

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095036.D
 Acq On : 9 May 2017 22:48
 Operator : SJ/MA
 Sample : I3022-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Manual Integrations
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mohammad
 5/10/2017 11:46:56 AM

Quant Time: May 10 02:17:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	94560	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	380912	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	180251	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	335265	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	262186	20.00	ng	-0.02
86) Perylene-d12	20.29	264	185721	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	734004	129.41	ng	0.00
7) Phenol-d6	7.27	99	892713	131.18	ng	0.00
23) Nitrobenzene-d5	8.62	82	558732	92.50	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	218208	147.82	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1089352	86.99	ng	-0.02
78) Terphenyl-d14	17.29	244	1013357	85.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	97055	34.89	ng	92
3) Pyridine	2.88	79	195392m	30.31	ng	
4) n-Nitrosodimethylamine	2.77	42	107044	39.83	ng	85
6) Aniline	7.23	93	105528	12.28	ng	96
8) 2-Chlorophenol	7.41	128	310780	48.14	ng	95
9) Benzaldehyde	7.05	77	32258	7.76	ng	92
10) Phenol	7.29	94	313940	43.78	ng	88
11) bis(2-Chloroethyl)ether	7.35	93	277899	46.94	ng	97
12) 1,3-Dichlorobenzene	7.62	146	298170	40.72	ng	99
13) 1,4-Dichlorobenzene	7.74	146	294936	39.71	ng	96
14) 1,2-Dichlorobenzene	7.98	146	290038	41.84	ng	96
15) Benzyl Alcohol	8.01	79	236335	53.99	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.21	45	353392	42.18	ng	82
17) 2-Methylphenol	8.22	107	243932	46.17	ng	97
18) Hexachloroethane	8.50	117	94723	37.65	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	209869	45.60	ng	93
20) 3+4-Methylphenols	8.48	107	310746	43.29	ng	# 60
22) Acetophenone	8.39	105	437048	47.82	ng	# 84
24) Nitrobenzene	8.65	77	294254	46.47	ng	92
25) Isophorone	9.05	82	554888	51.44	ng	96
26) 2-Nitrophenol	9.15	139	163180	47.76	ng	97
27) 2,4-Dimethylphenol	9.30	122	277212	50.19	ng	96
28) bis(2-Chloroethoxy)methane	9.42	93	359219	48.14	ng	99
29) 2,4-Dichlorophenol	9.58	162	256626	49.20	ng	99
30) 1,2,4-Trichlorobenzene	9.66	180	244449	43.75	ng	99
31) Naphthalene	9.78	128	2652587	138.56	ng	99
32) Benzoic acid	9.63	122	166639	46.16	ng	95
33) 4-Chloroaniline	9.95	127	31905	4.47	ng	# 89
34) Hexachlorobutadiene	9.98	225	121858	41.33	ng	97
35) Caprolactam	10.56	113	70117m	44.77	ng	
36) 4-Chloro-3-methylphenol	10.77	107	276948	49.66	ng	93
37) 2-Methylnaphthalene	10.89	142	720977	57.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	237483	42.84	ng	100
40) Hexachlorocyclopentadiene	11.15	237	190148	81.48	ng	99

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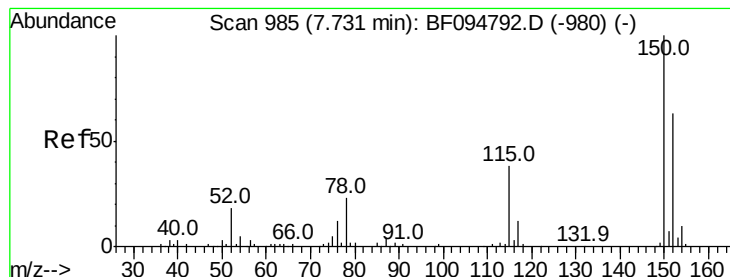
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	179233	48.43	nq	100
43) 2,4,5-Trichlorophenol	11.48	196	183977	46.25	nq	# 93
45) 1,1'-Biphenyl	11.66	154	682032	44.94	nq	98
46) 2-Chloronaphthalene	11.68	162	508391	41.49	nq	96
47) 2-Nitroaniline	11.89	65	152075	45.34	nq	# 84
48) Acenaphthylene	12.34	152	1177846	61.37	nq	99
49) Dimethylphthalate	12.21	163	672997	45.48	nq	98
50) 2,6-Dinitrotoluene	12.30	165	149443	49.50	nq	95
51) Acenaphthene	12.62	154	550017	47.98	nq	99
52) 3-Nitroaniline	12.58	138	42118	13.00	nq	89
53) 2,4-Dinitrophenol	12.77	184	161326	95.69	nq	# 68
54) Dibenzofuran	12.91	168	783475	49.39	nq	98
55) 4-Nitrophenol	12.95	139	185630	95.38	nq	# 71
56) 2,4-Dinitrotoluene	12.97	165	202902	52.31	nq	# 89
57) Fluorene	13.46	166	711800	51.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	147852	59.06	nq	92
59) Diethylphthalate	13.36	149	649975	45.83	nq	98
60) 4-Chlorophenyl-phenylether	13.48	204	286571	47.27	nq	91
61) 4-Nitroaniline	13.58	138	111884	37.61	nq	95
62) Azobenzene	13.74	77	599339	52.59	nq	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	104916	46.68	nq	# 71
65) n-Nitrosodiphenylamine	13.69	169	467039	38.38	nq	100
66) 4-Bromophenyl-phenylether	14.27	248	160970	45.45	nq	98
67) Hexachlorobenzene	14.35	284	163852	45.14	nq	# 88
68) Atrazine	14.61	200	114937	33.45	nq	98
69) Pentachlorophenol	14.71	266	153016	92.26	nq	99
70) Phenanthrene	15.01	178	1037005	53.83	nq	99
71) Anthracene	15.09	178	981791	49.90	nq	98
72) Carbazole	15.37	167	777654	43.44	nq	98
73) Di-n-butylphthalate	15.94	149	1075359	48.16	nq	99
74) Fluoranthene	16.74	202	961681	48.67	nq	99
76) Benzidine	16.99	184	14615	8.37	nq	# 91
77) Pyrene	17.05	202	901086	45.95	nq	99
79) Butylbenzylphthalate	17.95	149	439465	48.18	nq	# 87
80) Benzo(a)anthracene	18.62	228	748967	49.08	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	32612	6.19	nq	# 97
82) Chrysene	18.66	228	721526	48.90	nq	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	652916	50.24	nq	# 100
84) Di-n-octyl phthalate	19.46	149	1040502	48.84	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	572757	47.80	nq	100
87) Benzo(b)fluoranthene	19.89	252	602249	52.48	nq	99
88) Benzo(k)fluoranthene	19.92	252	594458	53.70	nq	# 95
89) Benzo(a)pyrene	20.24	252	552147	52.14	nq	99
90) Dibenzo(a,h)anthracene	21.59	278	483353	55.27	nq	98
91) Benzo(g,h,i)perylene	21.96	276	489762	57.07	nq	97

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



#1

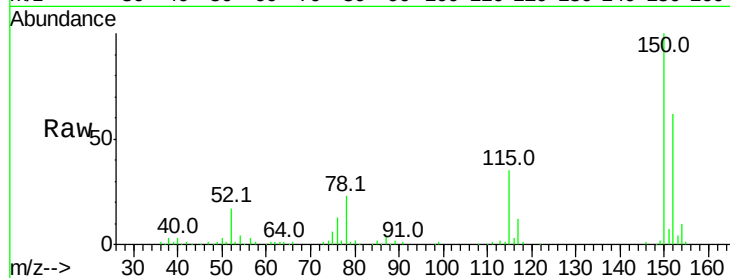
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

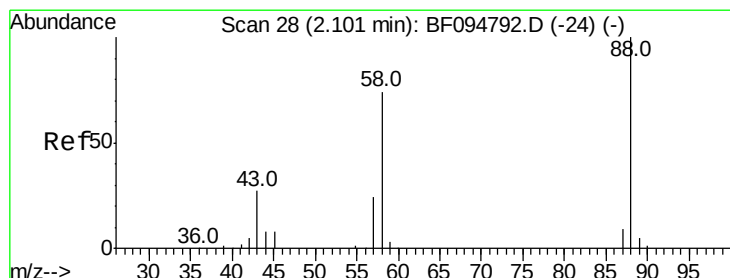
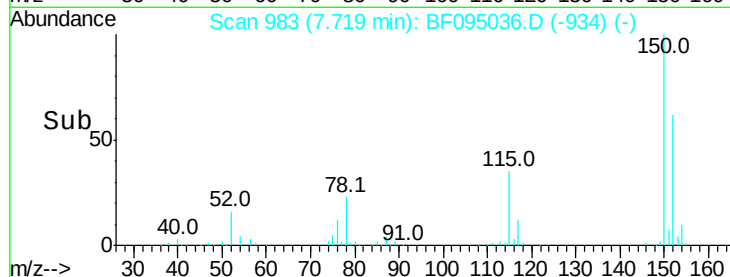
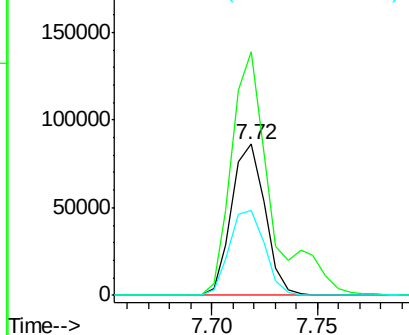
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.2
115	56.5	52.2	78.2

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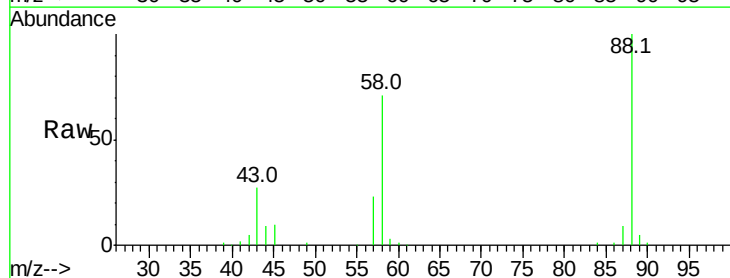
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



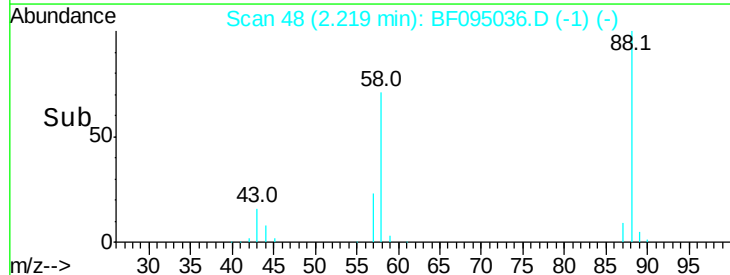
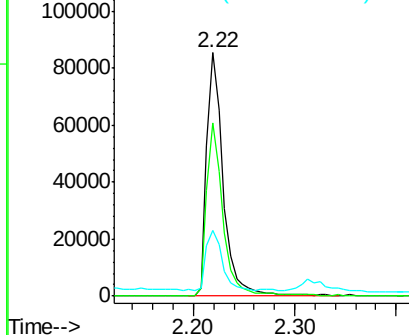
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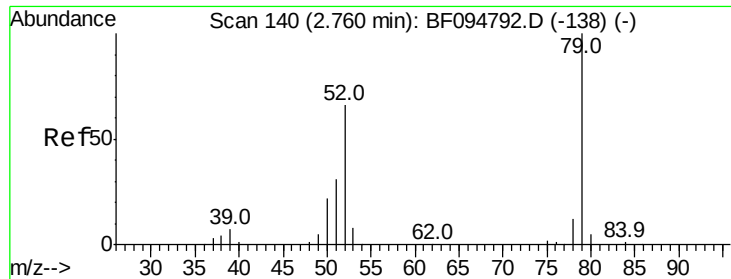
1,4-Dioxane
Concen: 34.89 ng
RT: 2.22 min Scan# 48
Delta R.T. 0.12 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	61.4	92.0
43	24.5	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





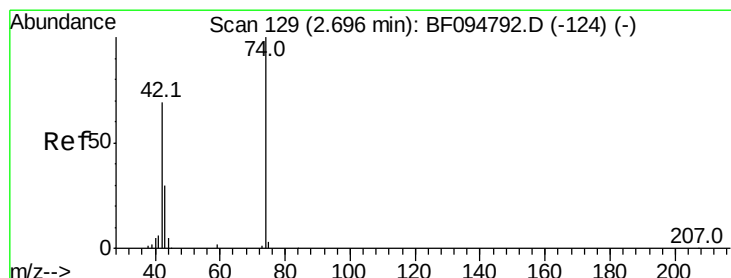
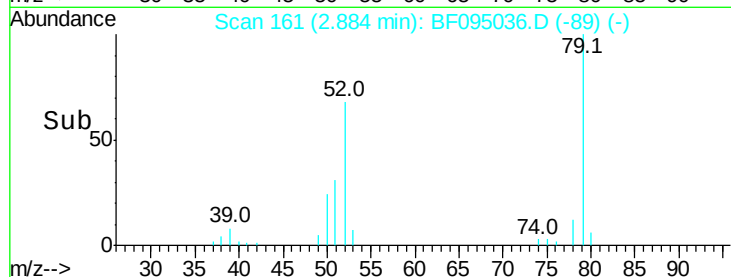
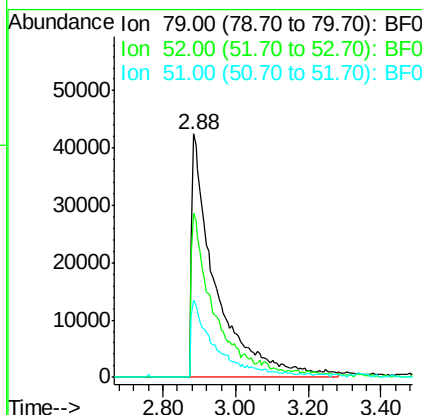
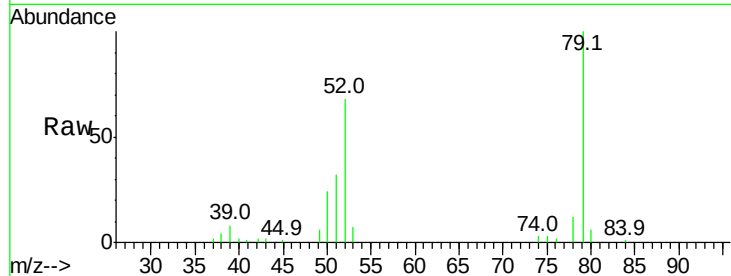
#3
 Pvridine
 Concen: 30.31 ng/ml
 RT: 2.88 min Scan# 161
 Delta R.T. 0.12 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	54.8	82.2
51	31.6	27.0	40.4

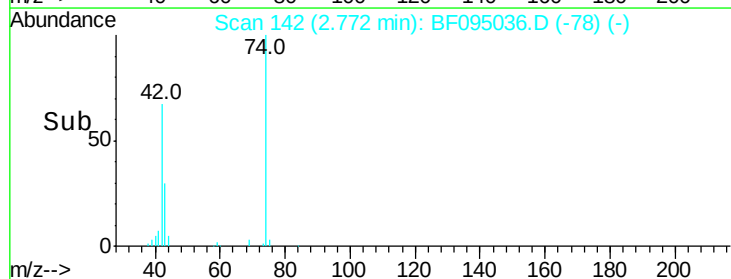
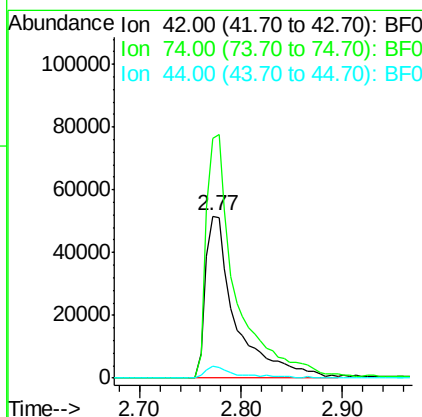
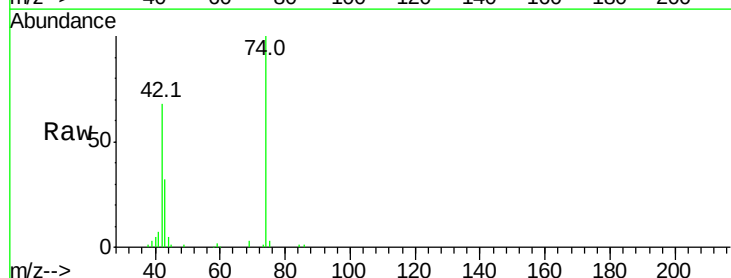
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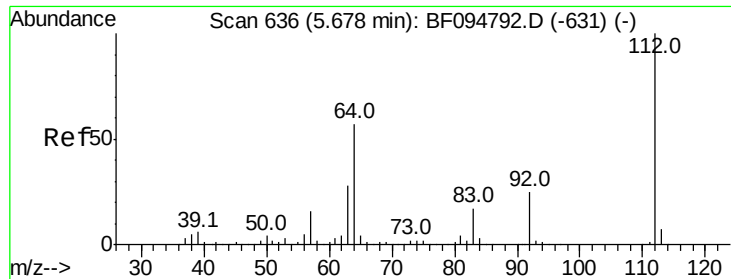
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#4
 n-Nitrosodimethylamine
 Concen: 39.83 ng
 RT: 2.77 min Scan# 142
 Delta R.T. 0.08 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.8	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 129.41 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

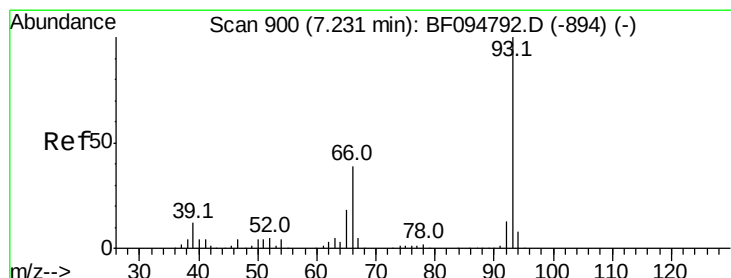
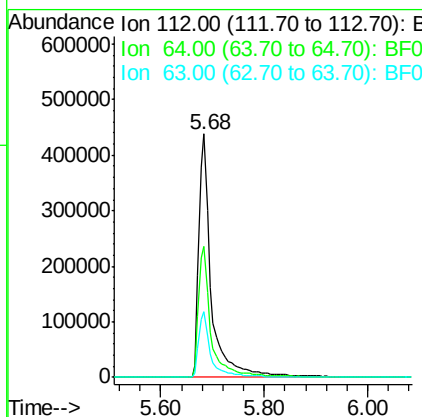
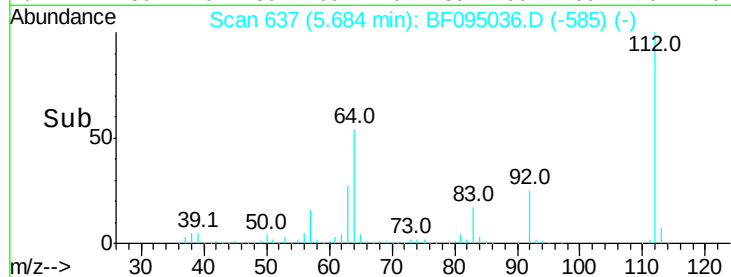
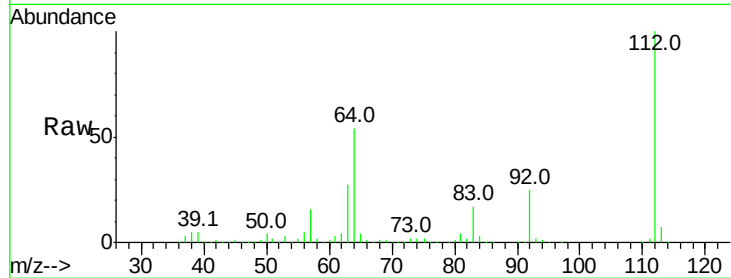
ClientSampleId :

WC-COMP-15MSD

Tot Ion:	112	Resp:	734004
Ion Ratio	Lower	Upper	
112	100		
64	53.9	46.0	69.0
63	26.8	23.4	35.0

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#6

Aniline

Concen: 12.28 ng

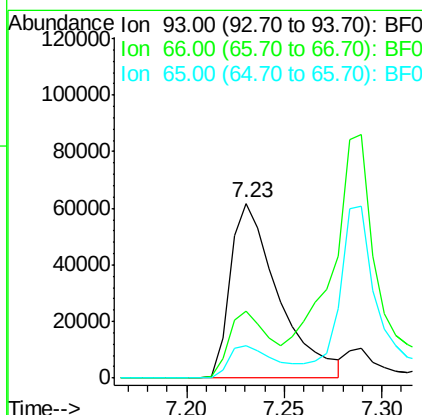
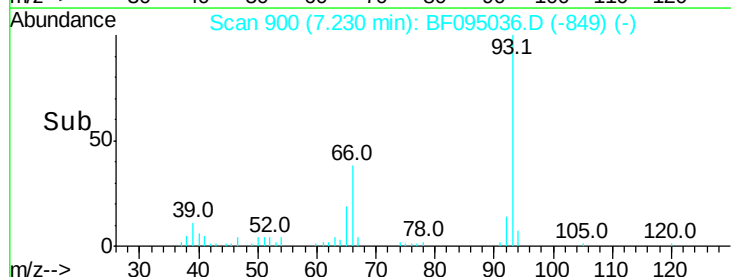
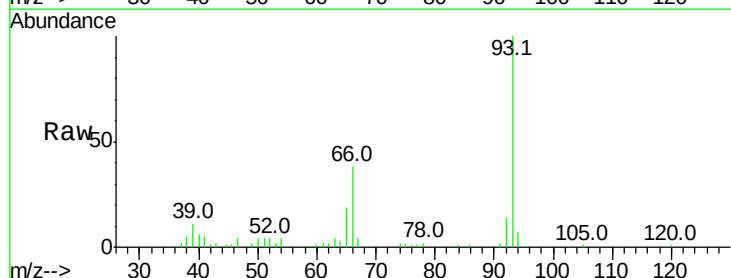
RT: 7.23 min Scan# 900

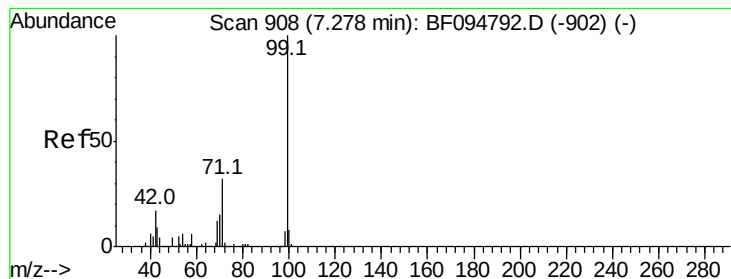
Delta R.T. -0.00 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:	93	Resp:	105528
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.9	49.3
65	18.9	16.0	24.0





#7

Phenol-d6

Concen: 131.18 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

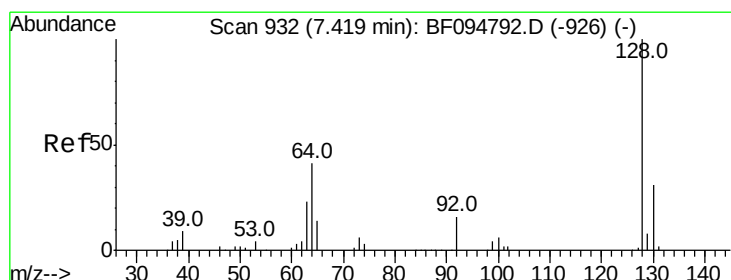
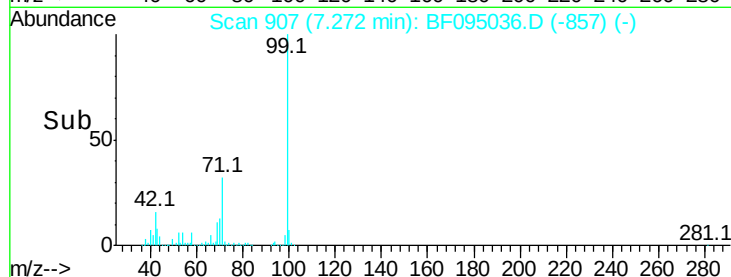
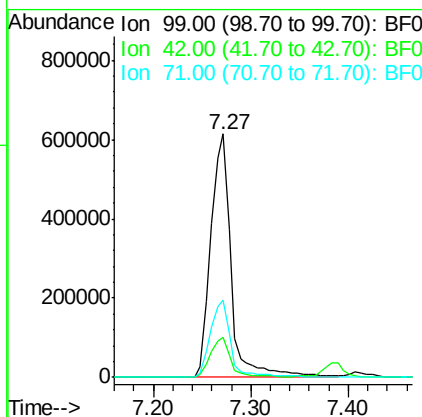
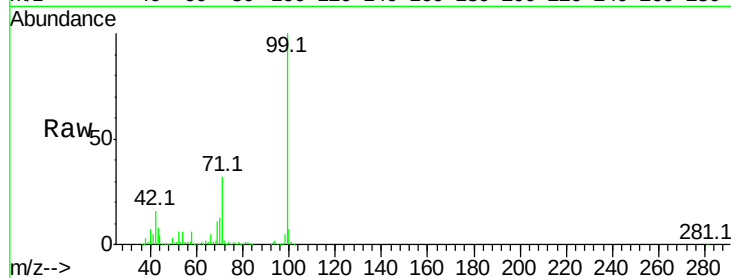
ClientSampleId :

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Tot Ion	99	Resp	892713
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 48.14 ng

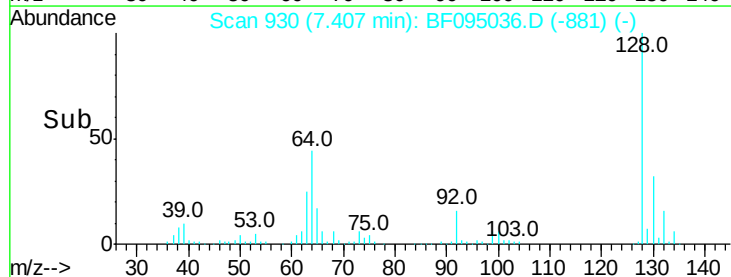
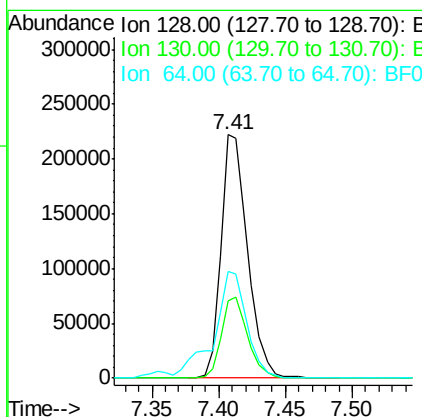
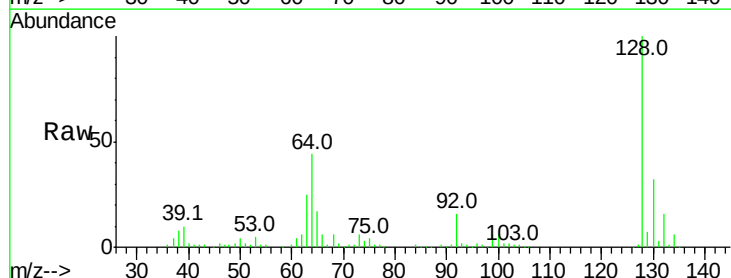
RT: 7.41 min Scan# 930

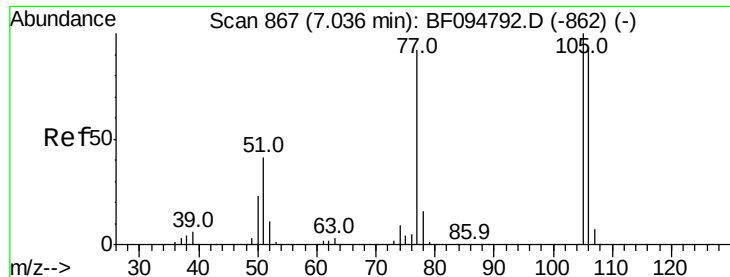
Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion	128	Resp	310780
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	43.7	28.4	68.4





#9

Benzaldehyde

Concen: 7.76 ng

RT: 7.05 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

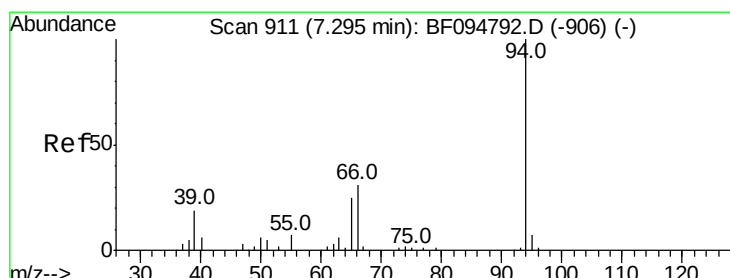
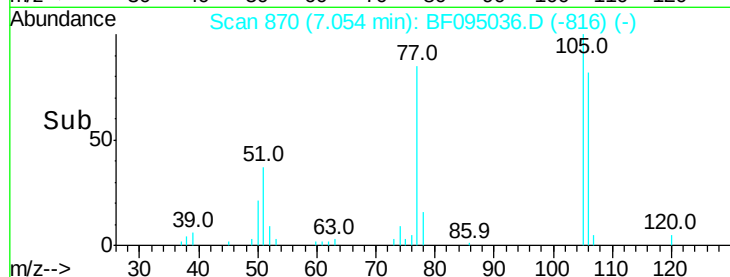
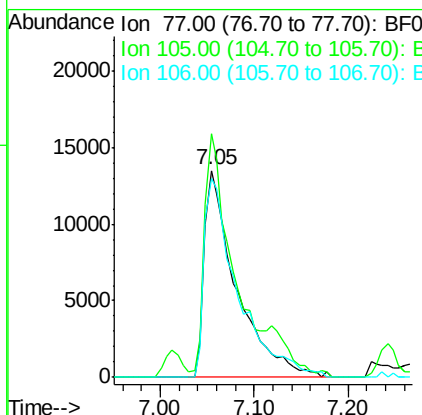
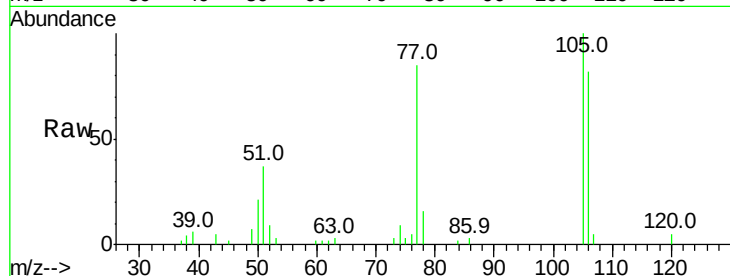
ClientSampleId :

WC-COMP-15MSD

Tot Ion: 77 Resp: 32258
 Ion Ratio Lower Upper
 77 100
 105 117.7 83.8 123.8
 106 96.4 79.1 119.1

