

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088504.D
 Acq On : 29 Jun 2016 20:34
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations

sohil
 6/30/2016 7:46:39 PM

Quant Time: Jun 30 01:28:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 01:10:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131344	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	528258	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	233709	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	395816	20.00	ng	0.00
75) Chrysene-d12	13.97	240	218986	20.00	ng	0.00
86) Perylene-d12	15.36	264	269382	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	971930	124.00	ng	0.00
7) Phenol-d6	6.46	99	1198351	124.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	1142579	124.30	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	209928	89.09	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1516195	85.96	ng	0.00
78) Terphenyl-d14	12.93	244	1201255	120.77	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	254829	66.53	ng	# 30
3) Pyridine	3.10	79	749044	80.75	ng	97
4) n-Nitrosodimethylamine	3.06	42	308973	78.99	ng	99
6) Aniline	6.49	93	934456	68.12	ng	98
8) 2-Chlorophenol	6.60	128	517458	56.70	ng	94
9) Benzaldehyde	6.36	77	260142	43.56	ng	97
10) Phenol	6.47	94	629079	52.77	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	601259	71.68	ng	88
12) 1,3-Dichlorobenzene	6.76	146	553435	56.43	ng	97
13) 1,4-Dichlorobenzene	6.84	146	597168	59.95	ng	96
14) 1,2-Dichlorobenzene	6.99	146	478827	53.93	ng	97
15) Benzyl Alcohol	6.97	79	516188	68.40	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	819672	71.89	ng	99
17) 2-Methylphenol	7.08	107	478883	64.32	ng	96
18) Hexachloroethane	7.34	117	221332	62.82	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	448669	72.21	ng	# 90
20) 3+4-Methylphenols	7.23	107	514893	58.99	ng	96
22) Acetophenone	7.24	105	753875	63.45	ng	# 86
24) Nitrobenzene	7.42	77	639609	70.84	ng	# 80
25) Isophorone	7.66	82	1141373	66.34	ng	96
26) 2-Nitrophenol	7.72	139	226404	50.20	ng	92
27) 2,4-Dimethylphenol	7.77	122	534892	62.31	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	662277	62.74	ng	99
29) 2,4-Dichlorophenol	7.96	162	409782	56.46	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	466091	58.99	ng	98
31) Naphthalene	8.14	128	1563824	59.12	ng	99
32) Benzoic acid	7.88	122	194703	45.11	ng	97
33) 4-Chloroaniline	8.18	127	697487	60.10	ng	# 94
34) Hexachlorobutadiene	8.25	225	223259	54.39	ng	98
35) Caprolactam	8.56	113	126705	54.31	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	482654	61.75	ng	88
37) 2-Methylnaphthalene	8.82	142	928026	54.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	363848	53.21	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	237764	62.75	ng	99

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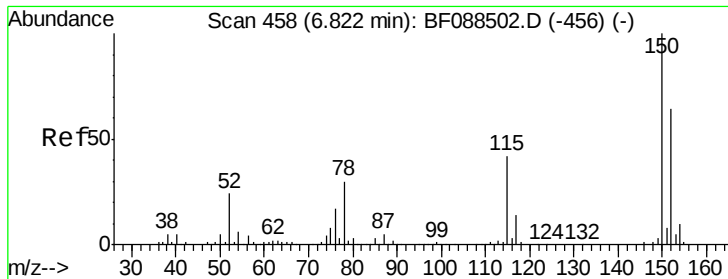
Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	261033m	55.84	nq	
43) 2,4,5-Trichlorophenol	9.13	196	266567m	54.73	nq	
45) 1,1'-Biphenyl	9.29	154	1119974	58.64	nq	94
46) 2-Chloronaphthalene	9.31	162	881500	57.97	nq	92
47) 2-Nitroaniline	9.40	65	295337	67.31	nq	# 59
48) Acenaphthylene	9.72	152	1411913	57.96	nq	98
49) Dimethylphthalate	9.59	163	913643	53.36	nq	99
50) 2,6-Dinitrotoluene	9.64	165	205951	52.04	nq	# 86
51) Acenaphthene	9.90	154	841963	55.94	nq	100
52) 3-Nitroaniline	9.82	138	276614	63.53	nq	# 75
53) 2,4-Dinitrophenol	9.91	184	46949	38.20	nq	# 76
54) Dibenzofuran	10.07	168	1246906	60.04	nq	93
55) 4-Nitrophenol	9.96	139	198087	60.11	nq	# 76
56) 2,4-Dinitrotoluene	10.04	165	280452	55.47	nq	# 76
57) Fluorene	10.41	166	834712	51.72	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	216545	57.68	nq	98
59) Diethylphthalate	10.28	149	929981	53.73	nq	100
60) 4-Chlorophenyl-phenylether	10.40	204	337462	48.84	nq	97
61) 4-Nitroaniline	10.42	138	206361	49.99	nq	82
62) Azobenzene	10.56	77	1192911	68.07	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	80146	41.98	nq	# 76
65) n-Nitrosodiphenylamine	10.51	169	793154	60.86	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	244506	57.85	nq	# 91
67) Hexachlorobenzene	10.95	284	232214	52.90	nq	97
68) Atrazine	11.05	200	252441	64.48	nq	95
69) Pentachlorophenol	11.14	266	140653	62.71	nq	99
70) Phenanthrene	11.36	178	1096464	52.36	nq	100
71) Anthracene	11.42	178	1302699	62.18	nq	99
72) Carbazole	11.57	167	1070224	54.09	nq	99
73) Di-n-butylphthalate	11.91	149	1353923	54.77	nq	100
74) Fluoranthene	12.54	202	1125346	52.75	nq	100
76) Benzidine	12.66	184	398062	63.39	nq	99
77) Pyrene	12.77	202	999572	59.54	nq	100
79) Butylbenzylphthalate	13.39	149	463093	62.71	nq	98
80) Benzo(a)anthracene	13.95	228	861111	65.51	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	301234	84.09	nq	# 97
82) Chrysene	13.99	228	761396	62.04	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	664187	71.29	nq	100
84) Di-n-octyl phthalate	14.57	149	1145181	76.02	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.72	276	1075230	91.01	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	881890	48.00	nq	# 96
88) Benzo(k)fluoranthene	14.99	252	792914m	55.42	nq	
89) Benzo(a)pyrene	15.31	252	874808	57.96	nq	# 95
90) Dibenzo(a,h)anthracene	16.74	278	874106	61.33	nq	# 94
91) Benzo(g,h,i)perylene	17.14	276	918220	62.60	nq	98

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



#1

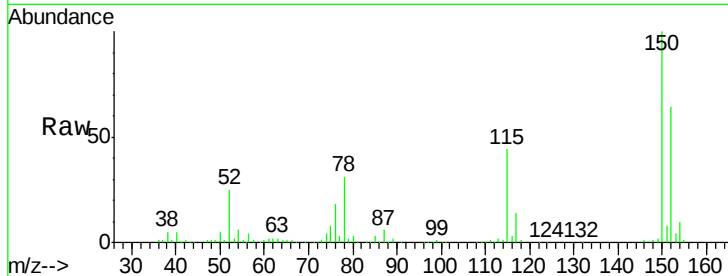
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	69.2	52.3	78.5

Manual Integrations

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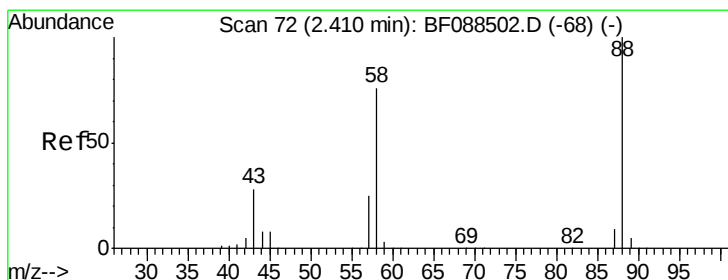
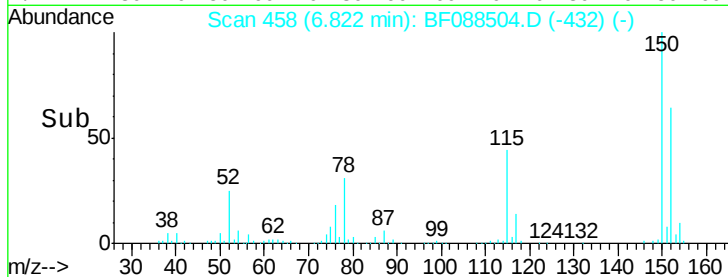
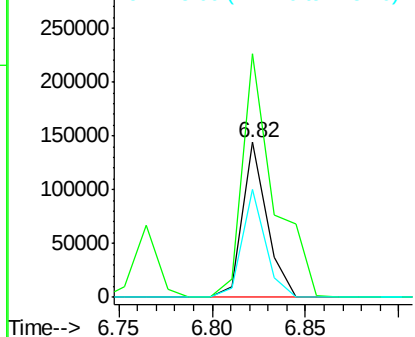


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

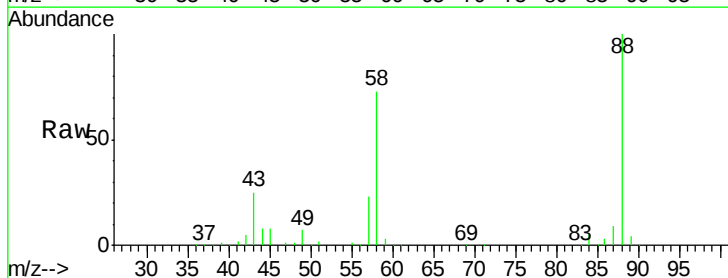
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 66.53 ng
RT: 2.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	0.0	0.0#
43	27.1	3.2	4.8#

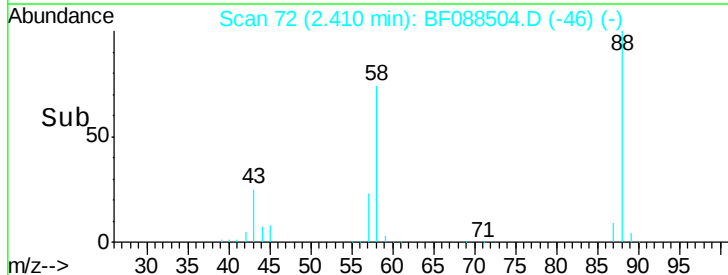
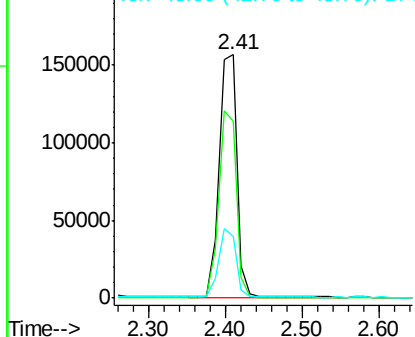


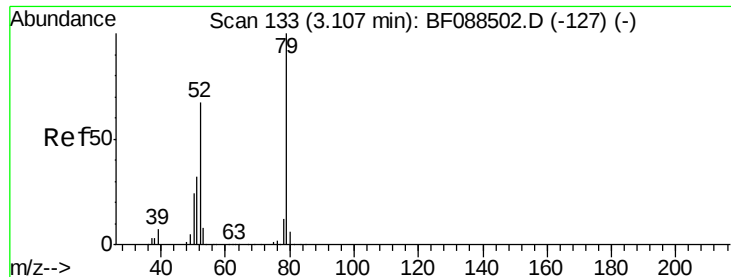
Abundance

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: 80.75 ng

RT: 3.10 min Scan# 132

Delta R.T. -0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 749044

Ion Ratio Lower Upper

79 100

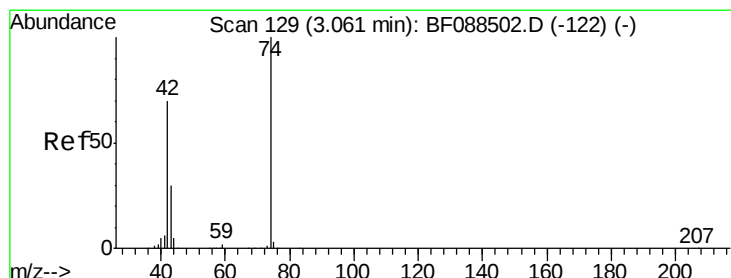
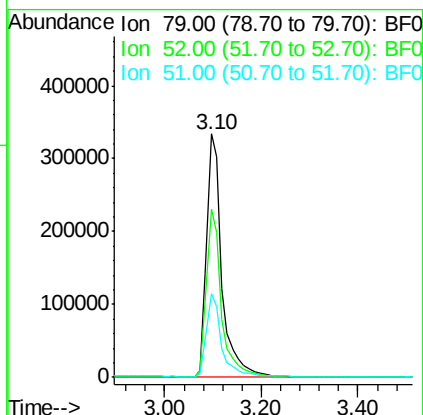
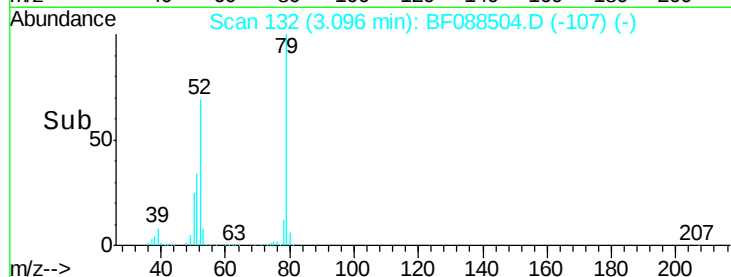
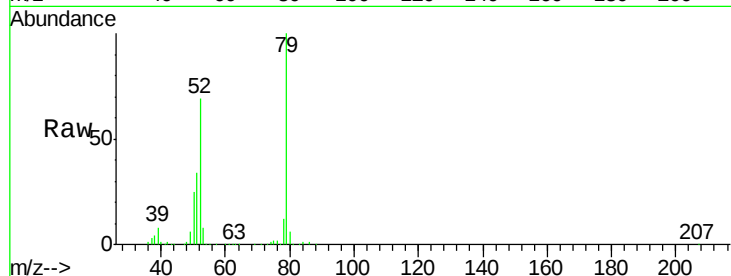
52 69.0 53.4 80.0

51 34.4 25.8 38.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 78.99 ng

RT: 3.06 min Scan# 129

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

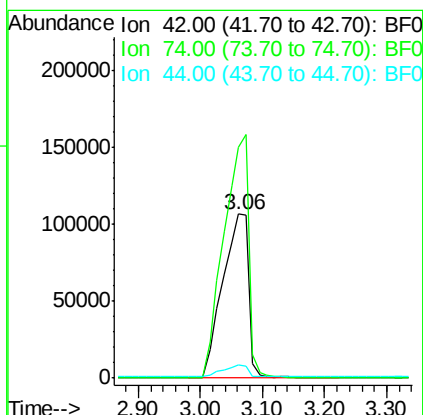
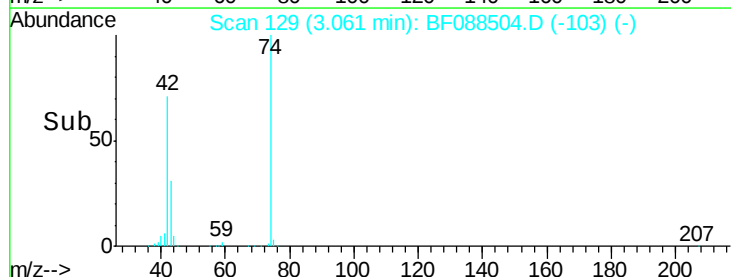
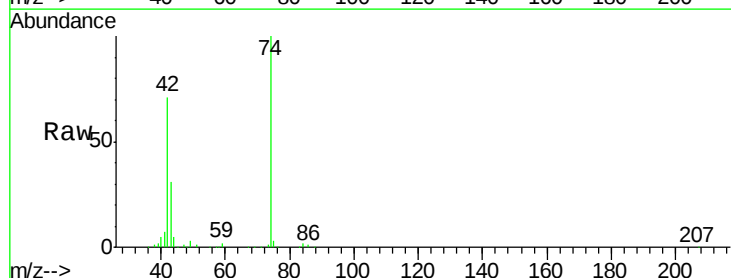
Tgt Ion: 42 Resp: 308973

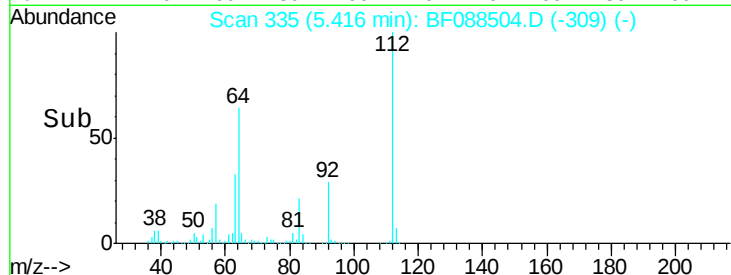
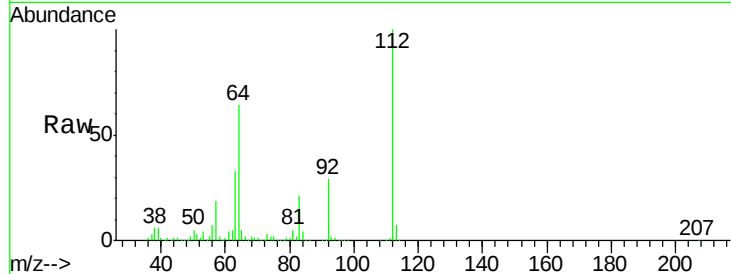
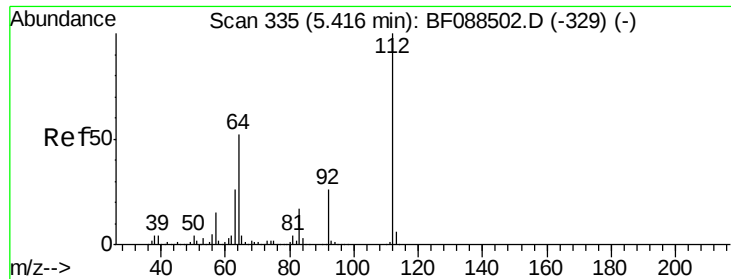
Ion Ratio Lower Upper

42 100

74 140.9 113.7 170.5

44 7.7 6.4 9.6





#5

2-Fluorophenol

Concen: 124.00 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Tot Ion:	112	Resp:	971930
Ion Ratio	Lower	Upper	
112	100		
64	64.1	41.5	62.3#
63	32.9	20.6	31.0#

Instrument :

BNA_F

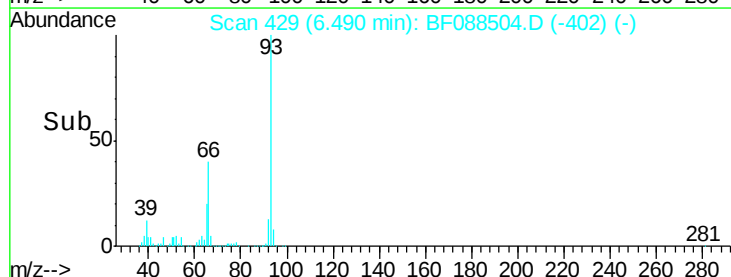
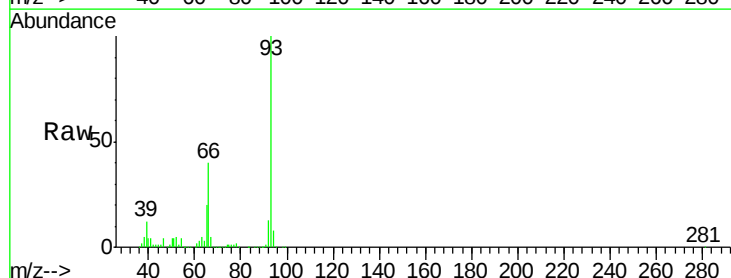
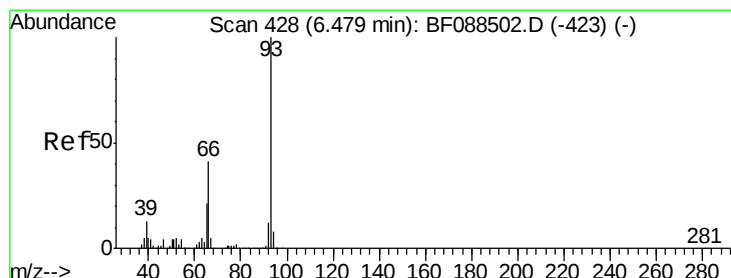
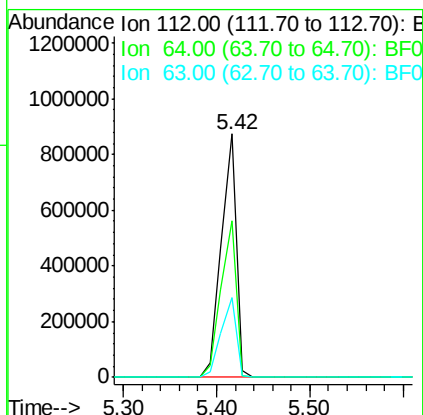
ClientSampleId :

SSTDICC060

Manual Integrations

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#6

Aniline

Concen: 68.12 ng

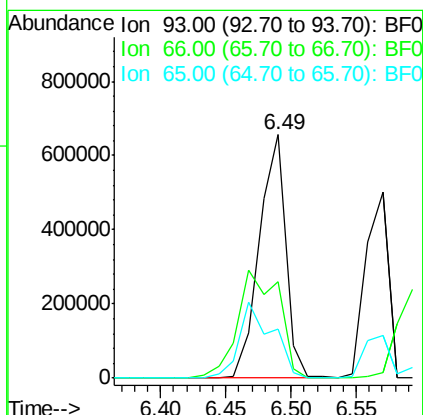
RT: 6.49 min Scan# 429

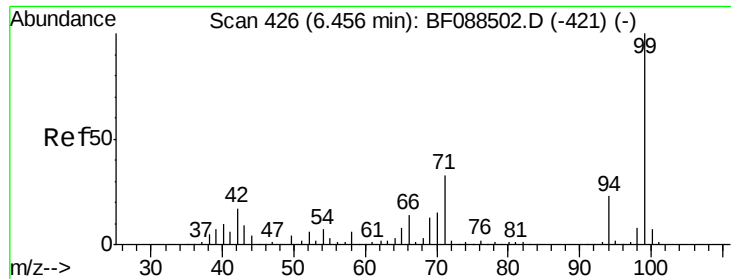
Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Tgt Ion:	93	Resp:	934456
Ion Ratio	Lower	Upper	
93	100		
66	39.8	33.0	49.6
65	20.0	16.5	24.7





#7

Phenol-d6

Concen: 124.61 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1198351

Ion Ratio Lower Upper

99 100

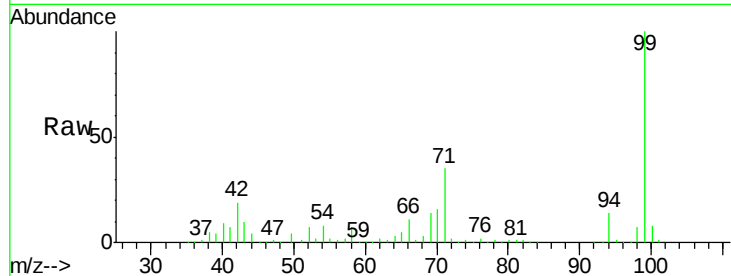
42 19.4 13.4 20.0

71 35.4 26.1 39.1

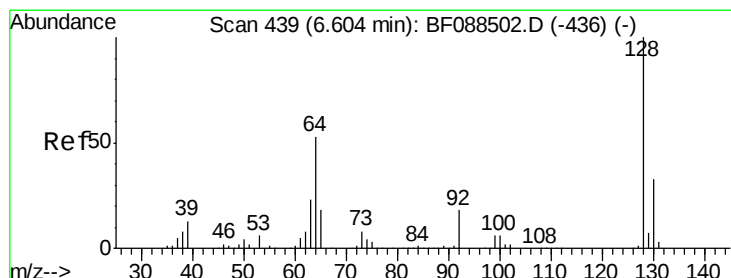
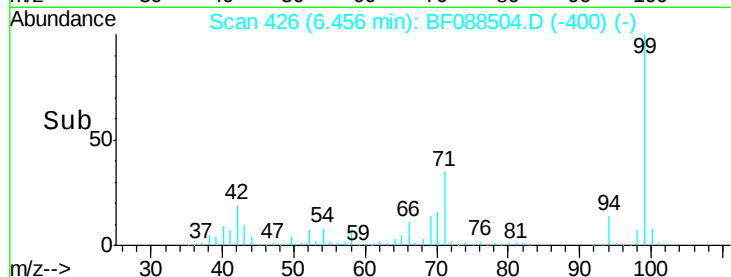
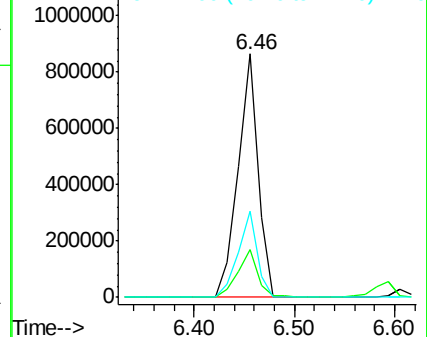
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 56.70 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

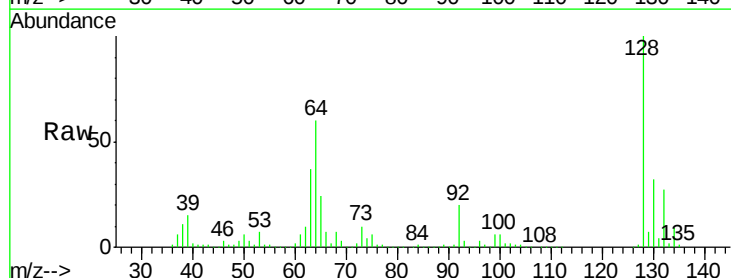
Tgt Ion: 128 Resp: 517458

Ion Ratio Lower Upper

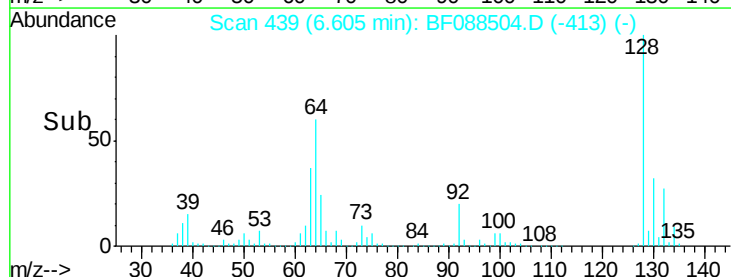
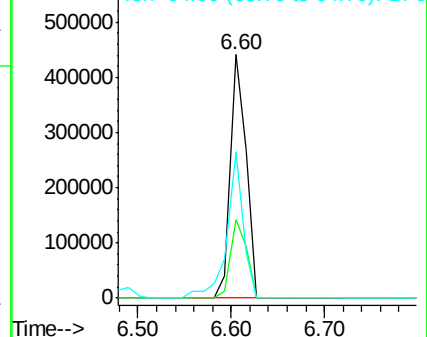
128 100

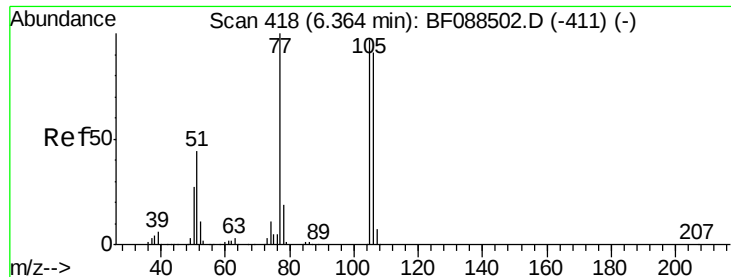
130 32.3 13.2 53.2

64 60.2 34.3 74.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.56 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 260142

Ion Ratio Lower Upper

77 100

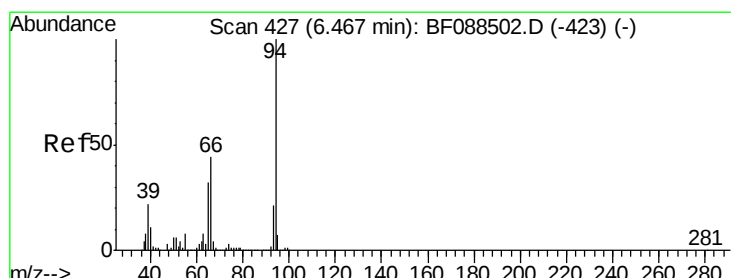
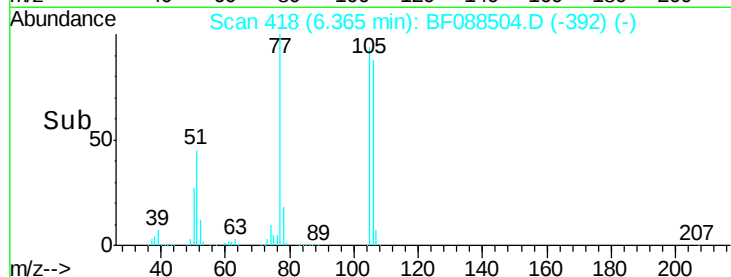
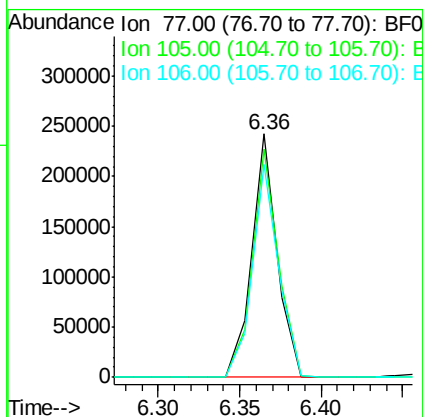
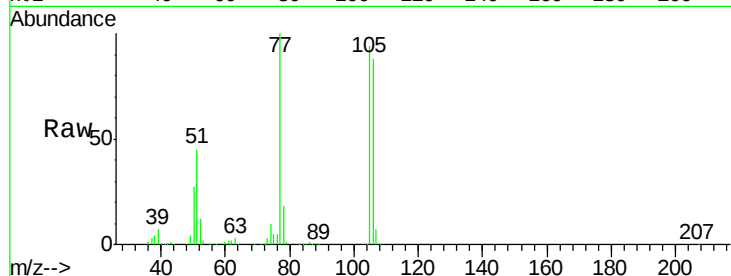
105 93.5 76.6 116.6

