

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110969.D
 Acq On : 26 Nov 2018 17:48
 Operator : JU/SJ
 Sample : J6030-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:47:43 AM

Quant Time: Nov 27 10:44:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 03:04:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65998	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	267601	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	133408	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	214243	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126703	20.00	ng	0.00
87) Perylene-d12	15.66	264	127233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	247137	62.10	ng	0.02
7) Phenol-d6	6.59	99	201460	38.84	ng	0.02
23) Nitrobenzene-d5	7.51	82	367707	78.64	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	140518	106.06	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	676104	73.42	ng	0.00
79) Terphenyl-d14	13.06	244	506477	77.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	20697	10.855	ng	89
3) Pyridine	3.69	79	21488m	5.147	ng	
4) n-Nitrosodimethylamine	3.55	42	27090	14.180	ng	# 80
6) Aniline	6.62	93	70399	10.980	ng	89
8) 2-Chlorophenol	6.75	128	169235	35.881	ng	98
9) Benzaldehyde	6.50	77	67096	21.083	ng	99
10) Phenol	6.60	94	142453	24.389	ng	# 72
11) bis(2-Chloroethyl)ether	6.67	93	178046	40.462	ng	94
12) 1,3-Dichlorobenzene	6.87	146	181809	35.088	ng	98
13) 1,4-Dichlorobenzene	6.96	146	185654	34.842	ng	99
14) 1,2-Dichlorobenzene	7.11	146	161578m	32.219	ng	
15) Benzyl Alcohol	7.10	79	118186	29.652	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.20	45	258447	36.905	ng	68
17) 2-Methylphenol	7.20	107	129288	34.476	ng	91
18) Hexachloroethane	7.44	117	69638	35.529	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	138088	40.874	ng	95
20) 3+4-Methylphenols	7.36	107	218961	43.923	ng	# 80
22) Acetophenone	7.36	105	491159	78.303	ng	# 93
24) Nitrobenzene	7.53	77	199146	40.956	ng	98
25) Isophorone	7.77	82	370646	48.324	ng	97
26) 2-Nitrophenol	7.85	139	103134	43.657	ng	97
27) 2,4-Dimethylphenol	7.88	122	181548	50.889	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	243357	47.360	ng	# 90
29) 2,4-Dichlorophenol	8.10	162	153012	40.987	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	165245	39.497	ng	95
31) Naphthalene	8.26	128	3665853	292.242	ng	98
32) Benzoic acid	8.02	122	144755	54.575	ng	# 64
33) 4-Chloroaniline	8.33	127	16742	3.136	ng	# 5
34) Hexachlorobutadiene	8.35	225	88297	37.054	ng	99
35) Caprolactam	8.70	113	2933	2.301	ng	# 29
36) 4-Chloro-3-methylphenol	8.78	107	158763	38.275	ng	97
37) 2-Methylnaphthalene	8.94	142	469649	56.684	ng	99
38) 1-Methylnaphthalene	9.04	142	444931m	55.209	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	158992	37.885	ng	98

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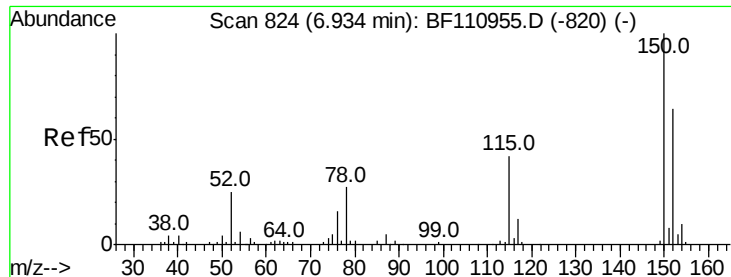
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	2751	17.597	nq	90
43) 2,4,6-Trichlorophenol	9.22	196	110707	44.169	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	114491	43.381	nq	92
46) 1,1'-Biphenyl	9.40	154	490379	39.870	nq	99
47) 2-Chloronaphthalene	9.43	162	350651	39.320	nq	98
48) 2-Nitroaniline	9.54	65	110505	39.617	nq	97
49) Acenaphthylene	9.85	152	514444	40.568	nq	98
50) Dimethylphthalate	9.70	163	415935	42.511	nq	98
51) 2,6-Dinitrotoluene	9.77	165	89082	40.898	nq #	88
52) Acenaphthene	10.02	154	333742	41.054	nq	98
53) 3-Nitroaniline	9.96	138	14770	5.818	nq #	93
54) 2,4-Dinitrophenol	10.07	184	60576	78.774	nq	94
55) Dibenzofuran	10.19	168	538775	45.429	nq	98
56) 4-Nitrophenol	10.14	139	44441	34.060	nq #	85
57) 2,4-Dinitrotoluene	10.19	165	111490	39.452	nq #	89
58) Fluorene	10.54	166	443289	48.042	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	95309	44.004	nq #	90
60) Diethylphthalate	10.40	149	401855	39.828	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	184506	38.229	nq	97
62) 4-Nitroaniline	10.57	138	51145	21.637	nq	99
63) Azobenzene	10.68	77	347687	35.354	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	41099	40.554	nq	86
66) n-Nitrosodiphenylamine	10.64	169	324680	45.524	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	106308	45.561	nq #	90
68) Hexachlorobenzene	11.09	284	109863	44.206	nq #	94
69) Atrazine	11.18	200	23437	9.891	nq	99
70) Pentachlorophenol	11.29	266	107555	108.777	nq	98
71) Phenanthrene	11.50	178	702047	61.871	nq	100
72) Anthracene	11.56	178	537672	46.529	nq	99
73) Carbazole	11.72	167	416828	37.163	nq	100
74) Di-n-butylphthalate	12.02	149	578063	44.080	nq	99
75) Fluoranthene	12.70	202	457786	39.254	nq	99
78) Pyrene	12.93	202	438774	47.414	nq	98
80) Butylbenzylphthalate	13.52	149	188930	45.220	nq	99
81) Benzo(a)anthracene	14.12	228	337294	45.090	nq	100
82) 3,3'-Dichlorobenzidine	14.09	252	2811	1.096	nq #	82
83) Chrysene	14.16	228	325631	44.221	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	263998	47.421	nq	98
85) Di-n-octyl phthalate	14.69	149	424096	48.259	nq #	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	347110	65.669	nq	98
88) Benzo(b)fluoranthene	15.21	252	319729	42.776	nq	99
89) Benzo(k)fluoranthene	15.24	252	321358	41.771	nq	99
90) Benzo(a)pyrene	15.60	252	319074	45.861	nq	98
91) Dibenzo(a,h)anthracene	17.26	278	291334	50.751	nq	99
92) Benzo(g,h,i)perylene	17.73	276	273311	49.380	nq	98

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



#1

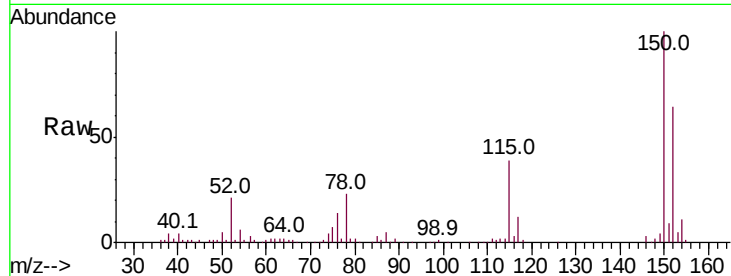
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	60.4	49.1	73.7

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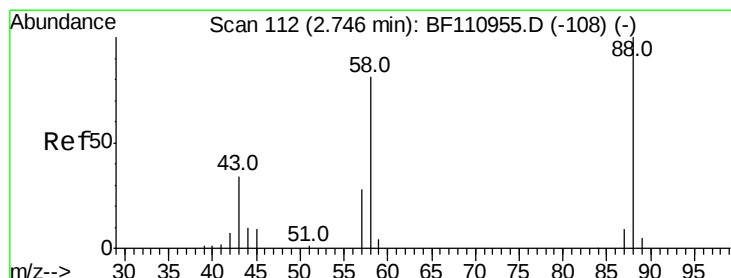
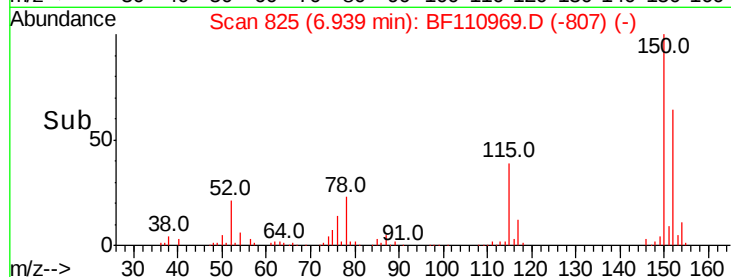
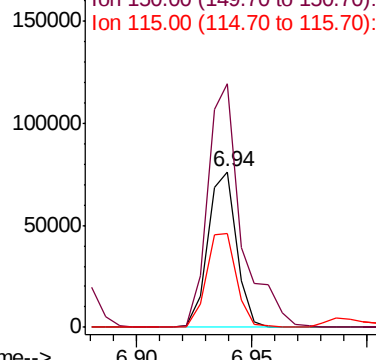


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 10.855 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.04 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

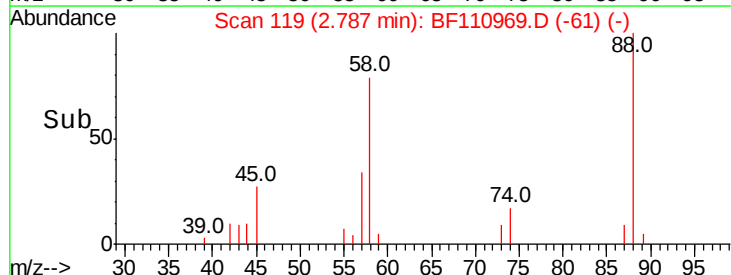
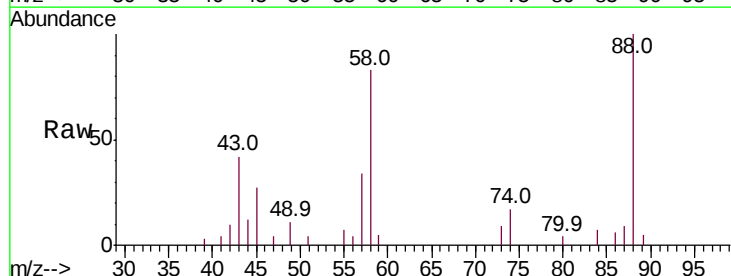
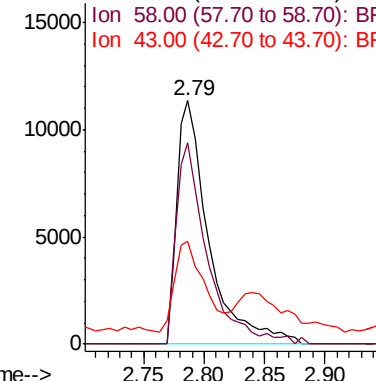
Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	57.1	85.7
43	34.8	24.1	36.1

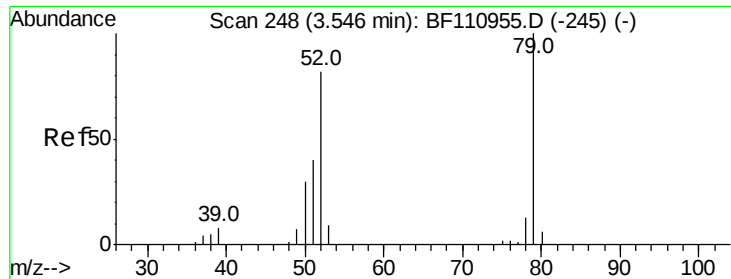
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





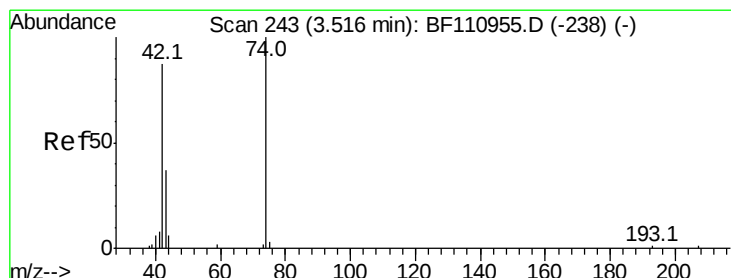
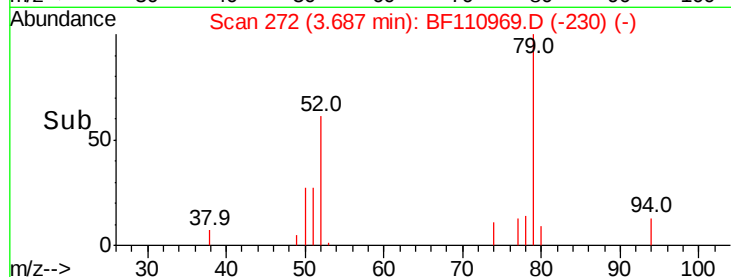
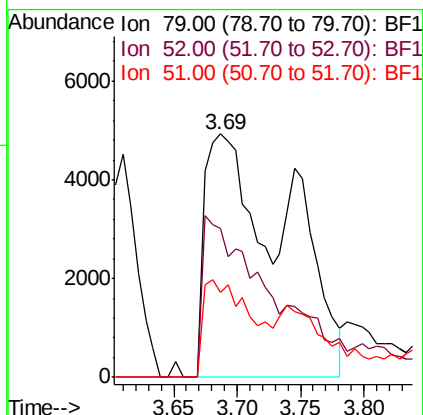
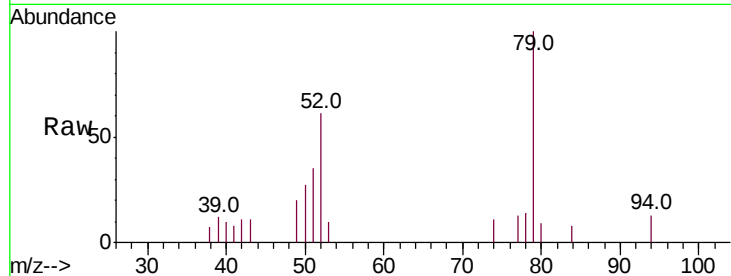
#3
Pvridine
Concen: 5.147 ng/ml
RT: 3.69 min Scan# 272
Delta R.T. 0.15 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleID :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.1	53.1	79.7
51	34.7	27.4	41.2

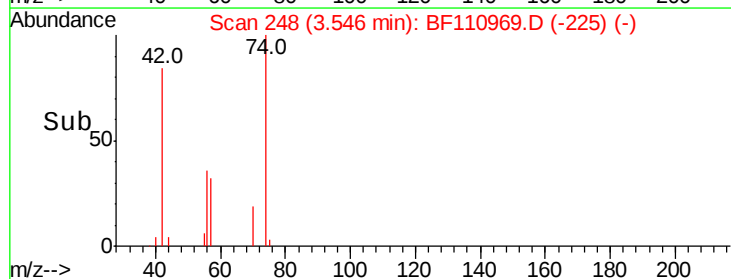
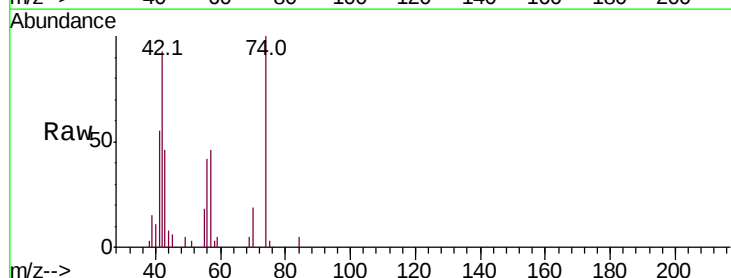
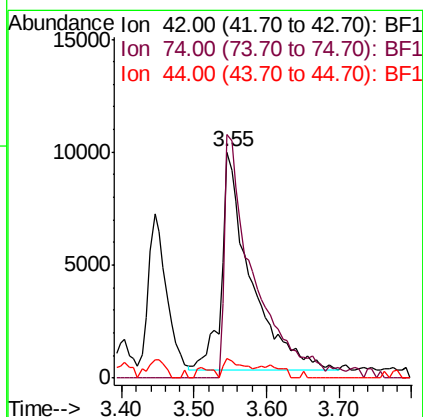
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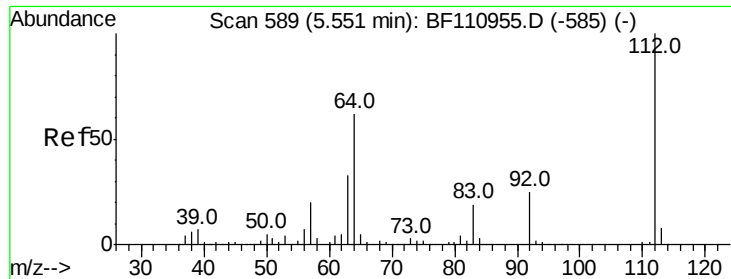
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#4
n-Nitrosodimethylamine
Concen: 14.180 ng
RT: 3.55 min Scan# 248
Delta R.T. 0.04 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.6	105.5	158.3
44	8.9	4.9	7.3





#5

2-Fluorophenol

Concen: 62.098 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

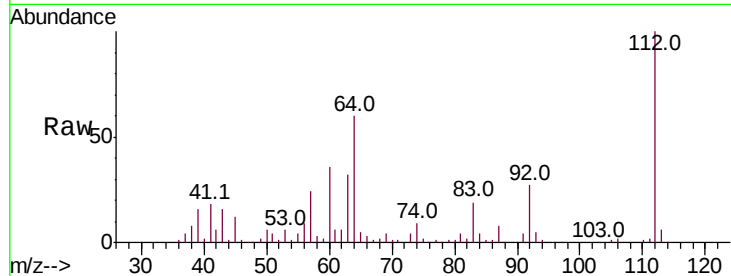
ClientSampleId :

DTW-03MS

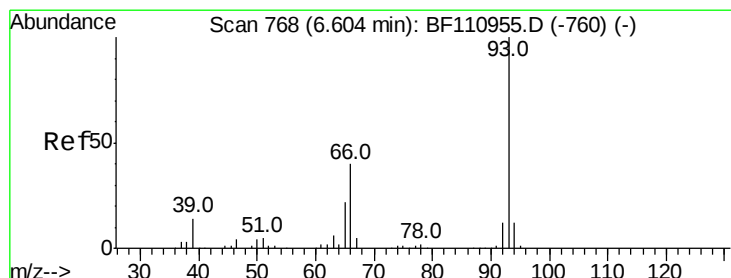
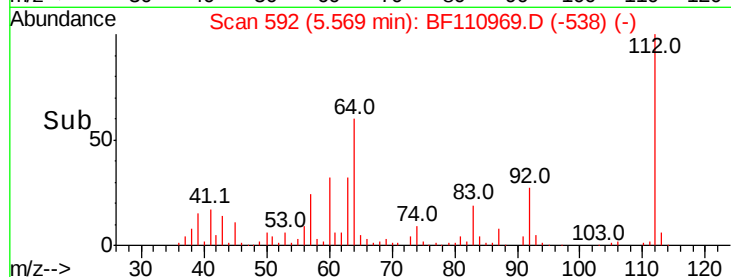
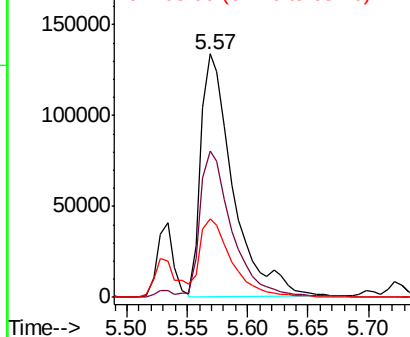
Tot Ion:	112	Resp:	247137
Ion Ratio	Lower	Upper	
112	100		
64	59.9	44.1	66.1
63	32.1	23.7	35.5

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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: 10.980 ng

RT: 6.62 min Scan# 770

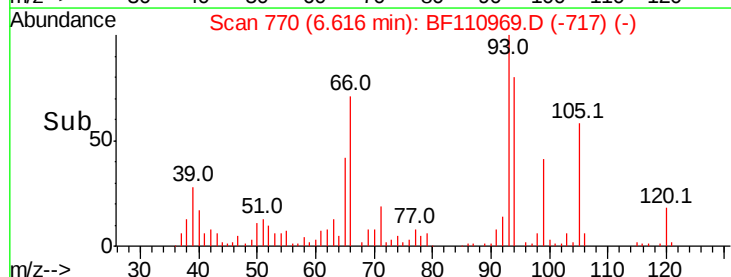
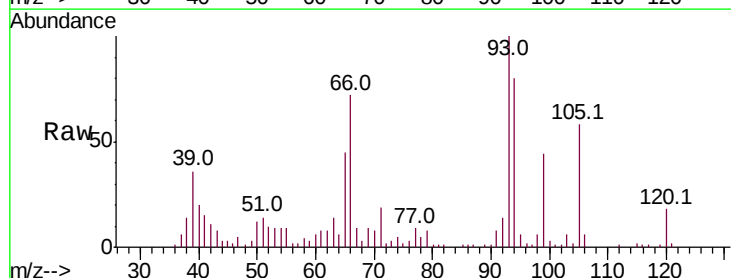
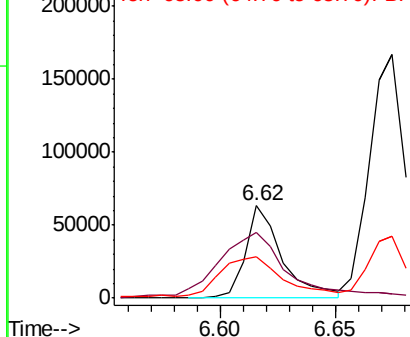
Delta R.T. 0.01 min

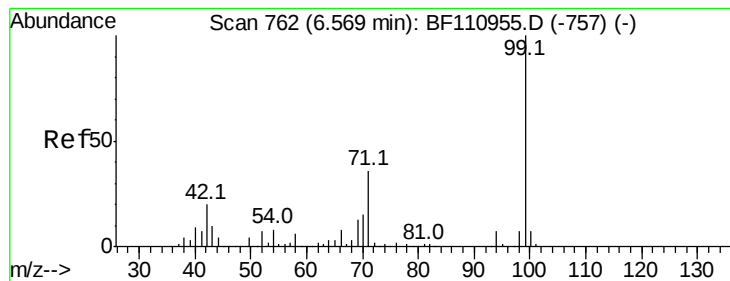
Lab File: BF110969.D

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Tgt Ion:	93	Resp:	70399
Ion Ratio	Lower	Upper	
93	100		
66	72.0	67.4	101.0
65	45.4	41.0	61.4

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: 38.844 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

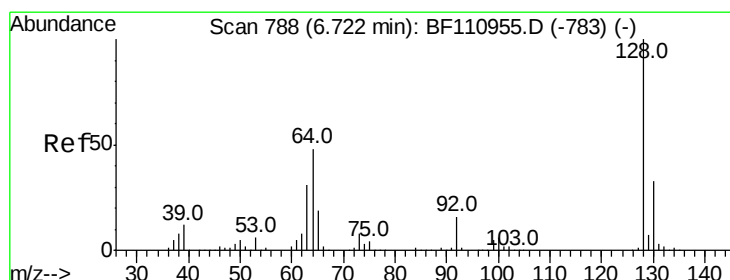
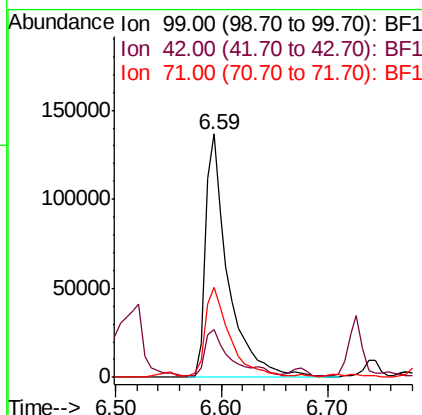
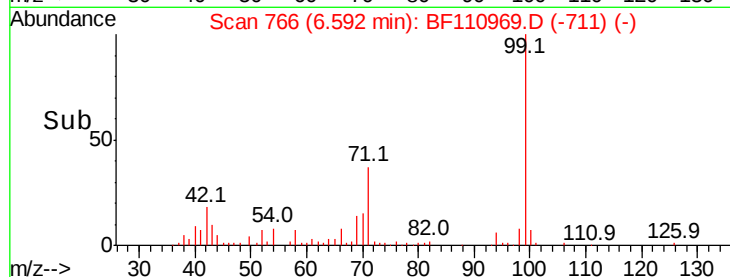
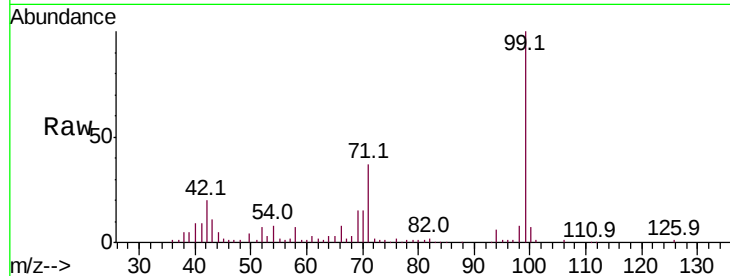
ClientSampleId :

DTW-03MS

Tot Ion:	99	Resp:	201460
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.8	23.6
71	37.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 35.881 ng

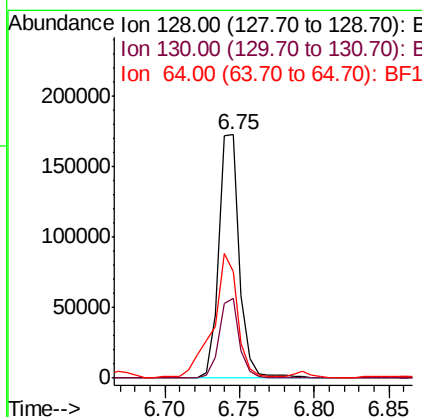
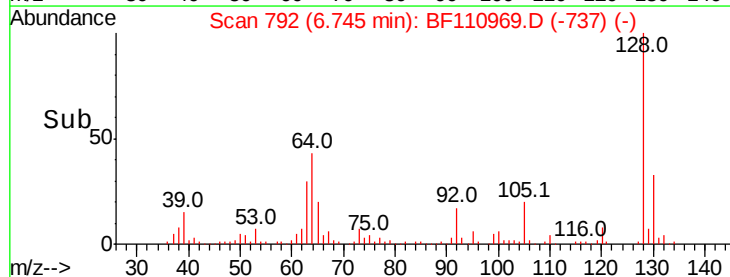
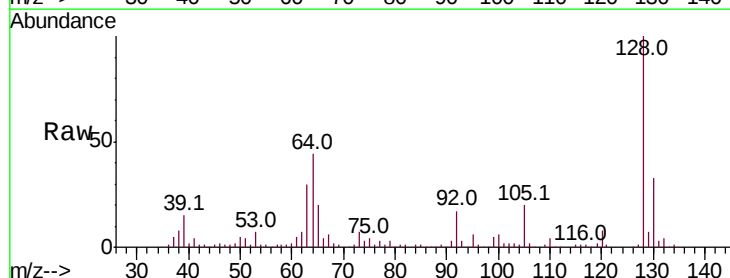
RT: 6.75 min Scan# 792

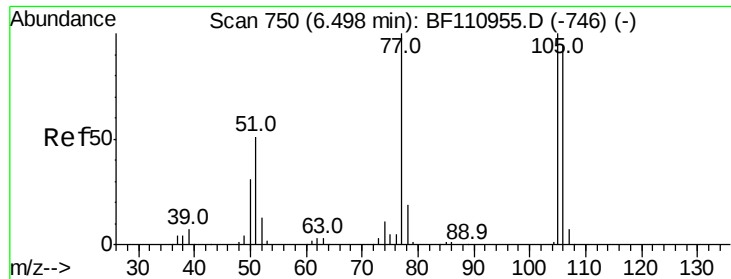
Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Tgt Ion:	128	Resp:	169235
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.1	53.1
64	43.6	26.0	66.0





#9

Benzaldehyde

Concen: 21.083 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleID :

DTW-03MS

Tot Ion: 77 Resp: 67096

Ion Ratio Lower Upper

77 100

105 100.9 78.6 118.6

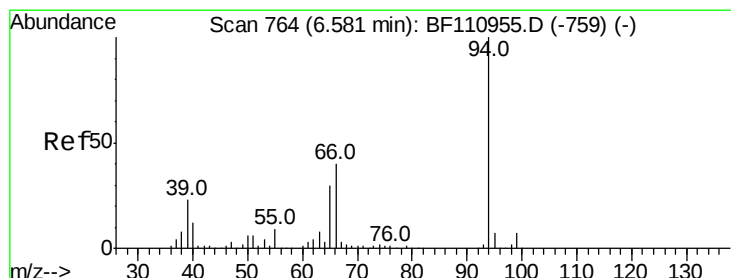
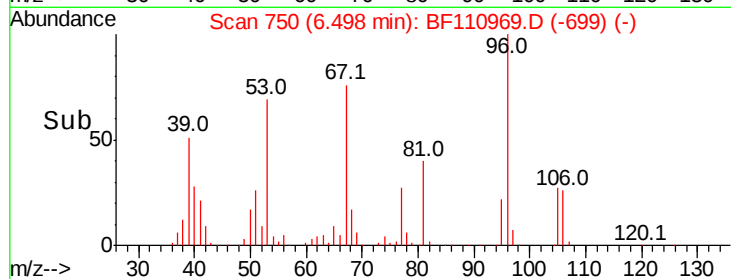
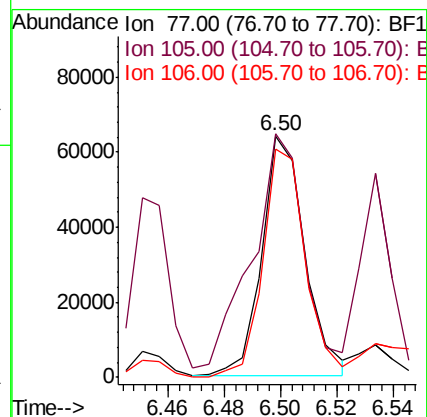
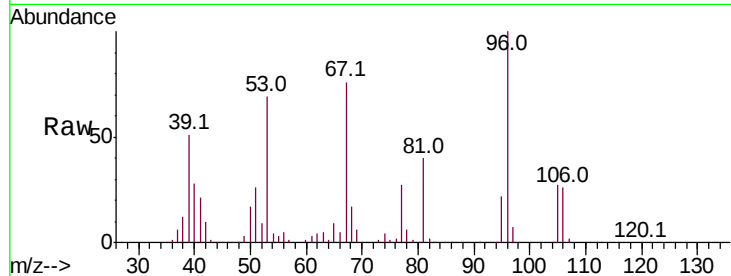
106 94.7 74.8 114.8

