

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096774.D
 Acq On : 14 Jul 2017 14:31
 Operator : SJ/JU
 Sample : I4172-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Manual Integrations
 APPROVED

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 7/17/2017 3:56:21 PM

Quant Time: Jul 14 18:18:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	113026	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	445407	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	197730	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	290642	20.00	ng	0.00
75) Chrysene-d12	13.77	240	152997	20.00	ng	0.00
86) Perylene-d12	15.16	264	200519	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	993484	132.16	ng	0.02
7) Phenol-d6	6.29	99	1206370	133.73	ng	0.01
23) Nitrobenzene-d5	7.20	82	717657	99.80	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	197332	116.92	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1123967	89.81	ng	0.00
78) Terphenyl-d14	12.73	244	695927	78.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	135789	35.106	ng	# 77
3) Pyridine	2.99	79	349505	42.995	ng	# 64
4) n-Nitrosodimethylamine	2.92	42	225224	49.544	ng	81
6) Aniline	6.30	93	238007	21.420	ng	# 1
8) 2-Chlorophenol	6.43	128	364297	44.922	ng	95
9) Benzaldehyde	6.18	77	199287	38.222	ng	97
10) Phenol	6.30	94	459728	45.082	ng	90
11) bis(2-Chloroethyl)ether	6.38	93	363910	47.455	ng	91
12) 1,3-Dichlorobenzene	6.58	146	385082	44.672	ng	98
13) 1,4-Dichlorobenzene	6.66	146	382776	43.848	ng	96
14) 1,2-Dichlorobenzene	6.81	146	359296	45.251	ng	99
15) Benzyl Alcohol	6.79	79	294275	49.828	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	775155	48.980	ng	95
17) 2-Methylphenol	6.91	107	308686	48.950	ng	97
18) Hexachloroethane	7.15	117	142837	46.144	ng	# 83
19) n-Nitroso-di-n-propylamine	7.06	70	252539	46.469	ng	# 83
20) 3+4-Methylphenols	7.06	107	355780	46.493	ng	# 73
22) Acetophenone	7.05	105	492412	49.464	ng	97
24) Nitrobenzene	7.22	77	374242	50.322	ng	94
25) Isophorone	7.47	82	691501	51.693	ng	95
26) 2-Nitrophenol	7.54	139	202851	49.054	ng	# 88
27) 2,4-Dimethylphenol	7.59	122	341143	50.145	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	466087	51.562	ng	100
29) 2,4-Dichlorophenol	7.79	162	304835	49.502	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	286840	48.990	ng	99
31) Naphthalene	7.95	128	1045868	49.567	ng	99
33) 4-Chloroaniline	7.99	127	118043	14.120	ng	95
34) Hexachlorobutadiene	8.07	225	148383	47.473	ng	98
35) Caprolactam	8.36	113	85227m	43.193	ng	
36) 4-Chloro-3-methylphenol	8.49	107	322824	48.754	ng	88
37) 2-Methylnaphthalene	8.63	142	692992	51.516	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	236530	44.252	ng	99
40) Hexachlorocyclopentadiene	8.79	237	143963	72.134	ng	100
42) 2,4,6-Trichlorophenol	8.92	196	171539	43.508	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	193468	48.654	ng	97
45) 1,1'-Biphenyl	9.10	154	763910	45.047	ng	98
46) 2-Chloronaphthalene	9.12	162	600565	48.094	ng	93
47) 2-Nitroaniline	9.22	65	219240	51.077	ng	95
48) Acenaphthylene	9.53	152	919982	46.239	ng	99
49) Dimethylphthalate	9.41	163	850300	57.112	ng	99
50) 2,6-Dinitrotoluene	9.46	165	159572	49.482	ng #	83
51) Acenaphthene	9.70	154	528181	44.938	ng	99
52) 3-Nitroaniline	9.62	138	88875	23.264	ng	97
53) 2,4-Dinitrophenol	9.74	184	3261	8.611	ng #	75
54) Dibenzofuran	9.87	168	739305	44.886	ng	98
55) 4-Nitrophenol	9.80	139	218085	78.139	ng #	70
56) 2,4-Dinitrotoluene	9.87	165	176858	42.679	ng #	77
57) Fluorene	10.22	166	553001	45.436	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	116929	42.401	ng	98
59) Diethylphthalate	10.10	149	671771	46.349	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	235088	47.292	ng	98
61) 4-Nitroaniline	10.24	138	150698	42.007	ng	91
62) Azobenzene	10.37	77	640409	50.085	ng	92
64) 4,6-Dinitro-2-methylphenol	10.27	198	14235	7.801	ng	89
65) n-Nitrosodiphenylamine	10.33	169	534156	51.414	ng	98
66) 4-Bromophenyl-phenylether	10.70	248	150461	50.706	ng	96
67) Hexachlorobenzene	10.77	284	156362	47.312	ng #	91
68) Atrazine	10.86	200	154224	52.104	ng	93
69) Pentachlorophenol	10.96	266	88691	55.550	ng	96
70) Phenanthrene	11.17	178	755928	47.834	ng	99
71) Anthracene	11.23	178	790870	49.497	ng	99
72) Carbazole	11.38	167	689569	44.566	ng	99
73) Di-n-butylphthalate	11.72	149	960353	49.836	ng	99
74) Fluoranthene	12.36	202	647569	42.810	ng	98
76) Benzidine	12.47	184	261377	52.148	ng #	91
77) Pyrene	12.58	202	640712	46.143	ng	99
79) Butylbenzylphthalate	13.21	149	316974	96.091	ng #	84
80) Benzo(a)anthracene	13.76	228	467035	48.992	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	128854	37.588	ng #	95
82) Chrysene	13.80	228	458000	48.803	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	369961	46.047	ng	100
84) Di-n-octyl phthalate	14.39	149	759925	57.220	ng #	94
85) Indeno(1,2,3-cd)pyrene	16.48	276	584354	62.528	ng	98
87) Benzo(b)fluoranthene	14.77	252	570292	47.157	ng	98
88) Benzo(k)fluoranthene	14.80	252	456406	39.854	ng	96
89) Benzo(a)pyrene	15.10	252	525239	47.353	ng	98
90) Dibenzo(a,h)anthracene	16.49	278	471087	46.156	ng	97
91) Benzo(g,h,i)perylene	16.87	276	496803	45.456	ng	96

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

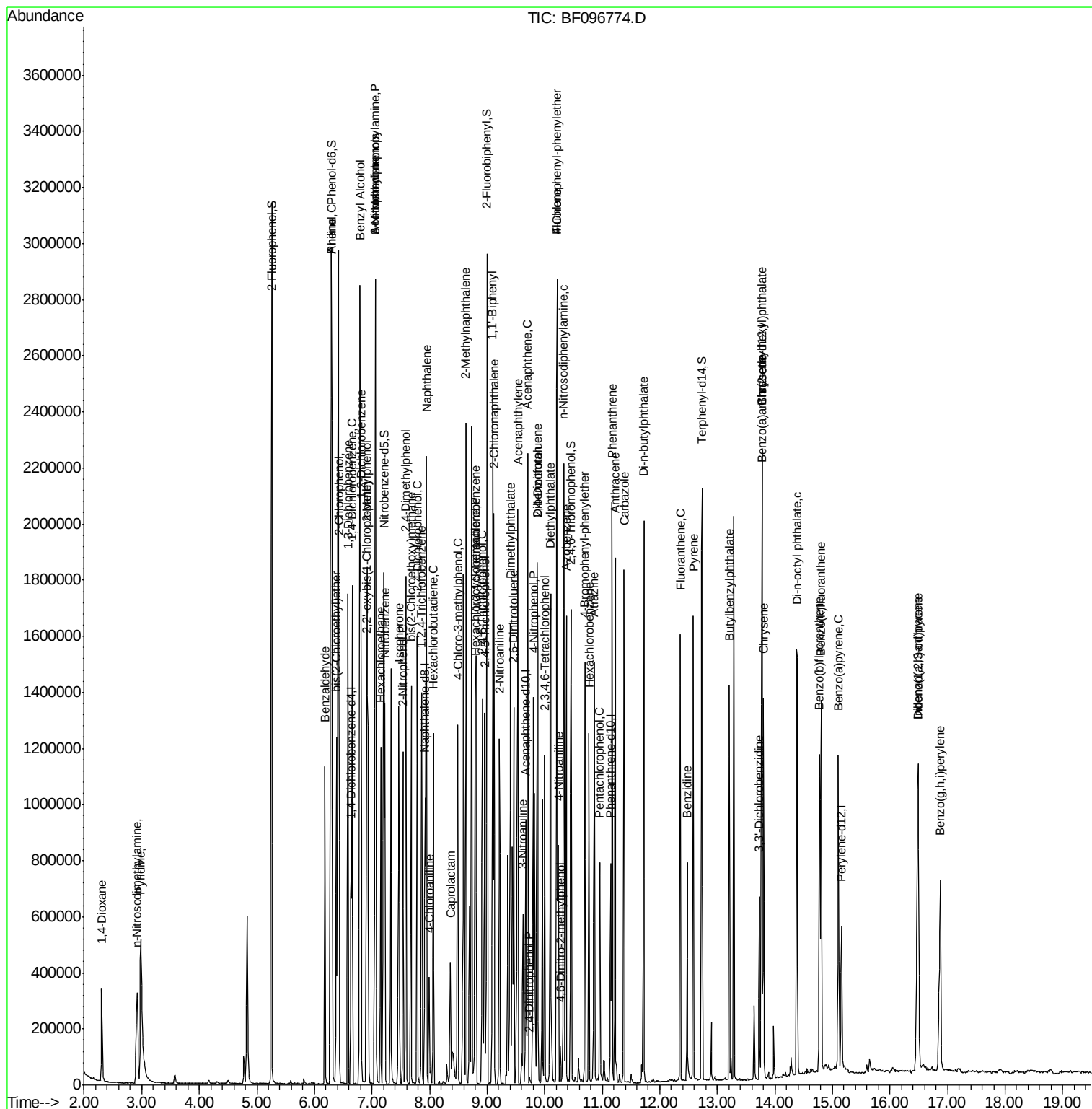
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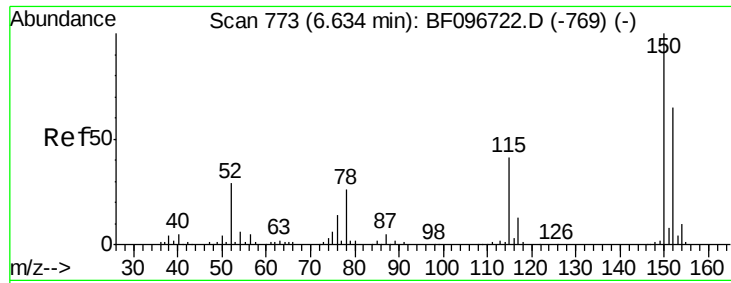
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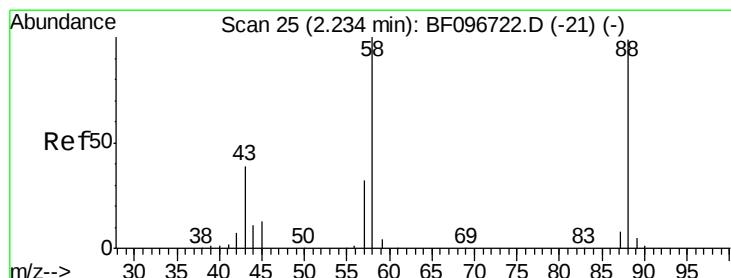
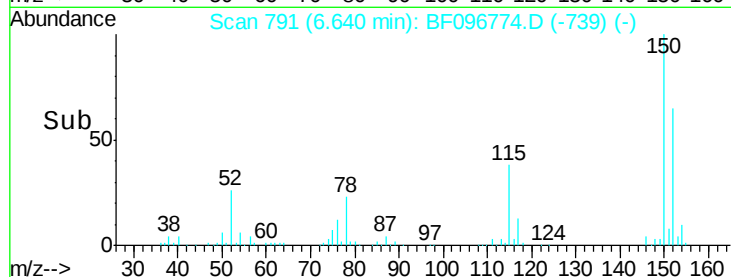
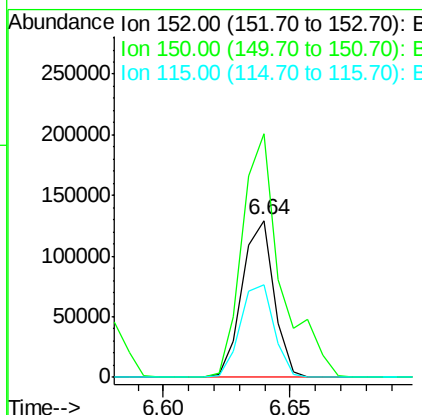
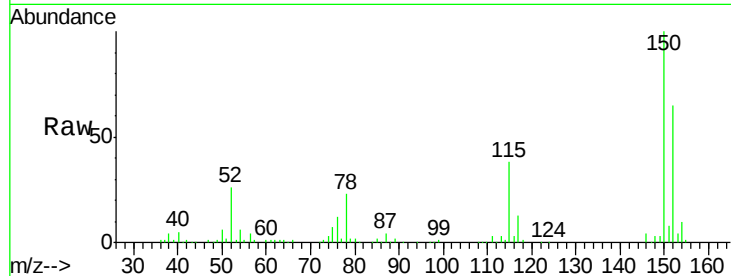
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.64 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	59.2	52.2	78.2

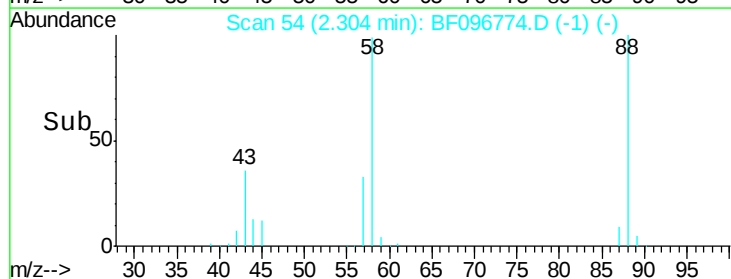
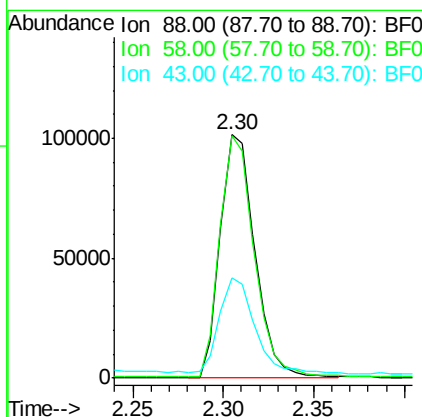
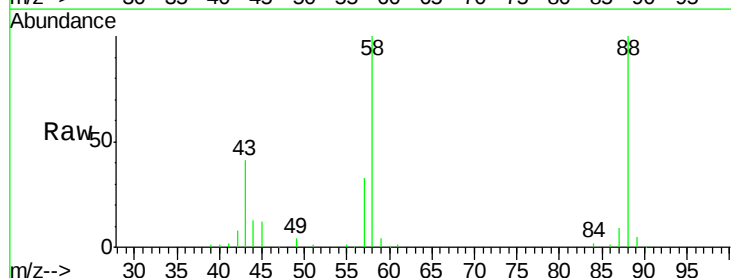
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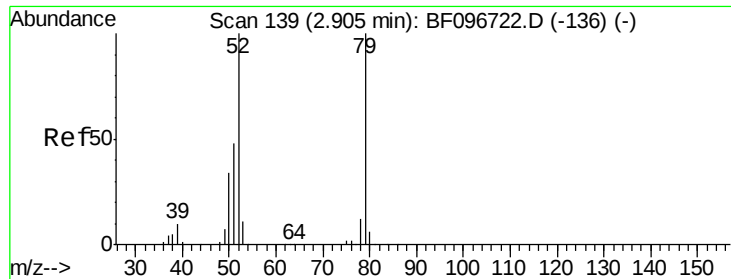
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#2
 1,4-Dioxane
 Concen: 35.106 ng
 RT: 2.30 min Scan# 54
 Delta R.T. 0.07 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	61.4	92.0#
43	40.0	23.4	35.0#





#3

Pyridine

Concen: 42.995 ng

RT: 2.99 min Scan# 170

Delta R.T. 0.08 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

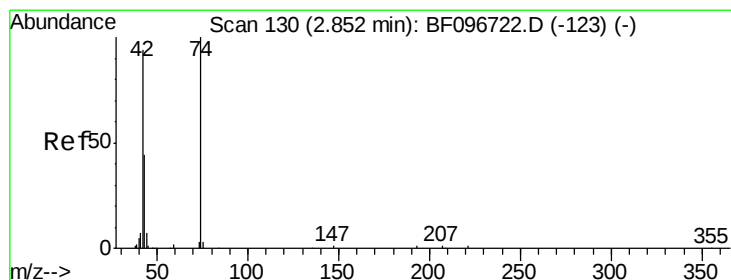
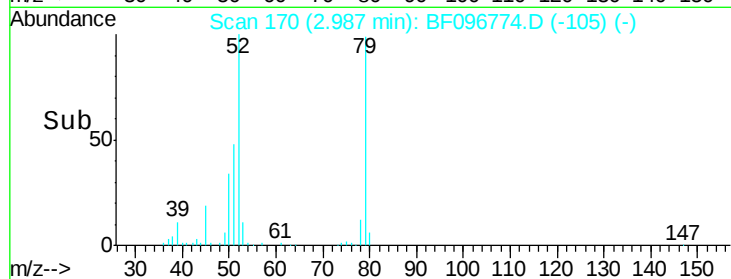
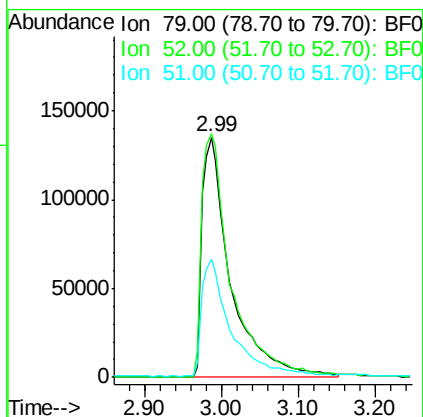
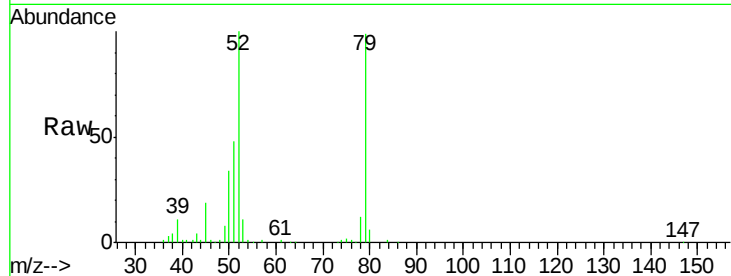
ClientSampleId :

E2-05-ESWMS

Tgt Ion:	79	Resp:	349505
Ion Ratio	Lower	Upper	
79	100		
52	101.4	54.8	82.2#
51	49.1	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 49.544 ng

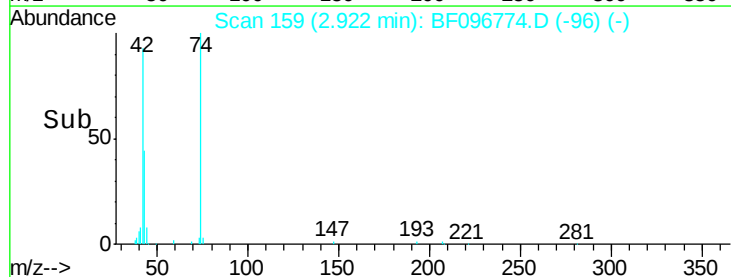
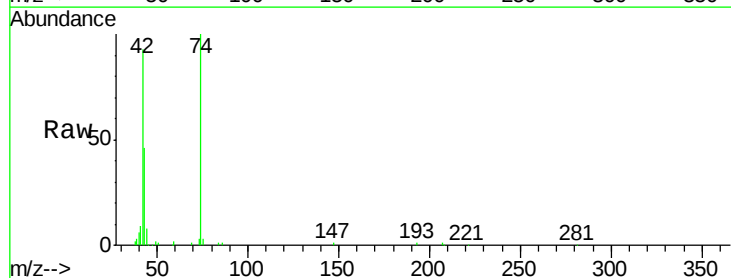
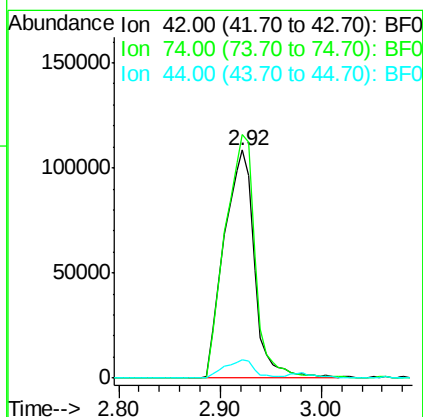
RT: 2.92 min Scan# 159

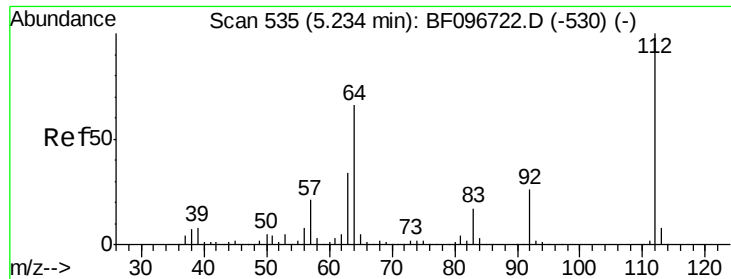
Delta R.T. 0.07 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Tgt Ion:	42	Resp:	225224
Ion Ratio	Lower	Upper	
42	100		
74	107.0	103.9	155.9
44	8.2	5.7	8.5





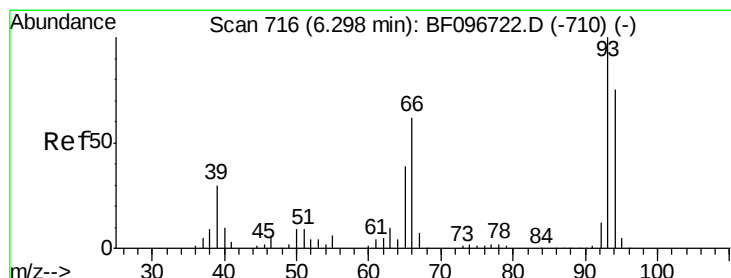
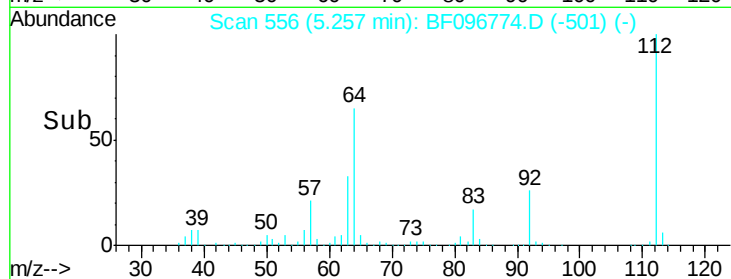
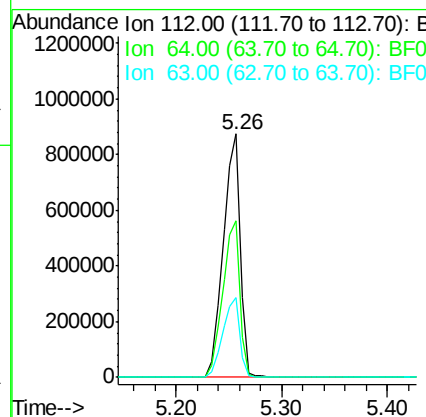
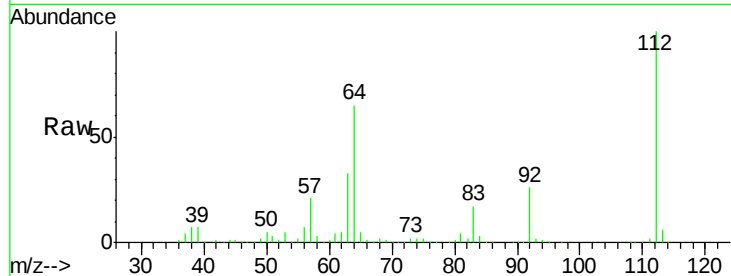
#5
2-Fluorophenol
Concen: 132.163 ng
RT: 5.26 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
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ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.5	46.0	69.0
63	32.6	23.4	35.0

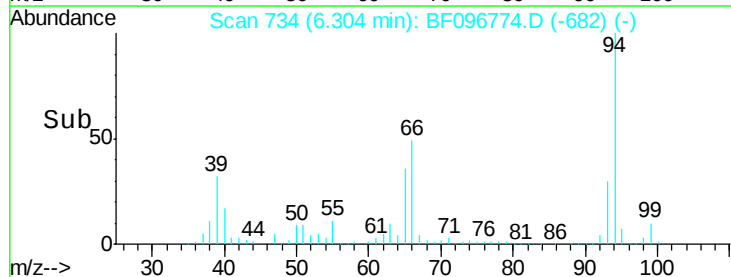
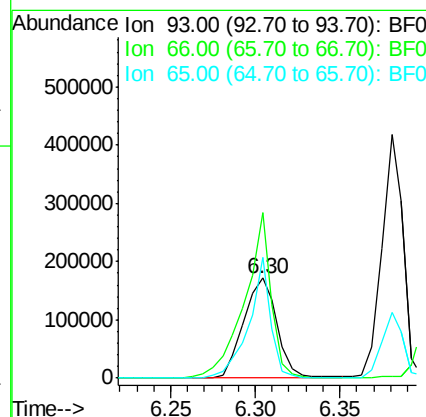
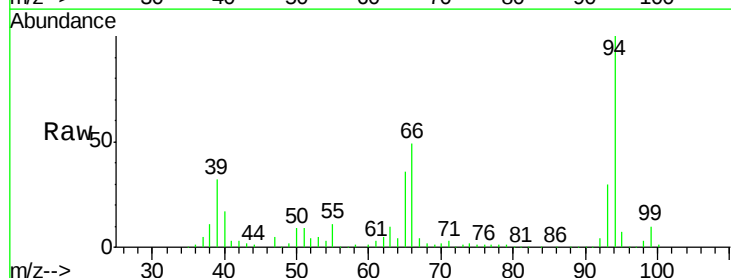
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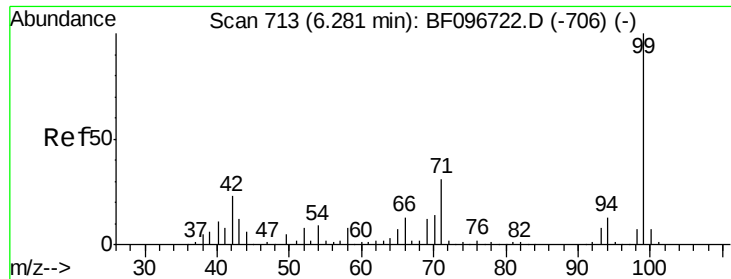
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#6
Aniline
Concen: 21.420 ng
RT: 6.30 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	164.7	32.9	49.3#
65	120.8	16.0	24.0#





#7

Phenol-d6

Concen: 133.733 ng

RT: 6.29 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

ClientSampled :

E2-05-ESWMS

Tgt Ion: 99 Resp: 1206370

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

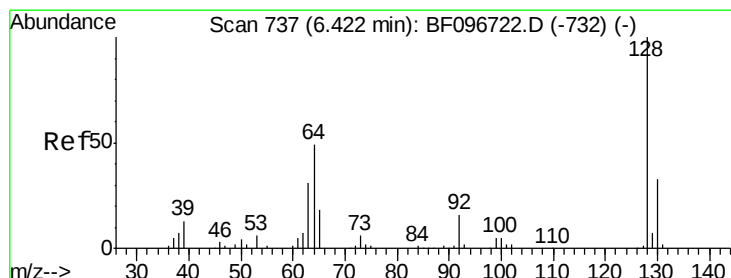
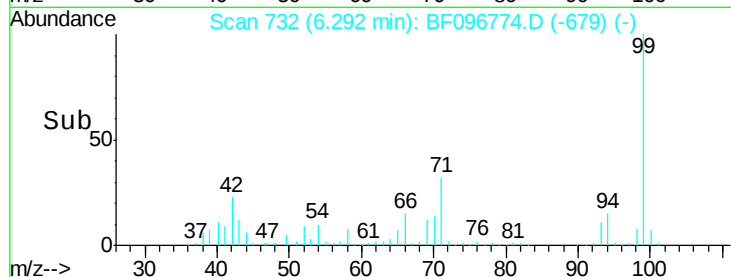
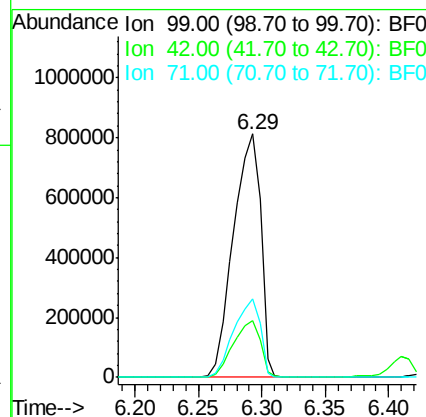
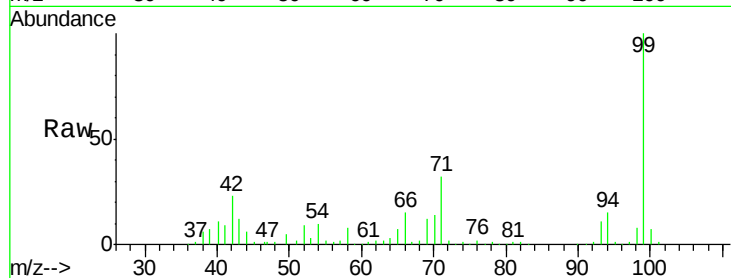
71 32.3 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.922 ng

RT: 6.43 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

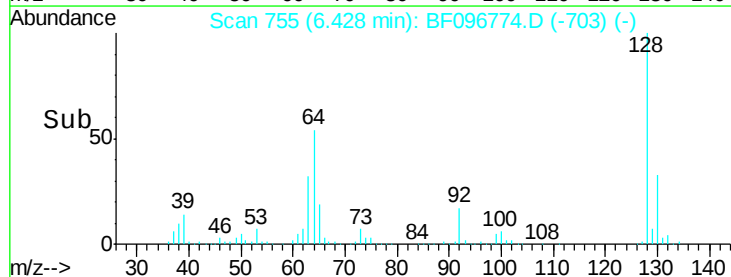
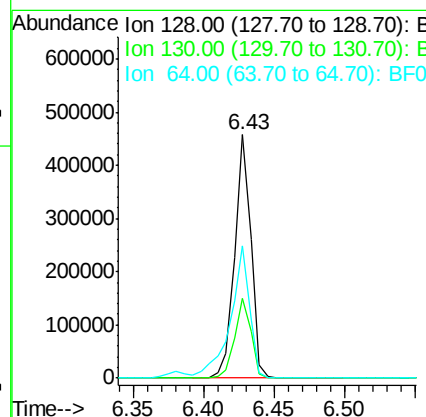
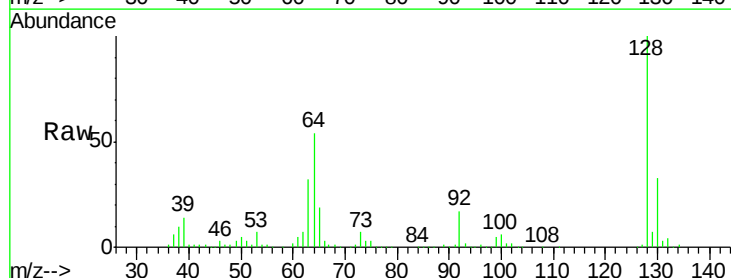
Tgt Ion: 128 Resp: 364297

