

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092313.D
 Acq On : 17 Jan 2017 6:33
 Operator : UM/SJ
 Sample : I1182-05MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Manual Integrations
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 1/17/2017 4:58:17 PM

Quant Time: Jan 17 12:57:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170027	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	825944	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	403258	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	595590	20.00	ng	0.00
75) Chrysene-d12	13.70	240	253836	20.00	ng	-0.01
86) Perylene-d12	15.06	264	413454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	1410003	138.47	ng	0.02
7) Phenol-d6	6.24	99	1745888	140.43	ng	0.01
23) Nitrobenzene-d5	7.15	82	1497638	100.83	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	467131	139.97	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2196997	116.39	ng	0.00
78) Terphenyl-d14	12.66	244	1350790	129.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	242091	48.29	ng	# 83
3) Pyridine	2.76	79	623298m	35.62	ng	
4) n-Nitrosodimethylamine	2.68	42	295868	44.83	ng	99
6) Aniline	6.23	93	290844	18.01	ng	# 60
8) 2-Chlorophenol	6.36	128	590005	50.94	ng	96
9) Benzaldehyde	6.12	77	24731	2.44	ng	96
10) Phenol	6.26	94	661350	46.68	ng	# 65
11) bis(2-Chloroethyl)ether	6.31	93	601692	53.38	ng	99
12) 1,3-Dichlorobenzene	6.51	146	640645	51.81	ng	97
13) 1,4-Dichlorobenzene	6.59	146	628123	49.91	ng	94
14) 1,2-Dichlorobenzene	6.74	146	606394	55.53	ng	99
15) Benzyl Alcohol	6.74	79	532662	55.14	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	907072	54.04	ng	# 47
17) 2-Methylphenol	6.86	107	487268	52.31	ng	# 88
18) Hexachloroethane	7.07	117	256992	55.08	ng	# 83
19) n-Nitroso-di-n-propylamine	7.00	70	463154	56.00	ng	98
20) 3+4-Methylphenols	7.02	107	720743	64.87	ng	# 71
22) Acetophenone	6.99	105	989417	48.57	ng	# 92
24) Nitrobenzene	7.16	77	700161	44.26	ng	96
25) Isophorone	7.40	82	1438466	52.49	ng	95
26) 2-Nitrophenol	7.48	139	408870	52.41	ng	89
27) 2,4-Dimethylphenol	7.54	122	596520	46.10	ng	96
28) bis(2-Chloroethoxy)methane	7.62	93	904047	54.40	ng	99
29) 2,4-Dichlorophenol	7.73	162	596886	54.47	ng	90
30) 1,2,4-Trichlorobenzene	7.80	180	599618	49.94	ng	95
31) Naphthalene	7.88	128	2113720	55.92	ng	99
32) Benzoic acid	7.71	122	357372	37.24	ng	96
33) 4-Chloroaniline	7.94	127	162761	9.55	ng	98
34) Hexachlorobutadiene	7.99	225	310732	49.03	ng	99
35) Caprolactam	8.32	113	157667m	43.79	ng	
36) 4-Chloro-3-methylphenol	8.45	107	641139	50.85	ng	89
37) 2-Methylnaphthalene	8.56	142	1225886	61.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	562748	55.23	ng	99
40) Hexachlorocyclopentadiene	8.72	237	293918	65.53	ng	99

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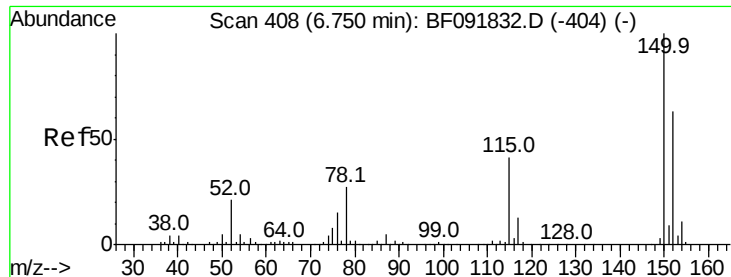
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	376388	52.82	nq	97
43) 2,4,5-Trichlorophenol	8.91	196	377061	51.42	nq	98
45) 1,1'-Biphenyl	9.03	154	1620035	58.67	nq	99
46) 2-Chloronaphthalene	9.06	162	1227907	56.16	nq	97
47) 2-Nitroaniline	9.16	65	367338	47.18	nq	97
48) Acenaphthylene	9.46	152	1700804	50.58	nq	99
49) Dimethylphthalate	9.34	163	1333338	51.70	nq	98
50) 2,6-Dinitrotoluene	9.41	165	340433	60.30	nq	# 84
51) Acenaphthene	9.64	154	1140985	50.05	nq	99
52) 3-Nitroaniline	9.57	138	171077	24.49	nq	97
53) 2,4-Dinitrophenol	9.70	184	253071	80.57	nq	# 91
54) Dibenzofuran	9.81	168	1544607	50.17	nq	91
55) 4-Nitrophenol	9.78	139	324781m	68.47	nq	
56) 2,4-Dinitrotoluene	9.81	165	338468	47.77	nq	86
57) Fluorene	10.14	166	1078829	48.16	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	324126	55.89	nq	93
59) Diethylphthalate	10.04	149	1288844	51.45	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	500442	51.02	nq	93
61) 4-Nitroaniline	10.19	138	312372	43.15	nq	92
62) Azobenzene	10.30	77	1518490	55.06	nq	95
64) 4,6-Dinitro-2-methylphenol	10.22	198	182333	50.63	nq	73
65) n-Nitrosodiphenylamine	10.27	169	1054176	59.65	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	366903	59.22	nq	# 77
67) Hexachlorobenzene	10.69	284	337782	51.01	nq	# 86
68) Atrazine	10.80	200	363732	63.80	nq	98
69) Pentachlorophenol	10.90	266	296024	91.10	nq	99
70) Phenanthrene	11.10	178	1732825	53.66	nq	99
71) Anthracene	11.15	178	1559745	63.03	nq	99
72) Carbazole	11.32	167	1279784	51.36	nq	96
73) Di-n-butylphthalate	11.65	149	1575813	52.15	nq	99
74) Fluoranthene	12.28	202	1235847	43.49	nq	98
76) Benzidine	12.42	184	165517	22.30	nq	96
77) Pyrene	12.51	202	1344841	72.21	nq	98
79) Butylbenzylphthalate	13.14	149	572296	67.56	nq	98
80) Benzo(a)anthracene	13.69	228	935696	65.30	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	197596	36.37	nq	# 96
82) Chrysene	13.73	228	908240	63.19	nq	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	714622	71.64	nq	# 95
84) Di-n-octyl phthalate	14.31	149	1163366	62.96	nq	98
85) Indeno(1,2,3-cd)pyrene	16.29	276	1466110	117.75	nq	97
87) Benzo(b)fluoranthene	14.69	252	972589m	37.78	nq	
88) Benzo(k)fluoranthene	14.71	252	955980m	43.55	nq	
89) Benzo(a)pyrene	15.00	252	1190376	52.10	nq	# 97
90) Dibenzo(a,h)anthracene	16.30	278	1199718	63.89	nq	# 95
91) Benzo(g,h,i)perylene	16.66	276	1298390	66.49	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092313.D

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Instrument :

BNA_F

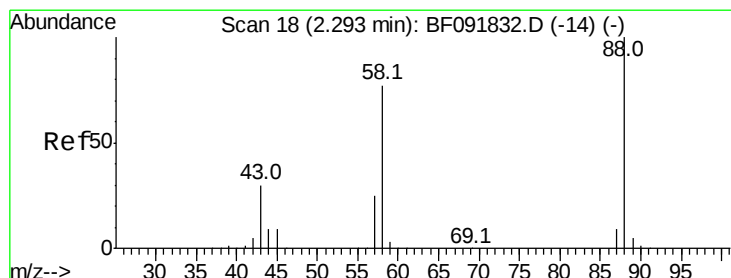
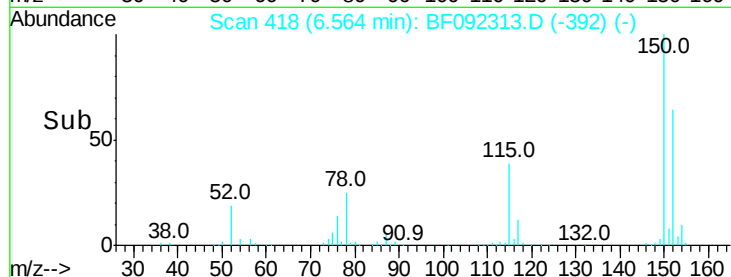
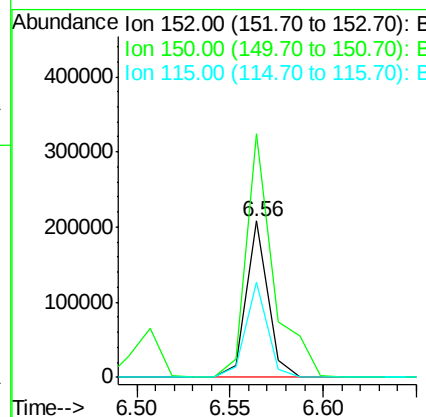
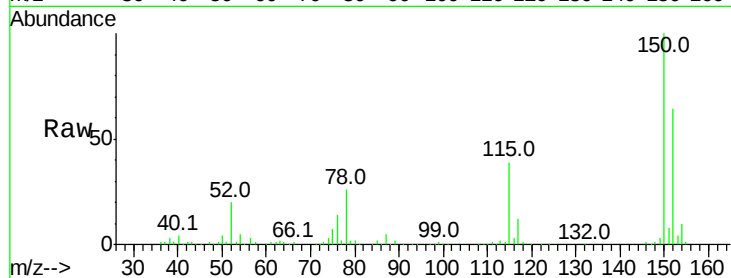
ClientSampleId :

TOD-WCS-011217MS

Tot Ion:	152	Resp:	170027
Ion Ratio	Lower	Upper	
152	100		
150	155.5	124.9	187.3
115	60.5	46.0	69.0

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#2

1,4-Dioxane

Concen: 48.29 ng

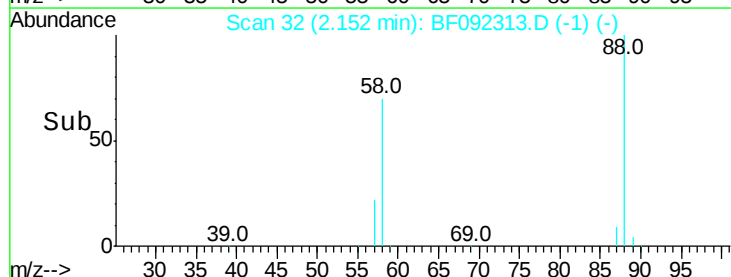
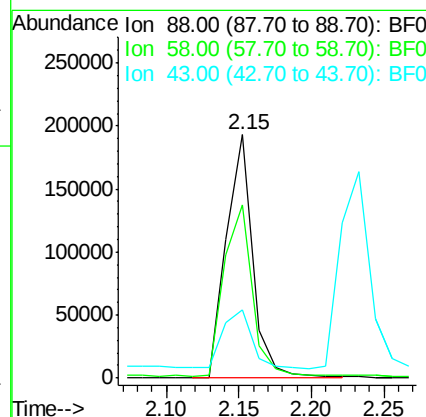
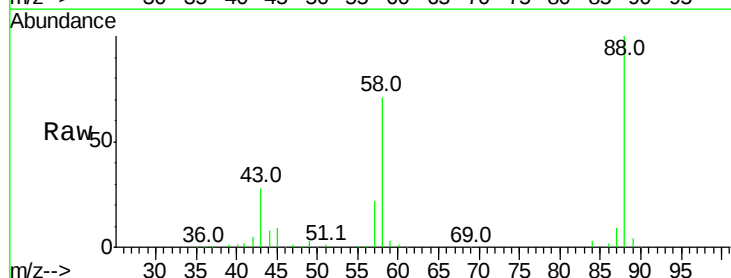
RT: 2.15 min Scan# 32

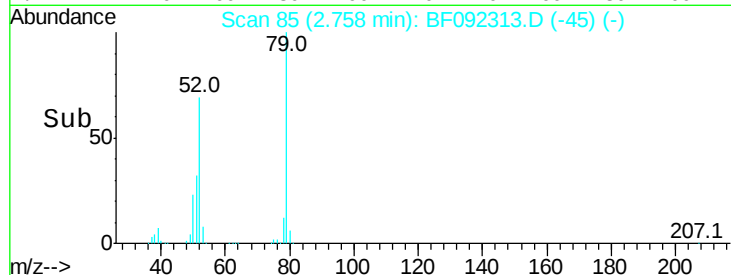
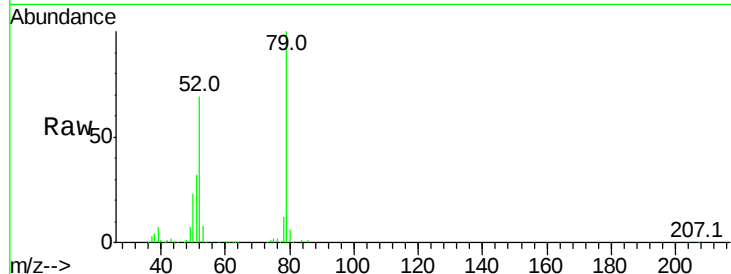
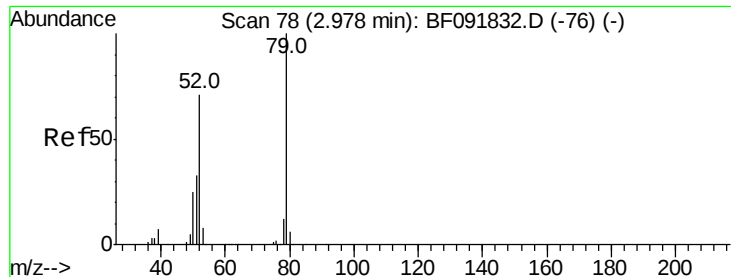
Delta R.T. 0.17 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:	88	Resp:	242091
Ion Ratio	Lower	Upper	
88	100		
58	75.0	57.8	86.8
43	0.0	22.3	33.5#





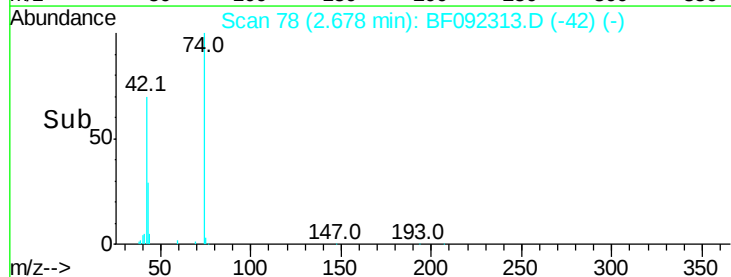
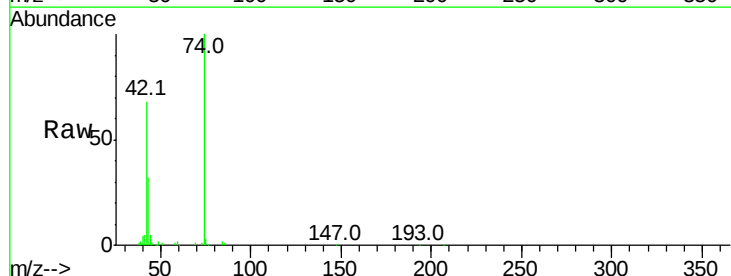
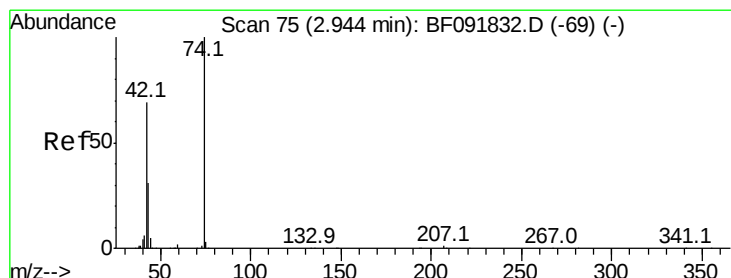
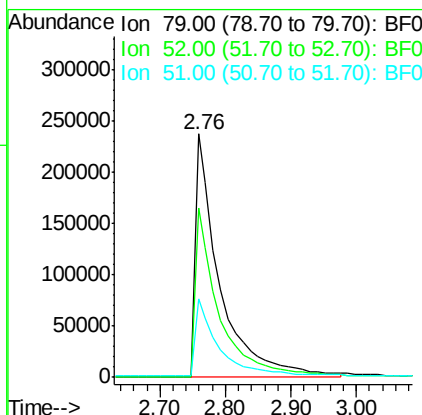
#3
Pvridine
Concen: 35.62 ng/ml
RT: 2.76 min Scan# 85
Delta R.T. 0.16 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.4	57.1	85.7
51	32.3	27.3	40.9

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TOD-WCS-011217MS

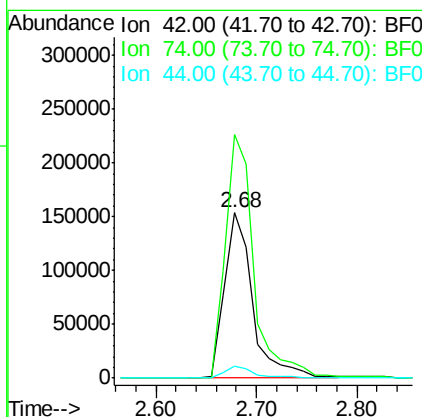
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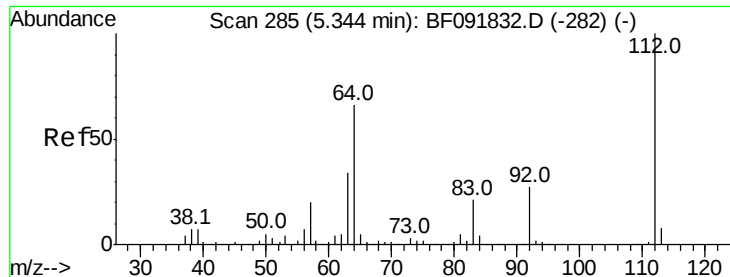
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#4
n-Nitrosodimethylamine
Concen: 44.83 ng/ml
RT: 2.68 min Scan# 78
Delta R.T. 0.11 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.1	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 138.47 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:112 Resp: 1410003

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

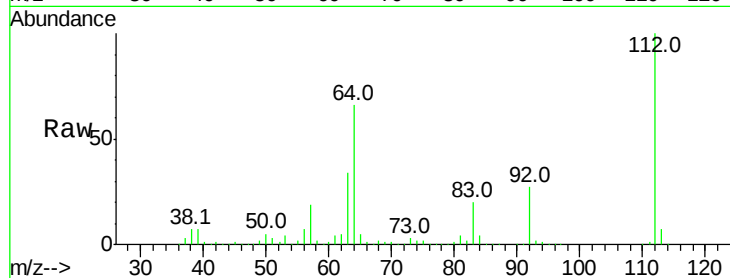
63 33.5 23.8 35.6

Manual Integrations

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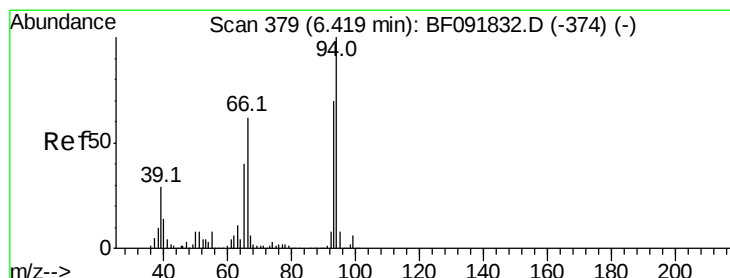
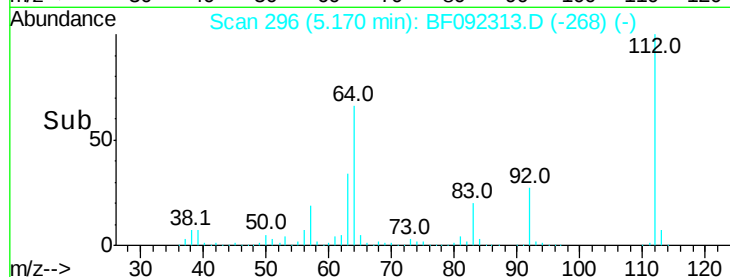
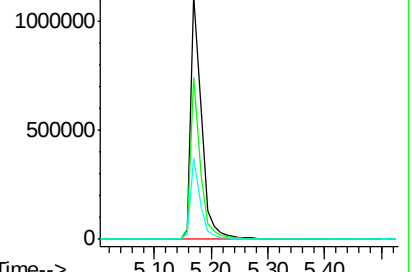
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.01 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

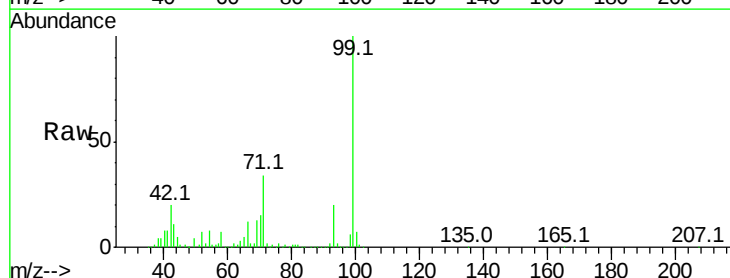
Tgt Ion: 93 Resp: 290844

Ion Ratio Lower Upper

93 100

66 61.2 76.2 114.2#

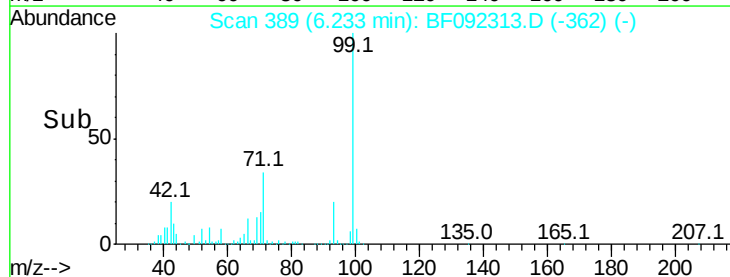
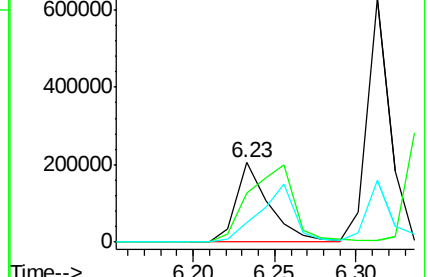
65 24.6 49.3 73.9#

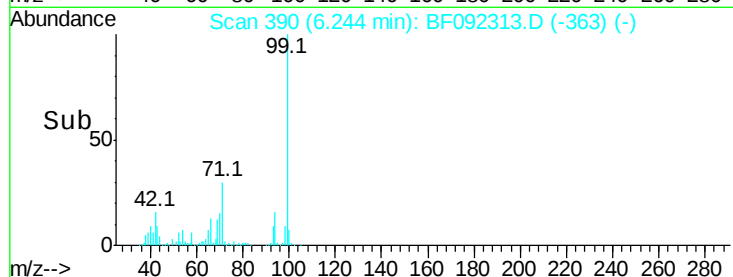
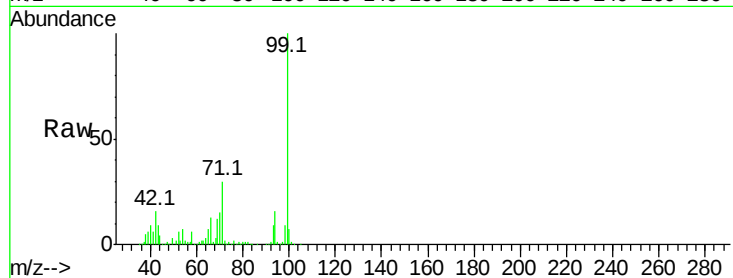
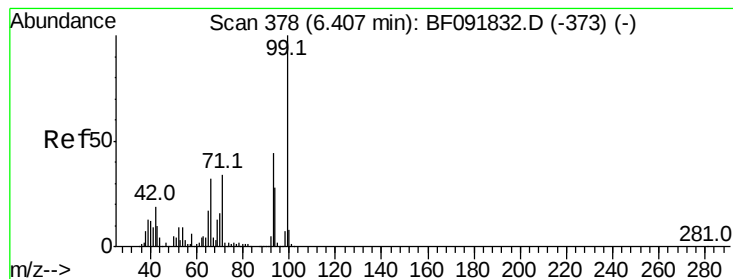


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.43 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tot Ion: 99 Resp: 1745888

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 30.1 27.5 41.3

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BNA_F

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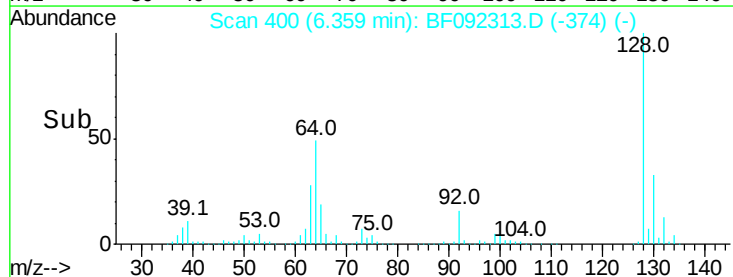
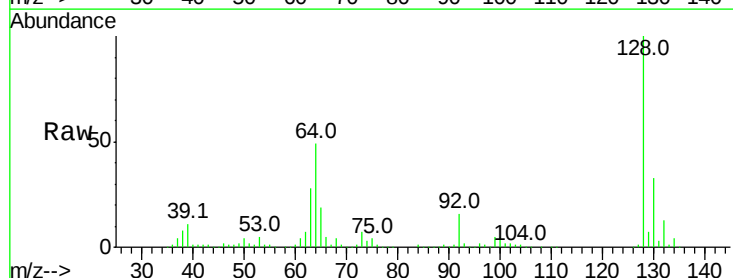
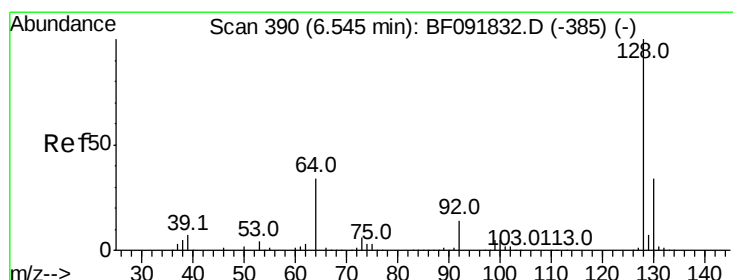
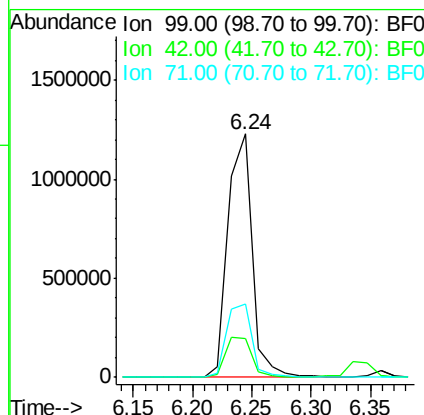
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#8

2-Chlorophenol

Concen: 50.94 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

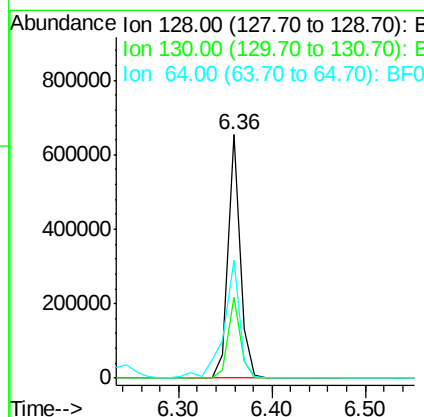
Tgt Ion:128 Resp: 590005

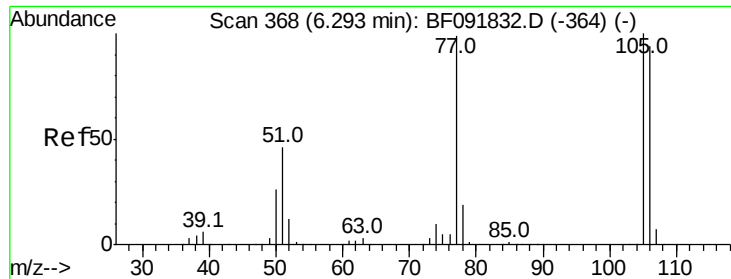
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 48.6 32.2 72.2





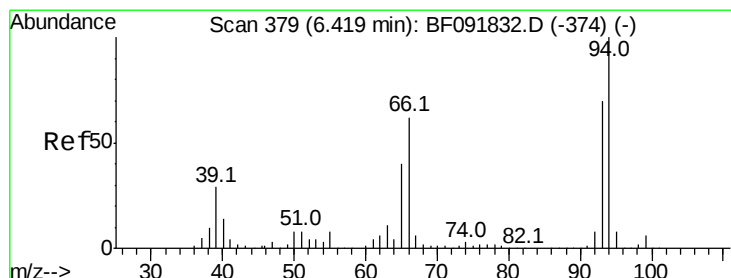
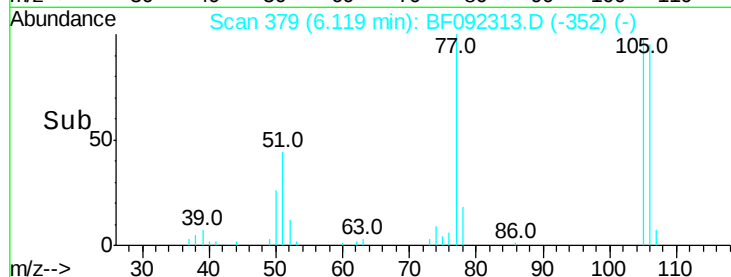
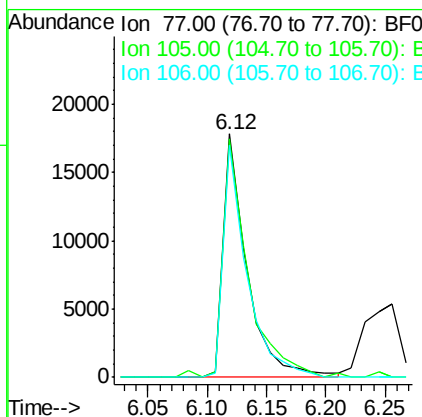
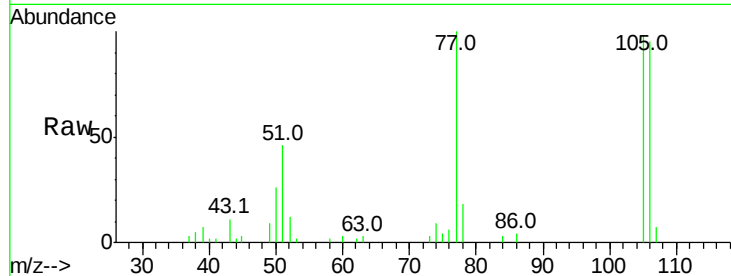
#9
Benzaldehyde
Concen: 2.44 ng
RT: 6.12 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion: 77 Resp: 24731
Ion Ratio Lower Upper
77 100
105 97.8 83.9 123.9
106 95.2 77.6 117.6

