

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104278.D
 Acq On : 5 Apr 2018 19:15
 Operator : JU/SJ
 Sample : J2183-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Manual Integrations
 APPROVED

Sohil
 4/6/2018 11:57:52 AM

Quant Time: Apr 06 01:33:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	128574	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	562306	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	260511	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	478462	20.00	ng	0.00
75) Chrysene-d12	14.14	240	356917	20.00	ng	0.00
86) Perylene-d12	15.67	264	309582	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1035671	128.46	ng	0.00
7) Phenol-d6	6.59	99	1288526	129.90	ng	-0.01
23) Nitrobenzene-d5	7.52	82	826161	89.85	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	372277	128.34	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1416913	85.77	ng	0.00
78) Terphenyl-d14	13.06	244	1406741	91.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	126419	36.356	ng	# 85
3) Pyridine	3.67	79	241624	27.448	ng	# 82
4) n-Nitrosodimethylamine	3.64	42	55257	21.118	ng	# 77
6) Aniline	6.63	93	270080	22.745	ng	# 75
8) 2-Chlorophenol	6.74	128	443573	50.156	ng	97
9) Benzaldehyde	6.53	77	53361	7.902	ng	97
10) Phenol	6.60	94	626642	57.017	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	455132	48.057	ng	90
12) 1,3-Dichlorobenzene	6.89	146	417847	42.031	ng	98
13) 1,4-Dichlorobenzene	6.96	146	497951	46.746	ng	98
14) 1,2-Dichlorobenzene	7.12	146	429364	44.845	ng	98
15) Benzyl Alcohol	7.10	79	270348m	41.919	ng	
16) 2,2'-oxybis(1-Chloropropan	7.21	45	474859	46.023	ng	# 45
17) 2-Methylphenol	7.20	107	338073	46.967	ng	# 78
18) Hexachloroethane	7.45	117	158763	44.515	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	288295	48.975	ng	89
20) 3+4-Methylphenols	7.36	107	405489	44.139	ng	# 51
22) Acetophenone	7.36	105	596577	43.850	ng	99
24) Nitrobenzene	7.54	77	378786	39.154	ng	96
25) Isophorone	7.76	82	829711	48.965	ng	99
26) 2-Nitrophenol	7.85	139	236570	46.846	ng	93
27) 2,4-Dimethylphenol	7.88	122	371043	50.946	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	526621	49.587	ng	100
29) 2,4-Dichlorophenol	8.09	162	363811	47.825	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	376206	43.587	ng	99
31) Naphthalene	8.25	128	1313914	47.830	ng	100
32) Benzoic acid	8.02	122	82745	15.509	ng	# 84
33) 4-Chloroaniline	8.33	127	123864	10.695	ng	93
34) Hexachlorobutadiene	8.35	225	190447	40.548	ng	100
35) Caprolactam	8.69	113	93532m	38.777	ng	
36) 4-Chloro-3-methylphenol	8.80	107	385212	47.875	ng	97
37) 2-Methylnaphthalene	8.94	142	808992	44.708	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	368723	46.156	ng	98
40) Hexachlorocyclopentadiene	9.08	237	239504	64.791	ng	98

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Manual Integrations
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Sohil
 4/6/2018 11:57:52 AM

Quant Time: Apr 06 01:33:04 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	217639	43.024	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	272124	44.553	nq	97
45) 1,1'-Biphenyl	9.40	154	1004378	44.921	nq	99
46) 2-Chloronaphthalene	9.43	162	800834	45.407	nq	99
47) 2-Nitroaniline	9.55	65	225606	44.860	nq	98
48) Acenaphthylene	9.85	152	1136950	42.551	nq	99
49) Dimethylphthalate	9.70	163	1050263	51.063	nq	99
50) 2,6-Dinitrotoluene	9.78	165	201877	45.621	nq	93
51) Acenaphthene	10.02	154	645812	41.781	nq	99
52) 3-Nitroaniline	9.97	138	120057	23.602	nq	# 96
53) 2,4-Dinitrophenol	10.07	184	96672	52.128	nq	# 38
54) Dibenzofuran	10.20	168	980863	43.455	nq	96
55) 4-Nitrophenol	10.15	139	181127	59.385	nq	95
56) 2,4-Dinitrotoluene	10.19	165	256790	45.477	nq	# 89
57) Fluorene	10.54	166	813738	43.704	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	247233	54.028	nq	90
59) Diethylphthalate	10.40	149	855163	43.400	nq	98
60) 4-Chlorophenyl-phenylether	10.52	204	382983	44.785	nq	99
61) 4-Nitroaniline	10.60	138	183866	38.630	nq	94
62) Azobenzene	10.69	77	796800	44.721	nq	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	117689	40.635	nq	81
65) n-Nitrosodiphenylamine	10.65	169	723687	44.661	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	239506	46.789	nq	93
67) Hexachlorobenzene	11.09	284	258488	43.899	nq	# 89
68) Atrazine	11.17	200	228024	45.934	nq	98
69) Pentachlorophenol	11.29	266	242474	74.834	nq	96
70) Phenanthrene	11.51	178	1178802	45.506	nq	99
71) Anthracene	11.56	178	1328755	49.108	nq	99
72) Carbazole	11.72	167	1214407	47.024	nq	100
73) Di-n-butylphthalate	12.02	149	1302685	42.348	nq	99
74) Fluoranthene	12.70	202	1306049	47.432	nq	99
76) Benzidine	12.84	184	280572	27.585	nq	98
77) Pyrene	12.93	202	1282786	49.997	nq	100
79) Butylbenzylphthalate	13.53	149	563277	46.599	nq	98
80) Benzo(a)anthracene	14.13	228	946147	42.366	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	181833	24.598	nq	98
82) Chrysene	14.17	228	1069205	48.880	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	728311	46.632	nq	100
84) Di-n-octyl phthalate	14.70	149	1184992	44.107	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.26	276	859995	37.940	nq	97
87) Benzo(b)fluoranthene	15.22	252	747473	39.673	nq	98
88) Benzo(k)fluoranthene	15.24	252	1007540	56.769	nq	99
89) Benzo(a)pyrene	15.61	252	827707	47.407	nq	99
90) Dibenzo(a,h)anthracene	17.27	278	703711	43.593	nq	98
91) Benzo(g,h,i)perylene	17.74	276	705468	43.631	nq	96

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



#1

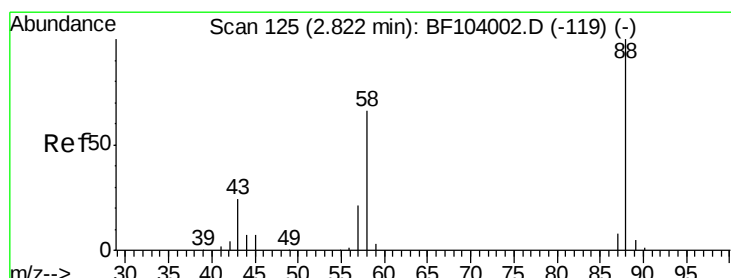
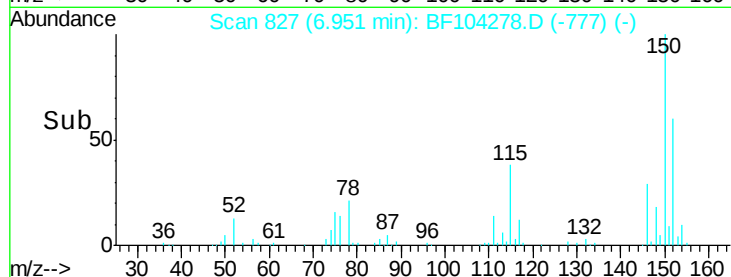
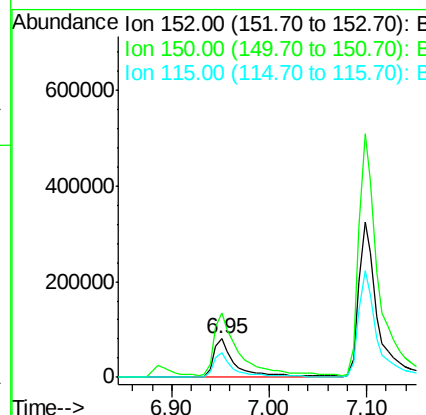
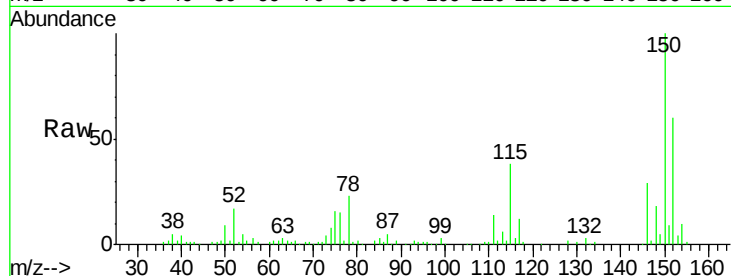
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.4	124.6	186.8
115	63.5	50.1	75.1

Manual Integrations
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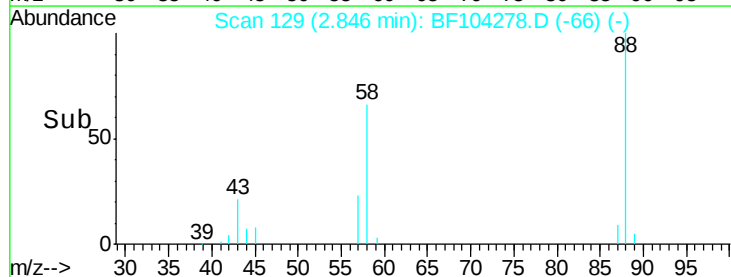
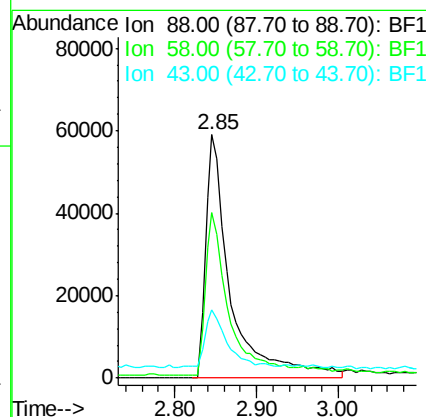
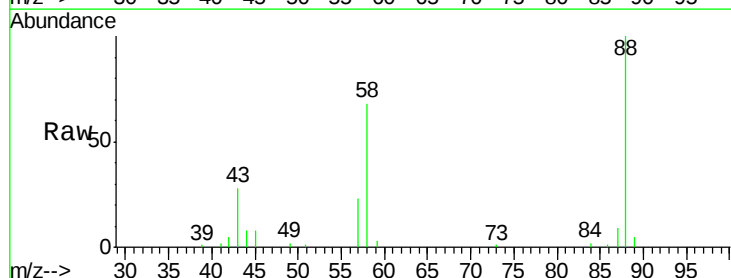
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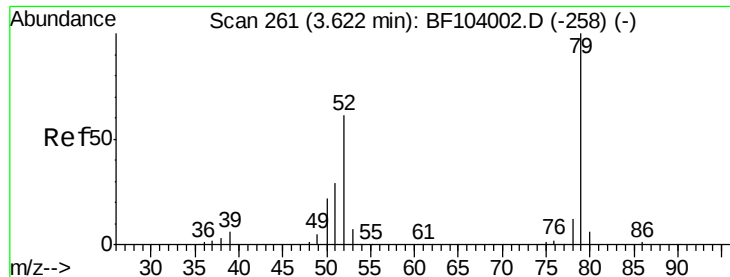


#2

1,4-Dioxane
Concen: 36.356 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.07 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.7	62.6	93.8
43	21.1	24.6	37.0





#3

Pvridine

Concen: 27.448 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.06 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

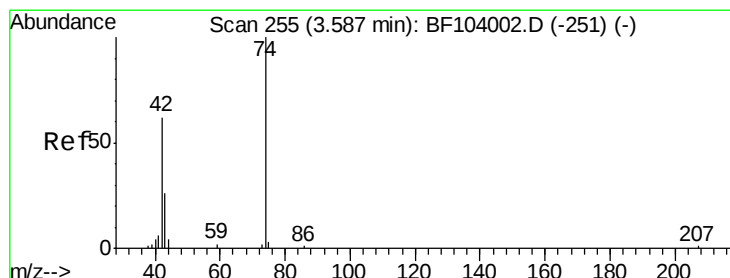
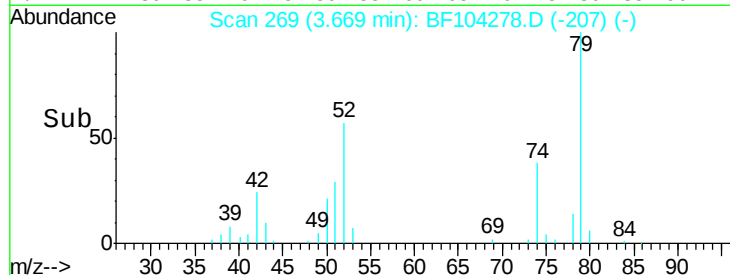
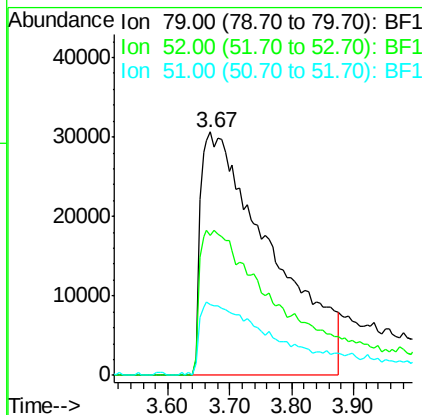
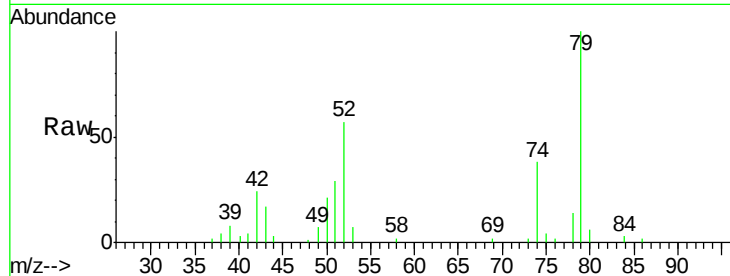
ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:	79	Resp:	241624
Ion Ratio	Lower	Upper	
79	100		
52	57.5	59.8	89.6#
51	29.1	29.8	44.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 21.118 ng

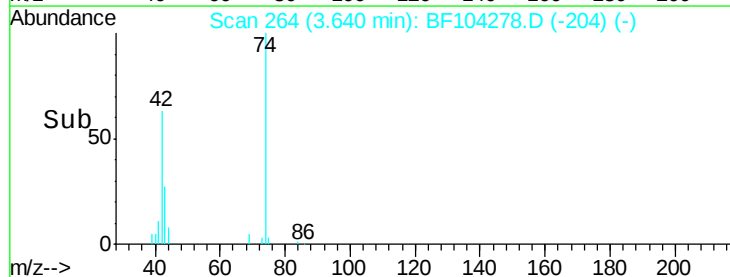
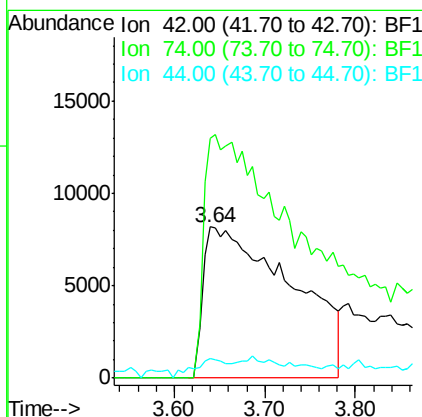
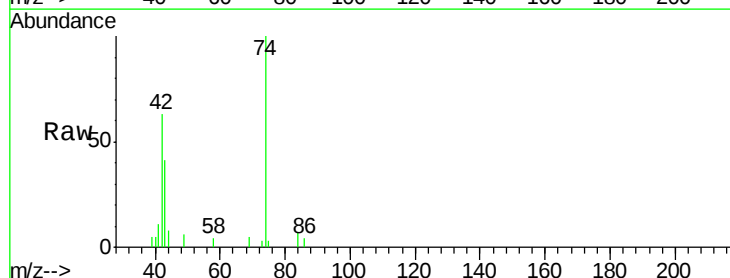
RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Tgt Ion:	42	Resp:	55257
Ion Ratio	Lower	Upper	
42	100		
74	158.5	104.9	157.3#
44	13.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 128.458 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion: 112 Resp: 1035671

Ion Ratio Lower Upper

112 100

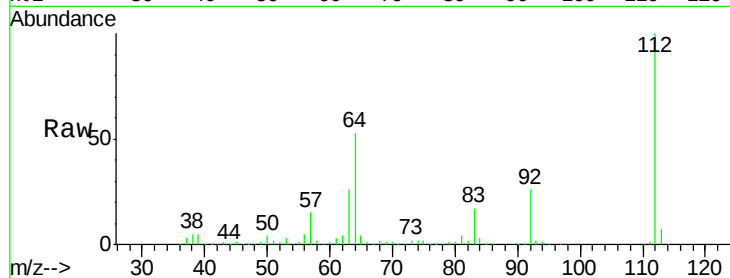
64 53.2 47.9 71.9

63 26.4 23.7 35.5

Manual Integrations
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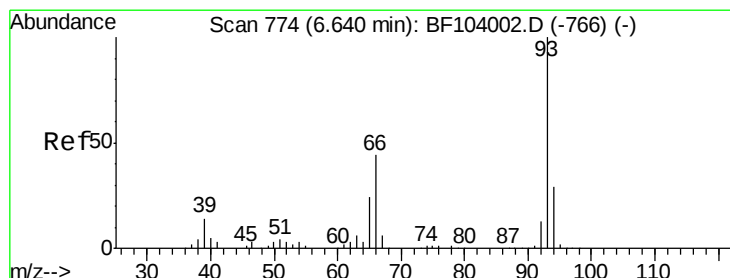
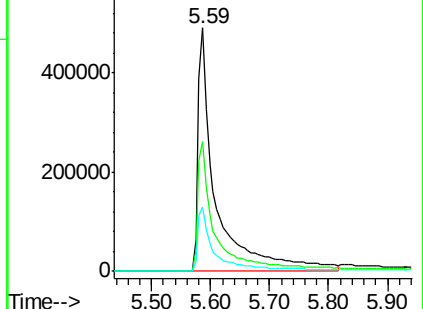
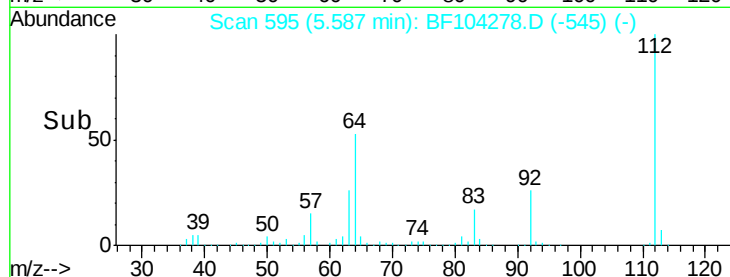
4/6/2018 11:57:52 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.745 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

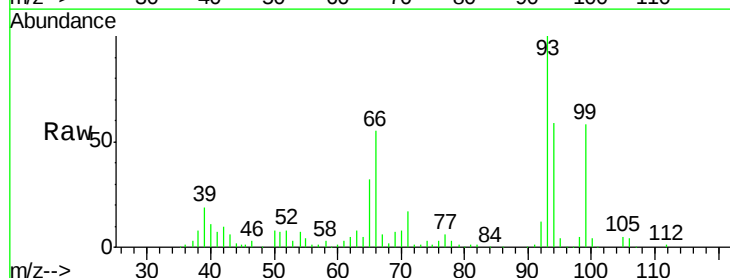
Tgt Ion: 93 Resp: 270080

Ion Ratio Lower Upper

93 100

66 55.5 32.2 48.2#

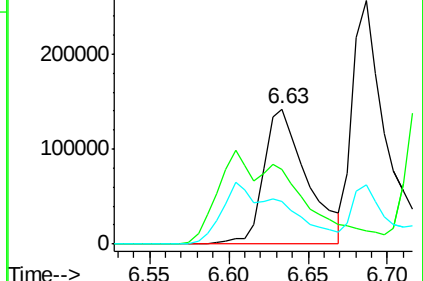
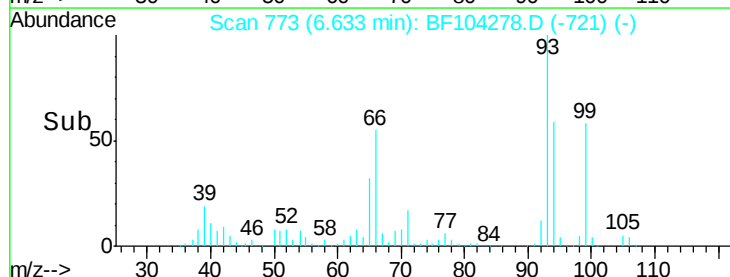
65 31.9 16.4 24.6#

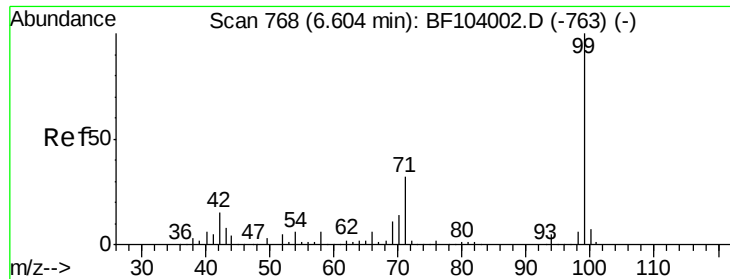


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.903 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion: 99 Resp: 1288526

Ion Ratio Lower Upper

99 100

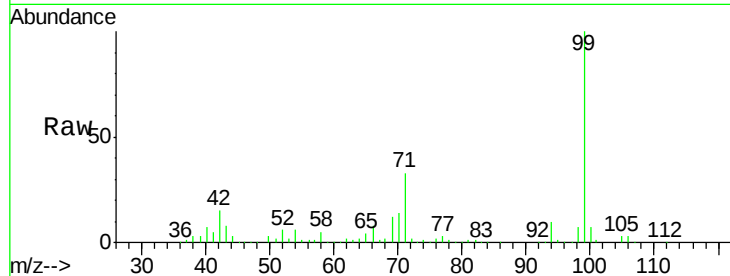
42 15.1 14.5 21.7

71 32.7 25.4 38.0

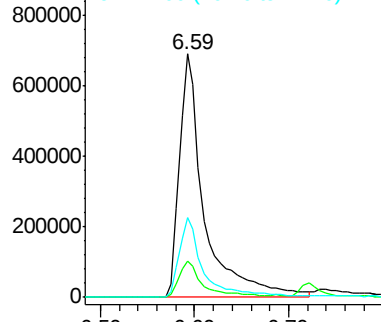
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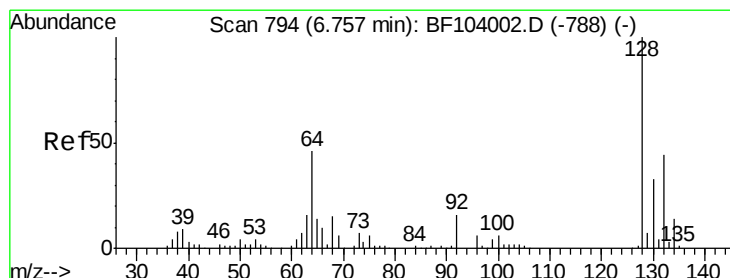
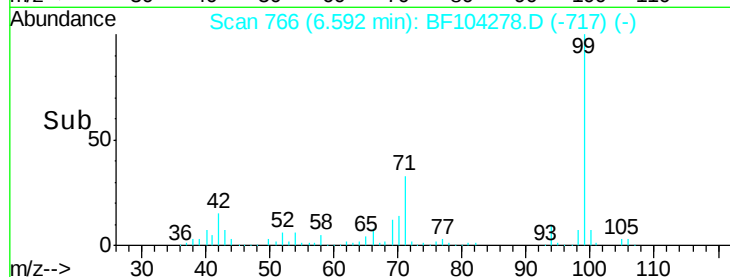
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 50.156 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

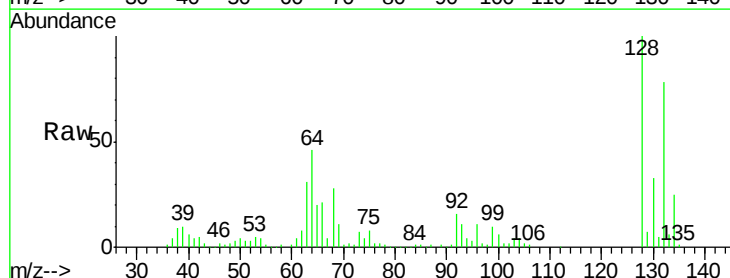
Tgt Ion:128 Resp: 443573

Ion Ratio Lower Upper

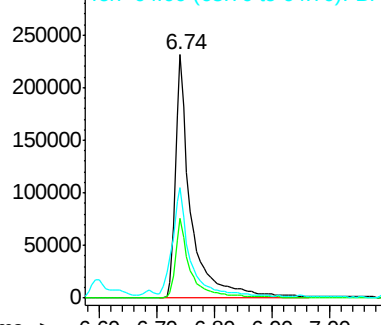
128 100

130 32.8 13.0 53.0

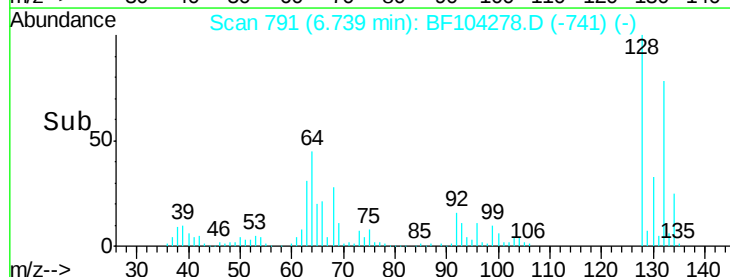
64 45.6 29.4 69.4

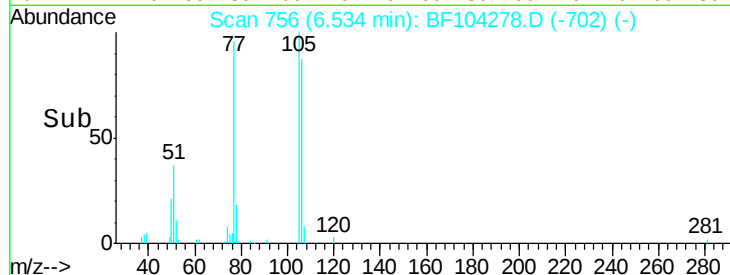
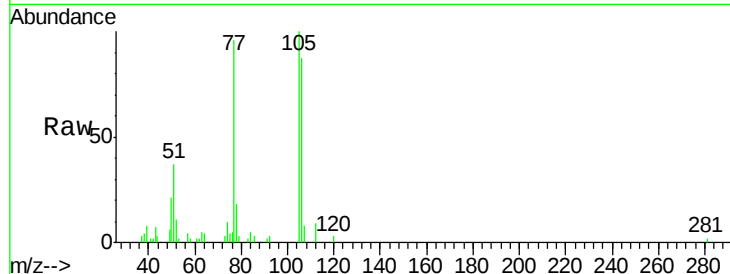
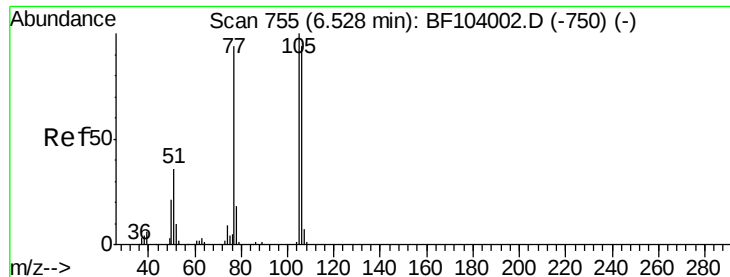


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





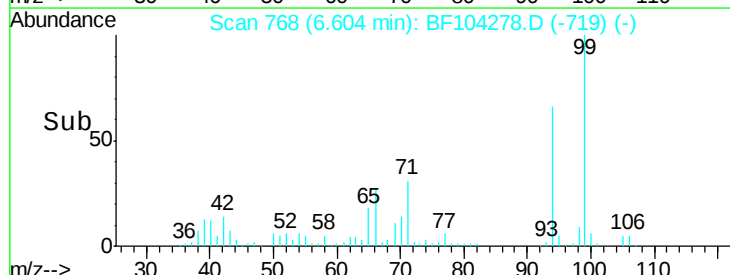
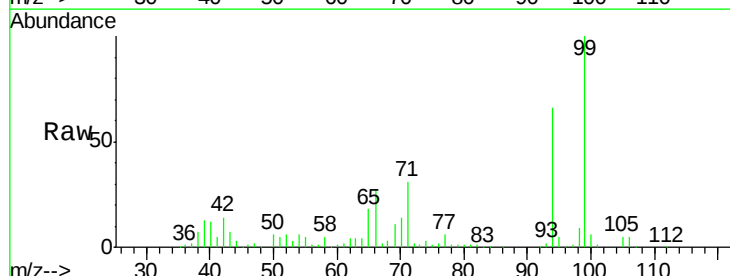
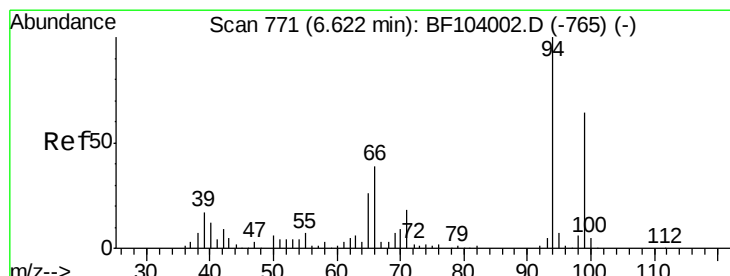
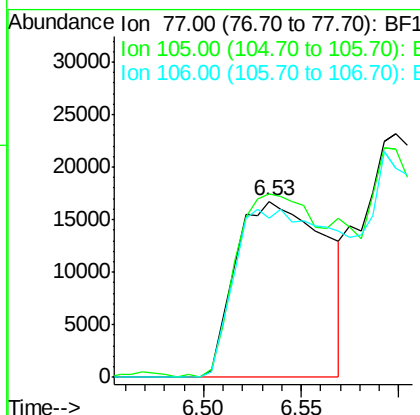
#9
Benzaldehyde
Concen: 7.902 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.02 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	104.0	81.1	121.1	
106	90.7	74.5	114.5	