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#10

Phenol

Concen: 24.389 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

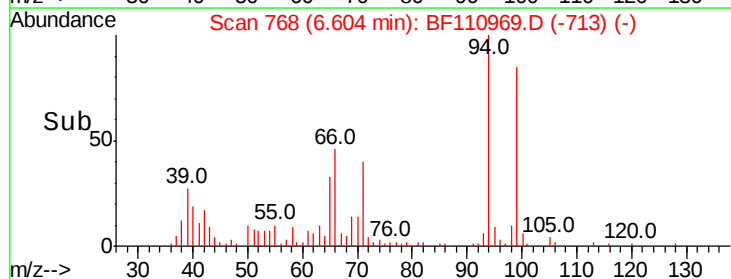
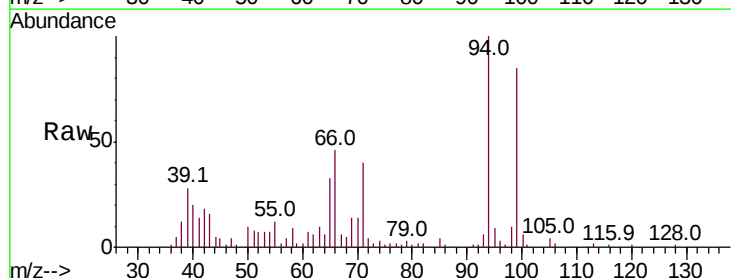
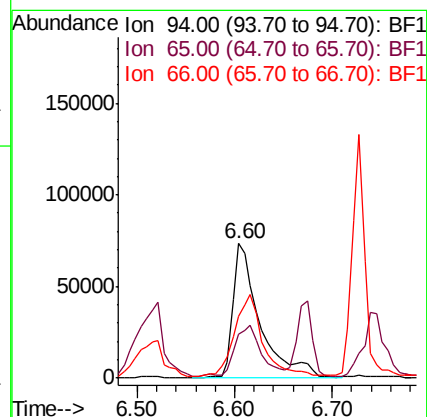
Tgt Ion: 94 Resp: 142453

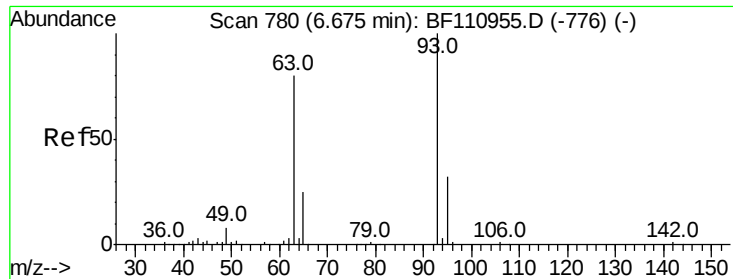
Ion Ratio Lower Upper

94 100

65 32.6 25.3 65.3

66 45.8 54.5 94.5#





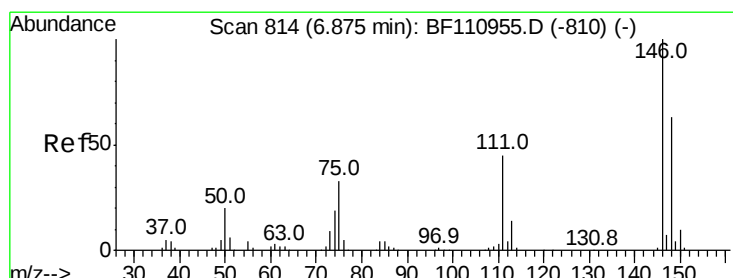
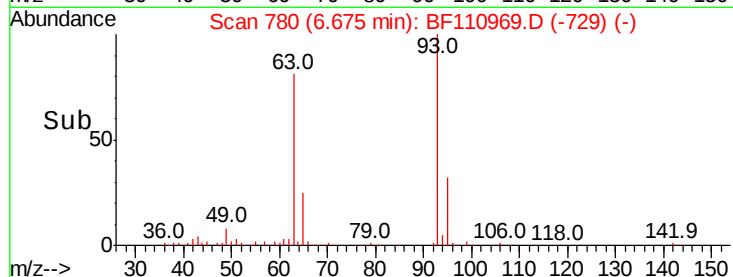
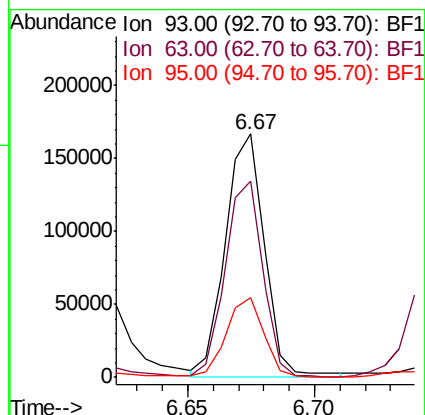
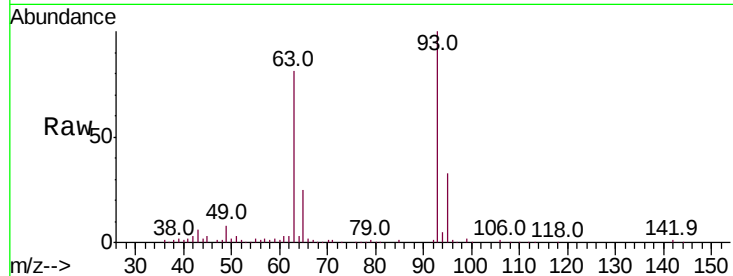
#11
bis(2-Chloroethyl)ether
Concen: 40.462 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	53.4	93.4
95	32.5	12.1	52.1

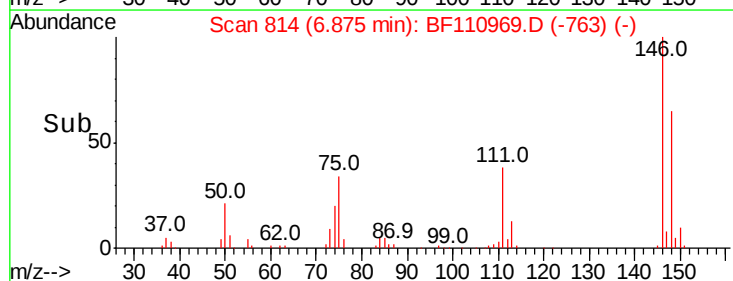
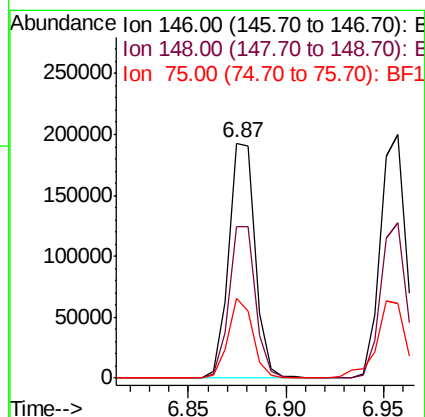
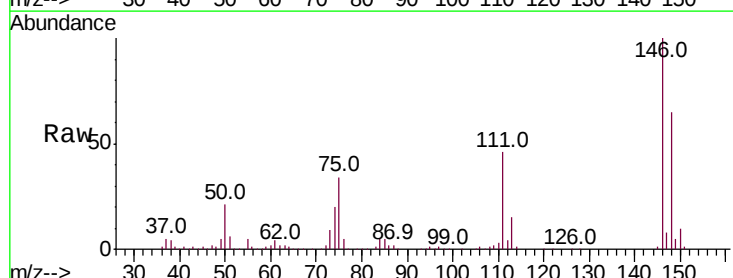
Manual Integrations
APPROVED

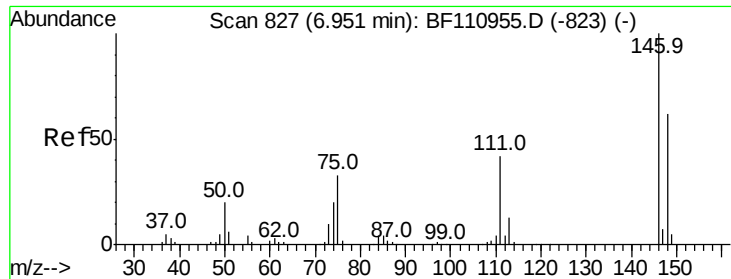
mohammad
11/27/2018 11:47:43 AM



#12
1,3-Dichlorobenzene
Concen: 35.088 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
75	34.0	25.8	38.6





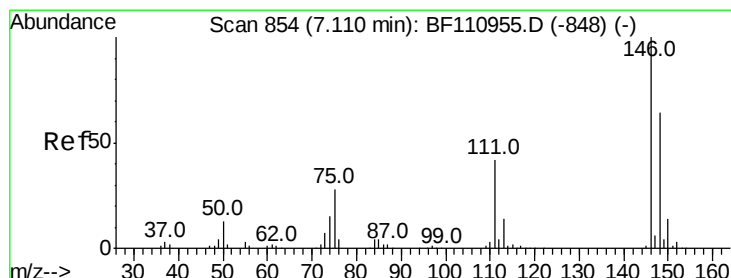
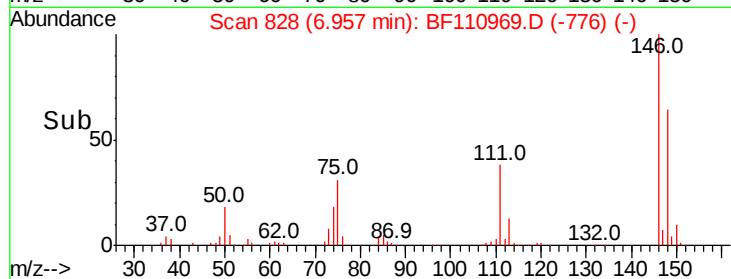
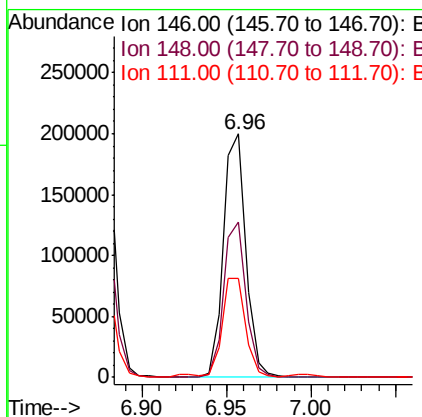
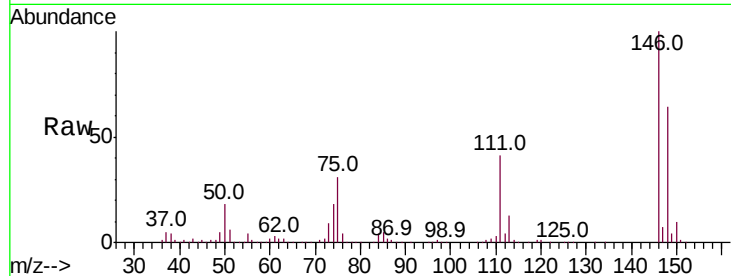
#13
 1,4-Dichlorobenzene
 Concen: 34.842 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampled :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	40.9	32.7	49.1

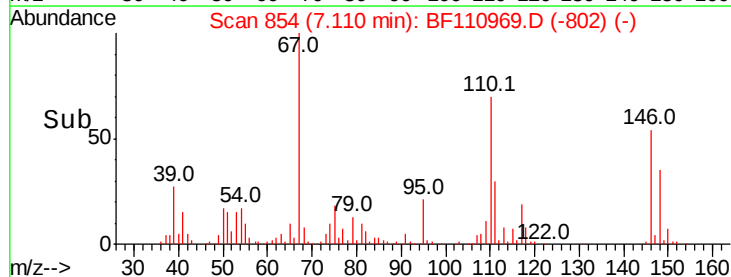
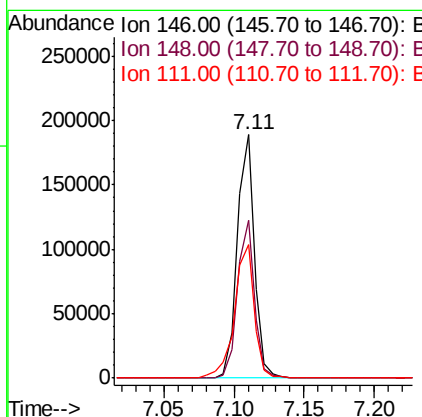
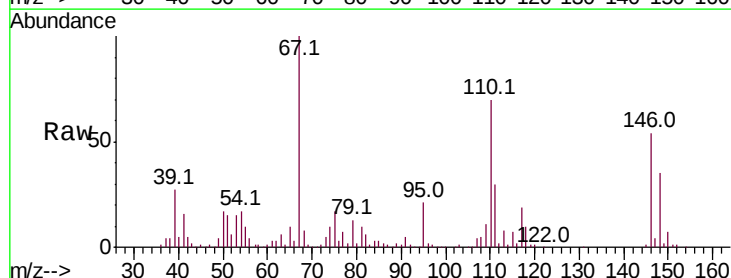
Manual Integrations
 APPROVED

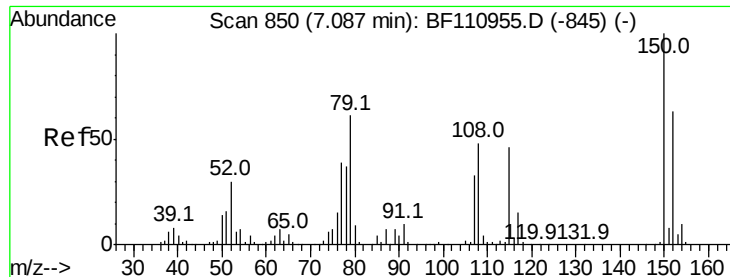
mohammad
 11/27/2018 11:47:43 AM



#14
 1,2-Dichlorobenzene
 Concen: 32.219 ng m
 RT: 7.11 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	55.0	35.8	53.6





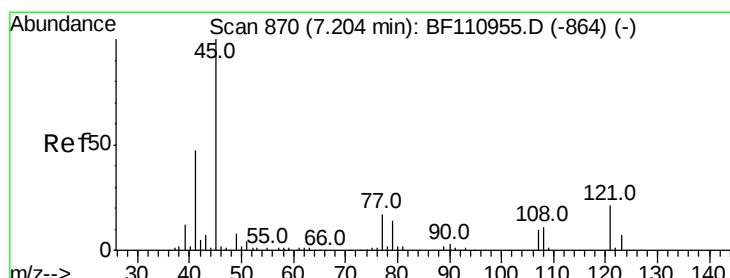
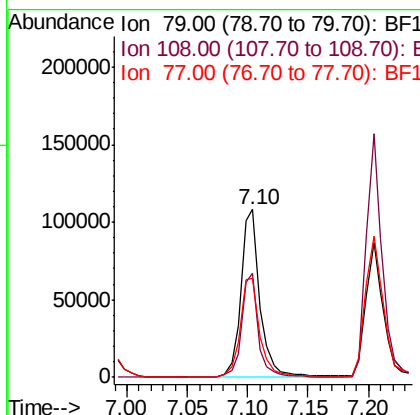
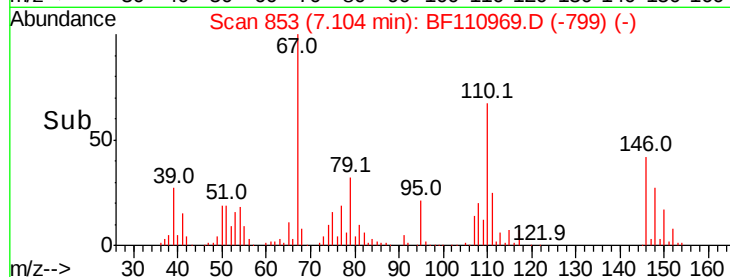
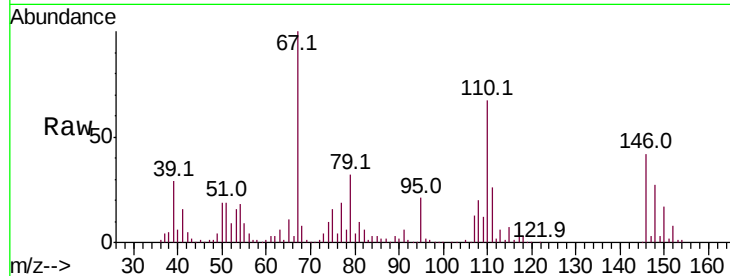
#15
Benzyl Alcohol
Concen: 29.652 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.0	56.3	84.5
77	58.9	52.9	79.3

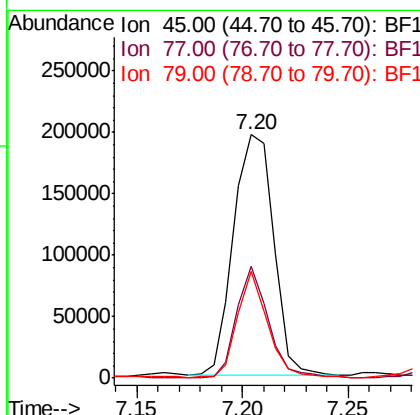
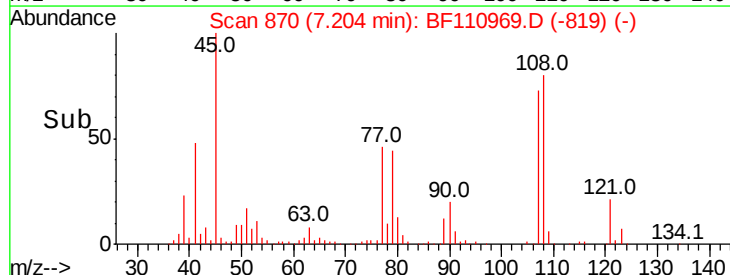
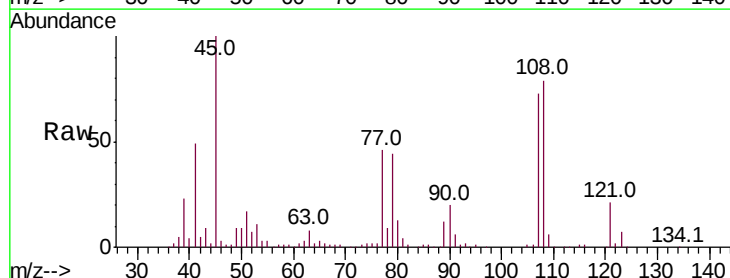
Manual Integrations
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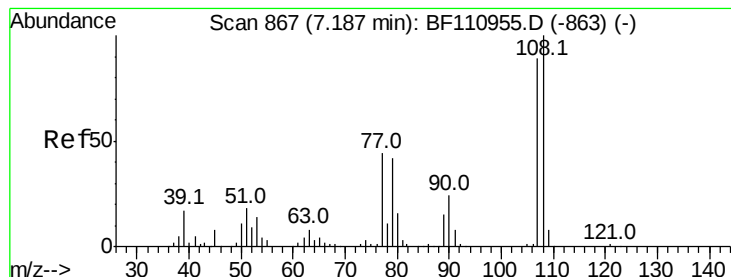
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.905 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	45.8	10.0	50.0
79	44.0	6.1	46.1





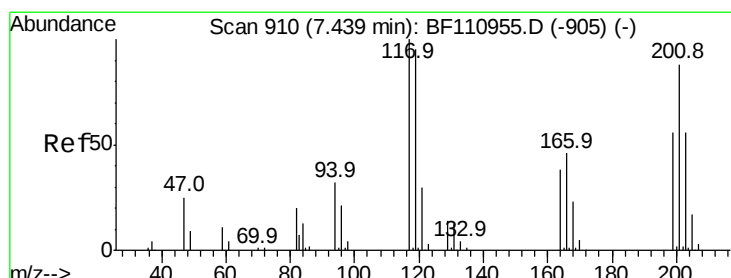
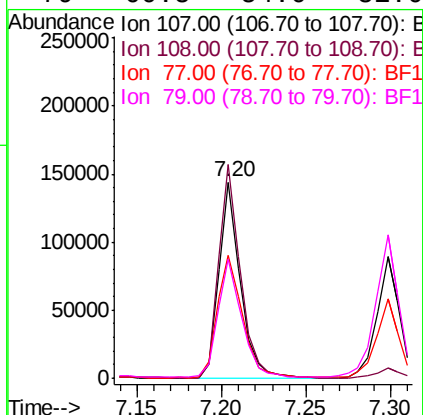
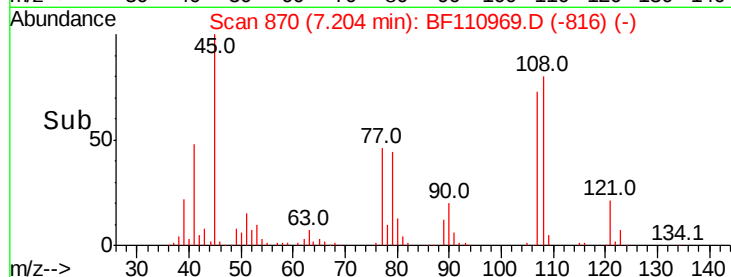
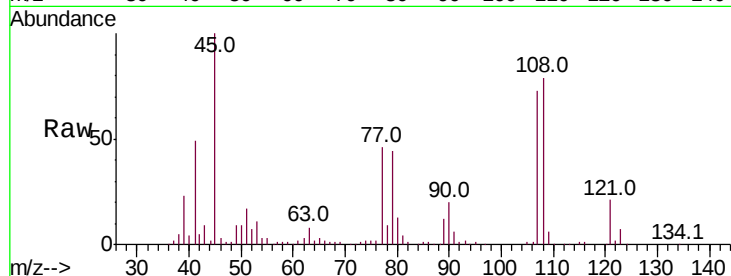
#17
2-Methylphenol
Concen: 34.476 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion:	107	Resp:	129288
Ion Ratio	Lower	Upper	
107	100		
108	108.8	92.6	138.8
77	62.9	59.4	89.2
79	60.5	54.0	81.0

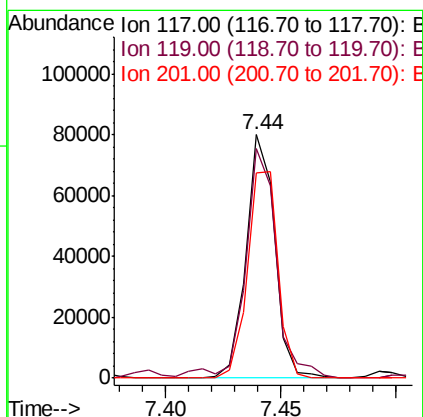
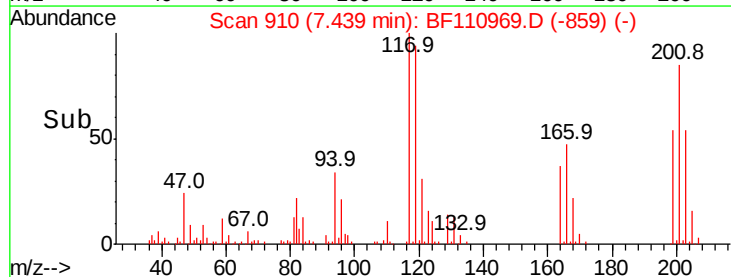
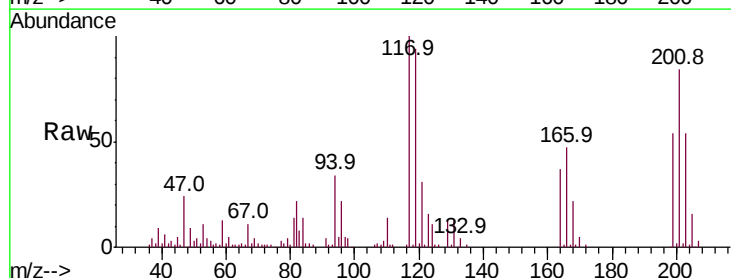
Manual Integrations
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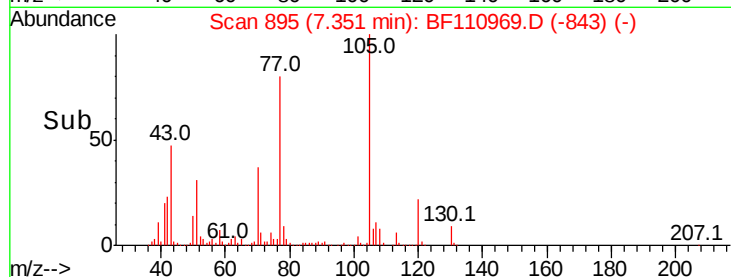
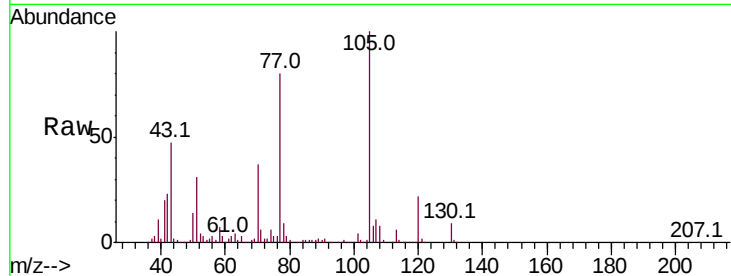
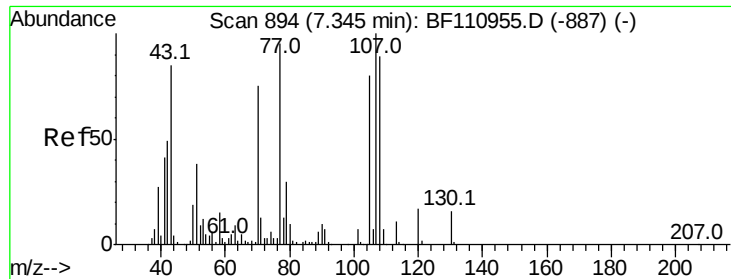
mohammad
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#18
Hexachloroethane
Concen: 35.529 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion:	117	Resp:	69638
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.0	112.6
201	84.4	79.2	118.8





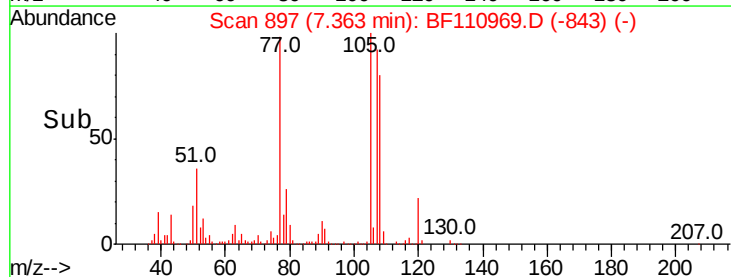
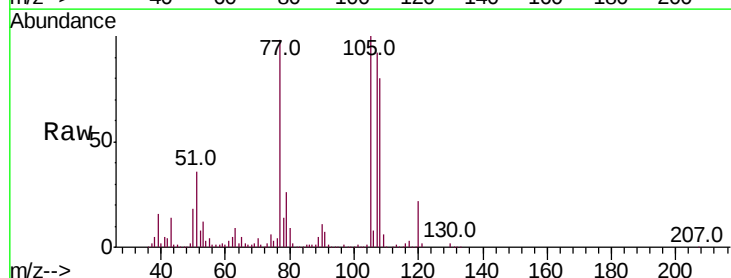
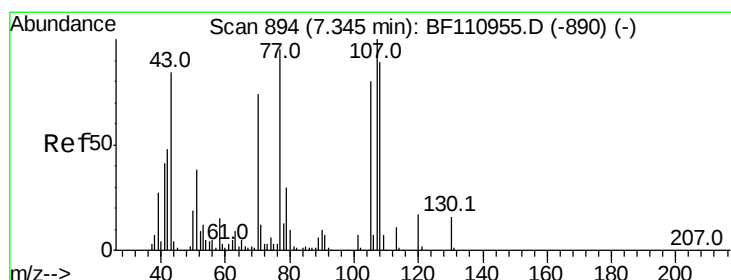
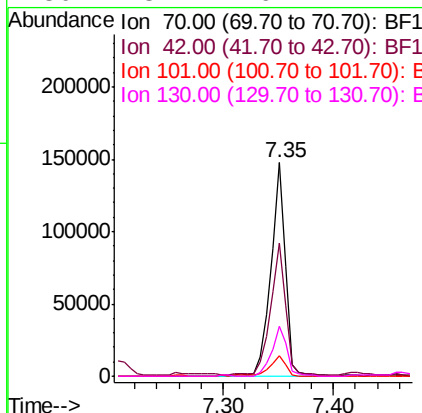
#19
n-Nitroso-di-n-propylamine
Concen: 40.874 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.4	71.2
101	9.7	7.3	10.9
130	23.1	16.2	24.2

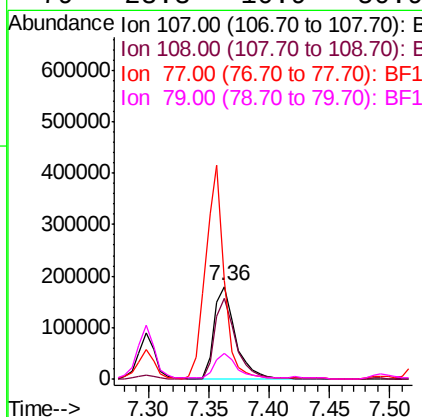
Manual Integrations
APPROVED

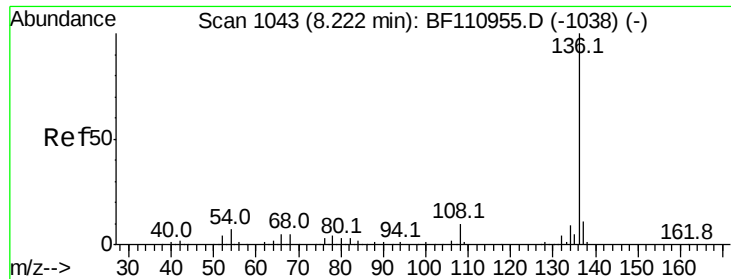
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#20
3+4-Methylphenols
Concen: 43.923 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.4	111.4
77	106.2	47.3	87.3#
79	28.3	10.9	50.9