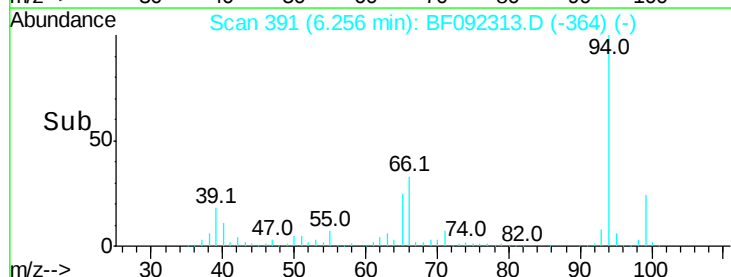
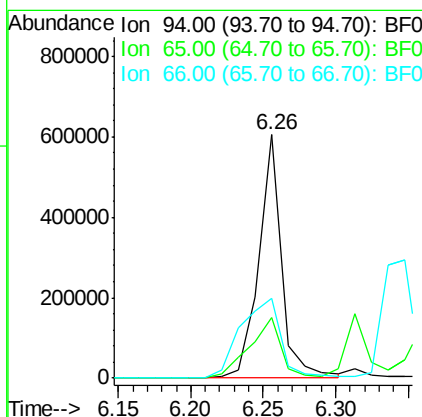
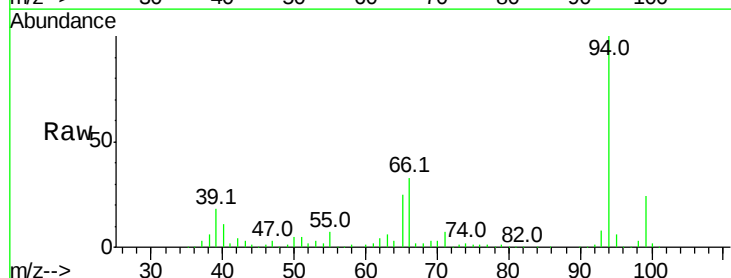
Manual Integrations
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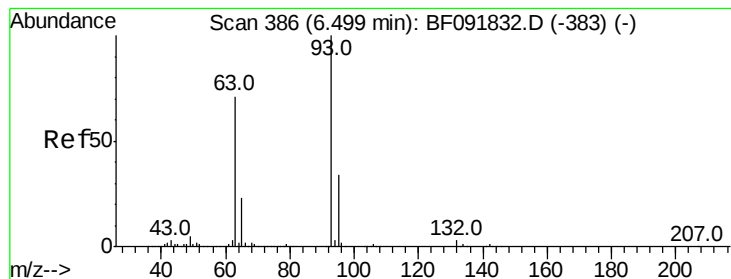
mohammad
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#10
Phenol
Concen: 46.68 ng
RT: 6.26 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion: 94 Resp: 661350
Ion Ratio Lower Upper
94 100
65 24.9 21.4 61.4
66 32.8 44.0 84.0#





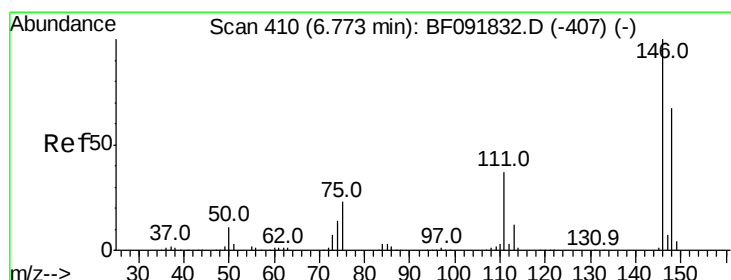
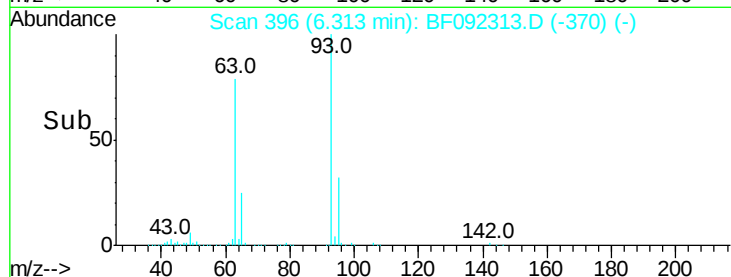
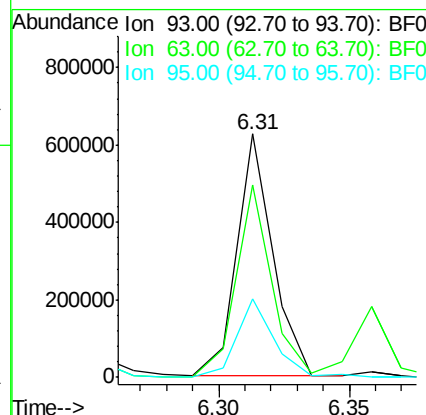
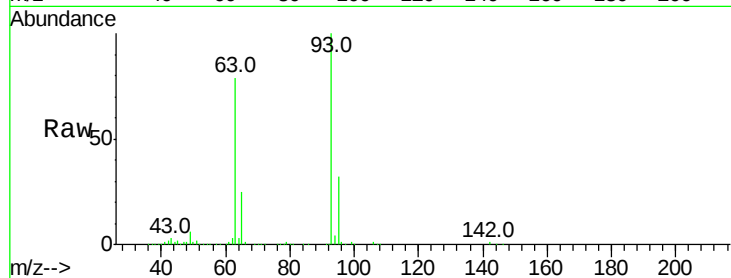
#11
bis(2-Chloroethyl)ether
Concen: 53.38 ng
RT: 6.31 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	601692		
63	79.1	60.4	100.4	
95	32.1	12.8	52.8	

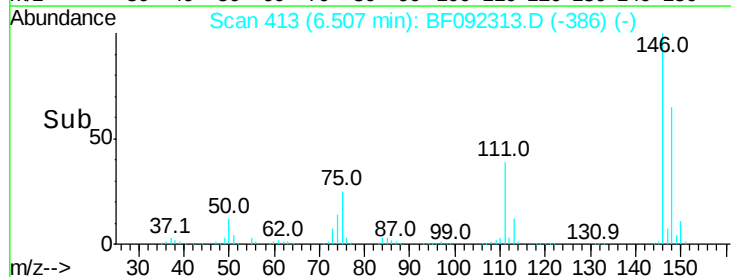
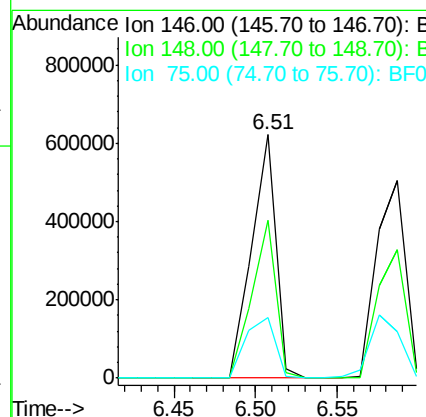
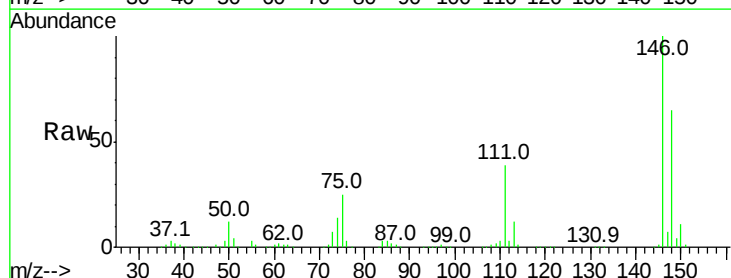
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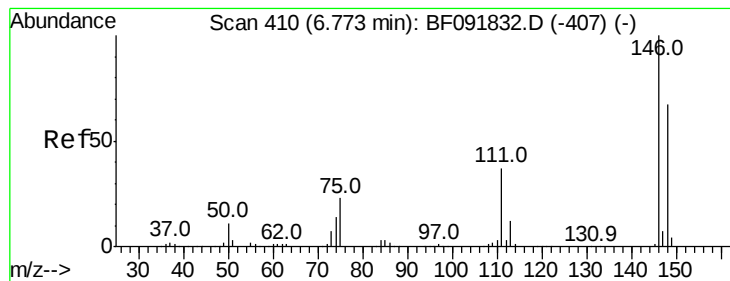
mohammad
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#12
1,3-Dichlorobenzene
Concen: 51.81 ng
RT: 6.51 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	640645		
148	64.7	53.4	80.0	
75	25.1	18.5	27.7	





#13

1,4-Dichlorobenzene

Concen: 49.91 ng

RT: 6.59 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

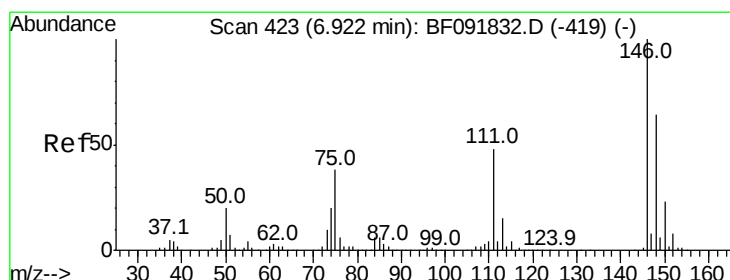
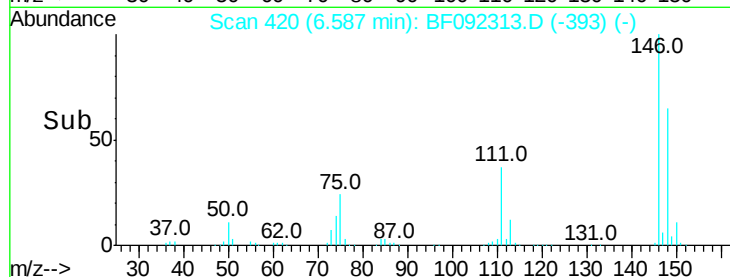
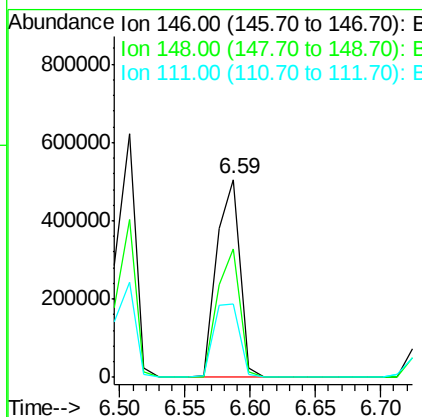
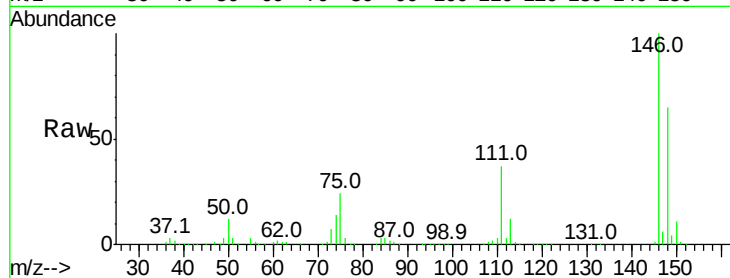
ClientSampleId :

TOD-WCS-011217MS

Tot Ion:	146	Resp:	628123
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	76.0
111	36.8	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 55.53 ng

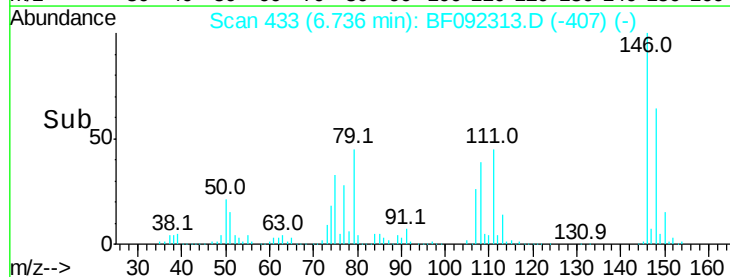
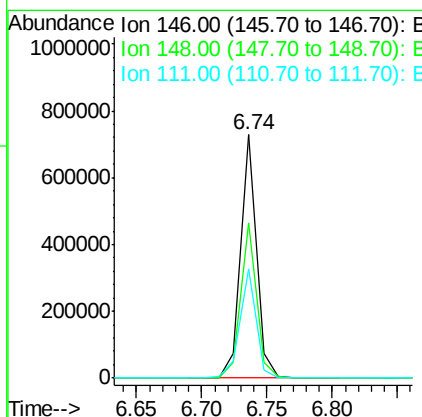
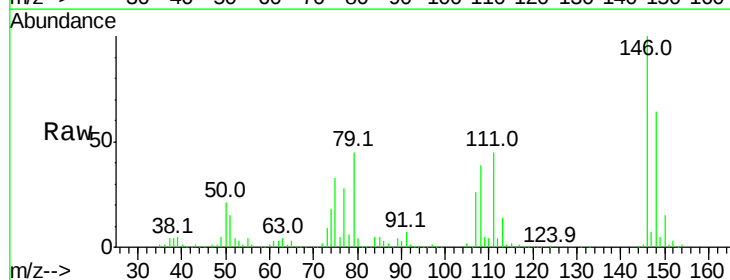
RT: 6.74 min Scan# 433

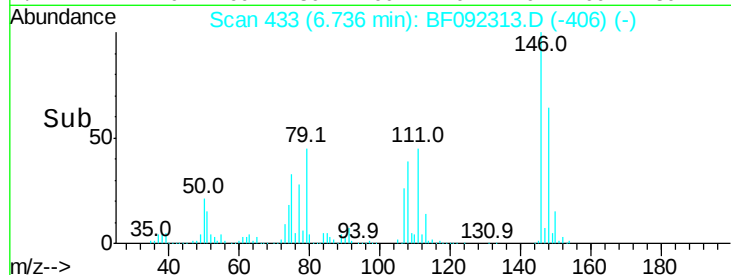
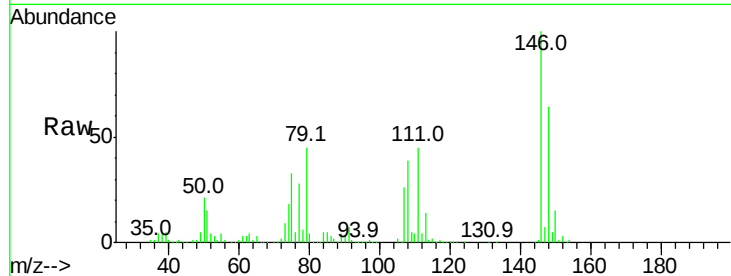
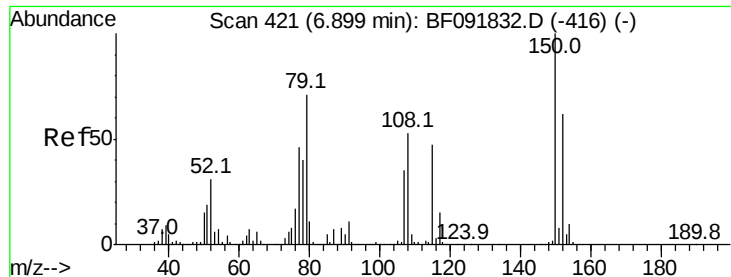
Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:	146	Resp:	606394
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	45.0	36.2	54.2





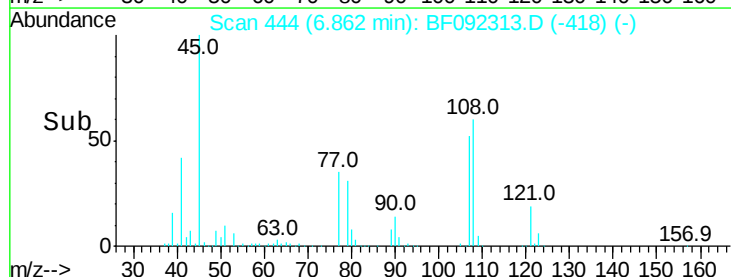
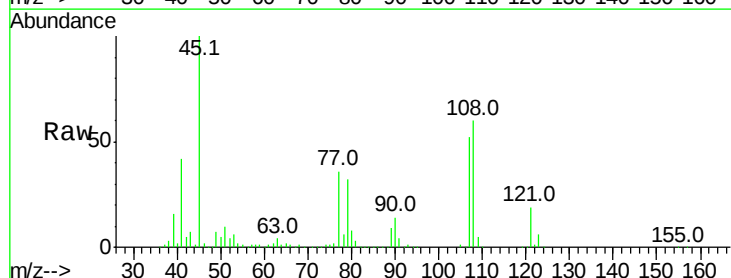
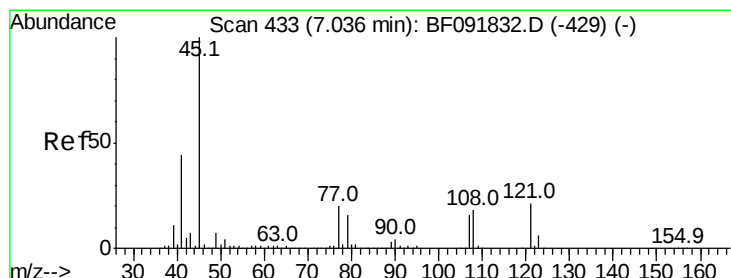
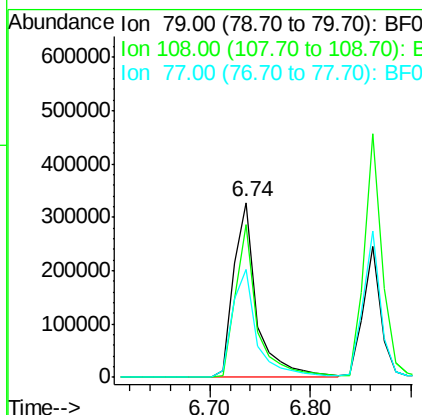
#15
Benzyl Alcohol
Concen: 55.14 ng
RT: 6.74 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.4	61.4	92.0
77	61.5	50.9	76.3

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

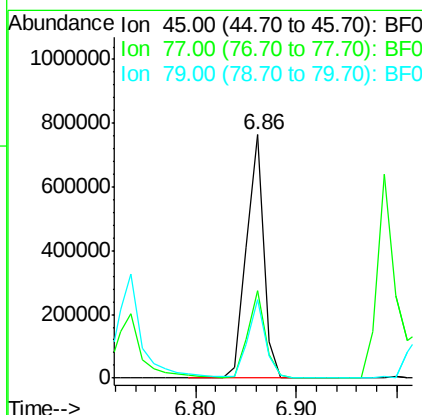
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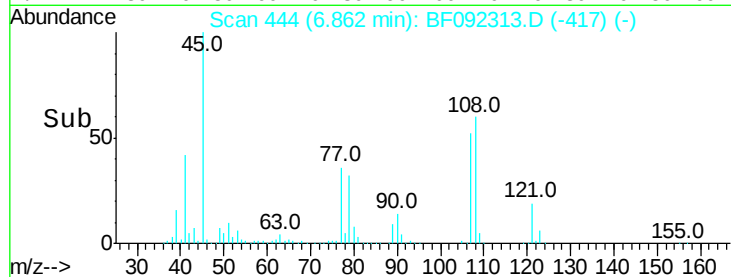
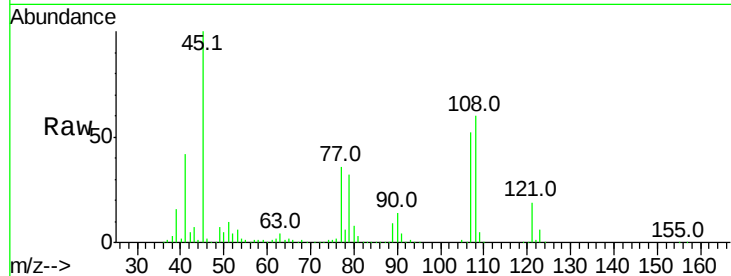
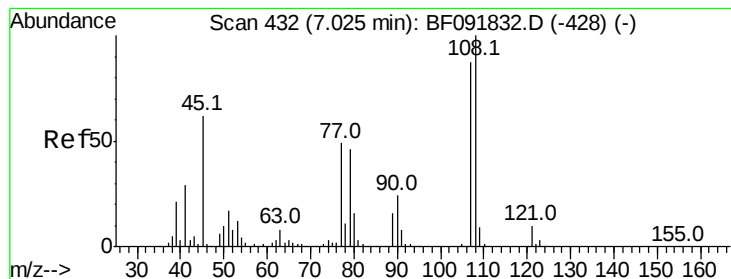
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.04 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.8	0.0	34.6#
79	32.2	0.0	31.2#





#17

2-Methylphenol

Concen: 52.31 ng

RT: 6.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	93.0	139.6	
77	68.7	39.8	59.8	
79	61.8	38.0	57.0	

Instrument :

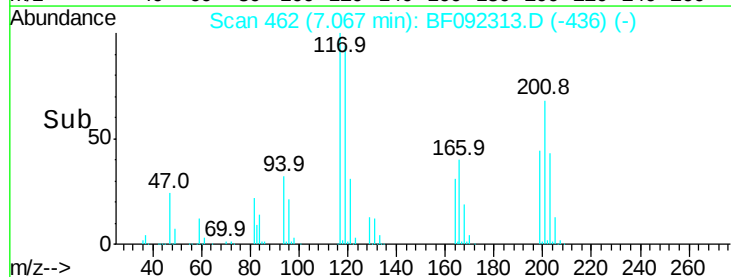
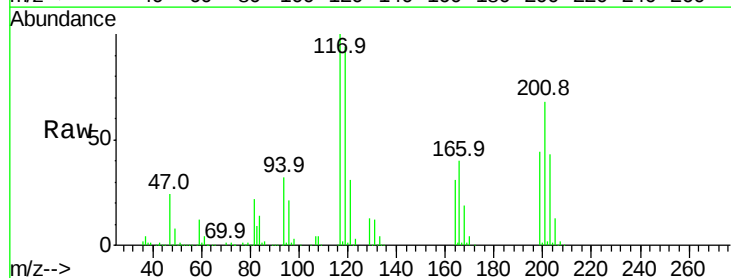
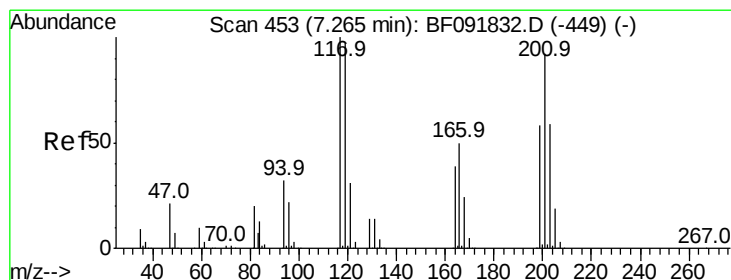
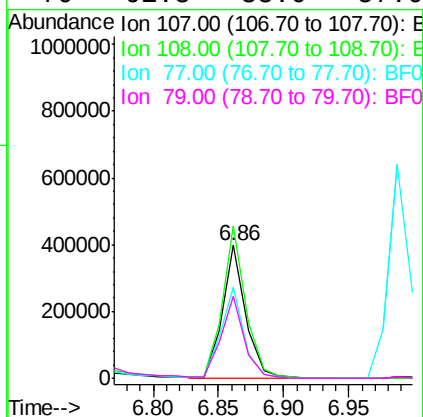
BNA_F

ClientSampleId :

TOD-WCS-011217MS

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#18

Hexachloroethane

Concen: 55.08 ng

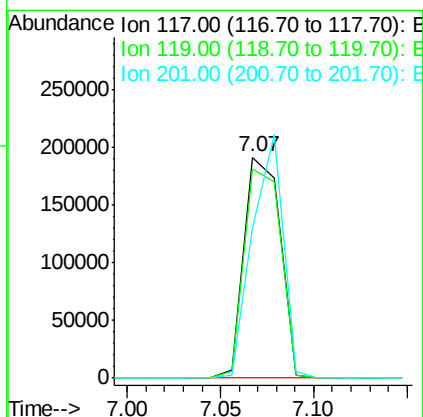
RT: 7.07 min Scan# 462

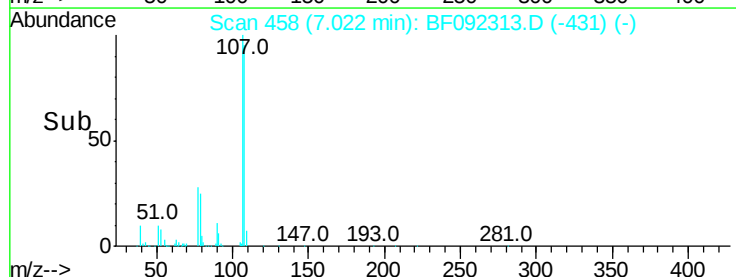
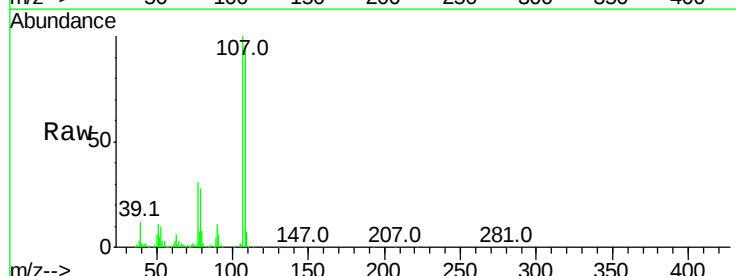
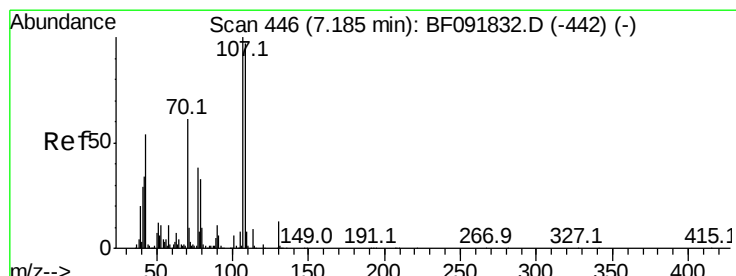
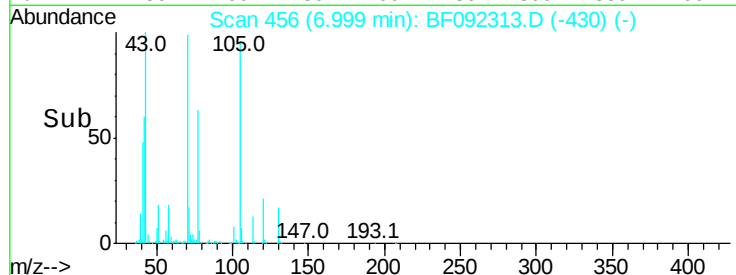
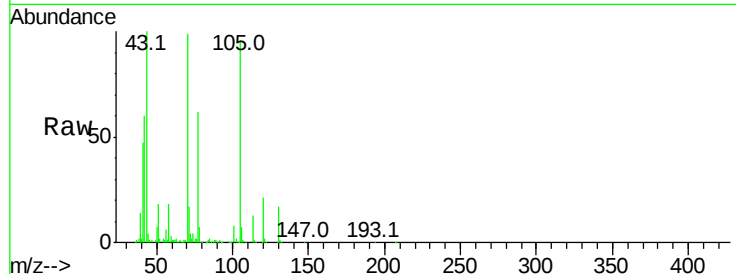
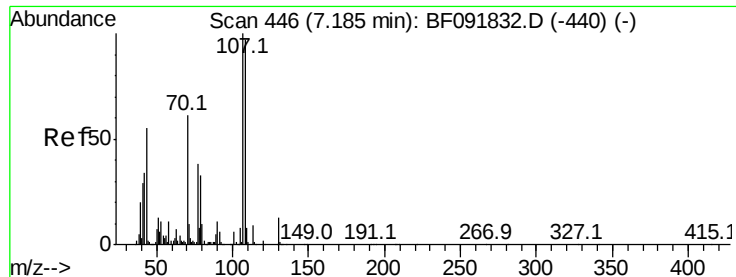
Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	78.1	117.1	
201	67.8	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 56.00 ng

RT: 7.00 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF092313.D

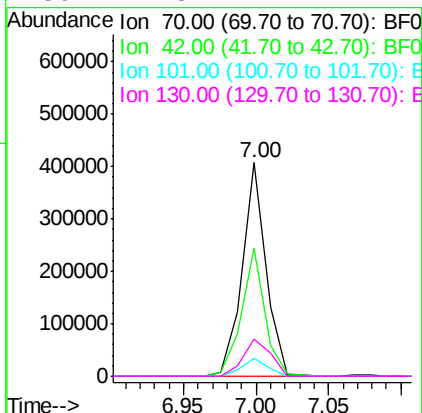
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.4	74.0
101	8.5	7.4	11.2
130	17.3	14.2	21.4

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#20

3+4-Methylphenols

Concen: 64.87 ng

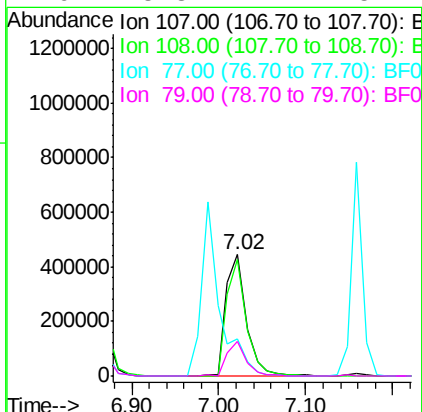
RT: 7.02 min Scan# 458

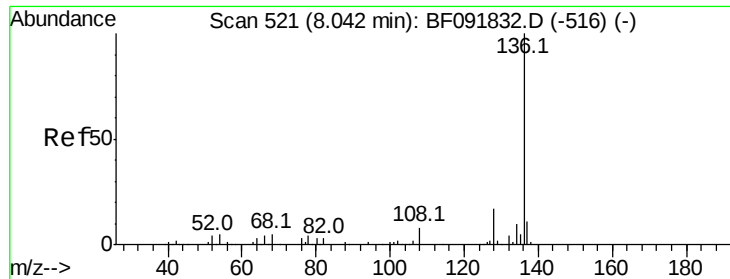
Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.0	73.0	113.0
77	31.1	71.3	111.3#
79	28.3	11.1	51.1





