

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091908.D
 Acq On : 23 Dec 2016 6:28
 Operator : UM/SJ
 Sample : H6156-25MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:53:30 PM

Quant Time: Dec 23 07:14:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	185569	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	759331	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	399590	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	578983	20.00	ng	0.00
75) Chrysene-d12	13.91	240	395326	20.00	ng	0.00
86) Perylene-d12	15.30	264	324380	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1365763	122.89	ng	0.06
7) Phenol-d6	6.45	99	1748453	128.86	ng	0.05
23) Nitrobenzene-d5	7.32	82	1219415	89.30	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	399670	120.86	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1980444	104.51	ng	0.00
78) Terphenyl-d14	12.85	244	1532126	93.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	186134	34.02	ng	96
3) Pyridine	3.04	79	537316	28.14	ng	98
4) n-Nitrosodimethylamine	3.00	42	285408	39.62	ng	93
6) Aniline	6.42	93	636019	36.09	ng	# 45
8) 2-Chlorophenol	6.56	128	548712	43.40	ng	100
9) Benzaldehyde	6.29	77	100191	10.06	ng	98
10) Phenol	6.46	94	650029	42.04	ng	# 66
11) bis(2-Chloroethyl)ether	6.50	93	613415	49.86	ng	96
12) 1,3-Dichlorobenzene	6.69	146	575104m	42.61	ng	
13) 1,4-Dichlorobenzene	6.77	146	583955	42.51	ng	94
14) 1,2-Dichlorobenzene	6.92	146	482489	40.48	ng	97
15) Benzyl Alcohol	6.91	79	514520	48.80	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	758174	41.38	ng	87
17) 2-Methylphenol	7.06	107	447557	44.02	ng	93
18) Hexachloroethane	7.26	117	215038	42.23	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	431091	47.76	ng	99
20) 3+4-Methylphenols	7.21	107	622250	51.31	ng	# 73
22) Acetophenone	7.17	105	870086	46.46	ng	# 87
24) Nitrobenzene	7.34	77	699735	48.11	ng	90
25) Isophorone	7.58	82	1159132	46.01	ng	96
26) 2-Nitrophenol	7.65	139	248814	34.69	ng	92
27) 2,4-Dimethylphenol	7.72	122	456734	38.39	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	766667	50.18	ng	100
29) 2,4-Dichlorophenol	7.93	162	463303	45.99	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	492568	44.62	ng	96
31) Naphthalene	8.06	128	4710347	135.54	ng	98
32) Benzoic acid	7.85	122	73489	8.33	ng	89
33) 4-Chloroaniline	8.12	127	566839	36.17	ng	98
34) Hexachlorobutadiene	8.18	225	280875	48.20	ng	99
35) Caprolactam	8.49	113	111220	33.60	ng	# 56
36) 4-Chloro-3-methylphenol	8.62	107	482453	41.62	ng	95
37) 2-Methylnaphthalene	8.75	142	1178807	69.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	489379	48.47	ng	99
40) Hexachlorocyclopentadiene	8.90	237	179870	41.99	ng	95

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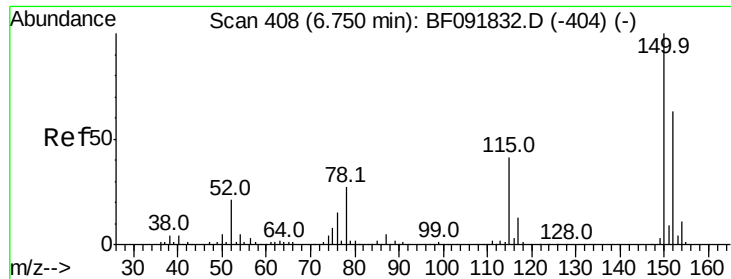
Manual Integrations
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Quant Time: Dec 23 07:14:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	293908	41.63	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	274364	37.76	nq	99
45) 1,1'-Biphenyl	9.22	154	1441381	52.68	nq	99
46) 2-Chloronaphthalene	9.24	162	1012083	46.71	nq	97
47) 2-Nitroaniline	9.34	65	293324	38.02	nq	99
48) Acenaphthylene	9.65	152	1538801	46.18	nq	99
49) Dimethylphthalate	9.53	163	1282567	50.18	nq	100
50) 2,6-Dinitrotoluene	9.58	165	239686	42.85	nq	# 72
51) Acenaphthene	9.82	154	1002673	44.38	nq	99
52) 3-Nitroaniline	9.76	138	241903	34.94	nq	95
53) 2,4-Dinitrophenol	9.86	184	27192	8.74	nq	# 47
54) Dibenzofuran	10.00	168	1366123	44.78	nq	98
55) 4-Nitrophenol	9.96	139	246794m	52.51	nq	
56) 2,4-Dinitrotoluene	9.98	165	281692	40.12	nq	# 83
57) Fluorene	10.34	166	1080605	48.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	210147	36.57	nq	100
59) Diethylphthalate	10.21	149	1215537	48.97	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	446668	45.96	nq	97
61) 4-Nitroaniline	10.37	138	246403	34.35	nq	98
62) Azobenzene	10.49	77	1226794	44.89	nq	99
64) 4,6-Dinitro-2-methylphenol	10.40	198	44096	12.59	nq	72
65) n-Nitrosodiphenylamine	10.45	169	901793	52.49	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	306499	50.89	nq	99
67) Hexachlorobenzene	10.89	284	330214	51.29	nq	95
68) Atrazine	10.99	200	327733	59.14	nq	96
69) Pentachlorophenol	11.09	266	190099	60.18	nq	100
70) Phenanthrene	11.30	178	1515883	48.28	nq	98
71) Anthracene	11.35	178	1337247	49.89	nq	99
72) Carbazole	11.51	167	1206611	48.19	nq	98
73) Di-n-butylphthalate	11.84	149	1706959	58.62	nq	99
74) Fluoranthene	12.48	202	1228368	44.56	nq	98
76) Benzdine	12.61	184	429089	41.98	nq	96
77) Pyrene	12.71	202	1225512	42.25	nq	100
79) Butylbenzylphthalate	13.33	149	687510	52.12	nq	88
80) Benzo(a)anthracene	13.89	228	965435	43.26	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	281605	33.28	nq	96
82) Chrysene	13.93	228	842402	37.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	920907	59.28	nq	# 99
84) Di-n-octyl phthalate	14.50	149	1451906	50.45	nq	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	766718	39.54	nq	97
87) Benzo(b)fluoranthene	14.91	252	942980m	46.69	nq	
88) Benzo(k)fluoranthene	14.93	252	833665m	48.41	nq	
89) Benzo(a)pyrene	15.24	252	833142	46.48	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	645249	43.80	nq	95
91) Benzo(g,h,i)perylene	17.05	276	626379	40.89	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

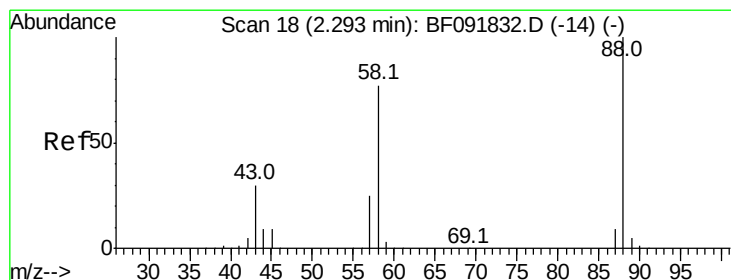
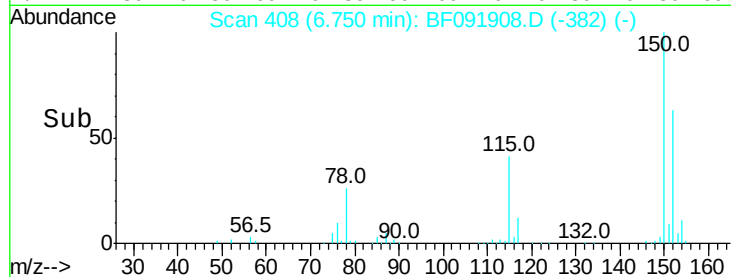
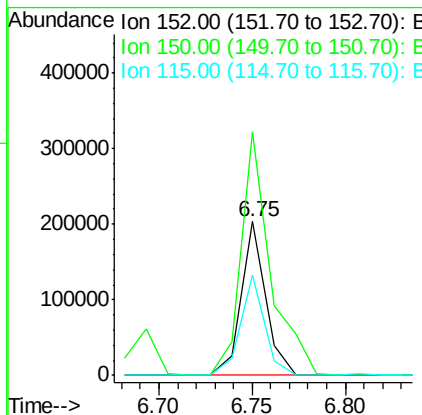
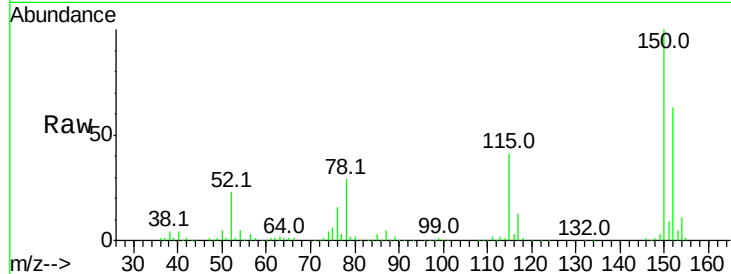
ClientSampleId :

WC-201612MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	65.1	46.0	69.0

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#2

1,4-Dioxane

Concen: 34.02 ng

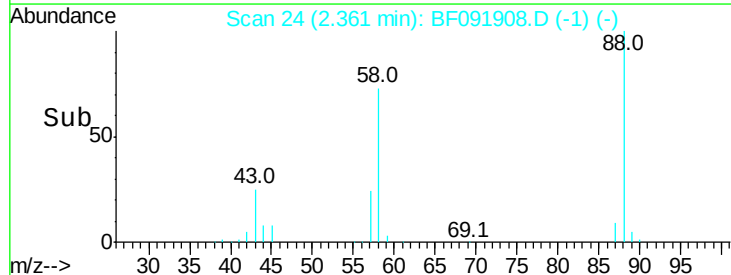
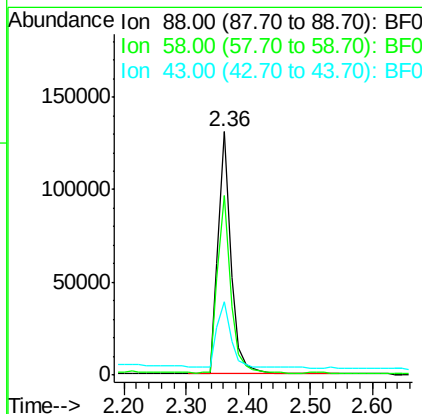
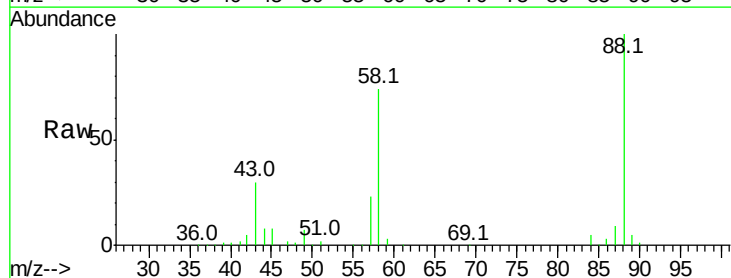
RT: 2.36 min Scan# 24

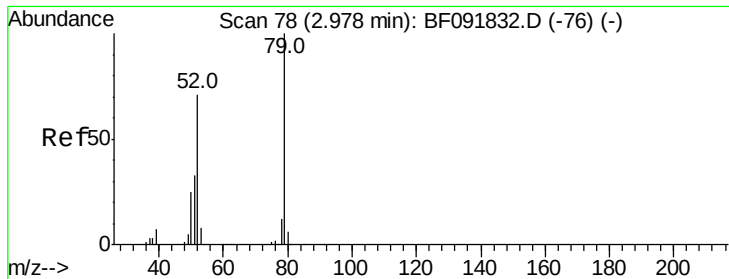
Delta R.T. 0.07 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	57.8	86.8
43	30.7	22.3	33.5





#3

Pvridine

Concen: 28.14 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.06 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

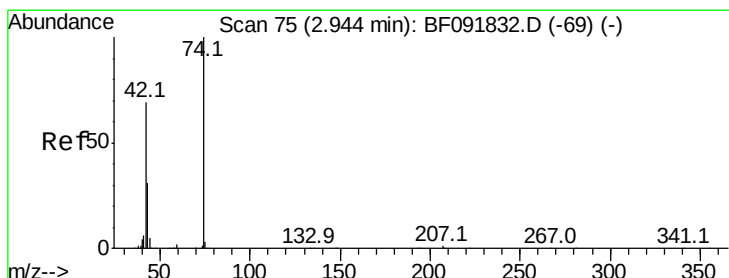
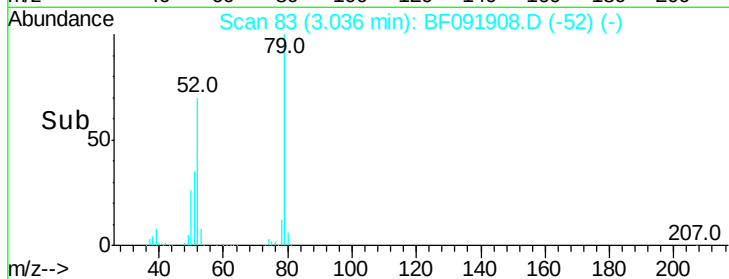
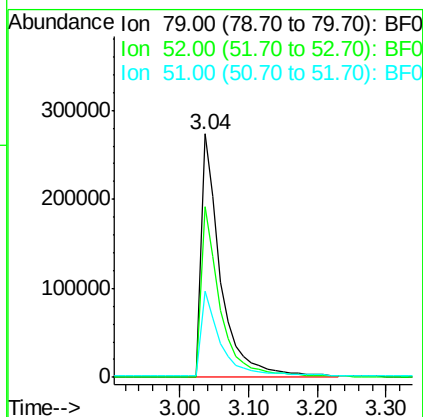
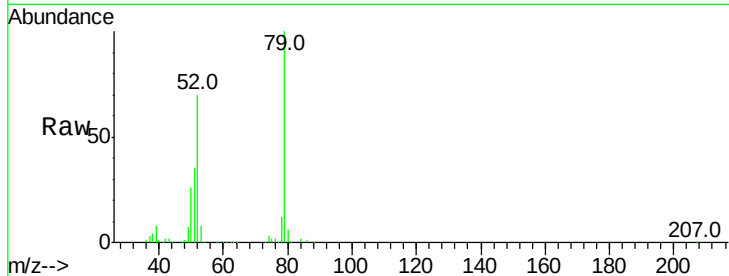
ClientSampleId :

WC-201612MS

Tot Ion:	79	Resp:	537316
Ion Ratio	Lower	Upper	
79	100		
52	70.3	57.1	85.7
51	35.4	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.62 ng

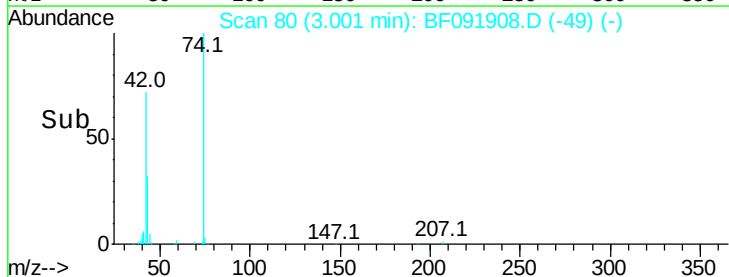
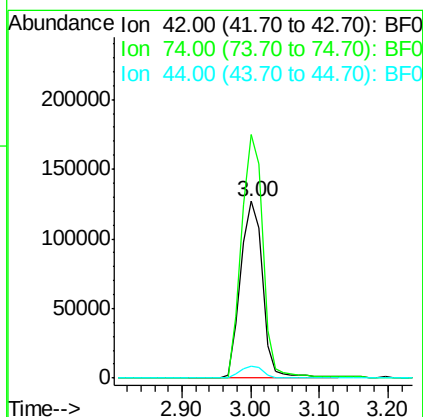
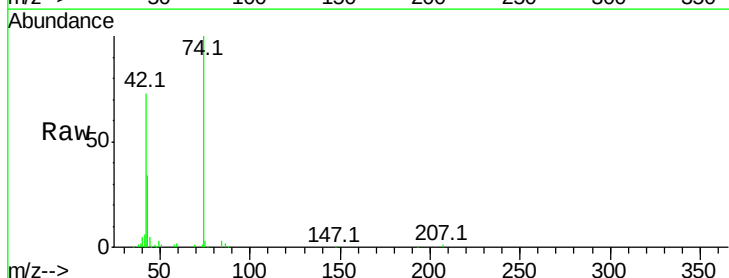
RT: 3.00 min Scan# 80

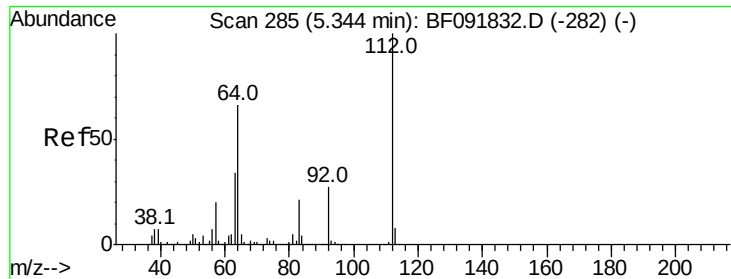
Delta R.T. 0.06 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:	42	Resp:	285408
Ion Ratio	Lower	Upper	
42	100		
74	137.7	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 122.89 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.06 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:112 Resp: 1365763

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

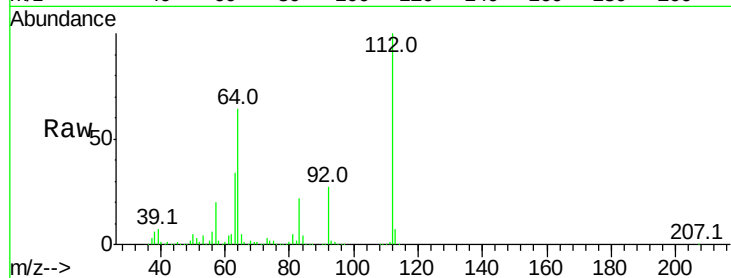
63 34.2 23.8 35.6

Manual Integrations

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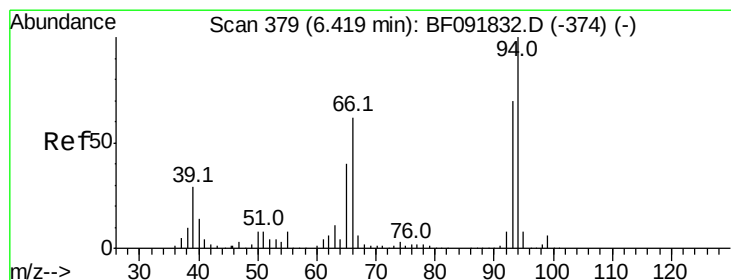
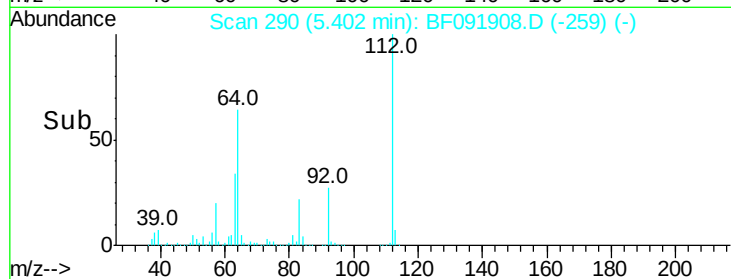
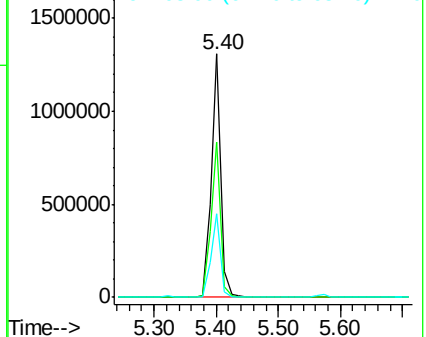
12/23/2016 5:53:30 PM



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.09 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

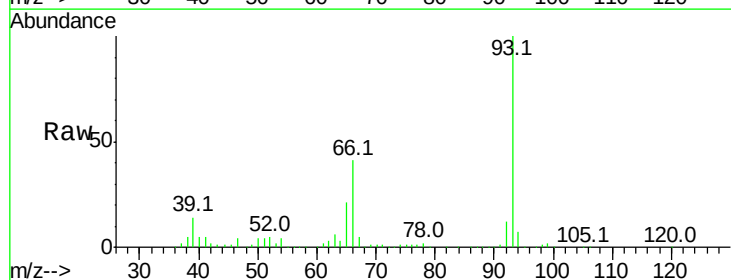
Tgt Ion: 93 Resp: 636019

Ion Ratio Lower Upper

93 100

66 40.7 76.2 114.2#

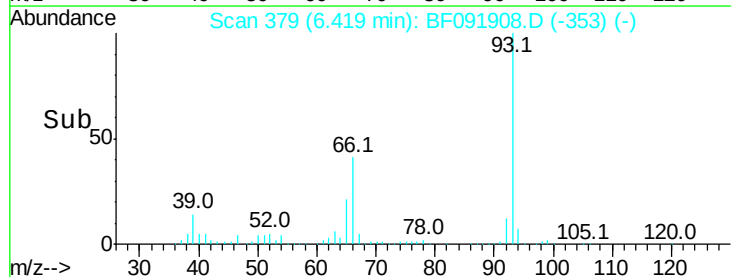
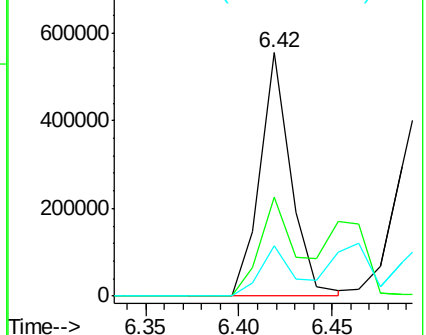
65 20.8 49.3 73.9#

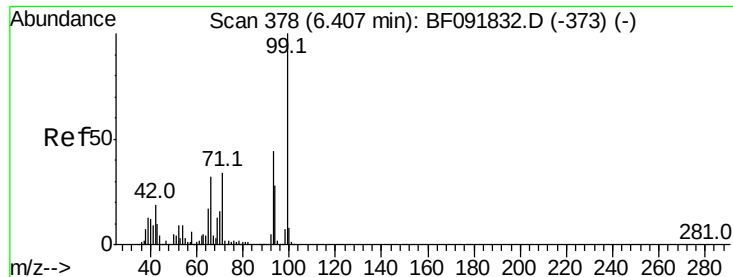


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.86 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion: 99 Resp: 1748453

Ion Ratio Lower Upper

99 100

42 17.0 15.6 23.4

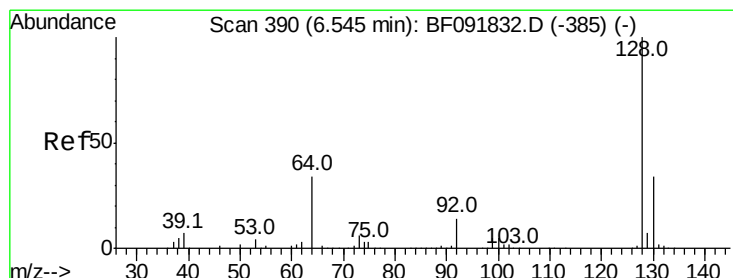
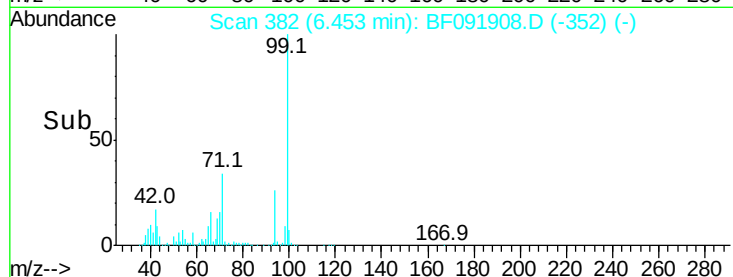
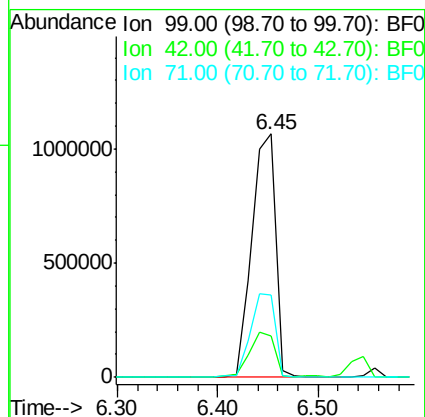
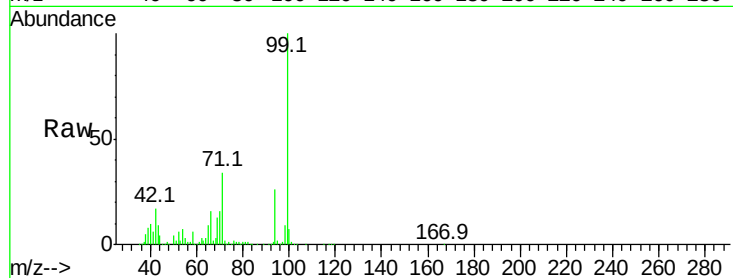
71 33.8 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.40 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

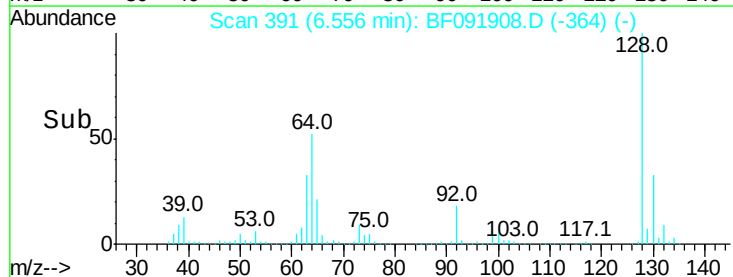
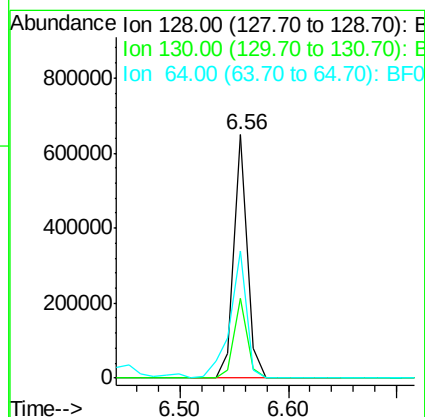
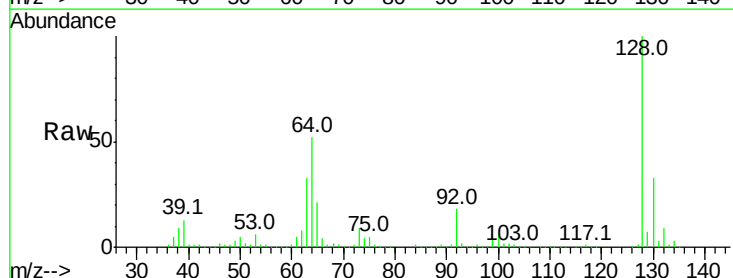
Tgt Ion:128 Resp: 548712

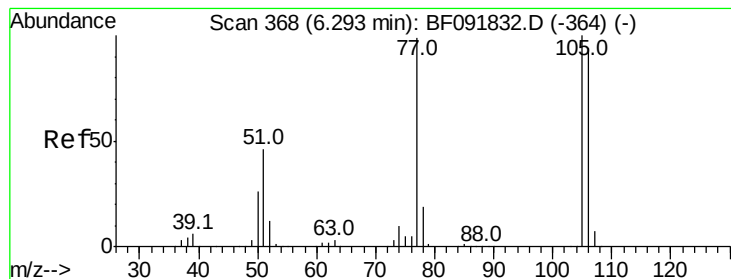
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 52.2 32.2 72.2





#9

Benzaldehyde

Concen: 10.06 ng

RT: 6.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

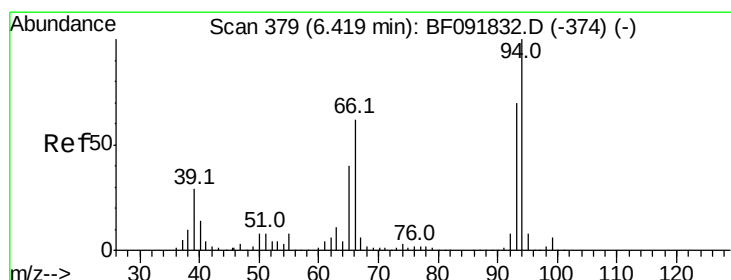
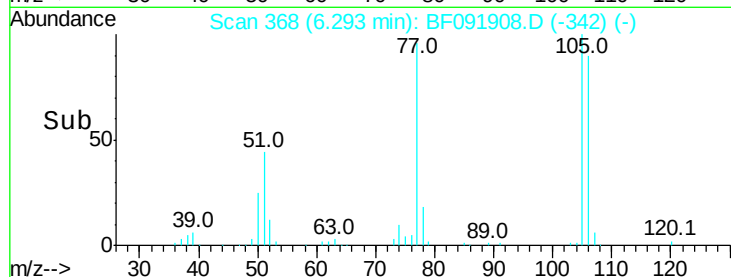
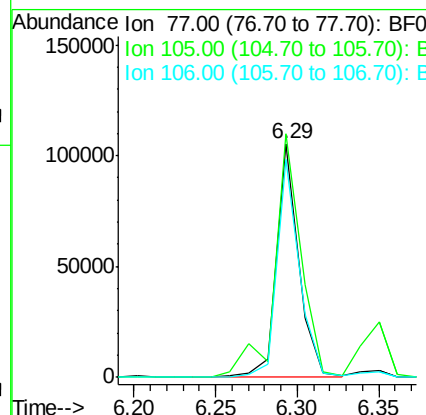
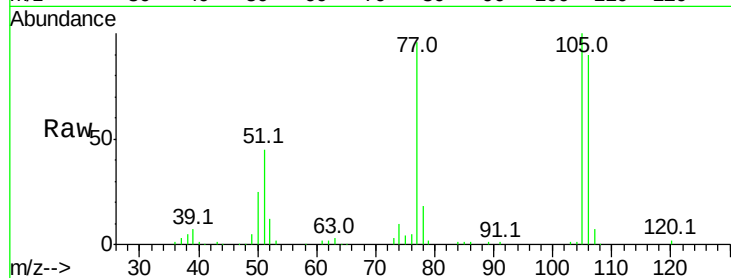
ClientSampleId :

WC-201612MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.3	83.9	123.9
106	93.4	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 42.04 ng

