

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111107.D
 Acq On : 5 Dec 2018 14:22
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

mohammad
 12/6/2018 12:11:33 PM

Quant Time: Dec 05 17:25:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 15:25:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	565562	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2311782	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1076113	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1831423	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1242069	20.00	ng	0.00
87) Perylene-d12	15.38	264	1041787	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1877231	55.04	ng	0.00
7) Phenol-d6	6.43	99	2385164	53.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	2045356	50.64	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	458103	42.86	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3458635	46.56	ng	0.00
79) Terphenyl-d14	12.90	244	3081703	48.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	527310	32.273	ng	# 83
3) Pyridine	3.28	79	1183257	33.071	ng	# 77
4) n-Nitrosodimethylamine	3.20	42	566221	34.585	ng	# 83
6) Aniline	6.46	93	1584887	28.846	ng	# 53
8) 2-Chlorophenol	6.59	128	1064671	26.341	ng	97
9) Benzaldehyde	6.35	77	717007	30.224	ng	95
10) Phenol	6.44	94	1295104m	25.875	ng	
11) bis(2-Chloroethyl)ether	6.54	93	1056518	28.018	ng	92
12) 1,3-Dichlorobenzene	6.75	146	1133615	25.530	ng	98
13) 1,4-Dichlorobenzene	6.82	146	1139033	24.945	ng	97
14) 1,2-Dichlorobenzene	6.97	146	1066484	24.816	ng	98
15) Benzyl Alcohol	6.94	79	944065	27.640	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2054539	34.236	ng	64
17) 2-Methylphenol	7.05	107	861820	26.818	ng	# 81
18) Hexachloroethane	7.32	117	421436	25.091	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	782439	27.027	ng	# 86
20) 3+4-Methylphenols	7.20	107	1081457	25.316	ng	91
22) Acetophenone	7.21	105	1426631	26.328	ng	# 85
24) Nitrobenzene	7.38	77	1107045	26.354	ng	99
25) Isophorone	7.62	82	1806145	27.258	ng	98
26) 2-Nitrophenol	7.70	139	462634	22.669	ng	97
27) 2,4-Dimethylphenol	7.73	122	846731	27.474	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1238821	27.907	ng	100
29) 2,4-Dichlorophenol	7.93	162	844305	26.179	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	849251	23.497	ng	94
31) Naphthalene	8.11	128	2801564	25.853	ng	99
32) Benzoic acid	7.83	122	567008m	24.745	ng	
33) 4-Chloroaniline	8.15	127	1255860	27.228	ng	99
34) Hexachlorobutadiene	8.23	225	468898	22.778	ng	99
35) Caprolactam	8.51	113	306568	27.843	ng	# 72
36) 4-Chloro-3-methylphenol	8.63	107	916817	25.585	ng	98
37) 2-Methylnaphthalene	8.80	142	1803623	25.198	ng	99
38) 1-Methylnaphthalene	8.90	142	1727090	24.807	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	736269	21.750	ng	# 97

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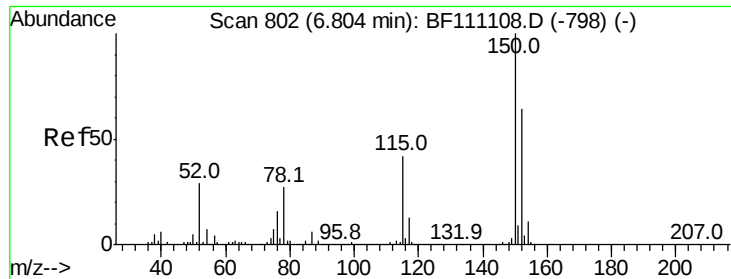
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Quant Time: Dec 05 17:25:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	394011	115.671	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	539721	26.695	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	560790	26.342	nq	98
46) 1,1'-Biphenyl	9.26	154	2364372	23.832	nq	98
47) 2-Chloronaphthalene	9.29	162	1788185	24.859	nq	97
48) 2-Nitroaniline	9.37	65	560446	24.909	nq	94
49) Acenaphthylene	9.70	152	2640991	25.819	nq	97
50) Dimethylphthalate	9.56	163	1951583	24.728	nq	99
51) 2,6-Dinitrotoluene	9.62	165	419677	23.886	nq	95
52) Acenaphthene	9.87	154	1647445	25.123	nq	99
53) 3-Nitroaniline	9.78	138	534844	26.118	nq	98
54) 2,4-Dinitrophenol	9.88	184	95224	17.050	nq	# 1
55) Dibenzofuran	10.05	168	2400324	25.091	nq	98
56) 4-Nitrophenol	9.93	139	400337	39.199	nq	91
57) 2,4-Dinitrotoluene	10.02	165	516842	22.673	nq	95
58) Fluorene	10.39	166	1667178	22.399	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	424409m	24.292	nq	
60) Diethylphthalate	10.26	149	1950880	23.970	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	813023	20.884	nq	94
62) 4-Nitroaniline	10.39	138	465916	24.436	nq	88
63) Azobenzene	10.54	77	2082384	26.250	nq	93
65) 4,6-Dinitro-2-methylphenol	10.42	198	177309	20.467	nq	# 69
66) n-Nitrosodiphenylamine	10.49	169	1655991	27.162	nq	94
67) 4-Bromophenyl-phenylether	10.87	248	503350	25.236	nq	94
68) Hexachlorobenzene	10.93	284	512867	24.141	nq	# 84
69) Atrazine	11.02	200	466267	29.718	nq	98
70) Pentachlorophenol	11.12	266	359957	42.587	nq	97
71) Phenanthrene	11.35	178	2443560	25.192	nq	98
72) Anthracene	11.39	178	2472850	25.033	nq	99
73) Carbazole	11.55	167	2518753	26.270	nq	97
74) Di-n-butylphthalate	11.89	149	2919793	26.046	nq	99
75) Fluoranthene	12.53	202	2336601	23.438	nq	96
77) Benzidine	12.64	184	1093680	34.425	nq	97
78) Pyrene	12.76	202	2448074	26.986	nq	99
80) Butylbenzylphthalate	13.38	149	1201347	29.332	nq	94
81) Benzo(a)anthracene	13.94	228	1877516	25.604	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	744167	29.596	nq	# 99
83) Chrysene	13.97	228	1876725	25.998	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1465632	26.856	nq	96
85) Di-n-octyl phthalate	14.56	149	2323059	26.966	nq	# 90
86) Indeno(1,2,3-cd)pyrene	16.78	276	1357388m	26.196	nq	
88) Benzo(b)fluoranthene	14.97	252	1482246	24.219	nq	# 97
89) Benzo(k)fluoranthene	15.00	252	1538129	24.417	nq	# 96
90) Benzo(a)pyrene	15.32	252	1388969	24.382	nq	# 96
91) Dibenzo(a,h)anthracene	16.80	278	1124665	23.928	nq	# 95
92) Benzo(g,h,i)perylene	17.20	276	1129862	24.931	nq	# 89

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



#1

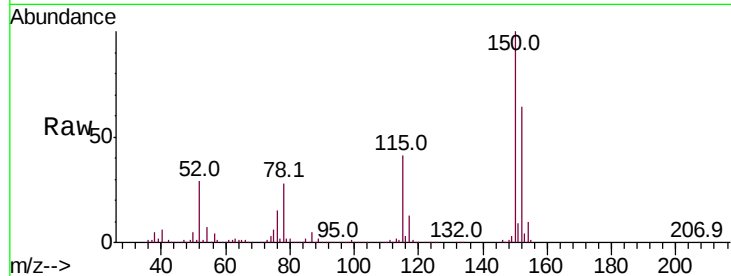
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	63.5	49.1	73.7

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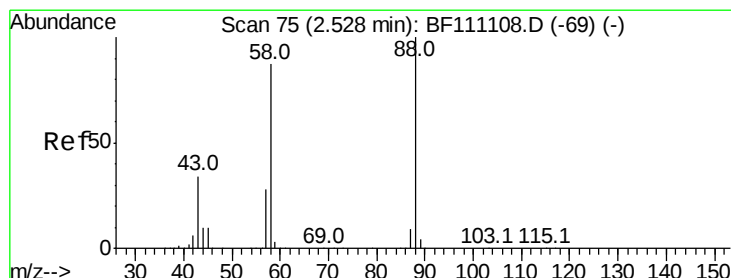
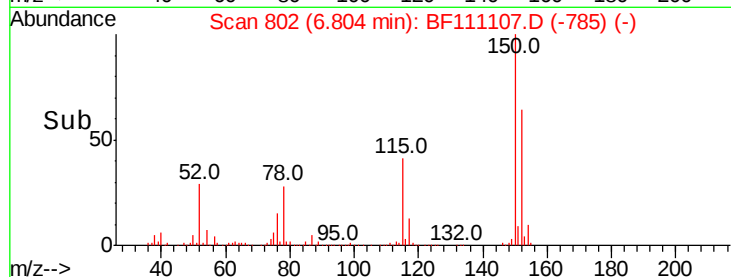
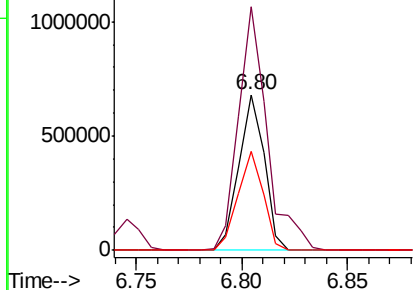


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

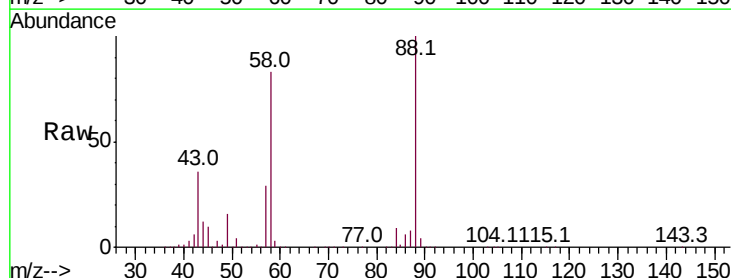
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.273 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	57.1	85.7#
43	35.9	24.1	36.1

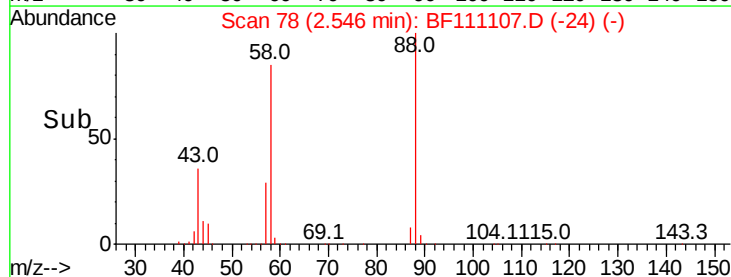
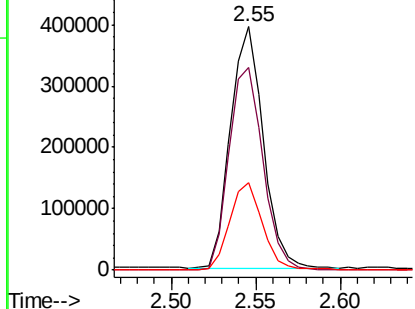


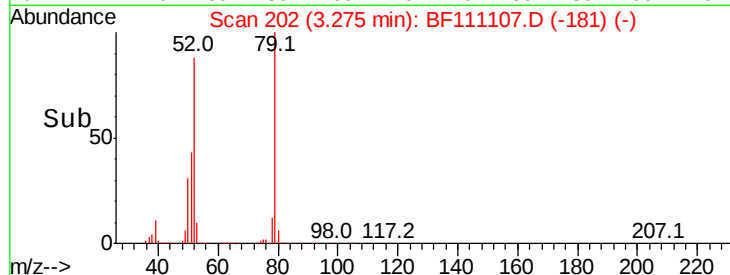
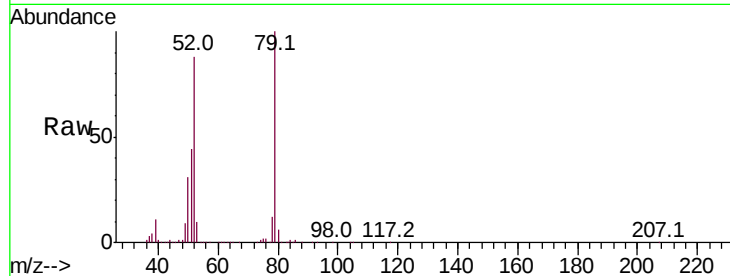
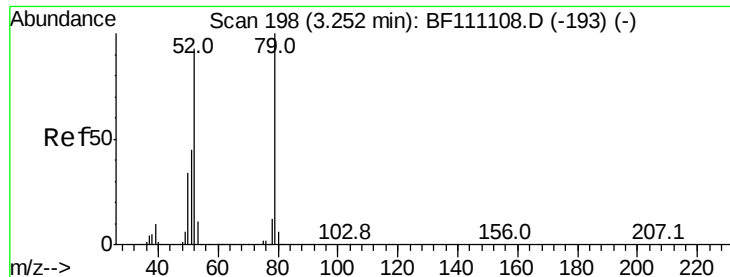
Abundance