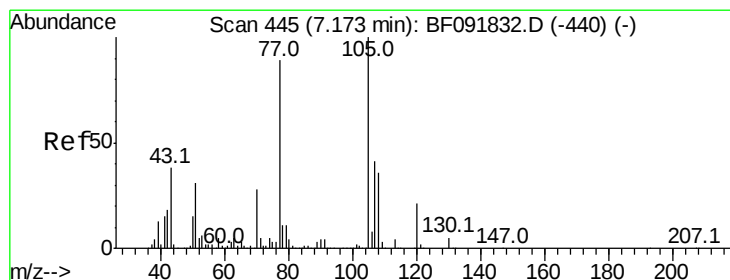
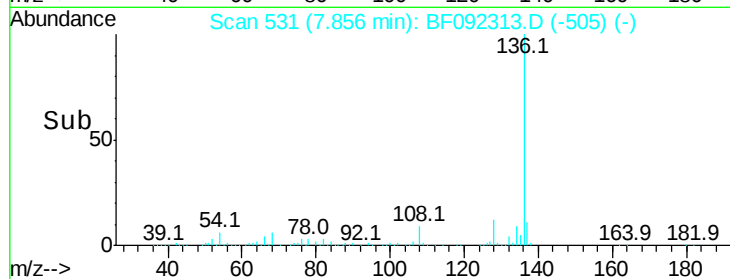
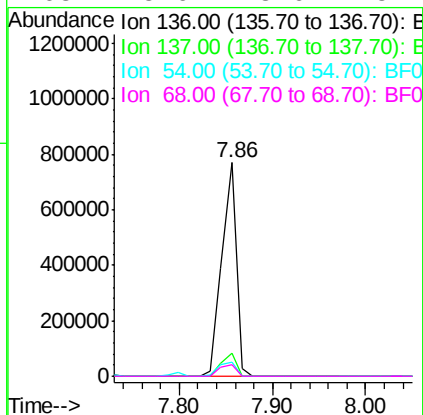
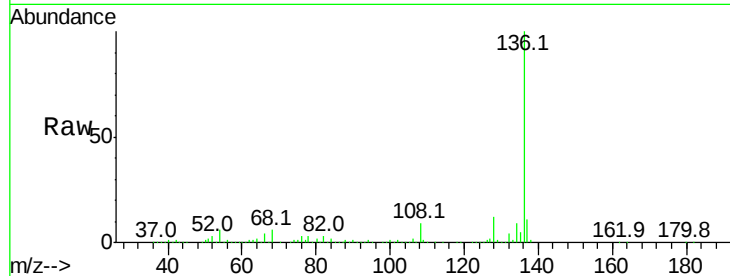
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	825944		
137	10.8		8.4	12.6
54	6.3		4.5	6.7
68	5.6		3.6	5.4#

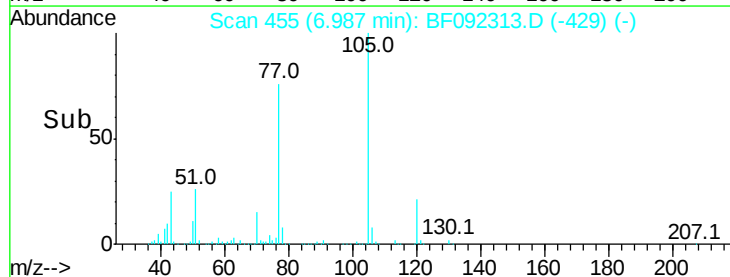
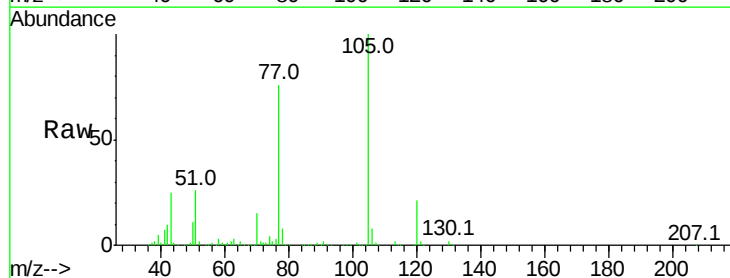
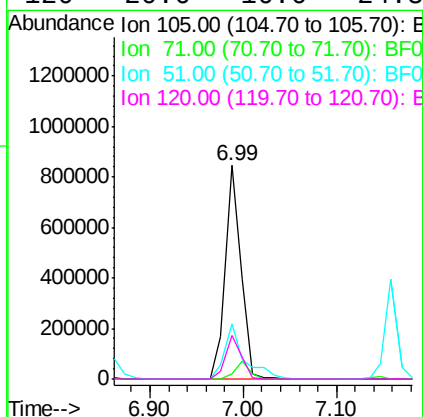
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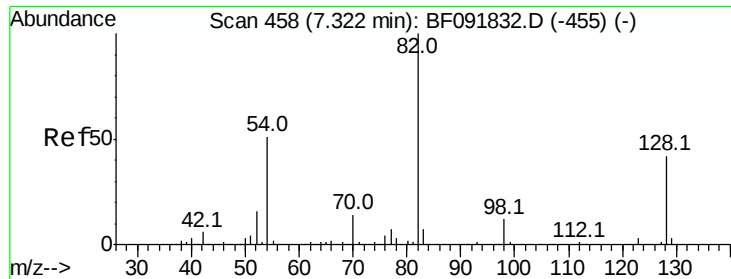
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#22
Acetophenone
Concen: 48.57 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	989417		
71	2.5		3.2	4.8#
51	25.7		26.2	39.4#
120	20.6		16.6	24.8





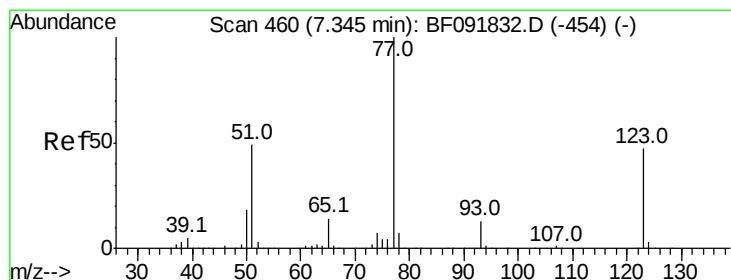
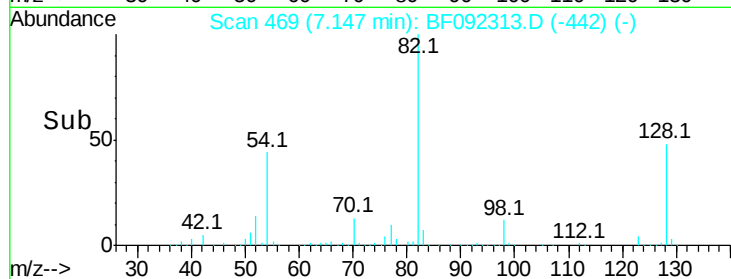
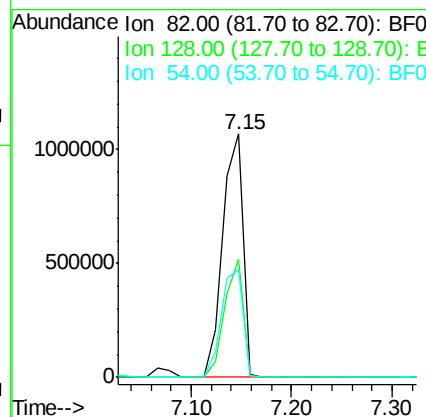
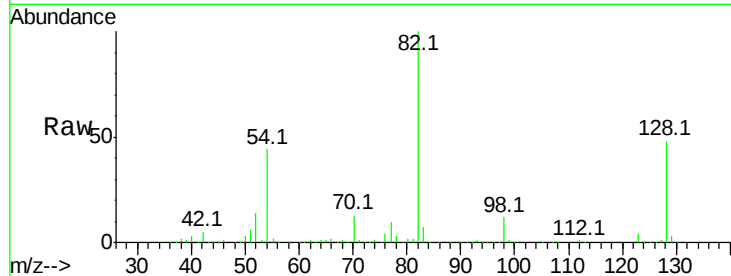
#23
 Nitrobenzene-d5
 Concen: 100.83 ng
 RT: 7.15 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.6	52.0
54	44.3	39.5	59.3

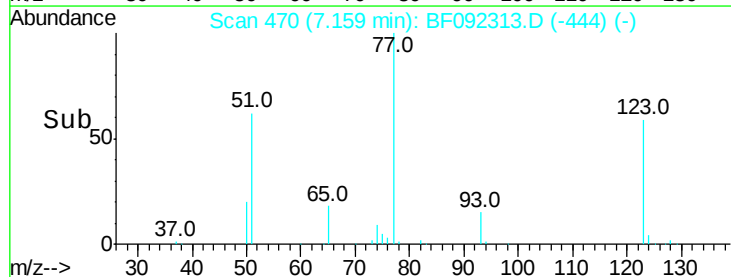
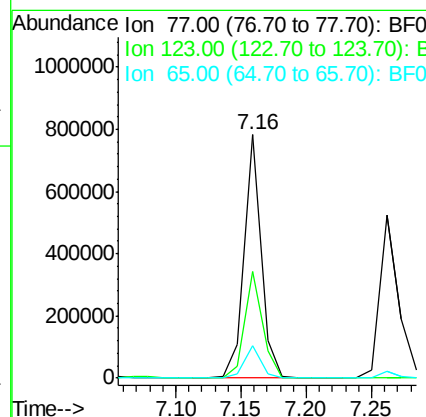
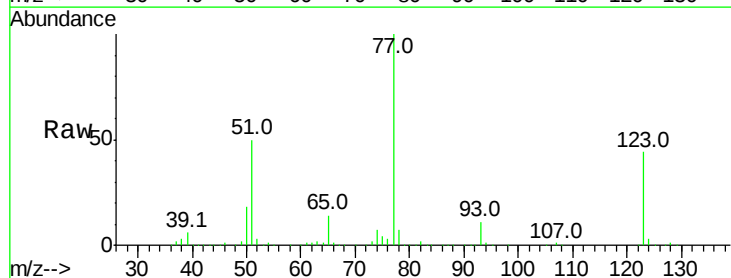
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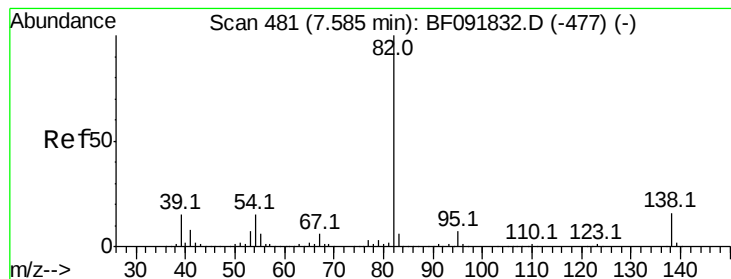
mohammad
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#24
 Nitrobenzene
 Concen: 44.26 ng
 RT: 7.16 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 52.49 ng

RT: 7.40 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion: 82 Resp: 1438466

Ion Ratio Lower Upper

82 100

95 6.0 5.6 8.4

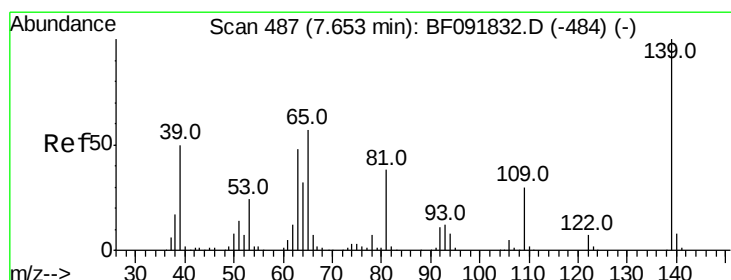
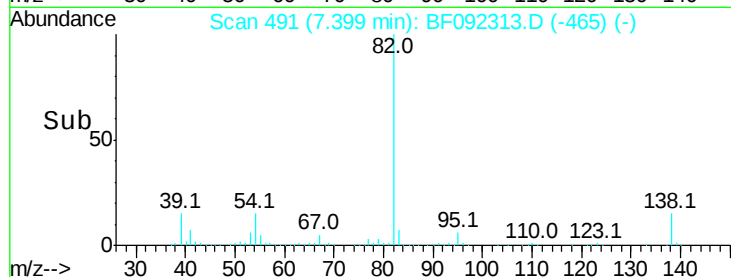
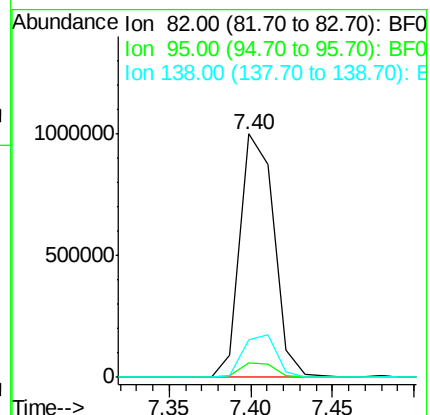
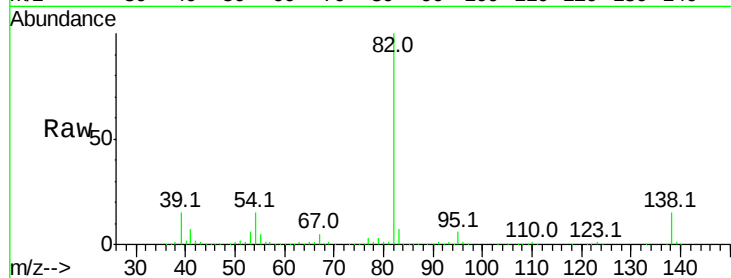
138 15.4 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 52.41 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

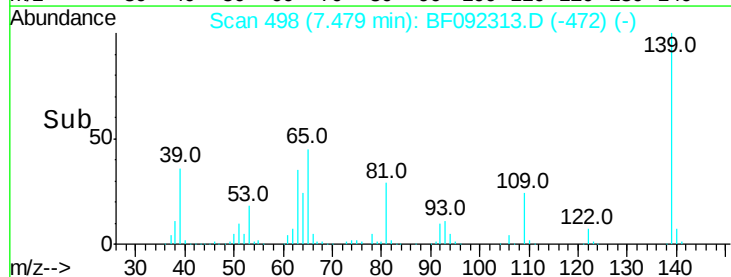
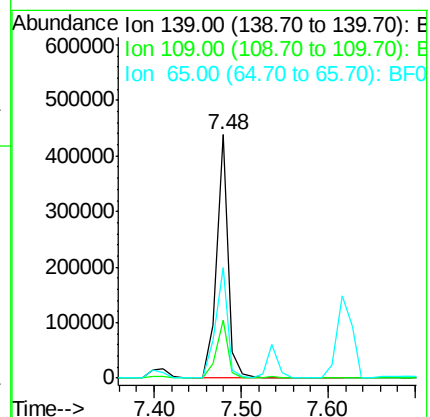
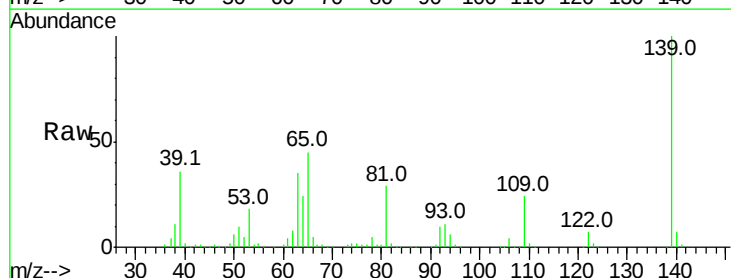
Tgt Ion:139 Resp: 408870

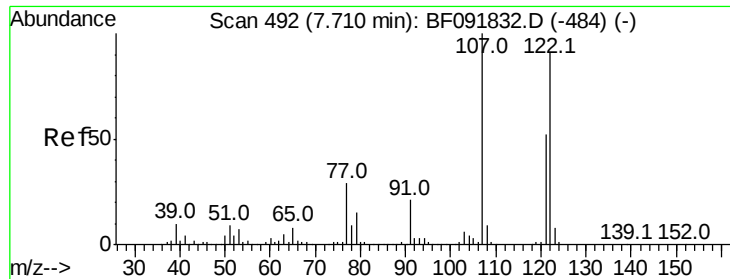
Ion Ratio Lower Upper

139 100

109 23.7 23.3 34.9

65 45.2 42.7 64.1





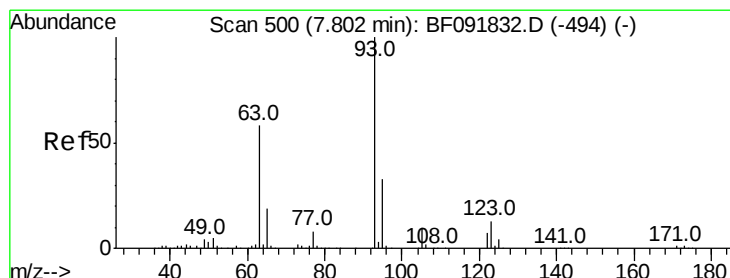
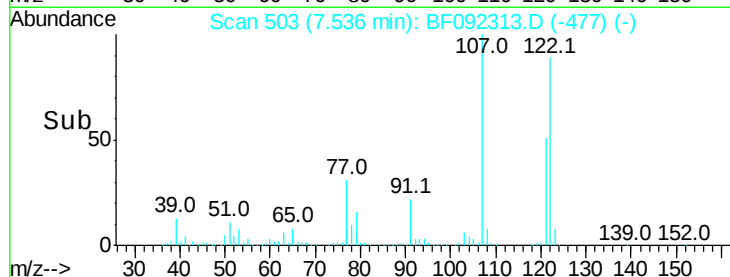
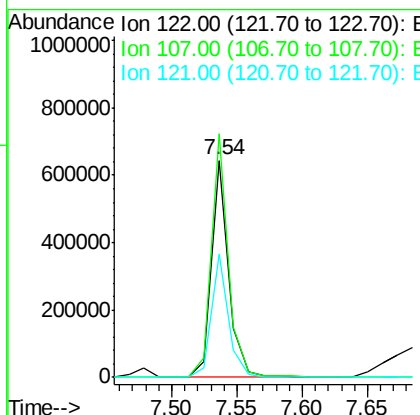
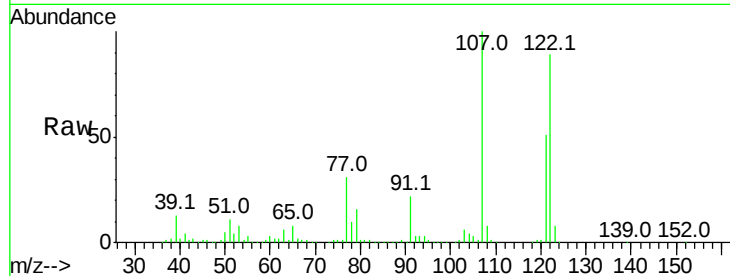
#27
2,4-Dimethylphenol
Concen: 46.10 ng
RT: 7.54 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	596520		
107	112.1	94.1	141.1	
121	56.8	46.0	69.0	

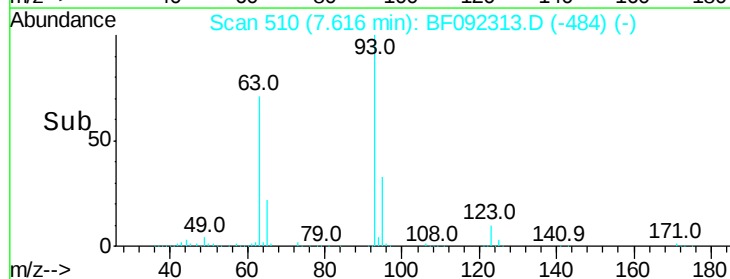
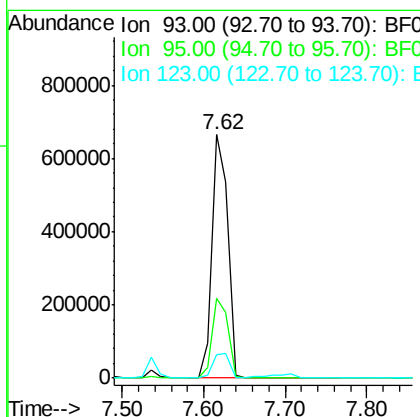
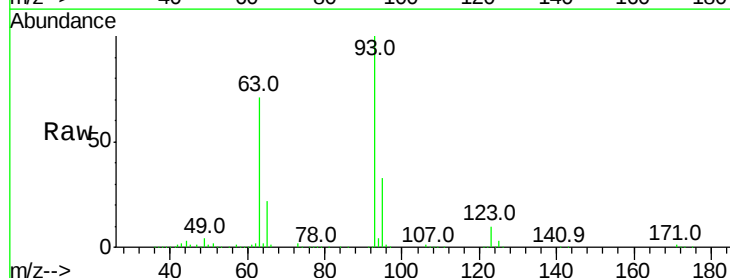
Manual Integrations
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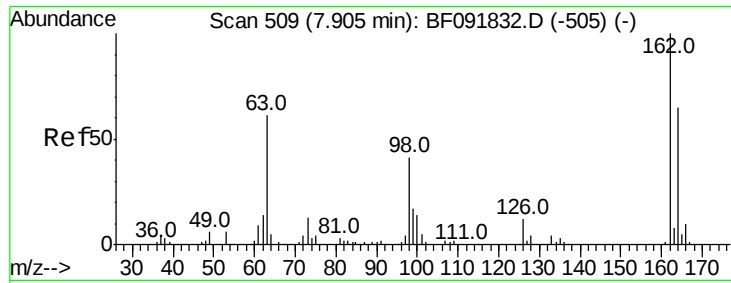
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 54.40 ng
RT: 7.62 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	904047		
95	32.8	26.5	39.7	
123	9.7	8.6	13.0	





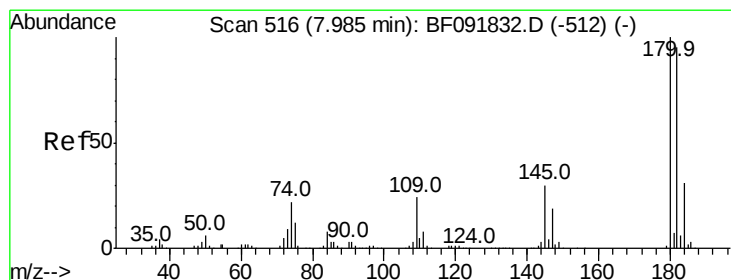
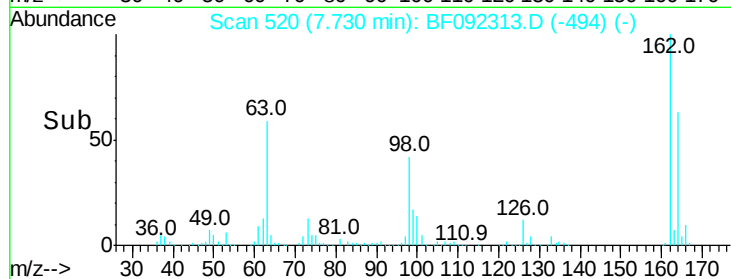
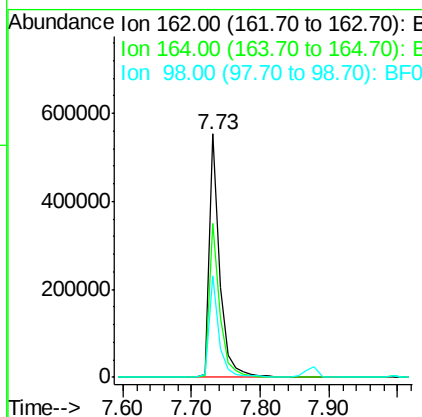
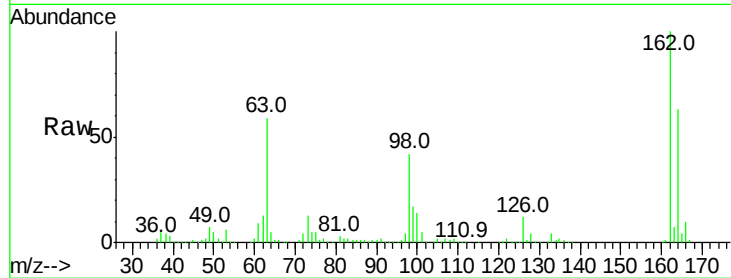
#29
 2,4-Dichlorophenol
 Concen: 54.47 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	46.8	86.8
98	41.8	9.1	49.1

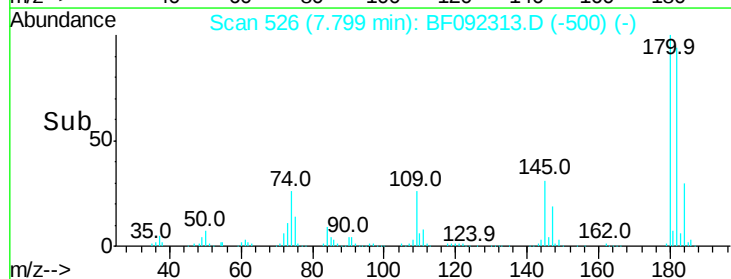
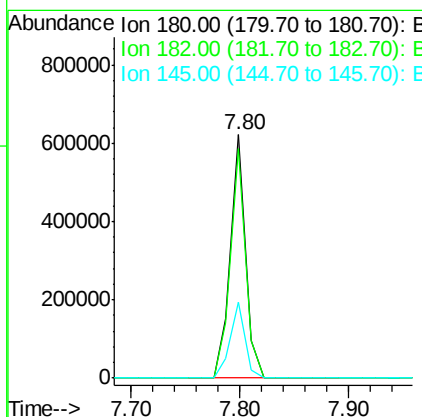
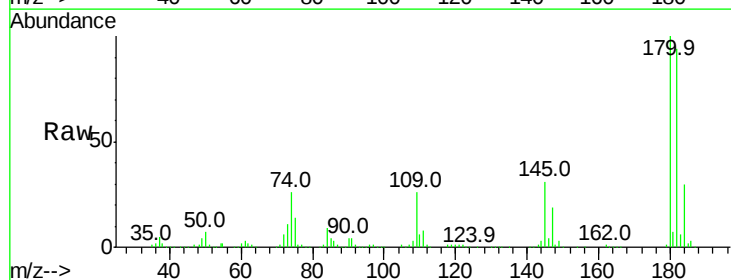
Manual Integrations
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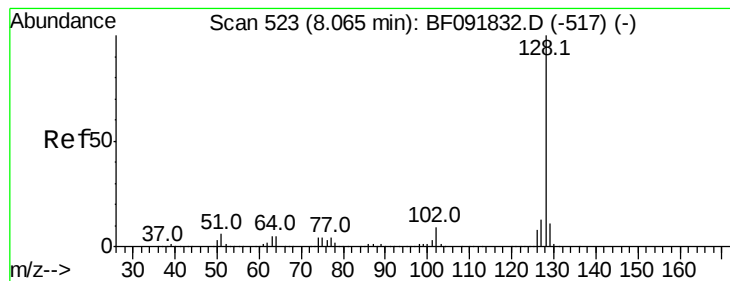
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.94 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.3	78.2	117.4
145	31.2	21.6	32.4





#31

Naphthalene

Concen: 55.92 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:128 Resp: 2113720

Ion Ratio Lower Upper

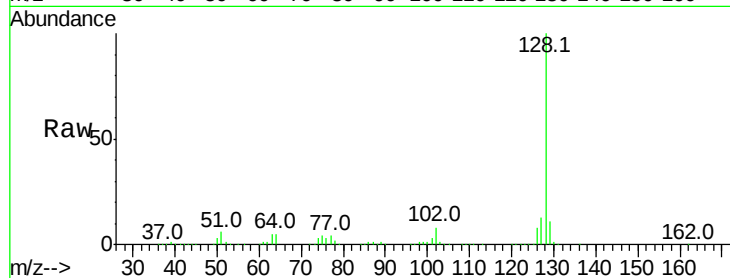
128 100

129 11.3 9.5 14.3

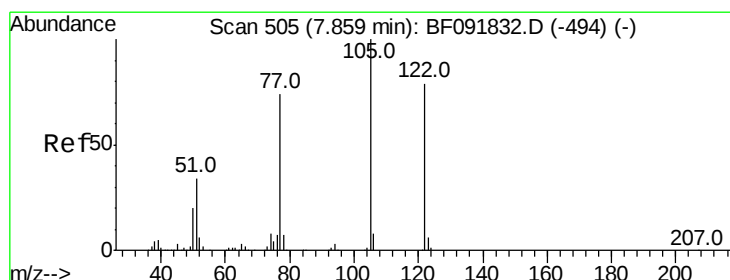
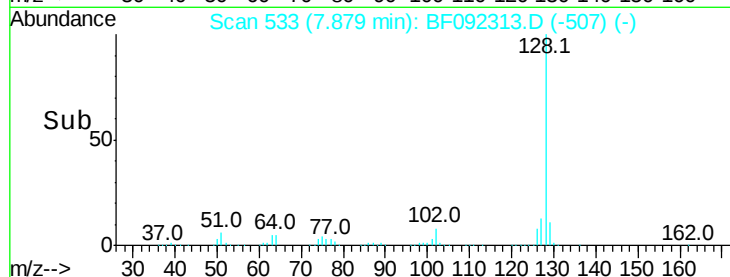
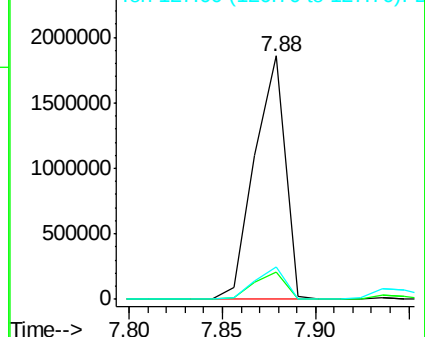
127 13.5 10.8 16.2

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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: 37.24 ng

RT: 7.71 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

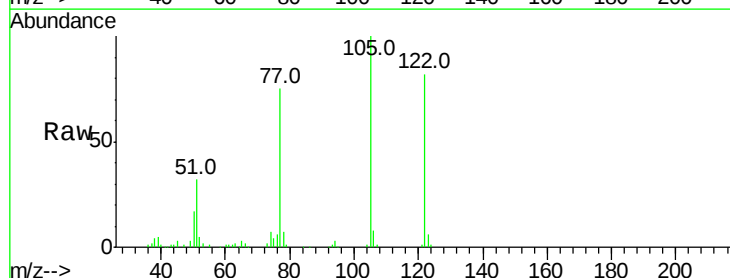
Tgt Ion:122 Resp: 357372

Ion Ratio Lower Upper

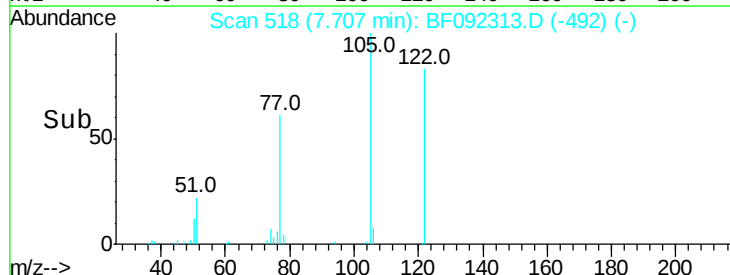
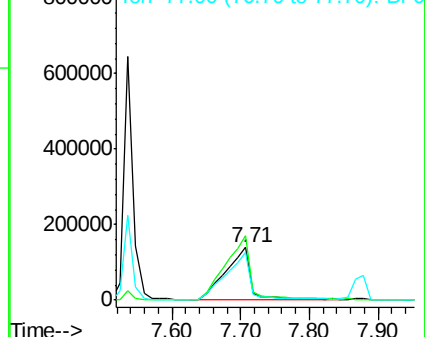
122 100