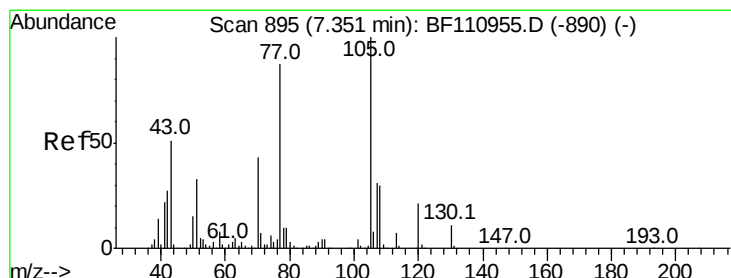
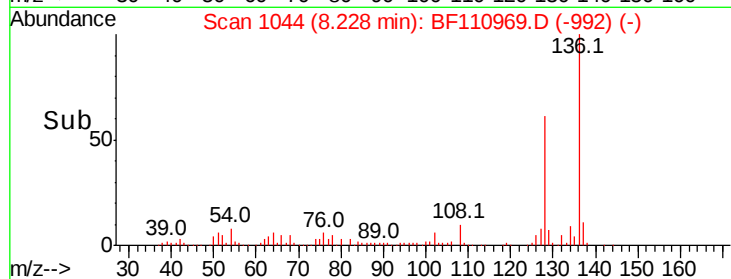
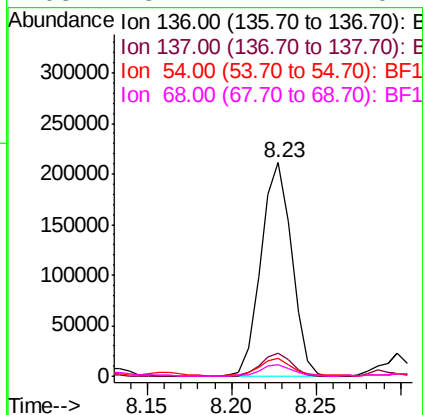
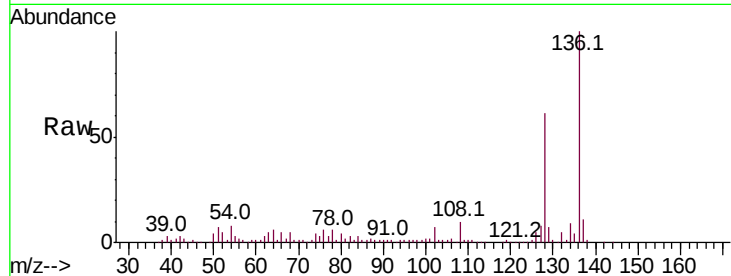
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	267601		
137	11.0	8.8	13.2	
54	8.2	5.4	8.2#	
68	5.4	4.2	6.2	

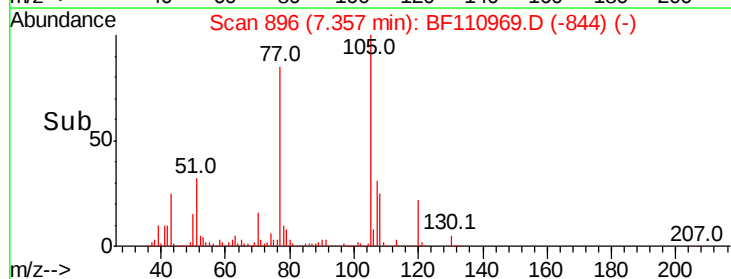
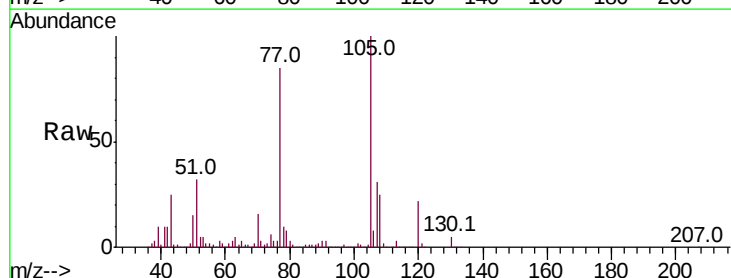
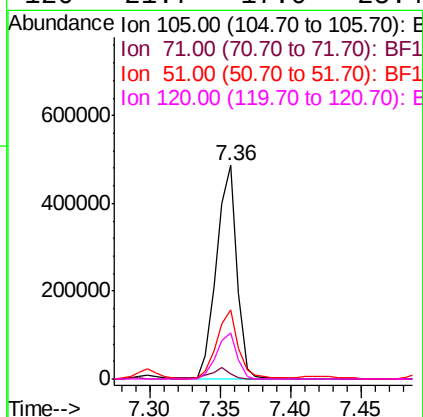
Manual Integrations
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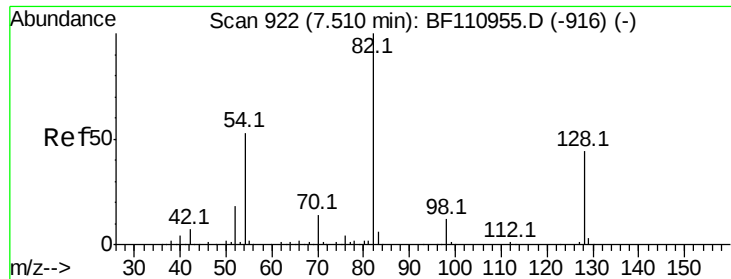
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#22
Acetophenone
Concen: 78.303 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491159		
71	2.6	5.2	7.8#	
51	32.5	21.8	32.8	
120	21.7	17.0	25.4	





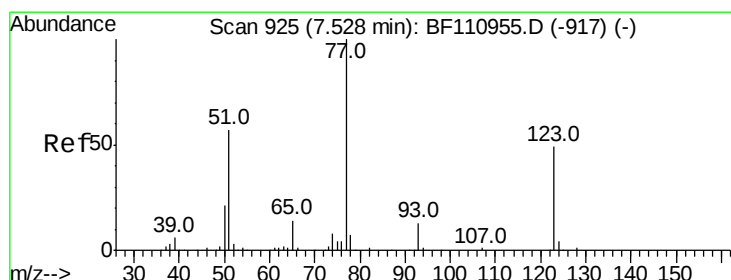
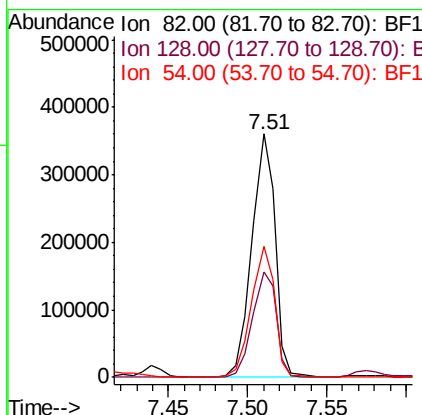
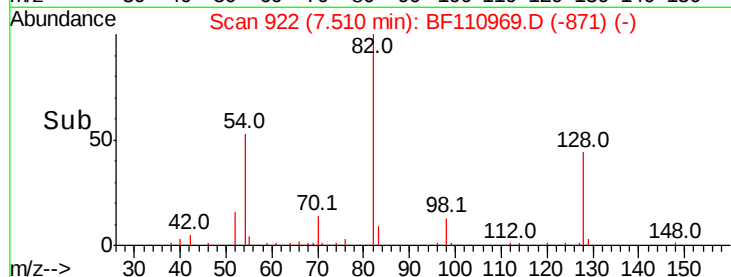
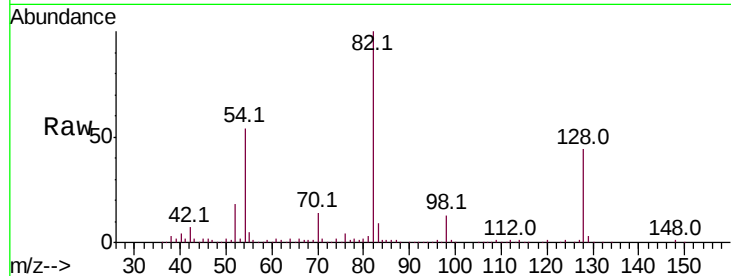
#23
Nitrobenzene-d5
Concen: 78.640 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	53.9	38.6	58.0

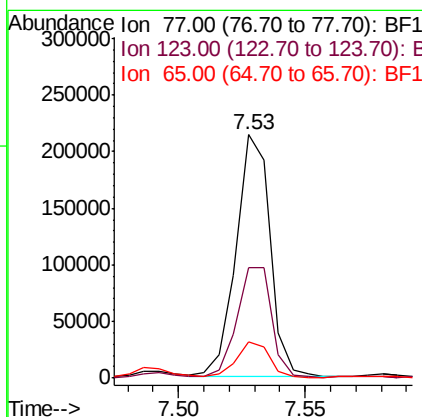
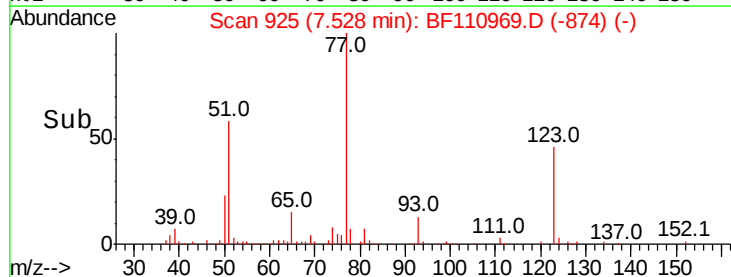
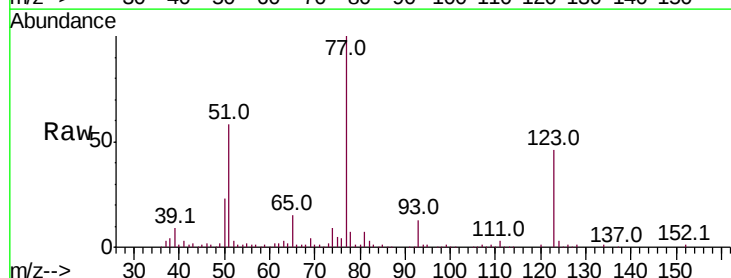
Manual Integrations
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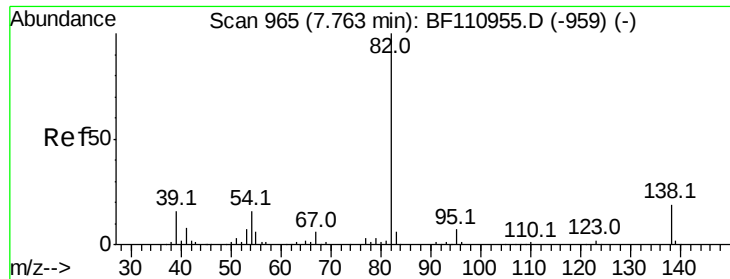
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#24
Nitrobenzene
Concen: 40.956 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	35.7	53.5
65	14.7	10.7	16.1





#25

Isophorone

Concen: 48.324 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

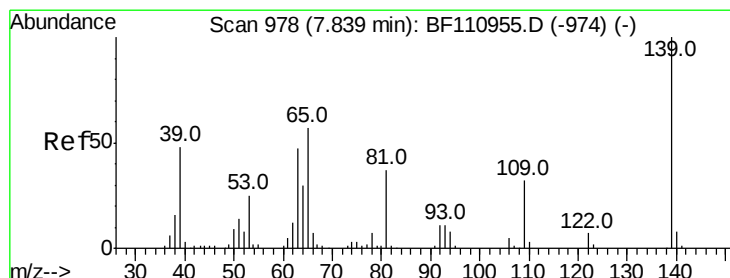
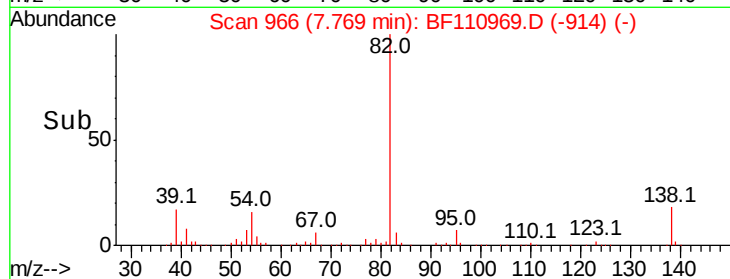
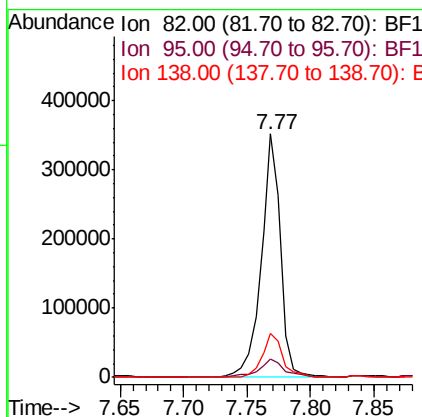
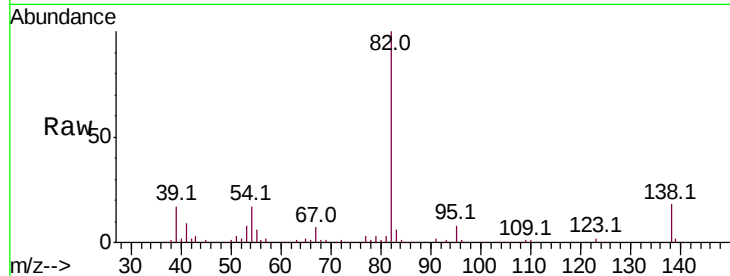
ClientSampleId :

DTW-03MS

Tot Ion:	82	Resp:	370646
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.7	8.5
138	18.1	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.657 ng

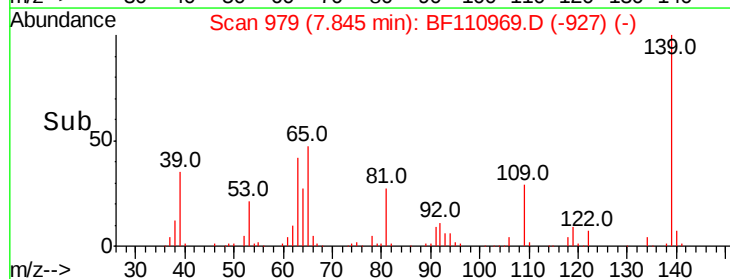
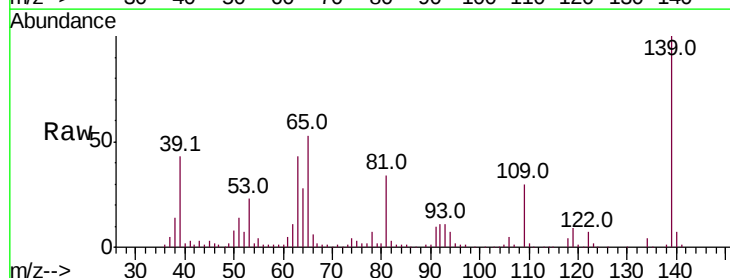
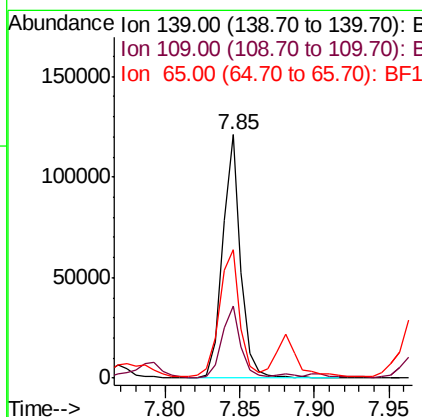
RT: 7.85 min Scan# 979

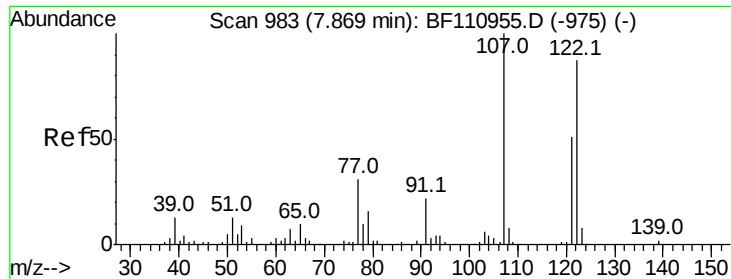
Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Tgt Ion:	139	Resp:	103134
Ion Ratio	Lower	Upper	
139	100		
109	29.6	25.0	37.6
65	52.6	44.0	66.0





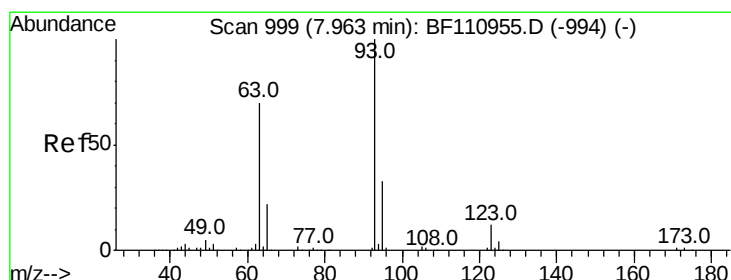
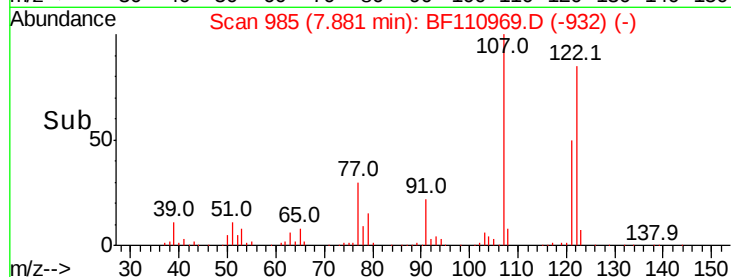
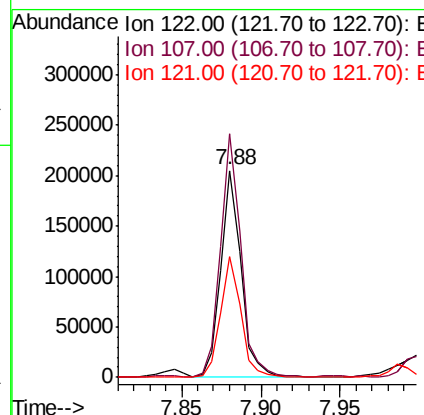
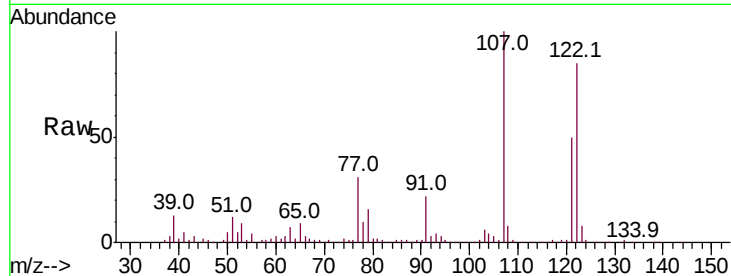
#27
2,4-Dimethylphenol
Concen: 50.889 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.6	92.5	138.7
121	58.4	45.8	68.8

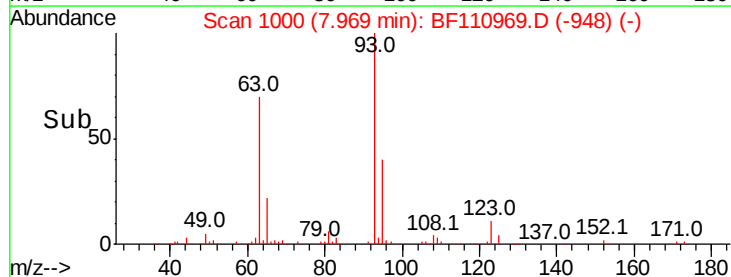
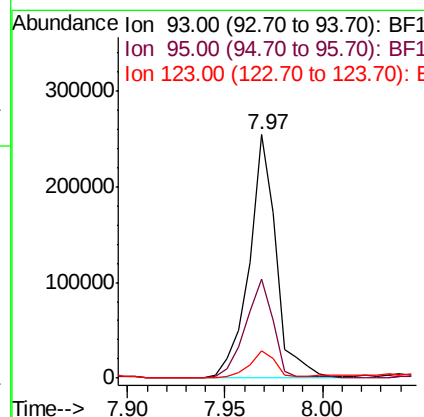
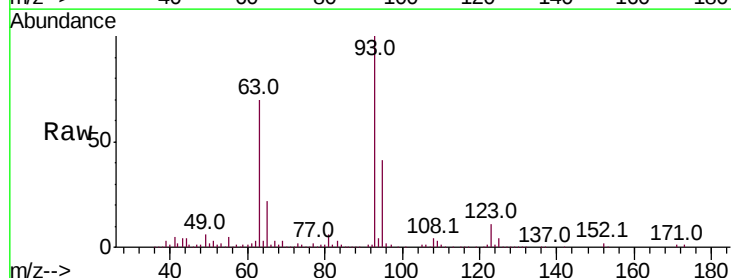
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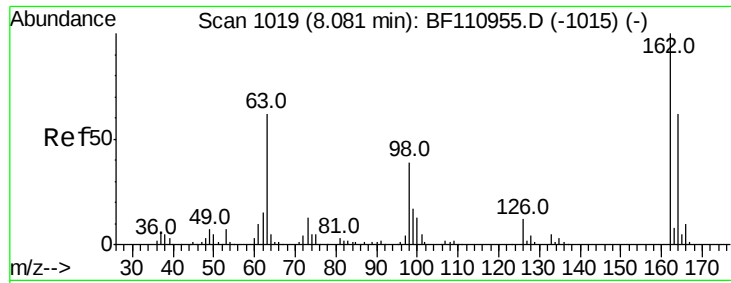
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#28
bis(2-Chloroethoxy)methane
Concen: 47.360 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	40.5	26.4	39.6#
123	11.3	9.0	13.6





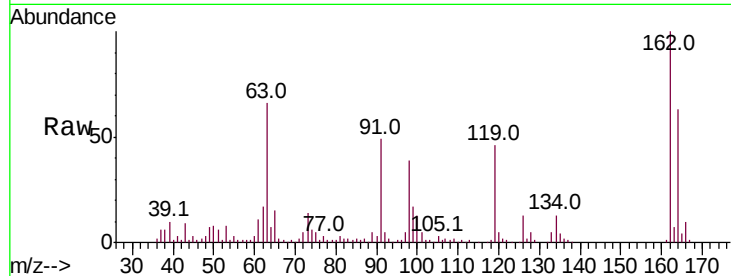
#29
2,4-Dichlorophenol
Concen: 40.987 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	44.6	84.6
98	38.8	17.4	57.4

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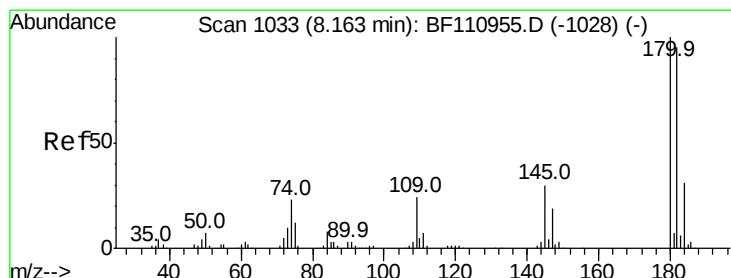
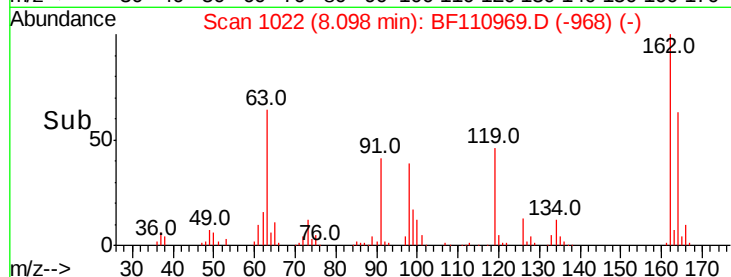
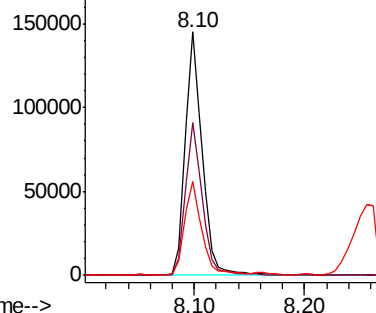


Abundance

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: 39.497 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

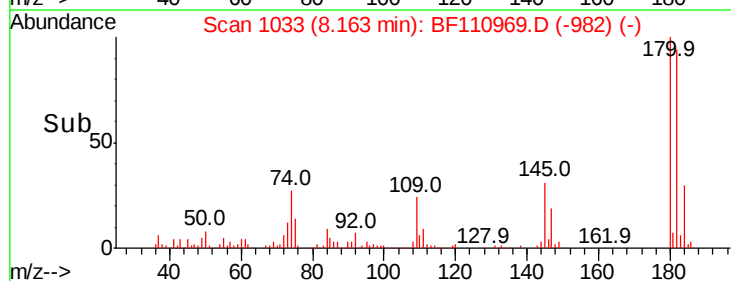
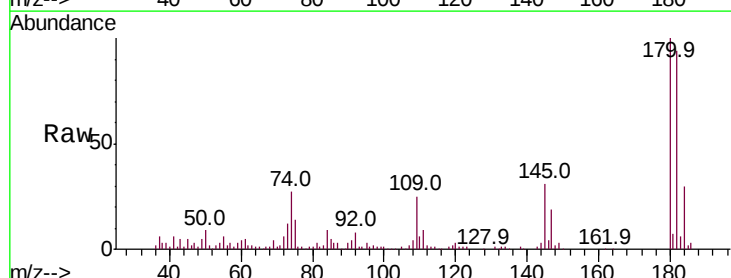
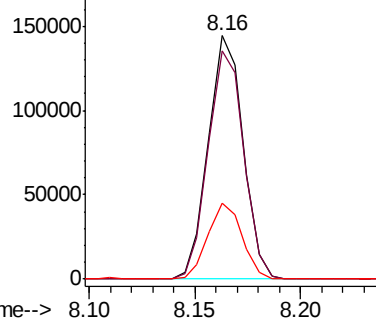
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	80.3	120.5
145	31.3	25.4	38.0

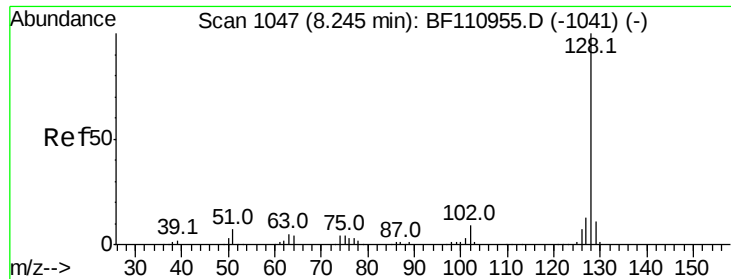
Abundance

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





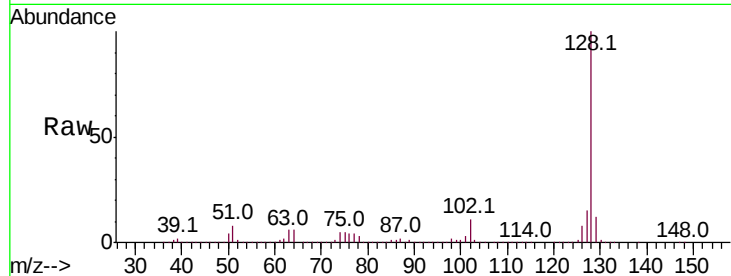
#31
Naphthalene
Concen: 292.242 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

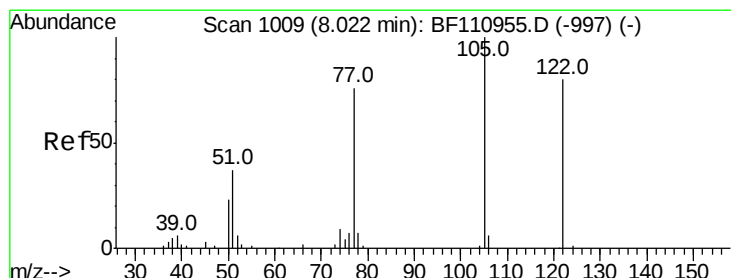
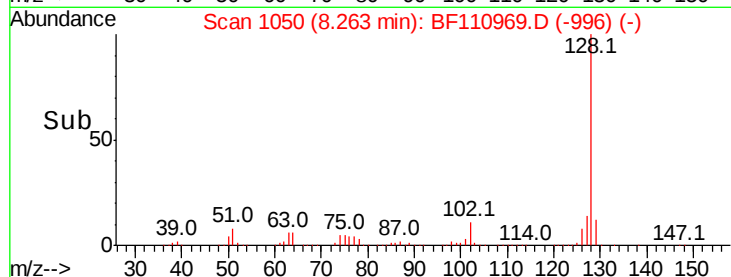
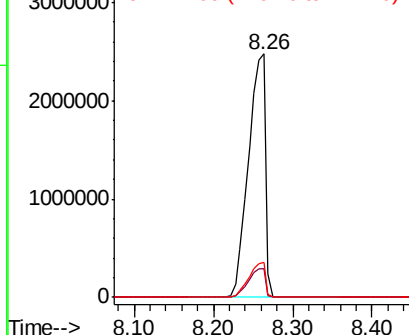
Tot Ion:128 Resp: 3665853
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.5 10.8 16.2

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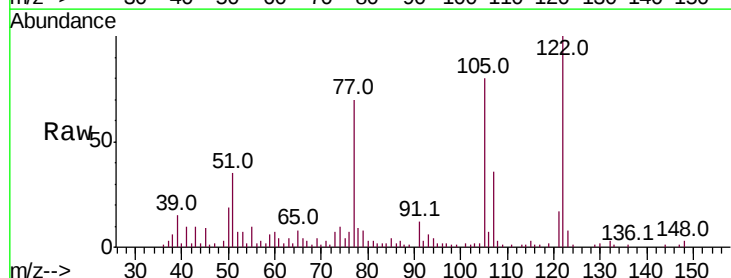


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

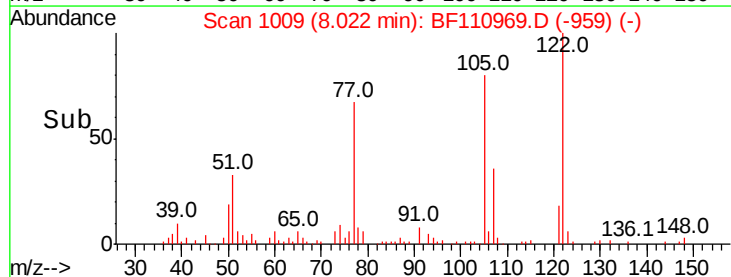
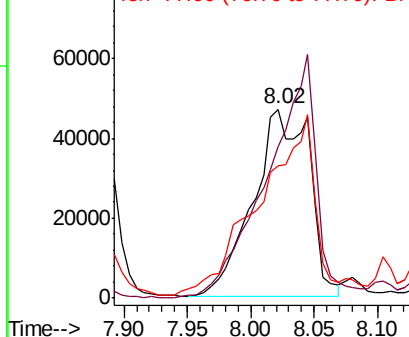


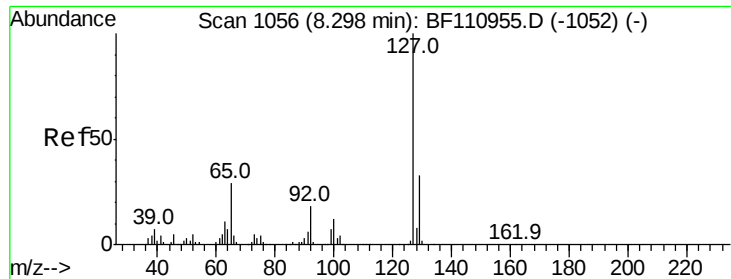
#32
Benzoic acid
Concen: 54.575 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion:122 Resp: 144755
Ion Ratio Lower Upper
122 100
105 80.3 109.0 149.0#
77 70.0 79.0 119.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