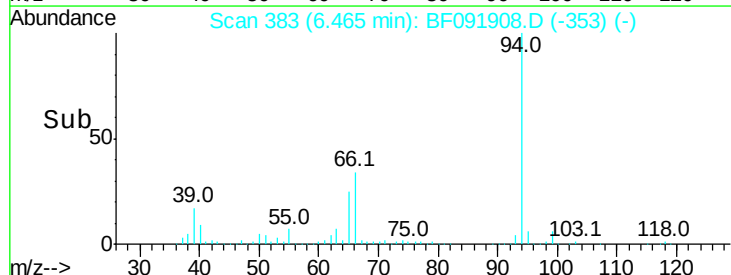
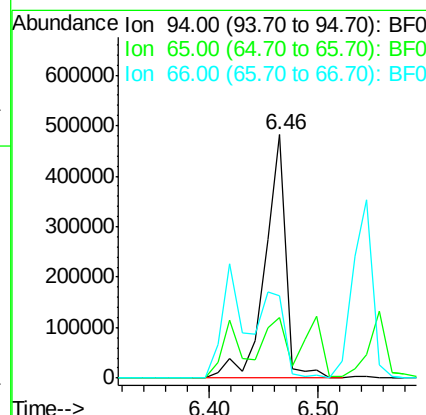
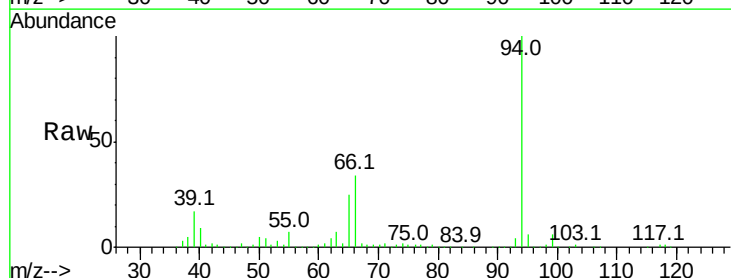
RT: 6.46 min Scan# 383

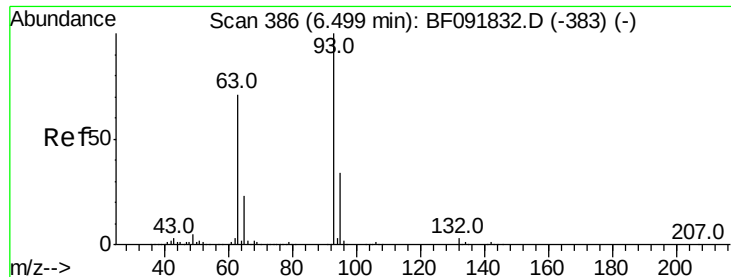
Delta R.T. 0.05 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	24.9	21.4	61.4
66	33.8	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 49.86 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

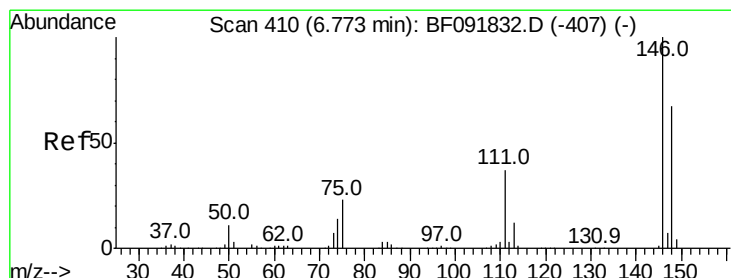
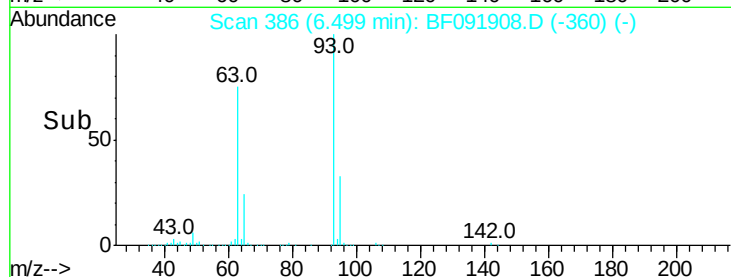
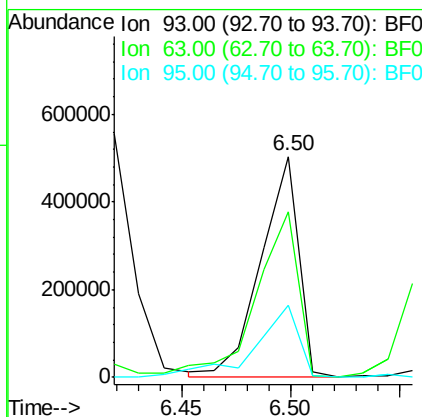
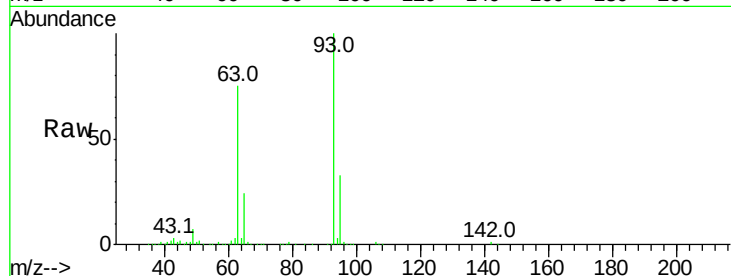
ClientSampleId :

WC-201612MS

Tot Ion:	93	Resp:	613415
Ion Ratio	Lower	Upper	
93	100		
63	75.3	60.4	100.4
95	32.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.61 ng m

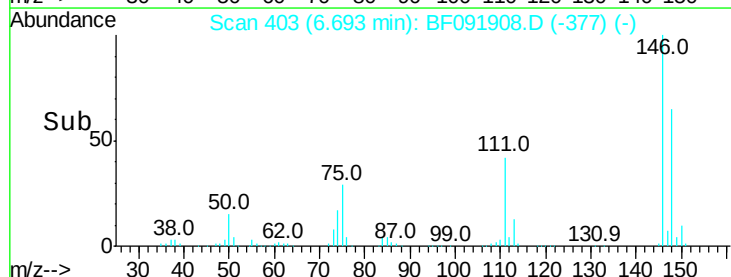
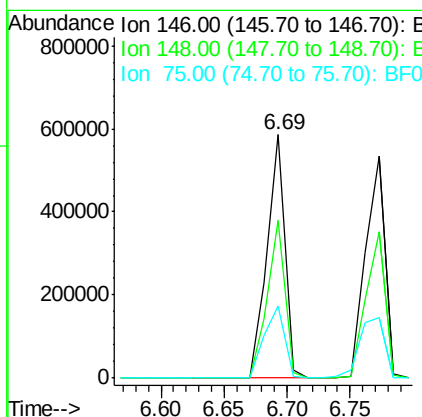
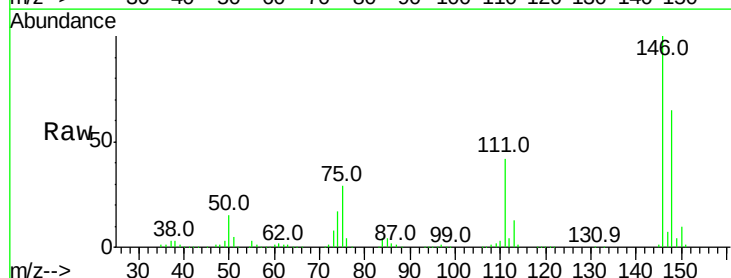
RT: 6.69 min Scan# 403

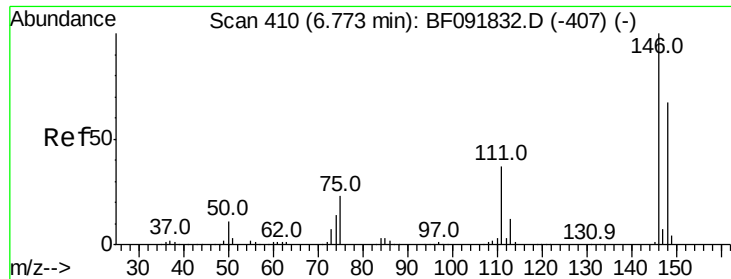
Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:	146	Resp:	575104
Ion Ratio	Lower	Upper	
146	100		
148	65.0	53.4	80.0
75	29.4	18.5	27.7#





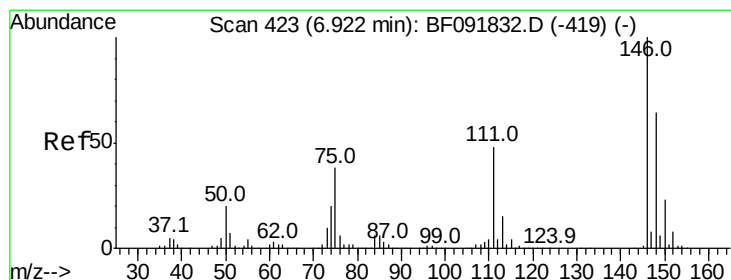
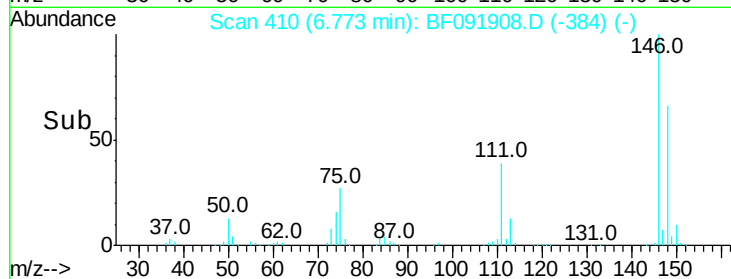
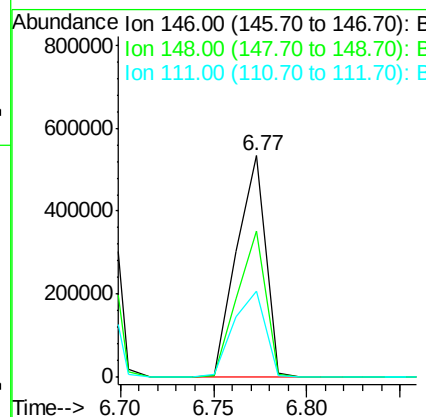
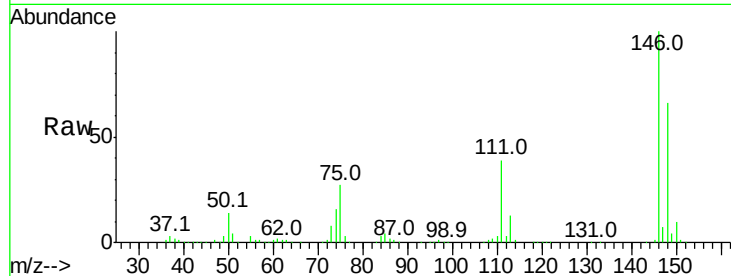
#13
 1,4-Dichlorobenzene
 Concen: 42.51 ng
 RT: 6.77 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.6	76.0
111	39.0	36.2	54.4

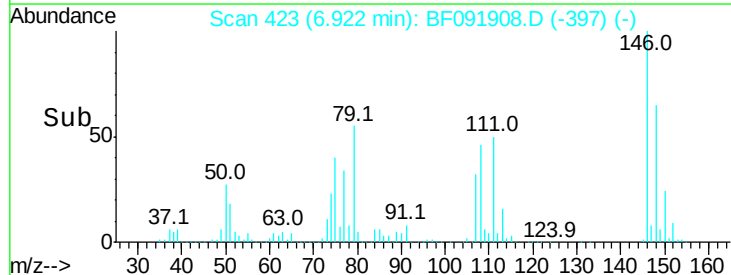
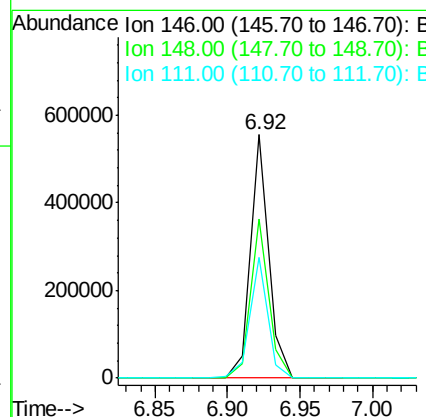
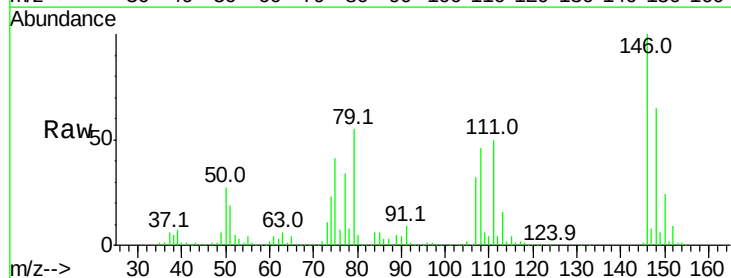
Manual Integrations
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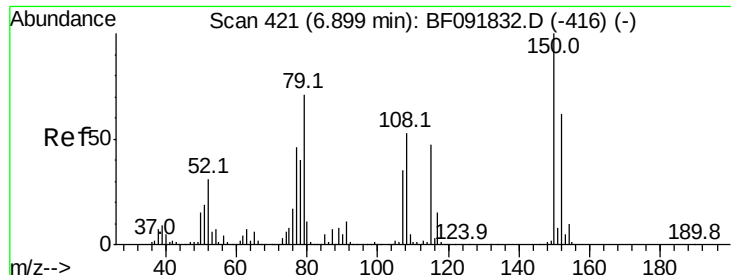
SOHIL
 12/23/2016 5:53:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.48 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	49.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 48.80 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

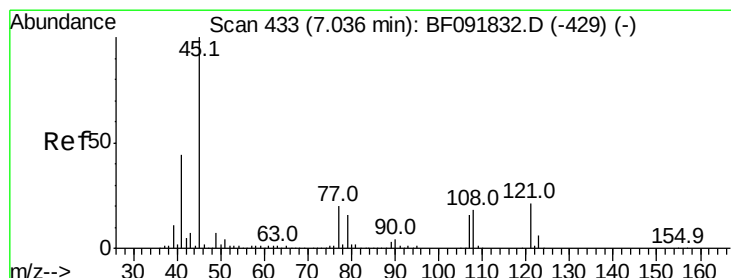
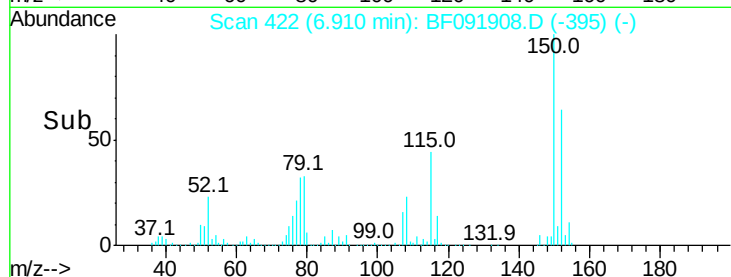
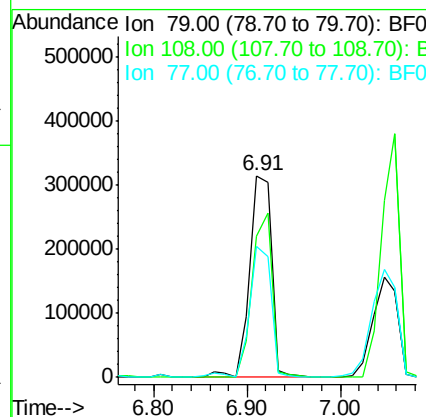
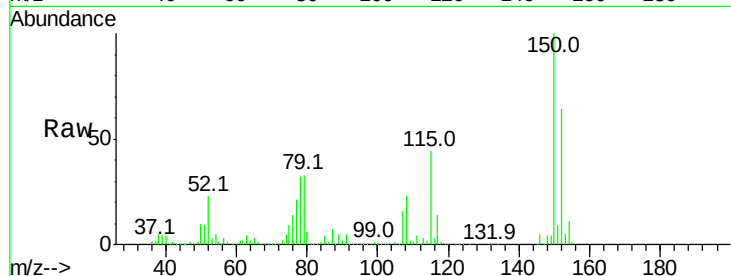
ClientSampleId :

WC-201612MS

Tot Ion:	79	Resp:	514520
Ion Ratio	Lower	Upper	
79	100		
108	70.2	61.4	92.0
77	65.0	50.9	76.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.38 ng

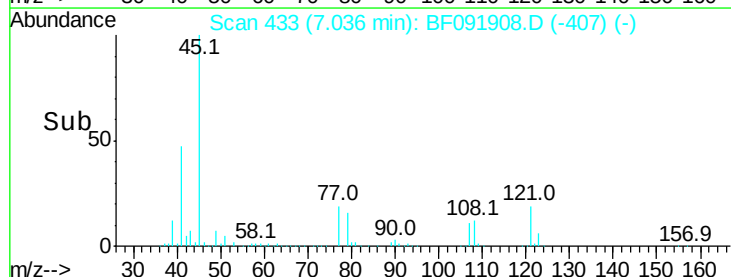
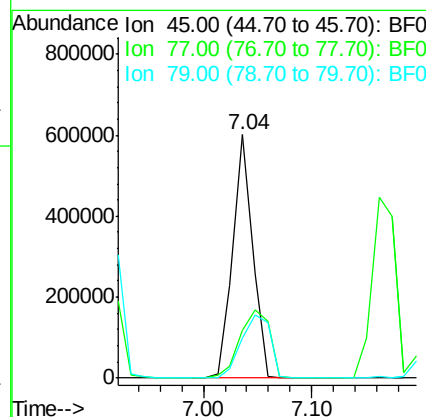
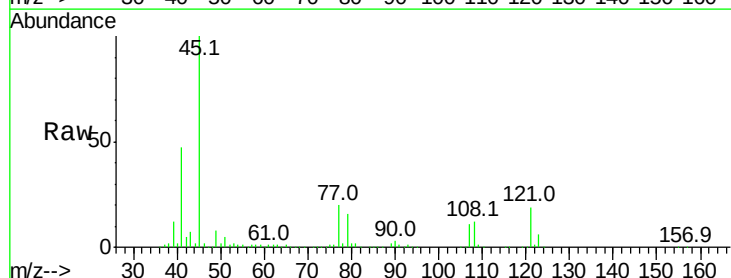
RT: 7.04 min Scan# 433

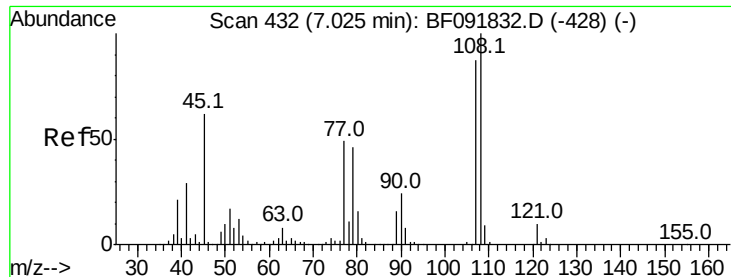
Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:	45	Resp:	758174
Ion Ratio	Lower	Upper	
45	100		
77	19.7	0.0	34.6
79	16.5	0.0	31.2





#17

2-Methylphenol

Concen: 44.02 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.03 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

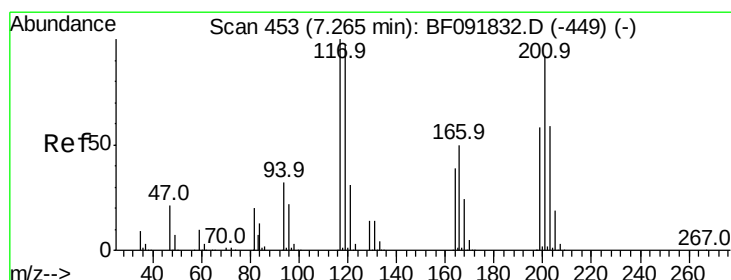
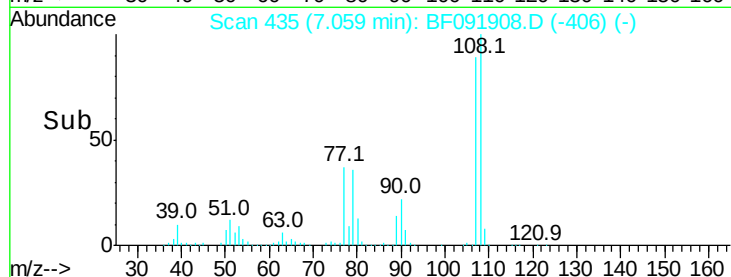
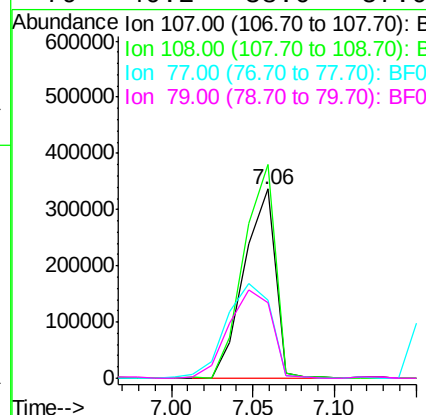
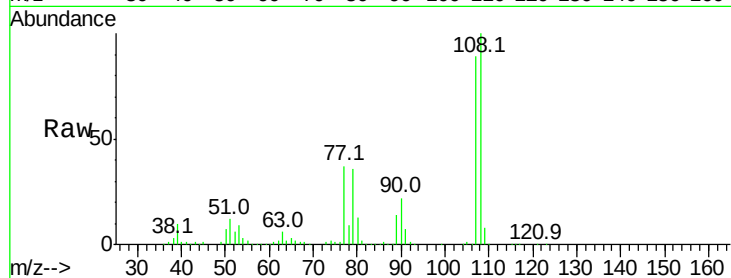
ClientSampleId :

WC-201612MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	93.0	139.6	
77	41.5	39.8	59.8	
79	40.2	38.0	57.0	

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#18

Hexachloroethane

Concen: 42.23 ng

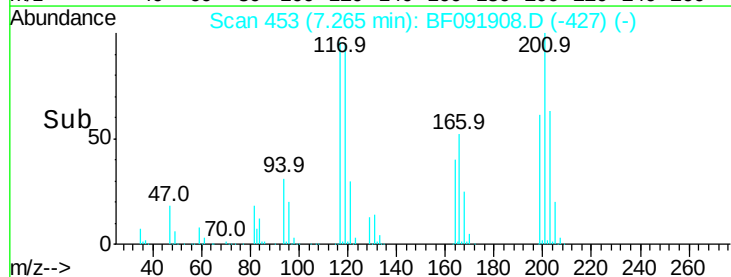
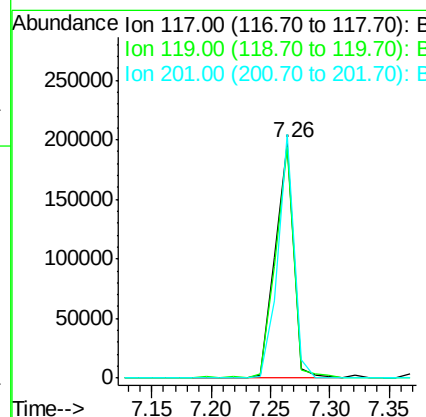
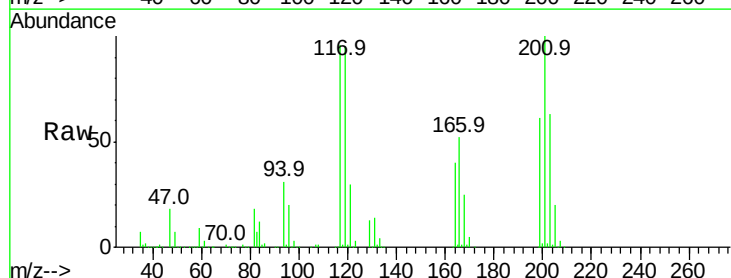
RT: 7.26 min Scan# 453

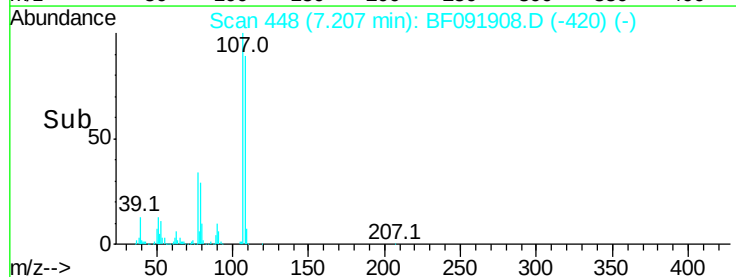
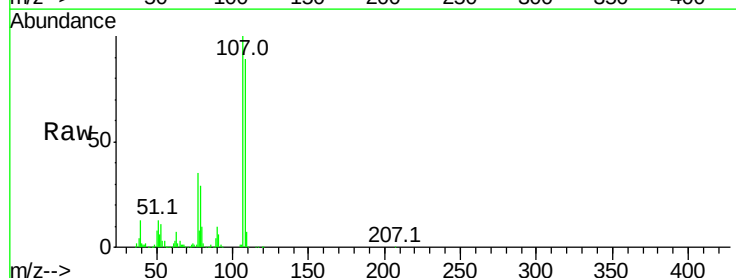
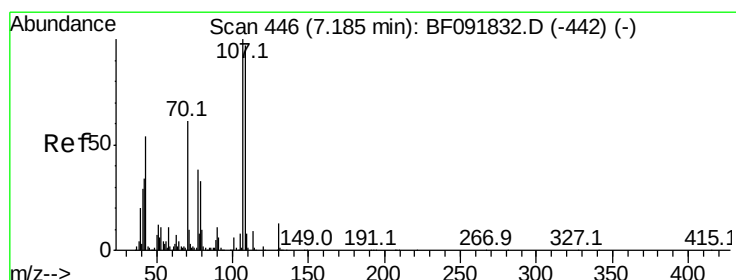
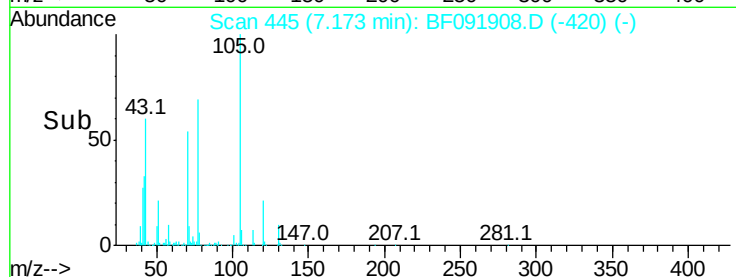
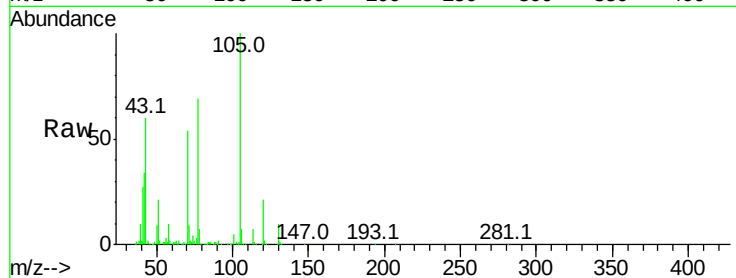
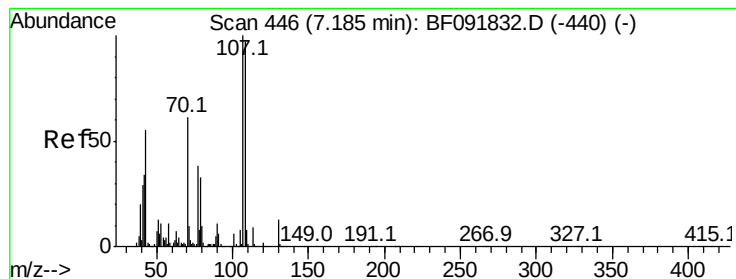
Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	78.1	117.1	
201	103.7	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 47.76 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion: 70 Resp: 431091

Ion Ratio Lower Upper

70 100

42 62.0 49.4 74.0

101 9.1 7.4 11.2

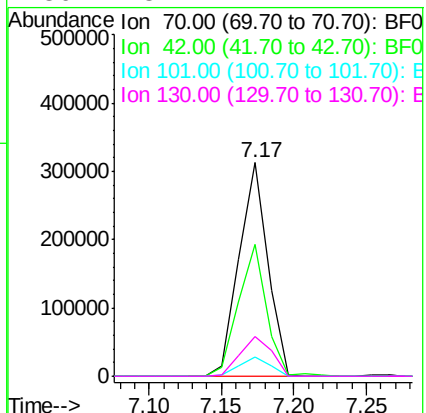
130 18.7 14.2 21.4

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#20

3+4-Methylphenols

Concen: 51.31 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion: 107 Resp: 622250

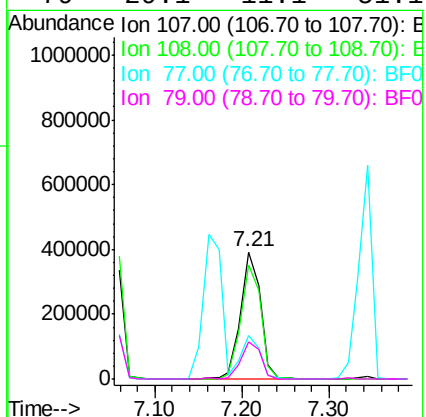
Ion Ratio Lower Upper

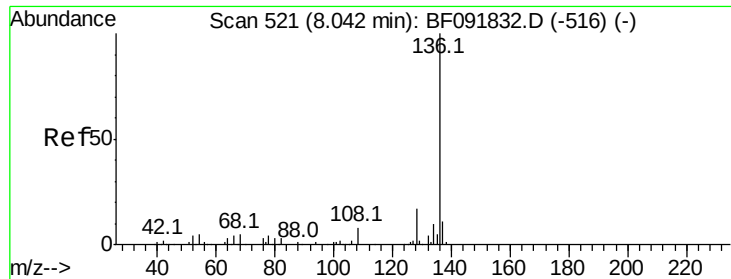
107 100

108 89.4 73.0 113.0

77 34.6 71.3 111.3#

79 29.1 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

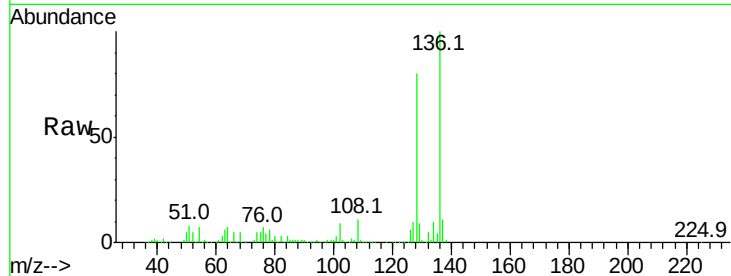
ClientSampleId :

WC-201612MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		759331		
137	10.7		8.4	12.6	
54	7.4		4.5	6.7#	
68	5.4		3.6	5.4	