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





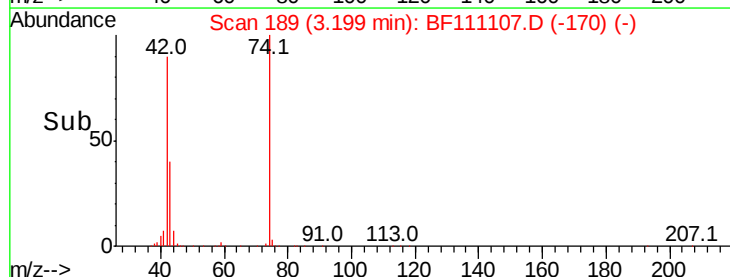
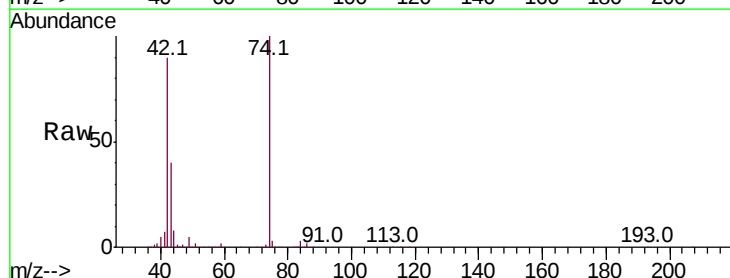
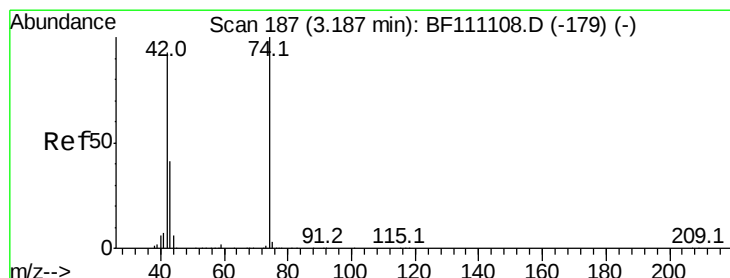
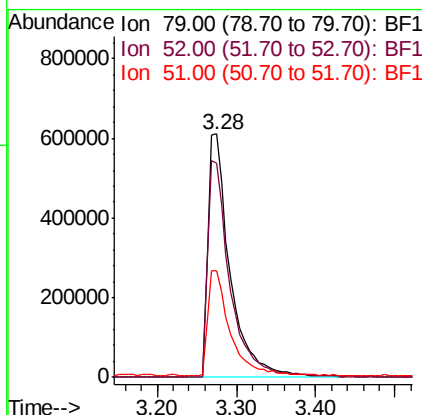
#3
Pvridine
Concen: 33.071 ng
RT: 3.28 min Scan# 202
Delta R.T. 0.02 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tot Ion: 79 Resp: 1183257
Ion Ratio Lower Upper
79 100
52 87.9 53.1 79.7#
51 43.8 27.4 41.2#

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

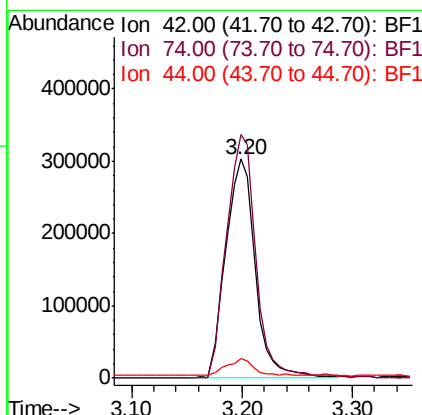
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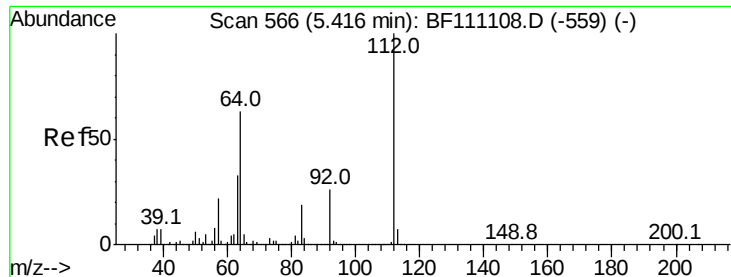
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#4
n-Nitrosodimethylamine
Concen: 34.585 ng
RT: 3.20 min Scan# 189
Delta R.T. 0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion: 42 Resp: 566221
Ion Ratio Lower Upper
42 100
74 111.2 105.5 158.3
44 8.8 4.9 7.3#





#5

2-Fluorophenol

Concen: 55.043 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:112 Resp: 1877231

Ion Ratio Lower Upper

112 100

64 64.1 44.1 66.1

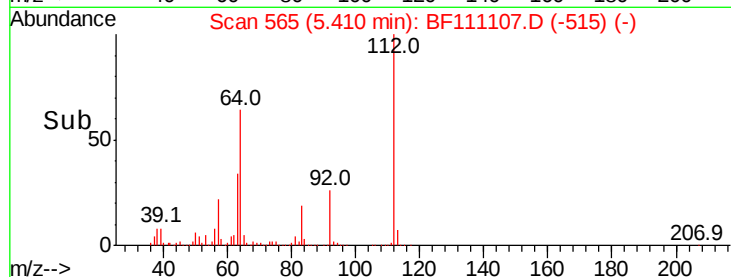
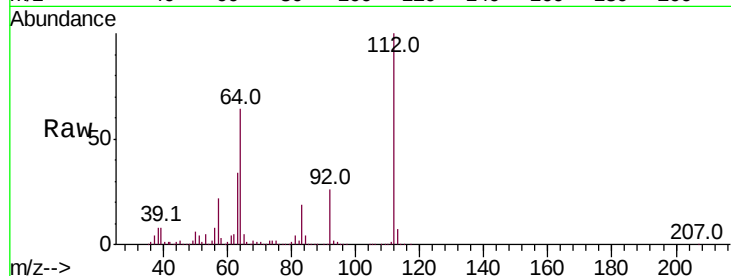
63 34.4 23.7 35.5

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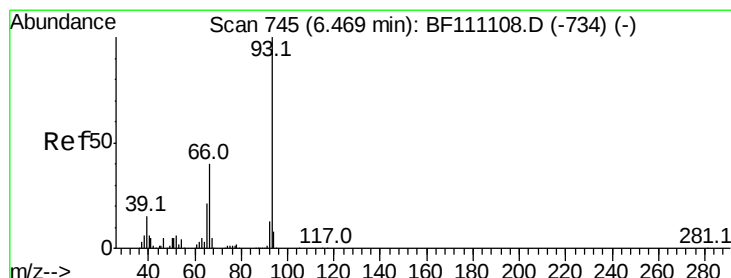
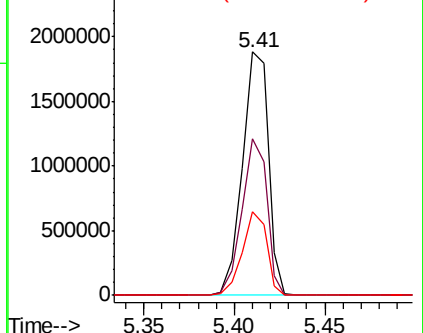
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.846 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

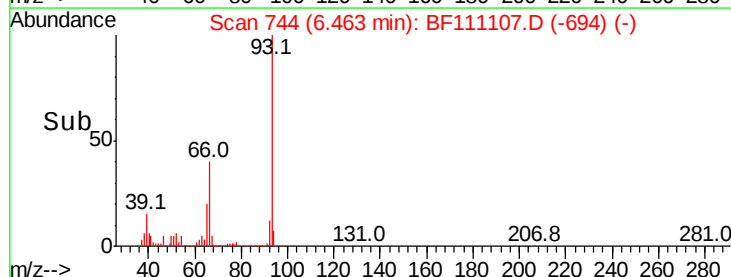
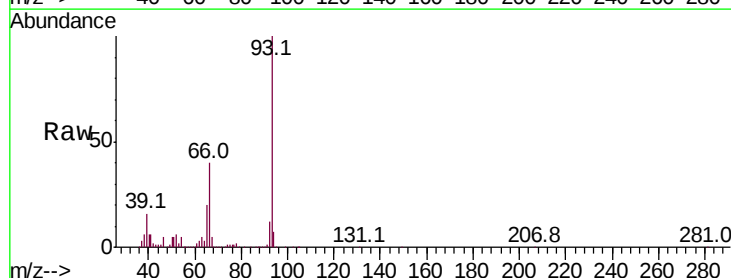
Tgt Ion: 93 Resp: 1584887

Ion Ratio Lower Upper

93 100

66 39.9 67.4 101.0#

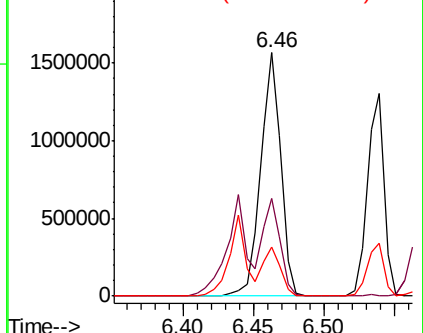
65 20.1 41.0 61.4#

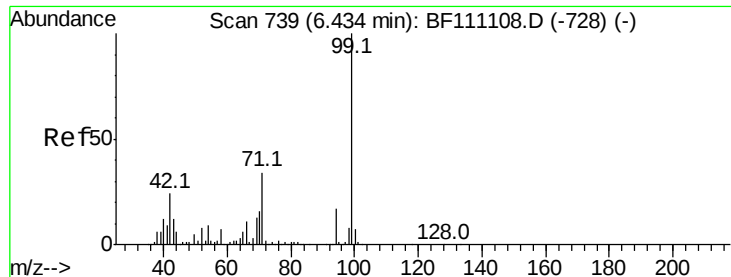


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 53.667 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 99 Resp: 2385164

Ion Ratio Lower Upper

99 100

42 23.4 15.8 23.6

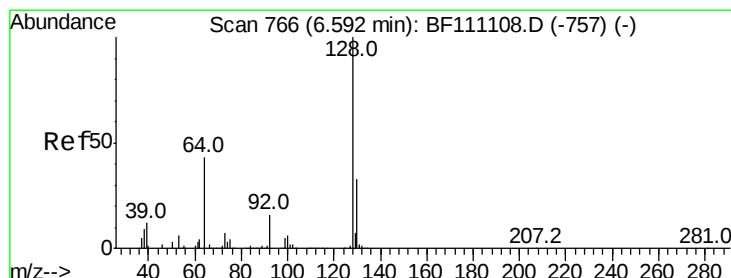
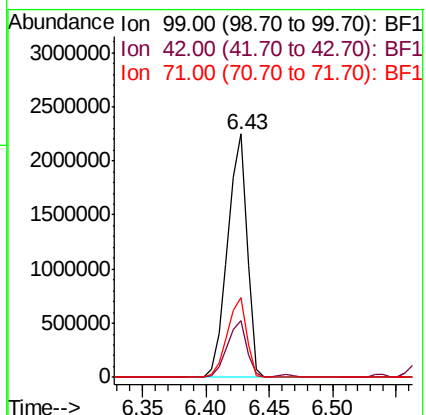
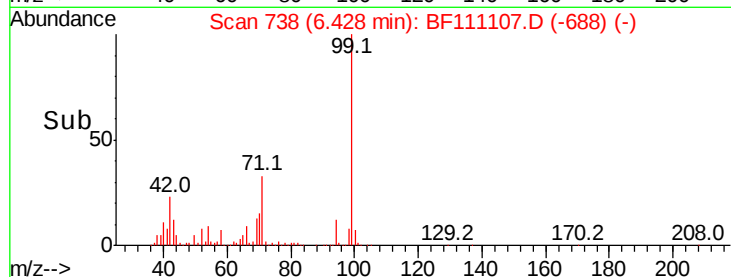
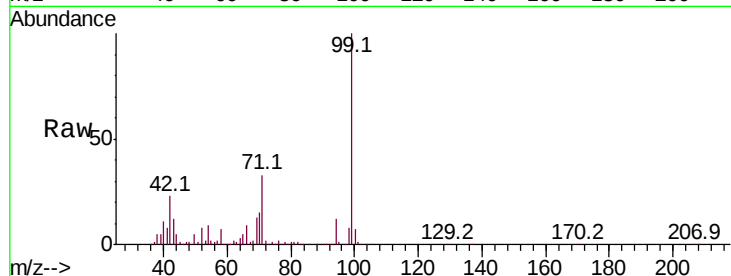
71 33.0 28.0 42.0