106 87.7 70.8 110.8

Manual Integrations

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#10

Phenol

Concen: 52.77 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

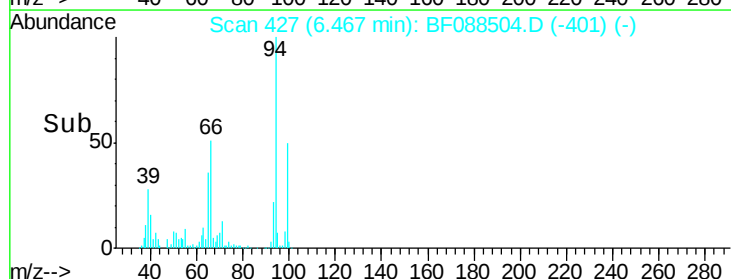
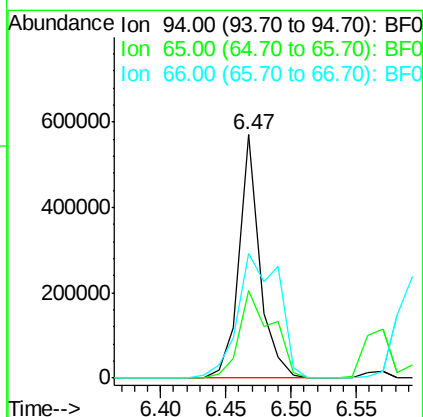
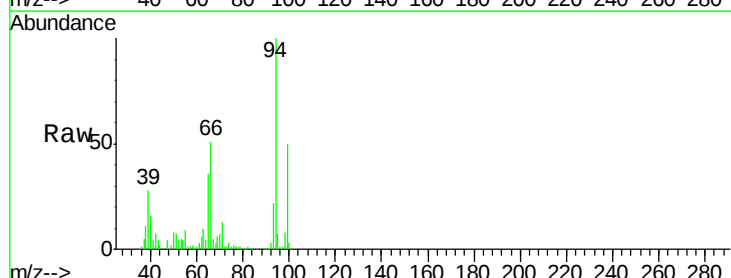
Tgt Ion: 94 Resp: 629079

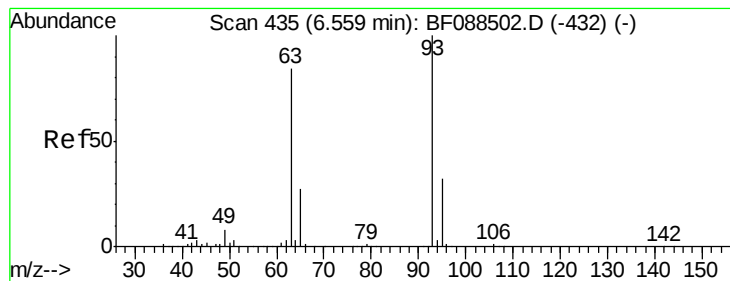
Ion Ratio Lower Upper

94 100

65 35.7 11.6 51.6

66 50.9 23.8 63.8





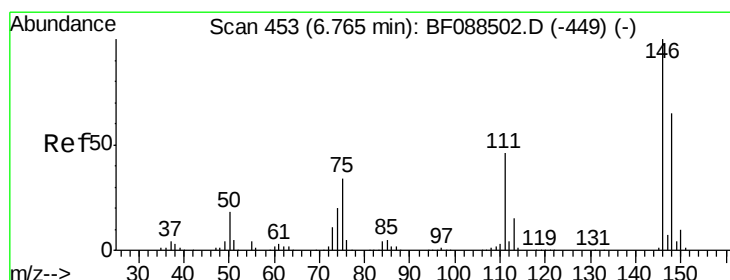
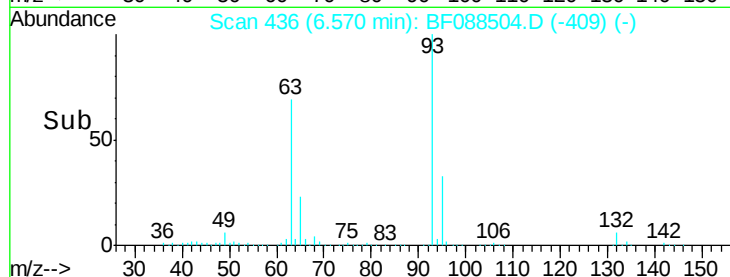
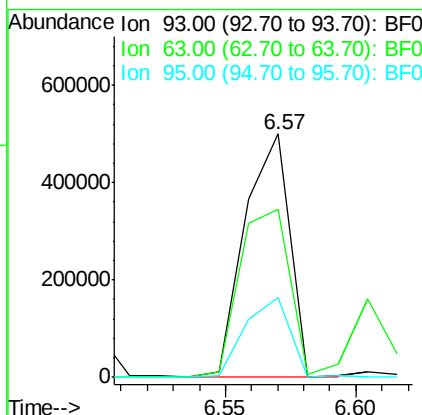
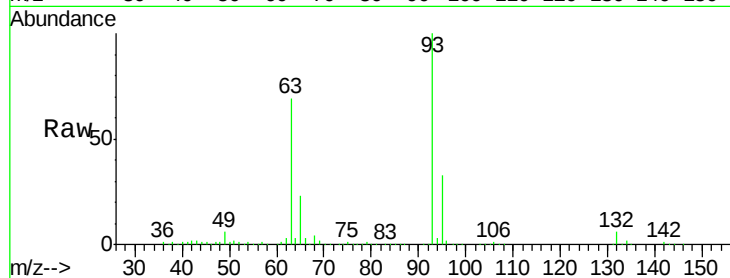
#11
bis(2-Chloroethyl)ether
Concen: 71.68 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.0	63.4	103.4
95	32.9	11.7	51.7

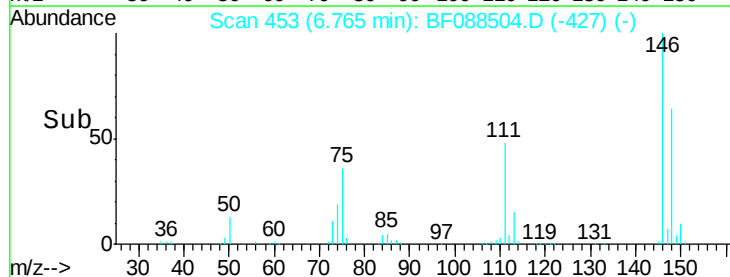
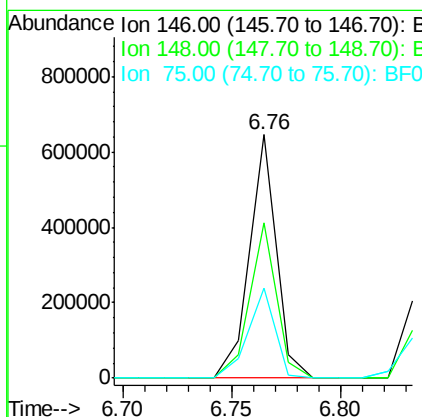
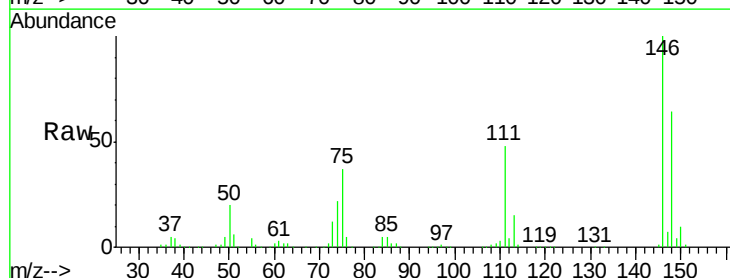
Manual Integrations

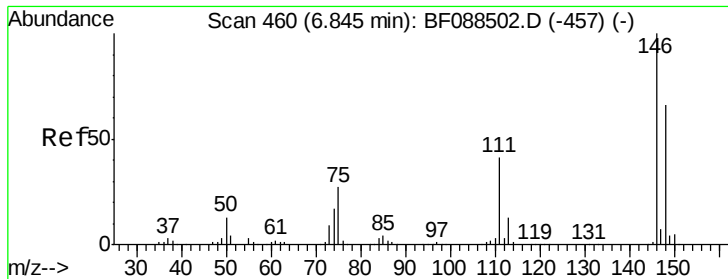
sohil
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#12
1,3-Dichlorobenzene
Concen: 56.43 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
75	36.9	26.8	40.2





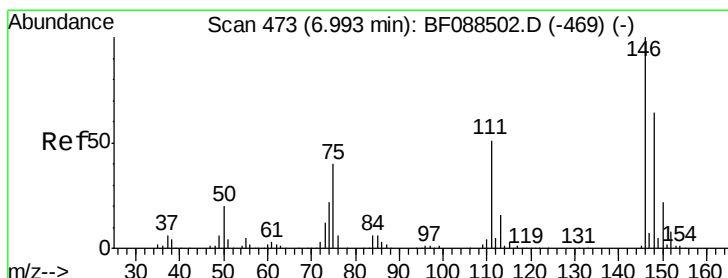
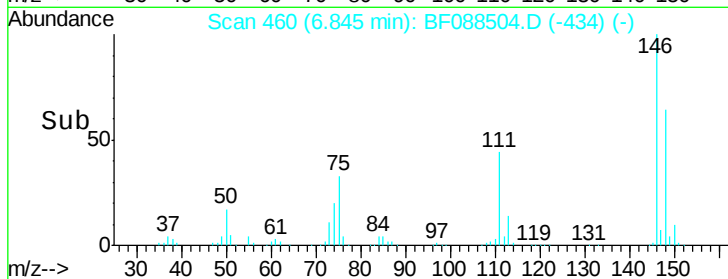
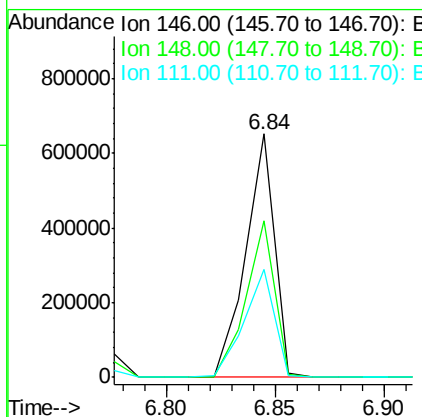
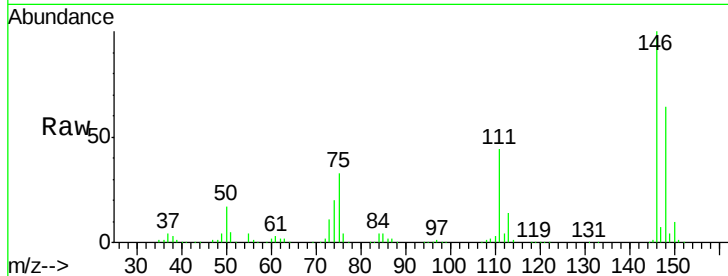
#13
 1,4-Dichlorobenzene
 Concen: 59.95 ng
 RT: 6.84 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.8	79.2
111	44.5	32.5	48.7

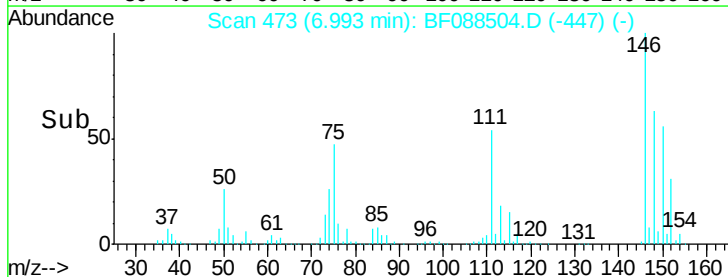
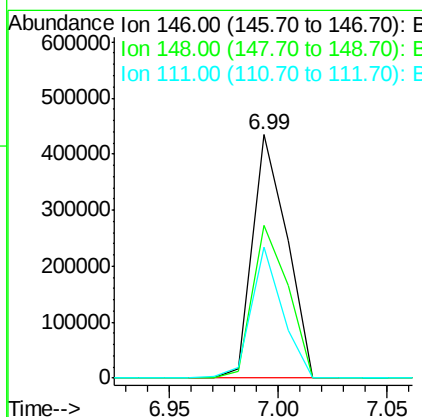
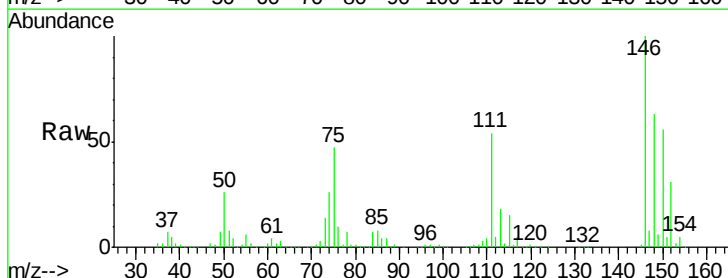
Manual Integrations

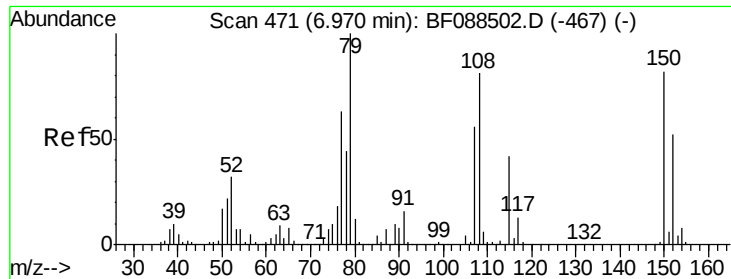
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#14
 1,2-Dichlorobenzene
 Concen: 53.93 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.1	76.7
111	54.0	40.5	60.7





#15

Benzyl Alcohol

Concen: 68.40 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 516188

Ion Ratio Lower Upper

79 100

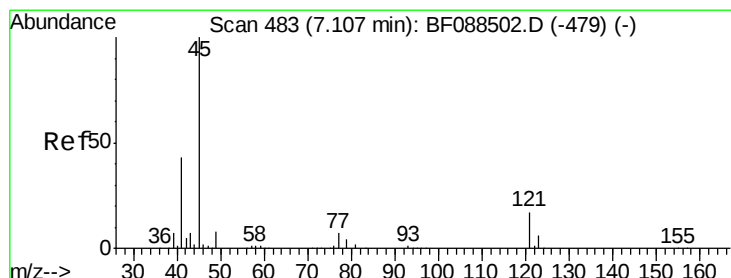
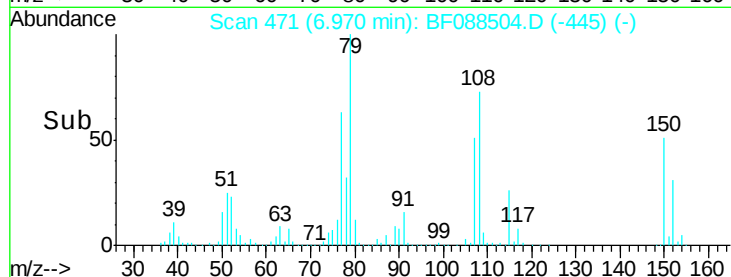
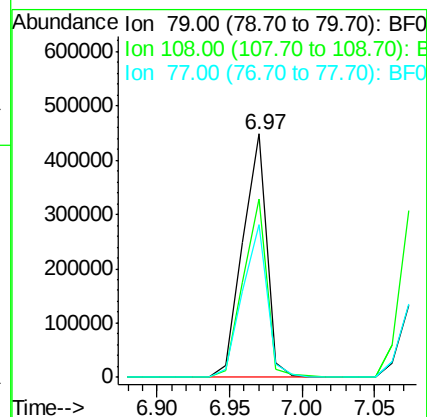
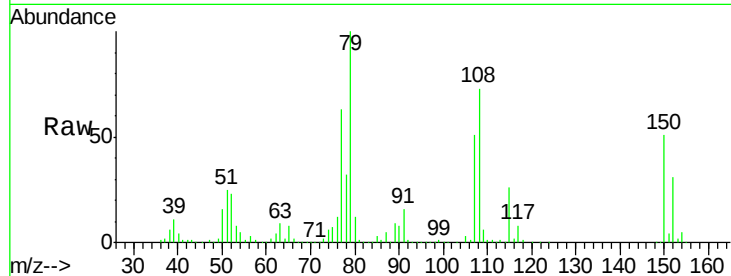
108 73.5 64.7 97.1

77 62.9 50.4 75.6

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 71.89 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

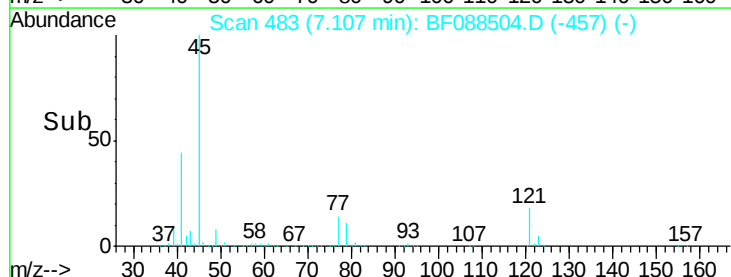
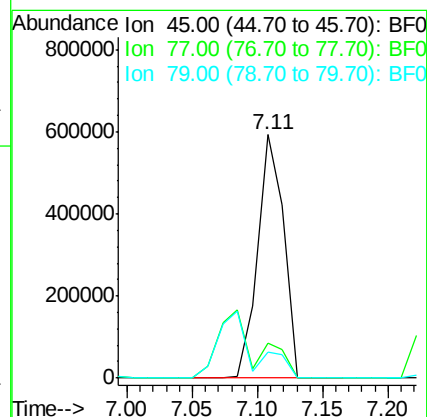
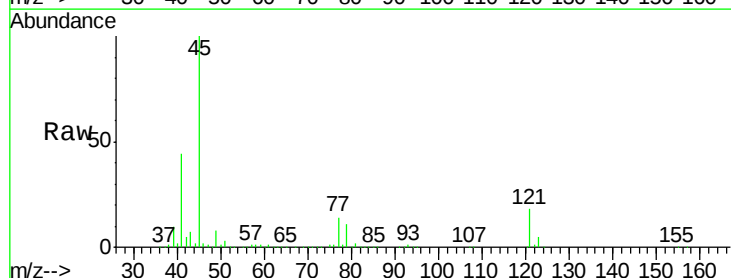
Tgt Ion: 45 Resp: 819672

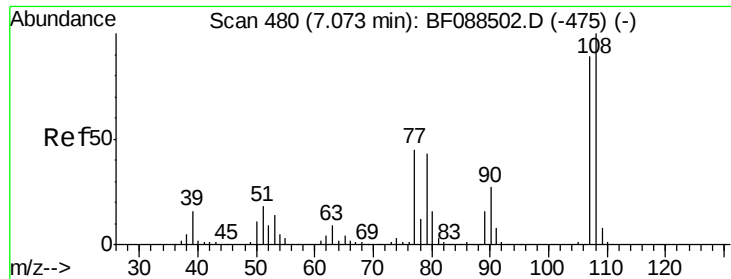
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.1

79 10.9 0.0 30.7





#17

2-Methylphenol

Concen: 64.32 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:107 Resp: 478883

Ion Ratio Lower Upper

107 100

108 111.2 90.0 135.0

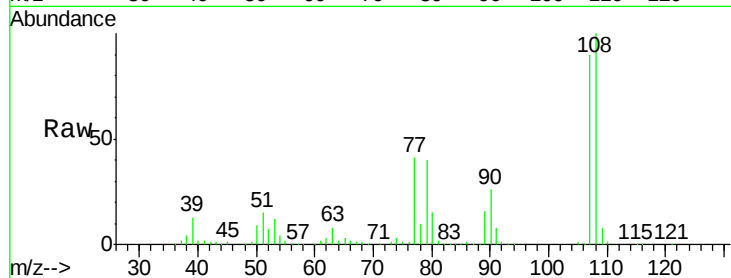
77 45.7 40.2 60.4

79 44.5 39.0 58.6

Manual Integrations

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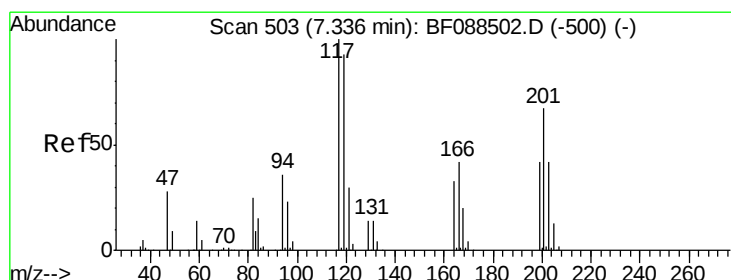
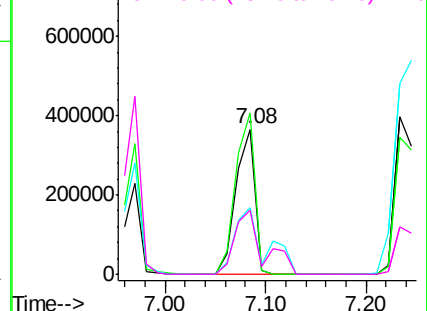
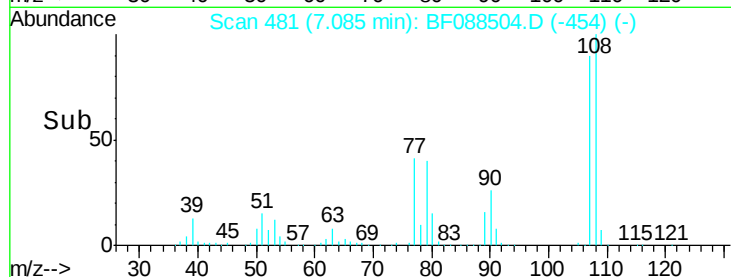
Abundance

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: 62.82 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

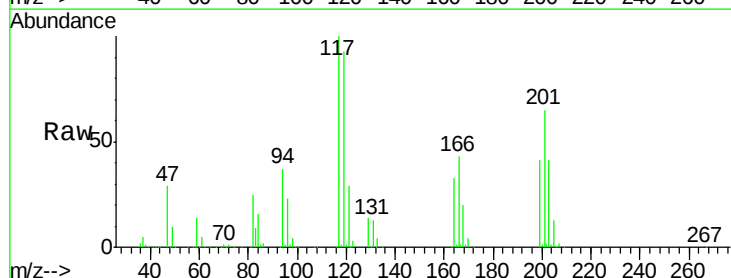
Tgt Ion:117 Resp: 221332

Ion Ratio Lower Upper

117 100

119 93.0 74.1 111.1

201 64.7 53.4 80.2

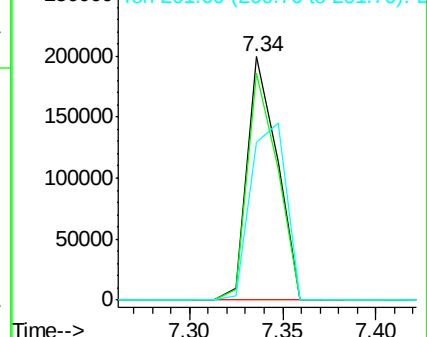
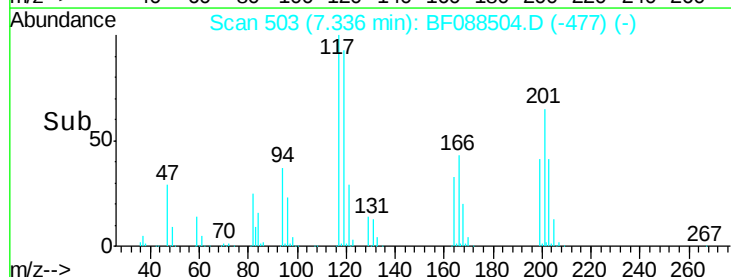


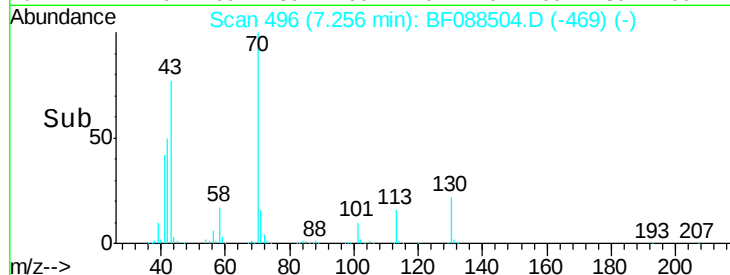
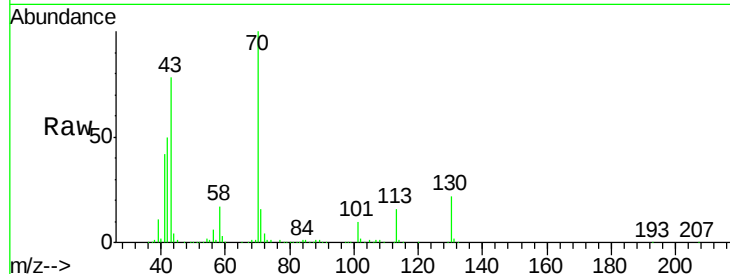
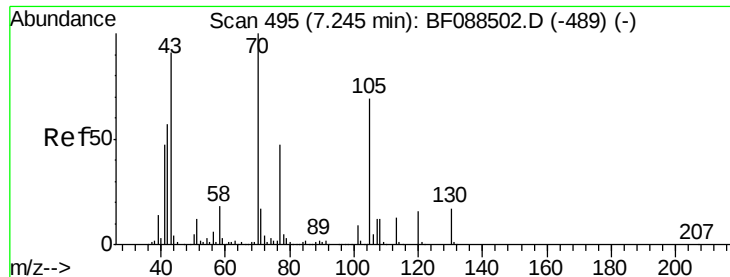
Abundance

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





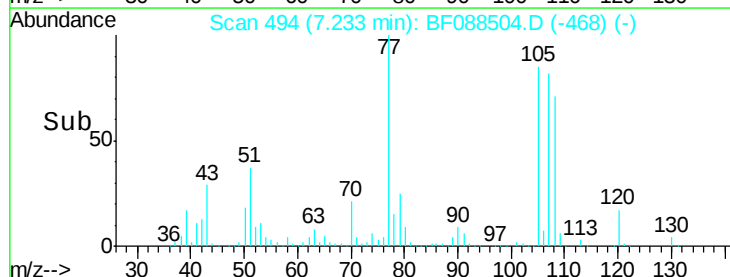
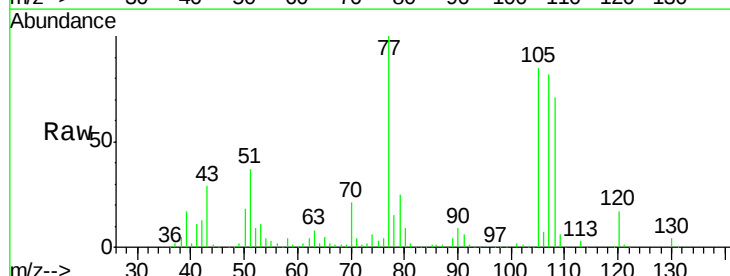
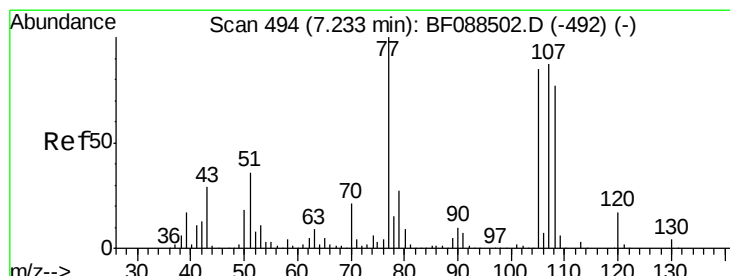
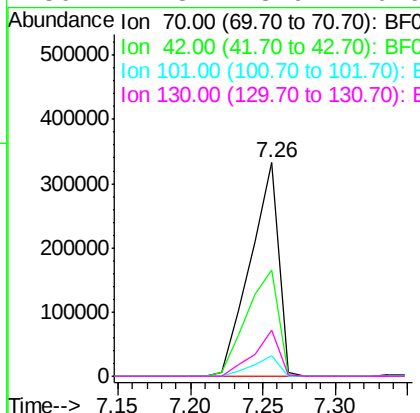
#19
n-Nitroso-di-n-propylamine
Concen: 72.21 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.8	45.9	68.9	
101	9.7	6.8	10.2	
130	21.8	13.9	20.9	

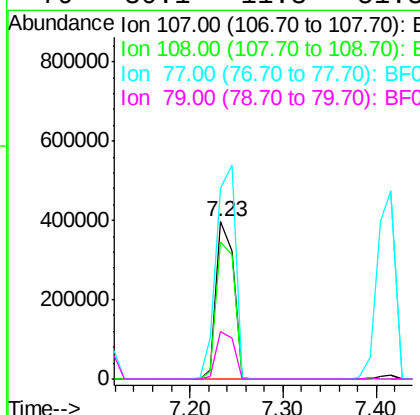
Manual Integrations

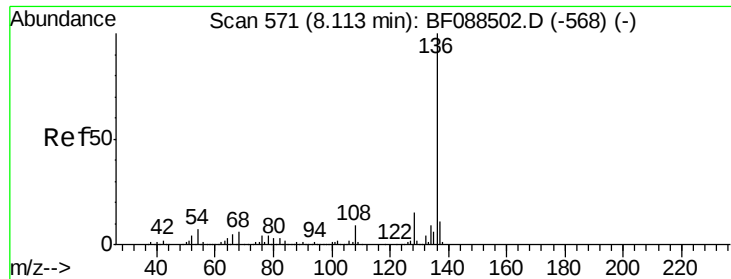
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#20
3+4-Methylphenols
Concen: 58.99 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	68.1	108.1	
77	121.6	95.1	135.1	
79	30.1	11.3	51.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:136 Resp: 528258

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

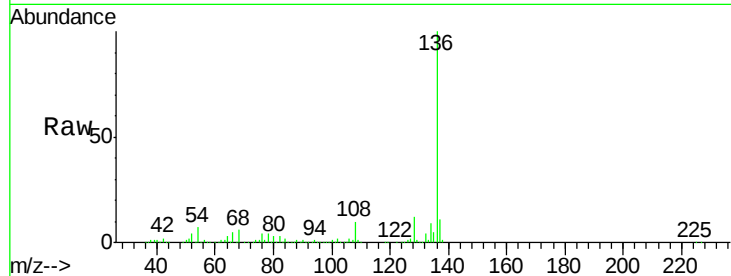
54 7.1 5.4 8.2

68 6.2 4.9 7.3

Manual Integrations

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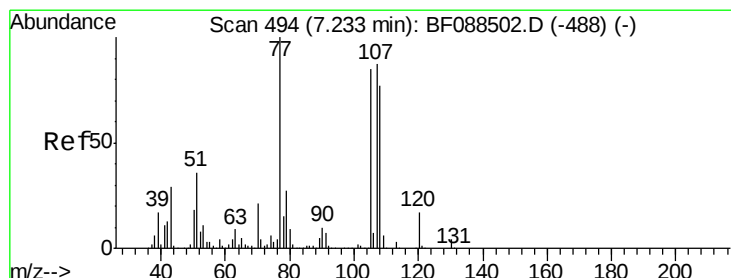
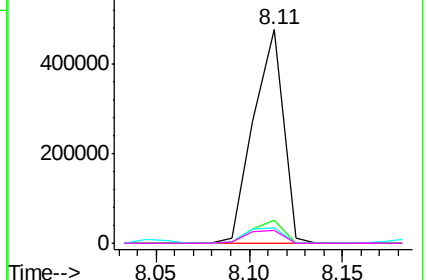
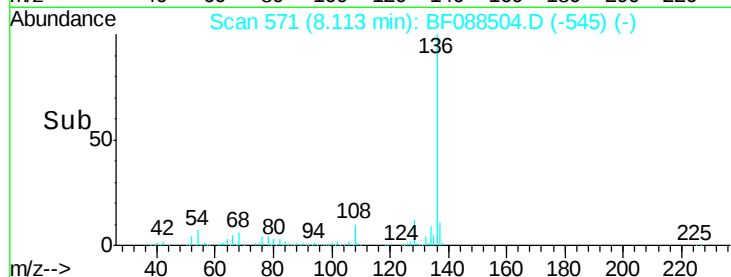