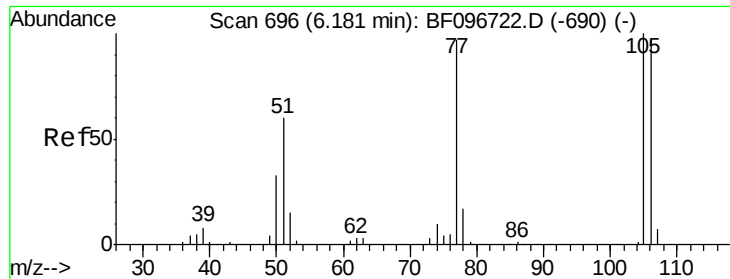
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 54.2 28.4 68.4





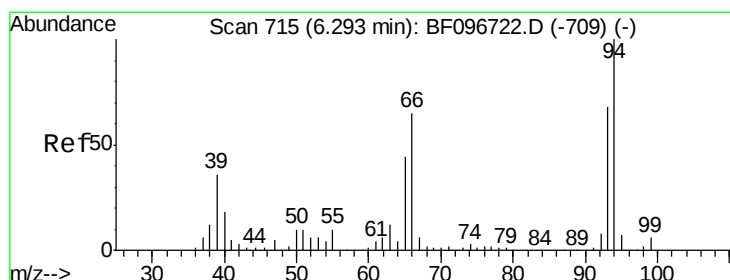
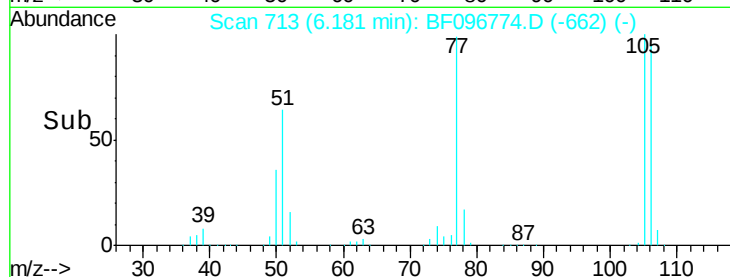
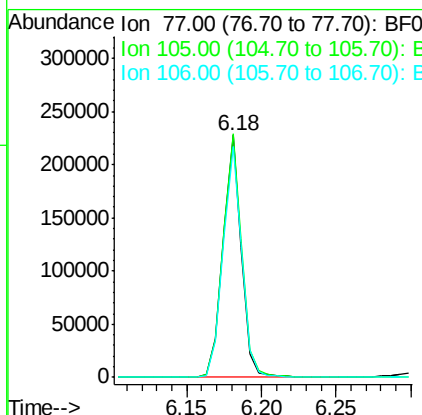
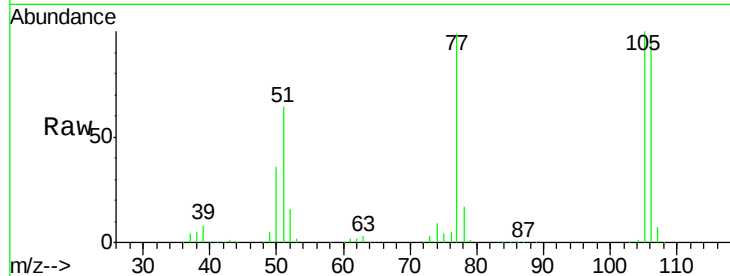
#9
Benzaldehyde
Concen: 38.222 ng
RT: 6.18 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF096774.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	100.6	83.8	123.8
106	95.5	79.1	119.1

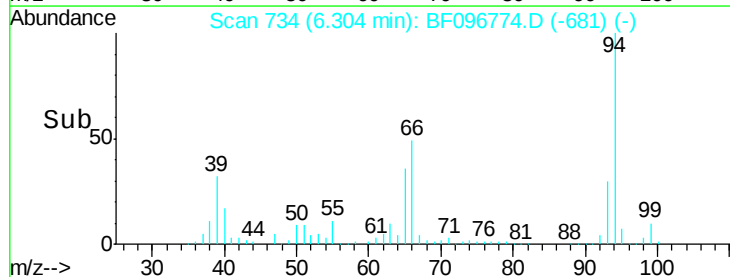
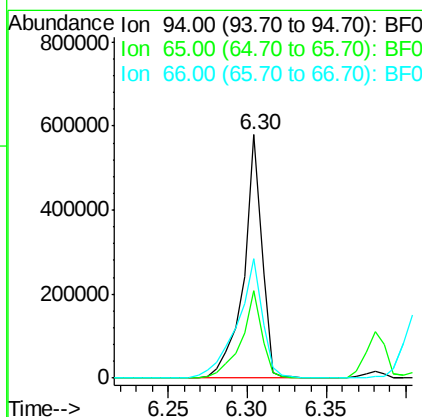
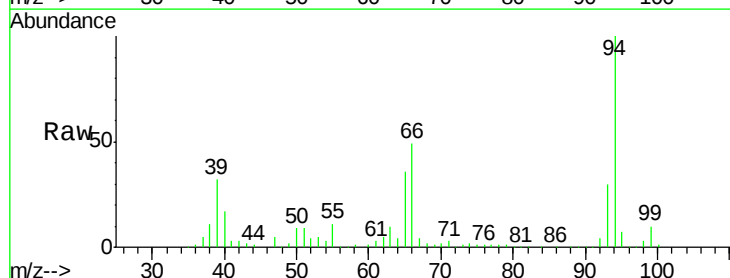
Manual Integrations
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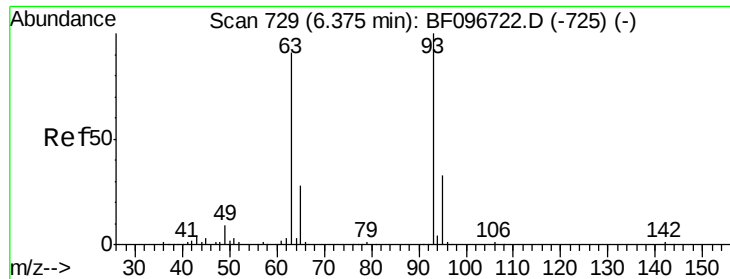
mohammad
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#10
Phenol
Concen: 45.082 ng
RT: 6.30 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.8	9.9	49.9
66	48.8	23.1	63.1





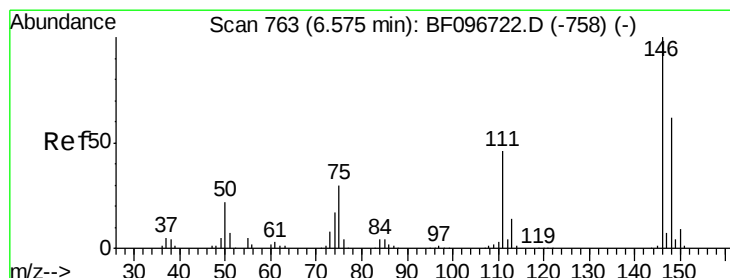
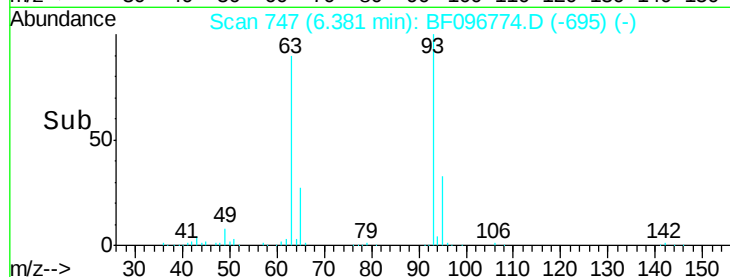
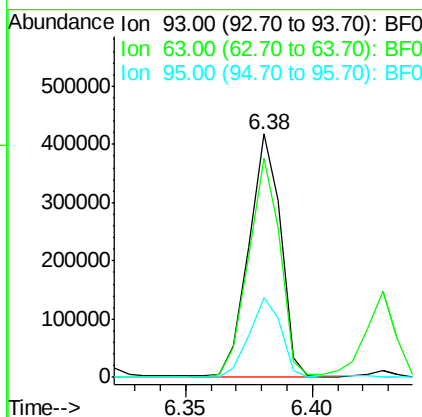
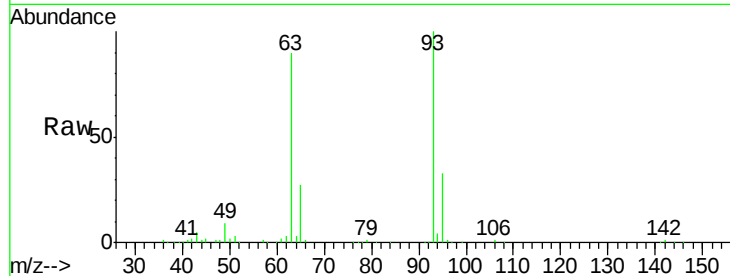
#11
bis(2-Chloroethyl)ether
Concen: 47.455 ng
RT: 6.38 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	363910		
63	90.3	59.2	99.2	
95	32.6	12.8	52.8	

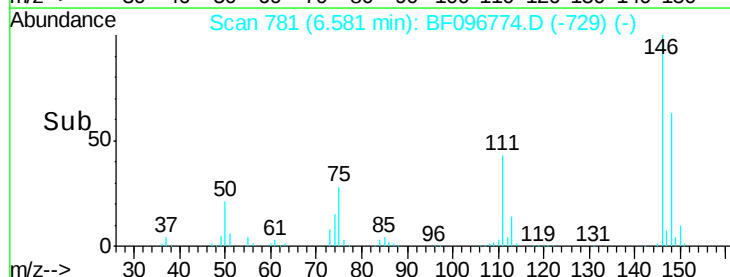
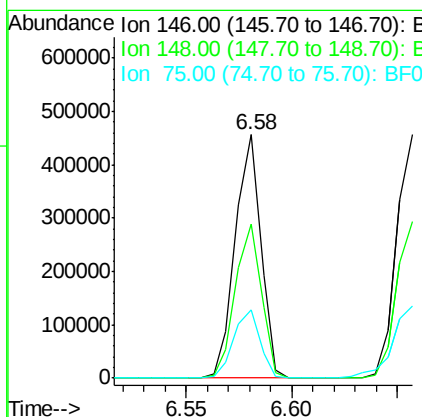
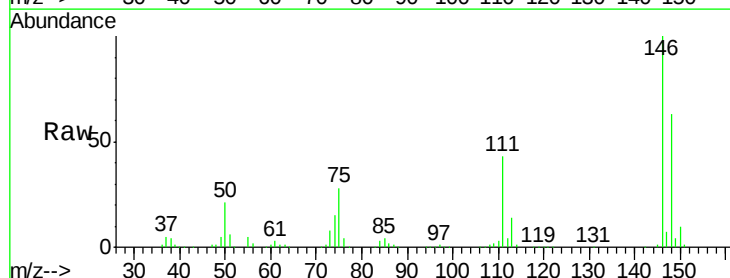
Manual Integrations
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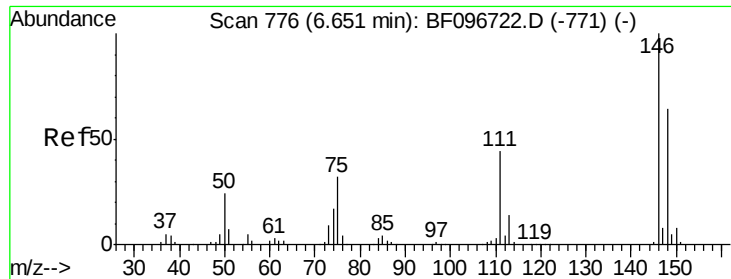
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#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 6.58 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	385082		
148	63.3	51.8	77.6	
75	27.8	23.1	34.7	





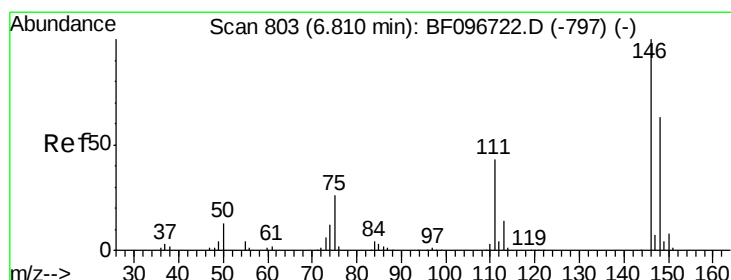
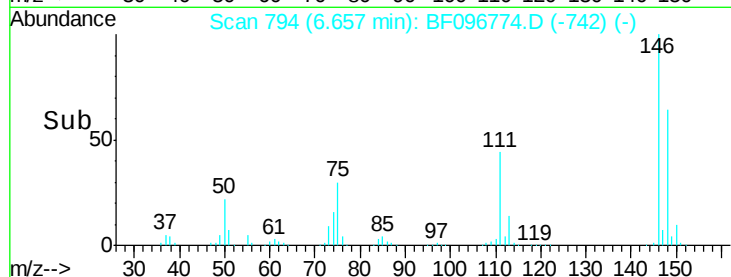
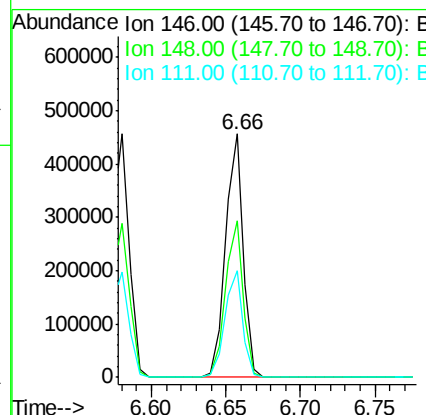
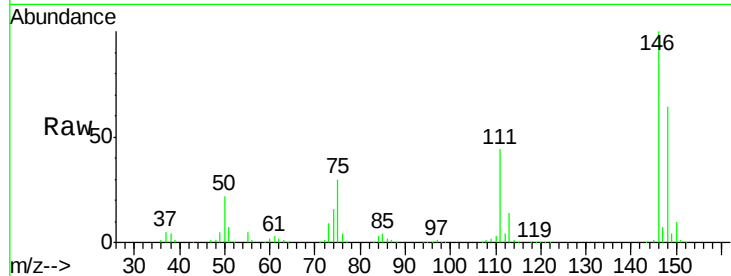
#13
 1,4-Dichlorobenzene
 Concen: 43.848 ng
 RT: 6.66 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	43.8	30.3	45.5

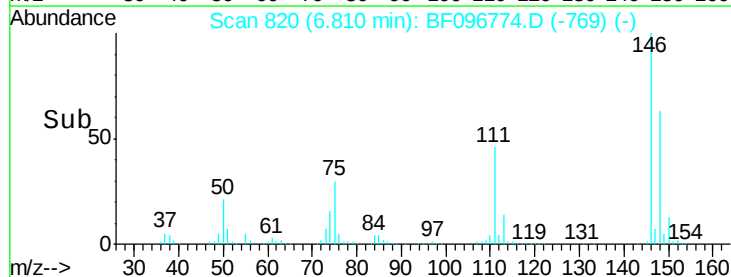
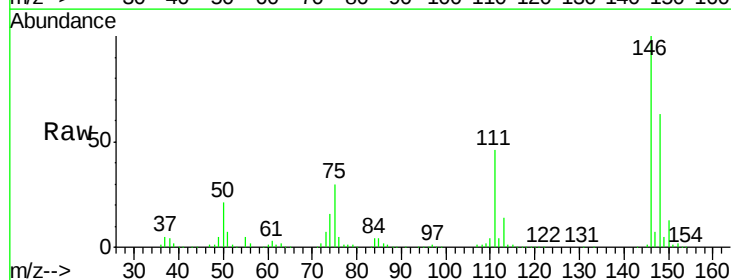
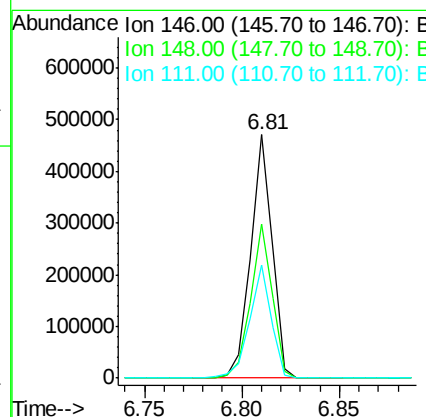
Manual Integrations
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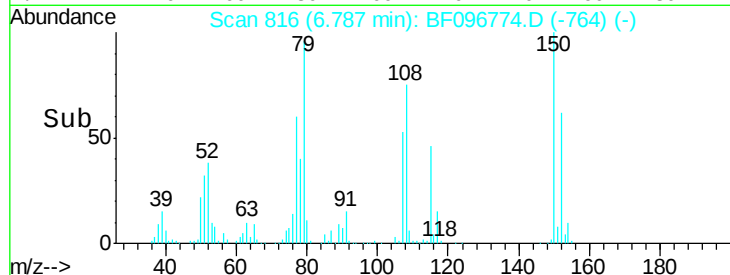
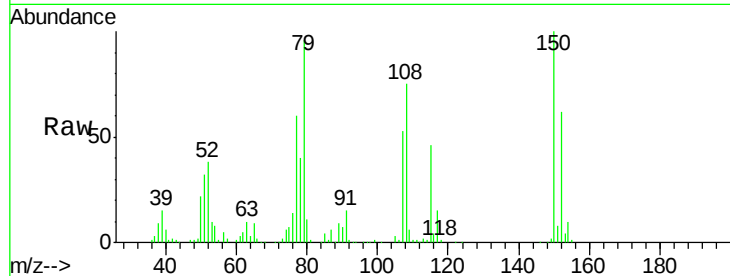
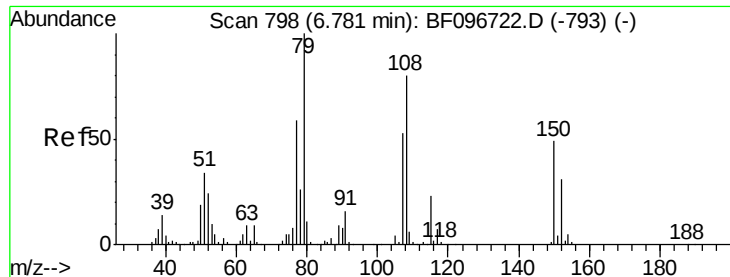
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#14
 1,2-Dichlorobenzene
 Concen: 45.251 ng
 RT: 6.81 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	46.4	38.2	57.4





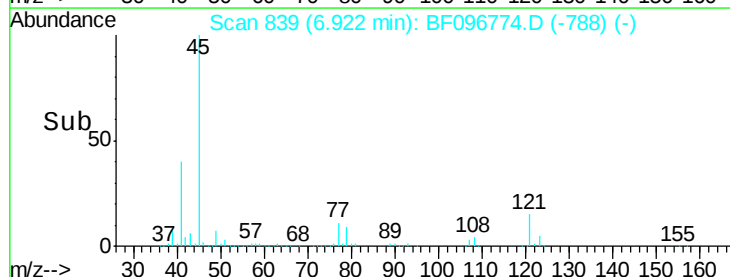
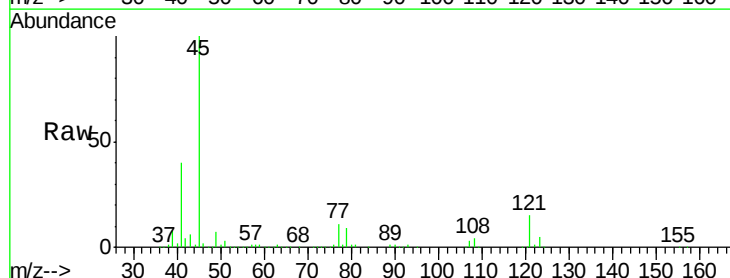
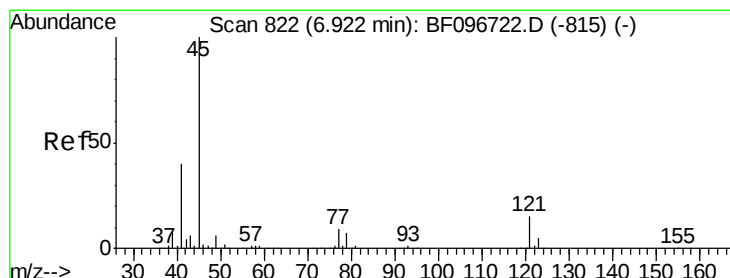
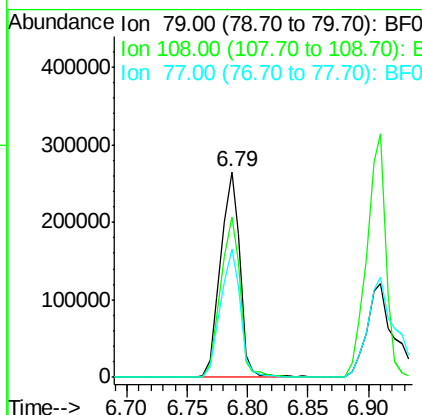
#15
Benzyl Alcohol
Concen: 49.828 ng
RT: 6.79 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	294275		
108	78.2	63.4	95.0	
77	62.2	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

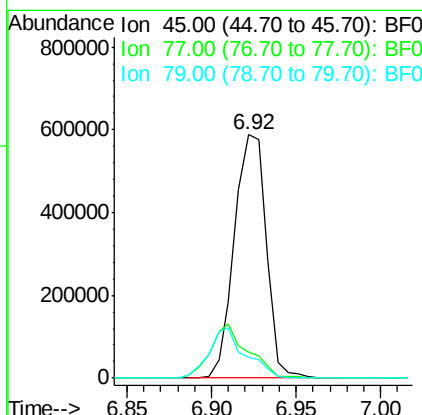
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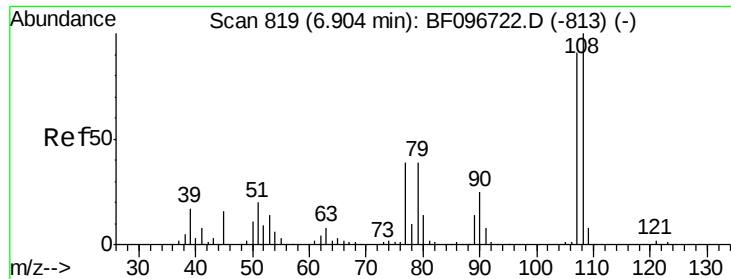
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.980 ng
RT: 6.92 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	775155		
77	10.8	0.0	33.2	
79	8.6	0.0	30.0	





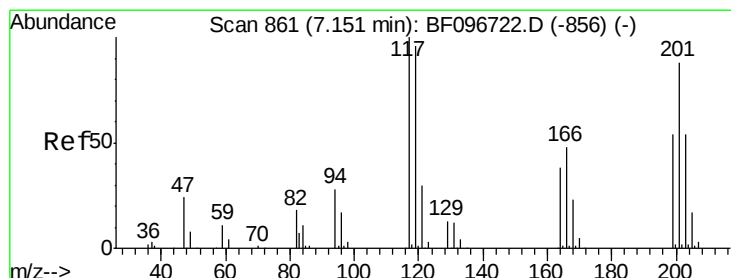
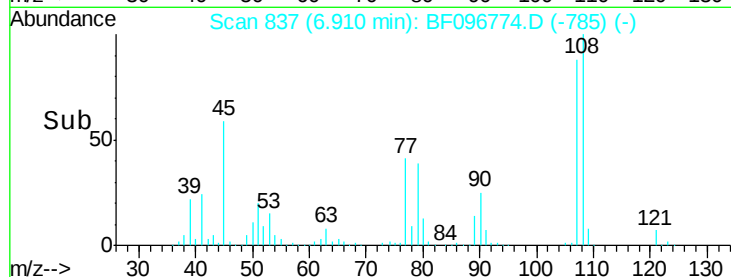
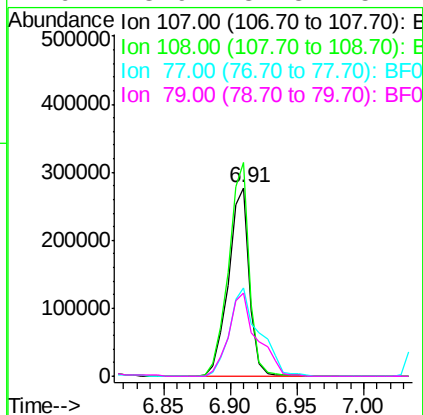
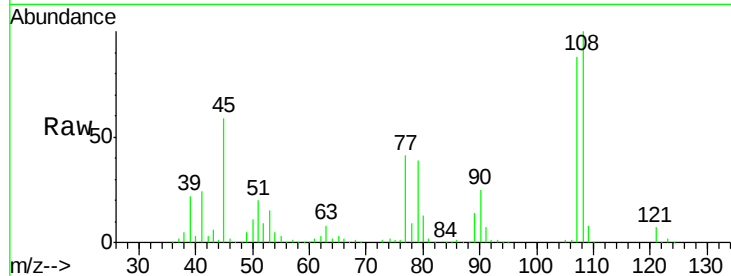
#17
2-Methylphenol
Concen: 48.950 ng
RT: 6.91 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion:	107	Resp:	308686
Ion Ratio	Lower	Upper	
107	100		
108	113.2	93.4	140.0
77	46.8	35.8	53.6
79	43.9	34.8	52.2

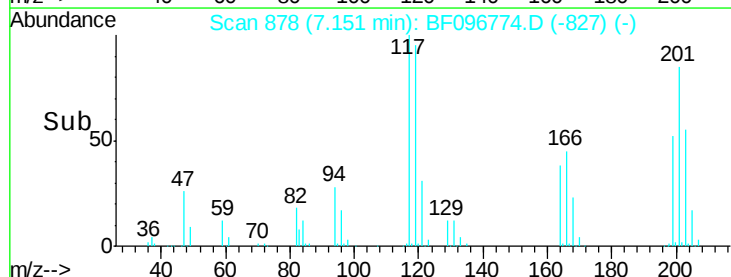
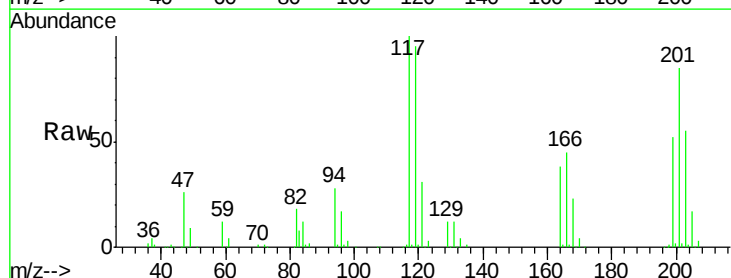
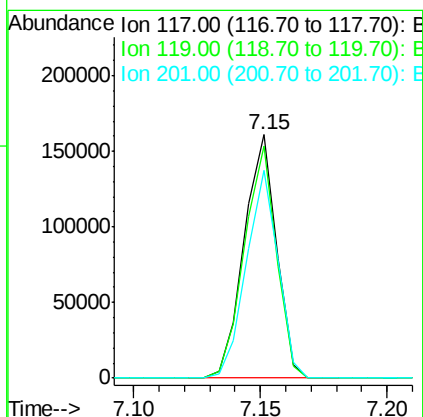
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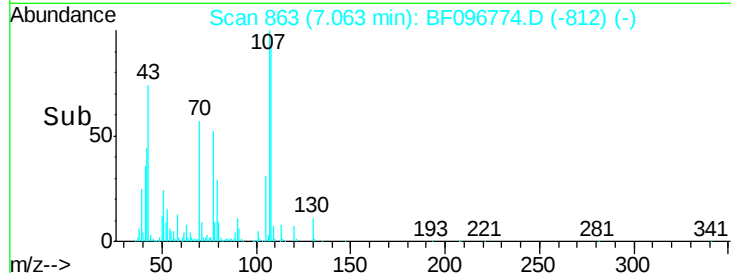
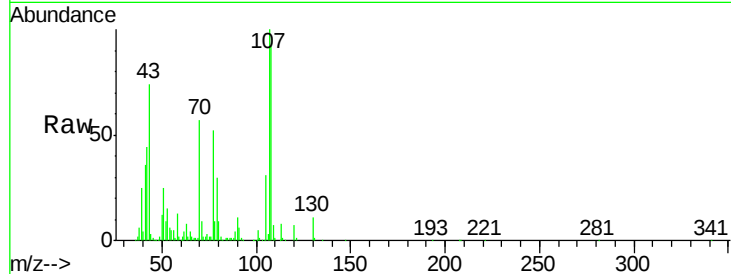
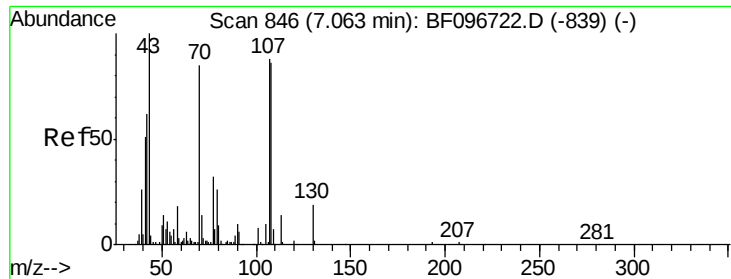
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#18
Hexachloroethane
Concen: 46.144 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion:	117	Resp:	142837
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.4	116.0
201	85.3	94.6	141.8#





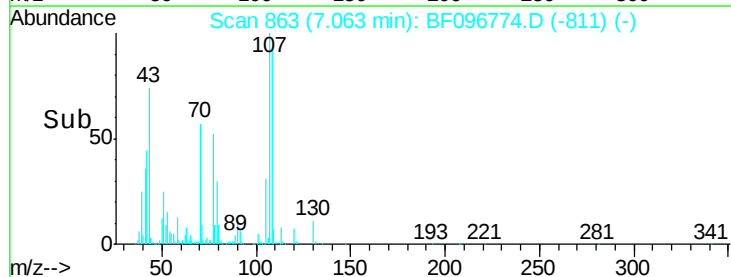
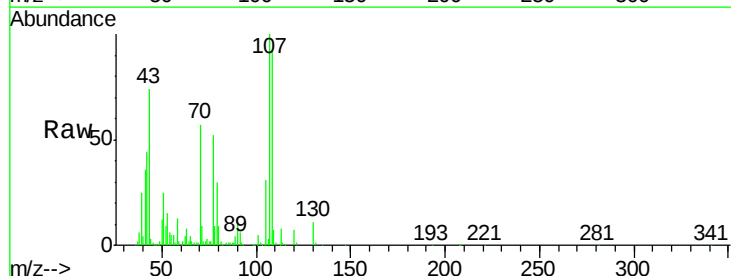
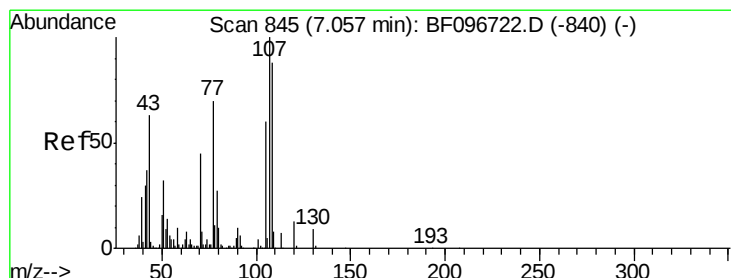
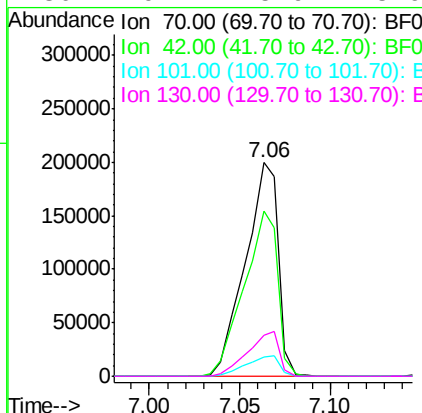
#19
n-Nitroso-di-n-propylamine
Concen: 46.469 ng
RT: 7.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Manual Integrations
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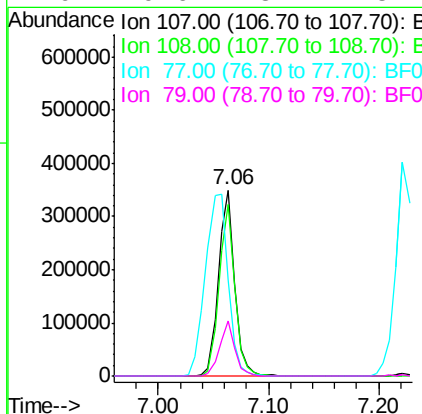
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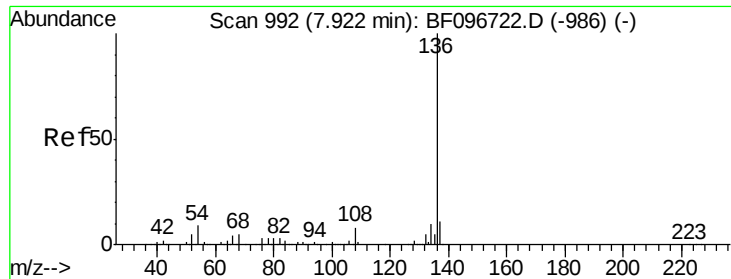
Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.2	47.2	70.8#
101	9.0	7.2	10.8
130	19.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.493 ng
RT: 7.06 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	71.0	111.0
77	52.0	90.5	130.5#
79	29.6	8.4	48.4