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

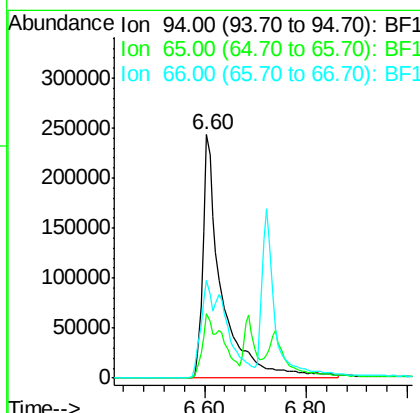
Manual Integrations
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#10
Phenol
Concen: 57.017 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.7	7.9	47.9	
66	40.3	16.2	56.2	





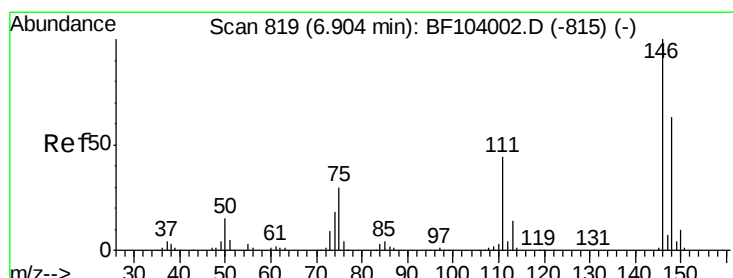
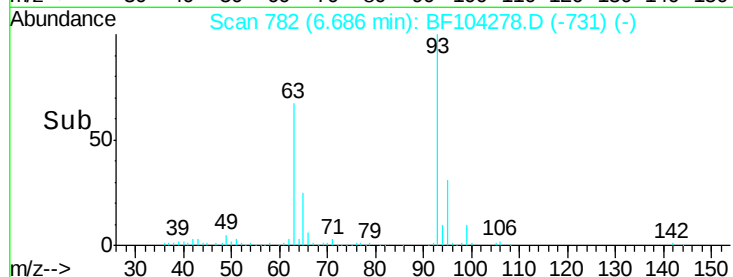
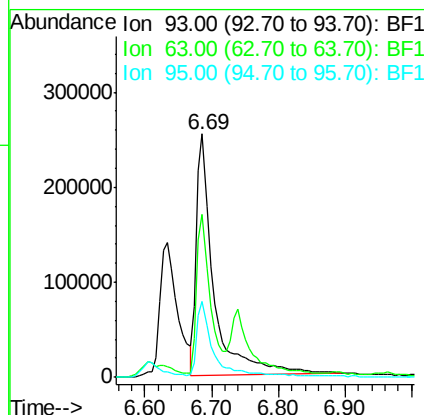
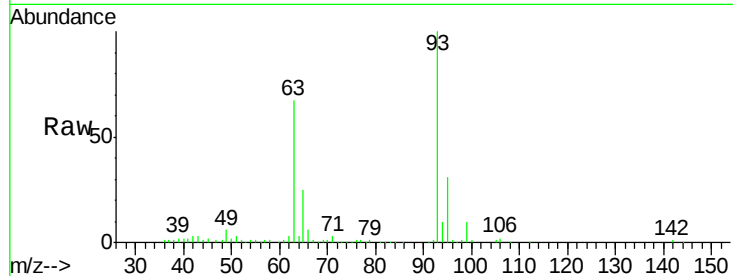
#11
bis(2-Chloroethyl)ether
Concen: 48.057 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion:	93	Resp:	455132
Ion Ratio	Lower	Upper	
93	100		
63	67.1	58.6	98.6
95	31.2	11.8	51.8

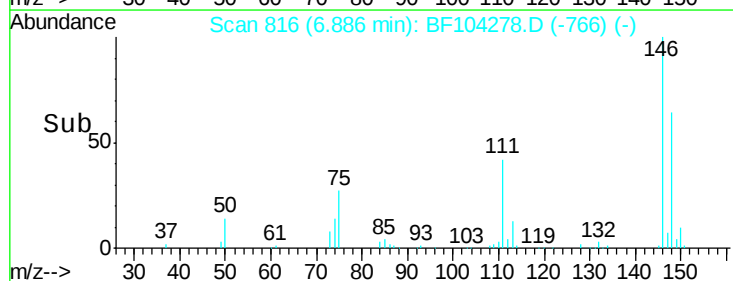
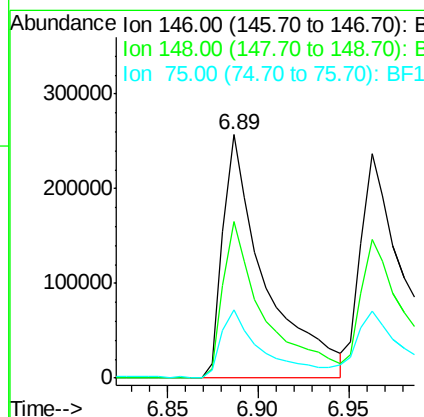
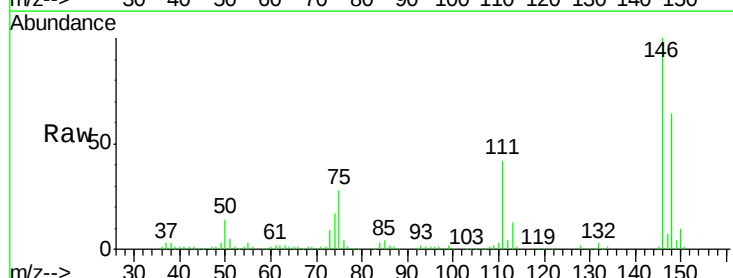
Manual Integrations
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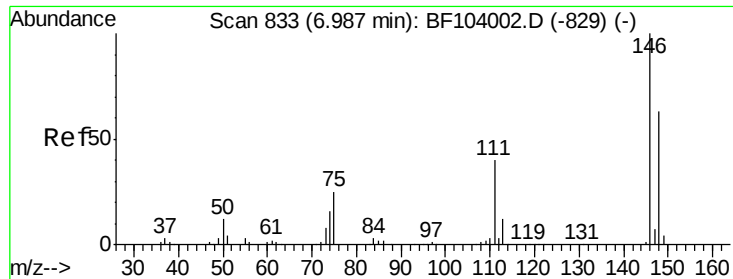
Sohil
4/6/2018 11:57:52 AM



#12
1,3-Dichlorobenzene
Concen: 42.031 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion:	146	Resp:	417847
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	27.9	24.2	36.4





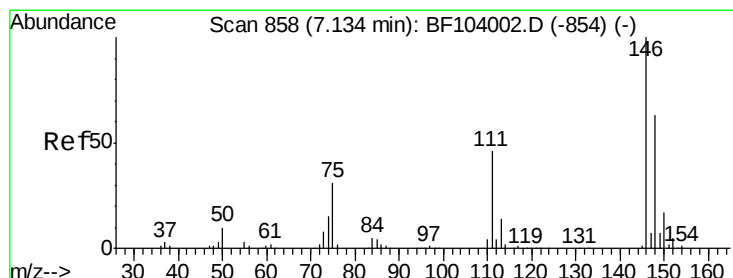
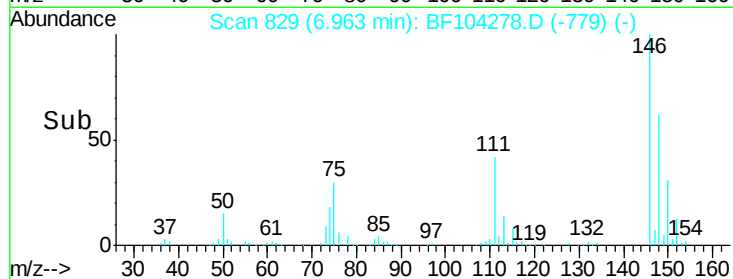
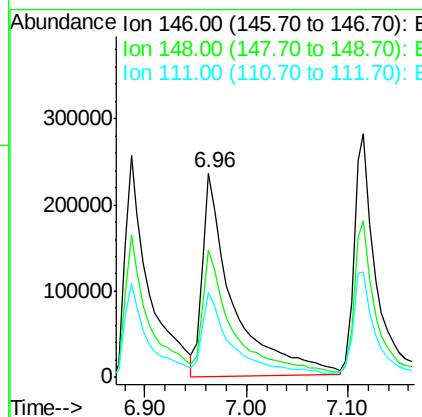
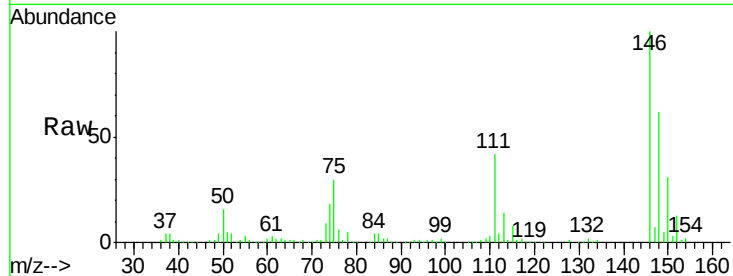
#13
 1,4-Dichlorobenzene
 Concen: 46.746 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.8	76.2
111	41.9	34.2	51.2

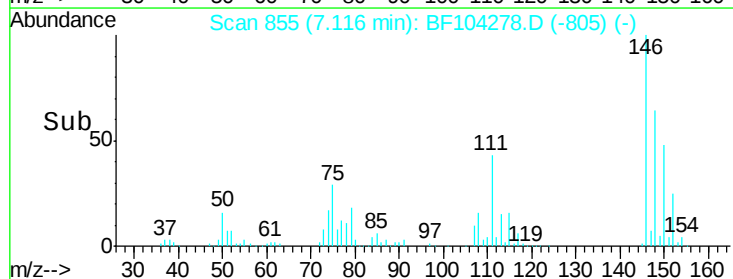
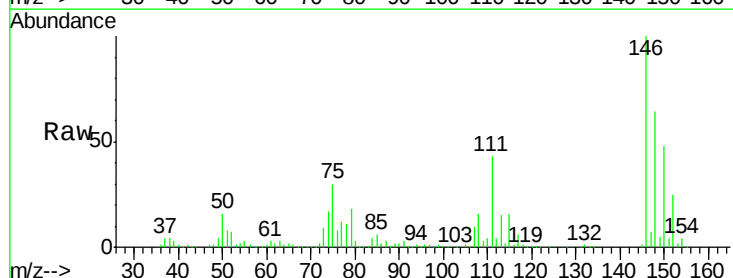
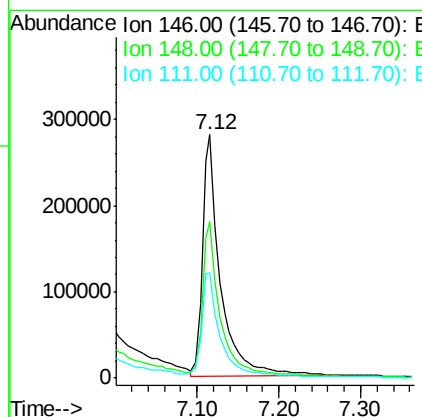
Manual Integrations
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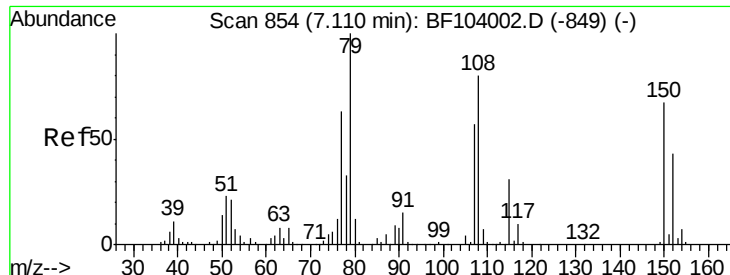
Sohil
 4/6/2018 11:57:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.845 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	43.3	36.0	54.0





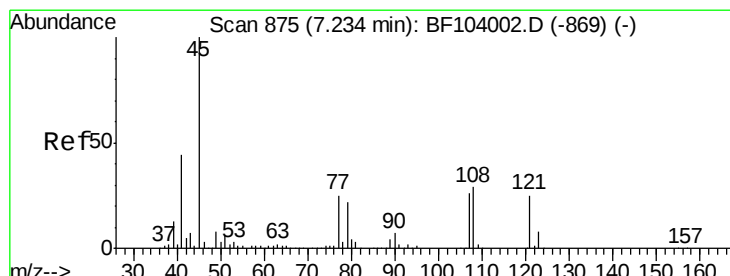
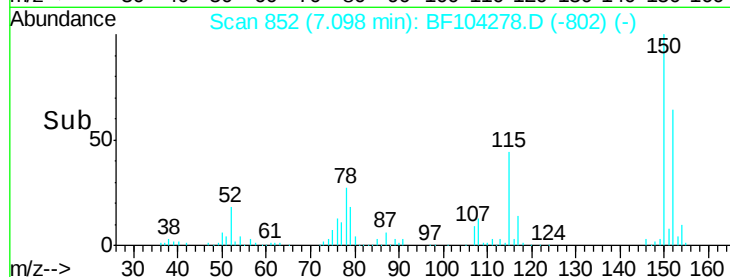
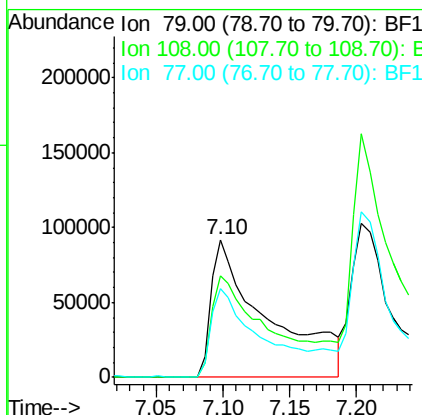
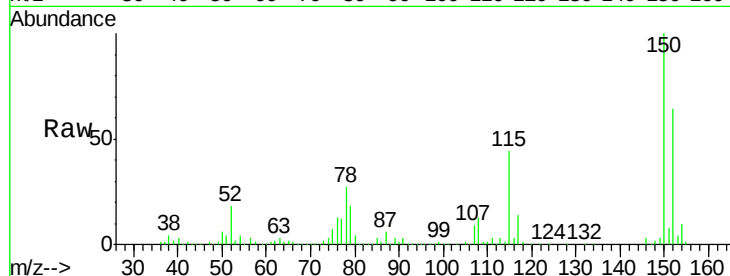
#15
Benzyl Alcohol
Concen: 41.919 ng/ml
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.8	65.1	97.7
77	64.6	50.6	75.8

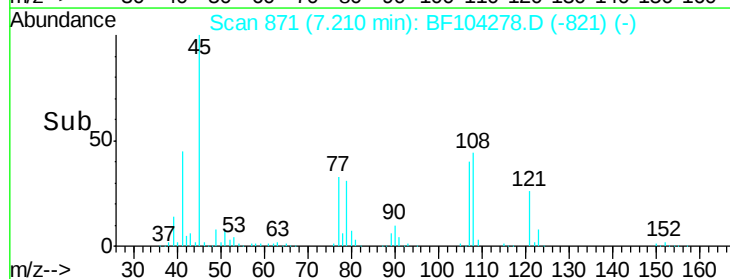
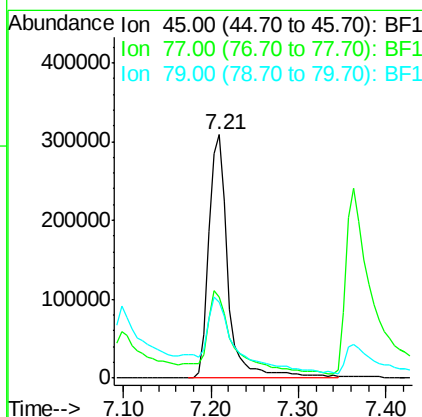
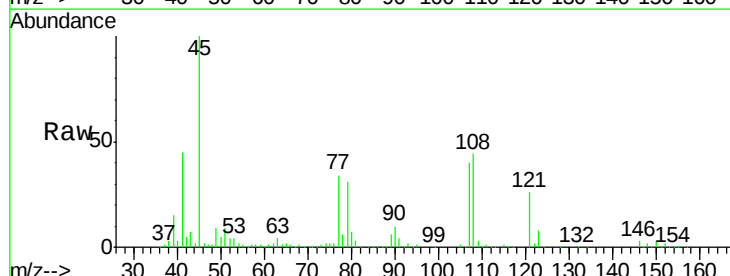
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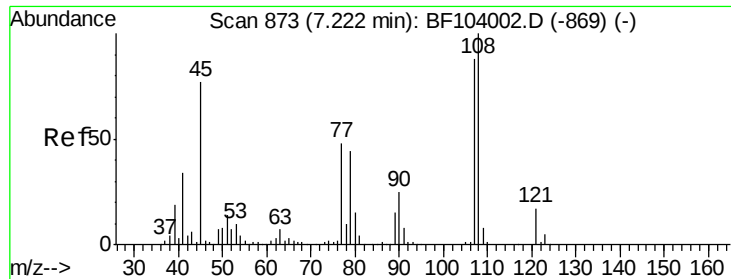
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.023 ng/ml
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.5	0.0	32.9#
79	31.4	0.0	29.6#





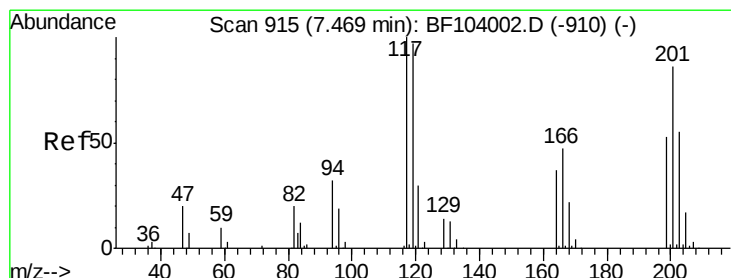
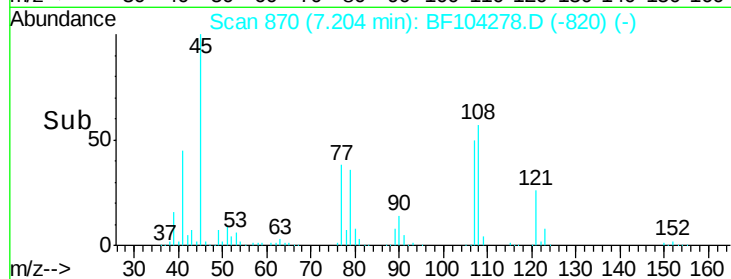
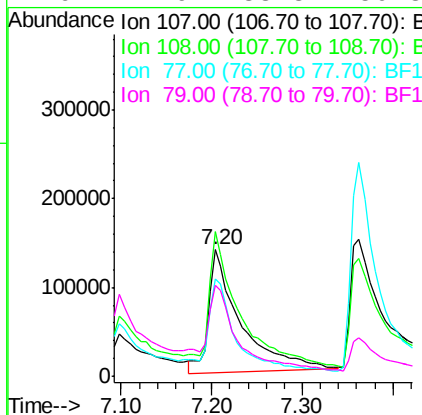
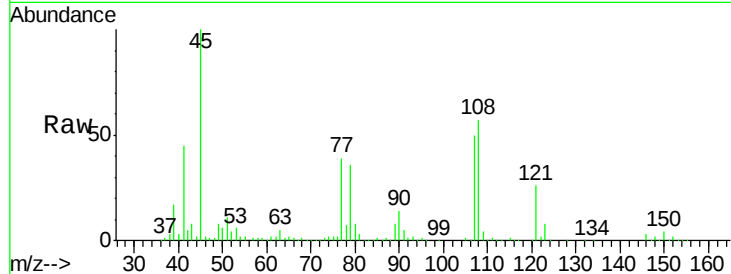
#17
2-Methylphenol
Concen: 46.967 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.7	137.5
77	77.3	33.8	50.8#
79	71.9	33.8	50.8#

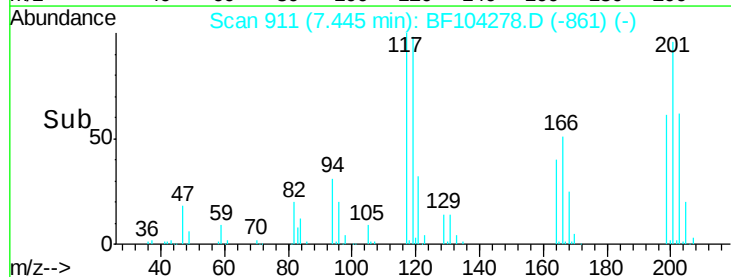
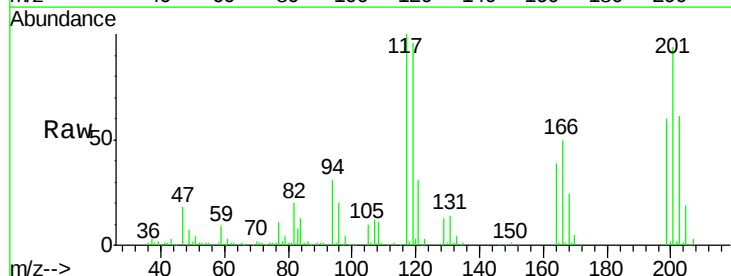
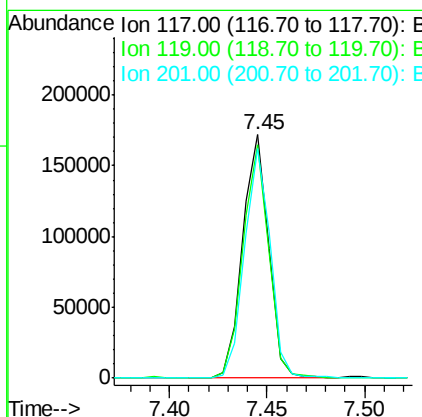
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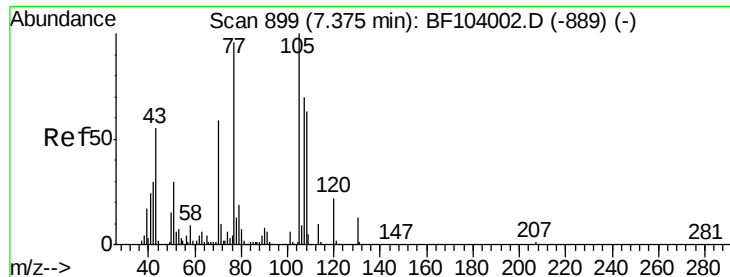
Sohil
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#18
Hexachloroethane
Concen: 44.515 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	94.2	75.7	113.5





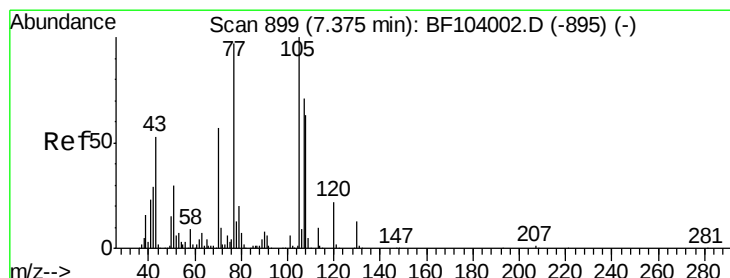
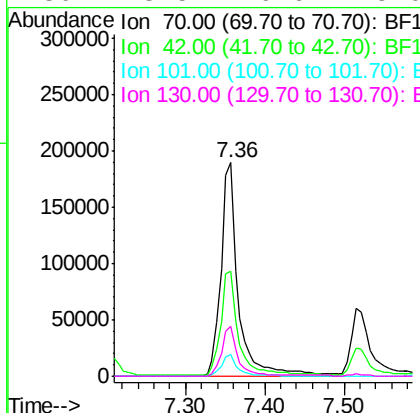
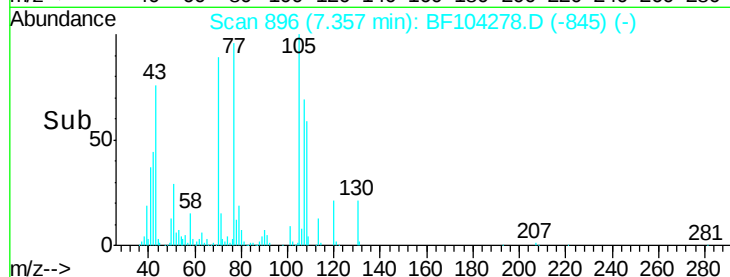
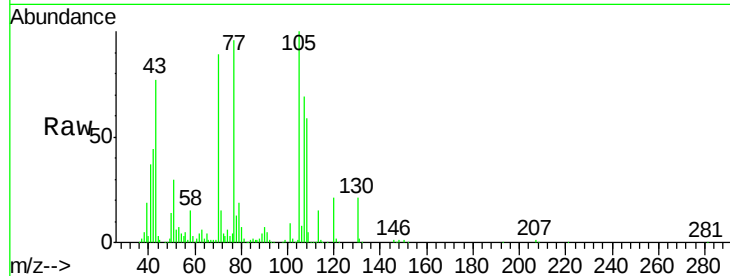
#19
n-Nitroso-di-n-propylamine
Concen: 48.975 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	10.2	7.4	11.2
130	23.5	16.6	25.0

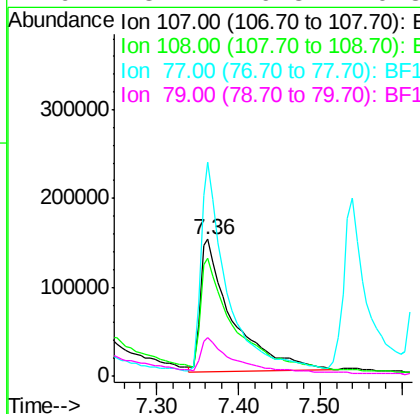
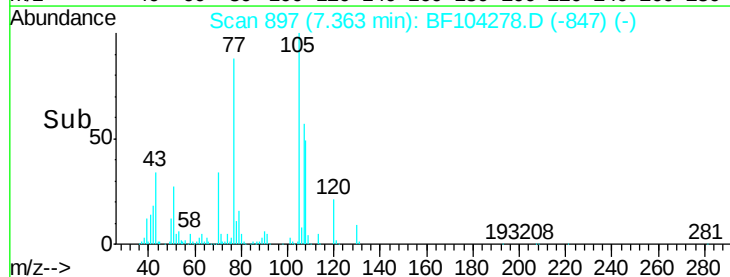
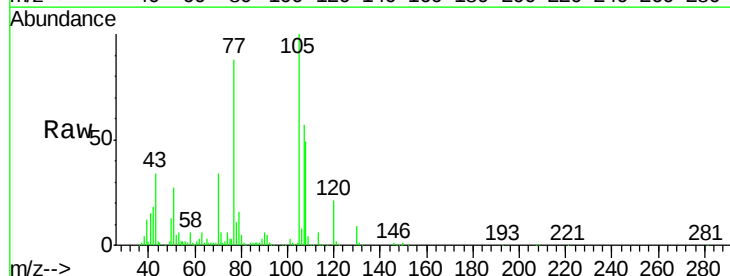
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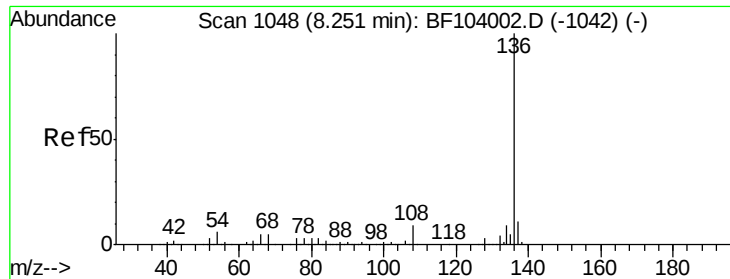
Sohil
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#20
3+4-Methylphenols
Concen: 44.139 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.2	108.2
77	156.1	26.7	66.7#
79	28.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

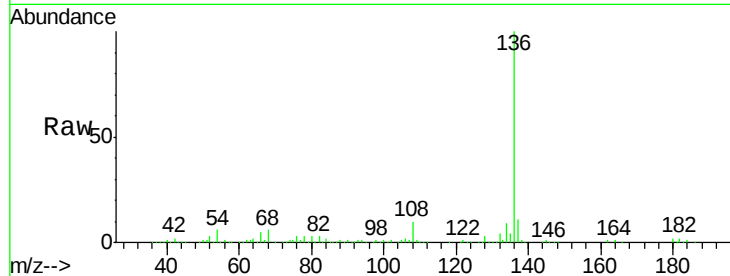
ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		562306		
137	10.7		8.9	13.3	
54	6.5		6.6	9.8	
68	5.9		5.0	7.4	

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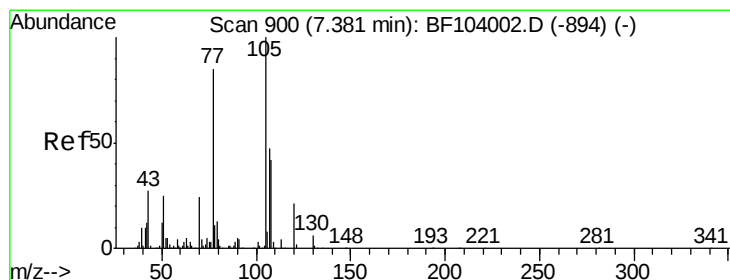
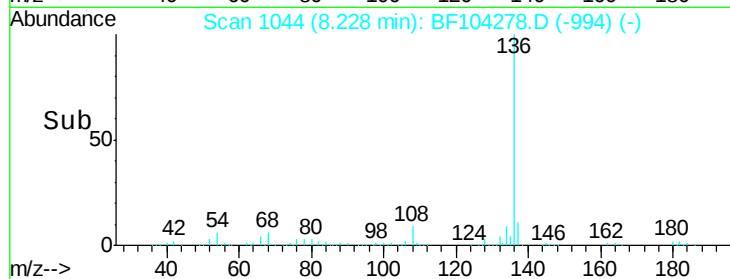
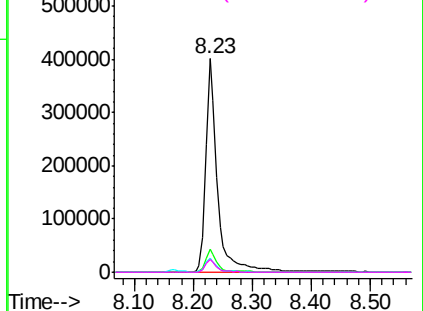
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.850 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		596577		
71	5.7		4.4	6.6	
51	27.2		22.3	33.5	
120	20.7		16.9	25.3	