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 63.45 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Tgt Ion:105 Resp: 753875

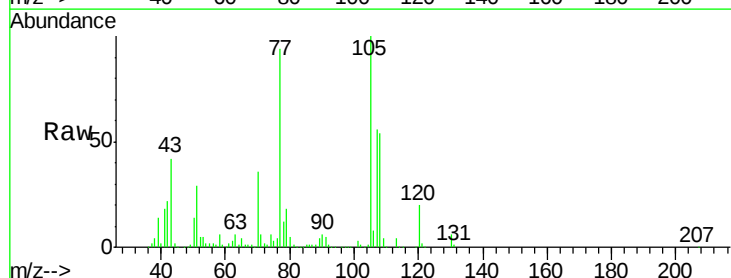
Ion Ratio Lower Upper

105 100

71 6.2 3.4 5.2#

51 29.0 33.6 50.4#

120 20.2 15.6 23.4

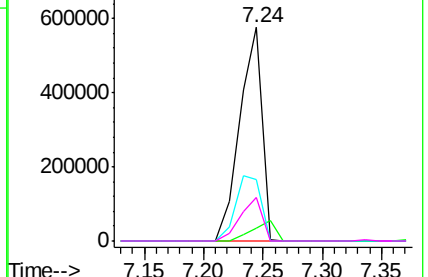
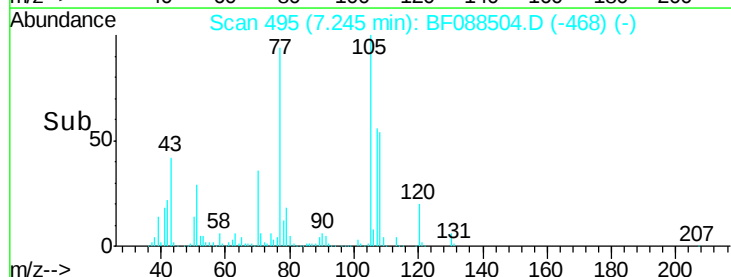


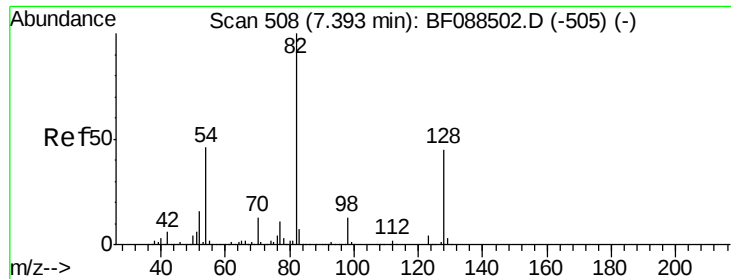
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





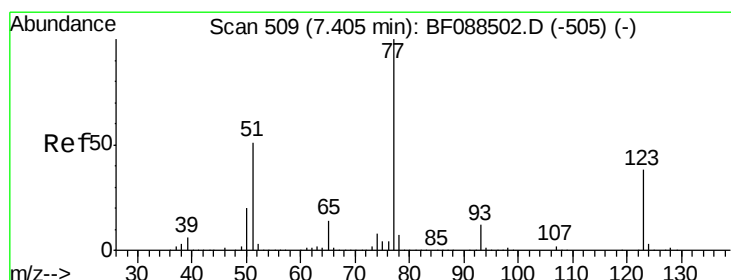
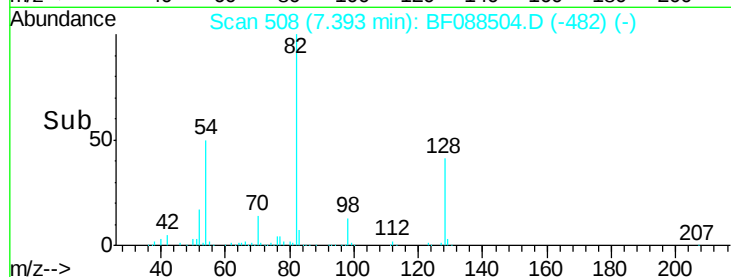
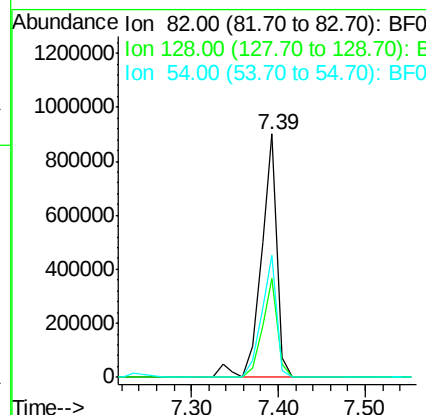
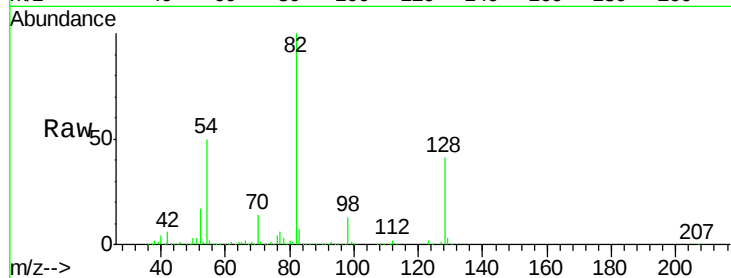
#23
Nitrobenzene-d5
Concen: 124.30 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	82	Resp	1142579
Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.8	53.8
54	50.3	37.1	55.7

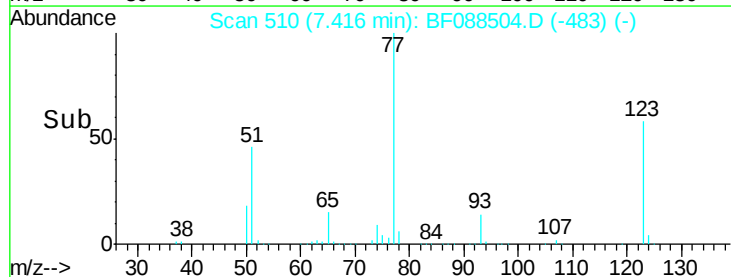
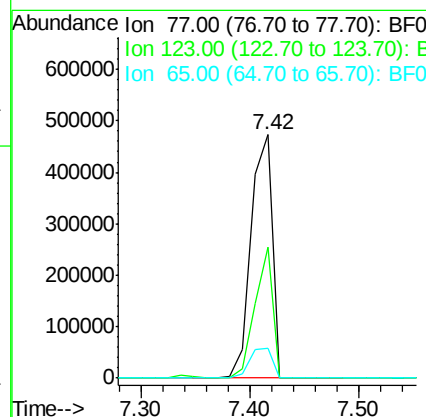
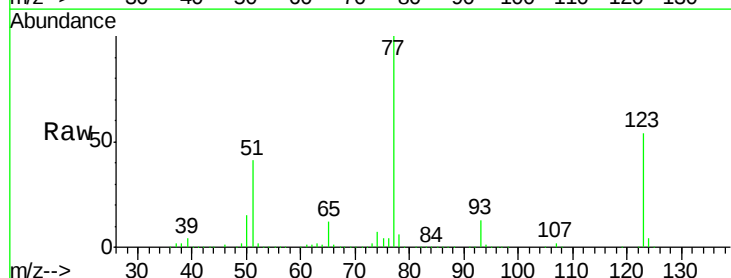
Manual Integrations

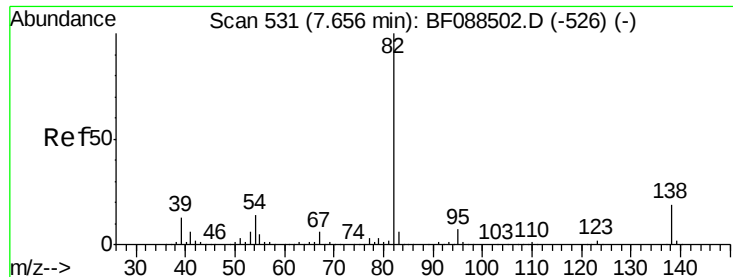
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#24
Nitrobenzene
Concen: 70.84 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	77	Resp	639609
Ion	Ratio	Lower	Upper
77	100		
123	54.0	30.7	46.1#
65	12.3	10.9	16.3





#25

Isophorone

Concen: 66.34 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1141373

Ion Ratio Lower Upper

82 100

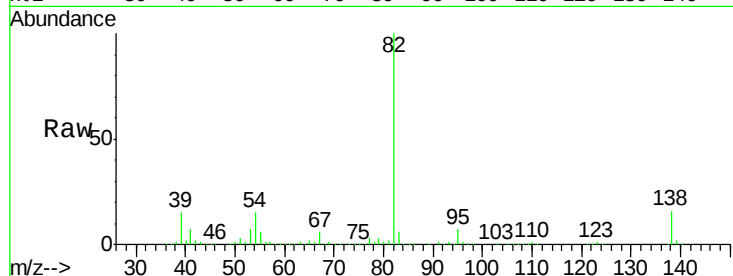
95 7.0 5.6 8.4

138 16.0 14.8 22.2

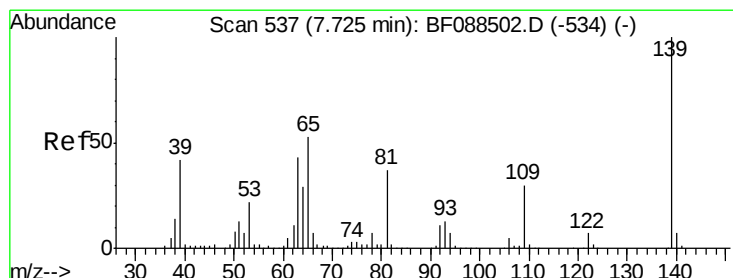
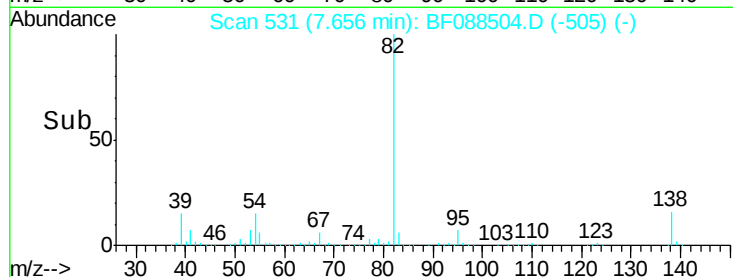
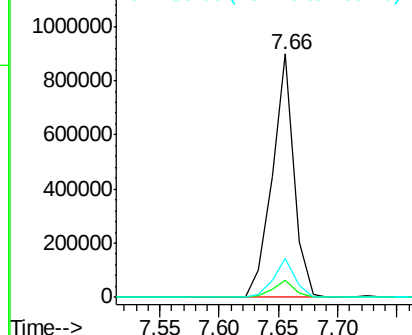
Manual Integrations

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.20 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

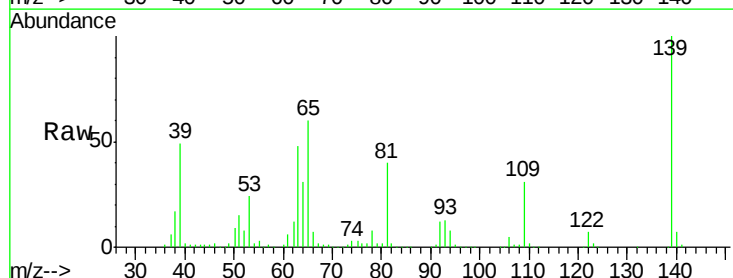
Tgt Ion: 139 Resp: 226404

Ion Ratio Lower Upper

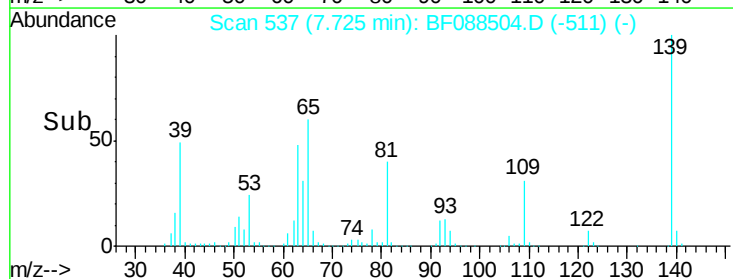
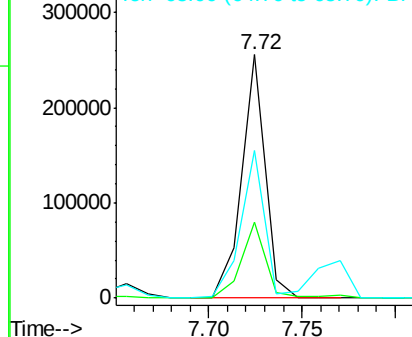
139 100

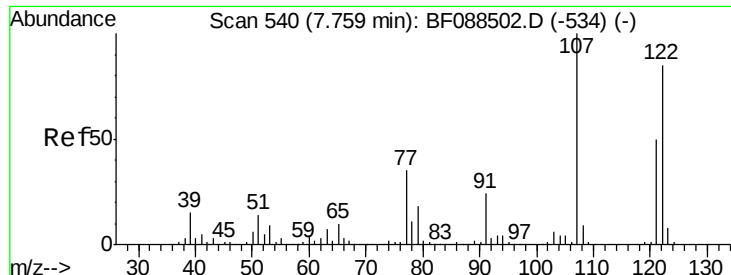
109 31.1 24.0 36.0

65 60.5 42.4 63.6



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





#27

2,4-Dimethylphenol

Concen: 62.31 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:122 Resp: 534892

Ion Ratio Lower Upper

122 100

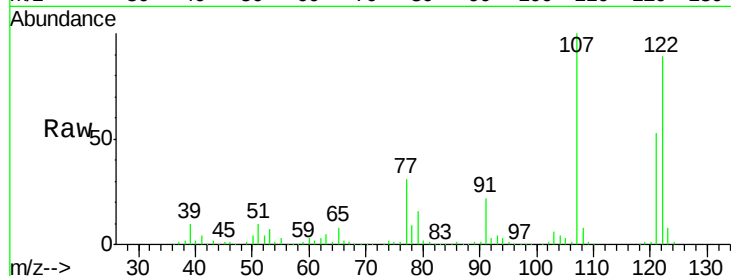
107 112.2 94.1 141.1

121 59.4 47.0 70.6

Manual Integrations

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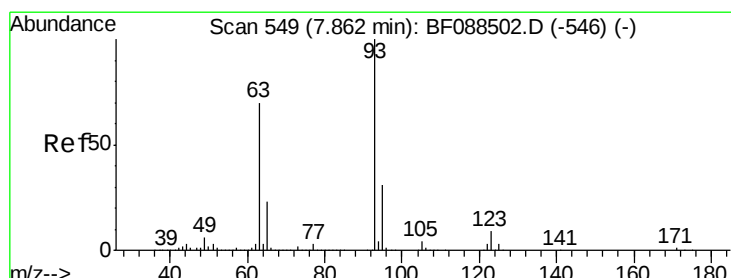
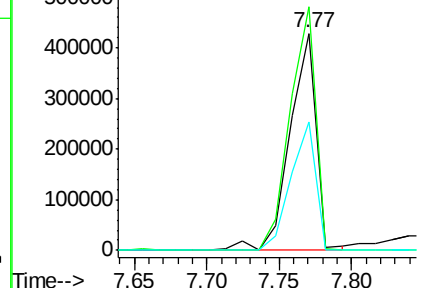
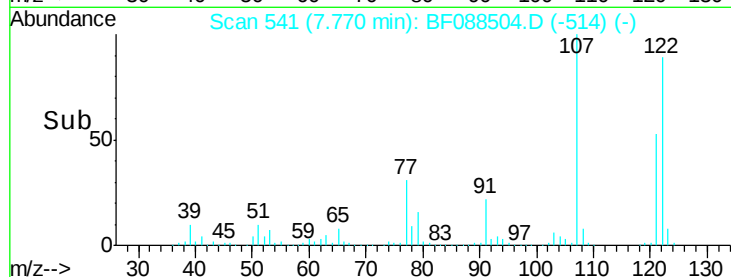
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 62.74 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

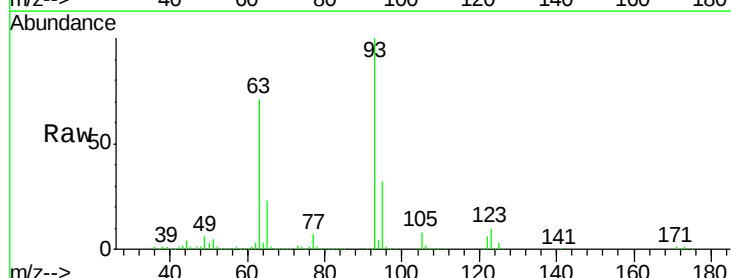
Tgt Ion: 93 Resp: 662277

Ion Ratio Lower Upper

93 100

95 31.8 25.1 37.7

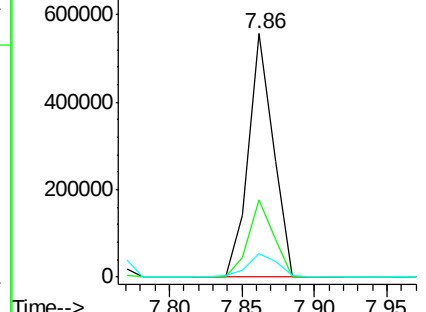
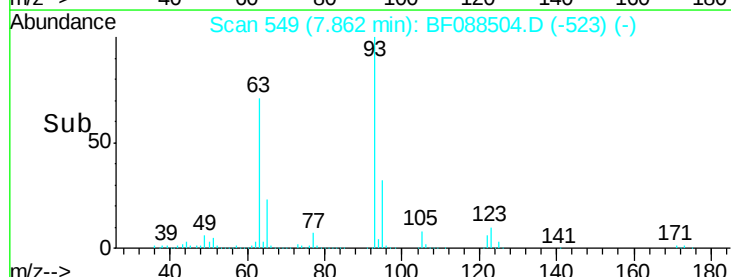
123 9.9 7.8 11.6

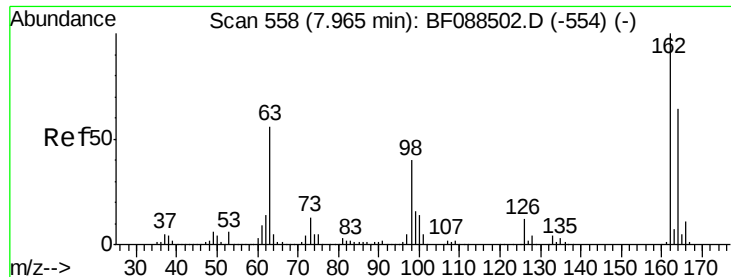


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





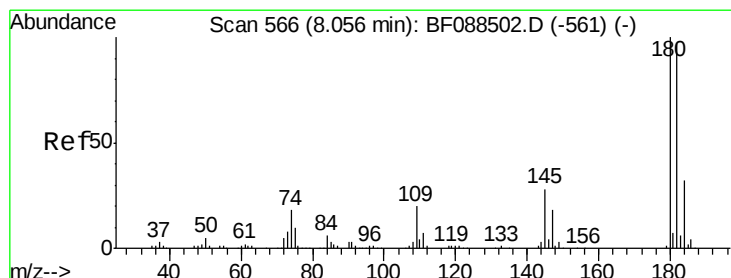
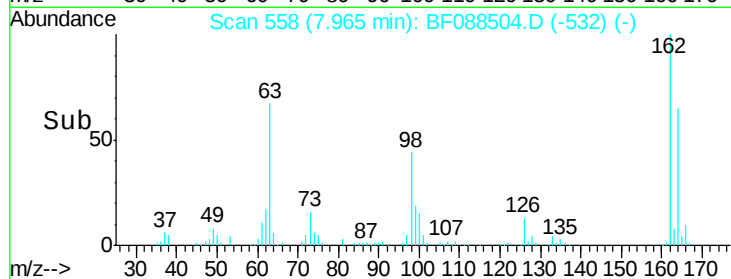
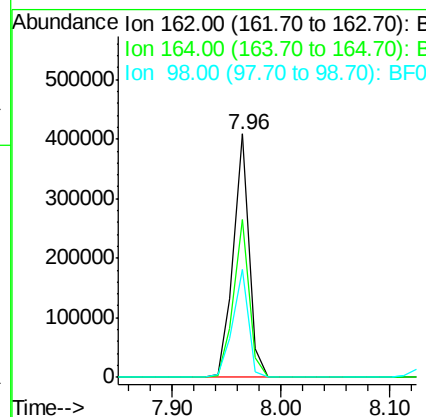
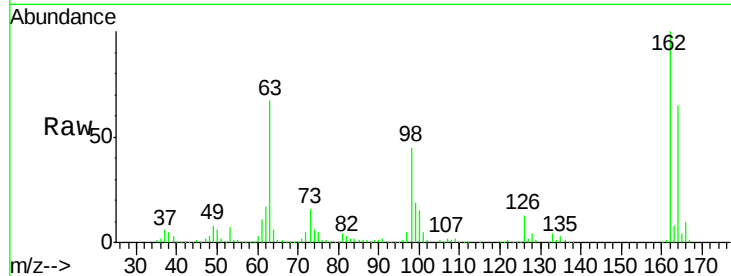
#29
2,4-Dichlorophenol
Concen: 56.46 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	44.5	20.5	60.5

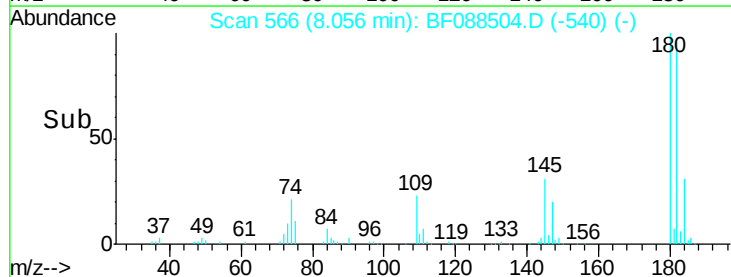
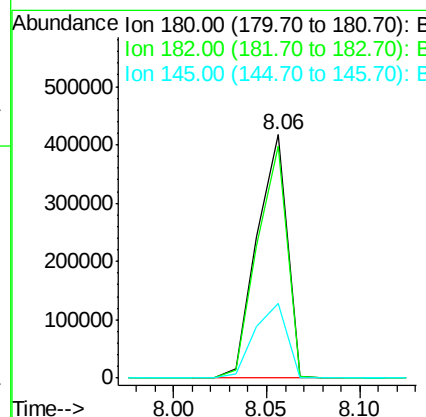
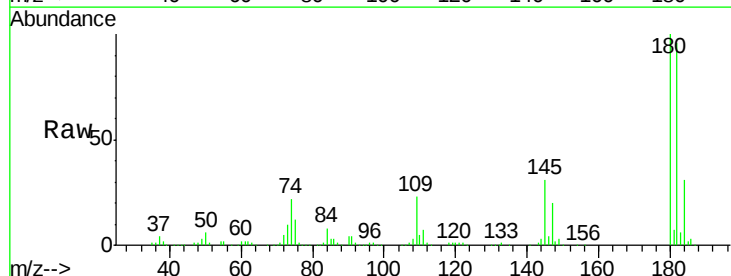
Manual Integrations

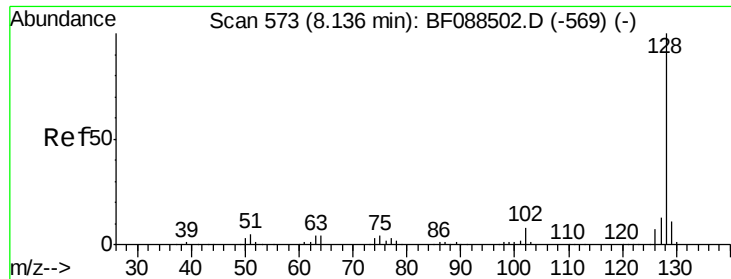
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#30
1,2,4-Trichlorobenzene
Concen: 58.99 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.4	116.0
145	30.9	22.6	33.8





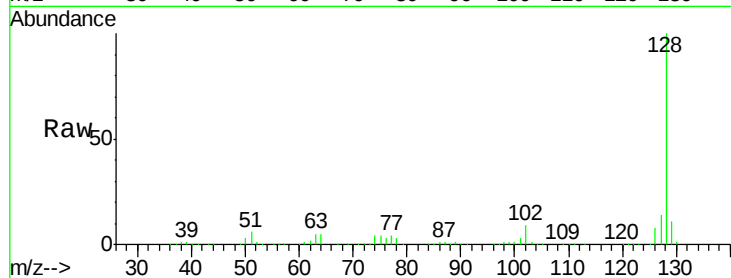
#31
Naphthalene
Concen: 59.12 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

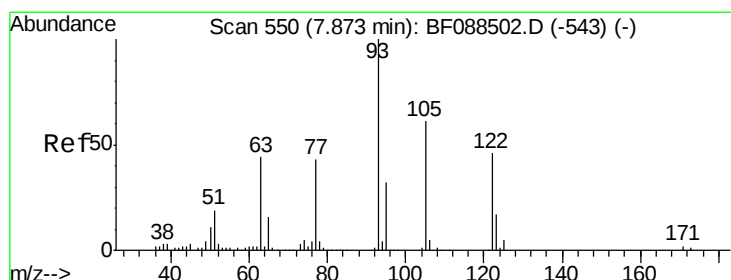
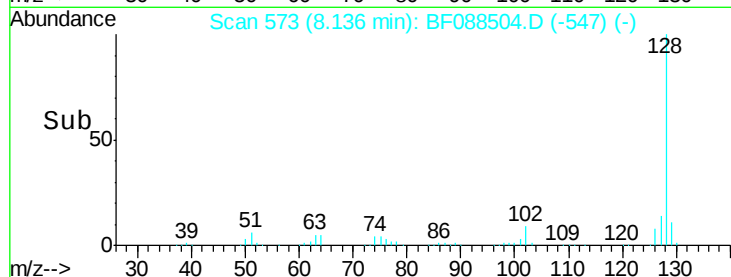
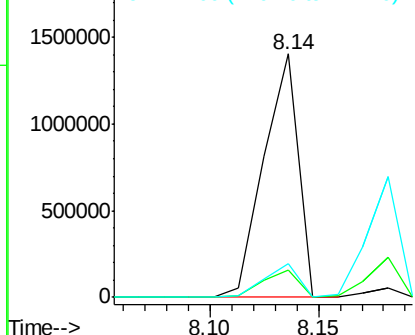
Tot Ion:128 Resp: 1563824
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.7 10.6 16.0

Manual Integrations

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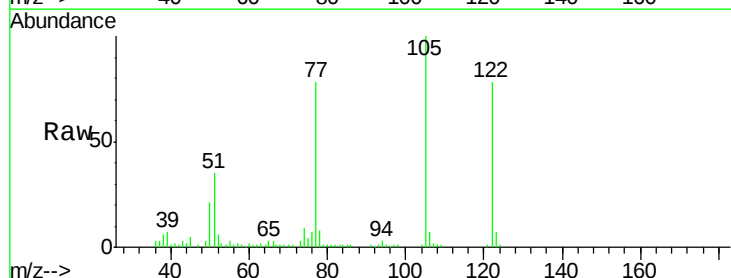


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

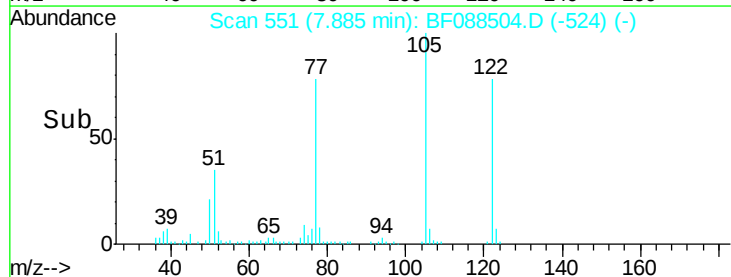
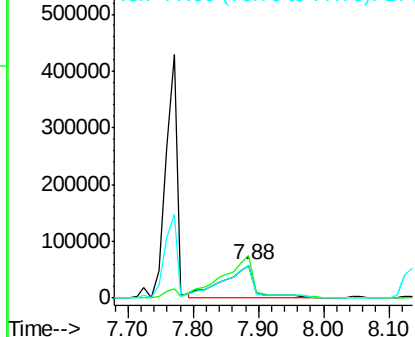


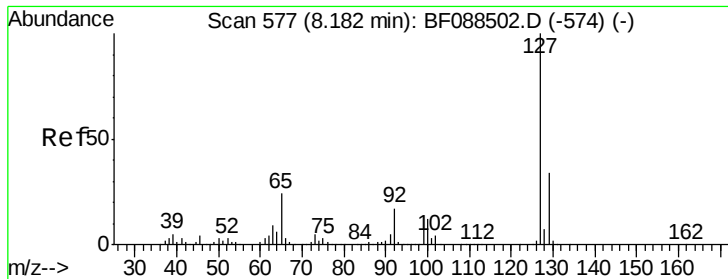
#32
Benzoic acid
Concen: 45.11 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion:122 Resp: 194703
Ion Ratio Lower Upper
122 100
105 128.1 110.7 150.7
77 100.4 76.5 116.5