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#8

2-Chlorophenol

Concen: 26.341 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

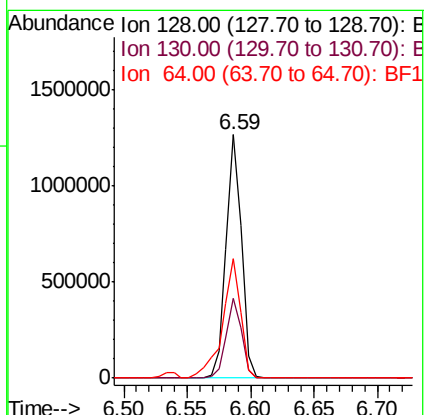
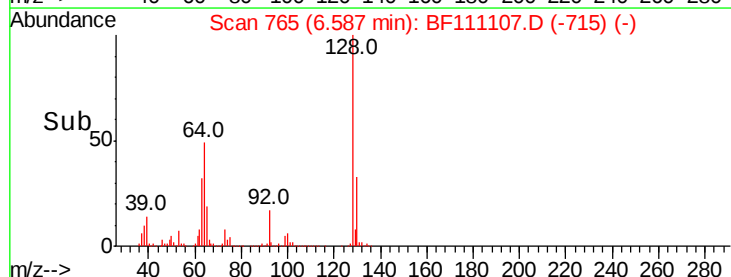
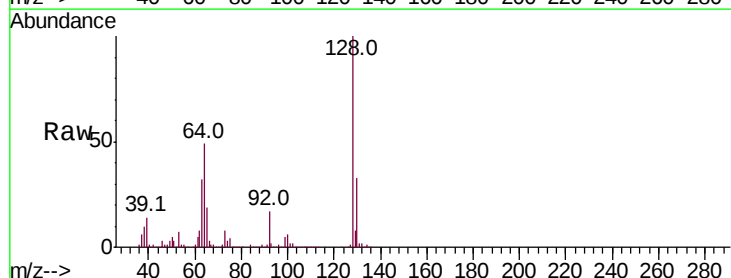
Tgt Ion:128 Resp: 1064671

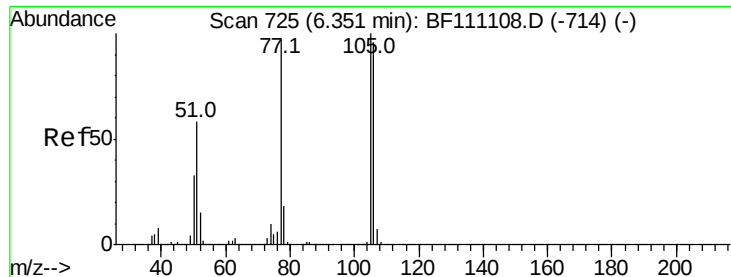
Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 49.1 26.0 66.0





#9

Benzaldehyde

Concen: 30.224 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

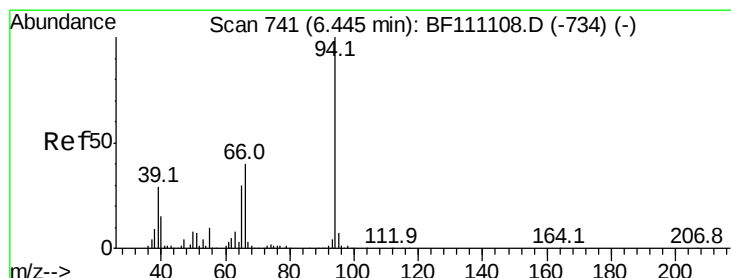
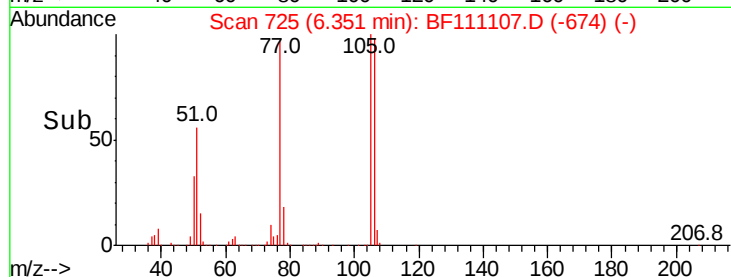
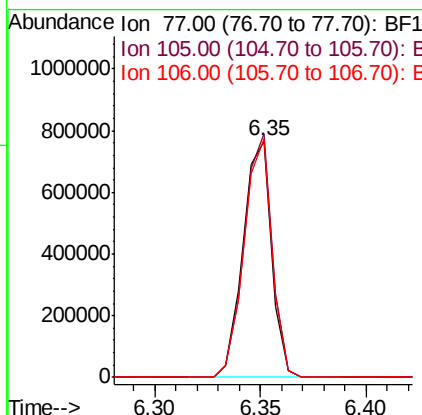
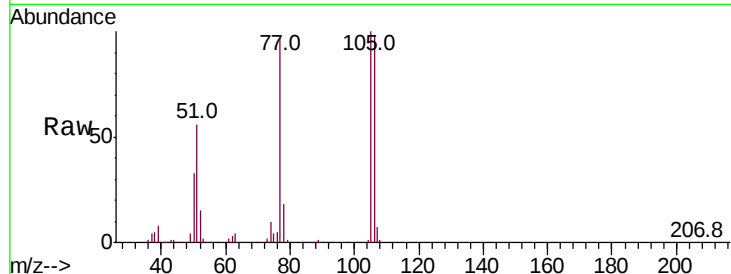
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	78.6	118.6
106	101.0	74.8	114.8

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#10

Phenol

Concen: 25.875 ng m

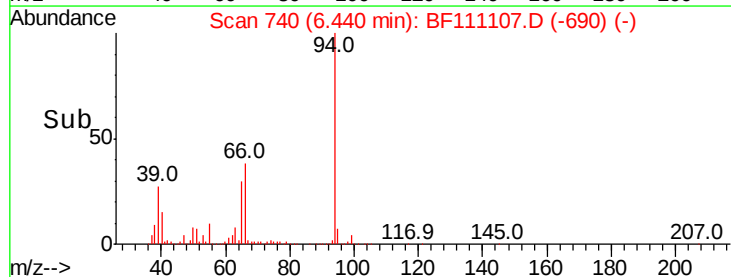
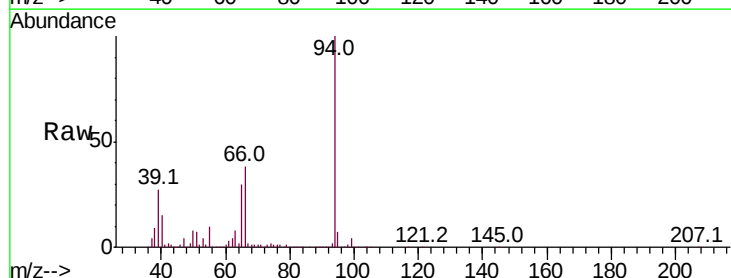
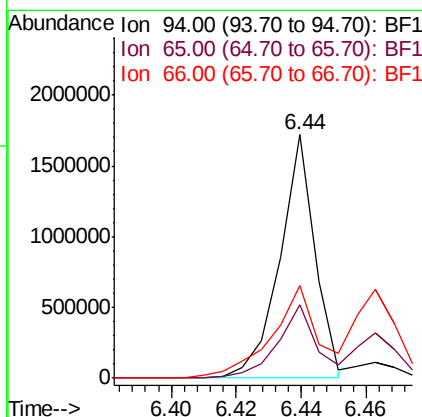
RT: 6.44 min Scan# 740

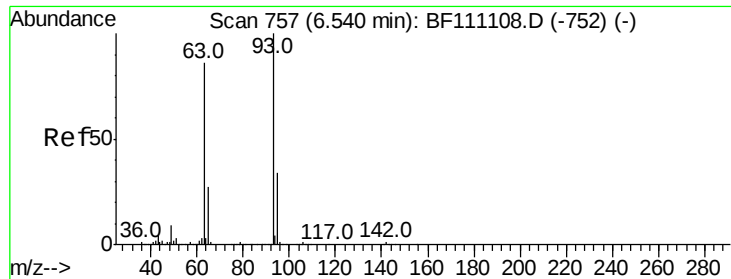
Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.3	65.3
66	38.0	54.5	94.5#





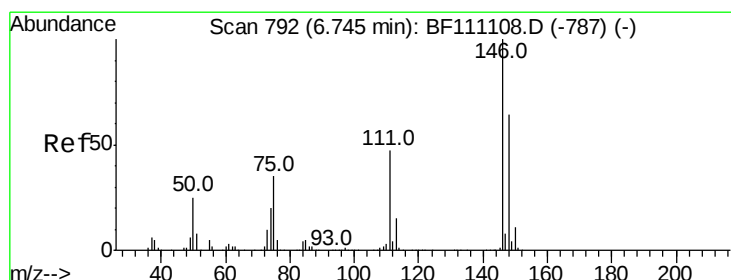
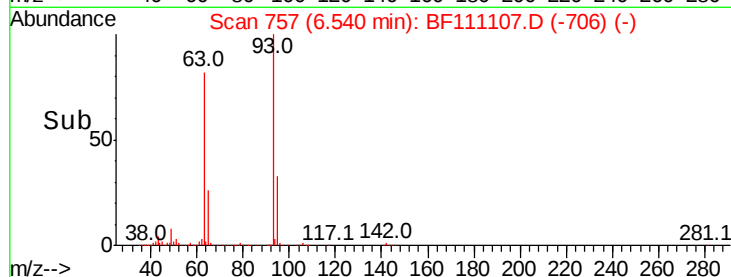
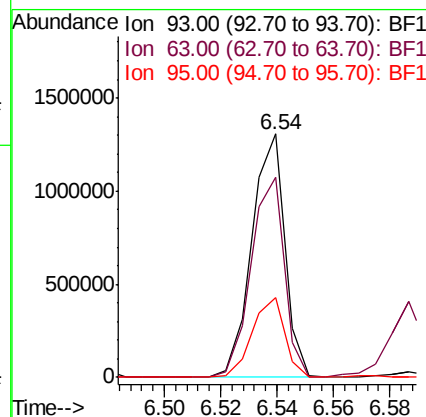
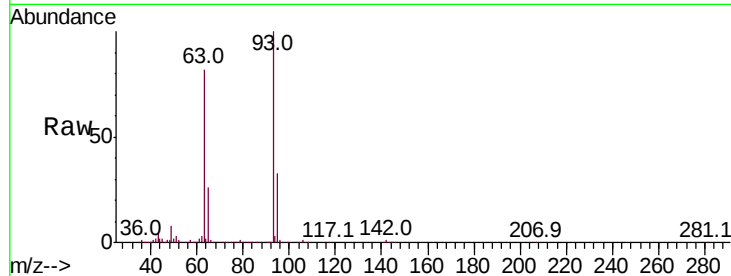
#11
bis(2-Chloroethyl)ether
Concen: 28.018 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	93	Resp	1056518
Ion	Ratio	Lower	Upper
93	100		
63	82.1	53.4	93.4
95	32.7	12.1	52.1