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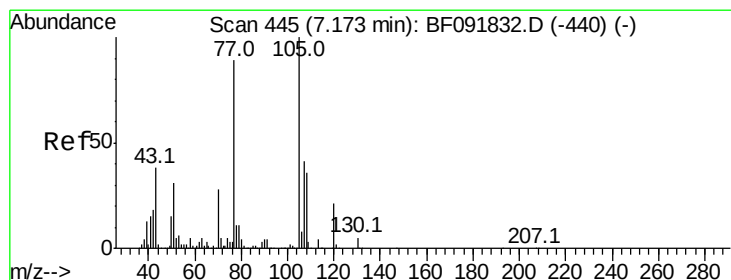
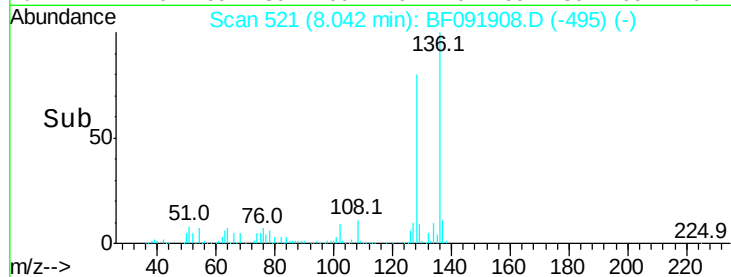
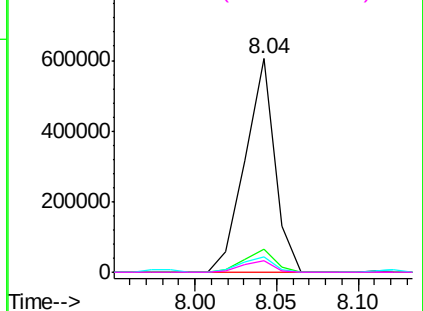


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.46 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

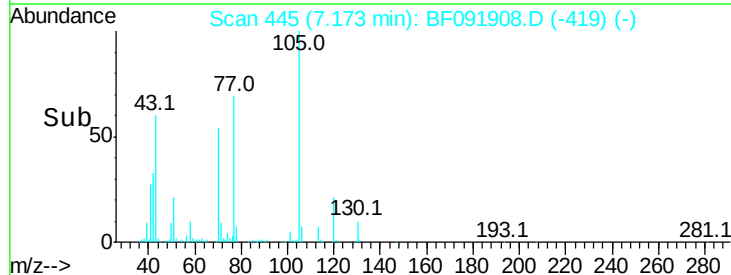
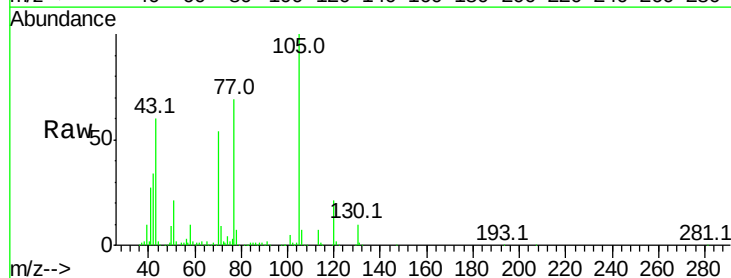
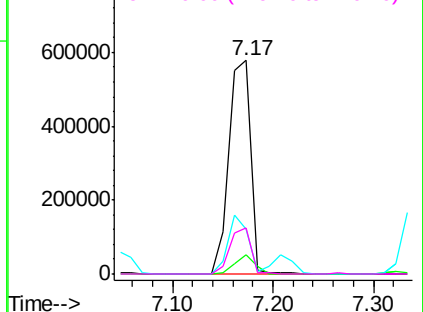
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		870086		
71	9.2		3.2	4.8#	
51	21.1		26.2	39.4#	
120	21.4		16.6	24.8	

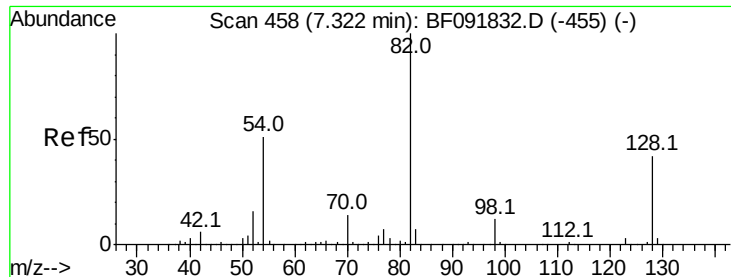
Abundance Ion 105.00 (104.70 to 105.70): E

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





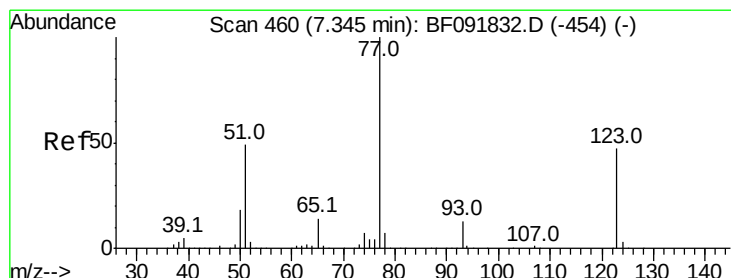
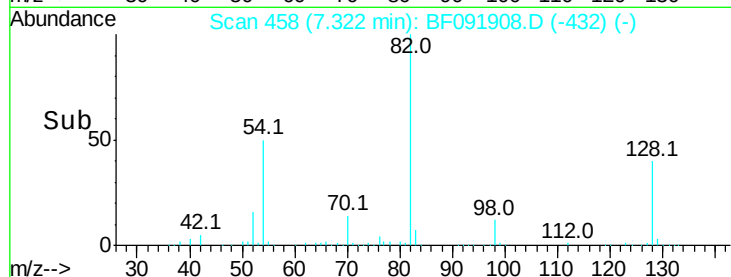
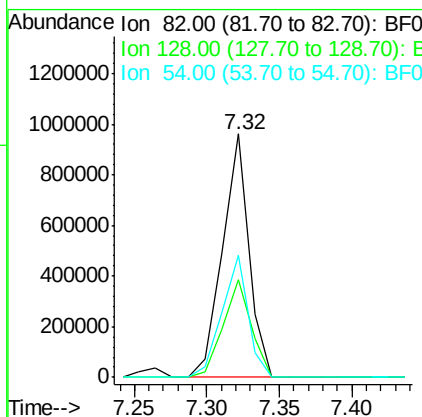
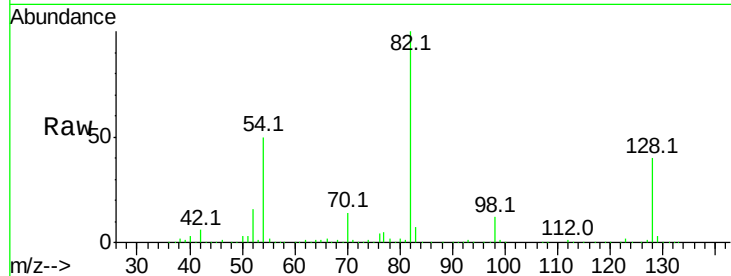
#23
Nitrobenzene-d5
Concen: 89.30 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	50.3	39.5	59.3

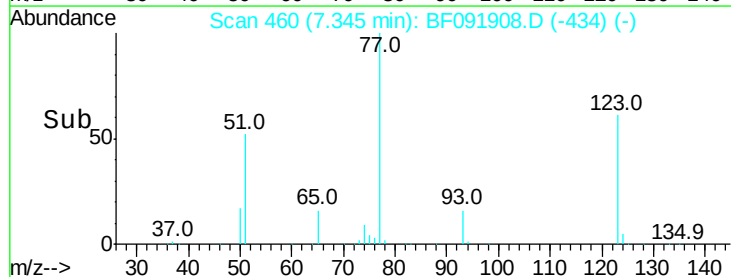
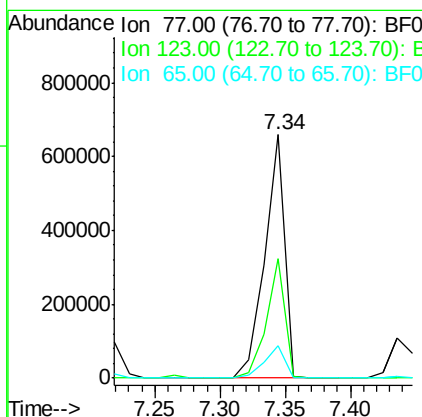
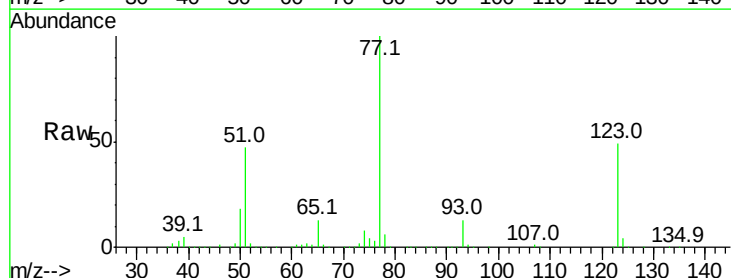
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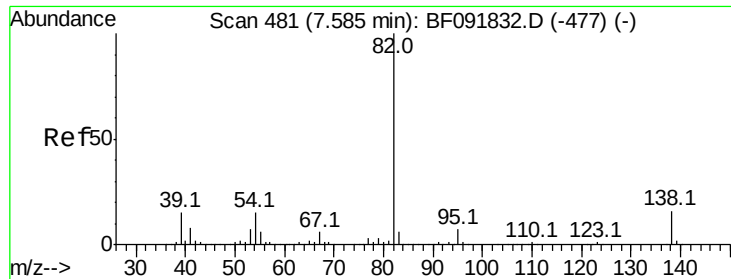
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12/23/2016 5:53:30 PM



#24
Nitrobenzene
Concen: 48.11 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	33.0	49.4
65	13.3	11.2	16.8





#25

Isophorone

Concen: 46.01 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion: 82 Resp: 1159132

Ion Ratio Lower Upper

82 100

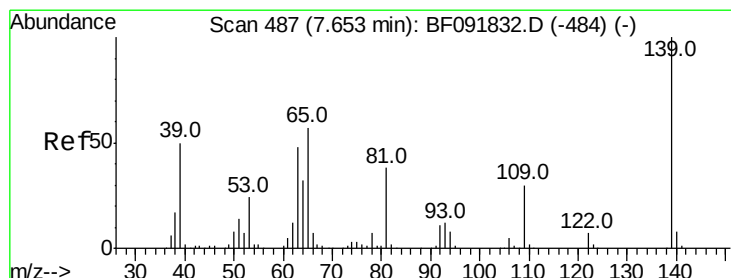
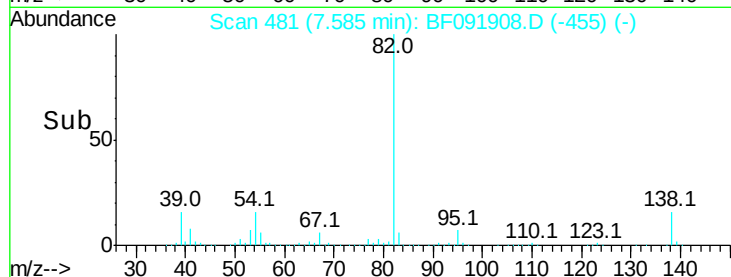
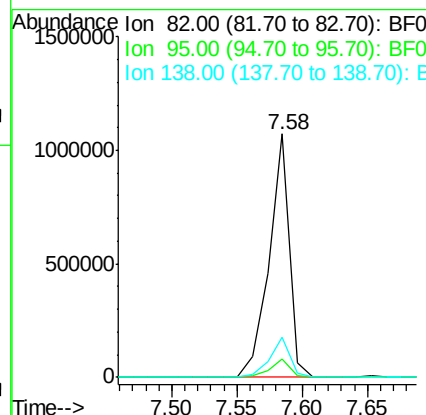
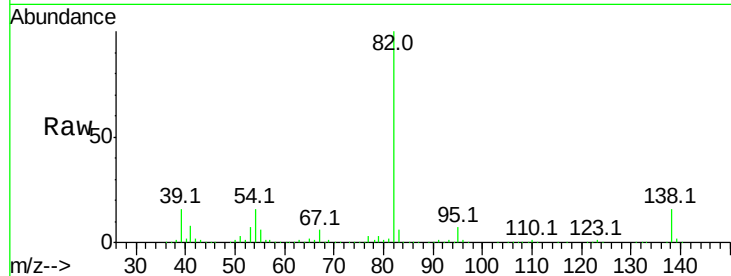
95 7.5 5.6 8.4

138 16.3 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.69 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

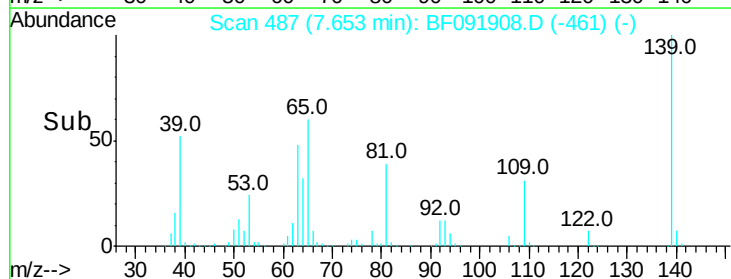
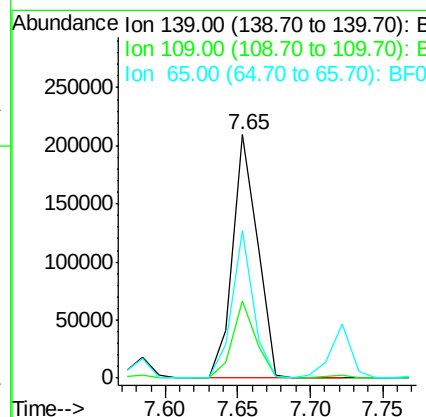
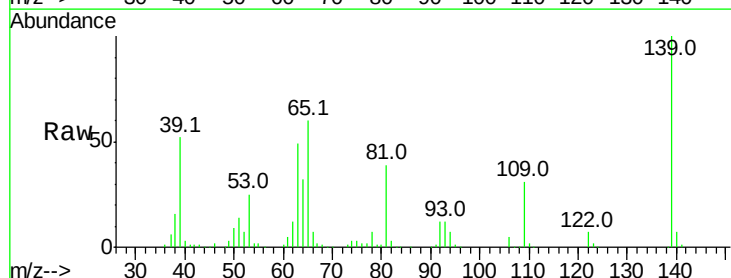
Tgt Ion:139 Resp: 248814

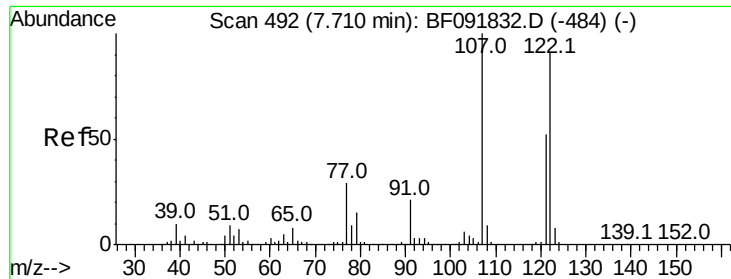
Ion Ratio Lower Upper

139 100

109 31.5 23.3 34.9

65 60.4 42.7 64.1





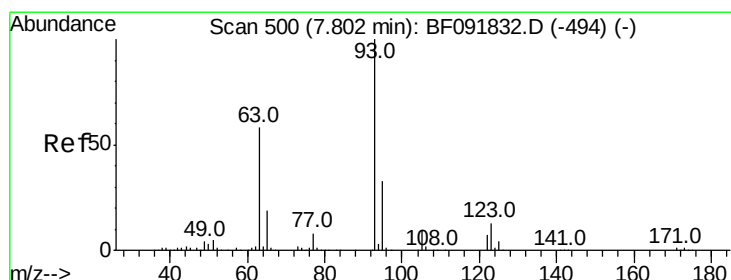
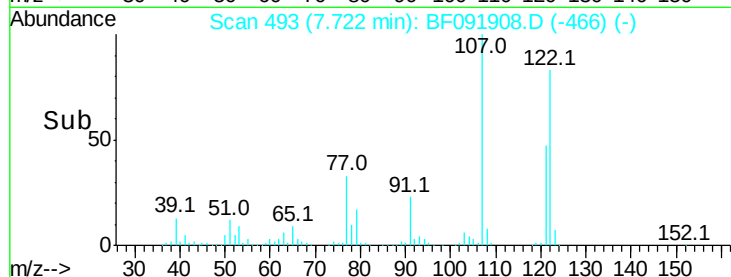
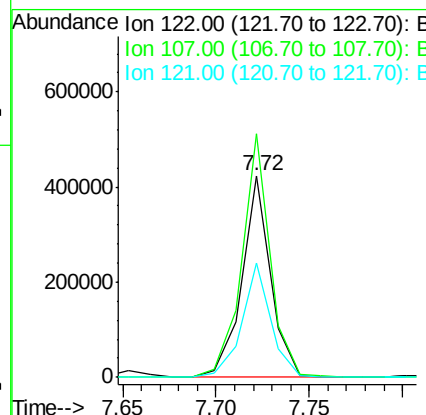
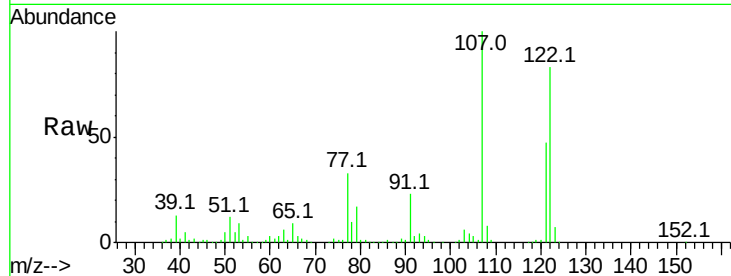
#27
2,4-Dimethylphenol
Concen: 38.39 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.01 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	456734		
107	120.6	94.1	141.1	
121	56.9	46.0	69.0	

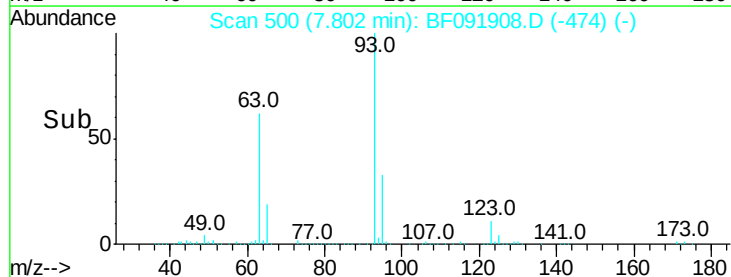
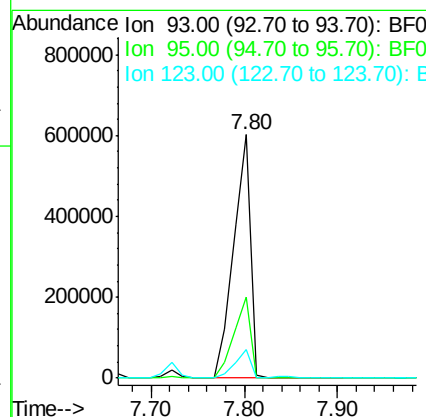
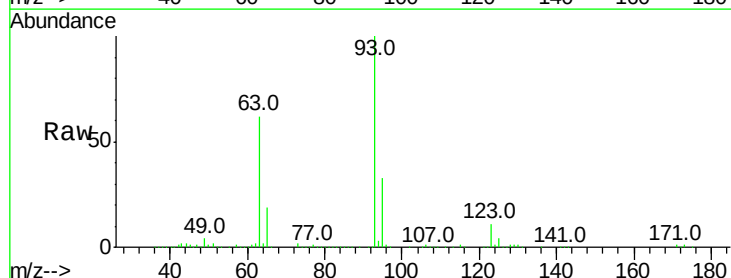
Manual Integrations
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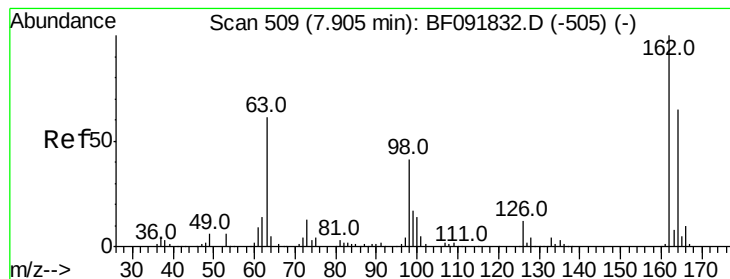
SOHIL
12/23/2016 5:53:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.18 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	766667		
95	33.1	26.5	39.7	
123	11.5	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 45.99 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

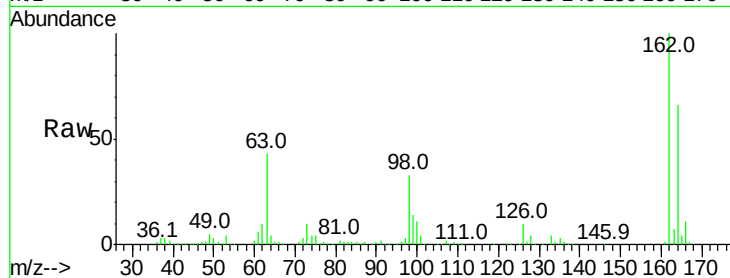
ClientSampleId :

WC-201612MS

Tot Ion:	162	Resp:	463303
Ion Ratio	Lower	Upper	
162	100		
164	66.2	46.8	86.8
98	33.2	9.1	49.1

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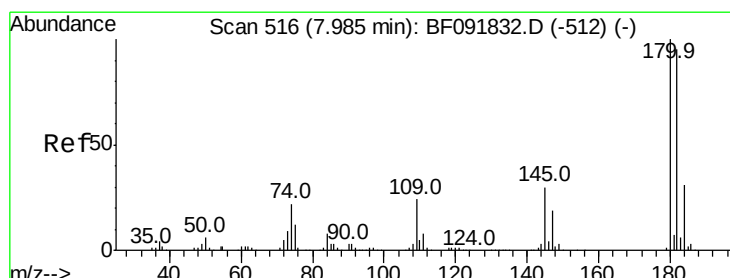
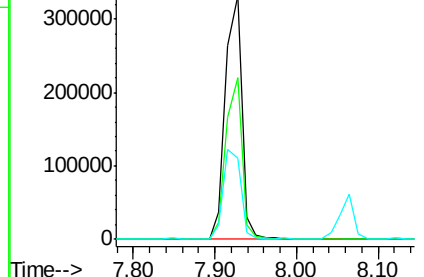
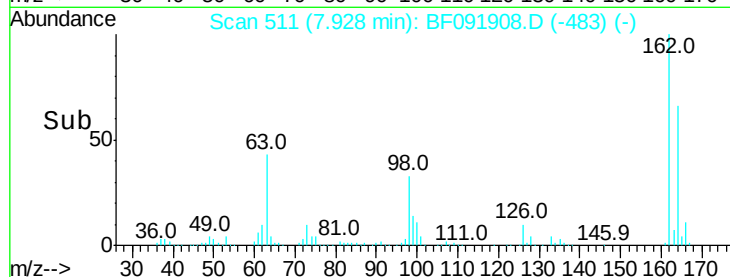
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 44.62 ng

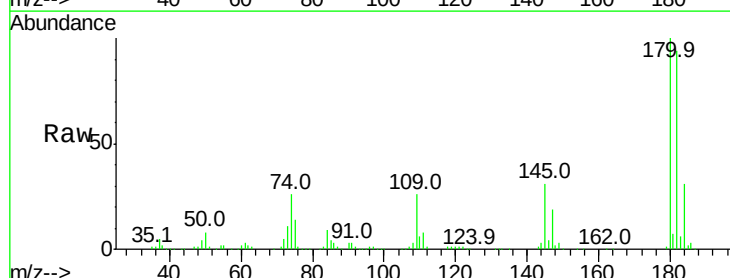
RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

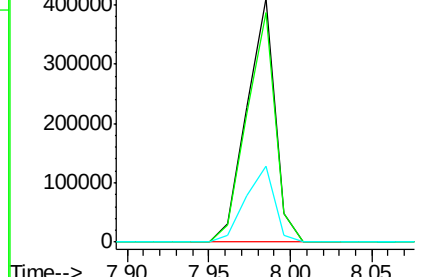
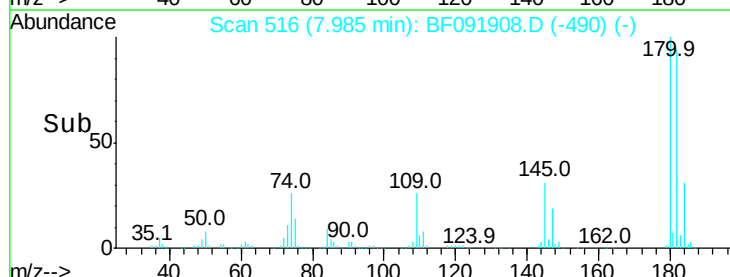
Tgt Ion:	180	Resp:	492568
Ion Ratio	Lower	Upper	
180	100		
182	94.4	78.2	117.4
145	31.0	21.6	32.4

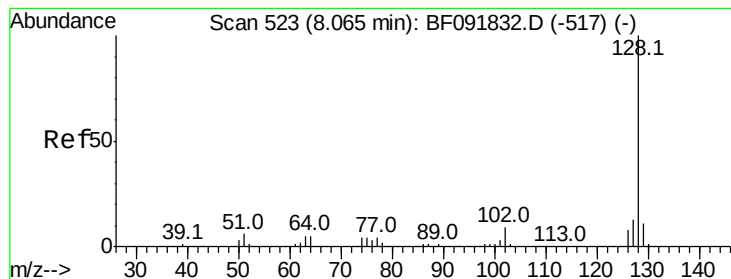


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 135.54 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:128 Resp: 4710347

Ion Ratio Lower Upper

128 100

129 12.5 9.5 14.3

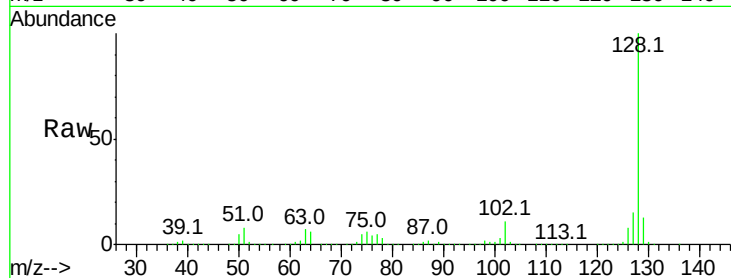
127 14.7 10.8 16.2

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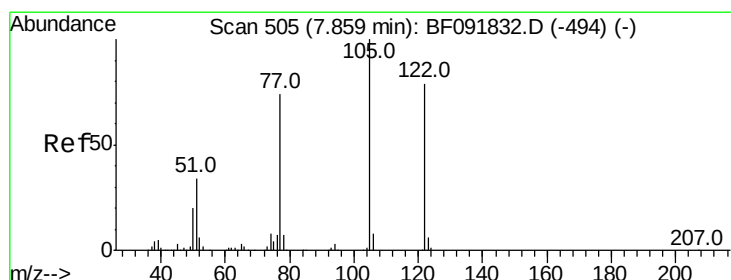
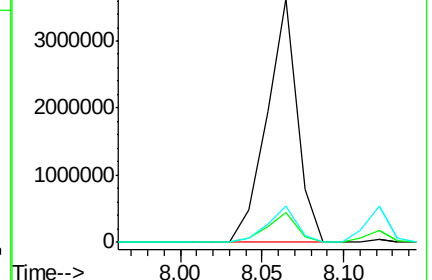
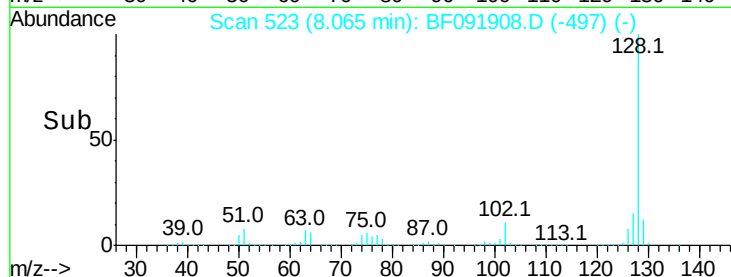
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.33 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

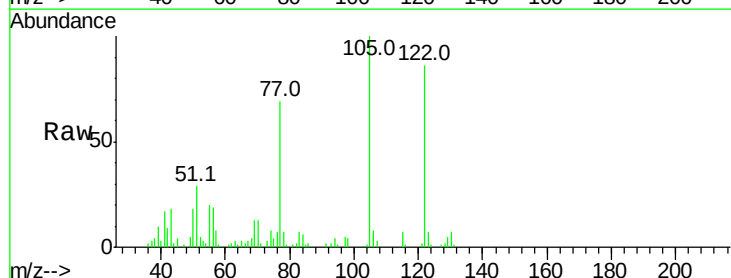
Tgt Ion:122 Resp: 73489

Ion Ratio Lower Upper

122 100

105 116.5 107.2 147.2

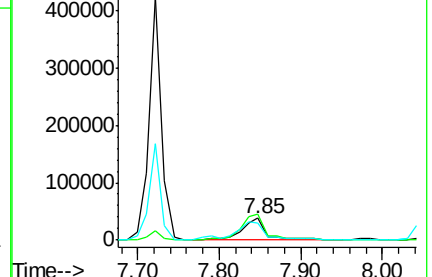
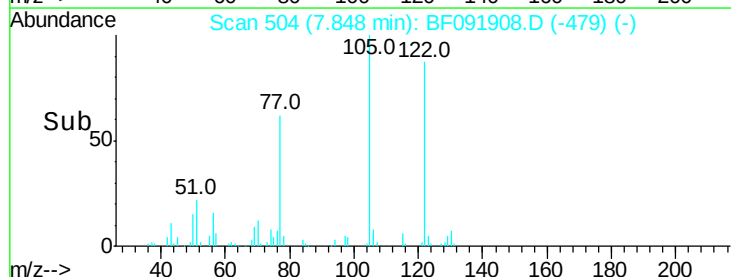
77 80.8 74.5 114.5

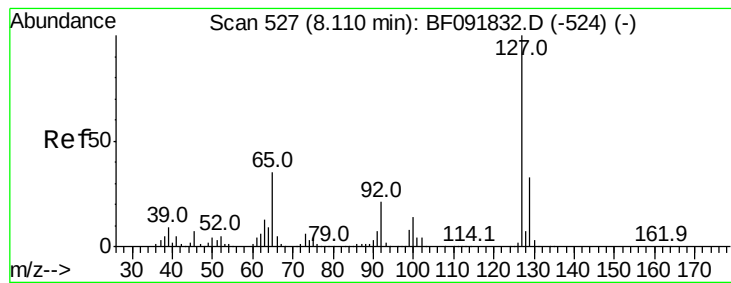


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.17 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

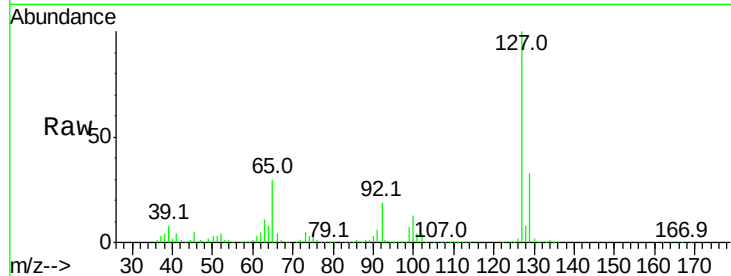
ClientSampleId :

