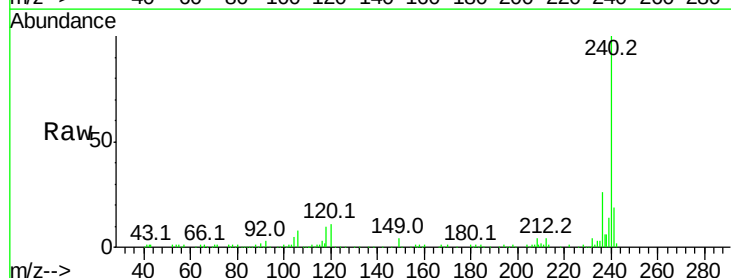
Manual Integrations

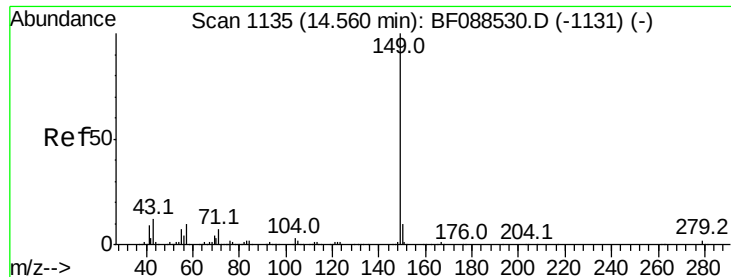
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#83
Bis(2-ethylhexyl)phthalate
Concen: 0.90 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion:	149	Resp:	8275
Ion Ratio	Lower	Upper	
149	100		
167	26.6	20.5	30.7
279	0.0	2.0	3.0#





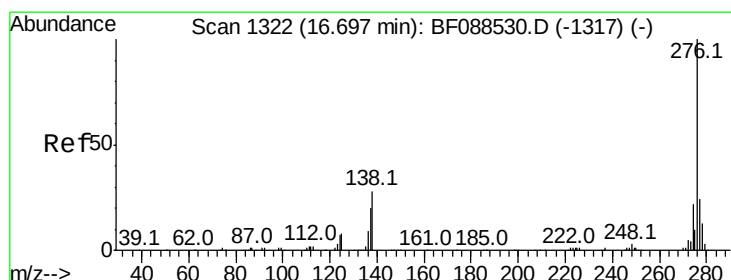
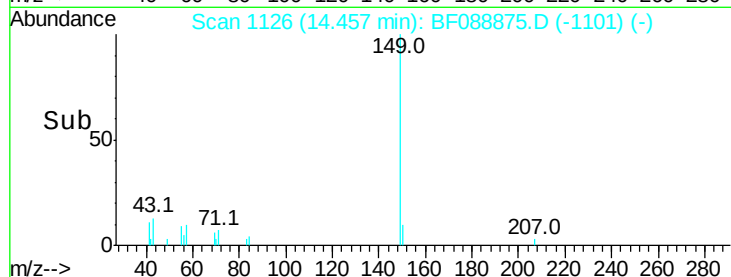
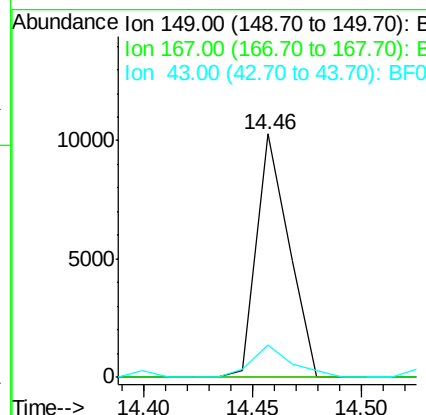
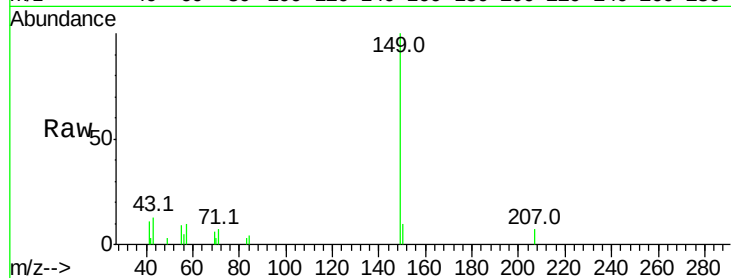
#84
Di-n-octyl phthalate
Concen: 0.68 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	0.0	0.0	0.0	
43	16.8	0.0	0.0	