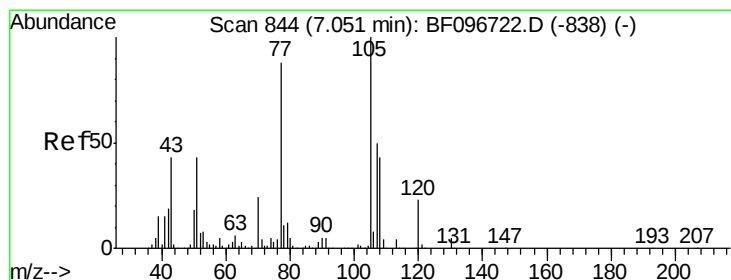
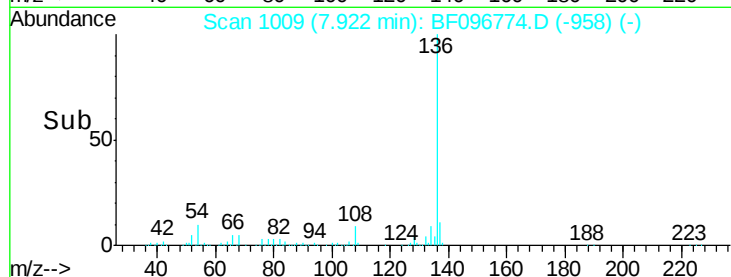
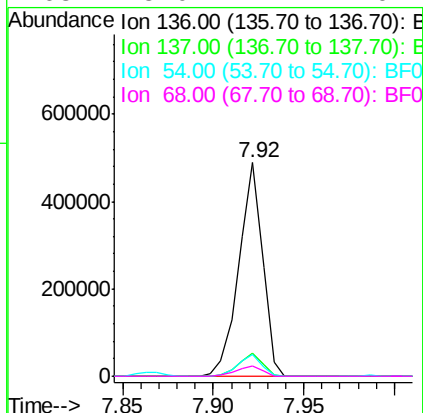
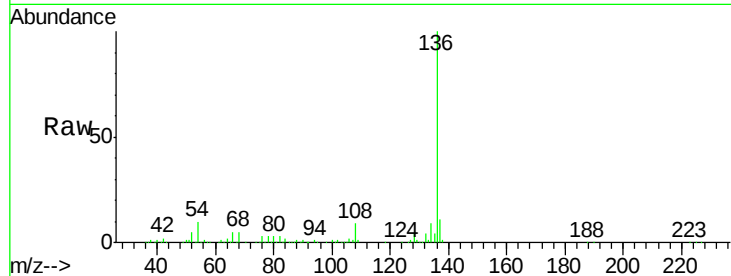
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	445407		
137	10.5	8.5	12.7	
54	10.0	4.9	7.3	
68	5.0	4.1	6.1	

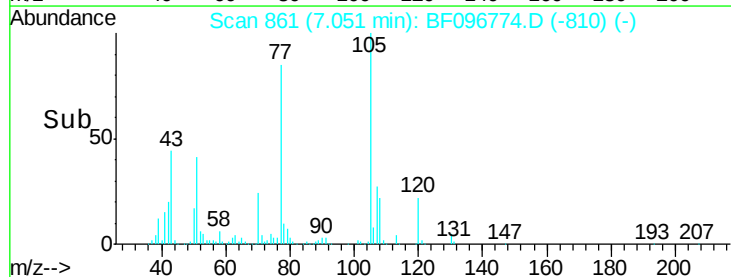
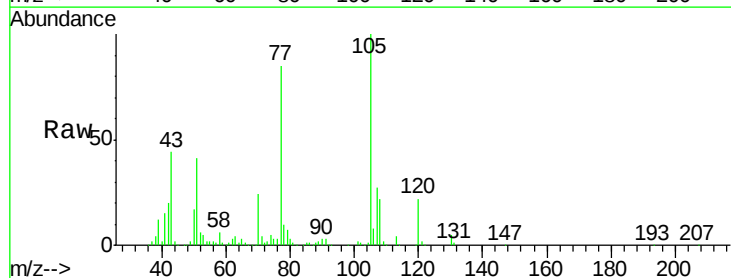
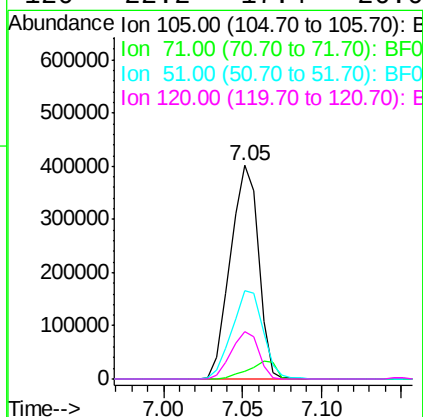
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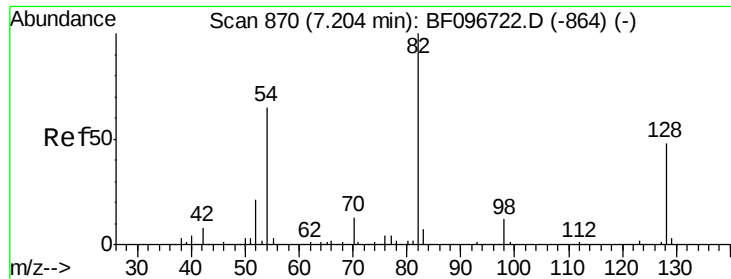
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#22
Acetophenone
Concen: 49.464 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	492412		
71	3.9	2.8	4.2	
51	41.2	30.7	46.1	
120	22.2	17.4	26.0	





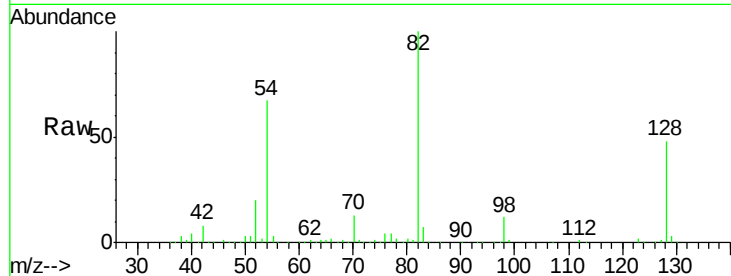
#23
 Nitrobenzene-d5
 Concen: 99.801 ng
 RT: 7.20 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

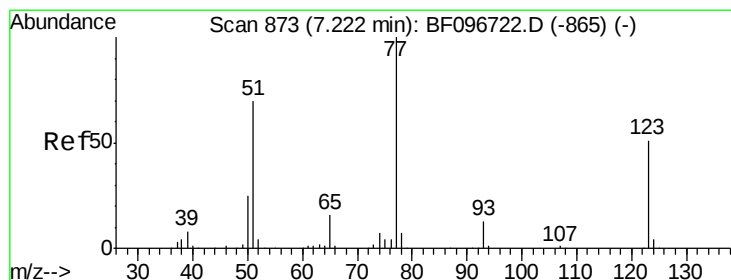
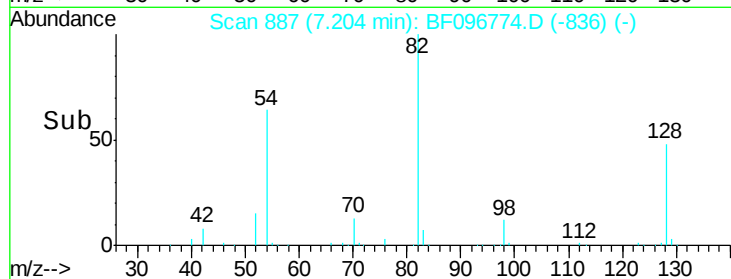
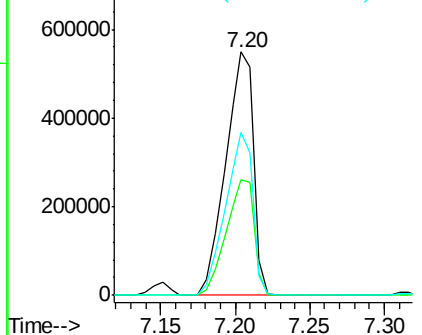
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	717657		
128	47.6	34.0	51.0	
54	66.7	42.2	63.2	

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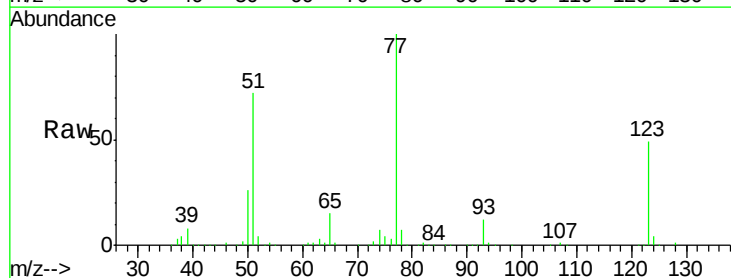


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

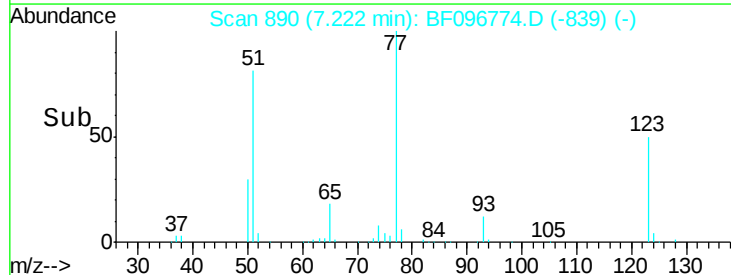
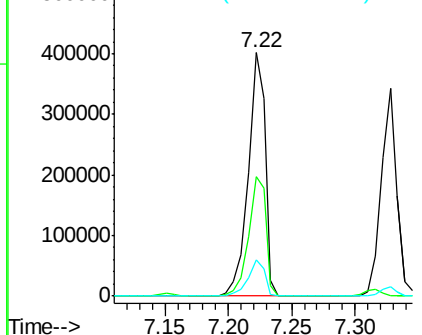


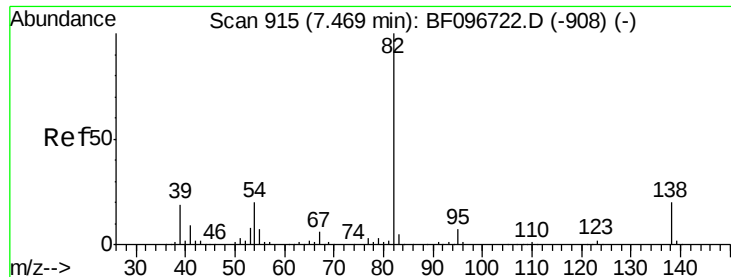
#24
 Nitrobenzene
 Concen: 50.322 ng
 RT: 7.22 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	374242		
123	49.0	35.8	53.8	
65	15.1	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 51.693 ng

RT: 7.47 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

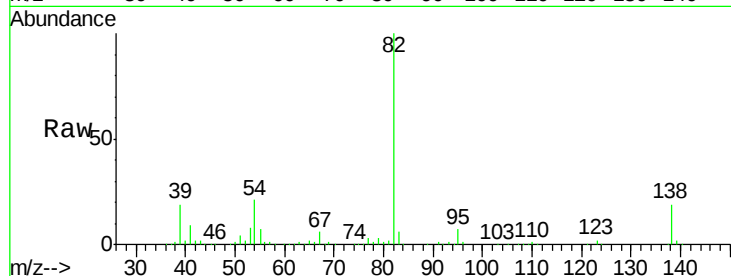
ClientSampleId :

E2-05-ESWMS

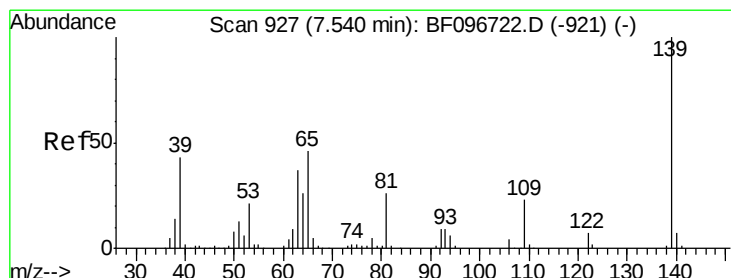
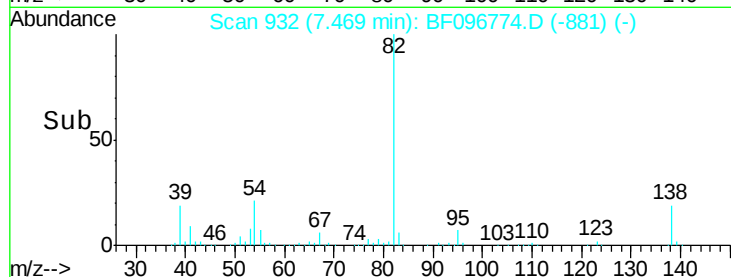
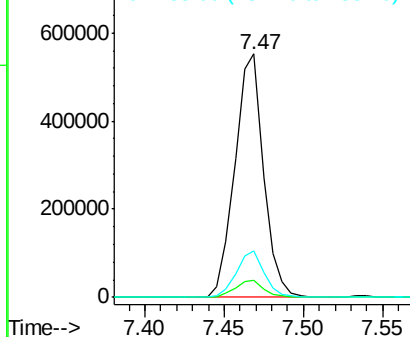
Tgt Ion:	82	Resp:	691501
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	19.2	13.1	19.7

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



#26

2-Nitrophenol

Concen: 49.054 ng

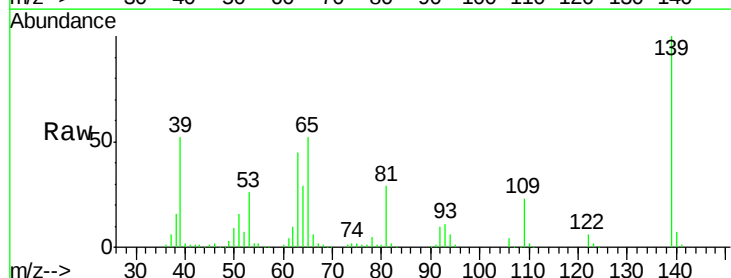
RT: 7.54 min Scan# 944

Delta R.T. -0.00 min

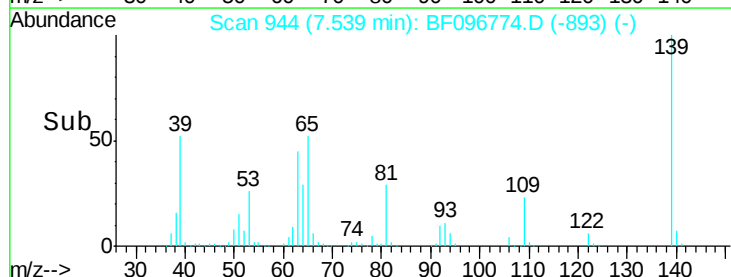
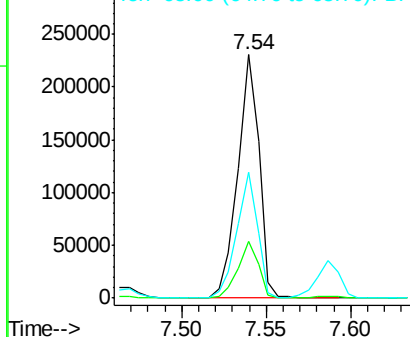
Lab File: BF096774.D

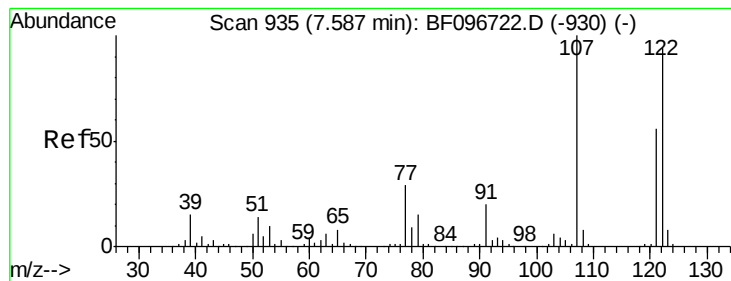
Acq: 14 Jul 2017 14:31

Tgt Ion:	139	Resp:	202851
Ion Ratio	Lower	Upper	
139	100		
109	23.4	21.0	31.6
65	51.7	33.0	49.6#



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





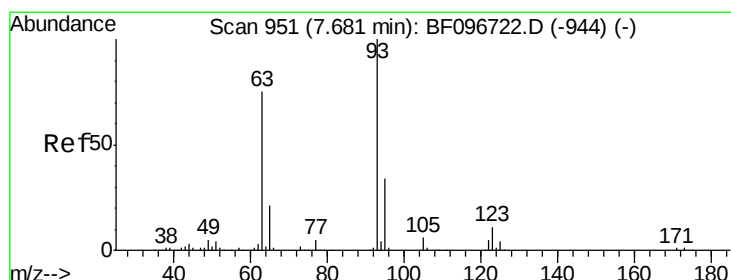
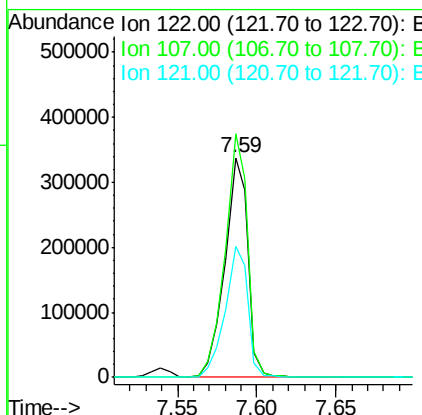
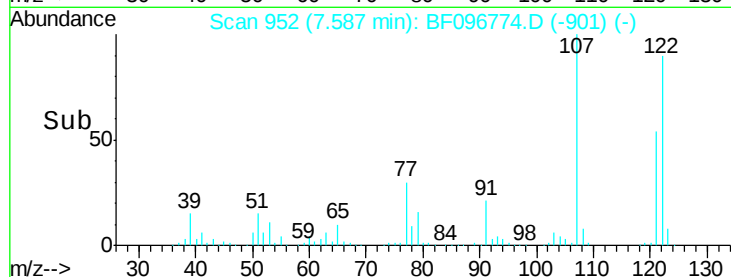
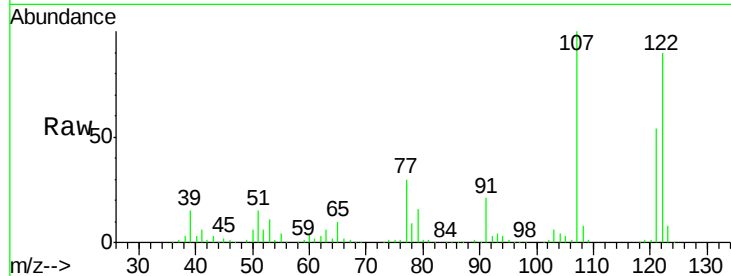
#27
 2,4-Dimethylphenol
 Concen: 50.145 ng
 RT: 7.59 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	341143		
107	110.9	89.2	133.8	
121	59.4	45.2	67.8	

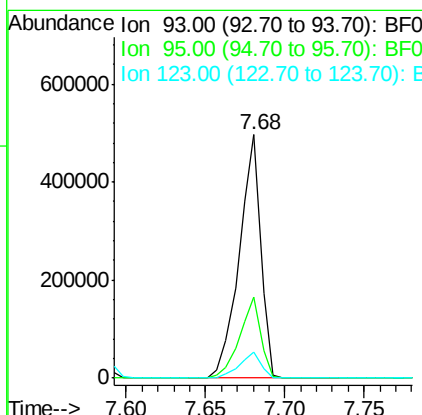
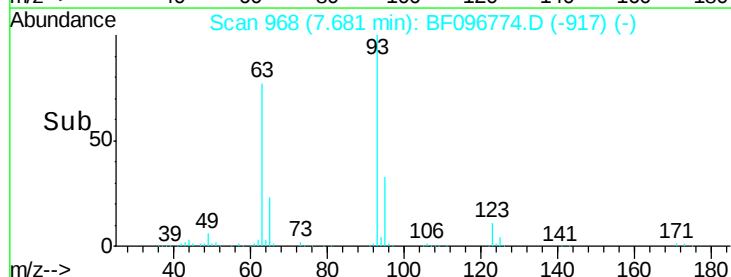
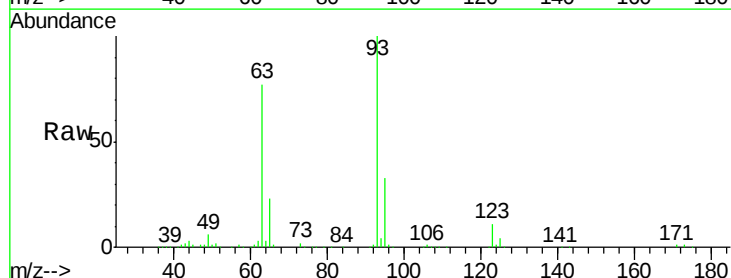
Manual Integrations
 APPROVED

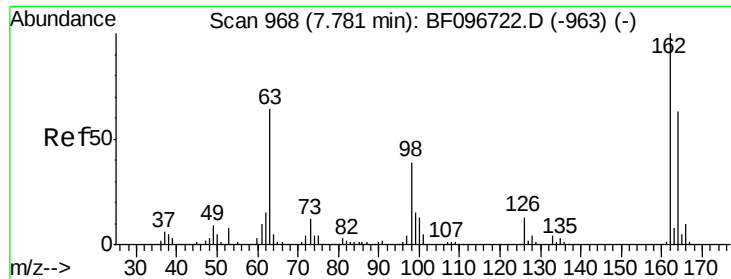
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.562 ng
 RT: 7.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	466087		
95	33.1	26.5	39.7	
123	10.5	9.0	13.4	





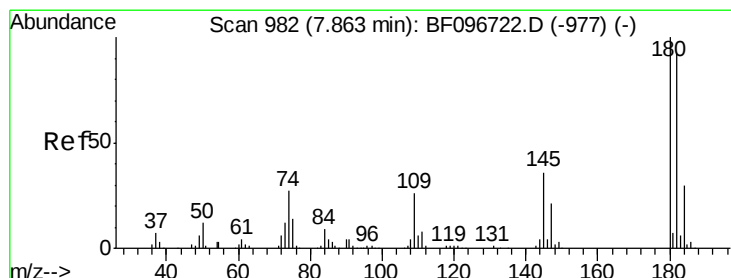
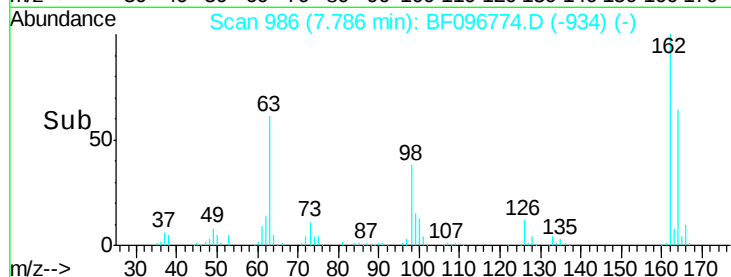
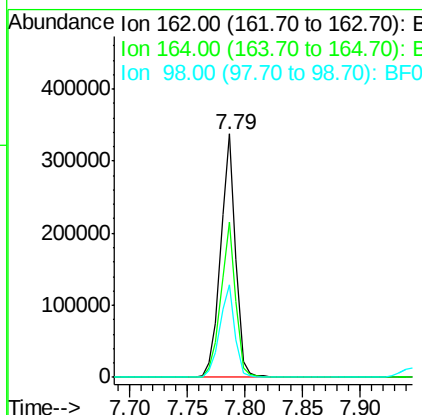
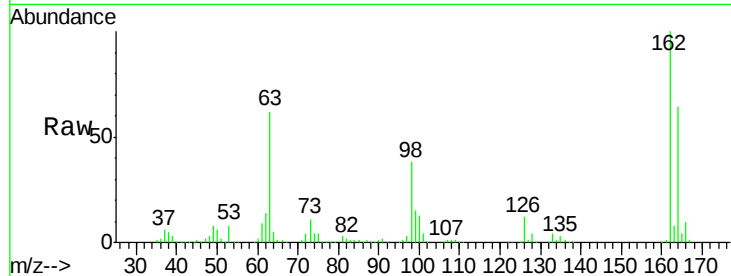
#29
2,4-Dichlorophenol
Concen: 49.502 ng
RT: 7.79 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	304835		
164	64.0		44.6	84.6
98	37.8		14.8	54.8

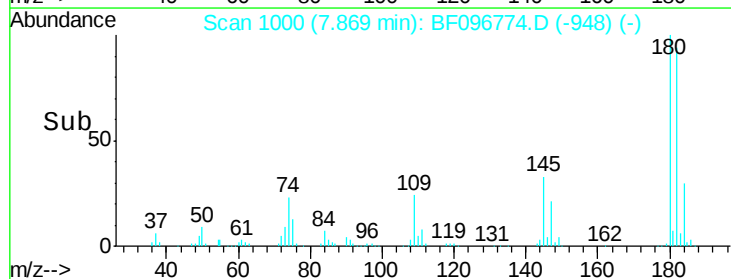
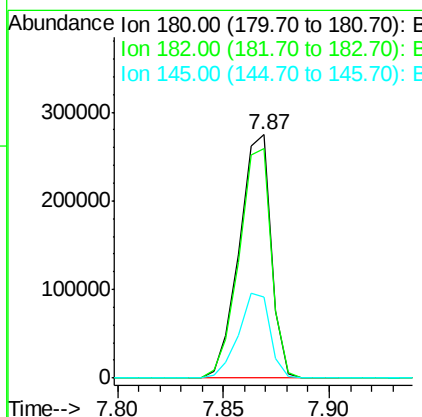
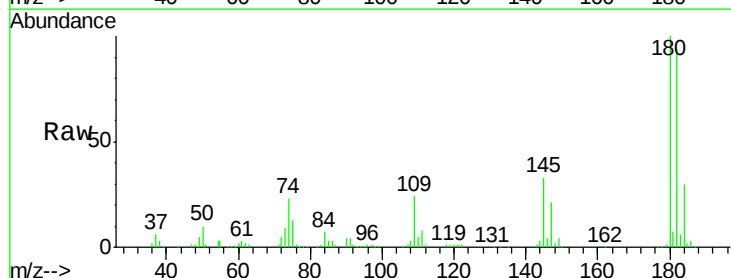
Manual Integrations
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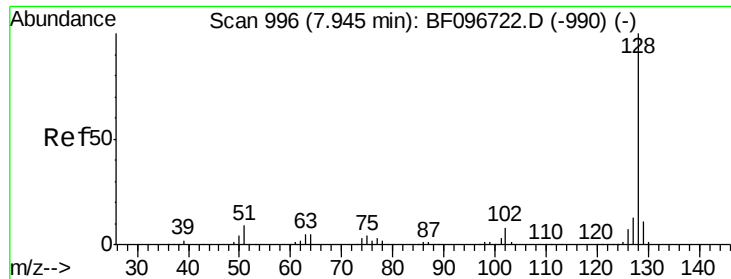
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 48.990 ng
RT: 7.87 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286840		
182	94.2		75.8	113.6
145	33.2		25.3	37.9





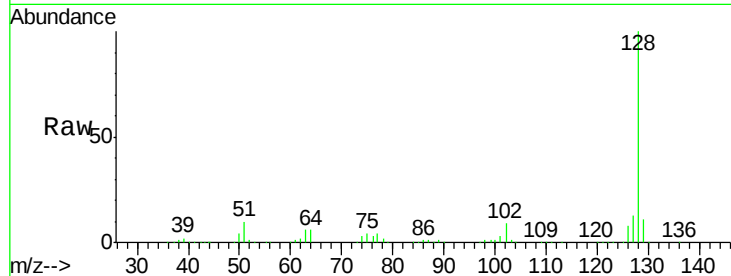
#31
Naphthalene
Concen: 49.567 ng
RT: 7.95 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampled :
E2-05-ESWMS

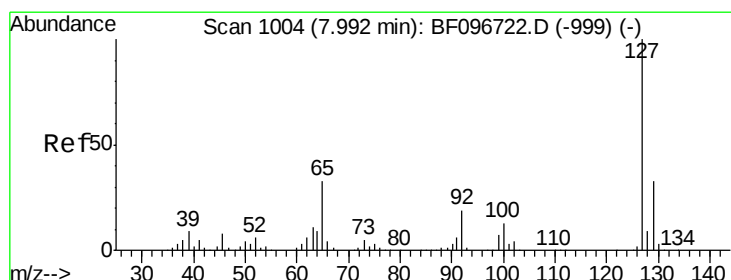
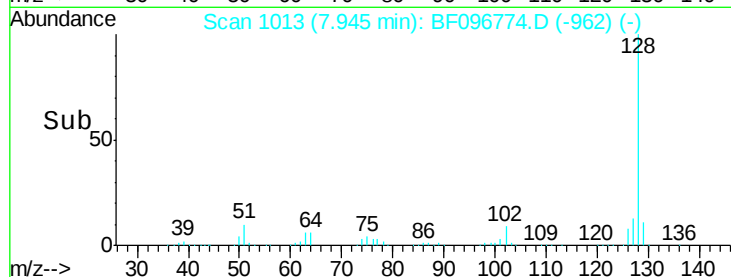
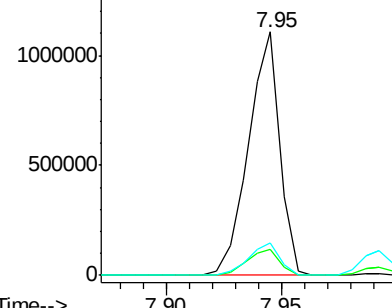
Tgt Ion:128 Resp: 1045868
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.3 10.8 16.2