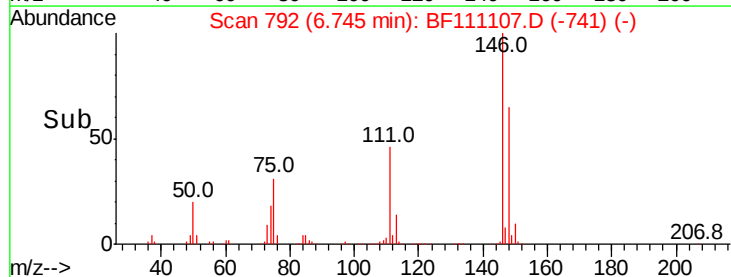
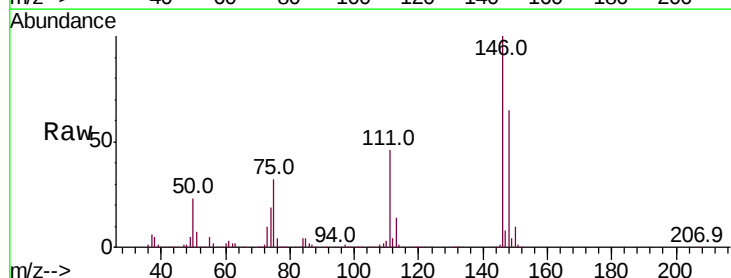
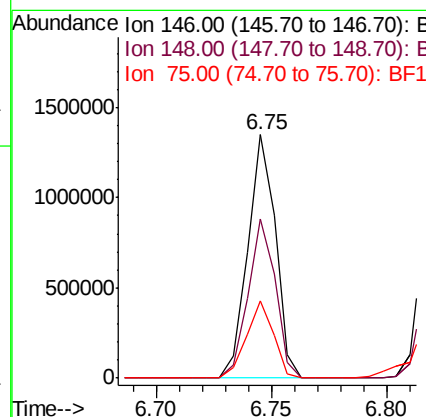
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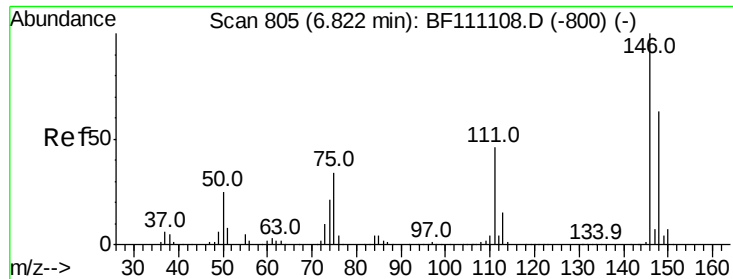
mohammad
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#12
1,3-Dichlorobenzene
Concen: 25.530 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	146	Resp	1133615
Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.4	75.6
75	31.9	25.8	38.6





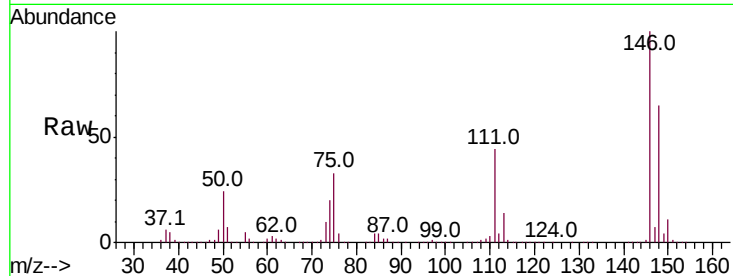
#13
1,4-Dichlorobenzene
Concen: 24.945 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

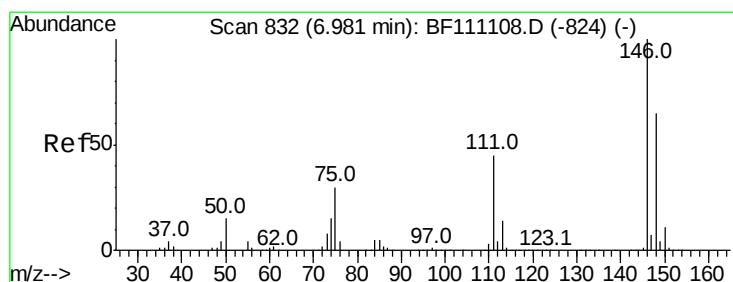
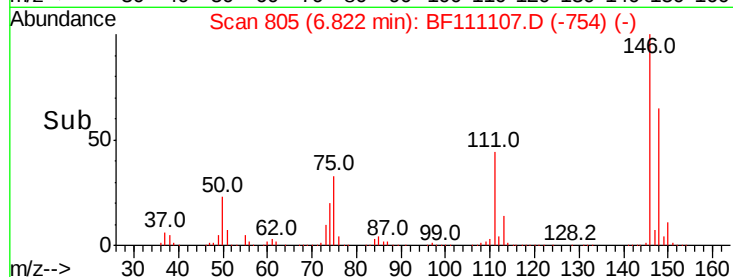
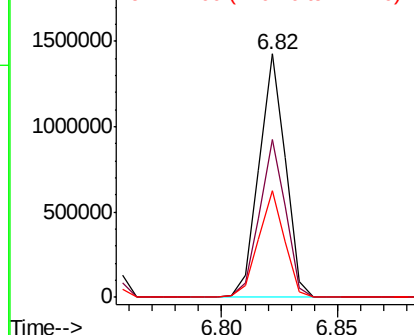
Tot Ion:146 Resp: 1139033
Ion Ratio Lower Upper
146 100
148 64.8 50.3 75.5
111 43.9 32.7 49.1

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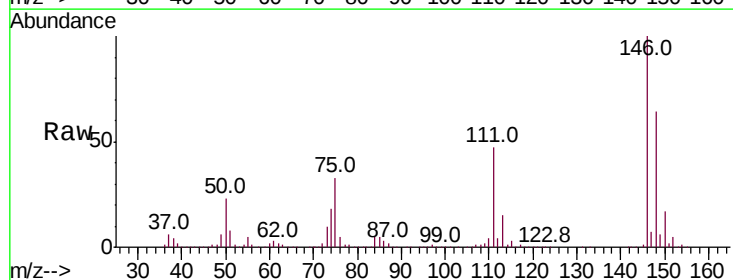


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

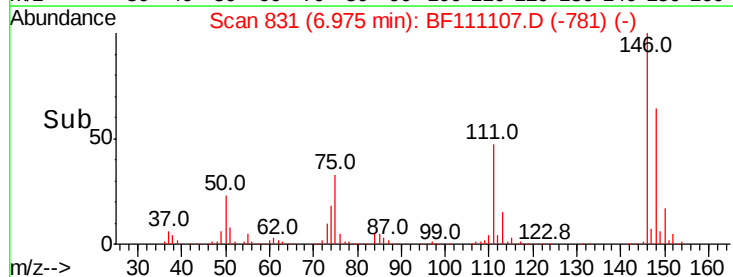
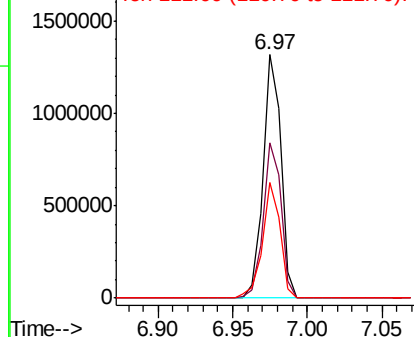


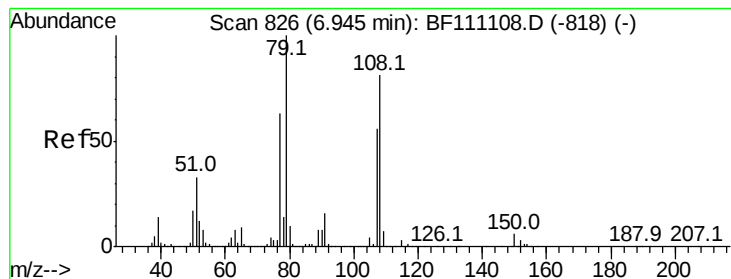
#14
1,2-Dichlorobenzene
Concen: 24.816 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion:146 Resp: 1066484
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 47.3 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.640 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

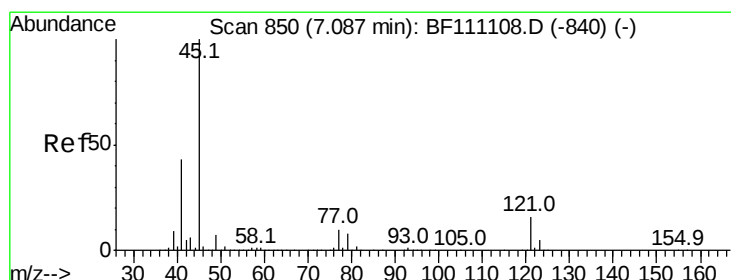
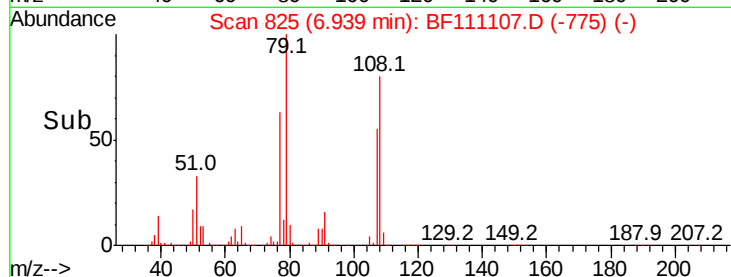
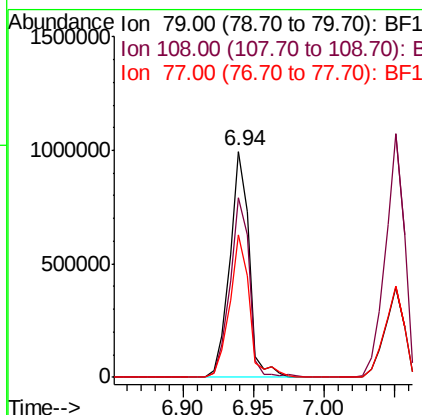
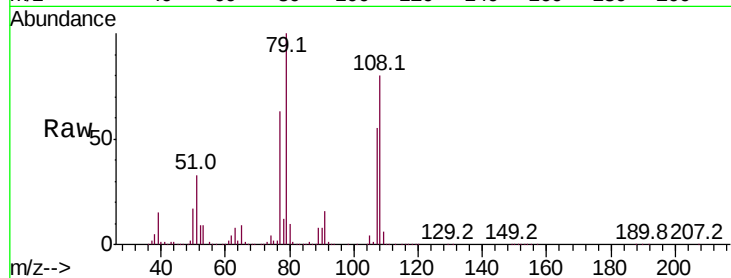
ClientSampleId :

SSTDIC025

Tot Ion:	79	Resp:	944065
Ion Ratio	Lower	Upper	
79	100		
108	79.8	56.3	84.5
77	63.0	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.236 ng

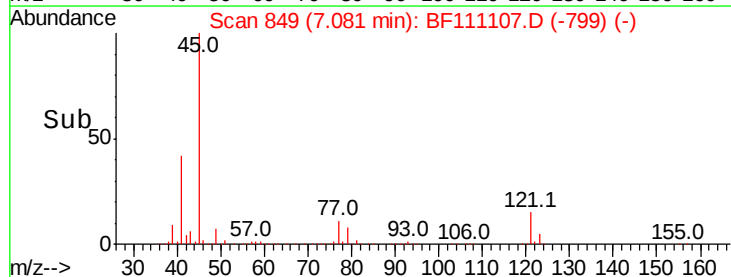
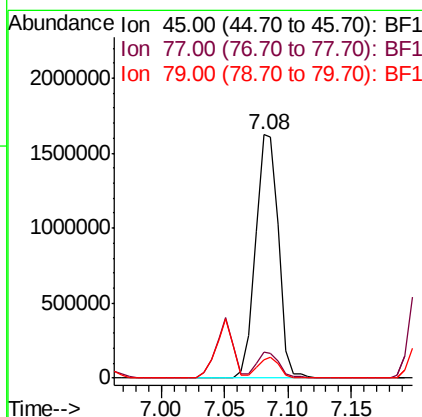
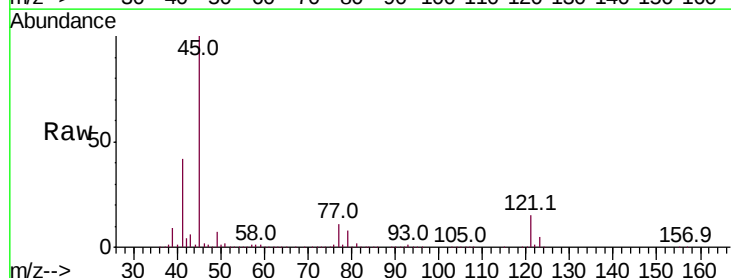
RT: 7.08 min Scan# 849