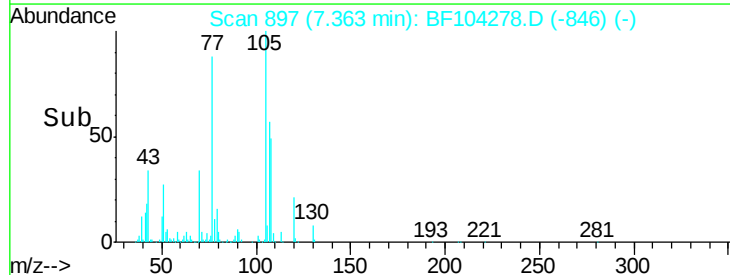
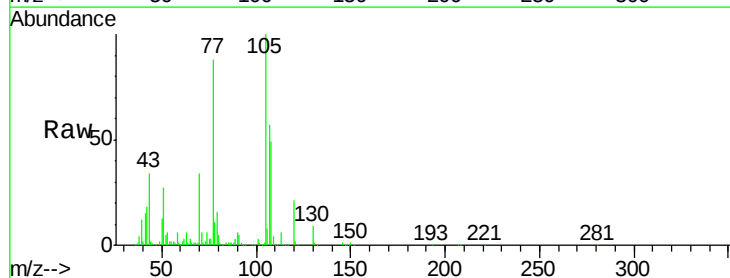
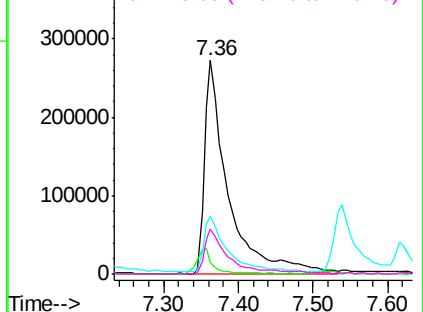
Abundance

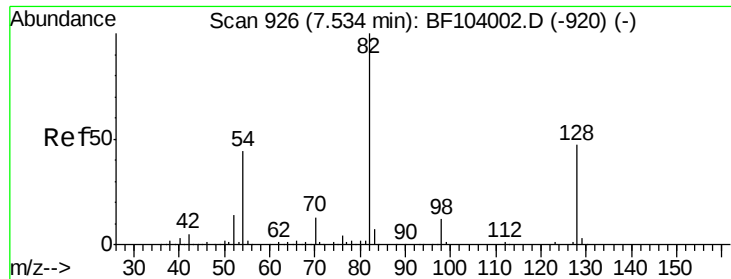
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





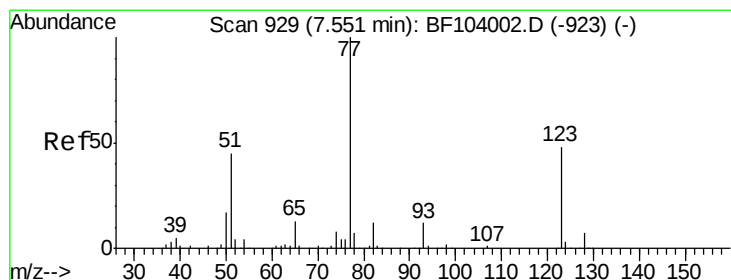
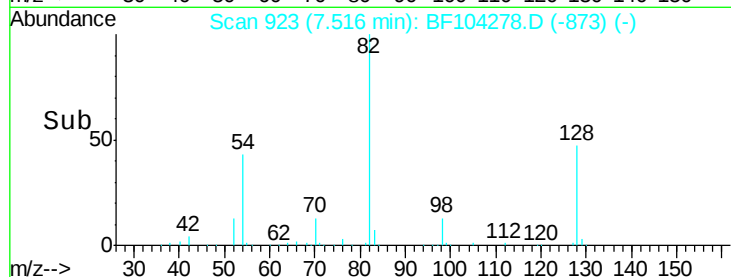
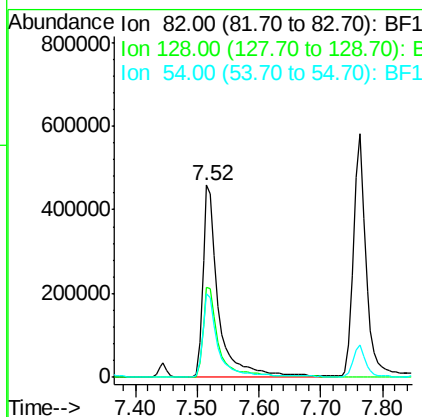
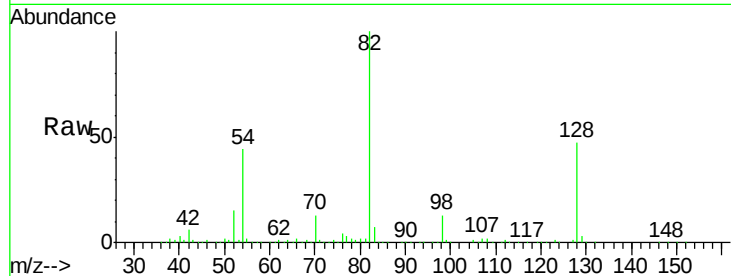
#23
Nitrobenzene-d5
Concen: 89.852 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	43.8	41.4	62.2

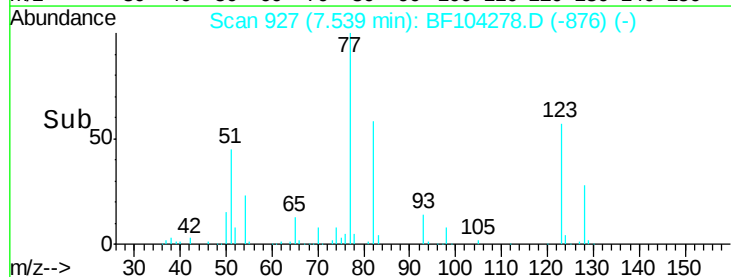
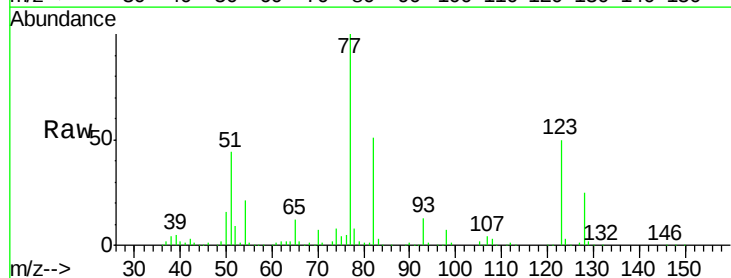
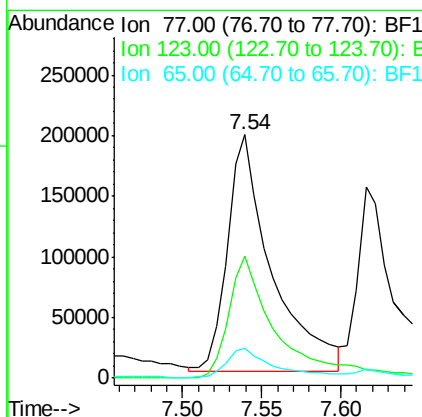
Manual Integrations
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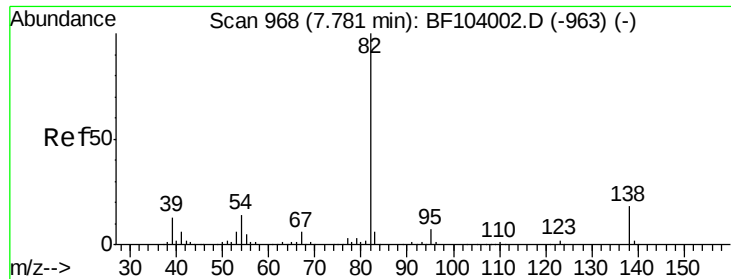
Sohil
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#24
Nitrobenzene
Concen: 39.154 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.9	56.9
65	12.5	11.0	16.4





#25

Isophorone

Concen: 48.965 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

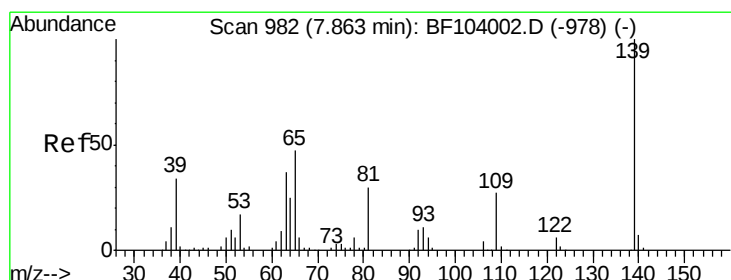
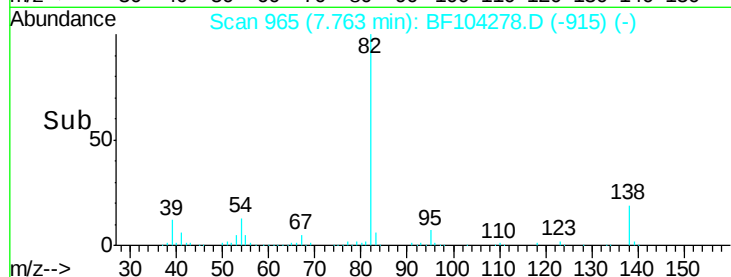
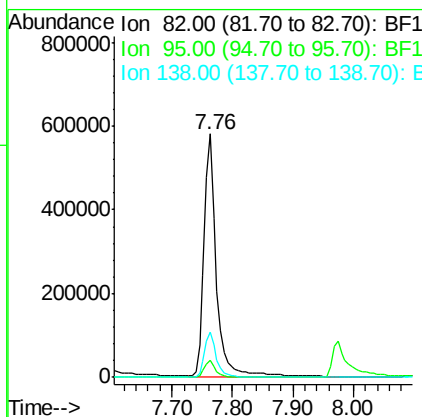
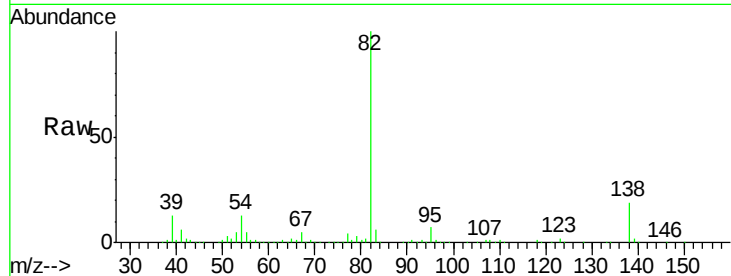
ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:	82	Resp:	829711
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.846 ng

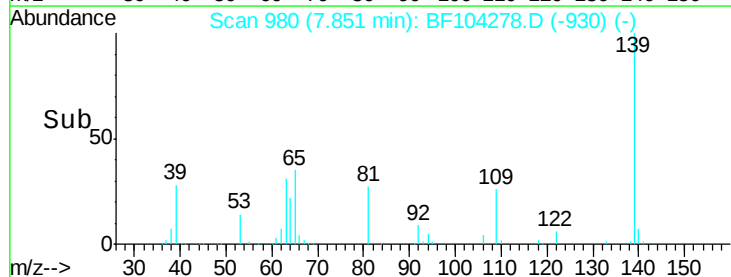
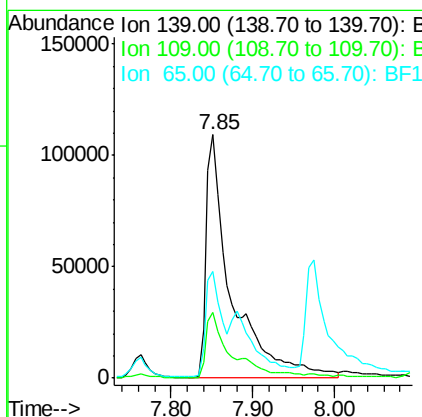
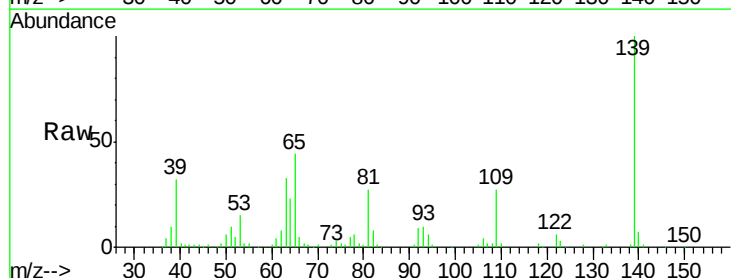
RT: 7.85 min Scan# 980

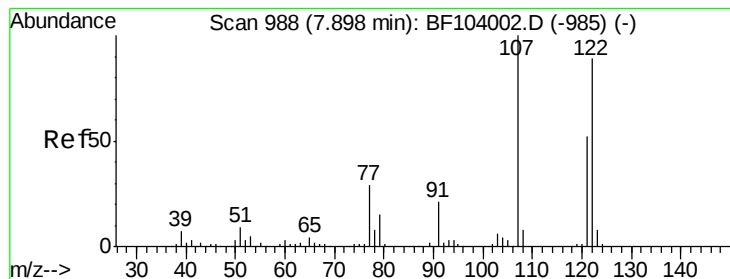
Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Tgt Ion:	139	Resp:	236570
Ion Ratio	Lower	Upper	
139	100		
109	27.0	22.7	34.1
65	44.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 50.946 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:122 Resp: 371043

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

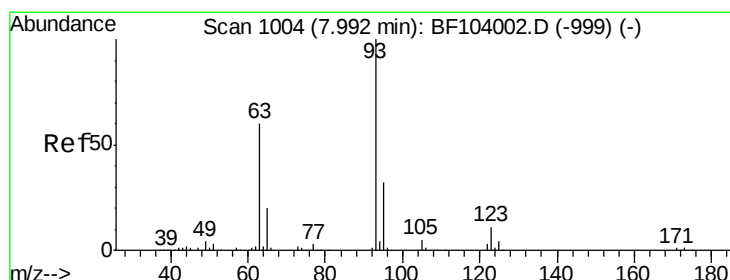
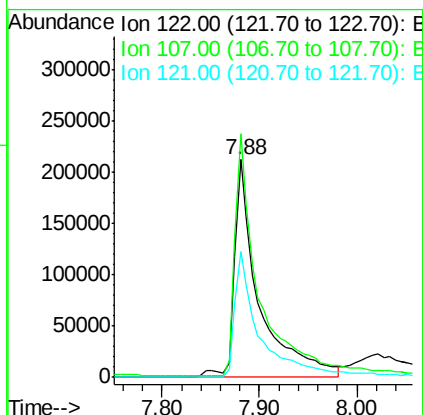
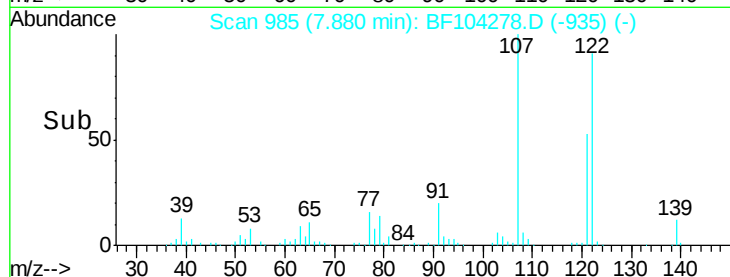
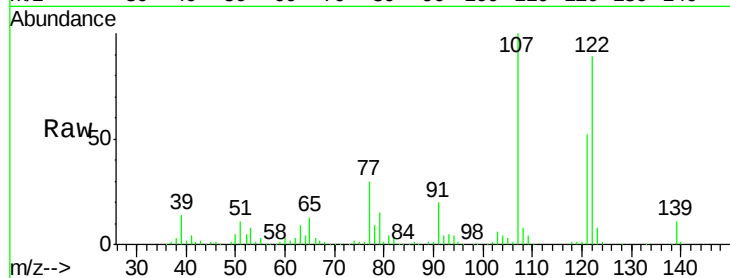
121 57.6 47.2 70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.587 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

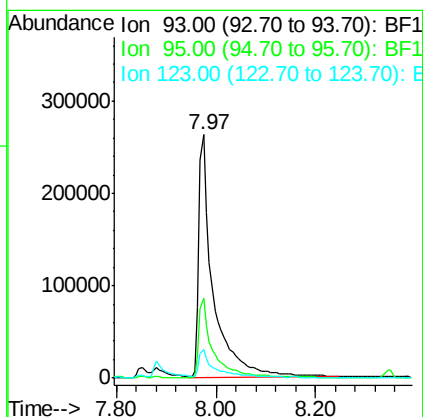
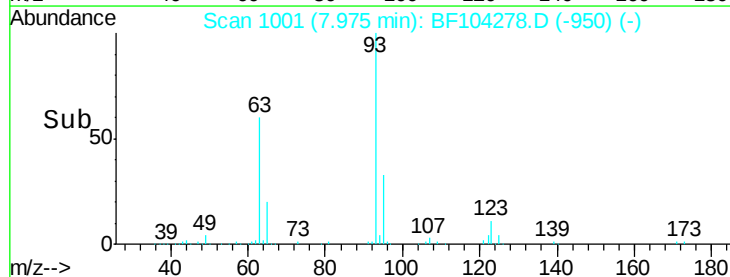
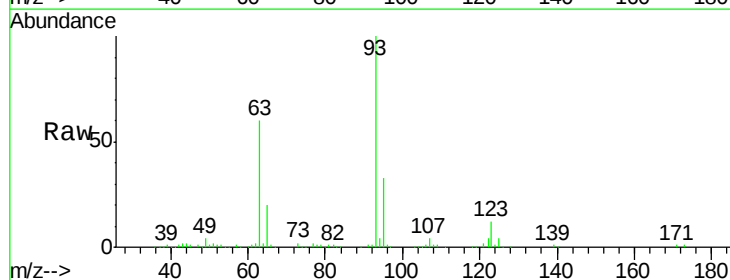
Tgt Ion: 93 Resp: 526621

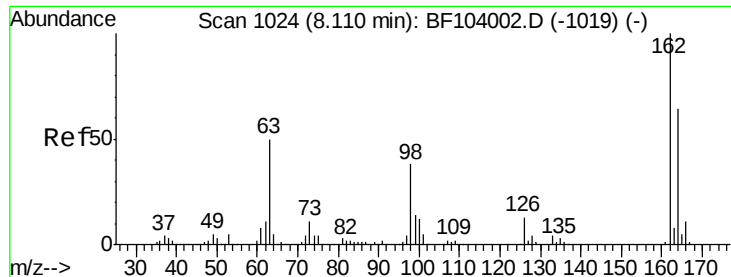
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 11.8 9.8 14.6





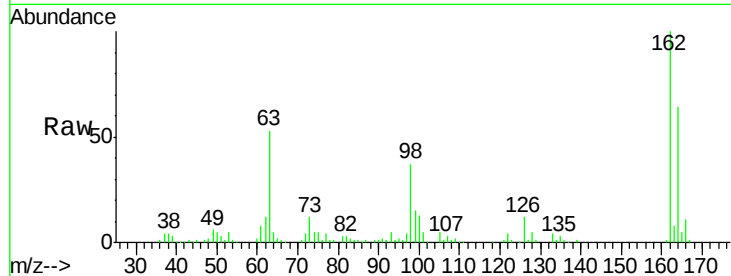
#29
2,4-Dichlorophenol
Concen: 47.825 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	36.8	18.1	58.1

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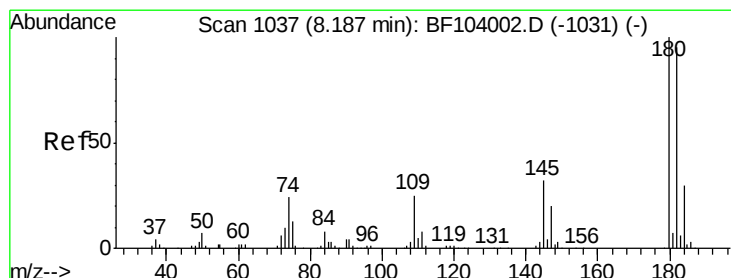
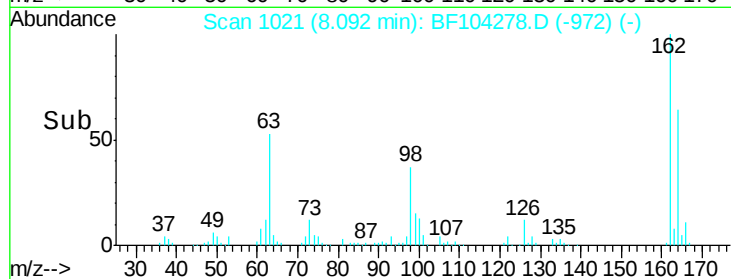
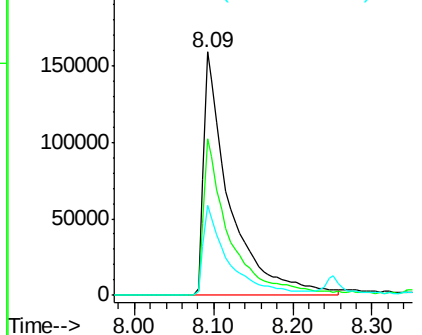


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.587 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

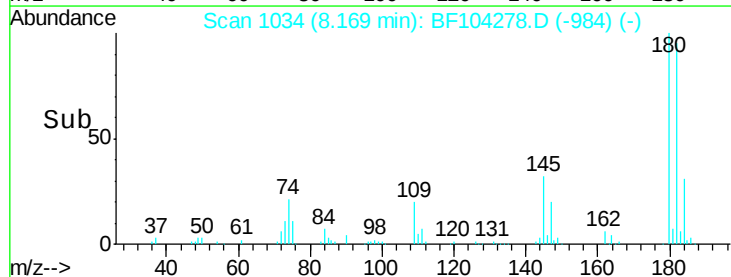
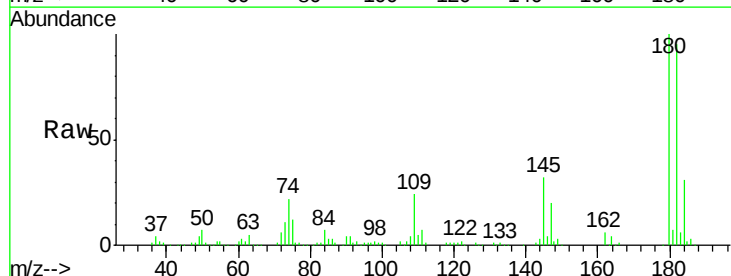
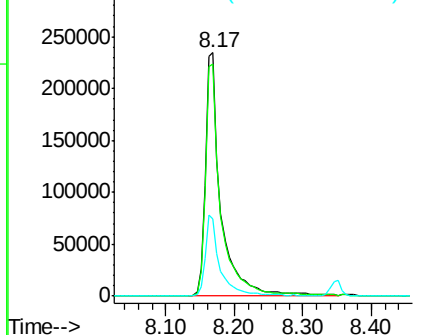
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	31.7	26.5	39.7

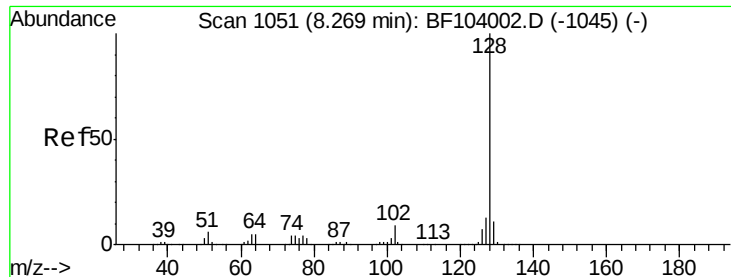
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





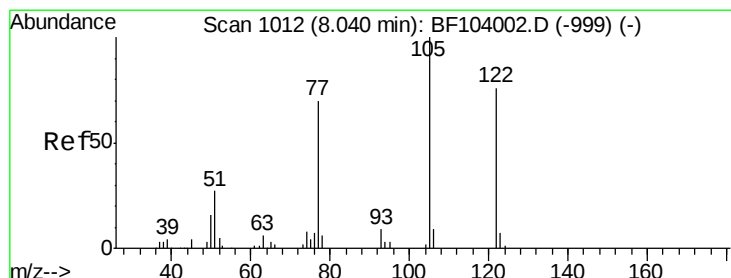
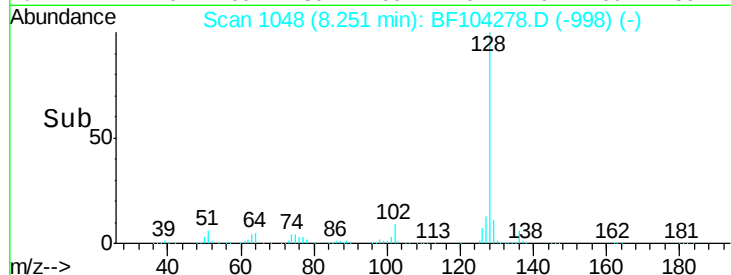
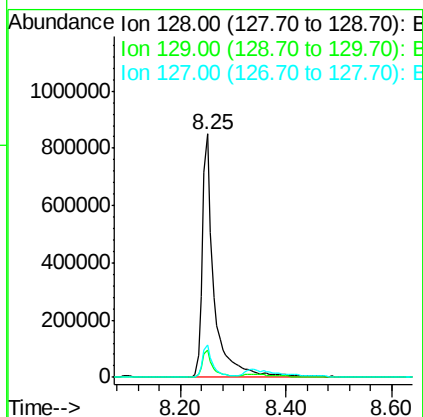
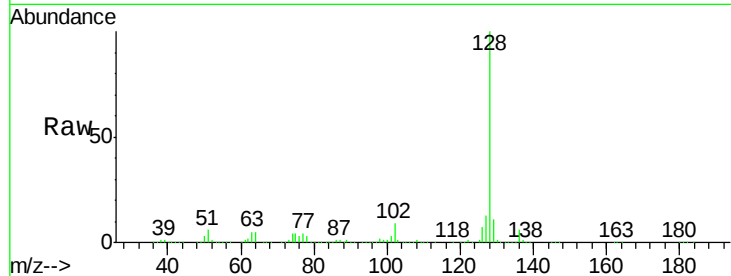
#31
Naphthalene
Concen: 47.830 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion:128 Resp: 1313914
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

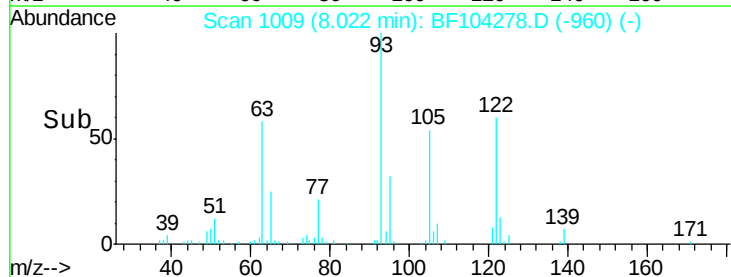
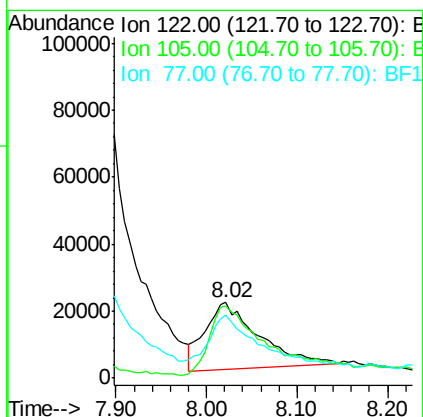
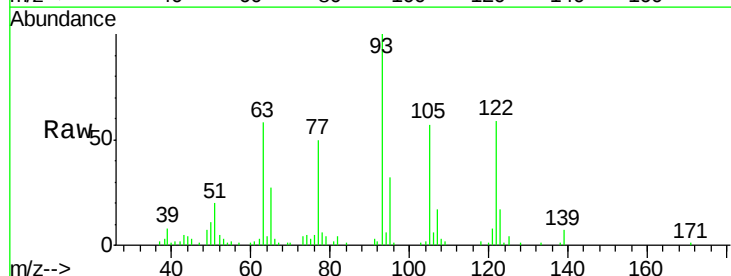
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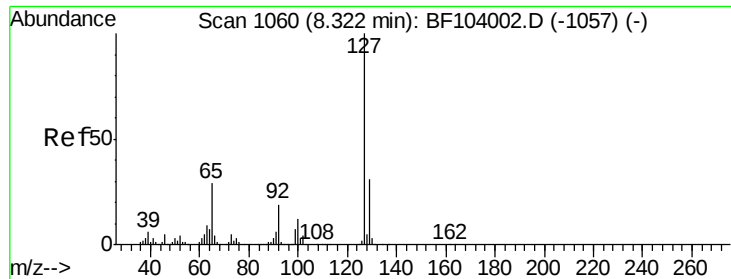
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#32
Benzoic acid
Concen: 15.509 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion:122 Resp: 82745
Ion Ratio Lower Upper
122 100
105 96.3 101.1 141.1#
77 84.0 70.7 110.7