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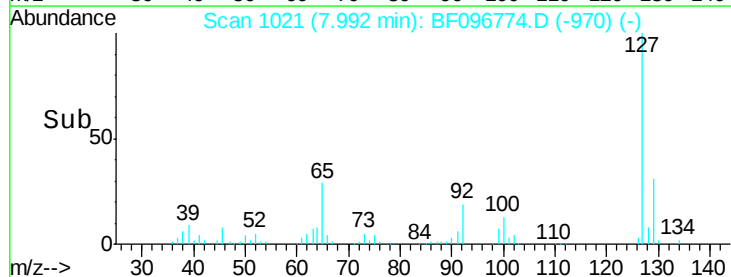
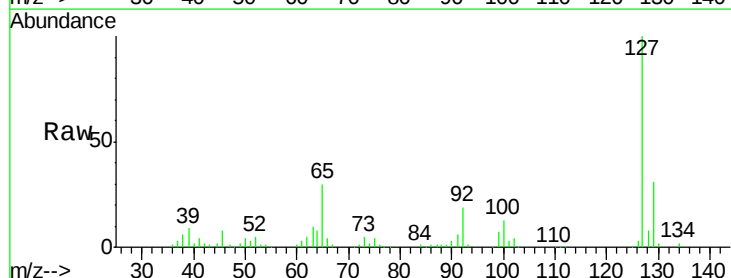
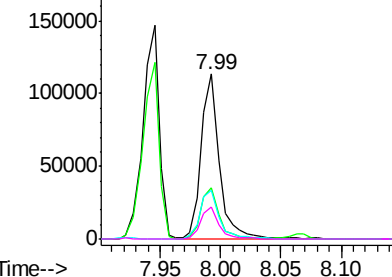
Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

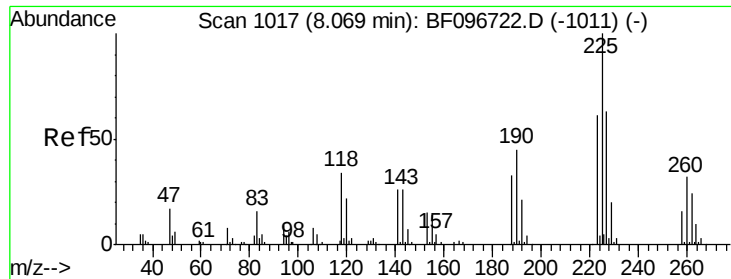


#33
4-Chloroaniline
Concen: 14.120 ng
RT: 7.99 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion:127 Resp: 118043
Ion Ratio Lower Upper
127 100
129 30.8 26.2 39.2
65 29.8 27.8 41.8
92 19.5 16.8 25.2

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





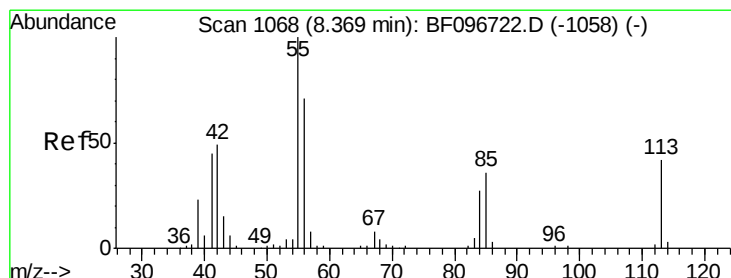
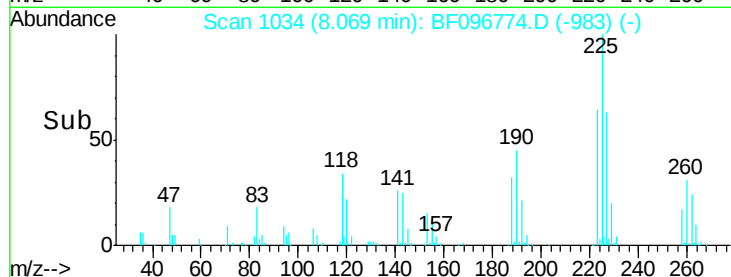
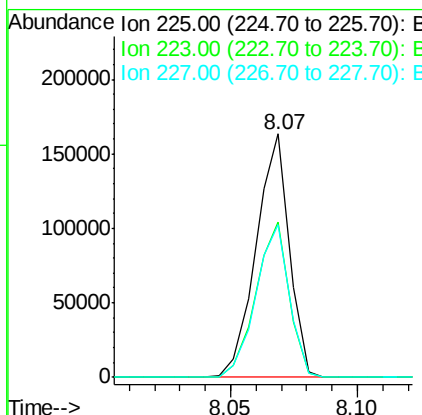
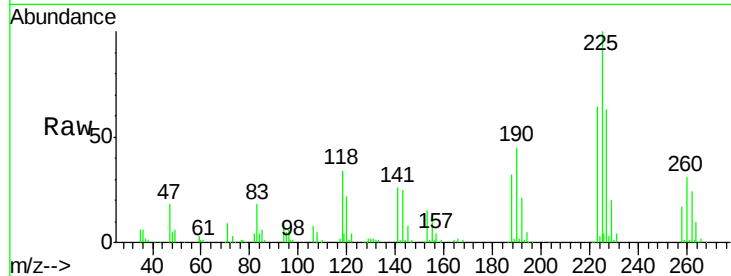
#34
Hexachlorobutadiene
Concen: 47.473 ng
RT: 8.07 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148383		
223	63.6	48.8	73.2	
227	62.7	51.1	76.7	

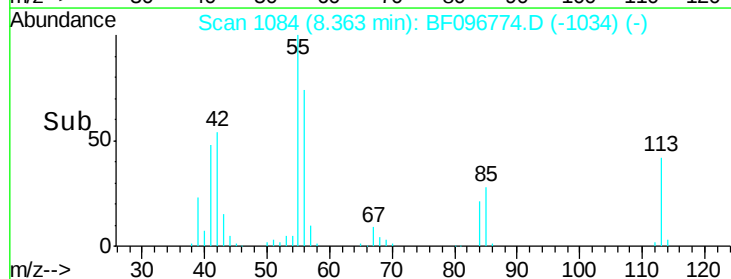
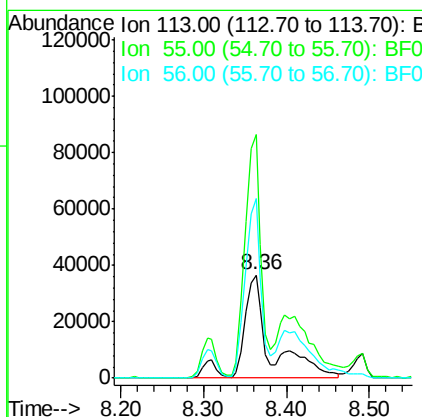
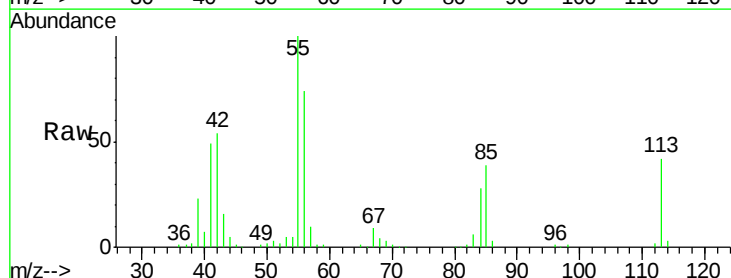
Manual Integrations
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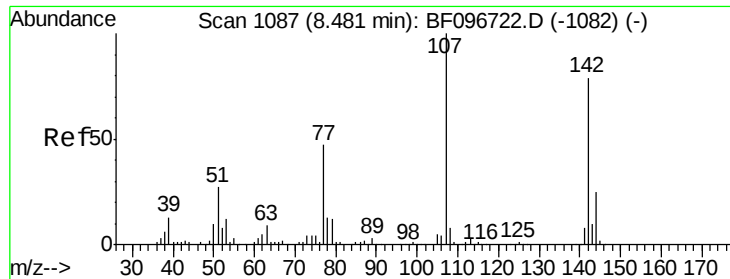
mohammad
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#35
Caprolactam
Concen: 43.193 ng m
RT: 8.36 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	85227		
55	236.1	150.2	190.2#	
56	174.1	107.8	147.8#	





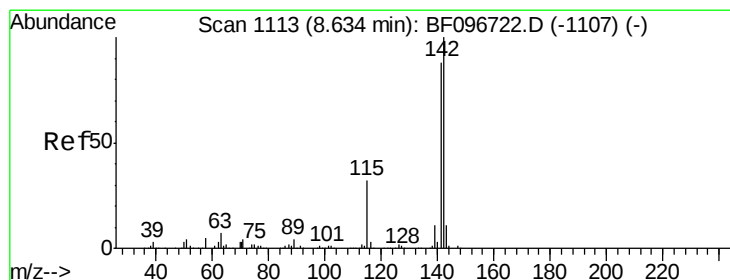
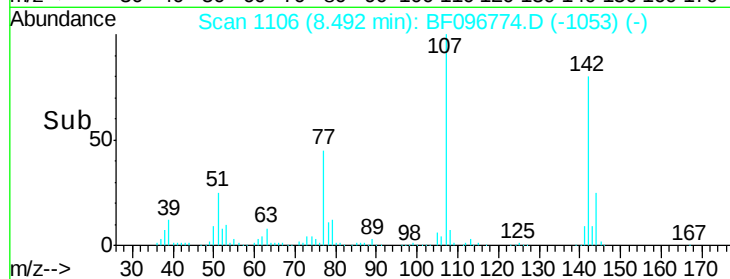
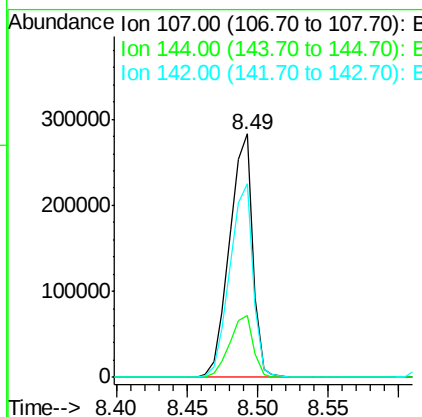
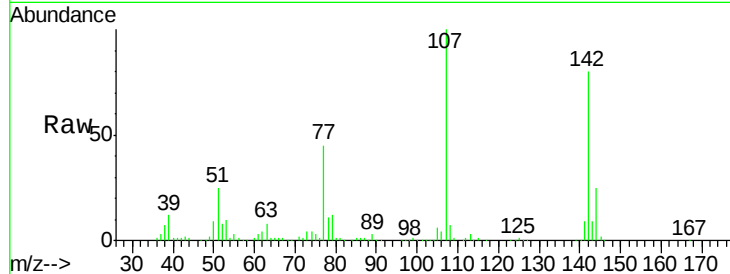
#36
4-Chloro-3-methylphenol
Concen: 48.754 ng
RT: 8.49 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	24.2	36.4
142	79.7	73.4	110.0

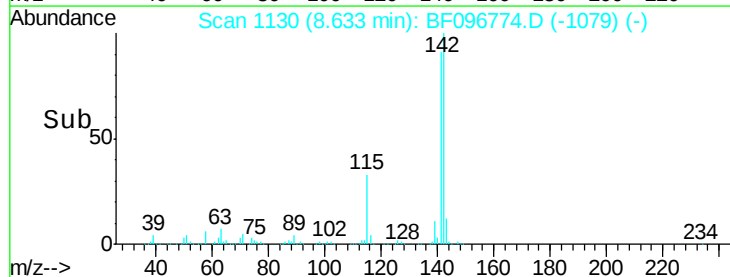
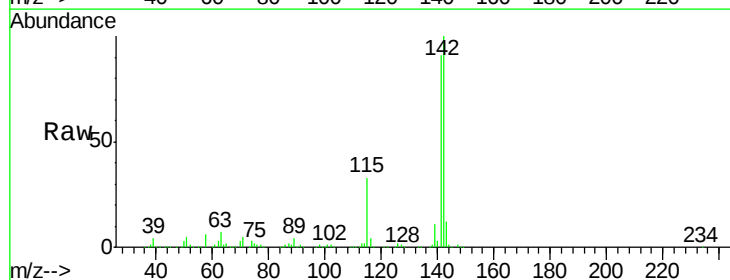
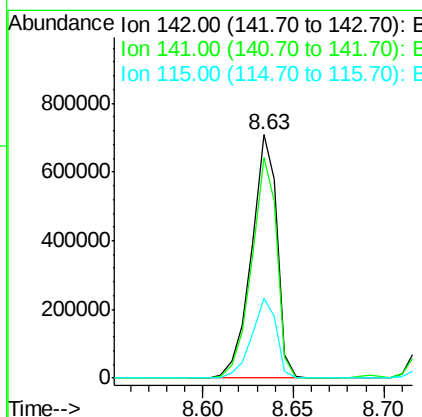
Manual Integrations
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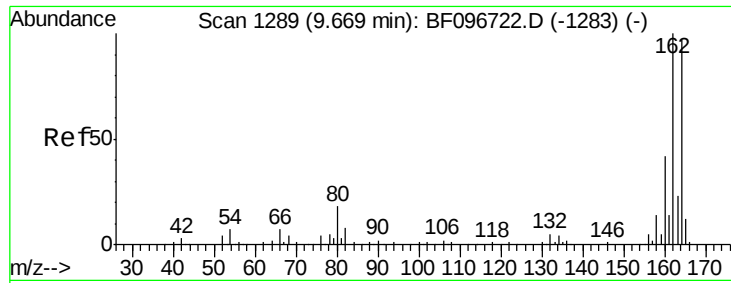
mohammad
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#37
2-Methylnaphthalene
Concen: 51.516 ng
RT: 8.63 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	32.8	27.1	40.7





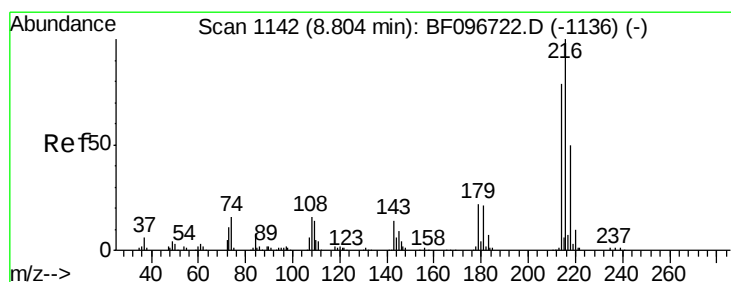
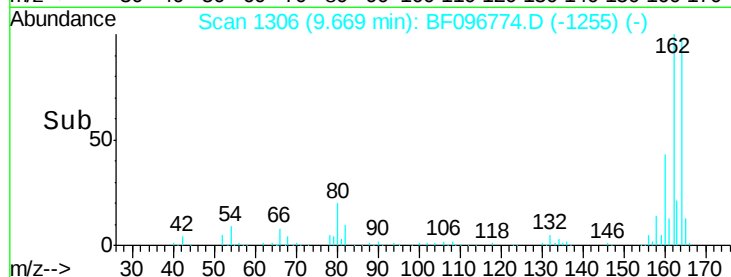
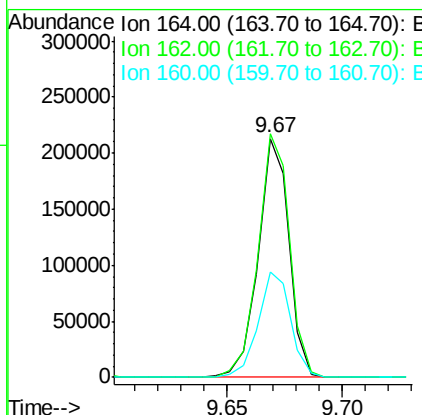
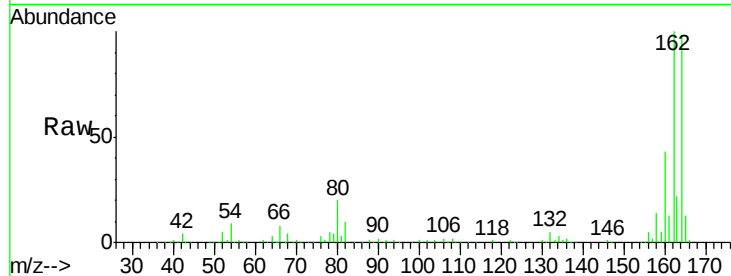
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	197730		
162	101.9	82.6	123.8	
160	44.2	36.2	54.2	

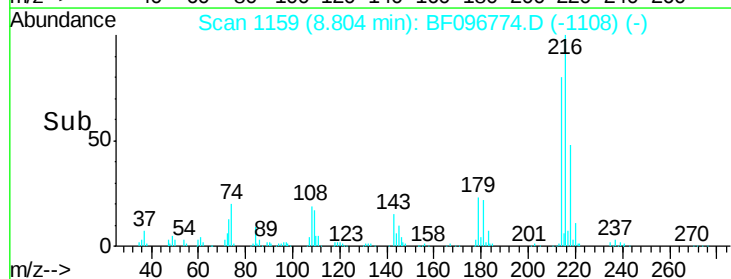
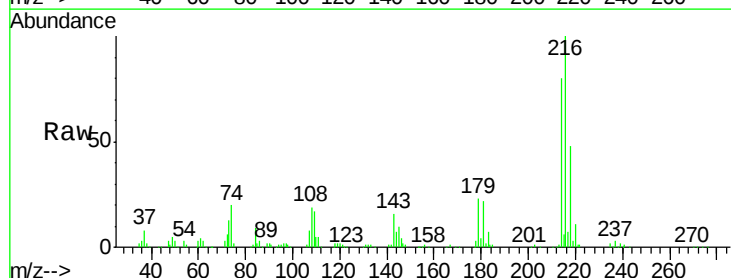
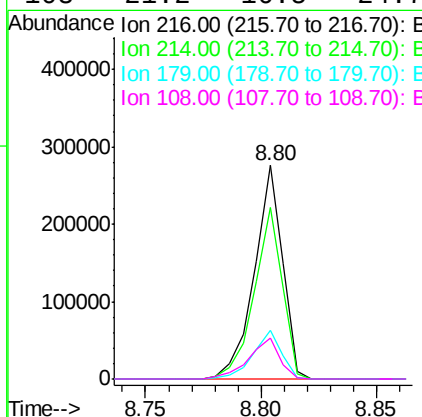
Manual Integrations
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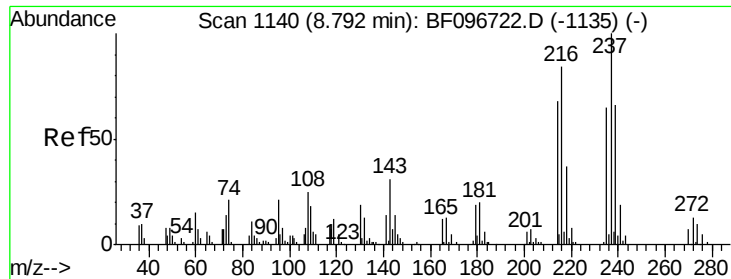
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.252 ng
 RT: 8.80 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	236530		
214	80.3	63.4	95.2	
179	22.7	17.9	26.9	
108	21.2	16.5	24.7	





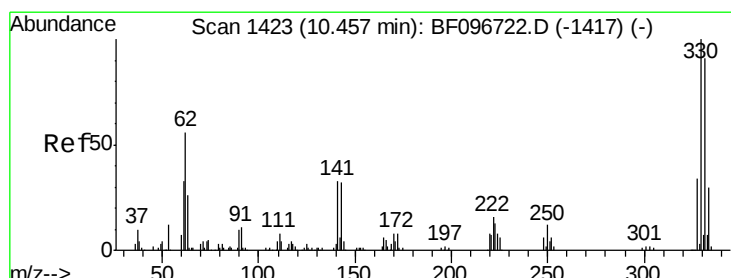
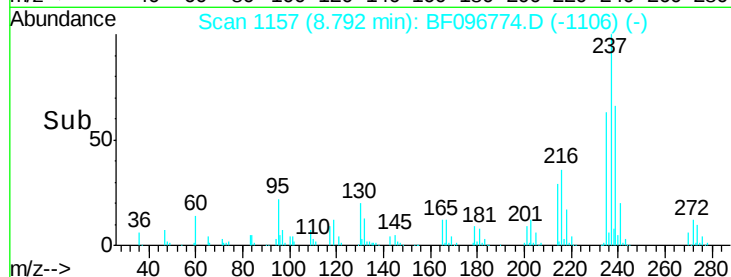
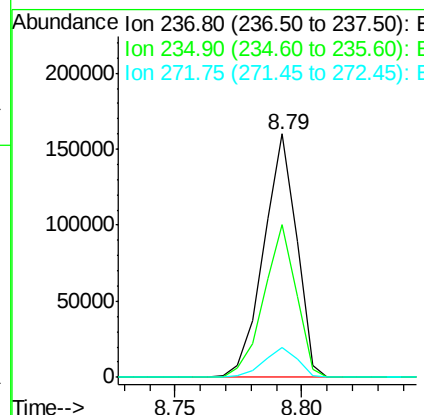
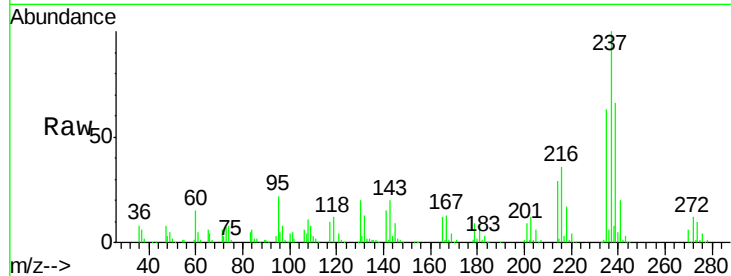
#40
Hexachlorocyclopentadiene
Concen: 72.134 ng
RT: 8.79 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.6	42.6	82.6
272	12.5	0.0	31.9

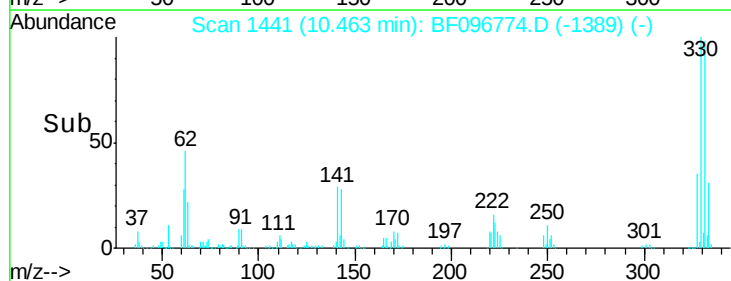
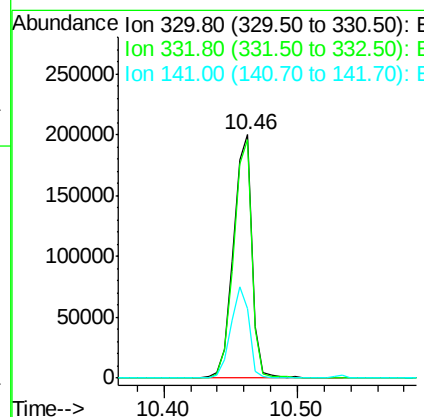
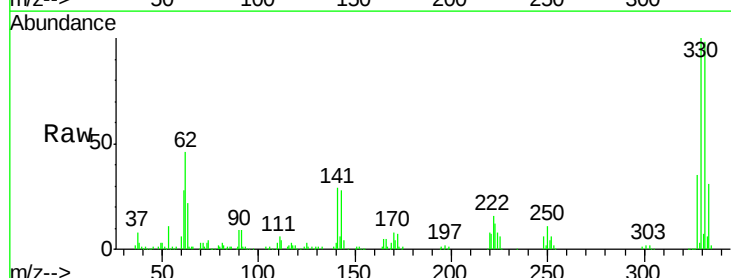
Manual Integrations
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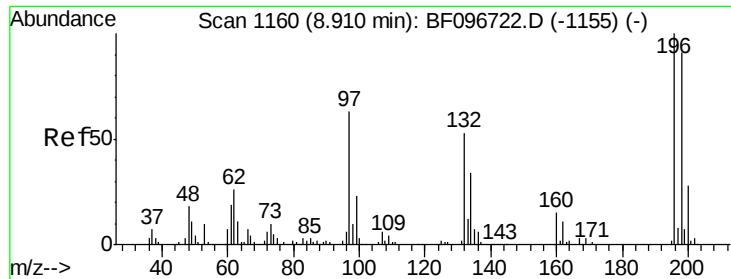
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#41
2,4,6-Tribromophenol
Concen: 116.917 ng
RT: 10.46 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	76.6	115.0
141	37.2	31.4	47.2





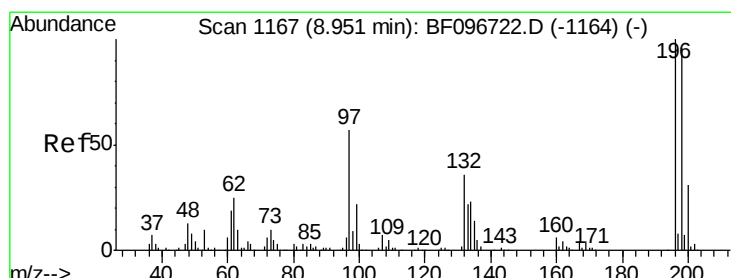
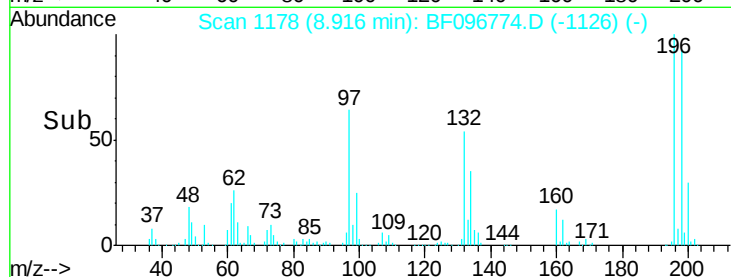
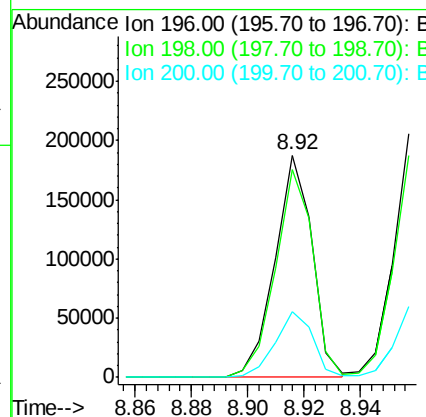
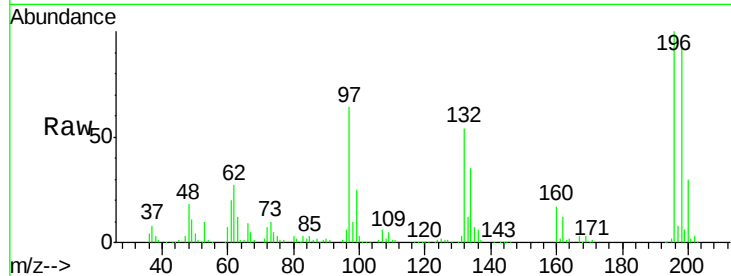
#42
 2,4,6-Trichlorophenol
 Concen: 43.508 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion:	196	Resp:	171539
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.2	111.4
200	29.6	24.0	36.0

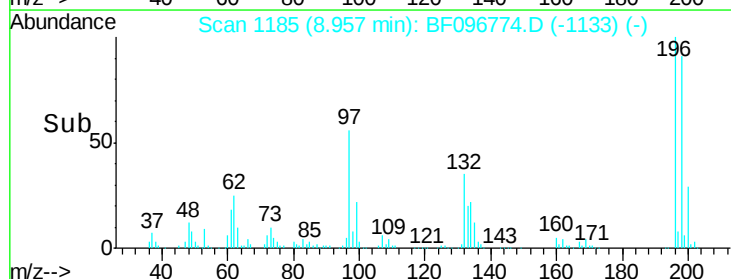
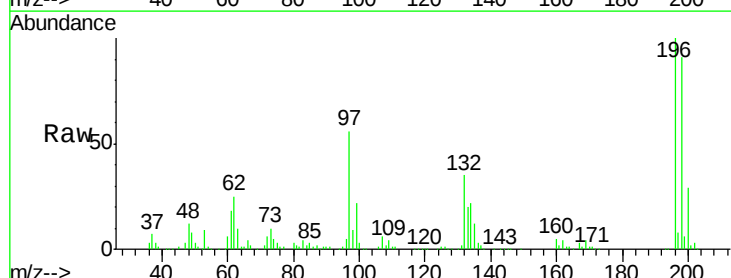
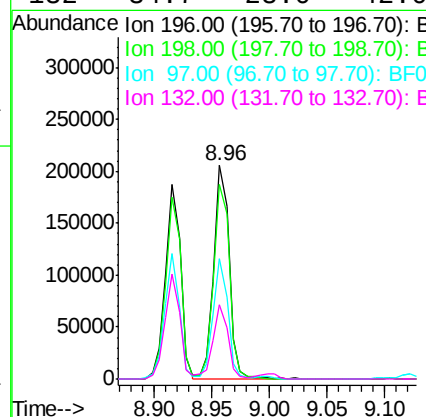
Manual Integrations
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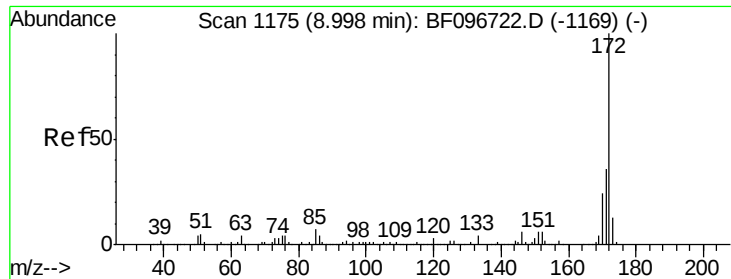
mohammad
 7/17/2017 3:56:21 PM



#43
 2,4,5-Trichlorophenol
 Concen: 48.654 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion:	196	Resp:	193468
Ion Ratio	Lower	Upper	
196	100		
198	91.0	75.7	113.5
97	56.3	47.7	71.5
132	34.7	28.0	42.0





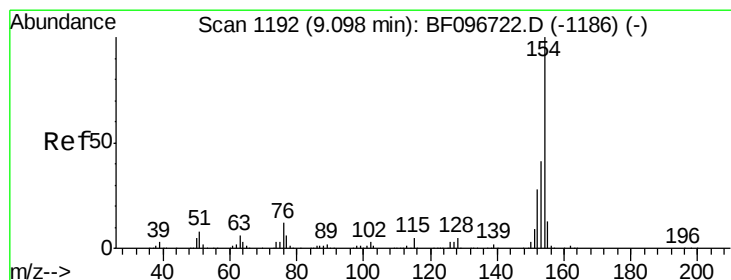
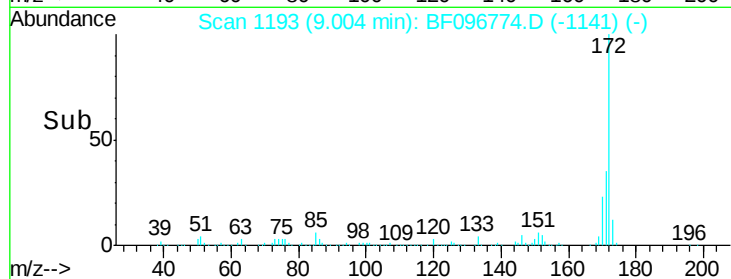
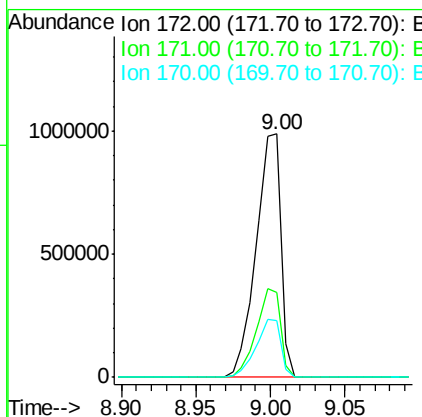
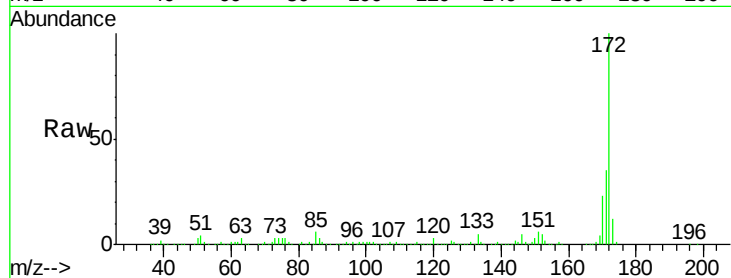
#44
2-Fluorobiphenyl
Concen: 89.808 ng
RT: 9.00 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.5	19.8	29.8