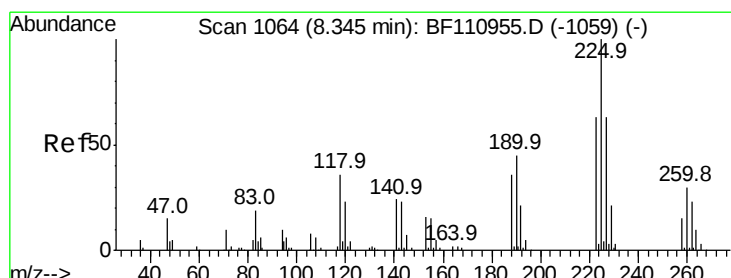
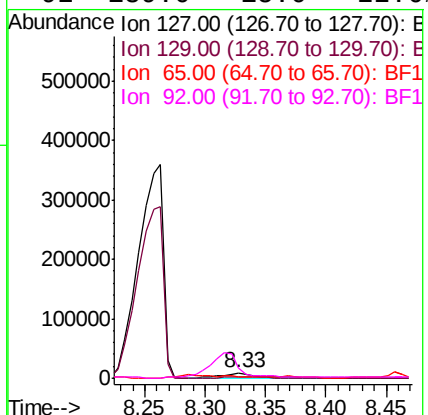
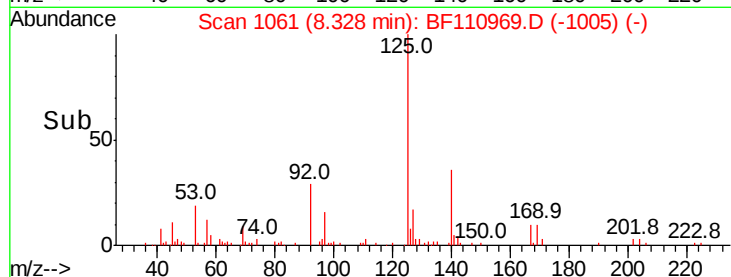
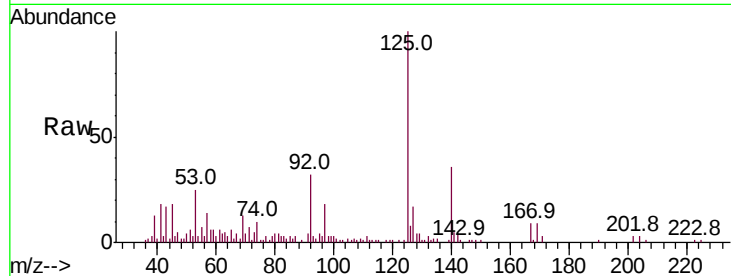
#33
4-Chloroaniline
Concen: 3.136 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	24.7	26.0	39.0#
65	36.5	25.1	37.7
92	189.0	15.0	22.6#

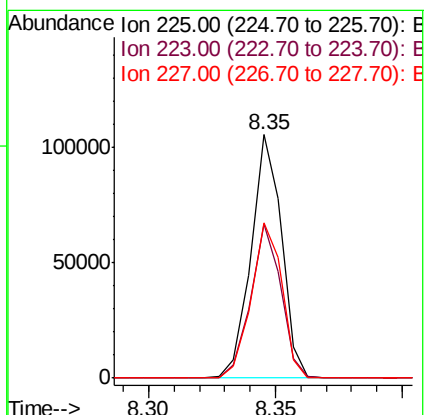
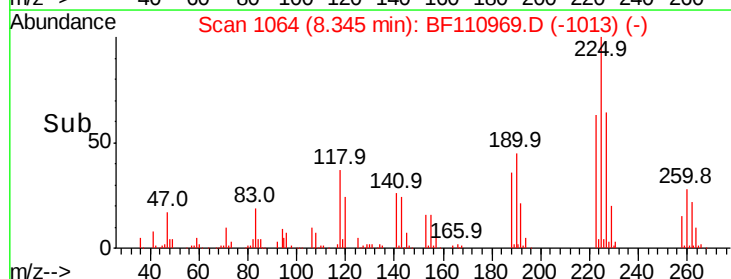
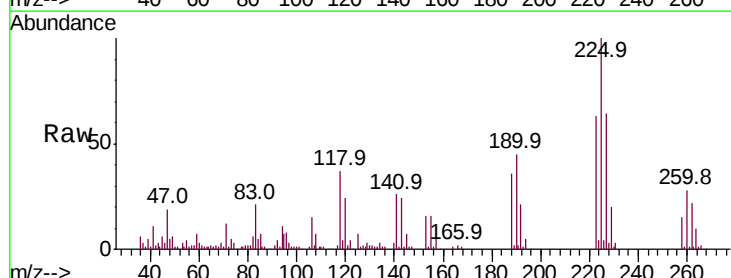
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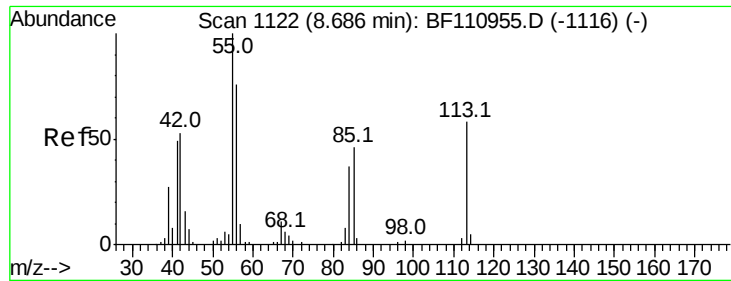
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#34
Hexachlorobutadiene
Concen: 37.054 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	63.9	51.0	76.6





#35

Caprolactam

Concen: 2.301 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

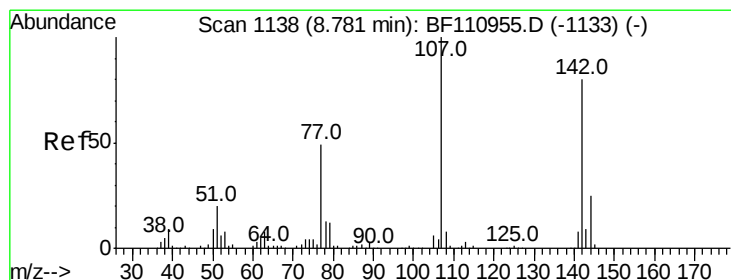
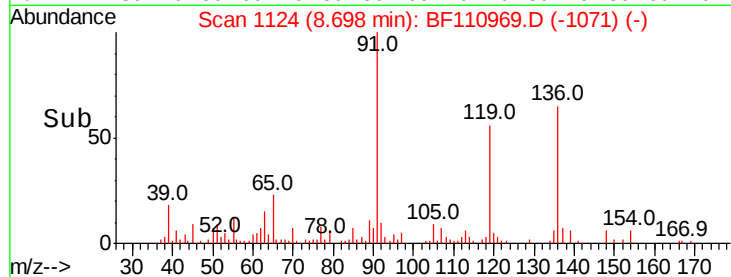
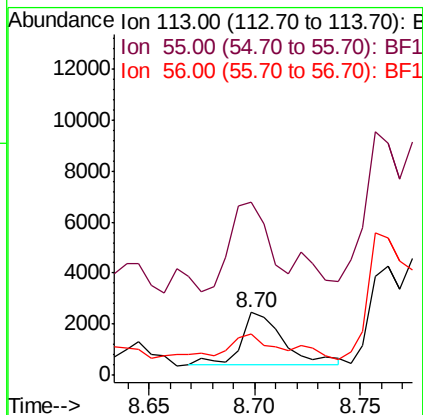
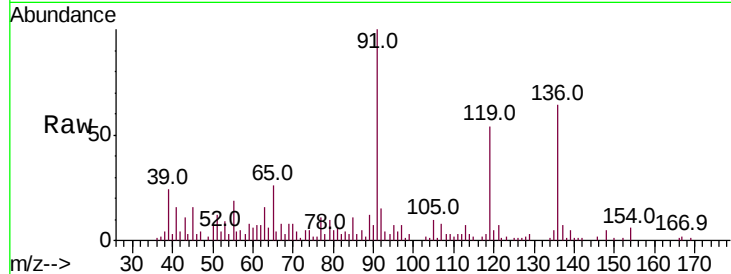
ClientSampleId :

DTW-03MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	276.3	142.8	182.8#
56	65.3	105.0	145.0#

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#36

4-Chloro-3-methylphenol

Concen: 38.275 ng

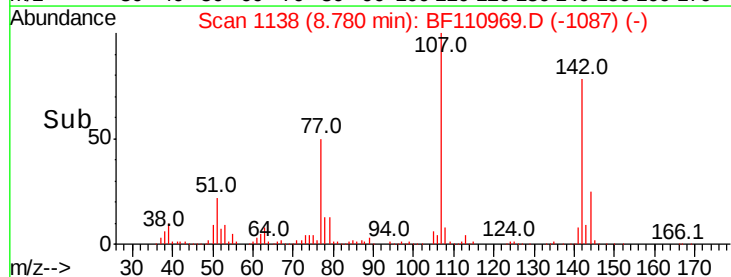
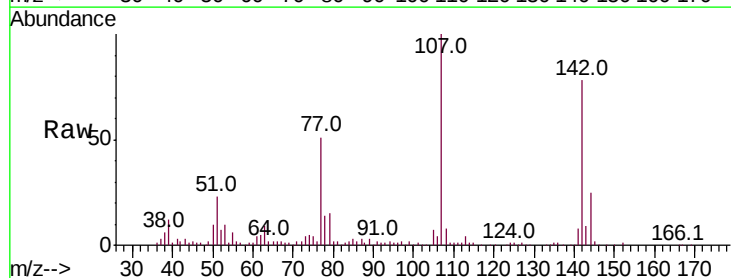
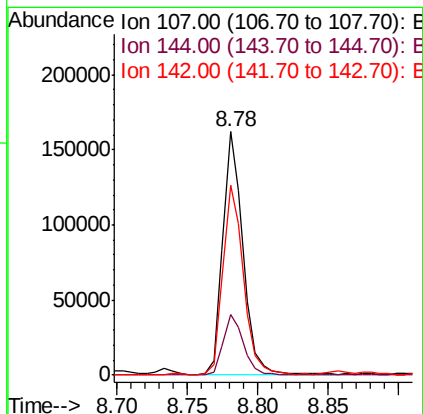
RT: 8.78 min Scan# 1138

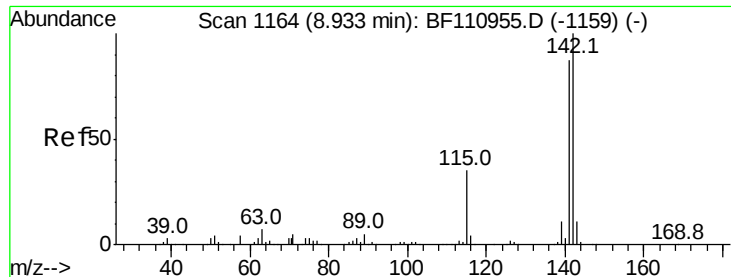
Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.0	30.0
142	78.0	59.7	89.5





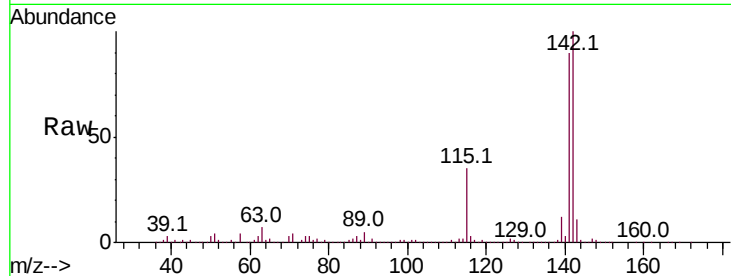
#37
2-Methylnaphthalene
Concen: 56.684 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	469649		
141	89.6	71.4	107.2	
115	34.9	28.7	43.1	

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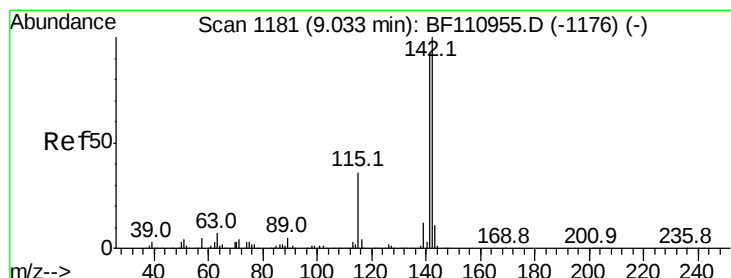
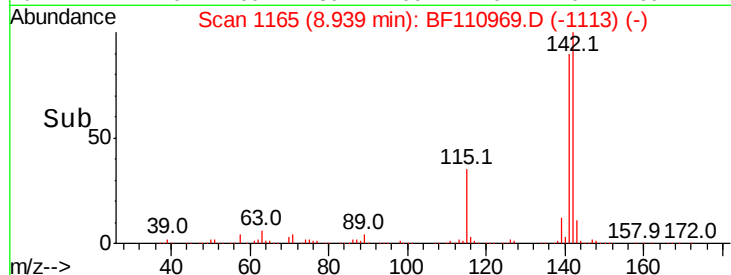
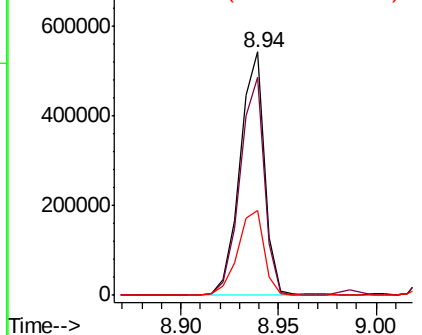


Abundance

Ion 142.00 (141.70 to 142.70): E

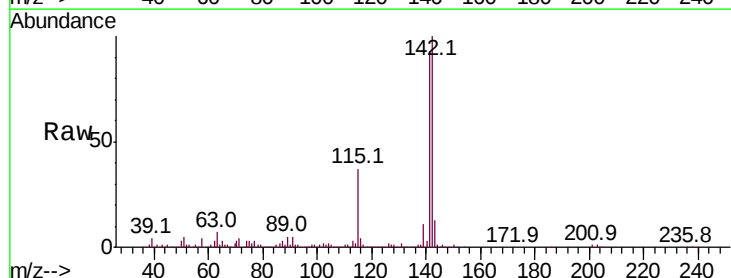
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 55.209 ng m
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	444931		
141	92.6	74.2	111.4	
116	4.0	2.6	4.0#	

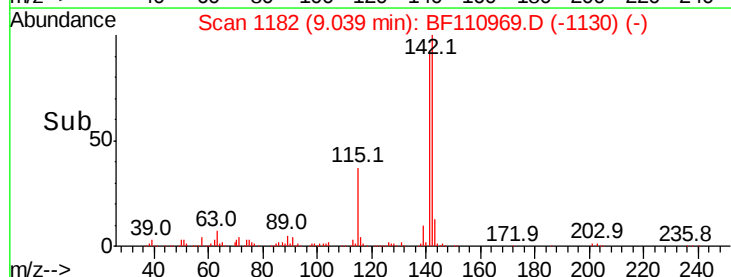
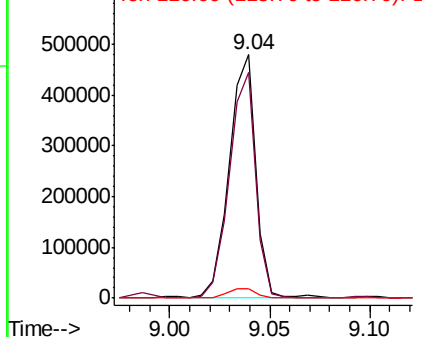


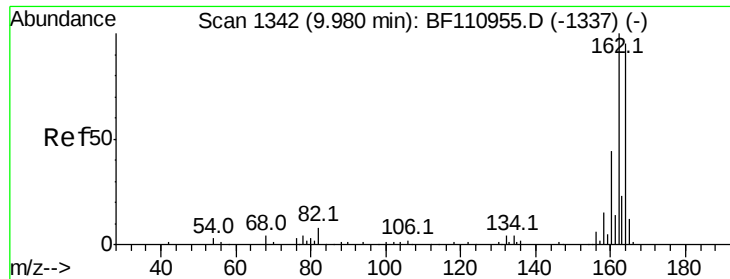
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





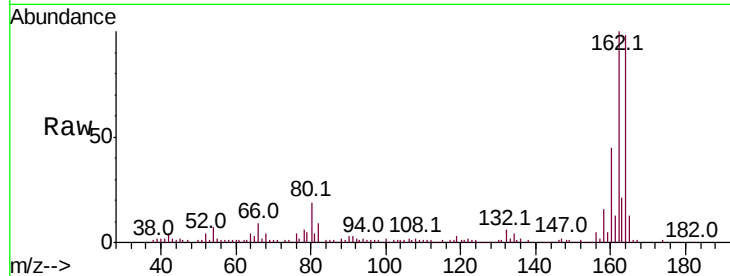
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	133408		
162	102.0	83.0	124.6	
160	45.6	37.0	55.6	

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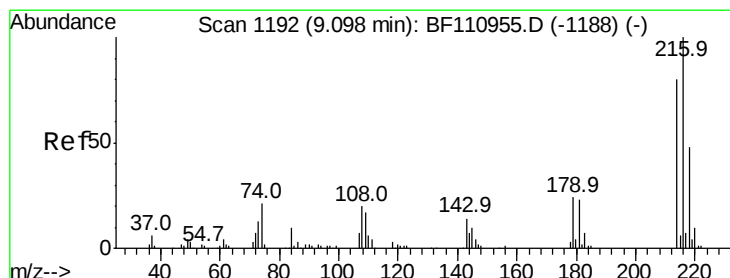
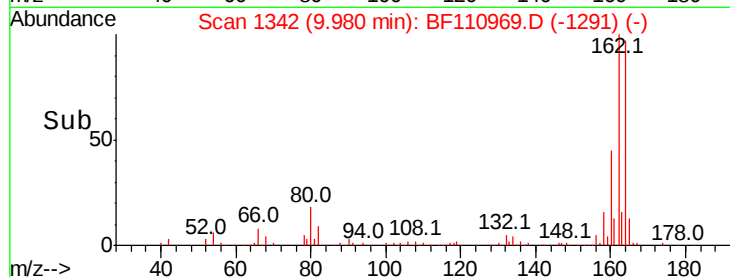
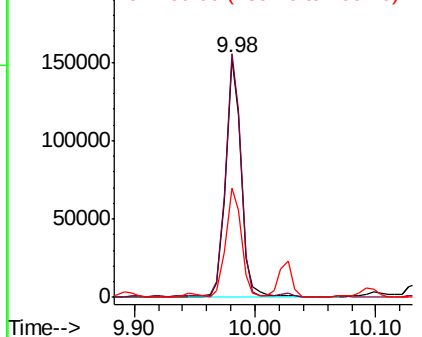


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.885 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	158992		
214	80.6	63.8	95.6	
179	23.3	16.6	25.0	
108	20.5	15.1	22.7	

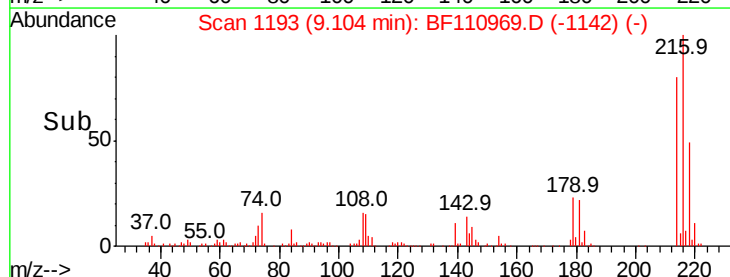
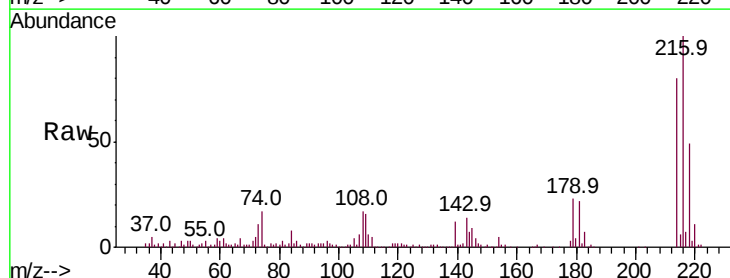
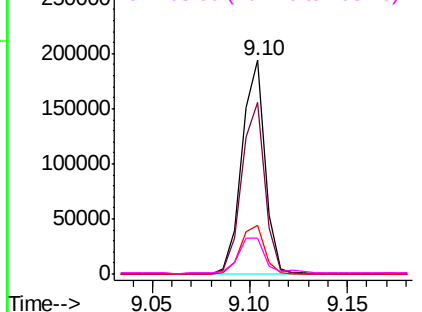
Abundance

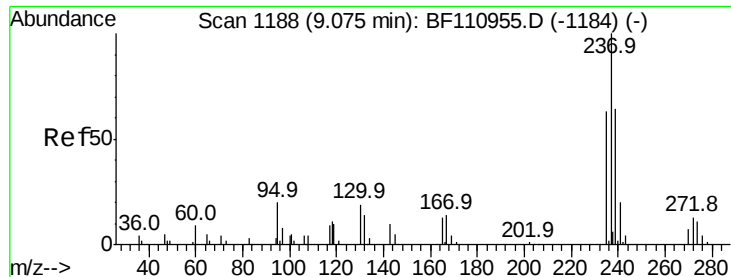
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 17.597 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

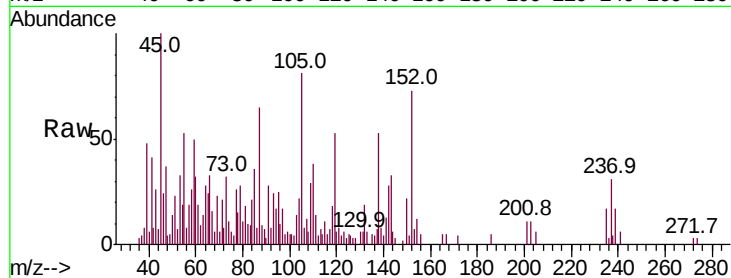
ClientSampleId :

DTW-03MS

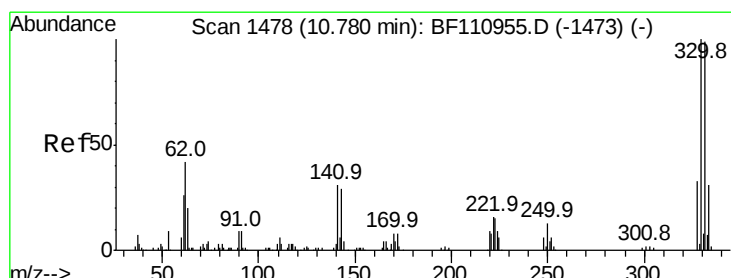
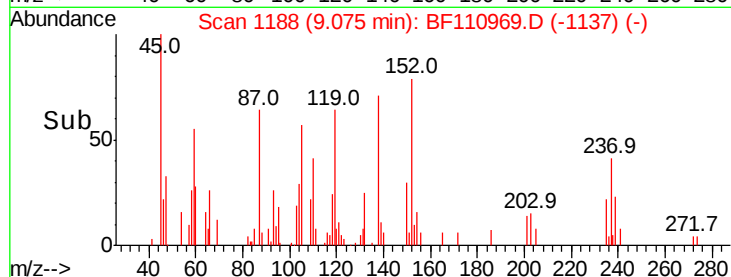
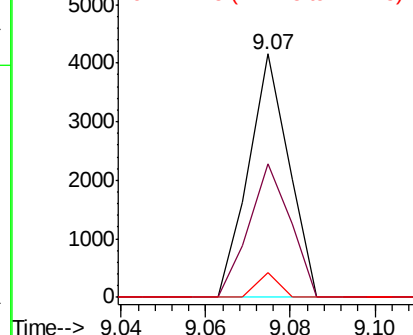
Tot Ion:	237	Resp:	2751
Ion Ratio	Lower	Upper	
237	100		
235	54.7	43.1	83.1
272	10.1	0.0	32.6

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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



#42

2,4,6-Tribromophenol

Concen: 106.058 ng

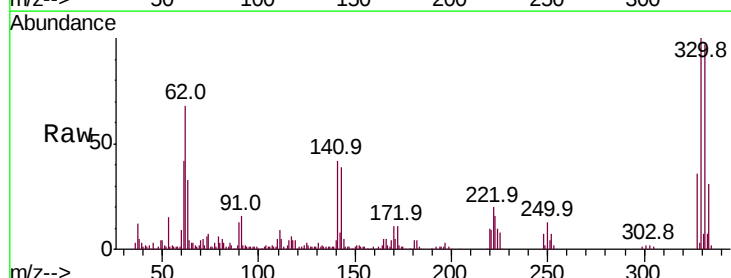
RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

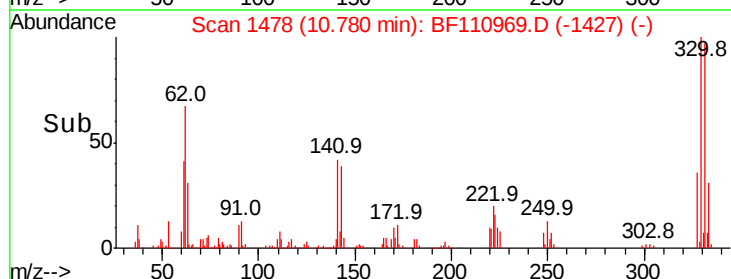
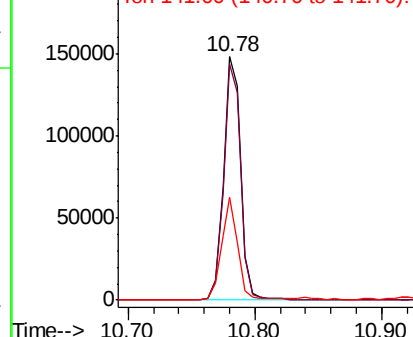
Lab File: BF110969.D

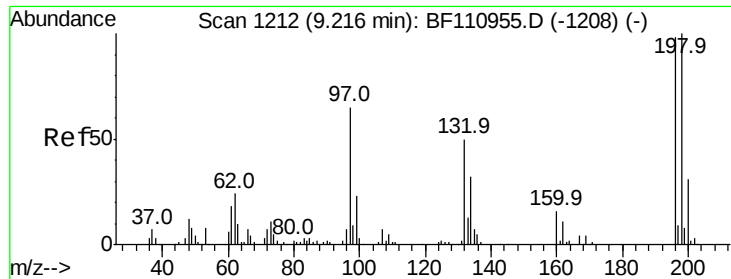
Acq: 26 Nov 2018 17:48

Tgt Ion:	330	Resp:	140518
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.1	115.7
141	39.4	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





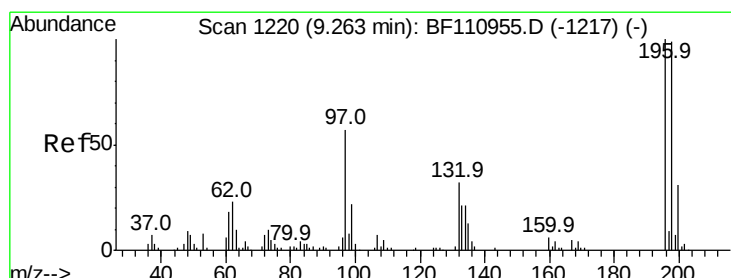
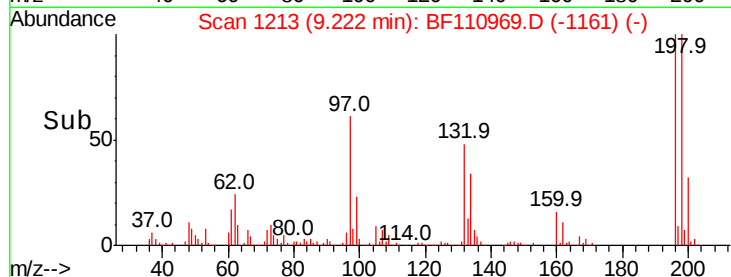
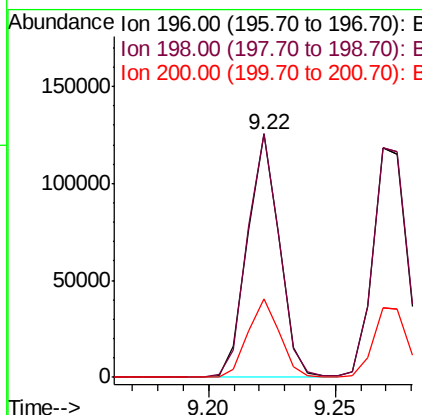
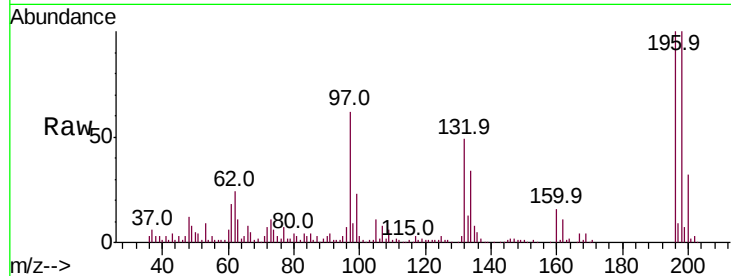
#43
 2,4,6-Trichlorophenol
 Concen: 44.169 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	110707		
198	99.9	76.2	114.4	
200	32.3	24.4	36.6	

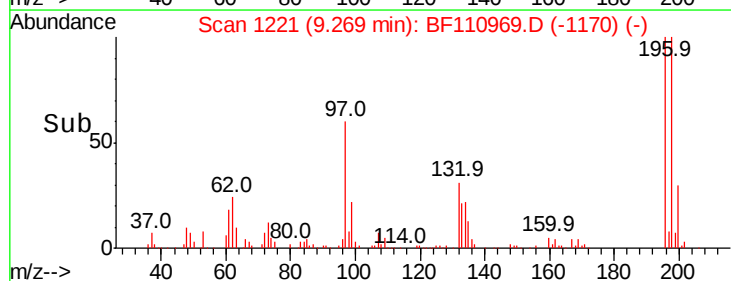
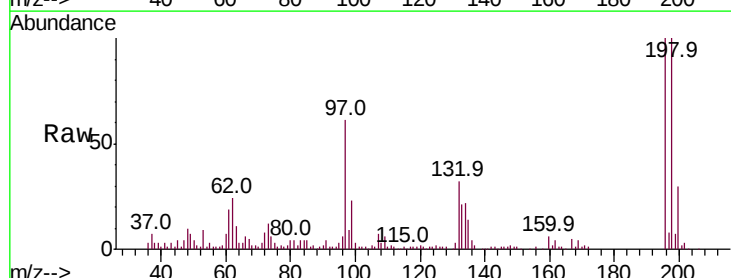
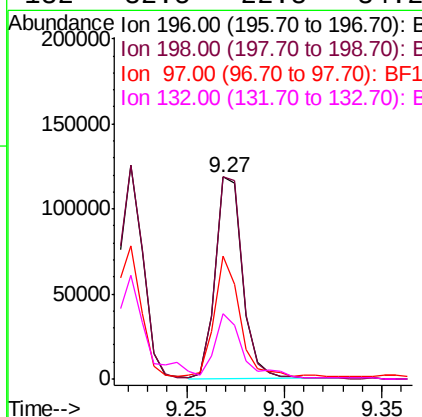
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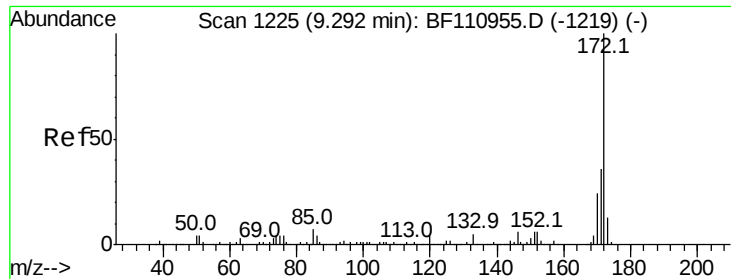
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#44
 2,4,5-Trichlorophenol
 Concen: 43.381 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114491		
198	100.0	75.8	113.6	
97	61.0	42.4	63.6	
132	32.5	22.8	34.2	