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





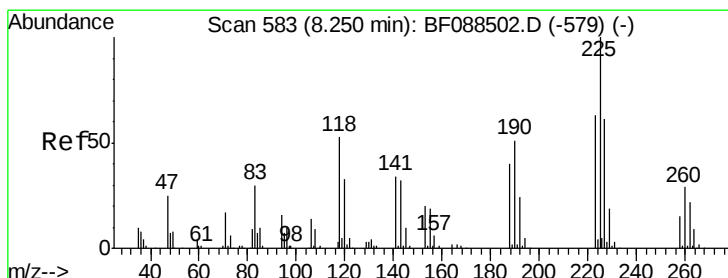
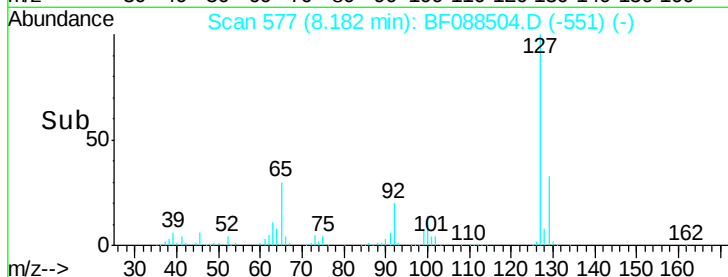
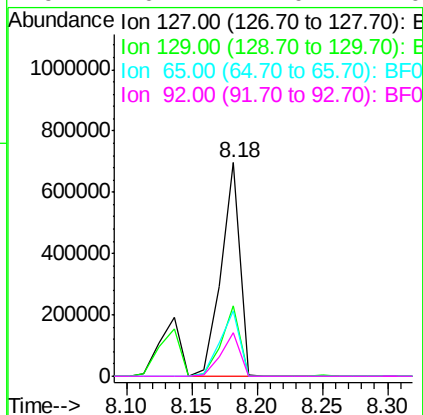
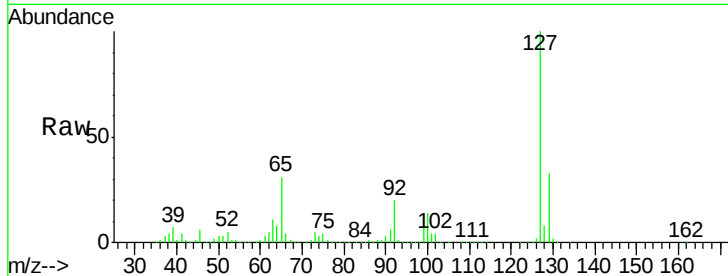
#33
4-Chloroaniline
Concen: 60.10 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		697487		
129	33.0	26.9	40.3		
65	30.8	19.4	29.2		
92	20.4	14.0	21.0		

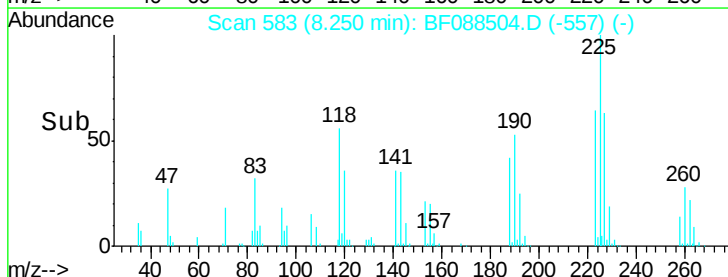
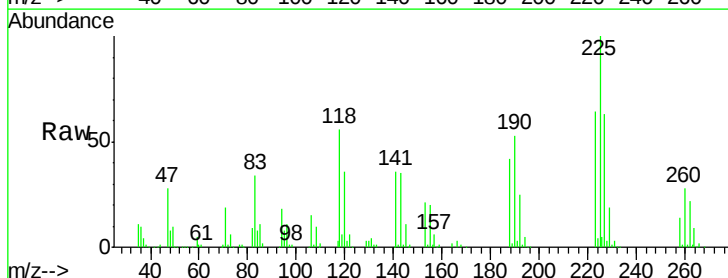
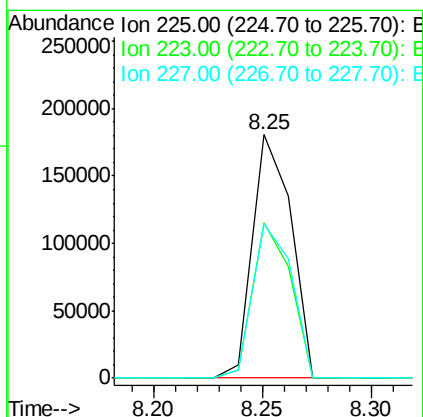
Manual Integrations

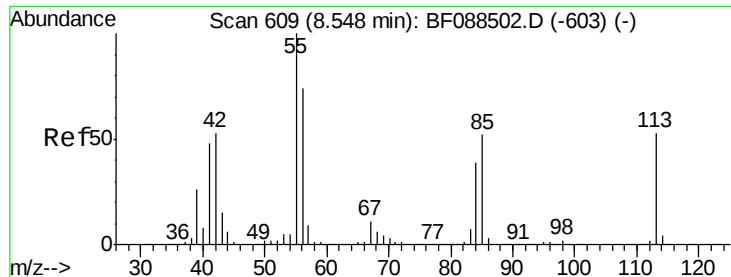
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#34
Hexachlorobutadiene
Concen: 54.39 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		223259		
223	63.6	50.2	75.2		
227	63.3	48.6	73.0		





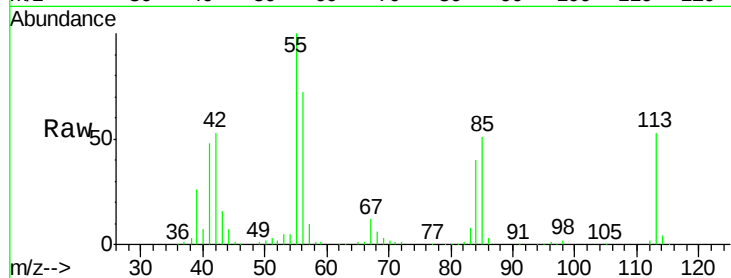
#35
Caprolactam
Concen: 54.31 ng
RT: 8.56 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

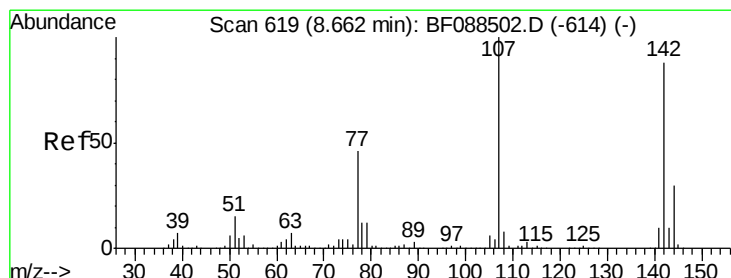
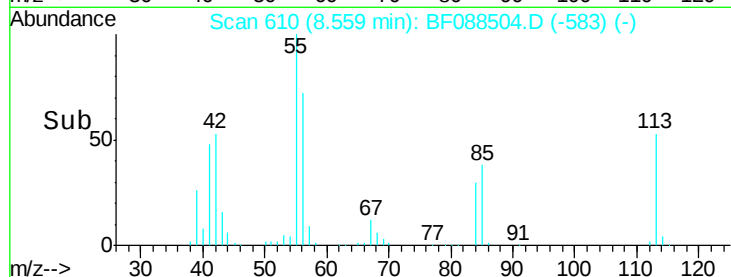
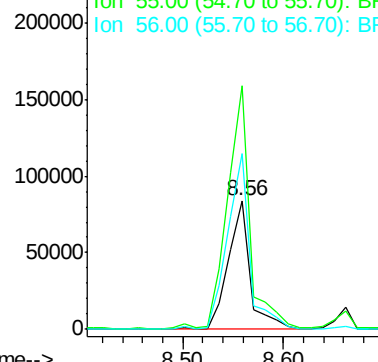
Tot Ion:113 Resp: 126705
Ion Ratio Lower Upper
113 100
55 189.1 170.2 210.2
56 136.5 119.7 159.7

Manual Integrations

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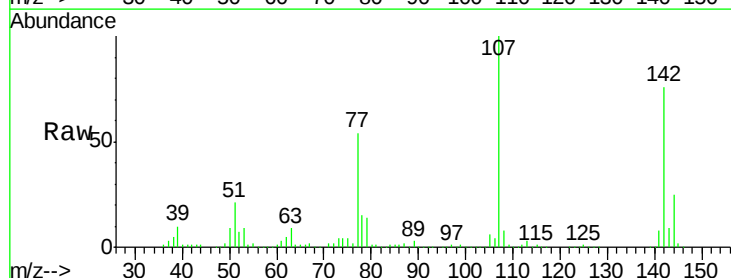


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

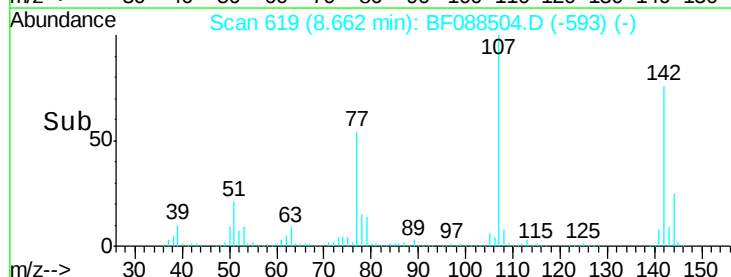
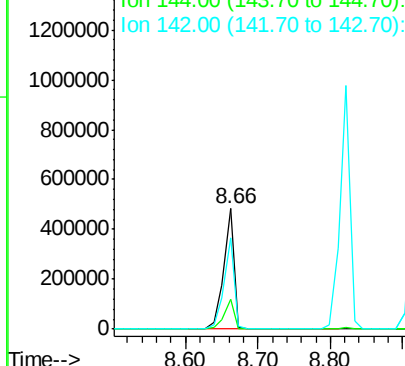


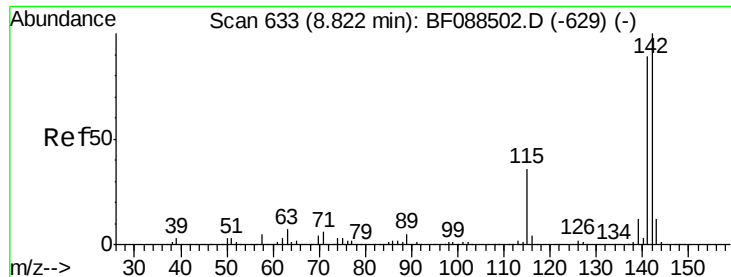
#36
4-Chloro-3-methylphenol
Concen: 61.75 ng
RT: 8.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion:107 Resp: 482654
Ion Ratio Lower Upper
107 100
144 24.5 23.7 35.5
142 76.2 70.7 106.1



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





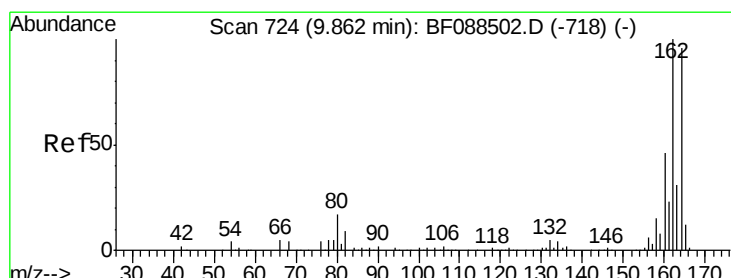
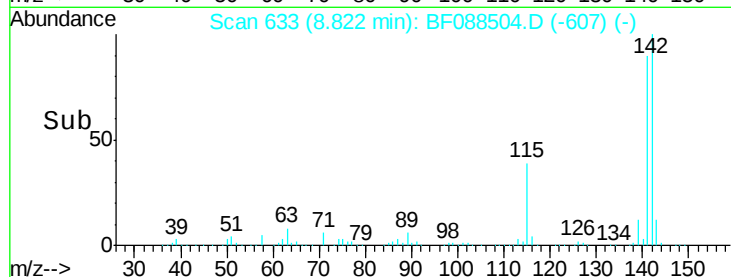
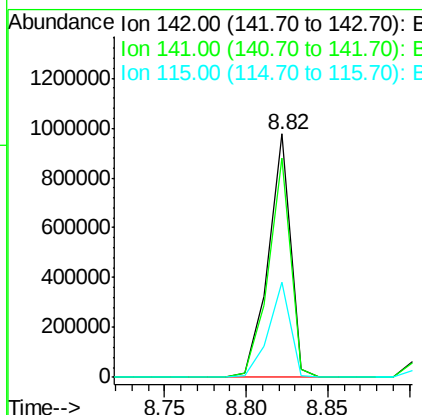
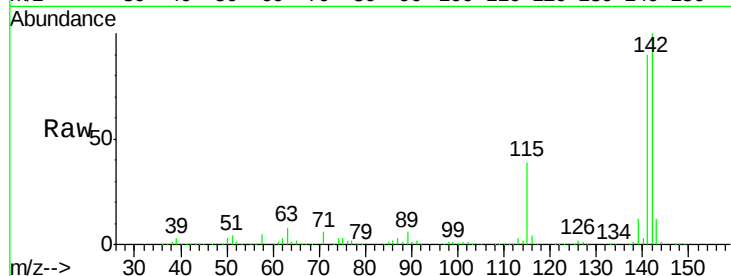
#37
2-Methylnaphthalene
Concen: 54.05 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.4
115	38.8	28.7	43.1

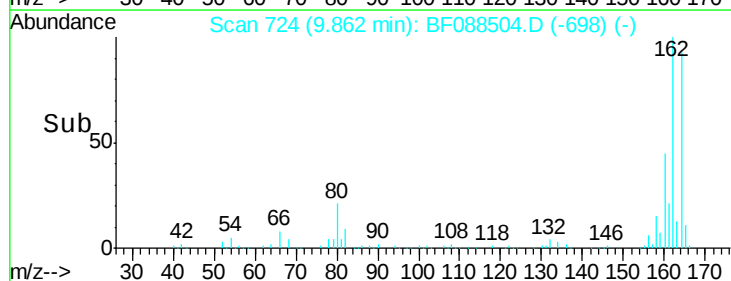
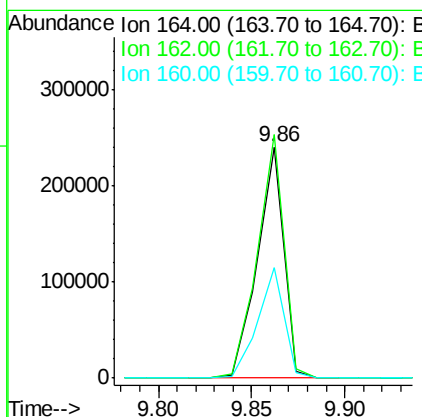
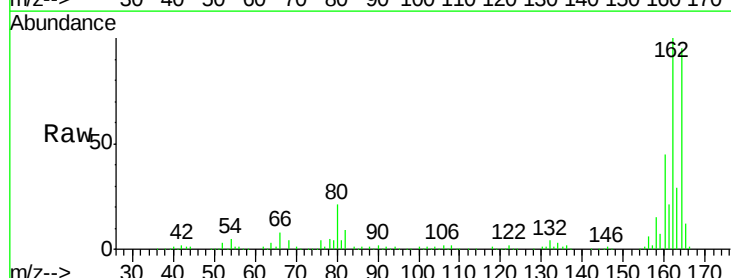
Manual Integrations

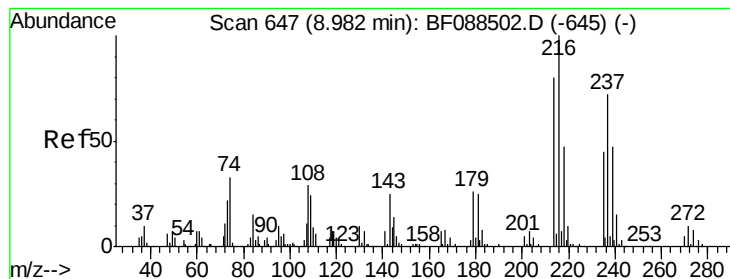
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.7	125.5
160	47.6	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.21 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:216 Resp: 363848

Ion Ratio Lower Upper

216 100

214 79.0 0.0 0.0#

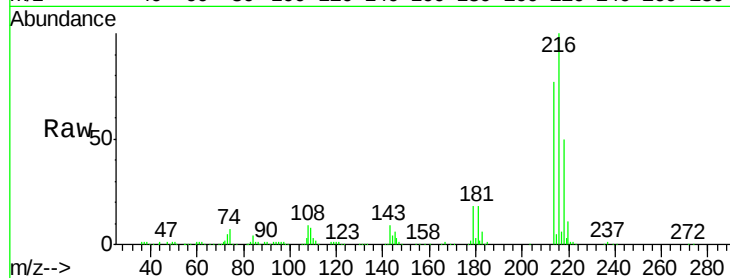
179 22.1 0.0 0.0#

108 21.8 0.0 0.0#

Manual Integrations

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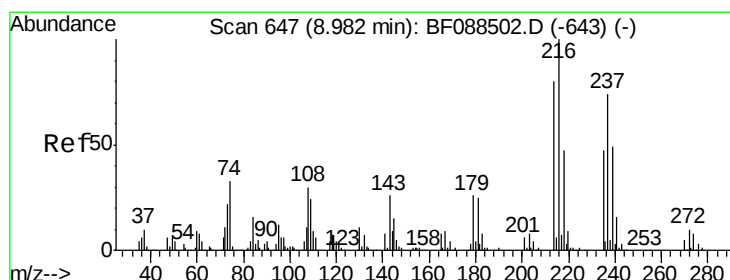
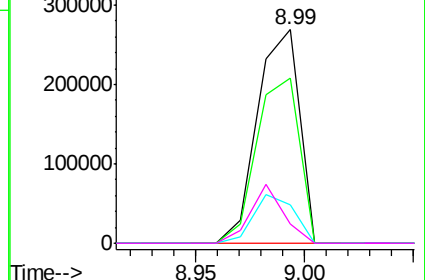
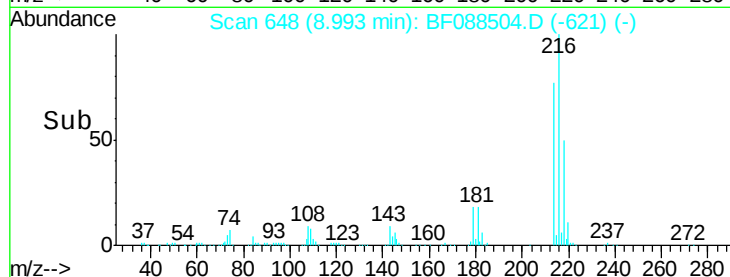


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.75 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

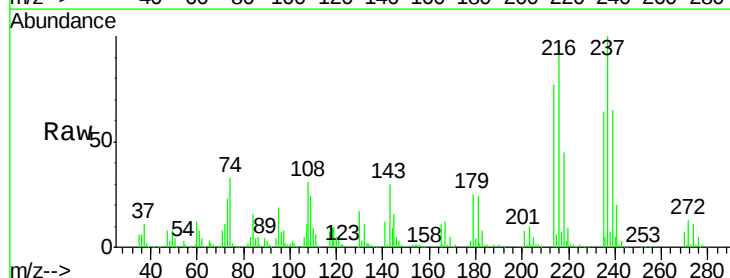
Tgt Ion:237 Resp: 237764

Ion Ratio Lower Upper

237 100

235 63.7 43.0 83.0

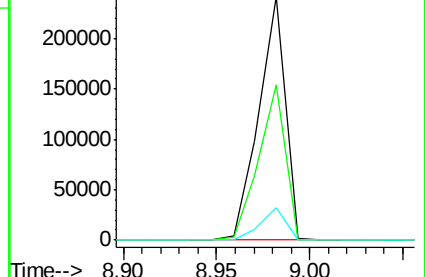
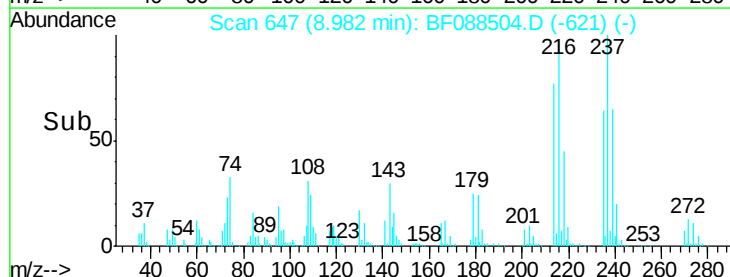
272 13.1 0.0 33.8

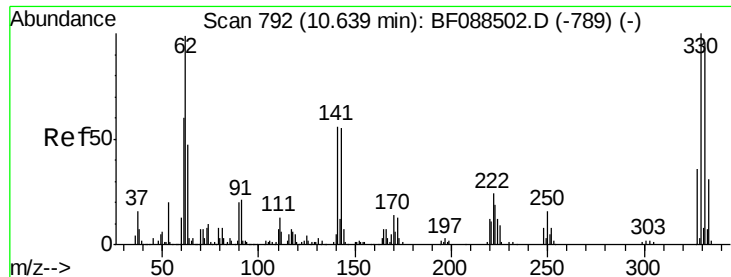


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





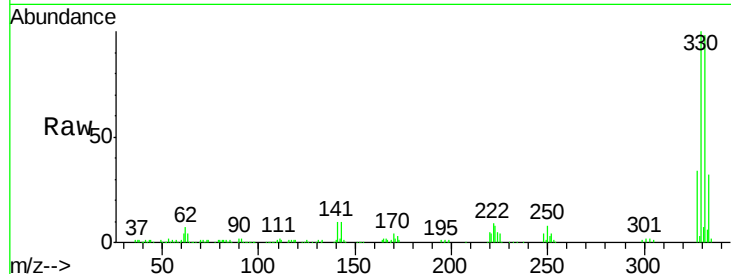
#41
 2,4,6-Tribromophenol
 Concen: 89.09 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	209928		
332	97.1	0.0	0.0	0.0
141	38.4	0.0	0.0	0.0

Manual Integrations

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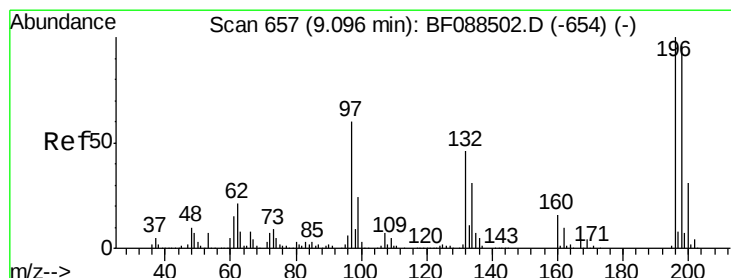
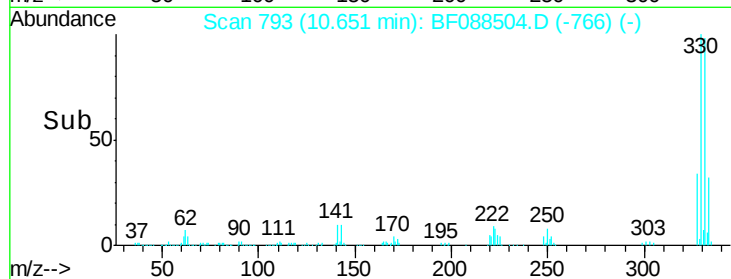
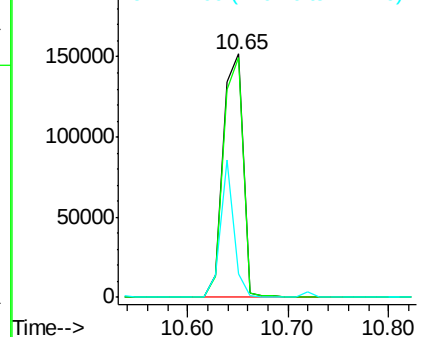


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 55.84 ng m
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

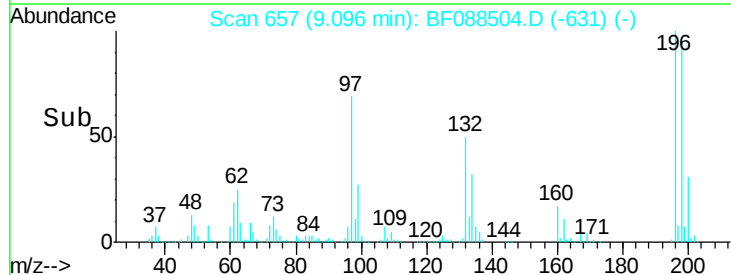
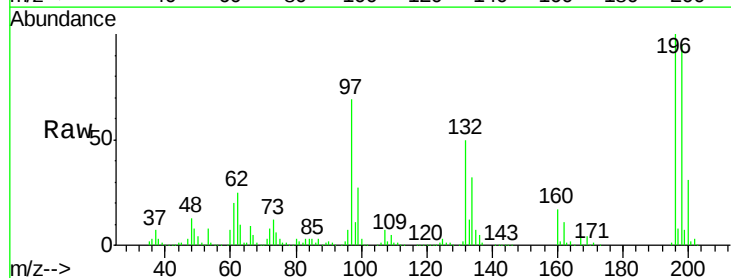
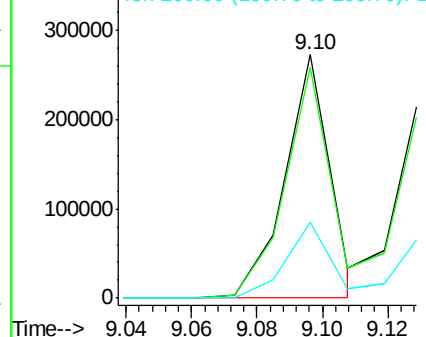
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261033		
198	94.9	76.9	115.3	
200	31.0	24.6	36.8	

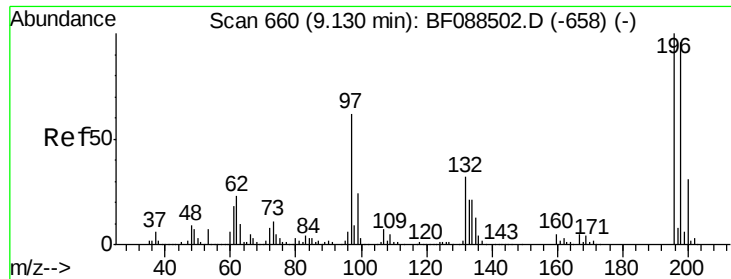
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





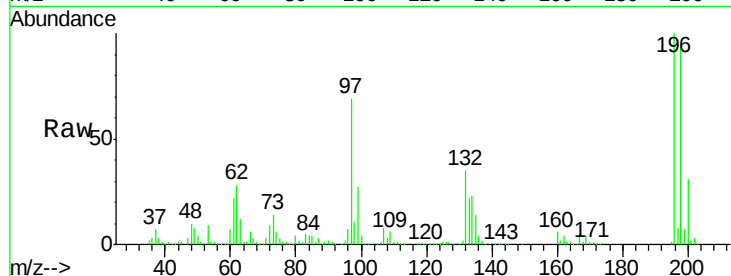
#43
 2,4,5-Trichlorophenol
 Concen: 54.73 ng/ml
 RT: 9.13 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	196	Resp:	266567
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.6	115.0
97	69.0	48.7	73.1
132	34.9	25.5	38.3

Manual Integrations

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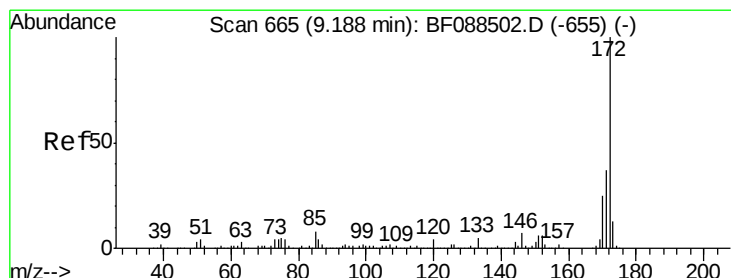
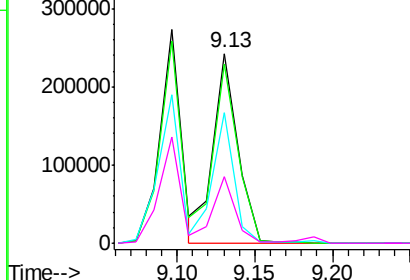
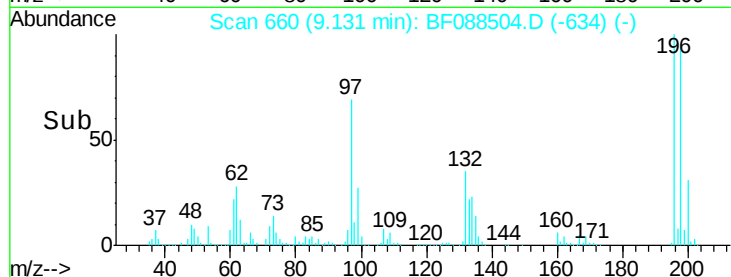
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

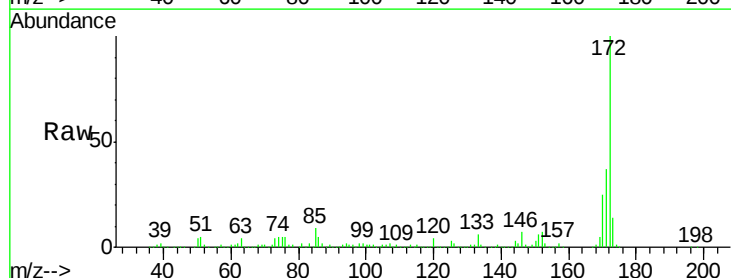
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.96 ng/ml
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Tgt Ion:	172	Resp:	1516195
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.3	43.9
170	25.2	19.8	29.8

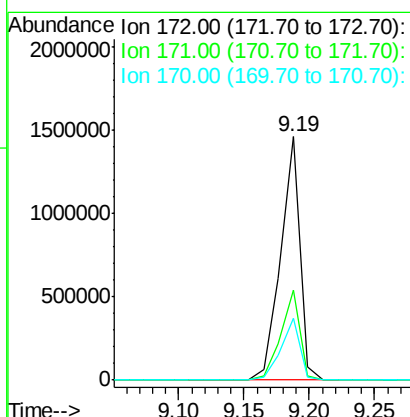
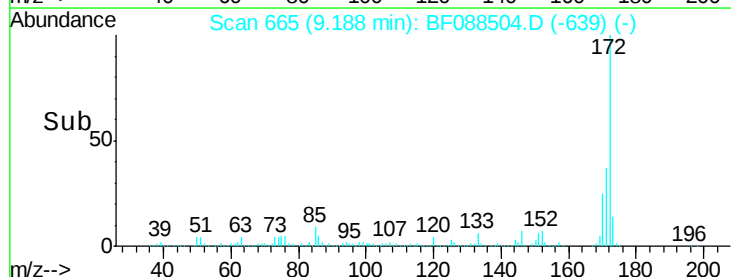


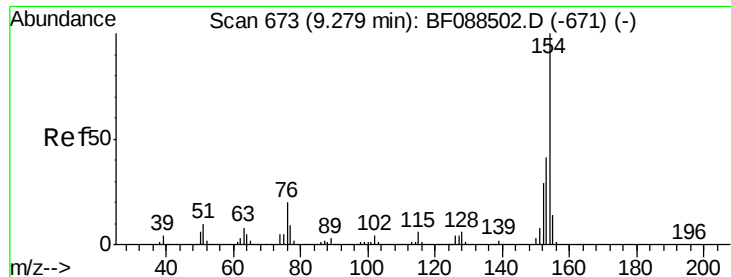
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