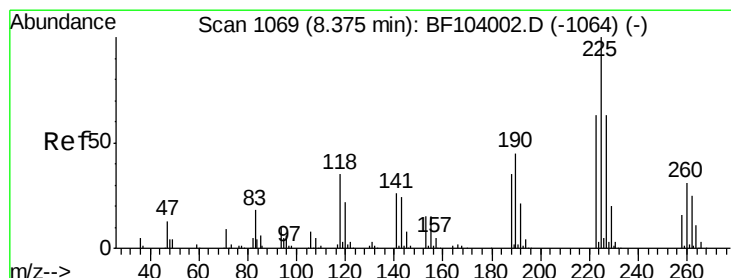
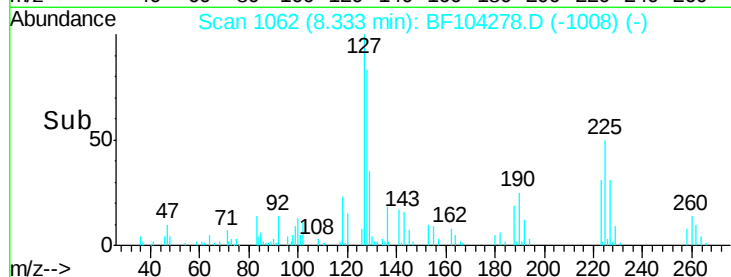
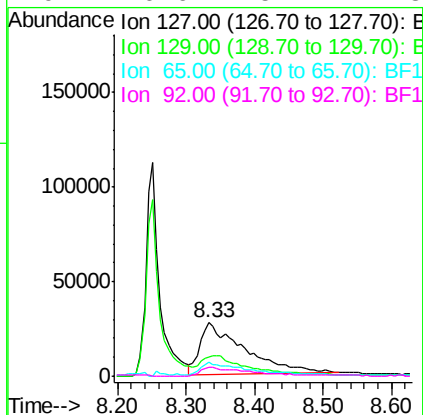
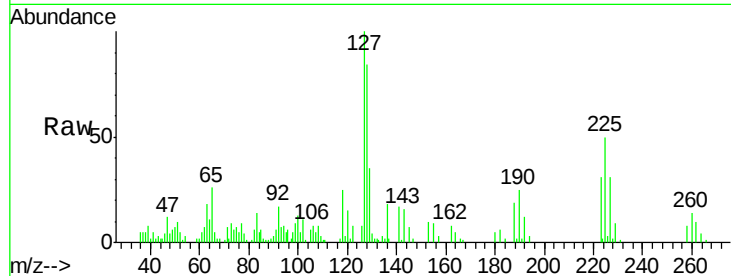
#33
4-Chloroaniline
Concen: 10.695 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.02 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.3	25.9	38.9		
65	25.6	25.0	37.4		
92	16.6	15.2	22.8		

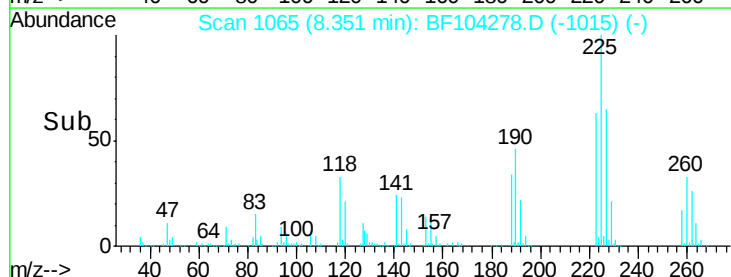
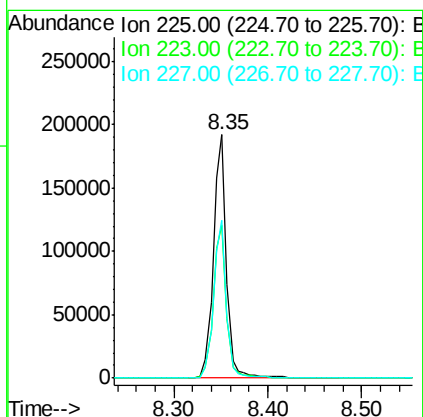
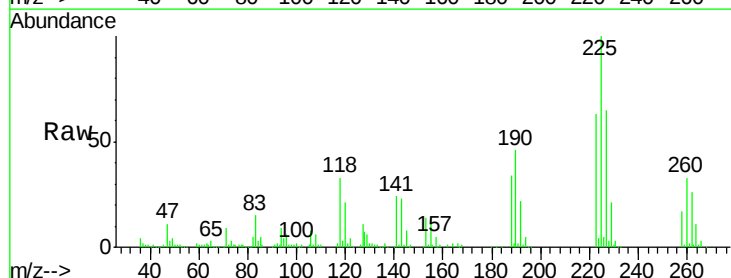
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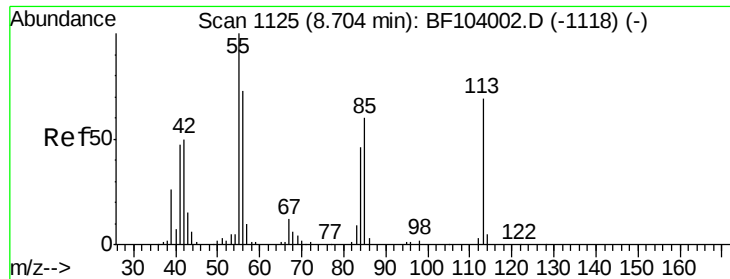
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#34
Hexachlorobutadiene
Concen: 40.548 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.6	76.0		
227	64.8	51.9	77.9		





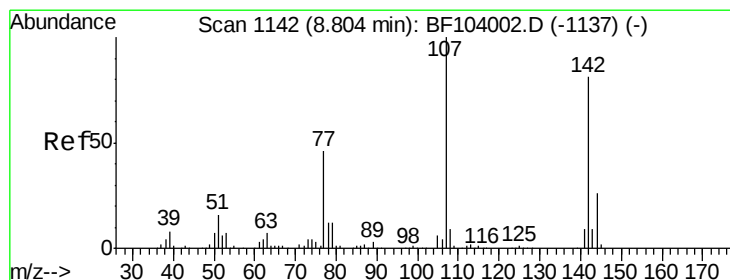
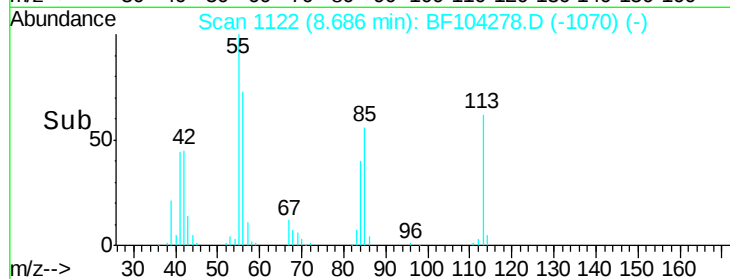
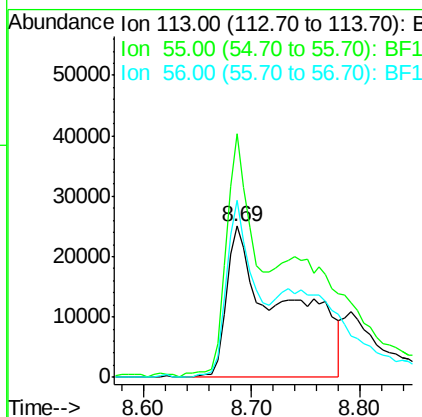
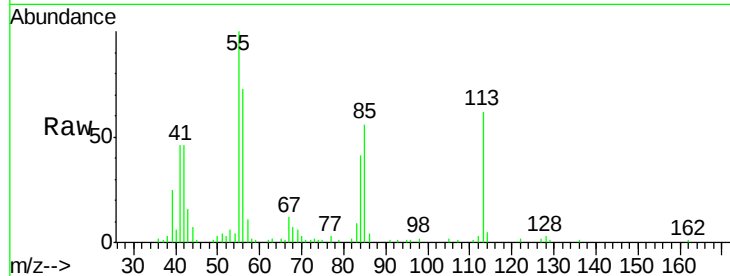
#35
Caprolactam
Concen: 38.777 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.4	163.3	203.3#
56	117.2	115.7	155.7

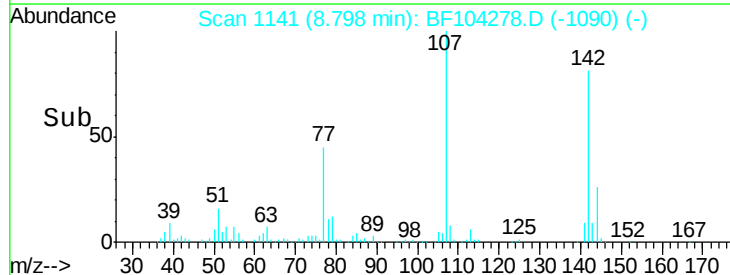
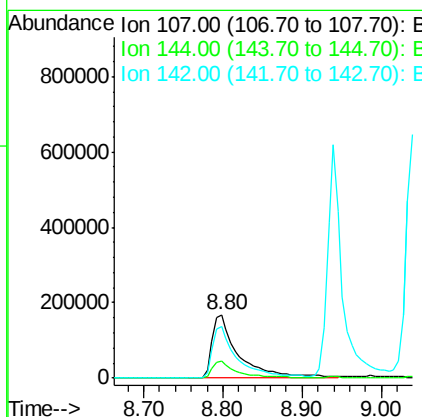
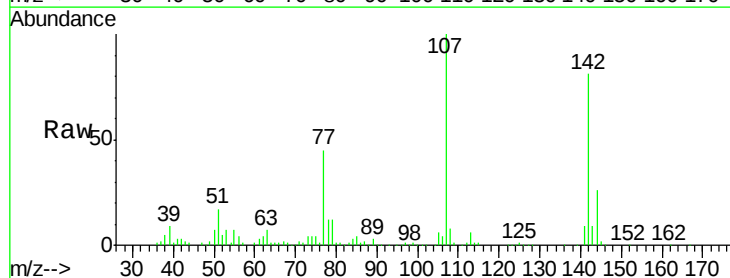
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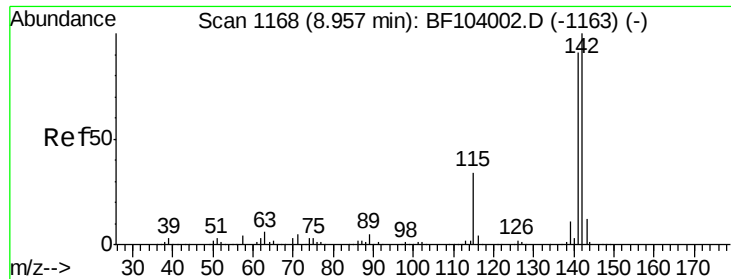
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#36
4-Chloro-3-methylphenol
Concen: 47.875 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	81.0	62.0	93.0





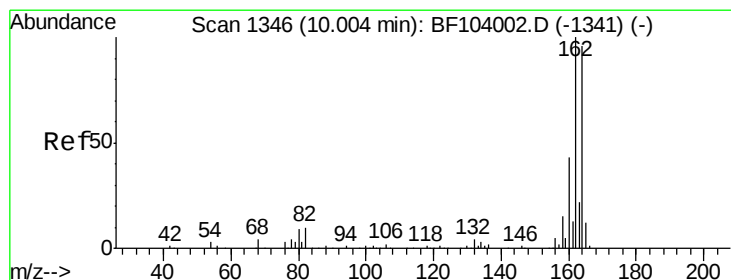
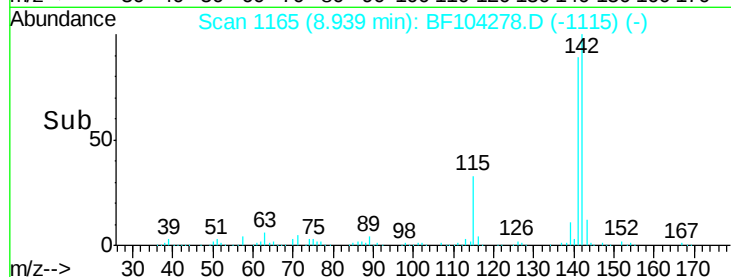
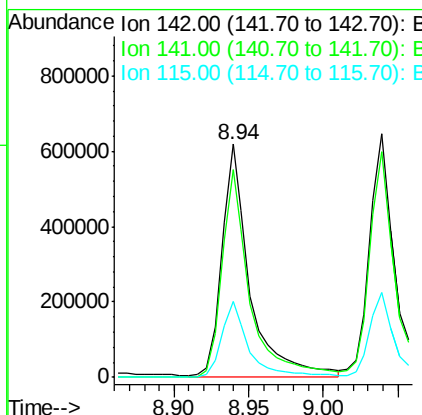
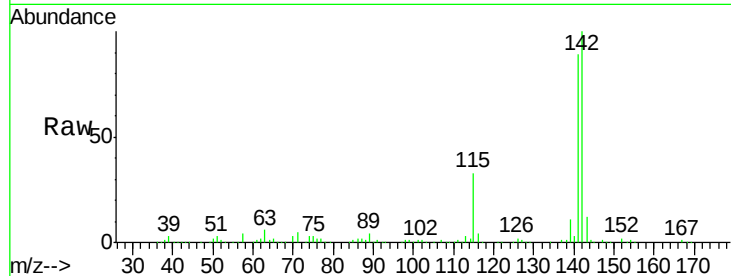
#37
2-Methylnaphthalene
Concen: 44.708 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.8	26.1	39.1

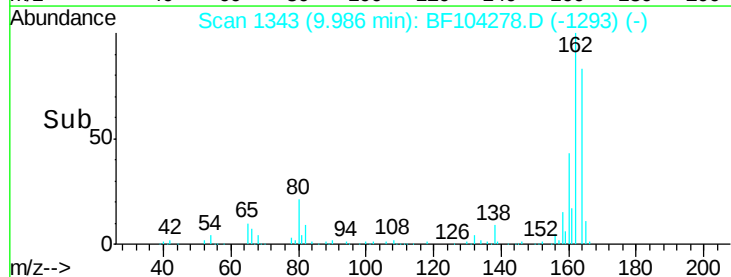
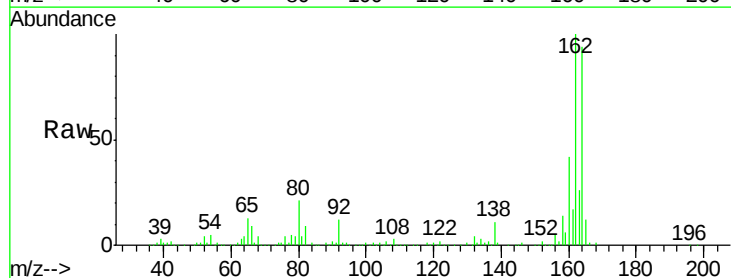
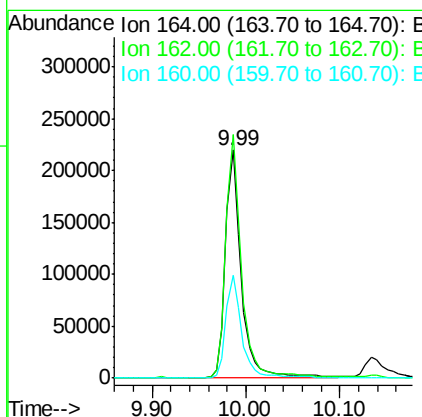
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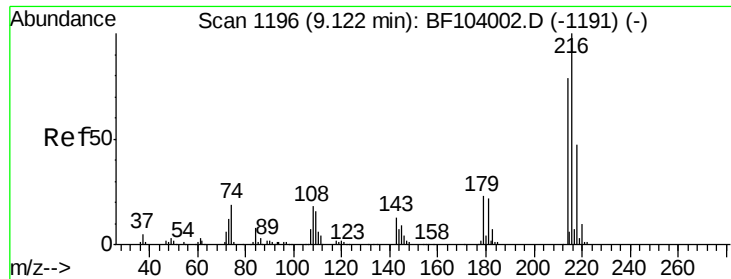
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	45.2	38.3	57.5





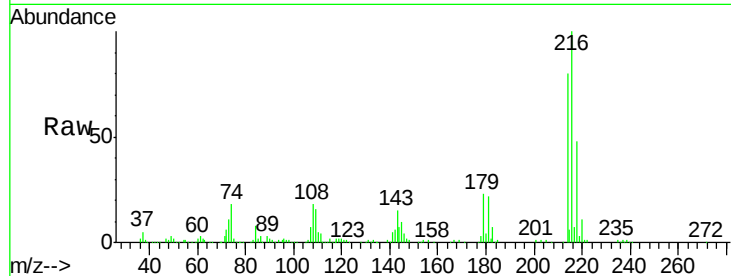
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.156 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

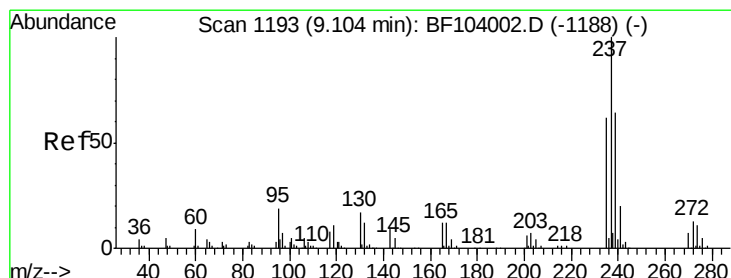
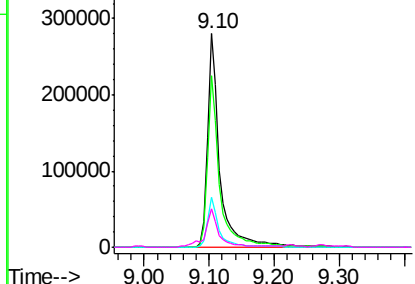
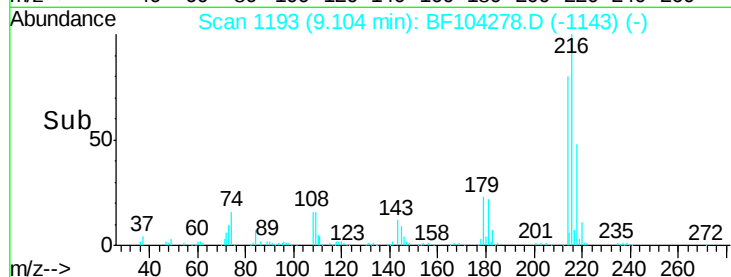
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		368723		
214	79.9	63.0	94.4		
179	22.5	18.1	27.1		
108	19.3	17.2	25.8		

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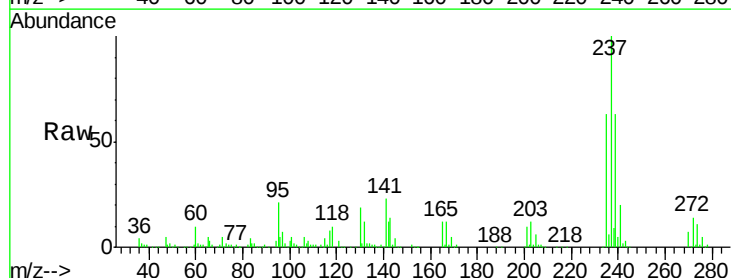


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

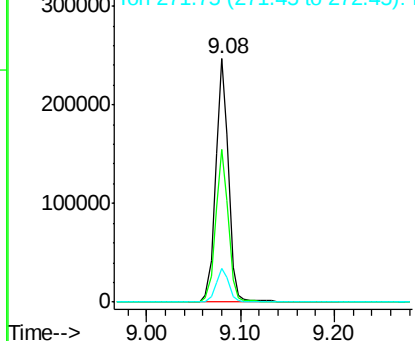
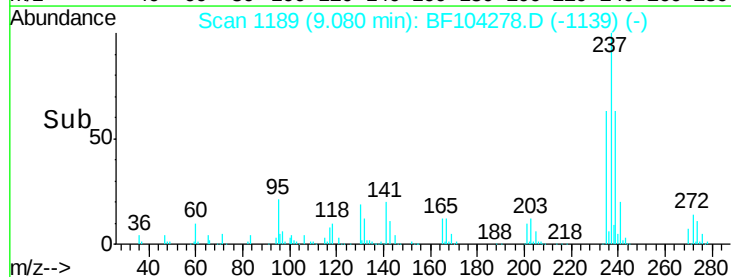


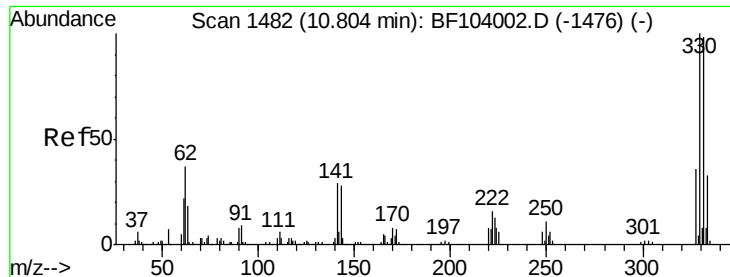
#40
 Hexachlorocyclopentadiene
 Concen: 64.791 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		239504		
235	62.8	44.8	84.8		
272	13.6	0.0	33.3		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





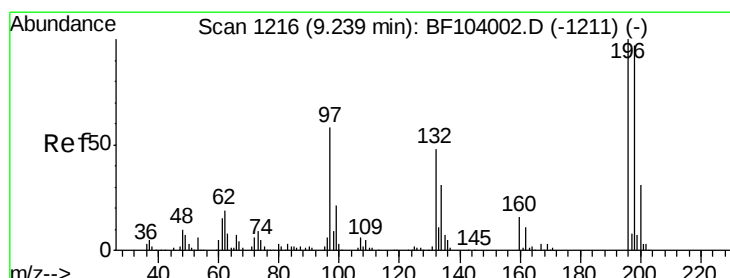
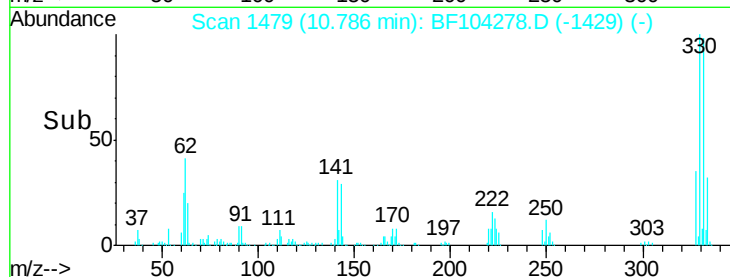
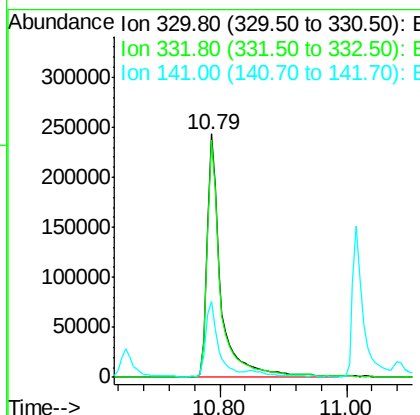
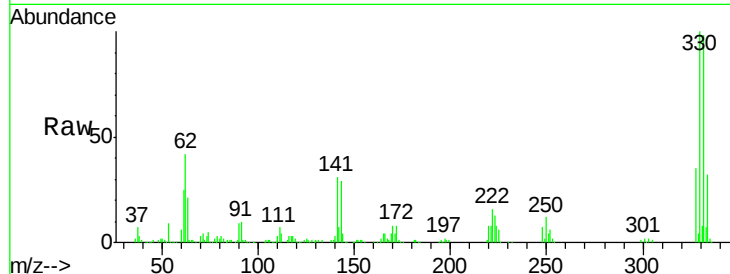
#41
 2,4,6-Tribromophenol
 Concen: 128.336 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	27.6	29.9	44.9#

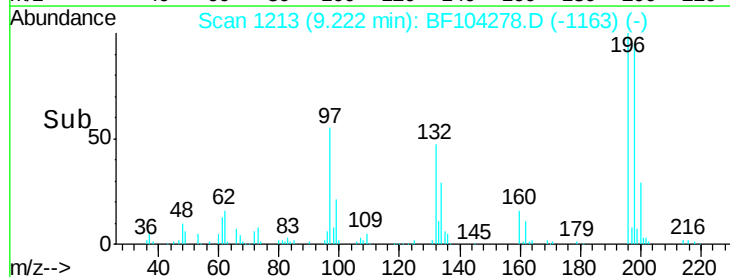
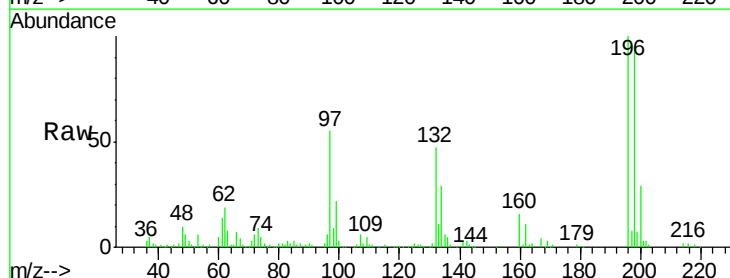
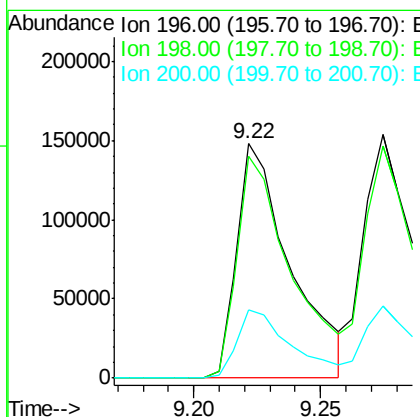
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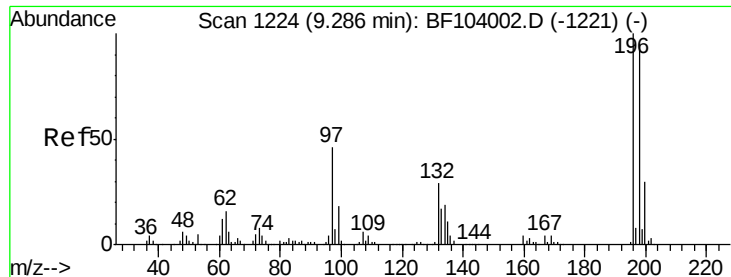
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#42
 2,4,6-Trichlorophenol
 Concen: 43.024 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
200	29.0	24.5	36.7





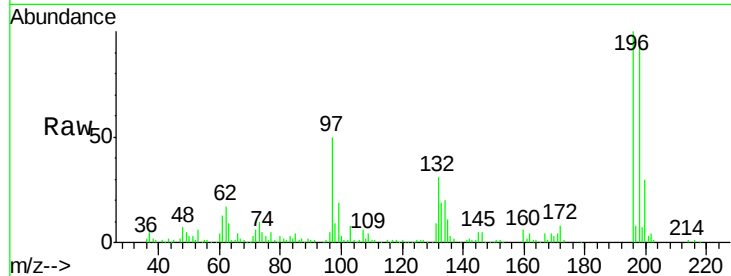
#43
2,4,5-Trichlorophenol
Concen: 44.553 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

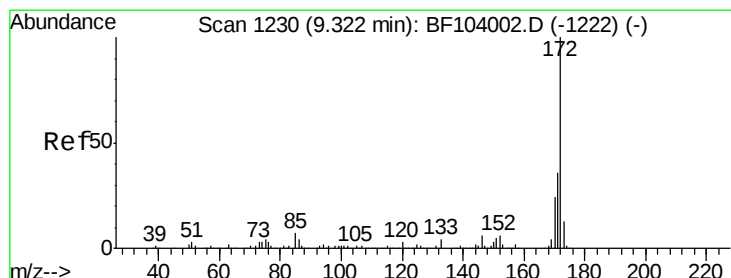
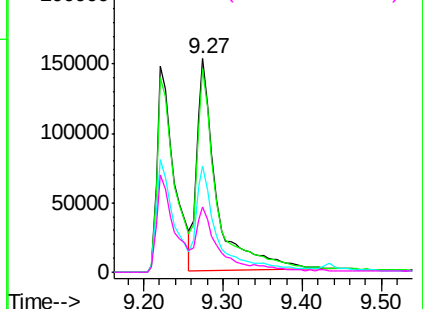
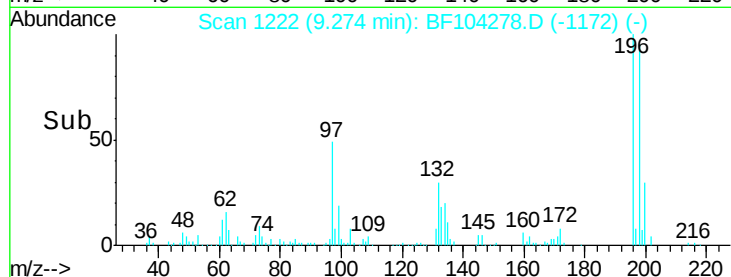
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		272124		
198	95.2		74.6	112.0	
97	49.6		42.9	64.3	
132	30.6		26.3	39.5	

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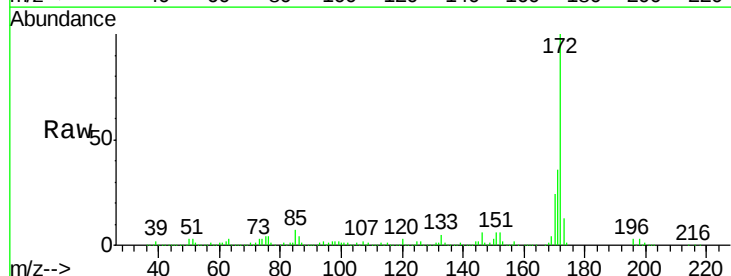


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

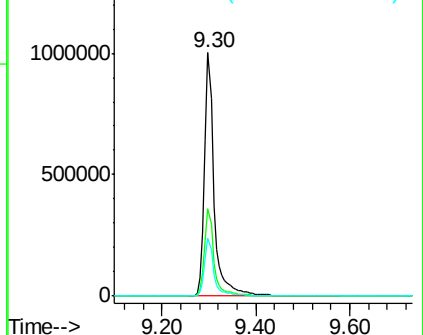
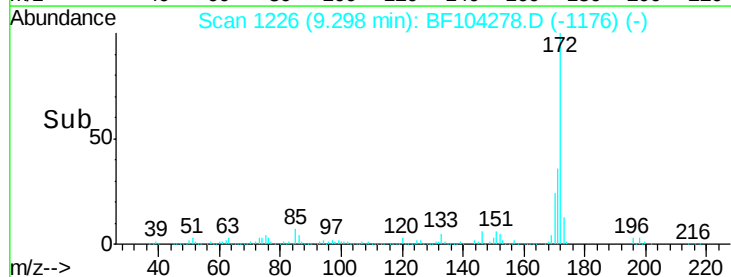


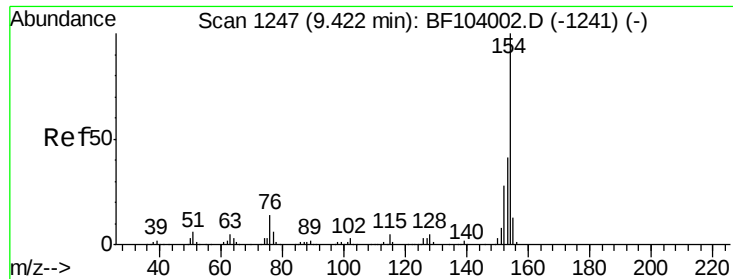
#44
2-Fluorobiphenyl
Concen: 85.768 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1416913		
171	36.0		29.7	44.5	
170	23.7		19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.921 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:154 Resp: 1004378