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#10

Phenol

Concen: 43.78 ng

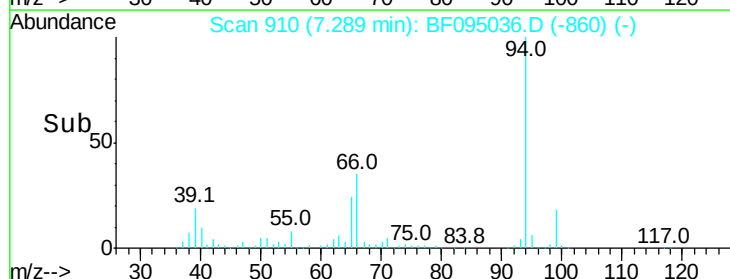
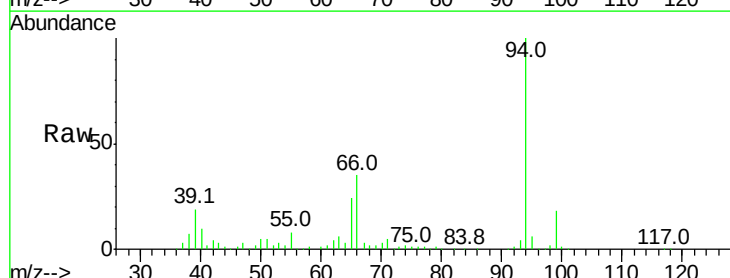
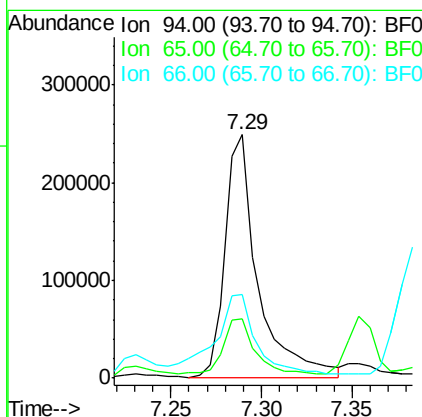
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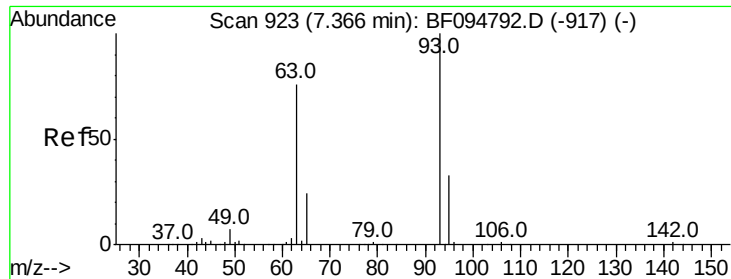
Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion: 94 Resp: 313940
 Ion Ratio Lower Upper
 94 100
 65 24.5 9.9 49.9
 66 34.5 23.1 63.1





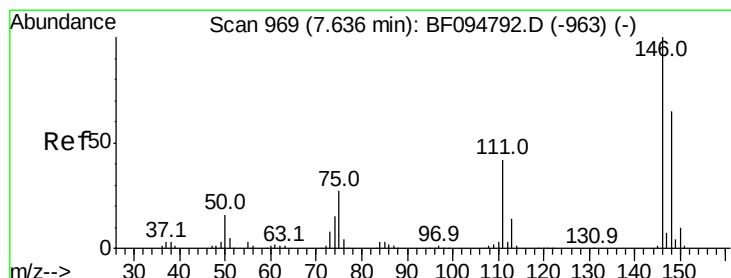
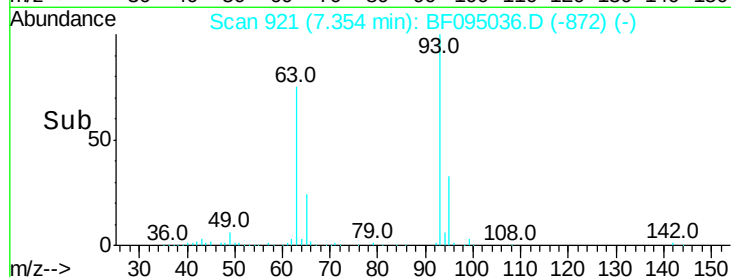
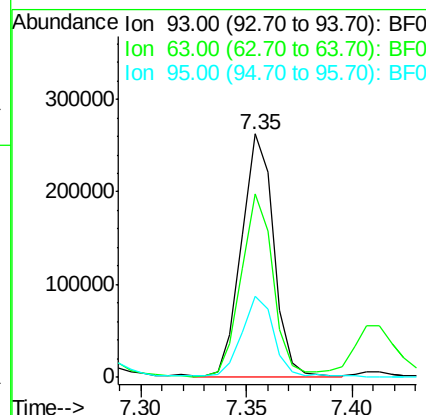
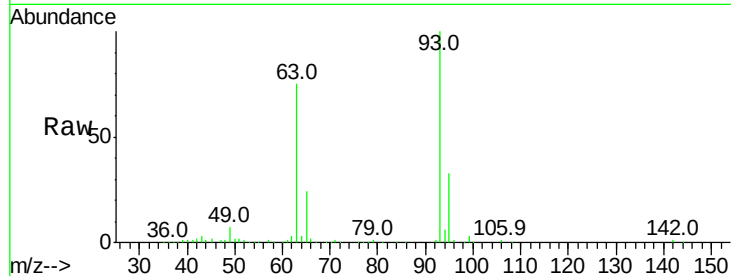
#11
bis(2-Chloroethyl)ether
Concen: 46.94 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.2	99.2
95	33.2	12.8	52.8

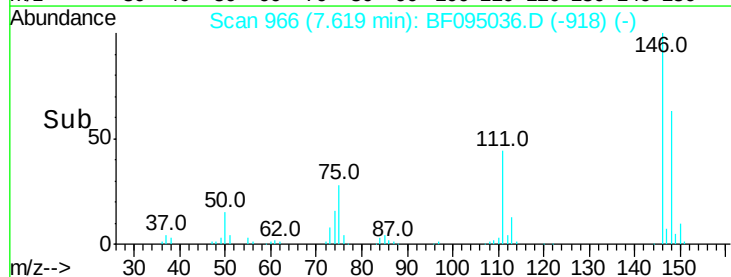
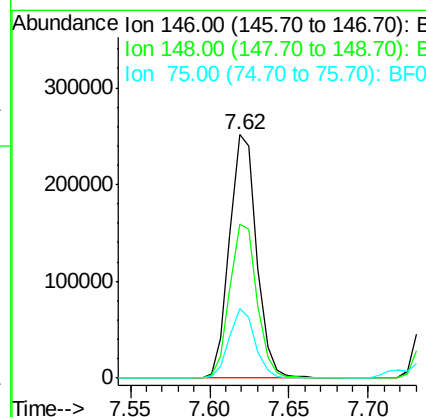
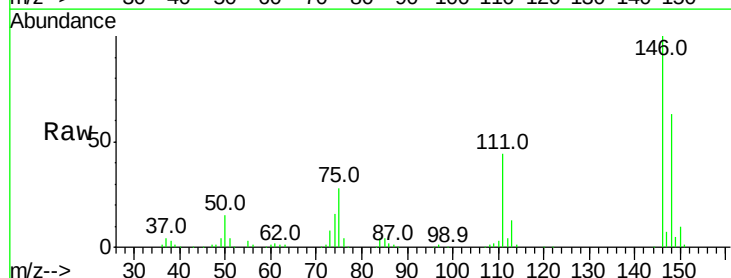
Manual Integrations
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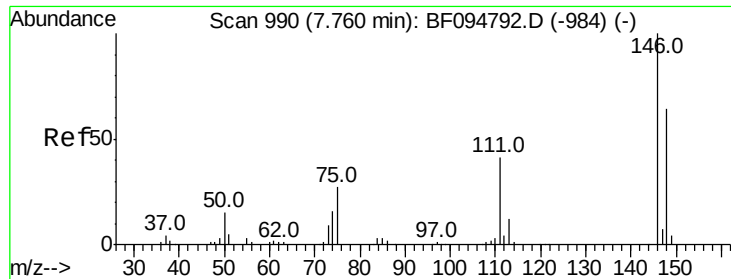
mohammad
5/10/2017 11:46:56 AM



#12
1,3-Dichlorobenzene
Concen: 40.72 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	28.4	23.1	34.7





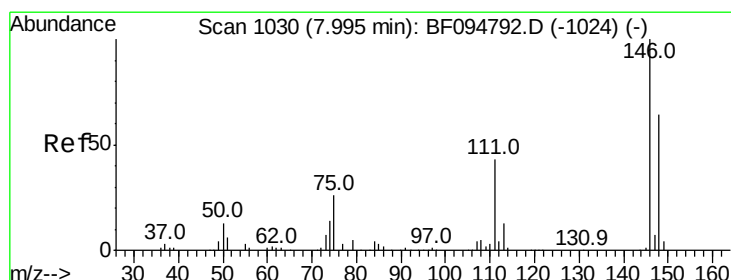
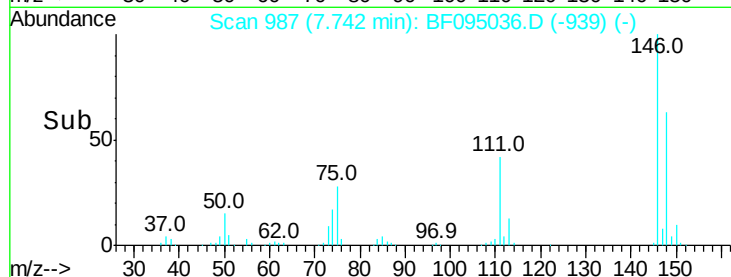
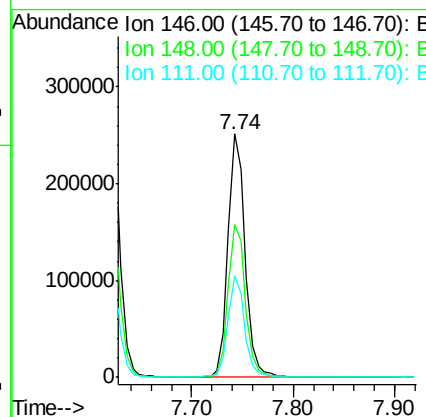
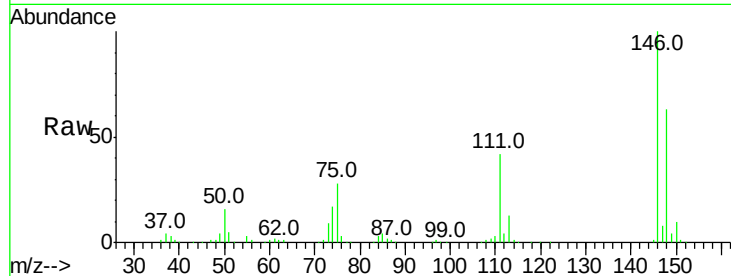
#13
 1,4-Dichlorobenzene
 Concen: 39.71 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	41.6	30.3	45.5

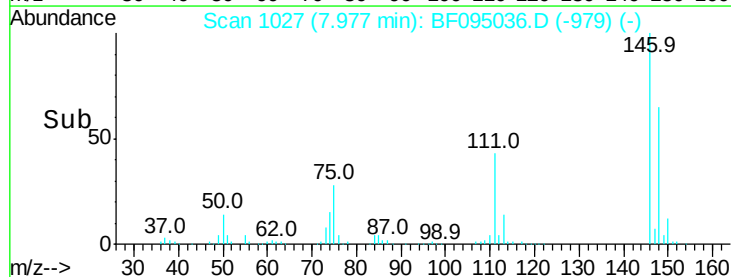
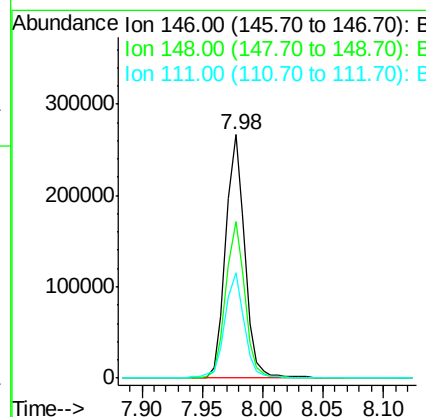
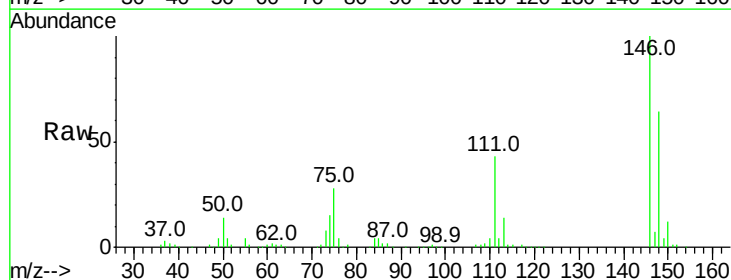
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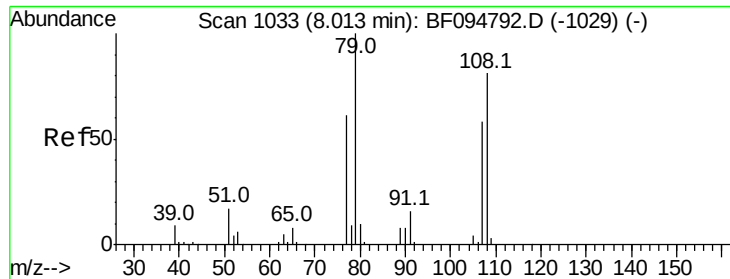
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.84 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	43.1	38.2	57.4





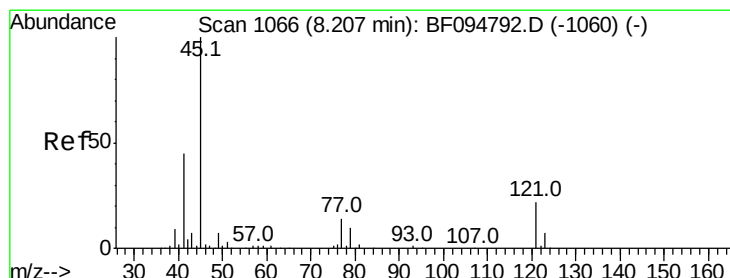
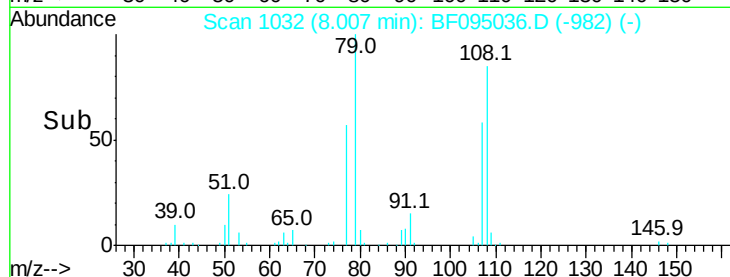
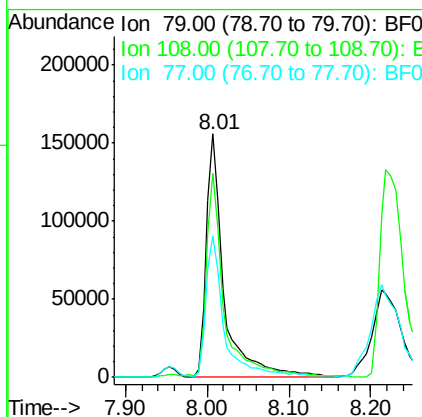
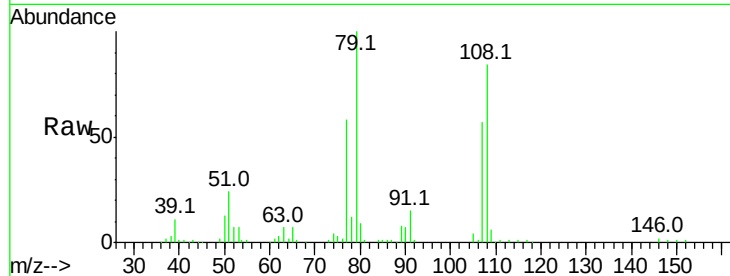
#15
Benzyl Alcohol
Concen: 53.99 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.7	63.4	95.0
77	58.2	49.2	73.8

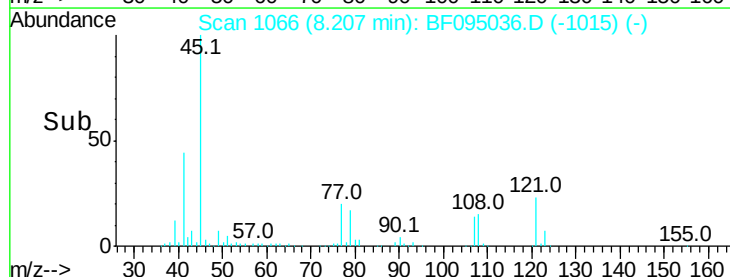
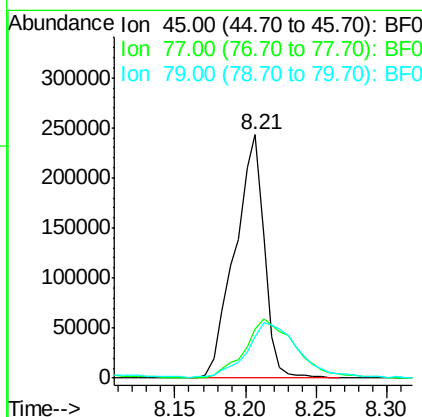
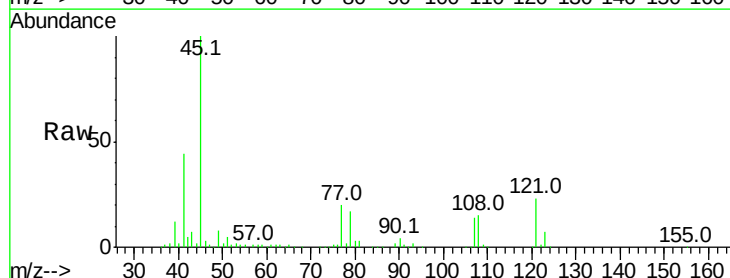
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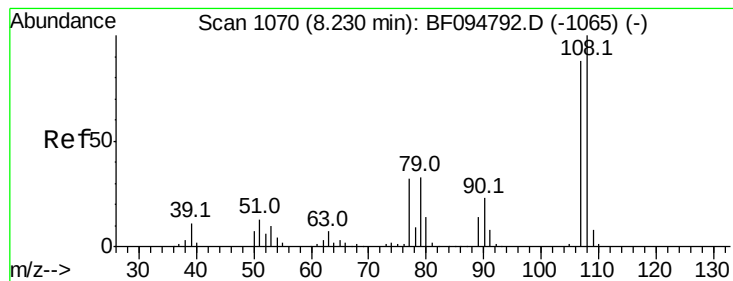
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.18 ng
RT: 8.21 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.0	33.2
79	17.0	0.0	30.0





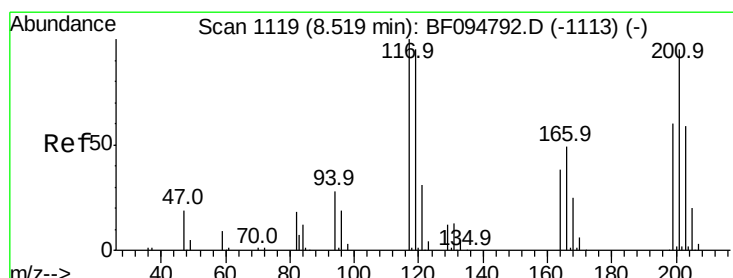
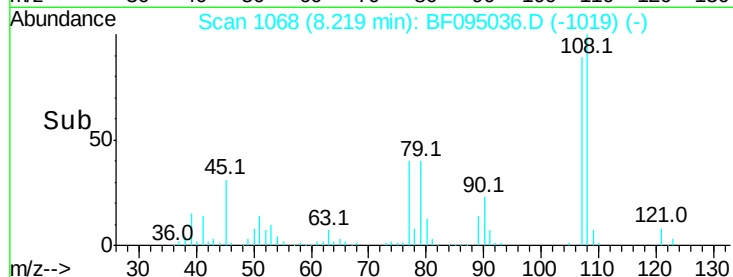
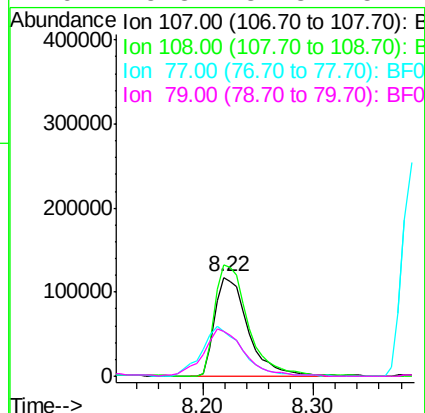
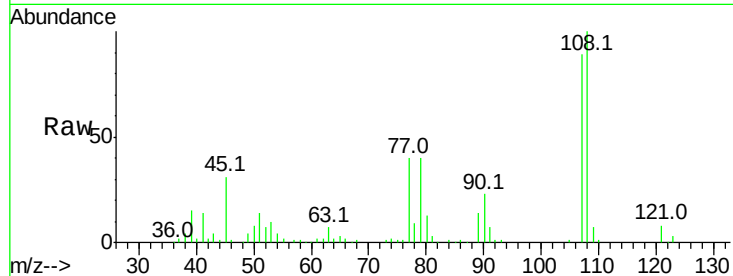
#17
2-Methylphenol
Concen: 46.17 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	93.4	140.0	
77	44.9	35.8	53.6	
79	45.3	34.8	52.2	

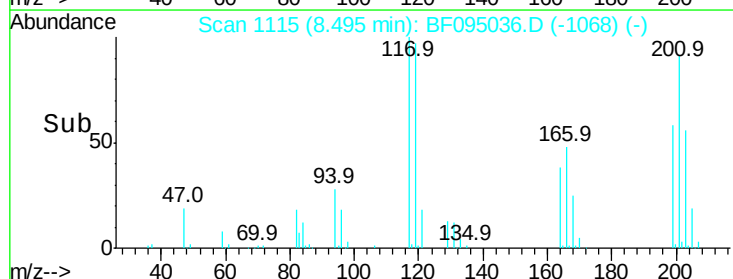
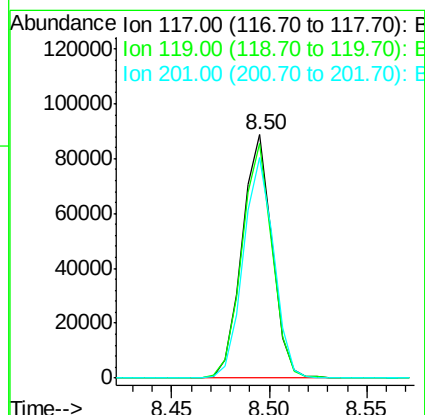
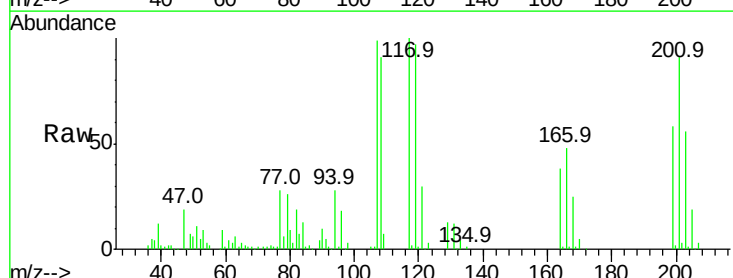
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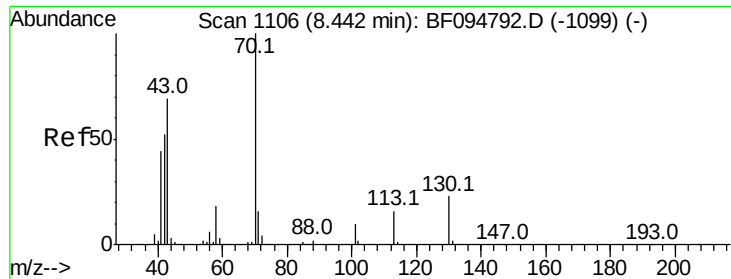
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#18
Hexachloroethane
Concen: 37.65 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.0	
201	90.7	94.6	141.8#	





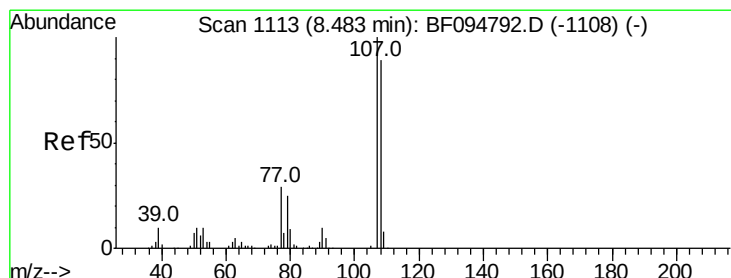
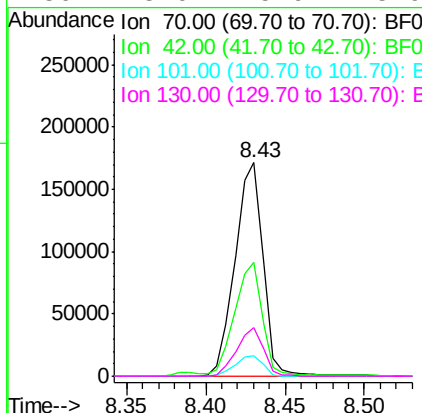
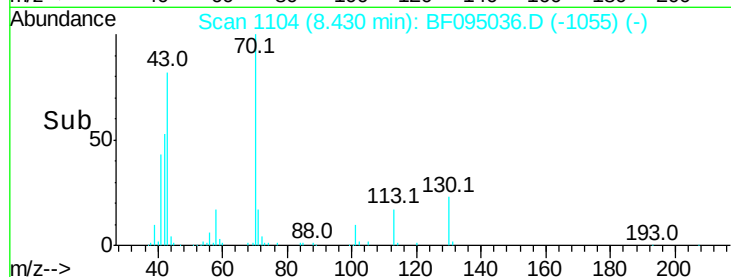
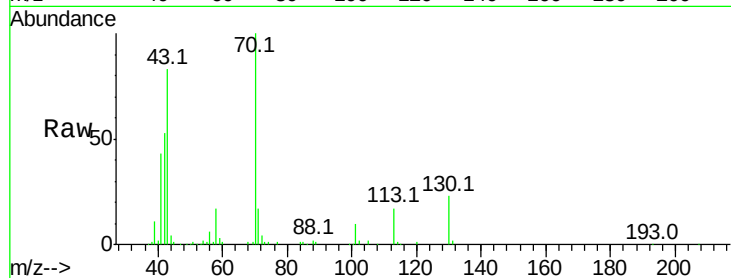
#19
n-Nitroso-di-n-propylamine
Concen: 45.60 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.2	70.8
101	9.8	7.2	10.8
130	23.0	15.9	23.9

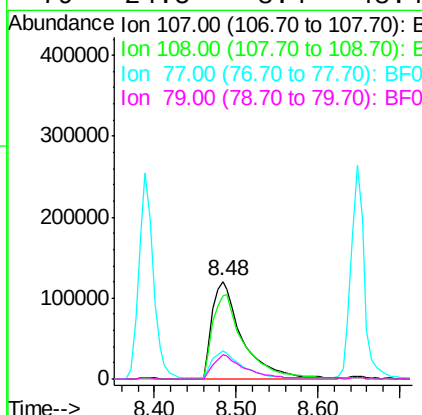
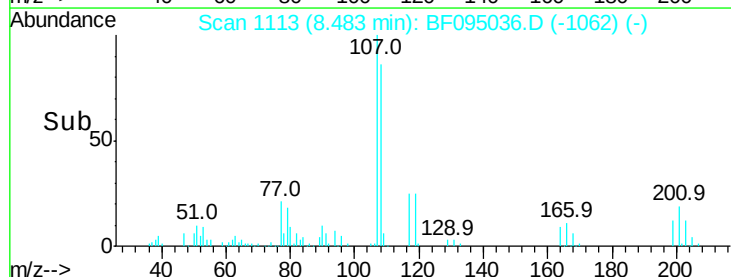
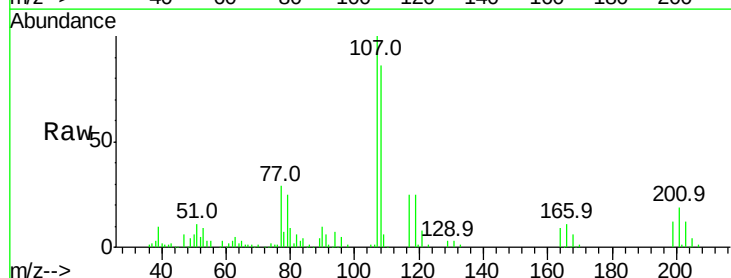
Manual Integrations
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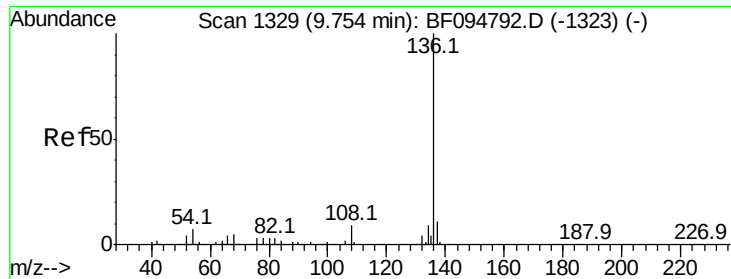
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#20
3+4-Methylphenols
Concen: 43.29 ng
RT: 8.48 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	71.0	111.0
77	28.7	90.5	130.5#
79	24.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

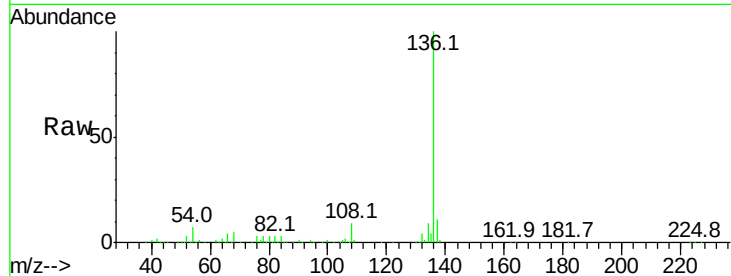
ClientSampleId :

WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	380912		
137	10.5		8.5	12.7
54	6.7		4.9	7.3
68	5.1		4.1	6.1