WC-201612MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	30.0	25.8	38.8		
92	19.4	16.1	24.1		

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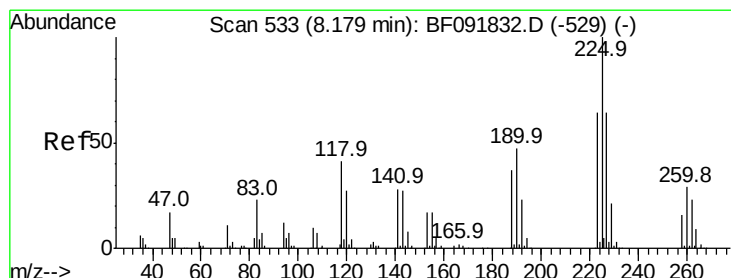
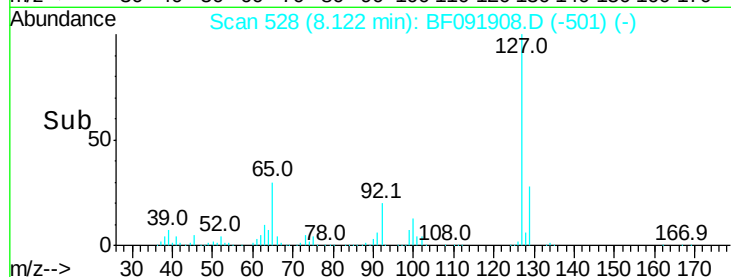
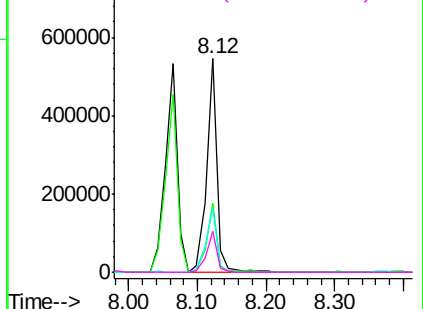
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 48.20 ng

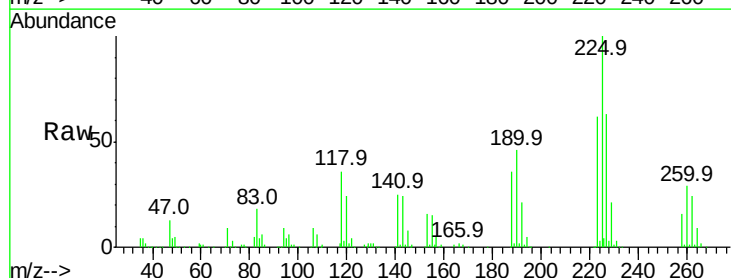
RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.0	76.6		
227	62.6	50.6	76.0		

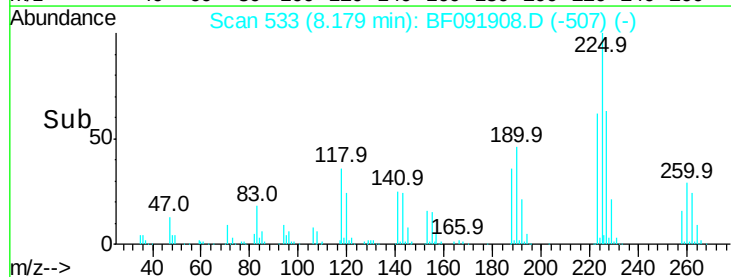
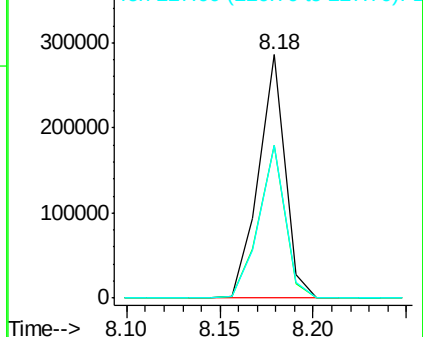


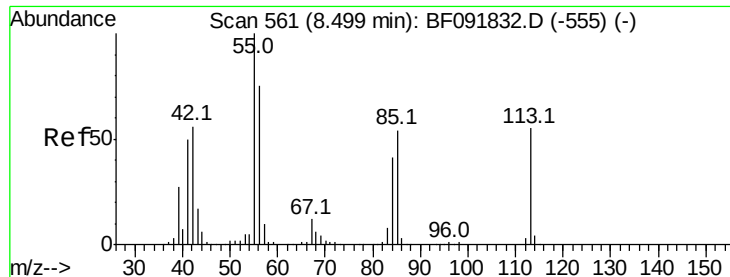
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





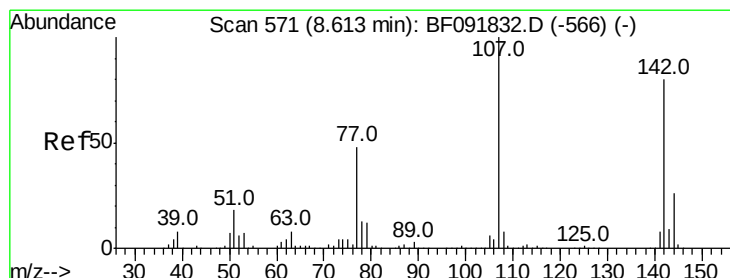
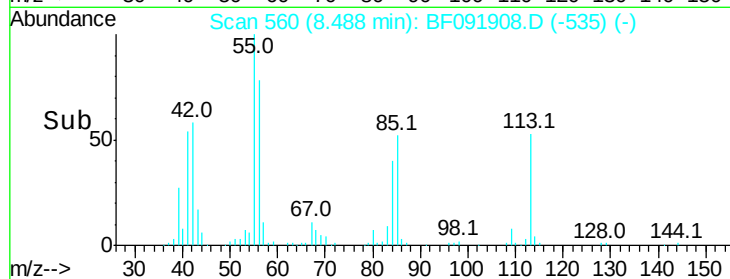
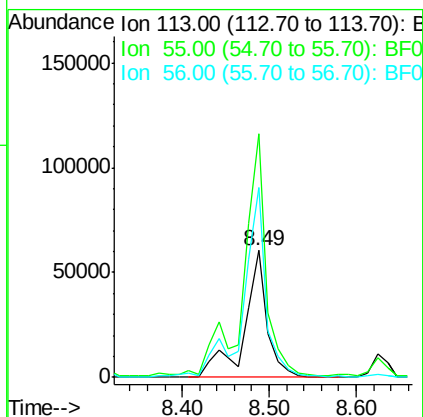
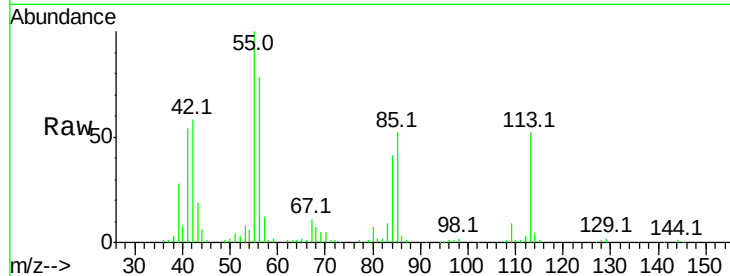
#35
 Caprolactam
 Concen: 33.60 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.3	119.2	159.2#
56	149.5	83.8	123.8#

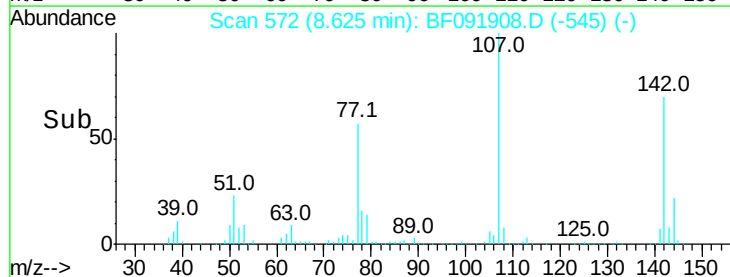
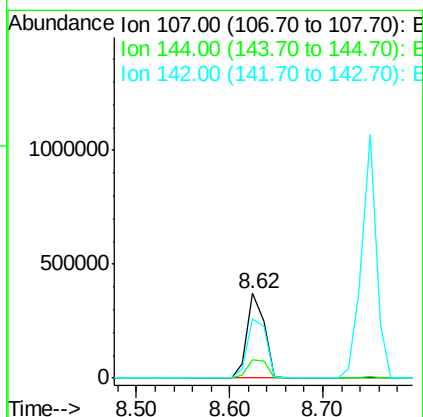
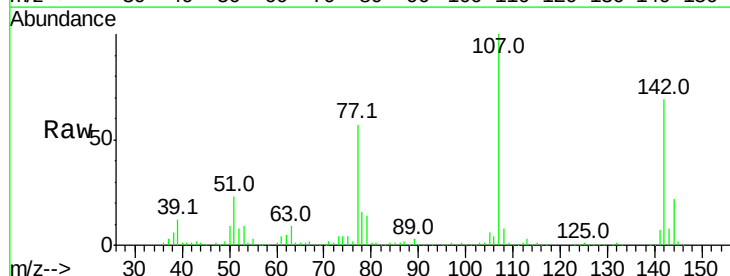
Manual Integrations
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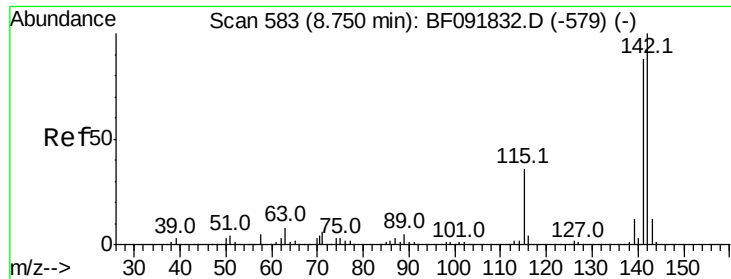
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 12/23/2016 5:53:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.62 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	19.3	28.9
142	69.5	59.0	88.6





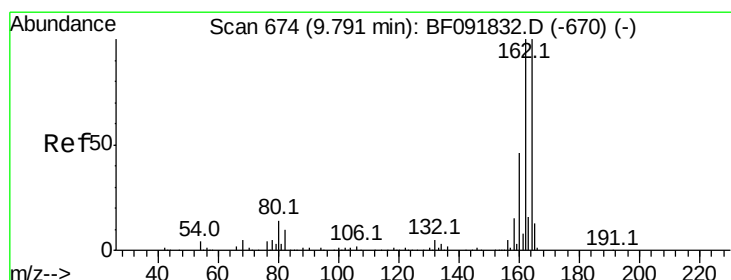
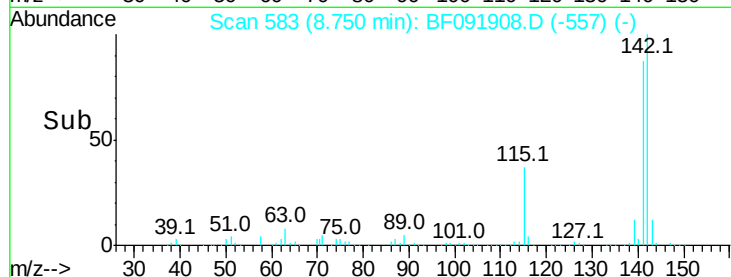
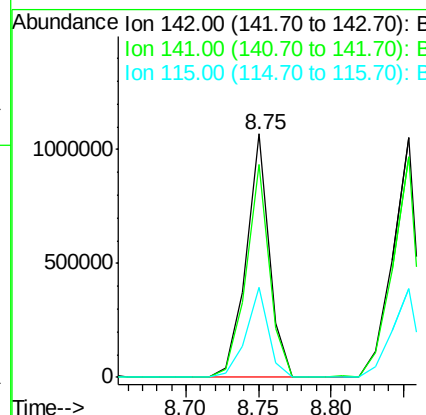
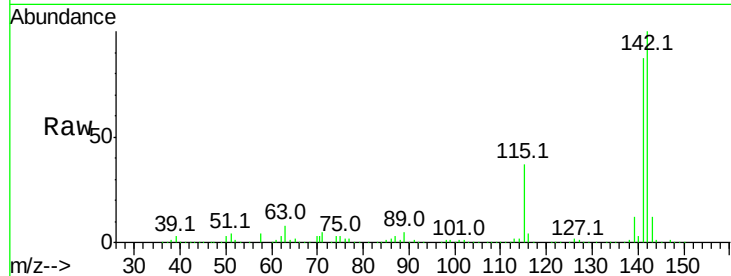
#37
2-Methylnaphthalene
Concen: 69.49 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion:142 Resp: 1178807
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 37.1 28.3 42.5

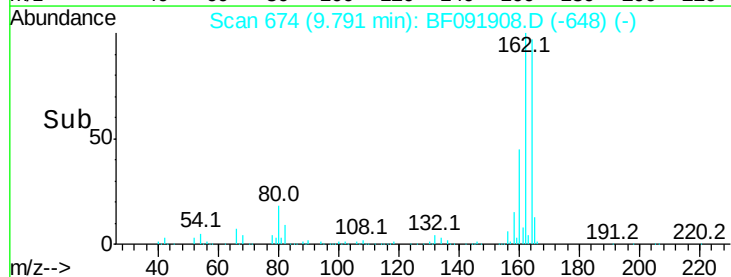
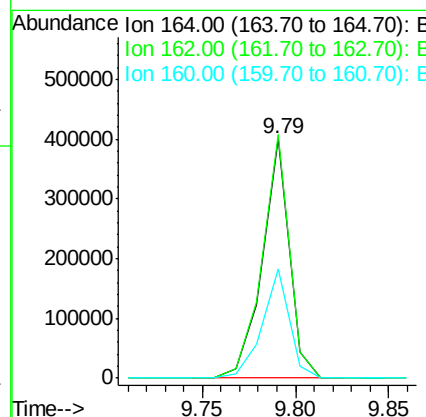
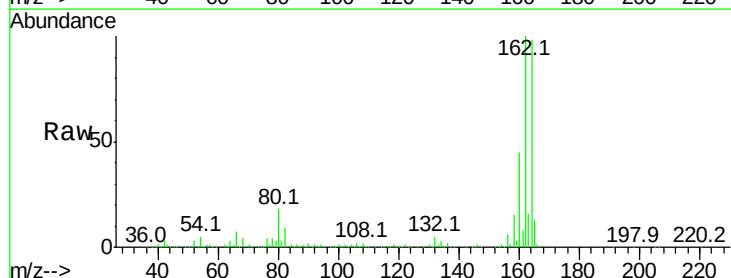
Manual Integrations
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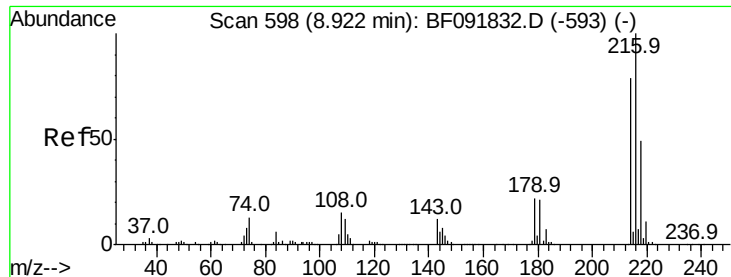
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12/23/2016 5:53:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion:164 Resp: 399590
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 45.5 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.47 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF091908.D

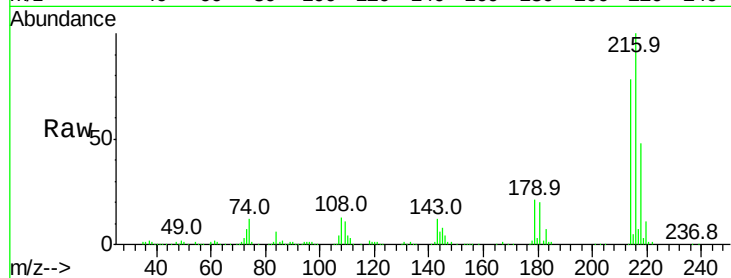
Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS



Tot Ion:216 Resp: 489379

Ion Ratio Lower Upper

216 100

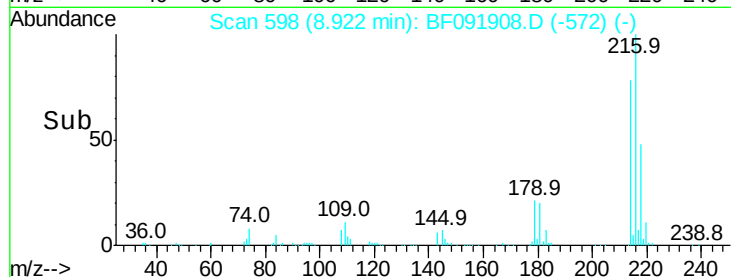
214 78.7 63.4 95.0

179 22.4 17.4 26.2

108 19.8 15.6 23.4

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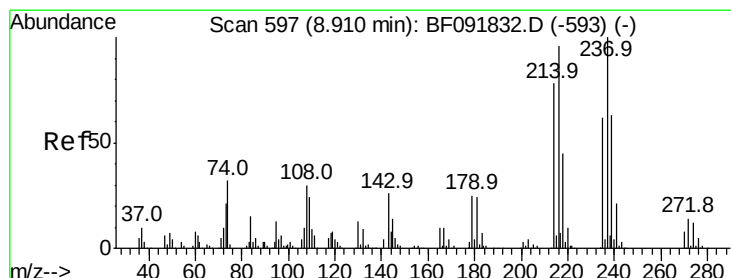
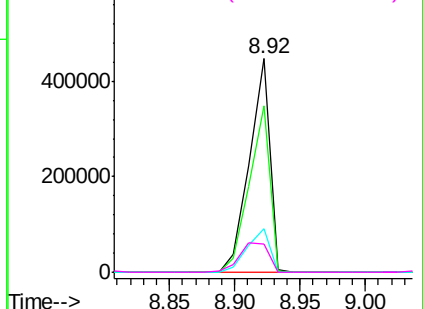


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.99 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

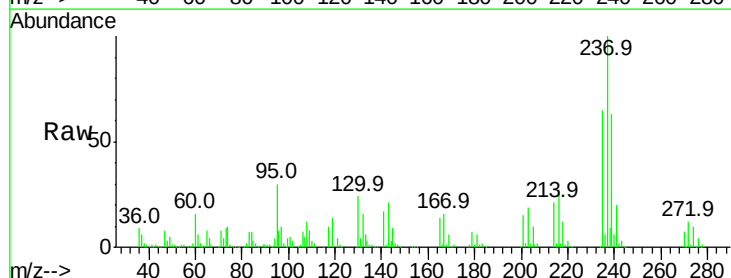
Tgt Ion:237 Resp: 179870

Ion Ratio Lower Upper

237 100

235 64.6 41.2 81.2

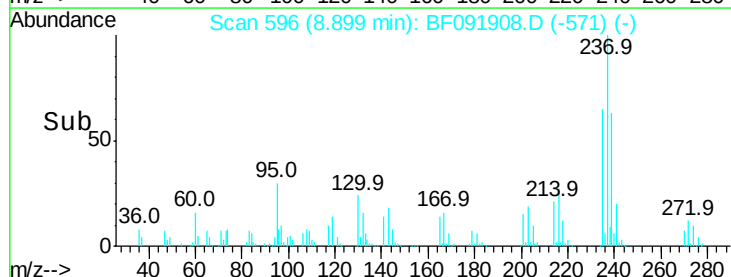
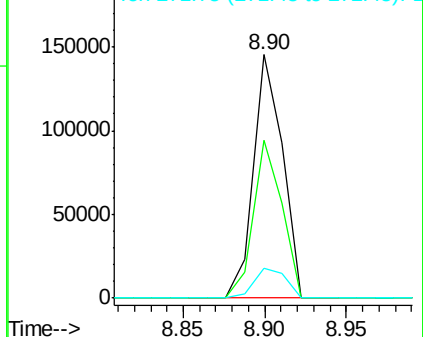
272 12.3 0.0 35.4

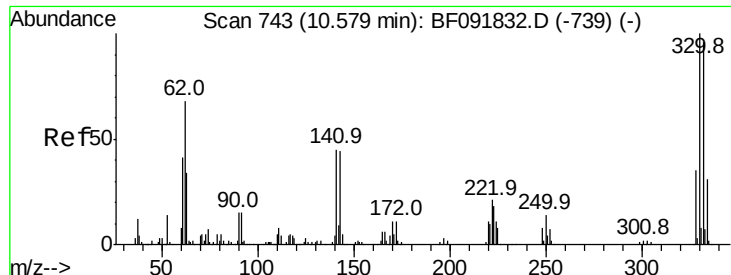


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





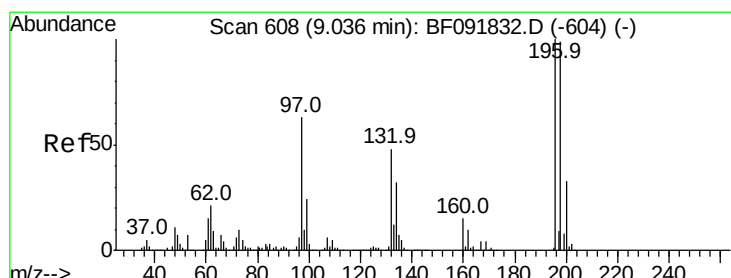
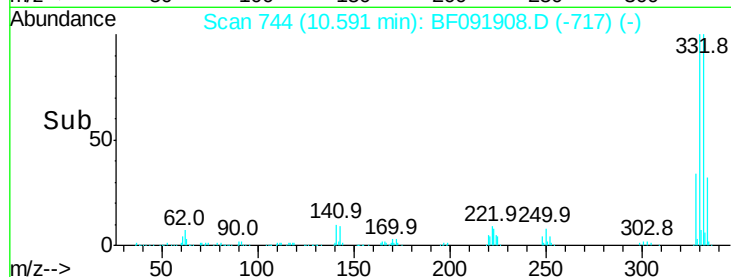
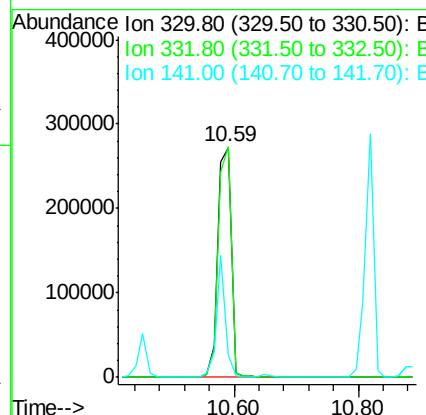
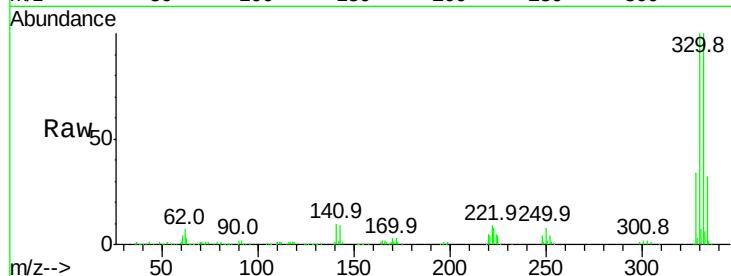
#41
 2,4,6-Tribromophenol
 Concen: 120.86 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	399670		
332	97.3		77.4	116.2
141	35.5		34.1	51.1

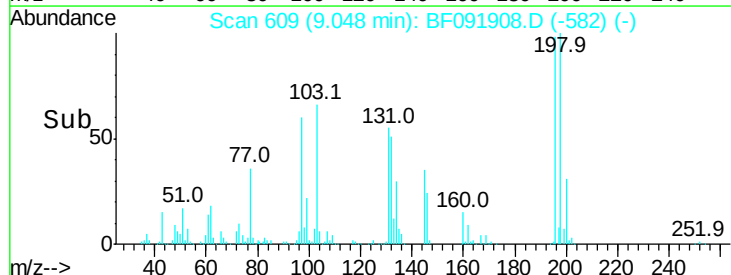
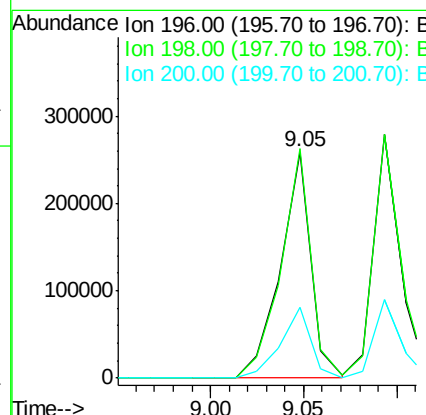
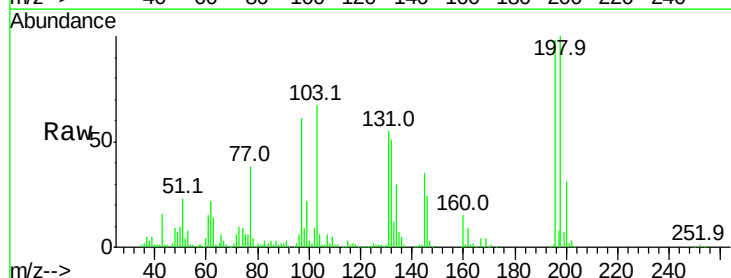
Manual Integrations
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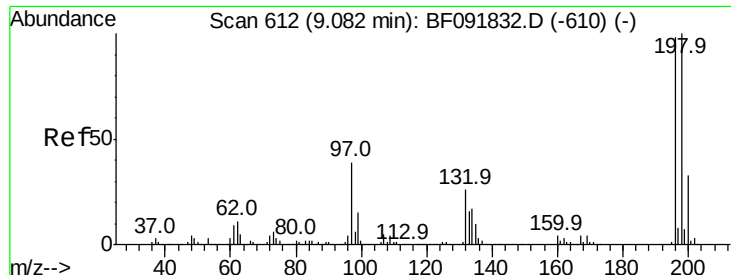
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 12/23/2016 5:53:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.63 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293908		
198	101.7		82.1	123.1
200	31.4		27.0	40.4





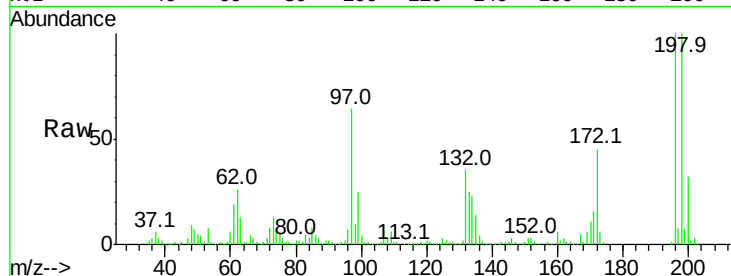
#43
 2,4,5-Trichlorophenol
 Concen: 37.76 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion:	196	Resp:	274364
Ion Ratio	Lower	Upper	
196	100		
198	100.0	79.4	119.2
97	64.0	51.5	77.3
132	34.7	27.4	41.2

Manual Integrations
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SOHIL
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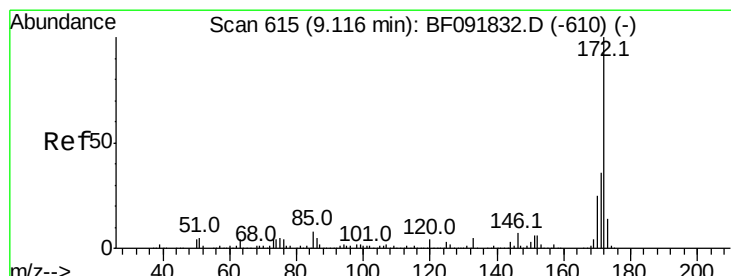
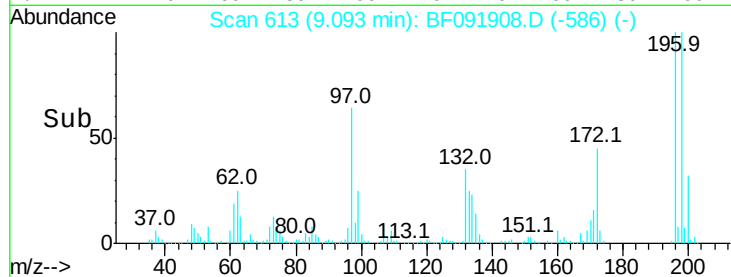
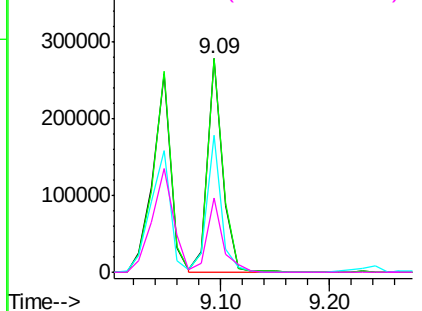
Abundance

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: 104.51 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

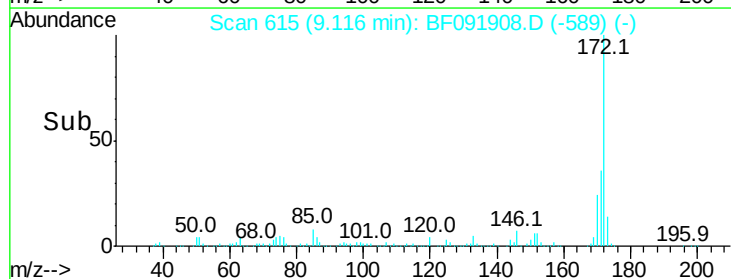
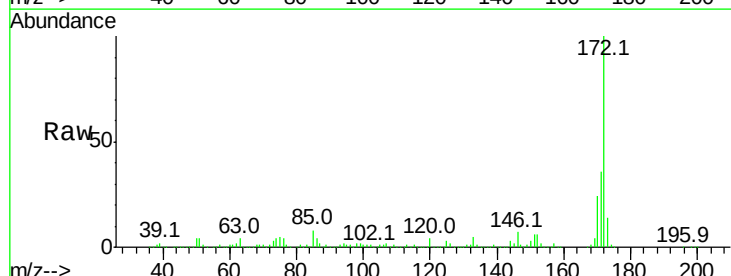
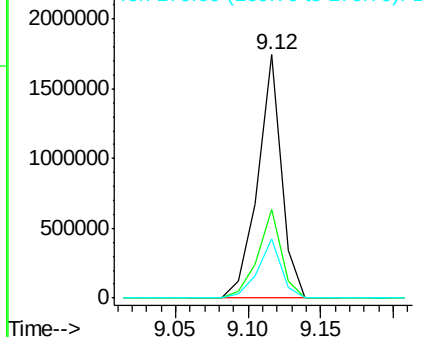
Tgt Ion:	172	Resp:	1980444
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4