Ion Ratio Lower Upper

154 100

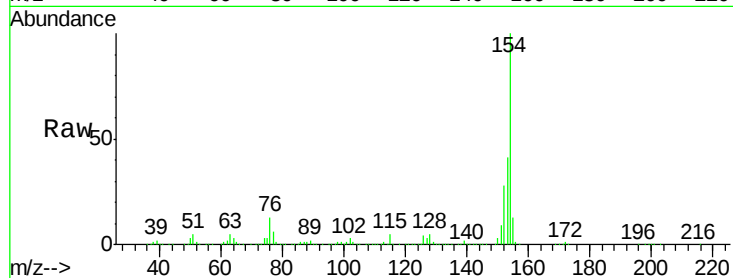
153 40.9 21.3 61.3

76 13.2 0.0 34.0

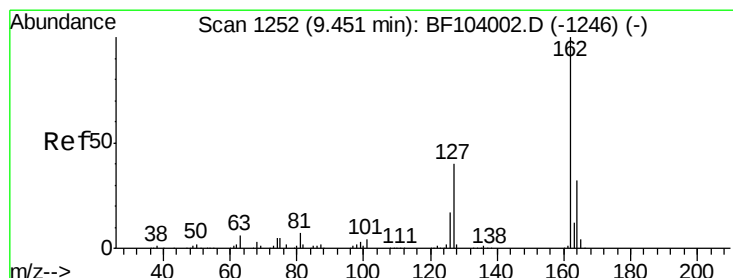
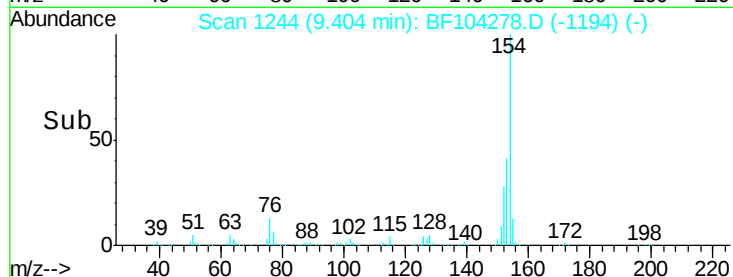
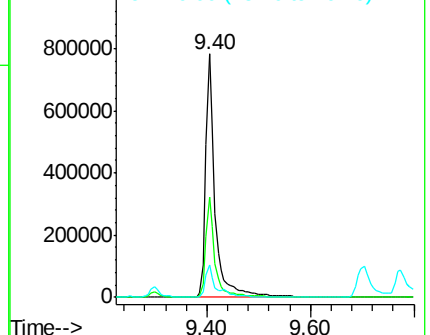
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.407 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

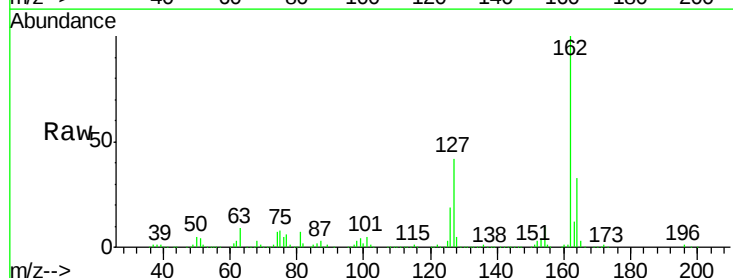
Tgt Ion:162 Resp: 800834

Ion Ratio Lower Upper

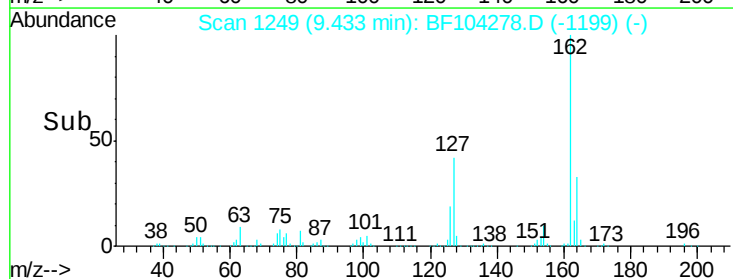
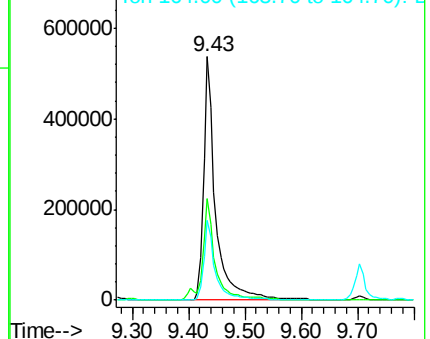
162 100

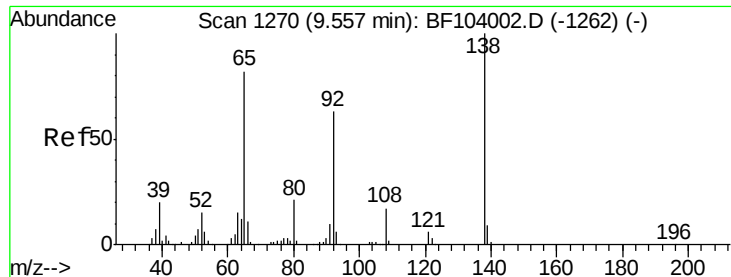
127 41.7 33.9 50.9

164 33.0 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





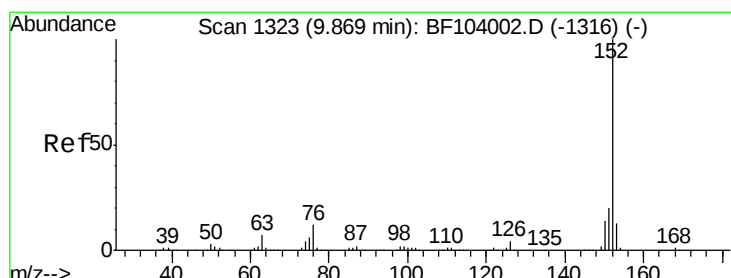
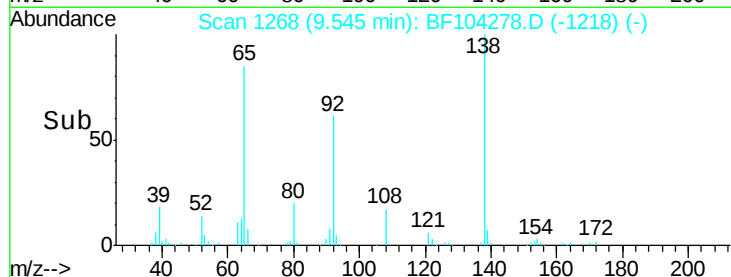
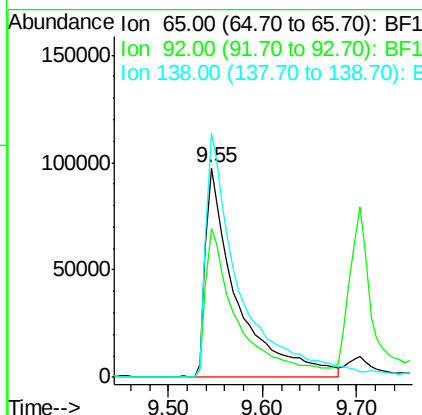
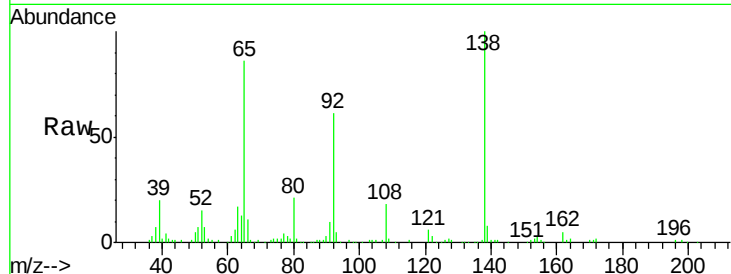
#47
2-Nitroaniline
Concen: 44.860 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.8	83.6
138	116.2	91.2	136.8

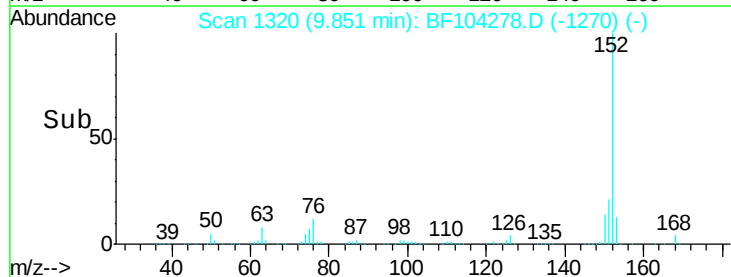
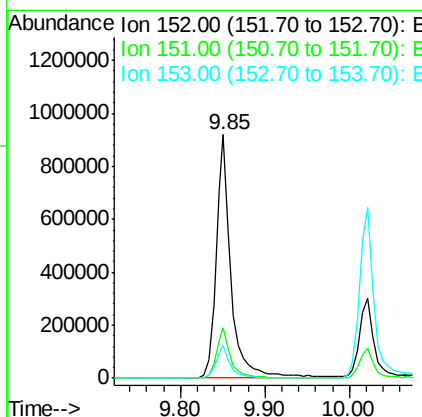
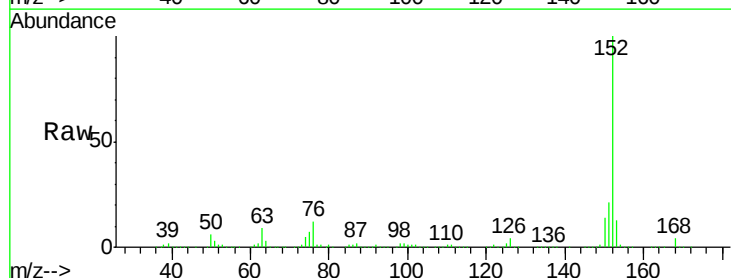
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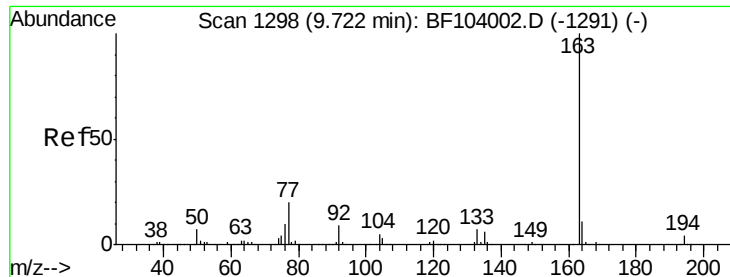
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#48
Acenaphthylene
Concen: 42.551 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1





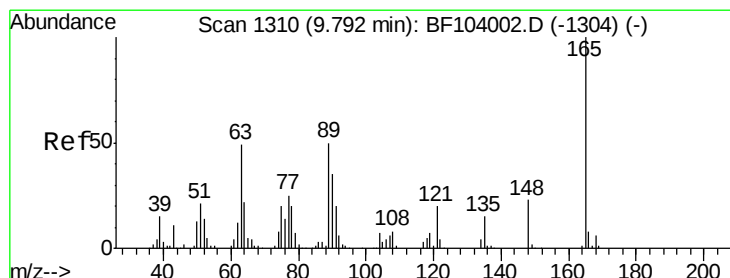
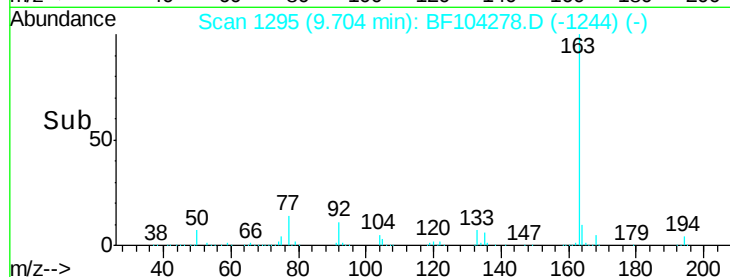
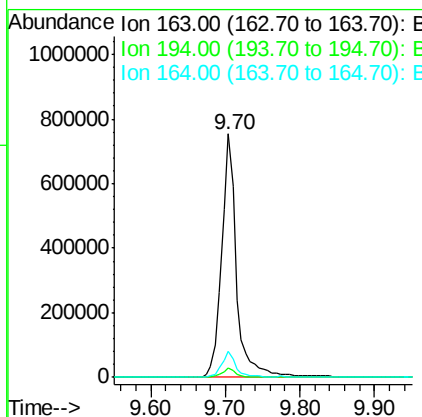
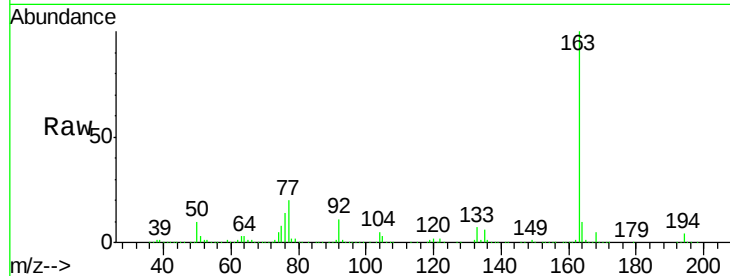
#49
Dimethylphthalate
Concen: 51.063 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion:163 Resp: 1050263
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

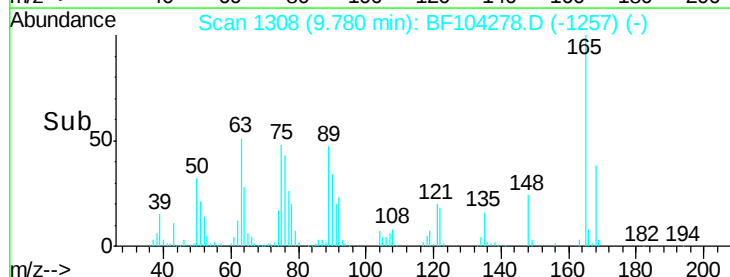
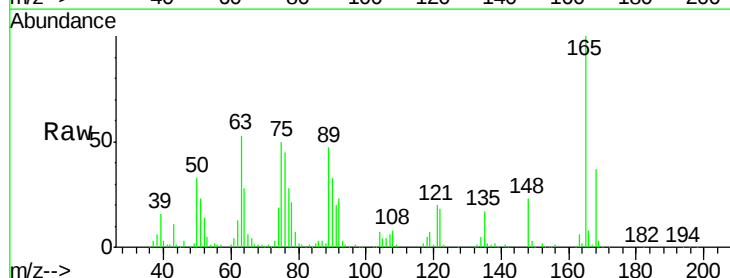
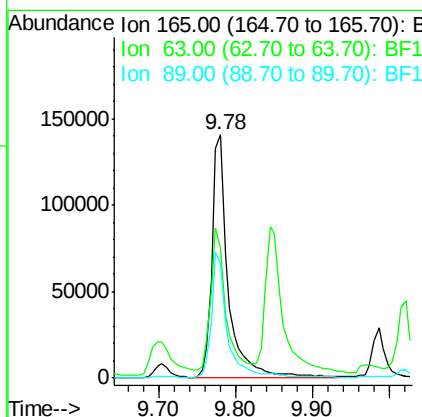
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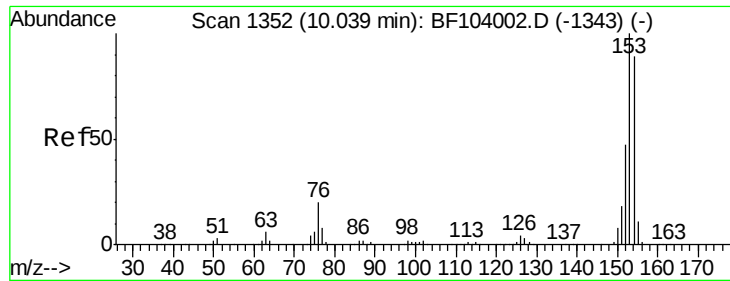
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#50
2,6-Dinitrotoluene
Concen: 45.621 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion:165 Resp: 201877
Ion Ratio Lower Upper
165 100
63 53.4 44.7 67.1
89 47.0 44.0 66.0





#51

Acenaphthene

Concen: 41.781 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

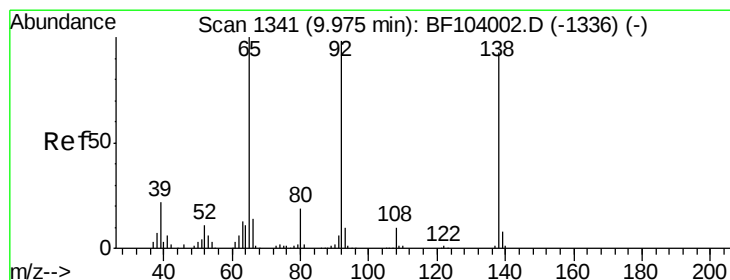
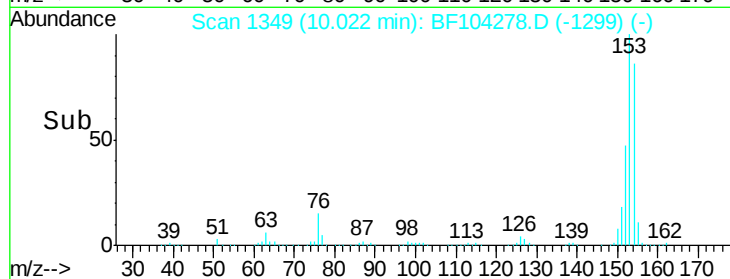
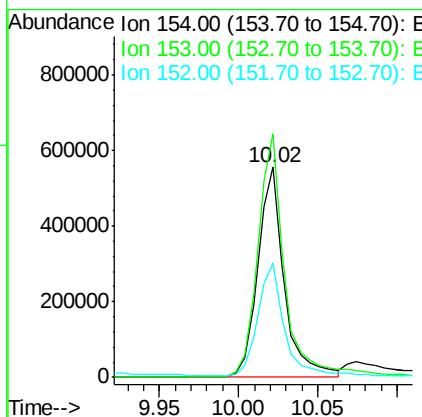
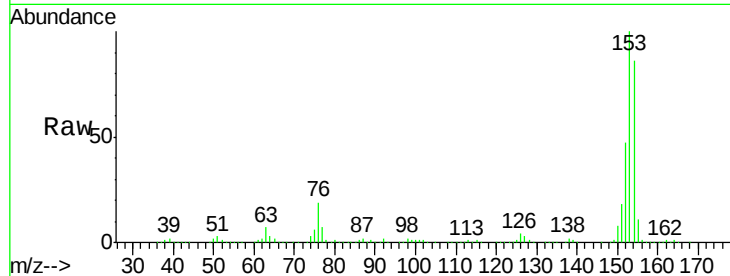
ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:154	Resp:	645812
Ion Ratio	Lower	Upper
154	100	
153	115.9	91.2 136.8
152	54.6	43.8 65.8

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#52

3-Nitroaniline

Concen: 23.602 ng

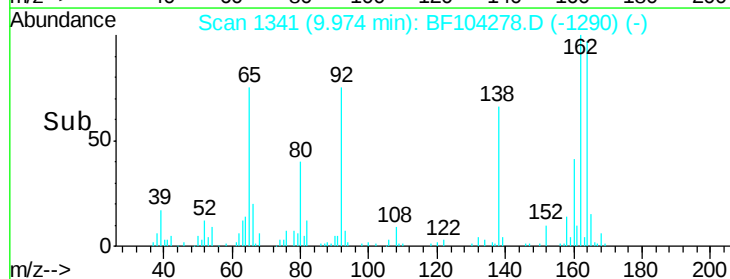
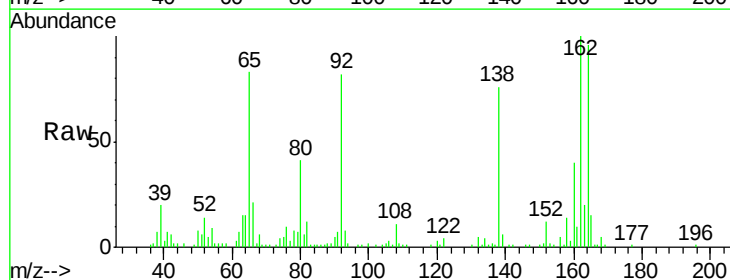
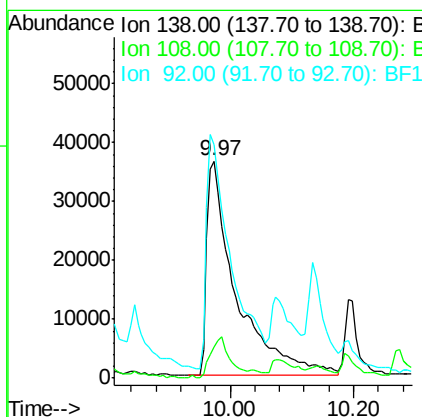
RT: 9.97 min Scan# 1341

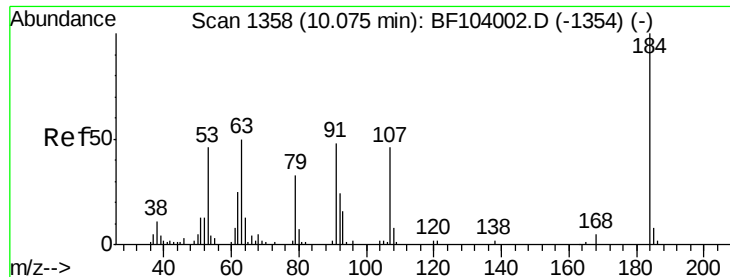
Delta R.T. -0.00 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Tgt Ion:138	Resp:	120057
Ion Ratio	Lower	Upper
138	100	
108	14.5	9.4 14.0#
92	107.7	89.4 134.2





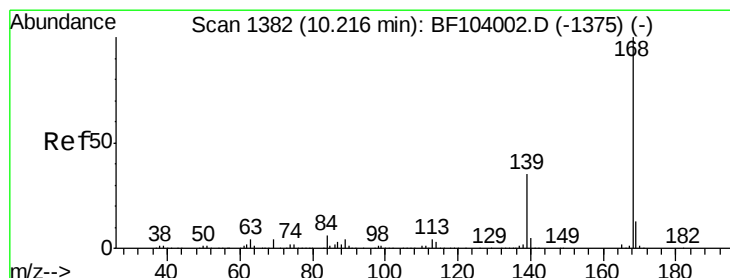
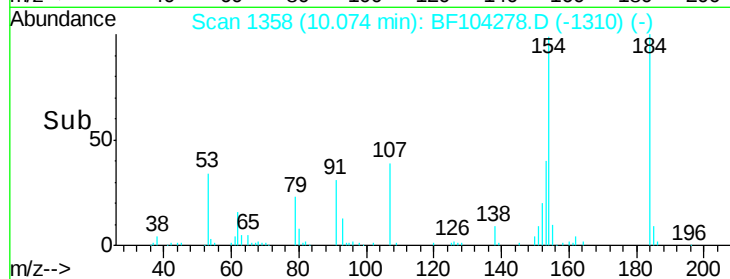
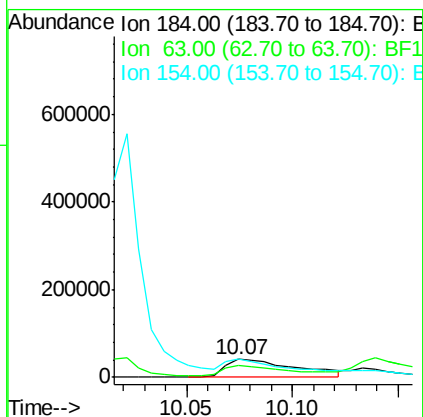
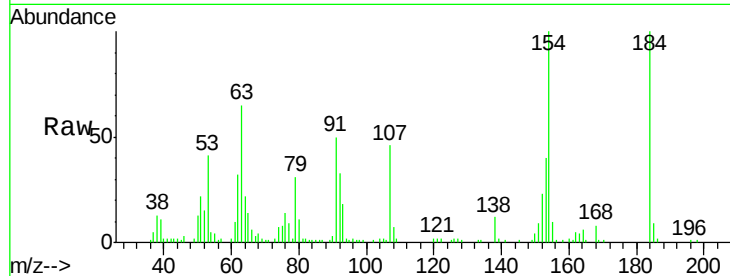
#53
2,4-Dinitrophenol
Concen: 52.128 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.8	54.2	81.2
154	99.9	184.0	276.0#

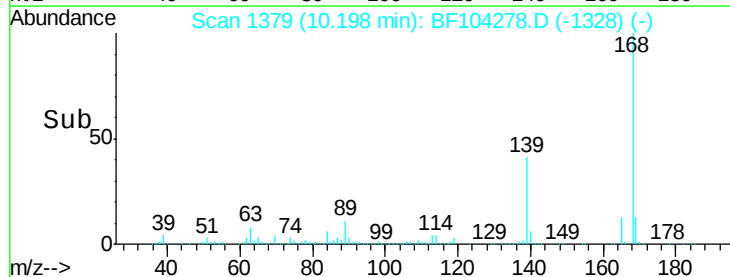
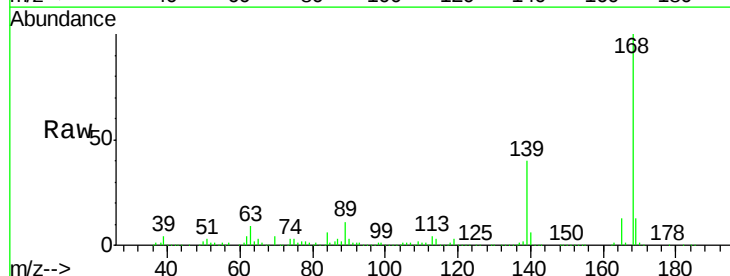
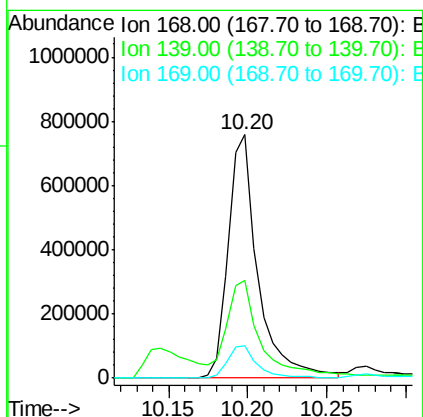
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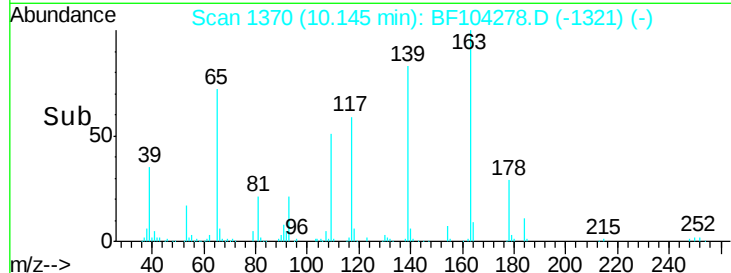
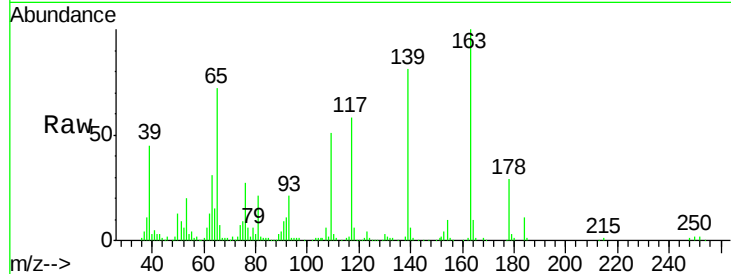
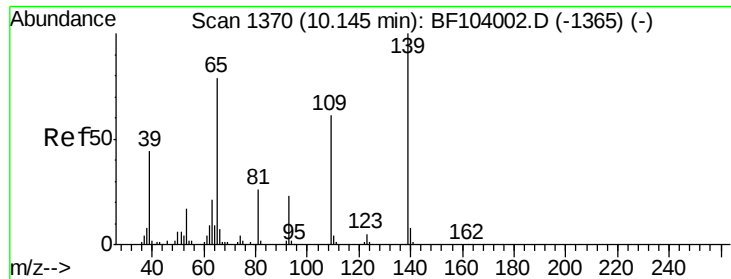
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#54
Dibenzofuran
Concen: 43.455 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	13.3	10.9	16.3





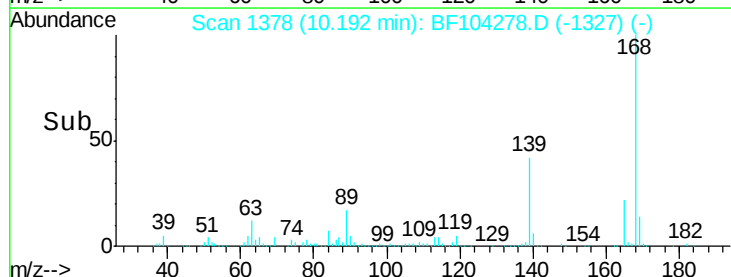
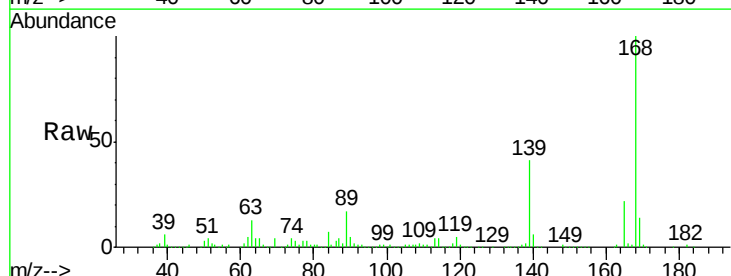
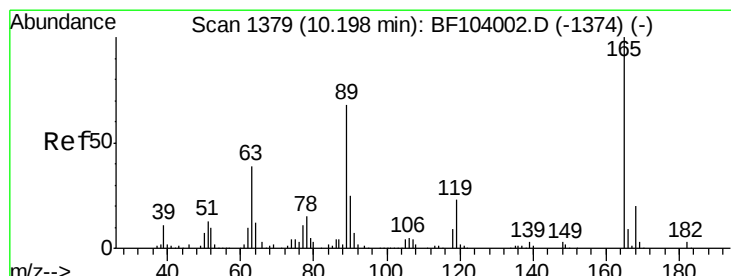
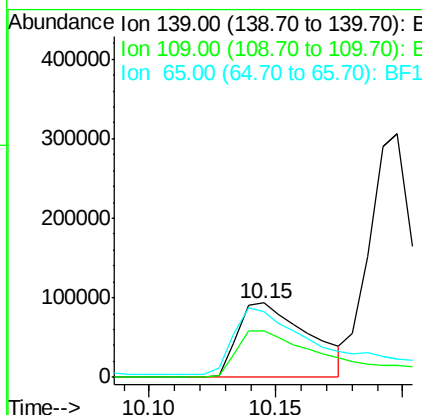
#55
4-Nitrophenol
Concen: 59.385 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	181127		
109	63.1	48.4	88.4	
65	88.5	72.6	112.6	