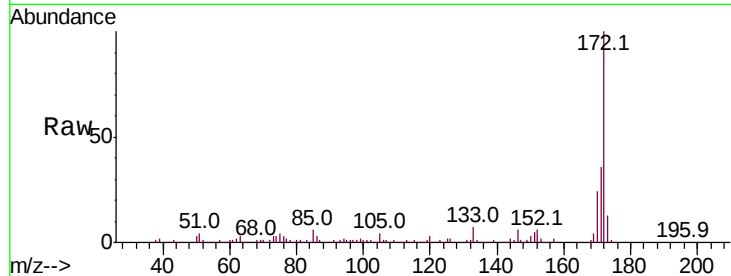
#45
2-Fluorobiphenyl
Concen: 73.423 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

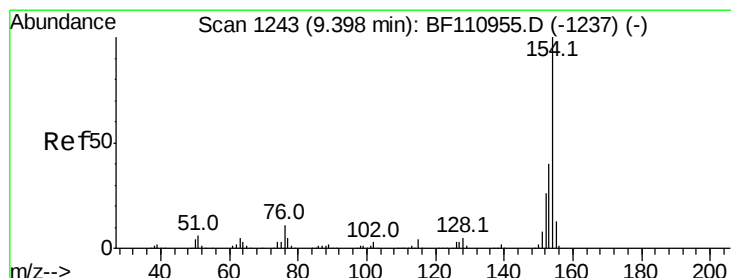
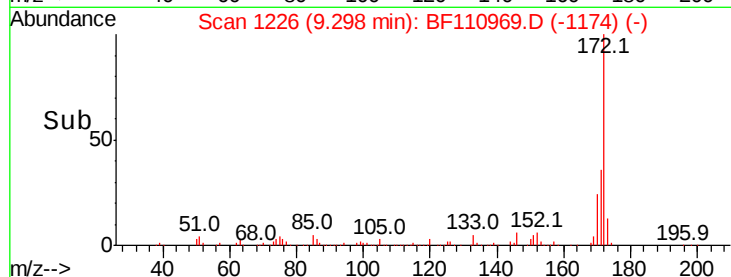
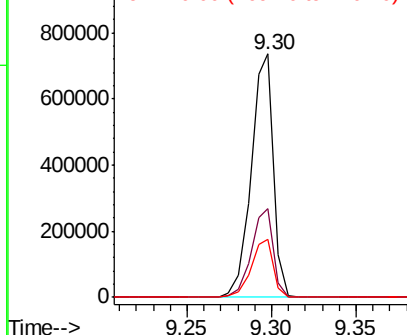
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.7	29.5

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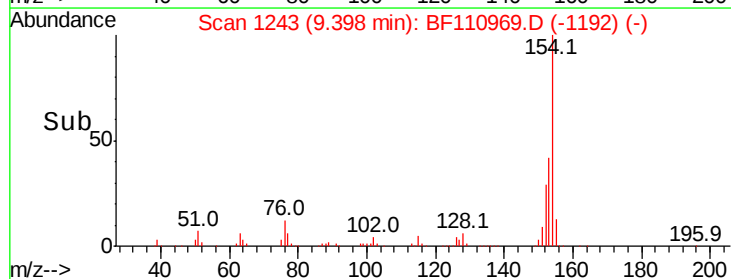
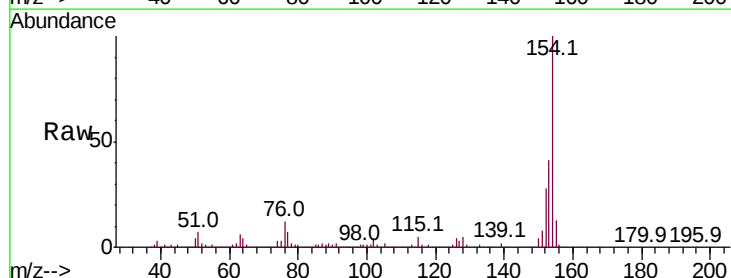
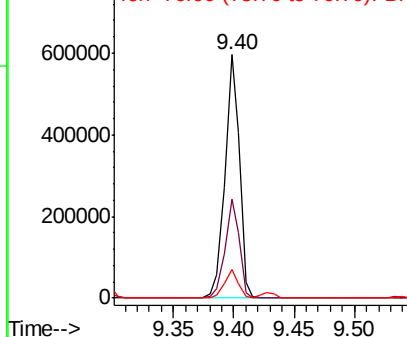
Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

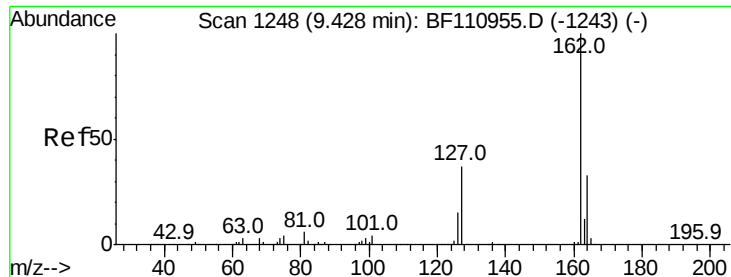


#46
1,1'-Biphenyl
Concen: 39.870 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	12.0	0.0	31.9

Abundance Ion 154.00 (153.70 to 154.70): E
800000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





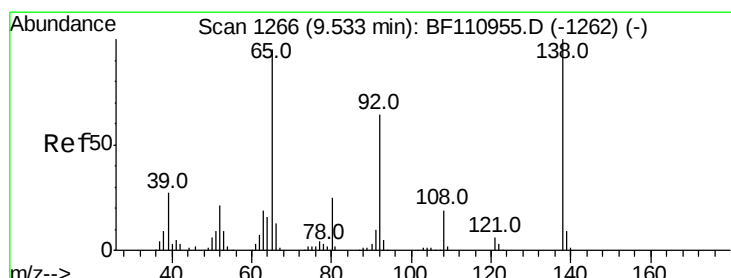
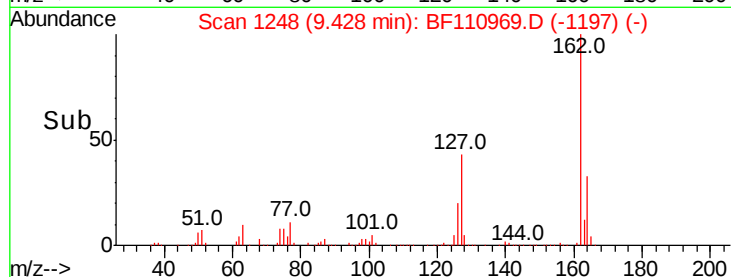
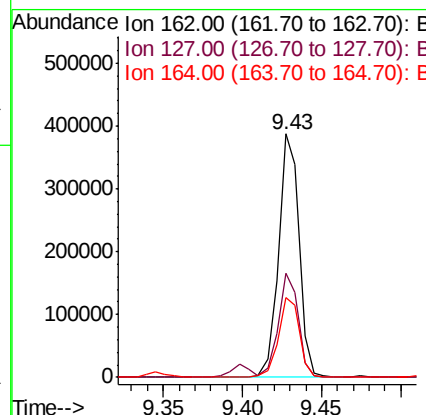
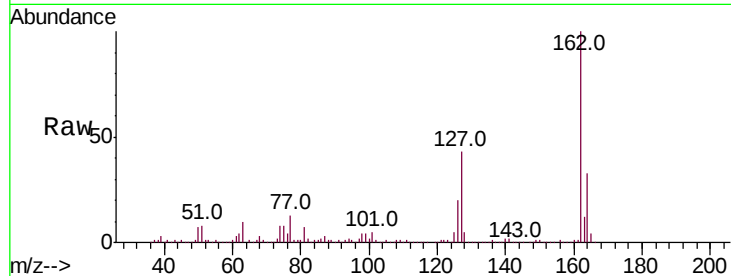
#47
2-Chloronaphthalene
Concen: 39.320 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	350651		
127	42.7		32.6	48.8
164	32.6		25.9	38.9

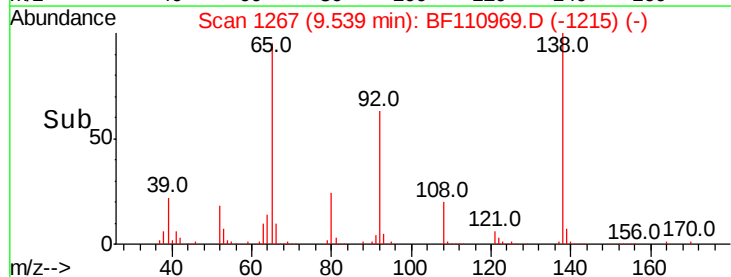
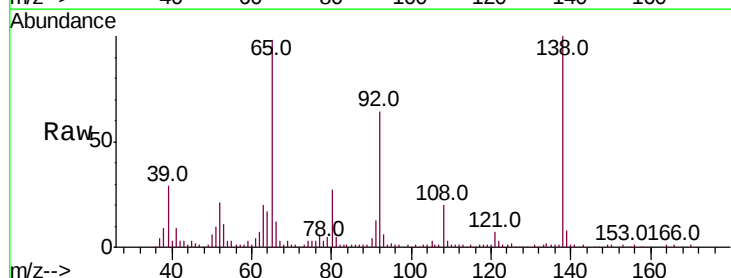
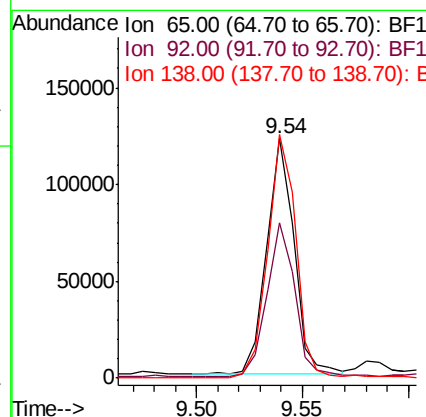
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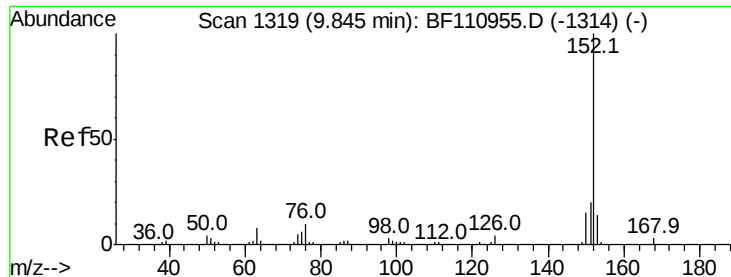
mohammad
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#48
2-Nitroaniline
Concen: 39.617 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	110505		
92	64.6		54.6	81.8
138	101.6		80.3	120.5





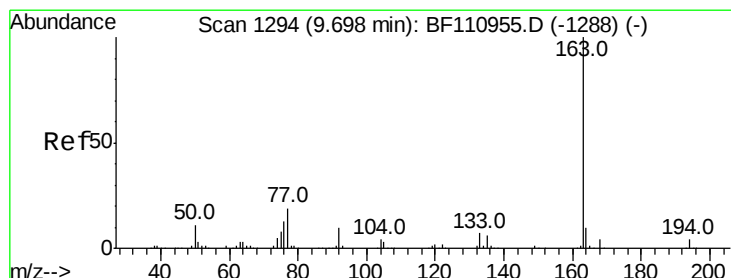
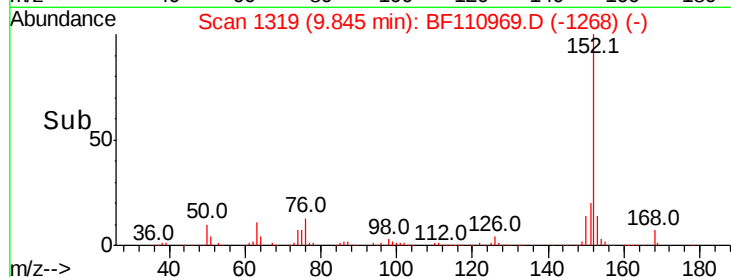
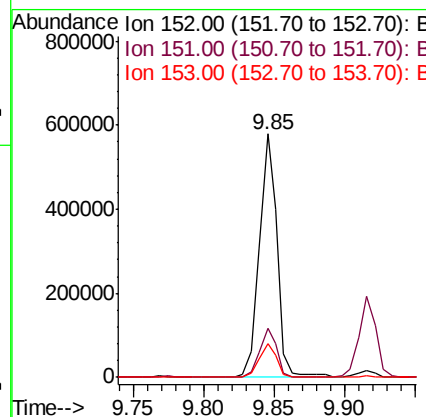
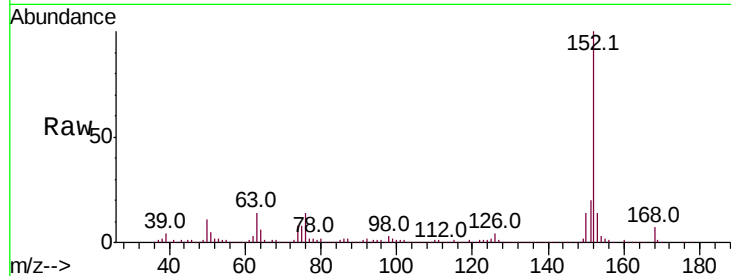
#49
Acenaphthylene
Concen: 40.568 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	514444		
151	20.3		15.8	23.8
153	14.0		10.4	15.6

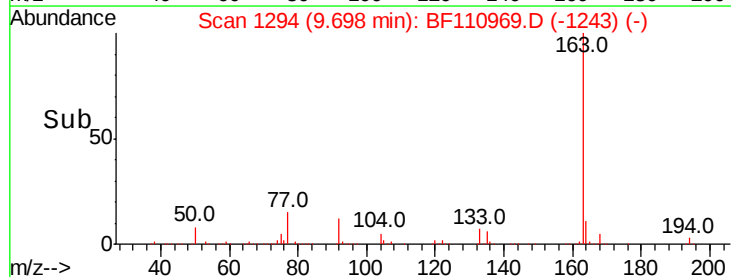
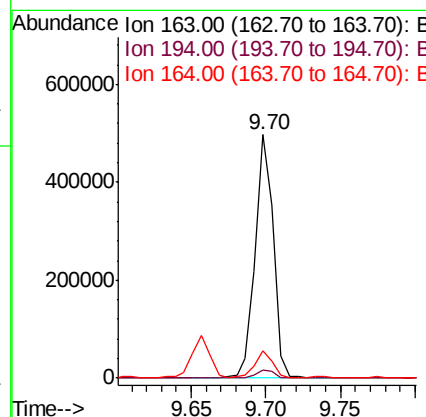
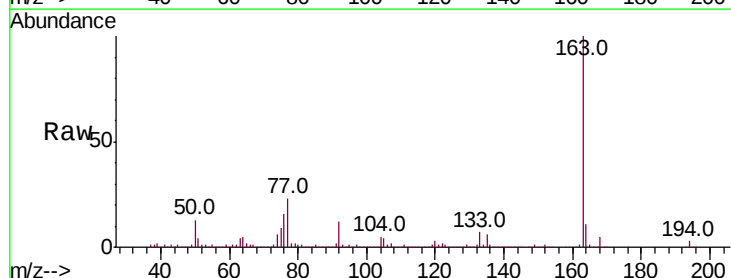
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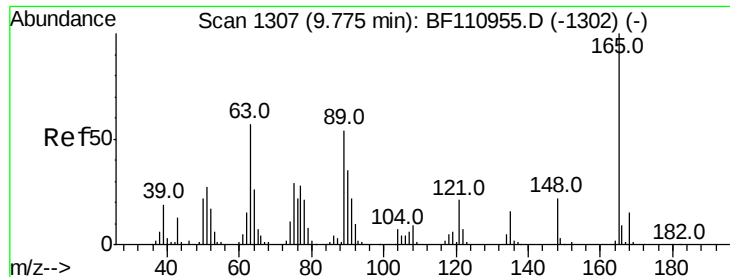
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#50
Dimethylphthalate
Concen: 42.511 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	415935		
194	3.5		3.2	4.8
164	11.0		8.1	12.1





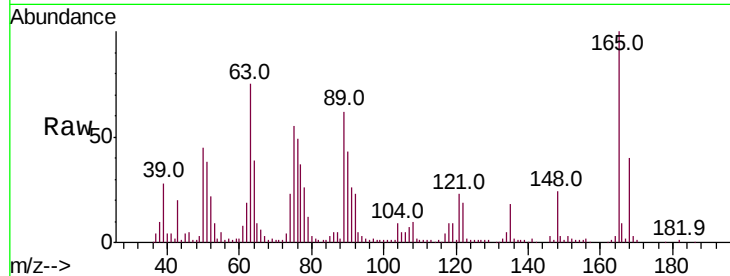
#51
2,6-Dinitrotoluene
Concen: 40.898 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

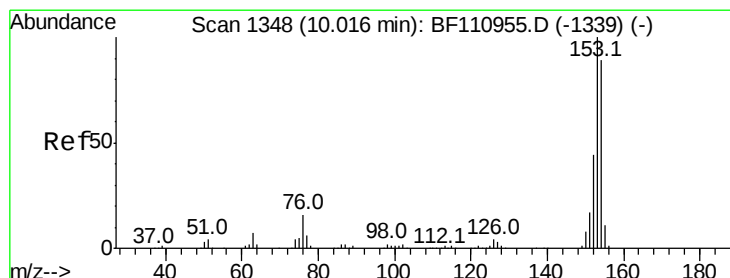
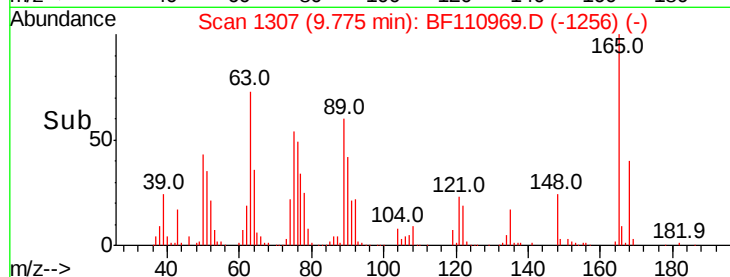
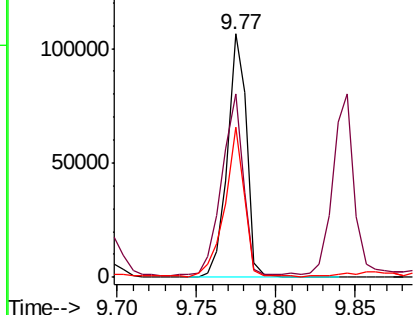
Tot Ion	Ratio	Resp	Lower	Upper
165	100	89082		
63	75.5	48.9	73.3#	
89	61.6	46.6	69.8	

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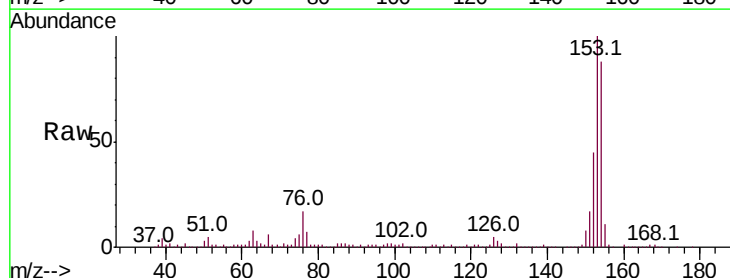


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

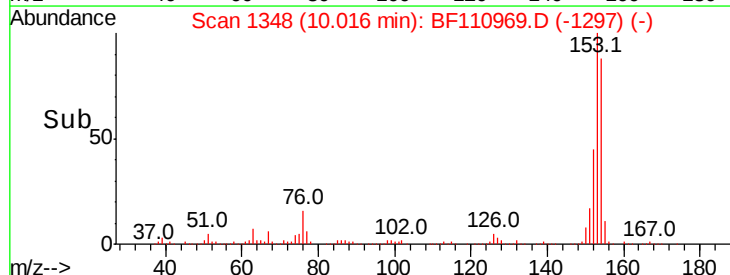
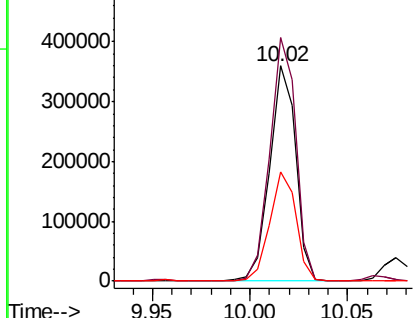


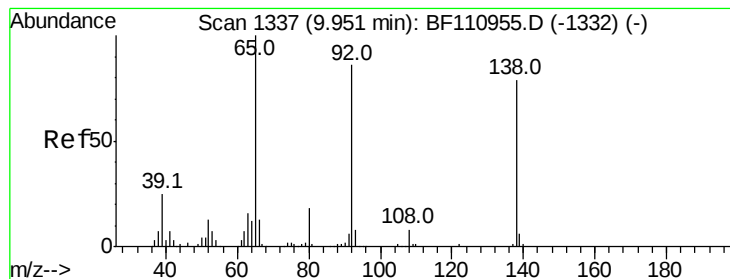
#52
Acenaphthene
Concen: 41.054 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	333742		
153	113.2	90.1	135.1	
152	51.0	43.4	65.2	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 5.818 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

Tot Ion:138 Resp: 14770

Ion Ratio Lower Upper

138 100

108 17.0 8.7 13.1#

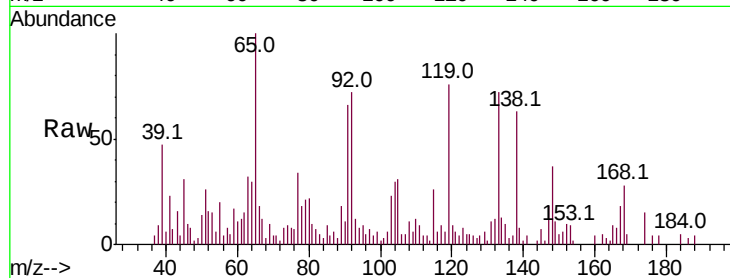
92 114.5 97.0 145.4

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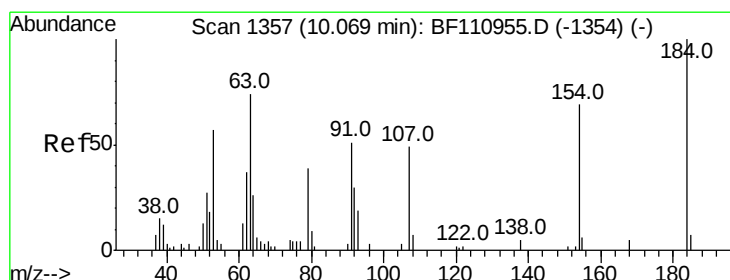
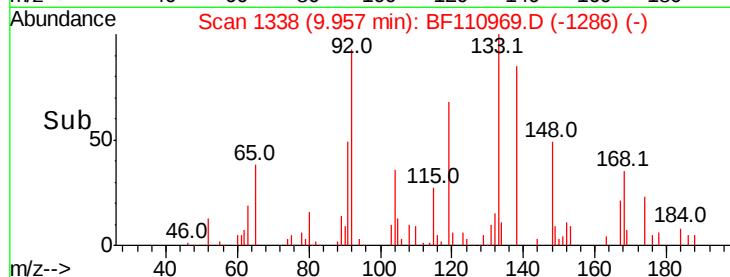
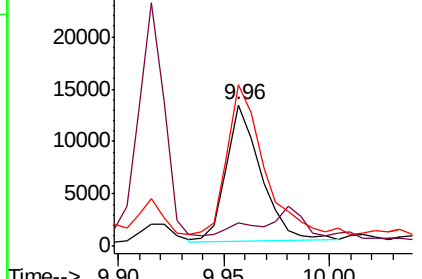
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 78.774 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

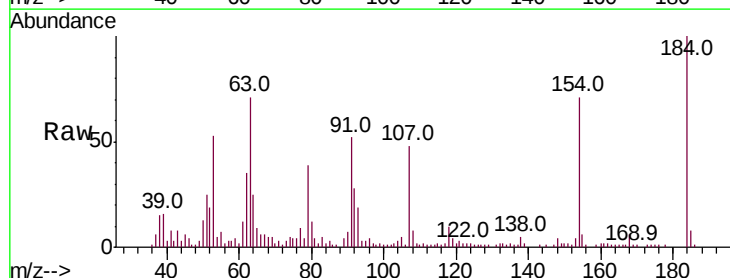
Tgt Ion:184 Resp: 60576

Ion Ratio Lower Upper

184 100

63 71.2 55.8 83.6

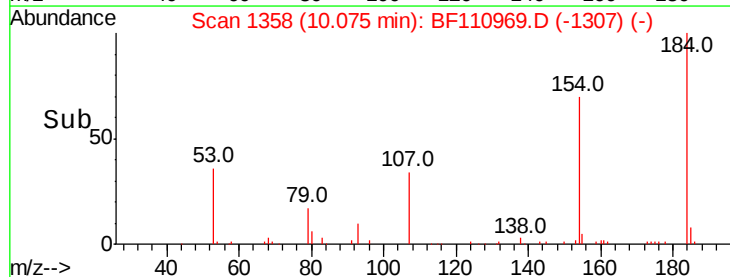
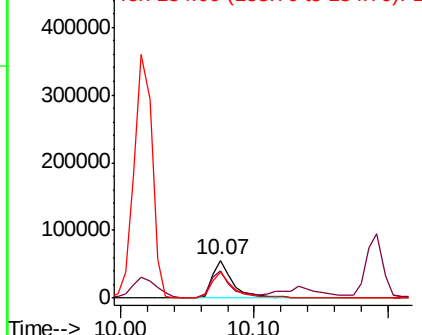
154 70.8 63.2 94.8

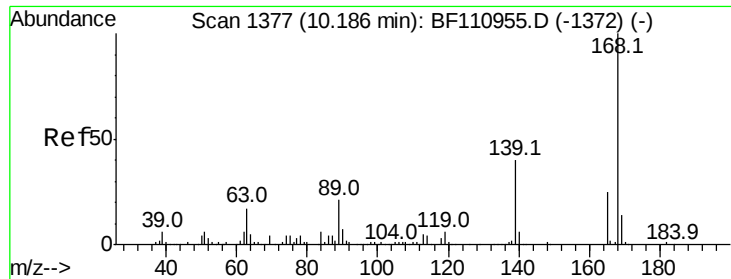


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





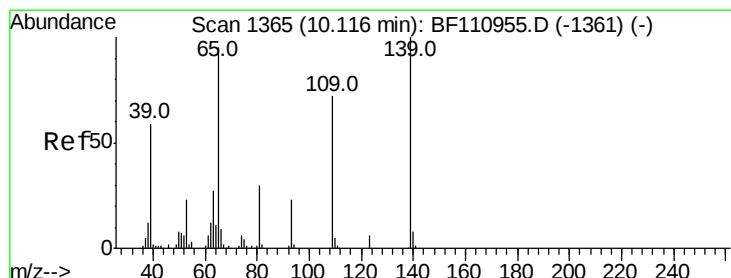
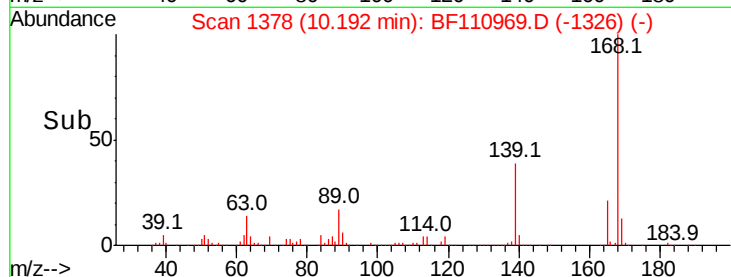
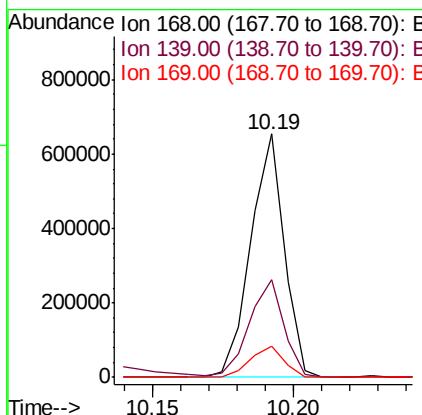
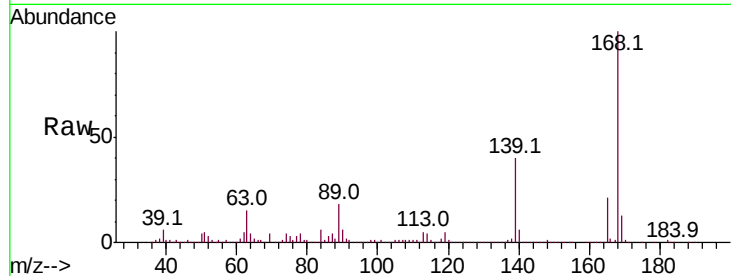
#55
Dibenzofuran
Concen: 45.429 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	33.0	49.6	
169	12.9	11.3	16.9	