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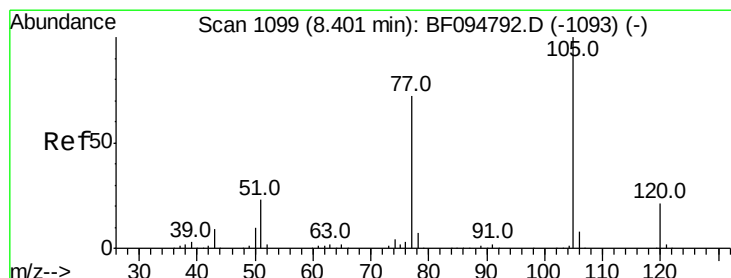
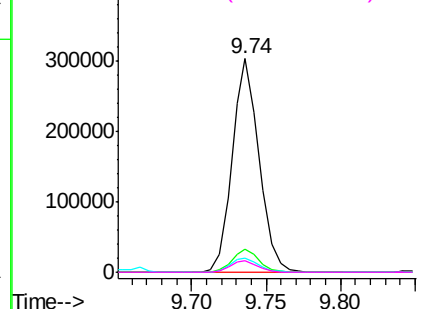
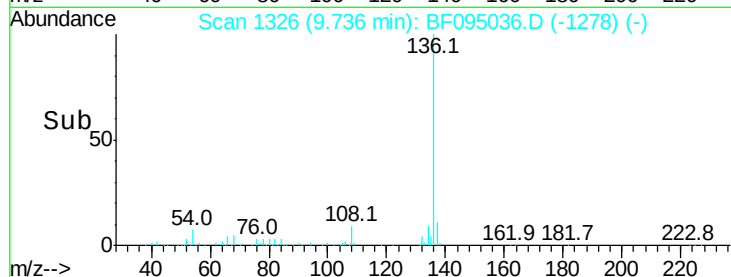


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.82 ng

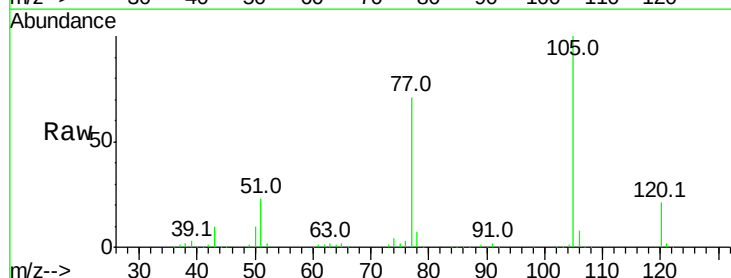
RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	437048		
71	0.0		2.8	4.2#
51	23.0		30.7	46.1#
120	21.2		17.4	26.0

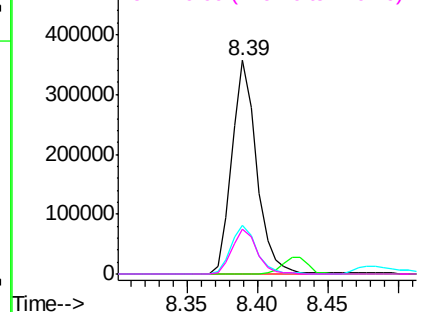
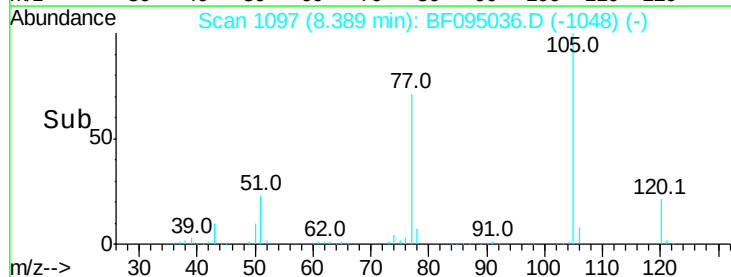


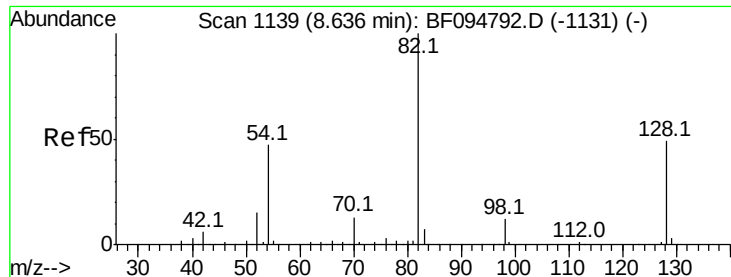
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





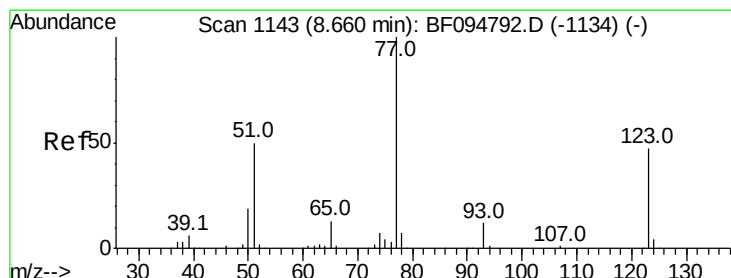
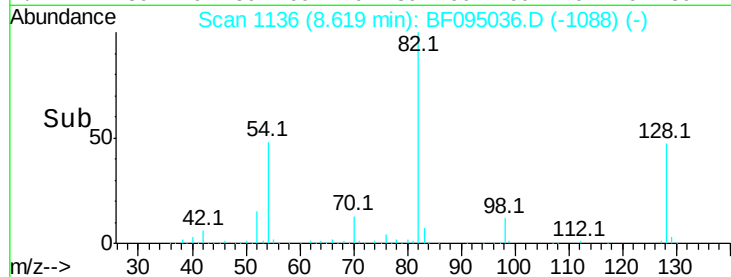
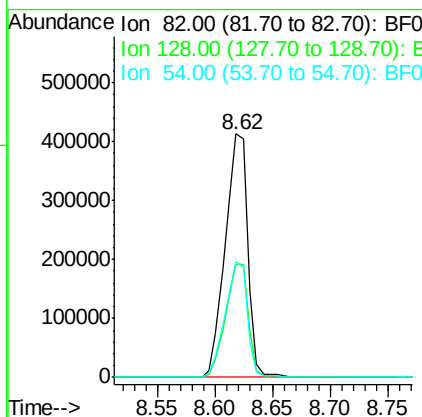
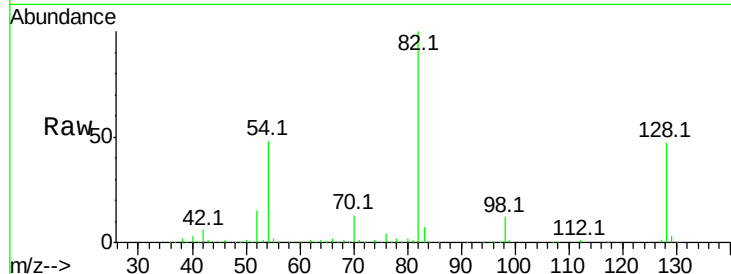
#23
 Nitrobenzene-d5
 Concen: 92.50 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	47.6	42.2	63.2

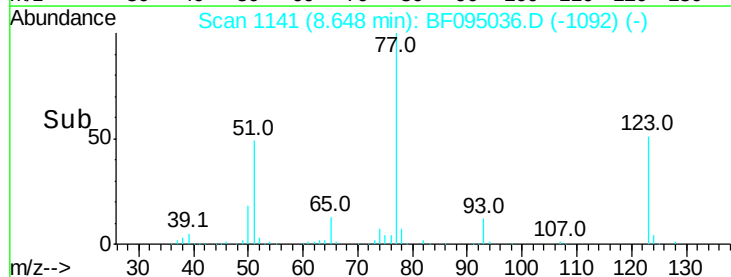
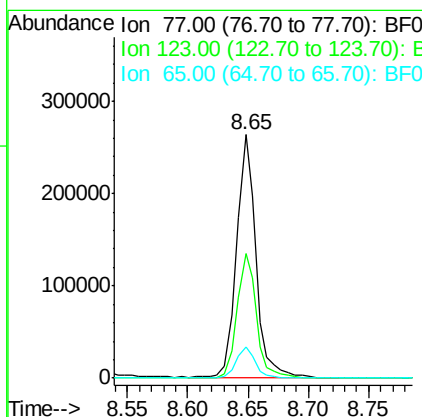
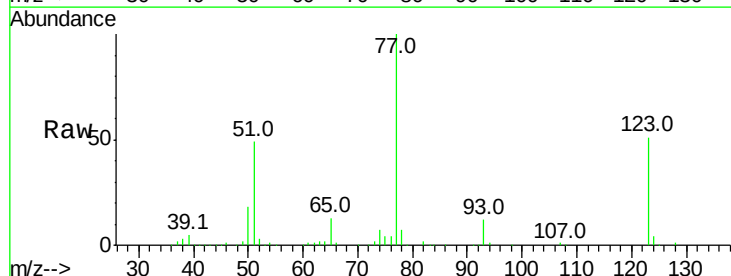
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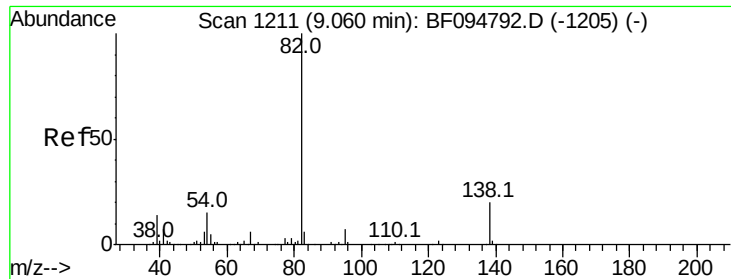
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#24
 Nitrobenzene
 Concen: 46.47 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.8	53.8
65	12.7	10.6	15.8





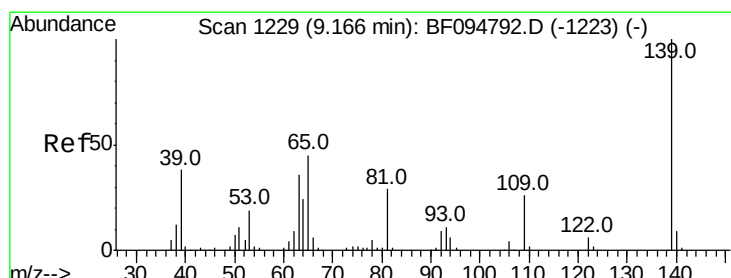
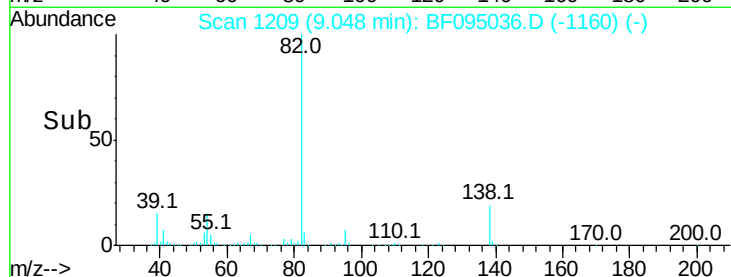
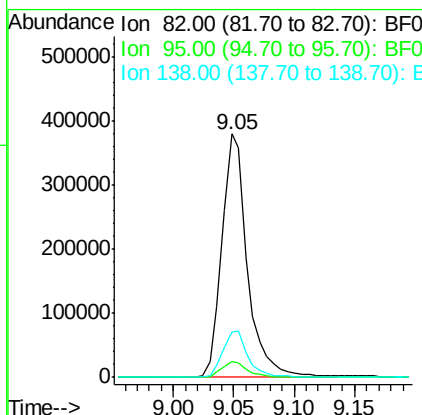
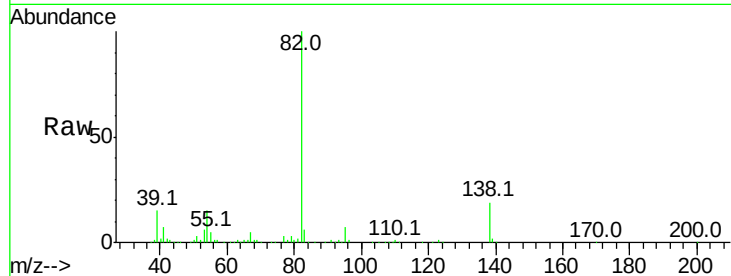
#25
Isophorone
Concen: 51.44 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.3	7.9	
138	18.8	13.1	19.7	

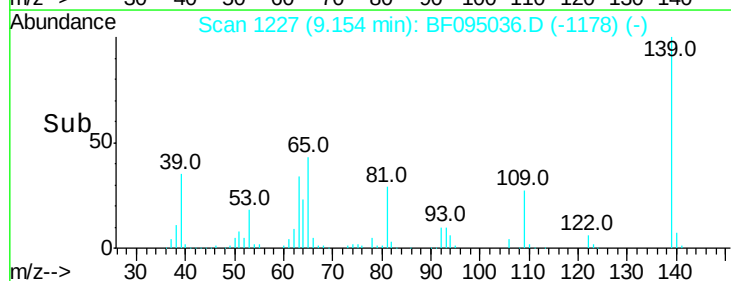
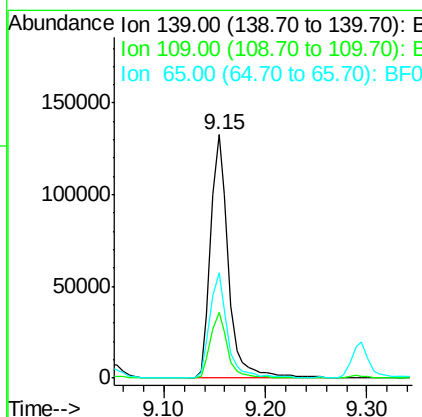
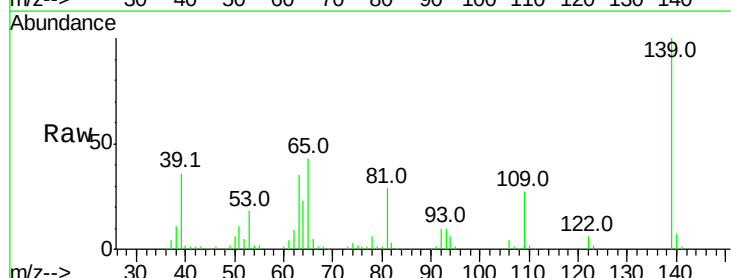
Manual Integrations
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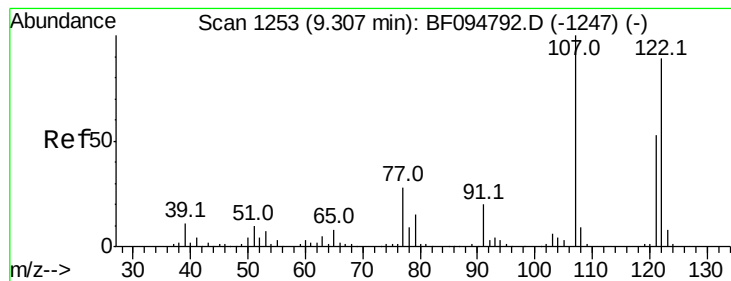
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#26
2-Nitrophenol
Concen: 47.76 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.1	21.0	31.6	
65	43.4	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 50.19 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

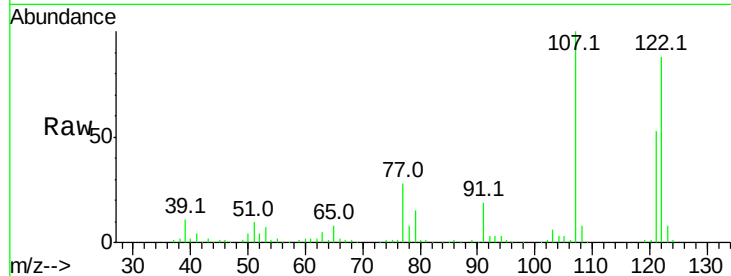
ClientSampleId :

WC-COMP-15MSD

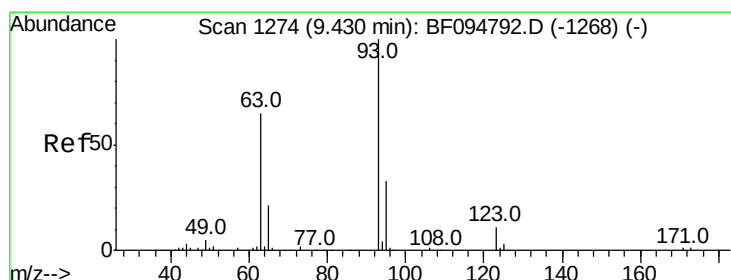
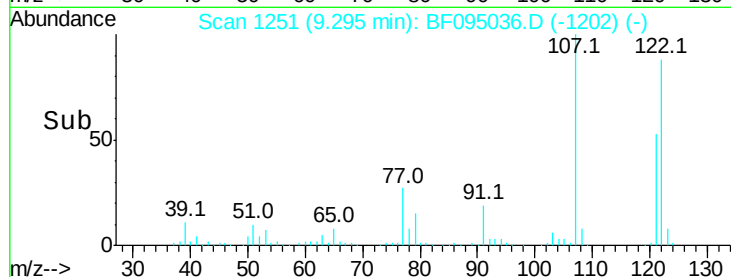
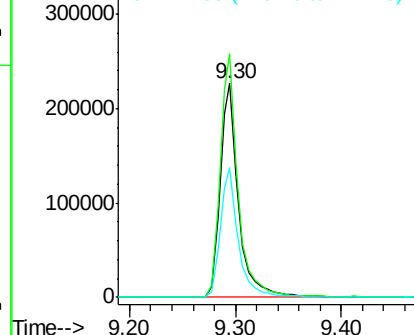
Tot Ion:	122	Resp:	277212
Ion Ratio	Lower	Upper	
122	100		
107	114.0	89.2	133.8
121	60.9	45.2	67.8

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



#28

bis(2-Chloroethoxy)methane

Concen: 48.14 ng

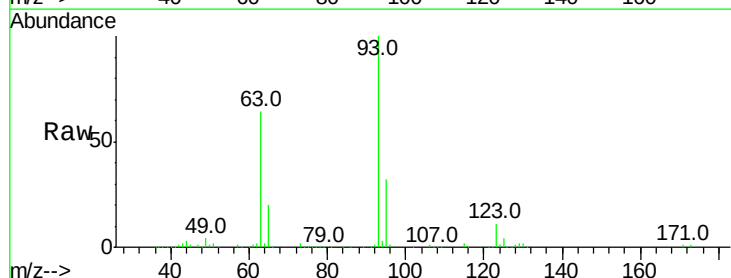
RT: 9.42 min Scan# 1272

Delta R.T. -0.01 min

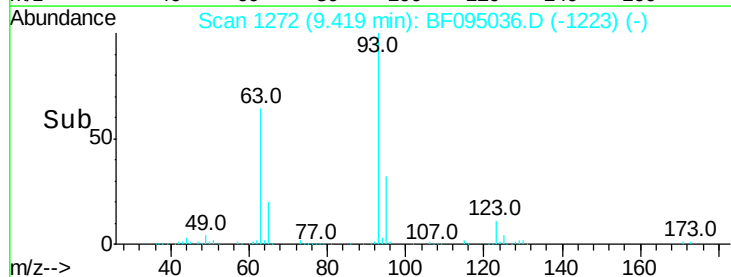
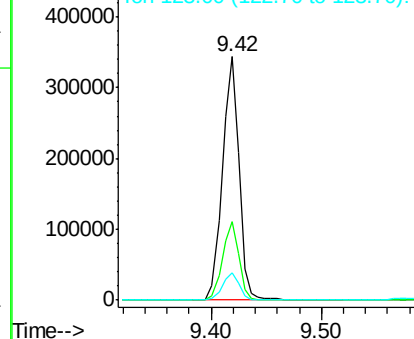
Lab File: BF095036.D

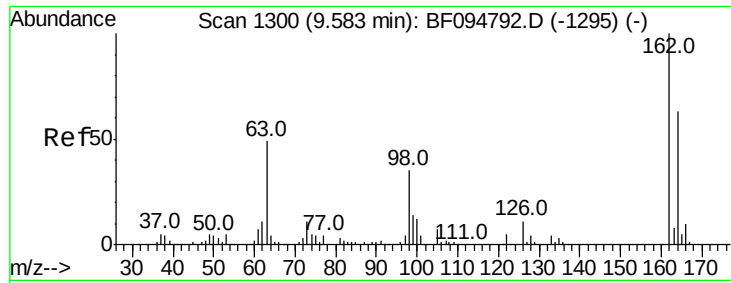
Acq: 9 May 2017 22:48

Tgt Ion:	93	Resp:	359219
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.5	39.7
123	11.0	9.0	13.4



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





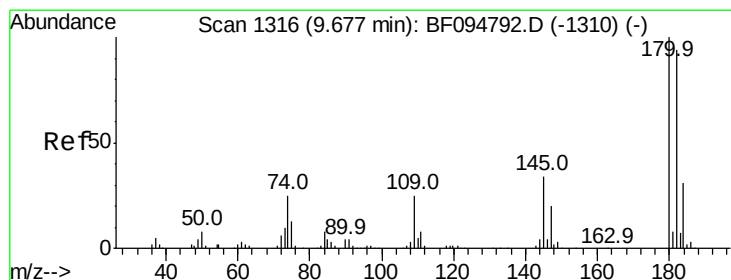
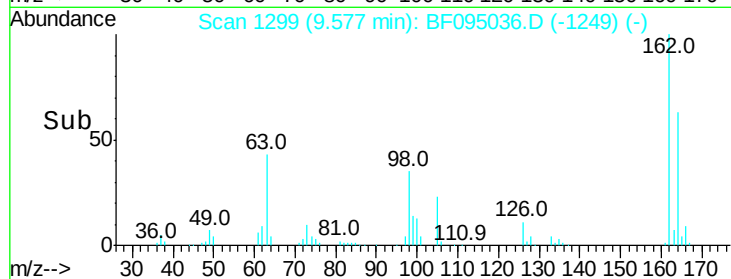
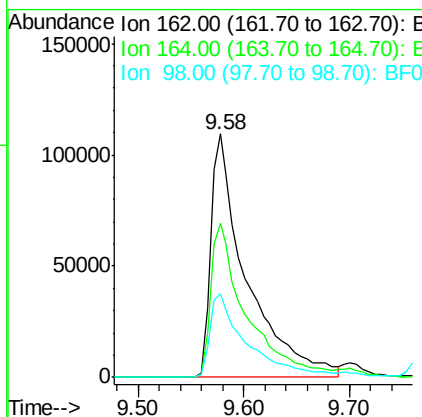
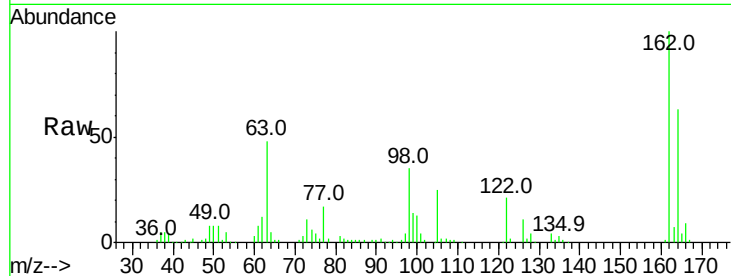
#29
 2,4-Dichlorophenol
 Concen: 49.20 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		256626		
164	63.0	44.6		84.6	
98	34.6	14.8		54.8	

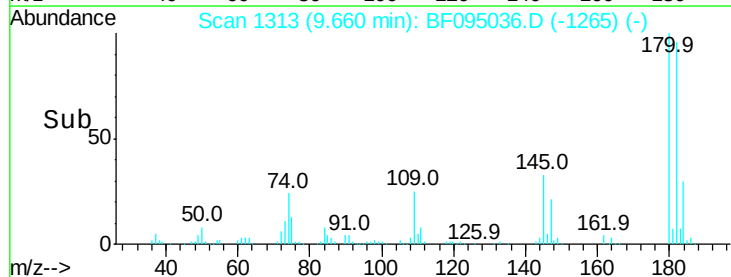
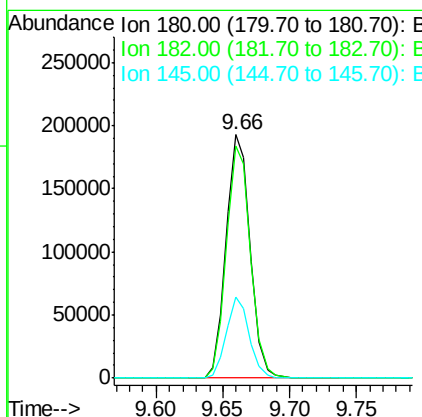
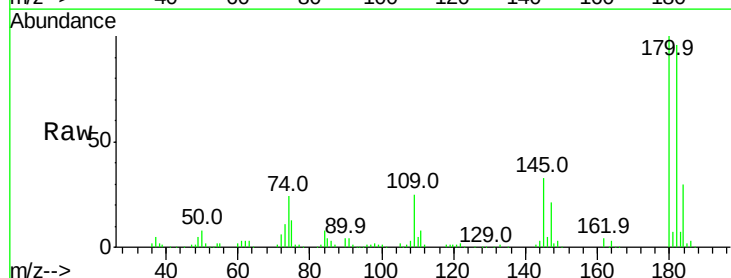
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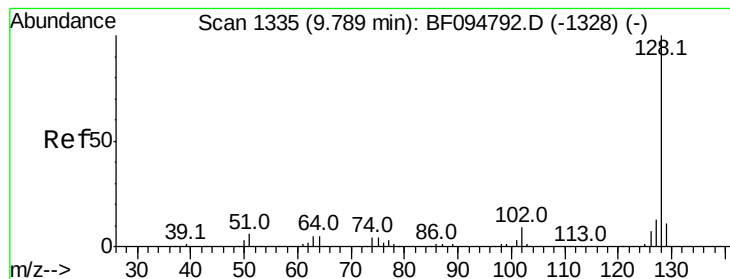
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.75 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		244449		
182	95.5	75.8		113.6	
145	33.2	25.3		37.9	





#31

Naphthalene

Concen: 138.56 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

WC-COMP-15MSD

Tot Ion:128 Resp: 2652587

Ion Ratio Lower Upper

128 100

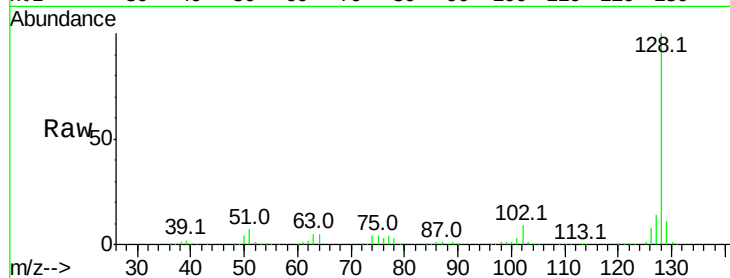
129 11.1 9.0 13.6

127 14.1 10.8 16.2

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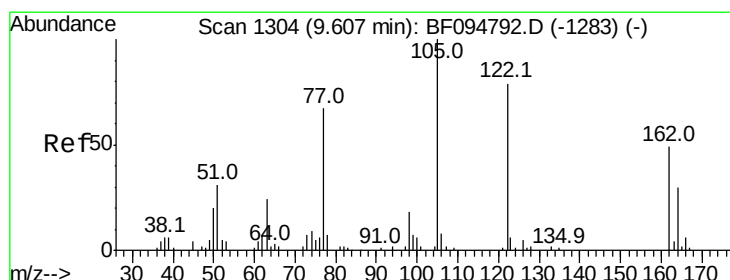
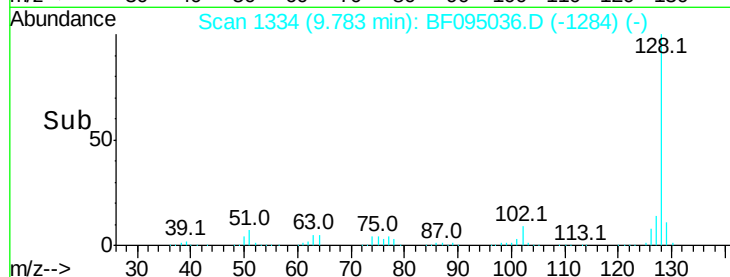
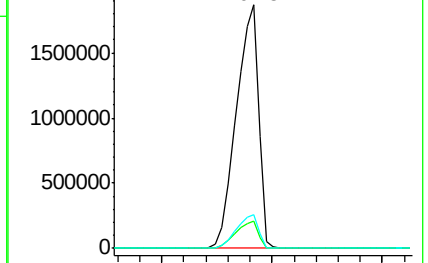
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.16 ng

RT: 9.63 min Scan# 1308

Delta R.T. 0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

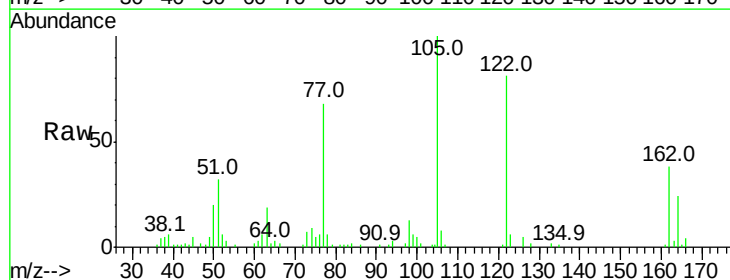
Tgt Ion:122 Resp: 166639

Ion Ratio Lower Upper

122 100

105 122.8 103.3 143.3

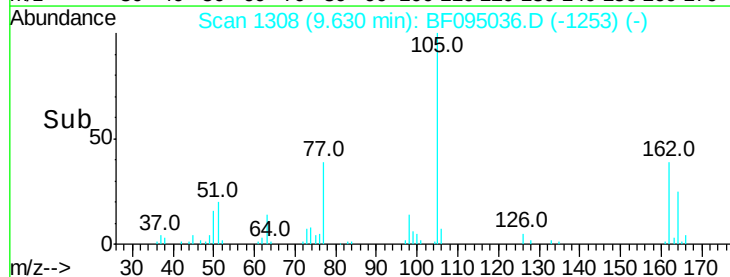
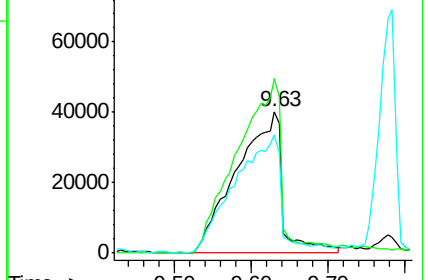
77 83.7 73.7 113.7

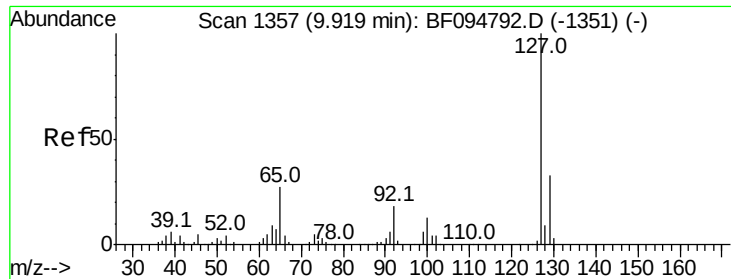


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





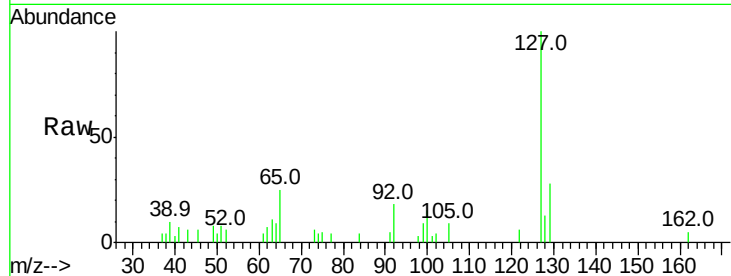
#33
4-Chloroaniline
Concen: 4.47 ng
RT: 9.95 min Scan# 1362
Delta R.T. 0.03 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