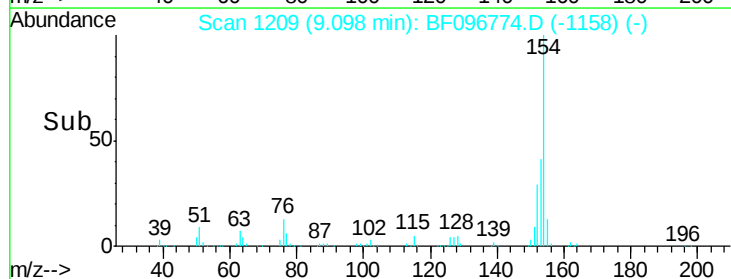
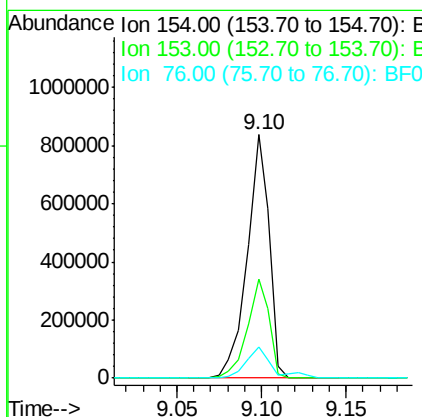
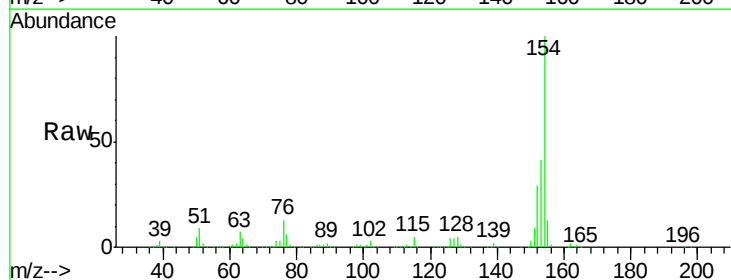
Manual Integrations
APPROVED

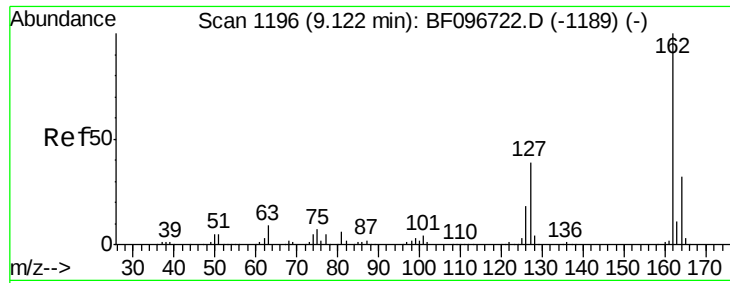
mohammad
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#45
1,1'-Biphenyl
Concen: 45.047 ng
RT: 9.10 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.0	0.0	29.9





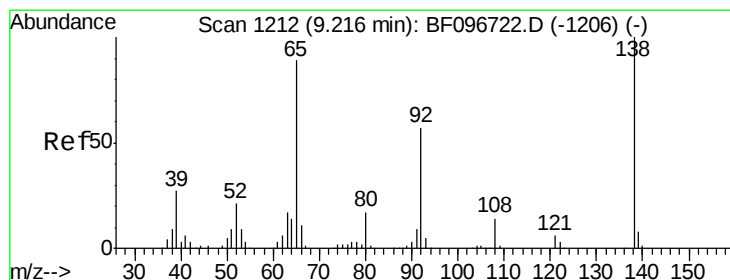
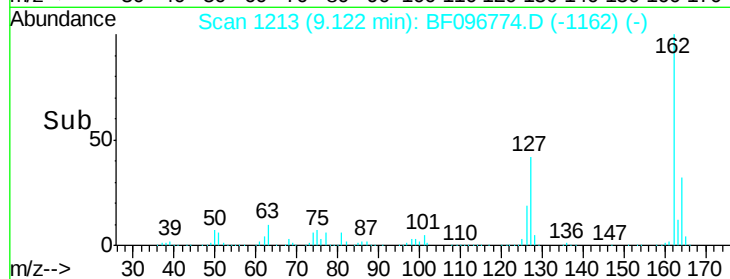
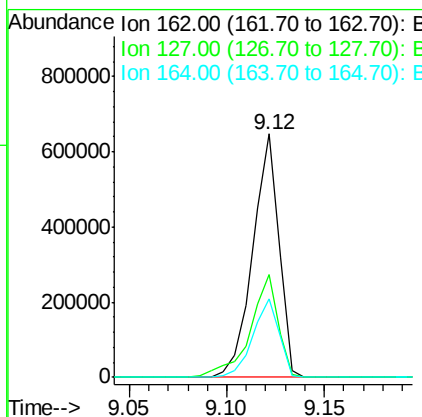
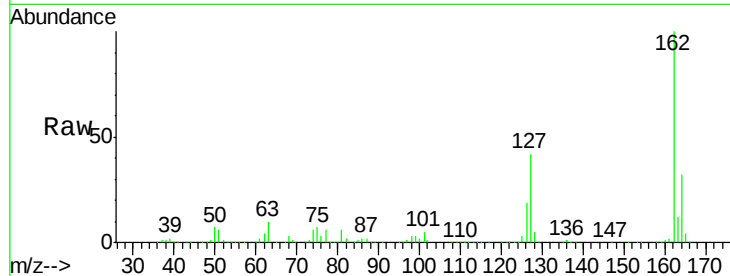
#46
 2-Chloronaphthalene
 Concen: 48.094 ng
 RT: 9.12 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	42.1	28.3	42.5
164	32.4	27.0	40.4

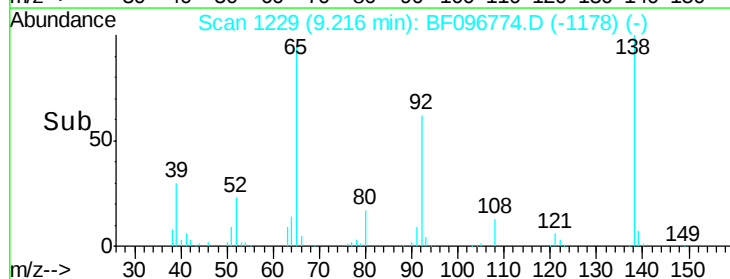
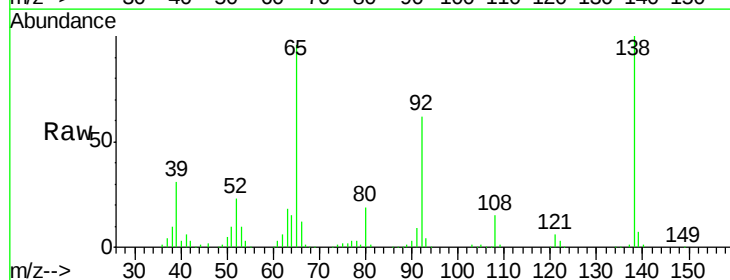
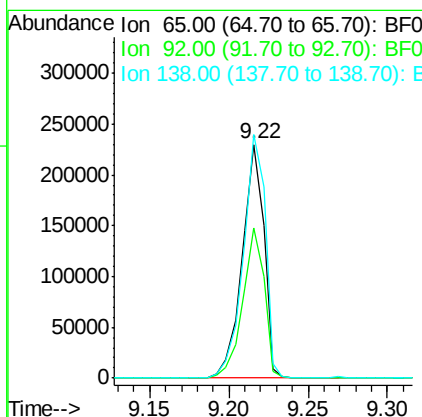
Manual Integrations
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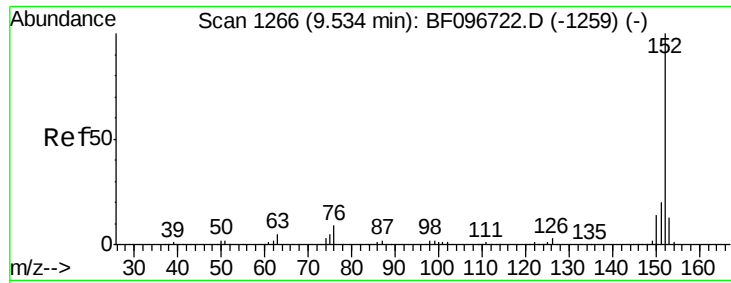
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#47
 2-Nitroaniline
 Concen: 51.077 ng
 RT: 9.22 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	64.2	53.9	80.9
138	104.1	78.8	118.2





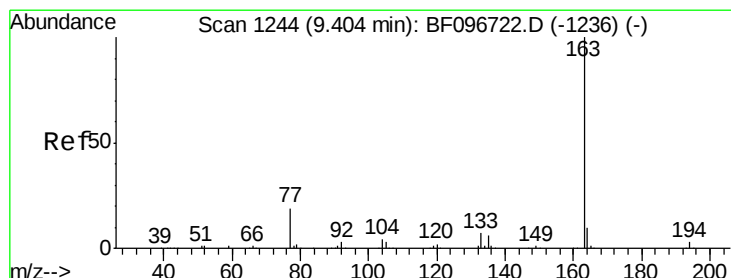
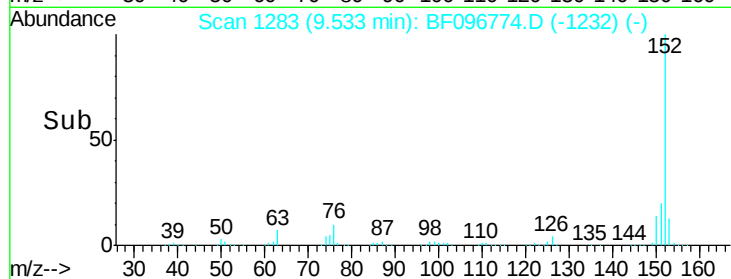
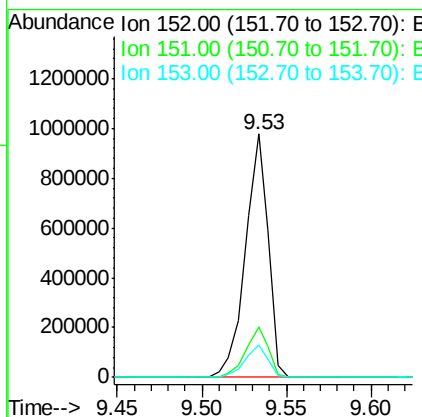
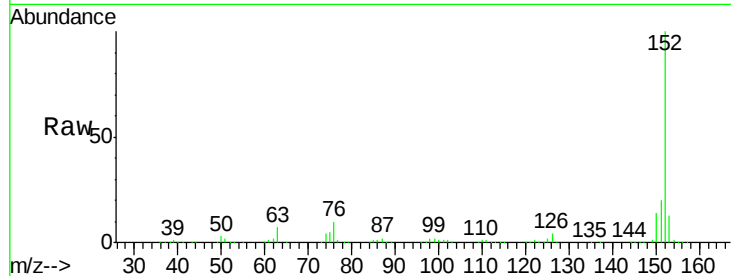
#48
Acenaphthylene
Concen: 46.239 ng
RT: 9.53 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.2	10.8	16.2

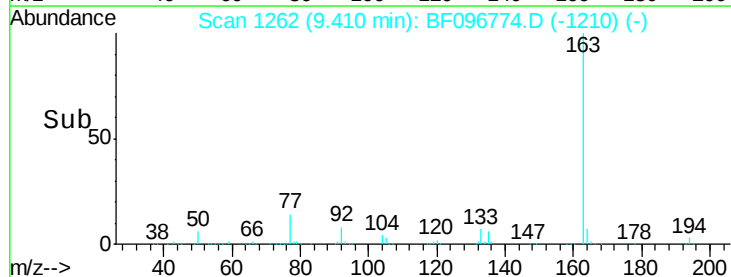
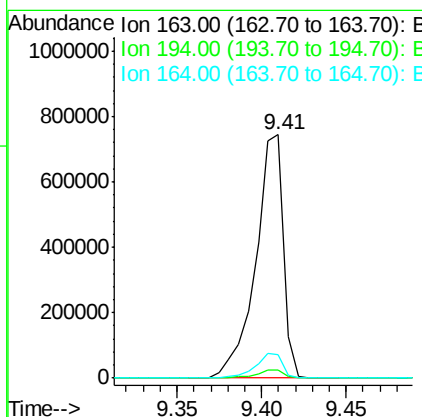
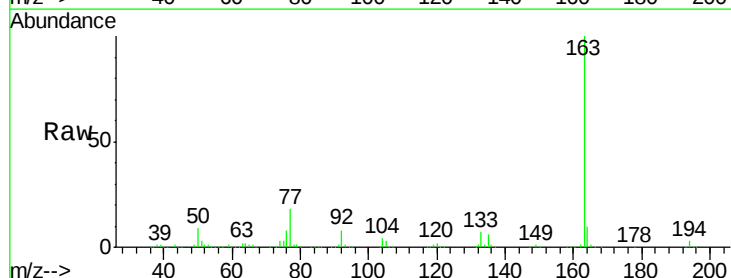
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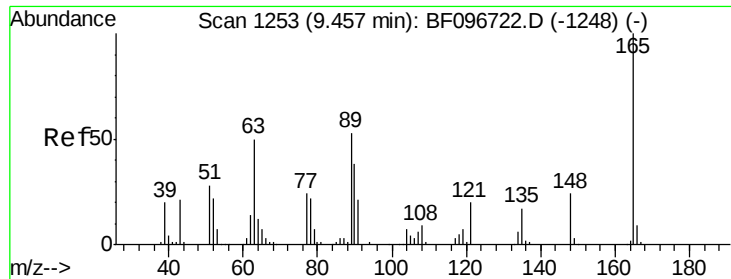
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#49
Dimethylphthalate
Concen: 57.112 ng
RT: 9.41 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6





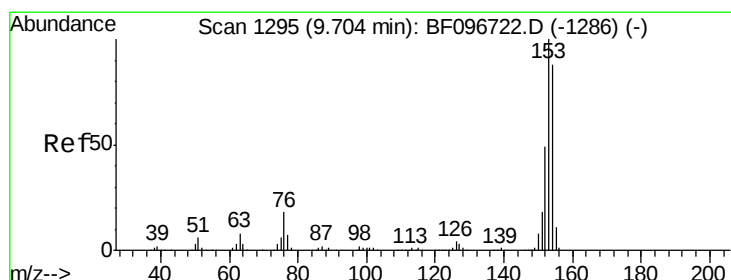
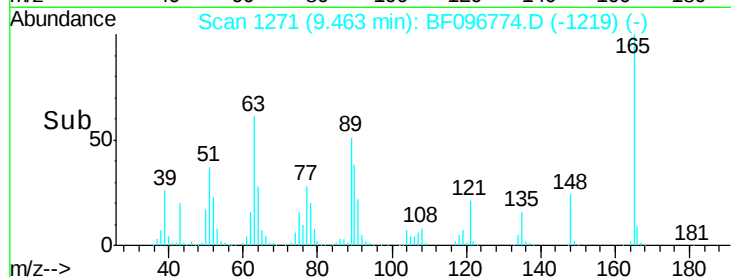
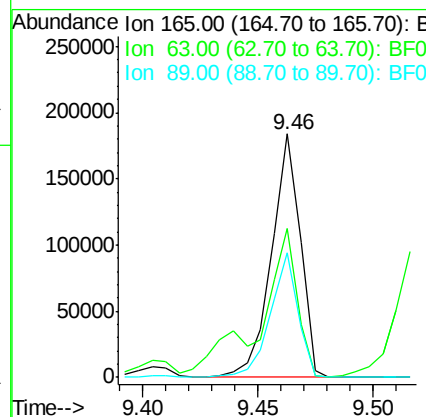
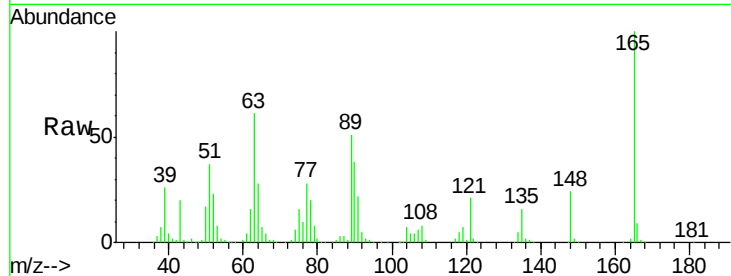
#50
 2,6-Dinitrotoluene
 Concen: 49.482 ng
 RT: 9.46 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	61.2	34.3	51.5#
89	50.9	37.1	55.7

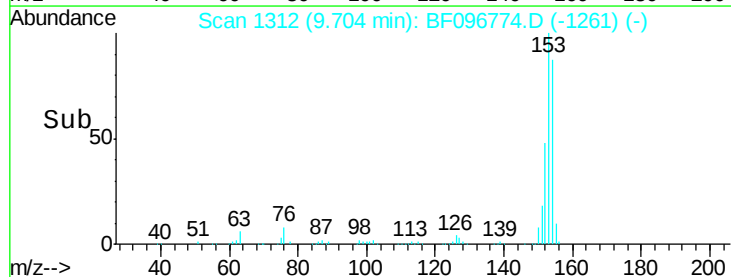
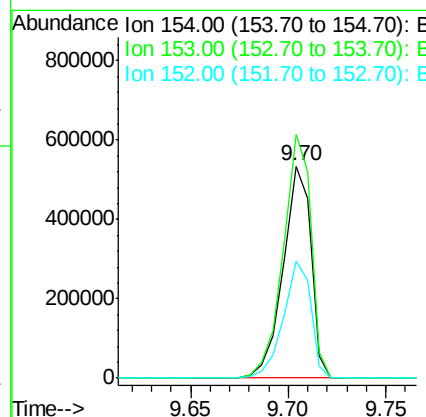
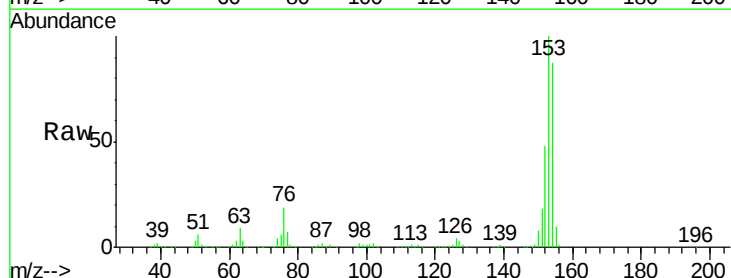
Manual Integrations
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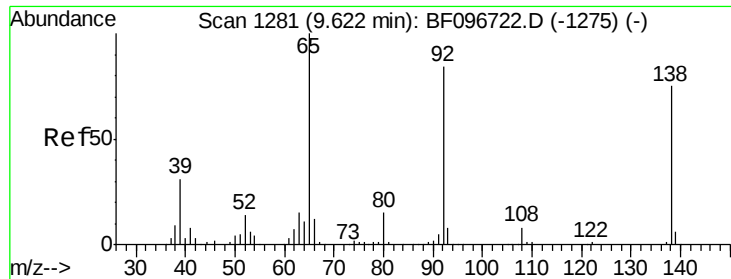
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#51
 Acenaphthene
 Concen: 44.938 ng
 RT: 9.70 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	115.0	90.5	135.7
152	55.0	43.6	65.4





#52

3-Nitroaniline

Concen: 23.264 ng

RT: 9.62 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF096774.D

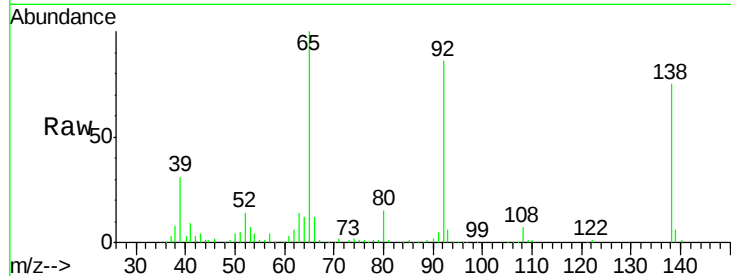
Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

ClientSampleId :

E2-05-ESWMS



Tgt Ion:138 Resp: 88875

Ion Ratio Lower Upper

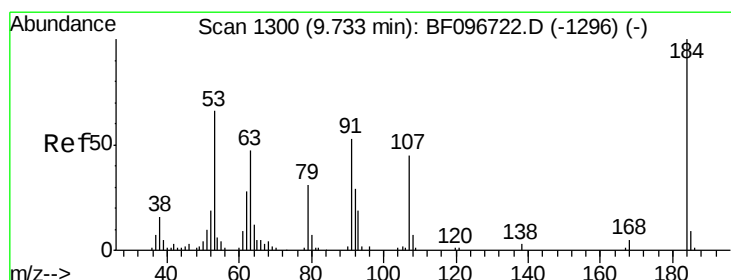
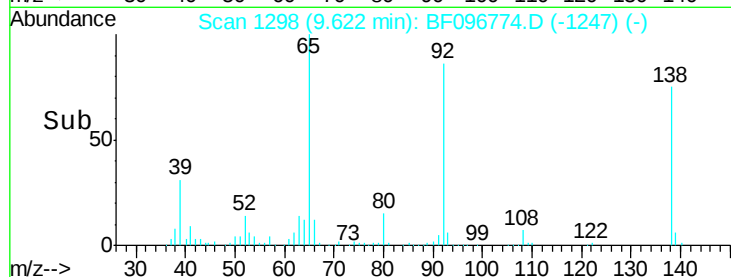
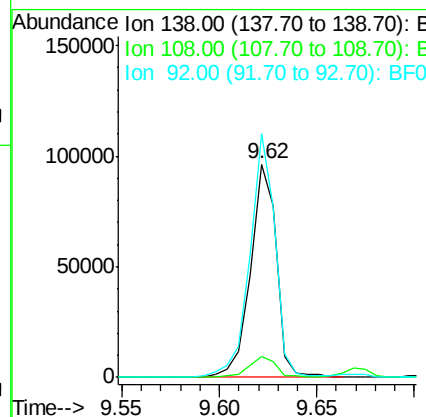
138 100

108 9.7 9.1 13.7

92 114.2 93.8 140.6

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 8.611 ng

RT: 9.74 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

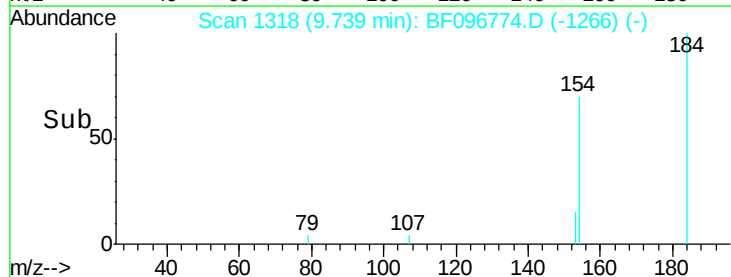
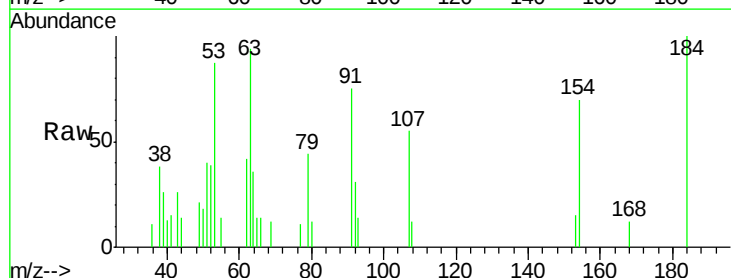
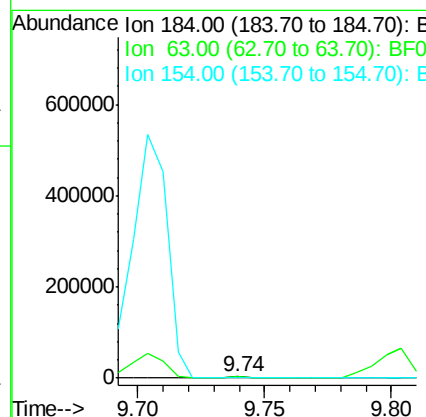
Tgt Ion:184 Resp: 3261

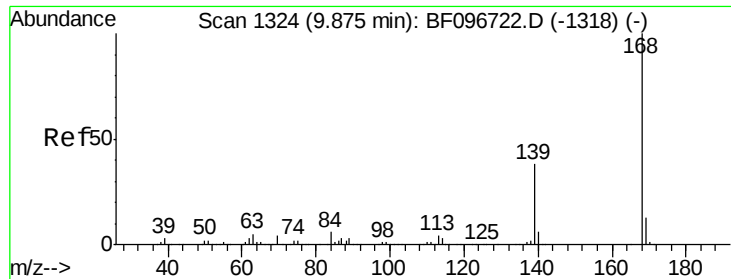
Ion Ratio Lower Upper

184 100

63 93.8 62.7 94.1

154 70.3 81.1 121.7#





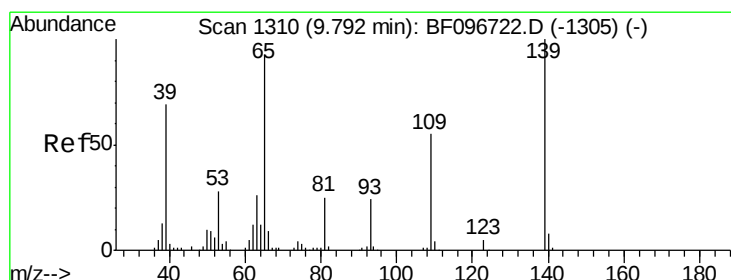
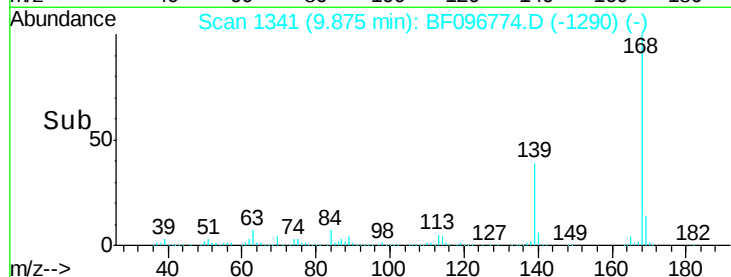
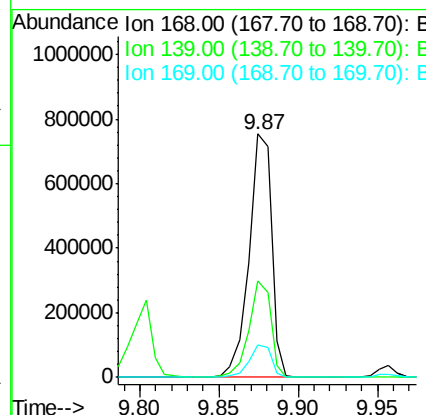
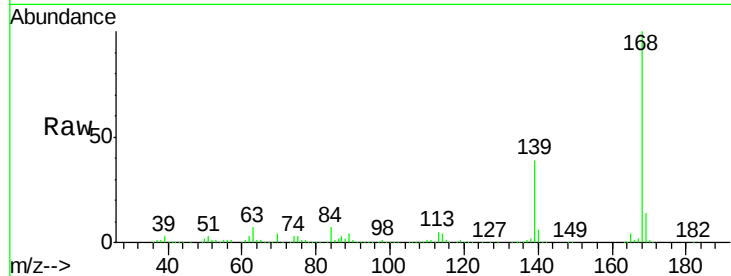
#54
Dibenzofuran
Concen: 44.886 ng
RT: 9.87 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	739305		
139	39.4	30.6	45.8	
169	13.5	10.8	16.2	

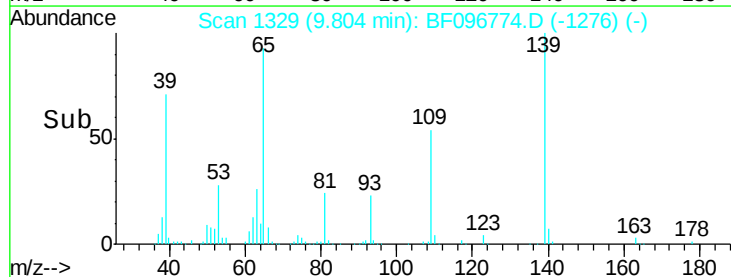
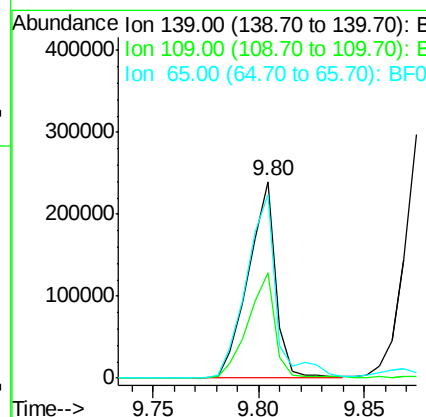
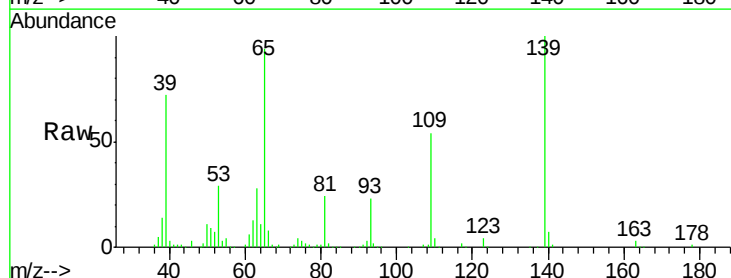
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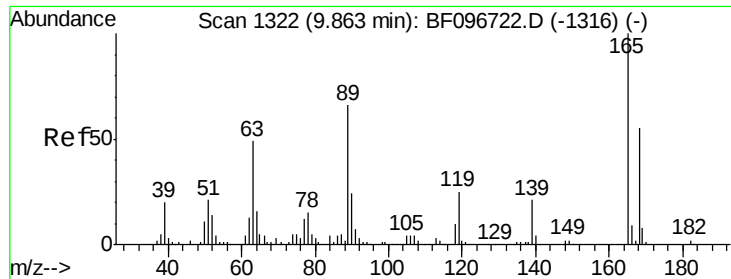
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#55
4-Nitrophenol
Concen: 78.139 ng
RT: 9.80 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

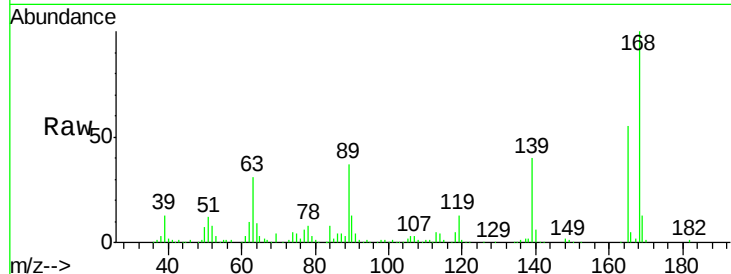
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	218085		
109	53.6	34.1	74.1	
65	93.6	31.4	71.4	