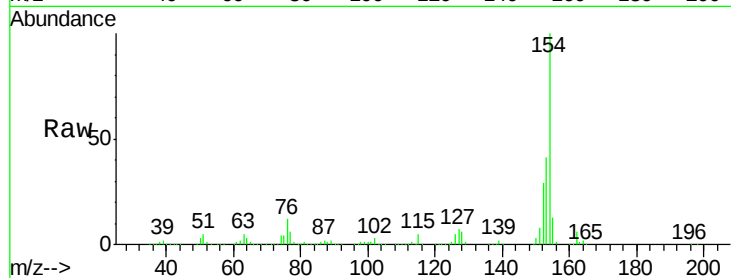
#45
1,1'-Biphenyl
Concen: 58.64 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

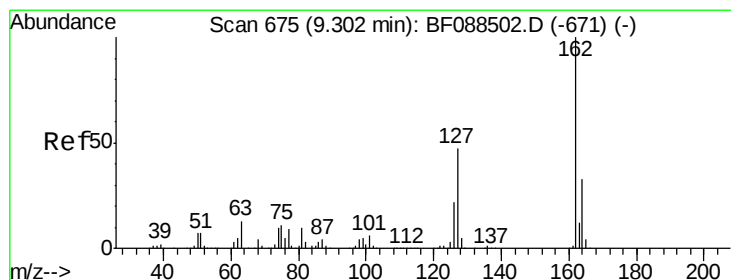
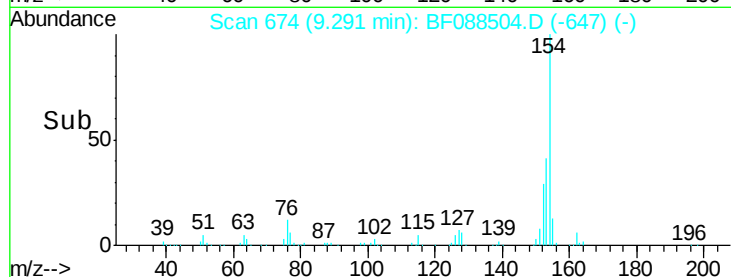
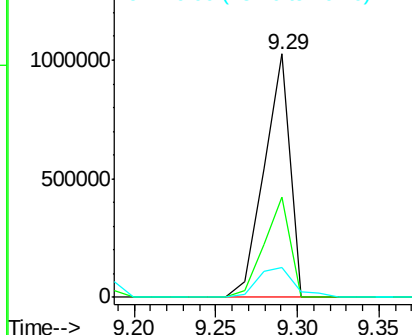
Tot Ion:154 Resp: 1119974
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 12.3 0.0 39.9

Manual Integrations

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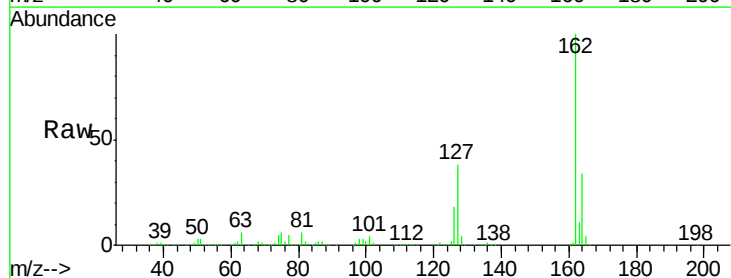


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

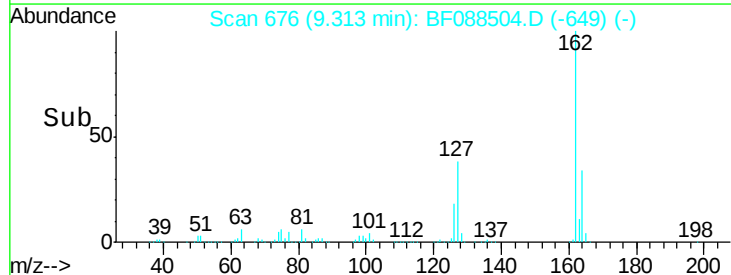
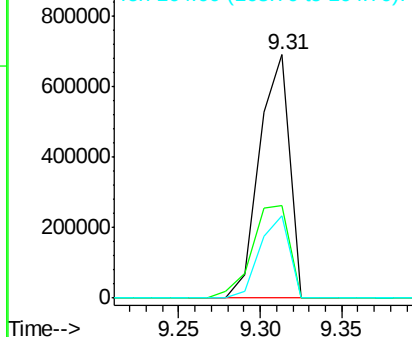


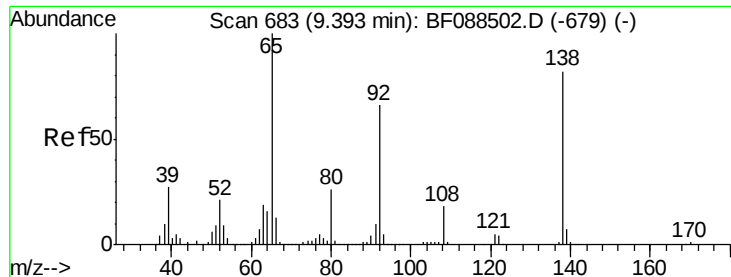
#46
2-Chloronaphthalene
Concen: 57.97 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion:162 Resp: 881500
Ion Ratio Lower Upper
162 100
127 38.1 37.8 56.8
164 33.6 26.5 39.7



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: 67.31 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

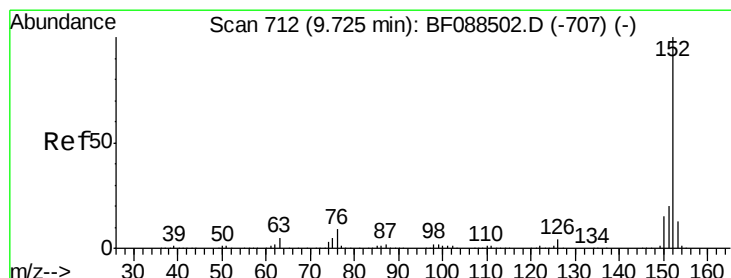
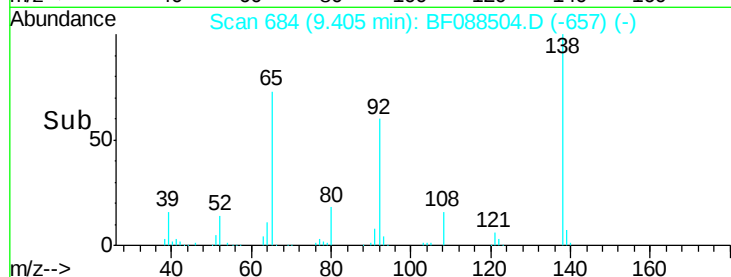
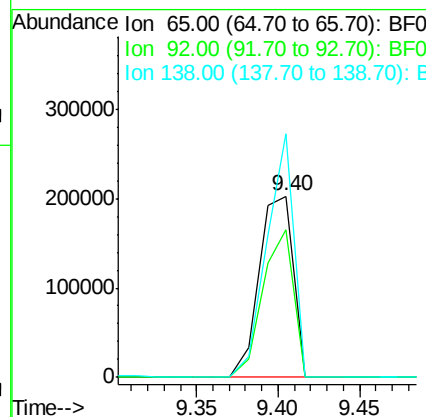
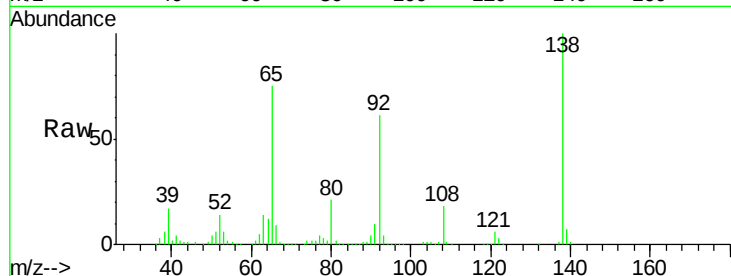
SSTDICC060

Tot Ion:	65	Resp:	295337
Ion	Ratio	Lower	Upper
65	100		
92	81.2	52.9	79.3#
138	134.1	65.8	98.6#

Manual Integrations

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#48

Acenaphthylene

Concen: 57.96 ng

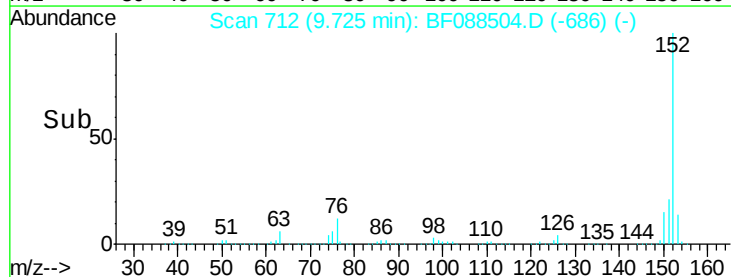
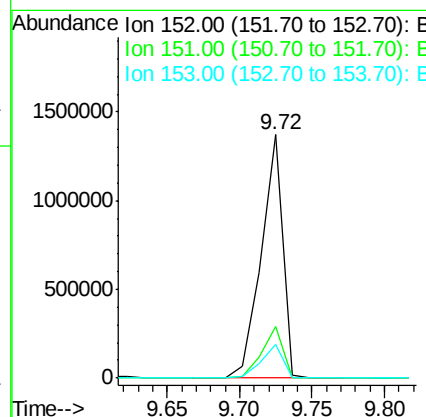
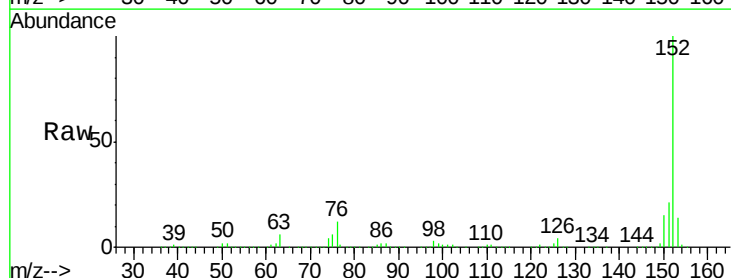
RT: 9.72 min Scan# 712

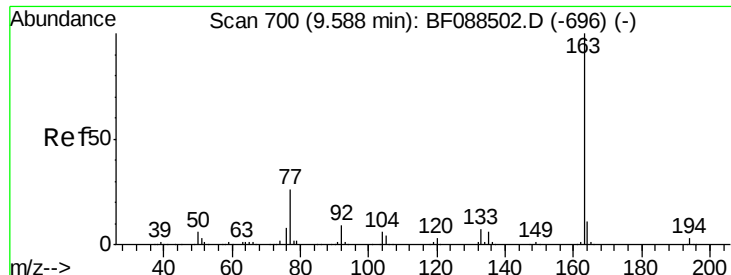
Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Tgt Ion:	152	Resp:	1411913
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.1	24.1
153	13.6	10.4	15.6





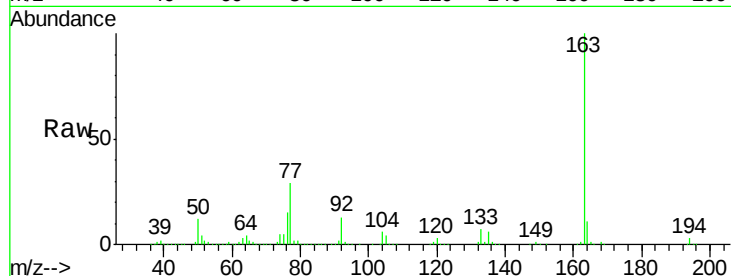
#49
Dimethylphthalate
Concen: 53.36 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
163	100	913643		
194	3.1	2.6	4.0	
164	10.9	8.5	12.7	

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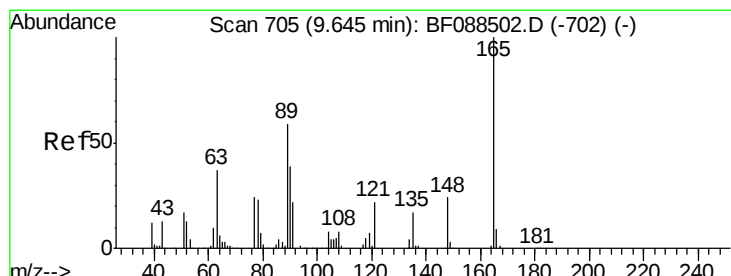
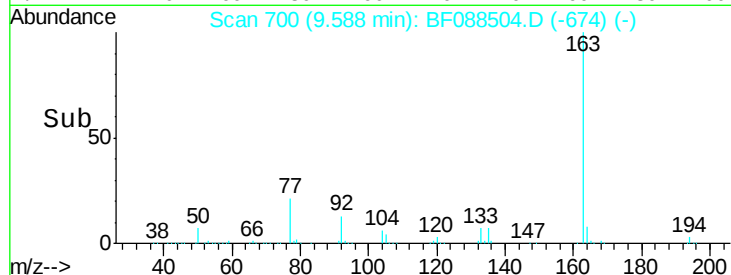
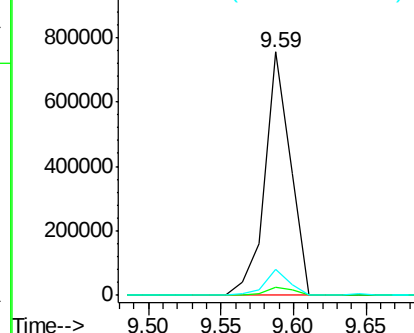


Abundance

Ion 163.00 (162.70 to 163.70): E

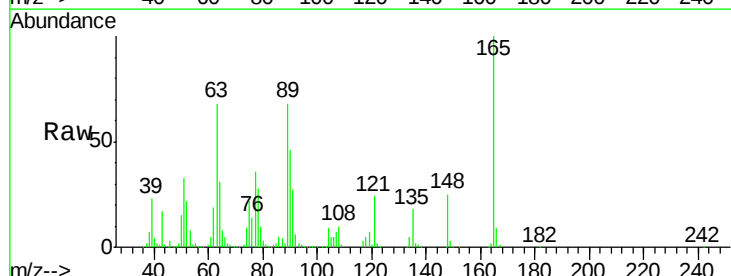
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 52.04 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	205951		
63	68.0	45.0	67.4#	
89	68.3	47.8	71.6	

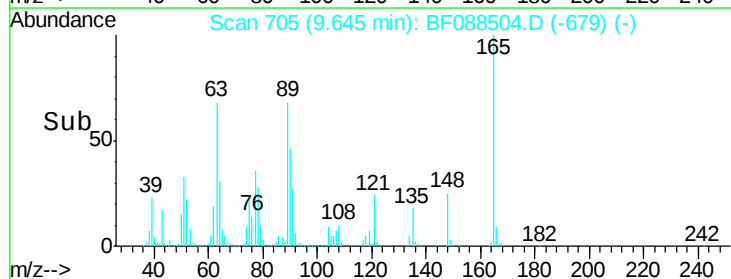
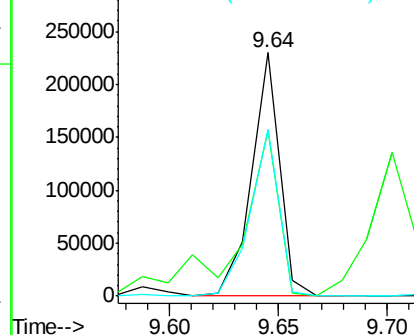


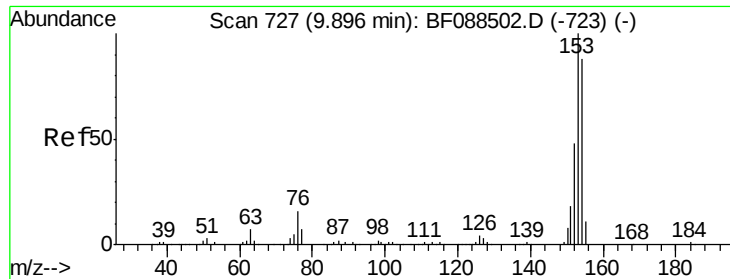
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.94 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 841963

Ion Ratio Lower Upper

154 100

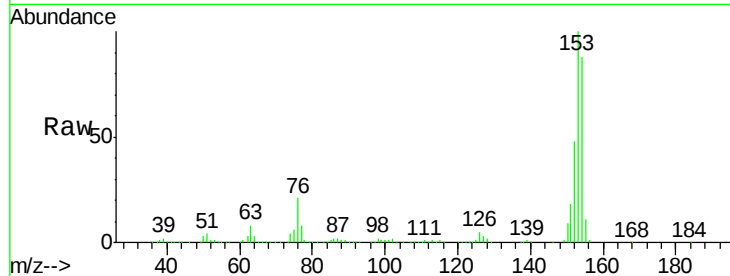
153 113.4 91.0 136.6

152 54.9 43.9 65.9

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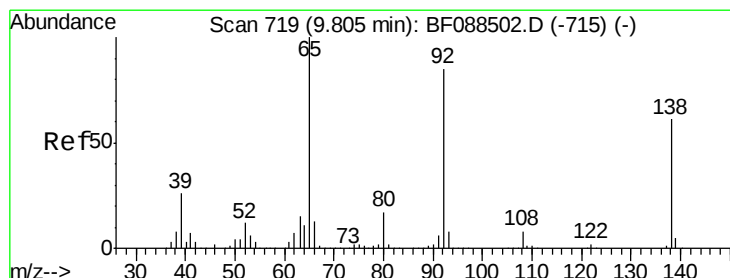
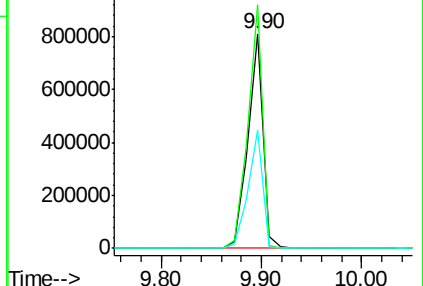
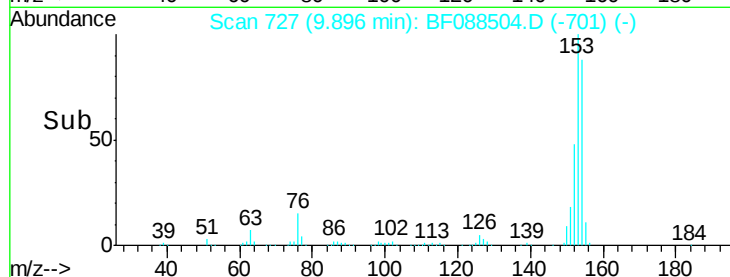
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 63.53 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

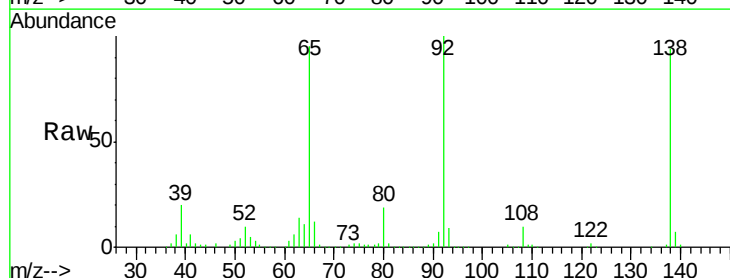
Tgt Ion:138 Resp: 276614

Ion Ratio Lower Upper

138 100

108 10.7 10.2 15.4

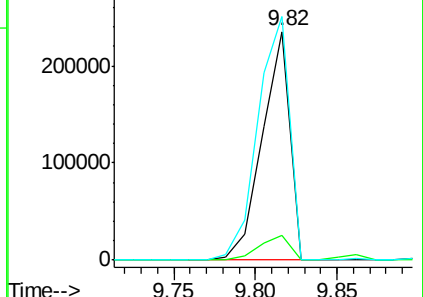
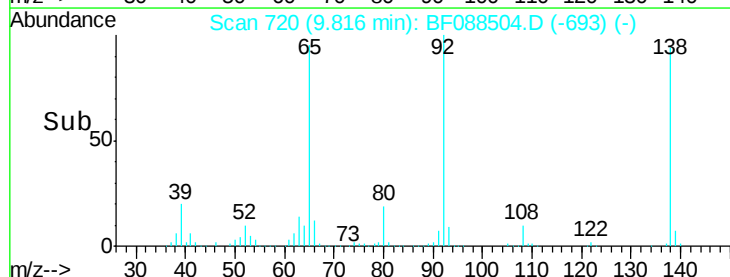
92 106.6 111.6 167.4#

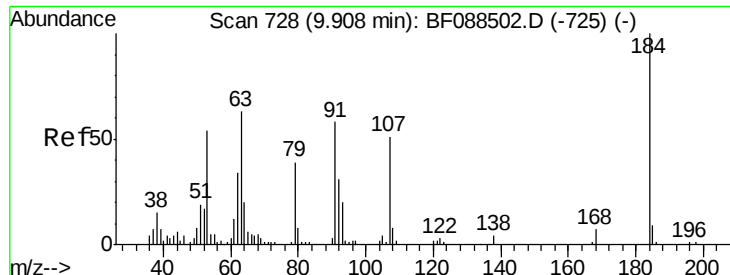


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





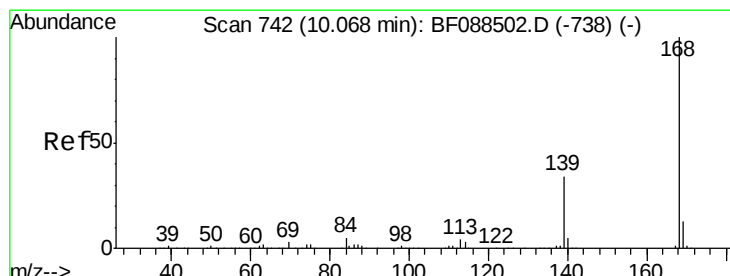
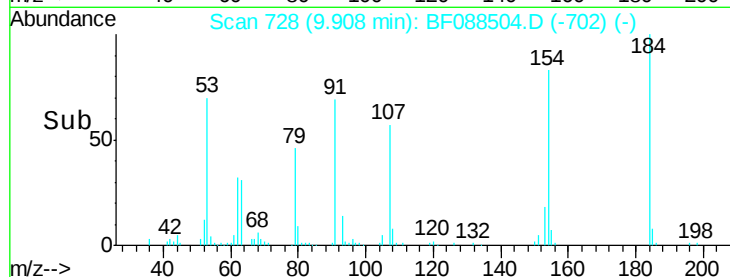
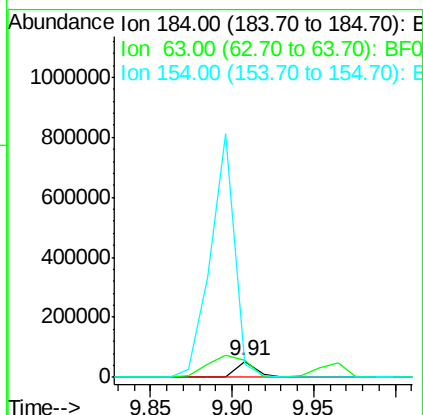
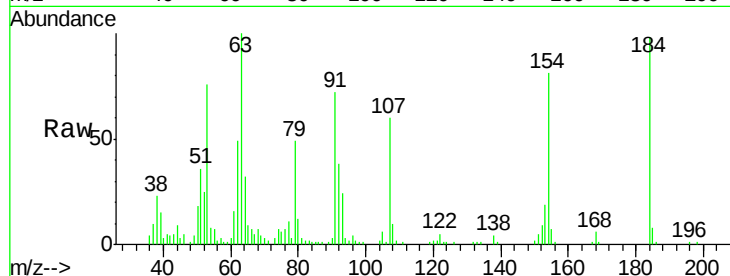
#53
2,4-Dinitrophenol
Concen: 38.20 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
184	100		
63	102.4	60.0	90.0#
154	83.3	56.1	84.1

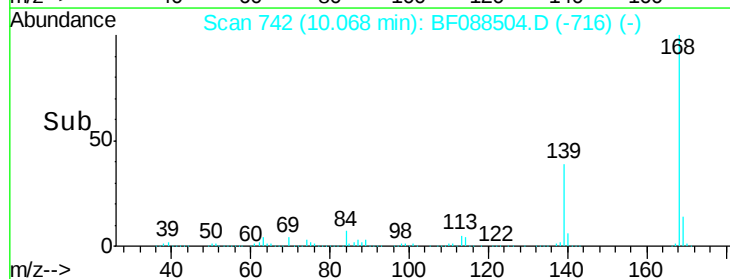
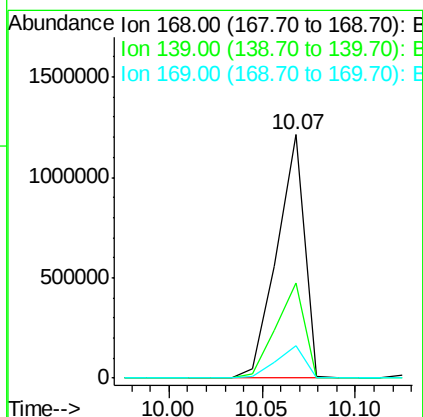
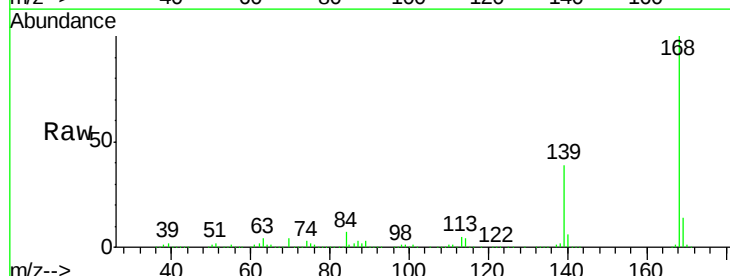
Manual Integrations

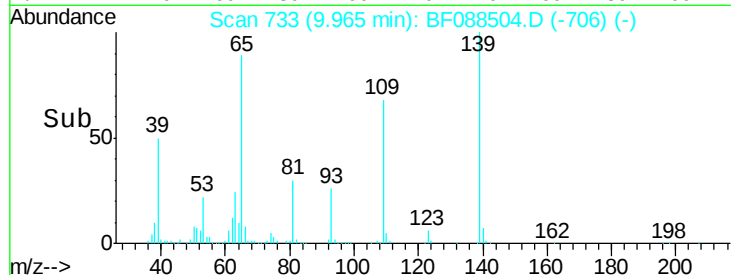
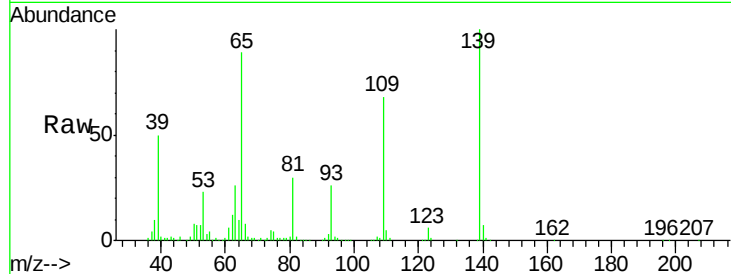
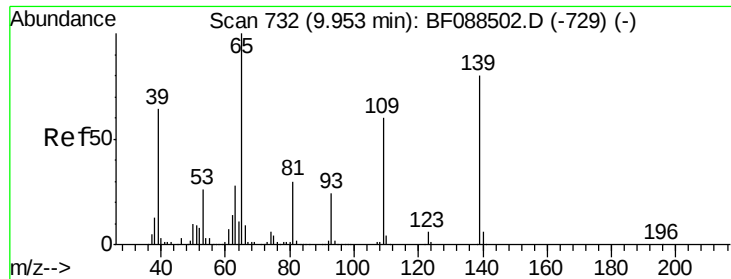
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#54
Dibenzofuran
Concen: 60.04 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	27.1	40.7
169	13.5	10.6	16.0





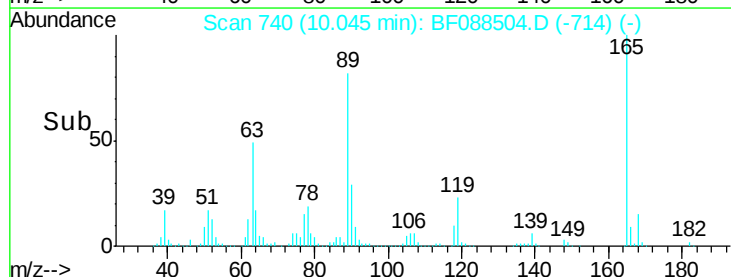
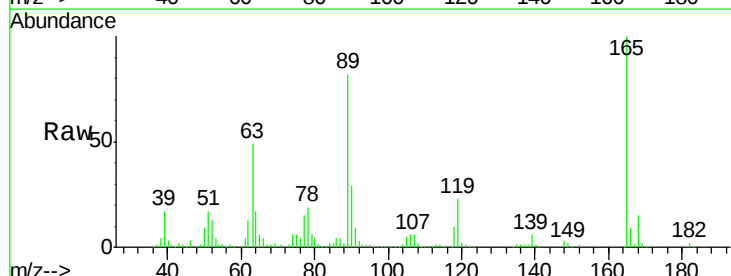
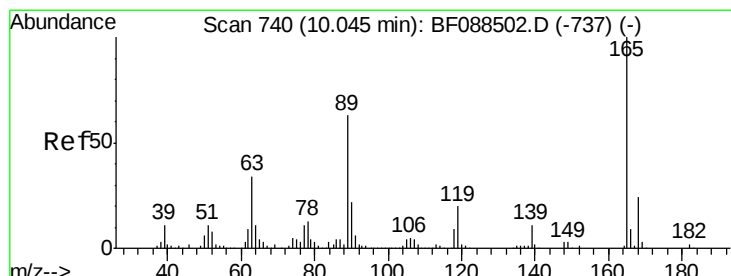
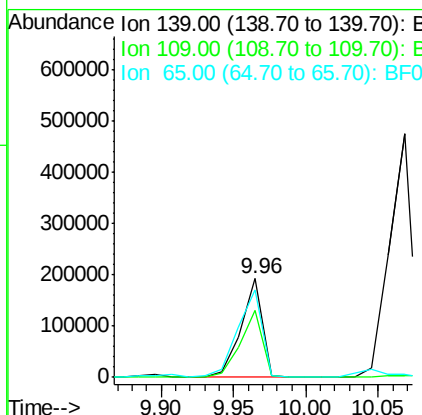
#55
4-Nitrophenol
Concen: 60.11 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tot Ion:139 Resp: 198087
Ion Ratio Lower Upper
139 100
109 67.9 56.1 96.1
65 89.1 105.9 145.9#