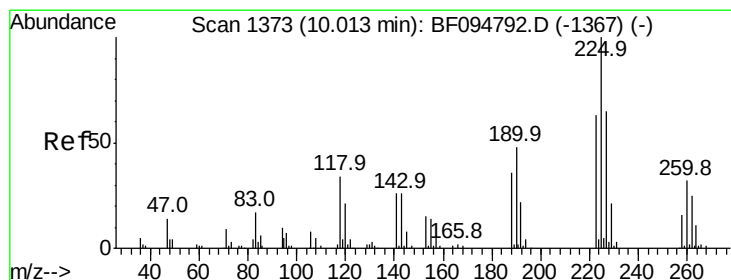
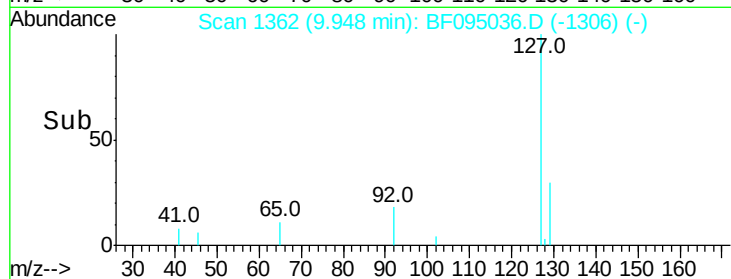
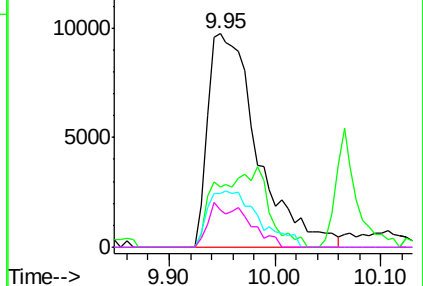
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.5	26.2	39.2		
65	25.2	27.8	41.8		
92	17.6	16.8	25.2		

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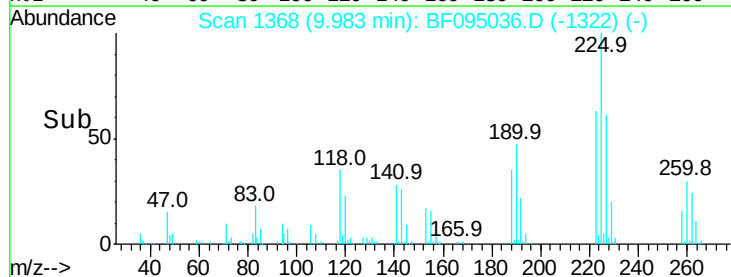
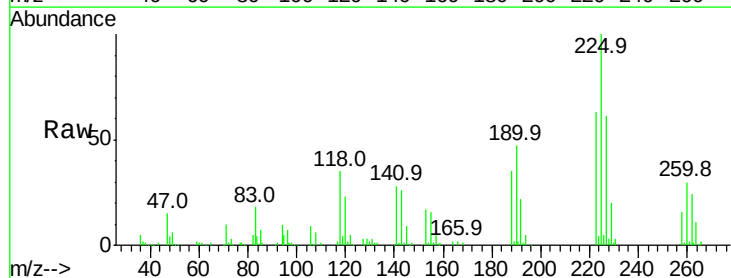
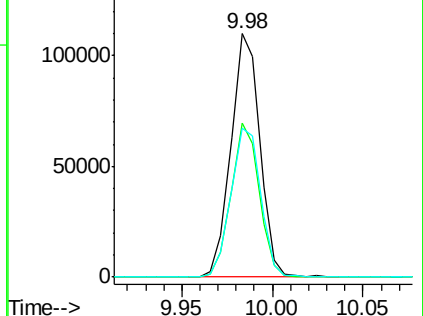
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

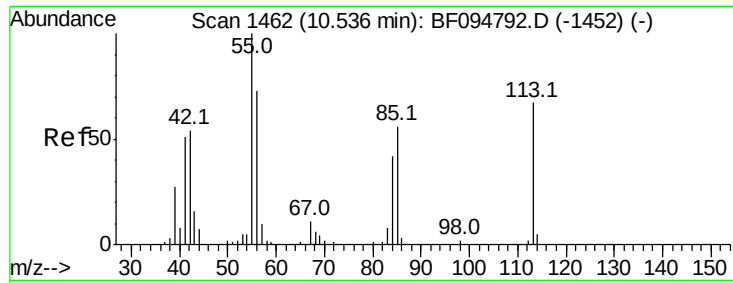


#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 9.98 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	48.8	73.2		
227	61.1	51.1	76.7		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.77 ng/mL

RT: 10.56 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

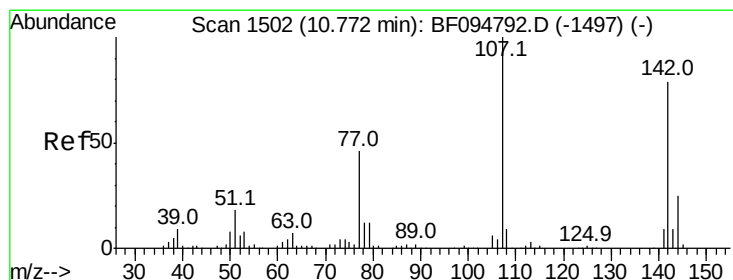
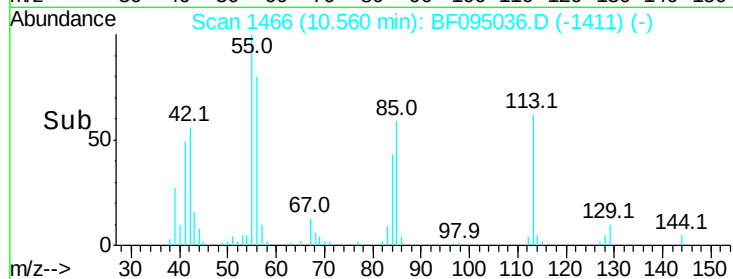
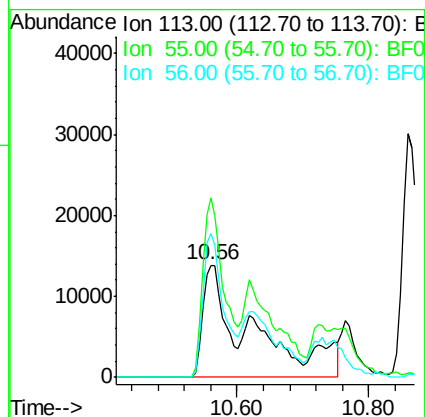
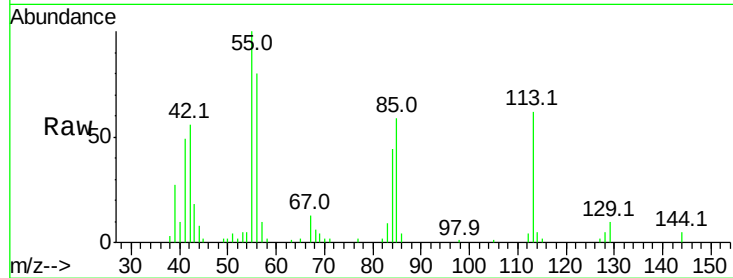
ClientSampleId :

WC-COMP-15MSD

Tot Ion:	113	Resp:	70117
Ion Ratio	Lower	Upper	
113	100		
55	160.5	150.2	190.2
56	127.8	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 49.66 ng/mL

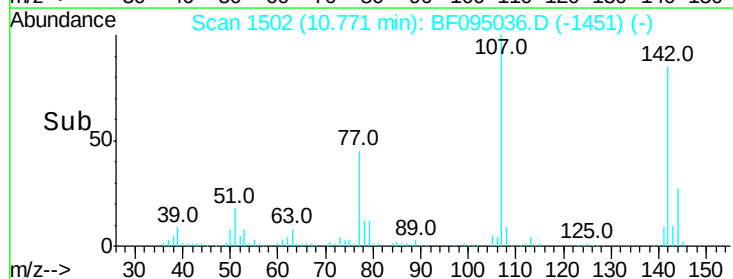
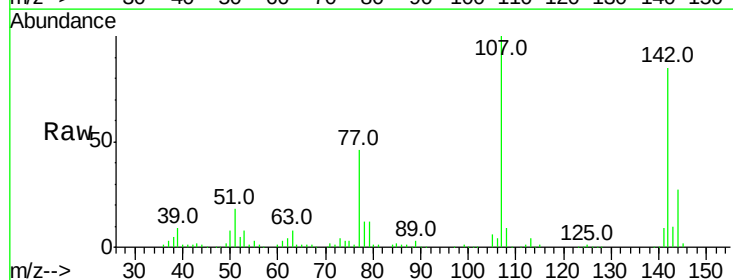
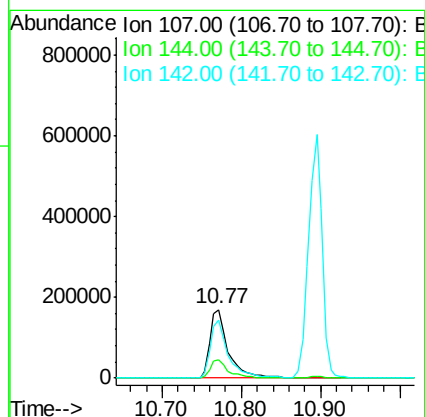
RT: 10.77 min Scan# 1502

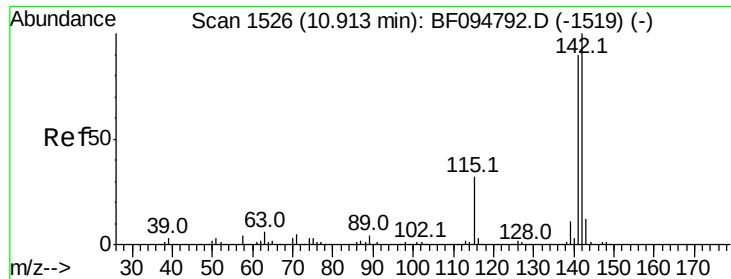
Delta R.T. -0.00 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:	107	Resp:	276948
Ion Ratio	Lower	Upper	
107	100		
144	27.2	24.2	36.4
142	84.6	73.4	110.0





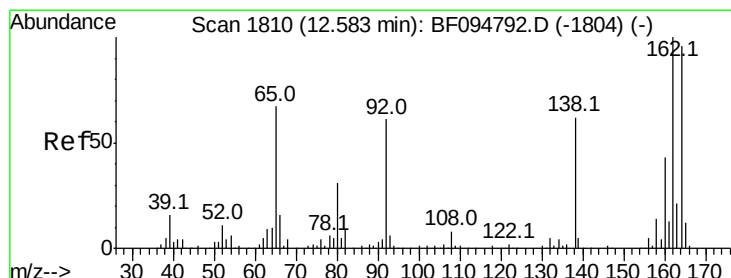
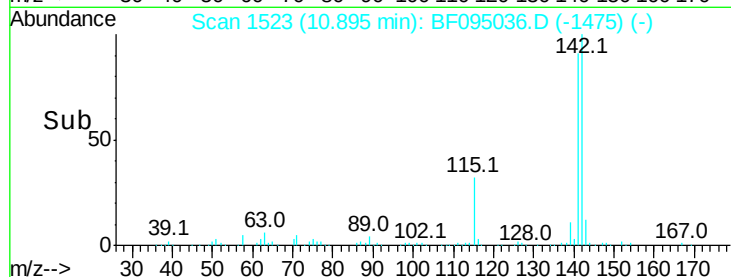
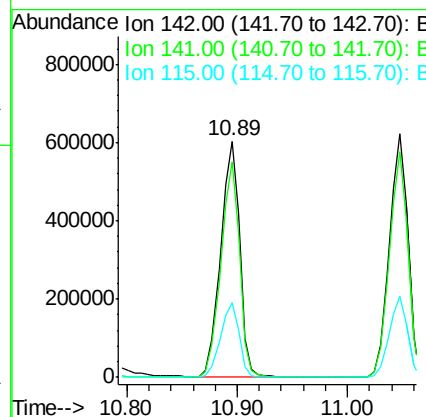
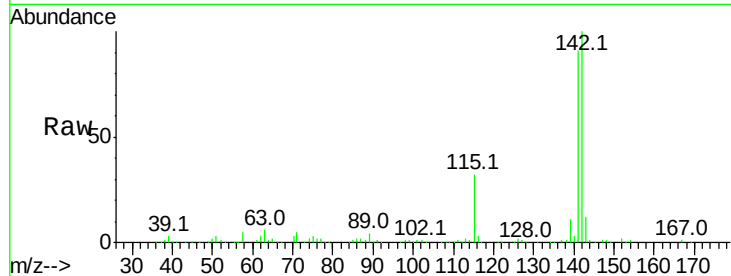
#37
2-Methylnaphthalene
Concen: 57.38 ng
RT: 10.89 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9
115	31.8	27.1	40.7

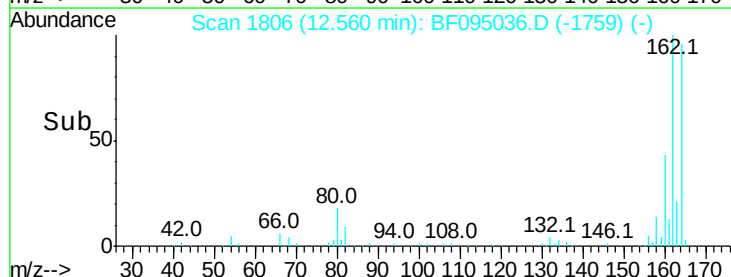
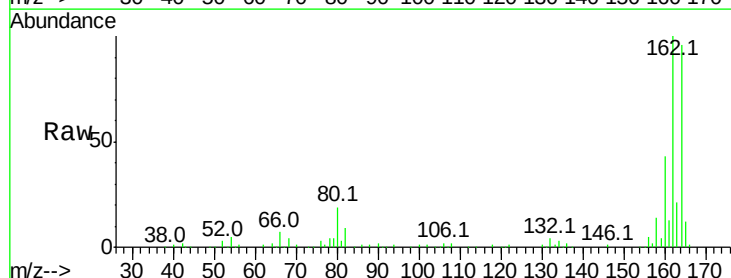
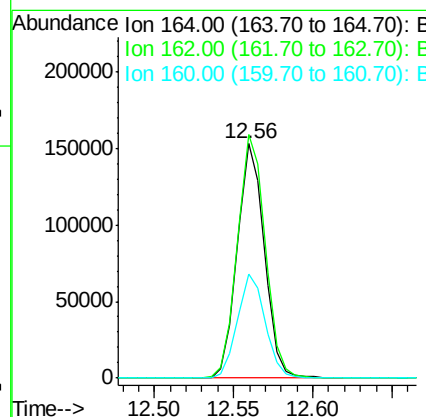
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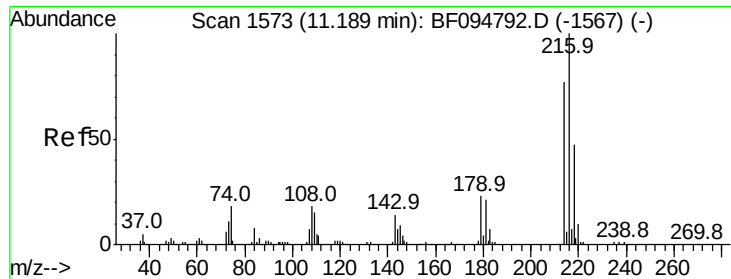
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	44.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.84 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

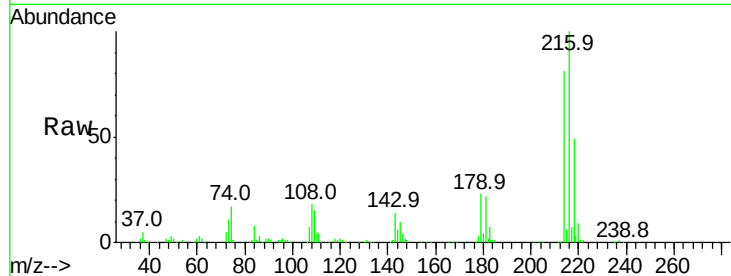
ClientSampleId :

WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	237483		
214	79.7		63.4	95.2
179	22.4		17.9	26.9
108	20.8		16.5	24.7

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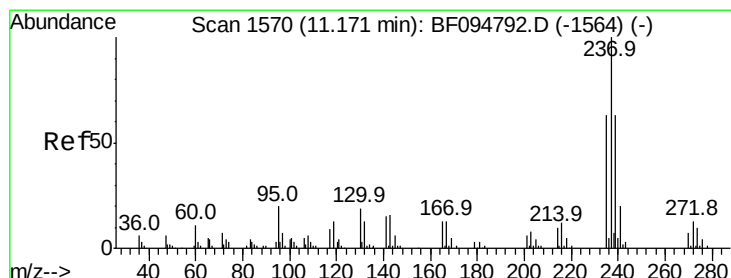
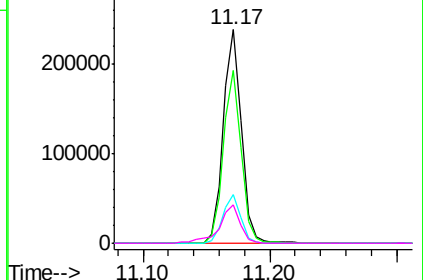
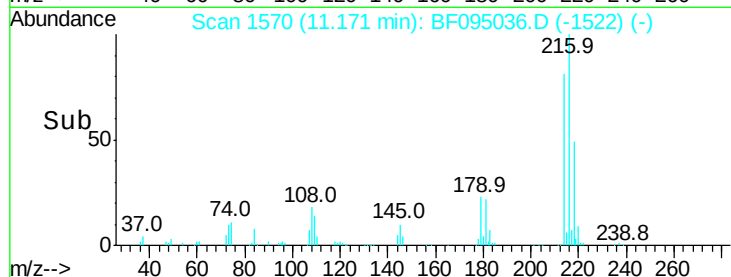


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.48 ng

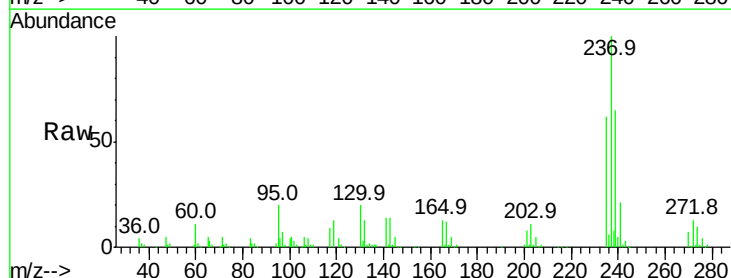
RT: 11.15 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

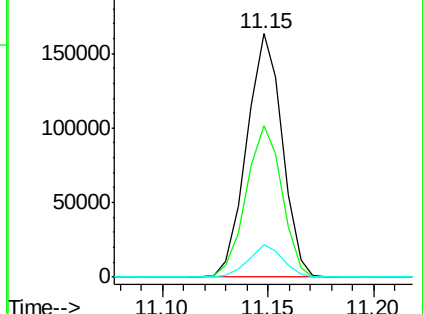
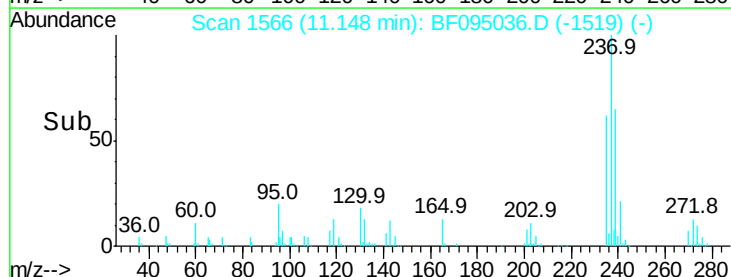
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	190148		
235	62.2		42.6	82.6
272	13.5		0.0	31.9

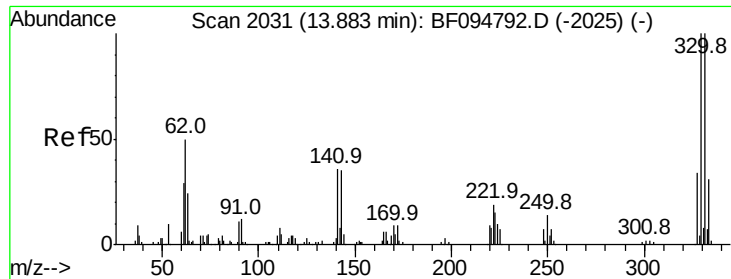


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





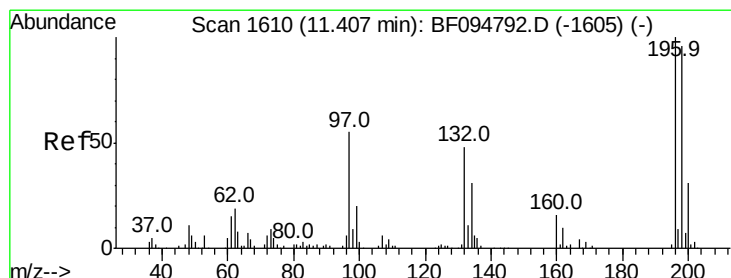
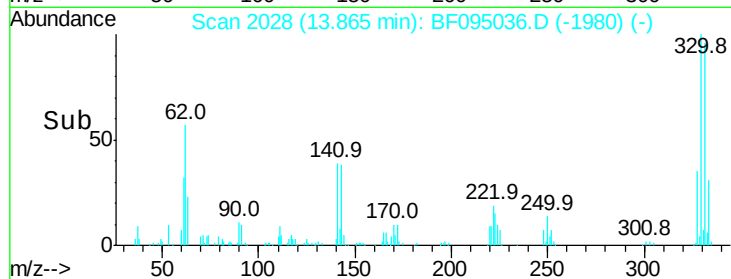
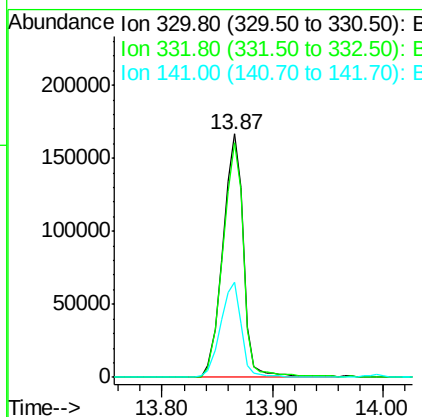
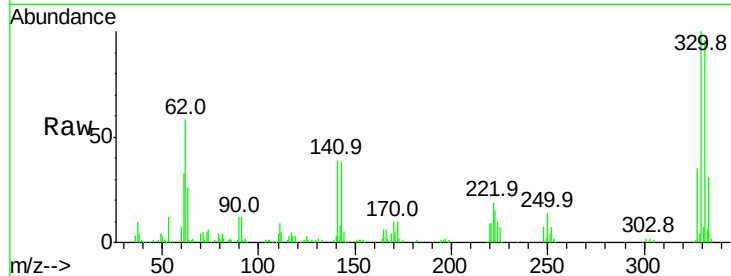
#41
 2,4,6-Tribromophenol
 Concen: 147.82 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	218208		
332	97.2	76.6	115.0	
141	39.8	31.4	47.2	

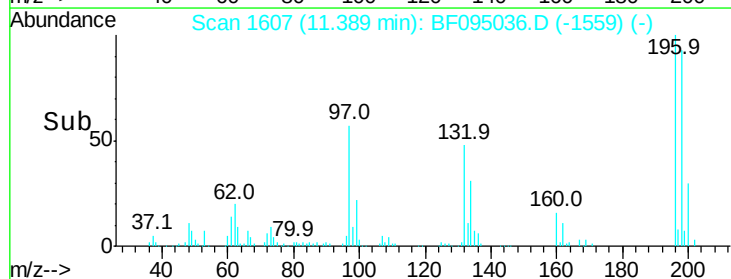
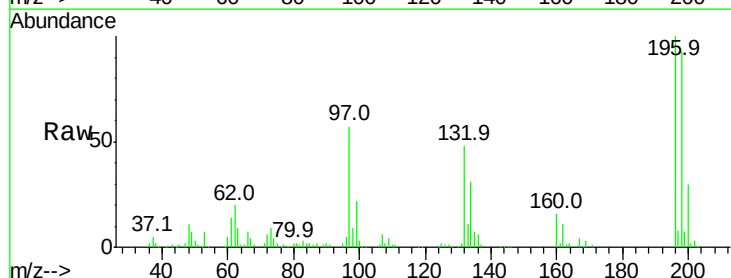
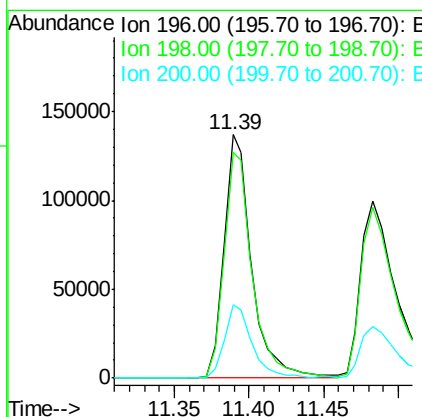
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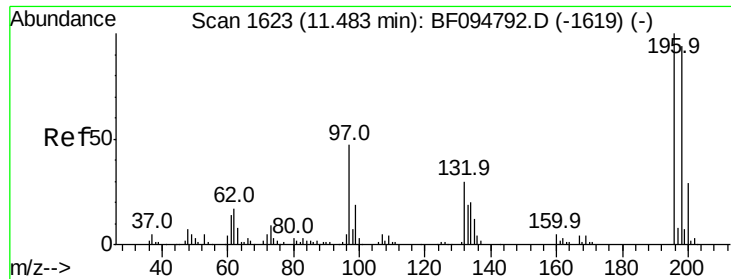
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#42
 2,4,6-Trichlorophenol
 Concen: 48.43 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179233		
198	92.7	74.2	111.4	
200	30.2	24.0	36.0	





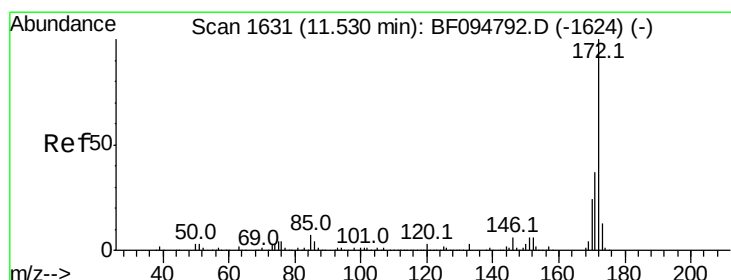
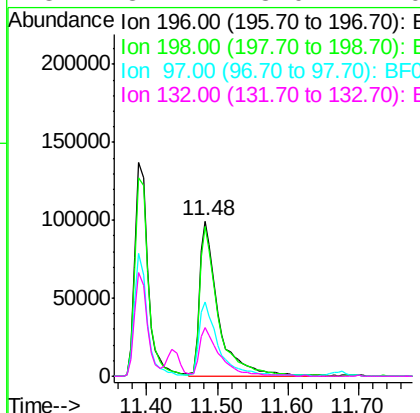
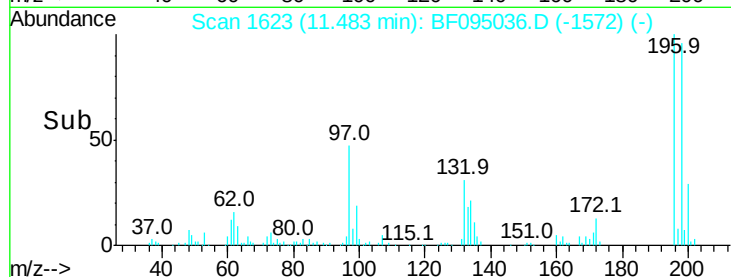
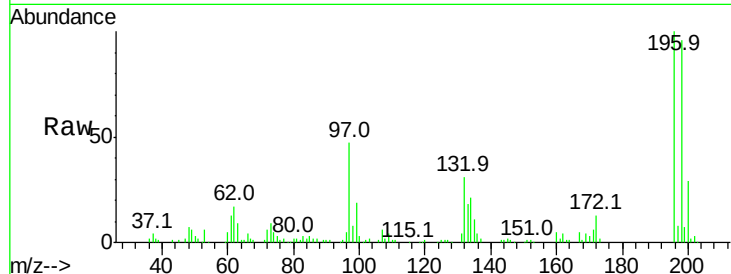
#43
 2,4,5-Trichlorophenol
 Concen: 46.25 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183977		
198	96.4	75.7	113.5	
97	47.3	47.7	71.5#	
132	31.1	28.0	42.0	

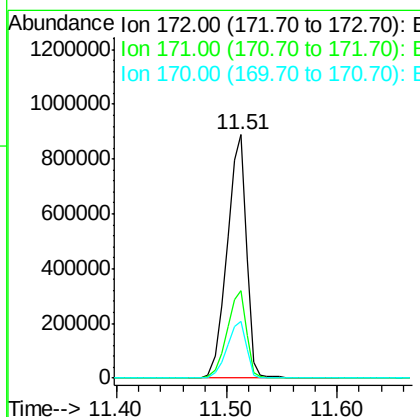
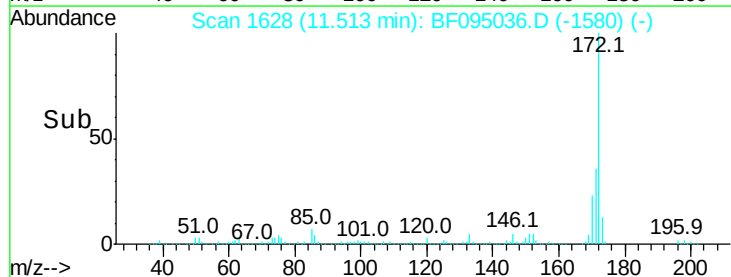
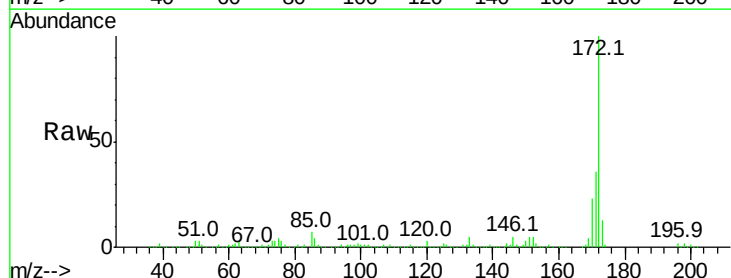
Manual Integrations
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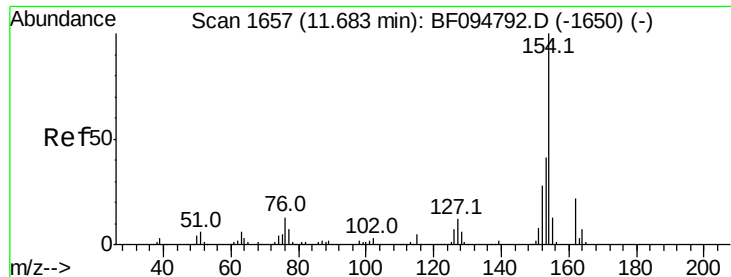
mohammad
 5/10/2017 11:46:56 AM