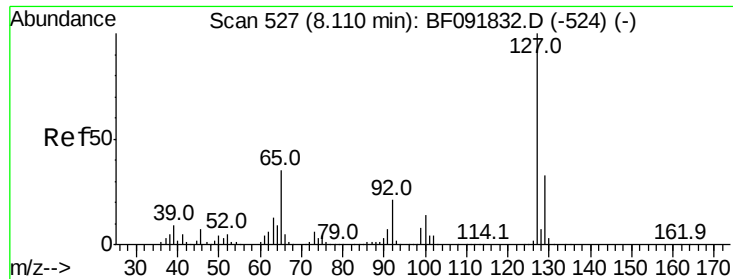
105 121.8 107.2 147.2

77 91.5 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





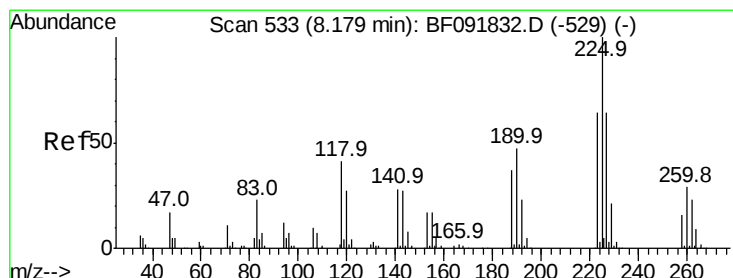
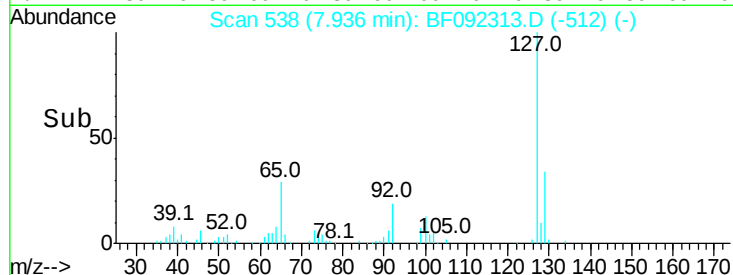
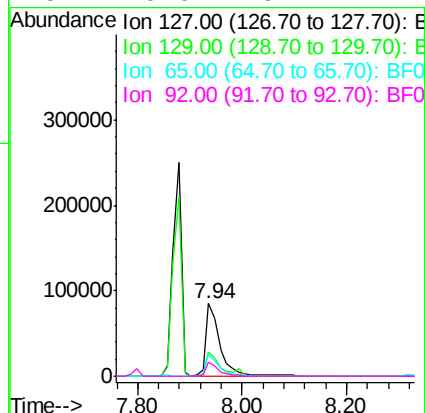
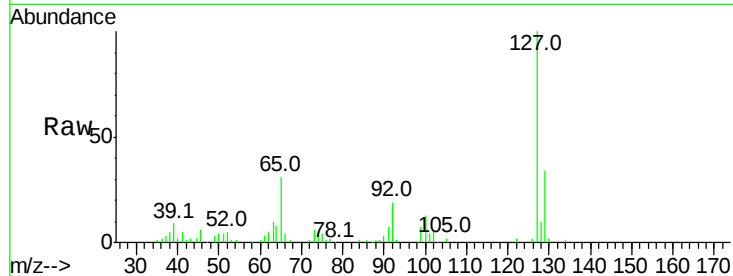
#33
4-Chloroaniline
Concen: 9.55 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	162761		
129	33.5	26.3	39.5	
65	30.7	25.8	38.8	
92	19.0	16.1	24.1	

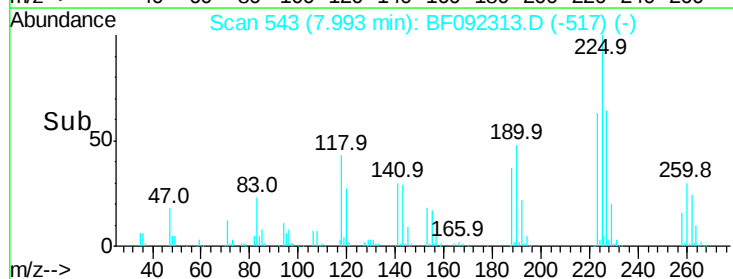
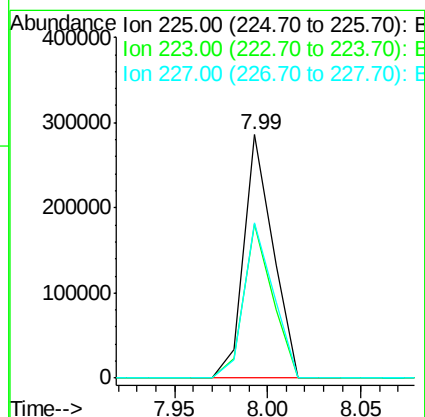
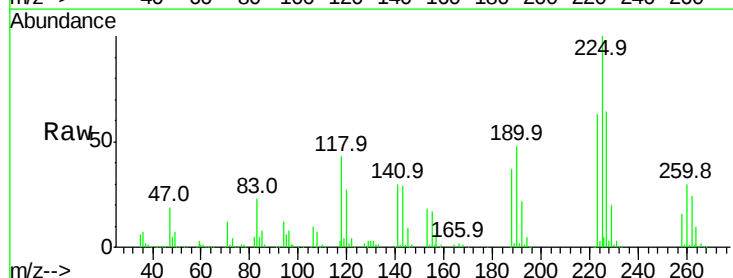
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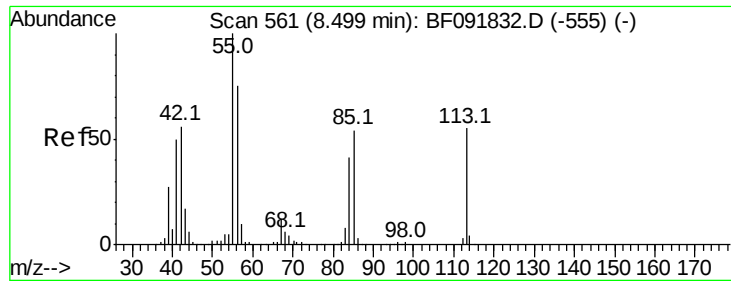
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#34
Hexachlorobutadiene
Concen: 49.03 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	310732		
223	63.4	51.0	76.6	
227	63.7	50.6	76.0	





#35

Caprolactam

Concen: 43.79 ng/mL

RT: 8.32 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

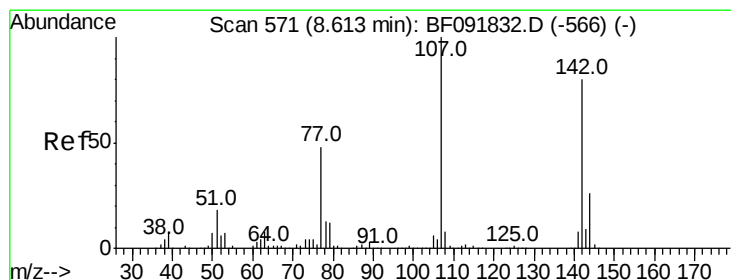
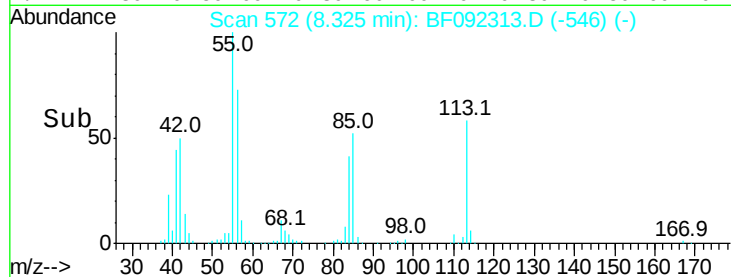
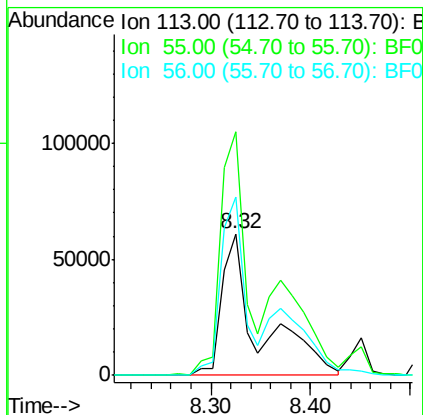
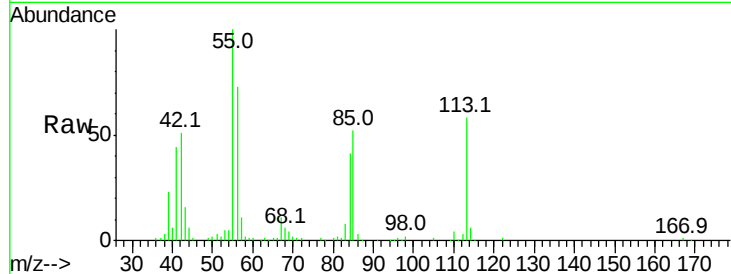
ClientSampleId :

TOD-WCS-011217MS

Tot Ion:	113	Resp:	157667
Ion Ratio	Lower	Upper	
113	100		
55	171.9	119.2	159.2#
56	125.5	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 50.85 ng/mL

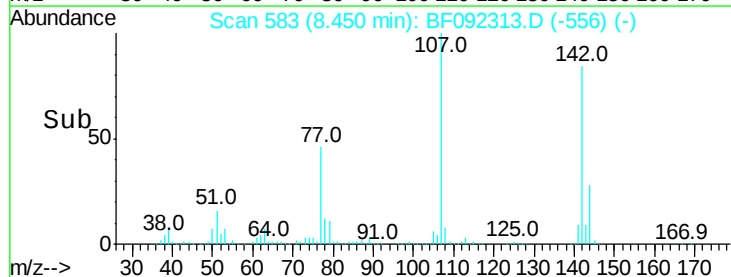
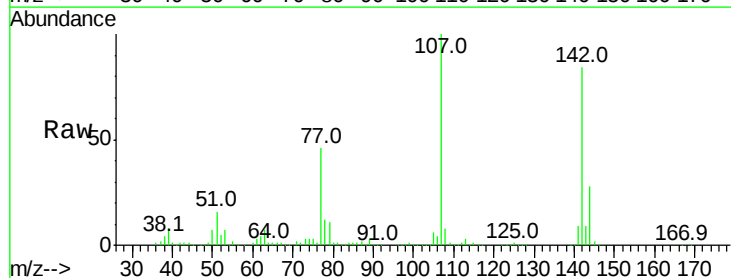
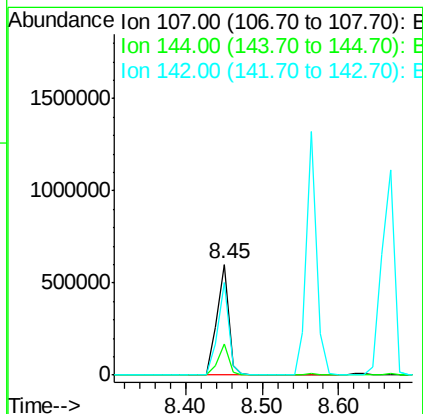
RT: 8.45 min Scan# 583

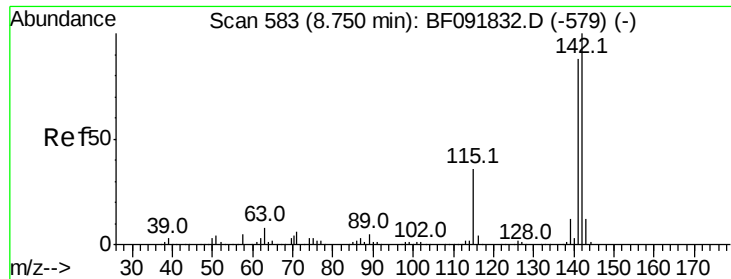
Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:	107	Resp:	641139
Ion Ratio	Lower	Upper	
107	100		
144	27.7	19.3	28.9
142	83.7	59.0	88.6





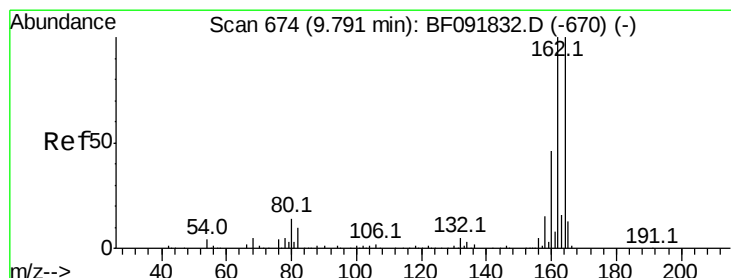
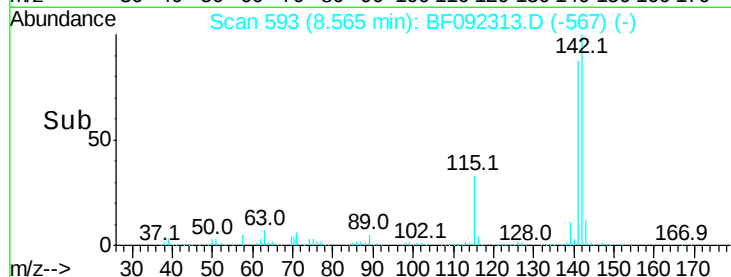
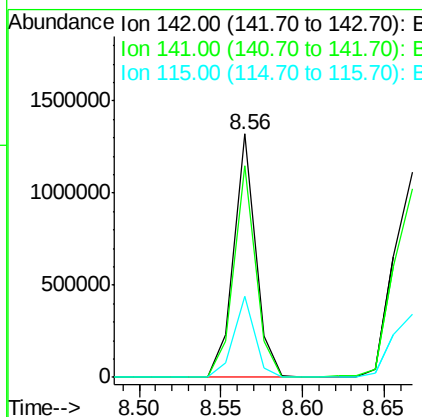
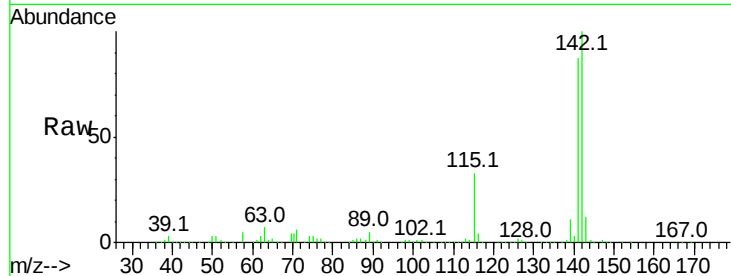
#37
2-Methylnaphthalene
Concen: 61.74 ng
RT: 8.56 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.0	106.6
115	33.3	28.3	42.5

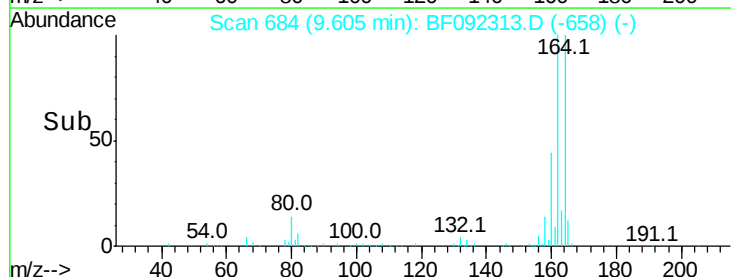
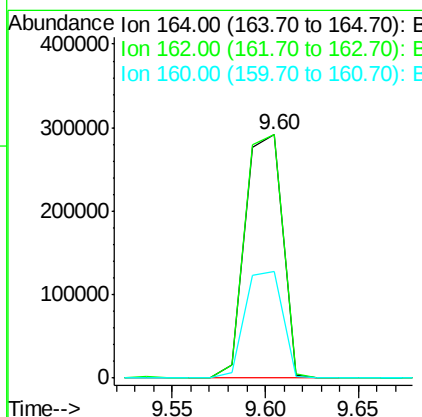
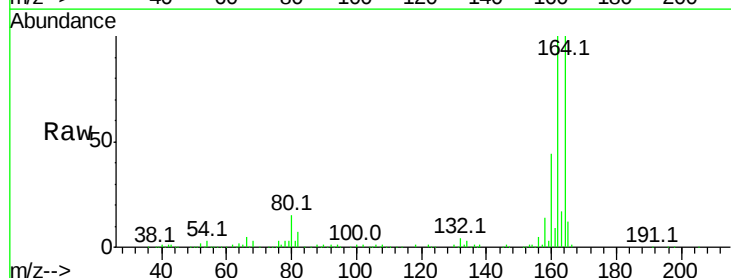
Manual Integrations
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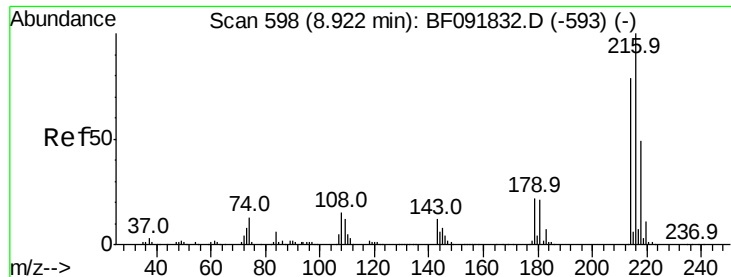
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.23 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

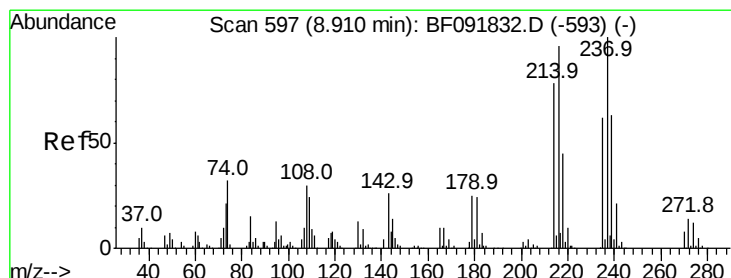
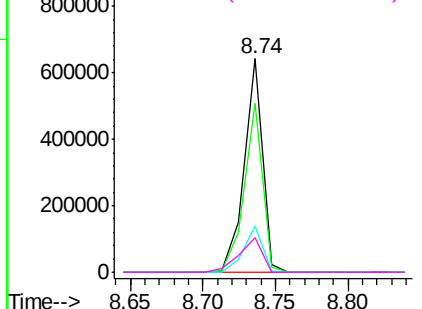
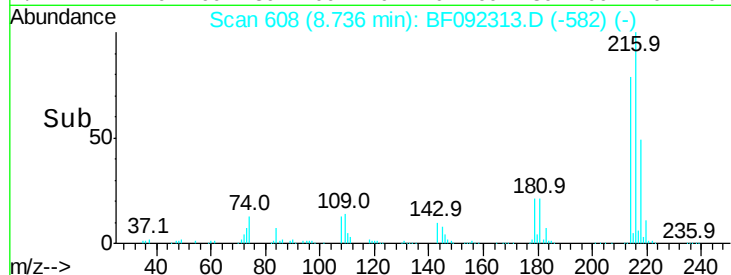
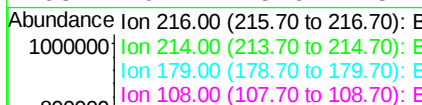
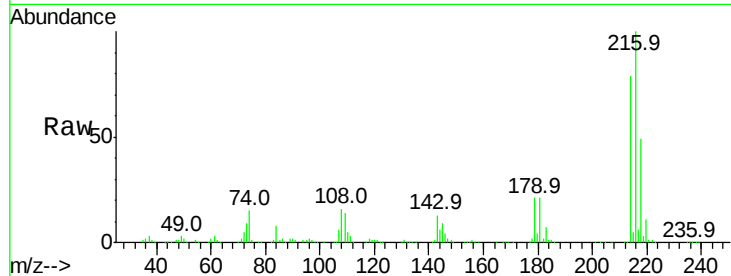
ClientSampleId :

TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	562748		
214	79.3		63.4	95.0
179	22.2		17.4	26.2
108	20.7		15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 65.53 ng

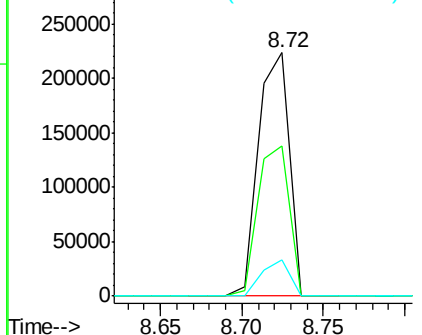
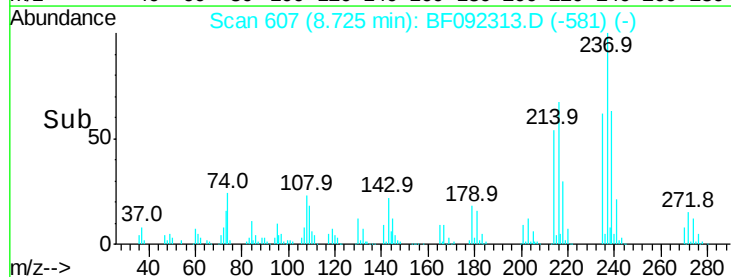
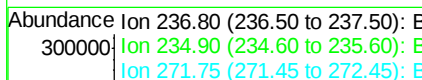
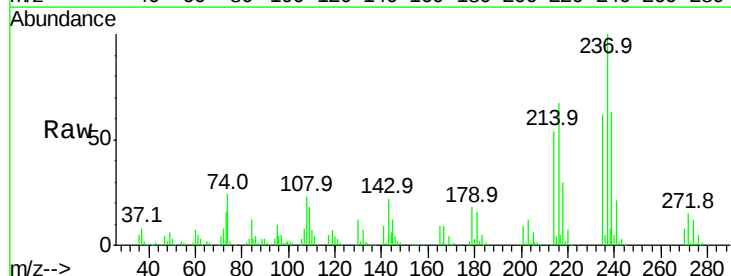
RT: 8.72 min Scan# 607

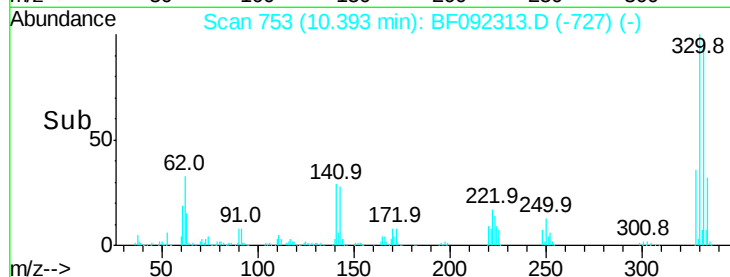
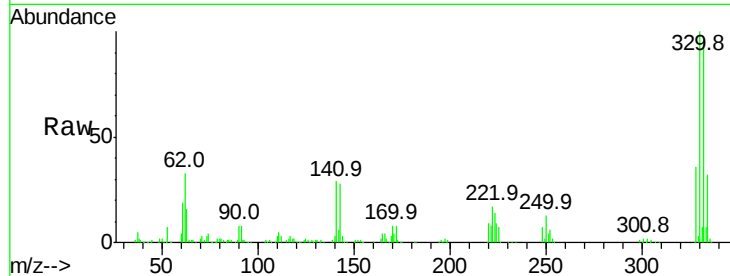
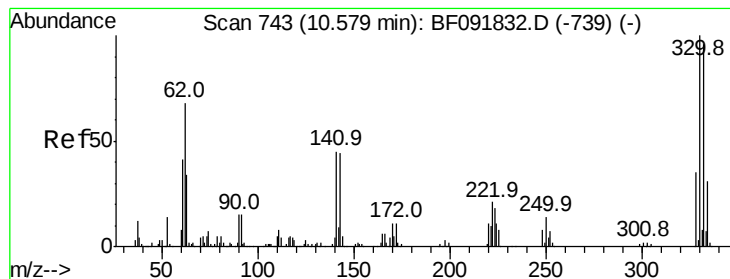
Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	293918		
235	61.9		41.2	81.2
272	15.1		0.0	35.4





#41

2,4,6-Tribromophenol

Concen: 139.97 ng

RT: 10.39 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tot Ion:	330	Resp:	467131
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.2
141	36.1	34.1	51.1

Instrument :

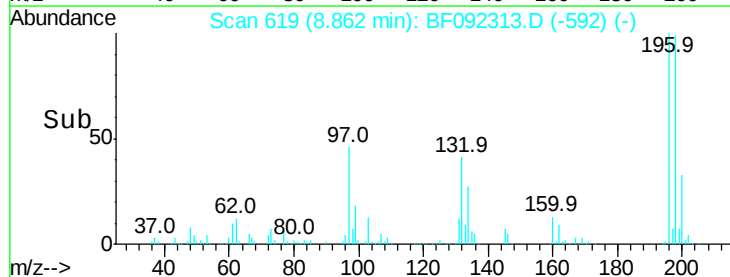
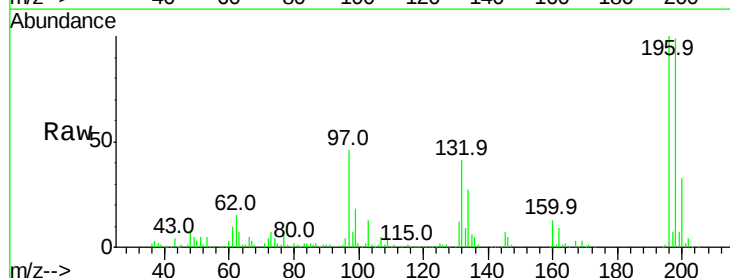
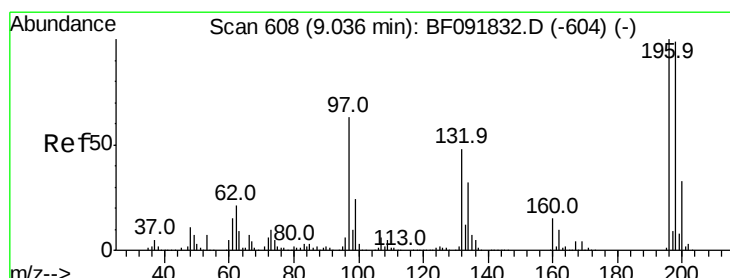
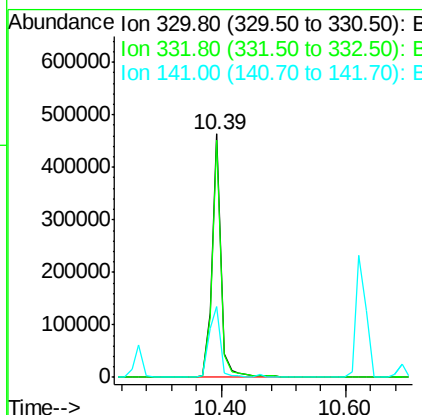
BNA_F

ClientSampleId :

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#42

2,4,6-Trichlorophenol

Concen: 52.82 ng

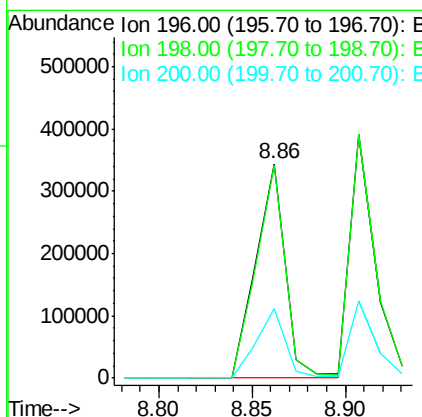
RT: 8.86 min Scan# 619

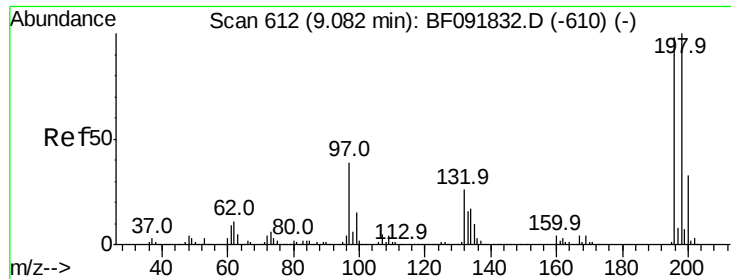
Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:	196	Resp:	376388
Ion Ratio	Lower	Upper	
196	100		
198	99.3	82.1	123.1
200	32.7	27.0	40.4





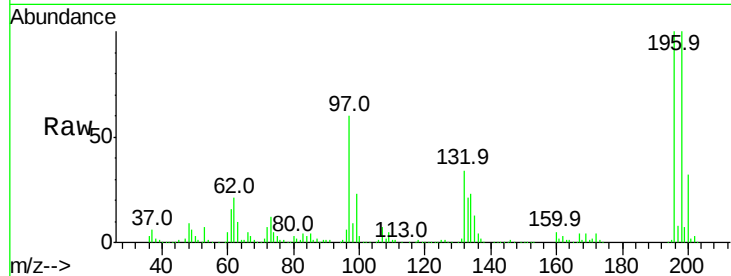
#43
 2,4,5-Trichlorophenol
 Concen: 51.42 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

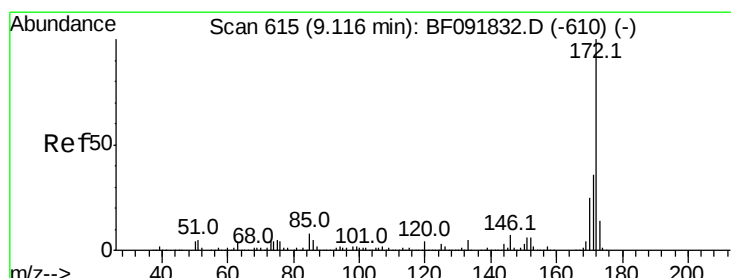
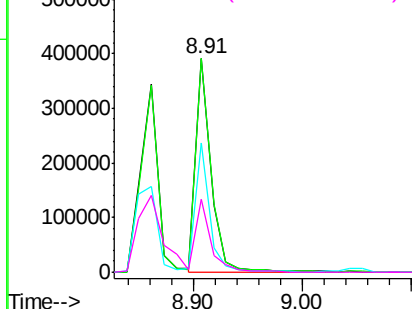
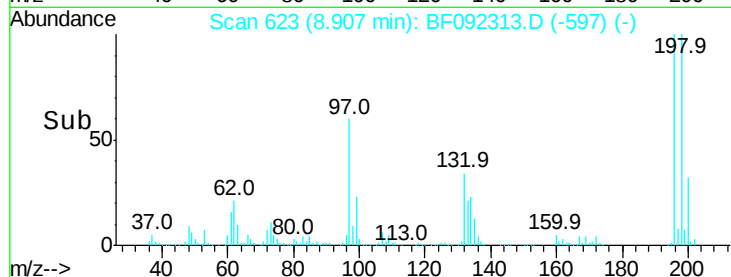
Tot Ion	196	Resp	377061
Ion	Ratio	Lower	Upper
196	100		
198	100.2	79.4	119.2
97	60.4	51.5	77.3
132	34.3	27.4	41.2

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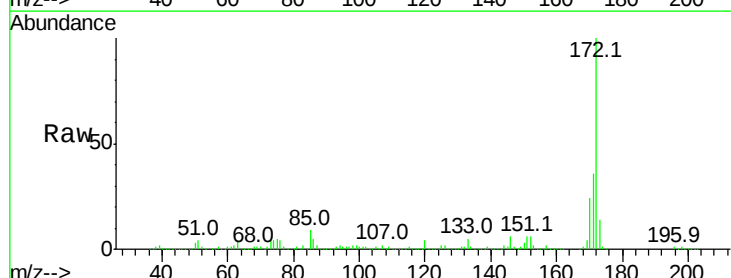