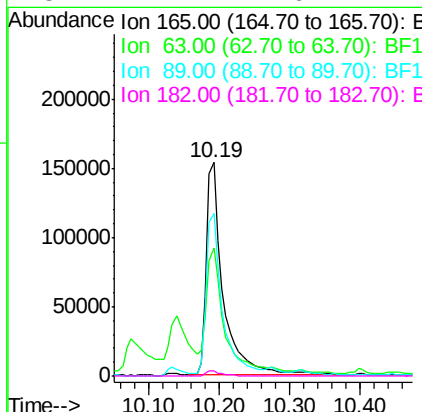
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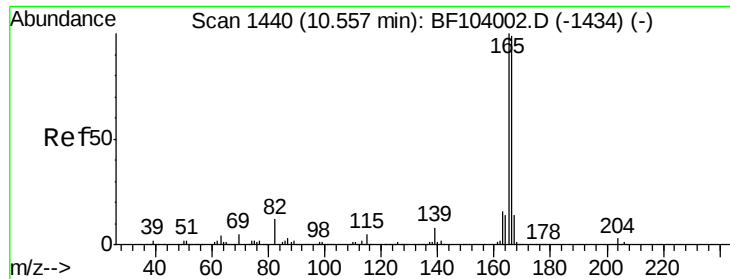
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#56
2,4-Dinitrotoluene
Concen: 45.477 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	256790		
63	60.1	36.4	54.6#	
89	76.3	57.8	86.6	
182	2.4	1.6	2.4#	





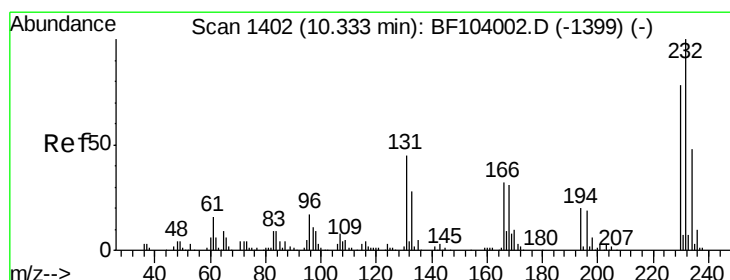
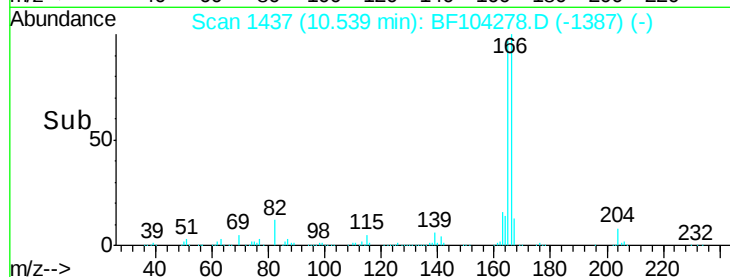
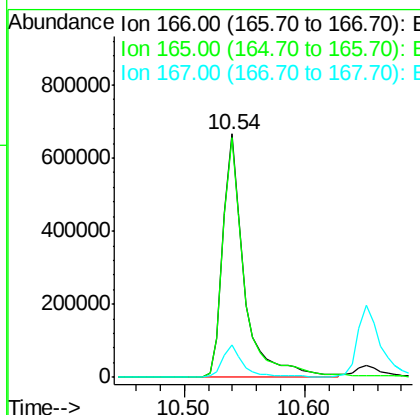
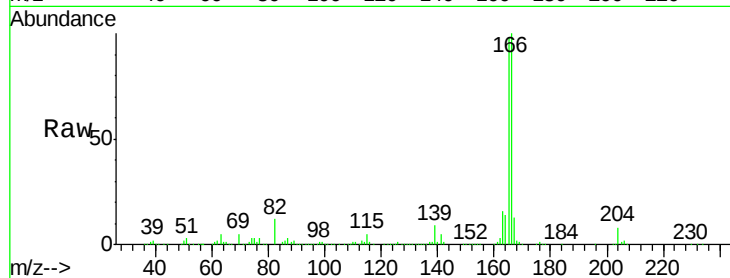
#57
Fluorene
 Concen: 43.704 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.2	10.6	16.0

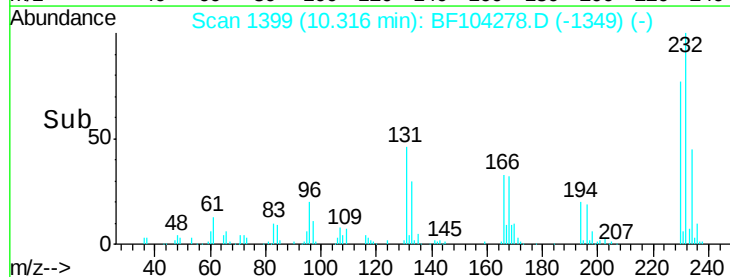
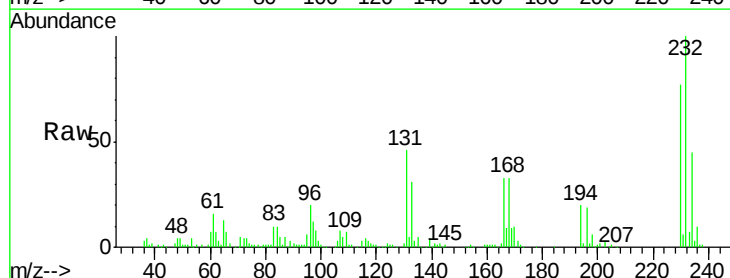
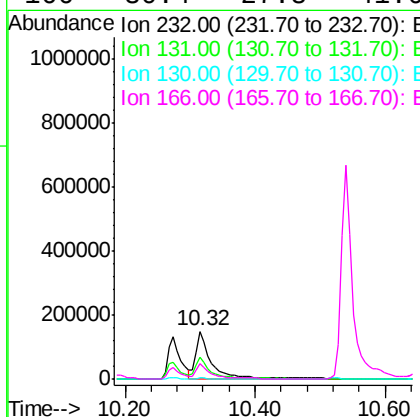
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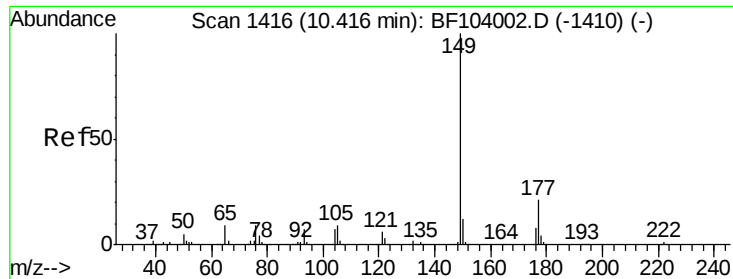
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.028 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.2	43.8	65.8
130	2.5	2.1	3.1
166	30.4	27.8	41.6





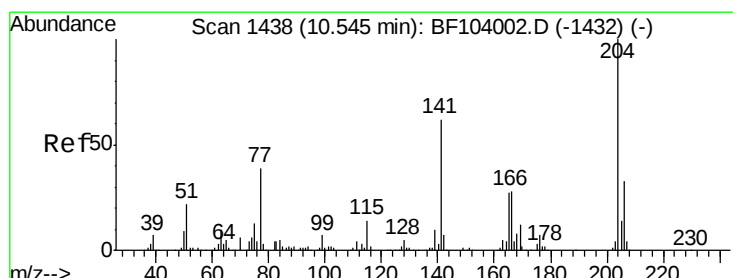
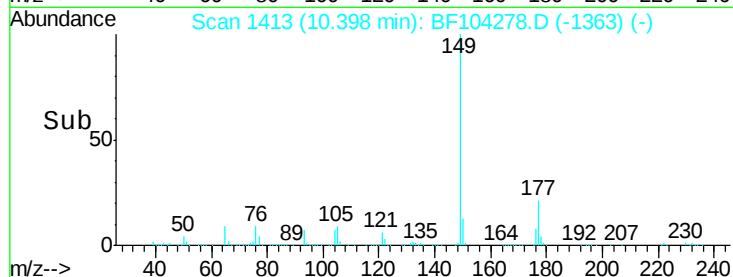
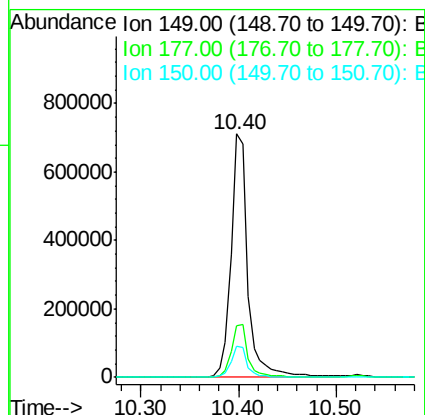
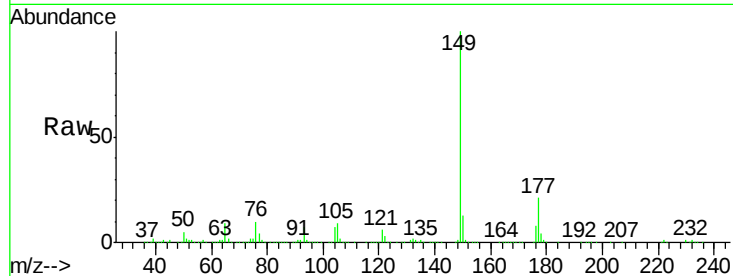
#59
Diethylphthalate
Concen: 43.400 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.7	10.1	15.1

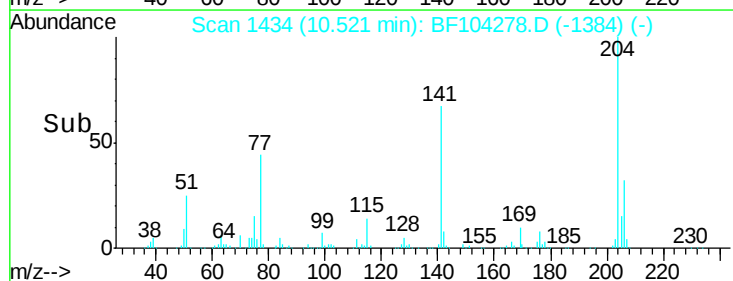
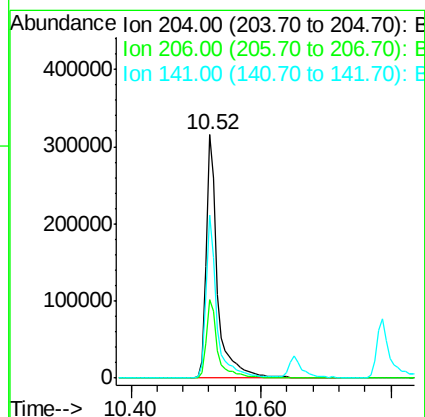
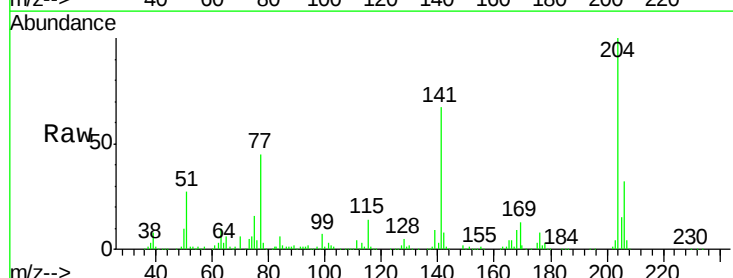
Manual Integrations
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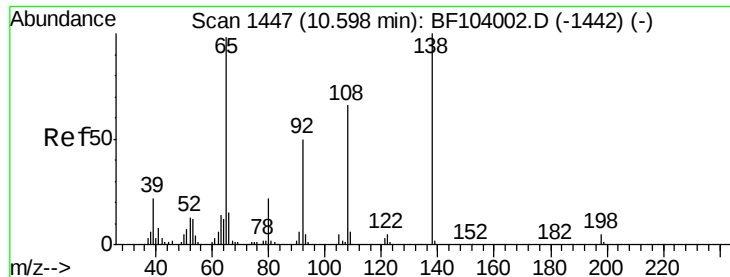
Sohil
4/6/2018 11:57:52 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.785 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	67.1	54.6	81.8





#61

4-Nitroaniline

Concen: 38.630 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

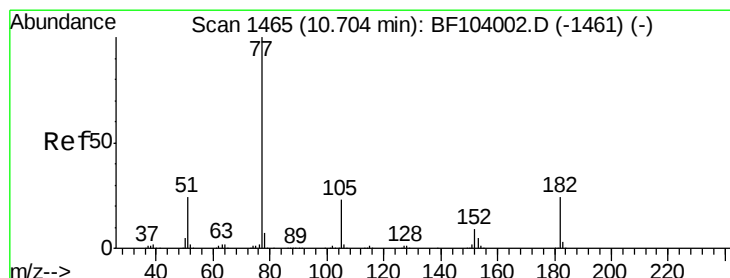
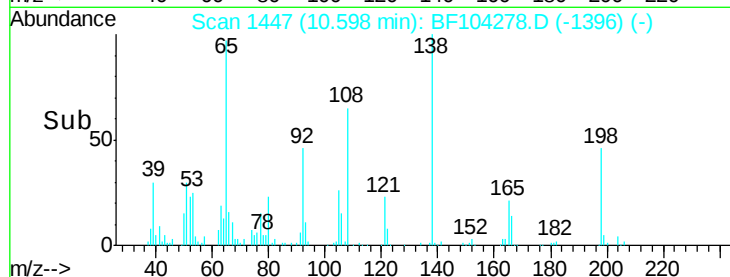
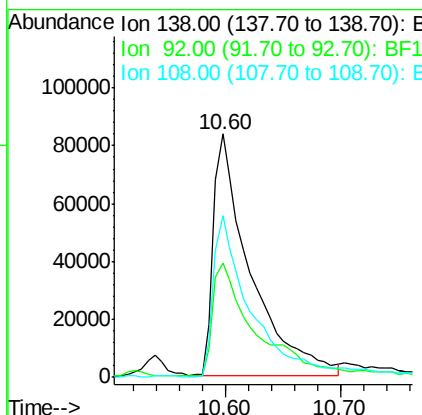
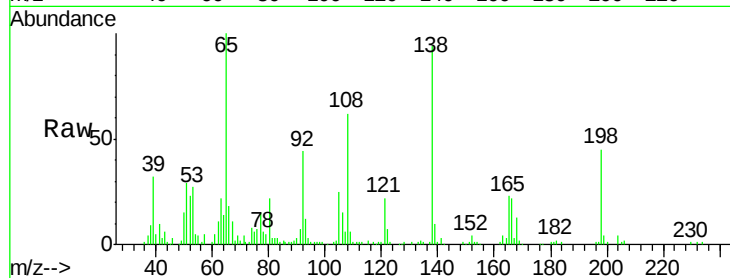
ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:	138	Resp:	183866
Ion Ratio	Lower	Upper	
138	100		
92	47.1	30.2	70.2
108	66.4	52.5	92.5

Manual Integrations
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Sohil
4/6/2018 11:57:52 AM



#62

Azobenzene

Concen: 44.721 ng

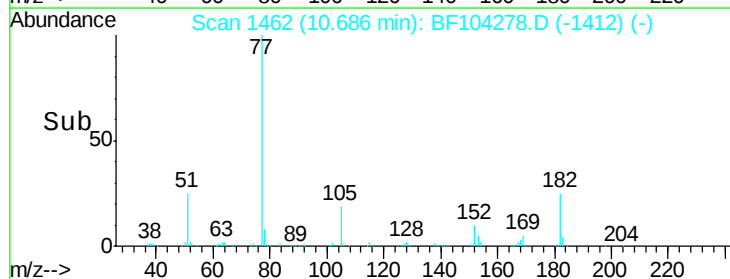
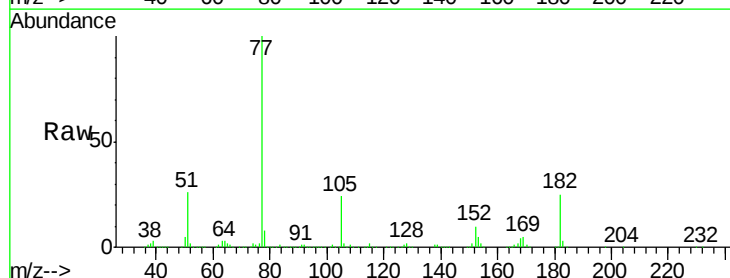
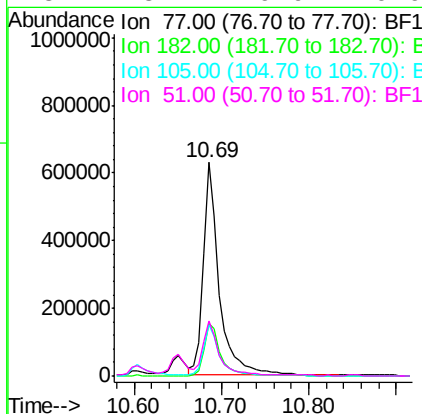
RT: 10.69 min Scan# 1462

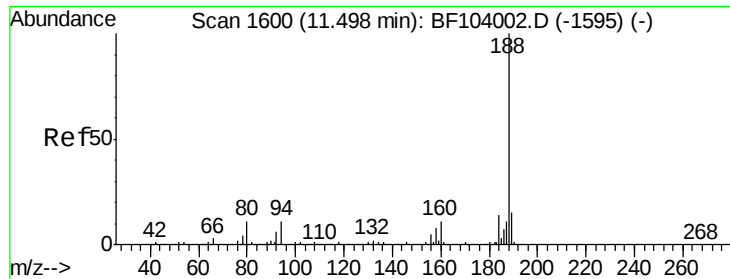
Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Tgt Ion:	77	Resp:	796800
Ion Ratio	Lower	Upper	
77	100		
182	24.7	1.7	41.7
105	24.1	3.0	43.0
51	25.7	9.9	49.9





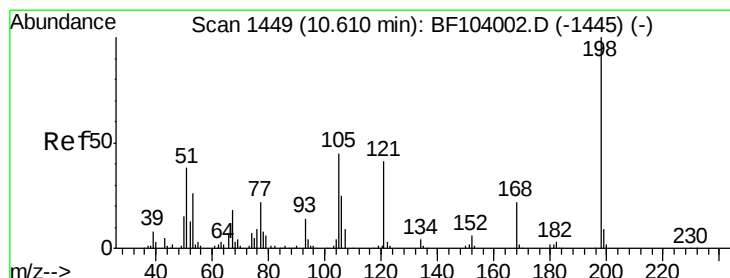
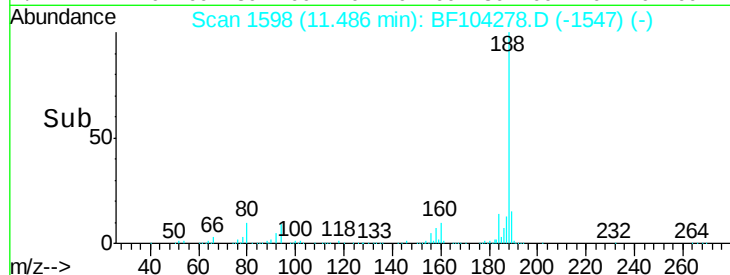
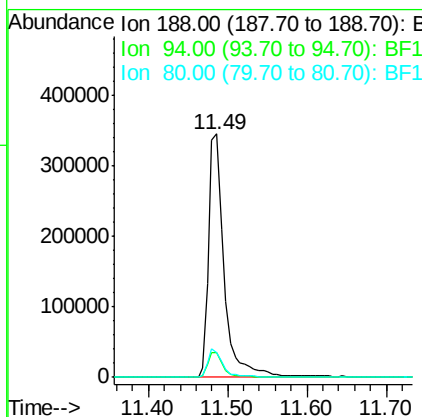
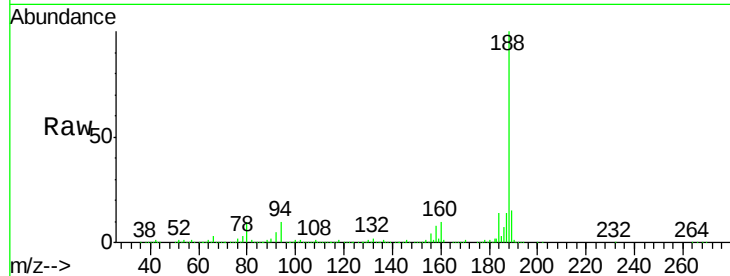
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	478462		
94	10.1		8.5	12.7
80	10.4		9.2	13.8

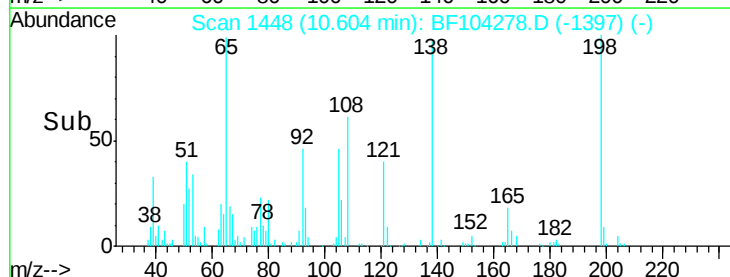
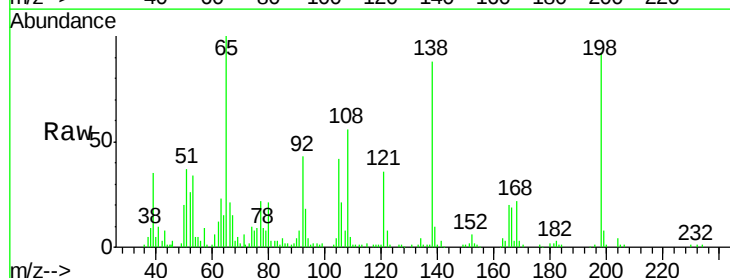
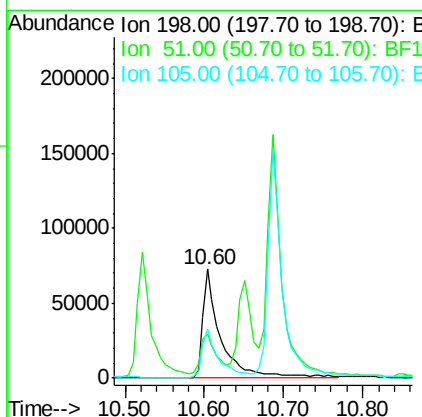
Manual Integrations
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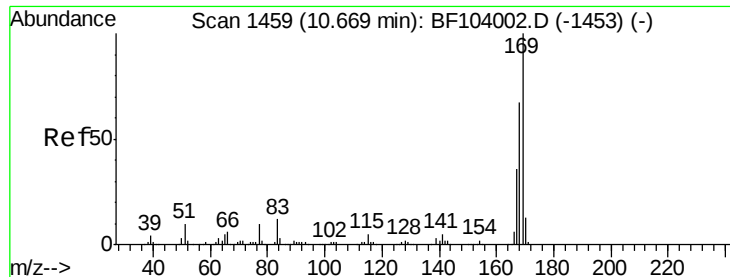
Sohil
4/6/2018 11:57:52 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.635 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	117689		
51	40.9		37.7	77.7
105	45.4		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 44.661 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:169 Resp: 723687

Ion Ratio Lower Upper

169 100

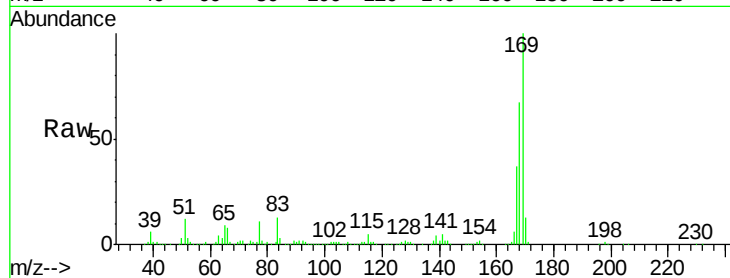
168 67.1 54.4 81.6

167 36.6 29.8 44.6

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Sohil

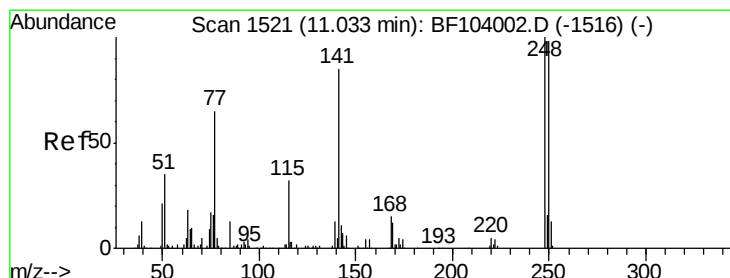
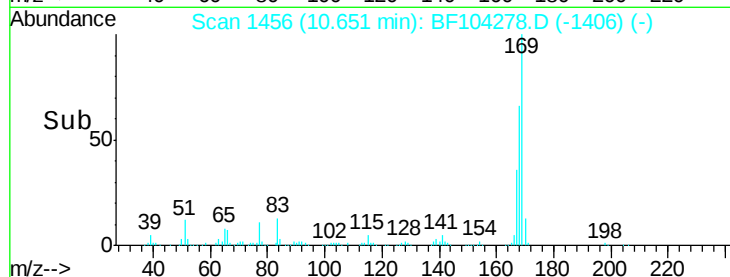
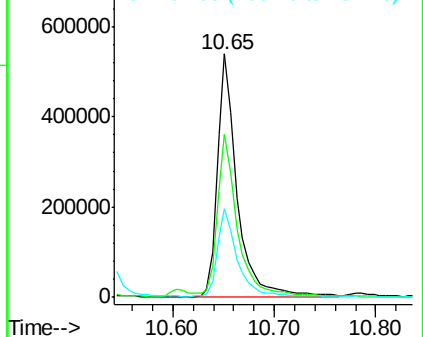
4/6/2018 11:57:52 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.789 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

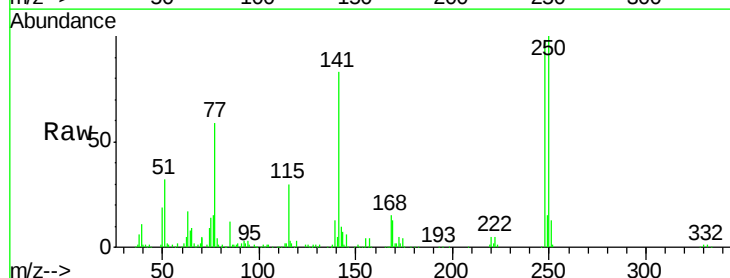
Tgt Ion:248 Resp: 239506

Ion Ratio Lower Upper

248 100

250 102.1 76.9 115.3

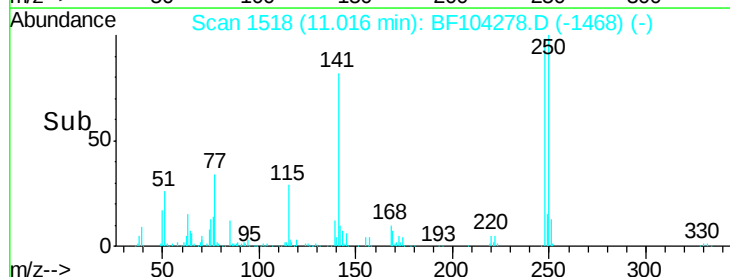
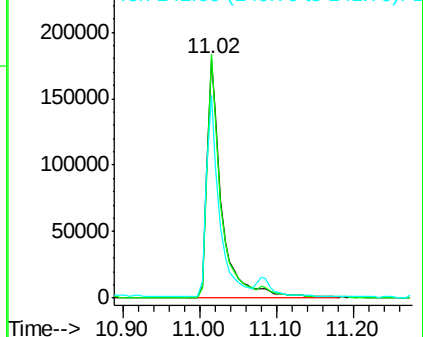
141 84.7 74.4 111.6

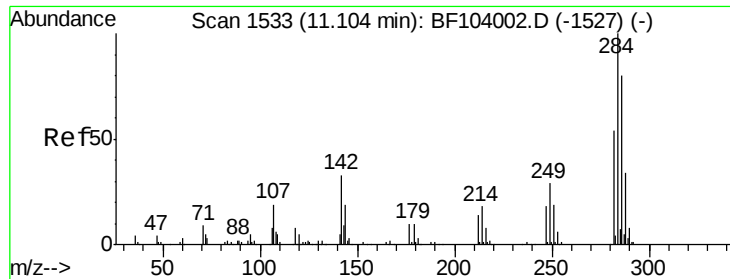


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





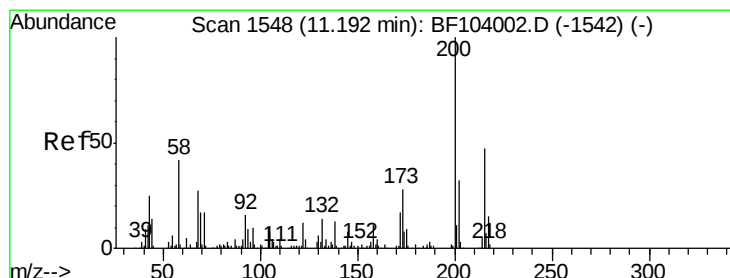
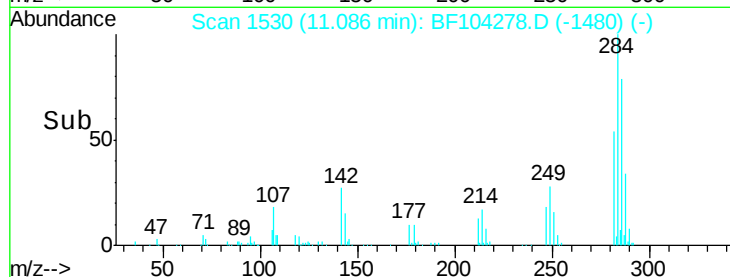
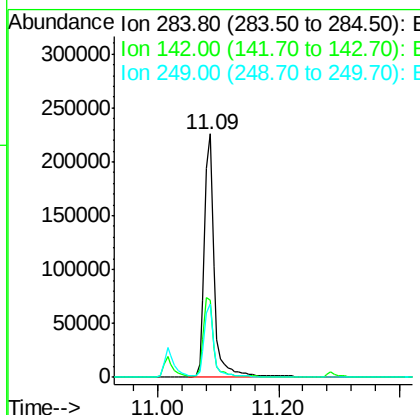
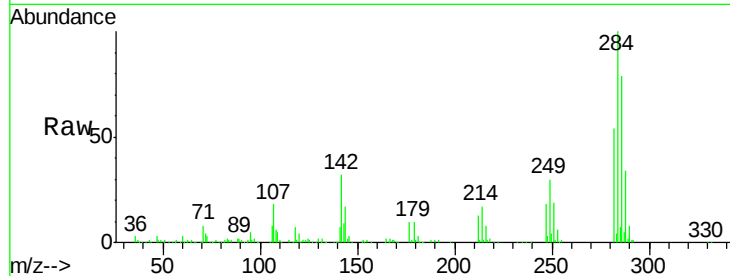
#67
Hexachlorobenzene
Concen: 43.899 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	258488		
142	31.5	34.6	52.0	
249	30.0	24.8	37.2	