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

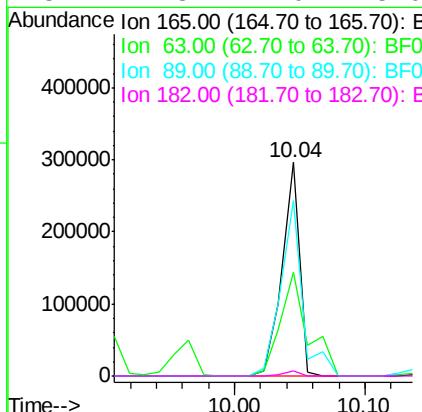
Manual Integrations

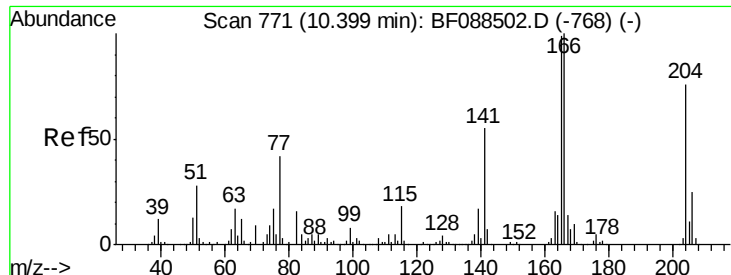
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#56
2,4-Dinitrotoluene
Concen: 55.47 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion:165 Resp: 280452
Ion Ratio Lower Upper
165 100
63 48.6 27.3 40.9#
89 82.0 50.4 75.6#
182 2.3 2.0 3.0





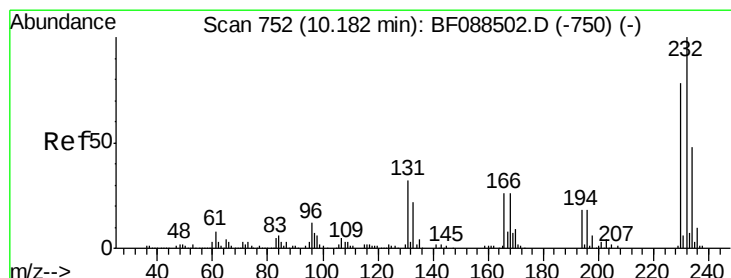
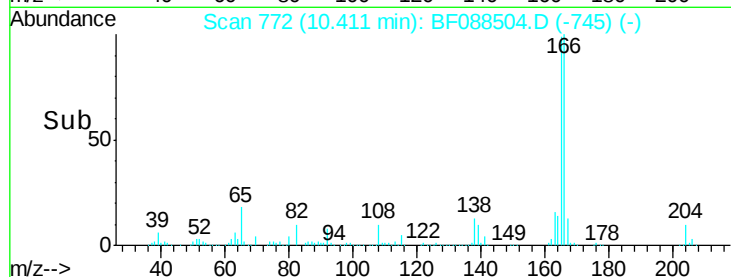
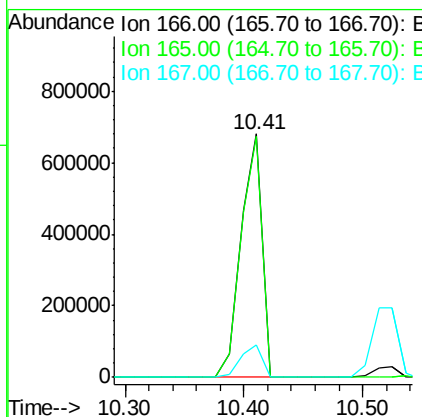
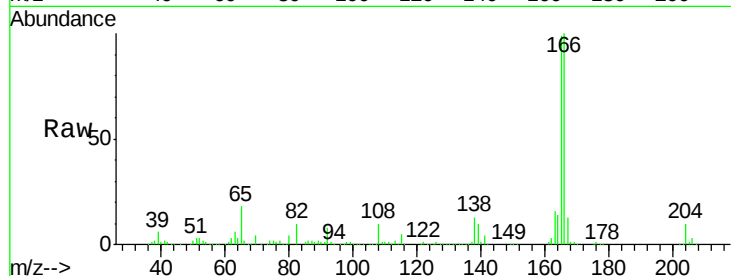
#57
Fluorene
 Concen: 51.72 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.6
167	13.1	11.3	16.9

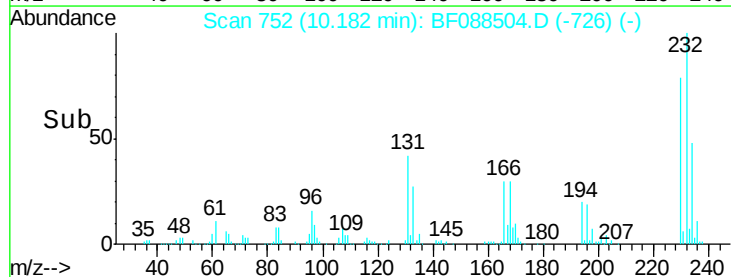
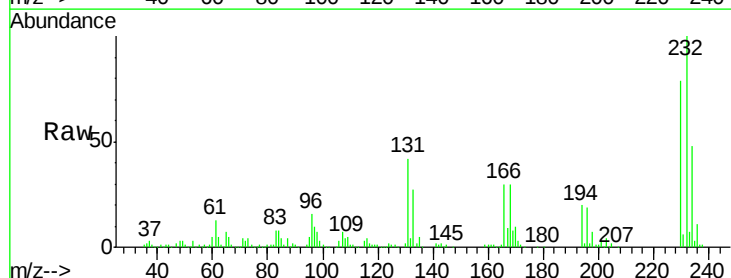
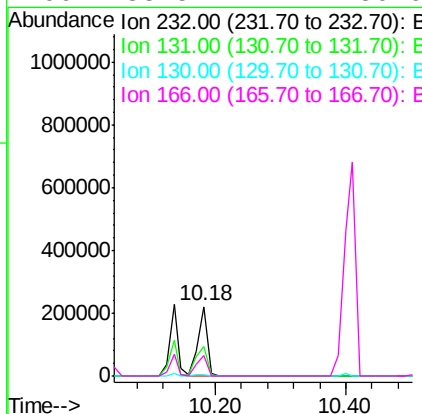
Manual Integrations

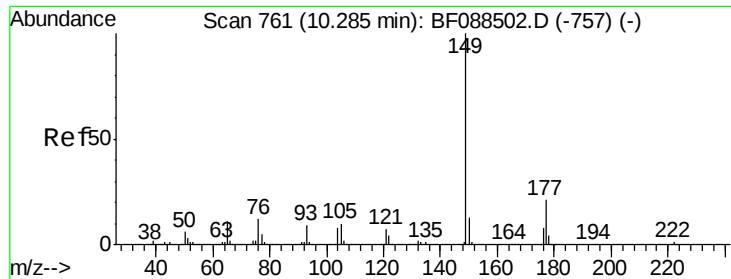
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.68 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.2	40.1	60.1
130	2.6	2.2	3.4
166	33.5	24.4	36.6





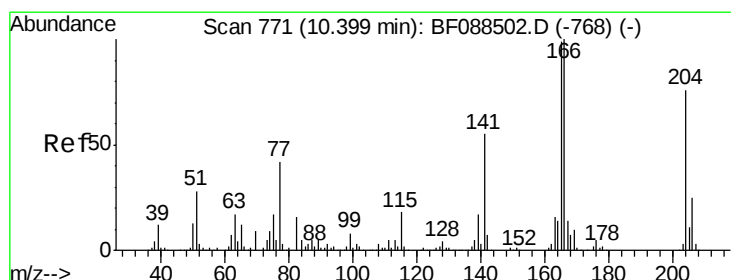
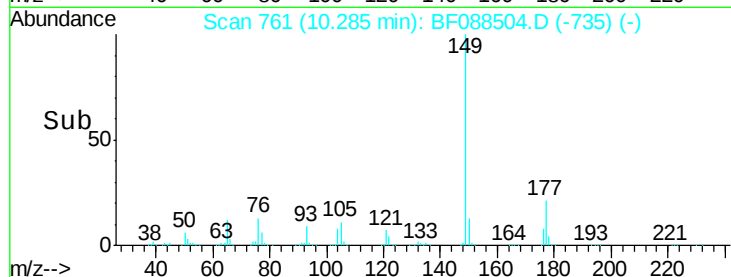
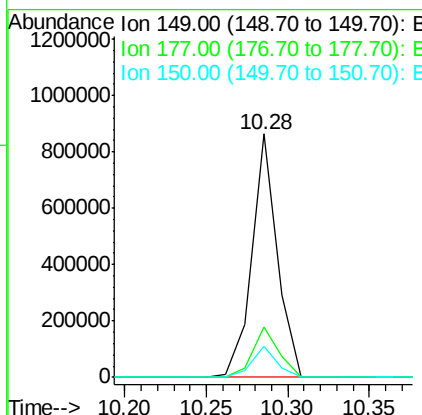
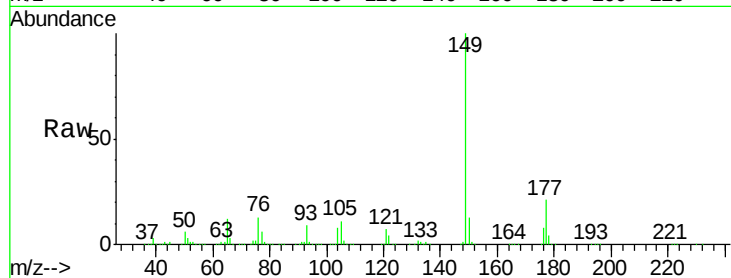
#59
Diethylphthalate
Concen: 53.73 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.8	25.2
150	13.0	10.3	15.5

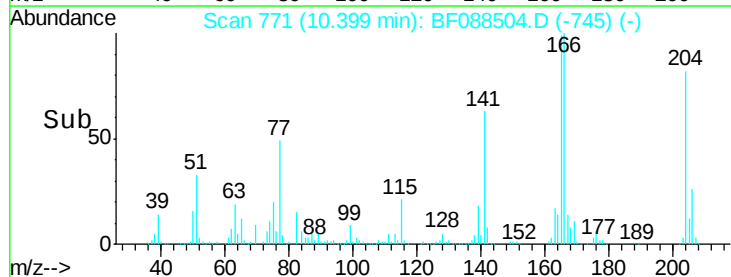
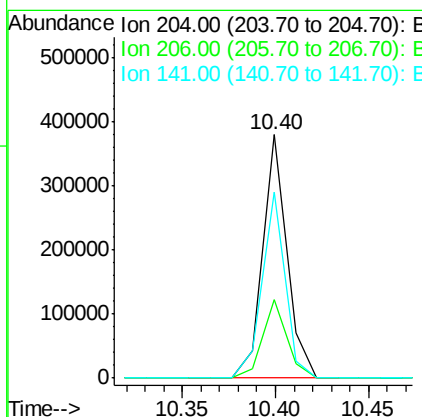
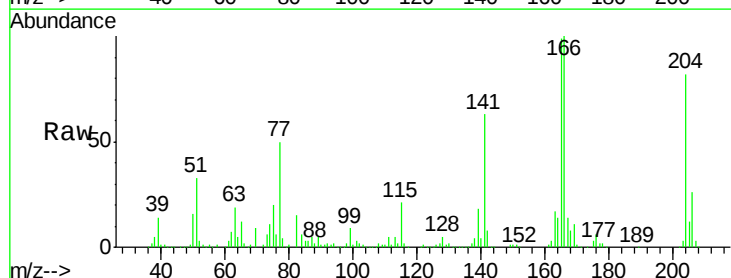
Manual Integrations

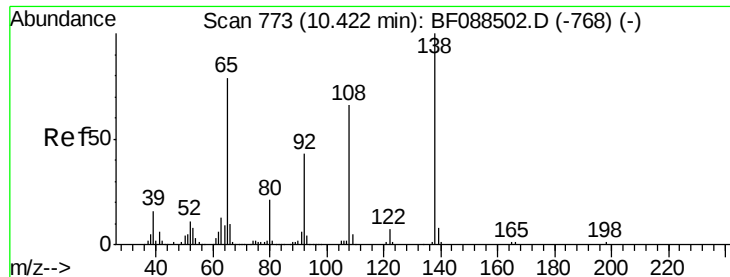
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#60
4-Chlorophenyl-phenylether
Concen: 48.84 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.4
141	76.6	58.4	87.6





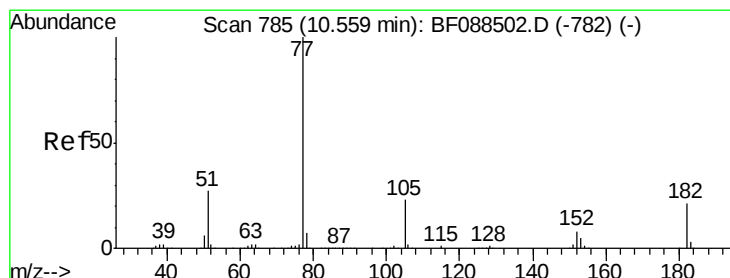
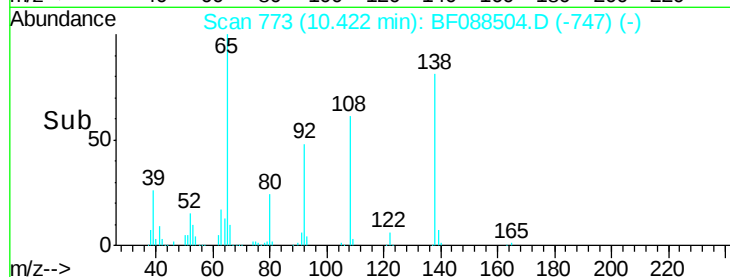
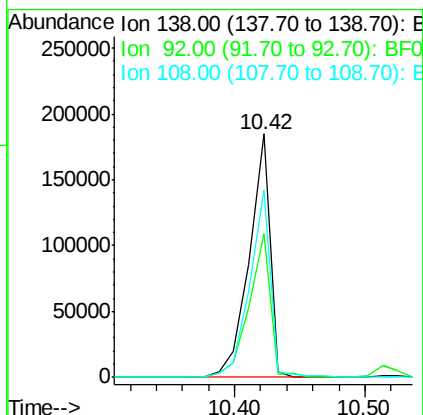
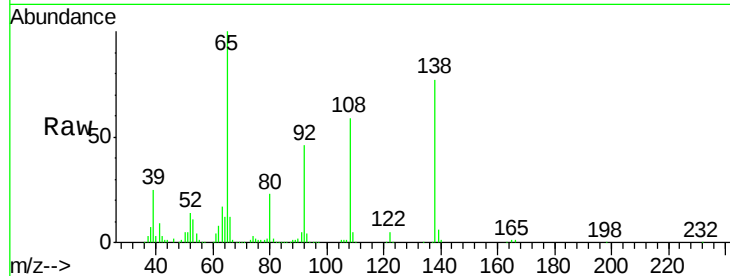
#61
4-Nitroaniline
Concen: 49.99 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.3	23.4	63.4
108	76.8	45.9	85.9

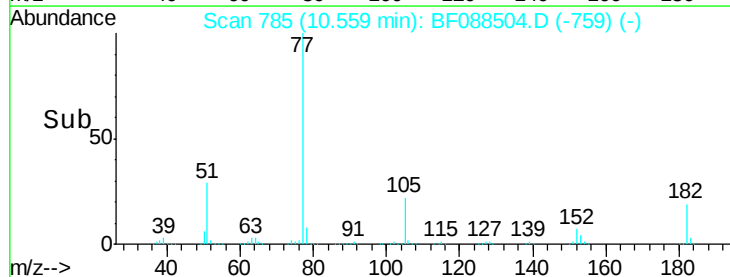
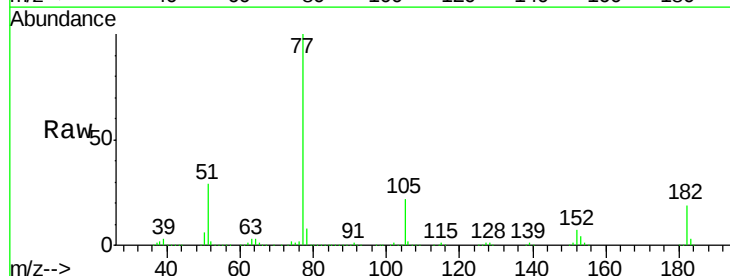
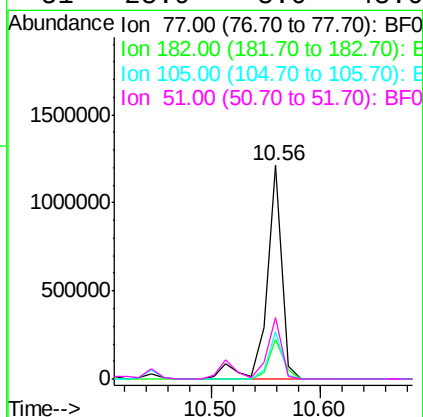
Manual Integrations

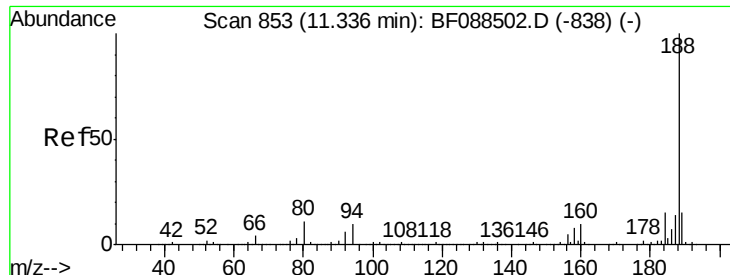
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#62
Azobenzene
Concen: 68.07 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.6	40.6
105	22.0	2.3	42.3
51	28.9	8.0	48.0





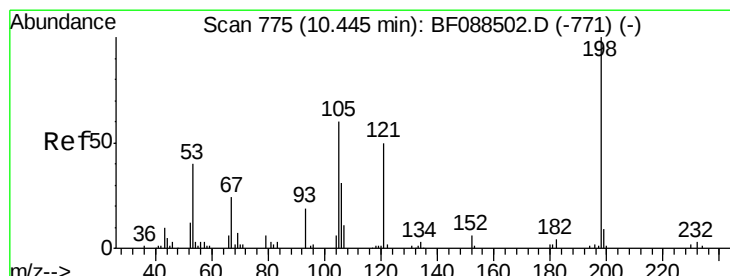
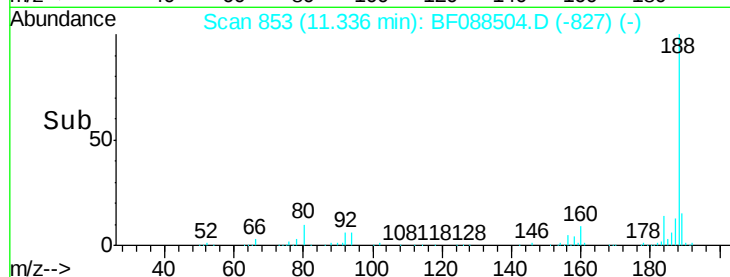
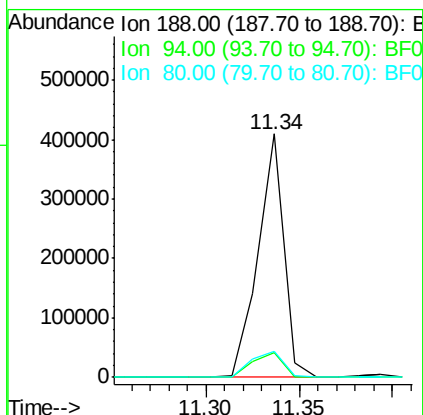
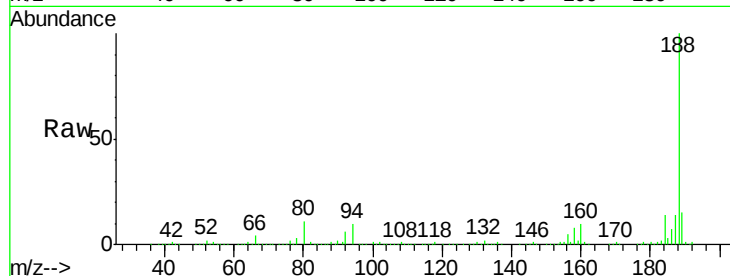
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	395816		
94	9.9		7.8	11.8
80	10.9		8.7	13.1

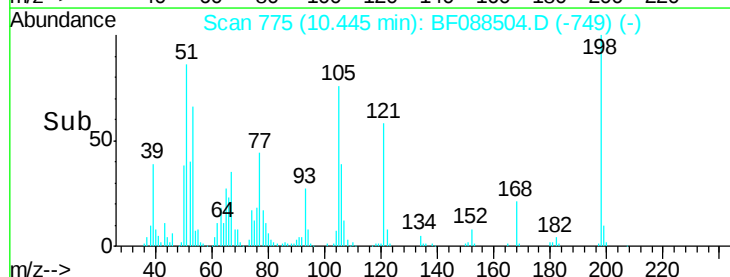
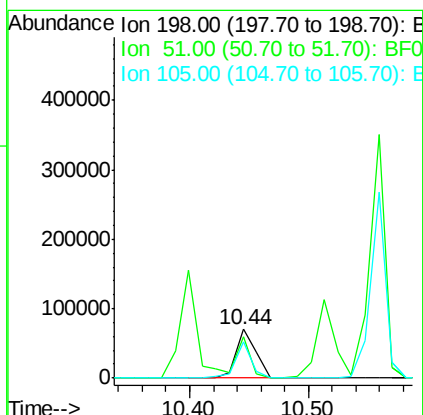
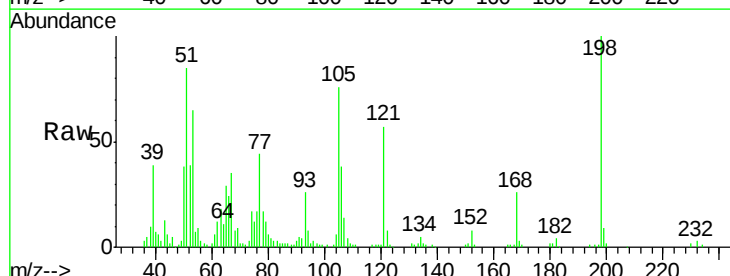
Manual Integrations

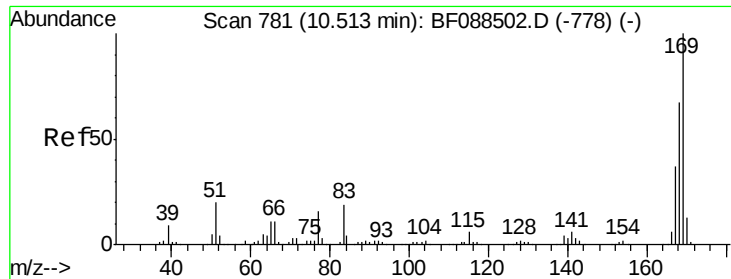
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.98 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	80146		
51	85.3		42.4	82.4#
105	75.6		41.2	81.2





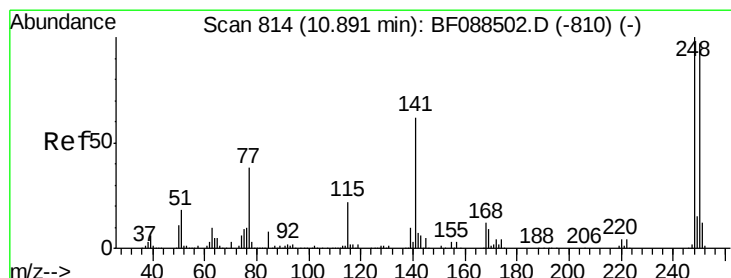
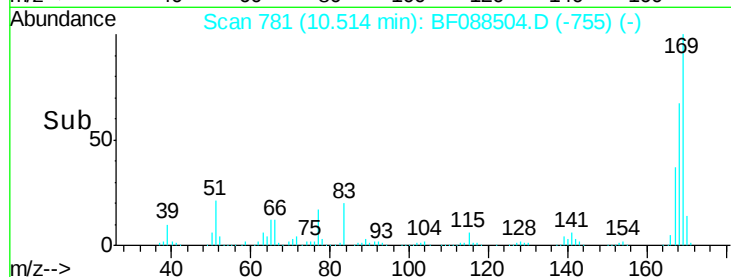
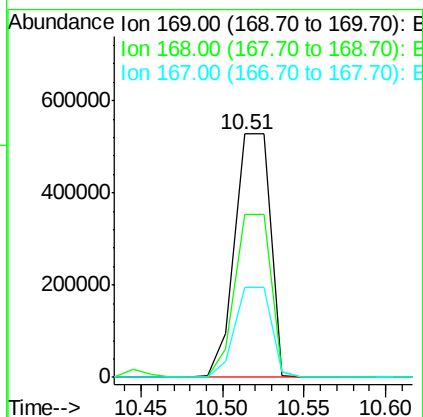
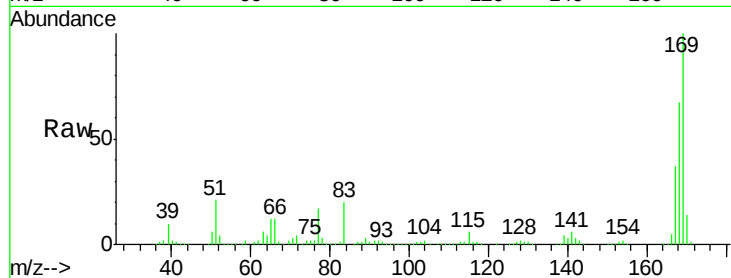
#65
 n-Nitrosodiphenylamine
 Concen: 60.86 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
793154	169	100		
	168	66.7	53.3	79.9
	167	36.9	29.7	44.5

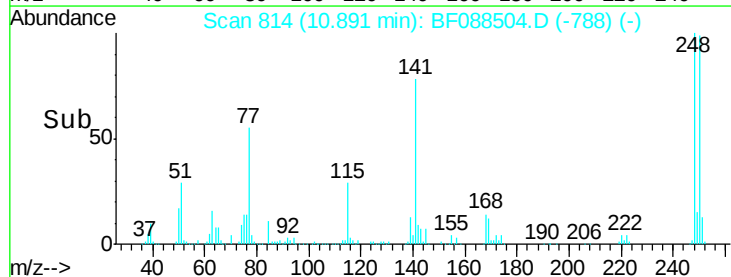
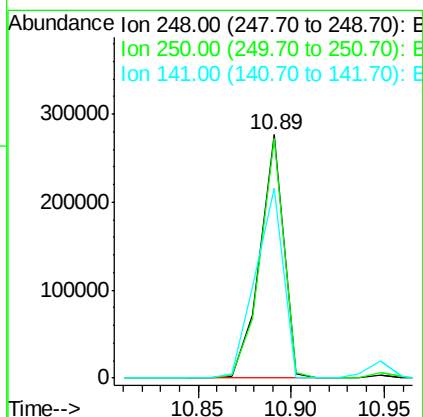
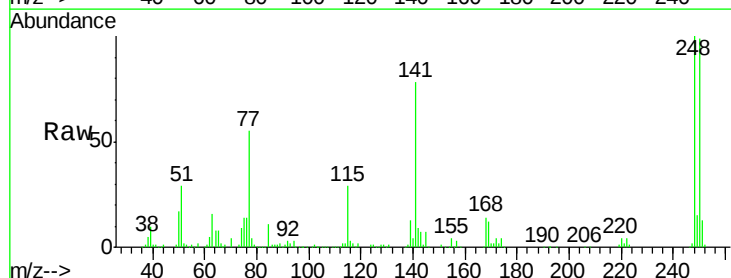
Manual Integrations

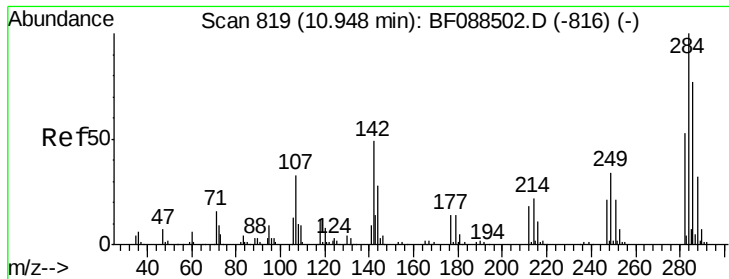
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#66
 4-Bromophenyl-phenylether
 Concen: 57.85 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
244506	248	100		
	250	98.7	77.7	116.5
	141	78.1	49.2	73.8#





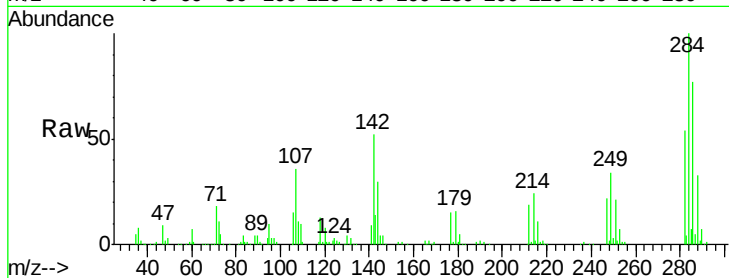
#67
Hexachlorobenzene
Concen: 52.90 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

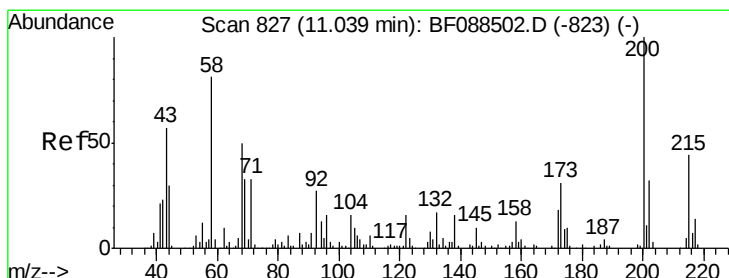
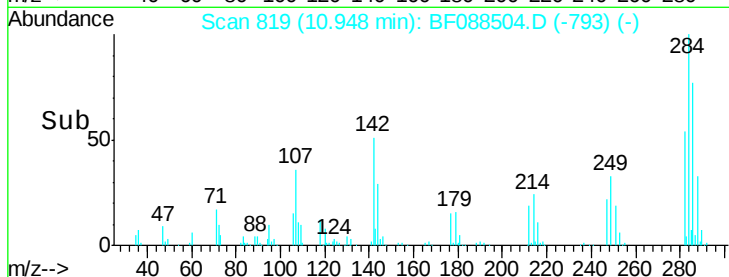
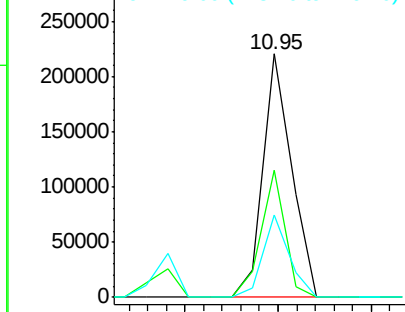
Tot Ion	Ratio	Lower	Upper
284	100		
142	52.2	39.0	58.4
249	33.9	27.0	40.4