#44
 2-Fluorobiphenyl
 Concen: 86.99 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1089352		
171	36.2	29.6	44.4	
170	23.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 44.94 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

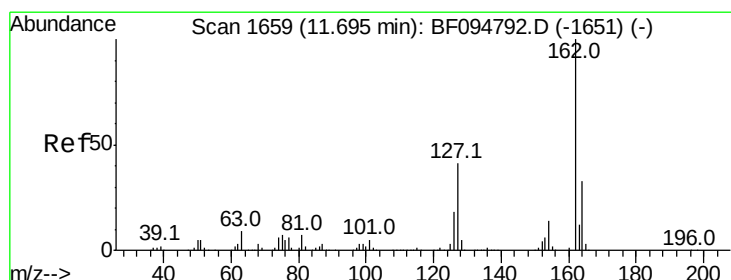
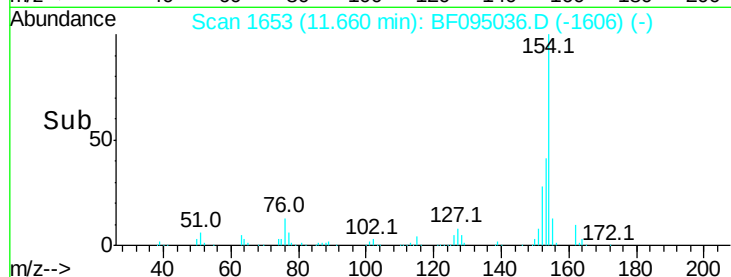
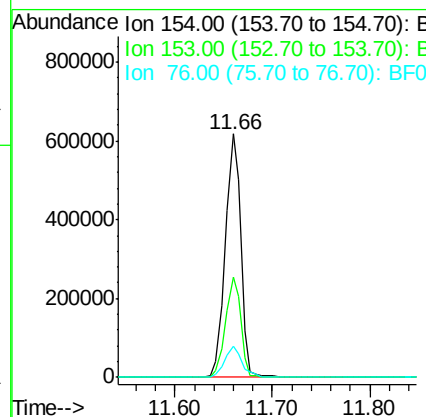
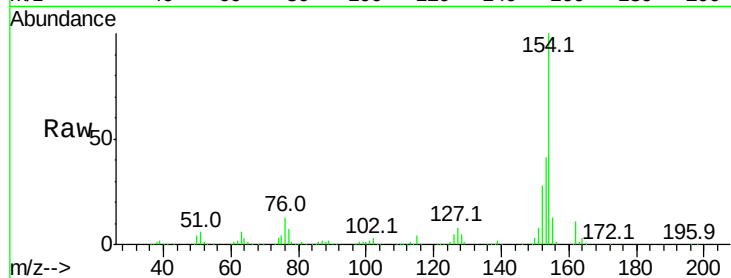
ClientSampleId :

WC-COMP-15MSD

Tot Ion:	154	Resp:	682032
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	13.0	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 41.49 ng

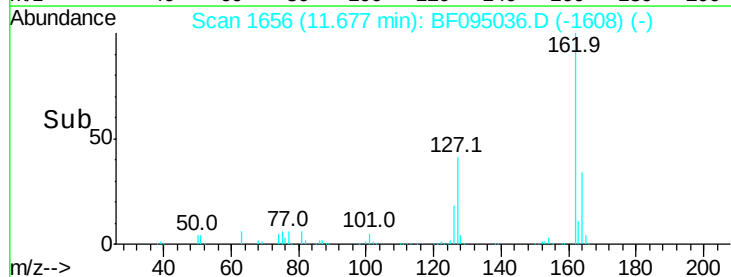
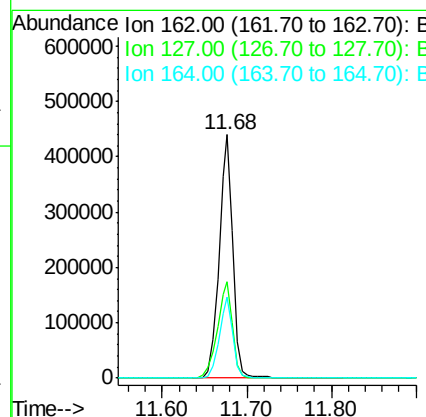
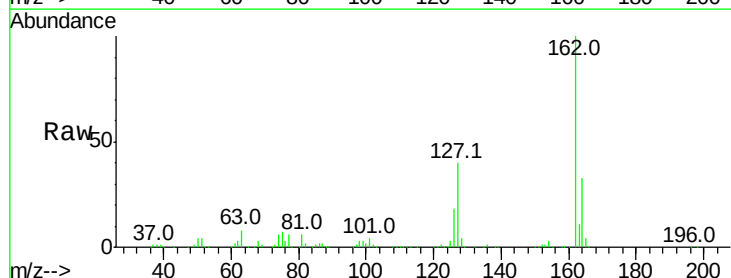
RT: 11.68 min Scan# 1656

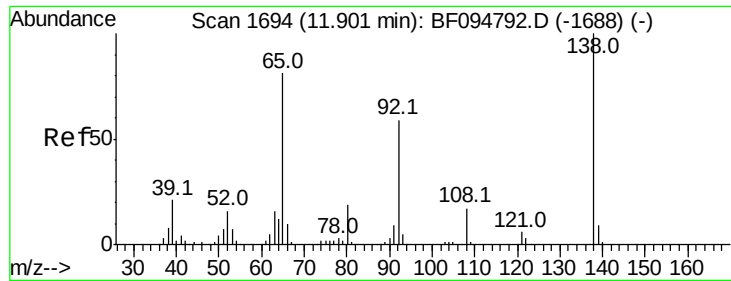
Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:	162	Resp:	508391
Ion Ratio	Lower	Upper	
162	100		
127	39.8	28.3	42.5
164	33.1	27.0	40.4





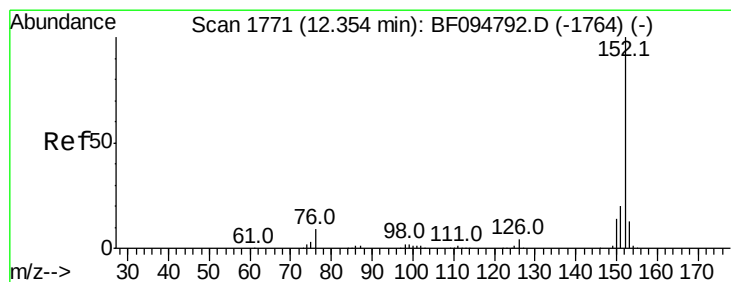
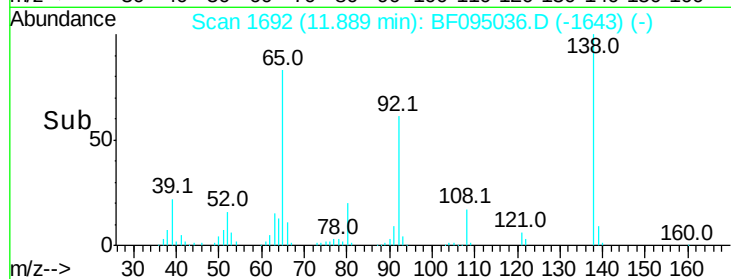
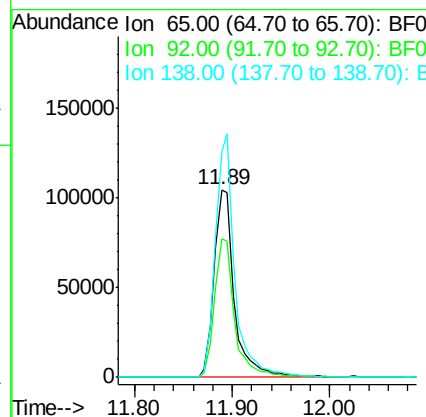
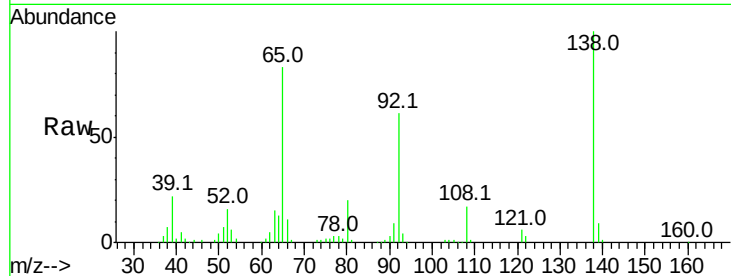
#47
2-Nitroaniline
Concen: 45.34 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion: 65 Resp: 152075
Ion Ratio Lower Upper
65 100
92 73.9 53.9 80.9
138 120.4 78.8 118.2#

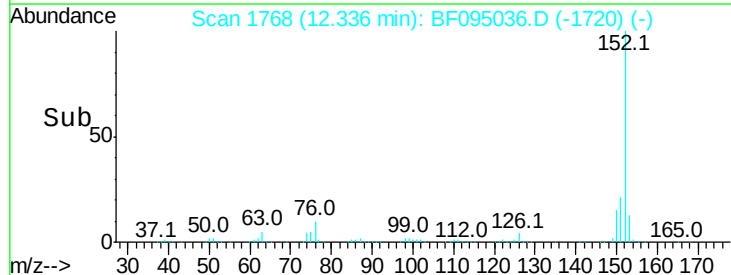
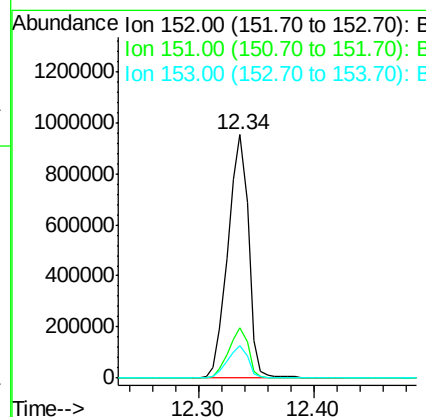
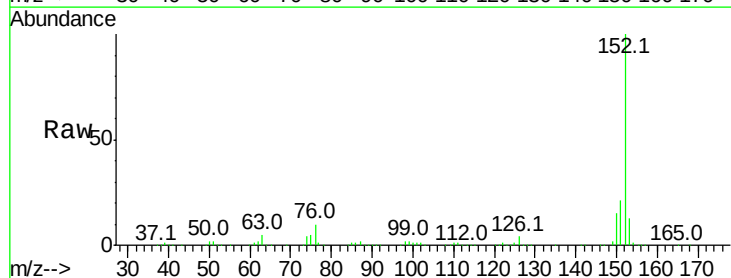
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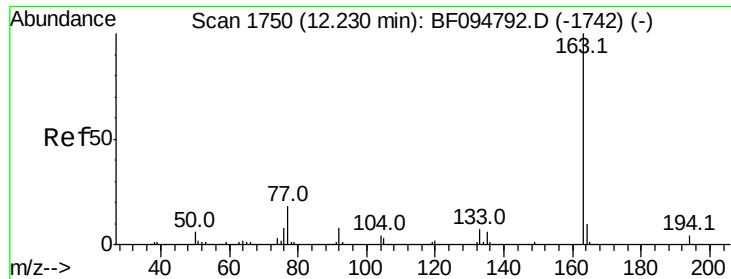
mohammad
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#48
Acenaphthylene
Concen: 61.37 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion: 152 Resp: 1177846
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.4 10.8 16.2





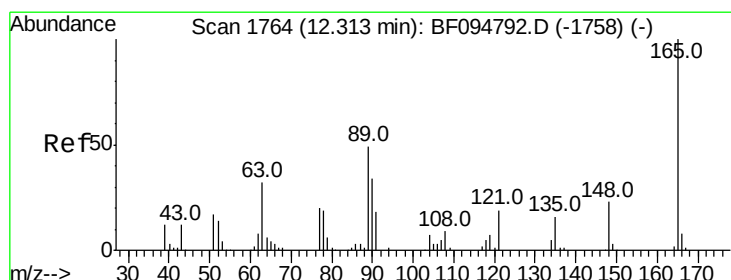
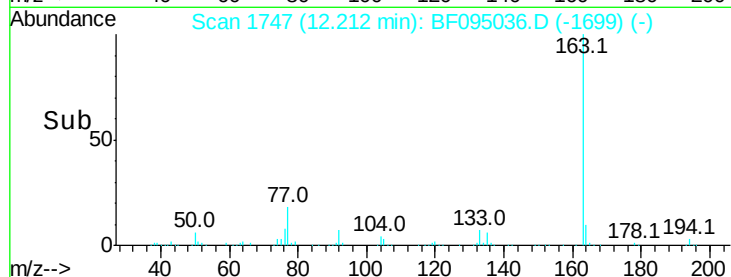
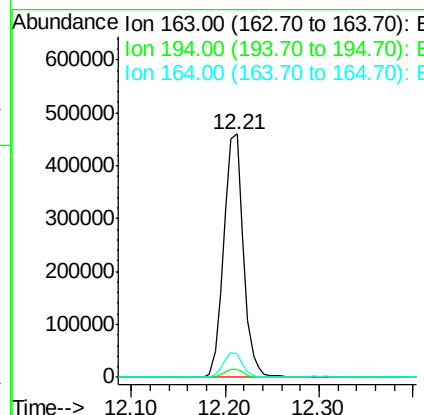
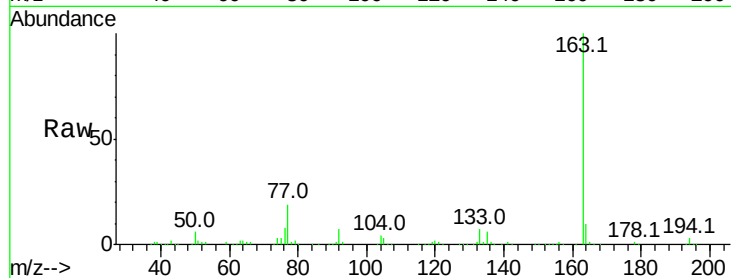
#49
Dimethylphthalate
Concen: 45.48 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	672997		
194	3.4		2.6	4.0
164	9.7		8.4	12.6

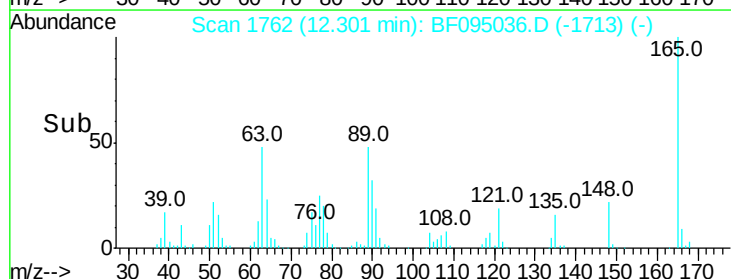
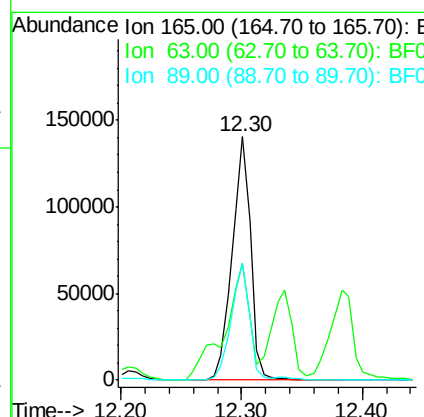
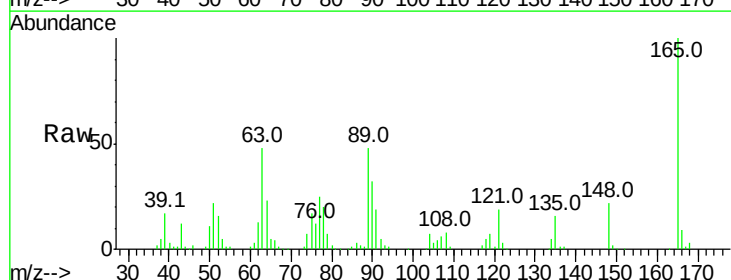
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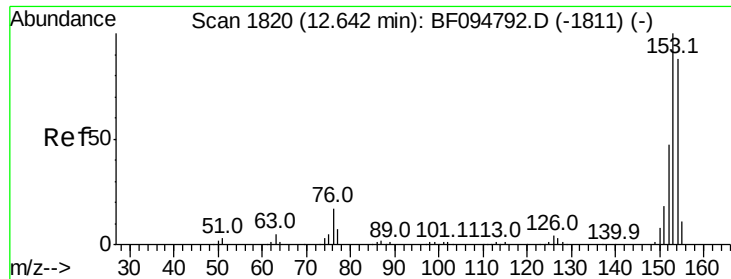
mohammad
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#50
2,6-Dinitrotoluene
Concen: 49.50 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149443		
63	48.2		34.3	51.5
89	47.9		37.1	55.7





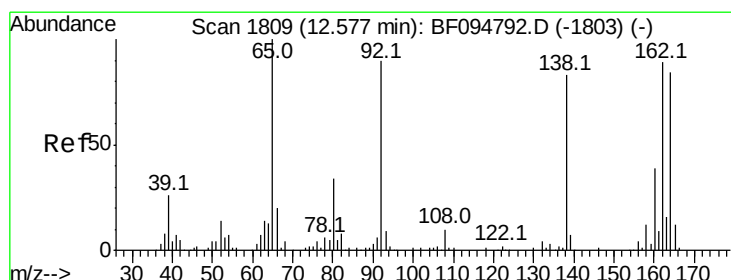
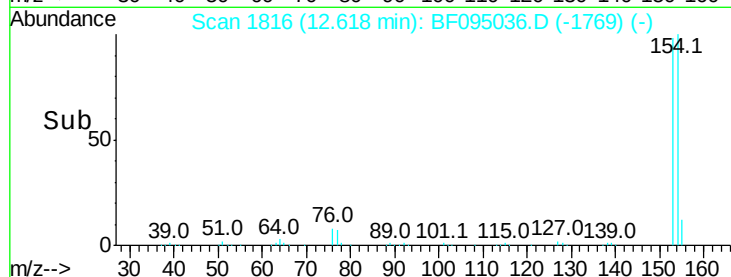
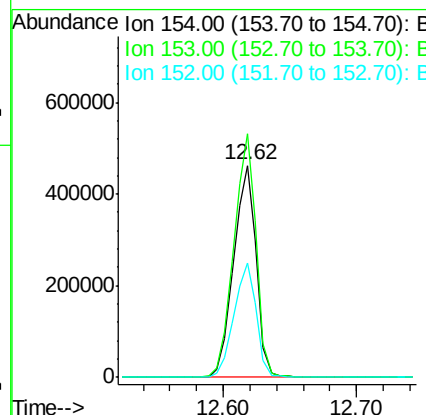
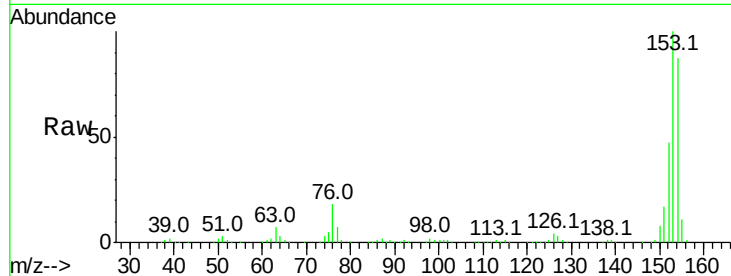
#51
Acenaphthene
Concen: 47.98 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.5	135.7
152	53.8	43.6	65.4

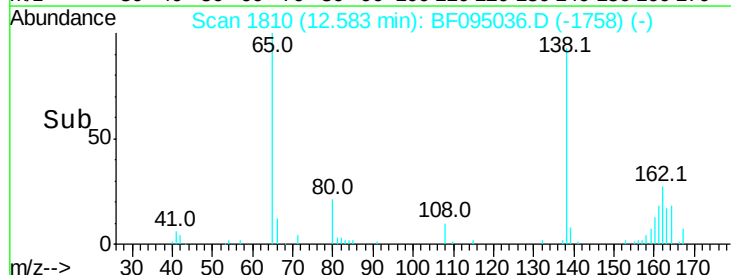
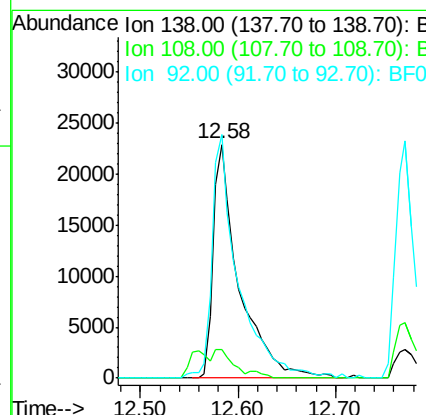
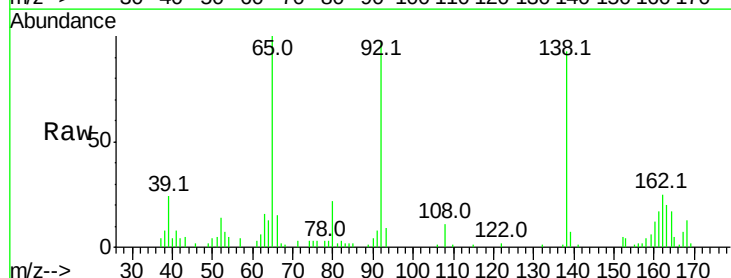
Manual Integrations
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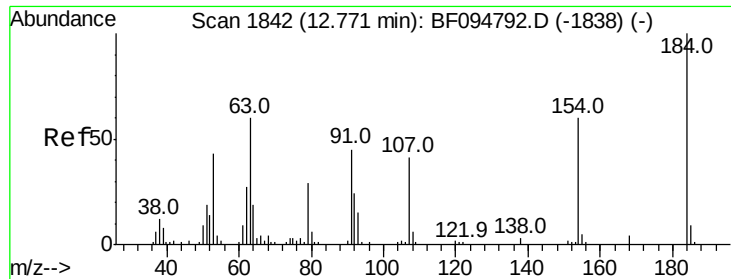
mohammad
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#52
3-Nitroaniline
Concen: 13.00 ng
RT: 12.58 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.1	13.7
92	104.3	93.8	140.6





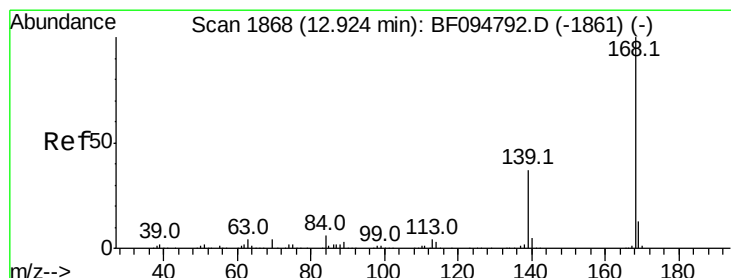
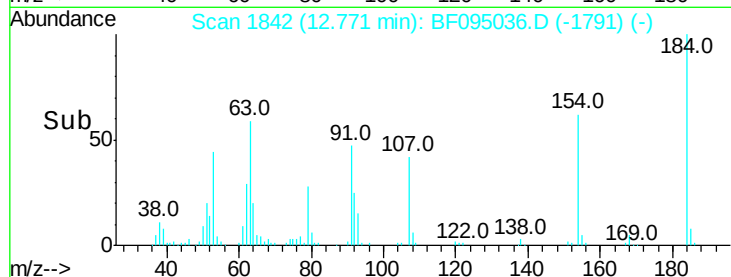
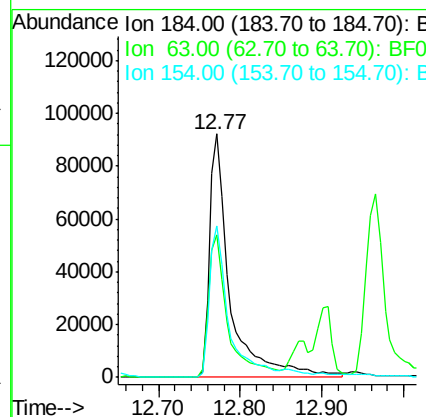
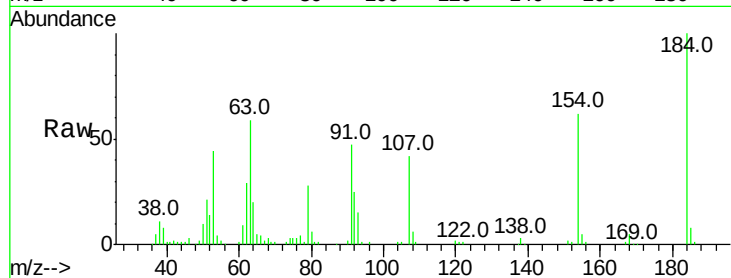
#53
 2,4-Dinitrophenol
 Concen: 95.69 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.5	62.7	94.1#
154	62.4	81.1	121.7#

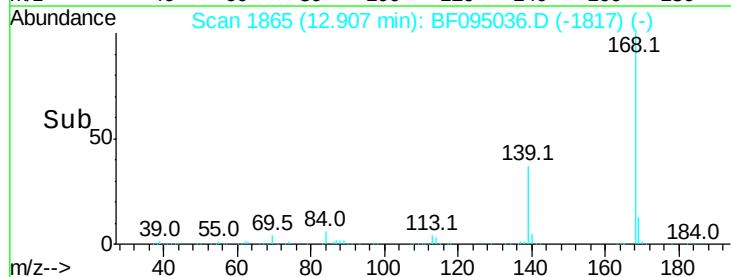
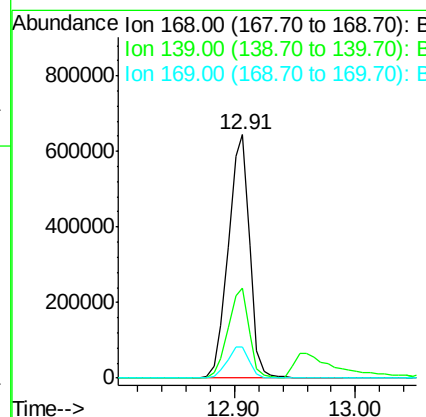
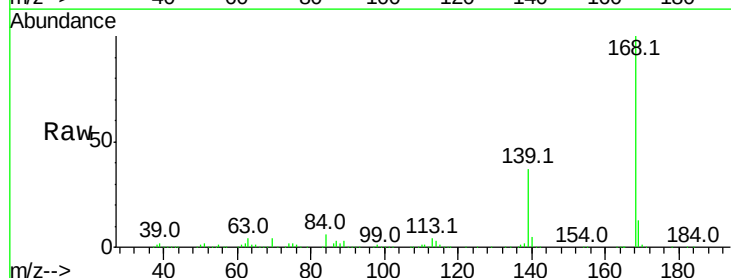
Manual Integrations
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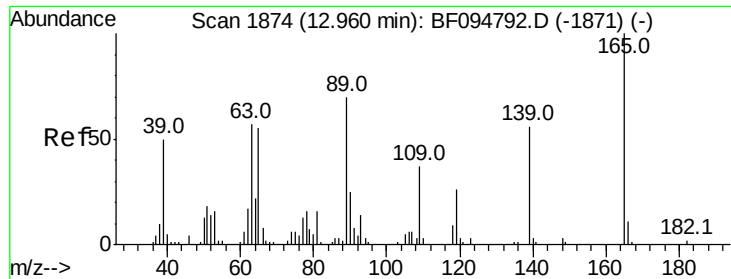
mohammad
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#54
 Dibenzofuran
 Concen: 49.39 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.6	45.8
169	13.0	10.8	16.2





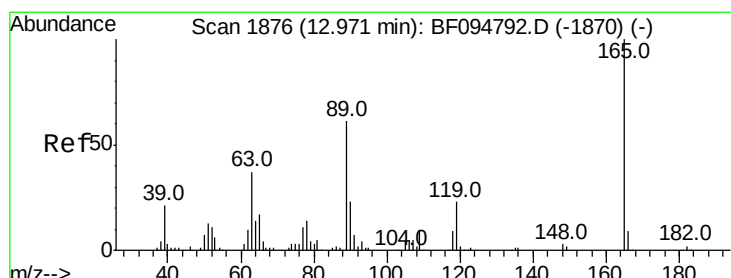
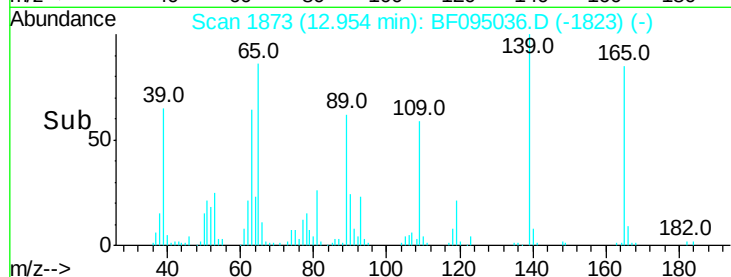
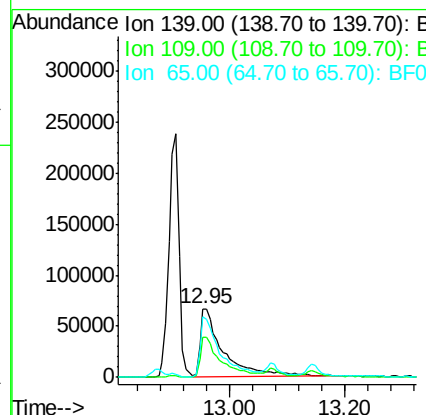
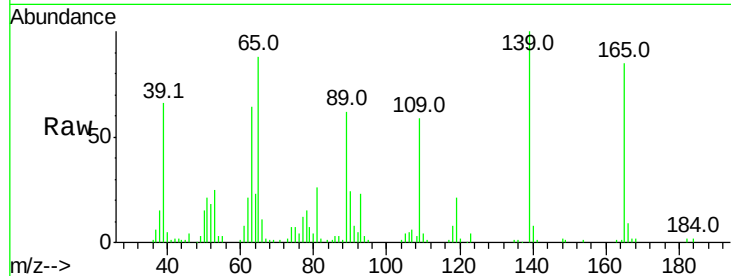
#55
4-Nitrophenol
Concen: 95.38 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	185630		
109	58.7	34.1	74.1	
65	88.1	31.4	71.4	#