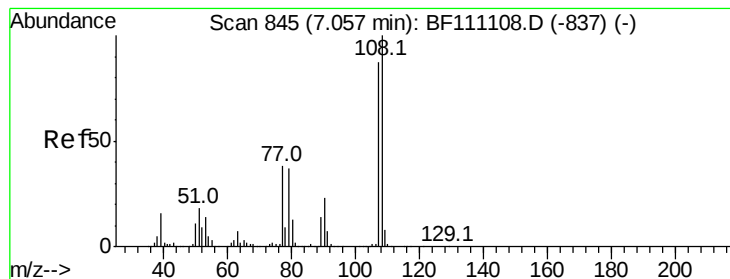
Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Tgt Ion:	45	Resp:	2054539
Ion Ratio	Lower	Upper	
45	100		
77	10.5	10.0	50.0
79	7.7	6.1	46.1





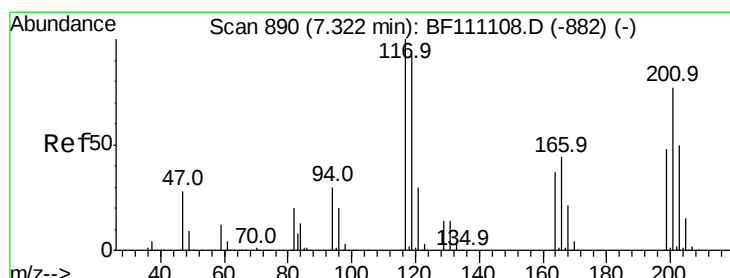
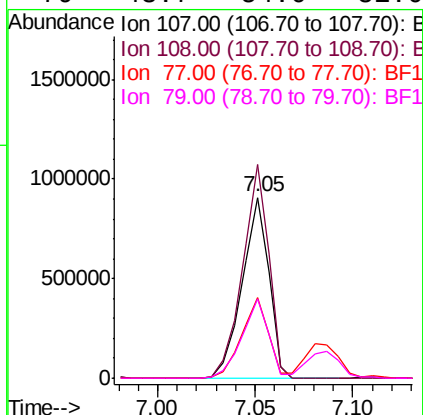
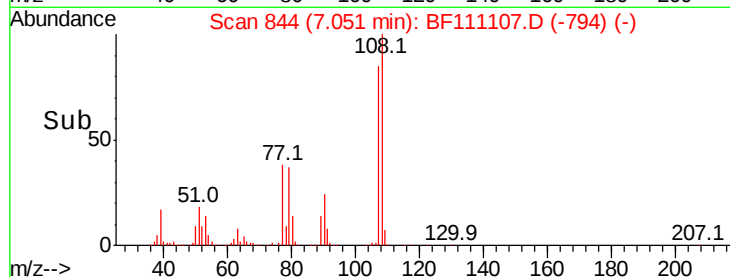
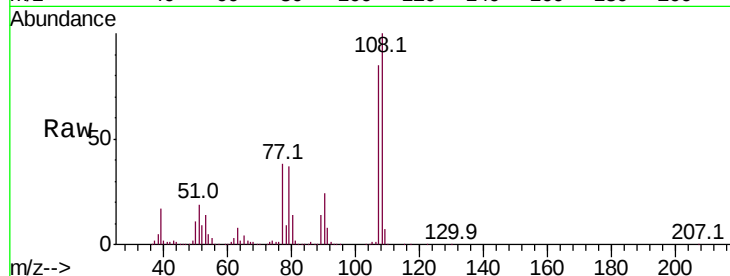
#17
2-Methylphenol
Concen: 26.818 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.1	92.6	138.8	
77	44.3	59.4	89.2#	
79	43.7	54.0	81.0#	

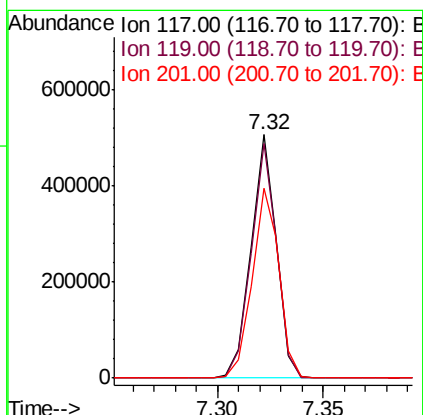
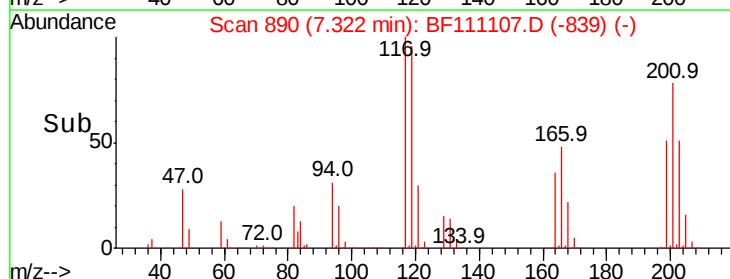
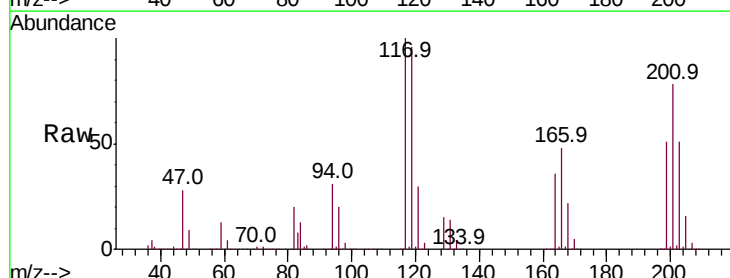
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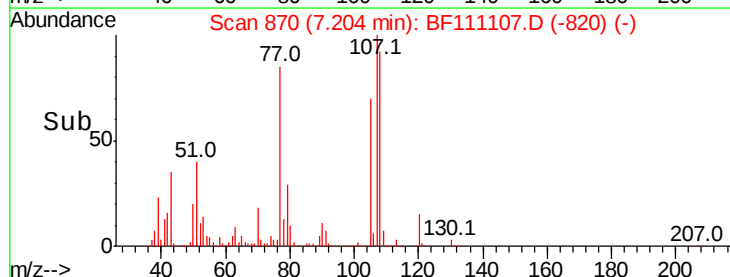
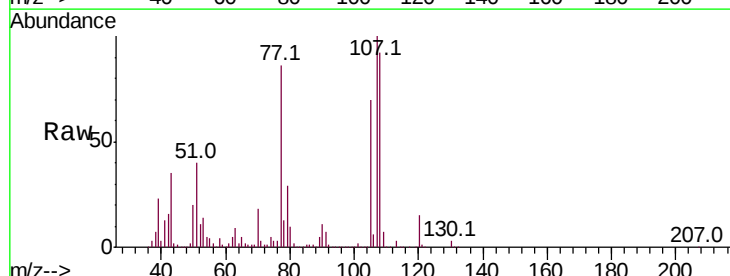
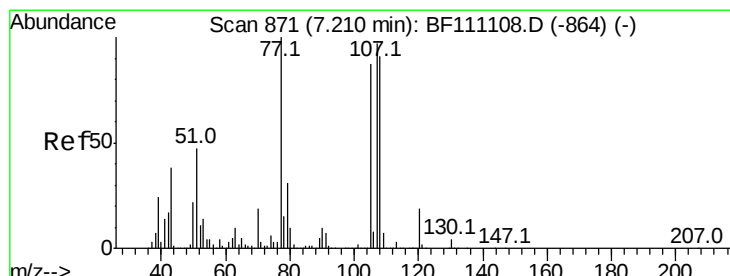
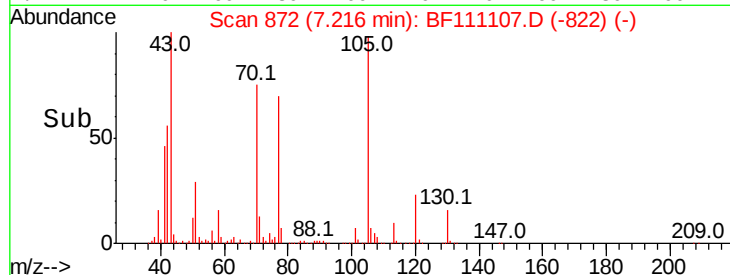
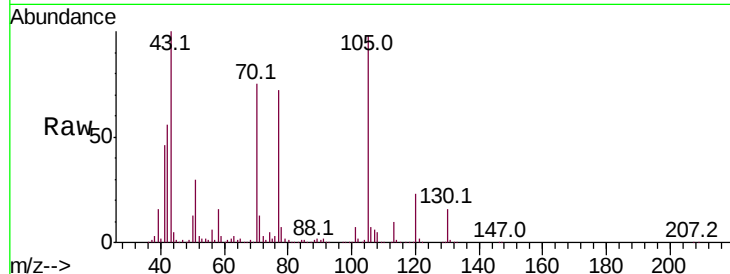
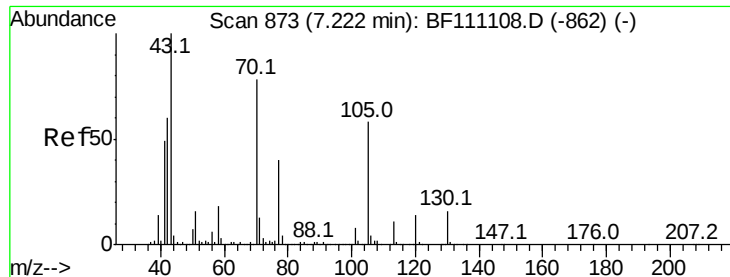
mohammad
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#18
Hexachloroethane
Concen: 25.091 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.0	112.6	
201	77.9	79.2	118.8#	





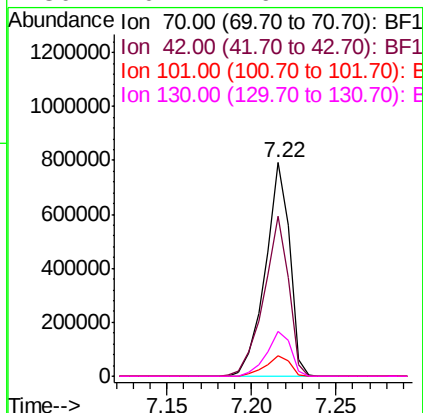
#19
n-Nitroso-di-n-propylamine
Concen: 27.027 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.7	47.4	71.2#
101	9.7	7.3	10.9
130	20.7	16.2	24.2

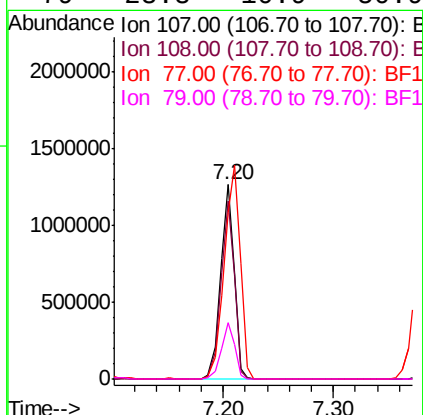
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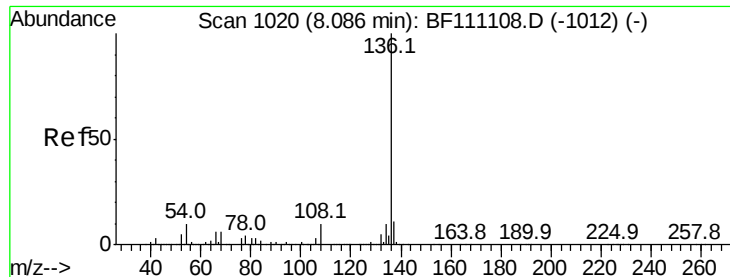
mohammad
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#20
3+4-Methylphenols
Concen: 25.316 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.4	111.4
77	85.5	47.3	87.3
79	28.8	10.9	50.9