#56
2,4-Dinitrotoluene
Concen: 42.679 ng
RT: 9.87 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

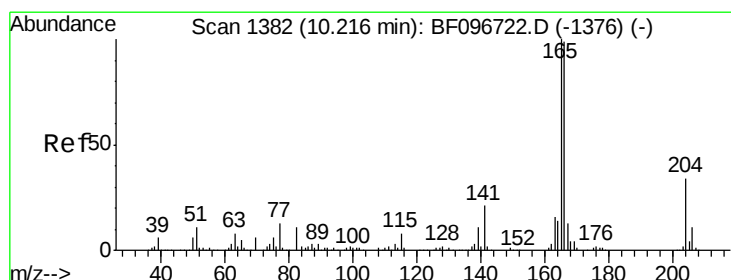
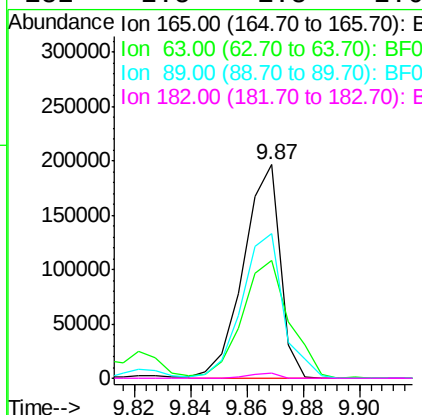
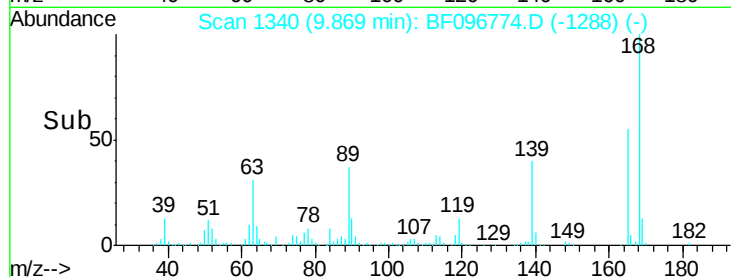
Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS



Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	55.3	25.4	38.0#
89	67.5	46.4	69.6
182	2.5	1.8	2.6

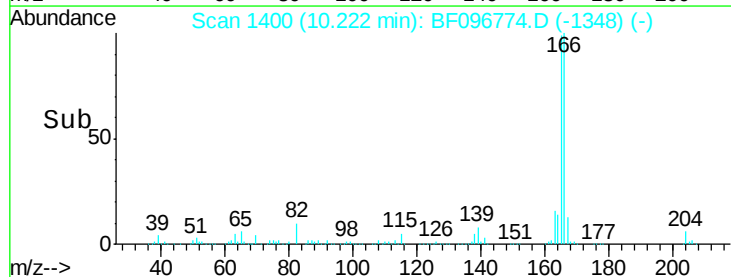
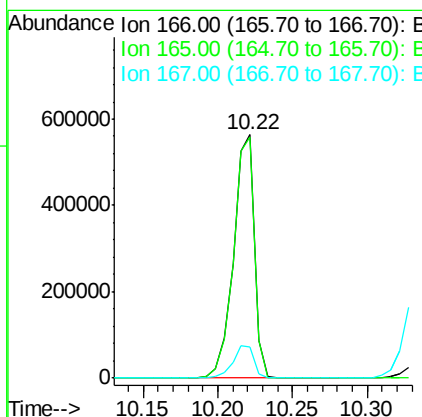
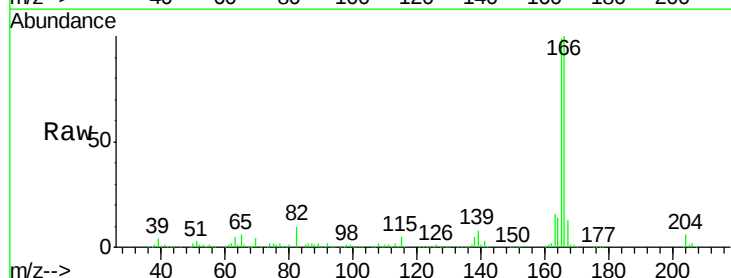
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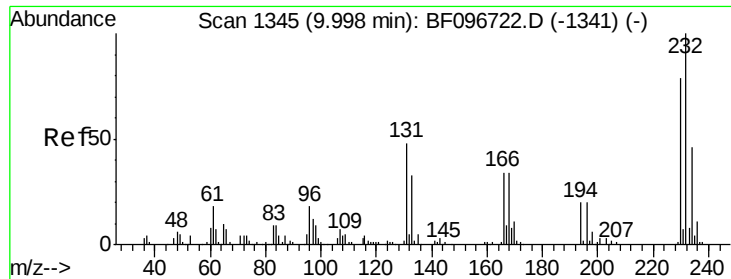
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#57
Fluorene
Concen: 45.436 ng
RT: 10.22 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.1	78.8	118.2
167	13.0	10.6	16.0





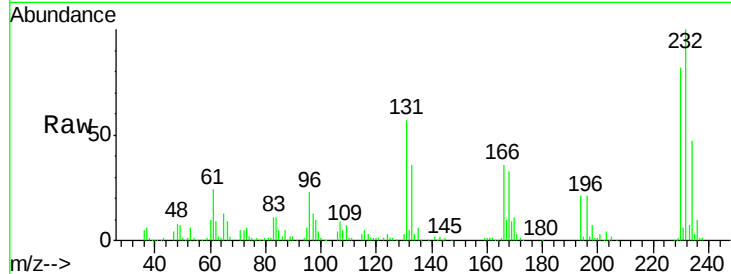
#58
2,3,4,6-Tetrachlorophenol
Concen: 42.401 ng
RT: 10.00 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	116929		
131	55.1	44.8	67.2	
130	2.6	2.3	3.5	
166	35.0	29.0	43.4	

Manual Integrations
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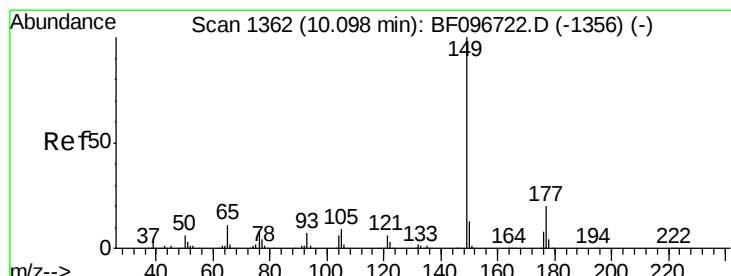
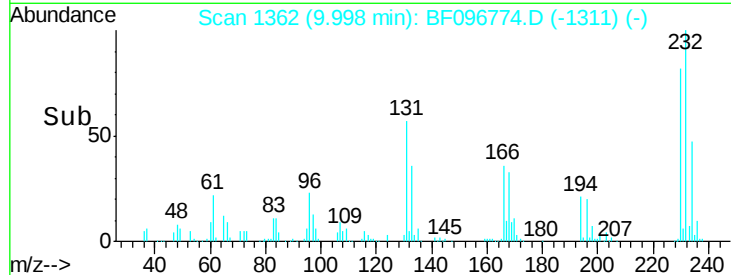
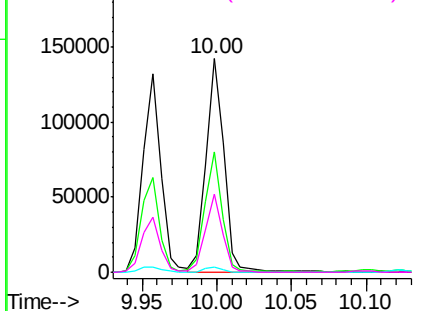


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

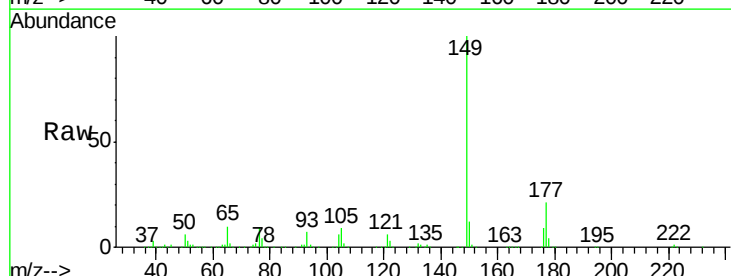
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Diethylphthalate
Concen: 46.349 ng
RT: 10.10 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

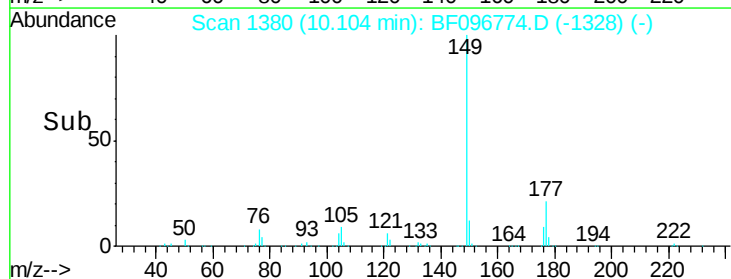
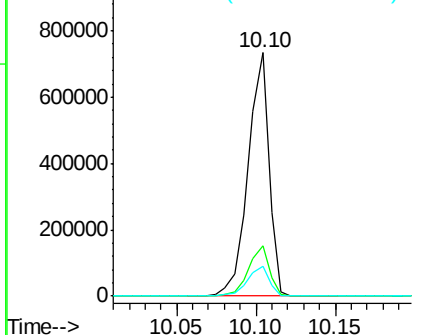
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	671771		
177	20.8	16.7	25.1	
150	12.1	10.2	15.2	

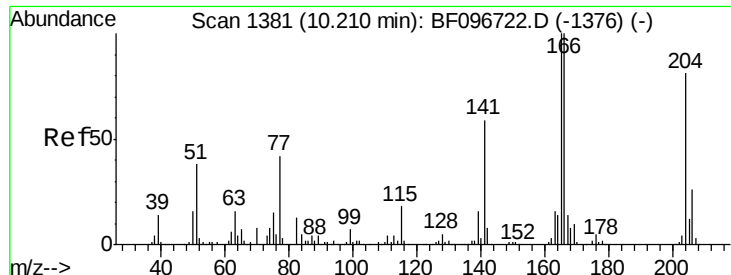


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





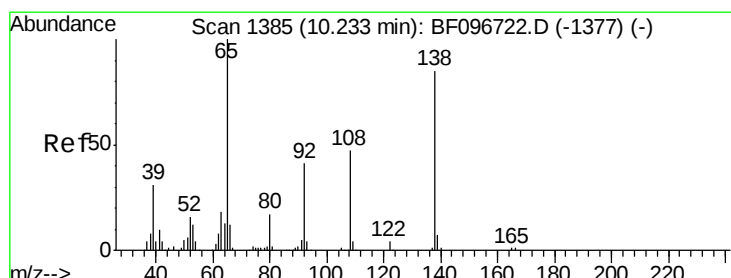
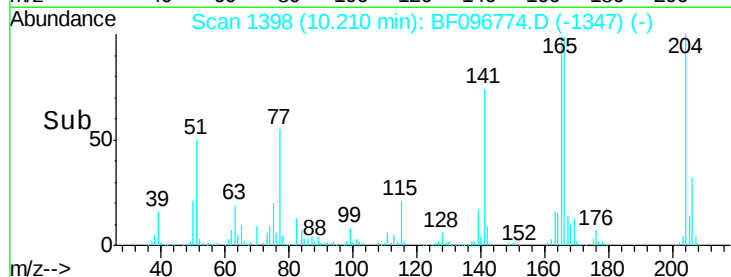
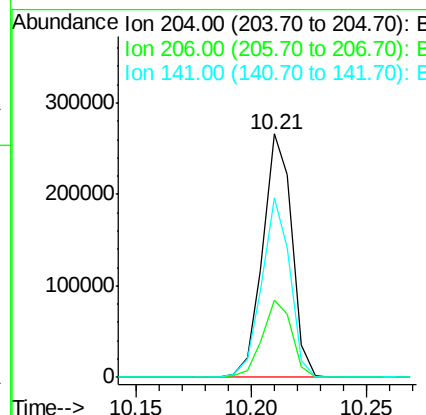
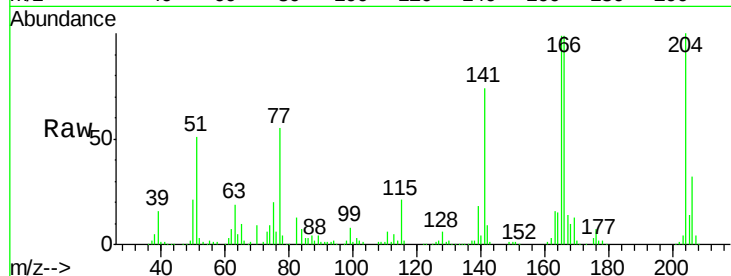
#60
 4-Chlorophenyl-phenylether
 Concen: 47.292 ng
 RT: 10.21 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	235088		
206	31.8	26.2	39.2	
141	73.8	60.8	91.2	

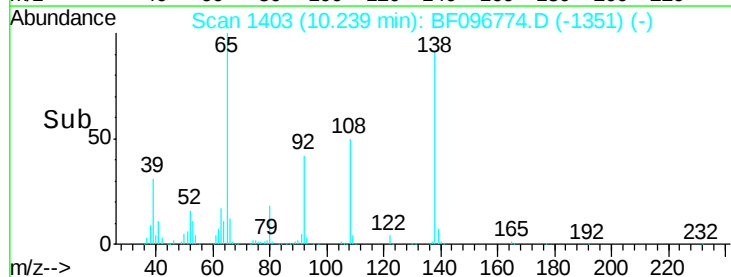
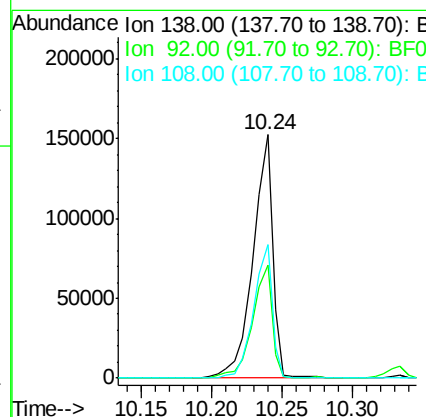
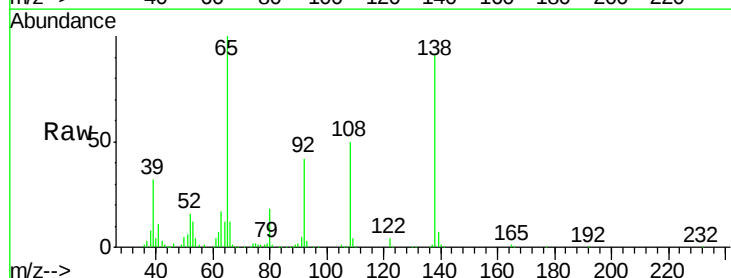
Manual Integrations
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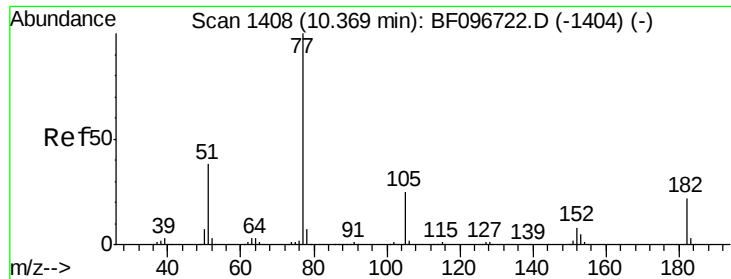
mohammad
 7/17/2017 3:56:21 PM



#61
 4-Nitroaniline
 Concen: 42.007 ng
 RT: 10.24 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	150698		
92	46.3	21.8	61.8	
108	54.9	42.3	82.3	





#62

Azobenzene

Concen: 50.085 ng

RT: 10.37 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

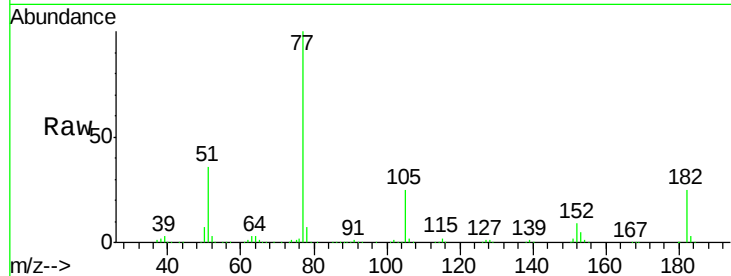
ClientSampleId :

E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	640409		
182	24.7	0.1	40.1	
105	25.0	3.6	43.6	
51	35.5	9.4	49.4	

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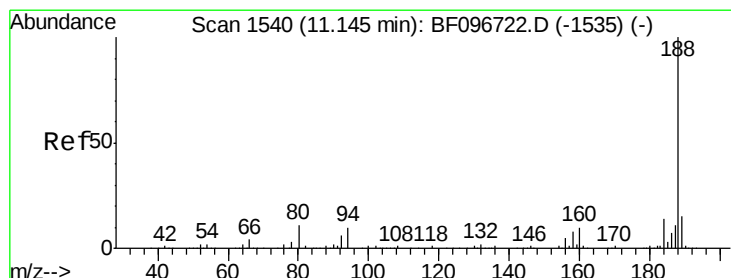
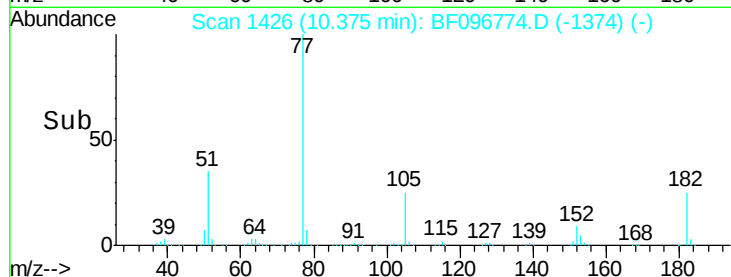
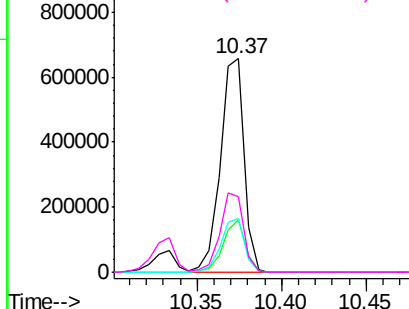


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

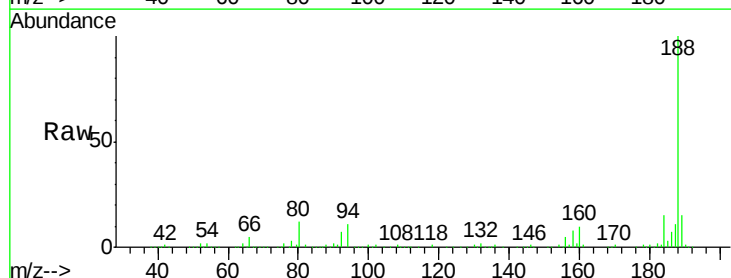
RT: 11.15 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

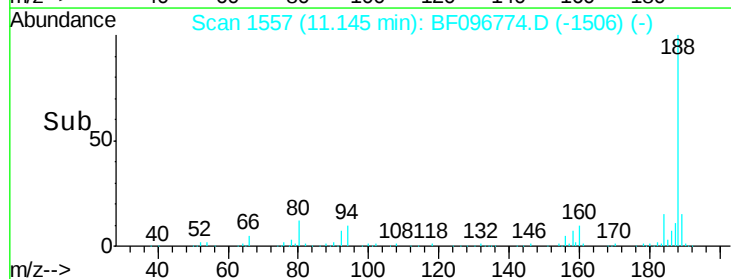
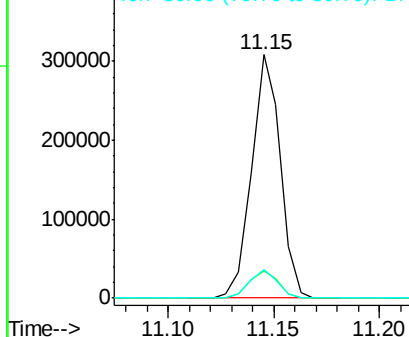
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	290642		
94	11.1	9.4	14.2	
80	11.8	10.2	15.2	

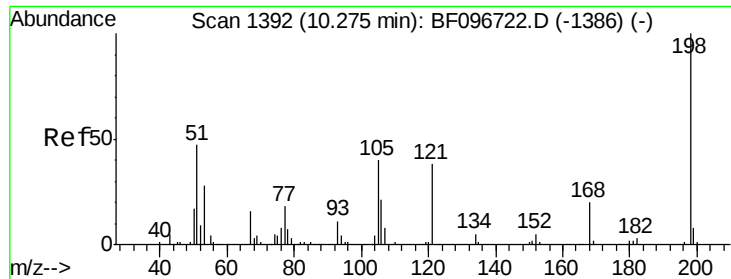


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





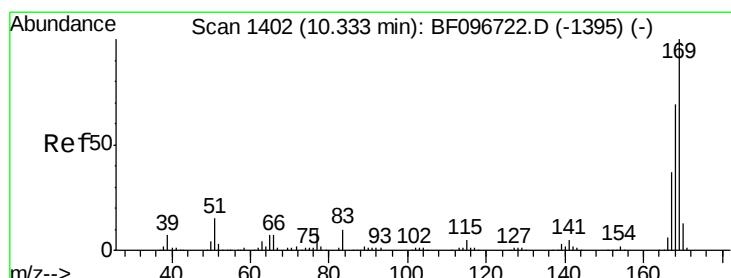
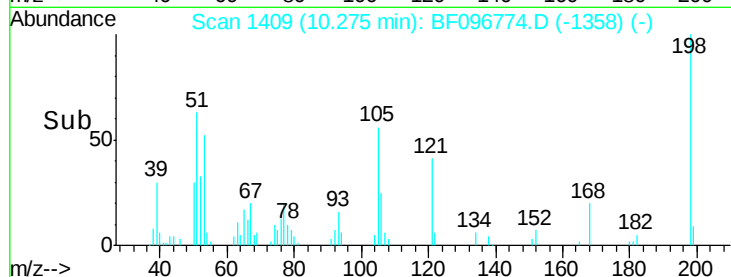
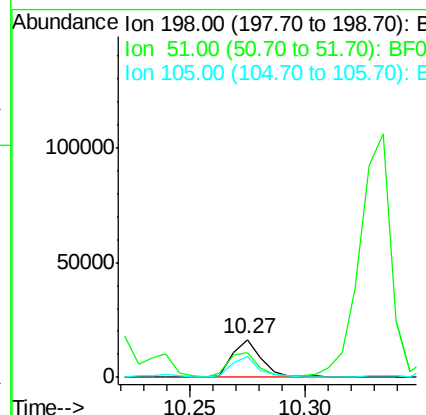
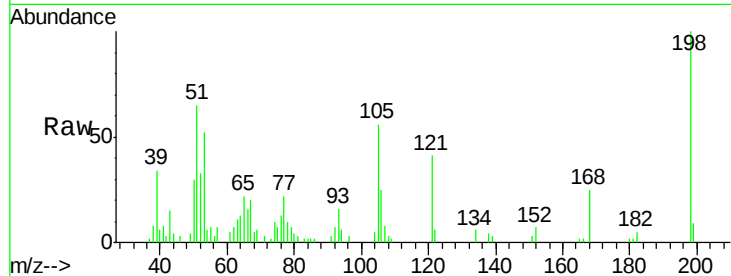
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.801 ng
 RT: 10.27 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	65.0	53.2	93.2
105	55.7	45.8	85.8

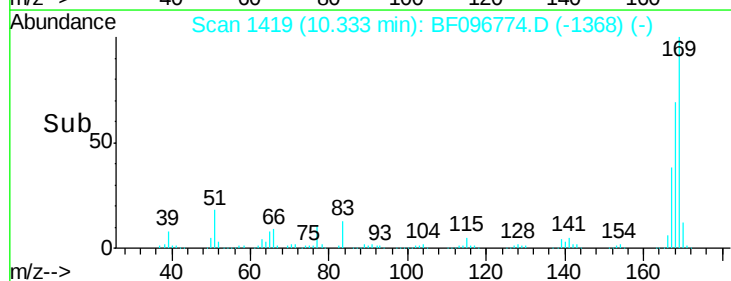
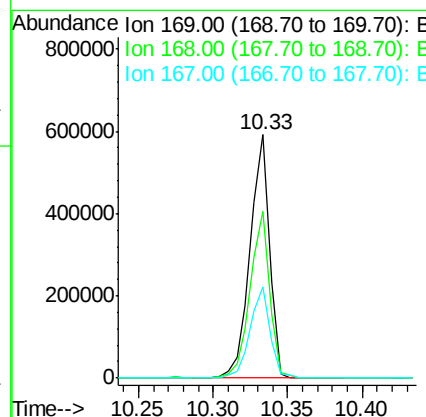
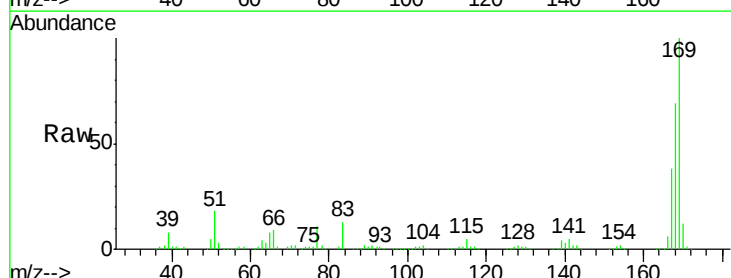
Manual Integrations
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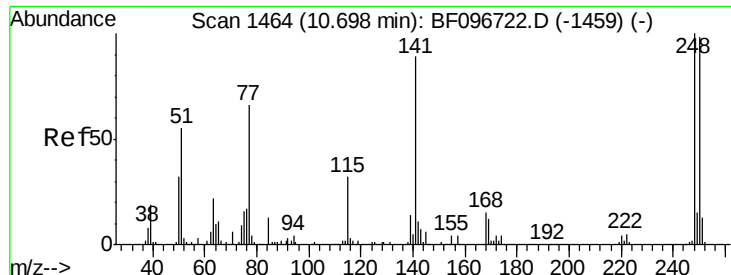
mohammad
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#65
 n-Nitrosodiphenylamine
 Concen: 51.414 ng
 RT: 10.33 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.2	79.8
167	37.7	29.5	44.3





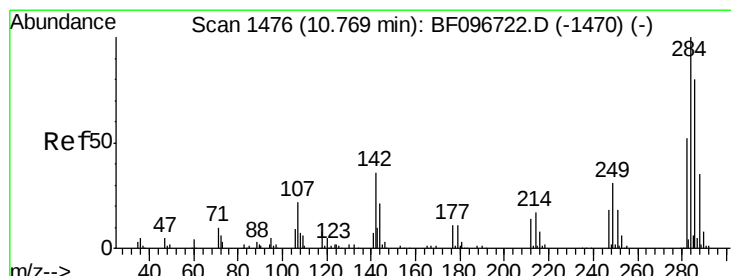
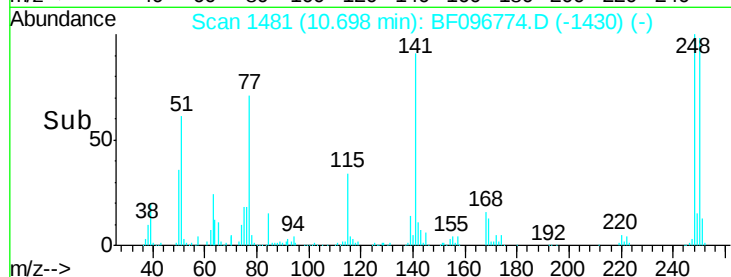
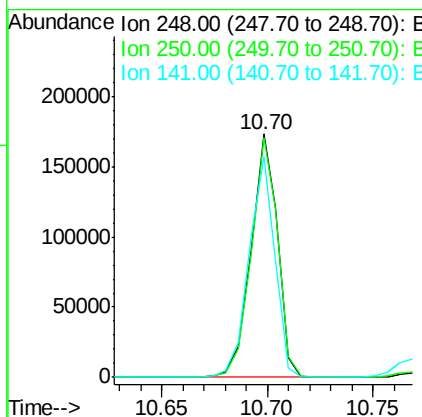
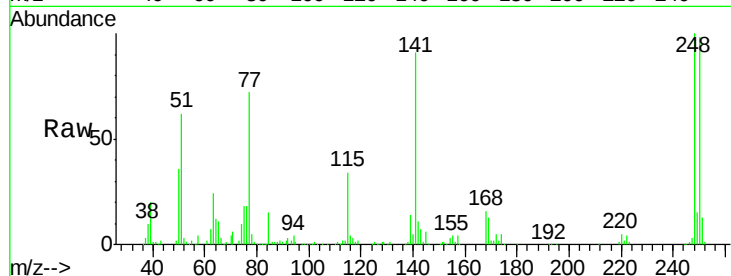
#66
 4-Bromophenyl-phenylether
 Concen: 50.706 ng
 RT: 10.70 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion:	248	Resp:	150461
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.8	115.2
141	90.8	68.6	103.0

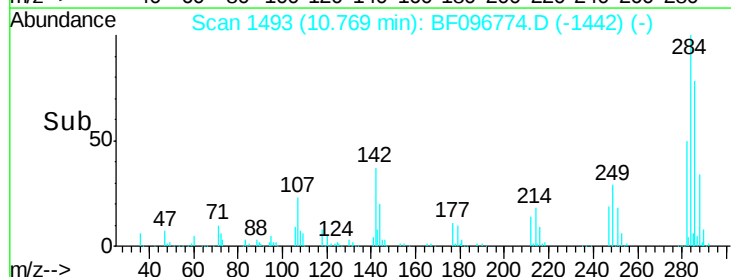
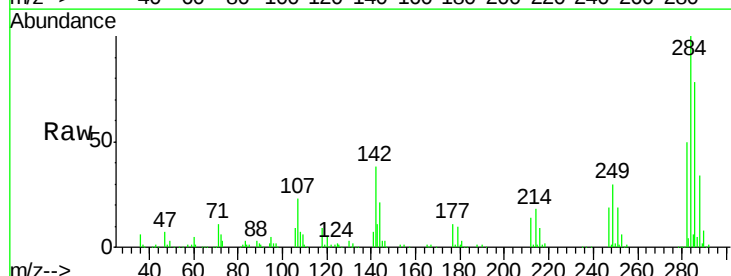
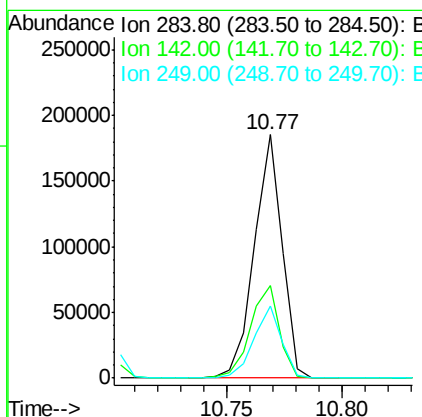
Manual Integrations
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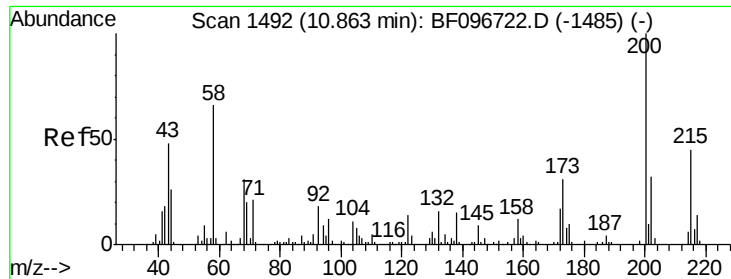
mohammad
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#67
 Hexachlorobenzene
 Concen: 47.312 ng
 RT: 10.77 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion:	284	Resp:	156362
Ion Ratio	Lower	Upper	
284	100		
142	37.8	22.8	34.2#
249	29.8	24.0	36.0