Manual Integrations

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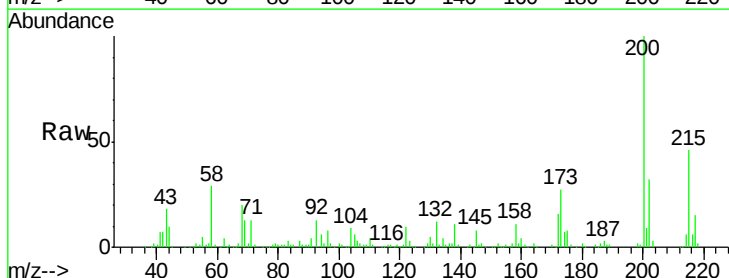


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

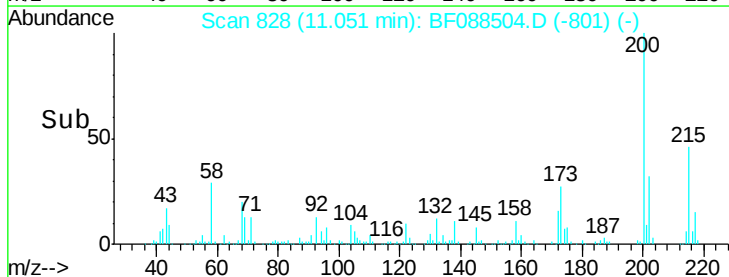
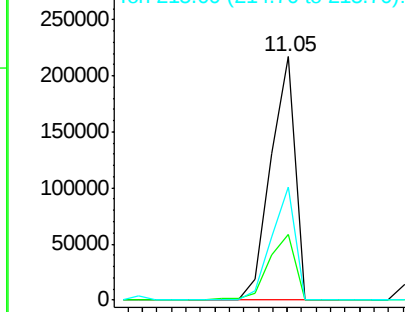


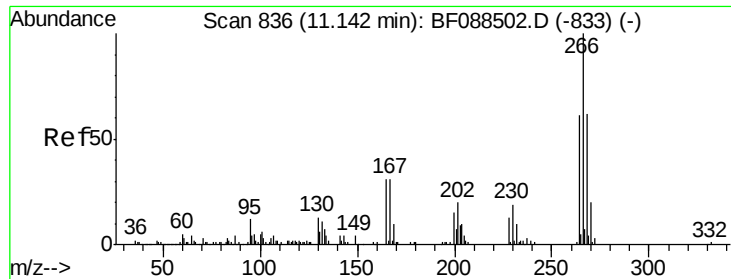
#68
Atrazine
Concen: 64.48 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	11.0	51.0
215	46.4	24.1	64.1



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





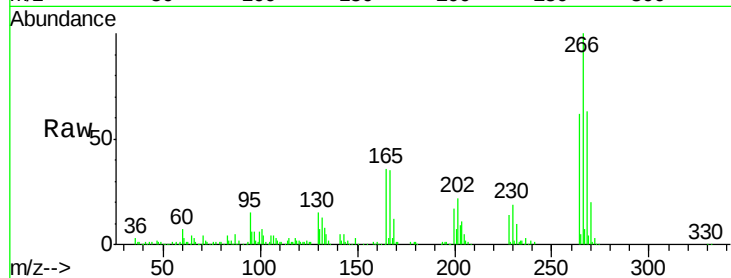
#69
 Pentachlorophenol
 Concen: 62.71 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

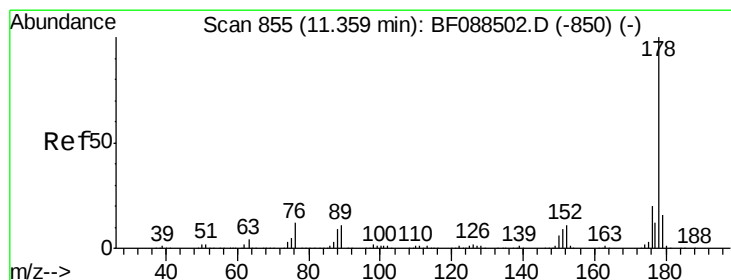
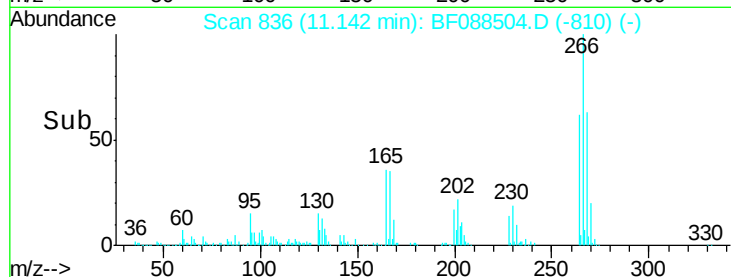
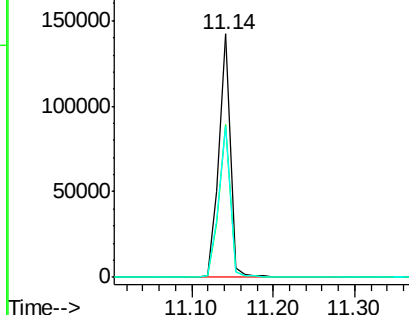
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.4	74.2
264	62.3	49.0	73.4

Manual Integrations

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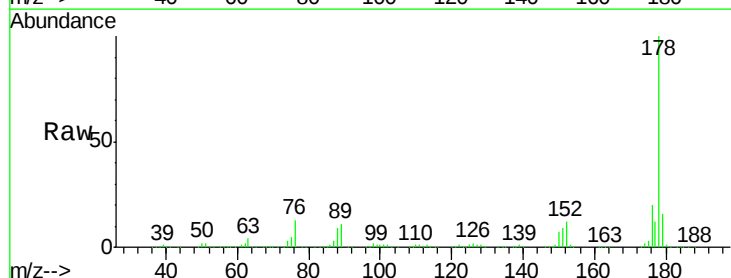


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

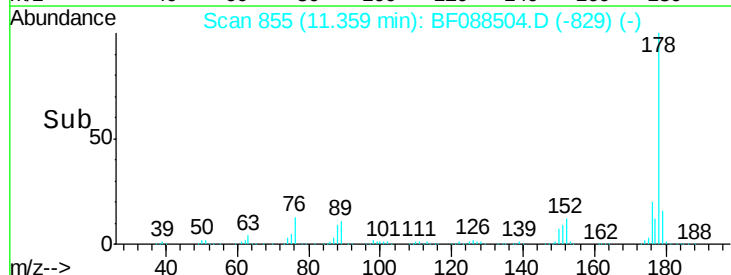
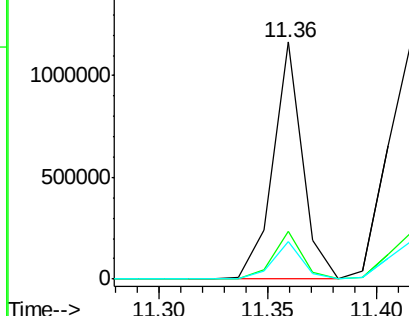


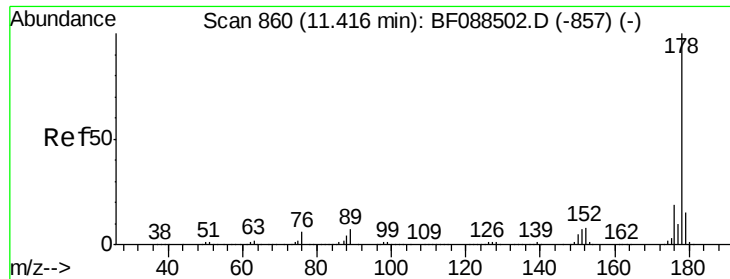
#70
 Phenanthrene
 Concen: 52.36 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	16.0	12.8	19.2



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





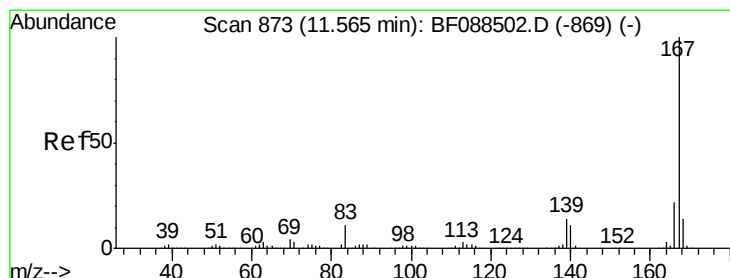
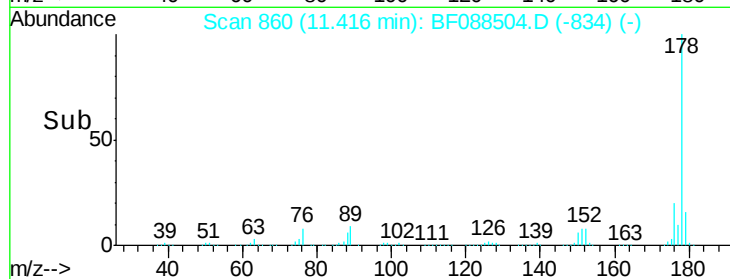
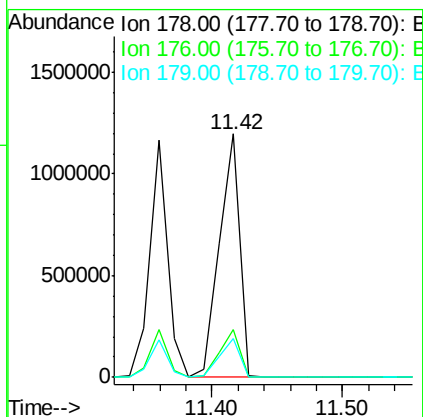
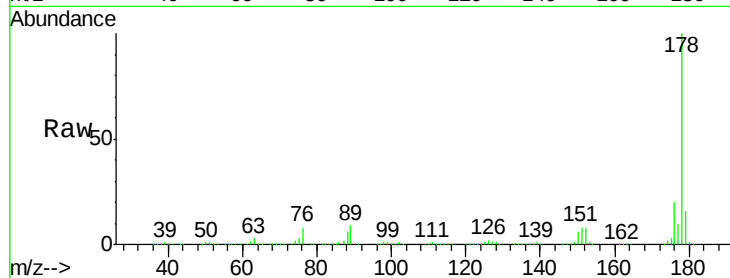
#71
 Anthracene
 Concen: 62.18 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1302699
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.2 22.8
 179 15.7 12.3 18.5

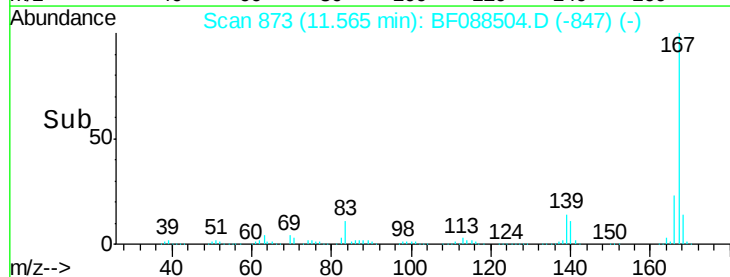
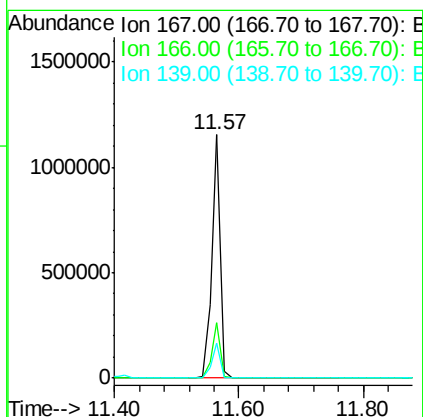
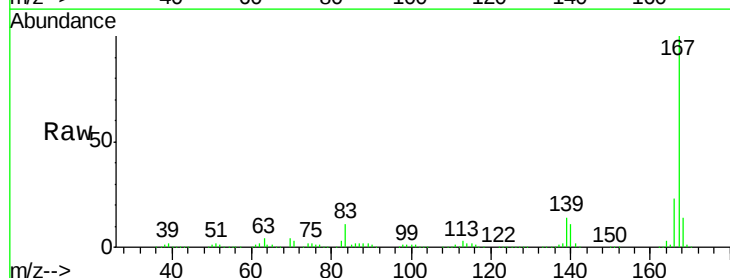
Manual Integrations

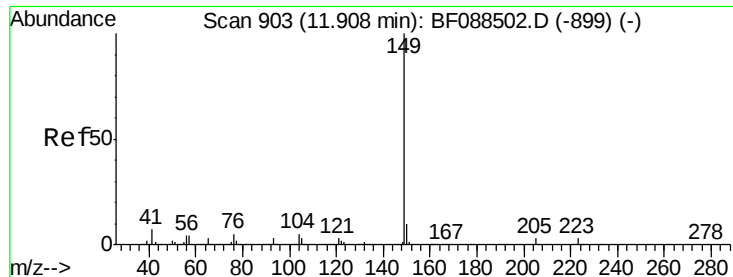
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#72
 Carbazole
 Concen: 54.09 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Tgt Ion:167 Resp: 1070224
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 14.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 54.77 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1353923

Ion Ratio Lower Upper

149 100

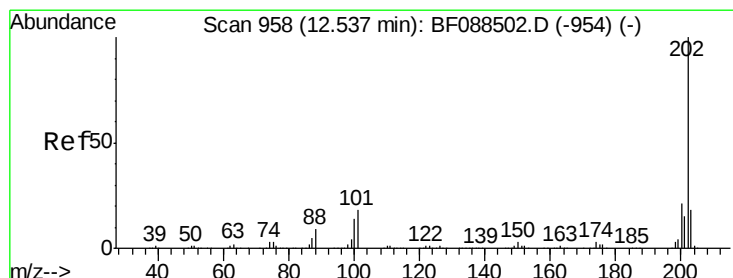
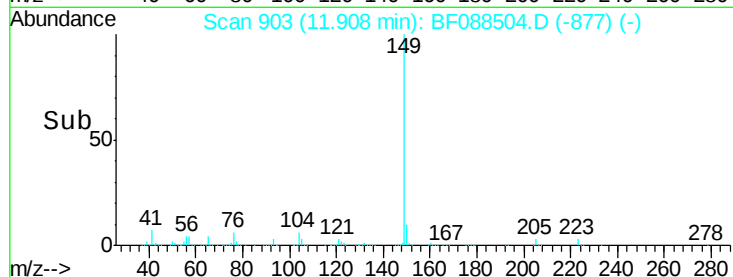
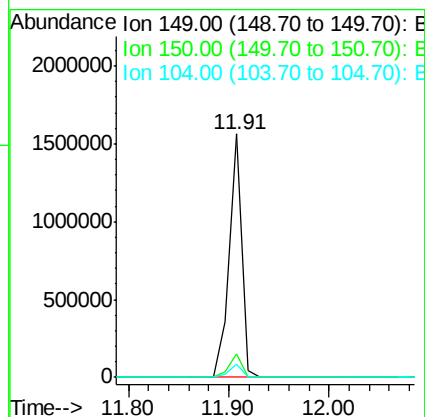
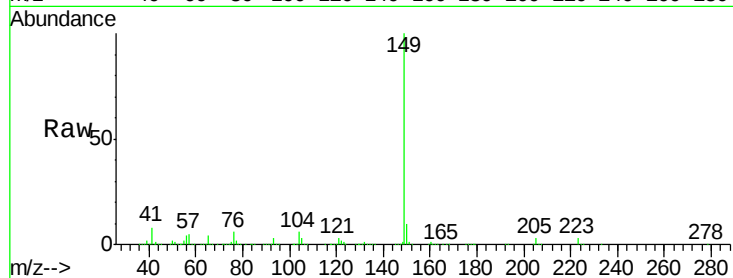
150 9.8 7.7 11.5

104 5.7 4.4 6.6

Manual Integrations

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#74

Fluoranthene

Concen: 52.75 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

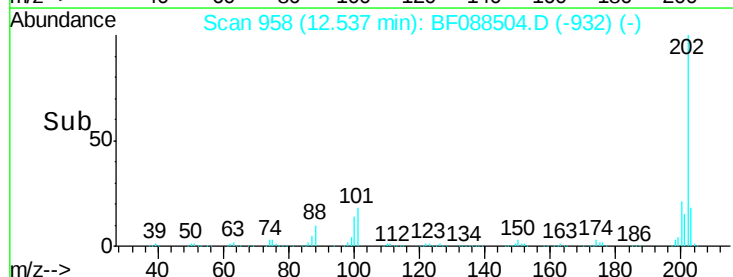
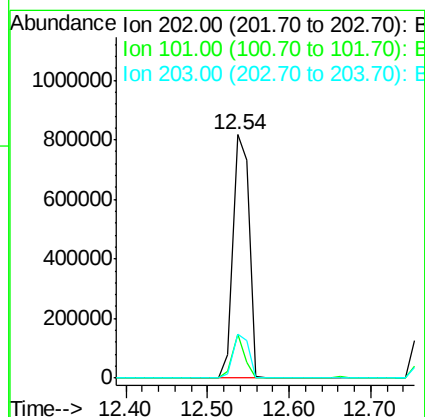
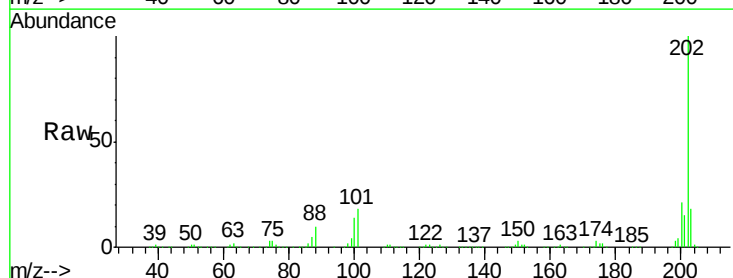
Tgt Ion:202 Resp: 1125346

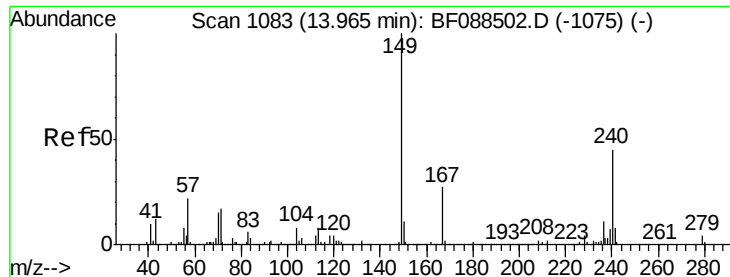
Ion Ratio Lower Upper

202 100

101 18.3 0.0 38.1

203 18.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:240 Resp: 218986

Ion Ratio Lower Upper

240 100

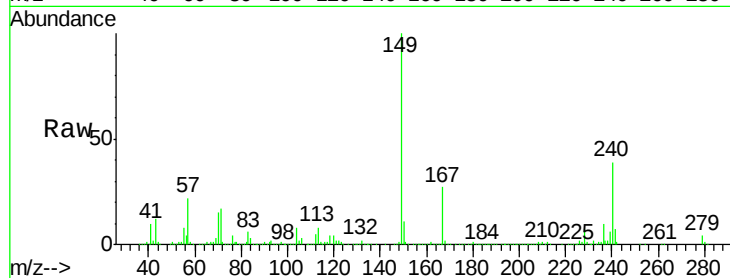
120 10.7 7.1 10.7#

236 26.0 20.3 30.5

Manual Integrations

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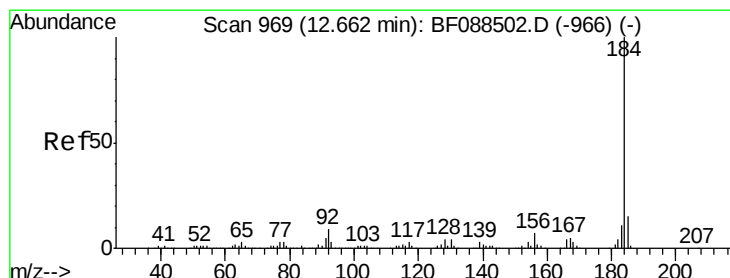
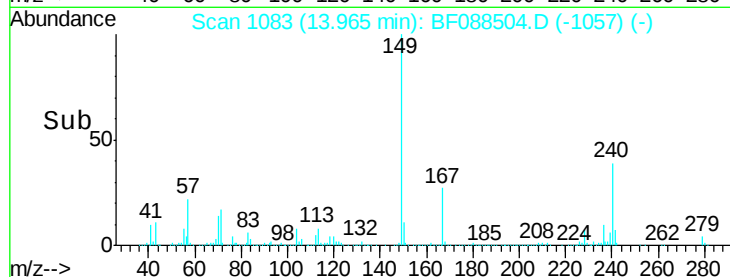
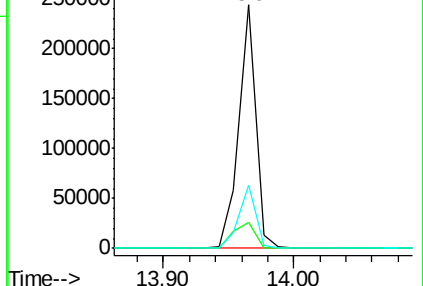
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 63.39 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

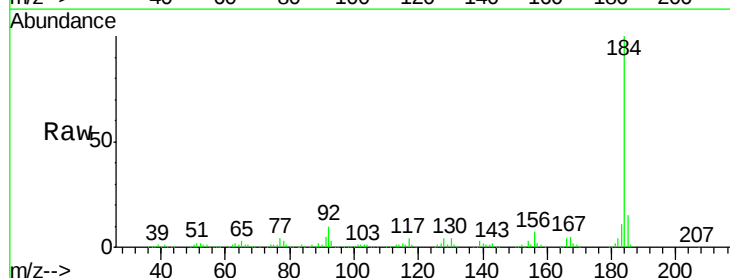
Tgt Ion:184 Resp: 398062

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

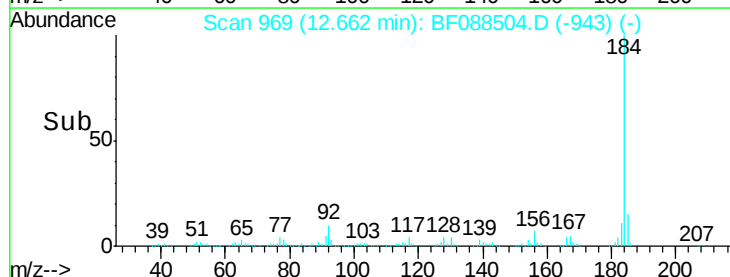
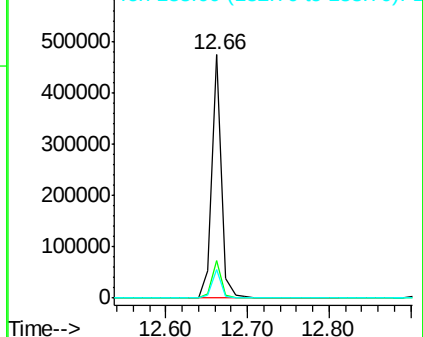
183 11.5 9.1 13.7

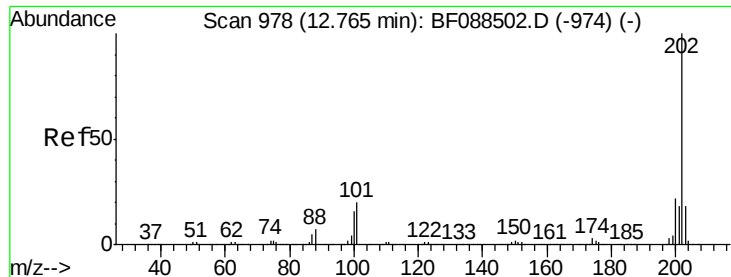


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





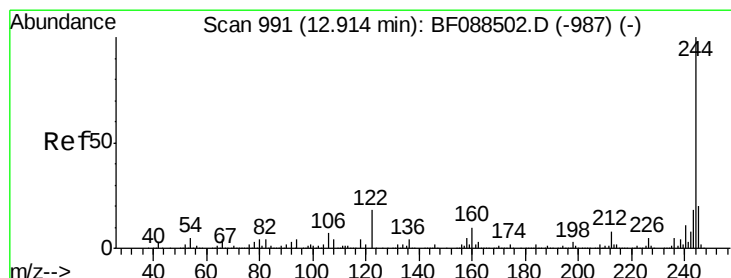
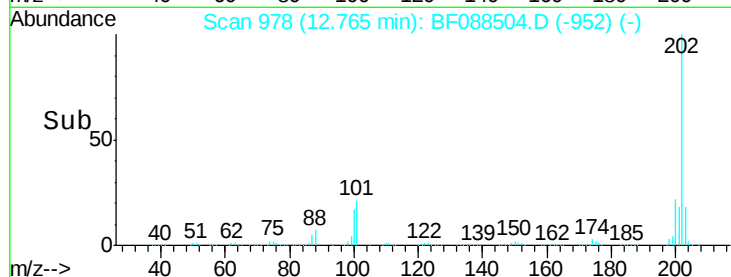
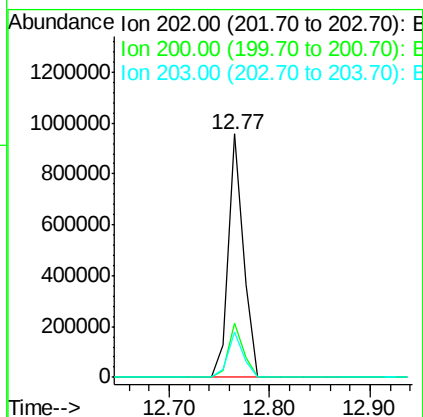
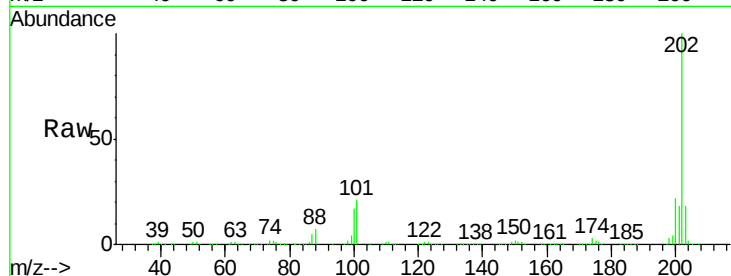
#77
Pvrene
Concen: 59.54 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.5	26.3
203	18.4	14.7	22.1

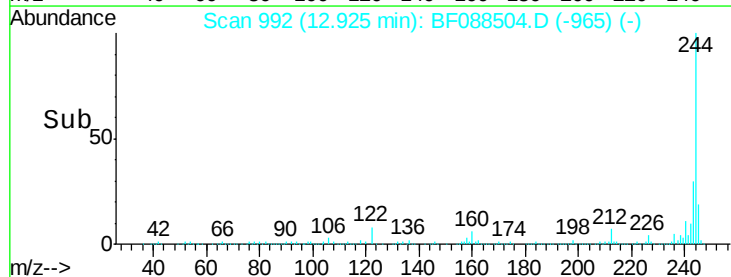
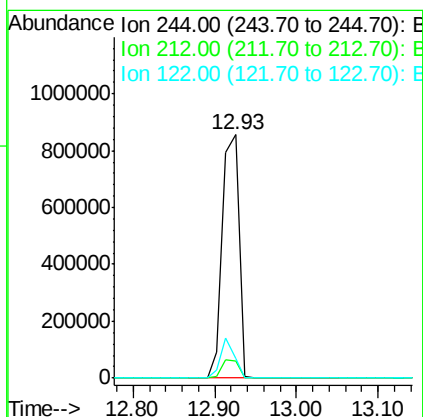
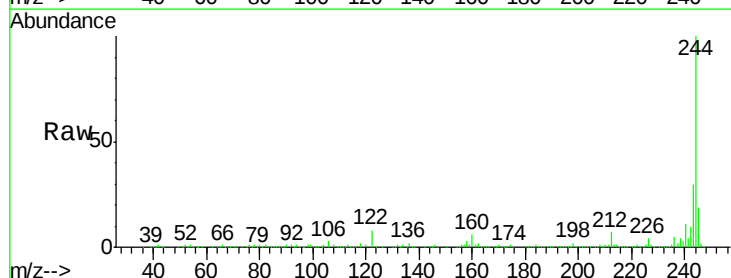
Manual Integrations

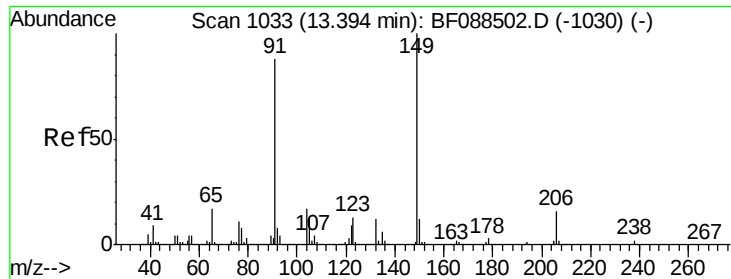
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#78
Terphenyl-d14
Concen: 120.77 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF088504.D
Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	8.1	14.8	22.2#





#79

Butylbenzylphthalate

Concen: 62.71 ng

RT: 13.39 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

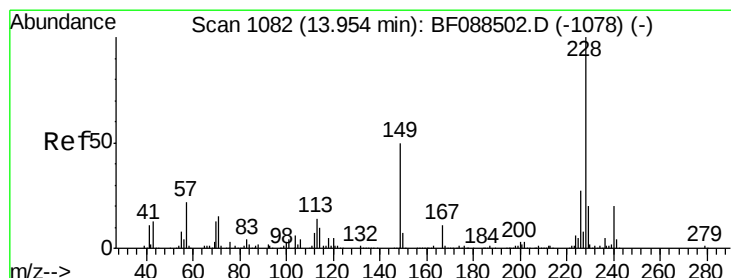
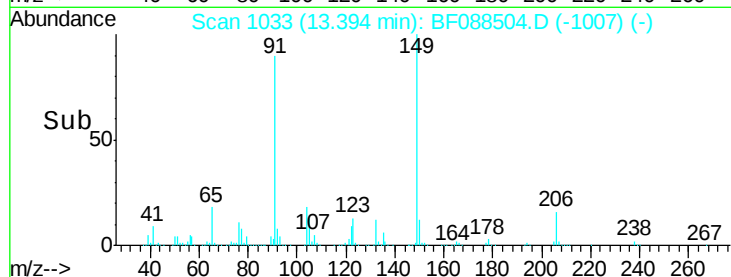
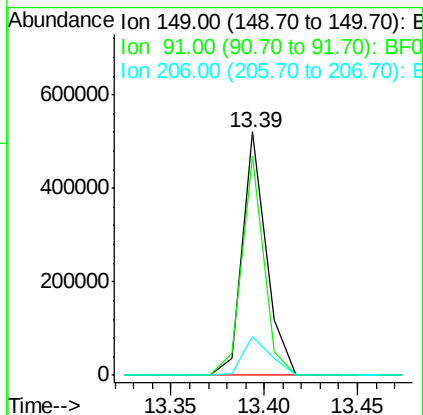
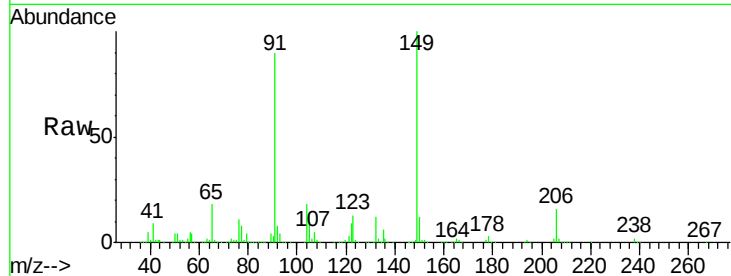
SSTDIC060