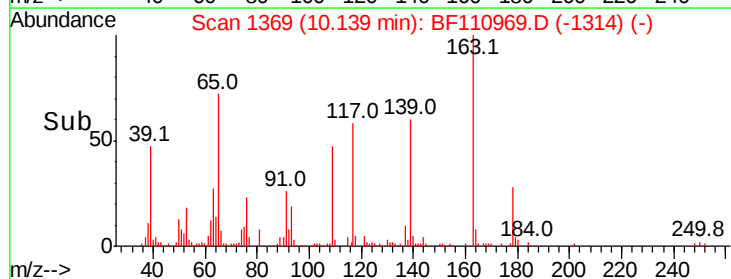
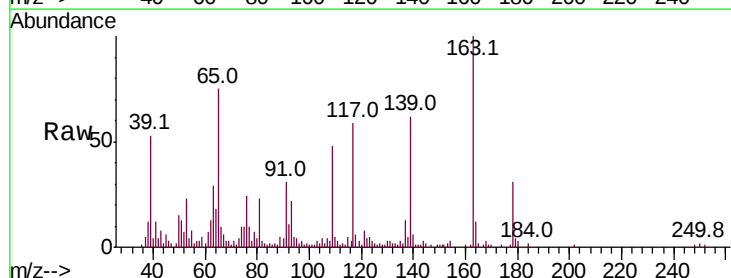
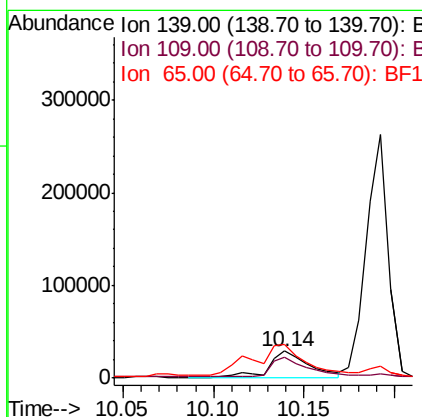
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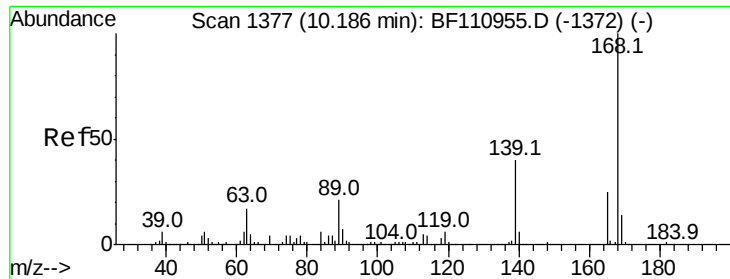
mohammad
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#56
4-Nitrophenol
Concen: 34.060 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.9	55.8	95.8	
65	121.5	77.9	117.9	





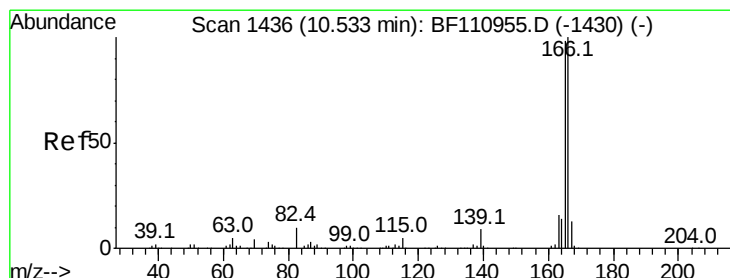
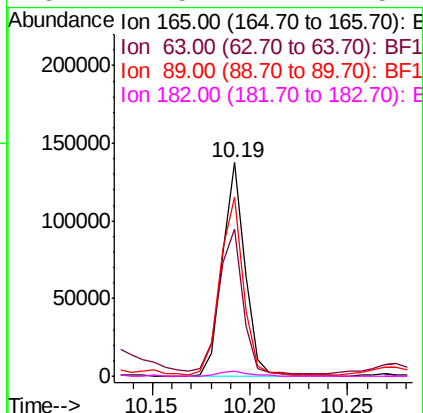
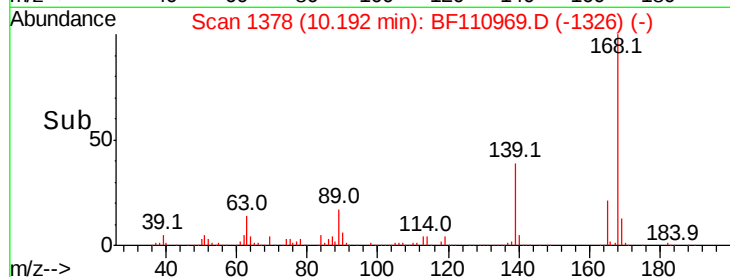
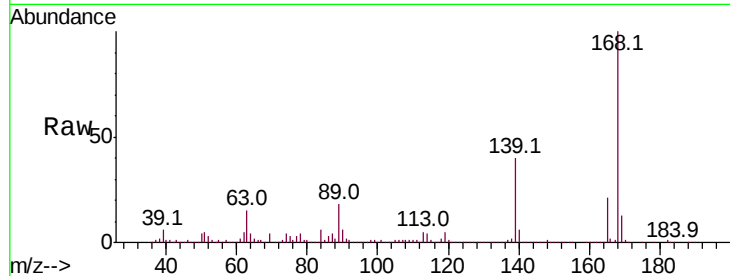
#57
2,4-Dinitrotoluene
Concen: 39.452 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	111490		
63	69.0	44.8	67.2	#
89	83.8	62.2	93.4	
182	2.5	2.1	3.1	

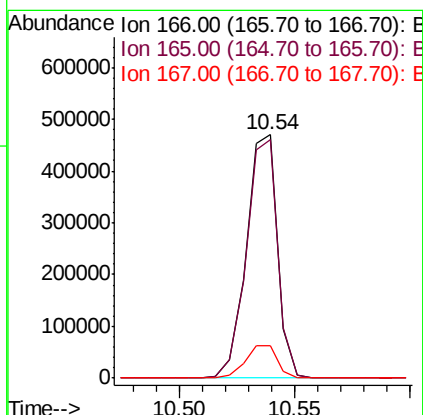
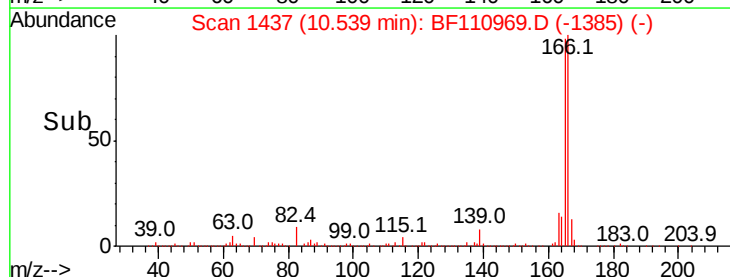
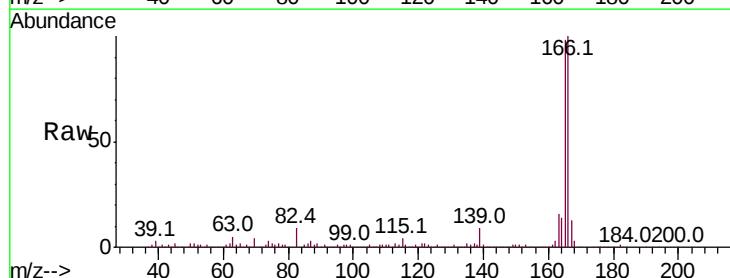
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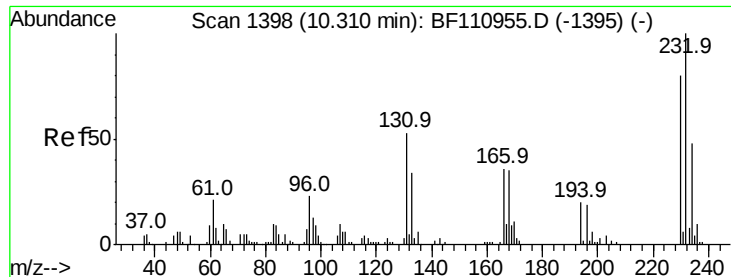
mohammad
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#58
Fluorene
Concen: 48.042 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	443289		
165	98.0	78.6	117.8	
167	13.1	10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.004 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

Tot Ion:232 Resp: 95309

Ion Ratio Lower Upper

232 100

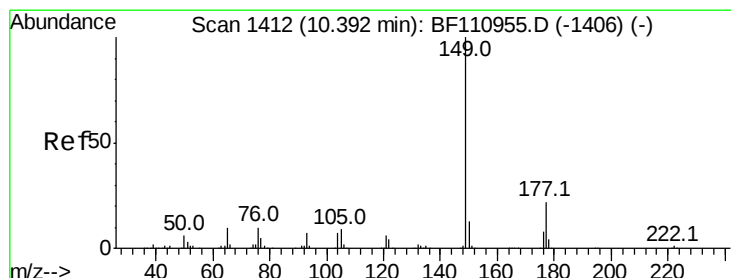
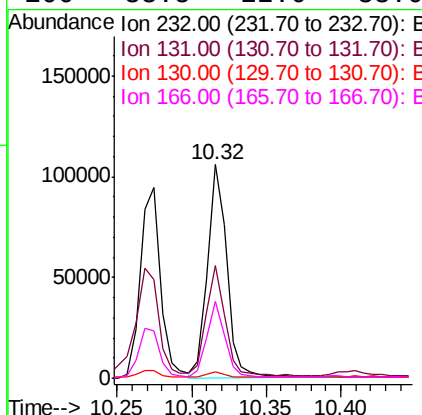
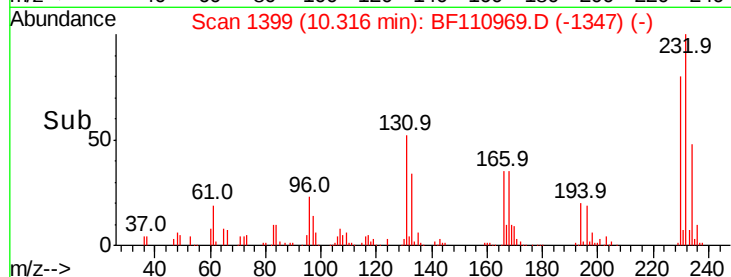
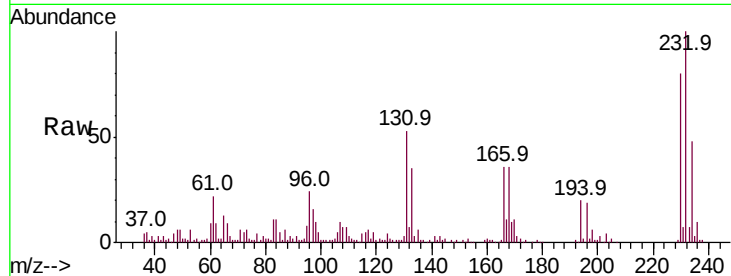
131 52.2 37.0 55.4

130 2.8 1.8 2.6

166 33.5 22.0 33.0

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#60

Diethylphthalate

Concen: 39.828 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

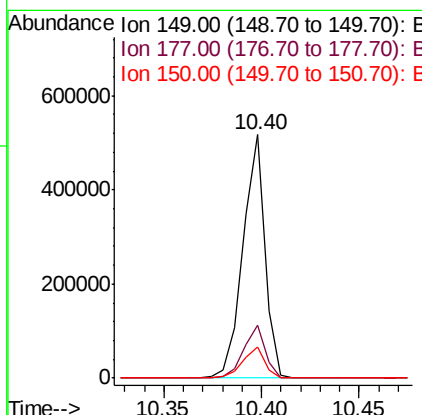
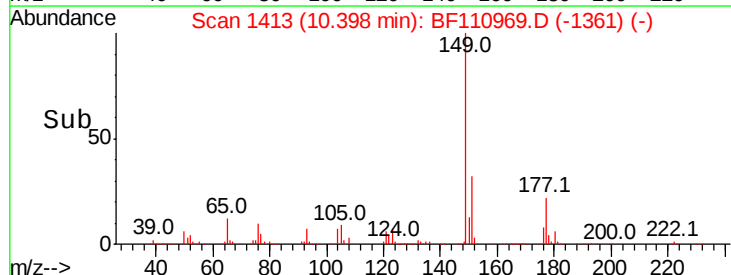
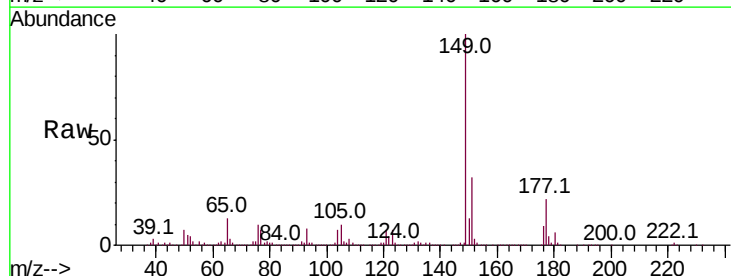
Tgt Ion:149 Resp: 401855

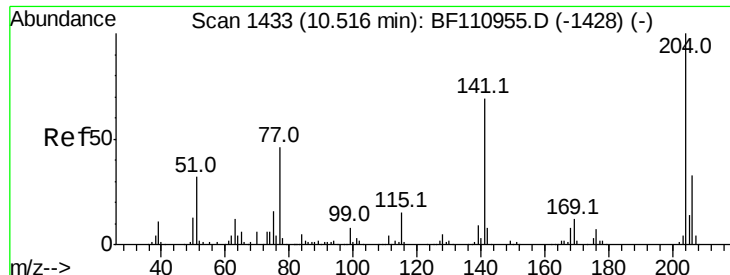
Ion Ratio Lower Upper

149 100

177 21.9 17.4 26.2

150 12.8 9.8 14.8





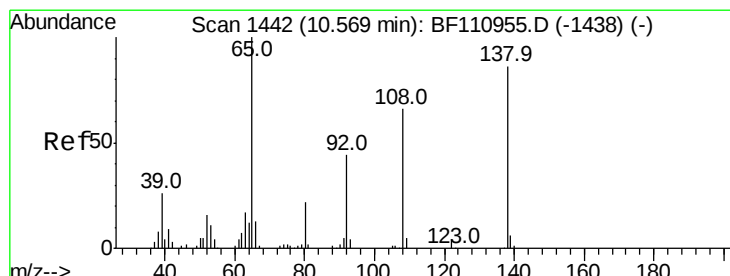
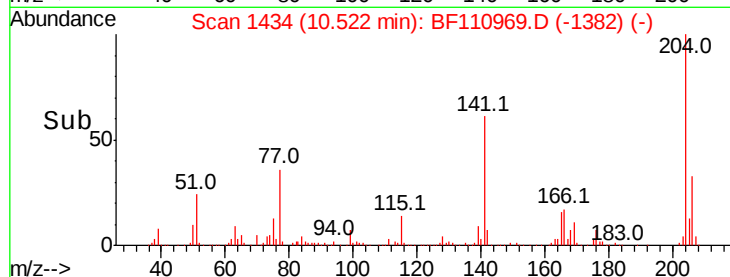
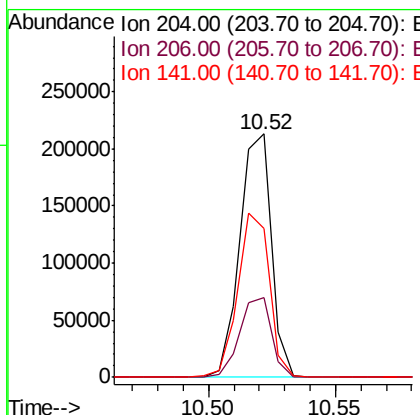
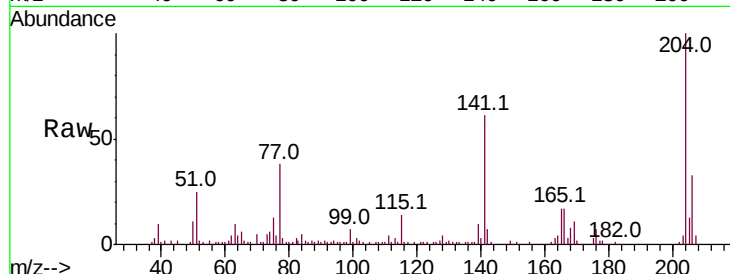
#61
4-Chlorophenyl-phenylether
Concen: 38.229 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampled :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	61.4	51.8	77.8

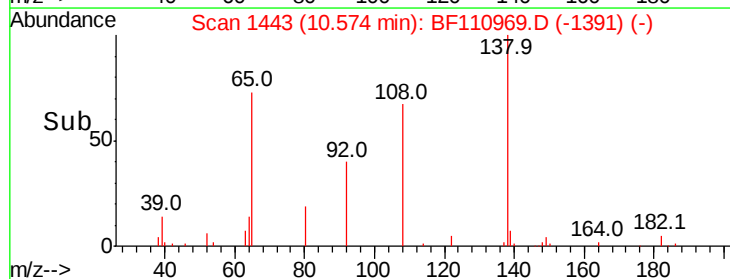
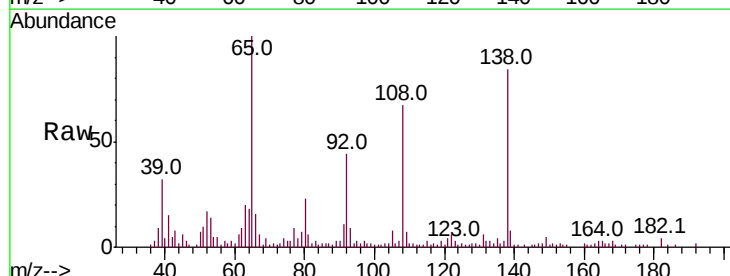
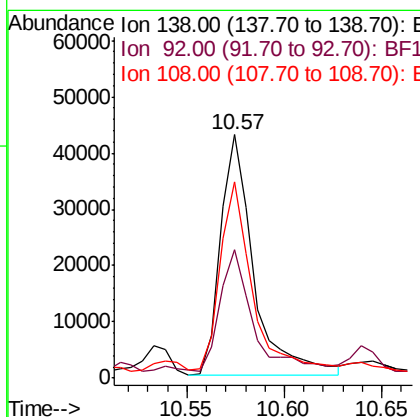
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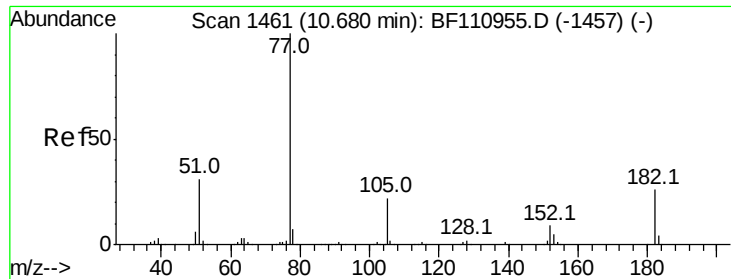
mohammad
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#62
4-Nitroaniline
Concen: 21.637 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	31.7	71.7
108	80.5	59.3	99.3





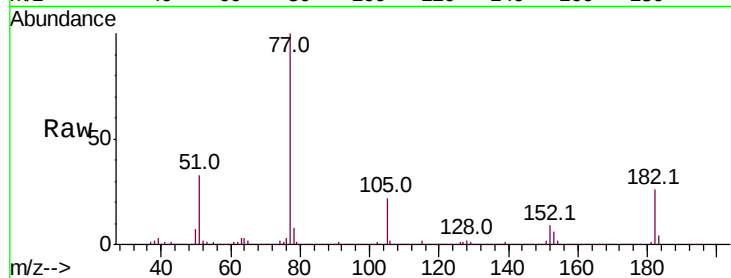
#63
Azobenzene
Concen: 35.354 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

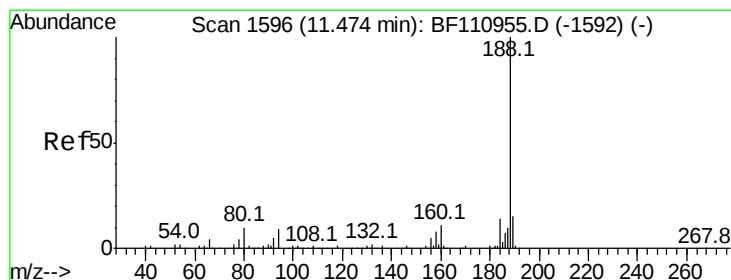
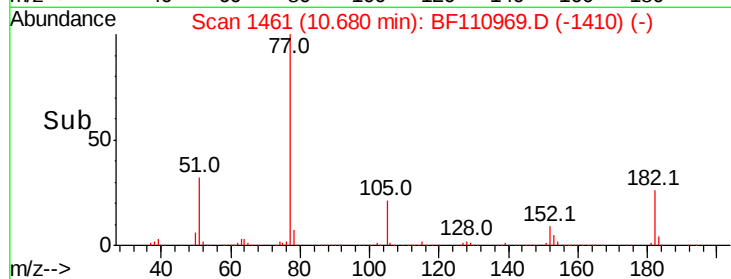
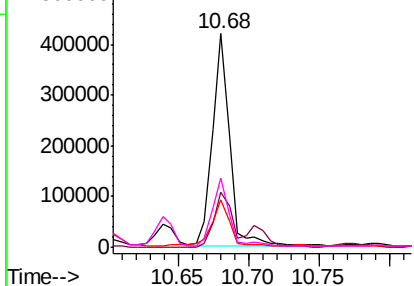
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.3	44.3
105	22.0	1.3	41.3
51	32.5	9.0	49.0

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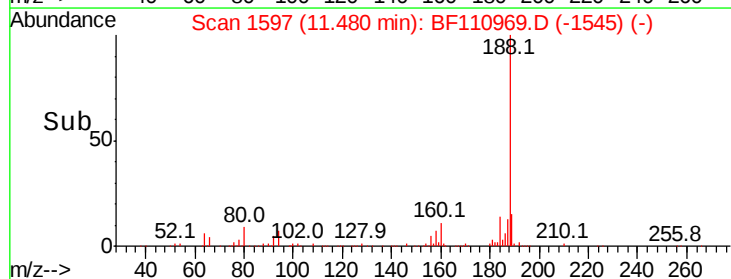
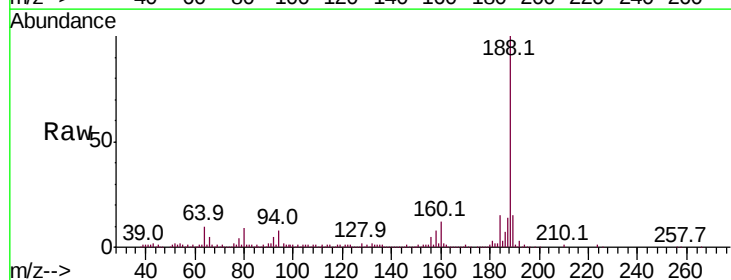
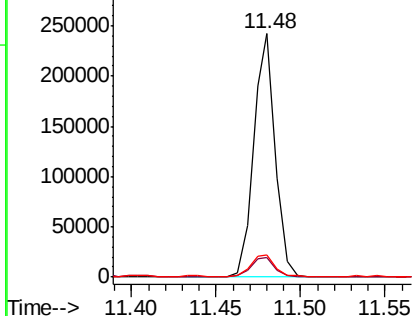
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

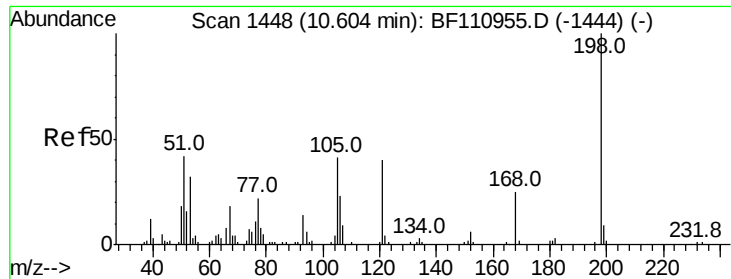


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.2	7.9	11.9

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.554 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

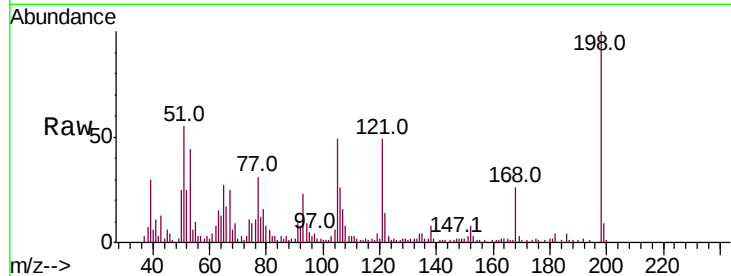
ClientSampleId :

DTW-03MS

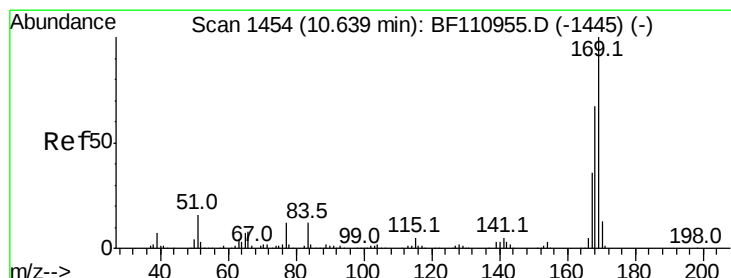
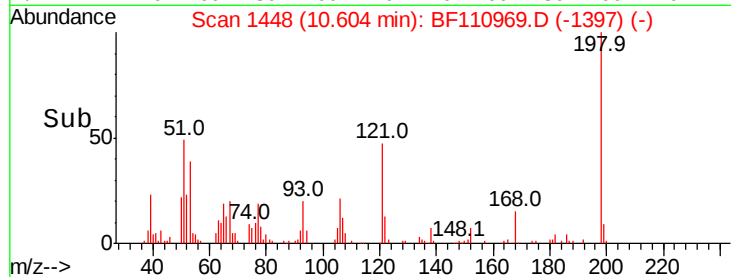
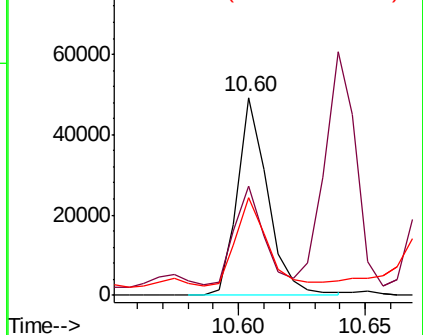
Tot Ion:	198	Resp:	41099
Ion Ratio	Lower	Upper	
198	100		
51	55.3	22.8	62.8
105	49.4	23.6	63.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.524 ng

RT: 10.64 min Scan# 1454

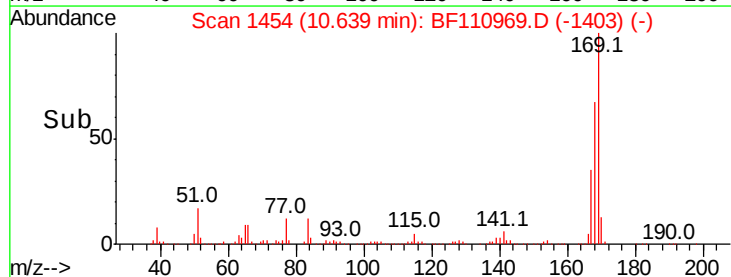
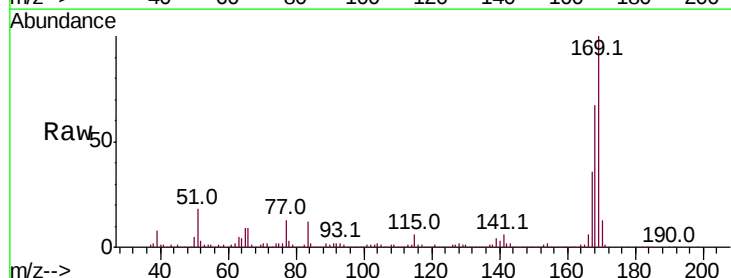
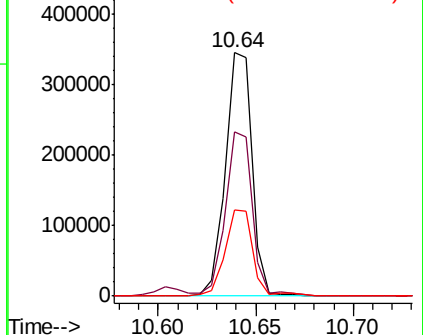
Delta R.T. -0.00 min

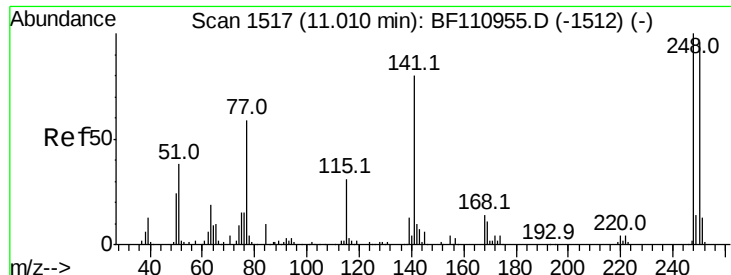
Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Tgt Ion:	169	Resp:	324680
Ion Ratio	Lower	Upper	
169	100		
168	67.2	51.2	76.8
167	35.6	27.8	41.6

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





#67

4-Bromophenyl-phenylether

Concen: 45.561 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

ClientSampleId :

DTW-03MS

Tot Ion:248 Resp: 106308

Ion Ratio Lower Upper

248 100

250 94.4 79.4 119.2

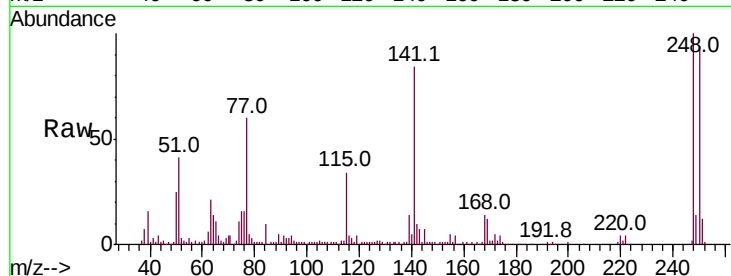
141 84.5 55.9 83.9#

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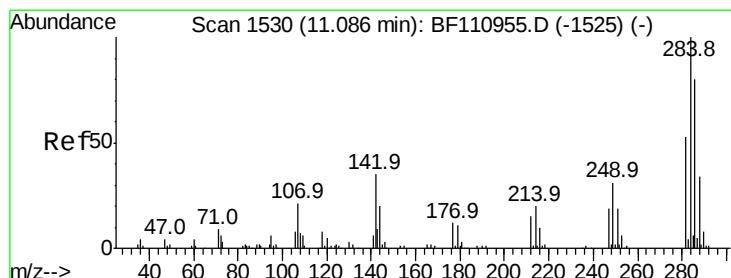
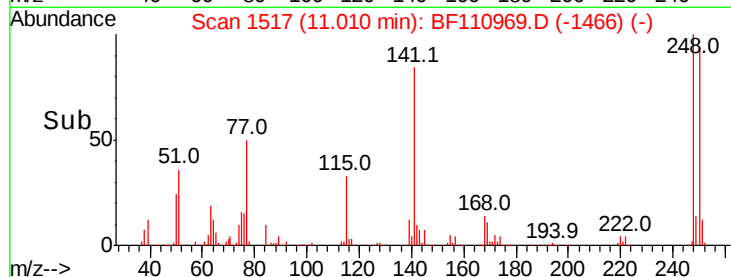
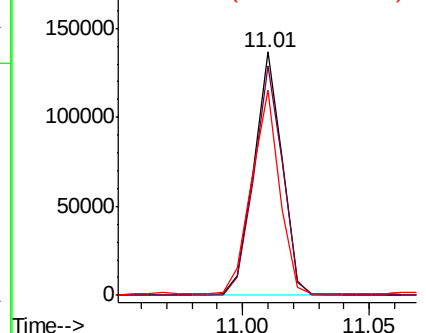
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.206 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Tgt Ion:284 Resp: 109863