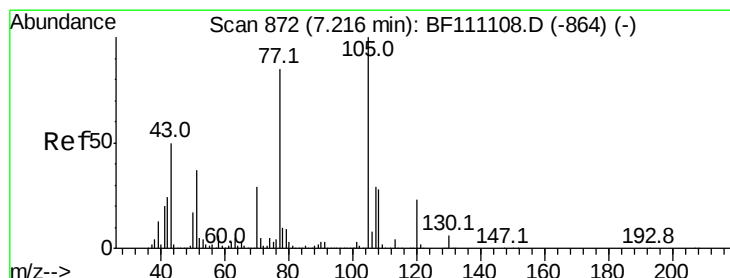
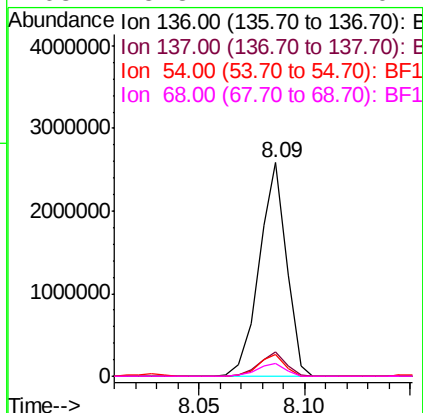
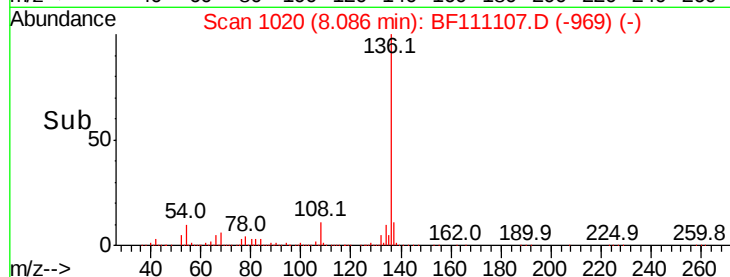
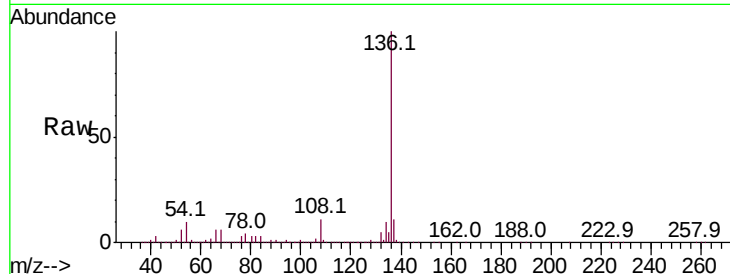
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.3	5.4	8.2#
68	5.8	4.2	6.2

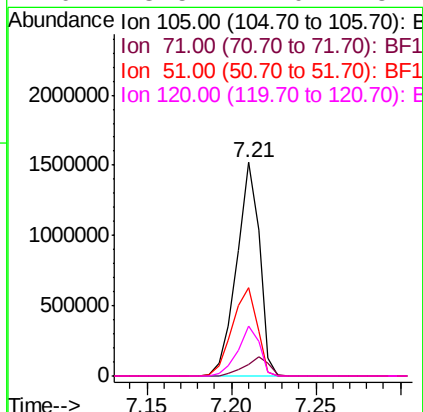
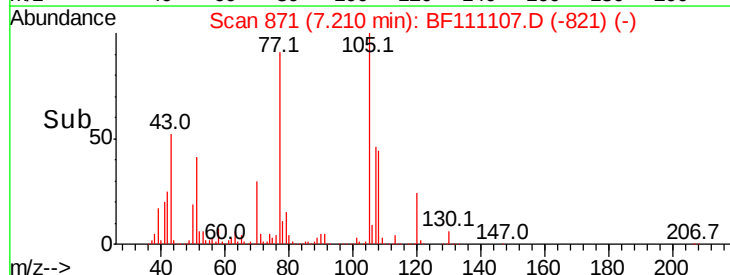
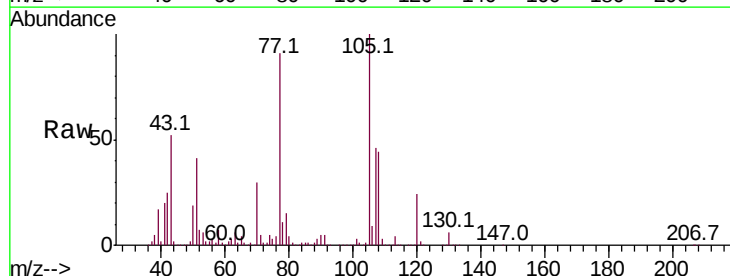
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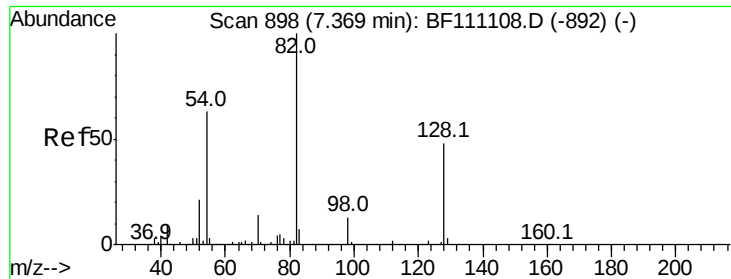
mohammad
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#22
Acetophenone
Concen: 26.328 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.2	7.8
51	41.1	21.8	32.8#
120	23.5	17.0	25.4





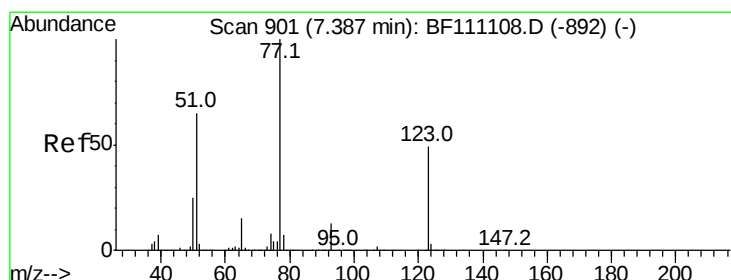
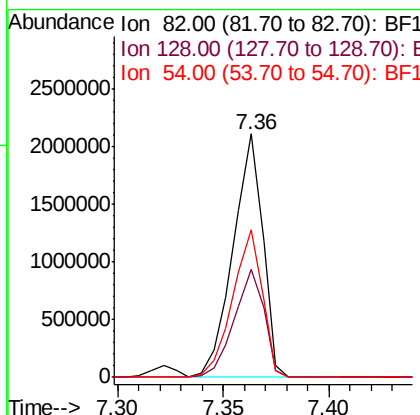
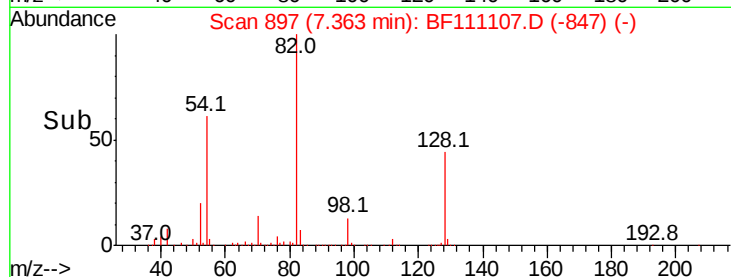
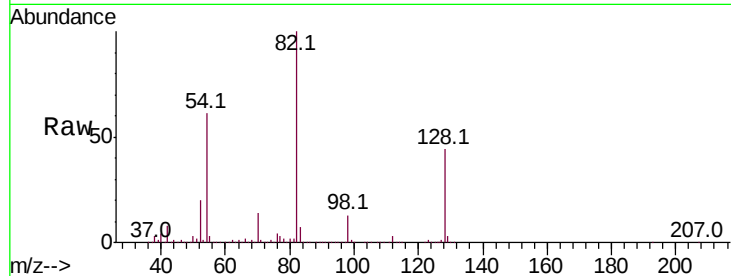
#23
Nitrobenzene-d5
Concen: 50.635 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion: 82 Resp: 2045356
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.2
54 60.8 38.6 58.0#

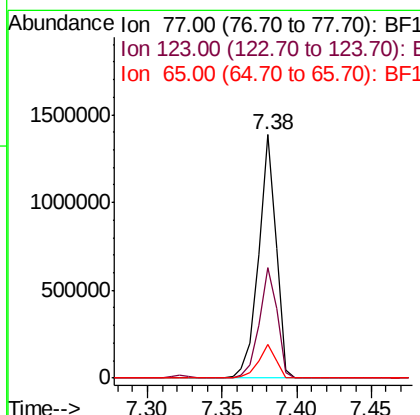
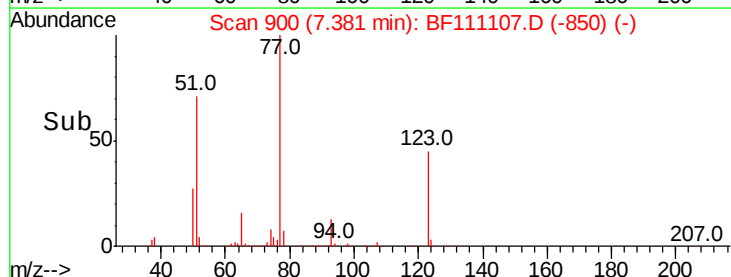
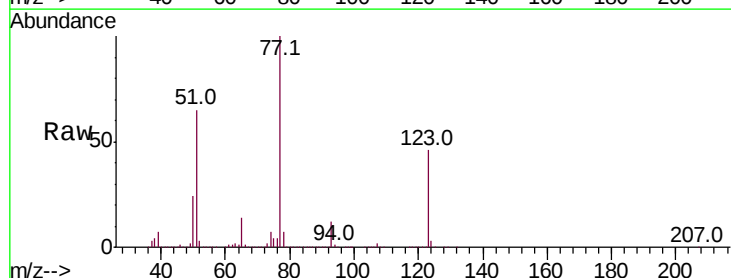
Manual Integrations
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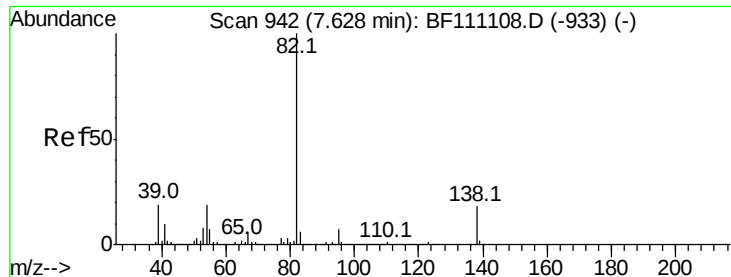
mohammad
12/6/2018 12:11:33 PM



#24
Nitrobenzene
Concen: 26.354 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion: 77 Resp: 1107045
Ion Ratio Lower Upper
77 100
123 45.6 35.7 53.5
65 13.8 10.7 16.1





#25

Isophorone

Concen: 27.258 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion: 82 Resp: 1806145

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

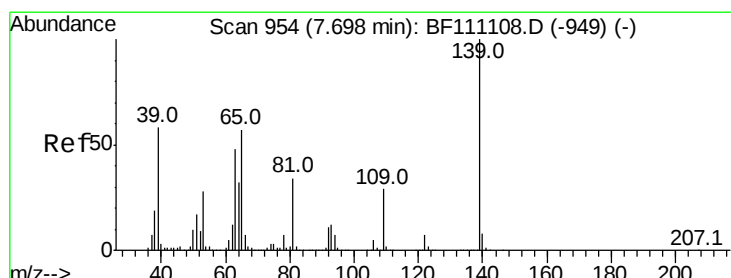
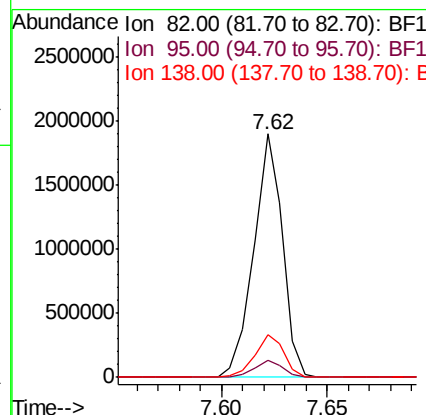
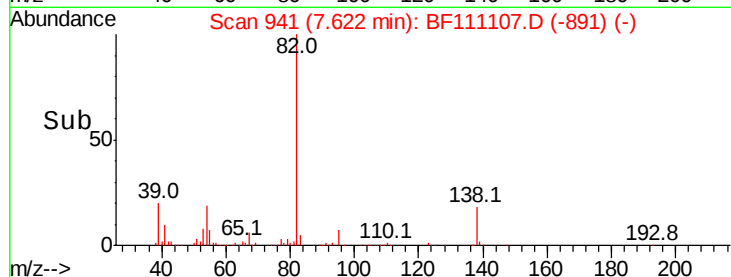
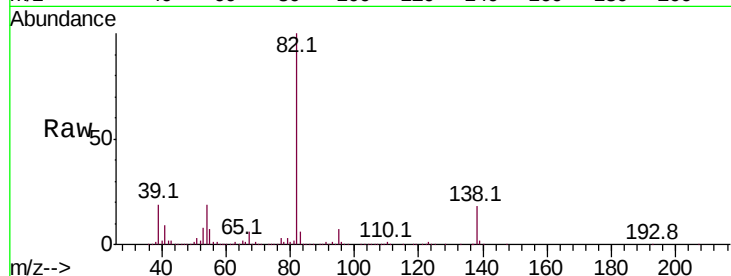
138 17.8 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 22.669 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