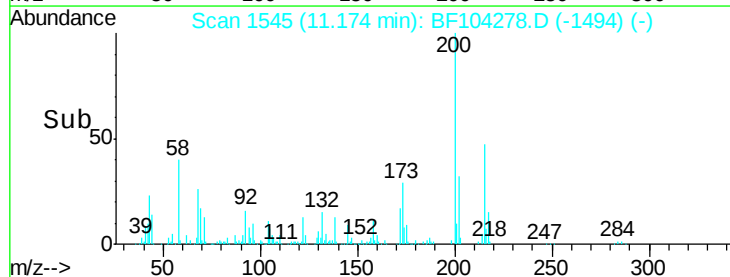
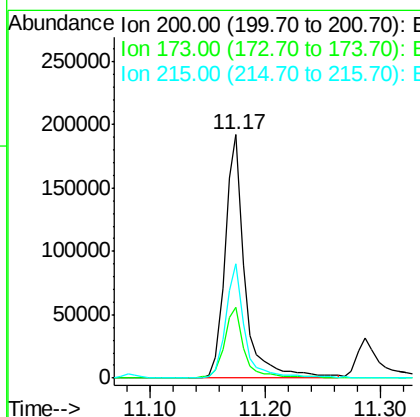
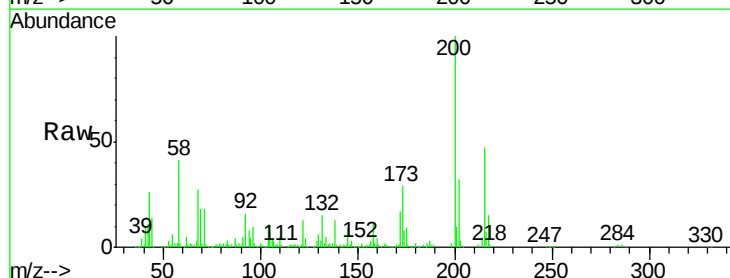
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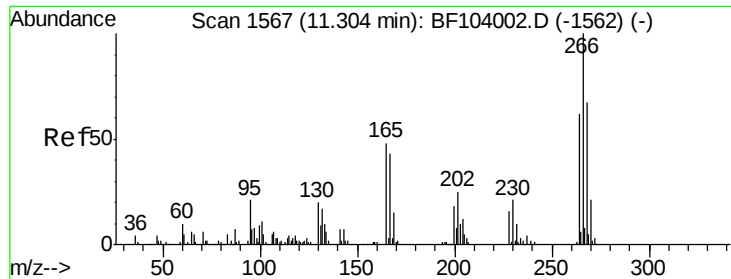
Sohil
4/6/2018 11:57:52 AM



#68
Atrazine
Concen: 45.934 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228024		
173	29.2	8.6	48.6	
215	47.2	25.1	65.1	





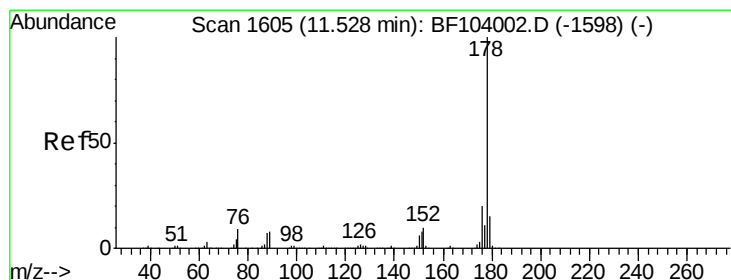
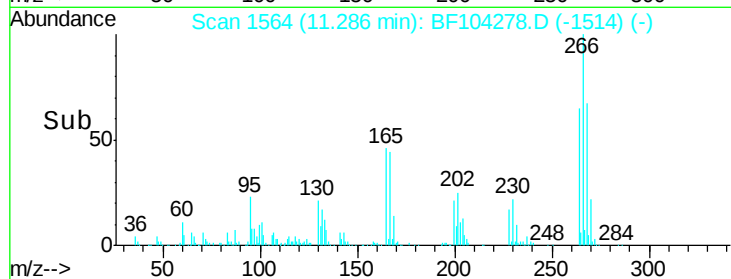
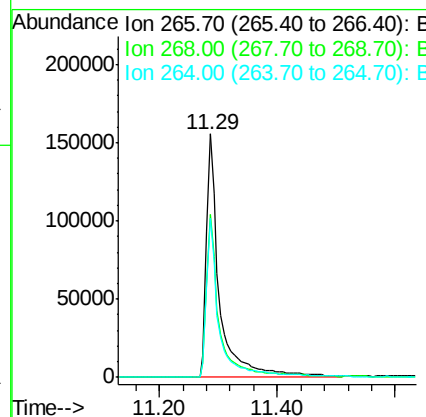
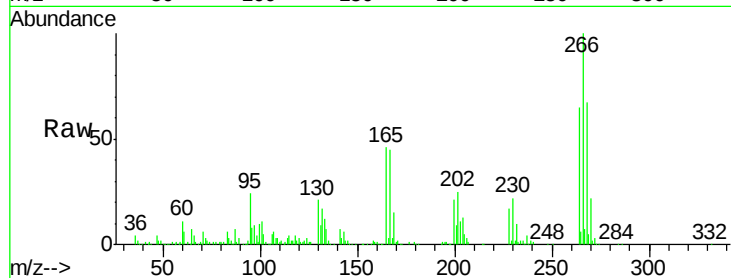
#69
 Pentachlorophenol
 Concen: 74.834 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.1	76.7
264	65.2	49.5	74.3

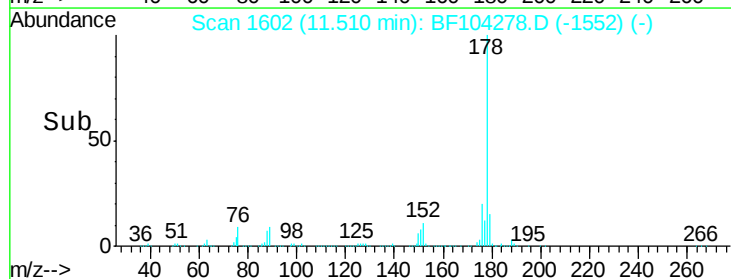
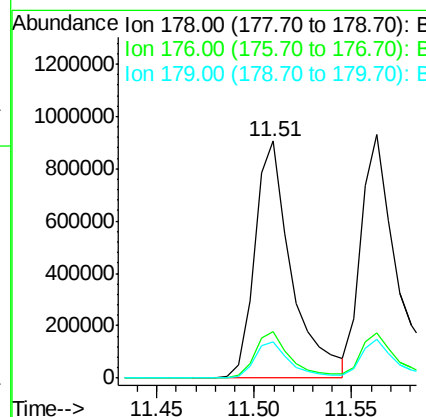
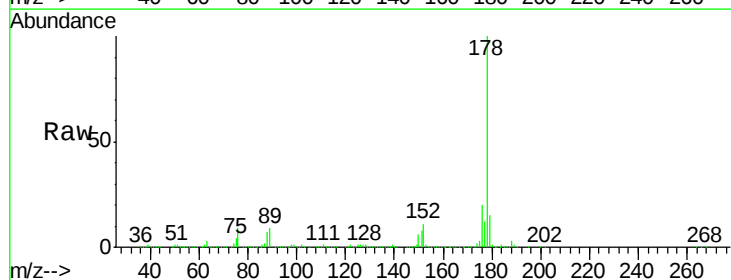
Manual Integrations
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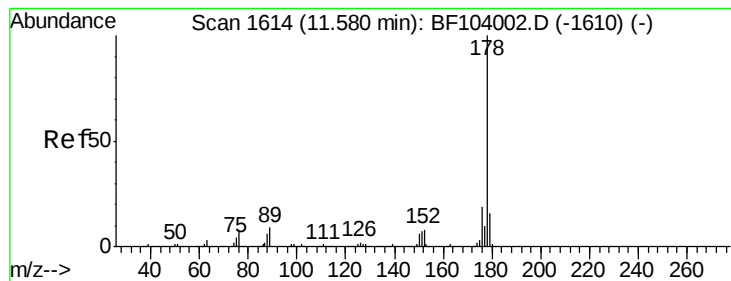
Sohil
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#70
 Phenanthrene
 Concen: 45.506 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6





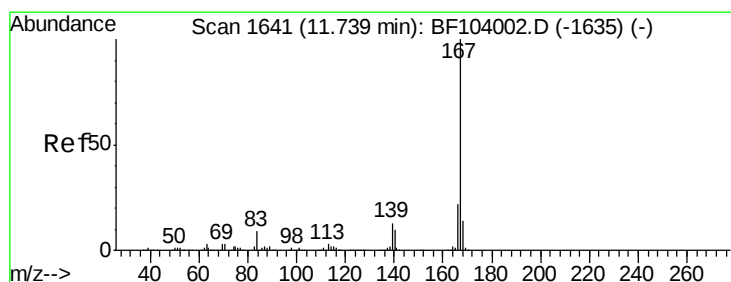
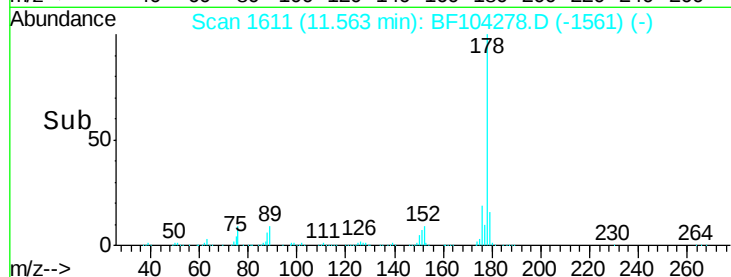
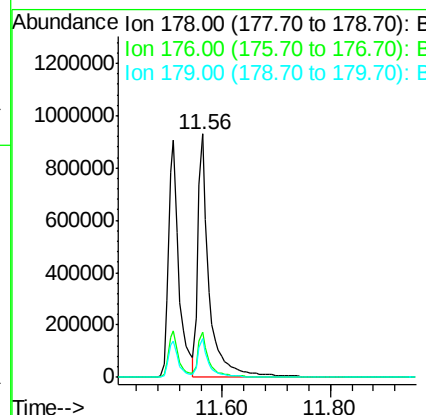
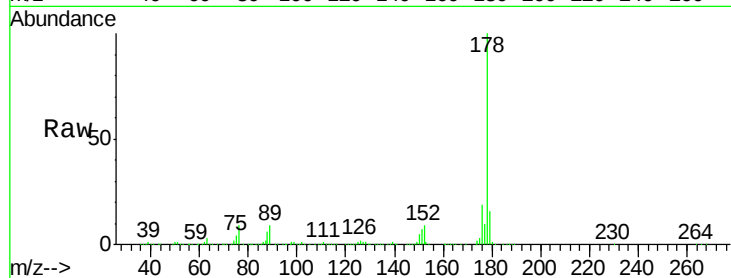
#71
 Anthracene
 Concen: 49.108 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion:178 Resp: 1328755
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.9 12.6 19.0

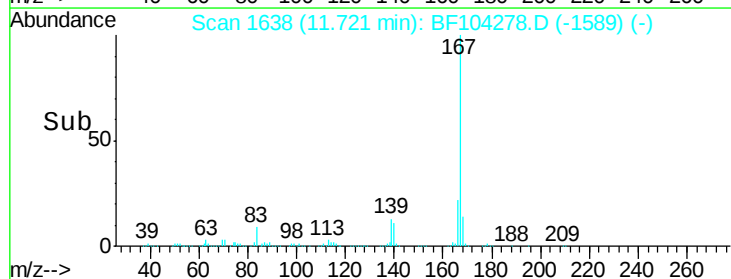
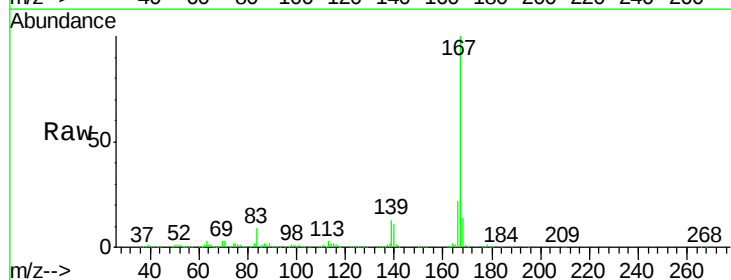
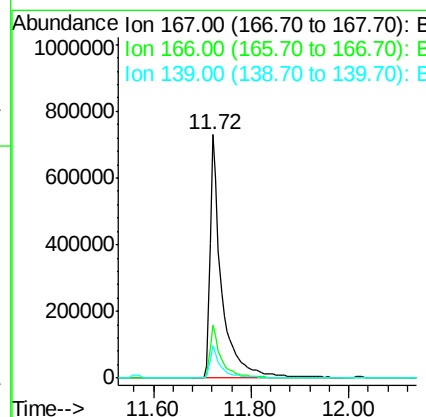
Manual Integrations
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 4/6/2018 11:57:52 AM



#72
 Carbazole
 Concen: 47.024 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion:167 Resp: 1214407
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.348 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:149 Resp: 1302685

Ion Ratio Lower Upper

149 100

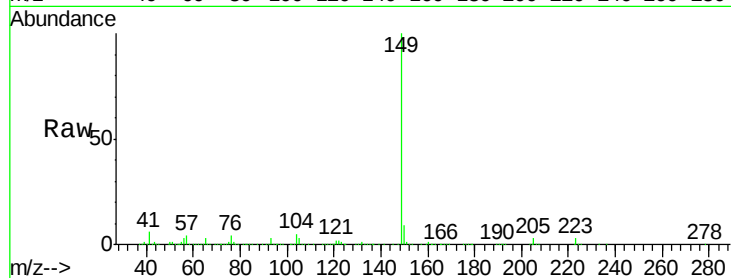
150 9.4 7.8 11.6

104 4.6 3.8 5.8

Manual Integrations
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Sohil

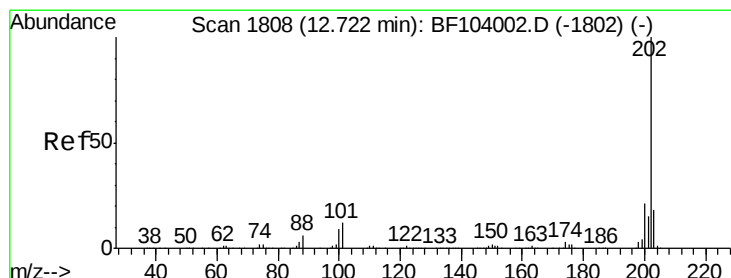
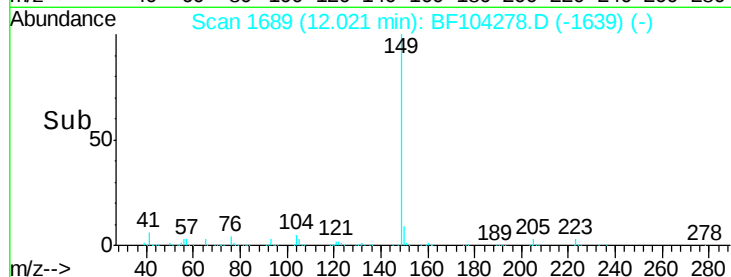
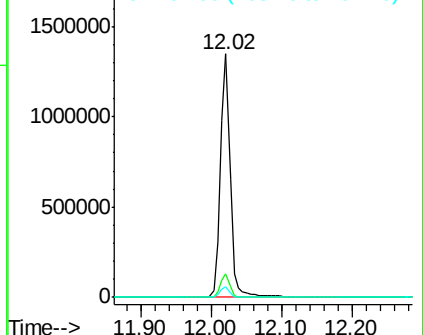
4/6/2018 11:57:52 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.432 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

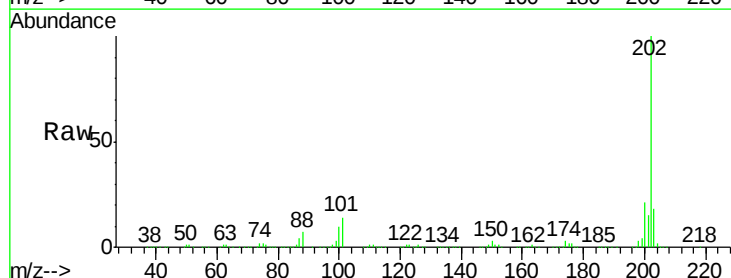
Tgt Ion:202 Resp: 1306049

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

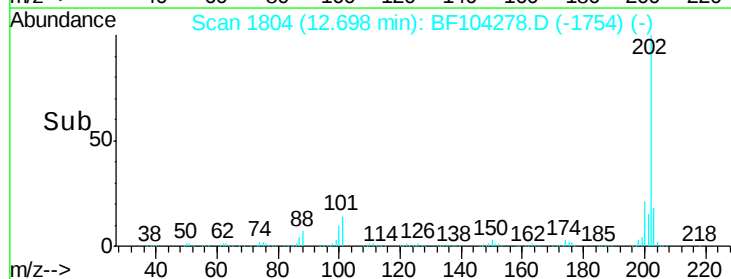
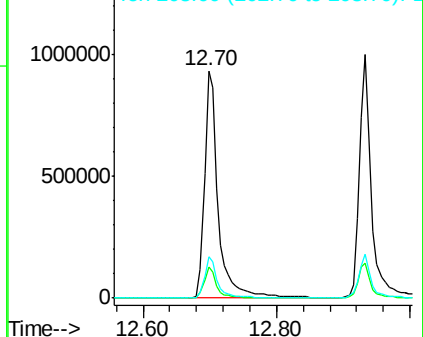
203 18.0 0.0 38.1

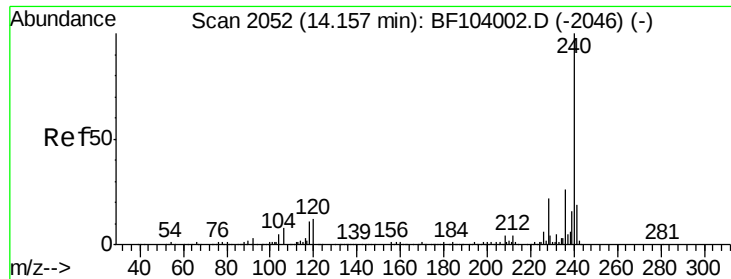


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





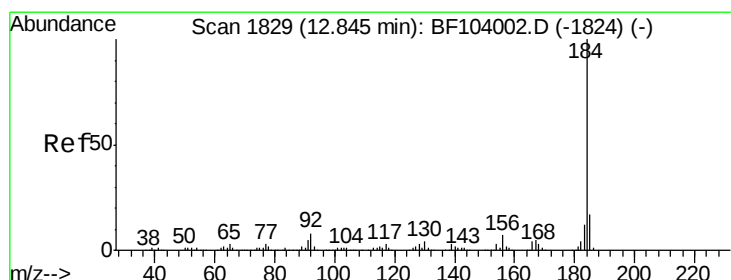
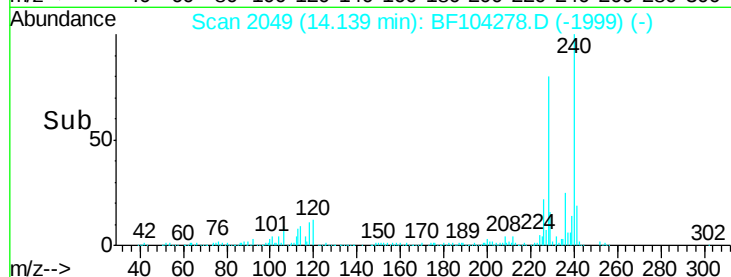
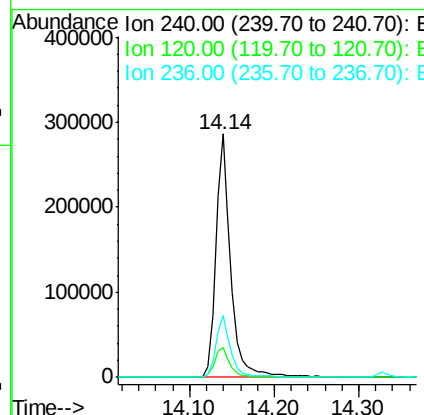
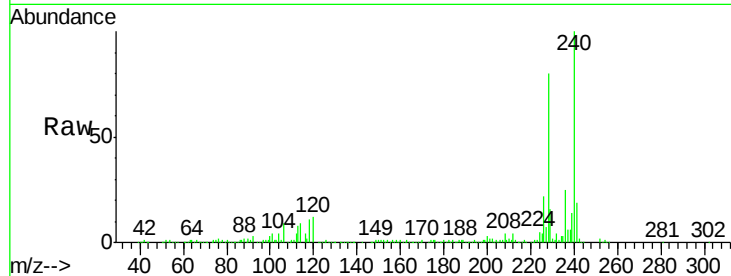
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.4	20.7	31.1

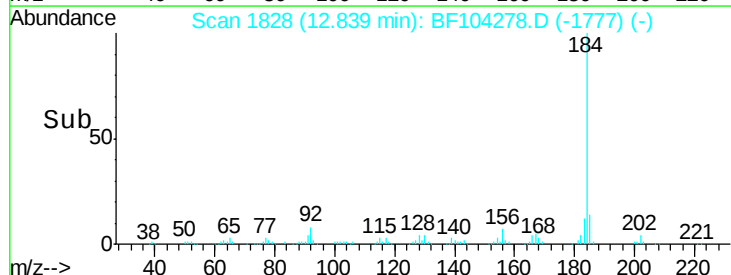
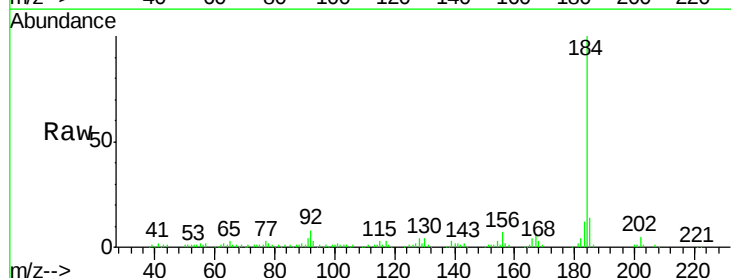
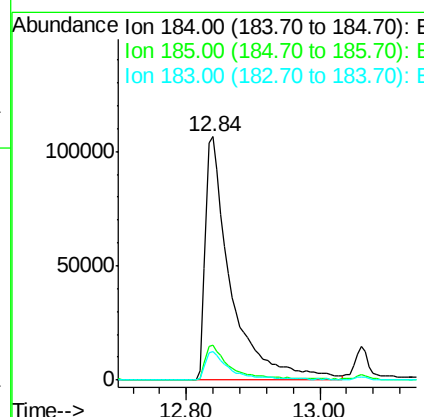
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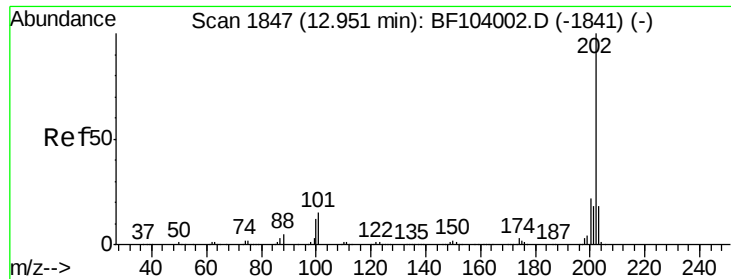
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#76
 Benzidine
 Concen: 27.585 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.9	9.3	13.9





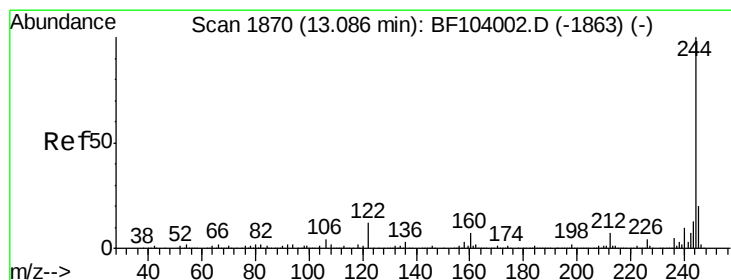
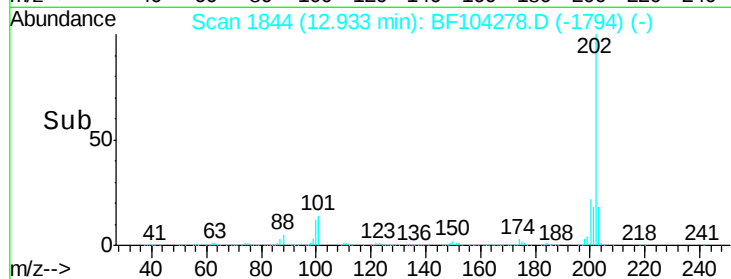
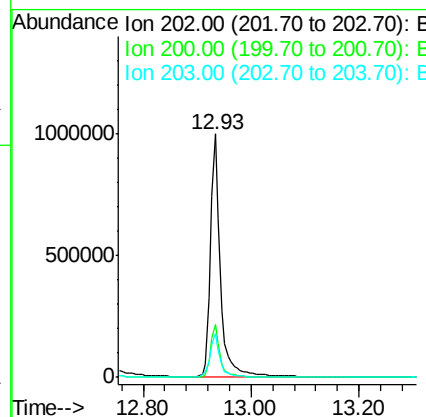
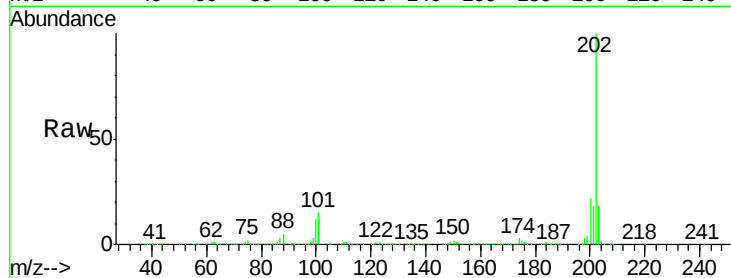
#77
Pvrene
Concen: 49.997 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion:202 Resp: 1282786
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.9 14.3 21.5

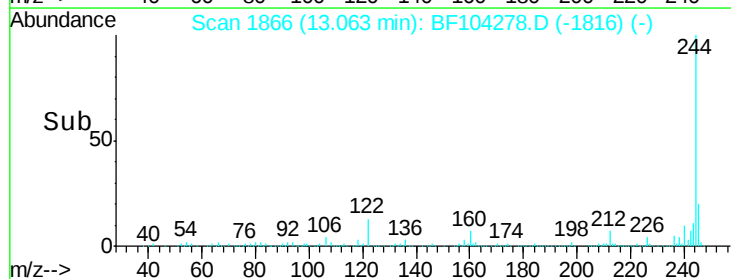
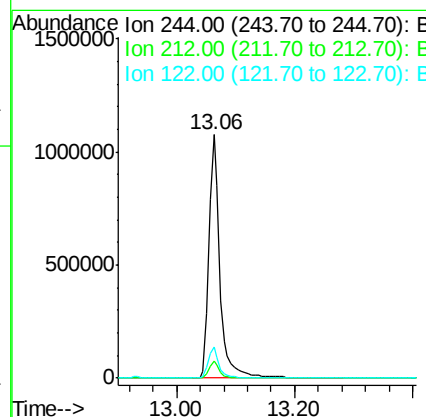
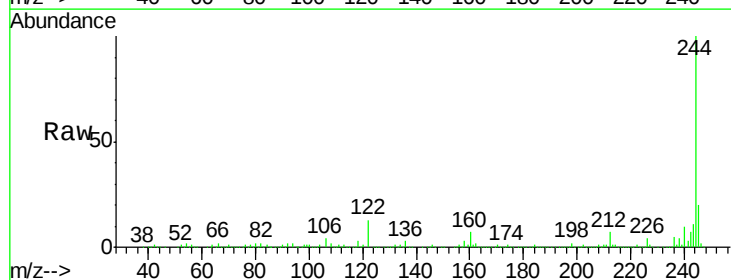
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#78
Terphenyl-d14
Concen: 91.004 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion:244 Resp: 1406741
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.6 11.0 16.4