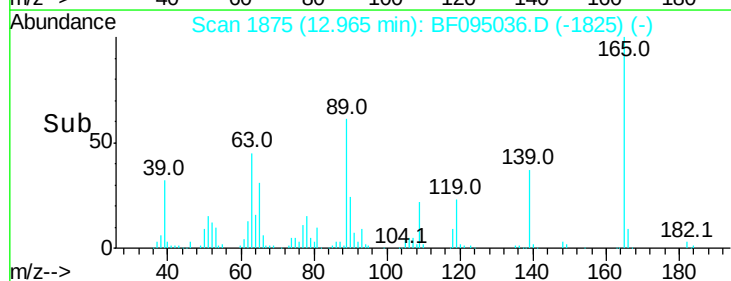
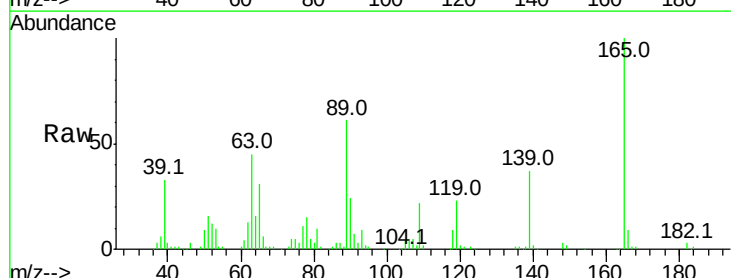
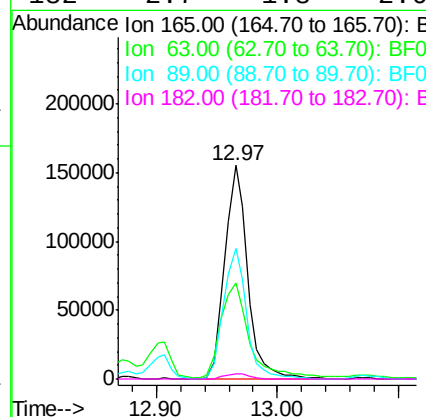
Manual Integrations
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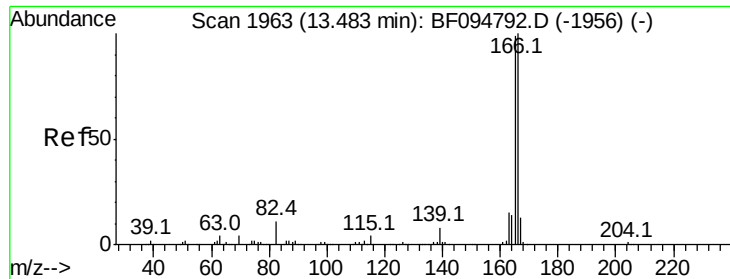
mohammad
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#56
2,4-Dinitrotoluene
Concen: 52.31 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202902		
63	44.7	25.4	38.0	#
89	60.9	46.4	69.6	
182	2.7	1.8	2.6	#





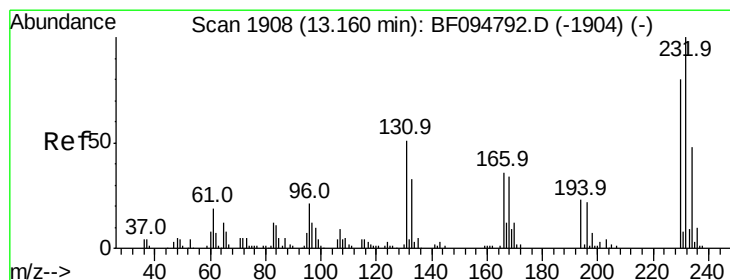
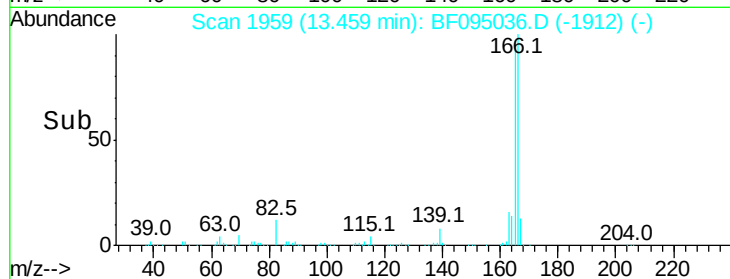
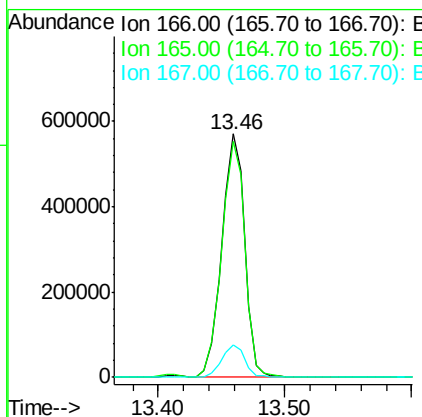
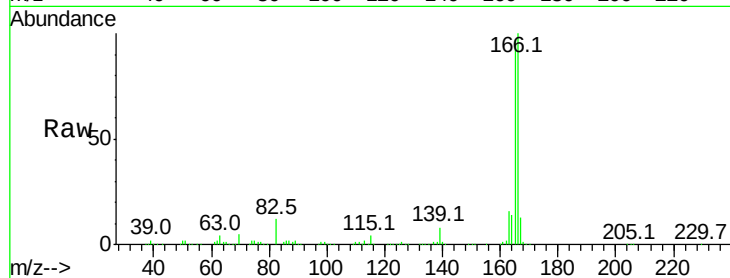
#57
 Fluorene
 Concen: 51.60 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.8	118.2
167	13.3	10.6	16.0

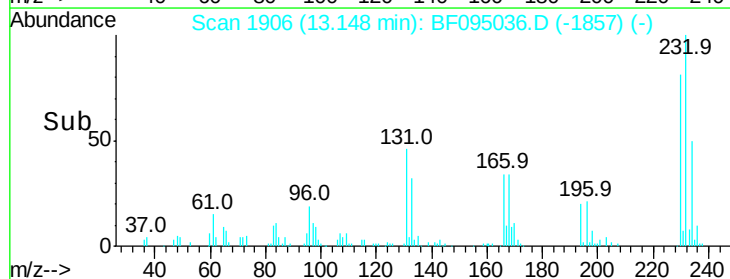
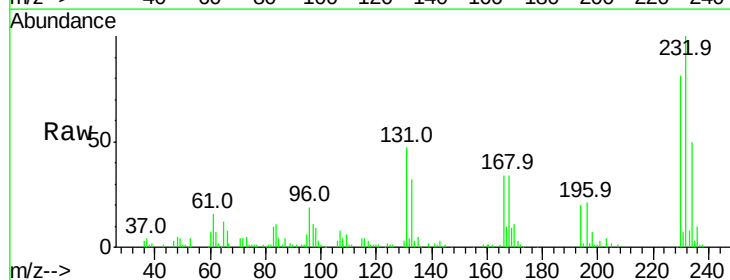
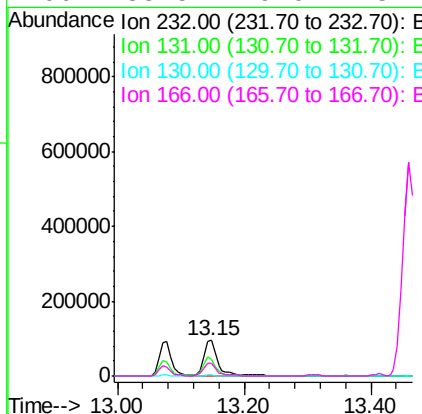
Manual Integrations
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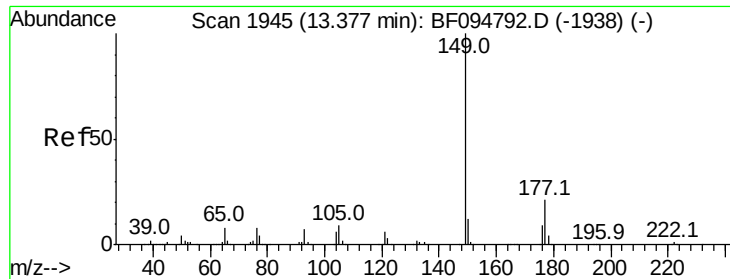
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.06 ng
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.6	44.8	67.2
130	2.3	2.3	3.5
166	35.5	29.0	43.4





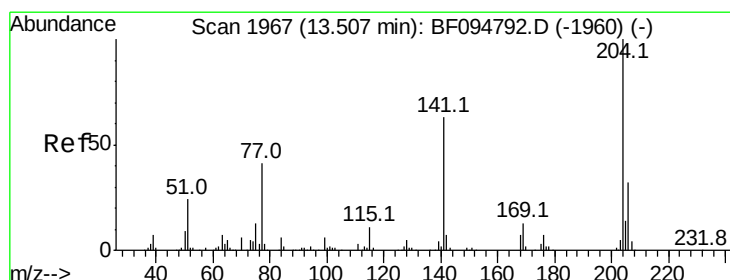
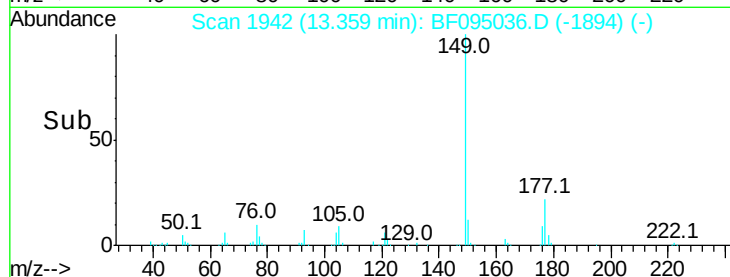
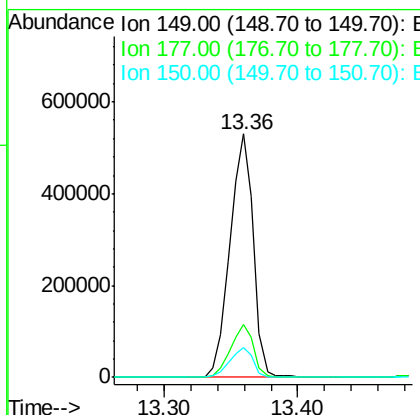
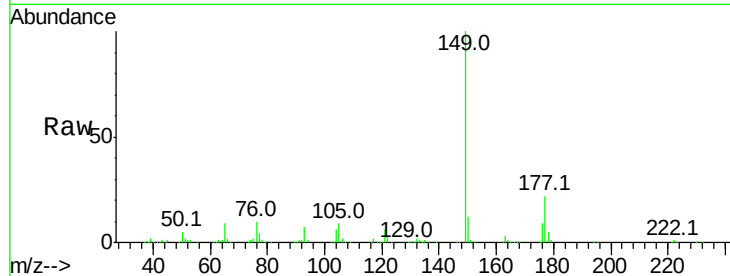
#59
Diethylphthalate
Concen: 45.83 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.3	10.2	15.2

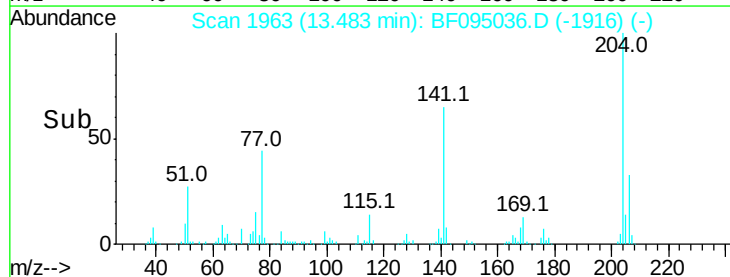
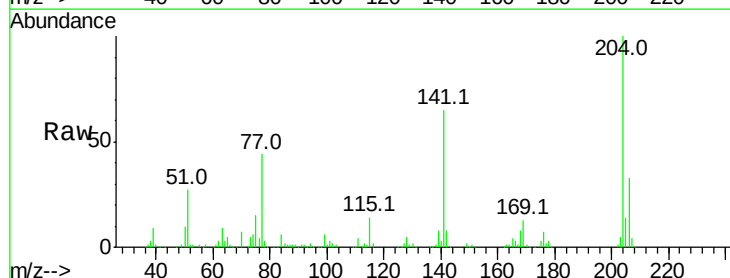
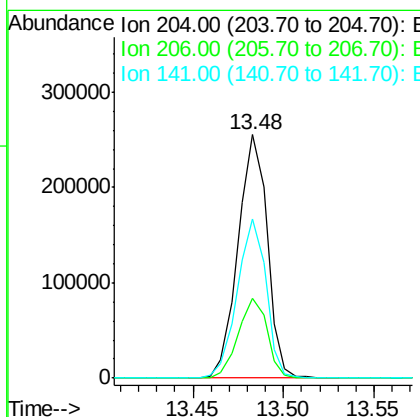
Manual Integrations
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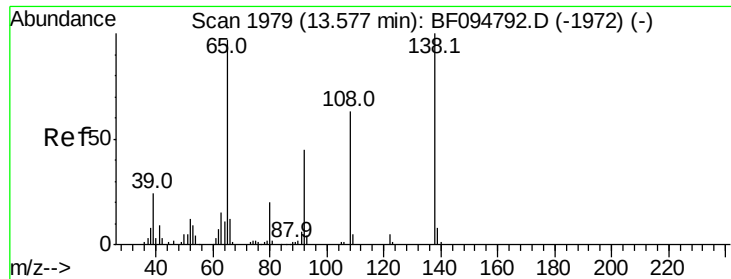
mohammad
5/10/2017 11:46:56 AM



#60
4-Chlorophenyl-phenylether
Concen: 47.27 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	65.5	60.8	91.2





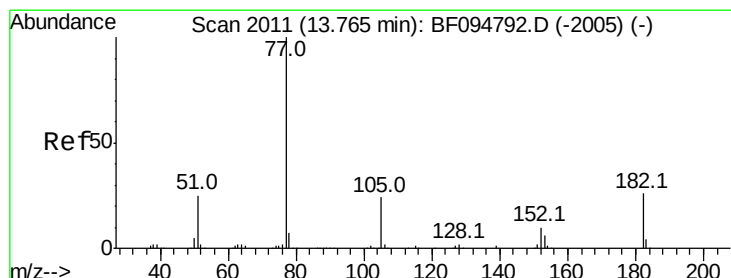
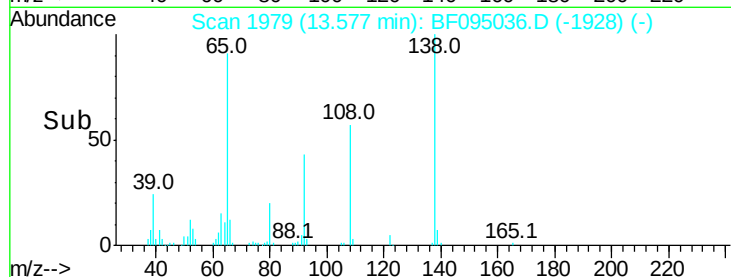
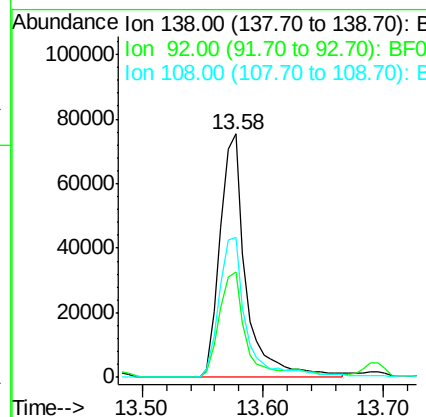
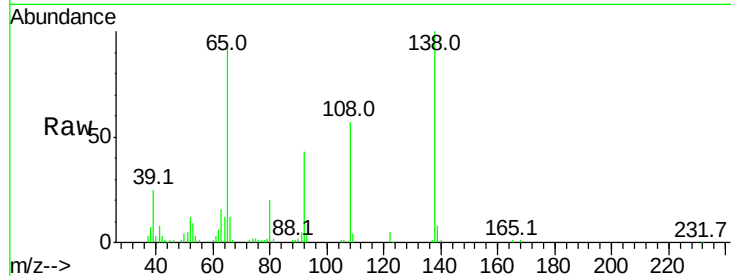
#61
4-Nitroaniline
Concen: 37.61 ng
RT: 13.58 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.2	21.8	61.8
108	57.3	42.3	82.3

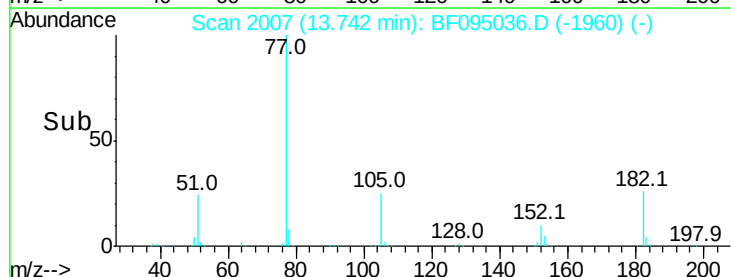
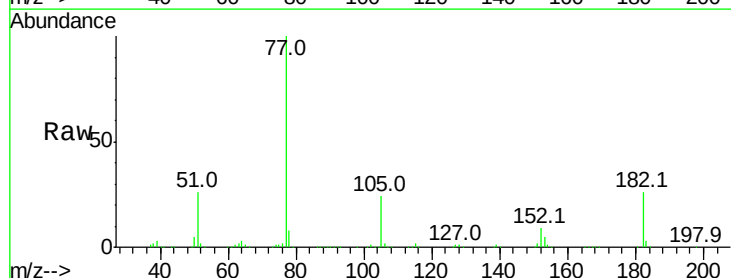
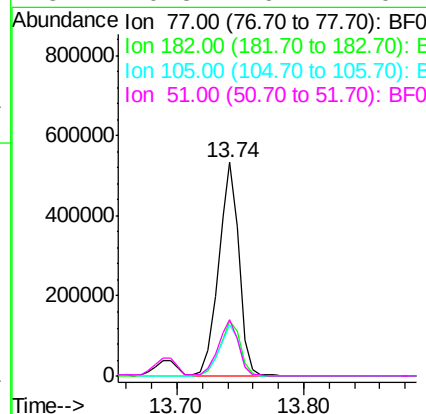
Manual Integrations
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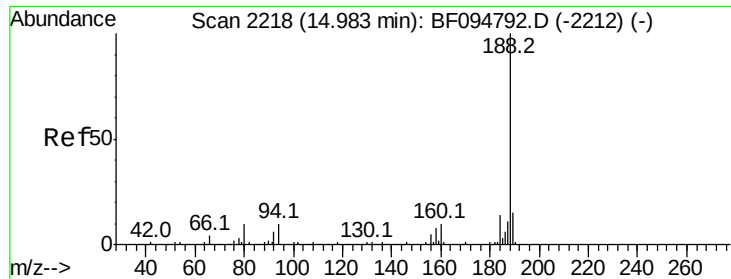
mohammad
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#62
Azobenzene
Concen: 52.59 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	0.1	40.1
105	24.2	3.6	43.6
51	26.3	9.4	49.4





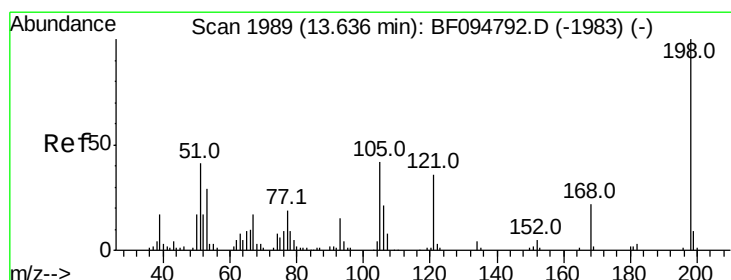
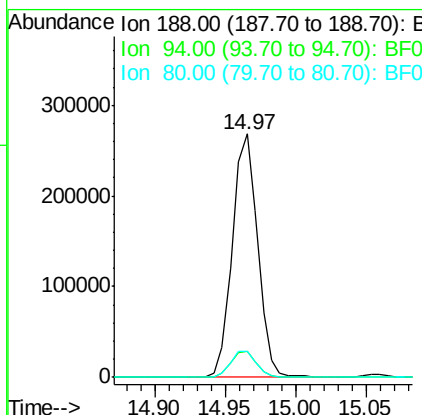
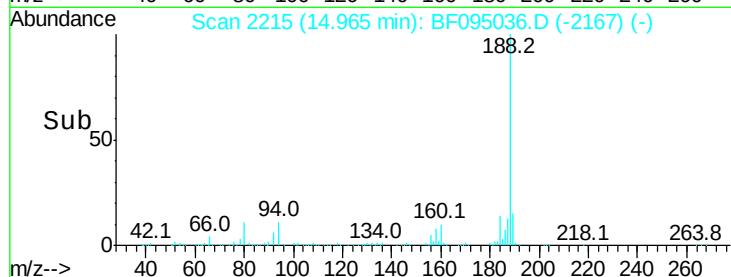
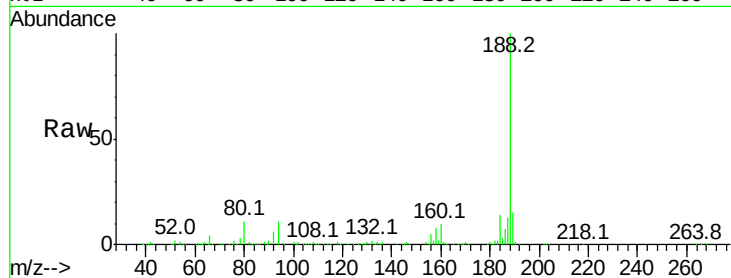
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	10.9	10.2	15.2	

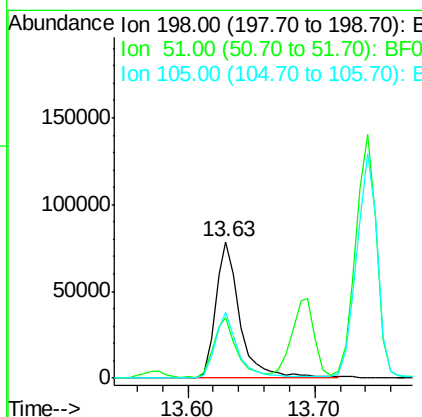
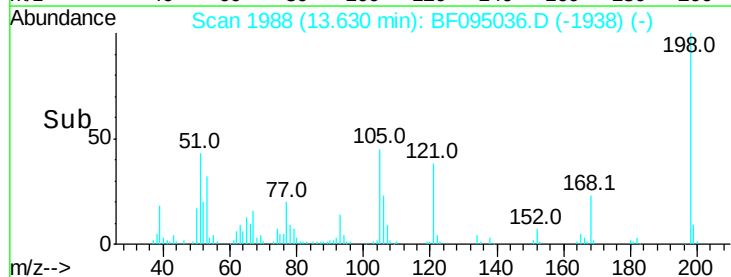
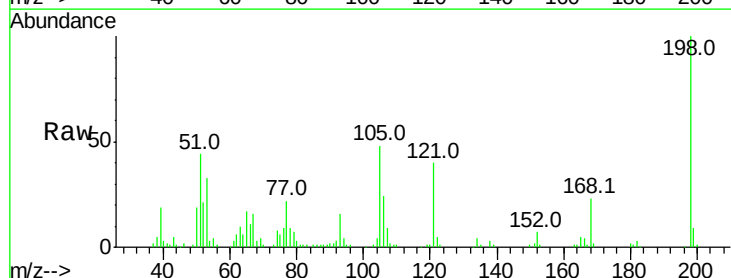
Manual Integrations
APPROVED

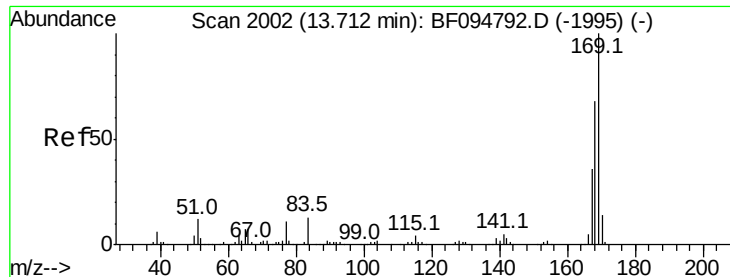
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.68 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.9	53.2	93.2#	
105	47.7	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 38.38 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

WC-COMP-15MSD

Tot Ion:169 Resp: 467039

Ion Ratio Lower Upper

169 100

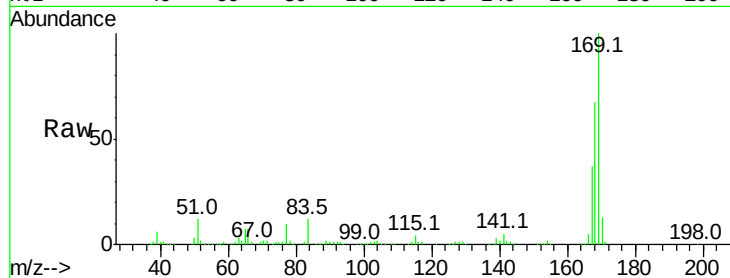
168 66.7 53.2 79.8

167 36.9 29.5 44.3

Manual Integrations
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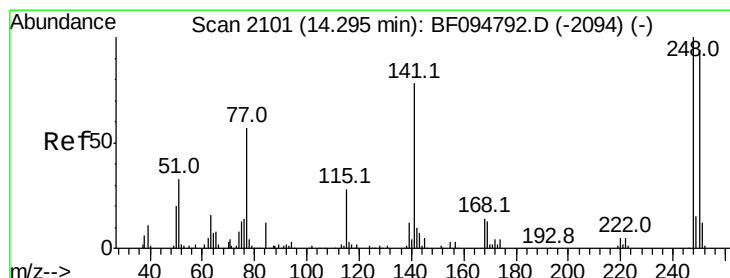
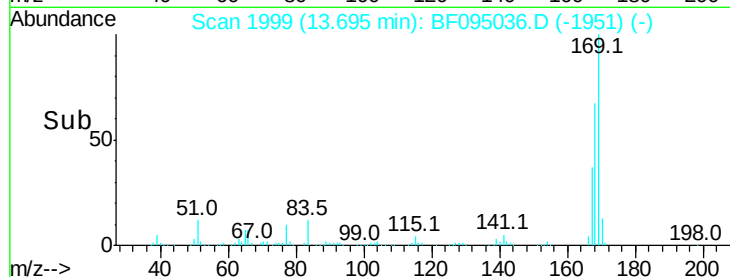
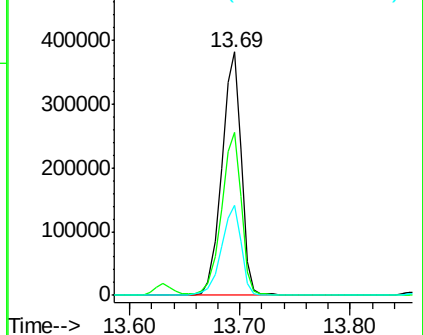
5/10/2017 11:46:56 AM



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: 45.45 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

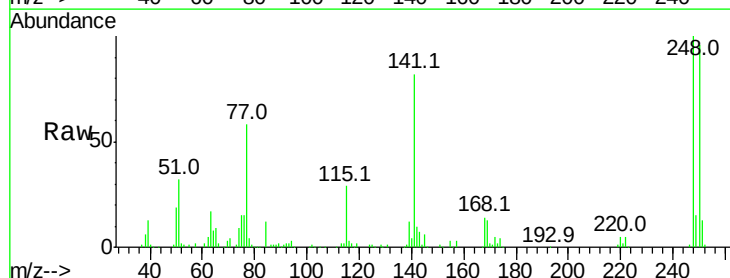
Tgt Ion:248 Resp: 160970

Ion Ratio Lower Upper

248 100

250 95.5 76.8 115.2

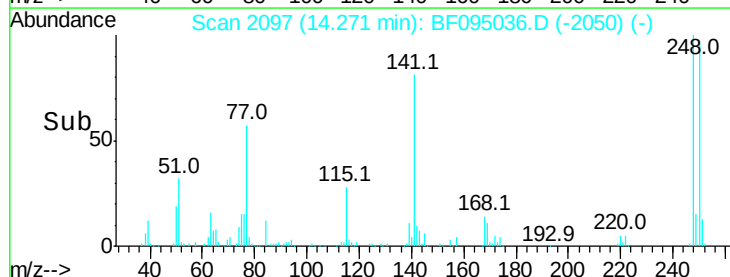
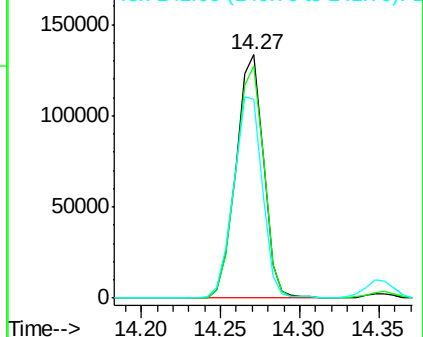
141 81.8 68.6 103.0

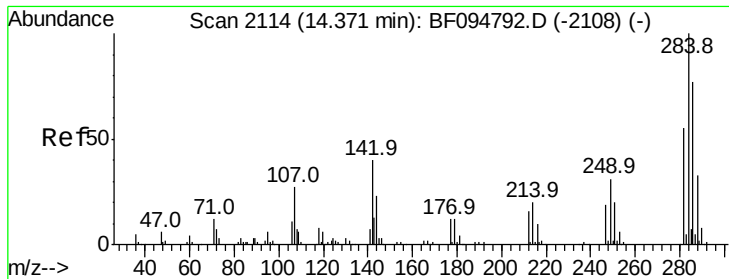


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.14 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

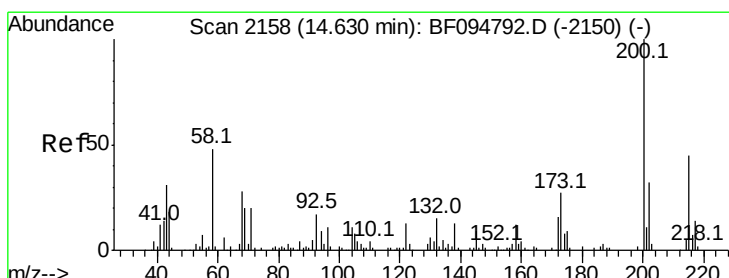
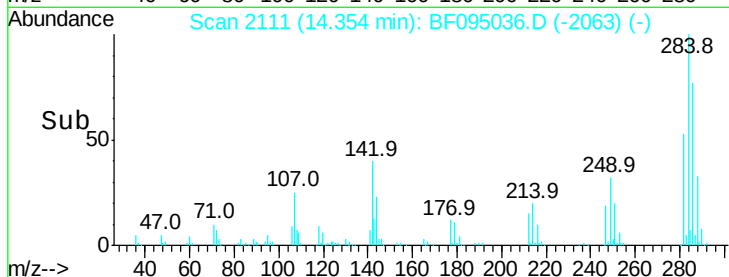
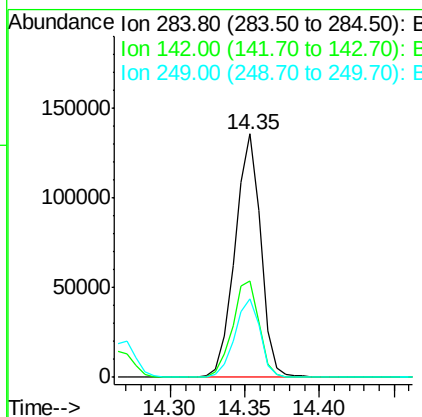
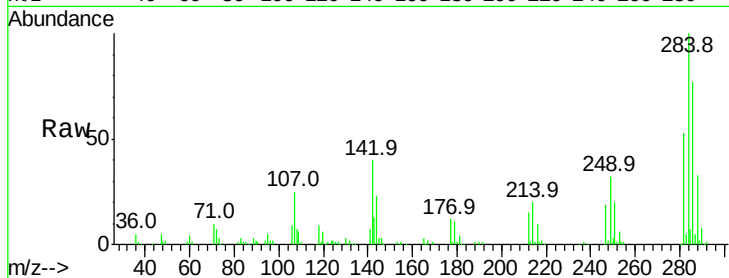
ClientSampleId :

WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	163852		
142	39.7	22.8	34.2#	
249	32.0	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 33.45 ng

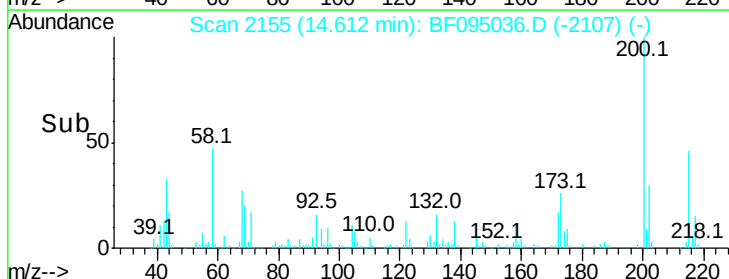
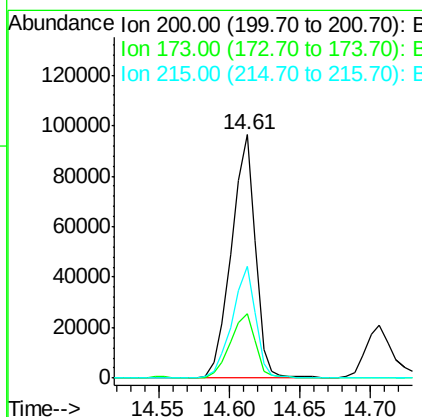
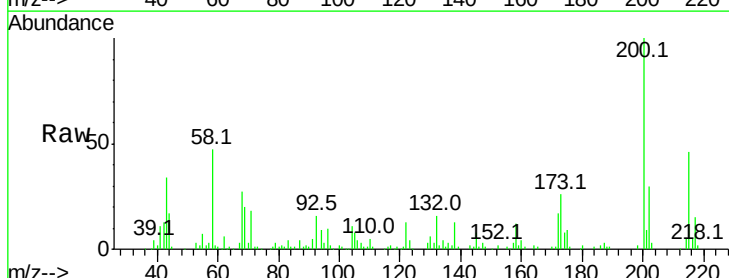
RT: 14.61 min Scan# 2155

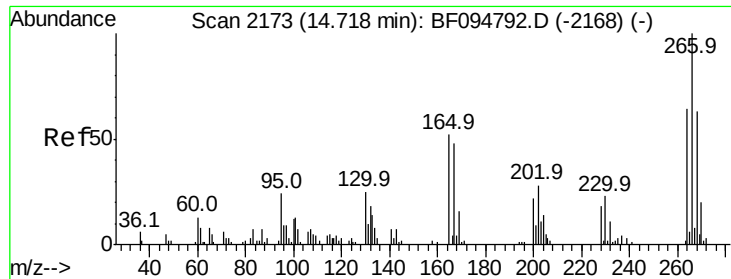
Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	114937		
173	26.5	6.3	46.3	
215	45.7	27.2	67.2	





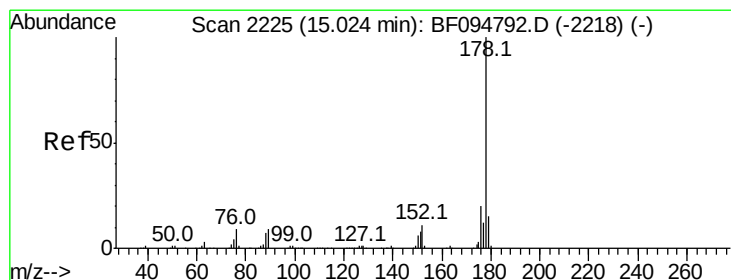
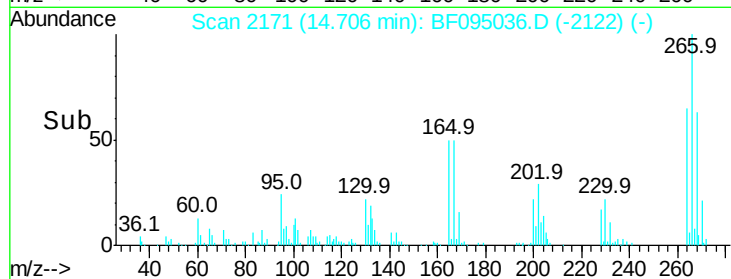
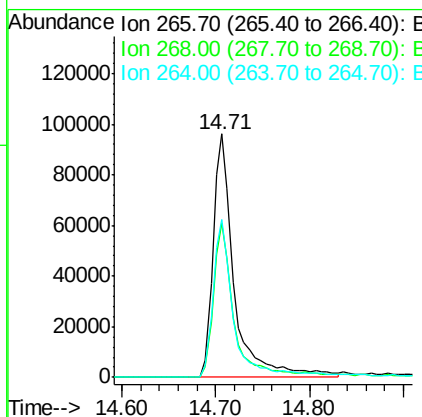
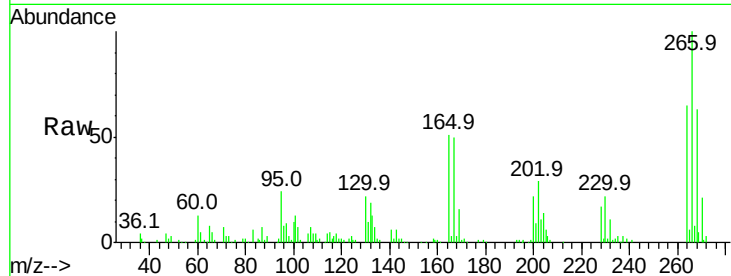
#69
 Pentachlorophenol
 Concen: 92.26 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	153016		
268	63.1		51.1	76.7
264	64.6		51.7	77.5

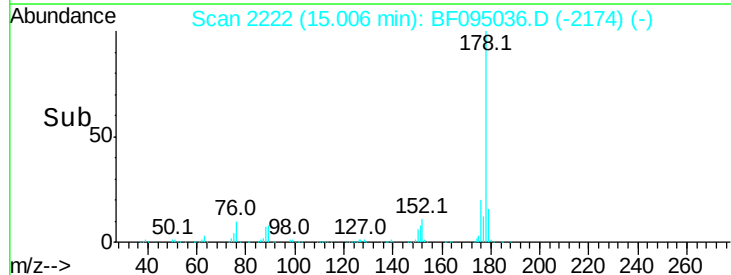
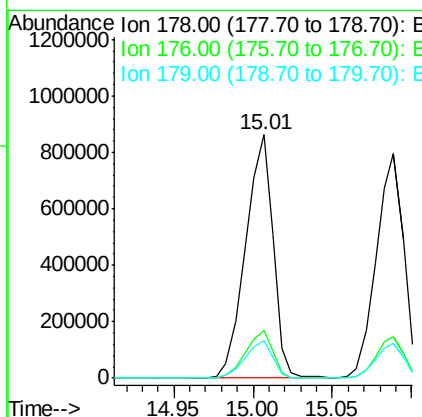
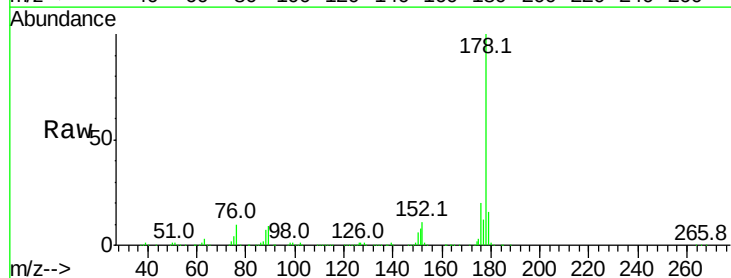
Manual Integrations
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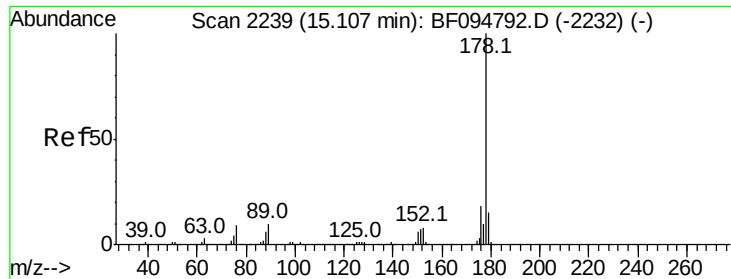
mohammad
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#70
 Phenanthrene
 Concen: 53.83 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1037005		
176	19.8		16.2	24.4
179	15.6		12.6	19.0





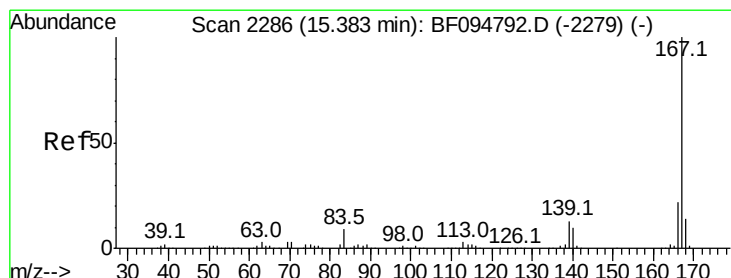
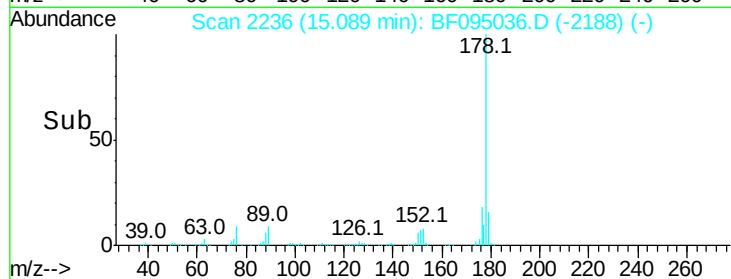
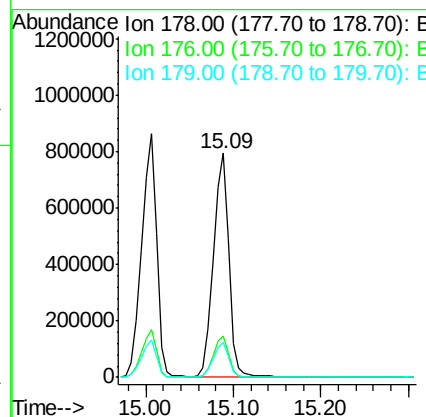
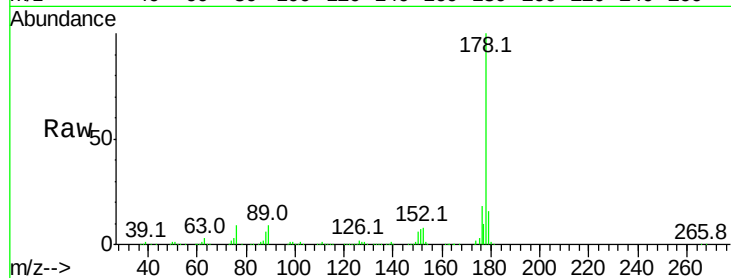
#71
 Anthracene
 Concen: 49.90 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.5	12.7	19.1

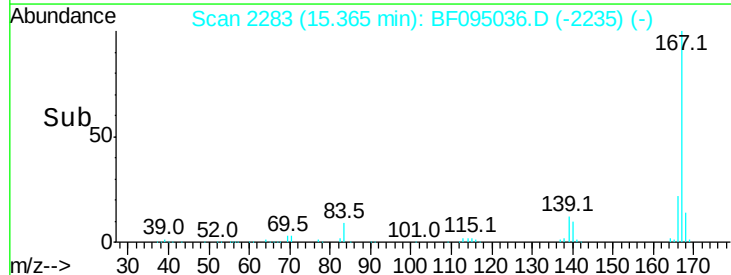
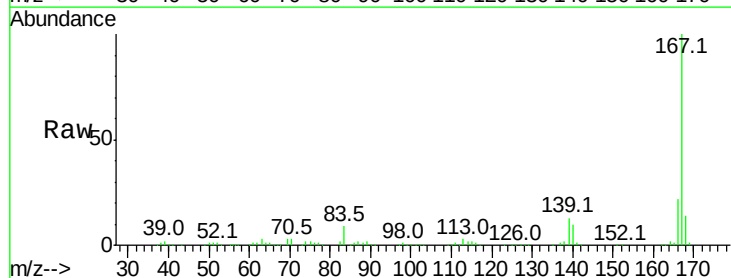
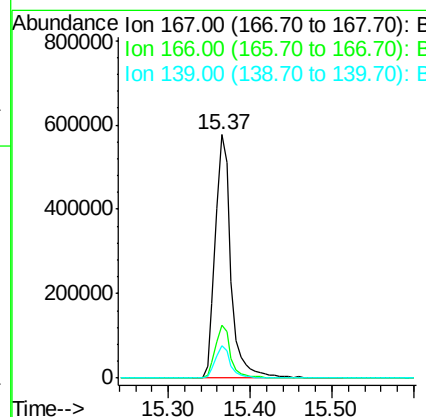
Manual Integrations
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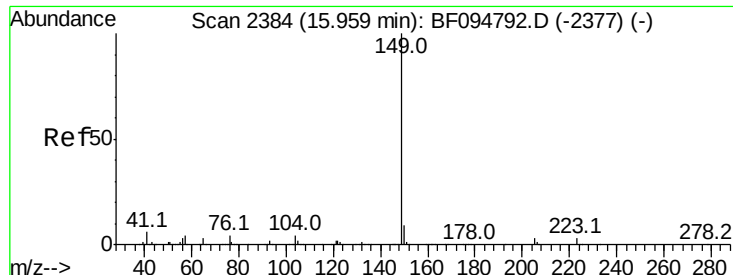
mohammad
 5/10/2017 11:46:56 AM



#72
 Carbazole
 Concen: 43.44 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 48.16 ng

RT: 15.94 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

ClientSampled :

WC-COMP-15MSD

Tot Ion:149 Resp: 1075359

Ion Ratio Lower Upper

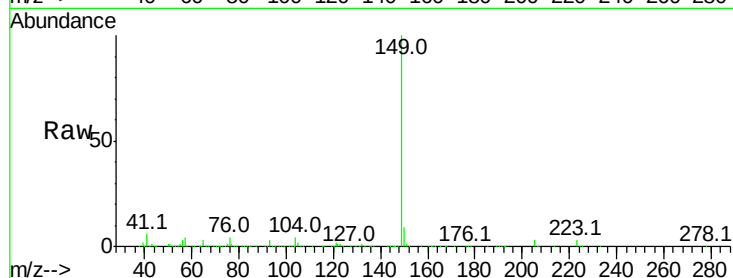
149 100

150 9.2 7.7 11.5

104 4.4 4.0 6.0

Manual Integrations
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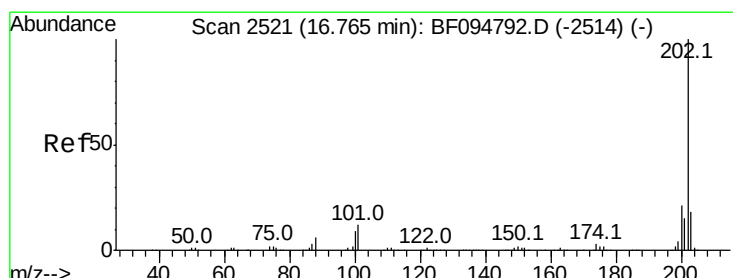
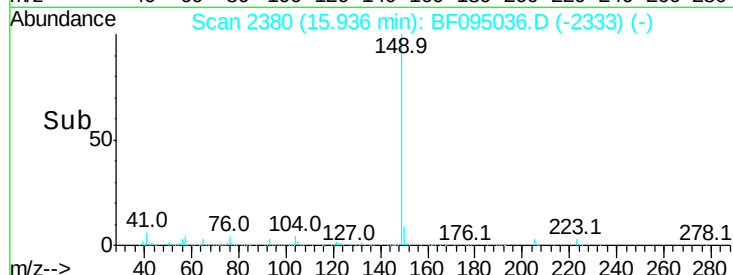
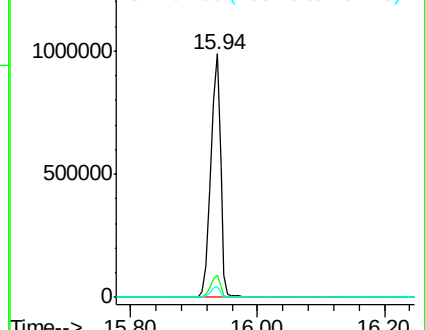
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.67 ng

RT: 16.74 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

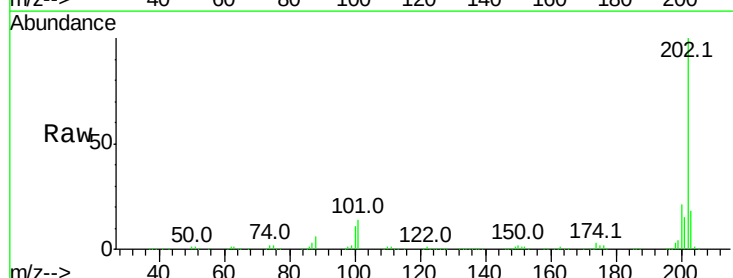
Tgt Ion:202 Resp: 961681

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

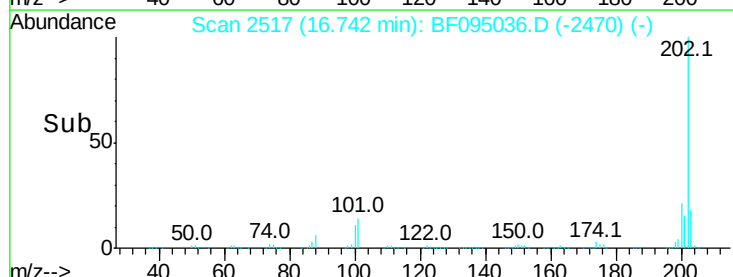
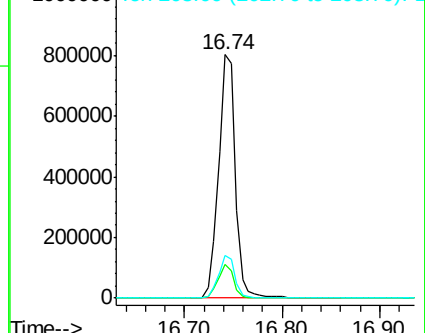
203 17.7 0.0 38.1

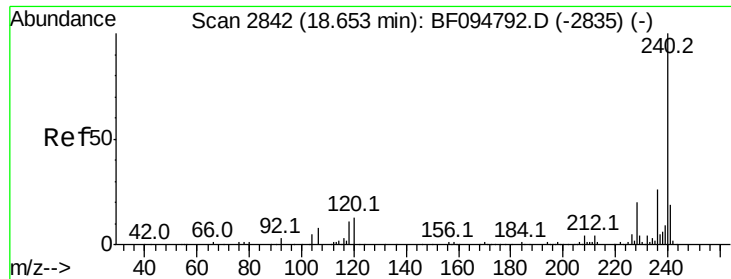


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

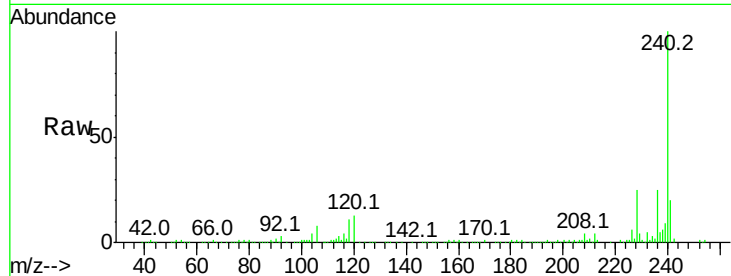
ClientSampleId :

WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	25.2	20.5	30.7

Manual Integrations
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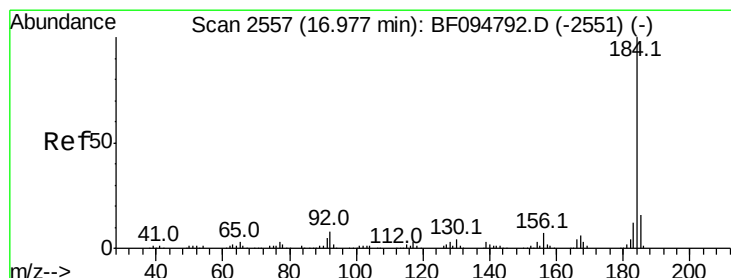
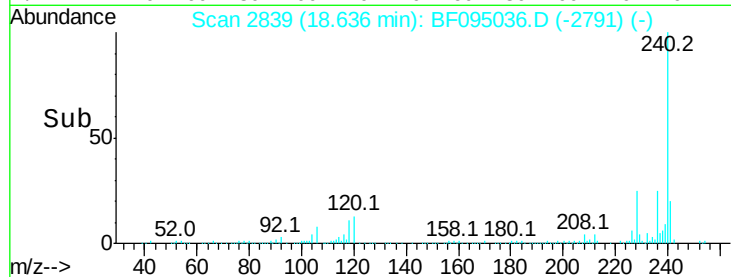
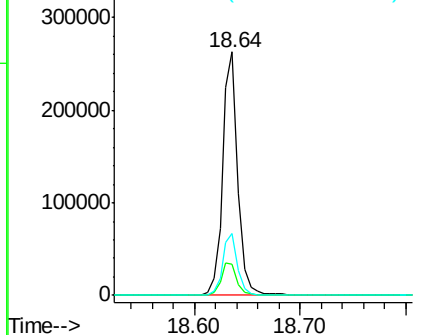
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.37 ng

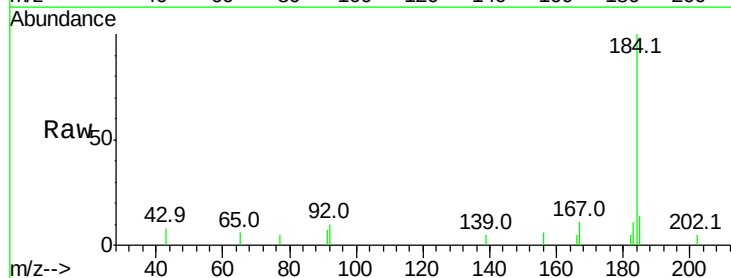
RT: 16.99 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

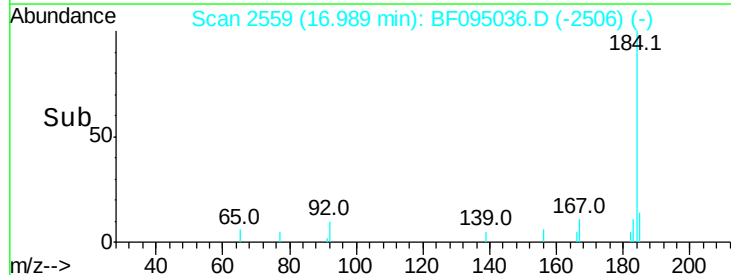
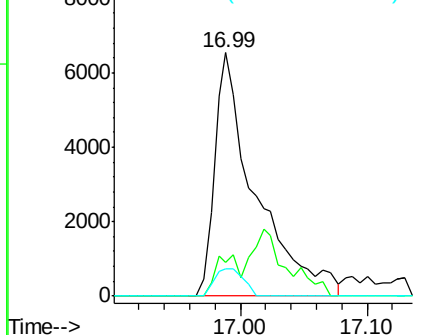
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	11.0	9.8	14.6

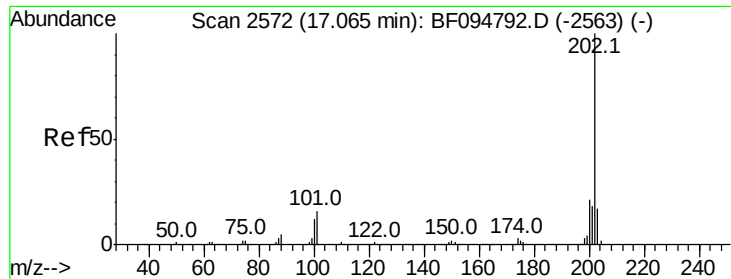


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.95 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

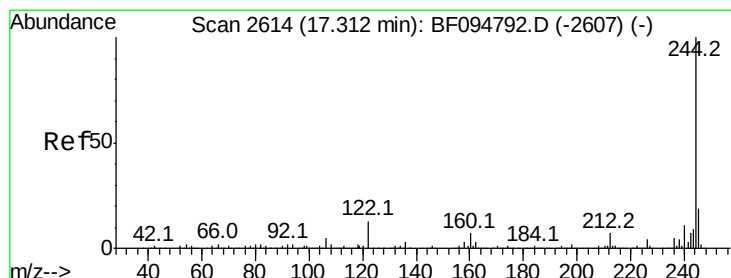
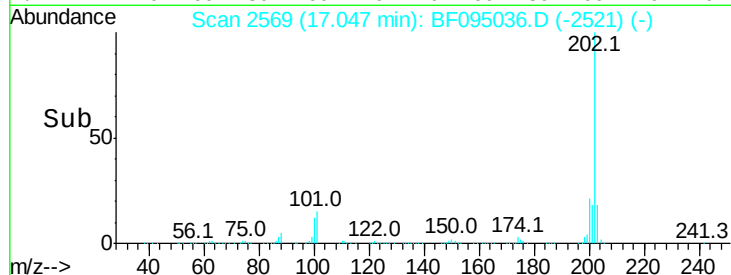
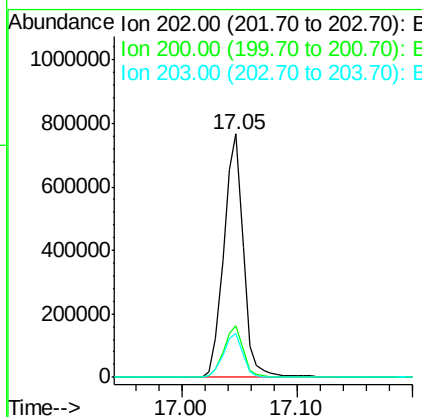
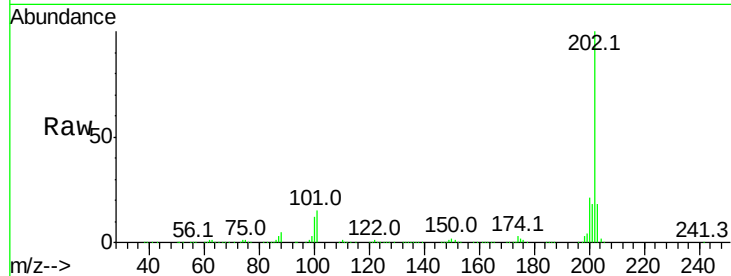
ClientSampleId :

WC-COMP-15MSD

Tot Ion:	202	Resp:	901086
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	17.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 85.13 ng

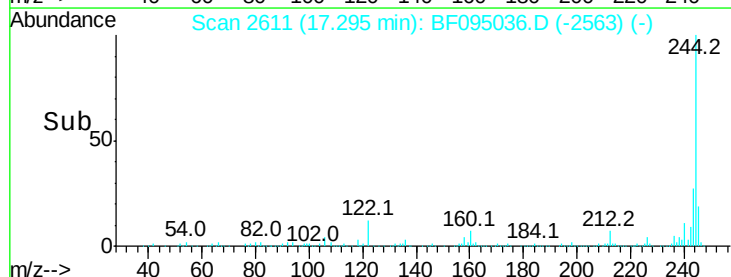
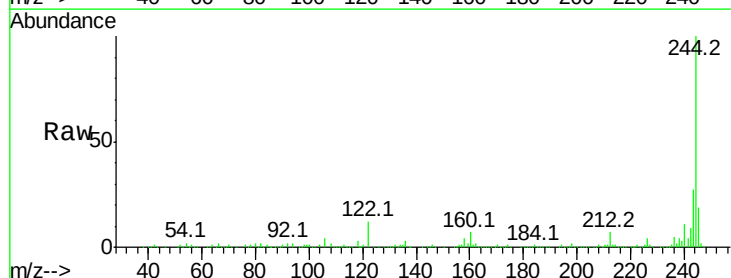
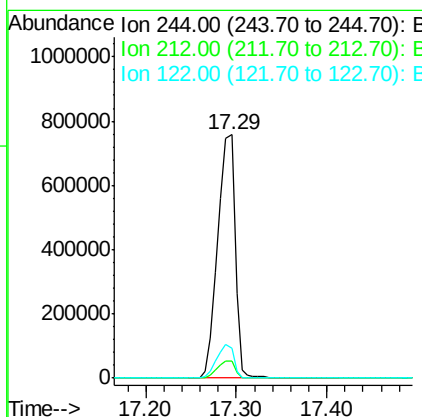
RT: 17.29 min Scan# 2611

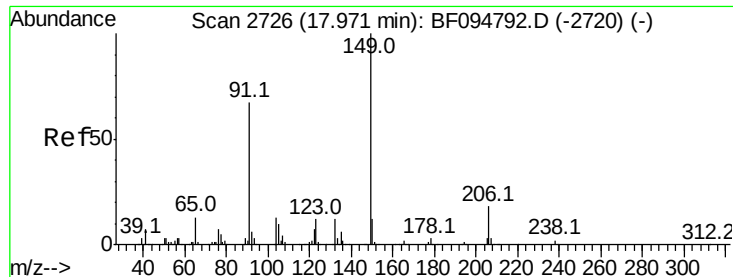
Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:	244	Resp:	1013357
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	12.5	10.3	15.5





#79

Butylbenzylphthalate

Concen: 48.18 ng

RT: 17.95 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

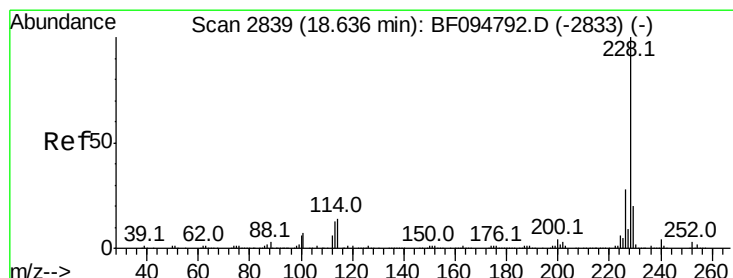
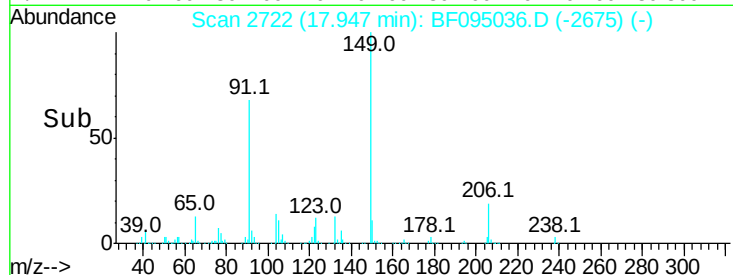
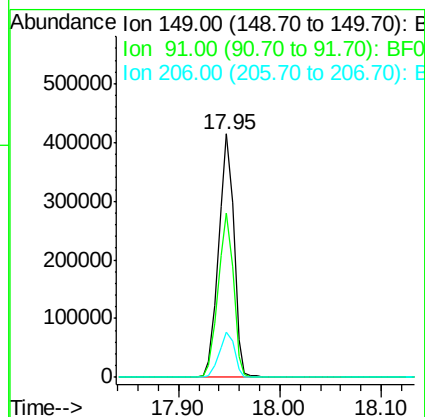
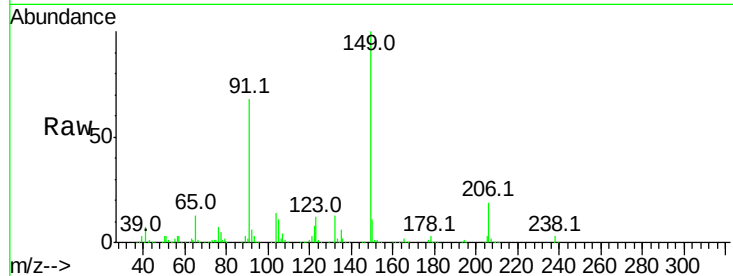
ClientSampleId :