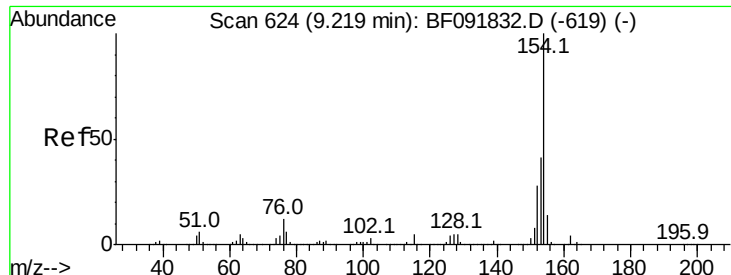
Abundance

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





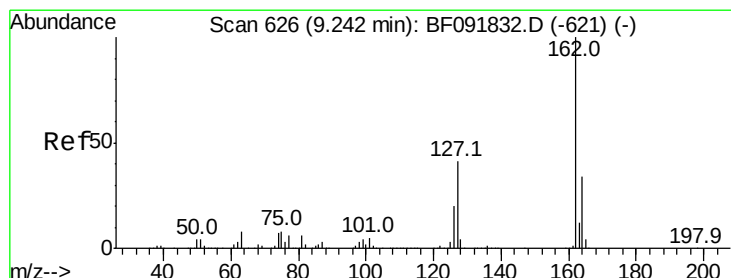
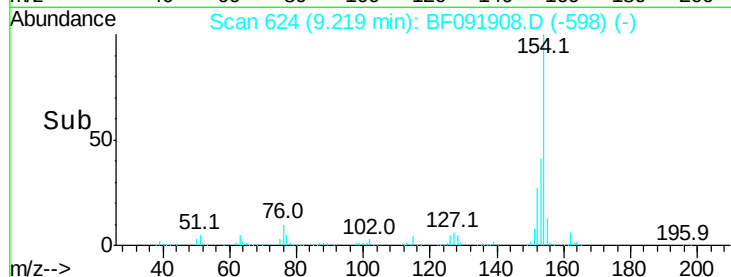
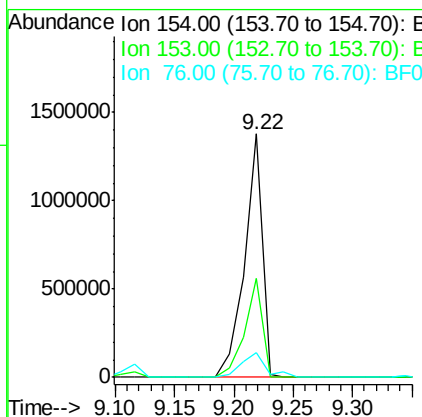
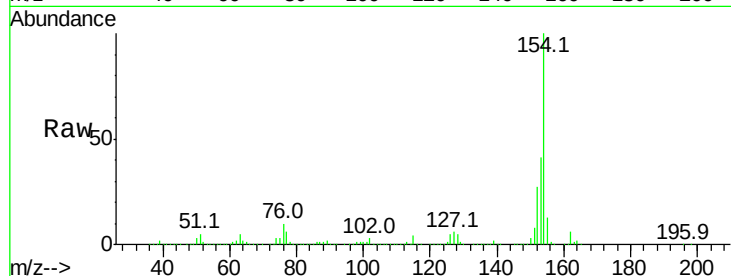
#45
 1,1'-Biphenyl
 Concen: 52.68 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.9	60.9
76	10.2	0.0	30.5

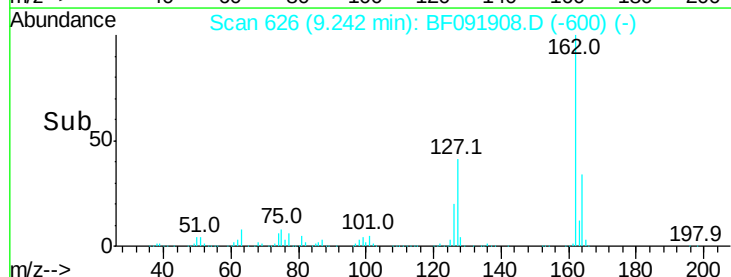
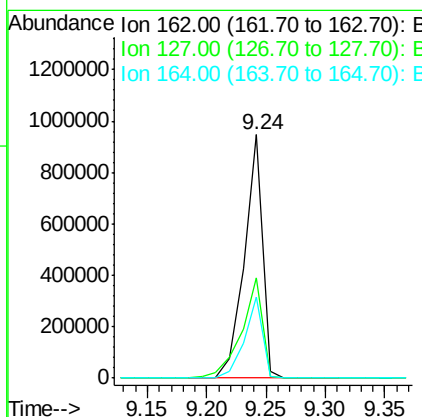
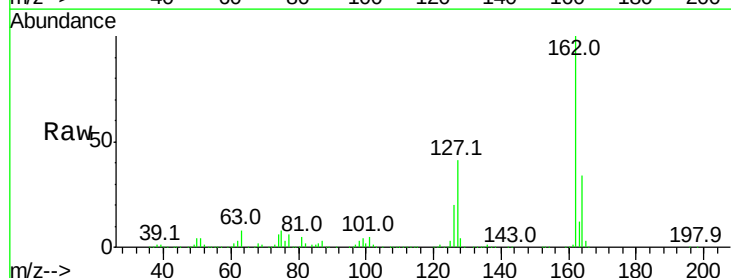
Manual Integrations
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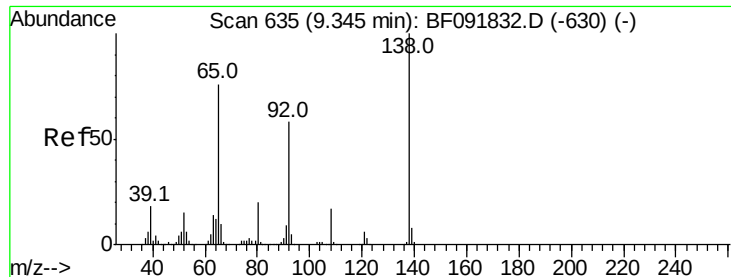
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 12/23/2016 5:53:30 PM



#46
 2-Chloronaphthalene
 Concen: 46.71 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	30.7	46.1
164	33.5	27.6	41.4





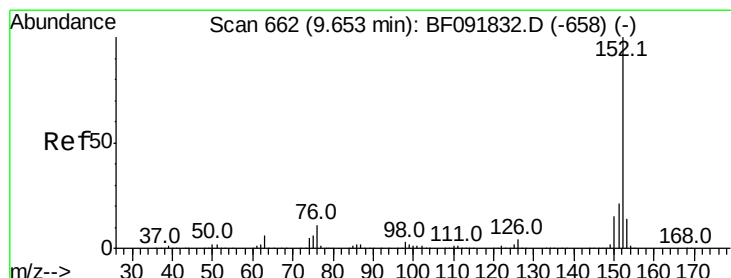
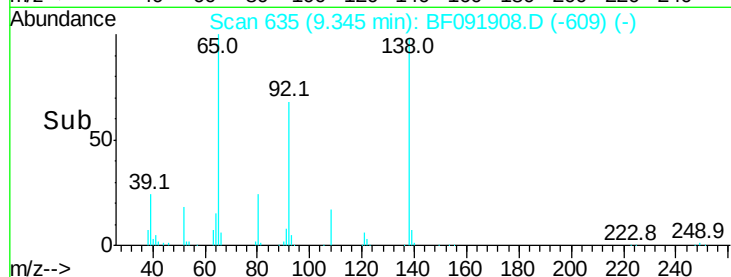
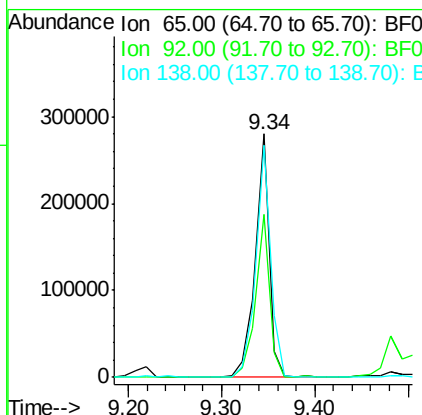
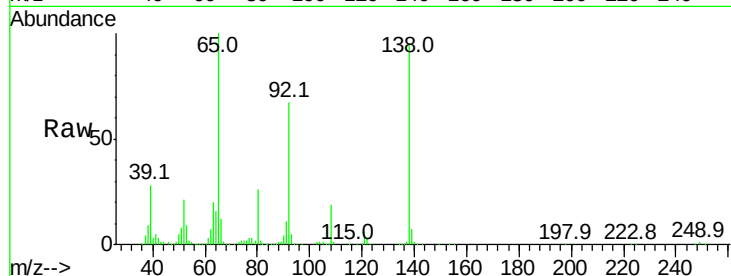
#47
2-Nitroaniline
Concen: 38.02 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.9	80.9
138	95.4	76.8	115.2

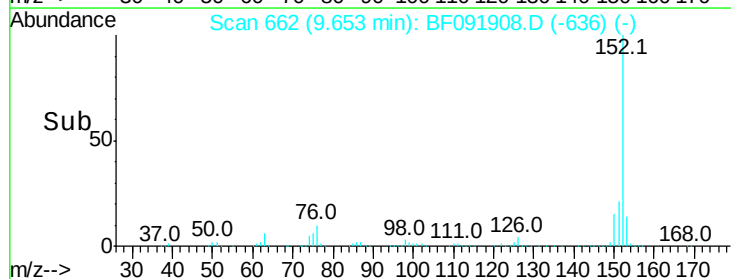
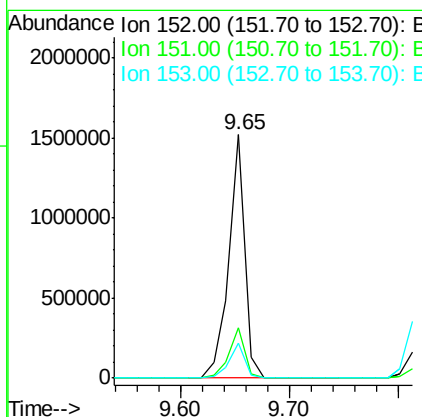
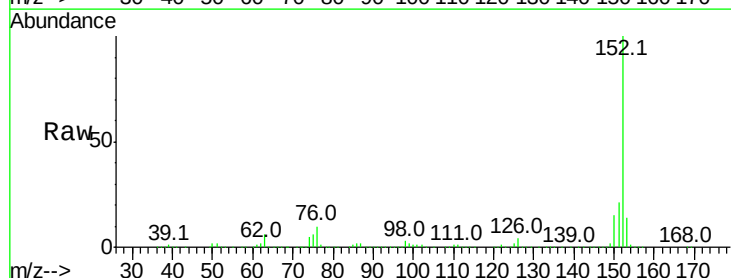
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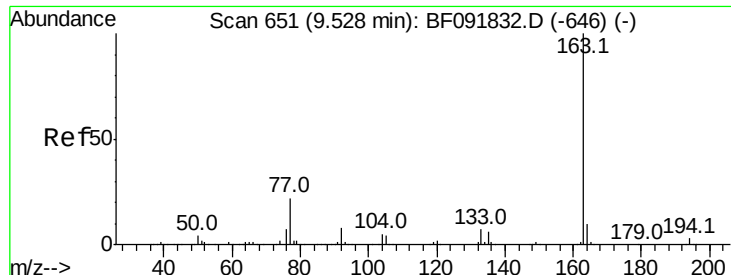
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12/23/2016 5:53:30 PM



#48
Acenaphthylene
Concen: 46.18 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	14.3	11.4	17.2





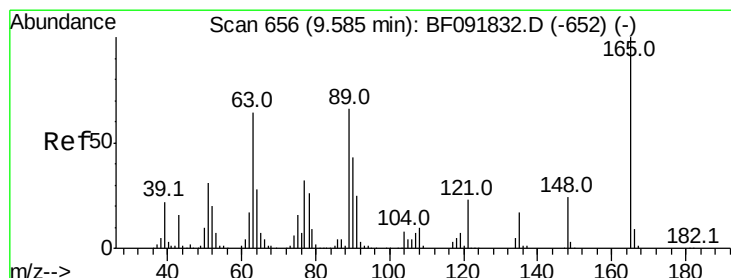
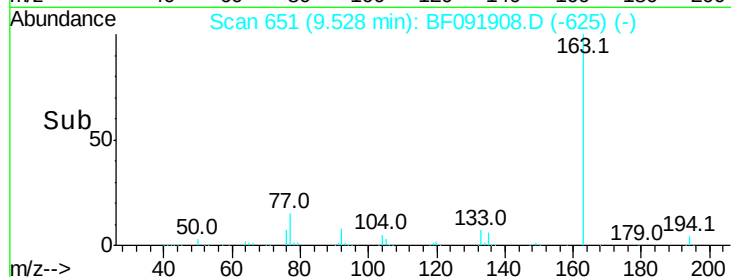
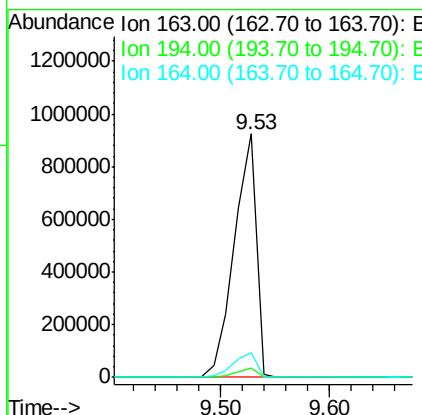
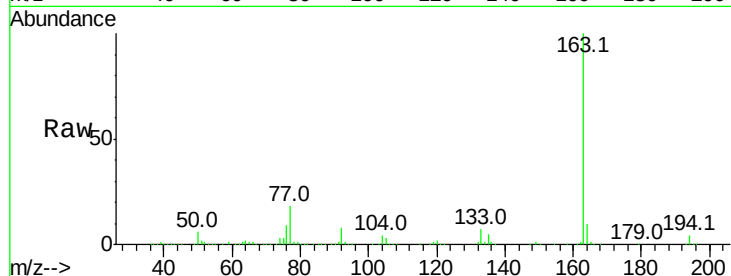
#49
Dimethylphthalate
Concen: 50.18 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion:163 Resp: 1282567
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.2 8.0 12.0

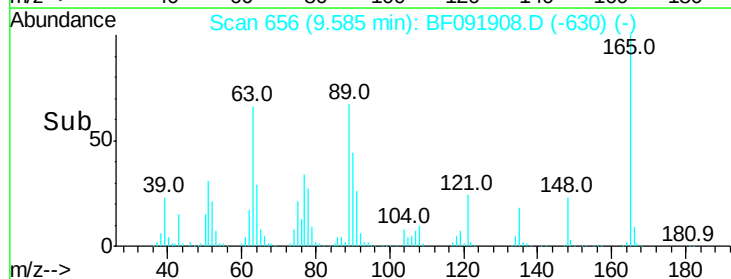
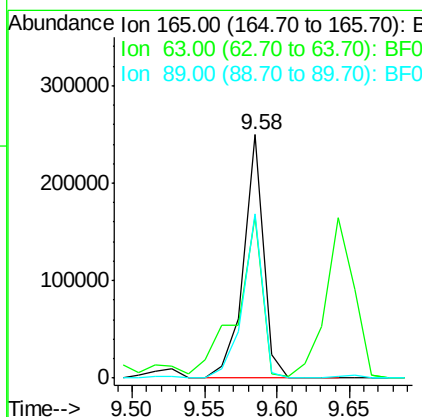
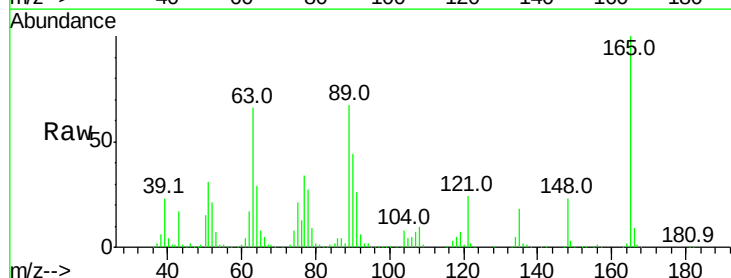
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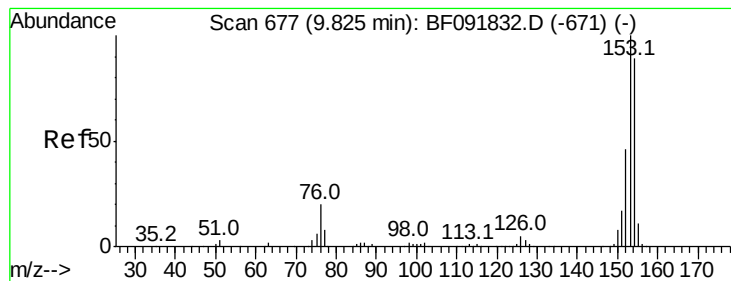
SOHIL
12/23/2016 5:53:30 PM



#50
2,6-Dinitrotoluene
Concen: 42.85 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion:165 Resp: 239686
Ion Ratio Lower Upper
165 100
63 66.4 36.2 54.4#
89 67.3 40.2 60.4#





#51

Acenaphthene

Concen: 44.38 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:154 Resp: 1002673

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

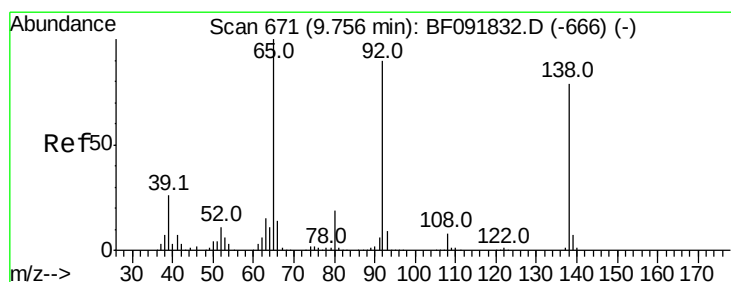
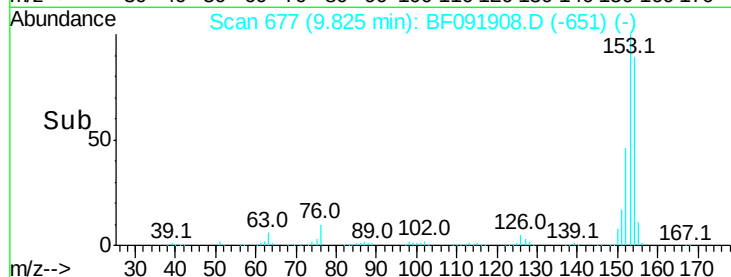
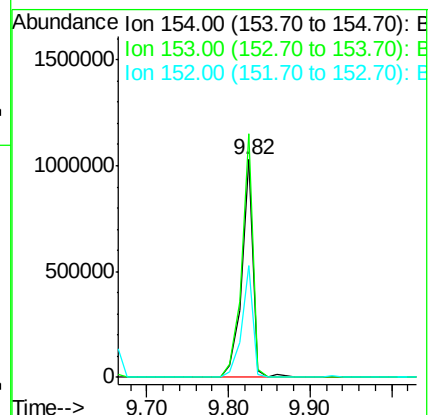
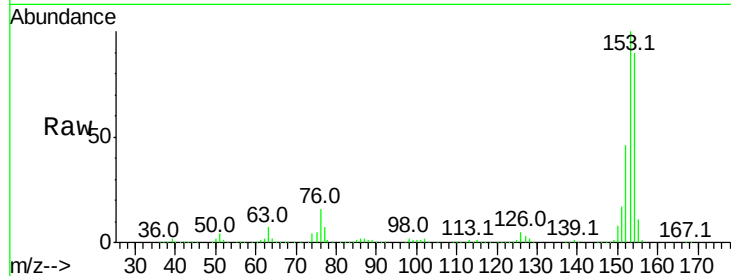
152 51.4 41.6 62.4

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12/23/2016 5:53:30 PM



#52

3-Nitroaniline

Concen: 34.94 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

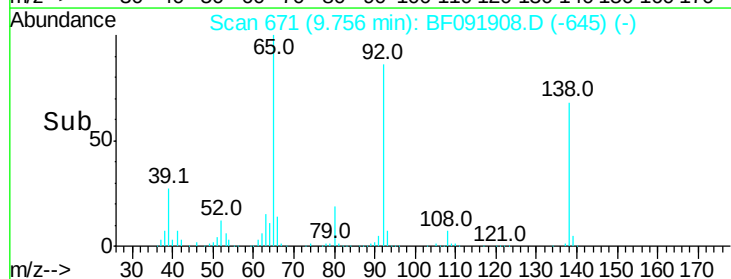
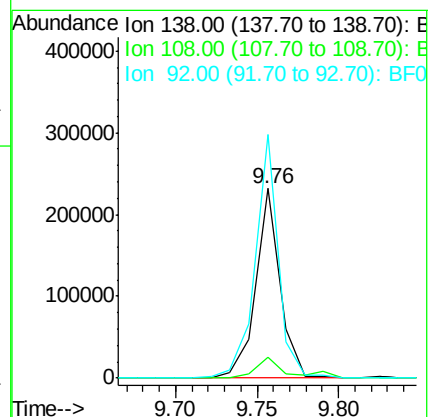
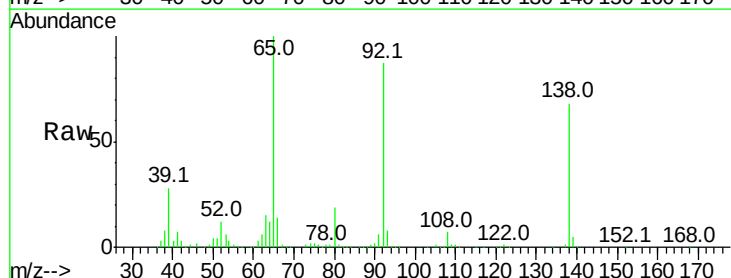
Tgt Ion:138 Resp: 241903

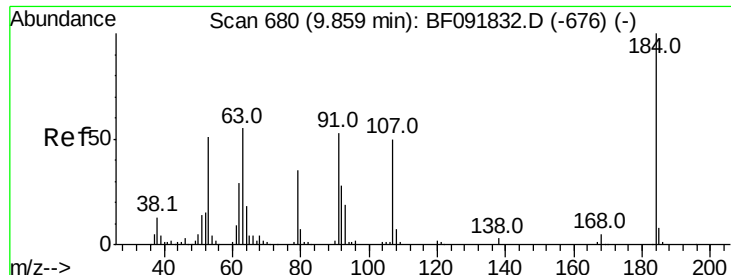
Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

92 128.4 97.8 146.8





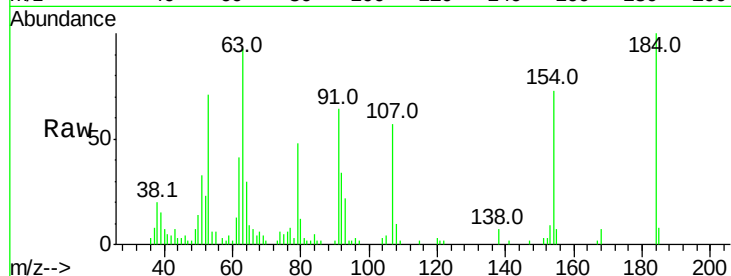
#53
2,4-Dinitrophenol
Concen: 8.74 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

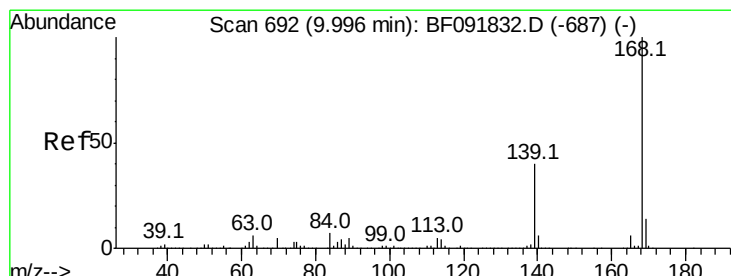
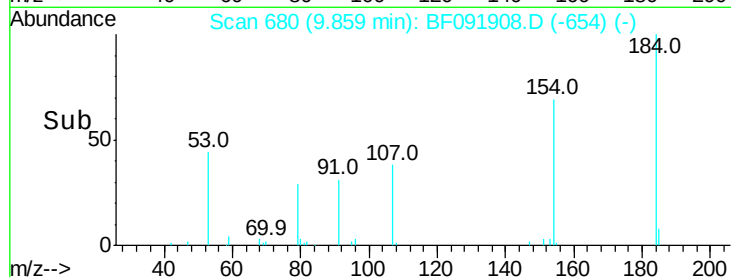
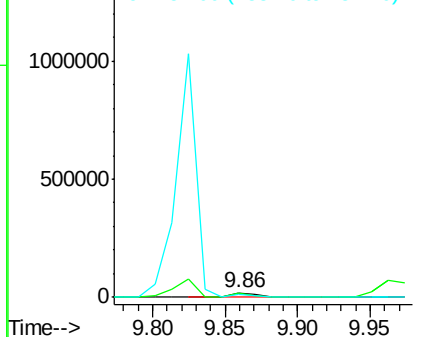
Tot Ion	Ratio	Resp	Lower	Upper
184	100	27192		
63	93.3	28.4	42.6#	
154	72.9	44.3	66.5#	

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12/23/2016 5:53:30 PM



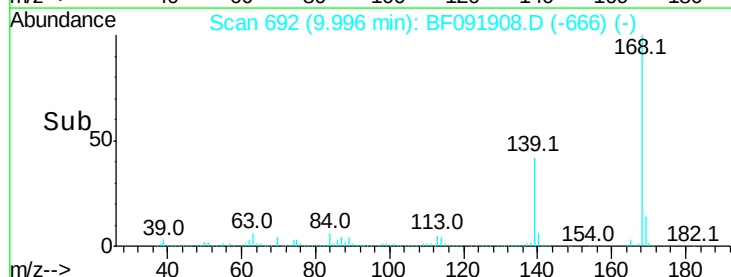
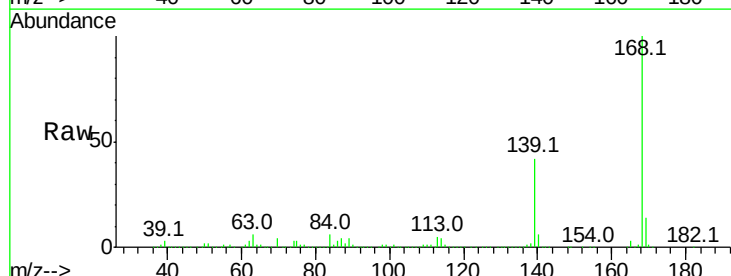
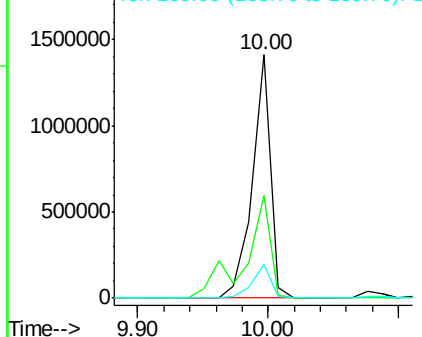
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

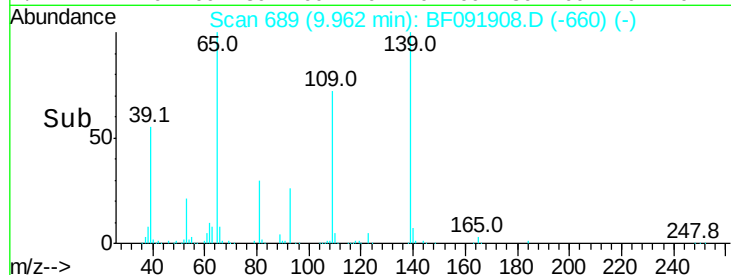
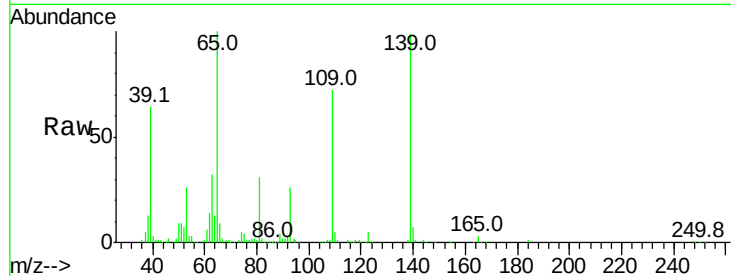
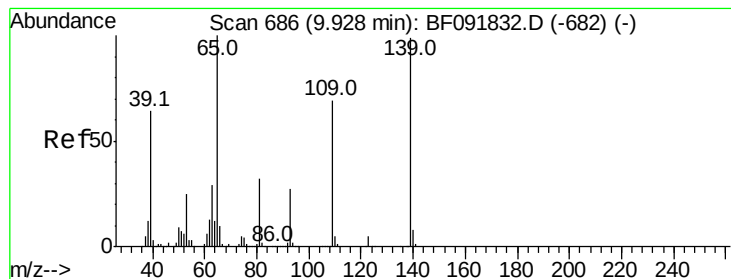


#54
Dibenzofuran
Concen: 44.78 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1366123		
139	42.1	32.6	49.0	
169	13.8	11.3	16.9	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 52.51 ng/mL

RT: 9.96 min Scan# 689

Delta R.T. 0.03 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tot Ion:	139	Resp:	246794
Ion Ratio	Lower	Upper	
139	100		
109	72.4	52.2	92.2
65	100.7	85.8	125.8

Instrument :

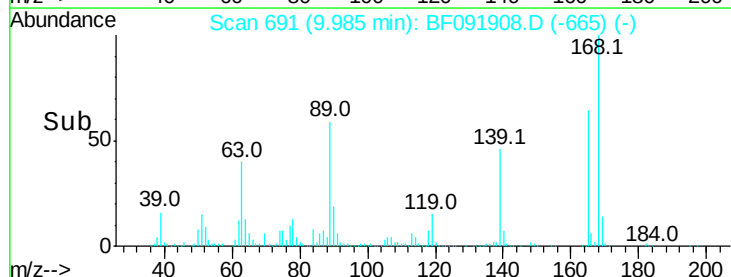
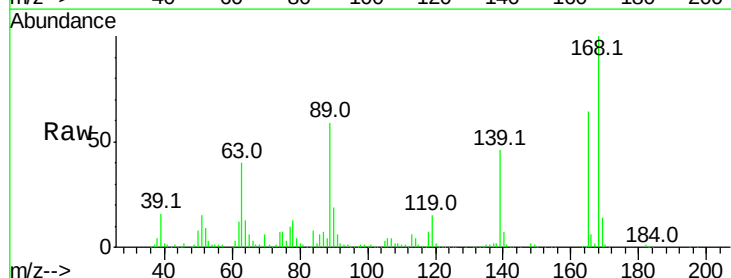
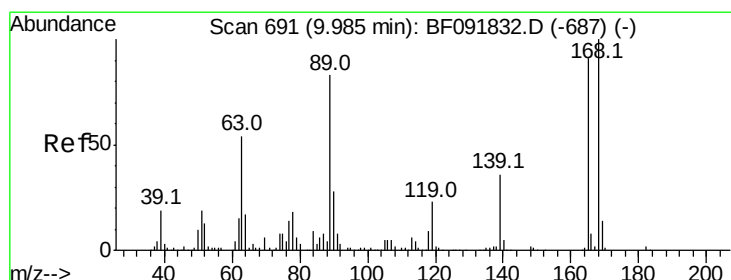
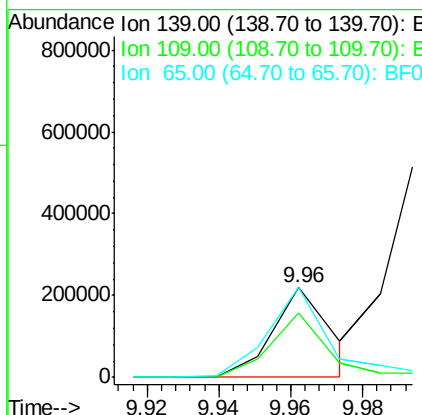
BNA_F