Ion Ratio Lower Upper

284 100

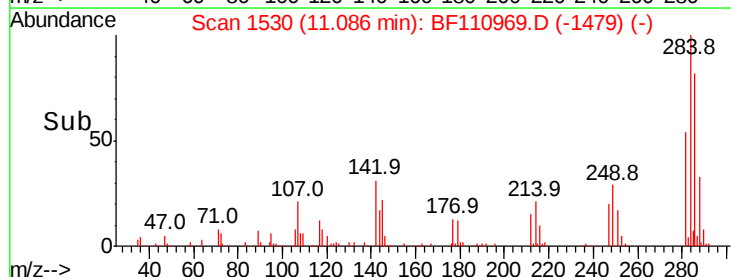
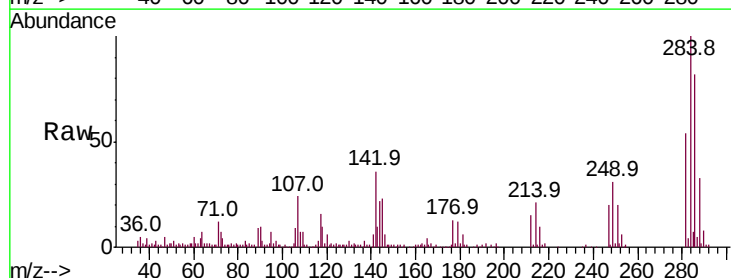
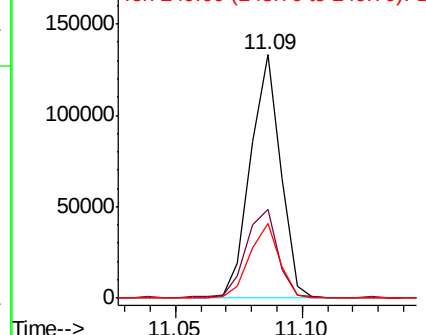
142 36.3 23.9 35.9#

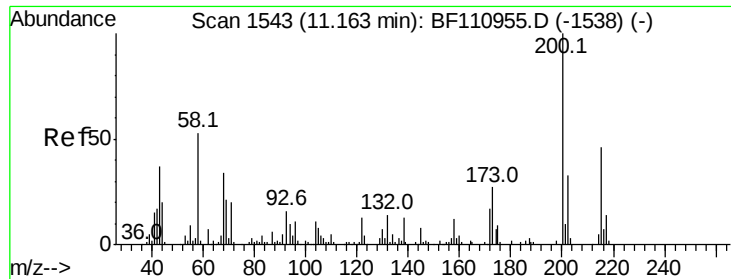
249 30.7 24.2 36.2

Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





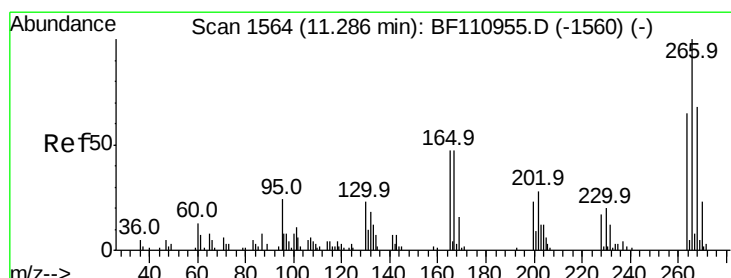
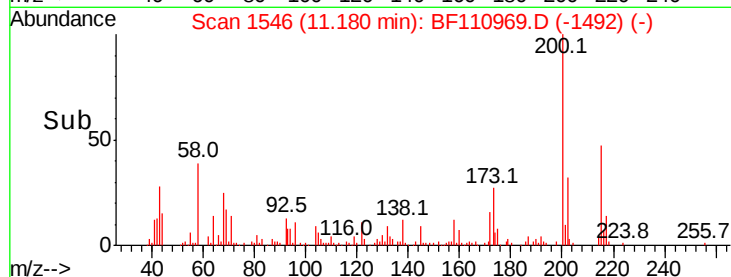
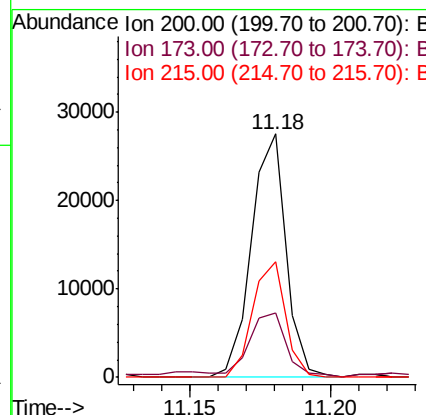
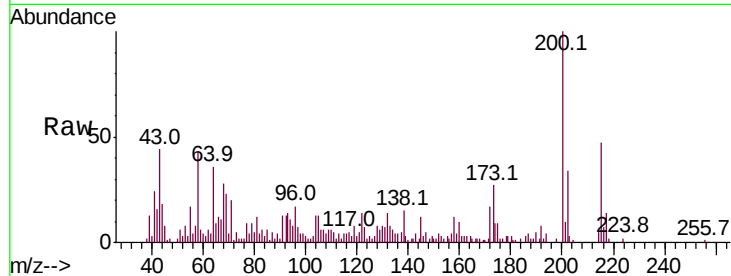
#69
 Atrazine
 Concen: 9.891 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tot Ion:	200	Resp:	23437
Ion Ratio	Lower	Upper	
200	100		
173	26.6	6.6	46.6
215	47.3	26.3	66.3

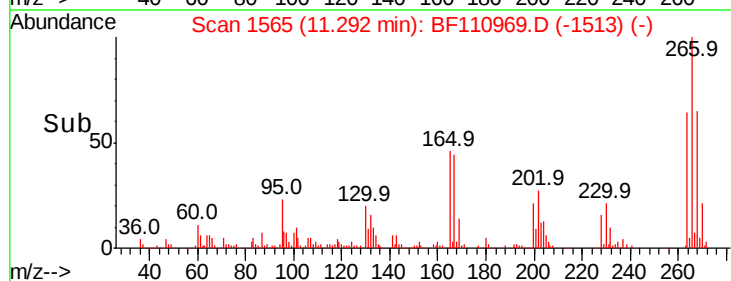
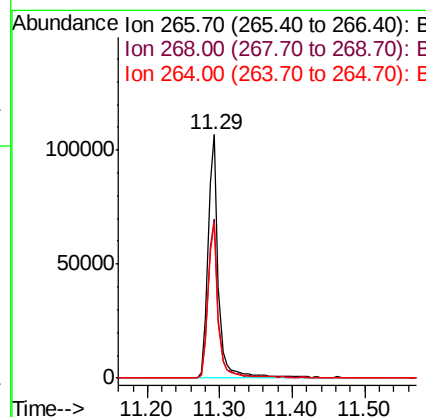
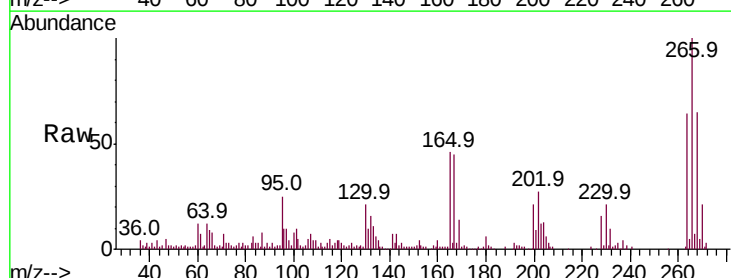
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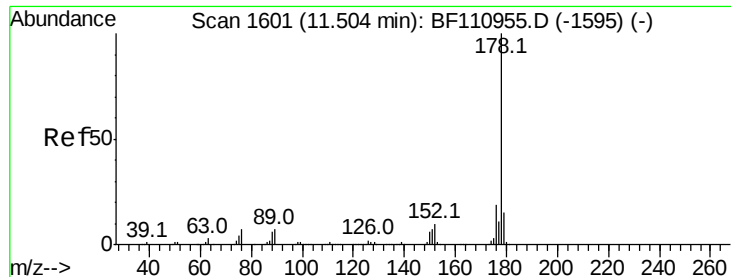
mohammad
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#70
 Pentachlorophenol
 Concen: 108.777 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion:	266	Resp:	107555
Ion Ratio	Lower	Upper	
266	100		
268	65.3	50.6	75.8
264	63.9	50.6	75.8





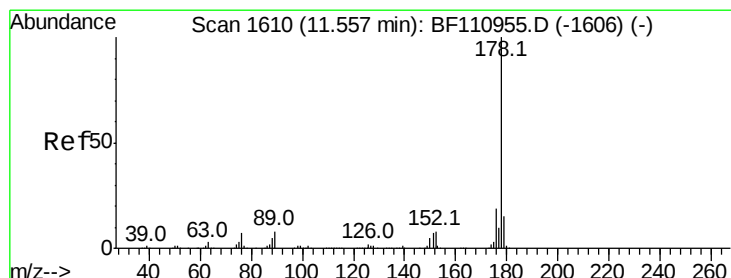
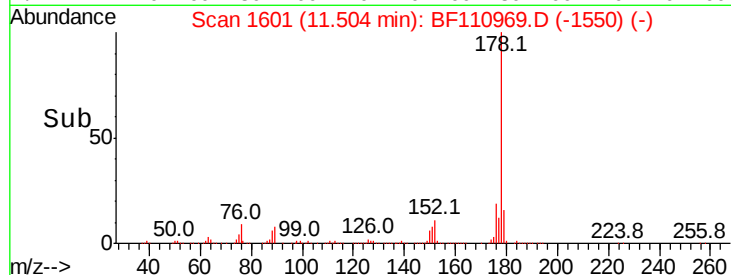
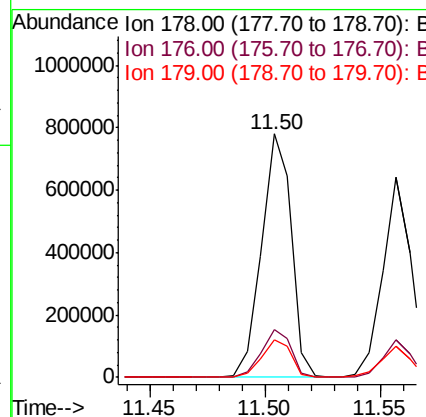
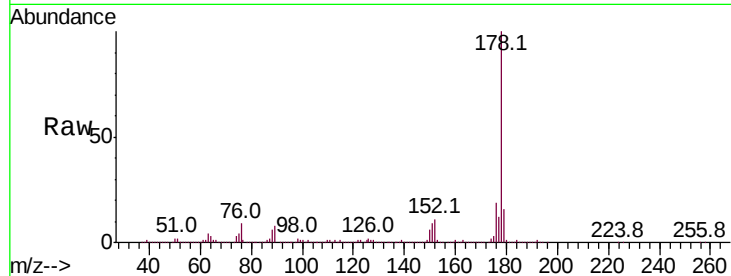
#71
Phenanthrene
Concen: 61.871 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

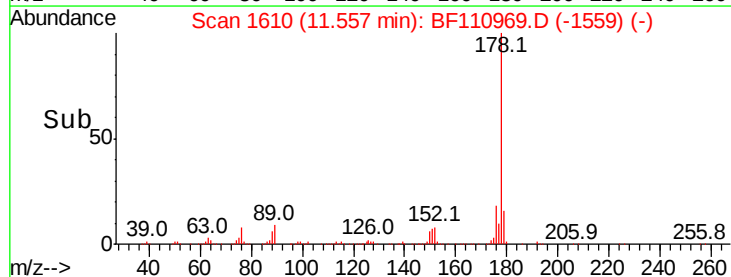
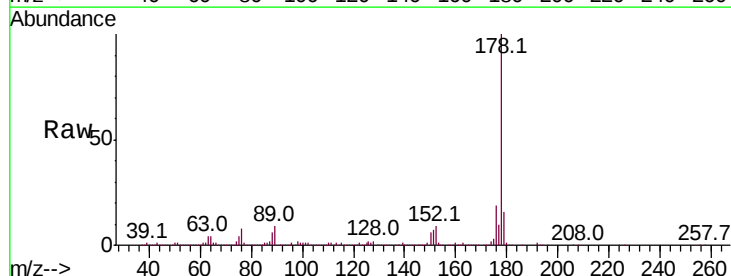
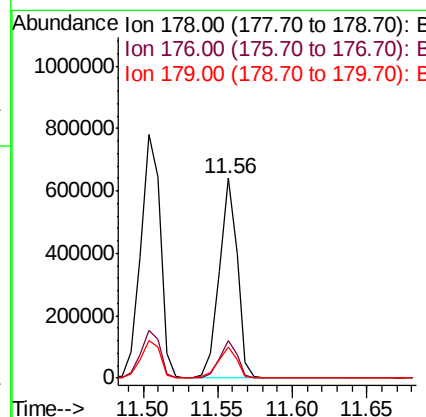
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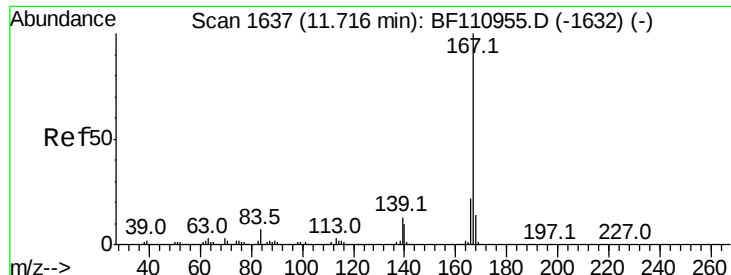
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#72
Anthracene
Concen: 46.529 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.8	12.6	18.8





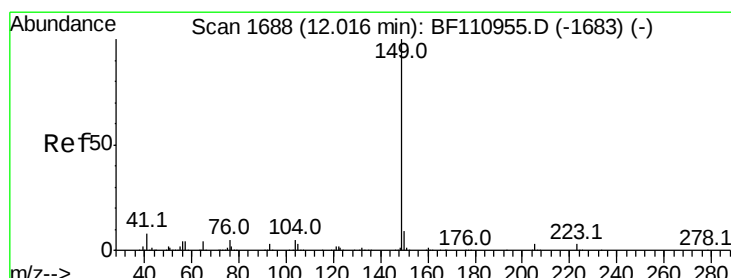
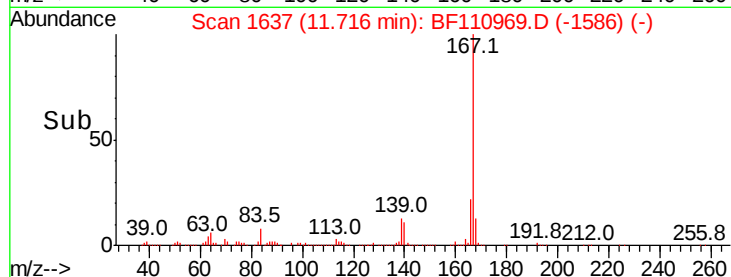
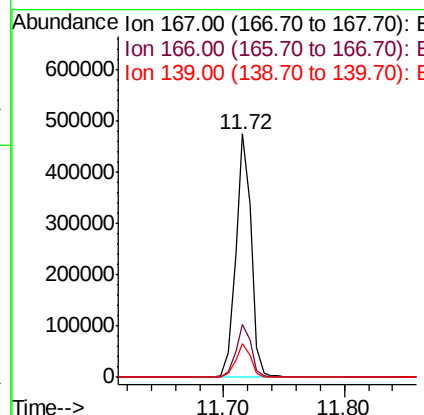
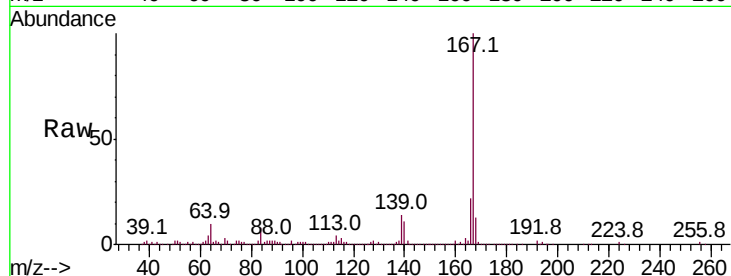
#73
 Carbazole
 Concen: 37.163 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.7	10.9	16.3

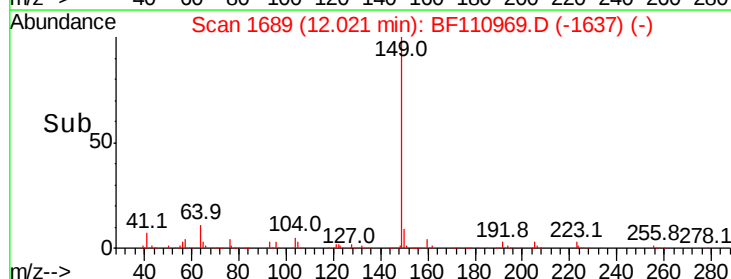
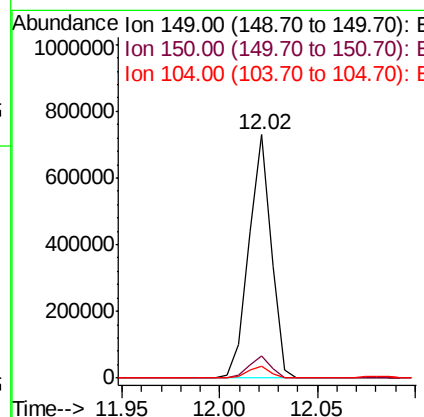
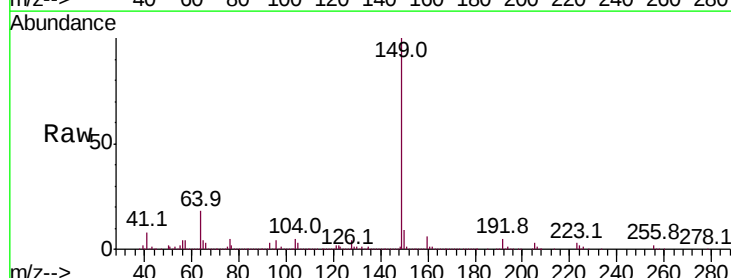
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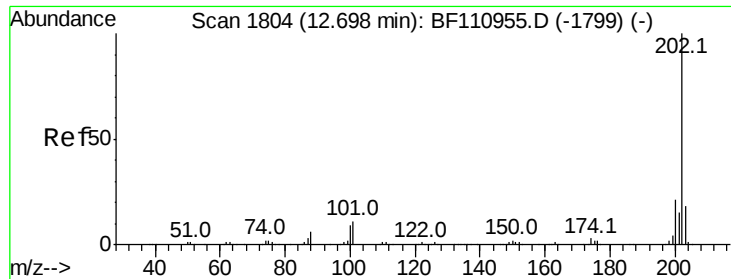
mohammad
 11/27/2018 11:47:43 AM



#74
 Di-n-butylphthalate
 Concen: 44.080 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.9	4.2	6.4





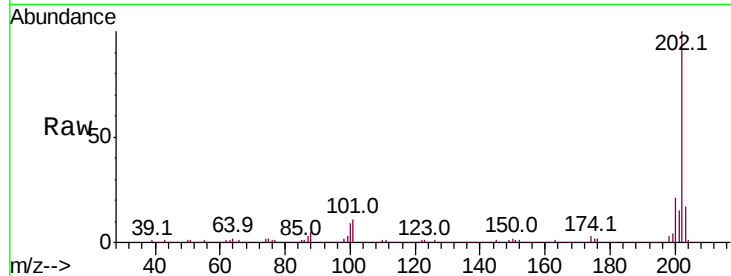
#75
 Fluoranthene
 Concen: 39.254 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

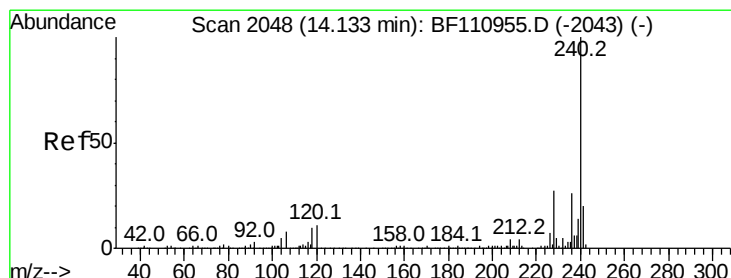
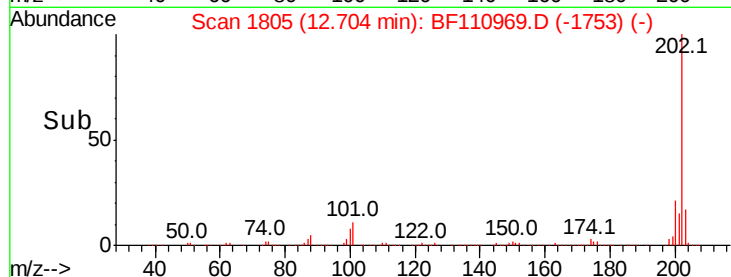
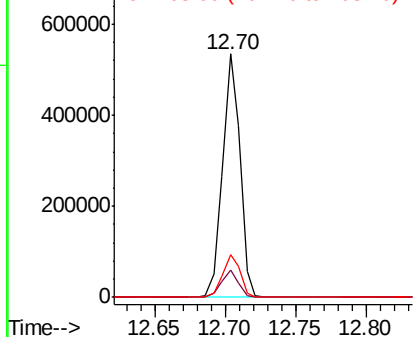
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.3	0.0	37.7

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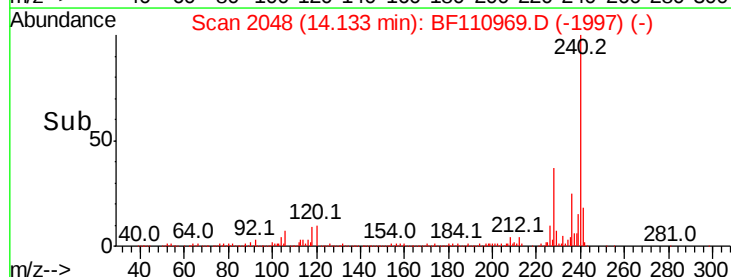
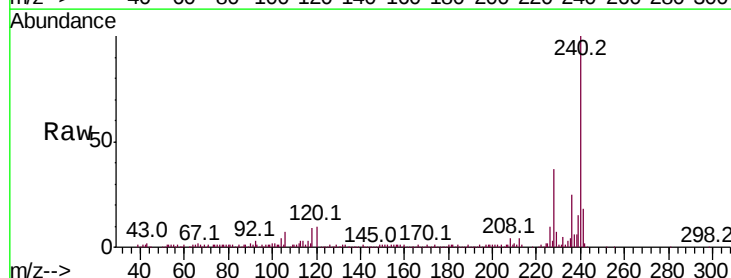
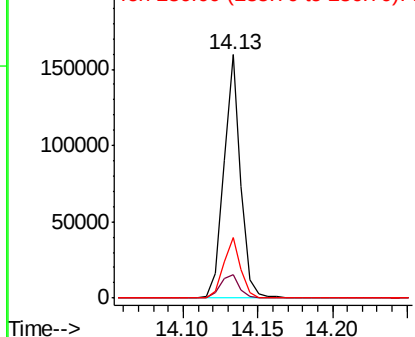
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

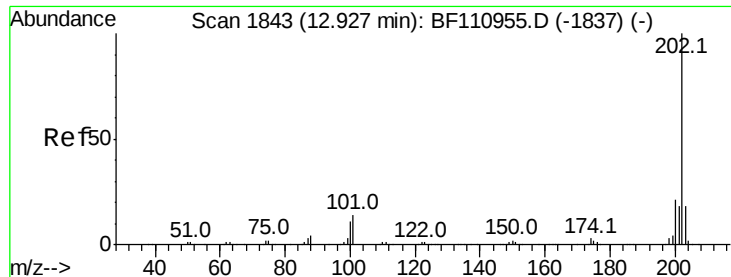


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.0	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





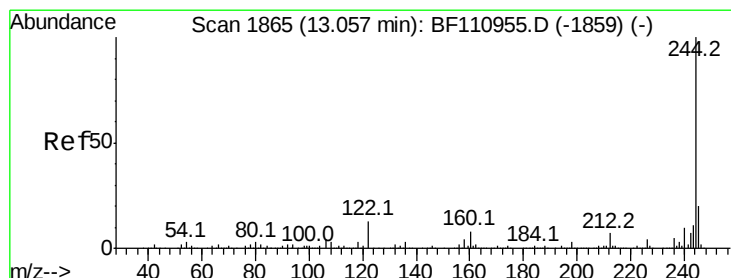
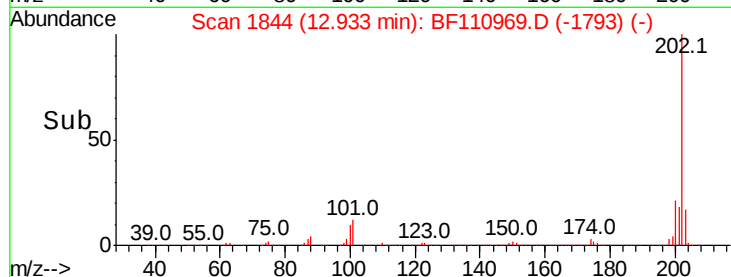
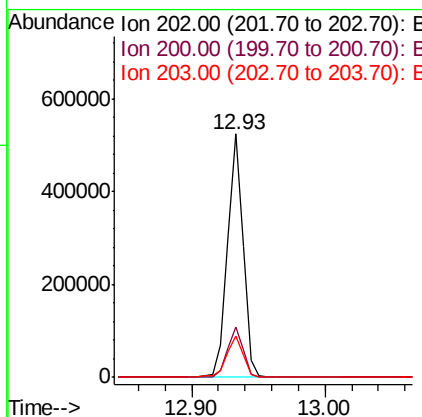
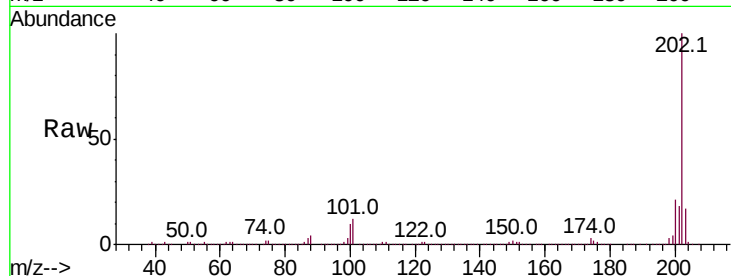
#78
Pvrene
Concen: 47.414 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	438774		
200	20.9		17.8	26.6
203	17.2		14.2	21.4

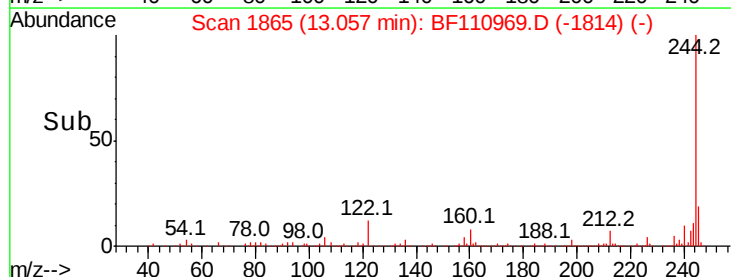
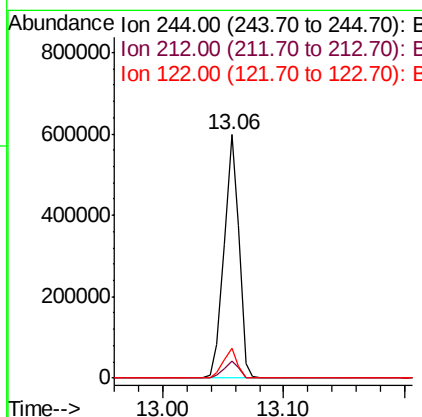
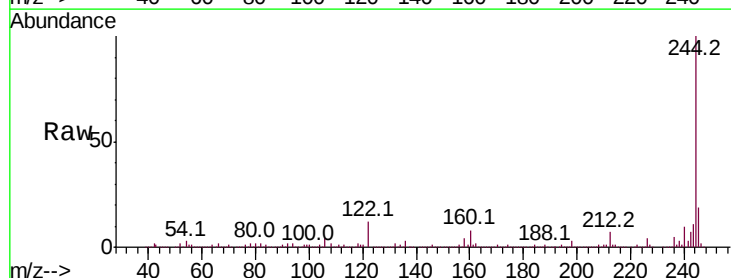
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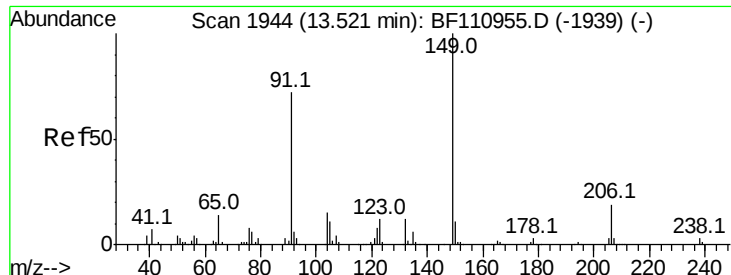
mohammad
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#79
Terphenyl-d14
Concen: 77.814 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	506477		
212	7.0		5.8	8.8
122	12.3		8.7	13.1





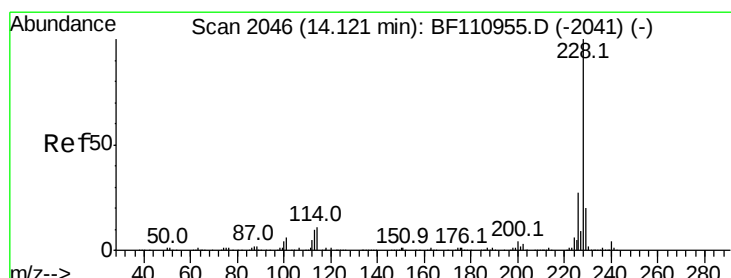
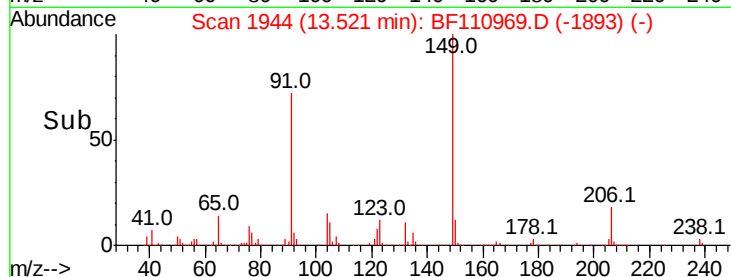
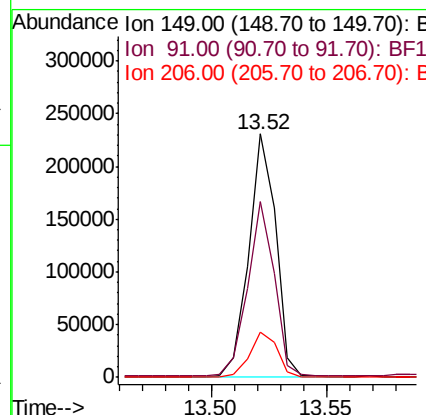
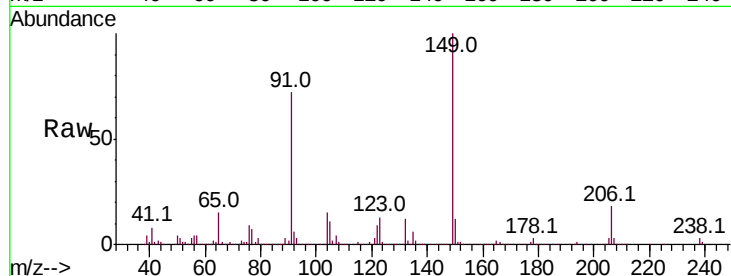
#80
Butylbenzylphthalate
Concen: 45.220 ng
RT: 13.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	188930		
91	72.2	57.2	85.8	
206	18.3	15.7	23.5	