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

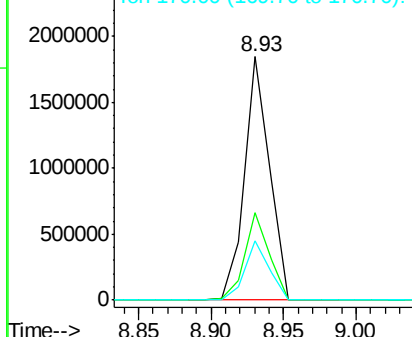
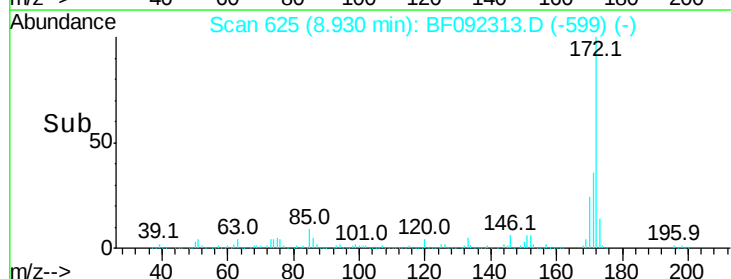


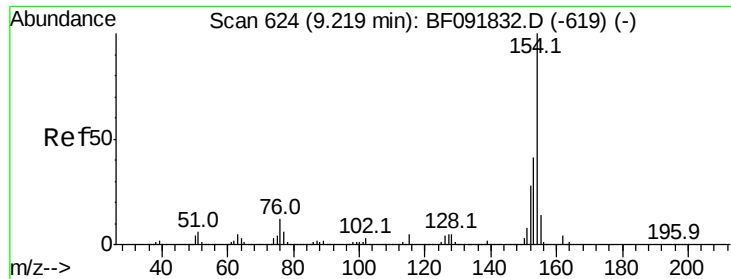
#44
 2-Fluorobiphenyl
 Concen: 116.39 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	172	Resp	2196997
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	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





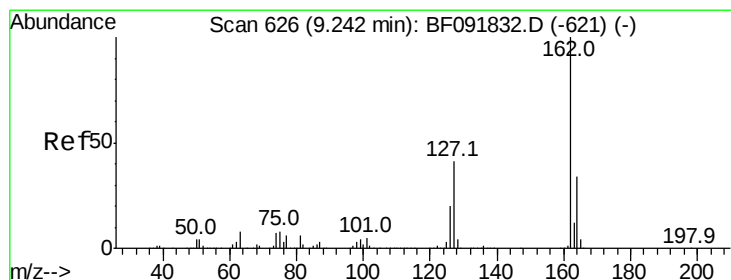
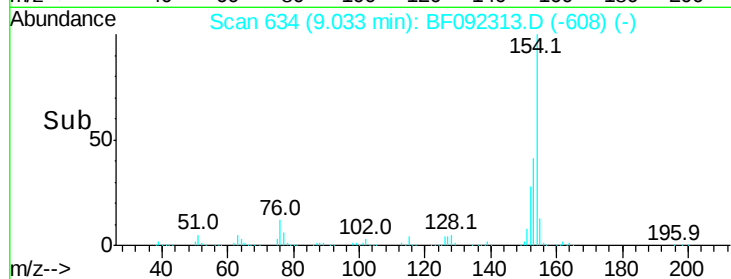
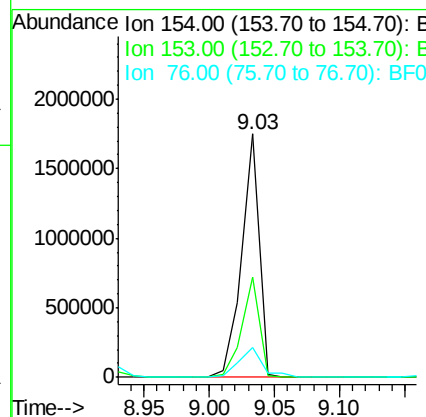
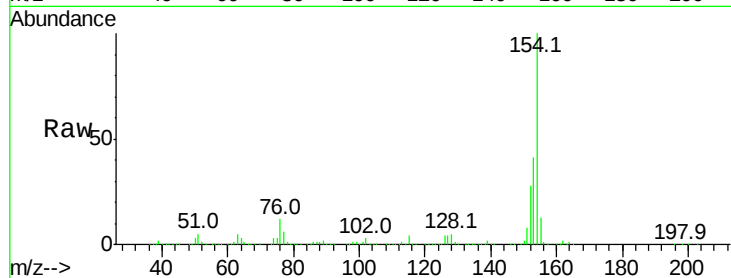
#45
1,1'-Biphenyl
Concen: 58.67 ng
RT: 9.03 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.9	60.9
76	12.1	0.0	30.5

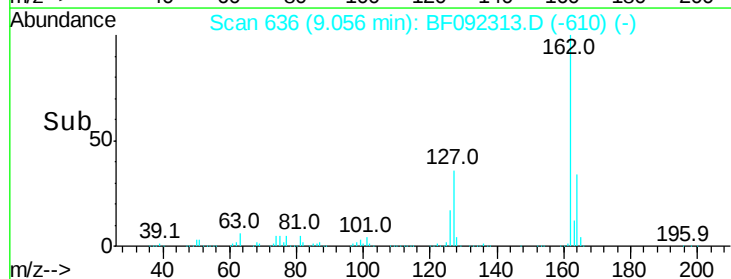
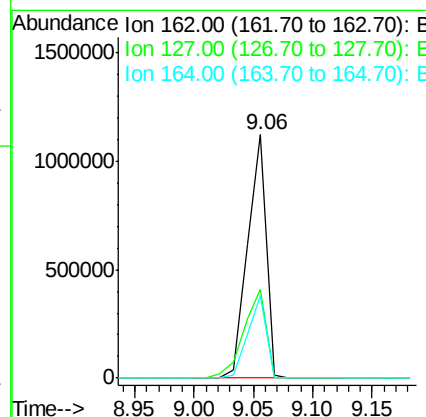
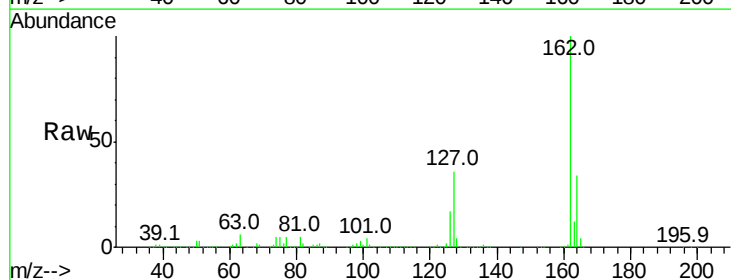
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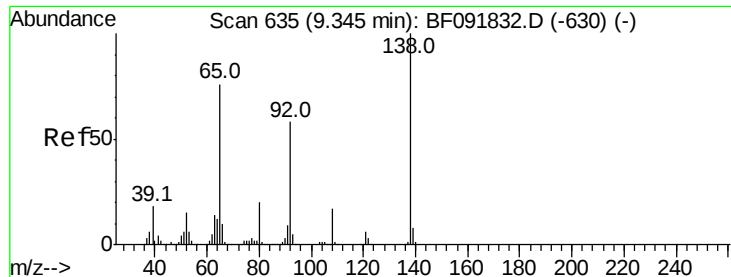
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#46
2-Chloronaphthalene
Concen: 56.16 ng
RT: 9.06 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.3	30.7	46.1
164	33.6	27.6	41.4





#47

2-Nitroaniline

Concen: 47.18 ng

RT: 9.16 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

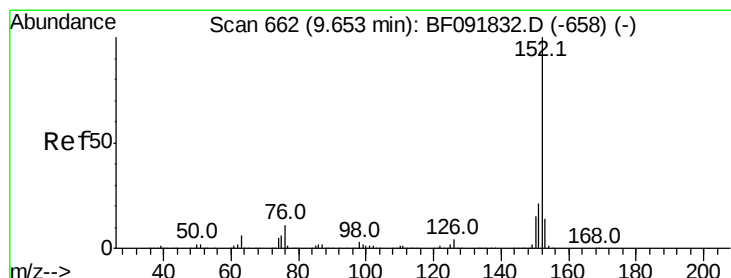
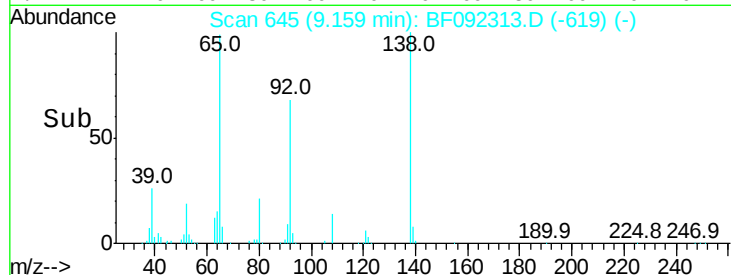
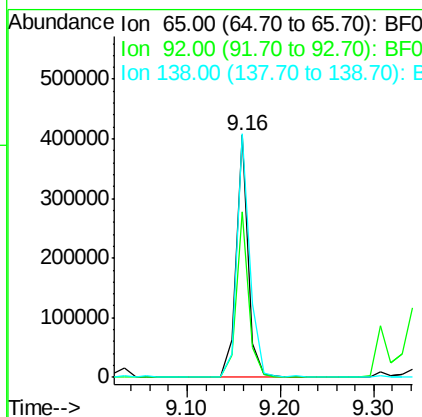
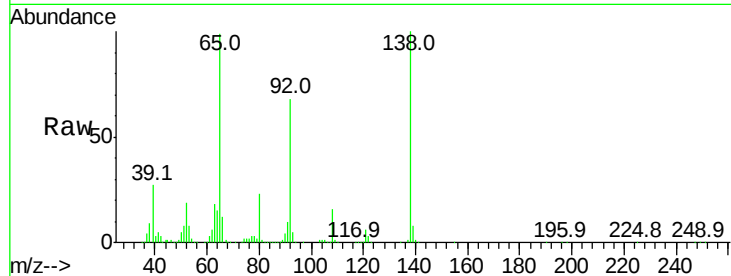
ClientSampleId :

TOD-WCS-011217MS

Tot Ion:	65	Resp:	367338
Ion Ratio	Lower	Upper	
65	100		
92	68.5	53.9	80.9
138	100.5	76.8	115.2

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#48

Acenaphthylene

Concen: 50.58 ng

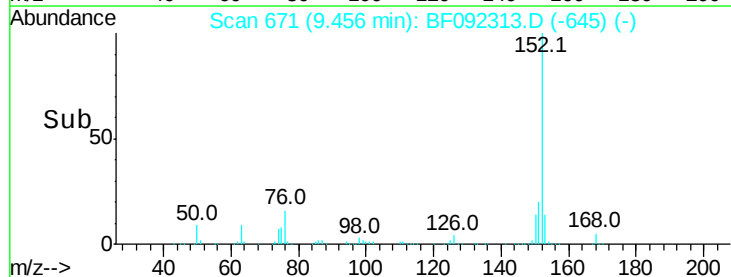
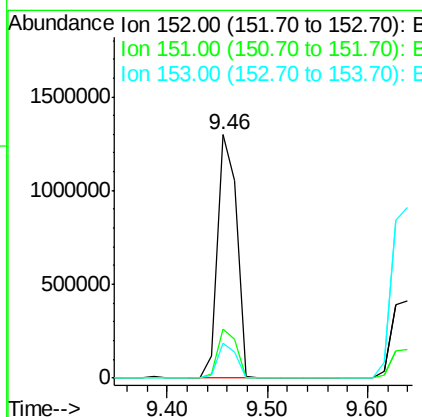
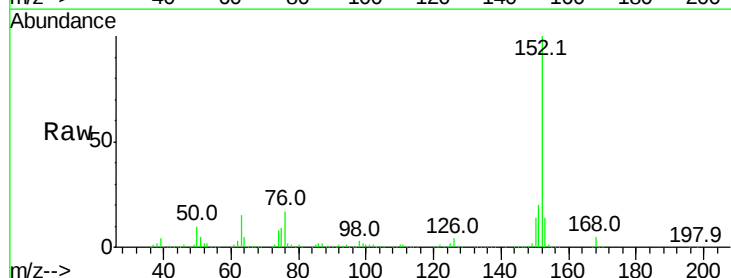
RT: 9.46 min Scan# 671

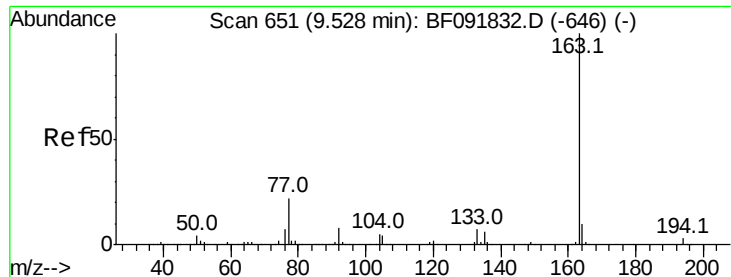
Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:	152	Resp:	1700804
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.9	25.3
153	14.5	11.4	17.2





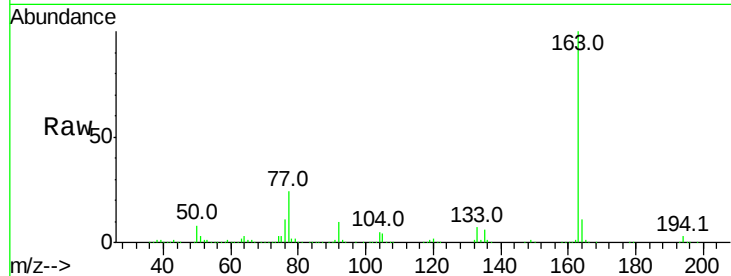
#49
Dimethylphthalate
Concen: 51.70 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

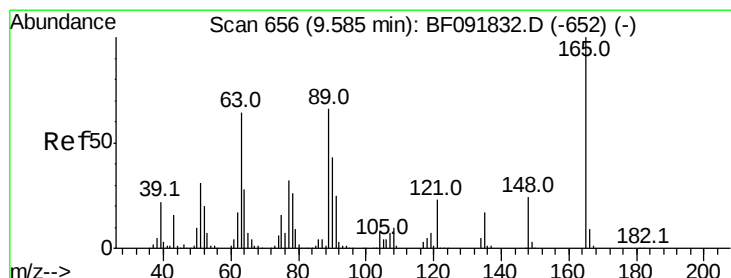
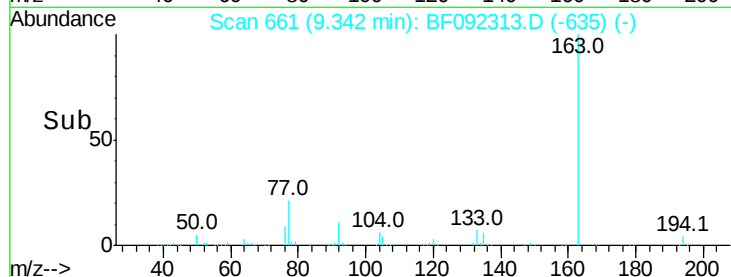
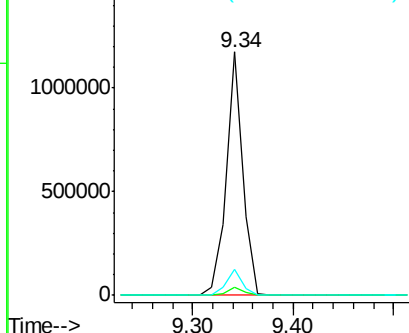
Tot Ion:163 Resp: 1333338
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.7 8.0 12.0

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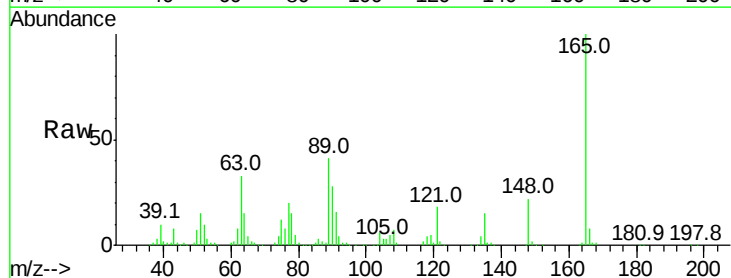


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

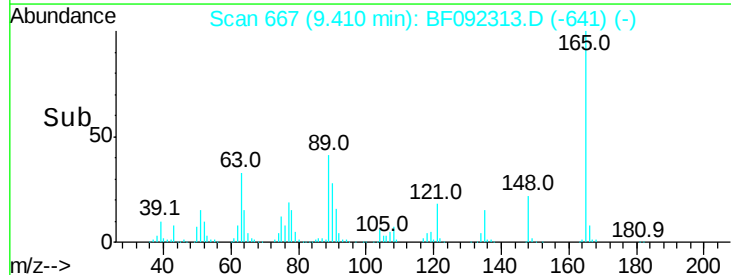
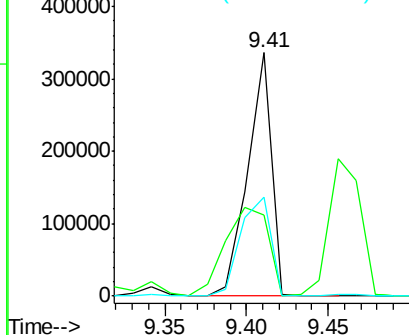


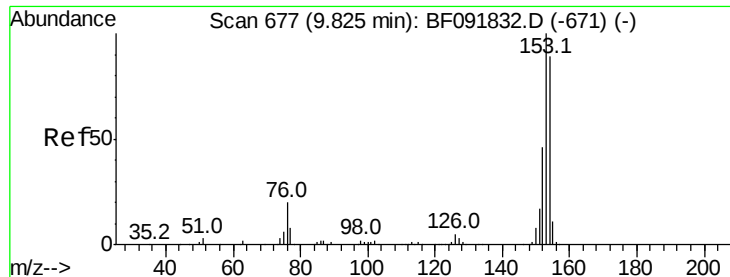
#50
2,6-Dinitrotoluene
Concen: 60.30 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:165 Resp: 340433
Ion Ratio Lower Upper
165 100
63 33.2 36.2 54.4#
89 40.8 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.05 ng

RT: 9.64 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:154 Resp: 1140985

Ion Ratio Lower Upper

154 100

153 110.4 88.6 133.0

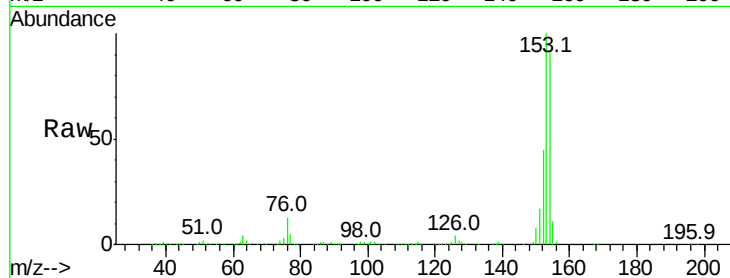
152 50.1 41.6 62.4

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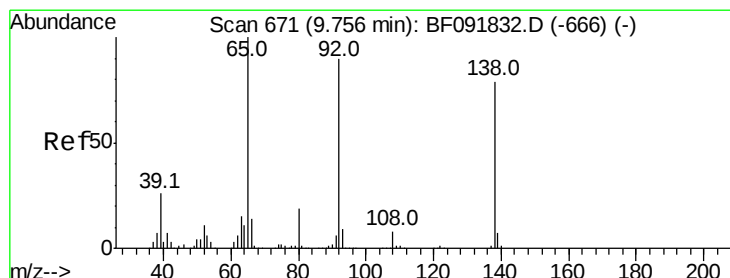
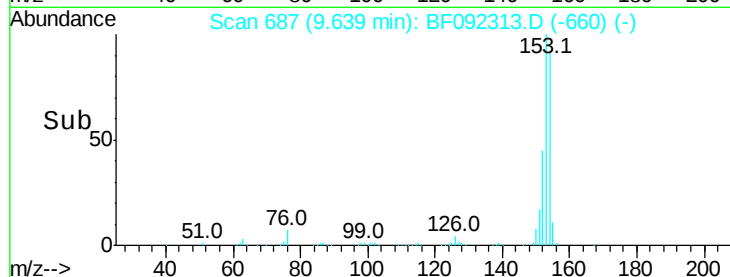
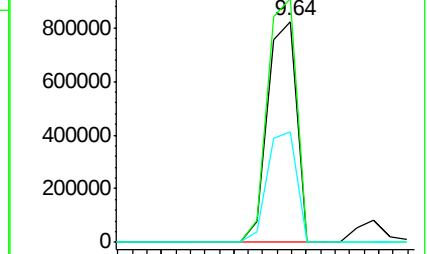
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.49 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

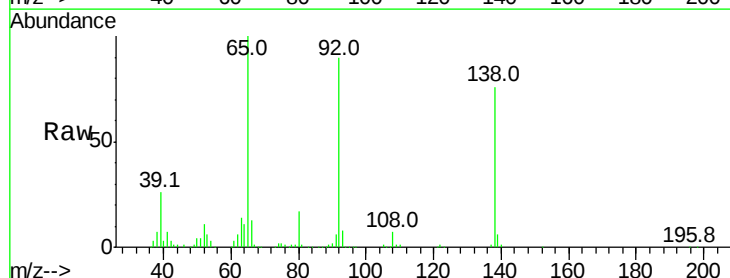
Tgt Ion:138 Resp: 171077

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

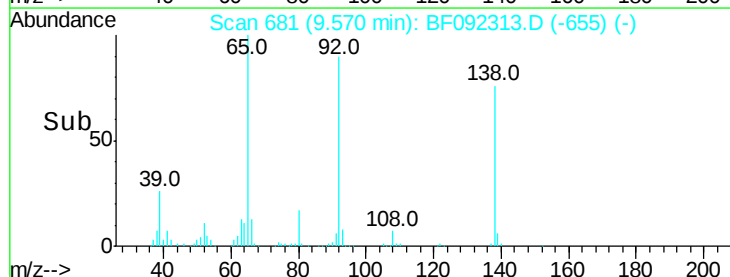
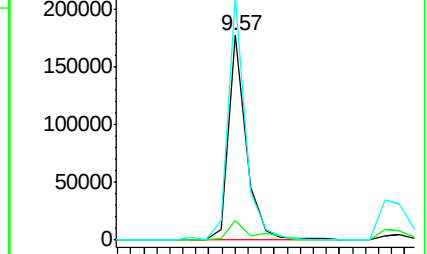
92 118.7 97.8 146.8

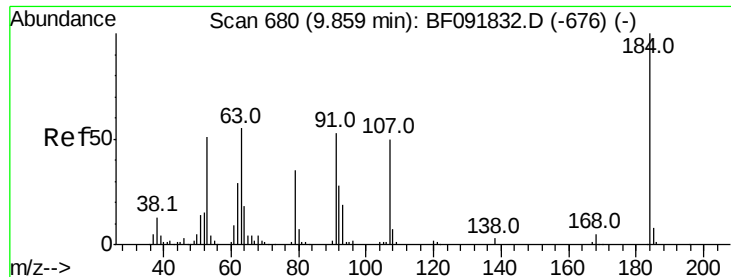


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 80.57 ng

RT: 9.70 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:184 Resp: 253071

Ion Ratio Lower Upper

184 100

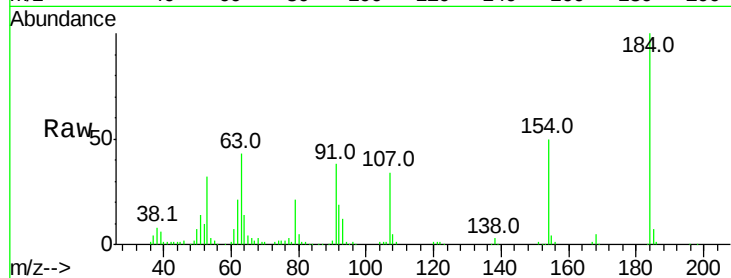
63 43.1 28.4 42.6#

154 50.4 44.3 66.5

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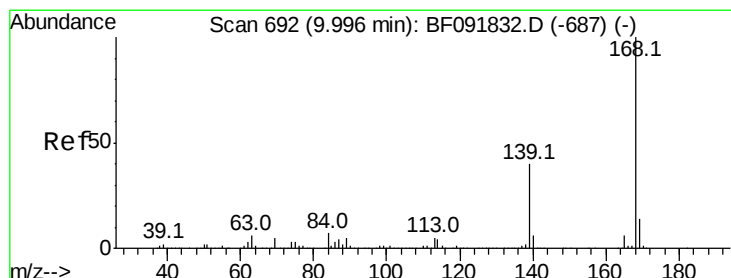
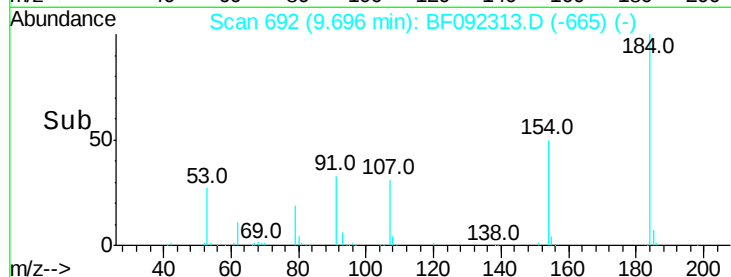
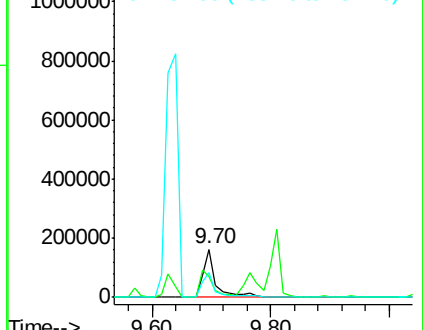
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 50.17 ng

RT: 9.81 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

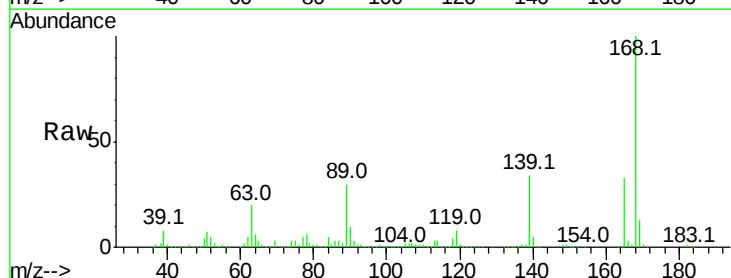
Tgt Ion:168 Resp: 1544607

Ion Ratio Lower Upper

168 100

139 34.1 32.6 49.0

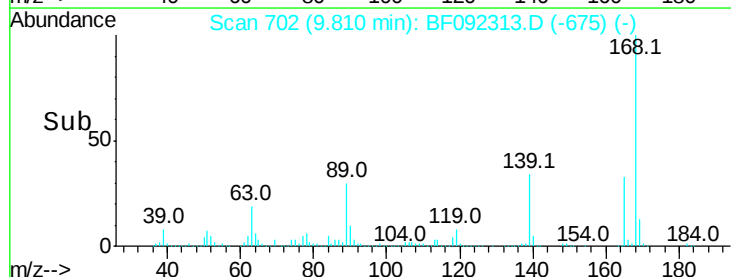
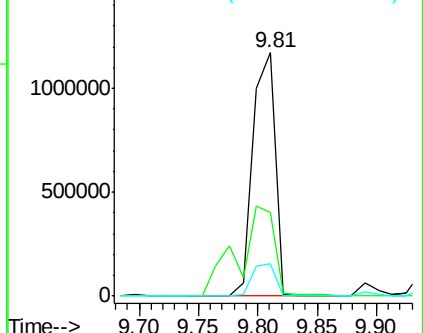
169 13.1 11.3 16.9

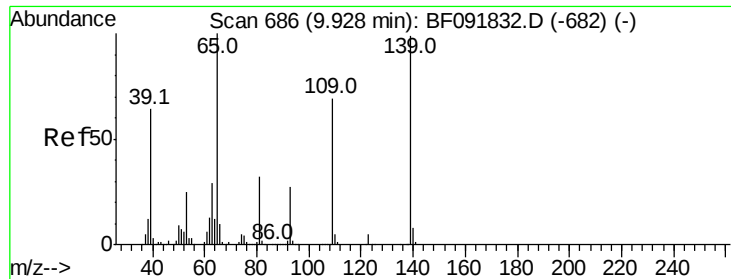


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





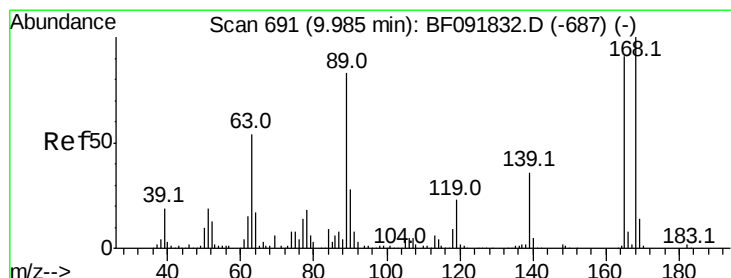
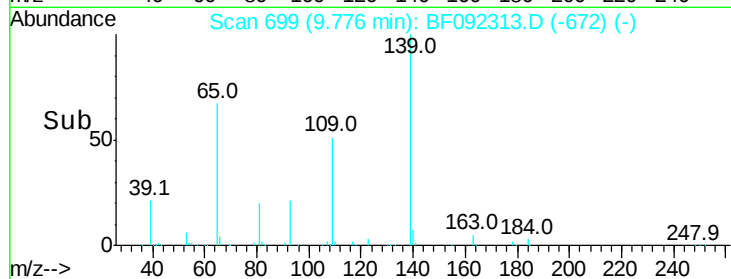
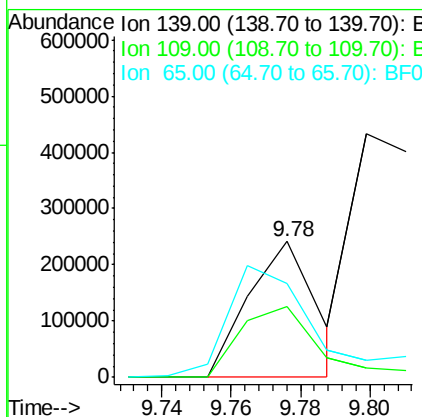
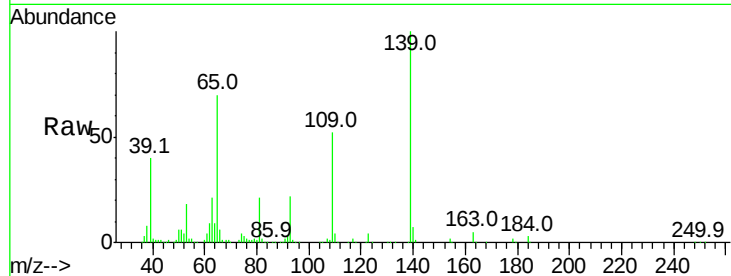
#55
4-Nitrophenol
Concen: 68.47 ng/ml
RT: 9.78 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	51.9	52.2	92.2#
65	69.6	85.8	125.8#