ClientSampleId :

WC-201612MS

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12/23/2016 5:53:30 PM



#56

2,4-Dinitrotoluene

Concen: 40.12 ng/mL

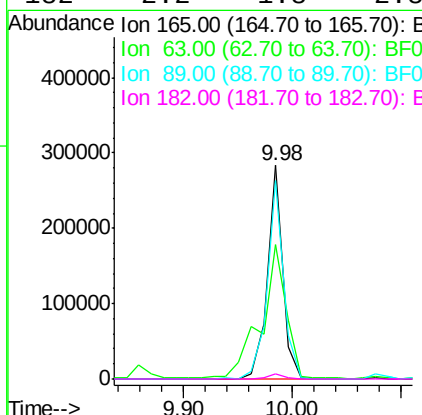
RT: 9.98 min Scan# 691

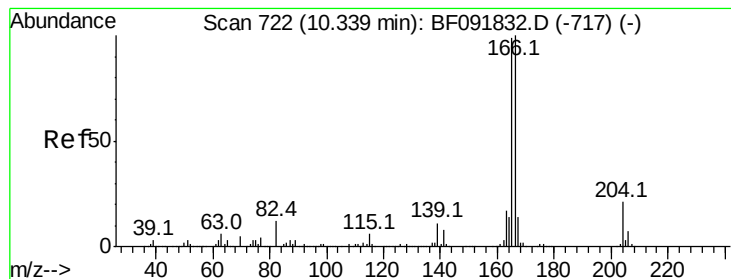
Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:	165	Resp:	281692
Ion Ratio	Lower	Upper	
165	100		
63	62.7	40.2	60.4#
89	92.9	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 48.68 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:166 Resp: 1080605

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

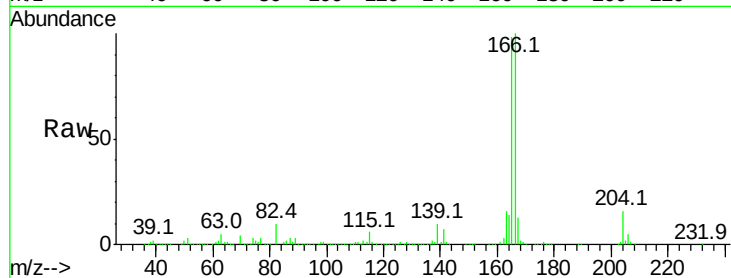
167 13.4 10.8 16.2

Manual Integrations

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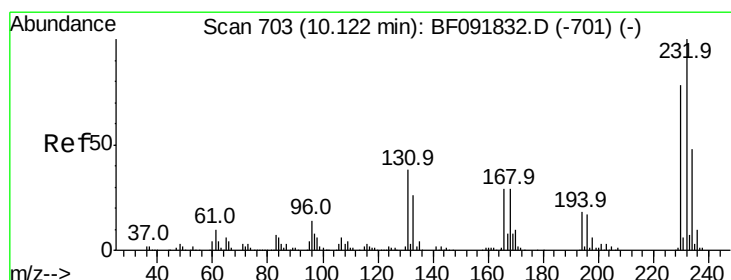
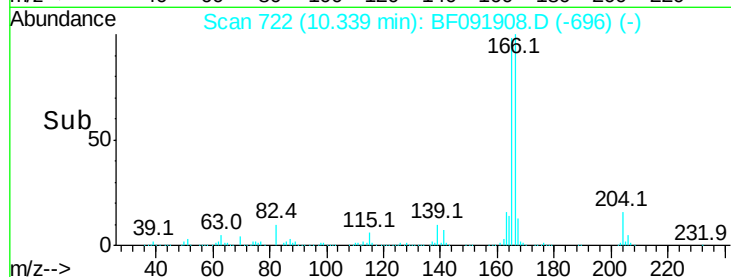
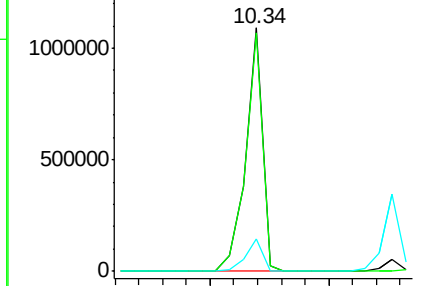
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.57 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:232 Resp: 210147

Ion Ratio Lower Upper

232 100

131 49.7 40.1 60.1

130 2.6 1.8 2.8

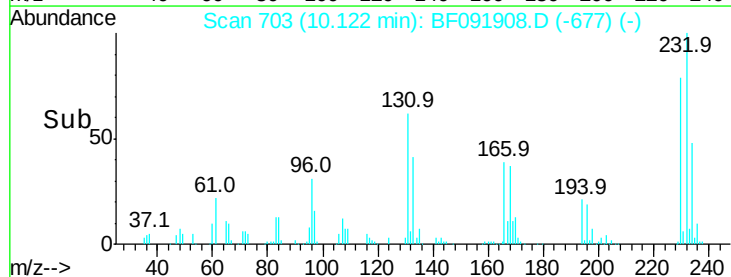
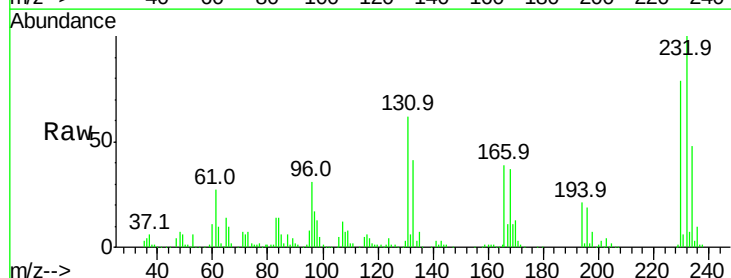
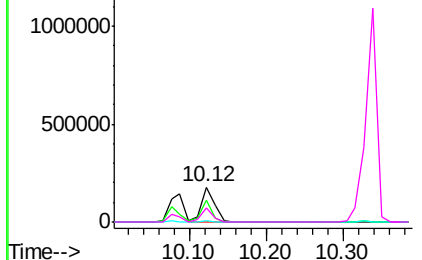
166 33.1 26.6 39.8

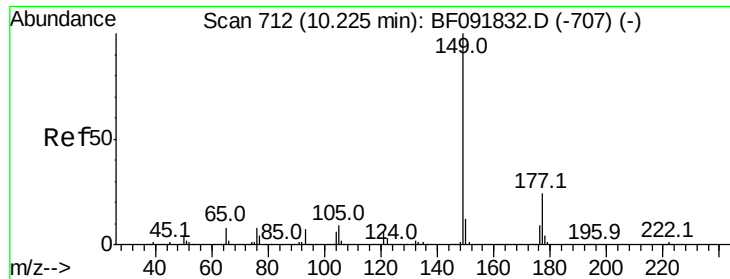
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





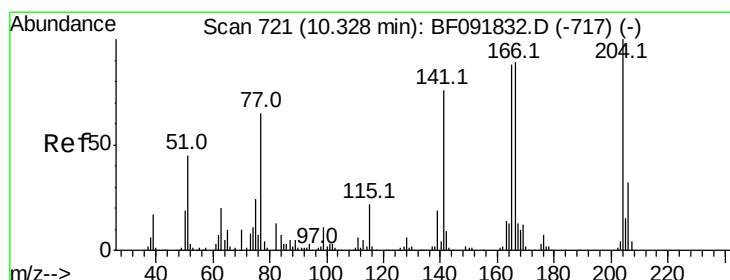
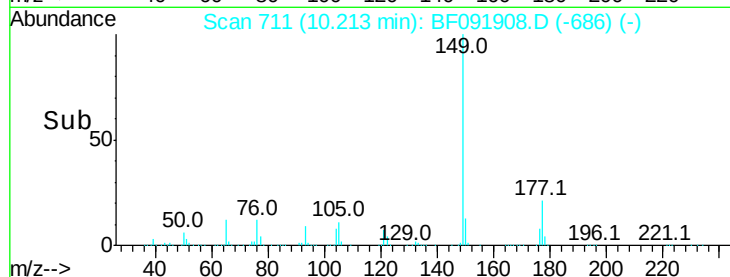
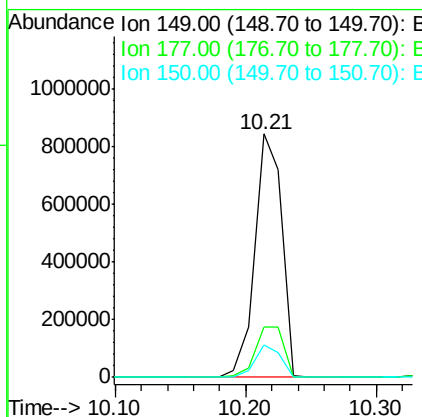
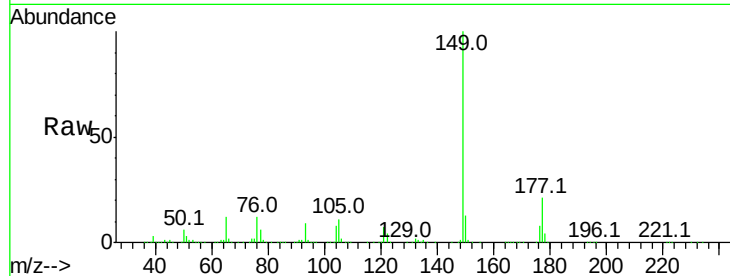
#59
Diethylphthalate
Concen: 48.97 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion:149 Resp: 1215537
Ion Ratio Lower Upper
149 100
177 20.5 16.6 25.0
150 13.1 10.4 15.6

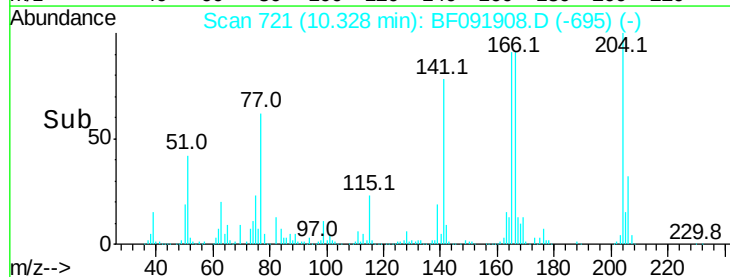
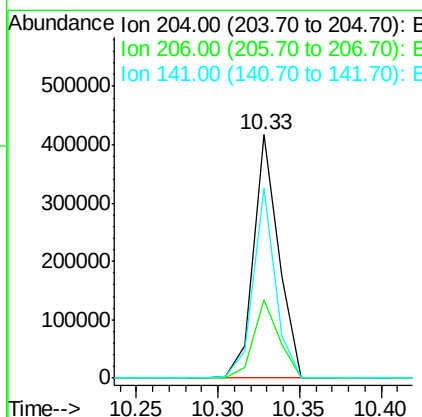
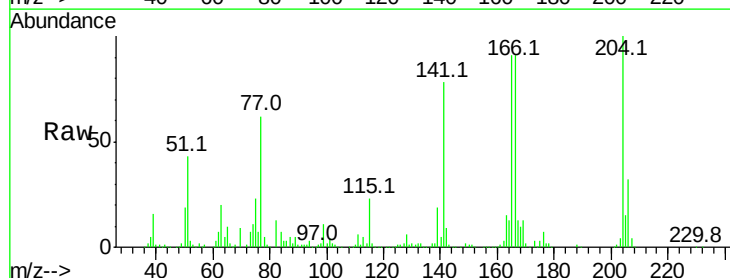
Manual Integrations
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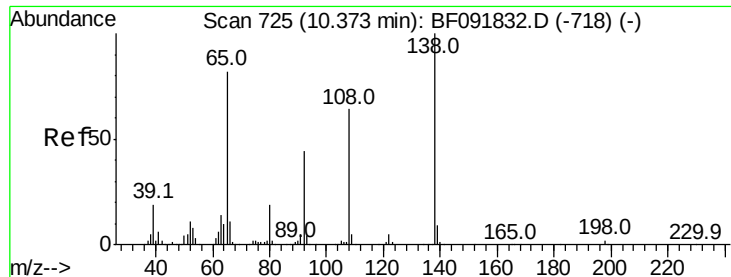
SOHIL
12/23/2016 5:53:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.96 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion:204 Resp: 446668
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 77.9 59.4 89.0





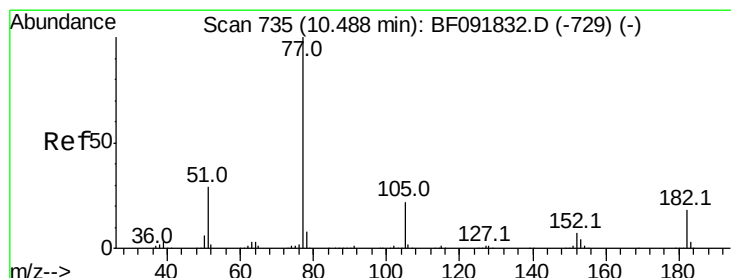
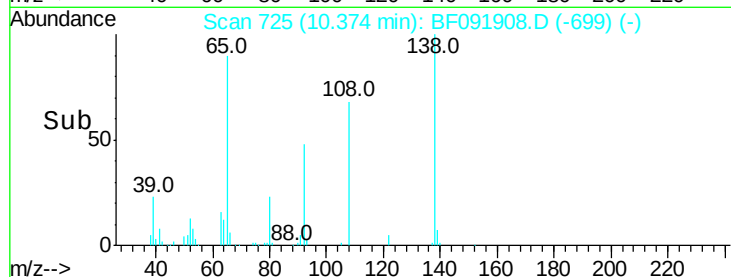
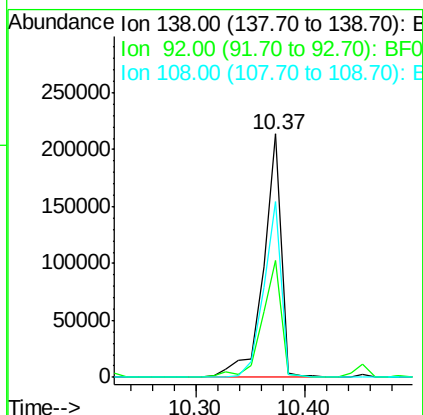
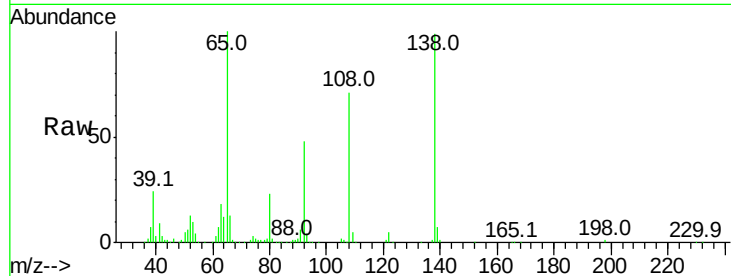
#61
4-Nitroaniline
Concen: 34.35 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	31.7	71.7
108	72.4	52.6	92.6

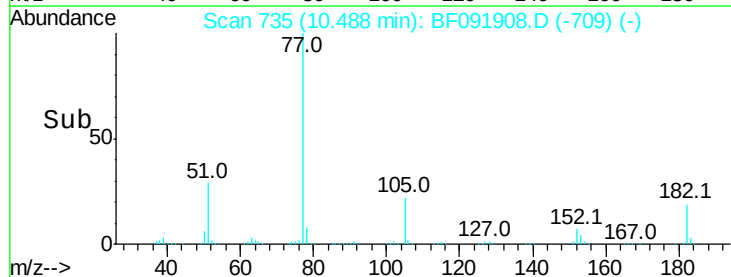
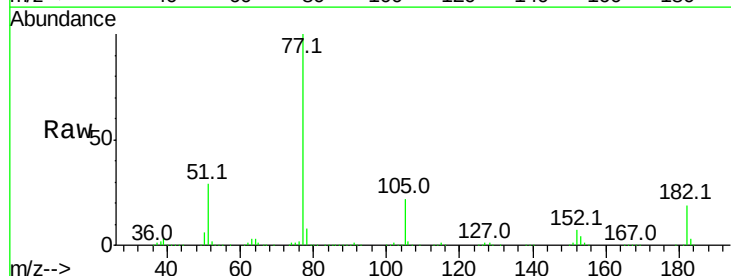
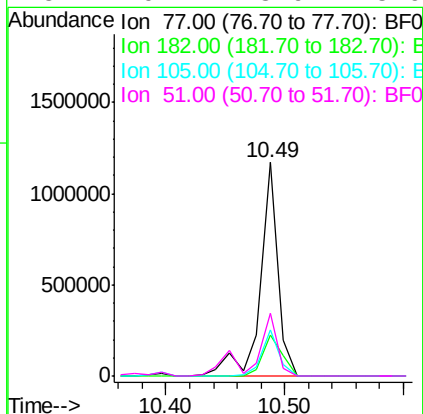
Manual Integrations
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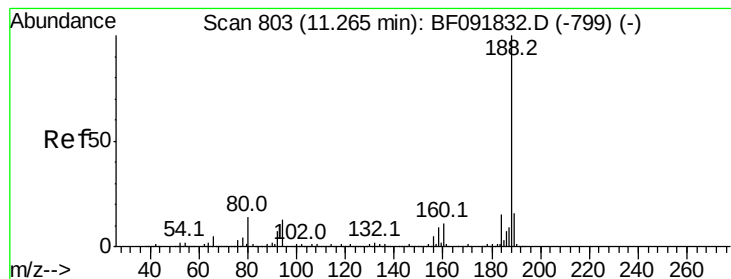
SOHIL
12/23/2016 5:53:30 PM



#62
Azobenzene
Concen: 44.89 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.4	0.0	39.3
105	21.7	2.3	42.3
51	29.4	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:188 Resp: 578983

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

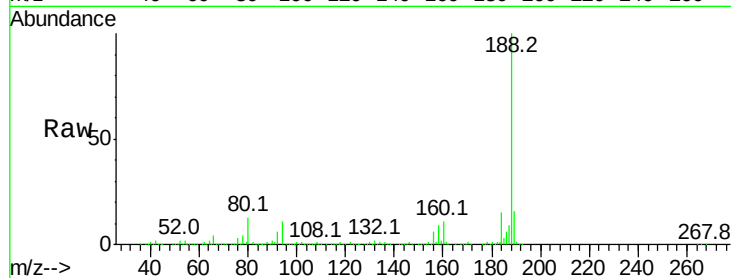
80 13.0 11.2 16.8

Manual Integrations

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

600000

500000

400000

300000

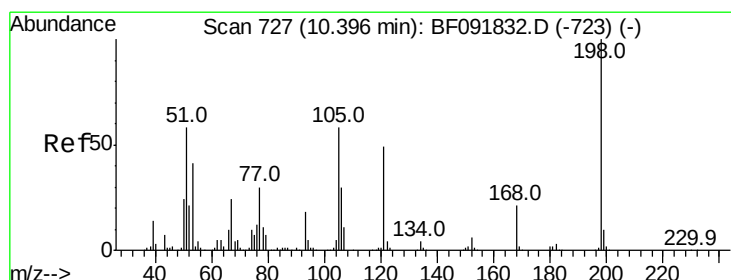
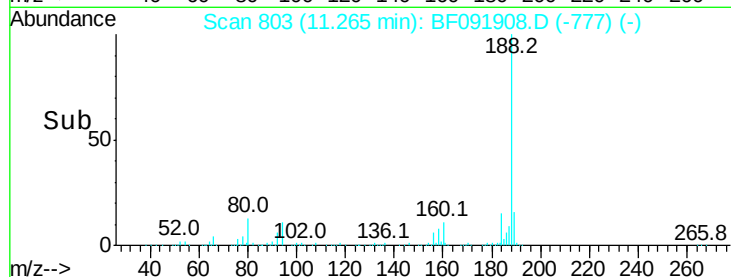
200000

100000

0

11.20 11.25 11.30

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 12.59 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

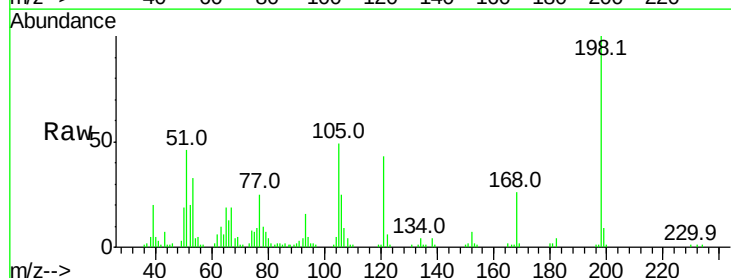
Tgt Ion:198 Resp: 44096

Ion Ratio Lower Upper

198 100

51 46.1 6.7 46.7

105 49.2 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

400000

300000

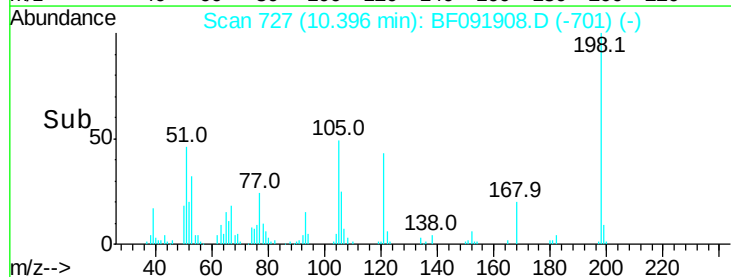
200000

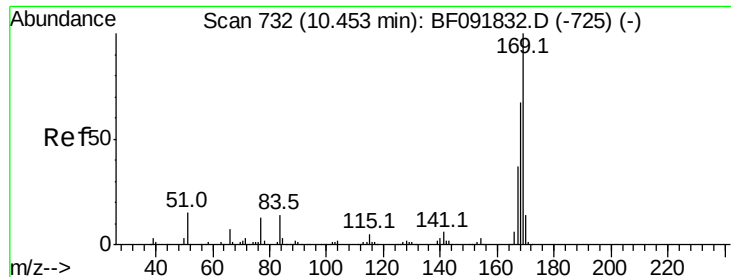
100000

0

10.30 10.35 10.40 10.45

Time-->





#65

n-Nitrosodiphenylamine

Concen: 52.49 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

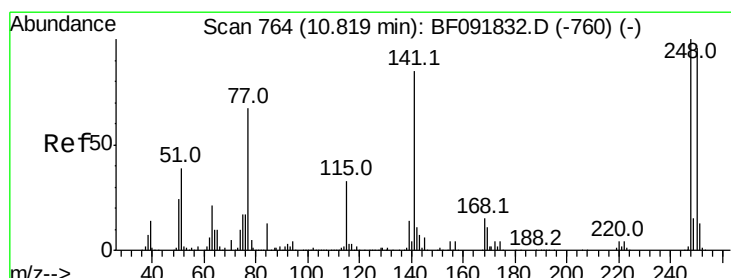
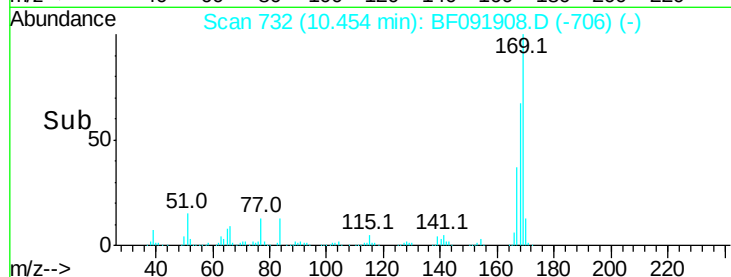
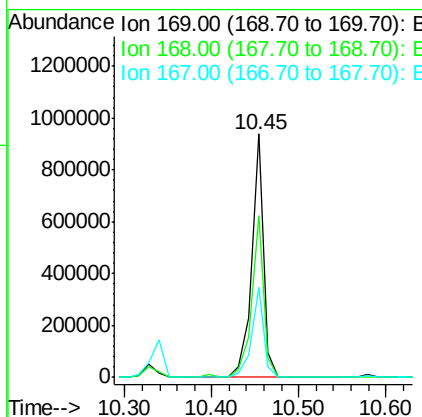
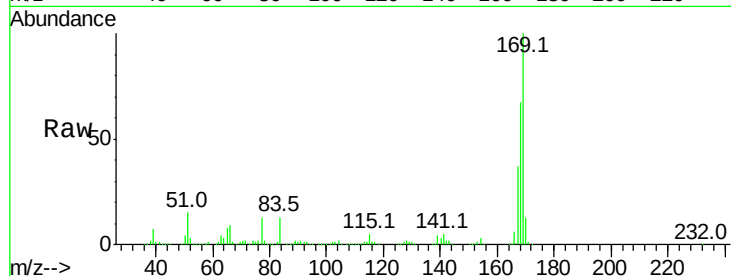
ClientSampleId :

WC-201612MS

Tot Ion:	169	Resp:	901793
Ion Ratio	Lower	Upper	
169	100		
168	66.6	54.2	81.2
167	37.0	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 50.89 ng

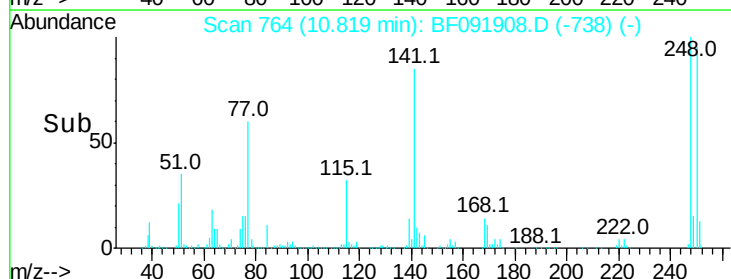
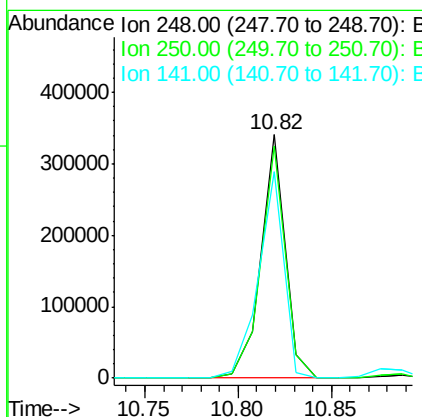
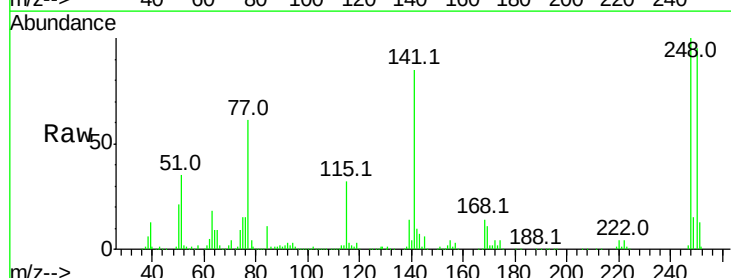
RT: 10.82 min Scan# 764

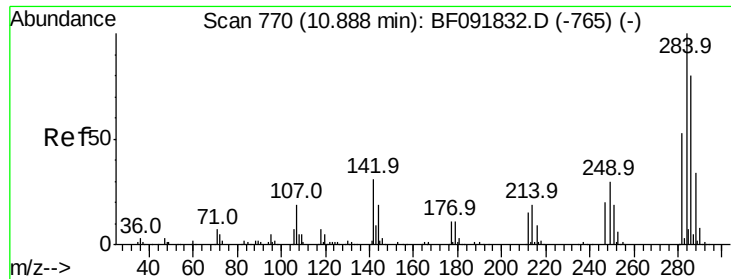
Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:	248	Resp:	306499
Ion Ratio	Lower	Upper	
248	100		
250	95.2	76.9	115.3
141	84.6	68.2	102.4





#67

Hexachlorobenzene

Concen: 51.29 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

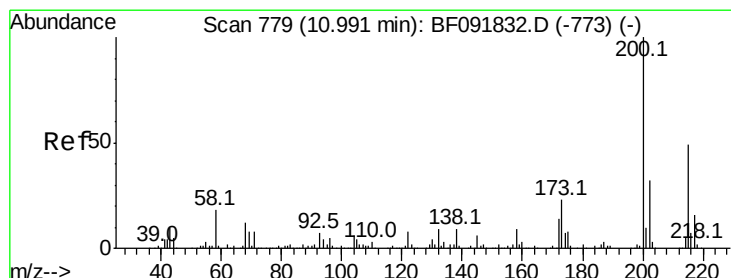
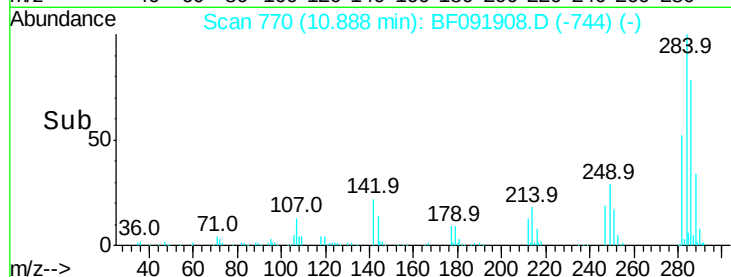
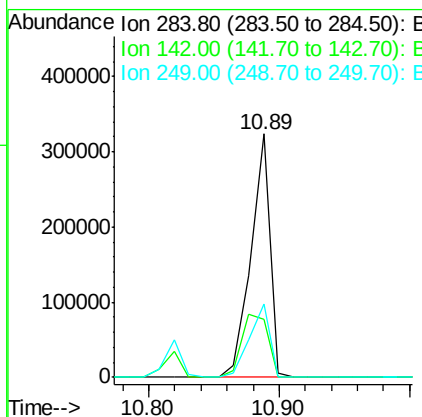
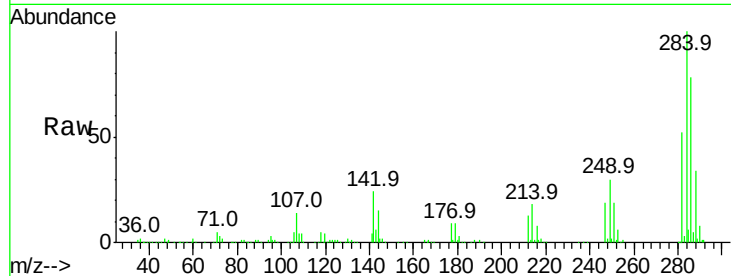
ClientSampleId :

WC-201612MS

Tot Ion:	284	Resp:	330214
Ion Ratio	Lower	Upper	
284	100		
142	24.0	22.6	33.8
249	29.9	25.4	38.0

Manual Integrations
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12/23/2016 5:53:30 PM