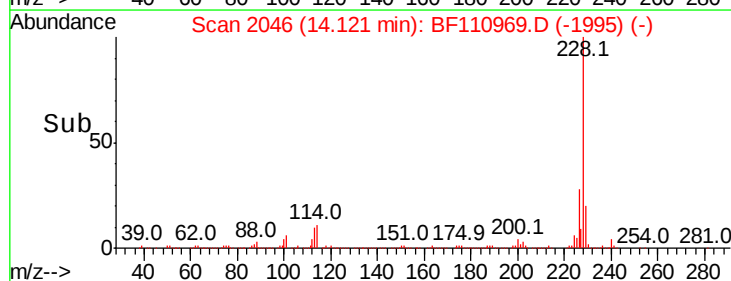
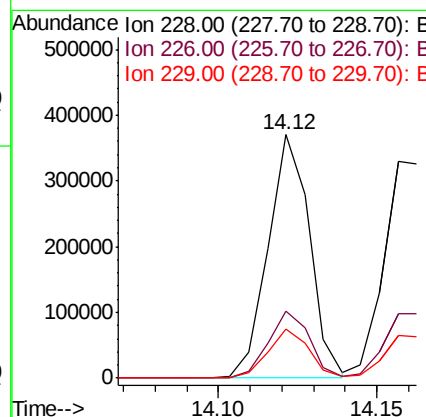
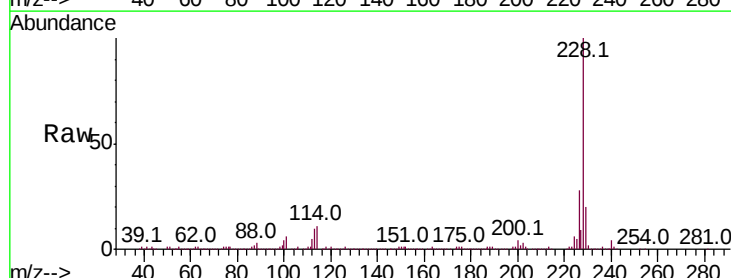
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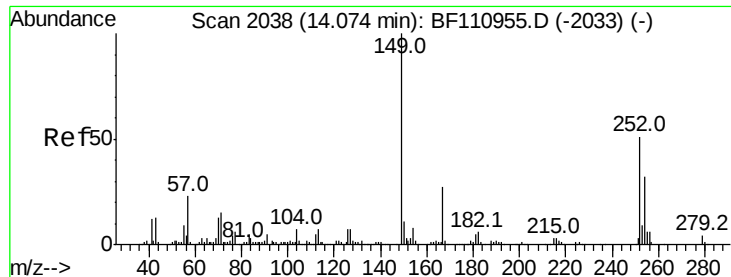
mohammad
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#81
Benzo(a)anthracene
Concen: 45.090 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	337294		
226	27.6	22.1	33.1	
229	19.9	15.6	23.4	





#82

3,3'-Dichlorobenzidine

Concen: 1.096 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.02 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

Instrument :

BNA_F

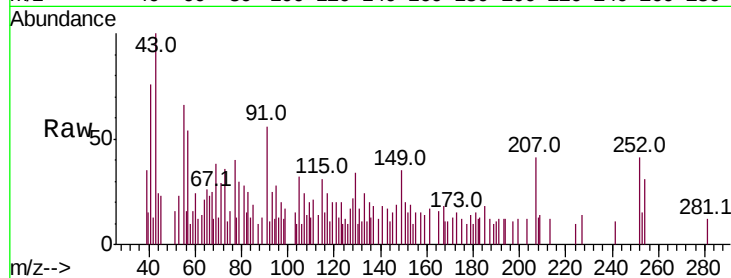
ClientSampleId :

DTW-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	75.5	51.3	76.9
126	25.3	9.4	14.2

Manual Integrations
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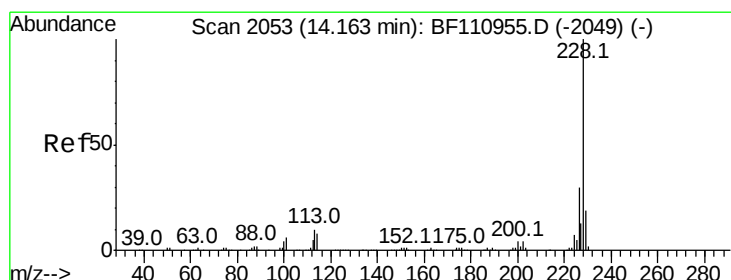
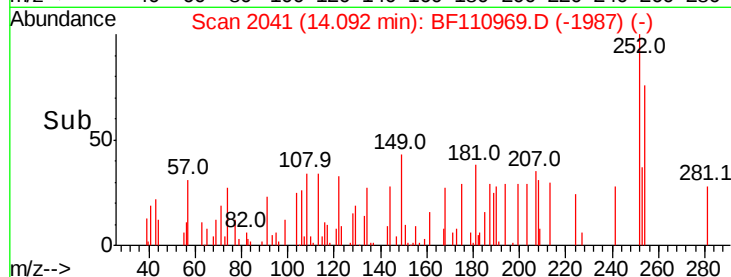
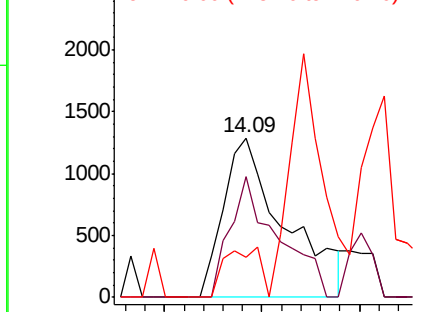


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 44.221 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110969.D

Acq: 26 Nov 2018 17:48

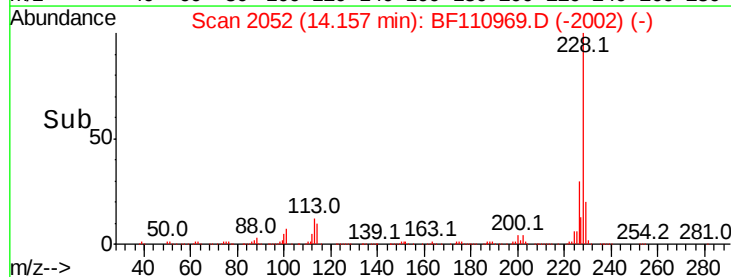
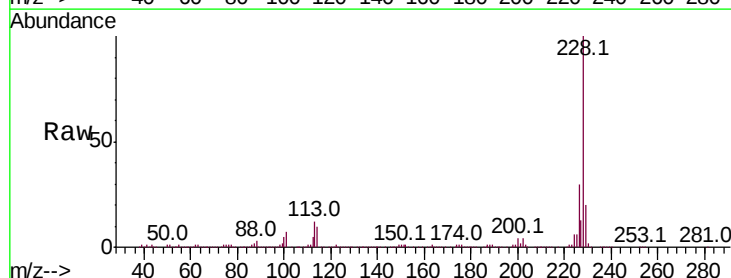
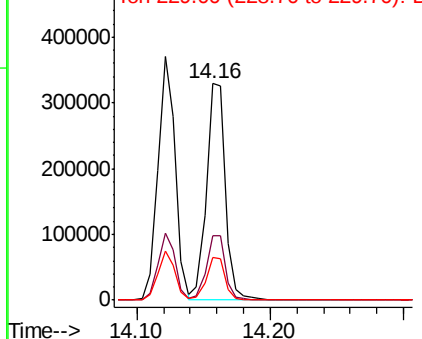
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.7	37.1
229	19.9	15.9	23.9

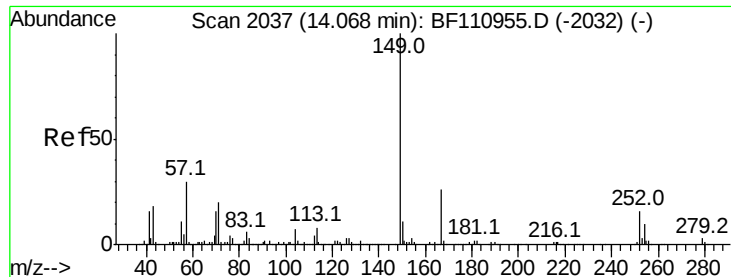
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





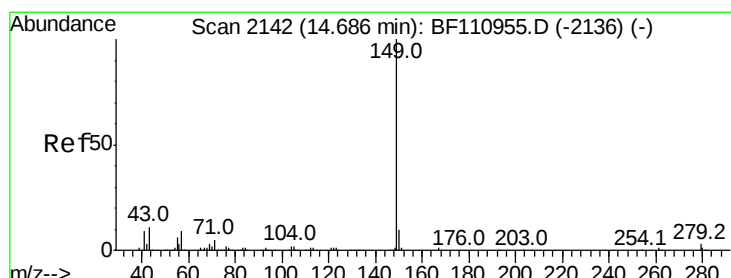
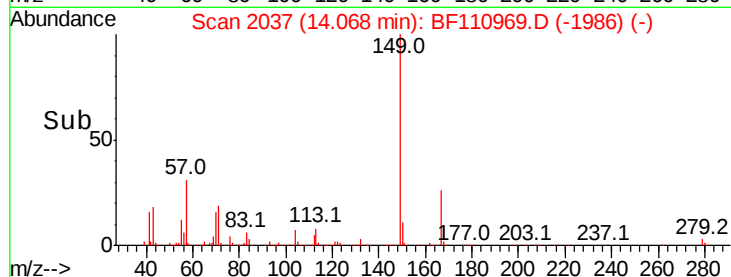
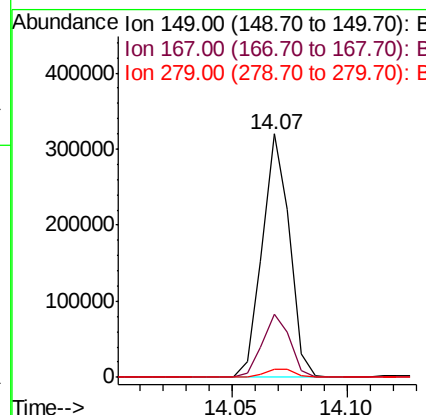
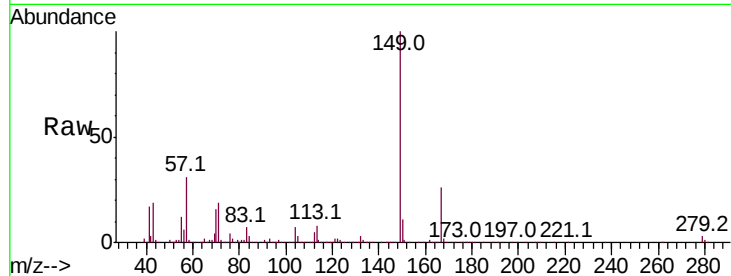
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.421 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	263998		
167	26.0		19.8	29.8
279	3.3		2.7	4.1

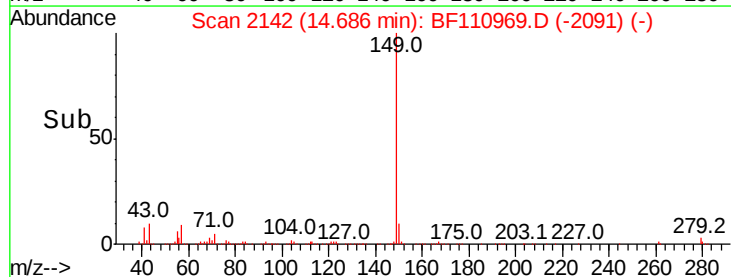
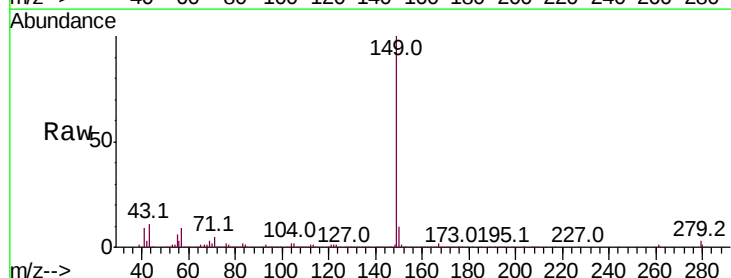
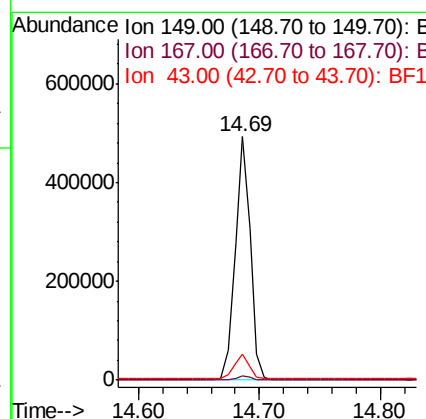
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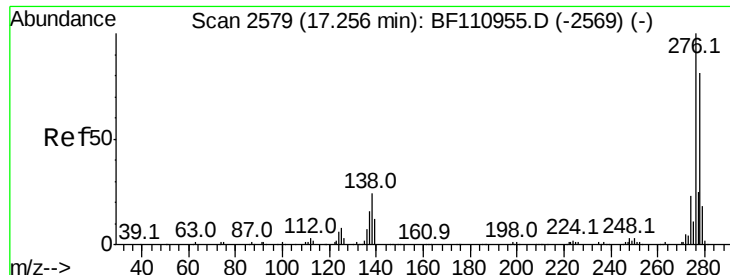
mohammad
 11/27/2018 11:47:43 AM



#85
 Di-n-octyl phthalate
 Concen: 48.259 ng
 RT: 14.69 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	424096		
167	1.7		1.1	1.7#
43	10.1		7.8	11.8





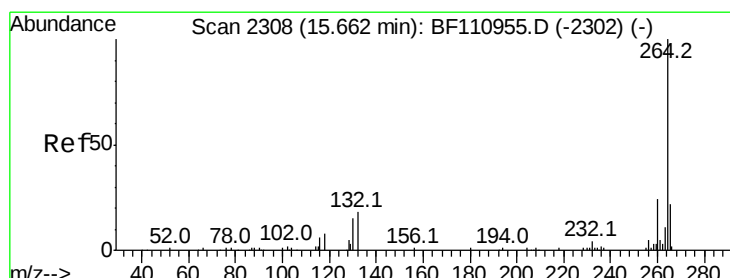
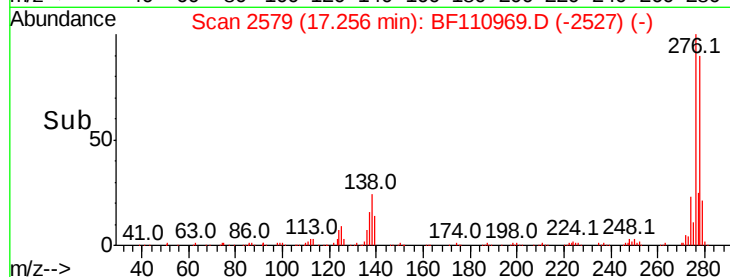
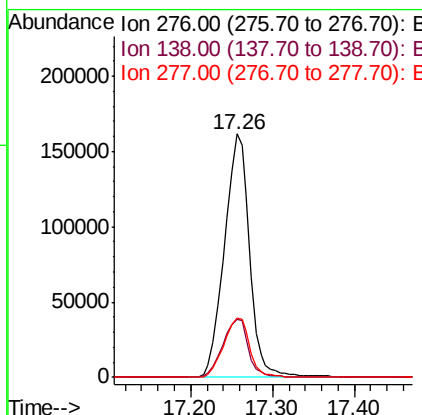
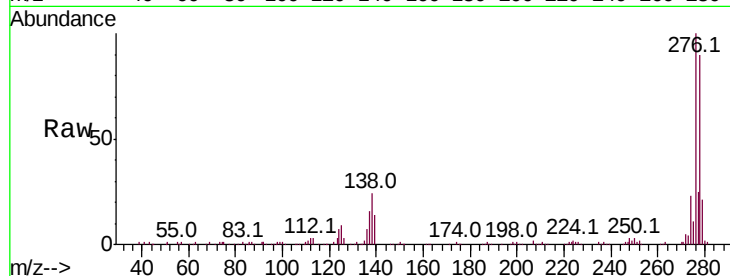
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 65.669 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. 0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.5	27.7
277	25.2	20.0	30.0

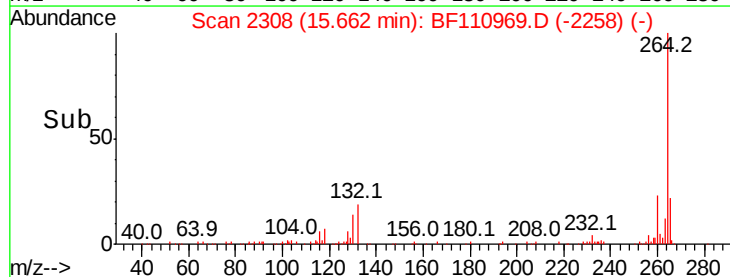
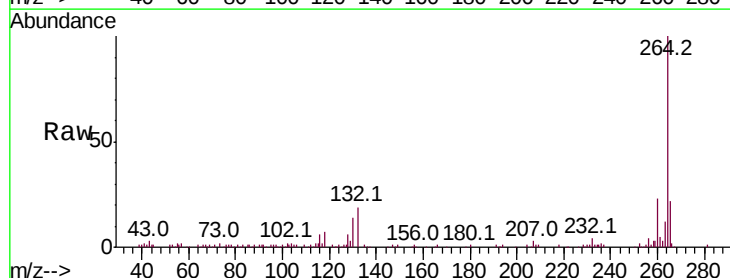
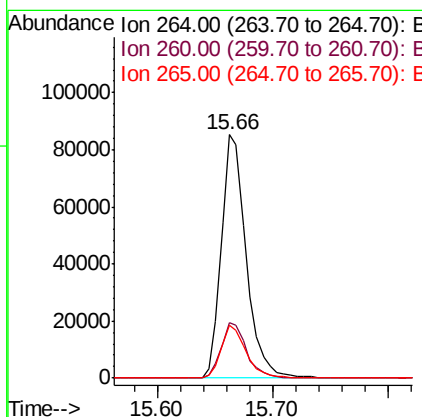
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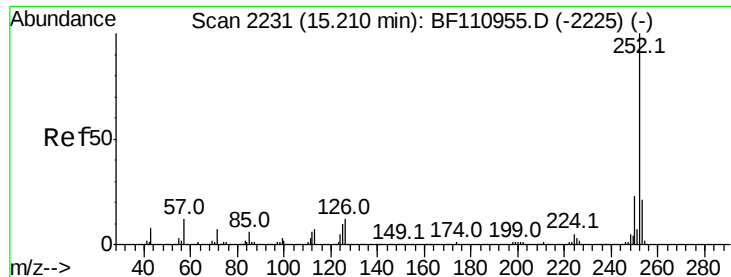
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.6	16.7	25.1





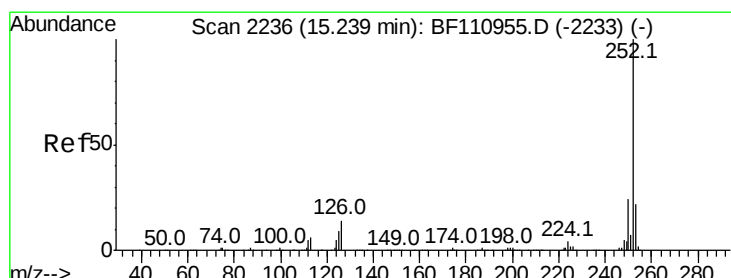
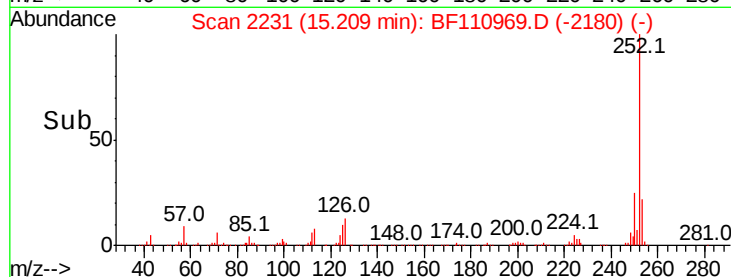
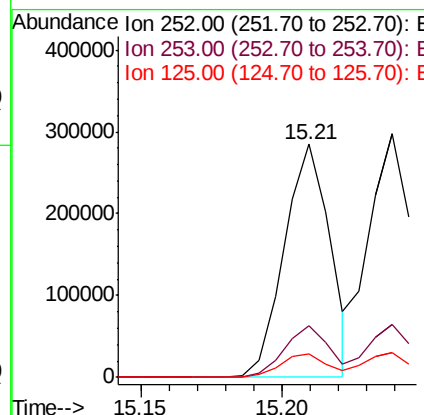
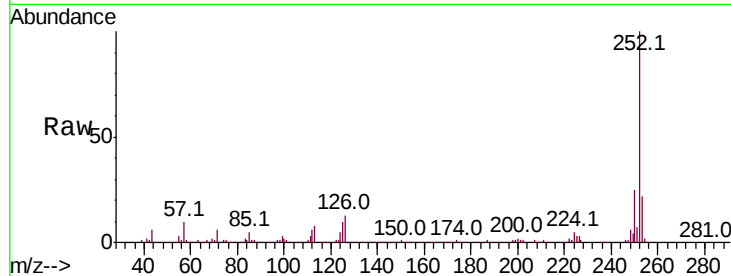
#88
Benzo(b)fluoranthene
Concen: 42.776 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.2	8.2	12.4

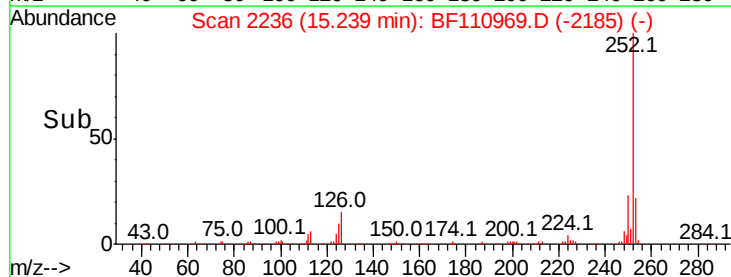
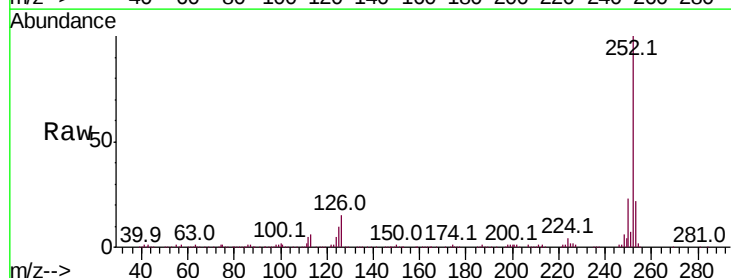
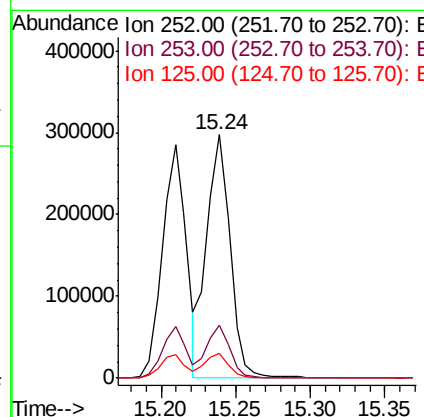
Manual Integrations
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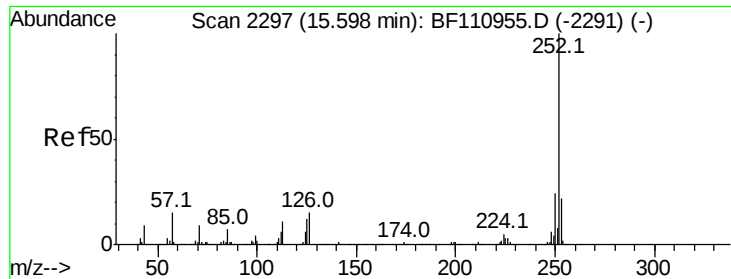
mohammad
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#89
Benzo(k)fluoranthene
Concen: 41.771 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.9	7.4	11.0





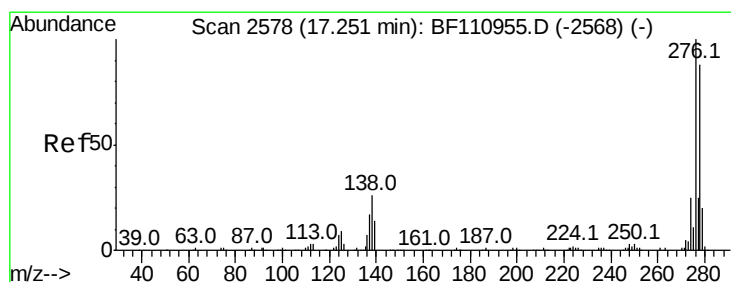
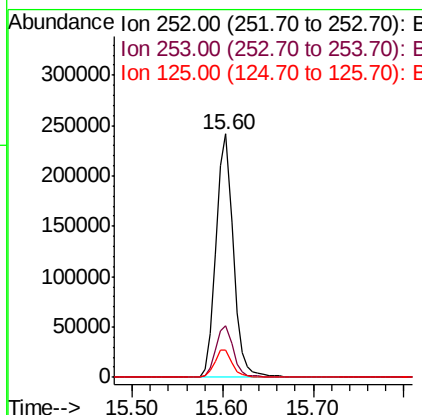
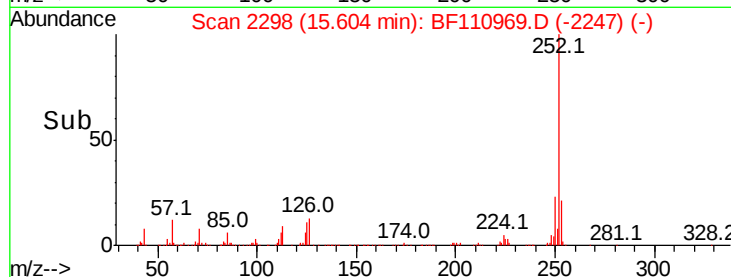
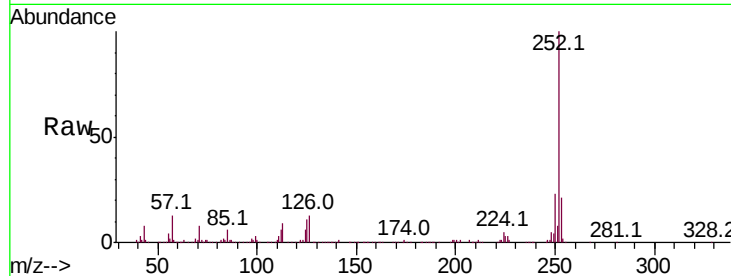
#90
Benzo(a)pyrene
Concen: 45.861 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Instrument :
BNA_F
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	11.1	9.0	13.6

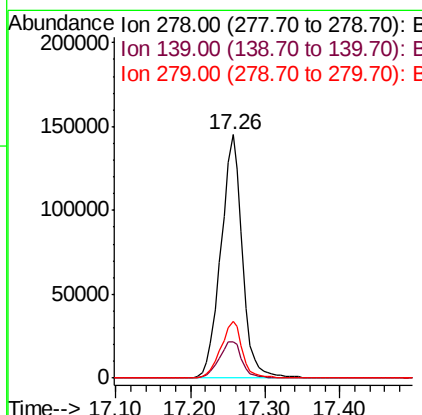
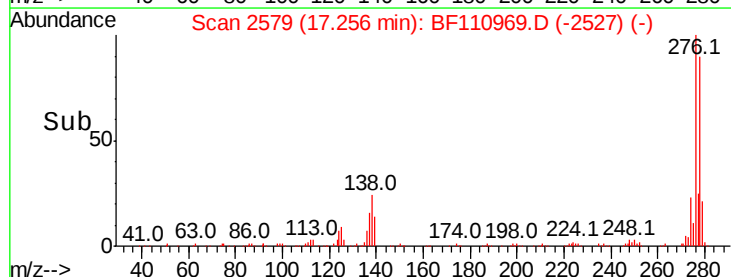
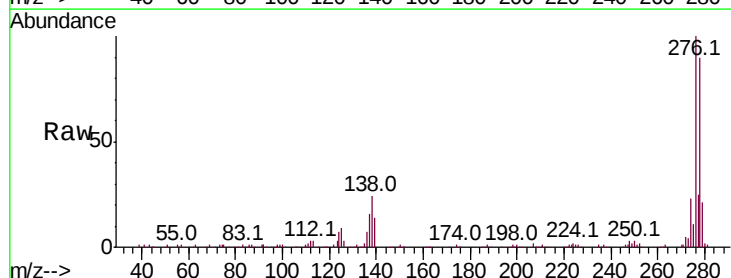
Manual Integrations
APPROVED

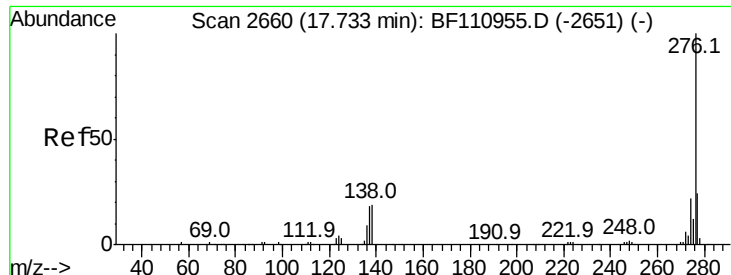
mohammad
11/27/2018 11:47:43 AM



#91
Dibenzo(a,h)anthracene
Concen: 50.751 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF110969.D
Acq: 26 Nov 2018 17:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	23.2	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 49.380 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.01 min
 Lab File: BF110969.D
 Acq: 26 Nov 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MS

Tot Ion:	276	Resp:	273311
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.8	28.2
138	20.9	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:47:43 AM