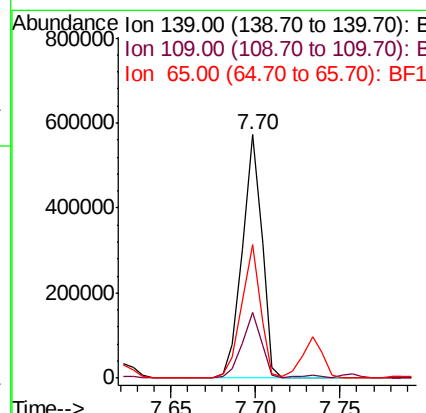
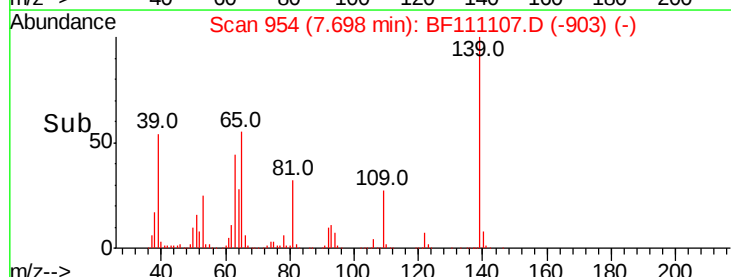
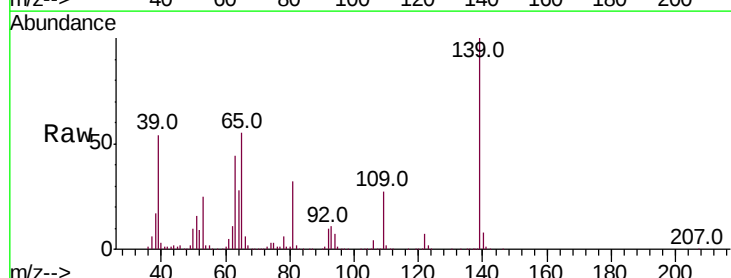
Tgt Ion: 139 Resp: 462634

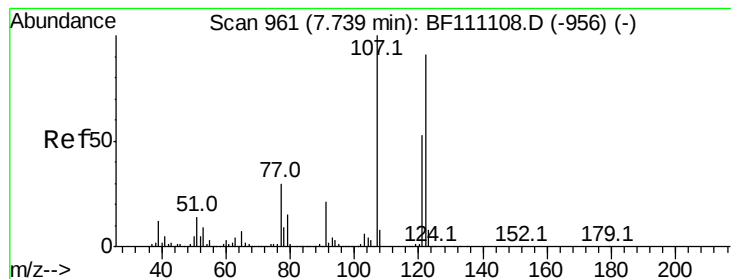
Ion Ratio Lower Upper

139 100

109 26.9 25.0 37.6

65 54.9 44.0 66.0





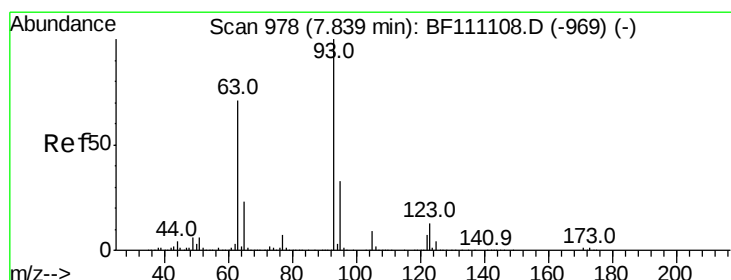
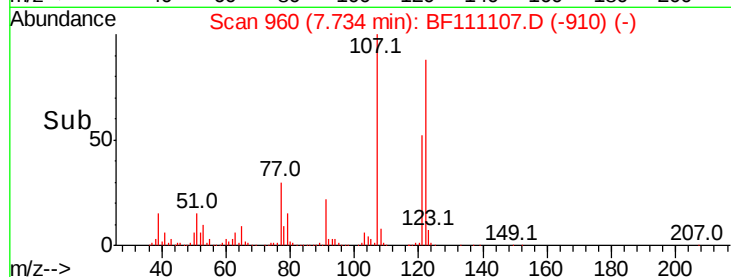
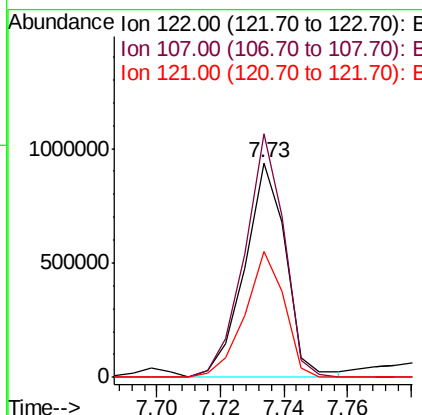
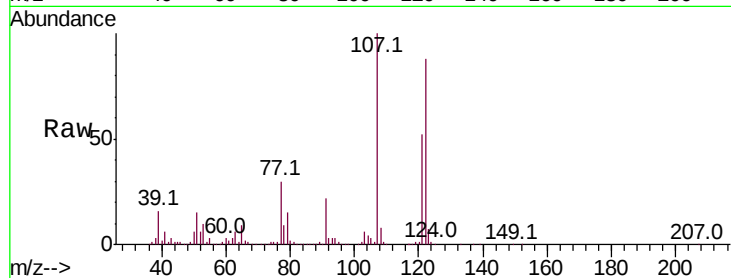
#27
2,4-Dimethylphenol
Concen: 27.474 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	92.5	138.7
121	58.6	45.8	68.8

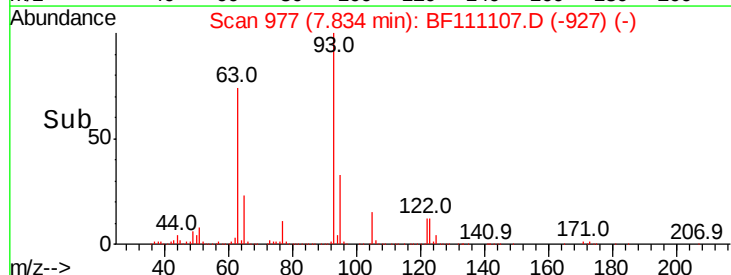
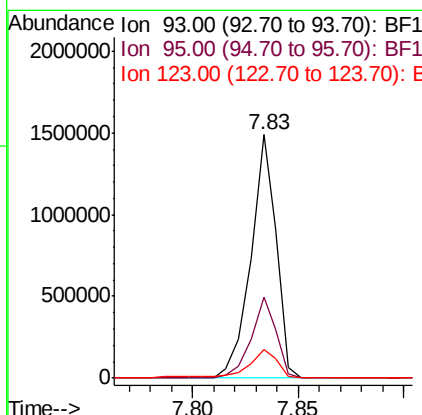
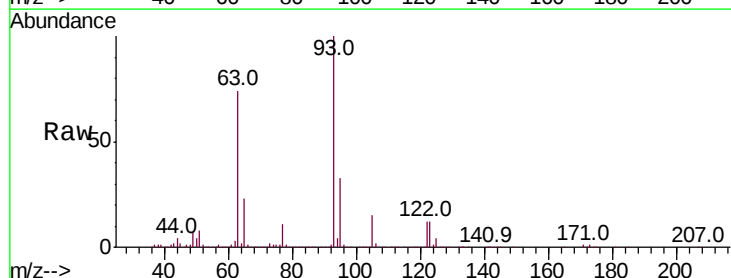
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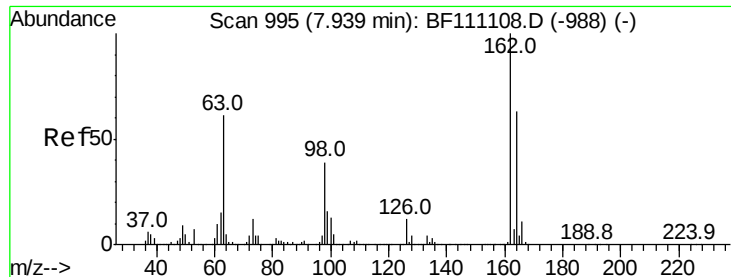
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 27.907 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.6	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 26.179 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

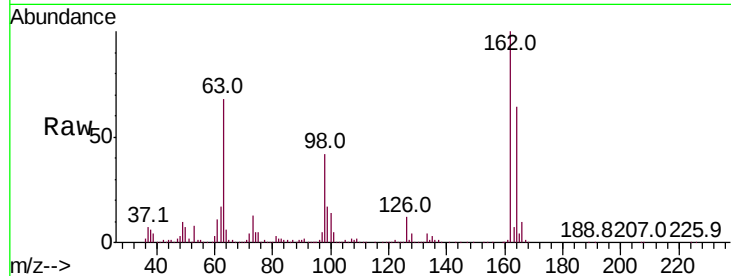
ClientSampleId :

SSTDIC025

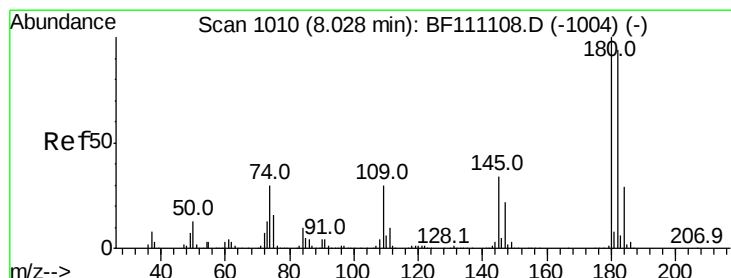
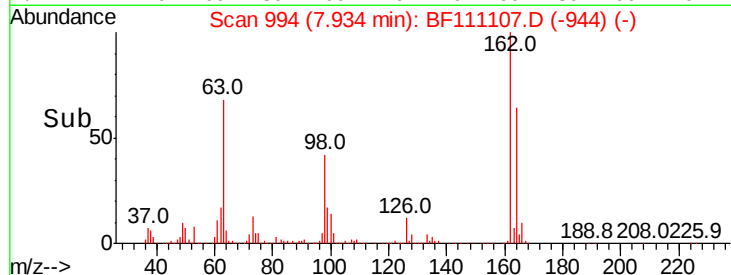
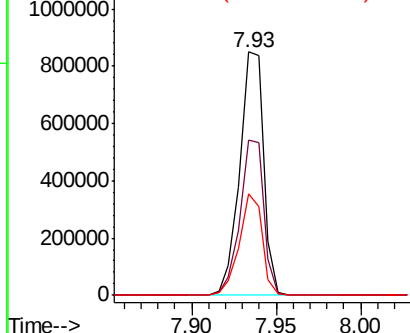
Tot Ion:	162	Resp:	844305
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	41.9	17.4	57.4

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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: 23.497 ng

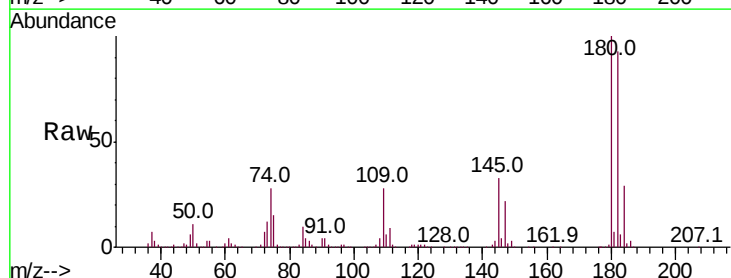
RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