Tot Ion:	149	Resp:	463093
Ion Ratio	Lower	Upper	
149	100		
91	90.2	70.6	106.0
206	15.7	12.7	19.1

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 65.51 ng

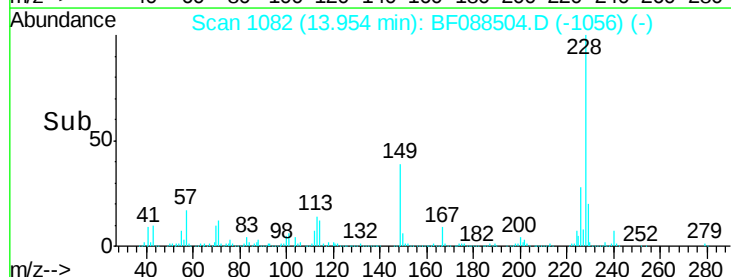
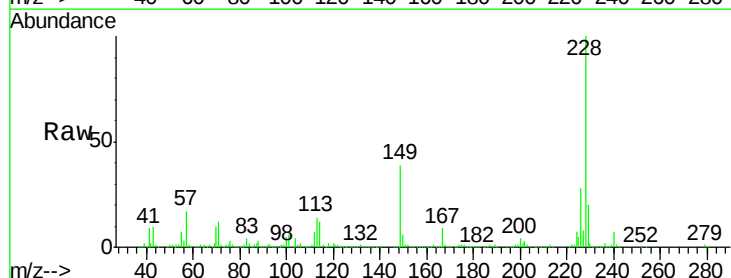
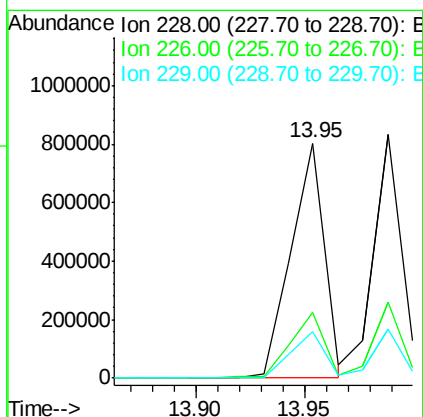
RT: 13.95 min Scan# 1082

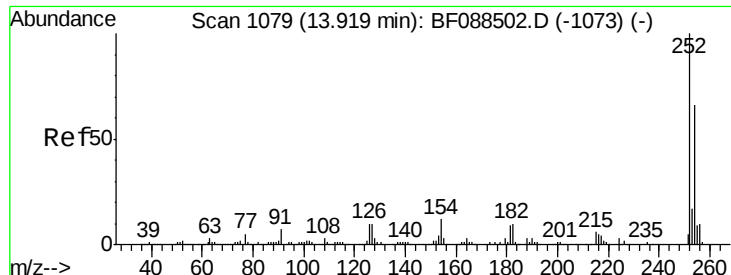
Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Tgt Ion:	228	Resp:	861111
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.0	33.0
229	19.9	15.8	23.6





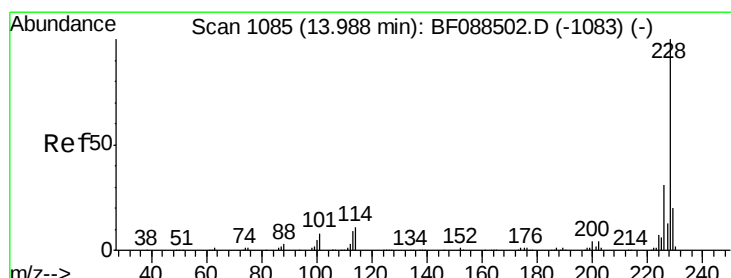
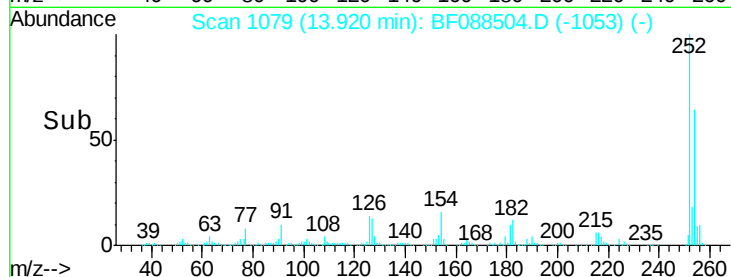
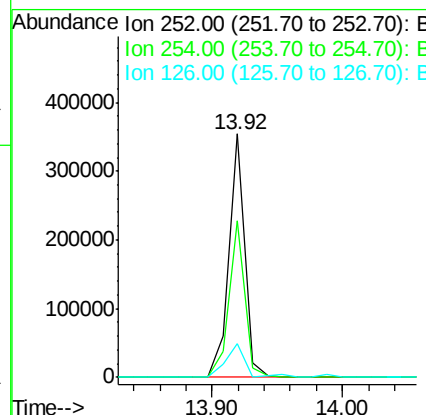
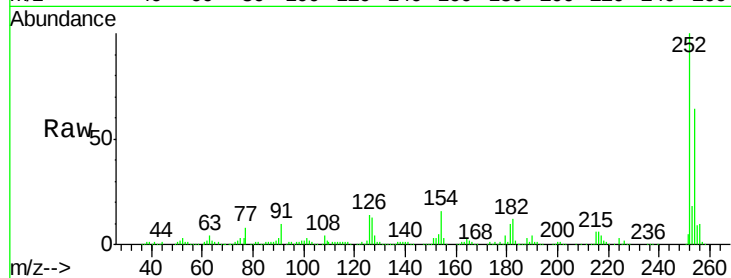
#81
 3,3'-Dichlorobenzidine
 Concen: 84.09 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	13.7	8.2	12.4

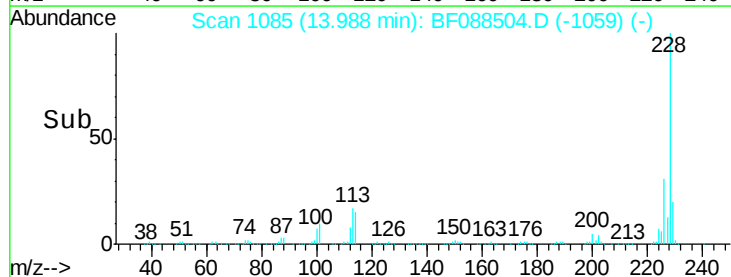
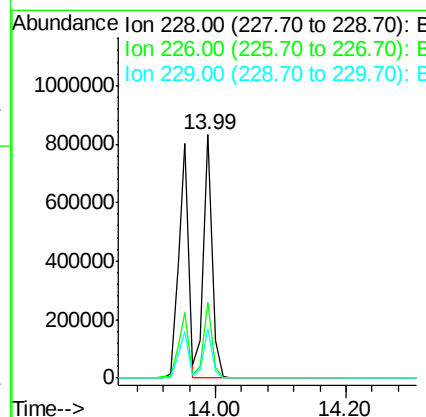
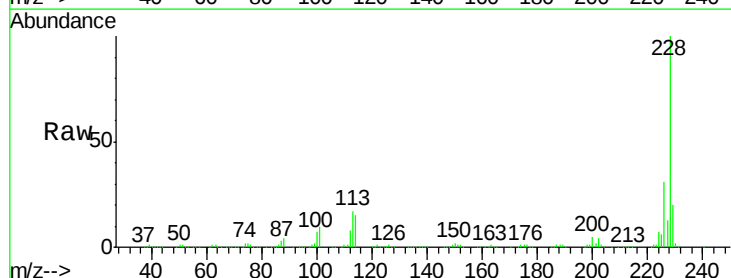
Manual Integrations

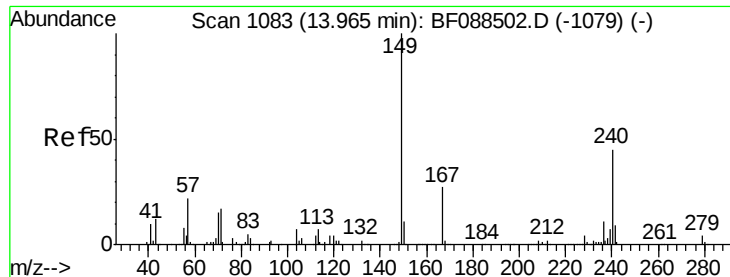
sohil
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#82
 Chrysene
 Concen: 62.04 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	20.0	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 71.29 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 664187

Ion Ratio Lower Upper

149 100

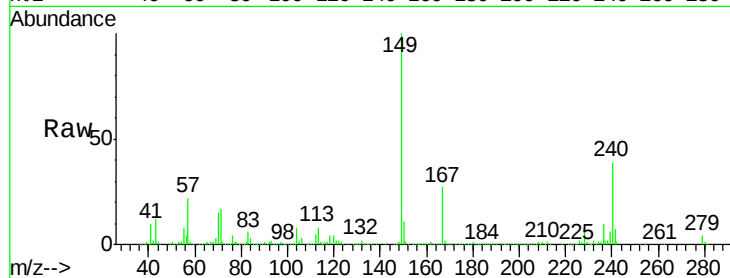
167 26.5 21.3 31.9

279 3.8 3.0 4.4

Manual Integrations

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

800000

600000

400000

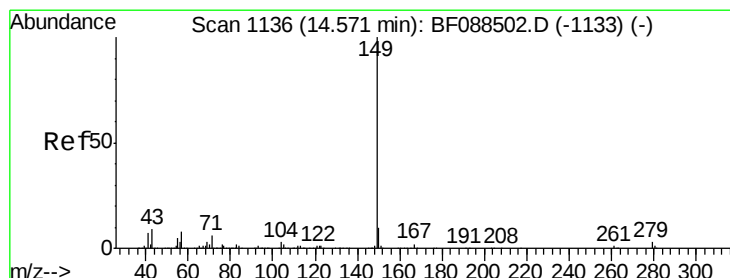
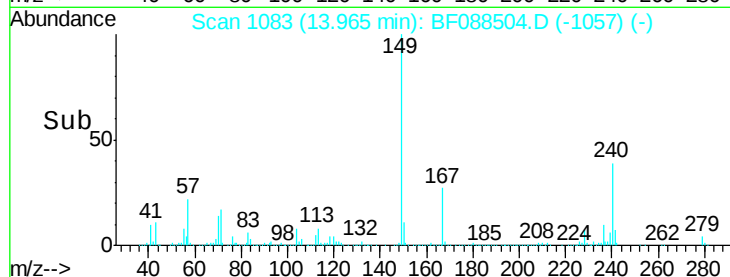
200000

0

13.97

13.90 14.00

Time-->



#84

Di-n-octyl phthalate

Concen: 76.02 ng

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

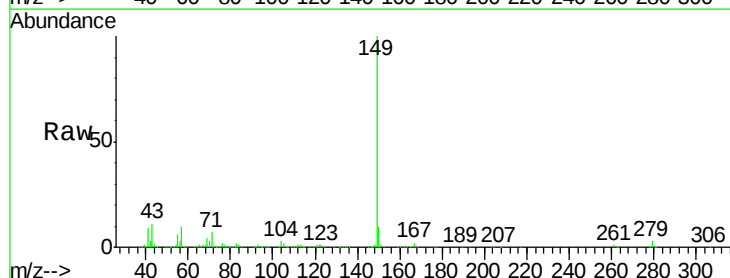
Tgt Ion:149 Resp: 1145181

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 11.6 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

1500000

1000000

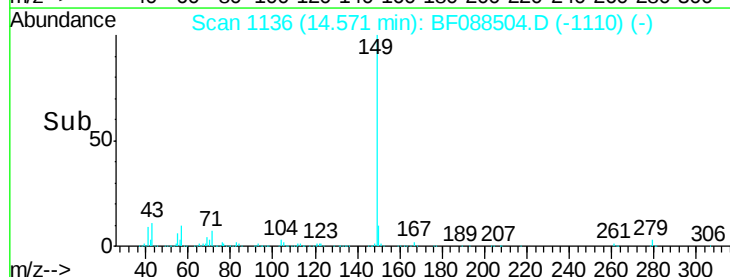
500000

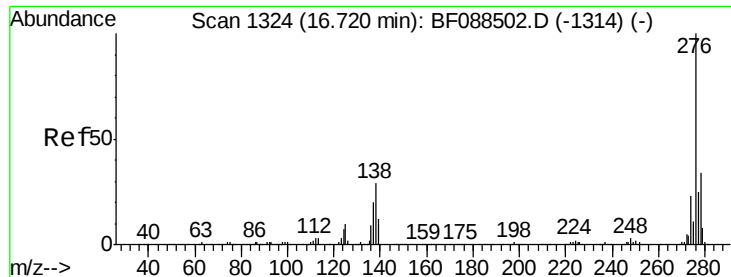
0

14.57

14.50 14.60 14.70

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 91.01 ng

RT: 16.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:276 Resp: 1075230

Ion Ratio Lower Upper

276 100

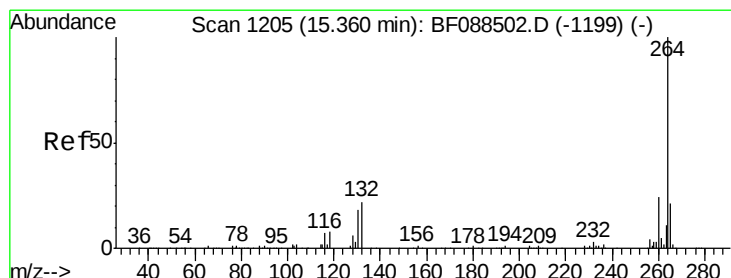
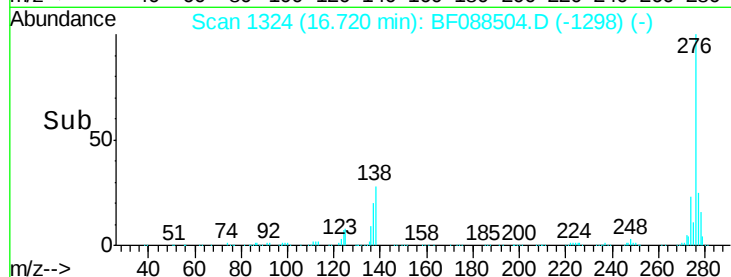
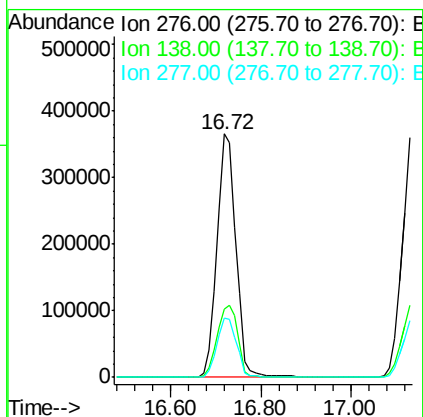
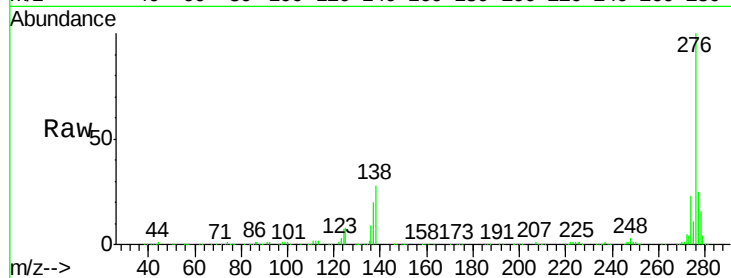
138 32.4 0.0 0.0#

277 25.4 0.0 0.0#

Manual Integrations

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

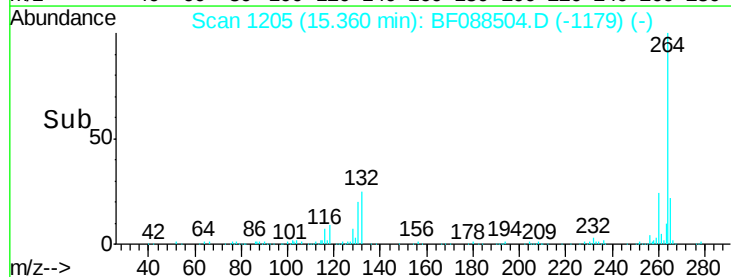
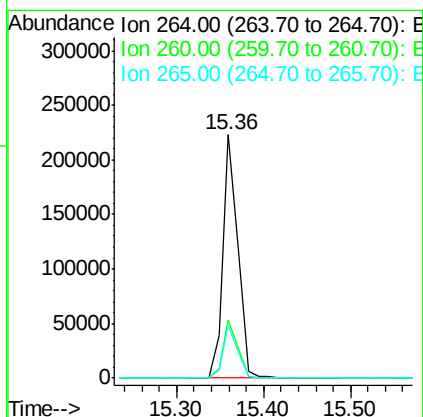
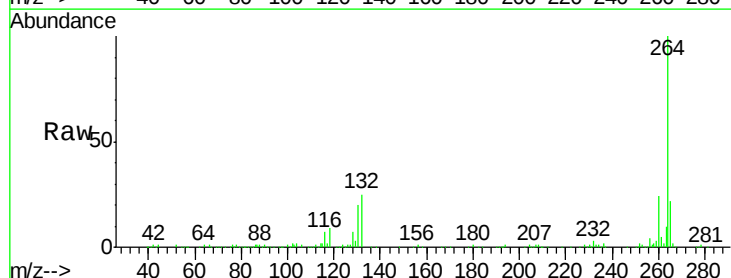
Tgt Ion:264 Resp: 269382

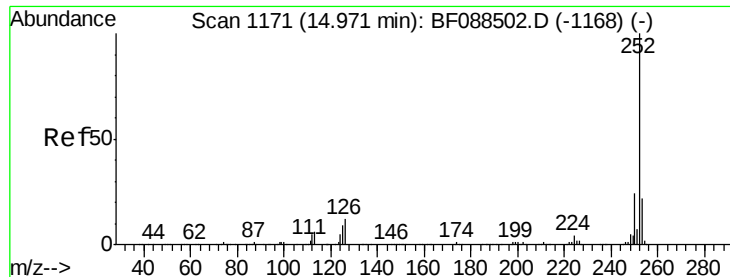
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.7 17.1 25.7





#87

Benzo(b)fluoranthene

Concen: 48.00 ng

RT: 14.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 881890

Ion Ratio Lower Upper

252 100

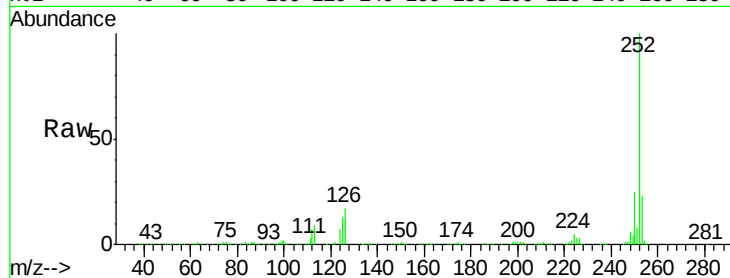
253 22.5 17.3 25.9

125 13.1 7.4 11.2#

Manual Integrations

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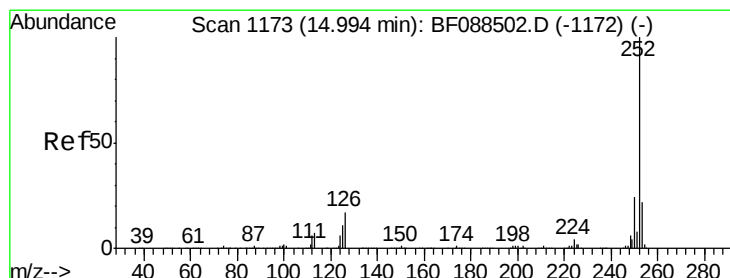
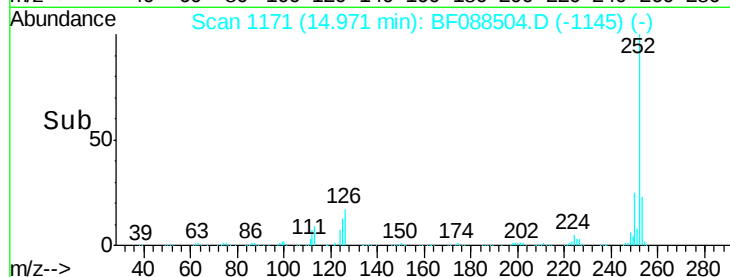
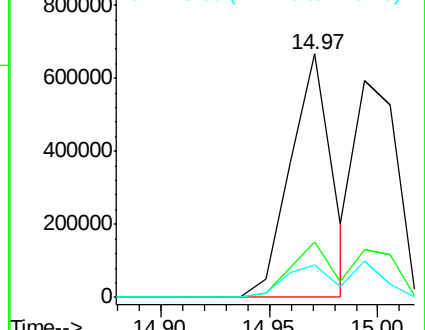
6/30/2016 7:46:39 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 55.42 ng m

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Tgt Ion:252 Resp: 792914

Ion Ratio Lower Upper

252 100

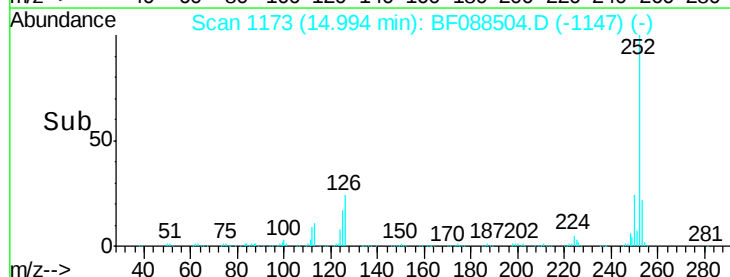
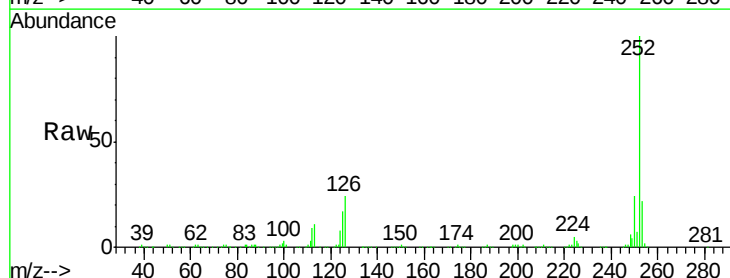
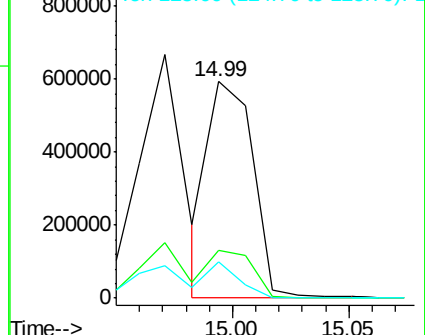
253 22.3 17.8 26.6

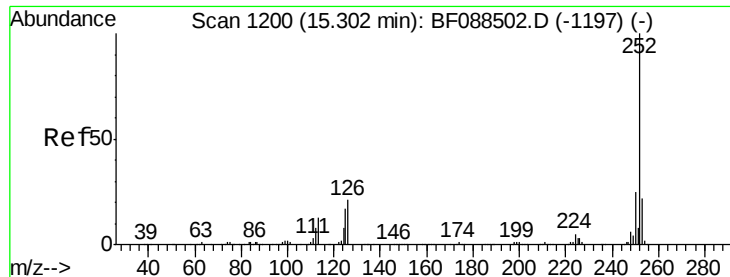
125 17.0 11.1 16.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.96 ng

RT: 15.31 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:252 Resp: 874808

Ion Ratio Lower Upper

252 100

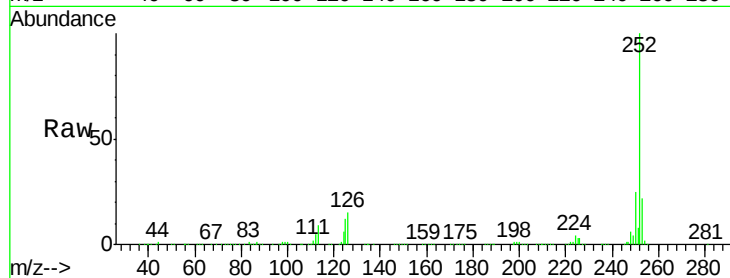
253 21.7 17.5 26.3

125 11.8 13.4 20.0#

Manual Integrations

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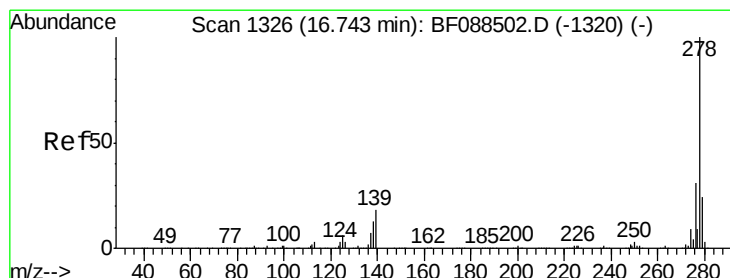
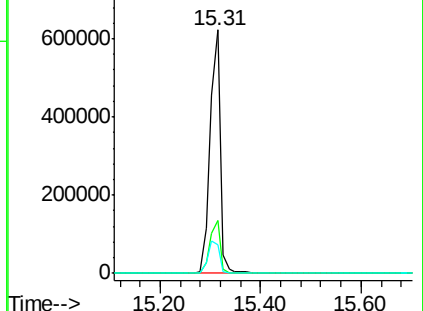
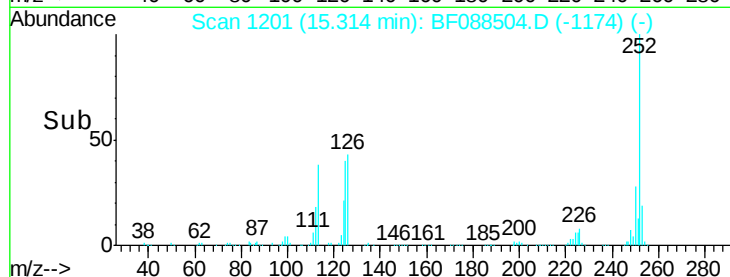
6/30/2016 7:46:39 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 61.33 ng

RT: 16.74 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF088504.D

Acq: 29 Jun 2016 20:34

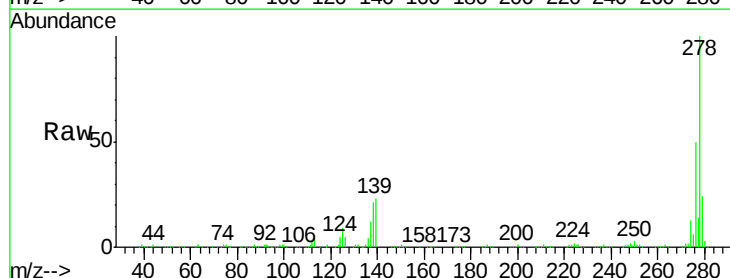
Tgt Ion:278 Resp: 874106

Ion Ratio Lower Upper

278 100

139 23.3 14.0 21.0#

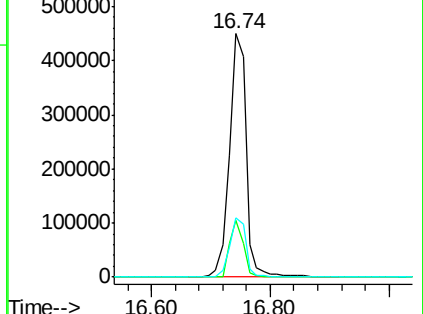
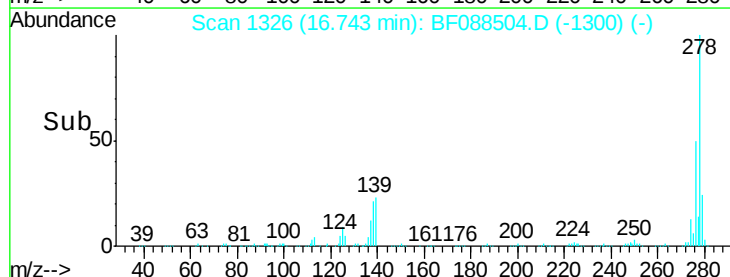
279 24.1 19.1 28.7

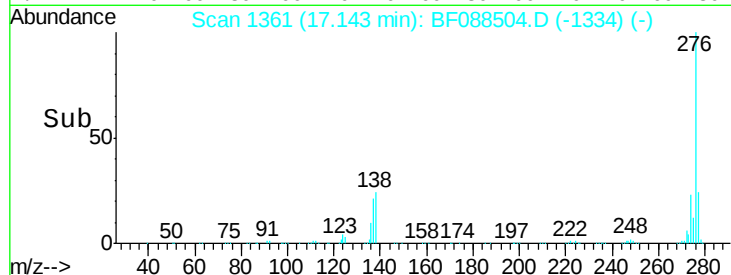
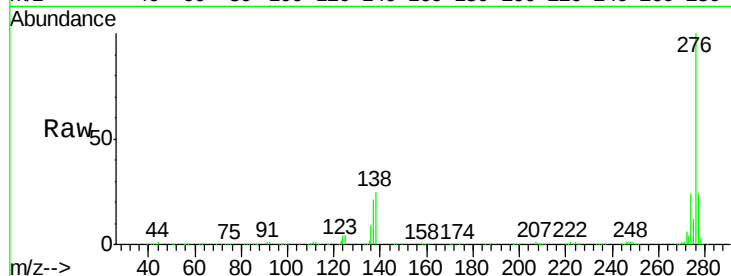
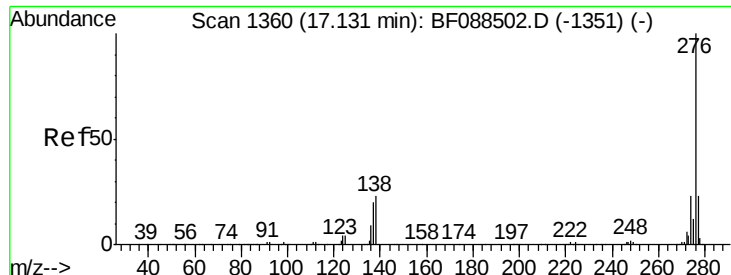


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 62.60 ng
 RT: 17.14 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF088504.D
 Acq: 29 Jun 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	276	Resp:	918220
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.4	27.6
138	24.5	18.7	28.1

Manual Integrations

sohil
 6/30/2016 7:46:39 PM