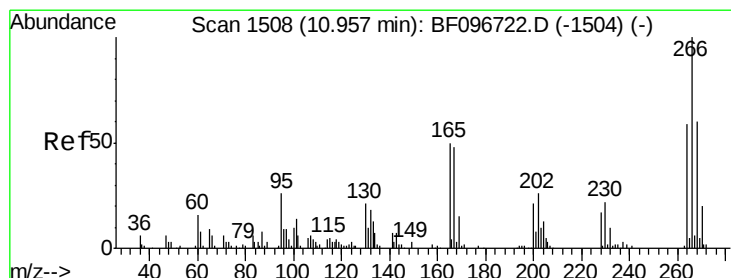
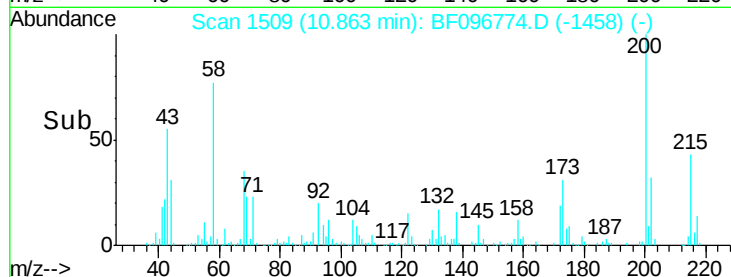
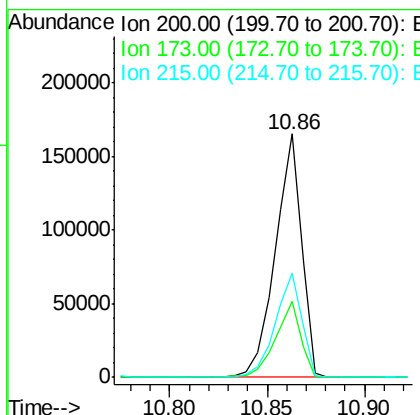
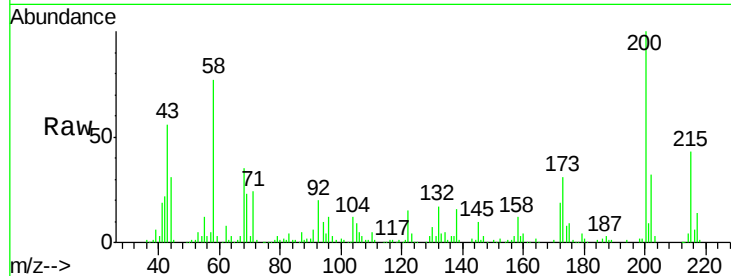
#68
Atrazine
Concen: 52.104 ng
RT: 10.86 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	154224		
173	31.0	6.3	46.3	
215	42.9	27.2	67.2	

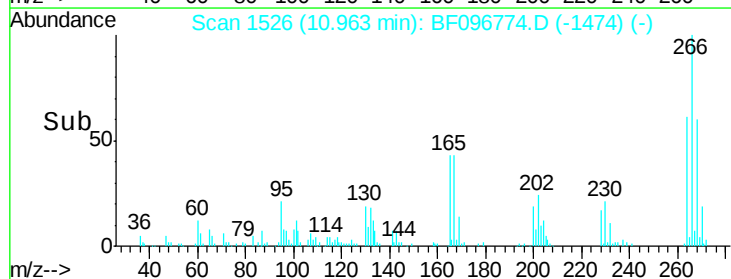
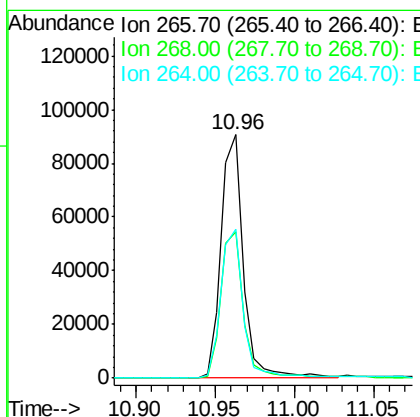
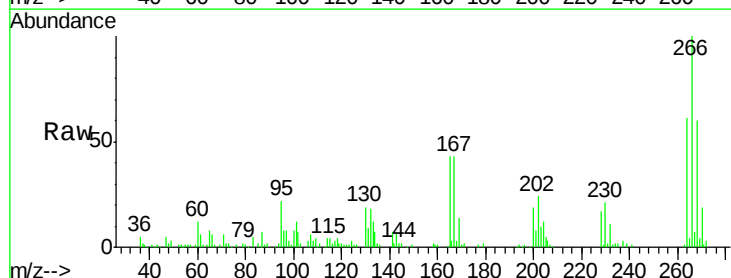
Manual Integrations
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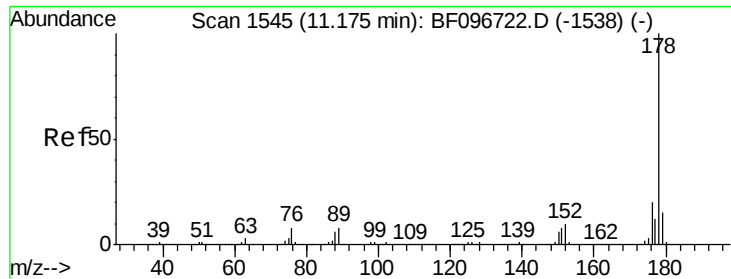
mohammad
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#69
Pentachlorophenol
Concen: 55.550 ng
RT: 10.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	88691		
268	60.4	51.1	76.7	
264	61.1	51.7	77.5	





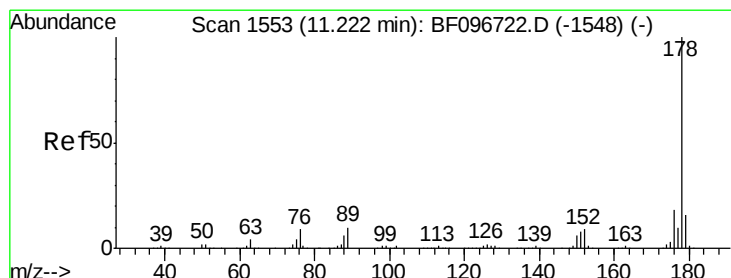
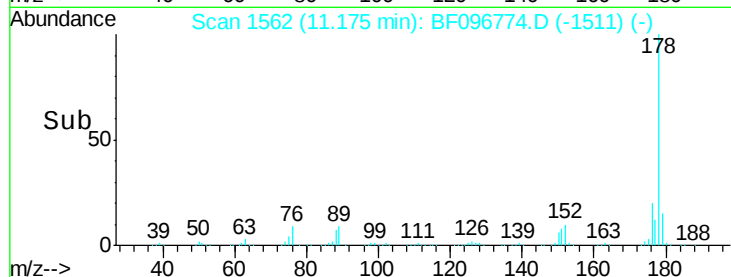
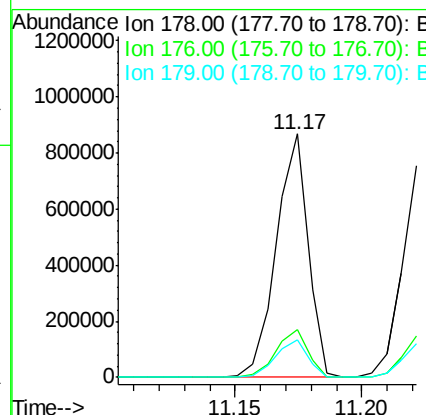
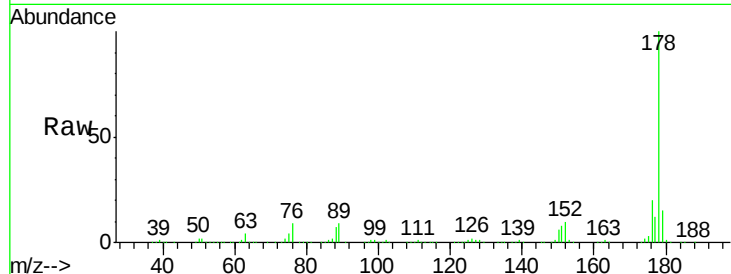
#70
Phenanthrene
Concen: 47.834 ng
RT: 11.17 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.2	12.6	19.0

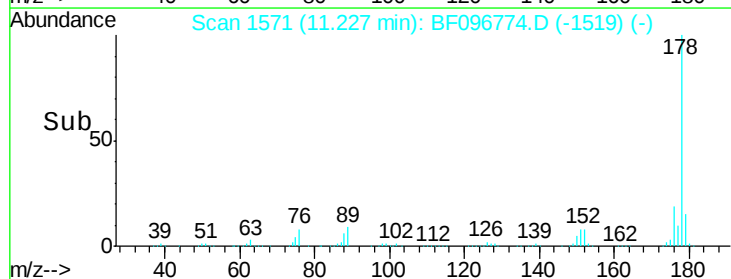
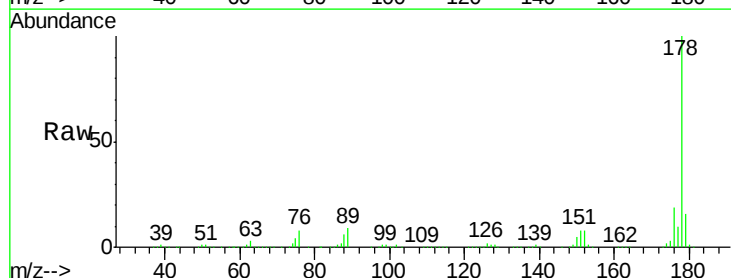
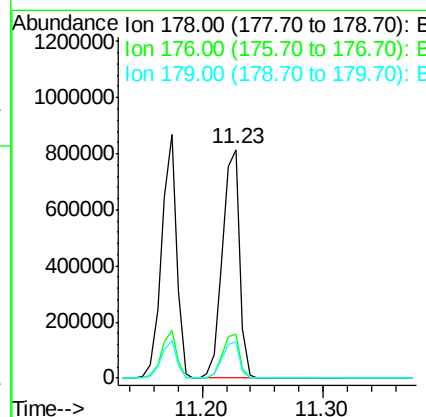
Manual Integrations
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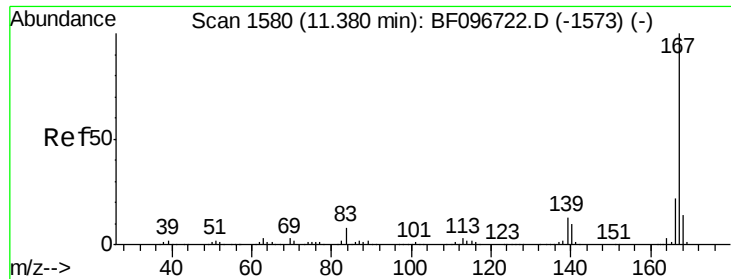
mohammad
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#71
Anthracene
Concen: 49.497 ng
RT: 11.23 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.6	12.7	19.1





#72

Carbazole

Concen: 44.566 ng

RT: 11.38 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

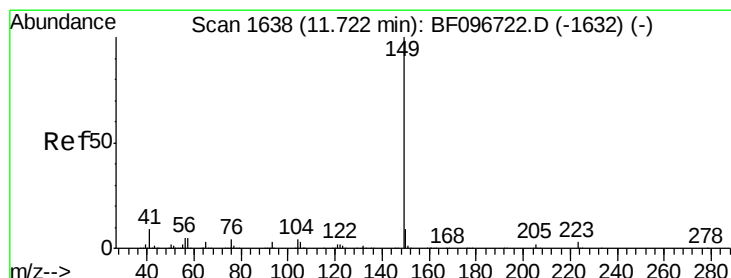
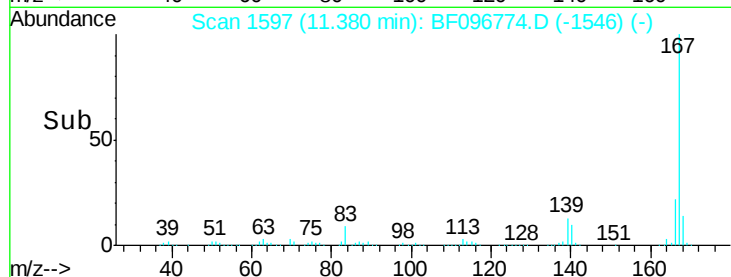
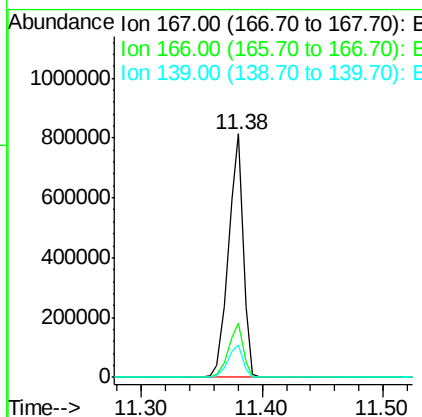
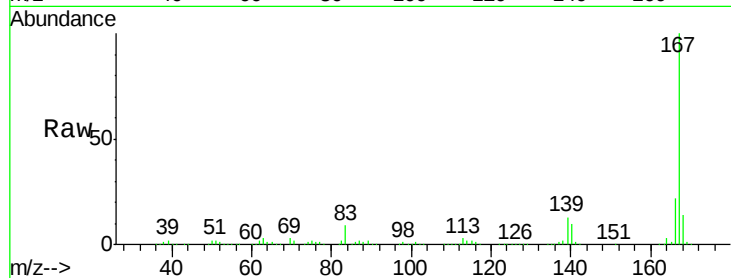
ClientSampleId :

E2-05-ESWMS

Tgt Ion:	167	Resp:	689569
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.1	27.1
139	13.5	11.7	17.5

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 49.836 ng

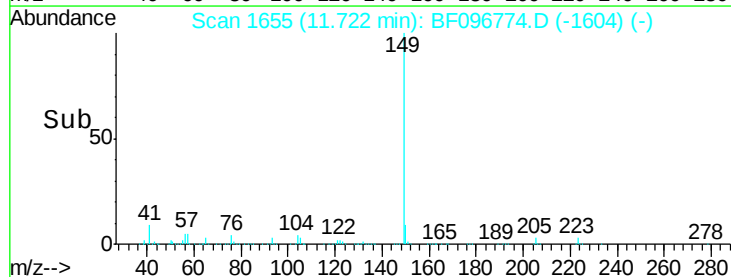
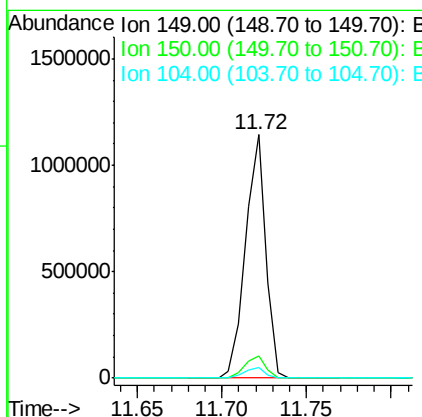
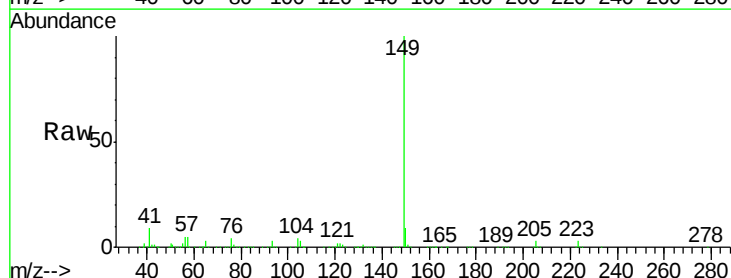
RT: 11.72 min Scan# 1655

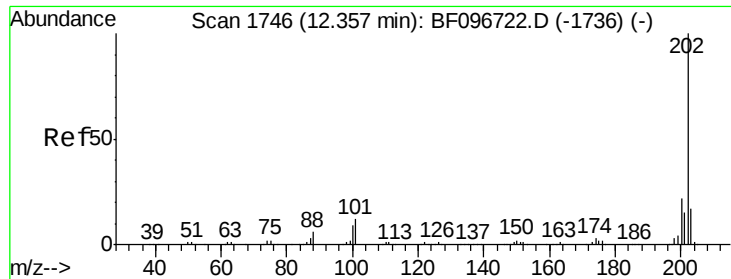
Delta R.T. -0.00 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Tgt Ion:	149	Resp:	960353
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.4	4.0	6.0





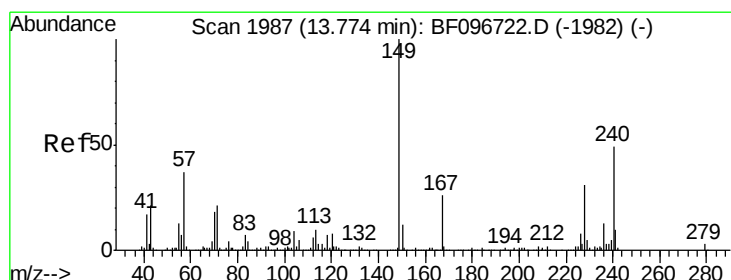
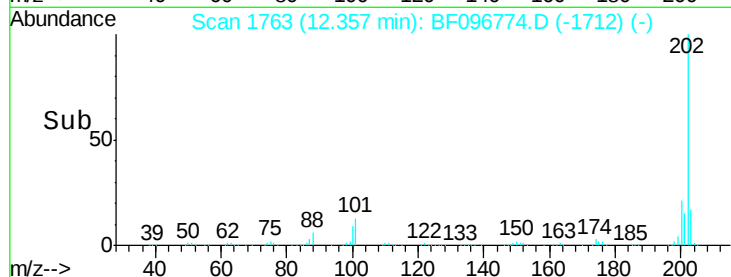
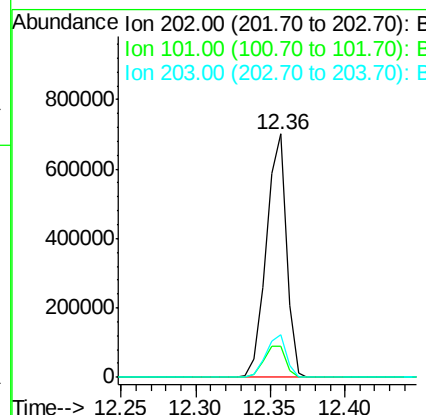
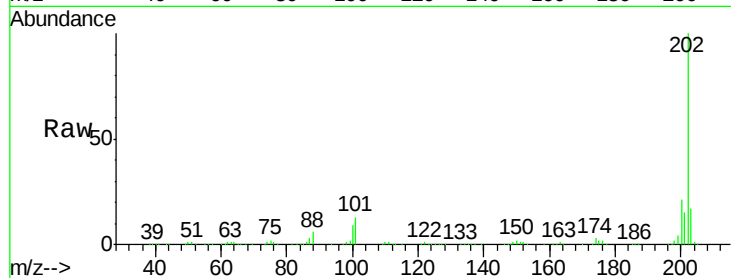
#74
Fluoranthene
 Concen: 42.810 ng
 RT: 12.36 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		647569		
101	12.8	0.0	33.2		
203	17.3	0.0	38.1		

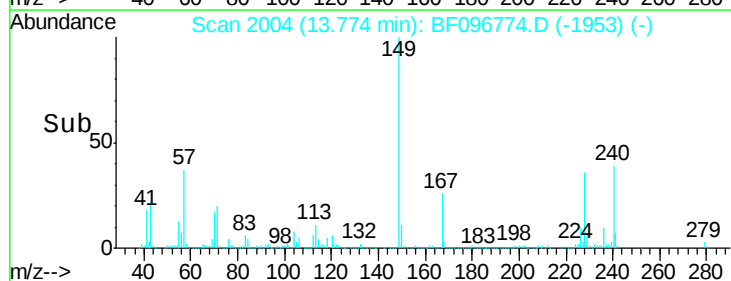
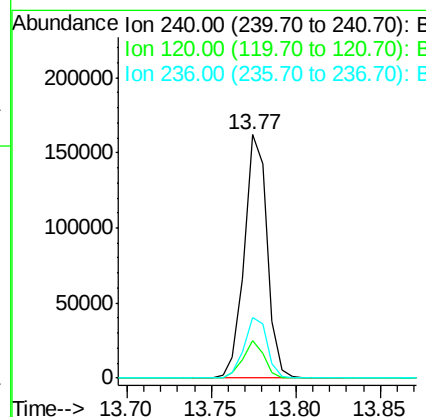
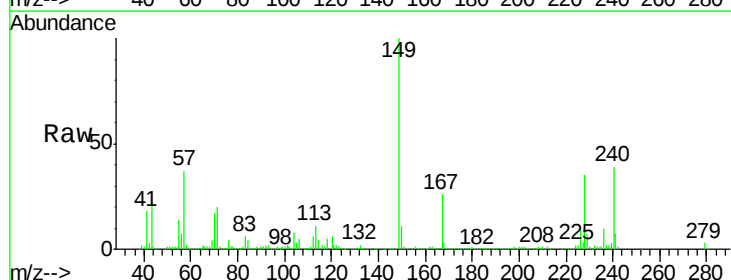
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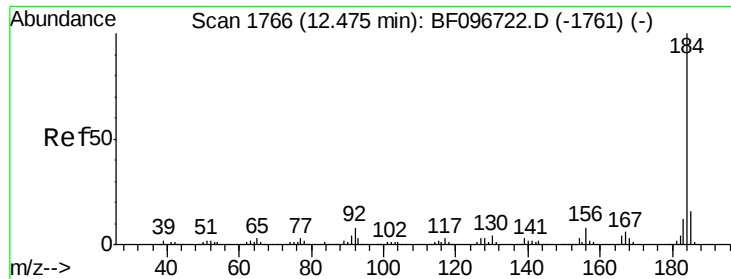
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		152997		
120	15.5	5.8	8.8#		
236	25.1	20.5	30.7		





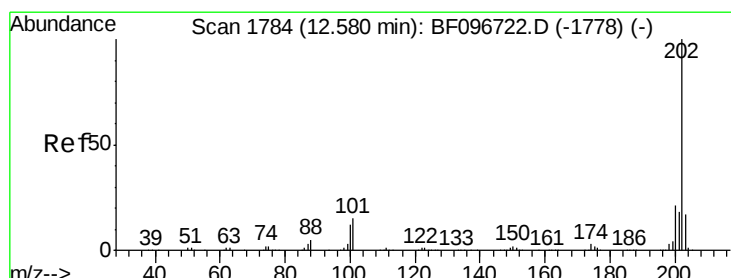
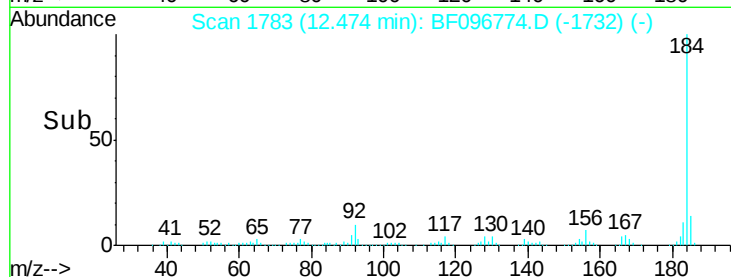
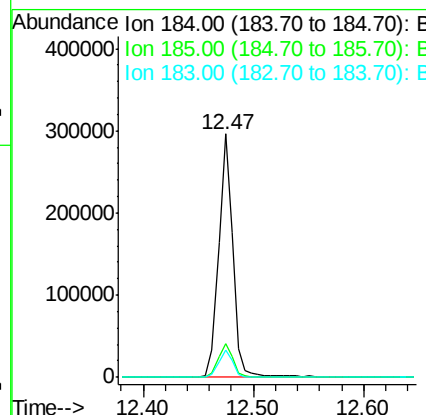
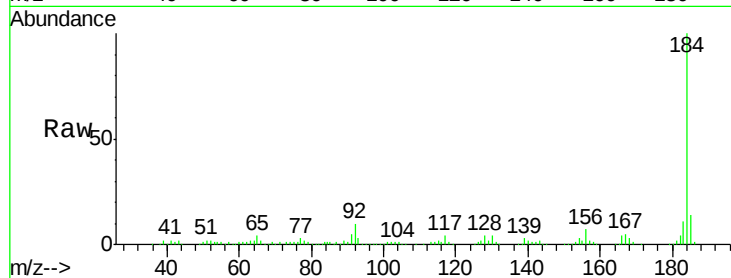
#76
Benzidine
Concen: 52.148 ng
RT: 12.47 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	261377		
185	13.7	15.5	23.3	
183	11.2	9.8	14.6	

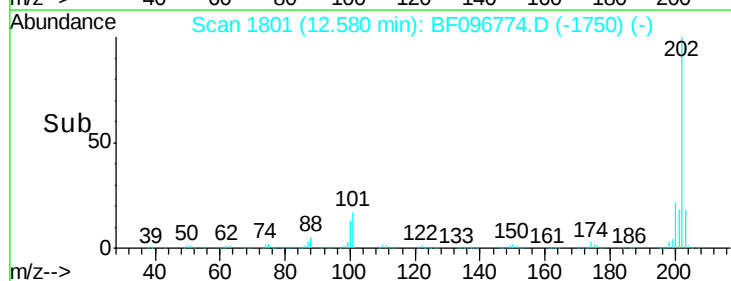
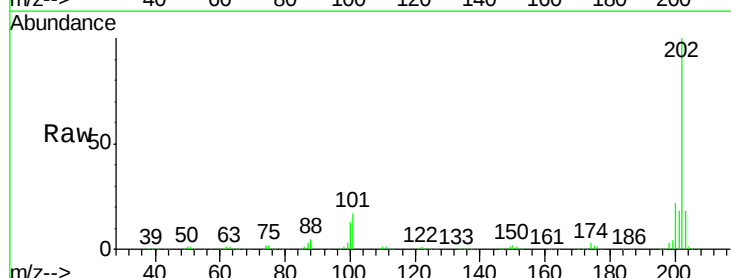
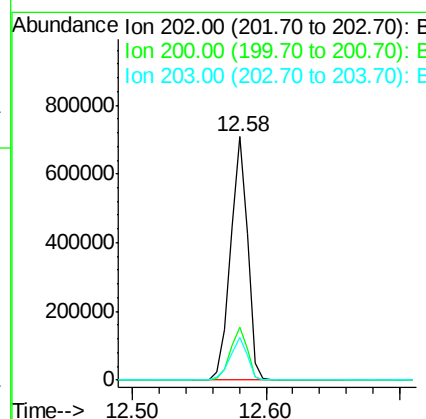
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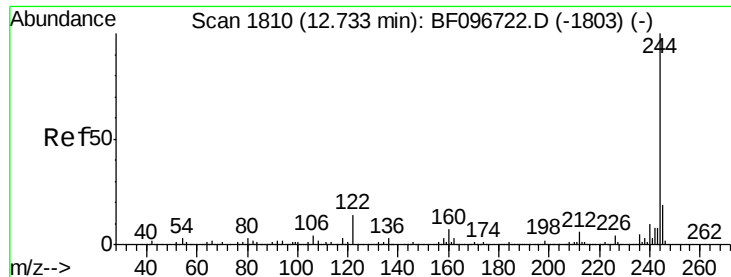
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#77
Pyrene
Concen: 46.143 ng
RT: 12.58 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	640712		
200	21.7	17.6	26.4	
203	17.6	14.4	21.6	





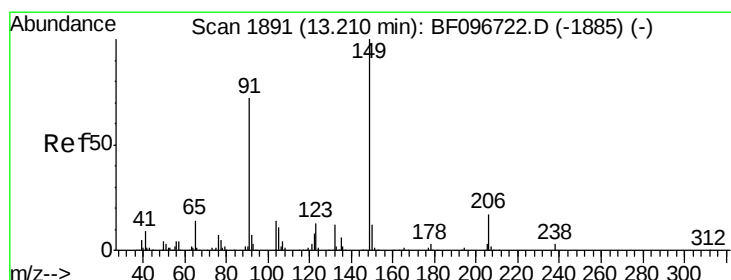
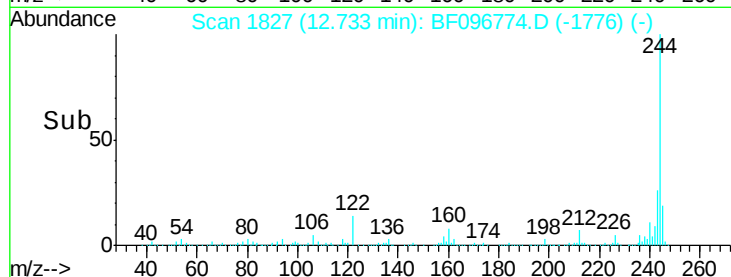
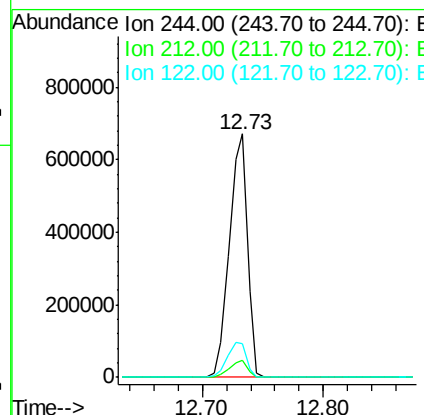
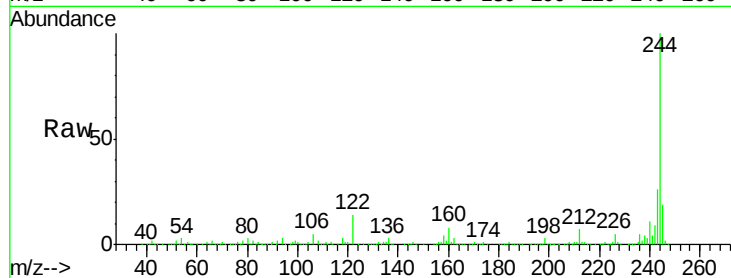
#78
 Terphenyl-d14
 Concen: 78.885 ng
 RT: 12.73 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.0	10.3	15.5