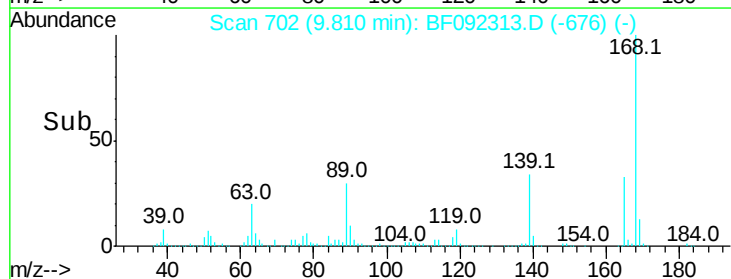
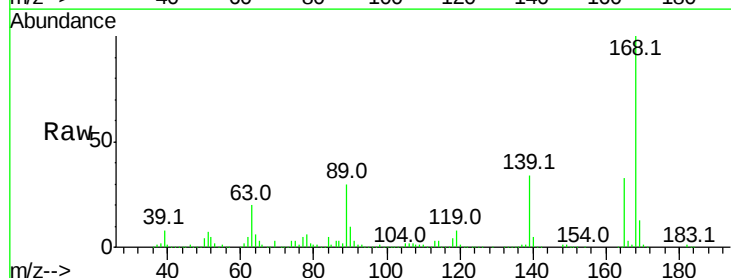
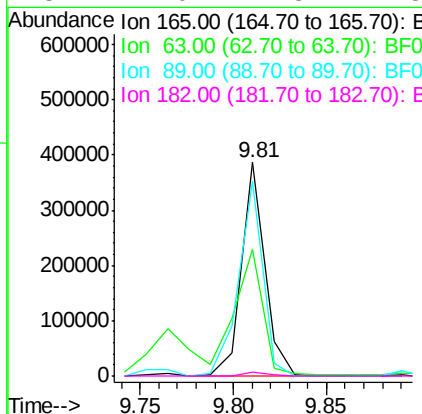
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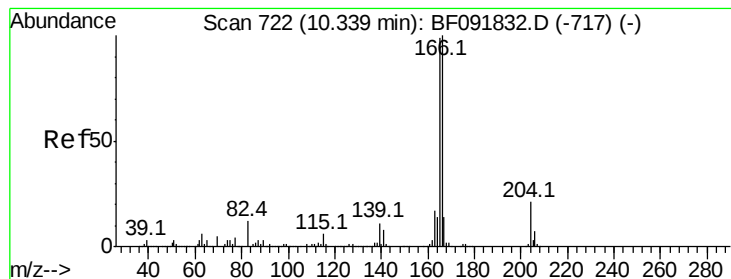
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.77 ng/ml
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.2	40.2	60.4
89	91.3	62.5	93.7
182	2.0	1.8	2.8





#57

Fluorene

Concen: 48.16 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:166 Resp: 1078829

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

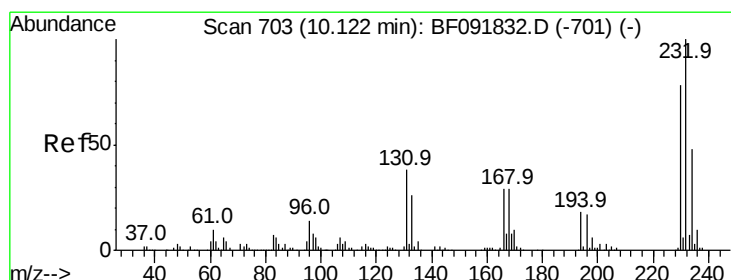
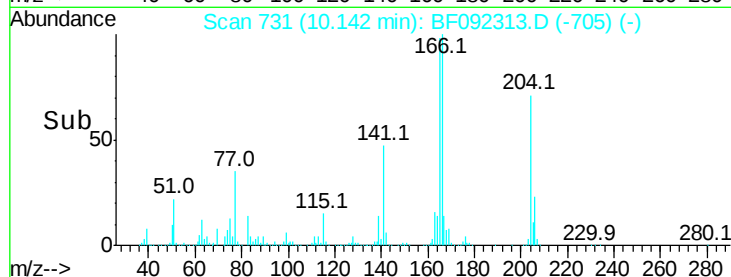
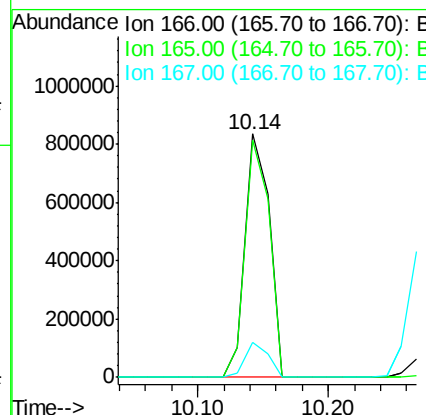
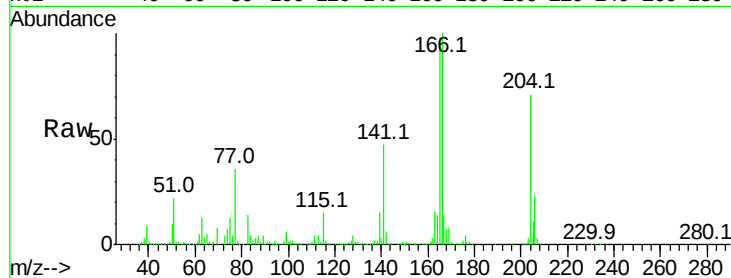
167 14.2 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.89 ng

RT: 9.94 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:232 Resp: 324126

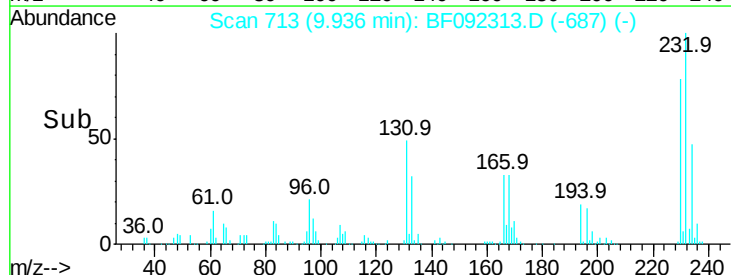
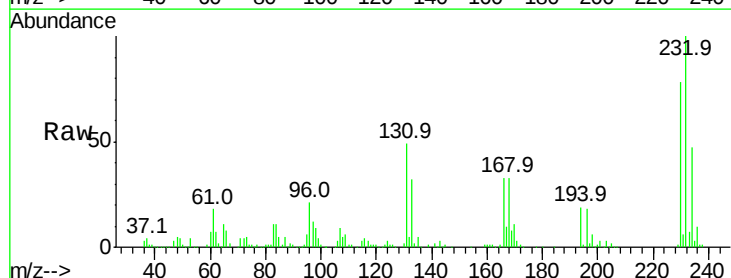
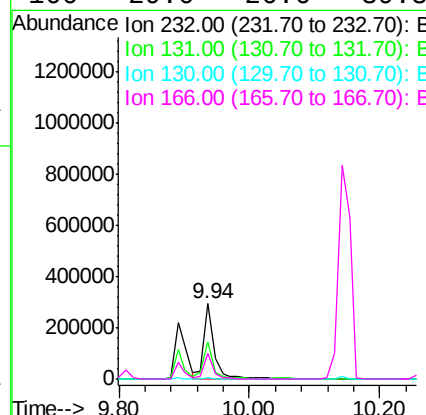
Ion Ratio Lower Upper

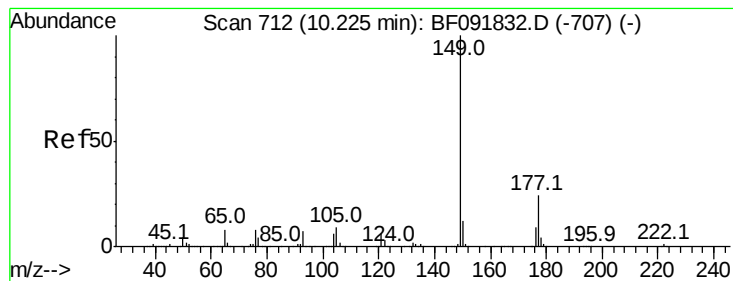
232 100

131 45.1 40.1 60.1

130 2.2 1.8 2.8

166 29.0 26.6 39.8





#59

Diethylphthalate

Concen: 51.45 ng

RT: 10.04 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:149 Resp: 1288844

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

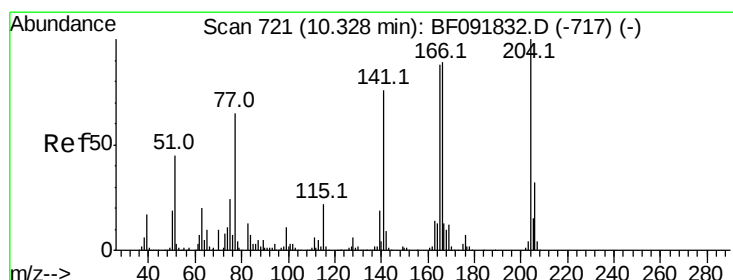
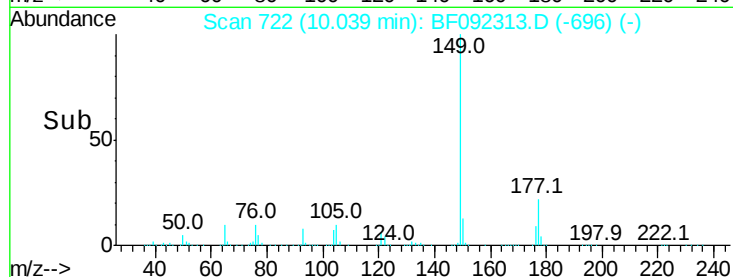
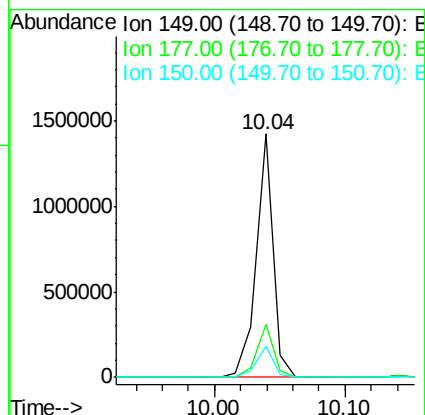
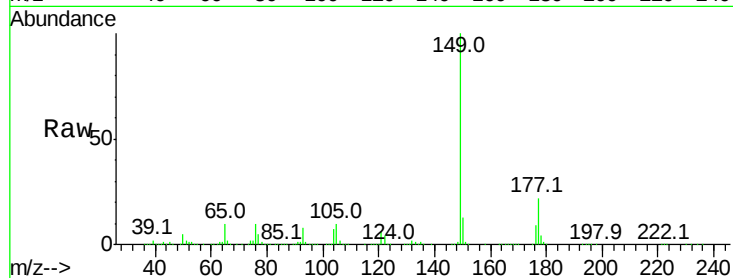
150 12.7 10.4 15.6

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#60

4-Chlorophenyl-phenylether

Concen: 51.02 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

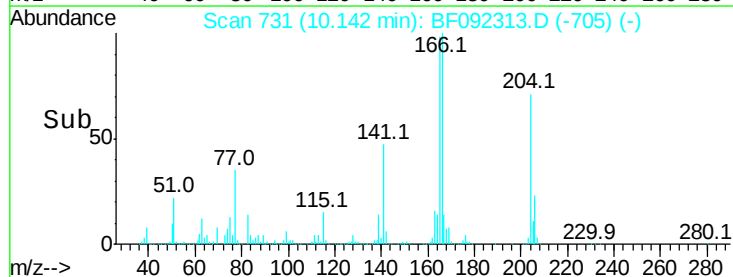
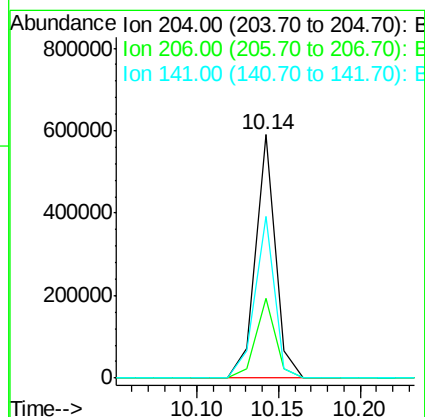
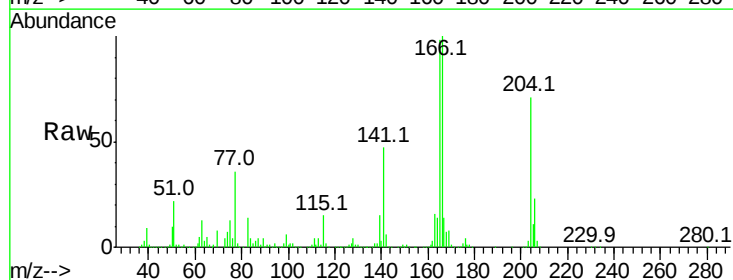
Tgt Ion:204 Resp: 500442

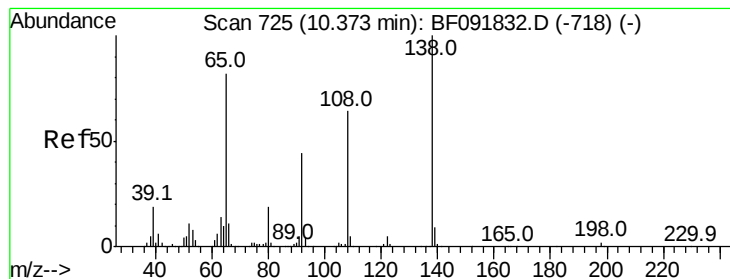
Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

141 66.4 59.4 89.0





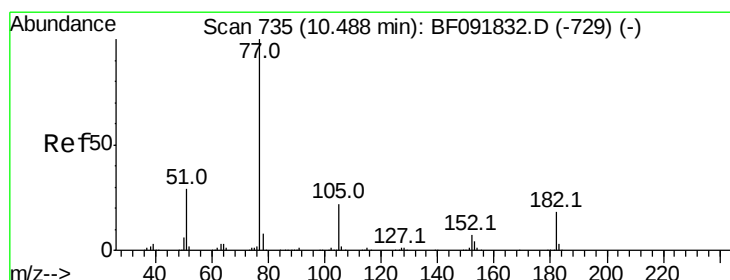
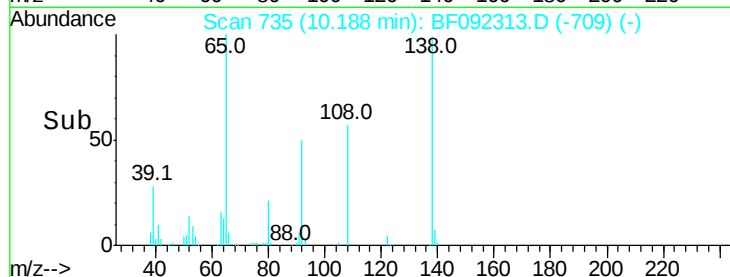
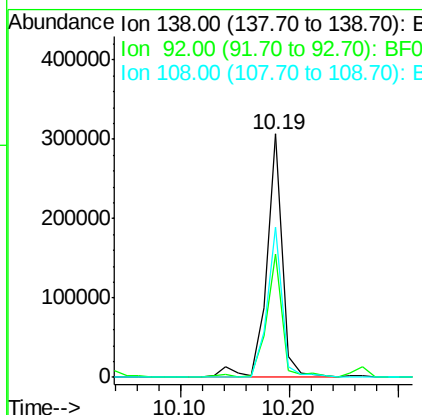
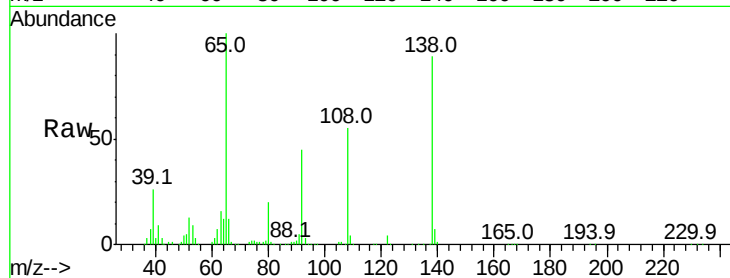
#61
4-Nitroaniline
Concen: 43.15 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.7	71.7
108	61.6	52.6	92.6

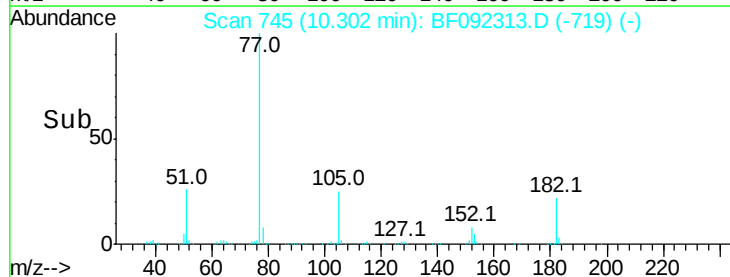
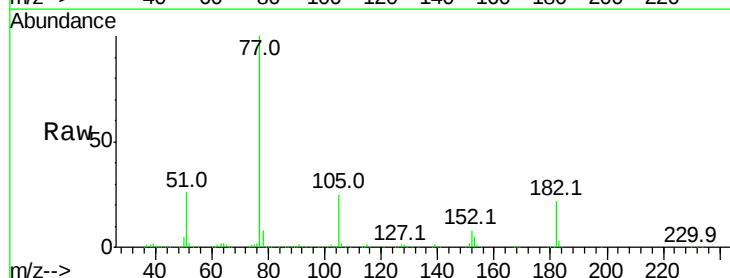
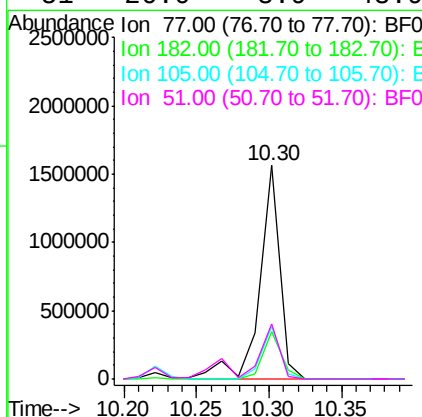
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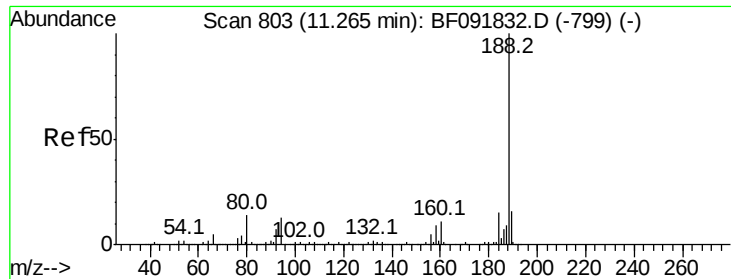
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#62
Azobenzene
Concen: 55.06 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.0	39.3
105	24.7	2.3	42.3
51	26.0	8.9	48.9





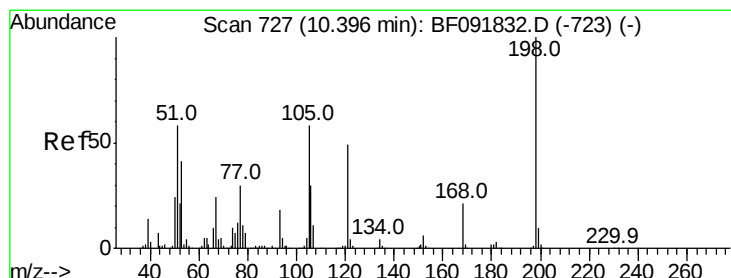
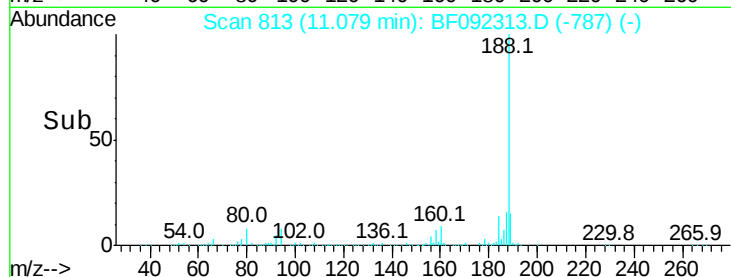
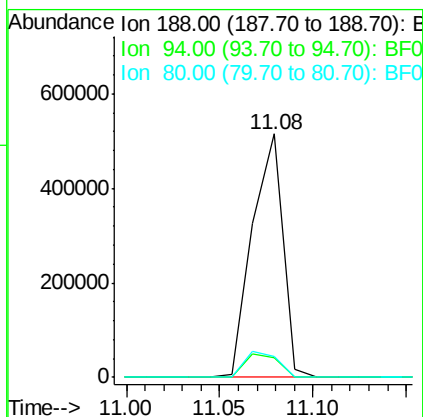
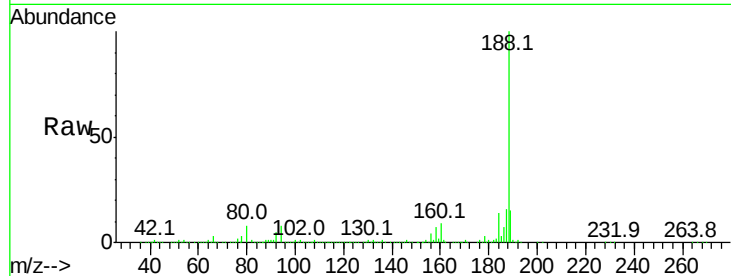
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	10.0	15.0#
80	8.4	11.2	16.8#

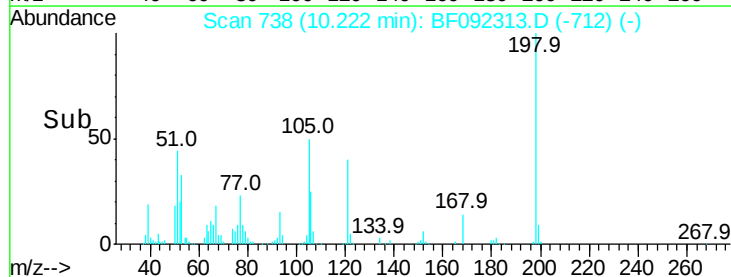
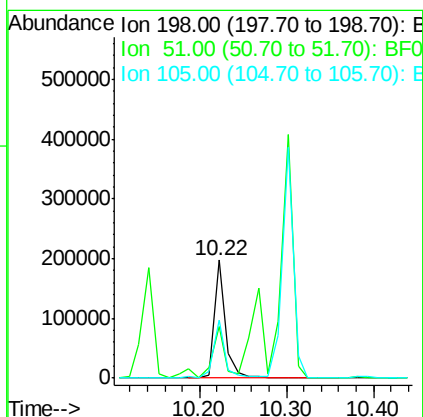
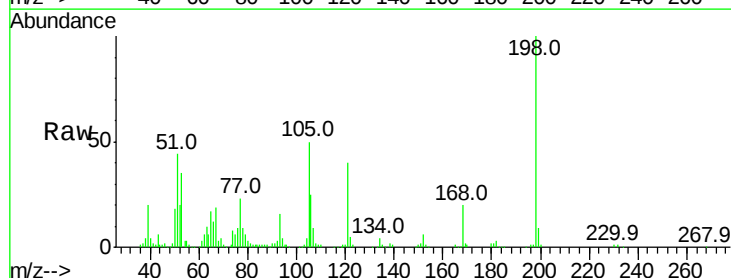
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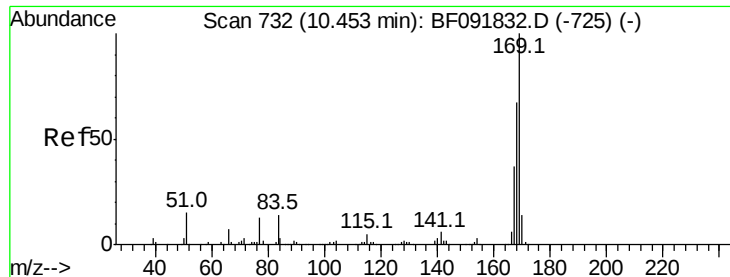
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.63 ng
RT: 10.22 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.6	6.7	46.7
105	49.8	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 59.65 ng

RT: 10.27 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:169 Resp: 1054176

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

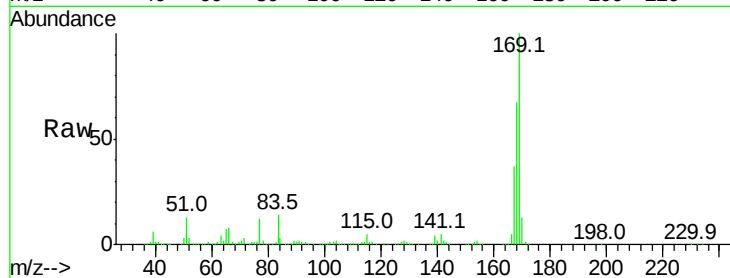
167 37.0 30.2 45.4

Manual Integrations

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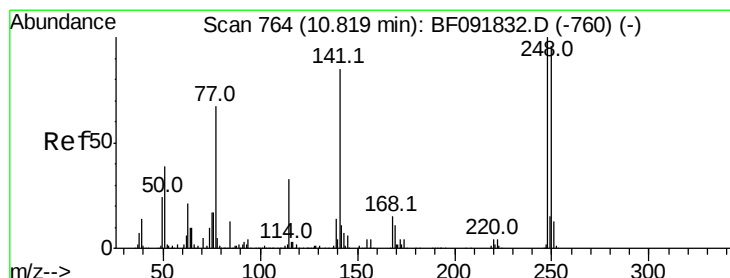
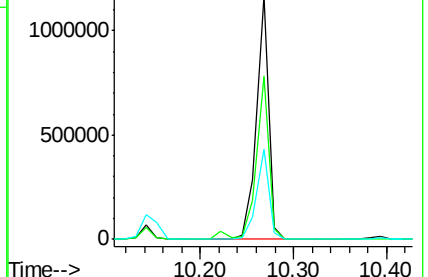
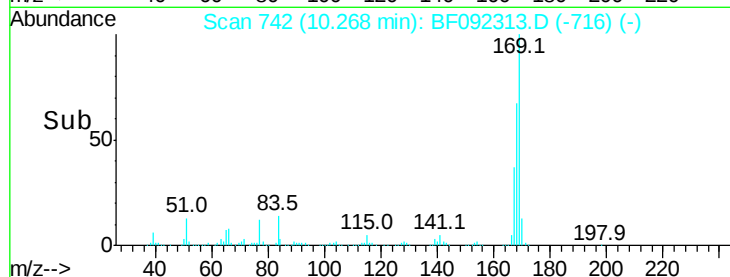
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 59.22 ng

RT: 10.63 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

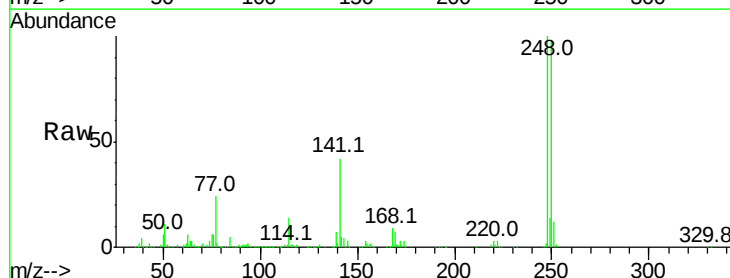
Tgt Ion:248 Resp: 366903

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

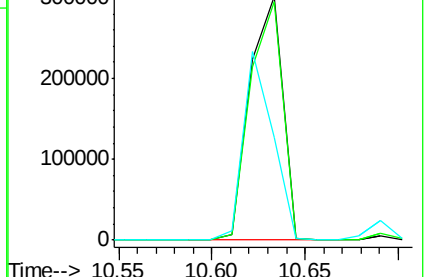
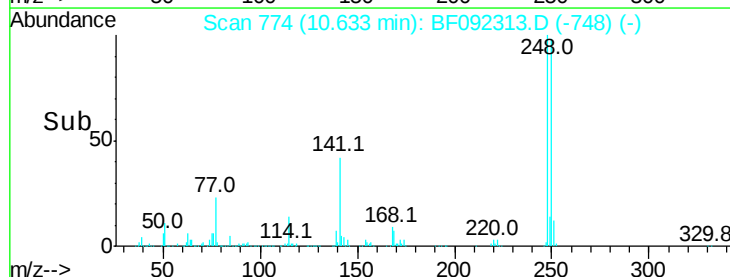
141 42.2 68.2 102.4#

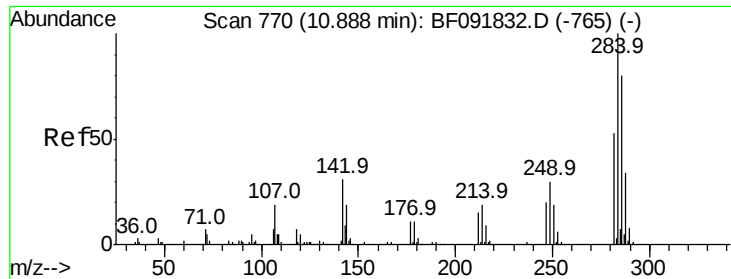


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.01 ng

RT: 10.69 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

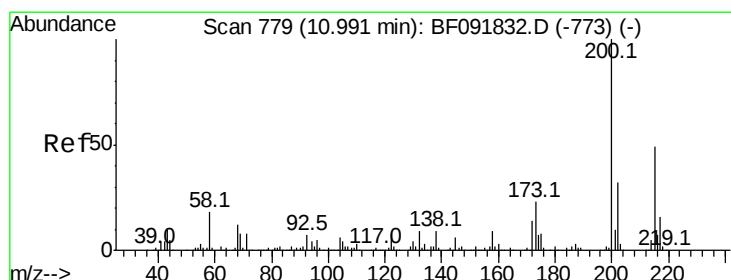
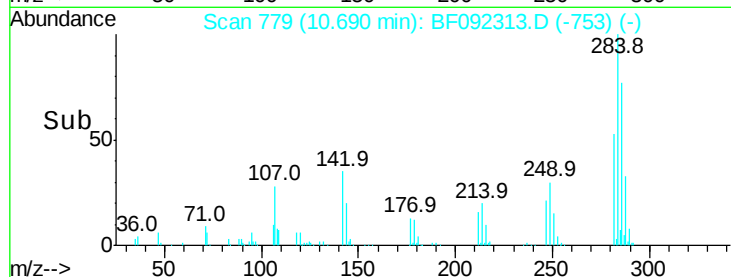
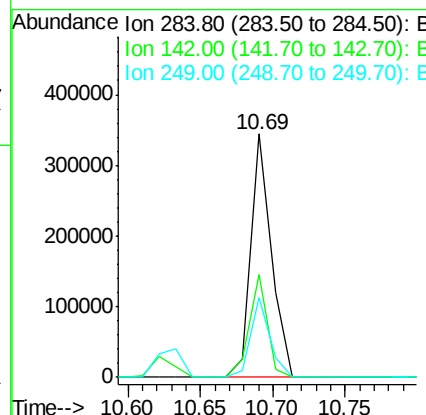
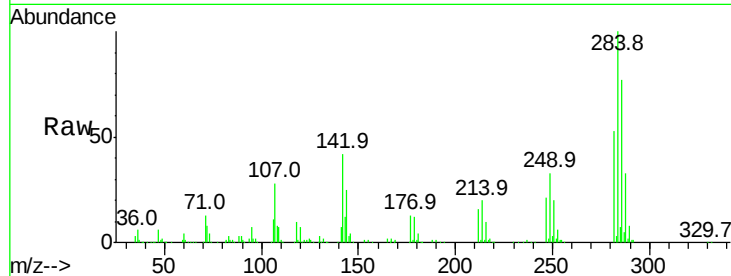
ClientSampleId :

TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.4	22.6	33.8#	
249	32.8	25.4	38.0	

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#68

Atrazine

Concen: 63.80 ng

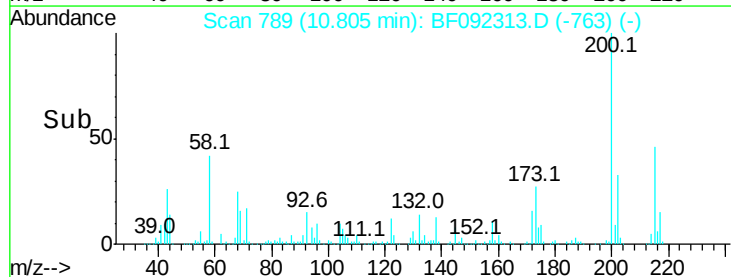
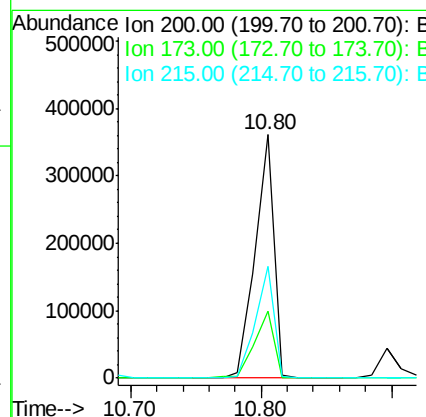
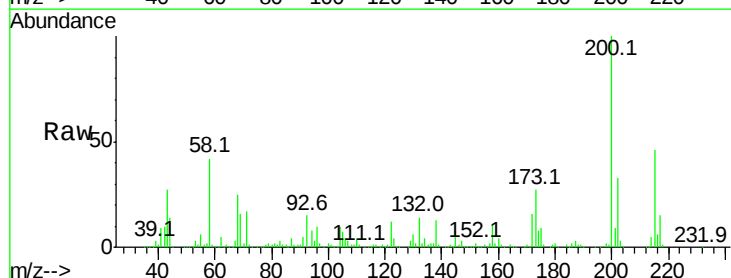
RT: 10.80 min Scan# 789

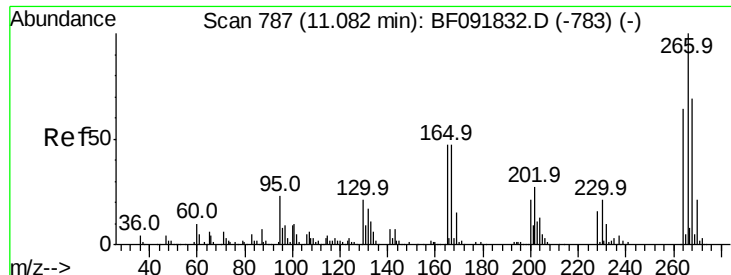
Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	9.6	49.6	
215	45.8	25.7	65.7	





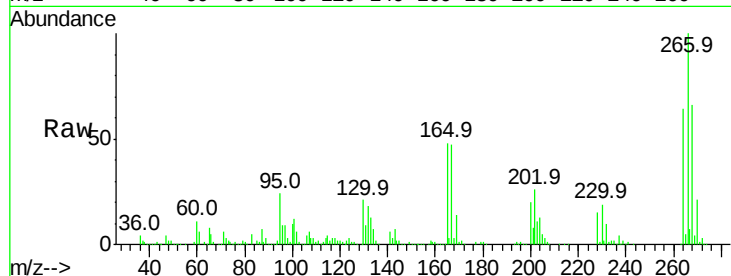
#69
 Pentachlorophenol
 Concen: 91.10 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

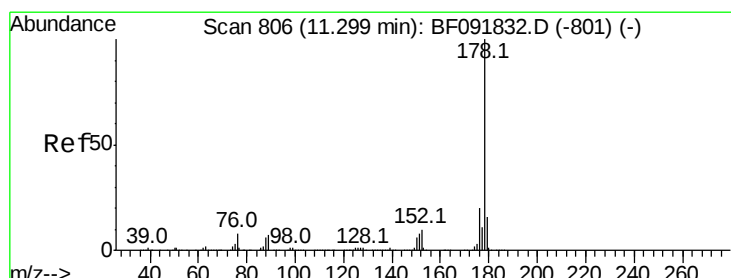
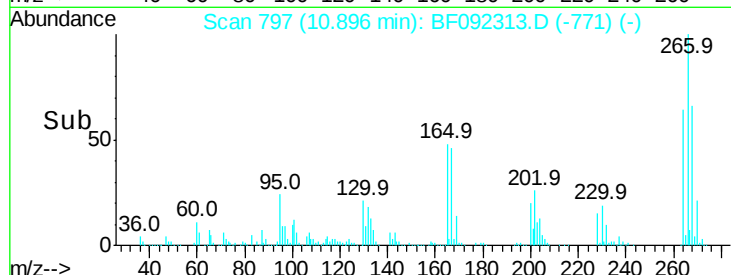
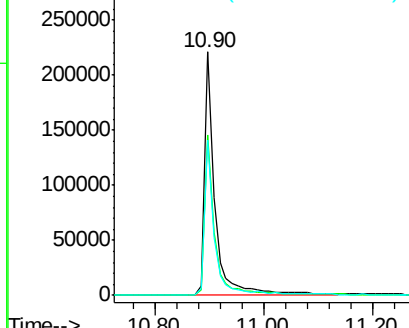
Tot Ion:	266	Resp:	296024
Ion Ratio		Lower	Upper
266	100		
268	66.0	53.3	79.9
264	63.9	50.3	75.5

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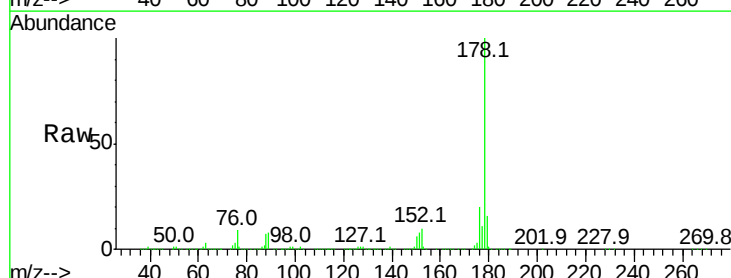


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

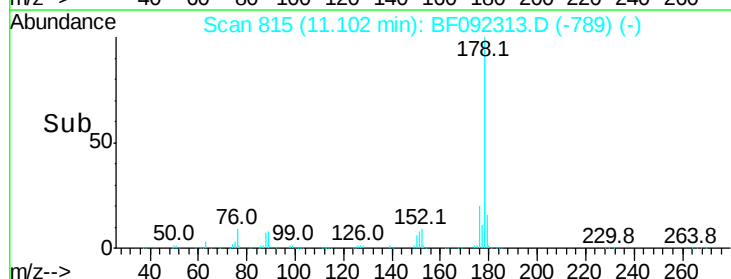
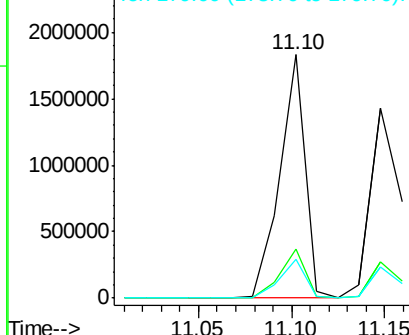


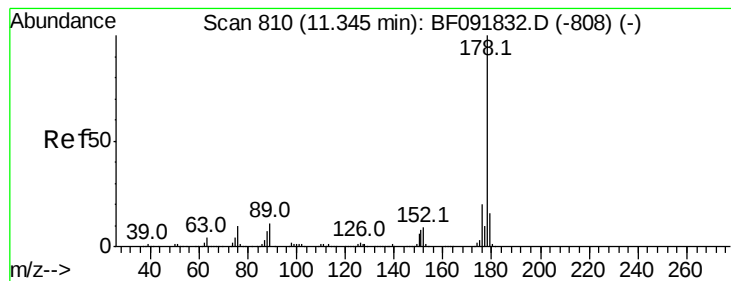
#70
 Phenanthrene
 Concen: 53.66 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:	178	Resp:	1732825
Ion Ratio		Lower	Upper
178	100		
176	20.2	16.6	25.0
179	16.1	12.8	19.2



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





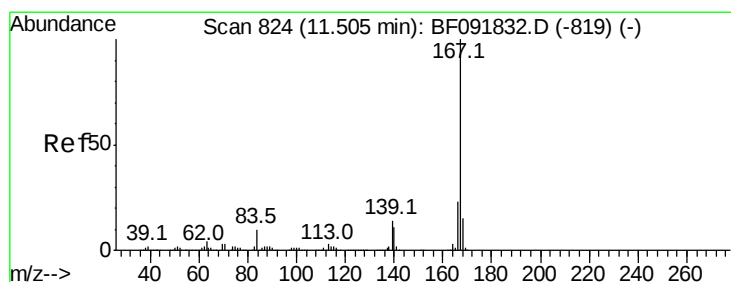
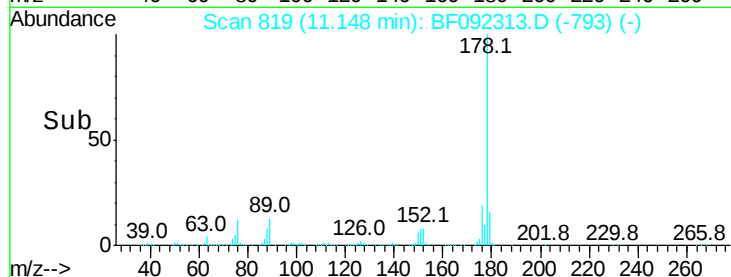
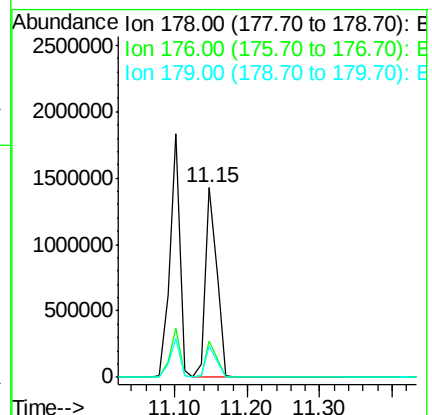
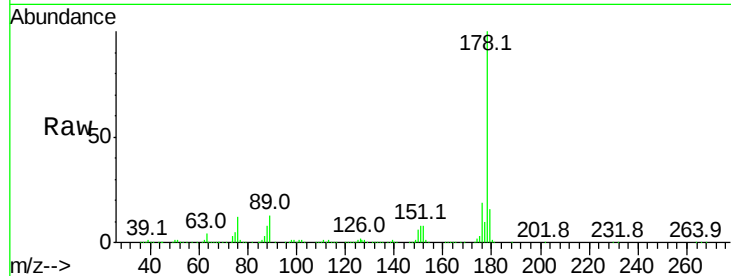
#71
 Anthracene
 Concen: 63.03 ng
 RT: 11.15 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tot Ion:178 Resp: 1559745
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 16.2 13.2 19.8

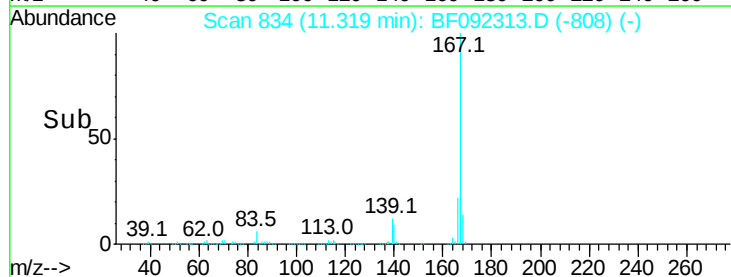
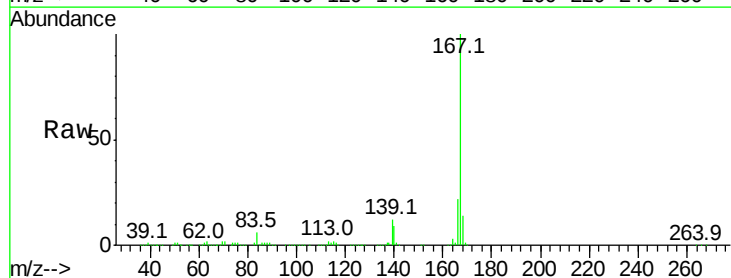
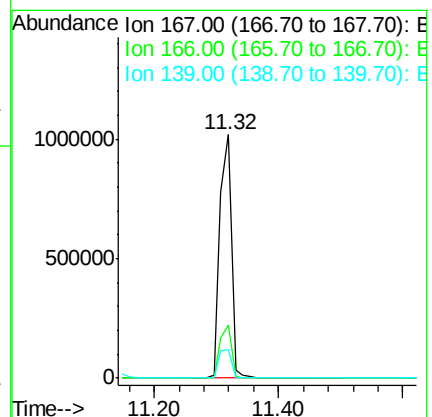
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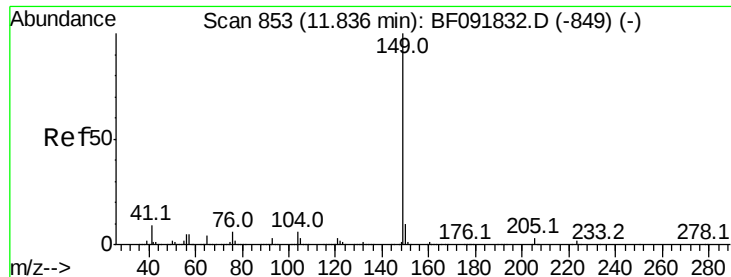
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#72
 Carbazole
 Concen: 51.36 ng
 RT: 11.32 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:167 Resp: 1279784
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.2
 139 11.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 52.15 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tot Ion:149 Resp: 1575813

Ion Ratio Lower Upper

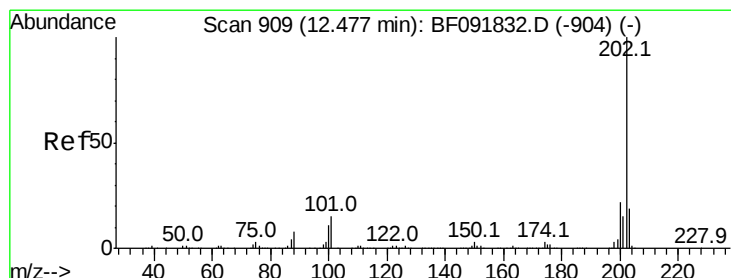
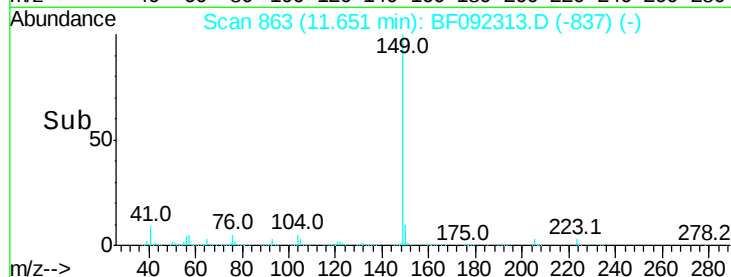
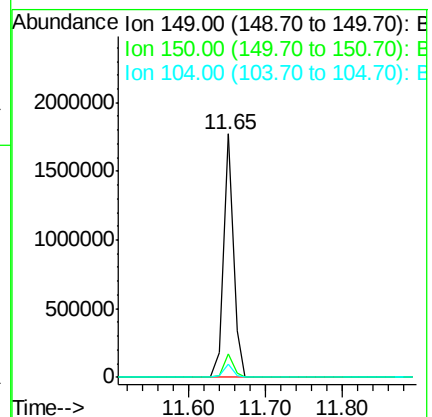
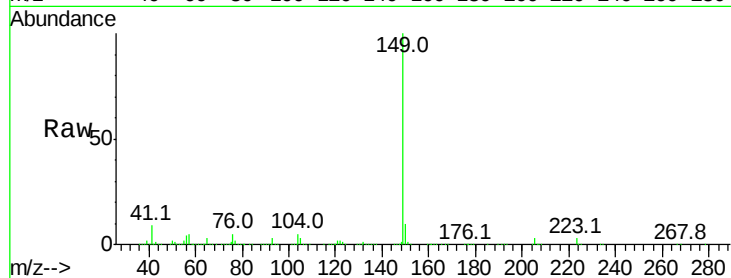
149 100

150 9.8 8.1 12.1

104 5.2 4.6 7.0

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#74

Fluoranthene

Concen: 43.49 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

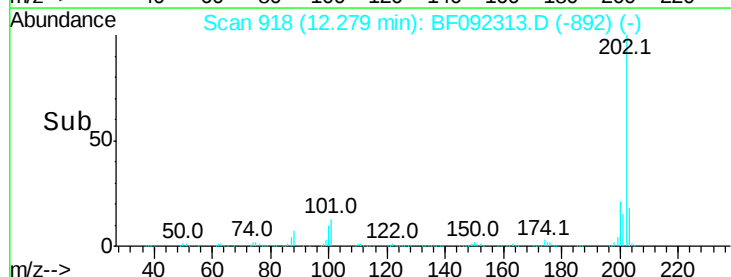
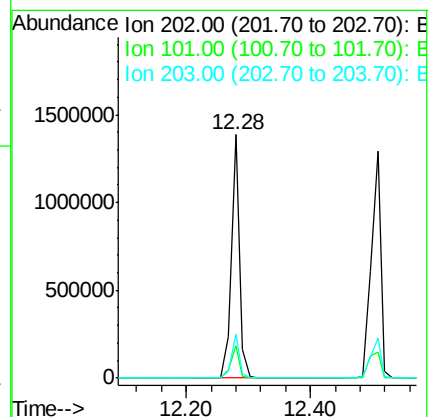
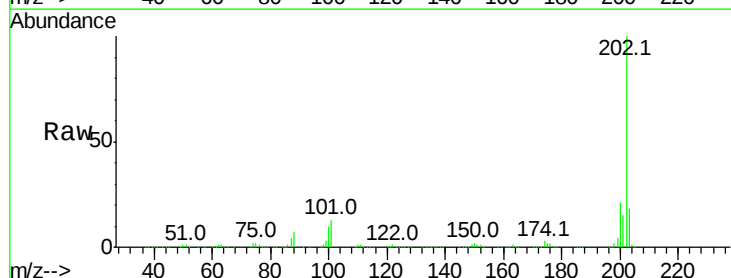
Tgt Ion:202 Resp: 1235847

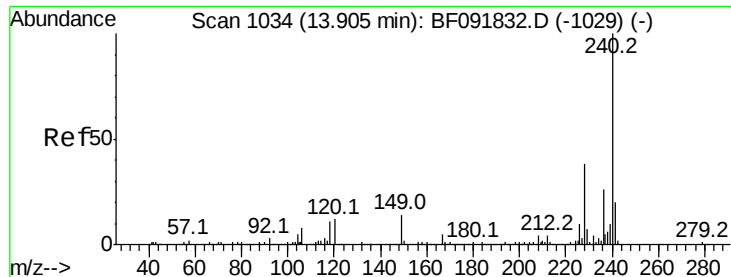
Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.6

203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

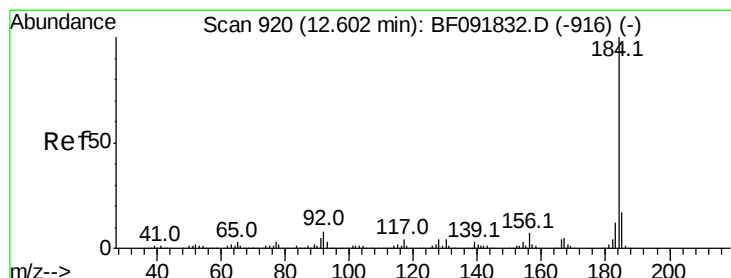
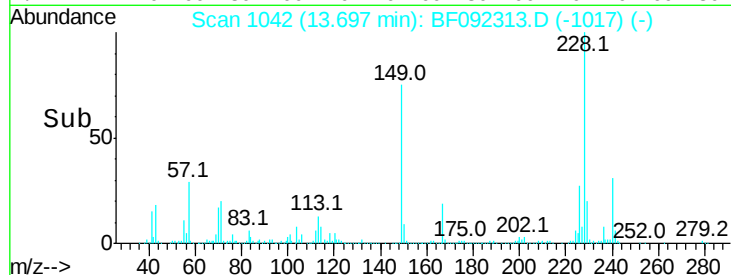
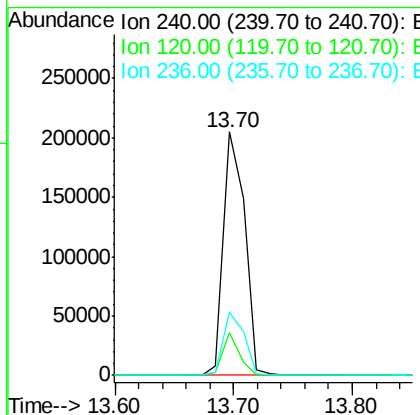
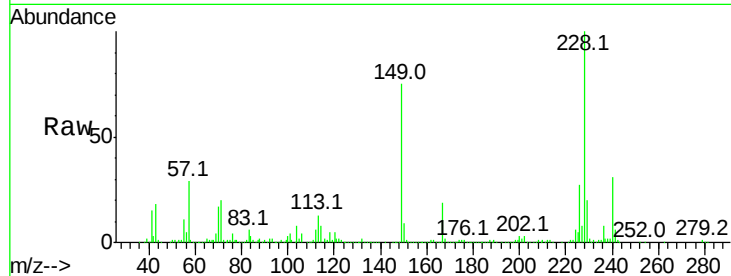
ClientSampleId :

TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	253836		
120	17.4	12.9	19.3	
236	25.7	20.9	31.3	

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#76

Benzidine

Concen: 22.30 ng

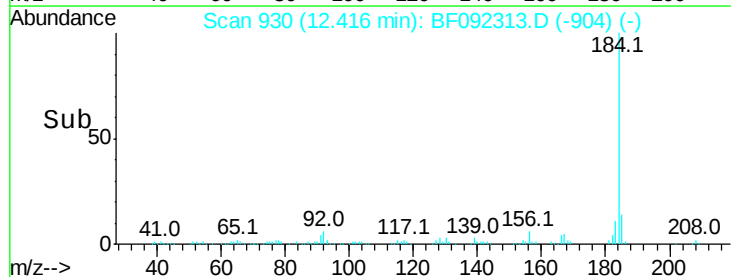
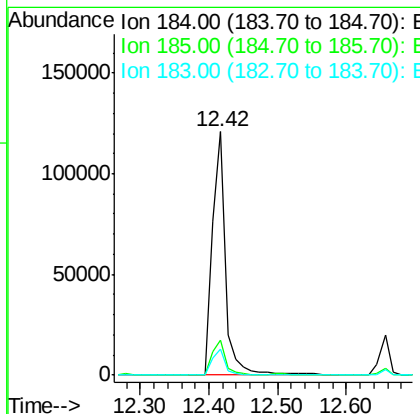
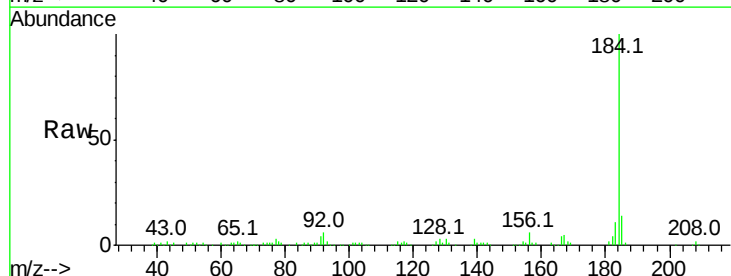
RT: 12.42 min Scan# 930

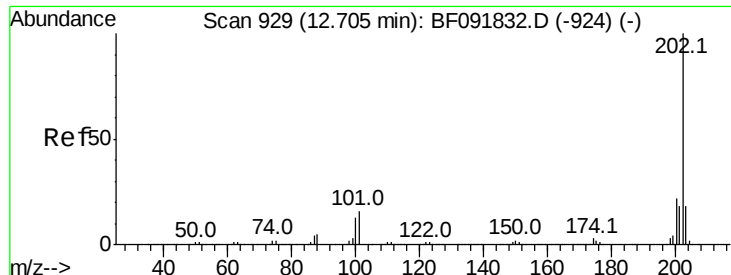
Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	165517		
185	14.2	13.4	20.0	
183	10.7	9.2	13.8	





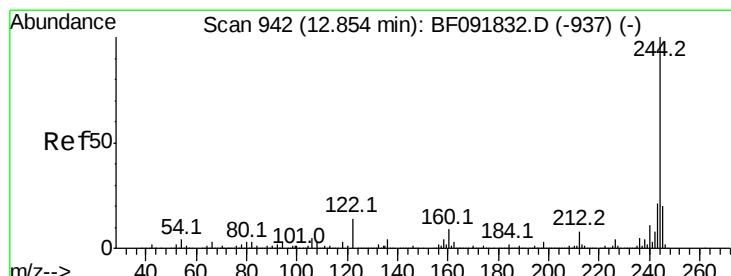
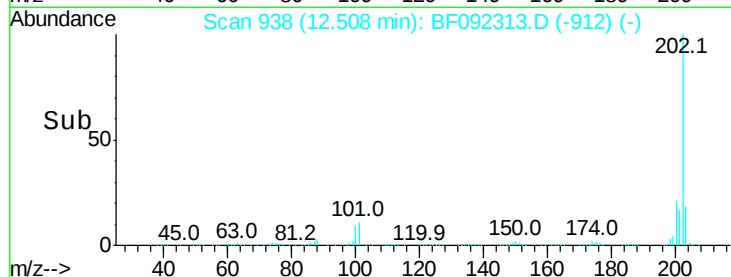
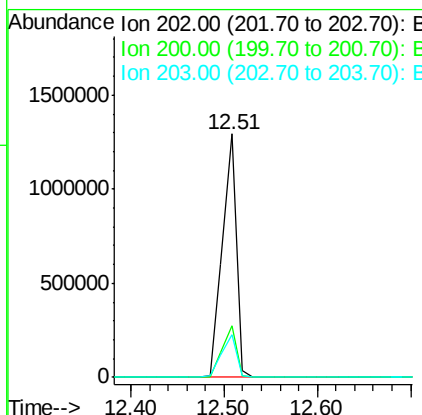
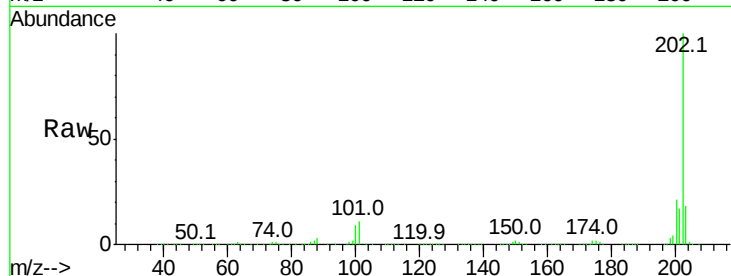
#77
Pvrene
Concen: 72.21 ng
RT: 12.51 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion:202 Resp: 1344841
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.6 14.7 22.1

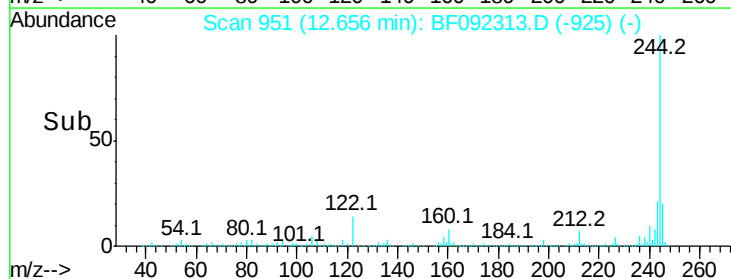
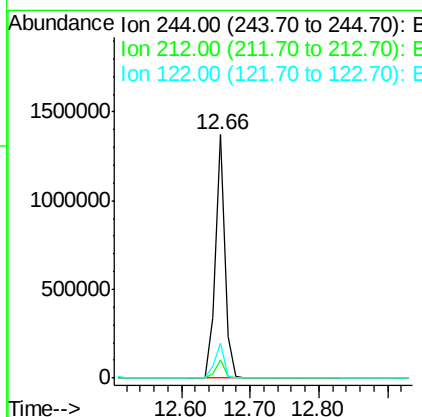
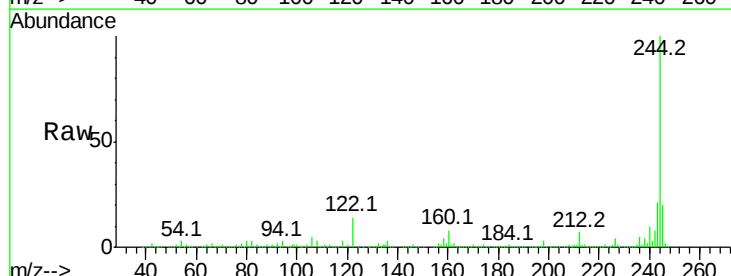
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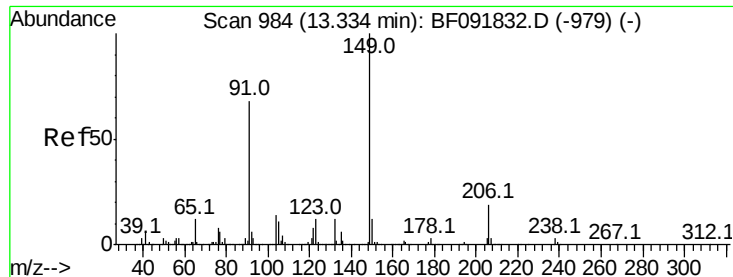
mohammad
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#78
Terphenyl-d14
Concen: 129.06 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:244 Resp: 1350790
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 14.3 11.4 17.2