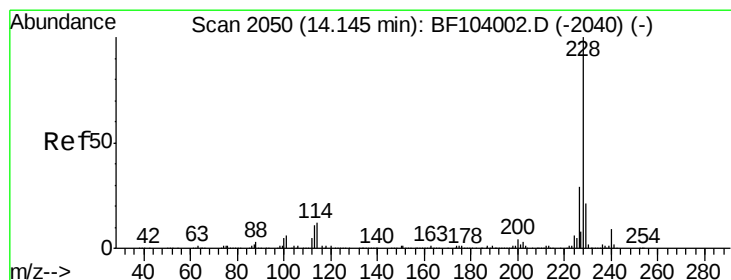
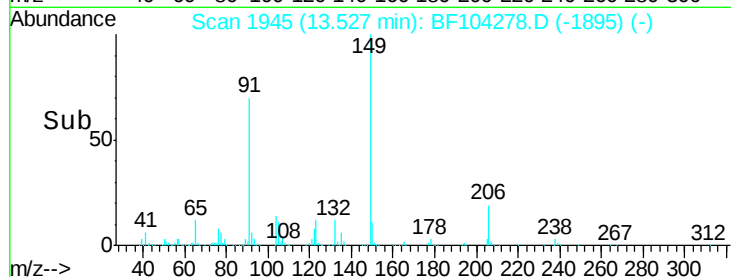
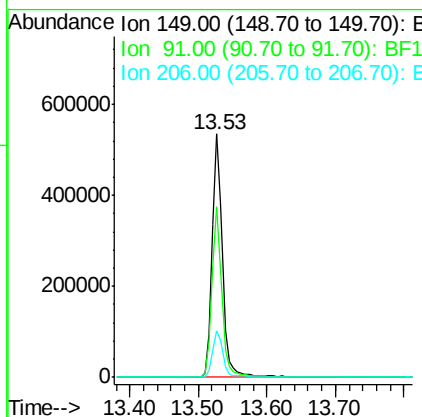
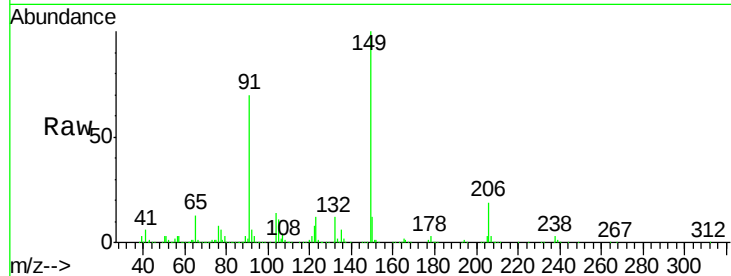
#79
Butylbenzylphthalate
Concen: 46.599 ng
RT: 13.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.8	85.2
206	19.3	14.1	21.1

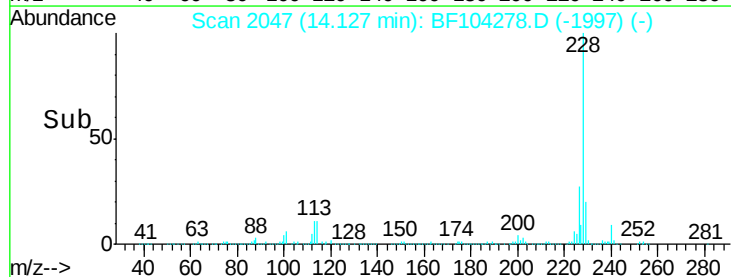
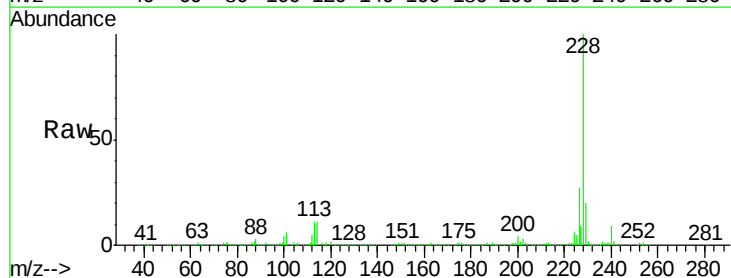
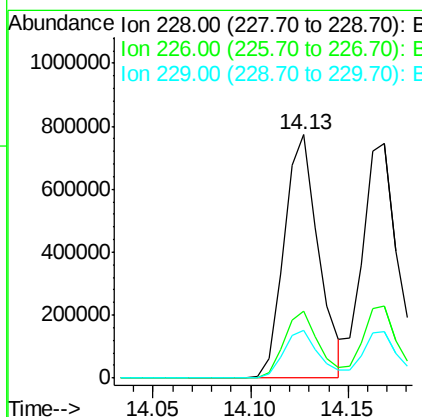
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#80
Benzo(a)anthracene
Concen: 42.366 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6





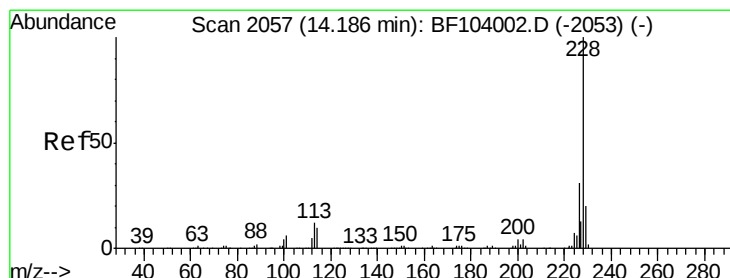
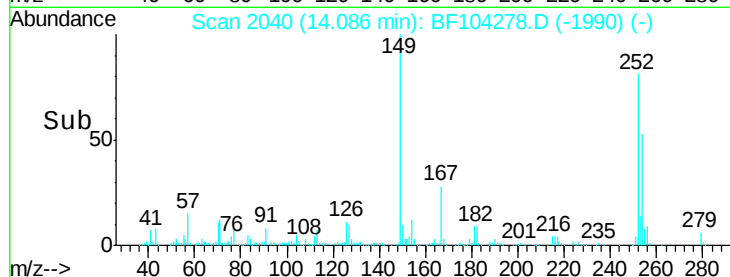
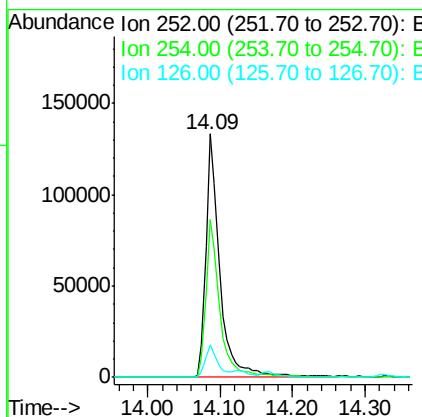
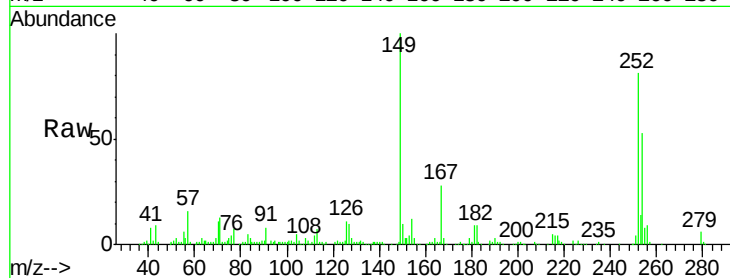
#81
 3,3'-Dichlorobenzidine
 Concen: 24.598 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	181833		
254	64.9	50.4	75.6	
126	13.4	11.3	16.9	

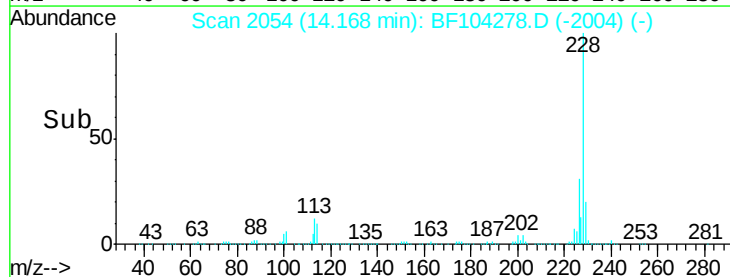
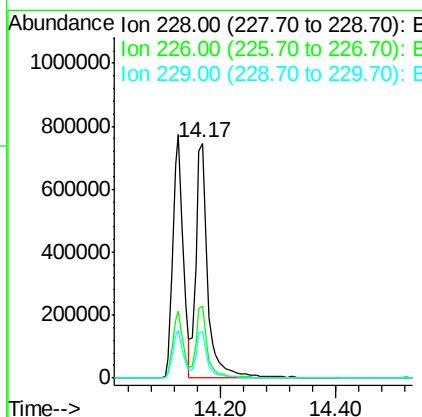
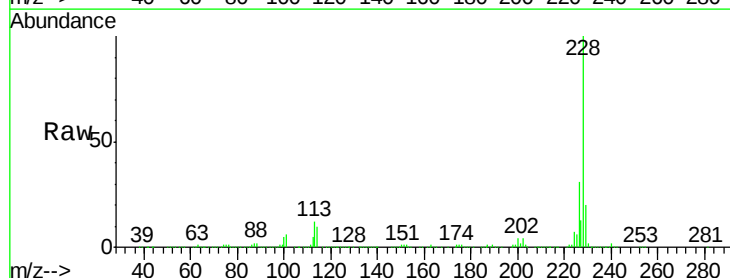
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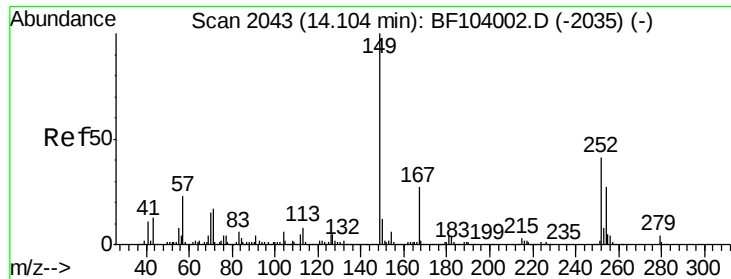
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#82
 Chrysene
 Concen: 48.880 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1069205		
226	30.6	25.0	37.6	
229	19.9	16.2	24.4	





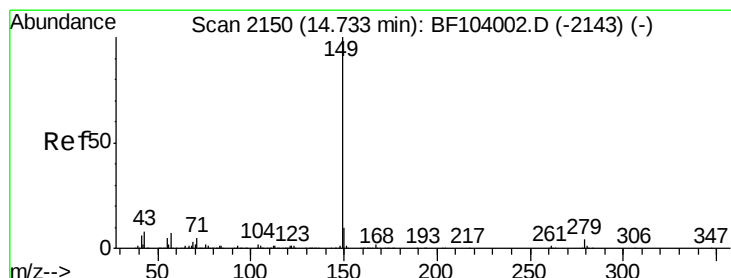
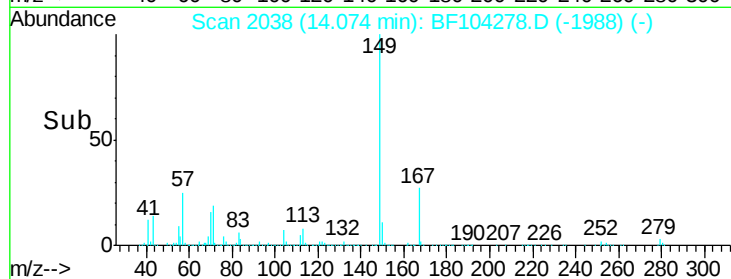
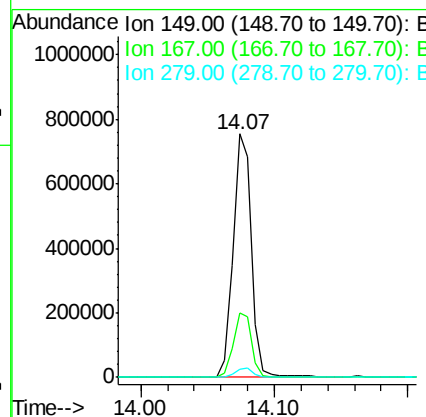
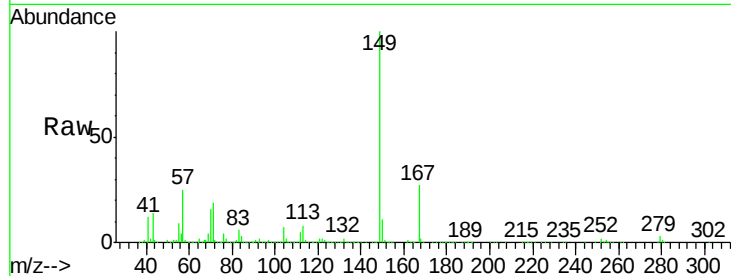
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.632 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.4	3.0	4.4

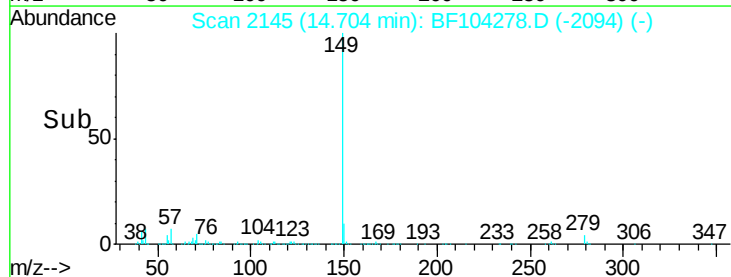
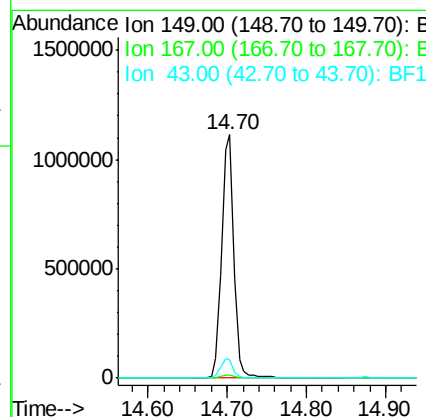
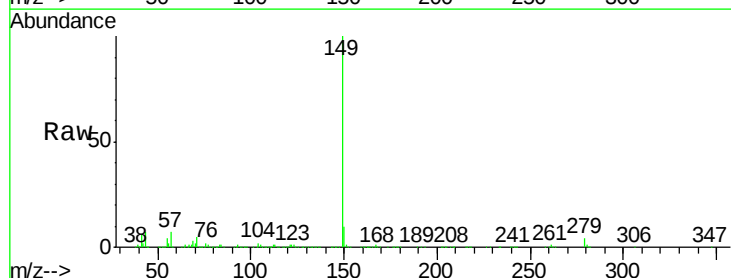
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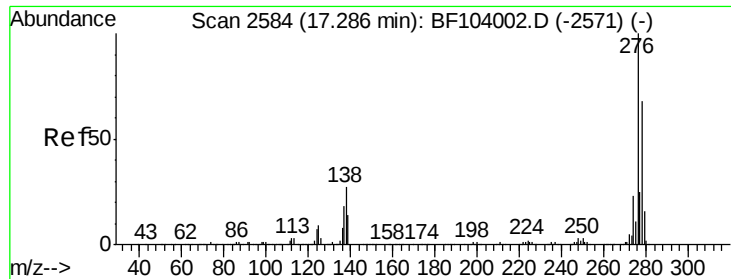
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#84
 Di-n-octyl phthalate
 Concen: 44.107 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	8.4	12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.940 ng

RT: 17.26 min Scan# 2579

Delta R.T. -0.02 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Instrument :

BNA_F

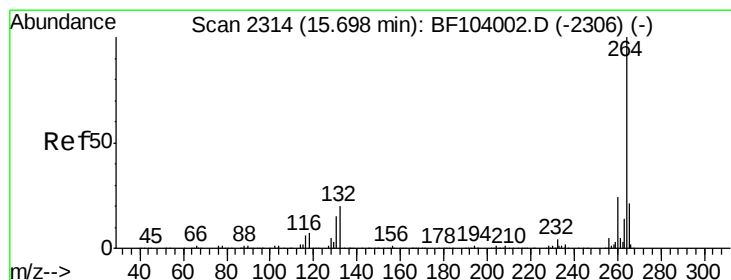
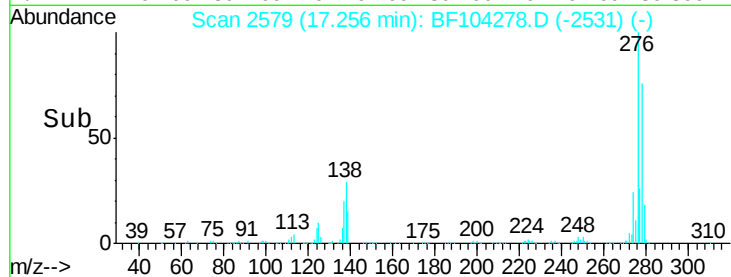
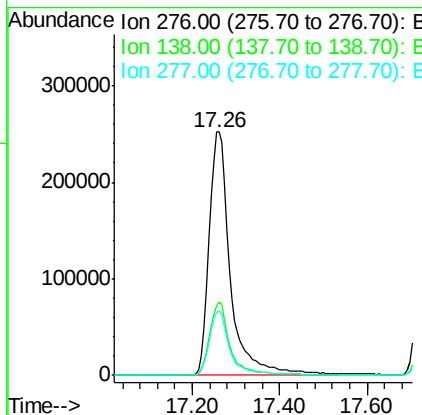
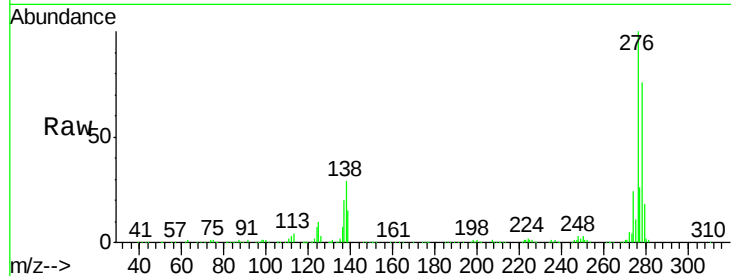
ClientSampleId :

ES-4-DWS-1-NW@4.5MS

Tot Ion:	276	Resp:	859995
Ion Ratio	Lower	Upper	
276	100		
138	28.8	25.0	37.6
277	25.7	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

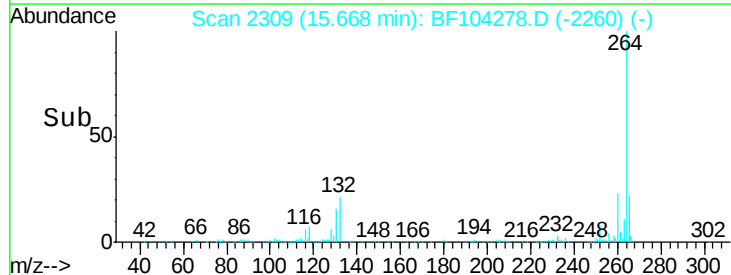
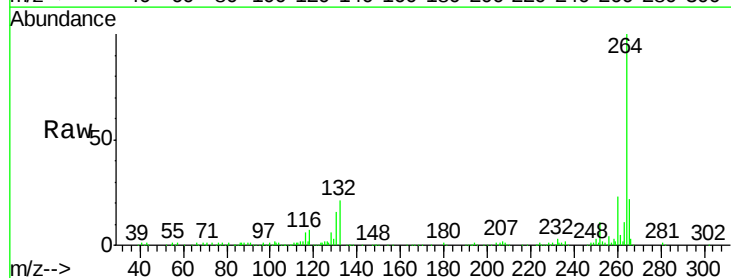
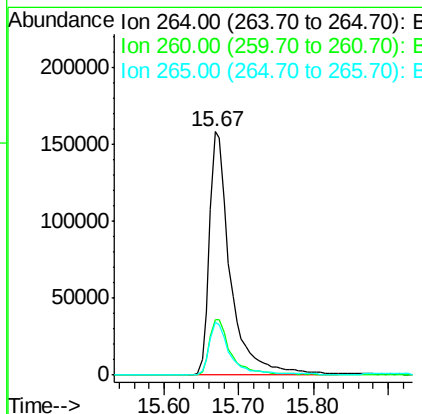
RT: 15.67 min Scan# 2309

Delta R.T. -0.01 min

Lab File: BF104278.D

Acq: 5 Apr 2018 19:15

Tgt Ion:	264	Resp:	309582
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	22.0	17.5	26.3





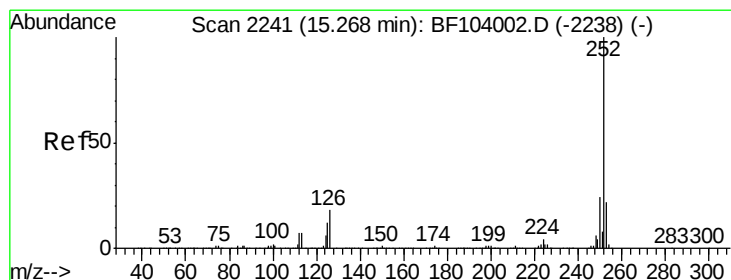
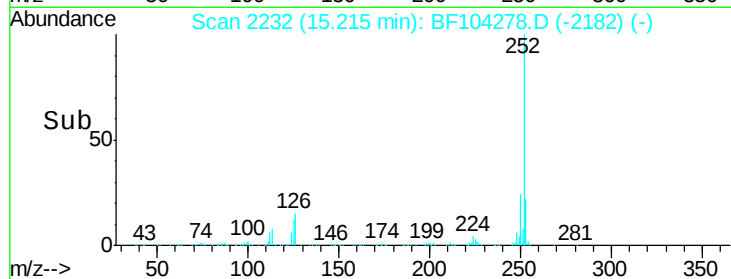
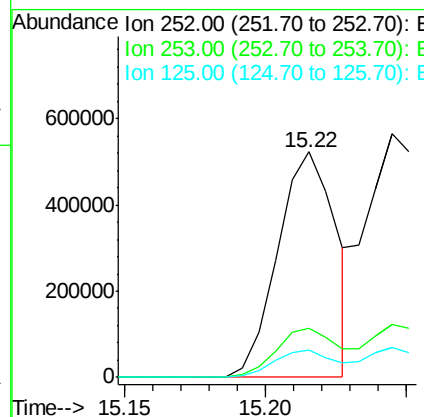
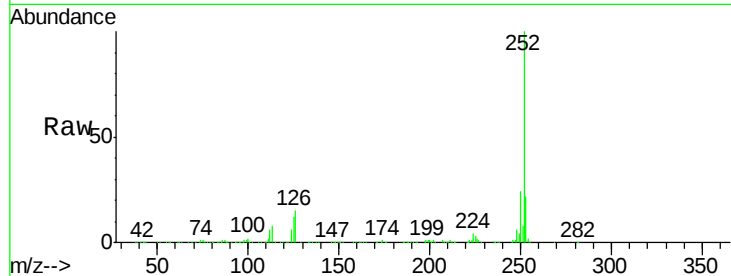
#87
Benzo(b)fluoranthene
Concen: 39.673 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.1	9.0	13.6

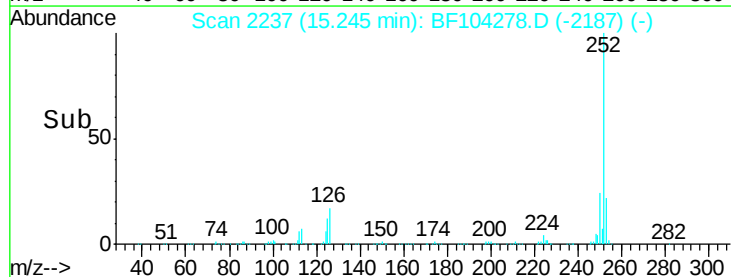
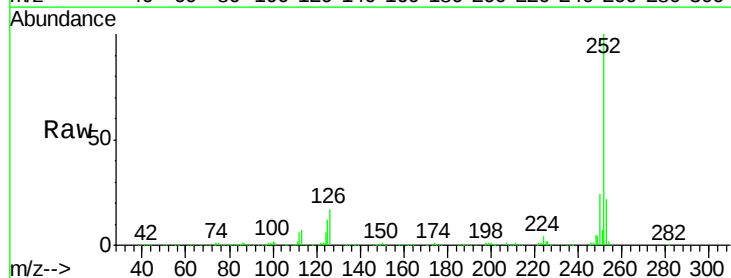
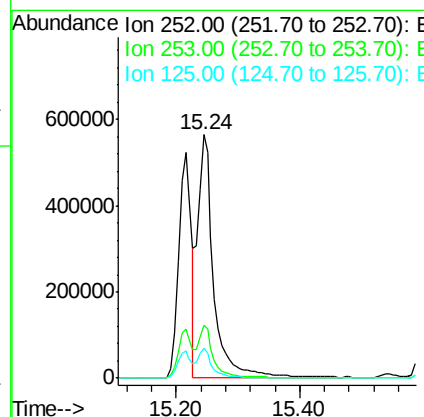
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#88
Benzo(k)fluoranthene
Concen: 56.769 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.4	10.2	15.2





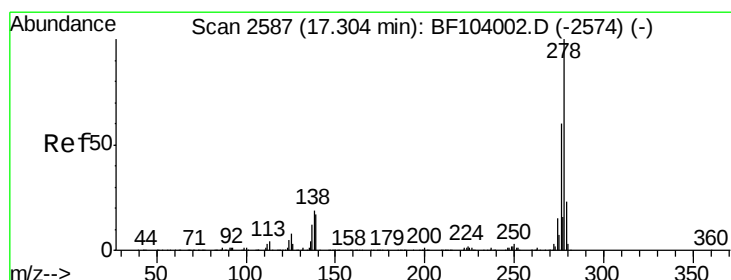
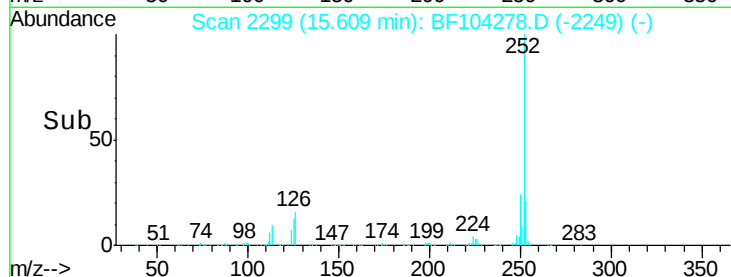
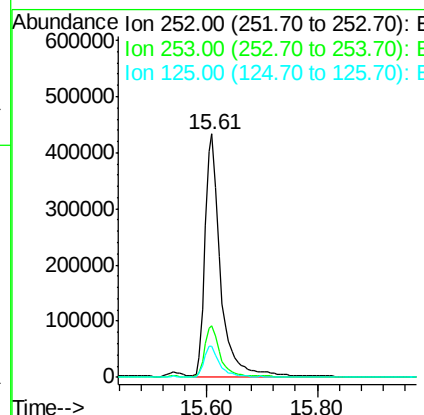
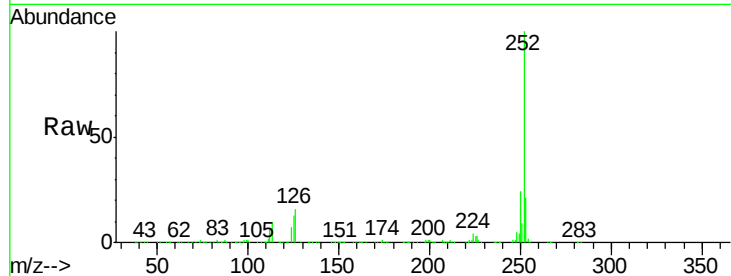
#89
Benzo(a)pyrene
Concen: 47.407 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	12.8	9.8	14.6

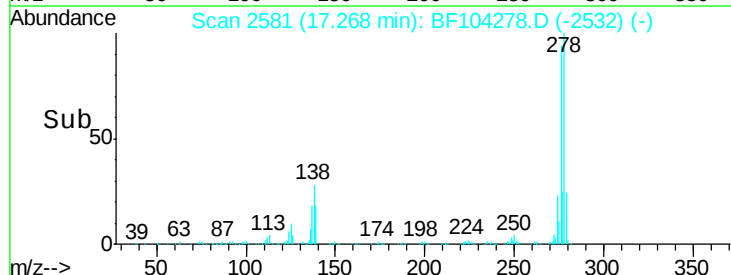
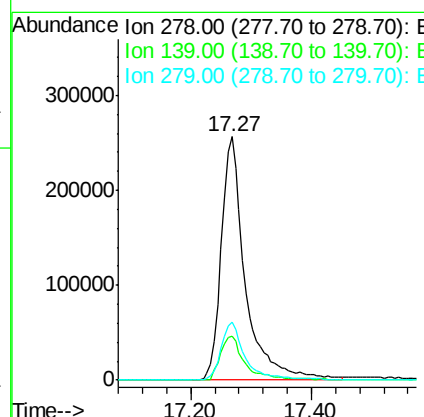
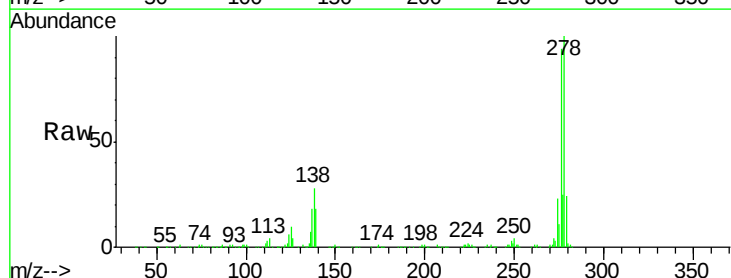
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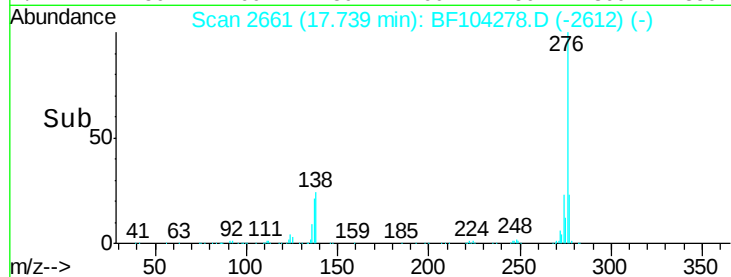
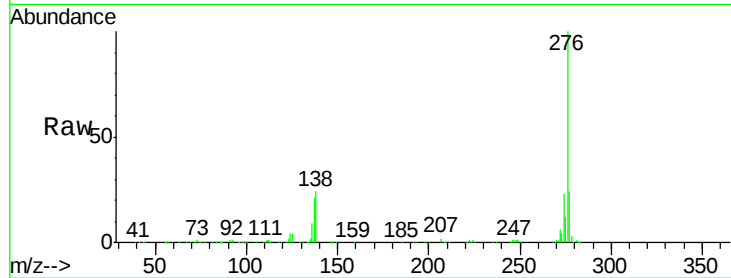
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#90
Dibenzo(a,h)anthracene
Concen: 43.593 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF104278.D
Acq: 5 Apr 2018 19:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.631 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.01 min
 Lab File: BF104278.D
 Acq: 5 Apr 2018 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-1-NW@4.5MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.5		17.9	26.9
138	24.3		21.8	32.8

Manual Integrations
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