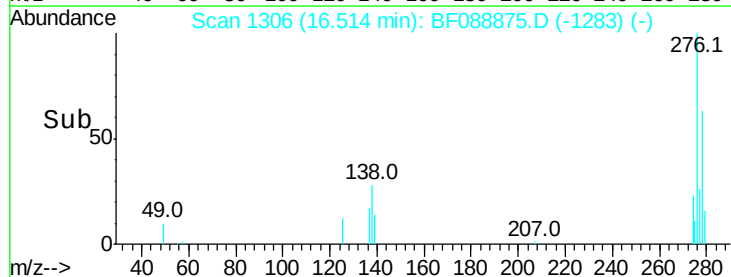
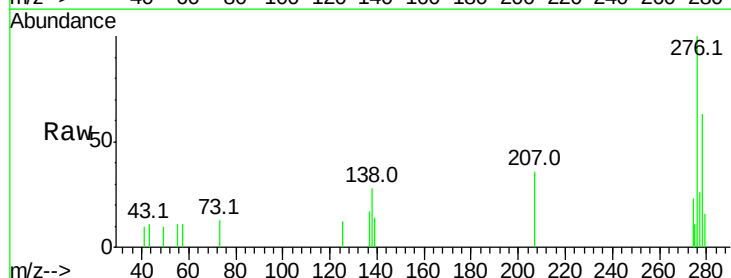
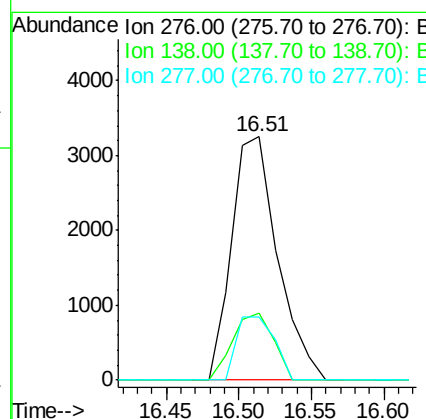
Manual Integrations

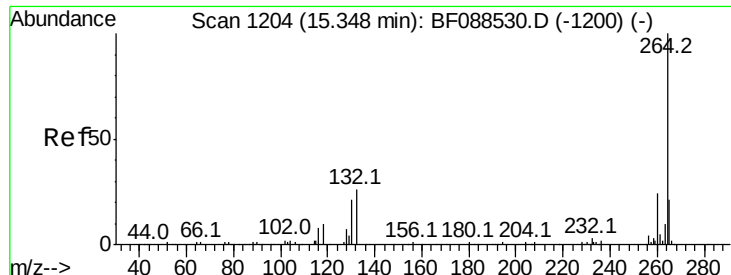
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#85
Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.5	0.0	0.0	
277	21.3	0.0	0.0	