#68

Atrazine

Concen: 59.14 ng

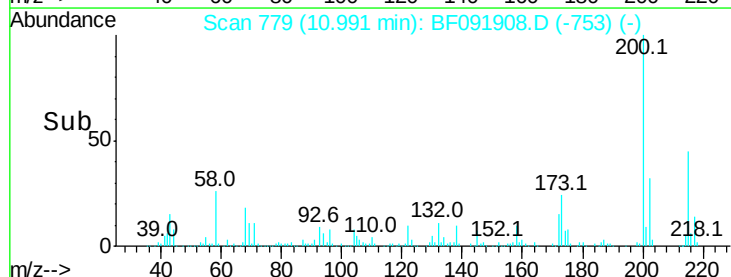
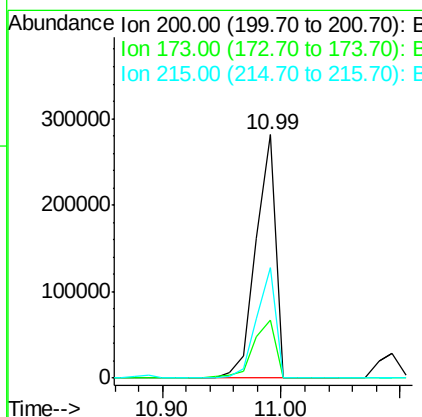
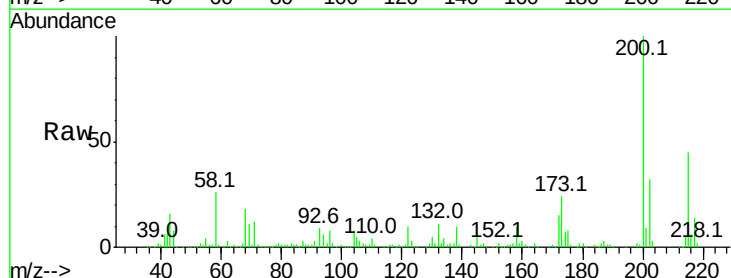
RT: 10.99 min Scan# 779

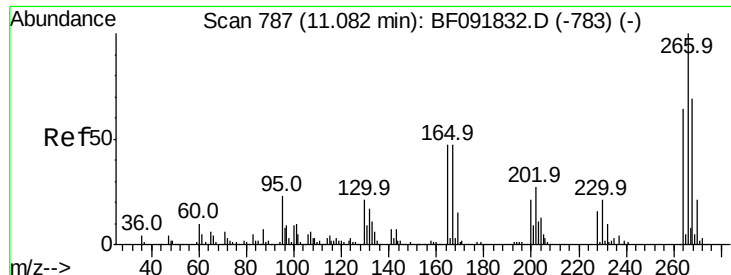
Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:	200	Resp:	327733
Ion Ratio	Lower	Upper	
200	100		
173	24.1	9.6	49.6
215	45.2	25.7	65.7





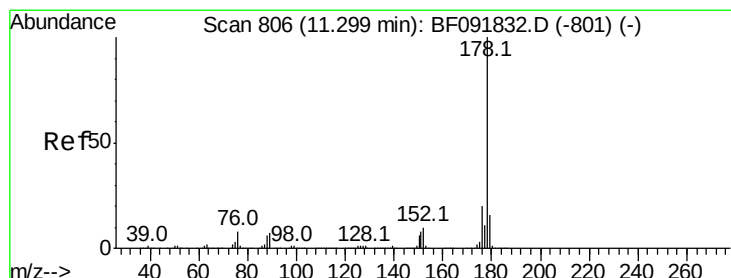
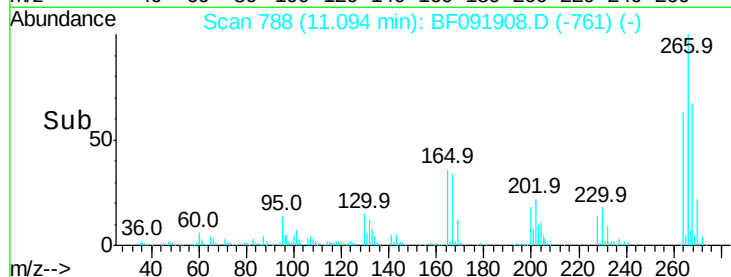
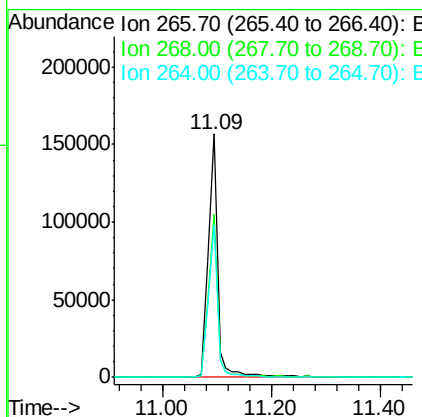
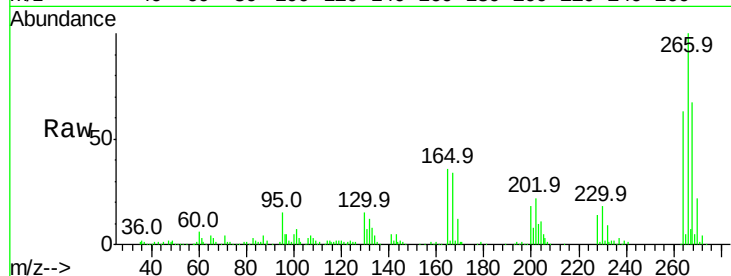
#69
 Pentachlorophenol
 Concen: 60.18 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	190099		
268	67.0	53.3	79.9	
264	62.9	50.3	75.5	

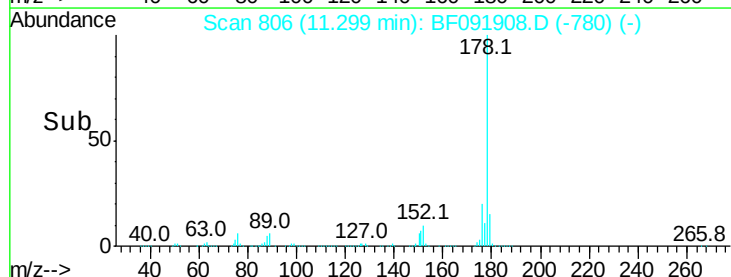
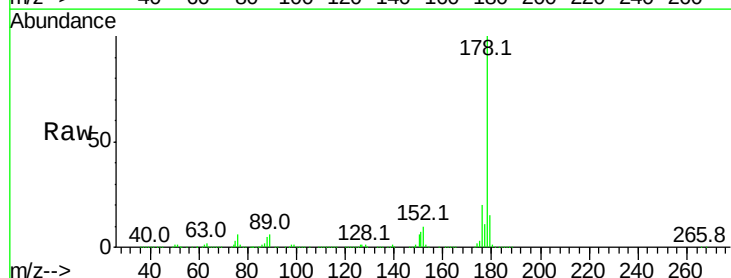
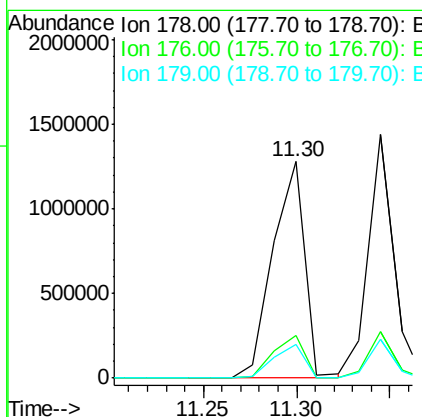
Manual Integrations
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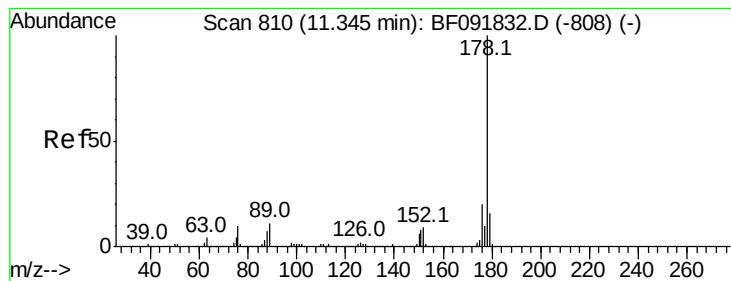
SOHIL
 12/23/2016 5:53:30 PM



#70
 Phenanthrene
 Concen: 48.28 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1515883		
176	20.0	16.6	25.0	
179	15.4	12.8	19.2	





#71

Anthracene

Concen: 49.89 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:178 Resp: 1337247

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

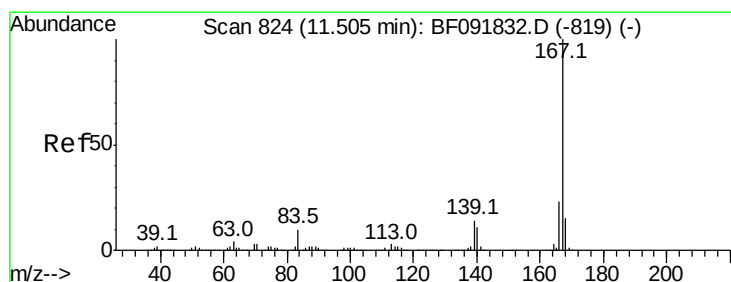
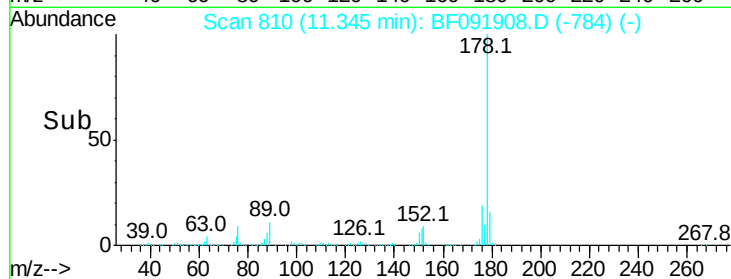
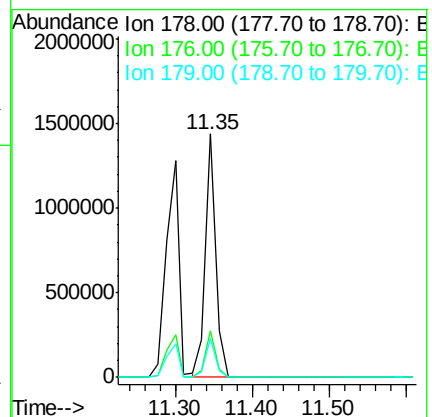
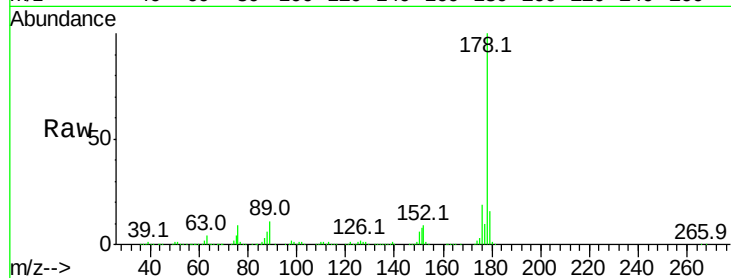
179 15.8 13.2 19.8

Manual Integrations

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12/23/2016 5:53:30 PM



#72

Carbazole

Concen: 48.19 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

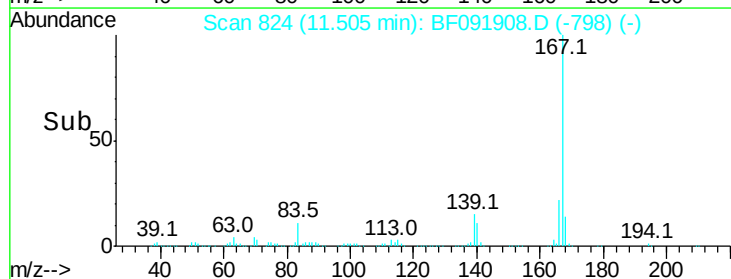
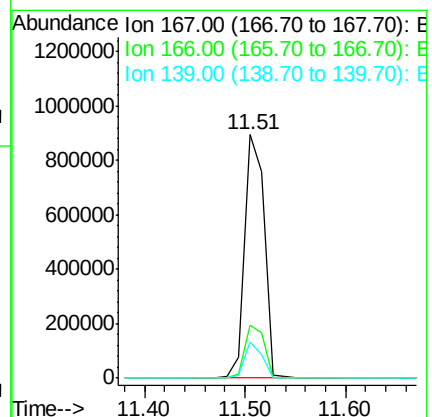
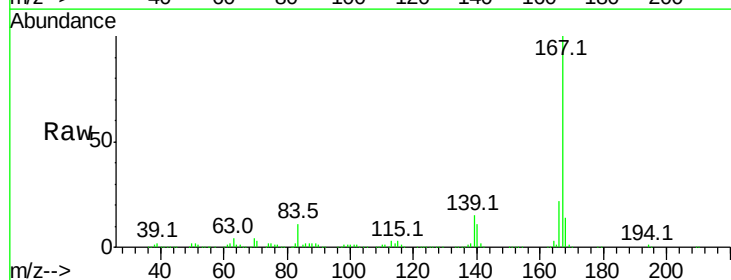
Tgt Ion:167 Resp: 1206611

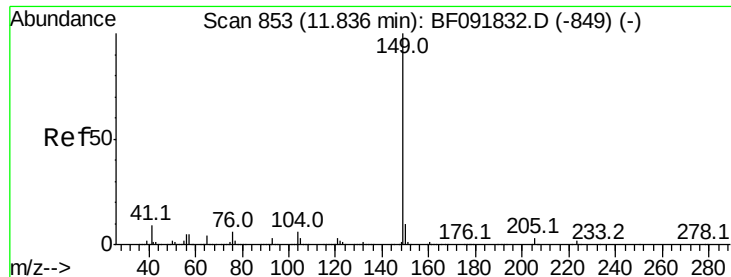
Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

139 15.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 58.62 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tot Ion:149 Resp: 1706959

Ion Ratio Lower Upper

149 100

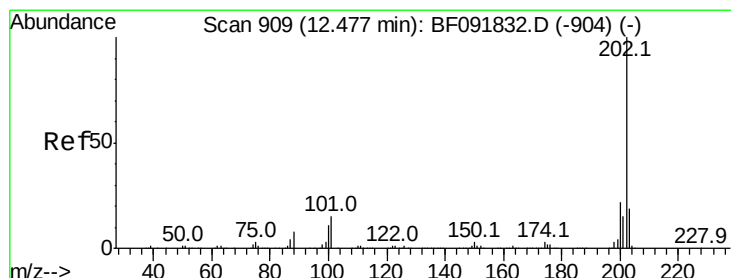
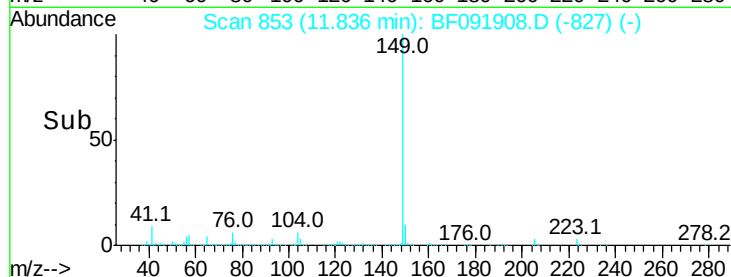
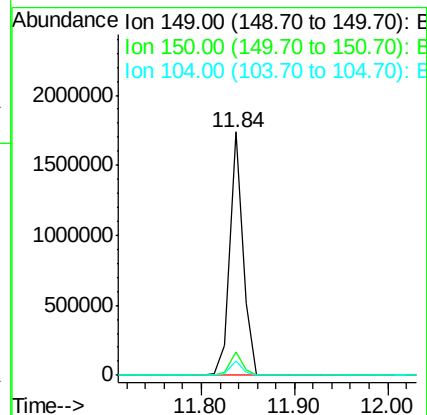
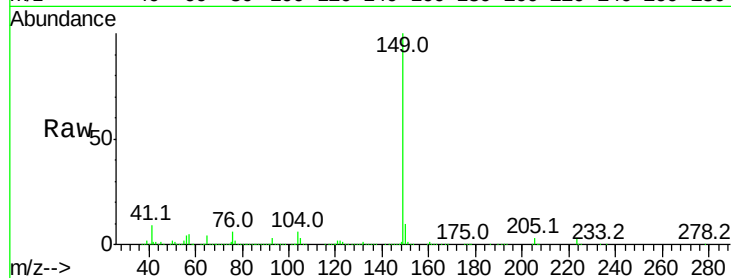
150 9.8 8.1 12.1

104 5.8 4.6 7.0

Manual Integrations
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SOHIL

12/23/2016 5:53:30 PM



#74

Fluoranthene

Concen: 44.56 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

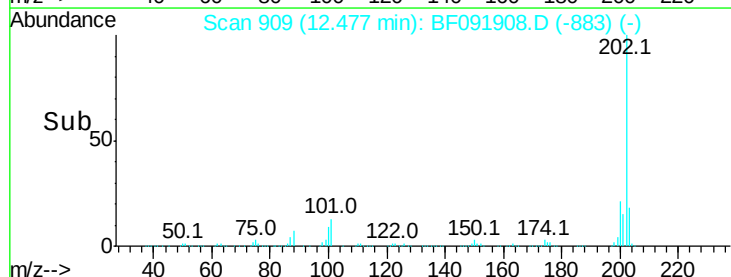
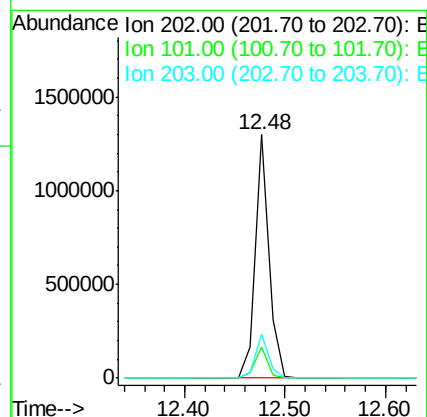
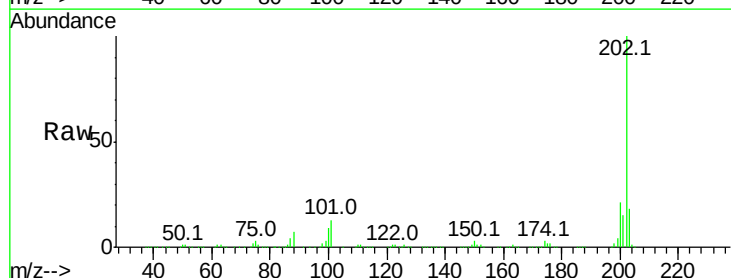
Tgt Ion:202 Resp: 1228368

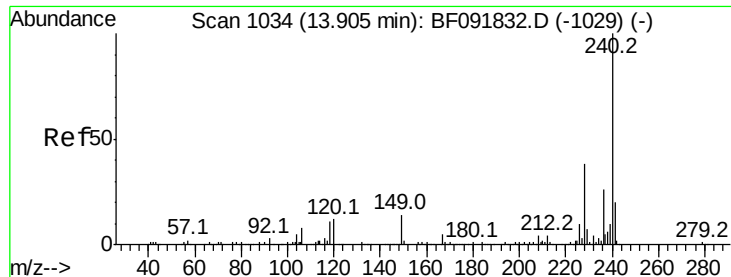
Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

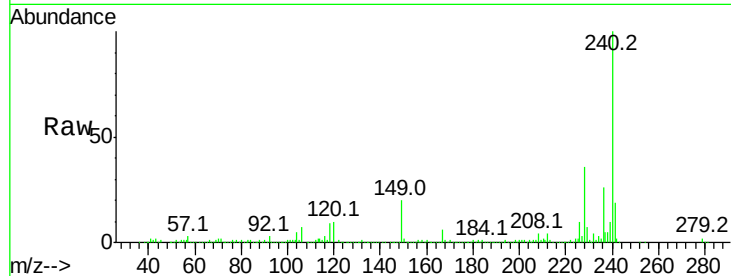
ClientSampleId :

WC-201612MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.9	19.3#
236	25.7	20.9	31.3

Manual Integrations
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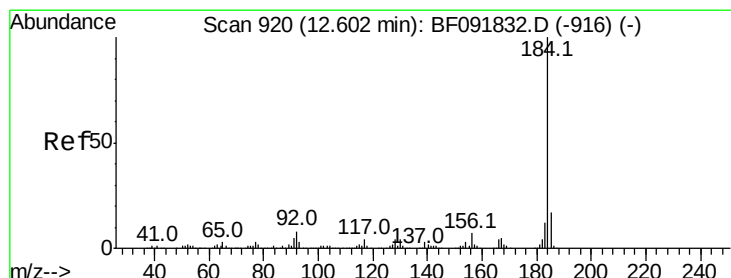
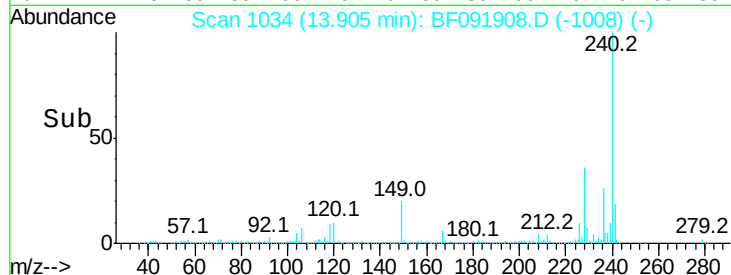
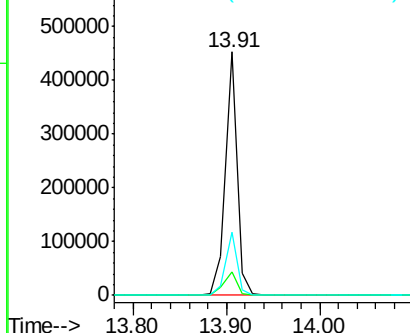
SOHIL
12/23/2016 5:53:30 PM



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: 41.98 ng

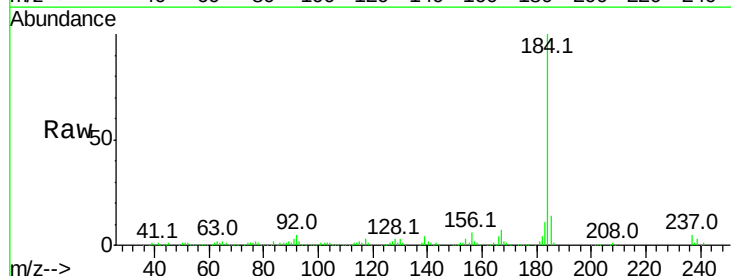
RT: 12.61 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

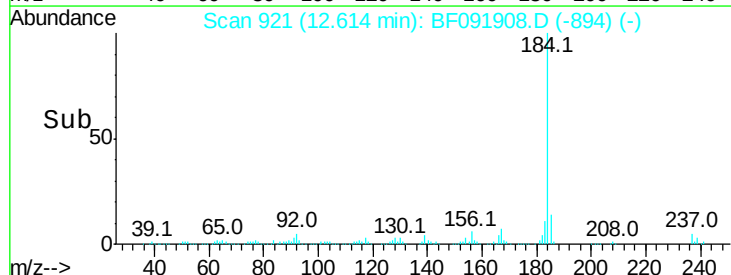
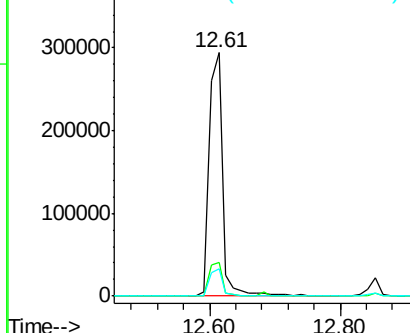
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.0
183	11.1	9.2	13.8

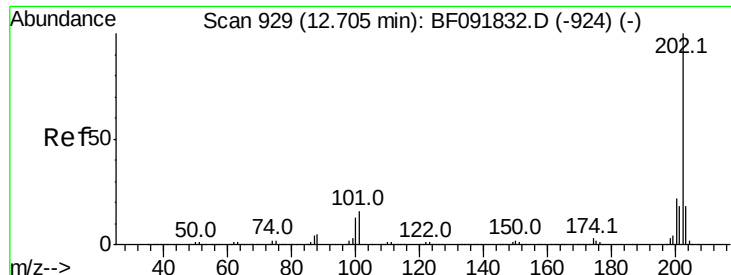


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





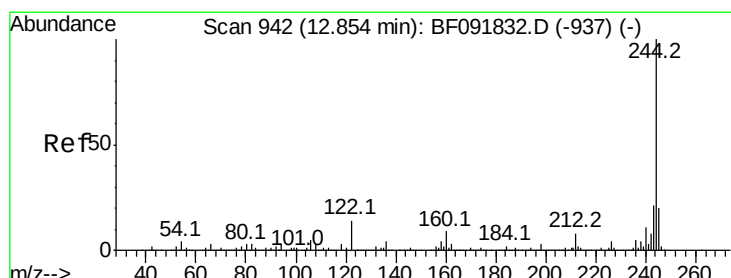
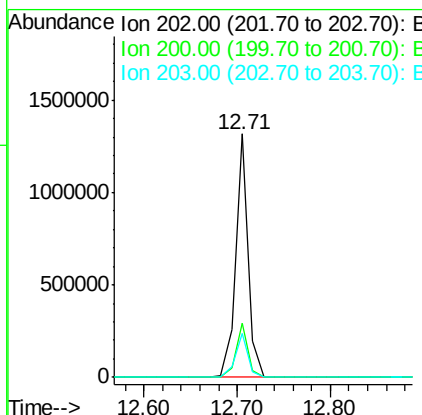
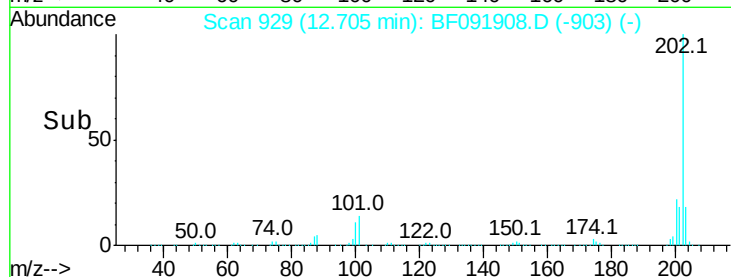
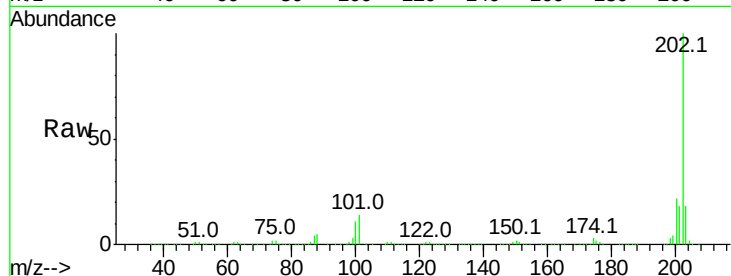
#77
Pvrene
Concen: 42.25 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.3	14.7	22.1

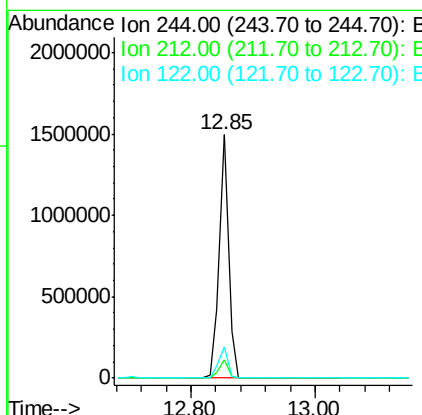
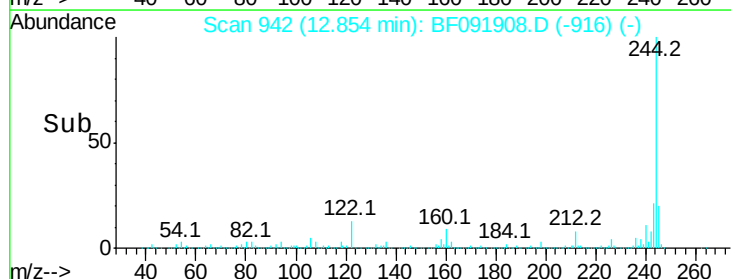
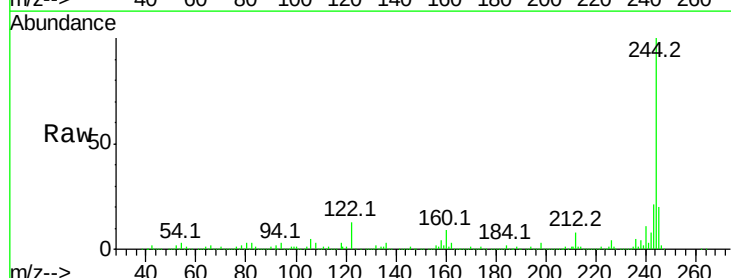
Manual Integrations
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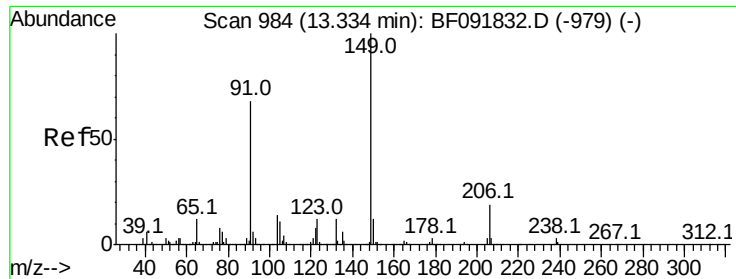
SOHIL
12/23/2016 5:53:30 PM



#78
Terphenyl-d14
Concen: 93.99 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.1	11.4	17.2





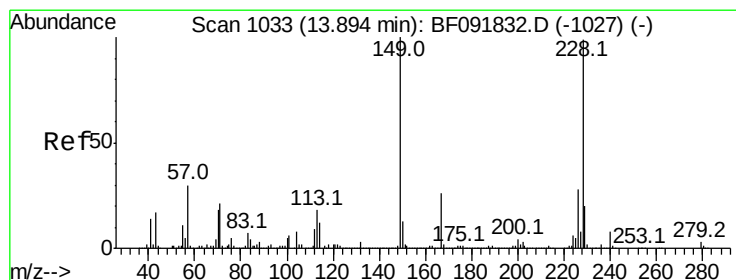
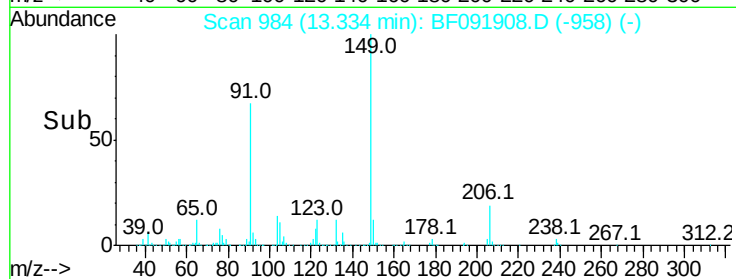
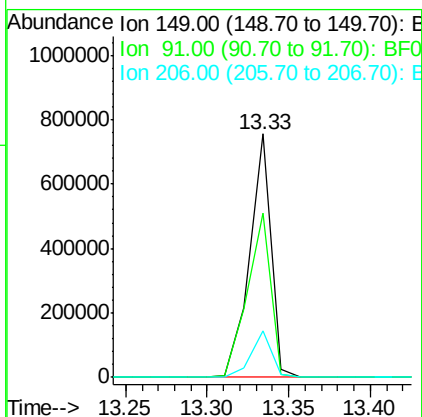
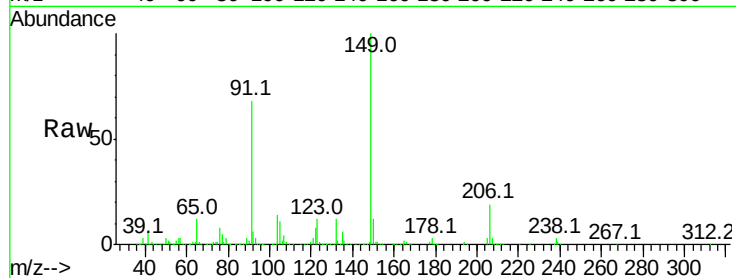
#79
Butylbenzylphthalate
Concen: 52.12 ng
RT: 13.33 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	687510		
91	67.5	63.9	95.9	
206	19.1	14.6	21.8	