WC-COMP-15MSD

Tot Ion:	149	Resp:	439465
Ion Ratio	Lower	Upper	
149	100		
91	67.5	45.0	67.4#
206	18.5	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 49.08 ng

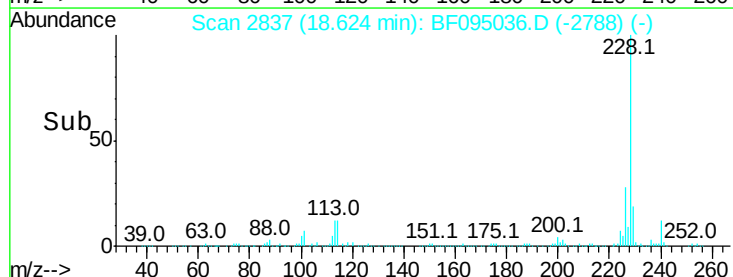
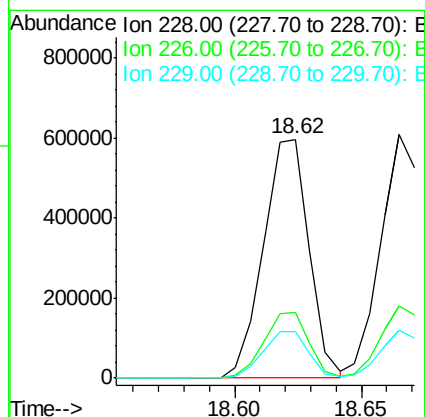
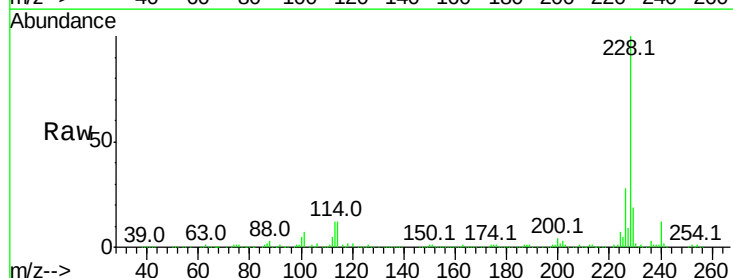
RT: 18.62 min Scan# 2837

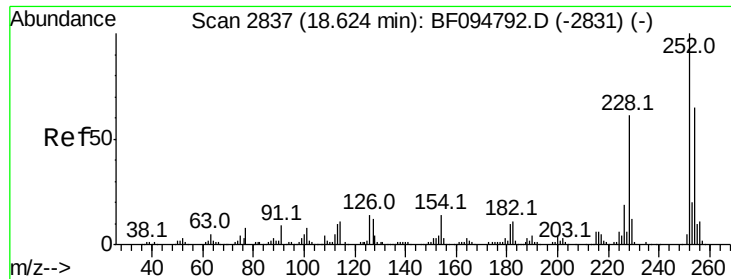
Delta R.T. -0.01 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion:	228	Resp:	748967
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	19.3	16.3	24.5





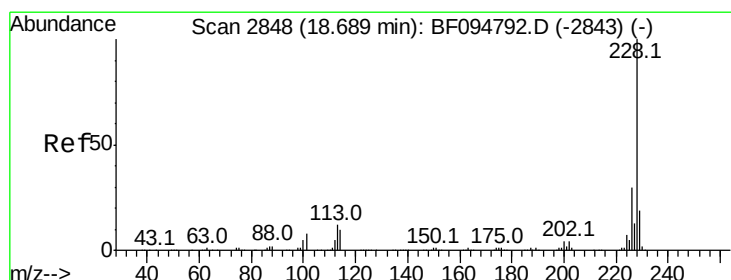
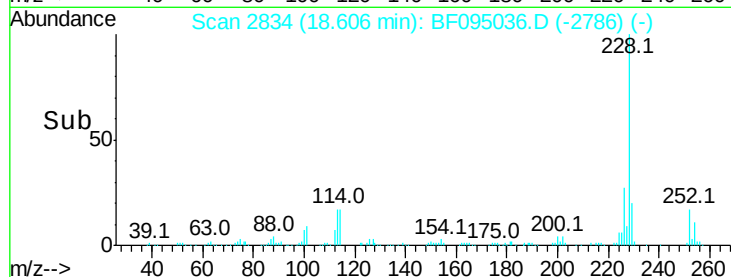
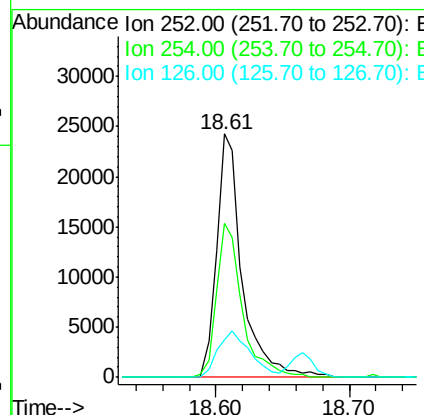
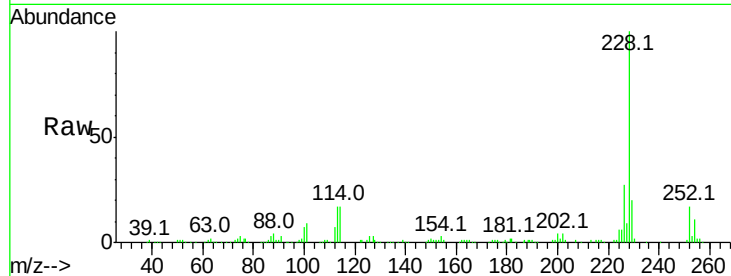
#81
 3,3'-Dichlorobenzidine
 Concen: 6.19 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.5	77.3
126	15.6	15.8	23.8

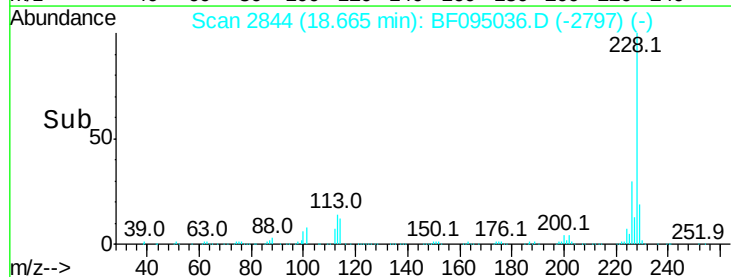
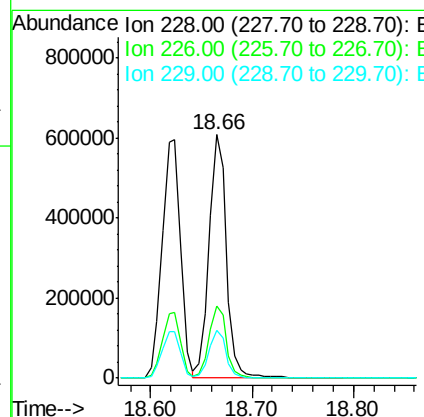
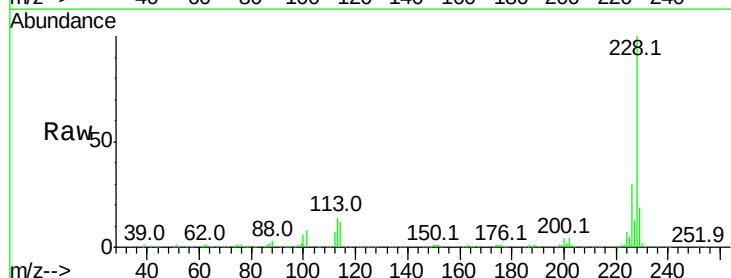
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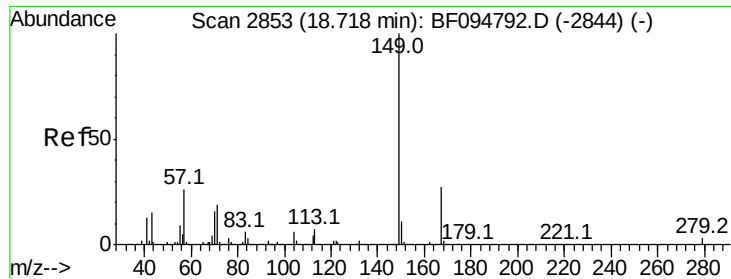
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#82
 Chrysene
 Concen: 48.90 ng
 RT: 18.66 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.24 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

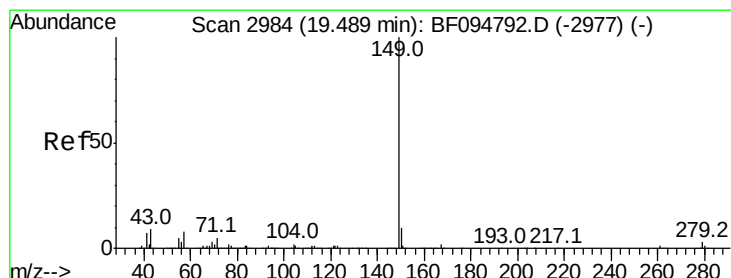
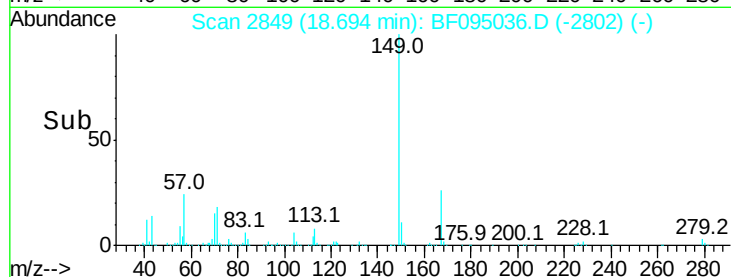
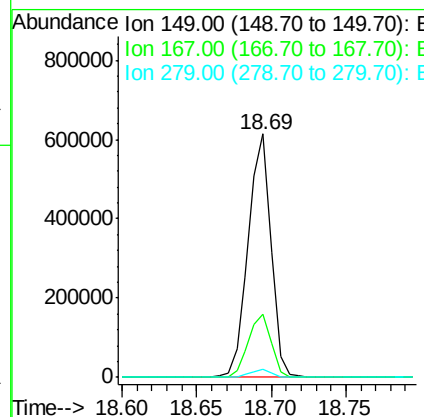
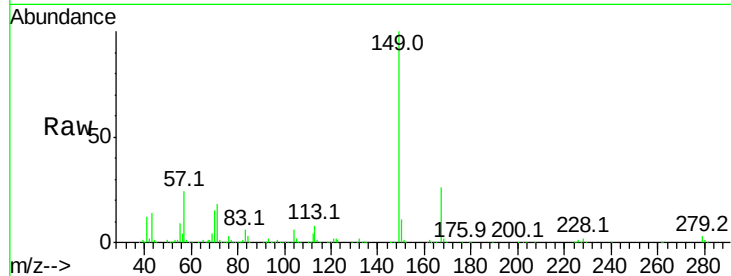
ClientSampleId :

WC-COMP-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	652916		
167	26.2		21.0	31.4
279	3.2		1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 48.84 ng

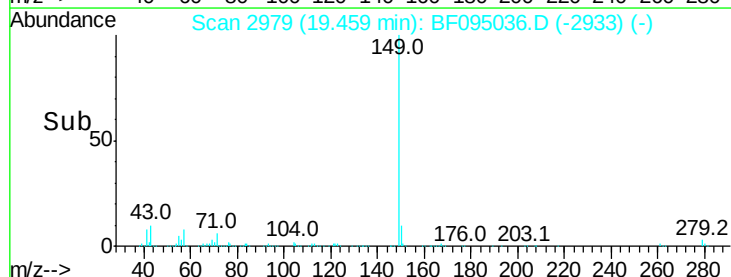
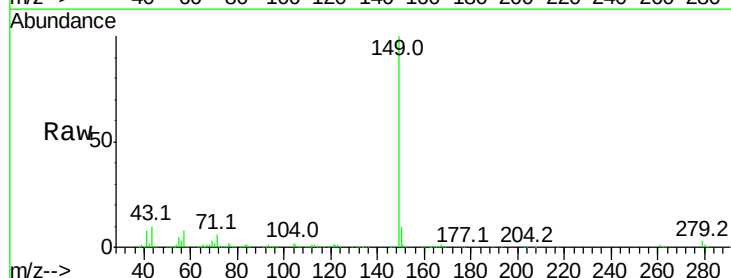
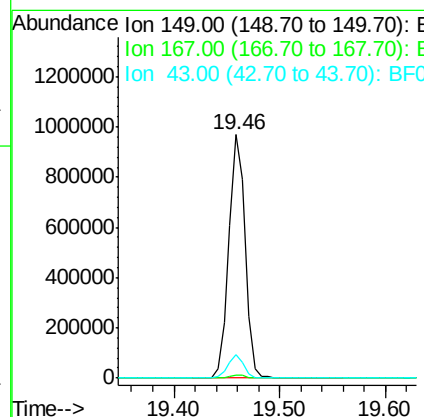
RT: 19.46 min Scan# 2979

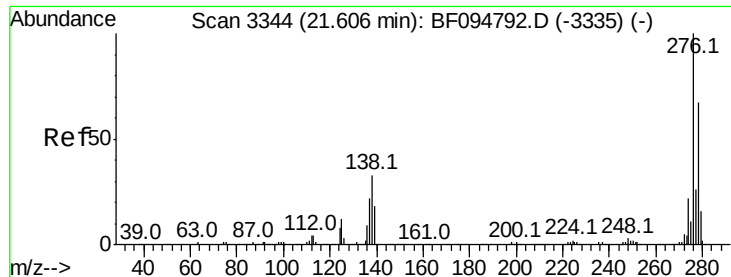
Delta R.T. -0.03 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1040502		
167	1.5		1.2	1.8
43	9.0		8.5	12.7





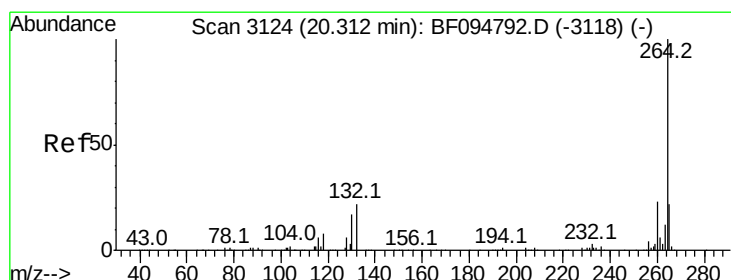
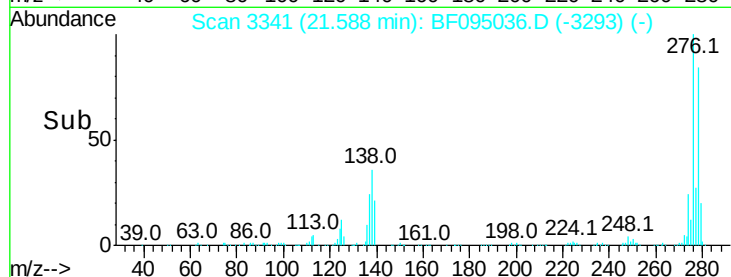
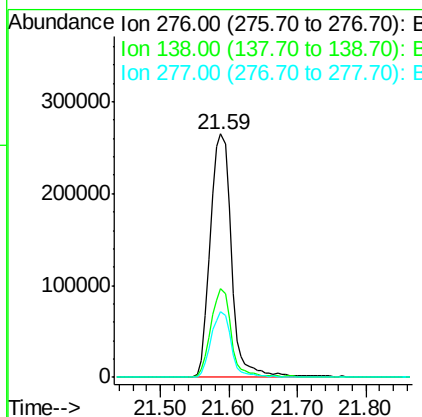
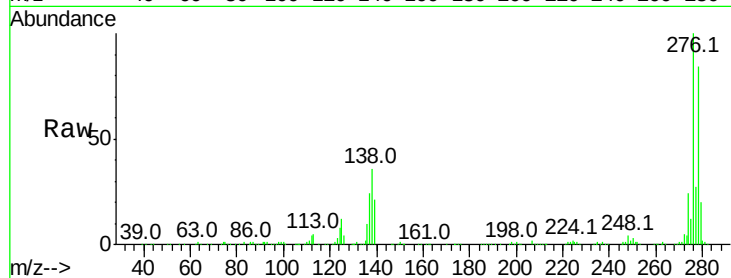
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.80 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion:	276	Resp:	572757
Ion Ratio	Lower	Upper	
276	100		
138	34.8	27.8	41.6
277	25.8	20.2	30.4

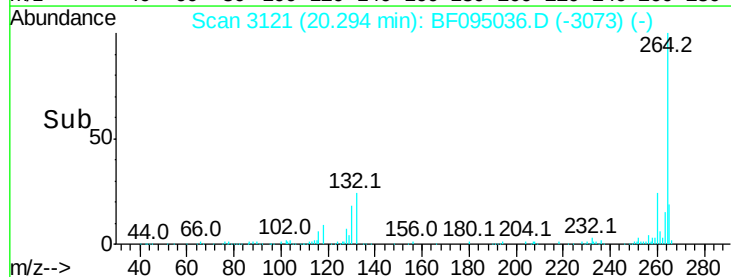
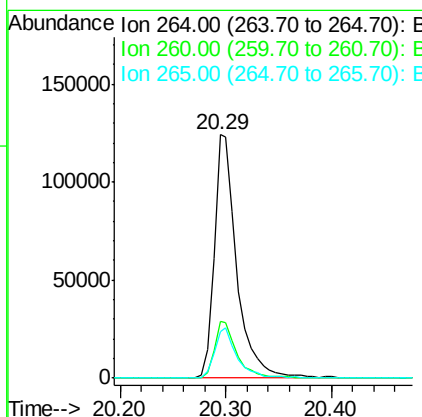
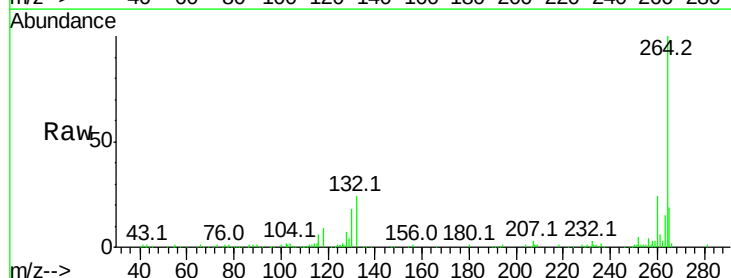
Manual Integrations
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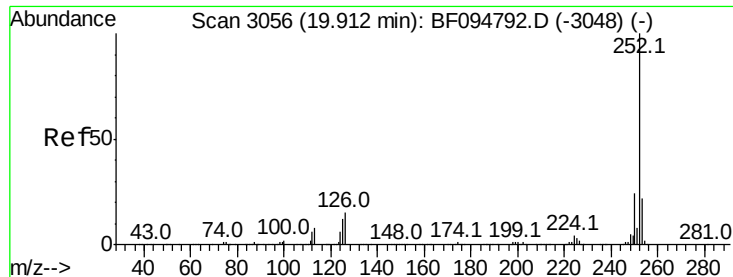
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Tgt Ion:	264	Resp:	185721
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	19.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 52.48 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Instrument :

BNA_F

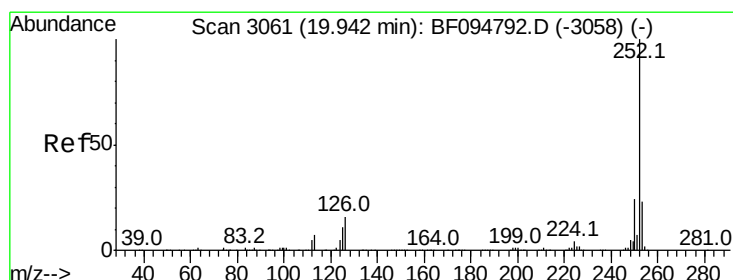
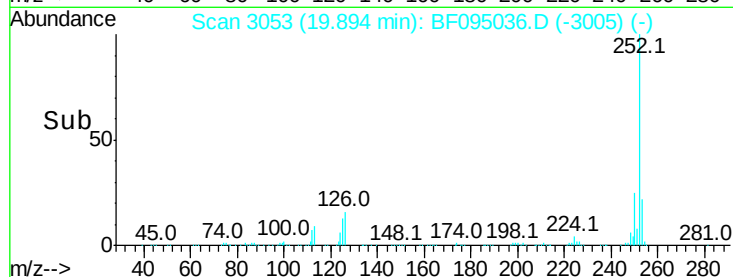
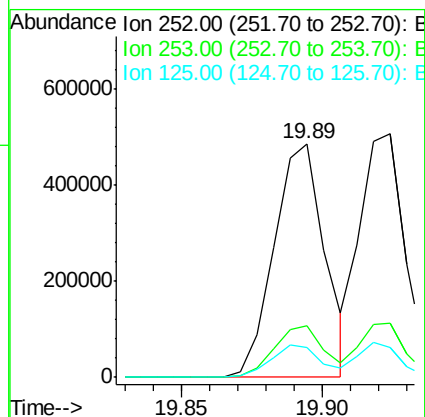
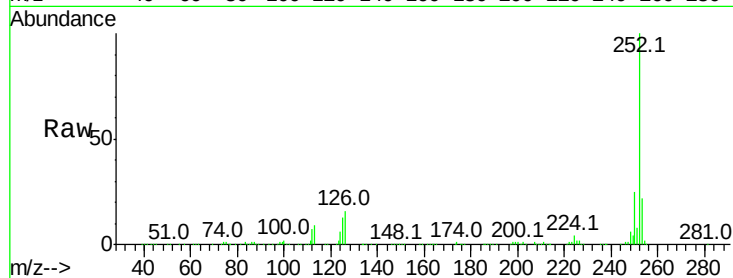
ClientSampleId :

WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 53.70 ng

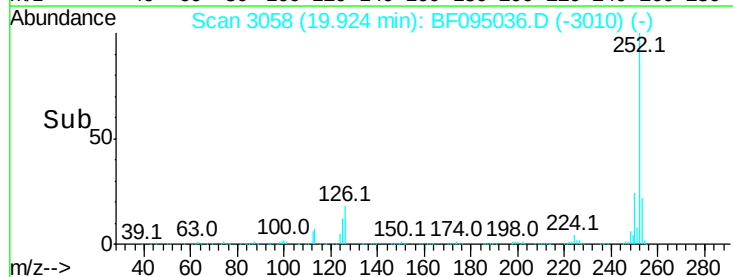
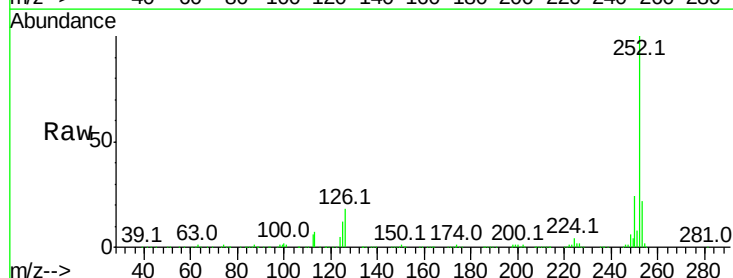
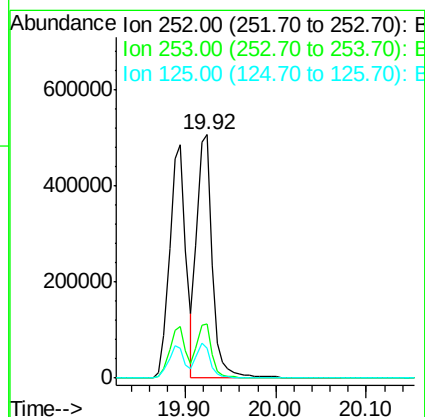
RT: 19.92 min Scan# 3058

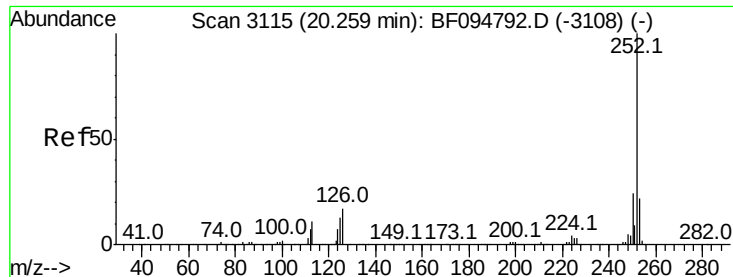
Delta R.T. -0.02 min

Lab File: BF095036.D

Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	12.4	13.1	19.7#





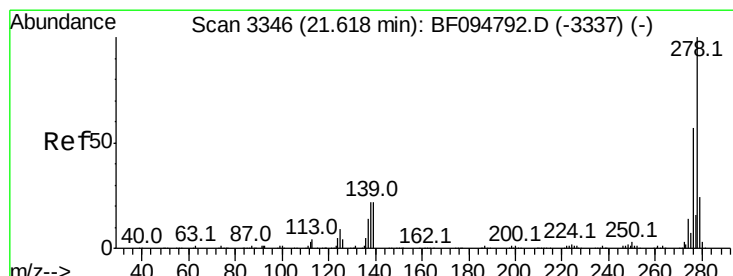
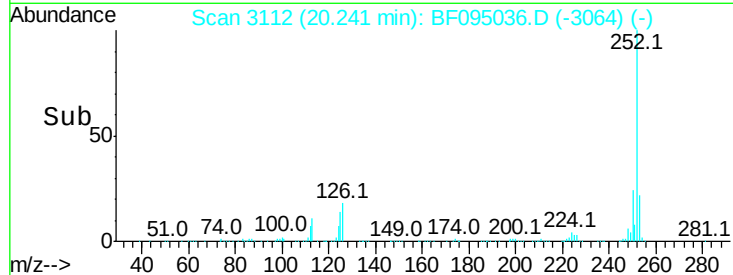
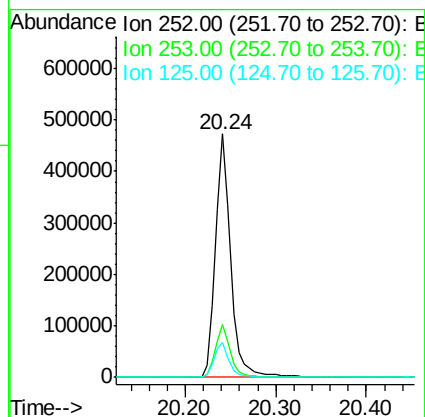
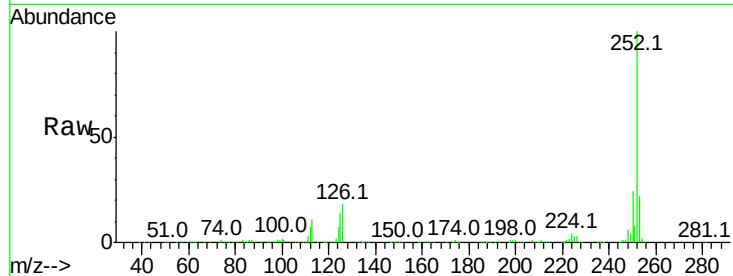
#89
Benzo(a)pyrene
Concen: 52.14 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.1	11.0	16.4

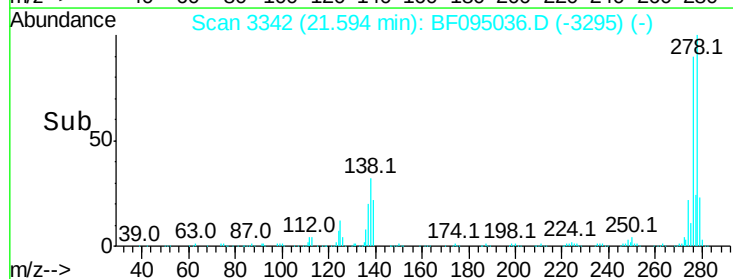
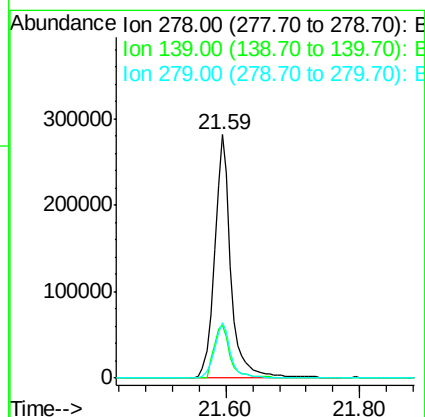
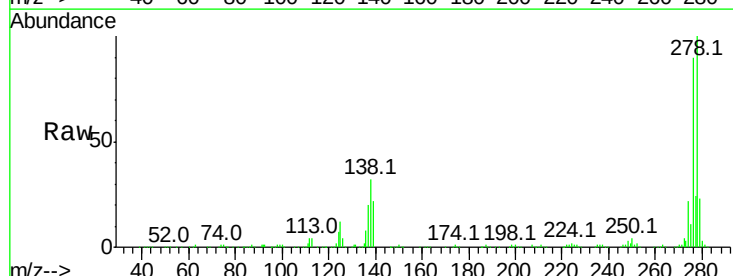
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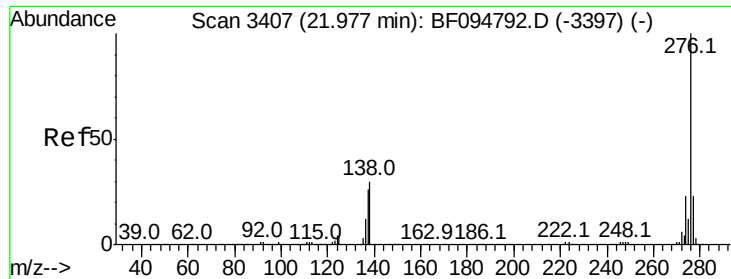
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#90
Dibenzo(a,h)anthracene
Concen: 55.27 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BF095036.D
Acq: 9 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 57.07 ng
 RT: 21.96 min Scan# 3404
 Delta R.T. -0.02 min
 Lab File: BF095036.D
 Acq: 9 May 2017 22:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-COMP-15MSD

Tot Ion:	276	Resp:	489762
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	29.7	25.4	38.0

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