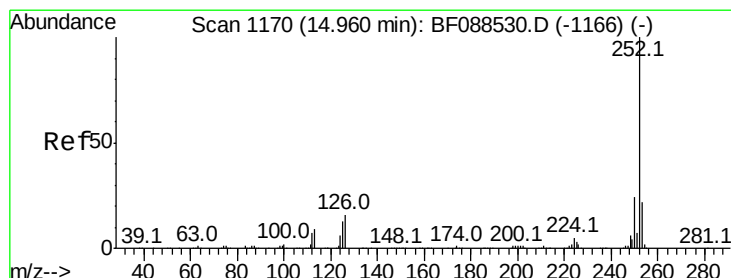
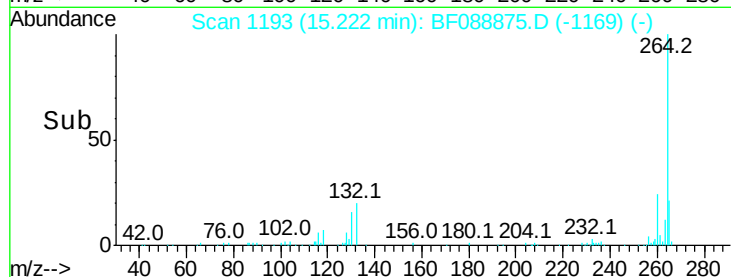
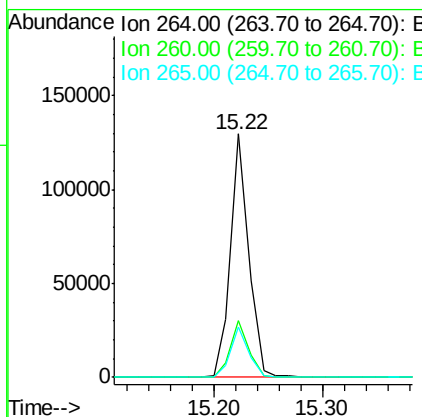
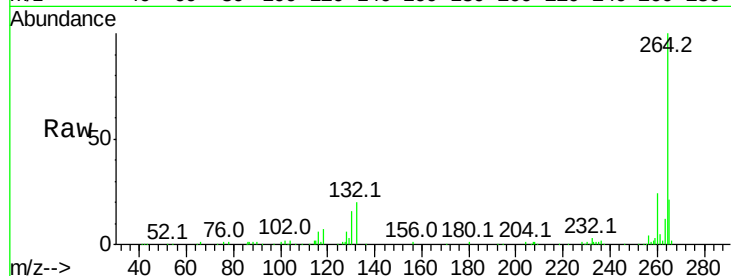
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.7	16.9	25.3

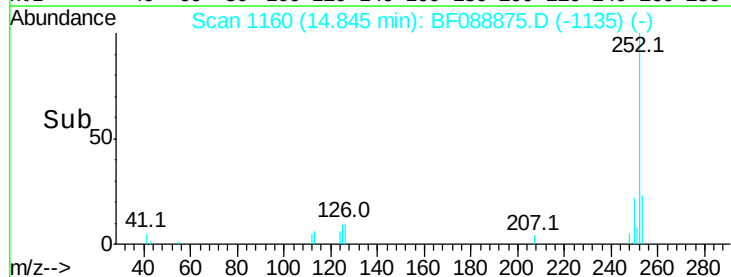
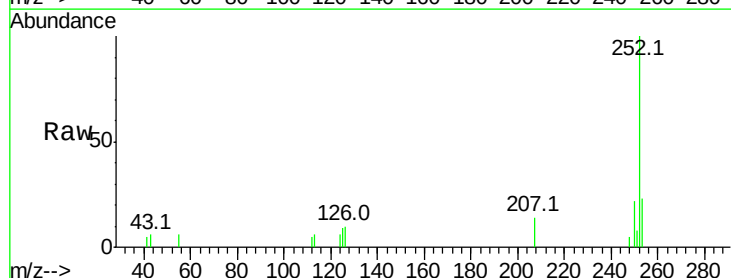
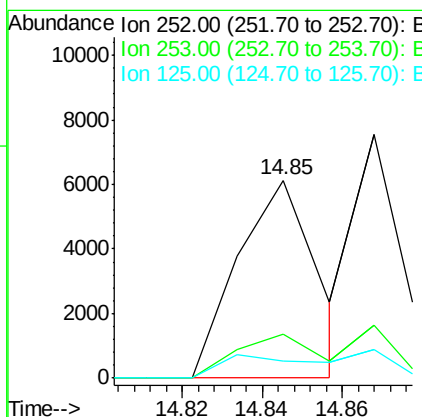
Manual Integrations

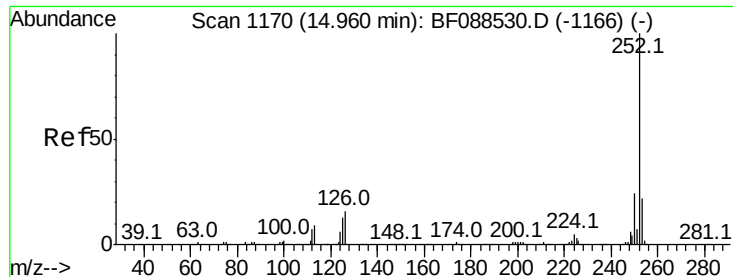
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#87
 Benzo(b)fluoranthene
 Concen: 0.89 ng m
 RT: 14.85 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	8.6	7.1	10.7