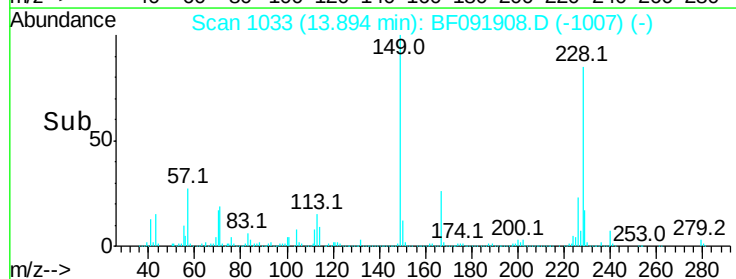
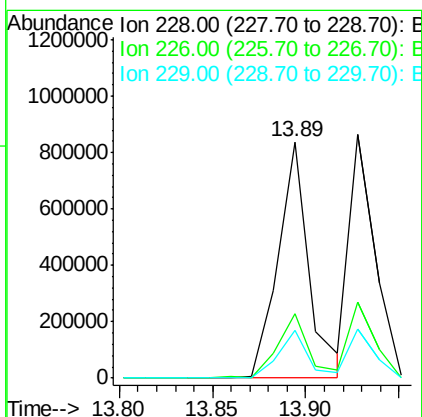
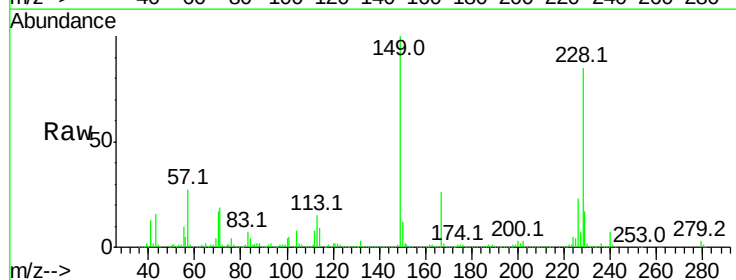
Manual Integrations
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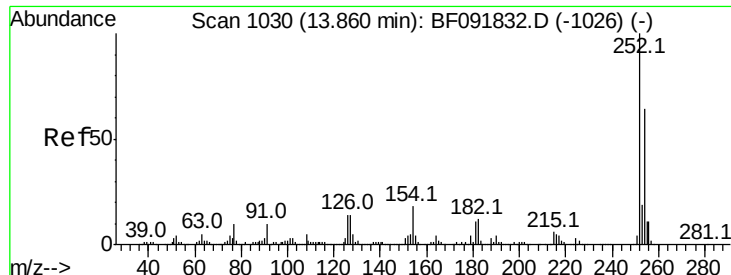
SOHIL
12/23/2016 5:53:30 PM



#80
Benzo(a)anthracene
Concen: 43.26 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	965435		
226	27.4	22.4	33.6	
229	20.1	16.2	24.4	





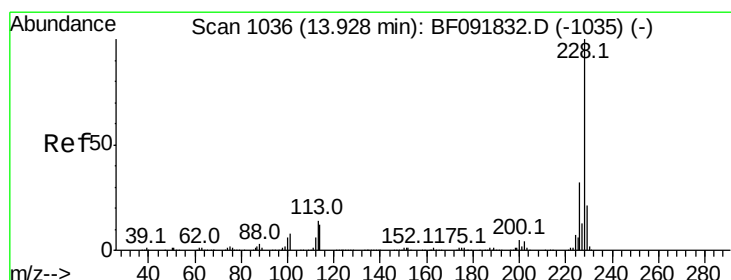
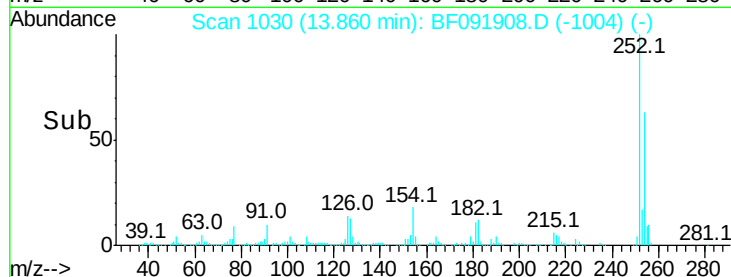
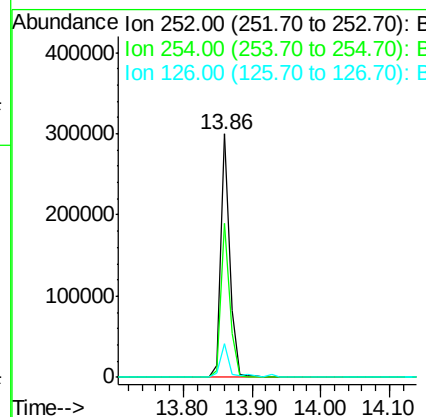
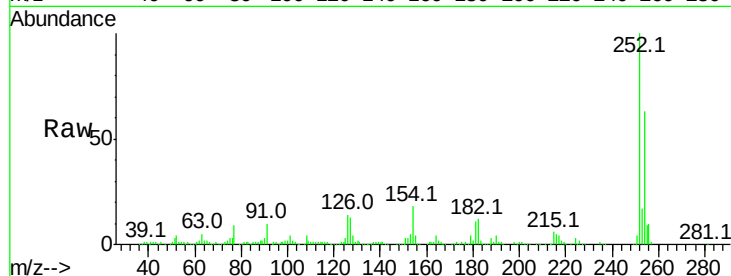
#81
 3,3'-Dichlorobenzidine
 Concen: 33.28 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	281605		
254	63.1	52.3	78.5	
126	13.7	13.6	20.4	

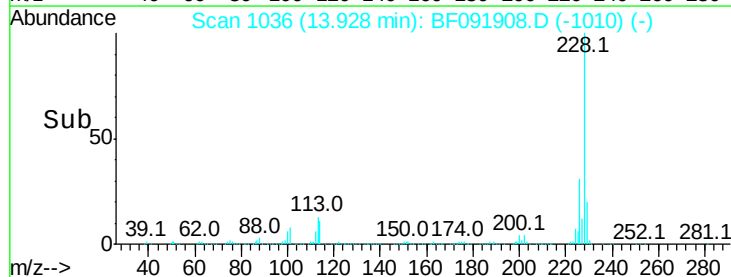
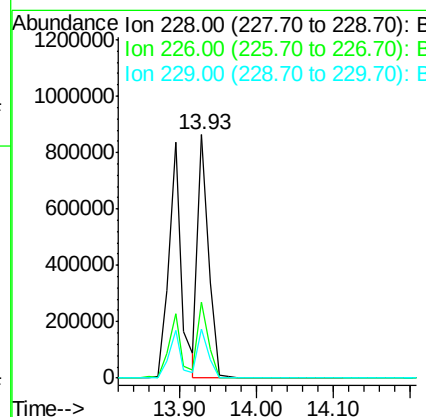
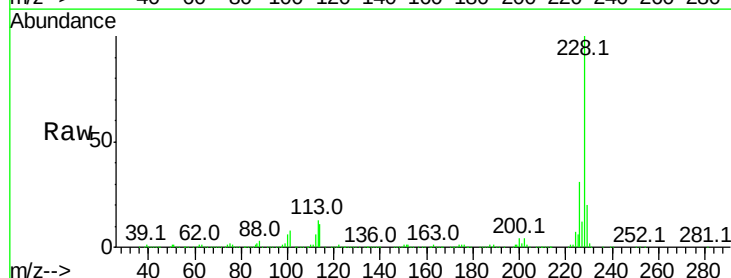
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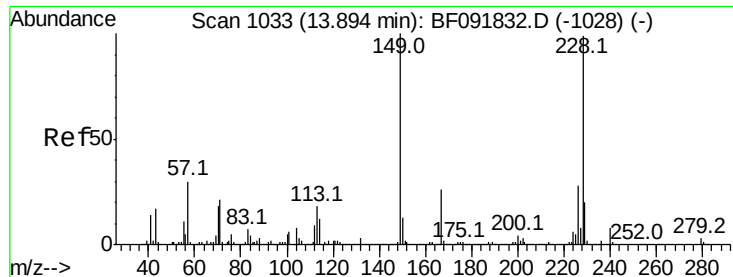
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#82
 Chrysene
 Concen: 37.63 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	842402		
226	31.0	25.4	38.0	
229	20.2	16.2	24.2	





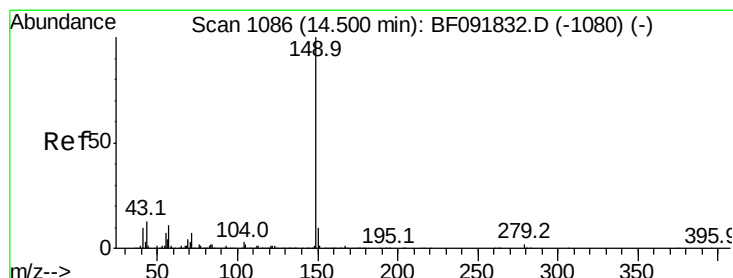
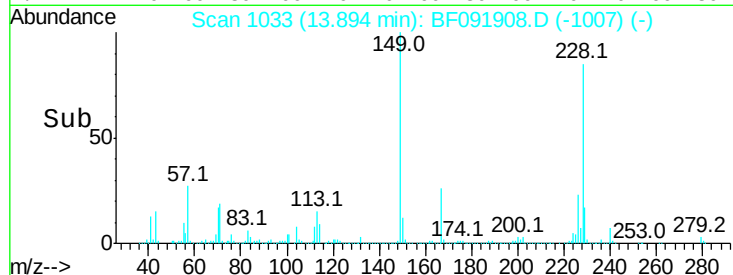
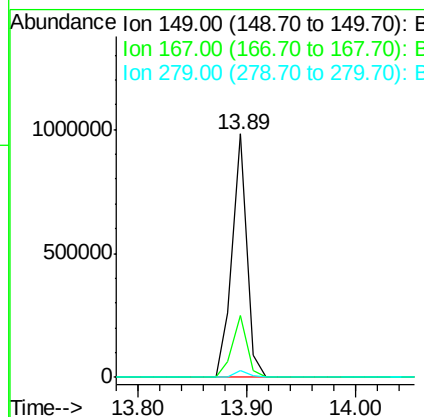
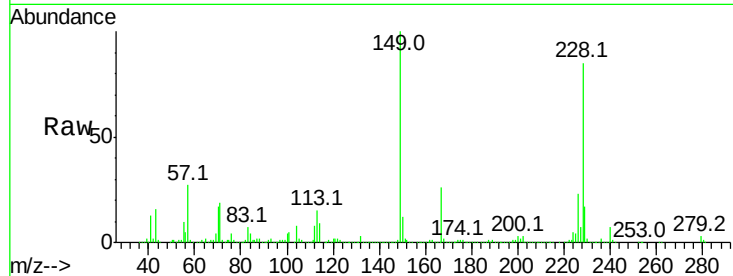
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.28 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.2	30.4
279	3.0	1.8	2.8

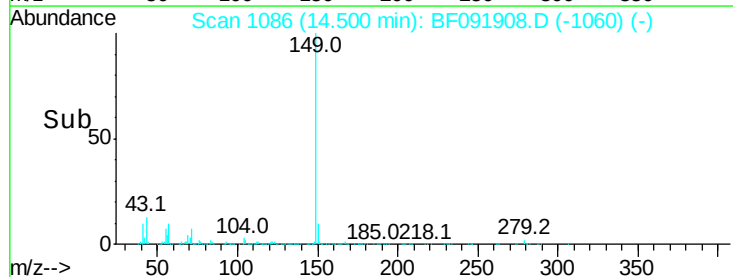
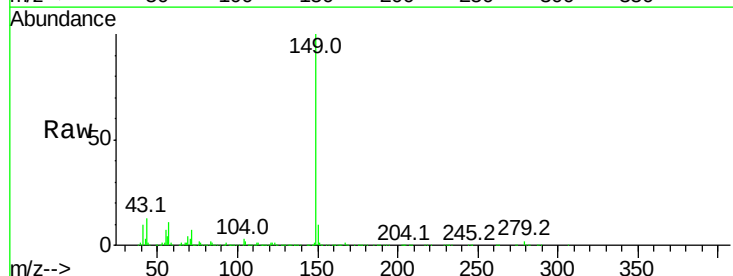
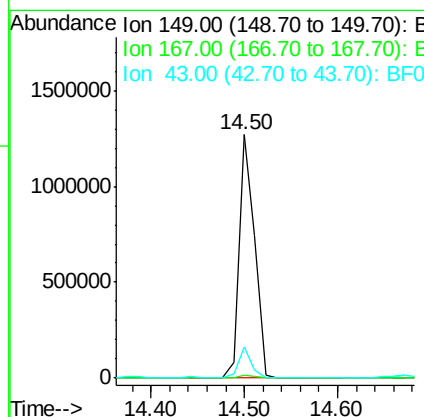
Manual Integrations
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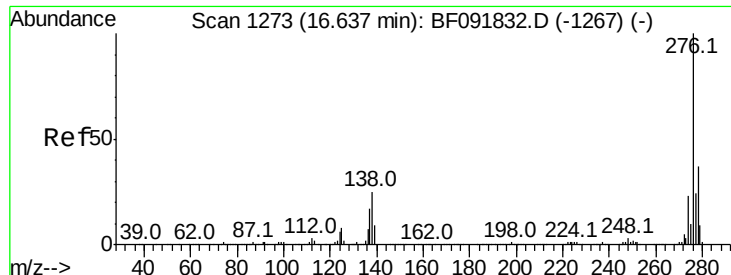
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#84
 Di-n-octyl phthalate
 Concen: 50.45 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.2	8.9	13.3





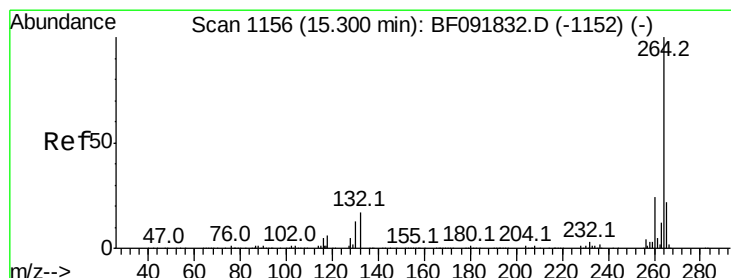
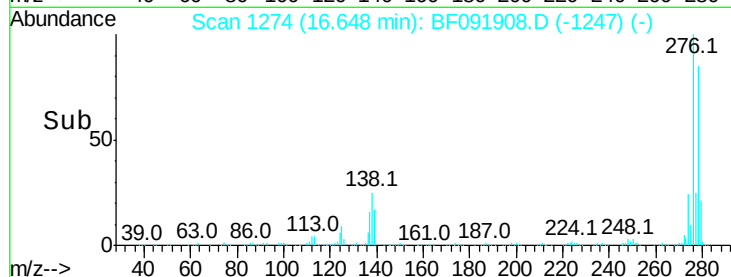
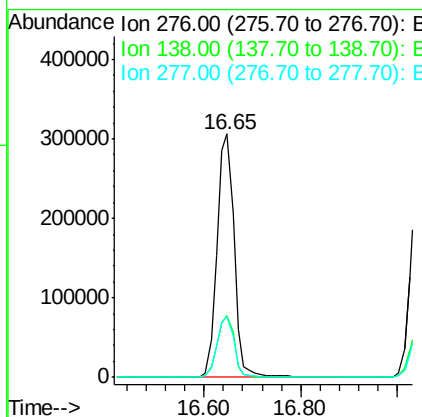
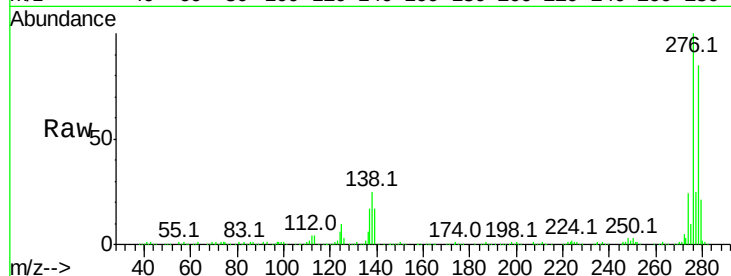
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.54 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.6
277	24.6	20.2	30.4

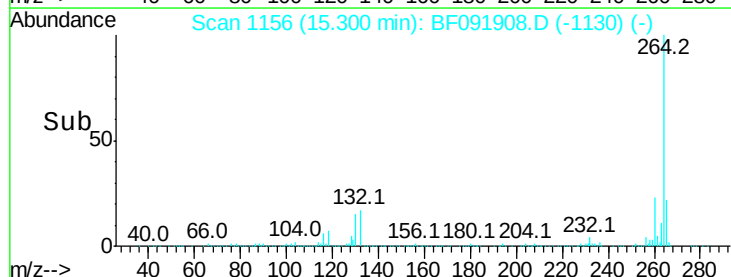
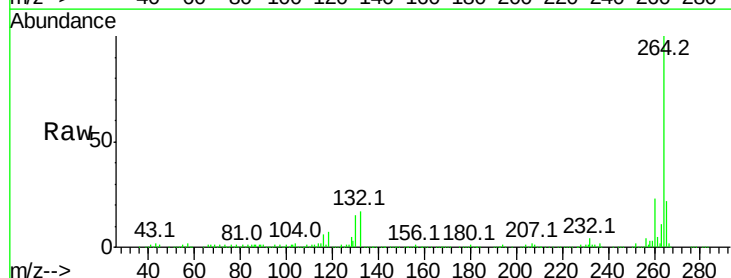
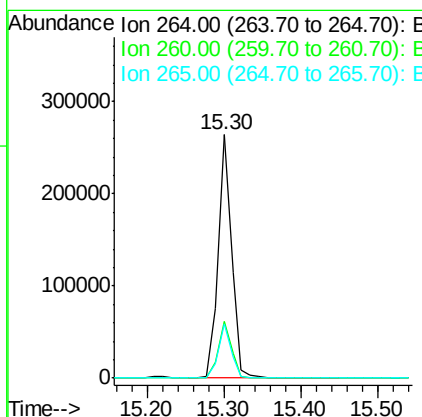
Manual Integrations
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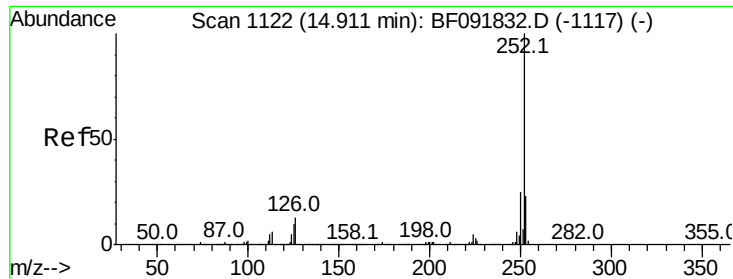
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 12/23/2016 5:53:30 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 46.69 ng m

RT: 14.91 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Instrument :

BNA_F

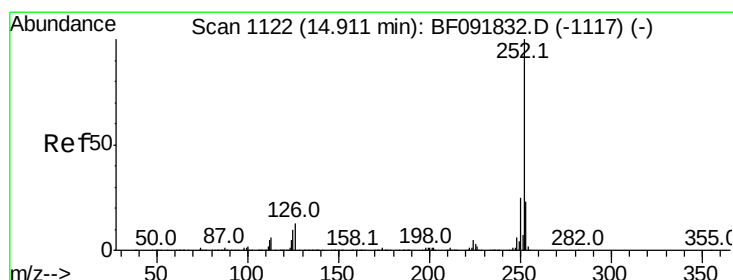
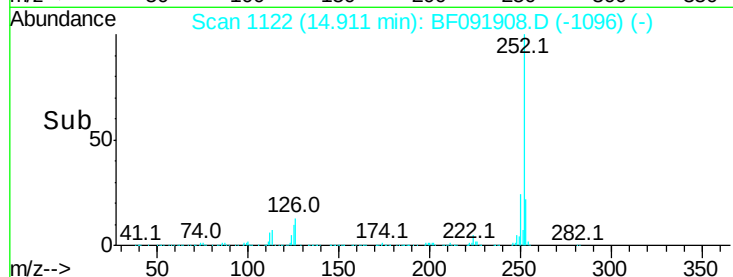
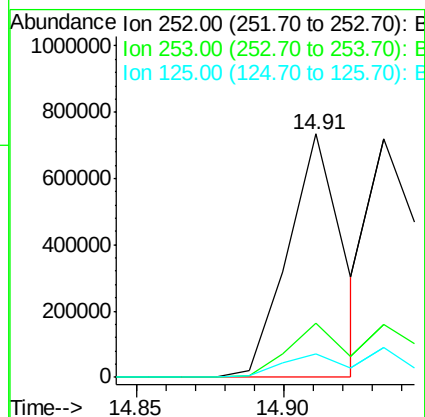
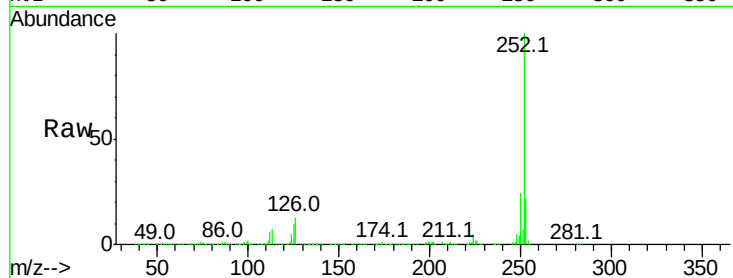
ClientSampleId :

WC-201612MS

Tot Ion:	252	Resp:	942980
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	9.9	9.8	14.6

Manual Integrations
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12/23/2016 5:53:30 PM



#88

Benzo(k)fluoranthene

Concen: 48.41 ng m

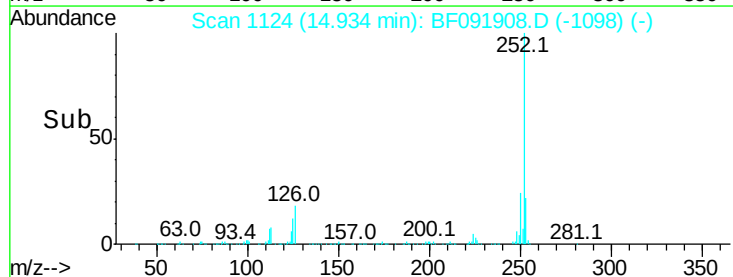
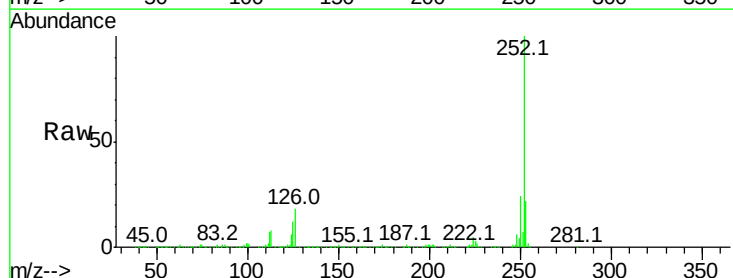
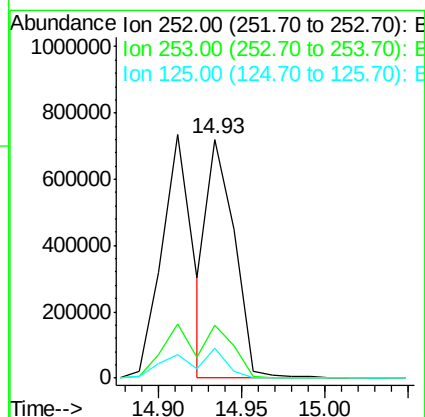
RT: 14.93 min Scan# 1124

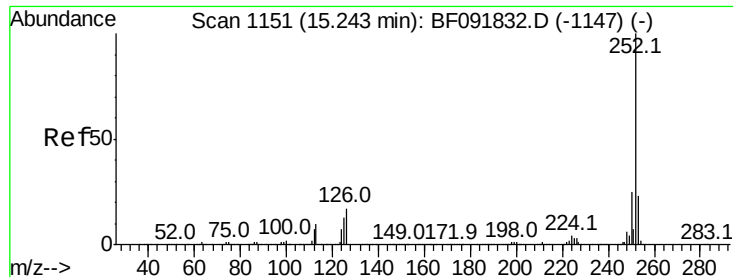
Delta R.T. 0.00 min

Lab File: BF091908.D

Acq: 23 Dec 2016 6:28

Tgt Ion:	252	Resp:	833665
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.5	27.7
125	12.3	8.9	13.3





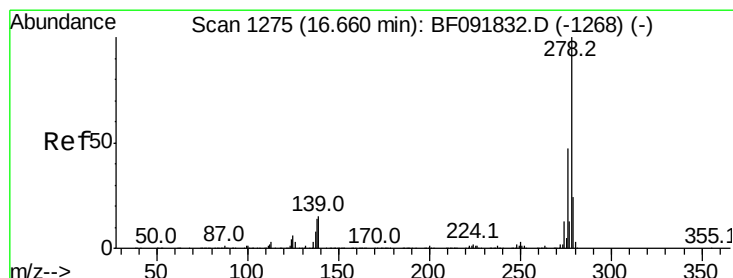
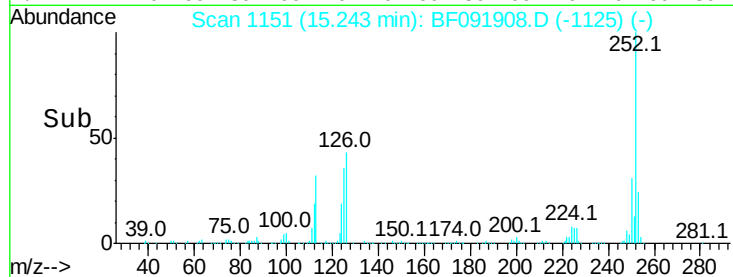
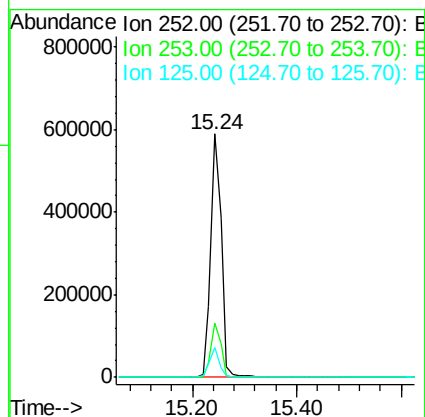
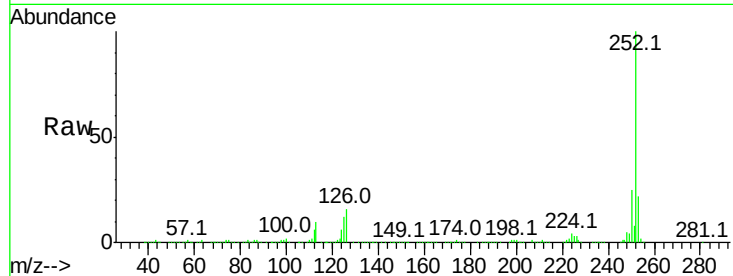
#89
Benzo(a)pyrene
Concen: 46.48 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.2	10.0	15.0

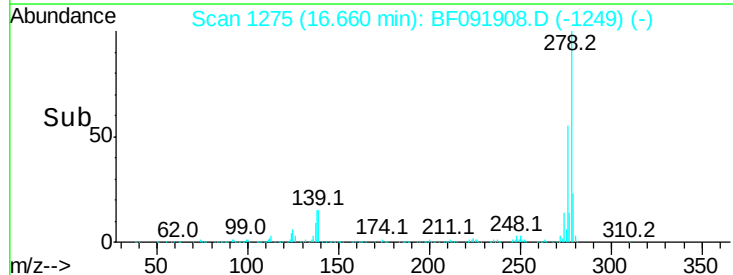
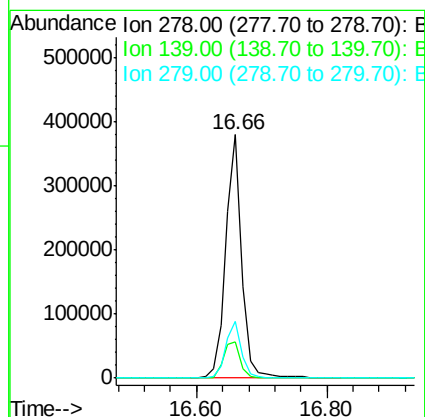
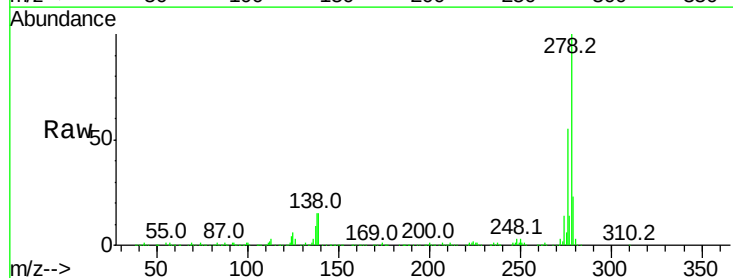
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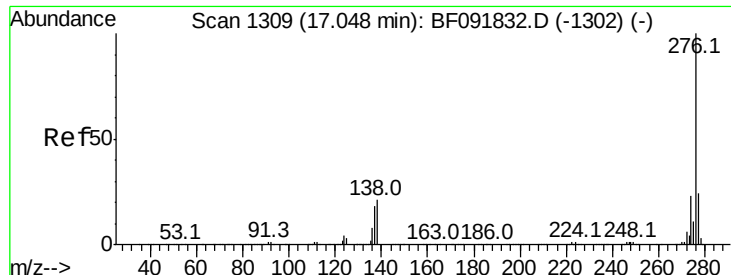
SOHIL
12/23/2016 5:53:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.80 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF091908.D
Acq: 23 Dec 2016 6:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.89 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF091908.D
 Acq: 23 Dec 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tot Ion:	276	Resp:	626379
Ion Ratio		Lower	Upper
276	100		
277	23.1	19.2	28.8
138	20.0	16.0	24.0

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:53:30 PM