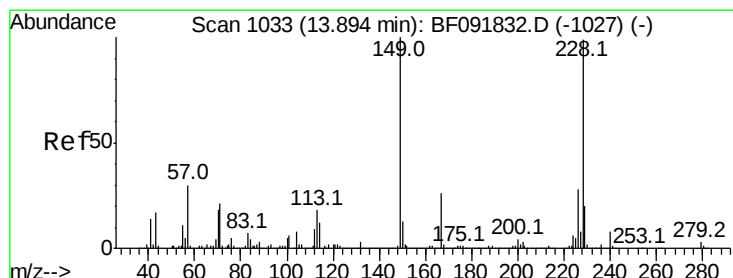
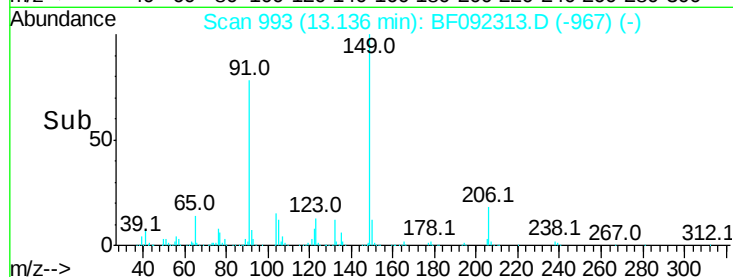
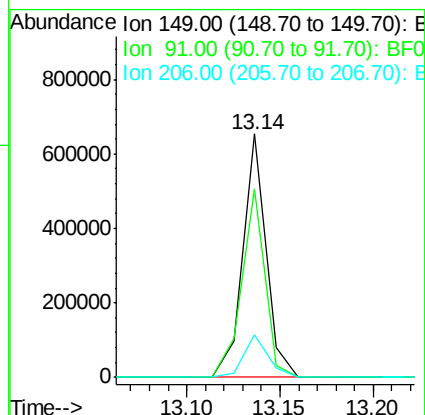
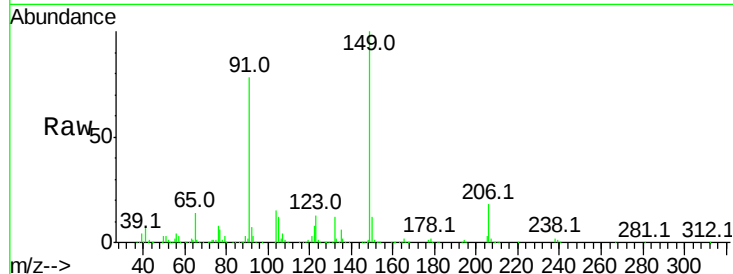
#79
Butylbenzylphthalate
Concen: 67.56 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	572296		
91	77.6	63.9	95.9	
206	17.6	14.6	21.8	

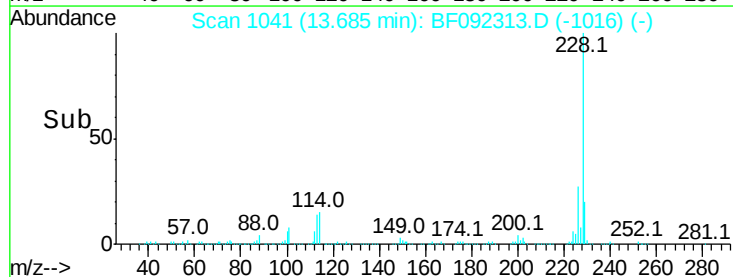
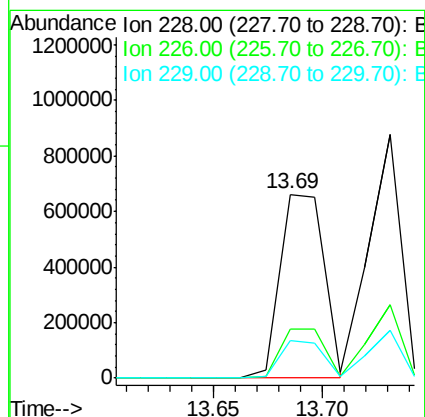
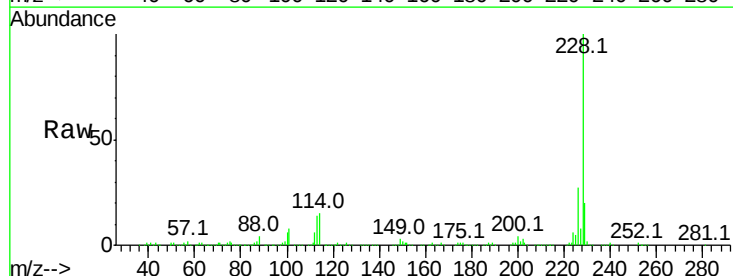
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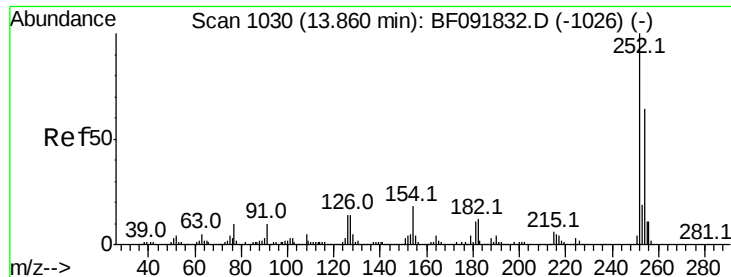
mohammad
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#80
Benzo(a)anthracene
Concen: 65.30 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	935696		
226	26.9	22.4	33.6	
229	20.3	16.2	24.4	





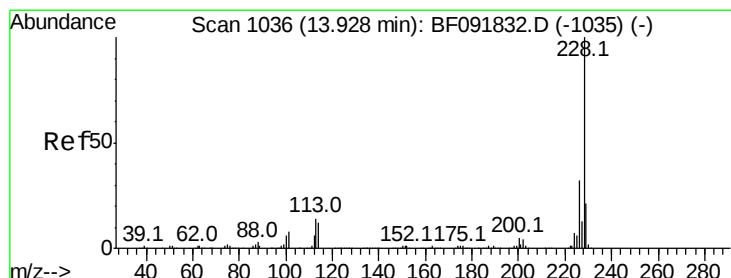
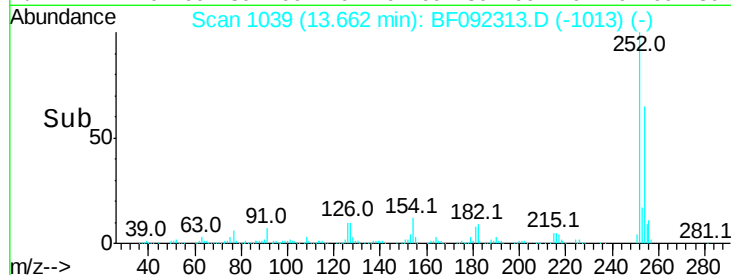
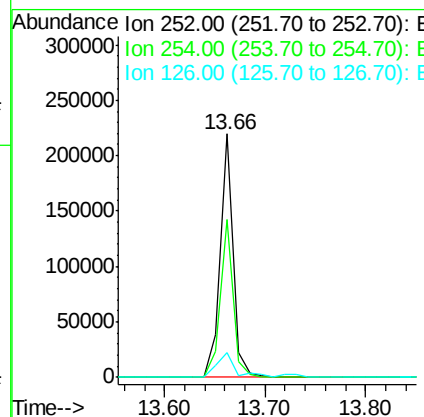
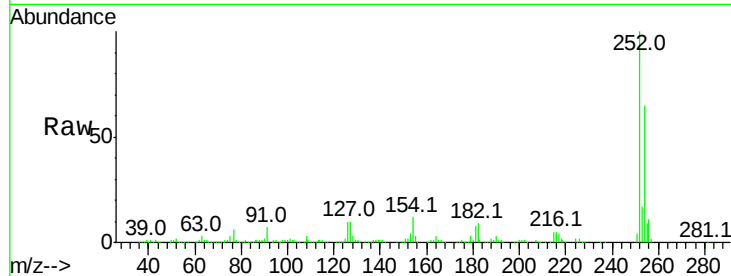
#81
 3,3'-Dichlorobenzidine
 Concen: 36.37 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	52.3	78.5
126	10.3	13.6	20.4

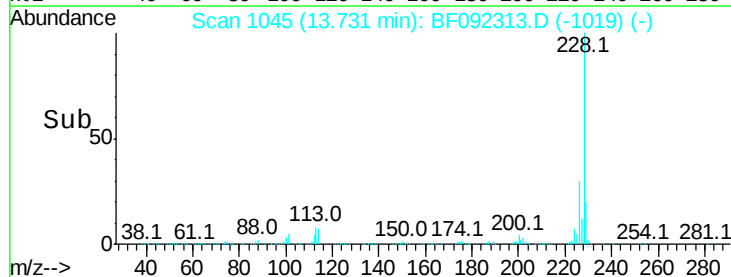
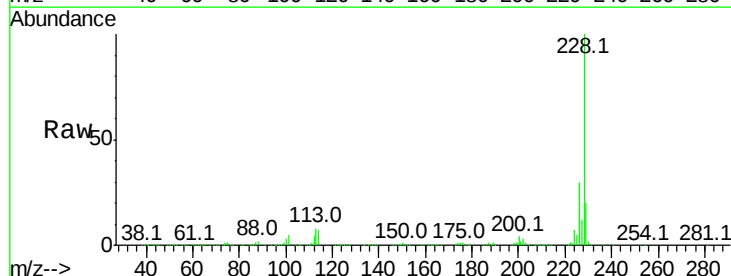
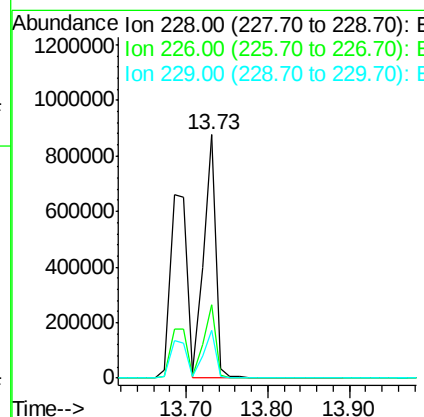
Manual Integrations
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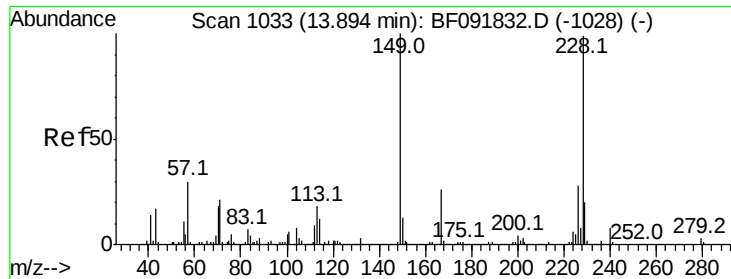
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#82
 Chrysene
 Concen: 63.19 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.4	38.0
229	19.8	16.2	24.2





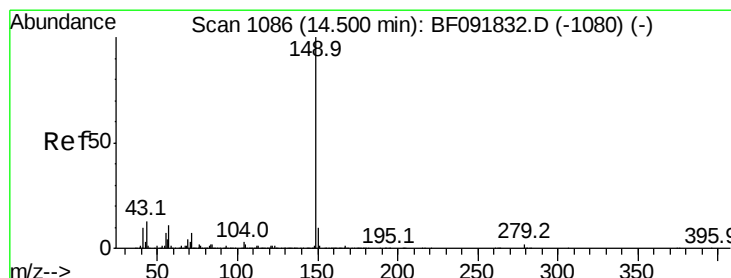
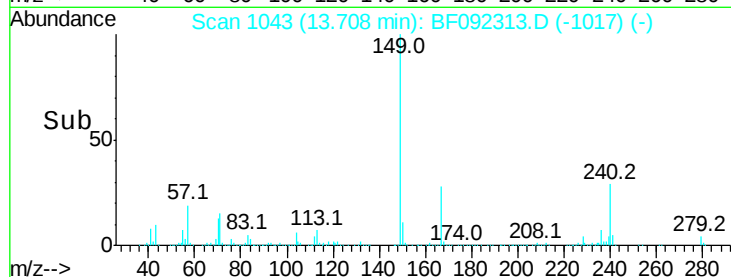
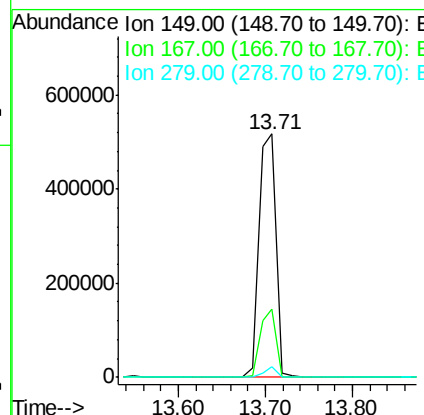
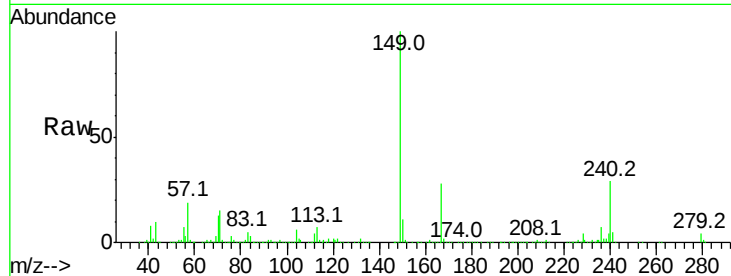
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 71.64 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.2	30.4
279	4.3	1.8	2.8

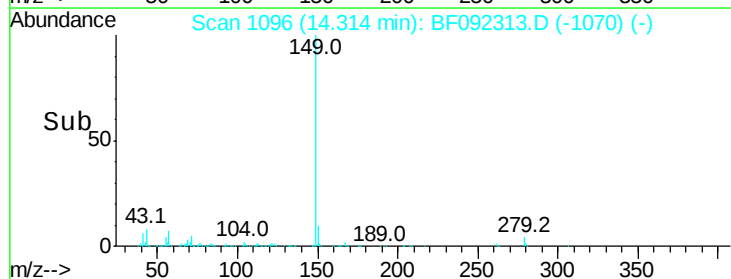
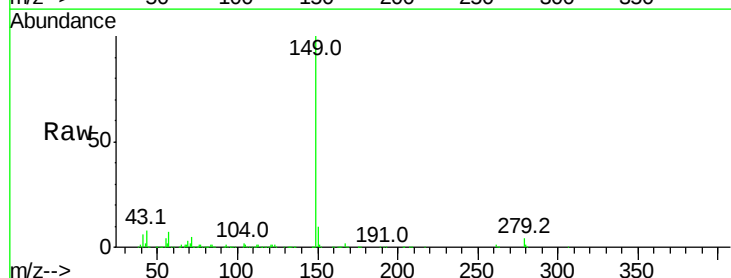
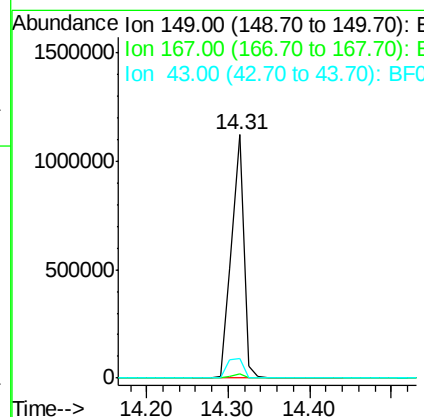
Manual Integrations
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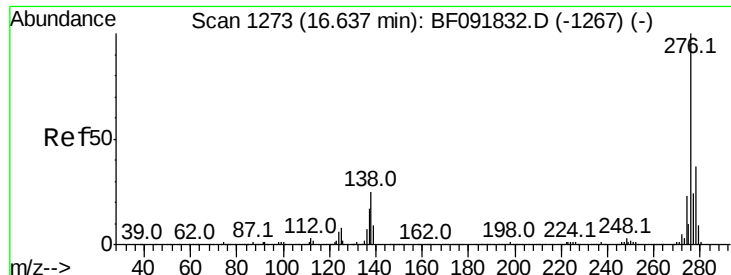
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 62.96 ng
 RT: 14.31 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.9	13.3





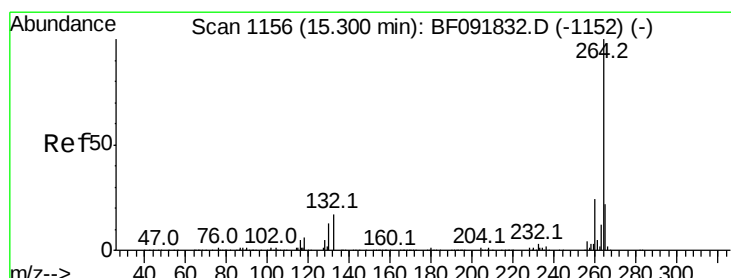
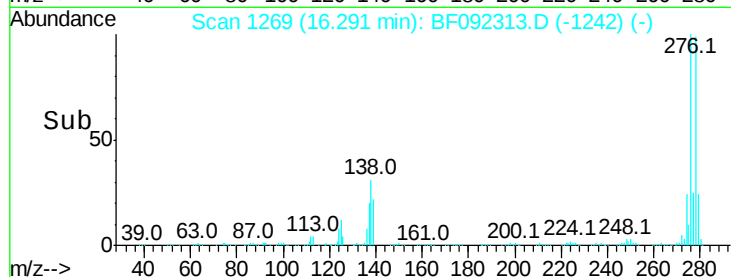
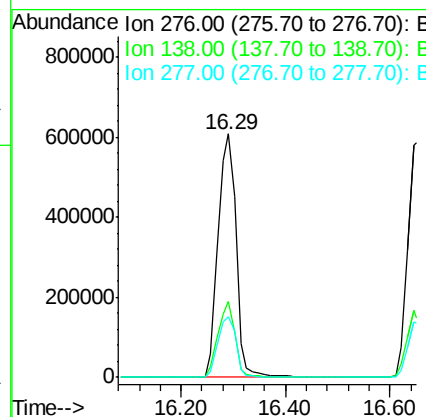
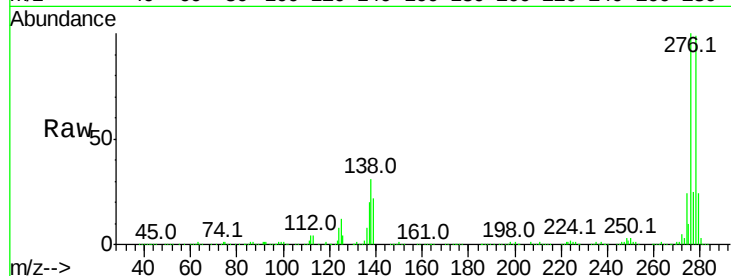
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 117.75 ng
 RT: 16.29 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.6
277	25.1	20.2	30.4

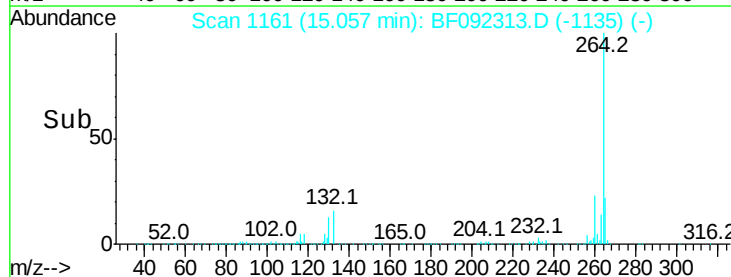
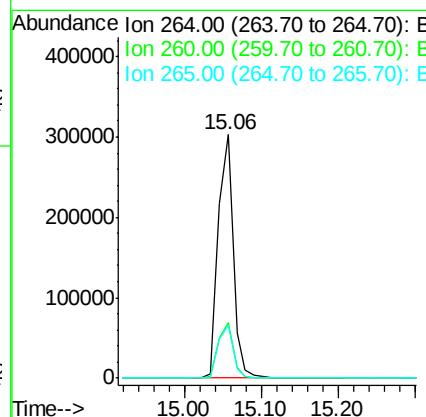
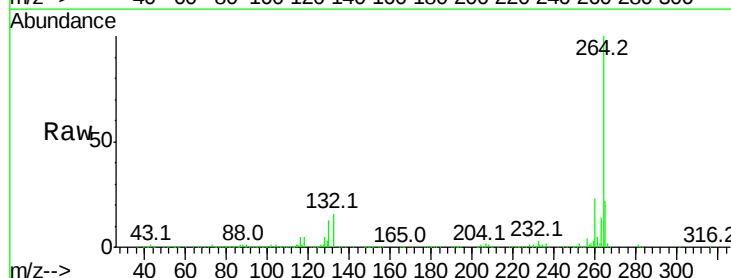
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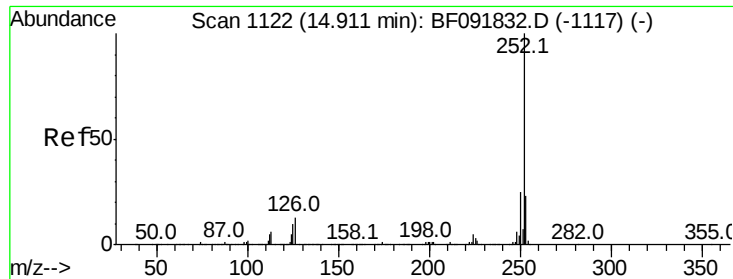
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.9	17.4	26.0





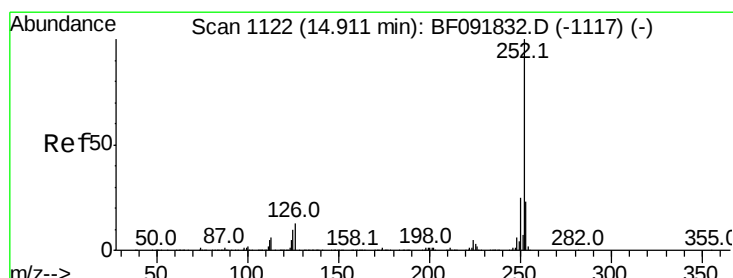
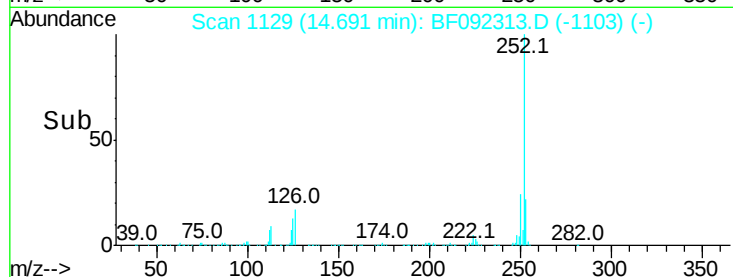
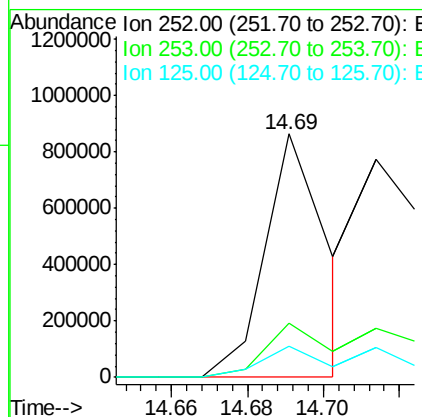
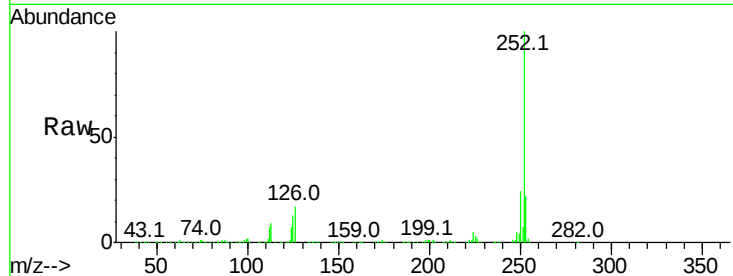
#87
Benzo(b)fluoranthene
Concen: 37.78 ng m
RT: 14.69 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.6	9.8	14.6

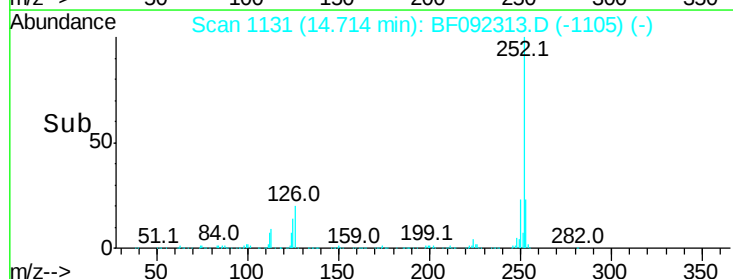
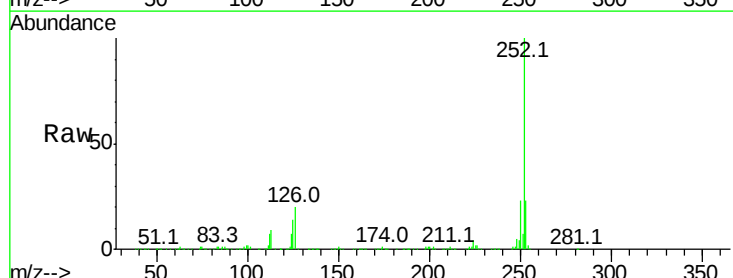
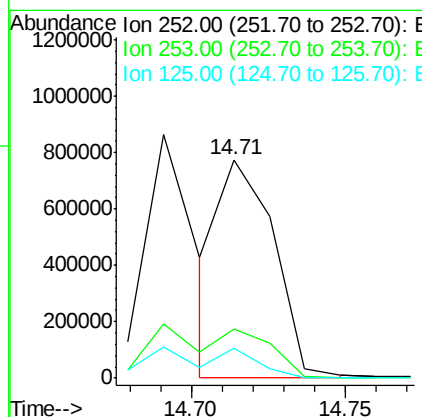
Manual Integrations
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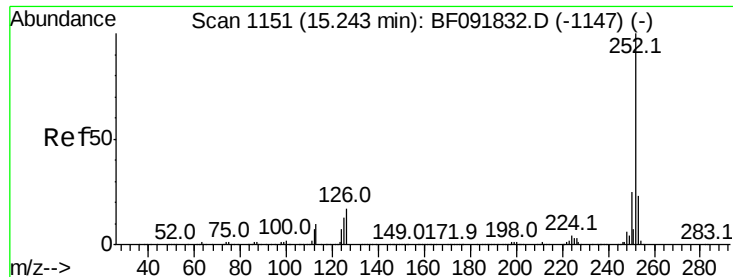
mohammad
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#88
Benzo(k)fluoranthene
Concen: 43.55 ng m
RT: 14.71 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	13.8	8.9	13.3#





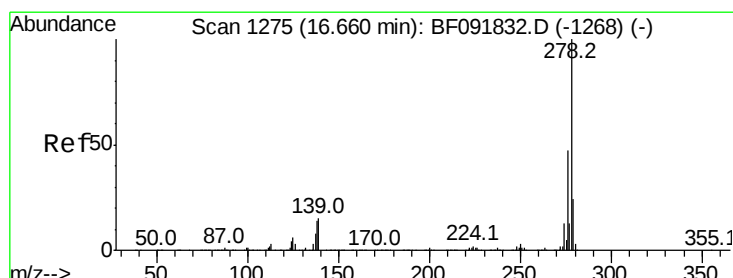
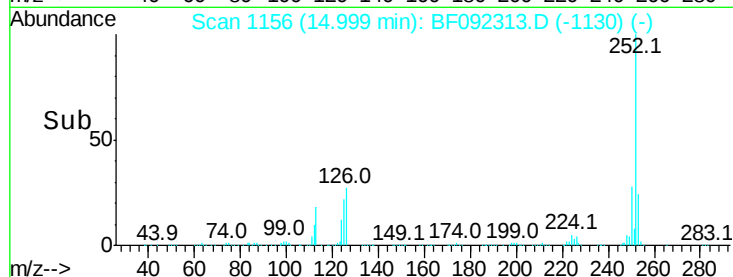
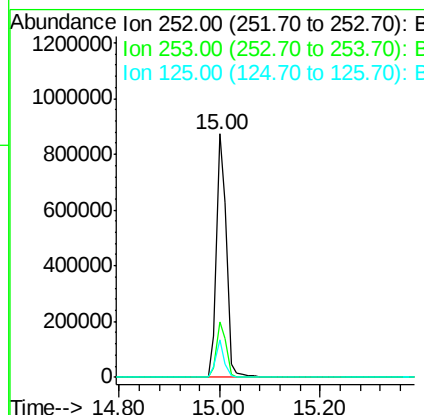
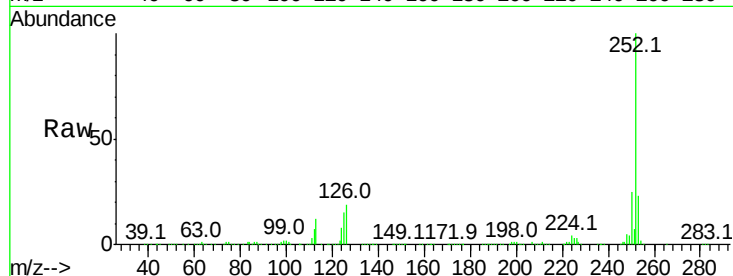
#89
Benzo(a)pyrene
Concen: 52.10 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tot Ion:252 Resp: 1190376
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 15.2 10.0 15.0#

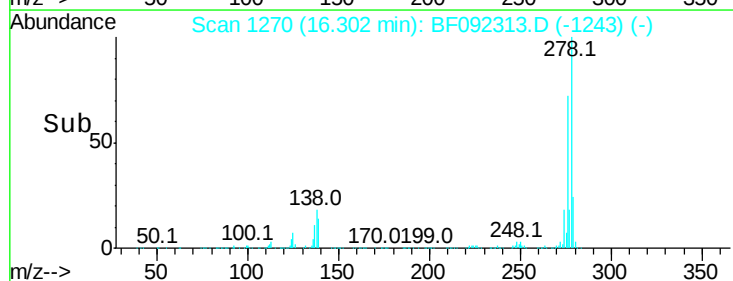
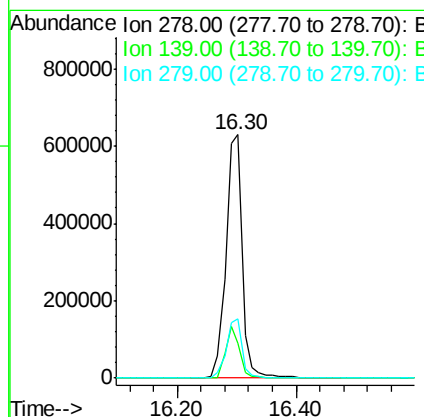
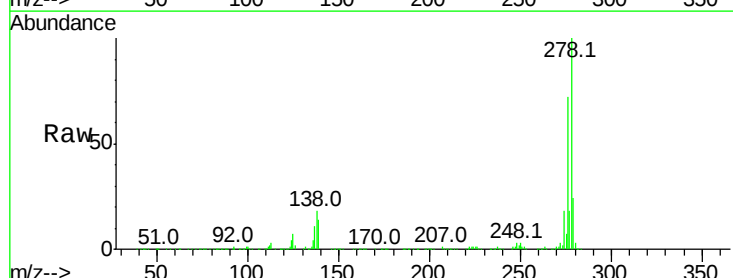
Manual Integrations
APPROVED

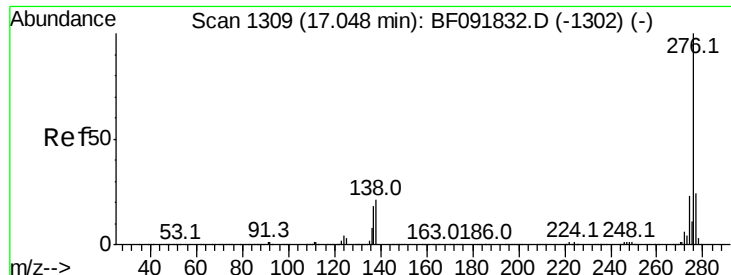
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 63.89 ng
RT: 16.30 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:278 Resp: 1199718
Ion Ratio Lower Upper
278 100
139 14.3 14.8 22.2#
279 24.1 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 66.49 ng
 RT: 16.66 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.2	28.8
138	22.0	16.0	24.0

Manual Integrations
 APPROVED

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