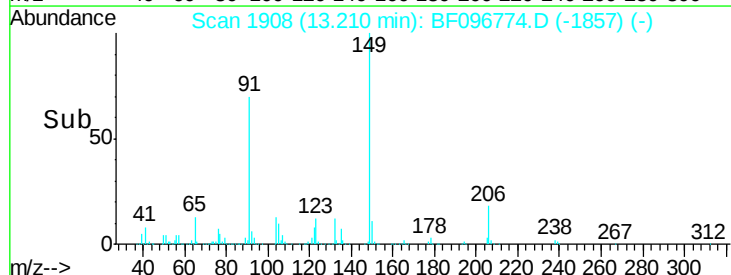
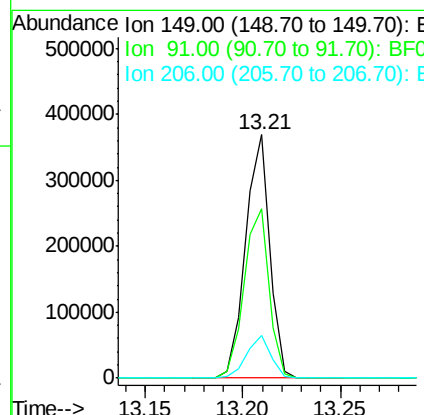
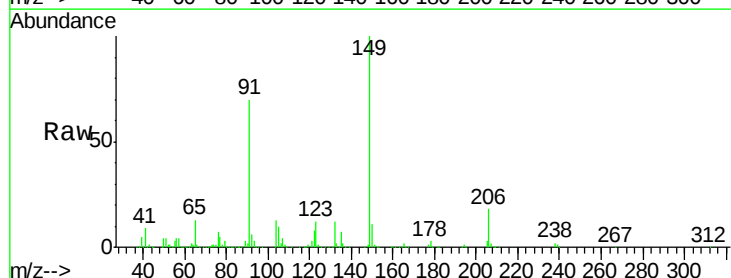
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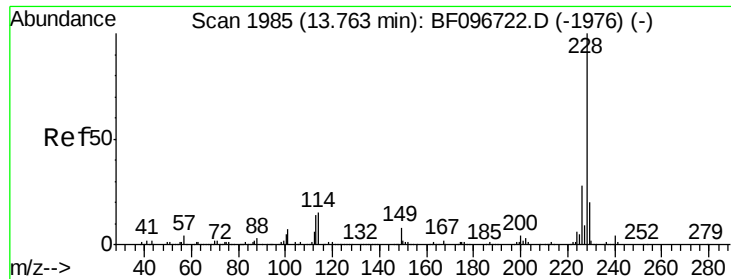
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#79
 Butylbenzylphthalate
 Concen: 96.091 ng
 RT: 13.21 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	45.0	67.4#
206	17.5	17.0	25.6





#80

Benzo(a)anthracene

Concen: 48.992 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

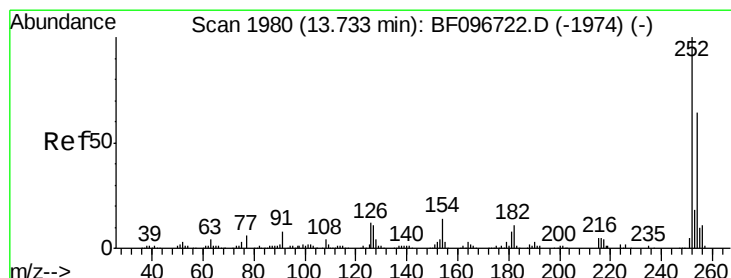
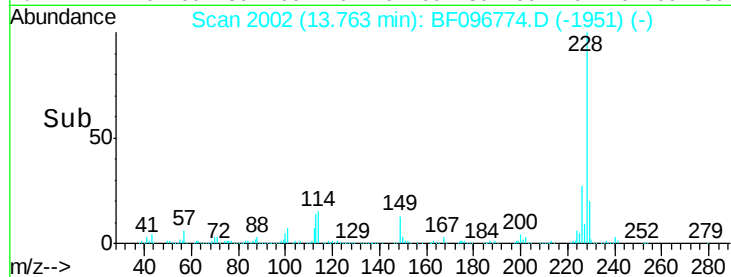
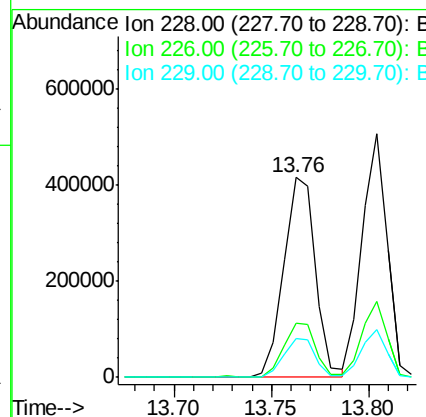
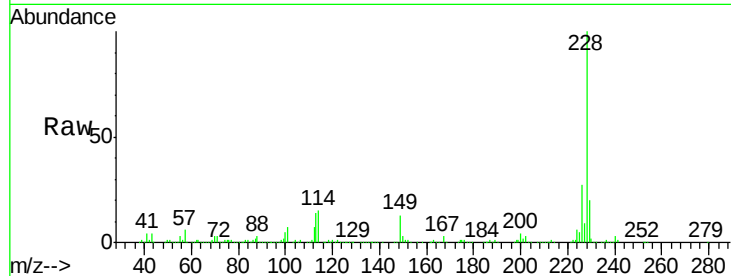
ClientSampleId :

E2-05-ESWMS

Tgt Ion:	228	Resp:	467035
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	33.8
229	19.6	16.3	24.5

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 37.588 ng

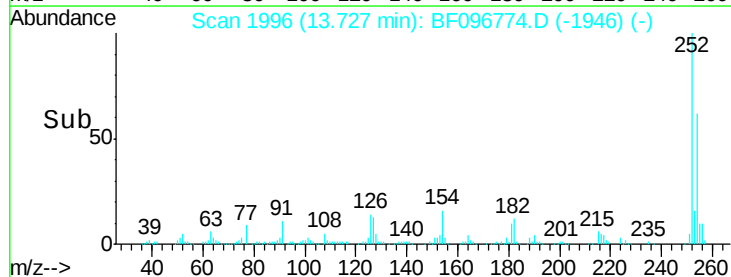
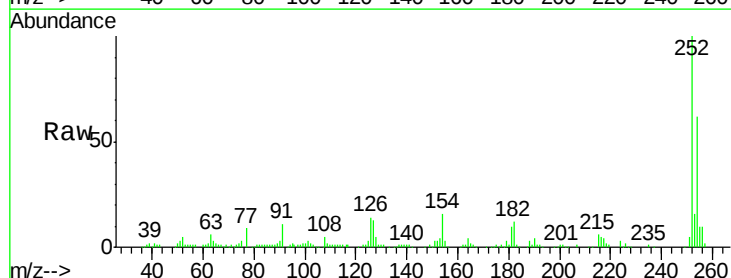
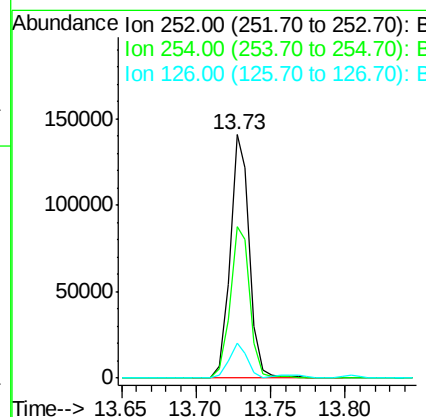
RT: 13.73 min Scan# 1996

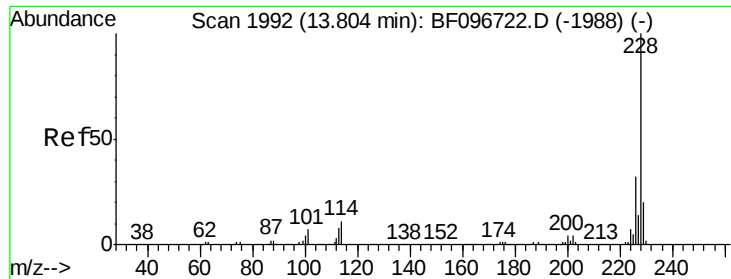
Delta R.T. -0.01 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Tgt Ion:	252	Resp:	128854
Ion Ratio	Lower	Upper	
252	100		
254	62.1	51.5	77.3
126	14.3	15.8	23.8#





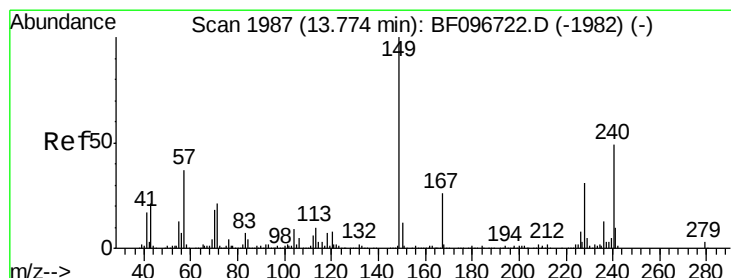
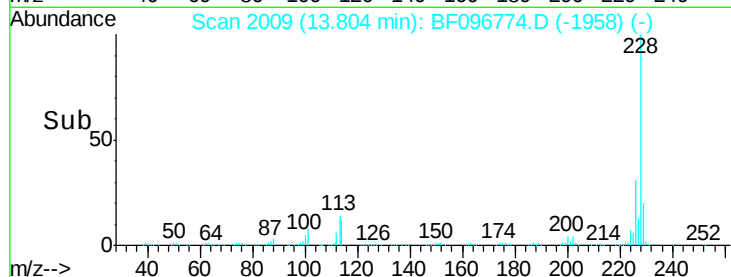
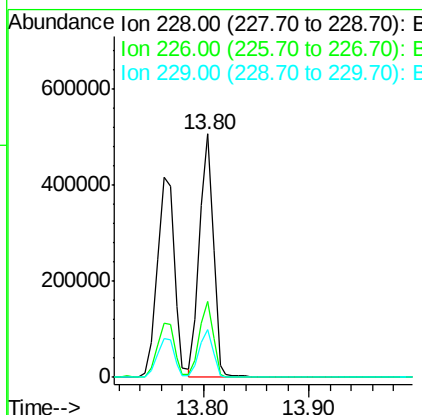
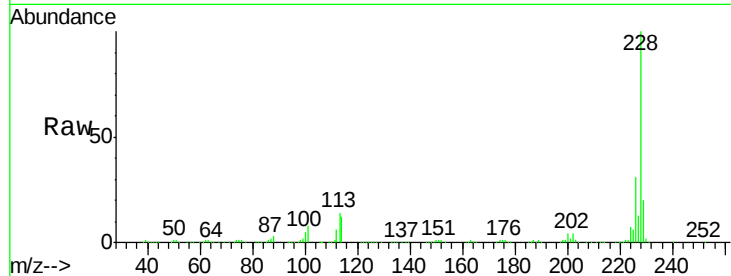
#82
 Chrysene
 Concen: 48.803 ng
 RT: 13.80 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.9	15.8	23.6

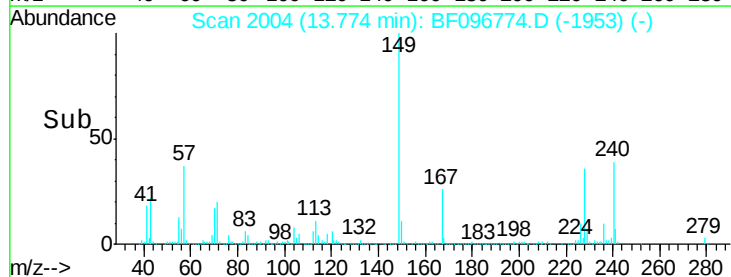
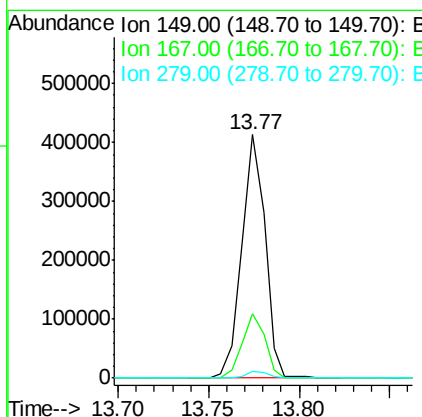
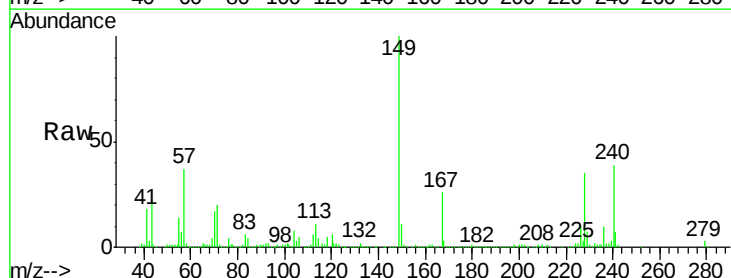
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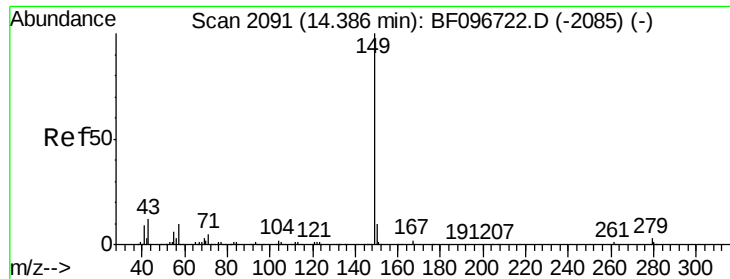
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.047 ng
 RT: 13.77 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF096774.D
 Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.8	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 57.220 ng

RT: 14.39 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BF096774.D

Acq: 14 Jul 2017 14:31

Instrument :

BNA_F

ClientSampleId :

E2-05-ESWMS

Tgt Ion:149 Resp: 759925
Ion Ratio Lower Upper

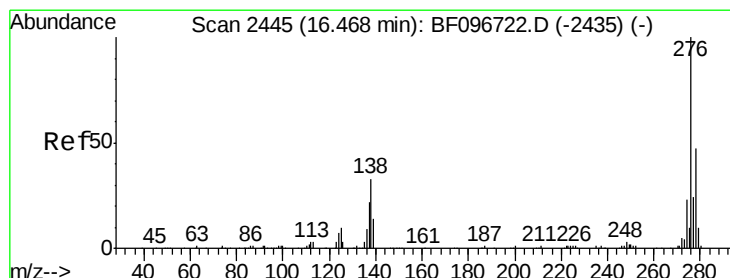
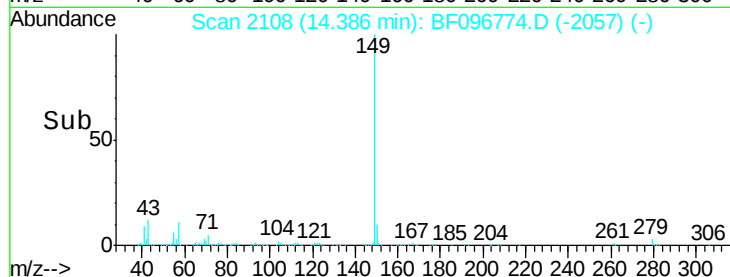
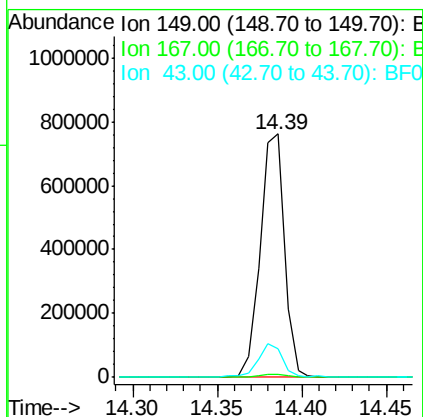
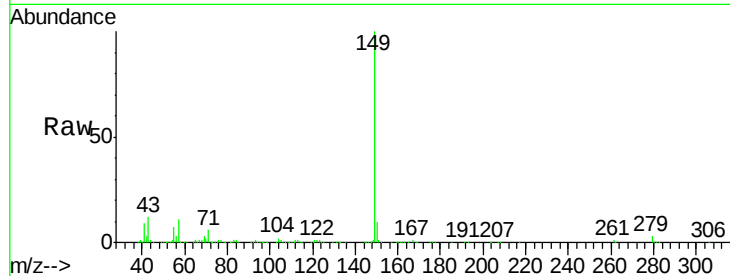
149 100

167 1.5 1.2 1.8

43 13.4 8.5 12.7#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 62.528 ng

RT: 16.48 min Scan# 2464

Delta R.T. 0.01 min

Lab File: BF096774.D

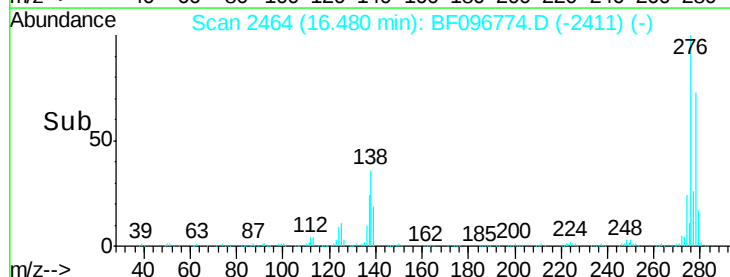
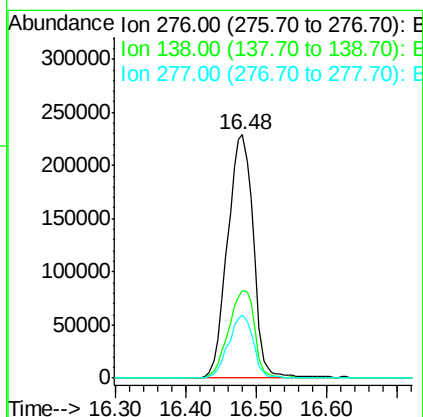
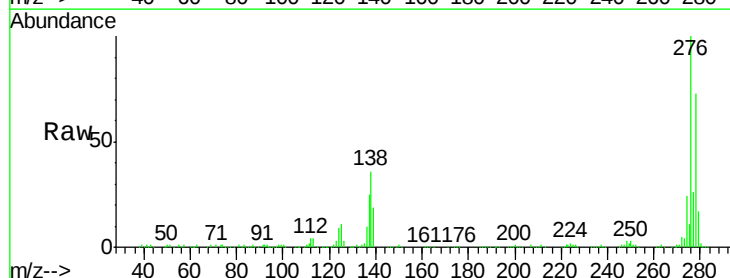
Acq: 14 Jul 2017 14:31

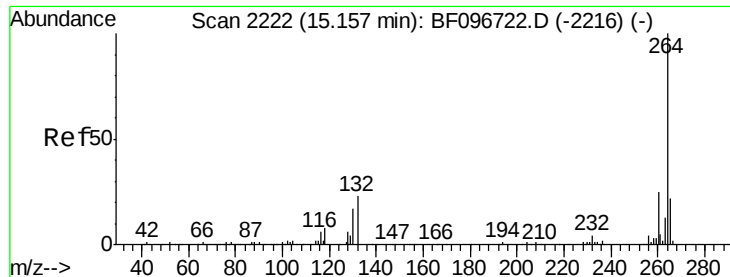
Tgt Ion:276 Resp: 584354
Ion Ratio Lower Upper

276 100

138 36.1 27.8 41.6

277 24.9 20.2 30.4





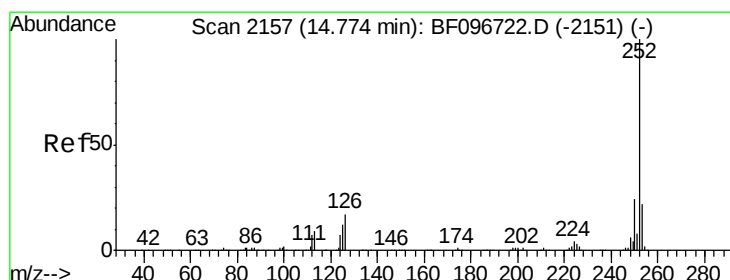
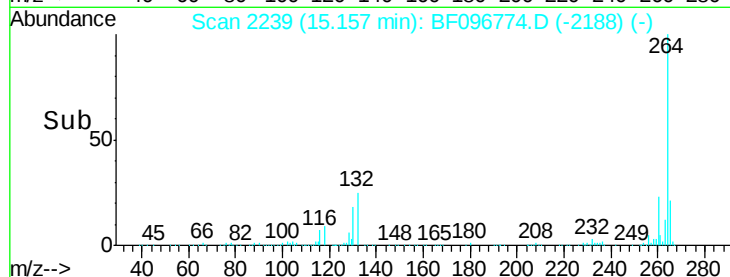
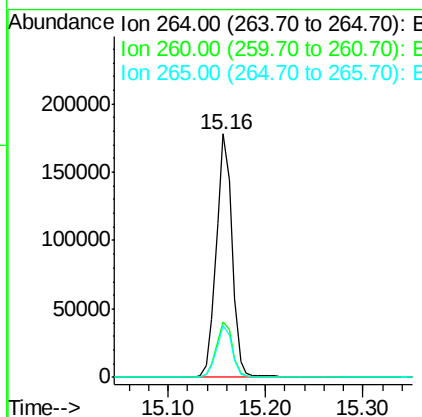
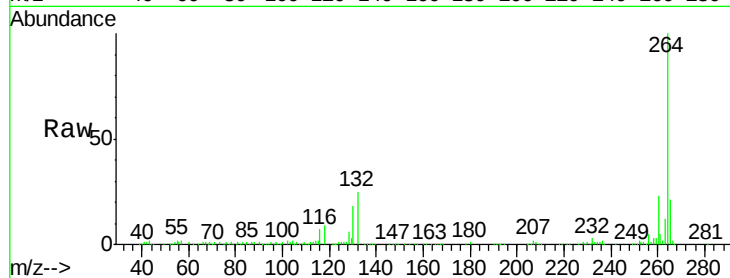
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.1	17.2	25.8

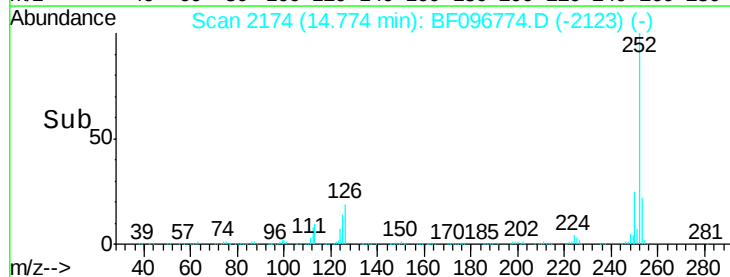
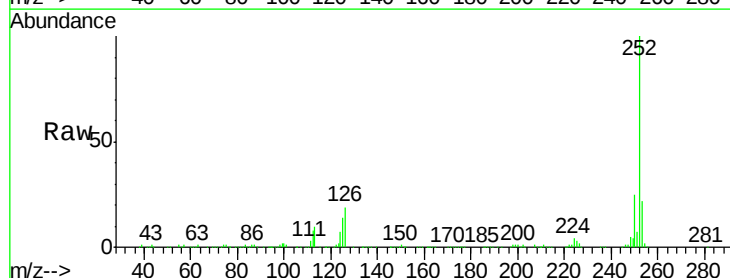
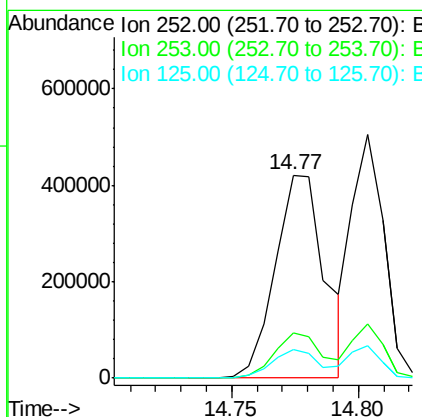
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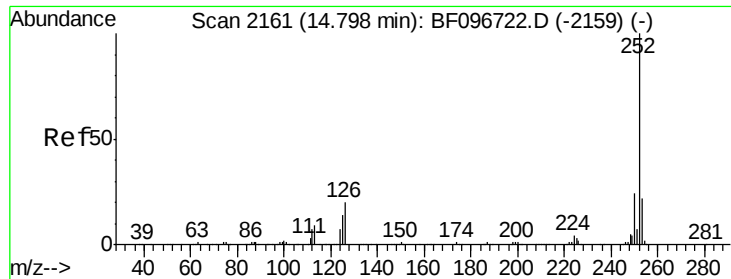
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#87
Benzo(b)fluoranthene
Concen: 47.157 ng
RT: 14.77 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.2	9.8	14.8





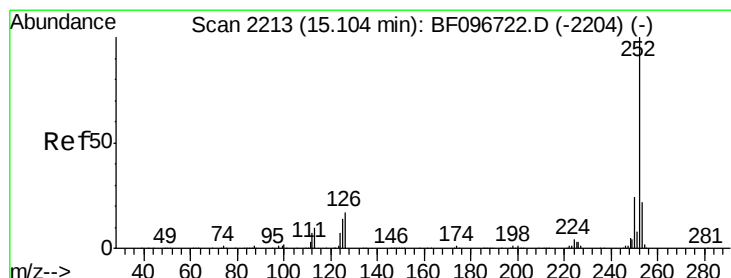
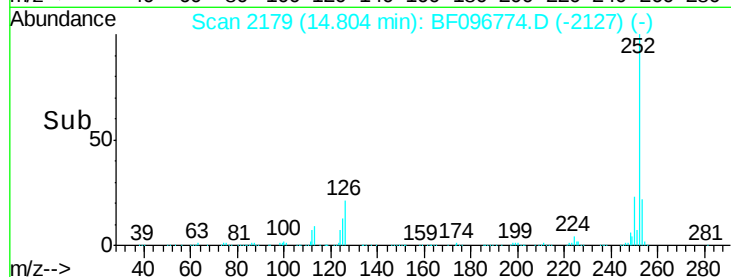
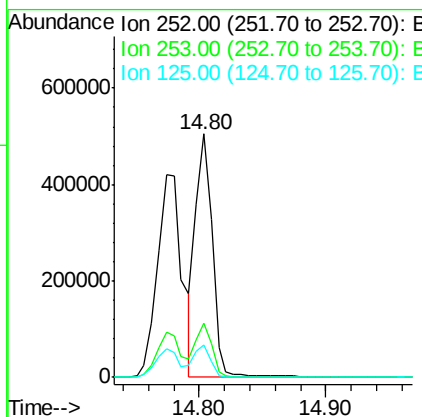
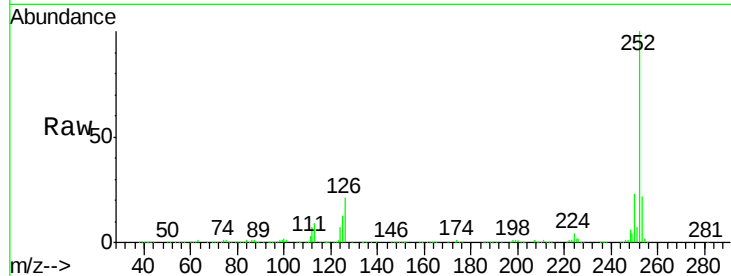
#88
Benzo(k)fluoranthene
Concen: 39.854 ng
RT: 14.80 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	13.5	13.1	19.7

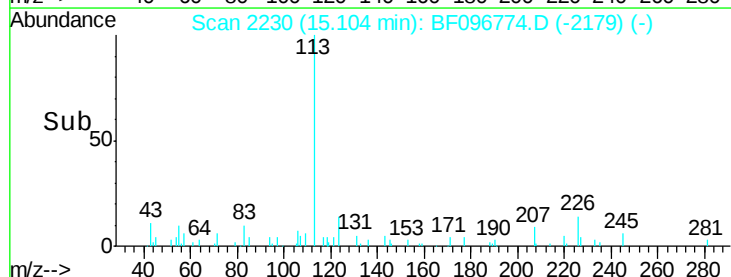
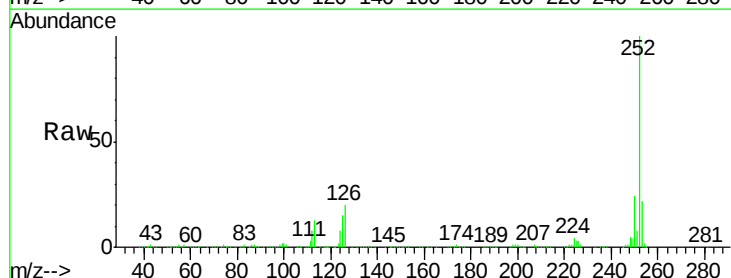
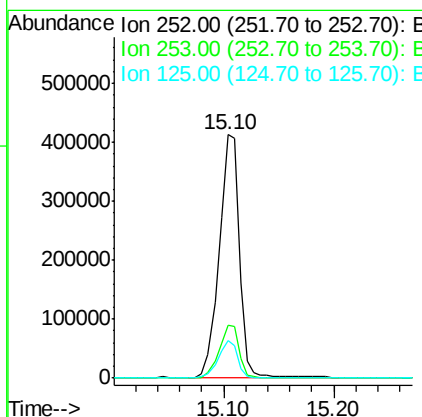
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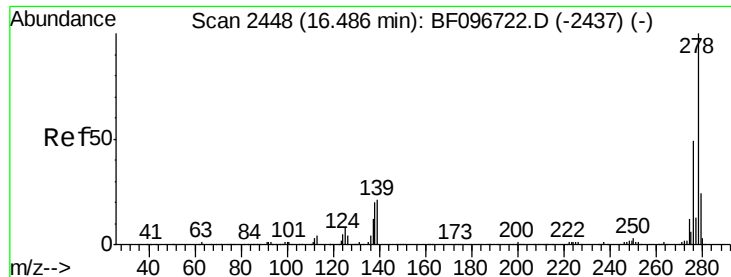
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#89
Benzo(a)pyrene
Concen: 47.353 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	15.4	11.0	16.4





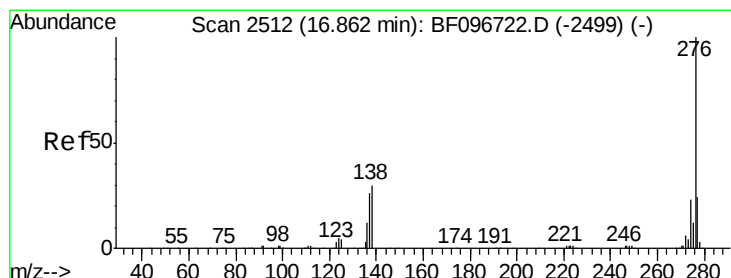
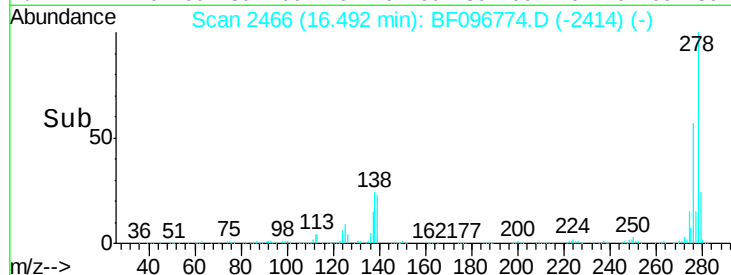
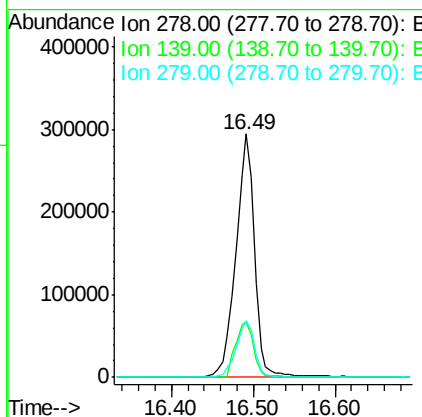
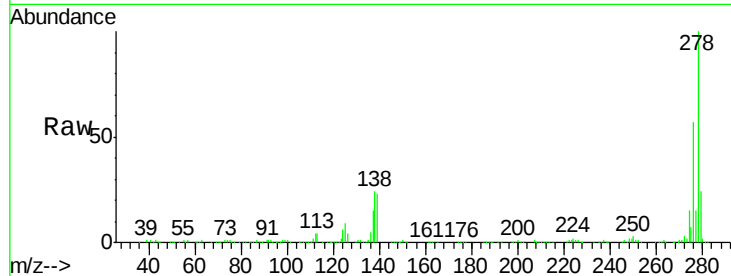
#90
Dibenzo(a,h)anthracene
Concen: 46.156 ng
RT: 16.49 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Instrument :
BNA_F
ClientSampleId :
E2-05-ESWMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	23.6	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 45.456 ng
RT: 16.87 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF096774.D
Acq: 14 Jul 2017 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	33.5	25.4	38.0