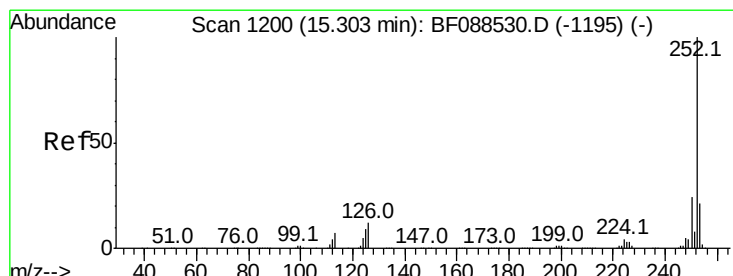
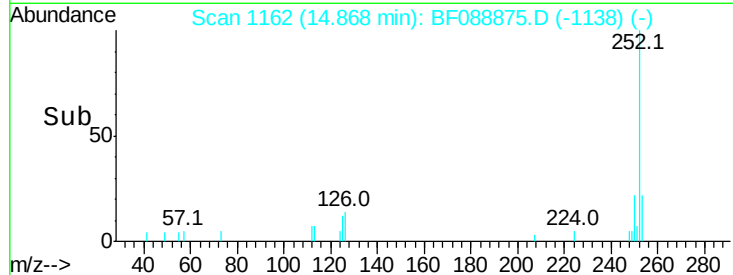
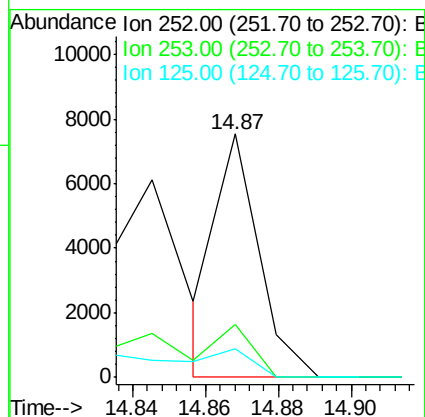
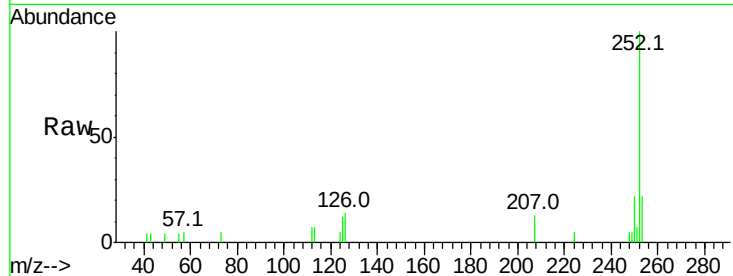
#88
Benzo(k)fluoranthene
Concen: 0.74 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Instrument :
BNA_F
ClientSampleId :
P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.6	11.2	16.8

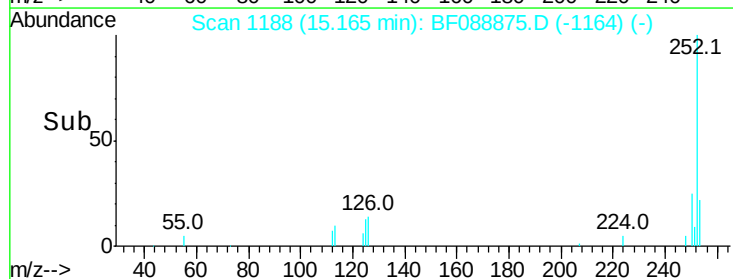
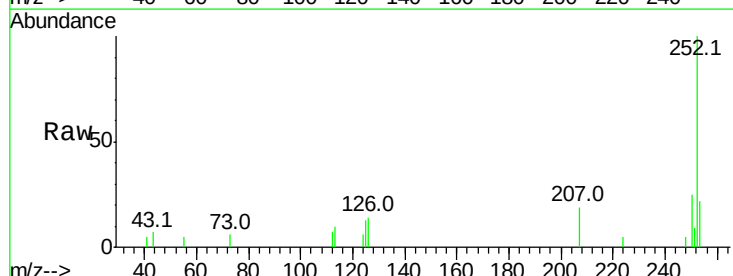
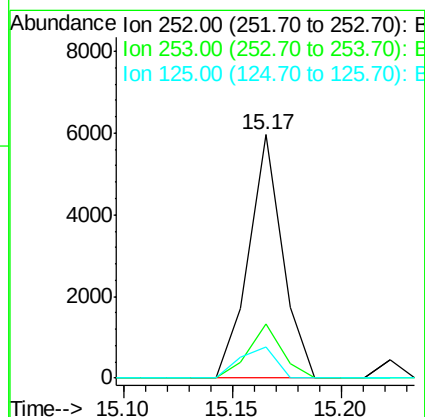
Manual Integrations

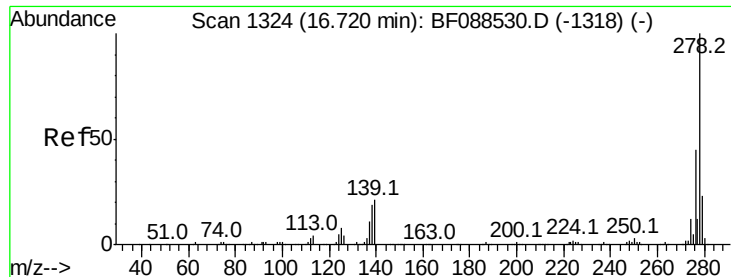
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#89
Benzo(a)pyrene
Concen: 0.81 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF088875.D
Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.9	12.5	18.7





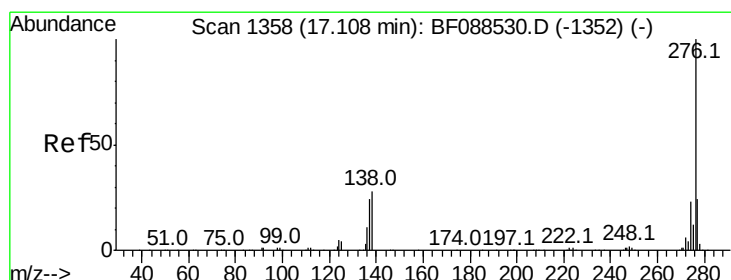
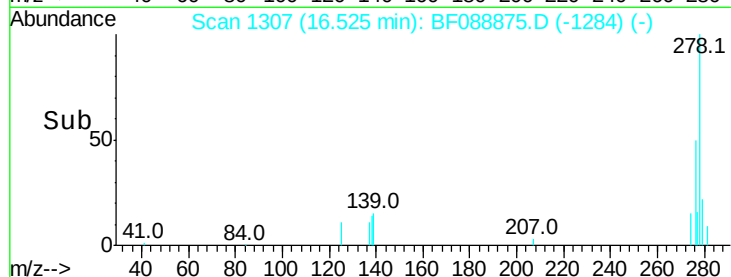
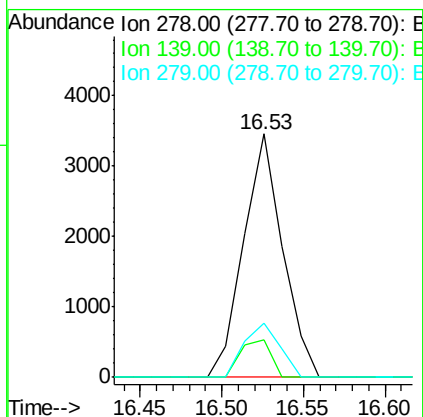
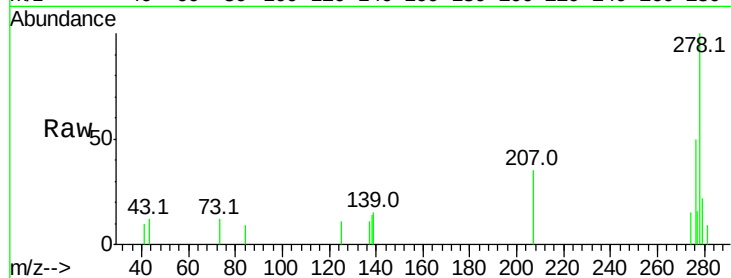
#90
 Dibenzo(a,h)anthracene
 Concen: 0.86 ng
 RT: 16.53 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.7	23.5#
279	22.2	19.4	29.2

Manual Integrations

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#91
 Benzo(g,h,i)perylene
 Concen: 0.91 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF088875.D
 Acq: 9 Jul 2016 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	23.2	21.4	32.2