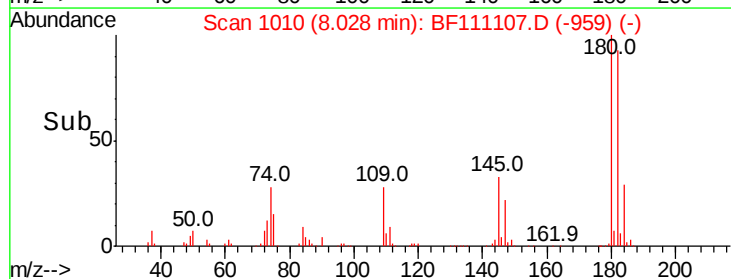
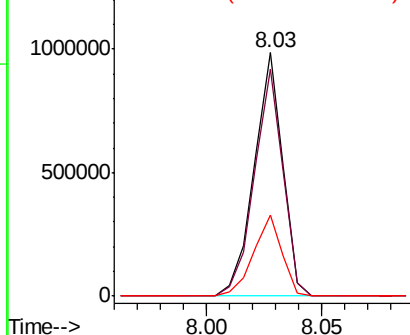
Lab File: BF111107.D

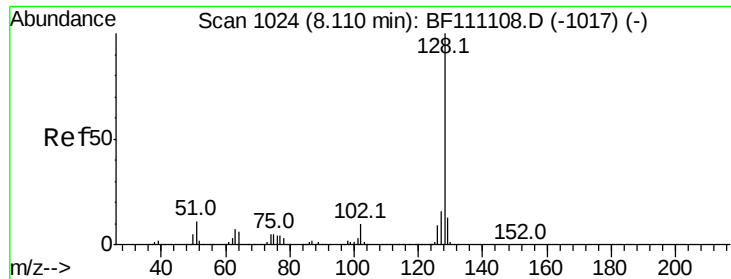
Acq: 5 Dec 2018 14:22

Tgt Ion:	180	Resp:	849251
Ion Ratio	Lower	Upper	
180	100		
182	93.1	80.3	120.5
145	33.3	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





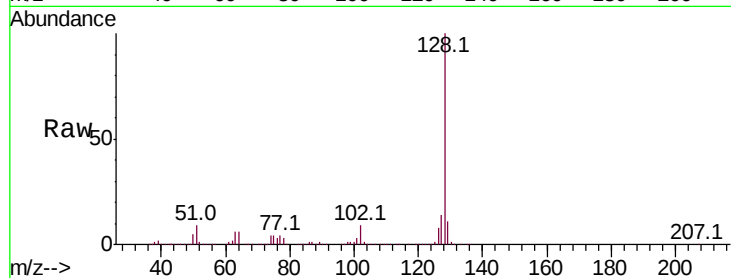
#31
Naphthalene
Concen: 25.853 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

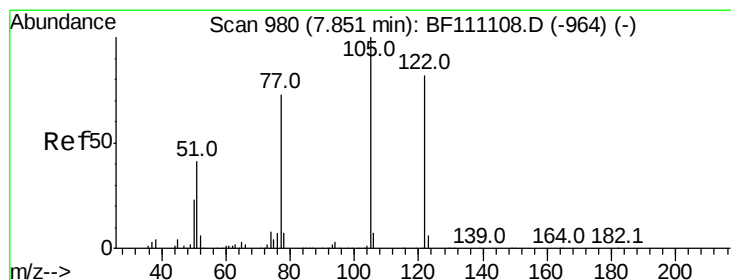
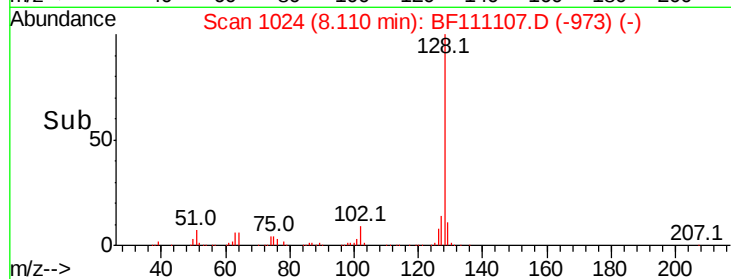
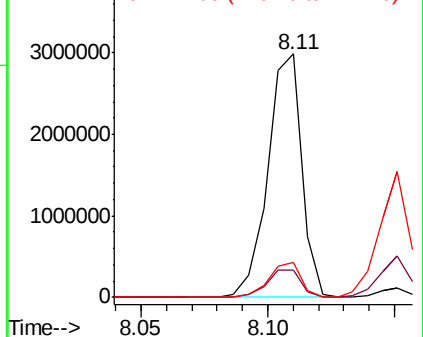
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.1	10.8	16.2

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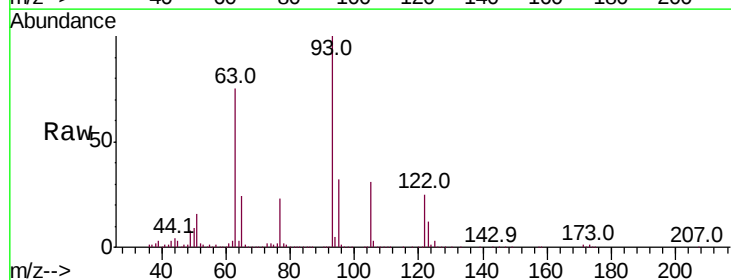


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

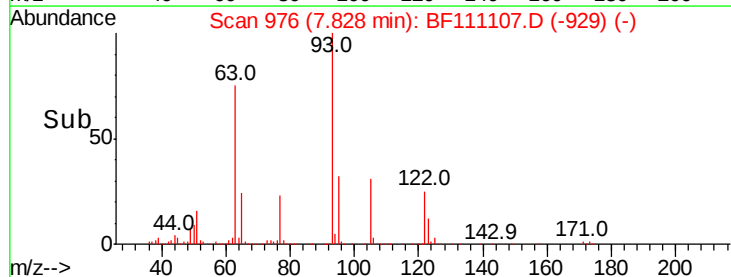
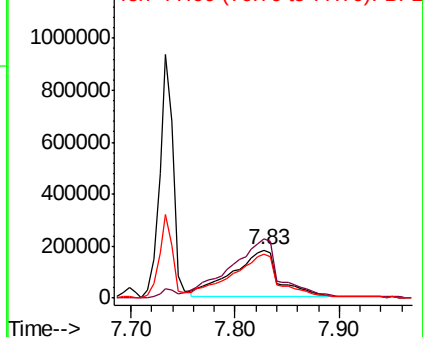


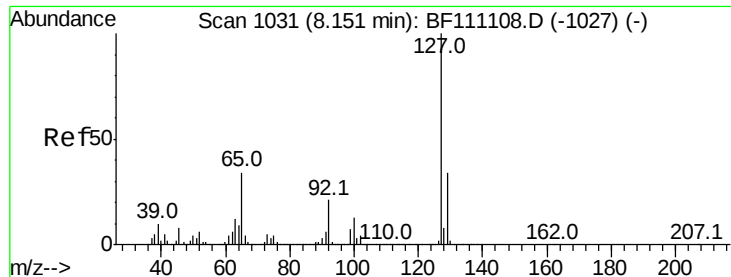
#32
Benzoic acid
Concen: 24.745 ng m
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	109.0	149.0
77	92.2	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





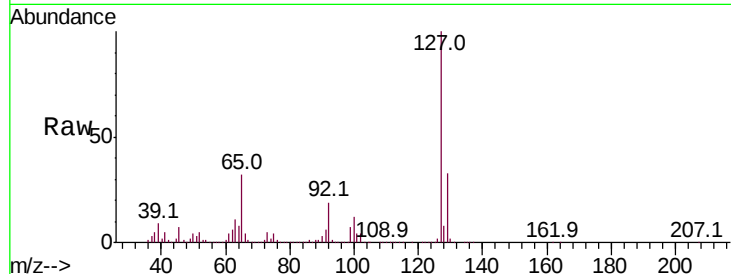
#33
4-Chloroaniline
Concen: 27.228 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	31.7	25.1	37.7
92	19.1	15.0	22.6

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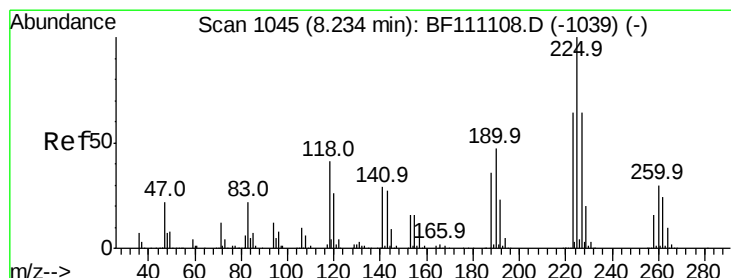
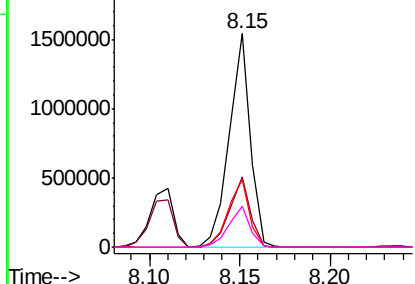
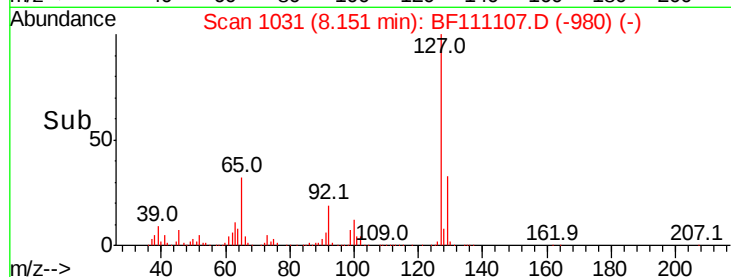
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

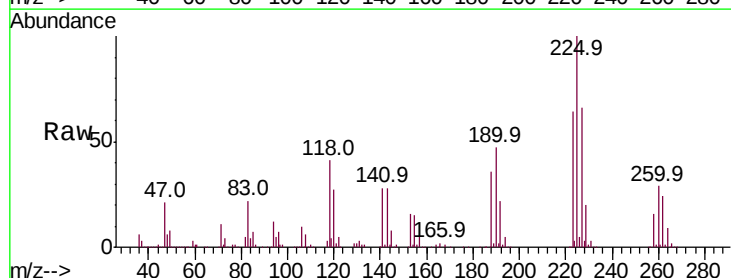
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 22.778 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.2
227	65.6	51.0	76.6

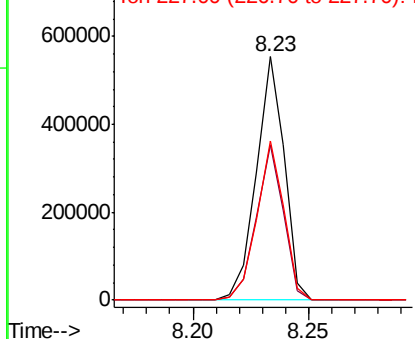
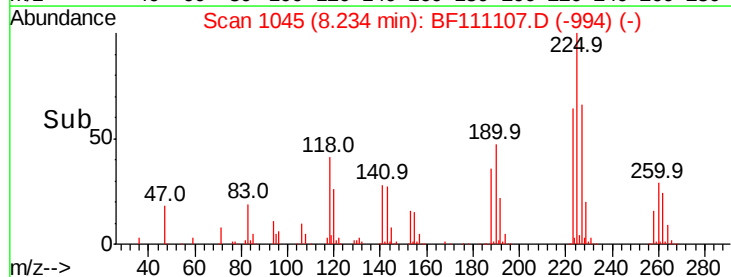


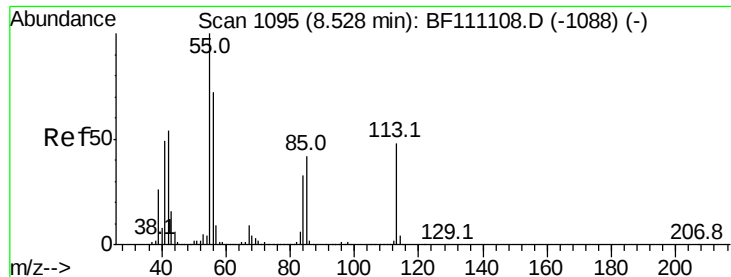
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.843 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

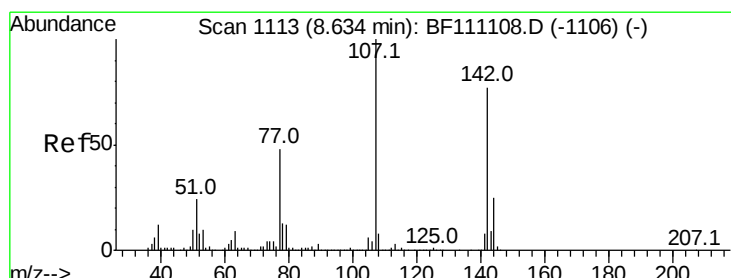
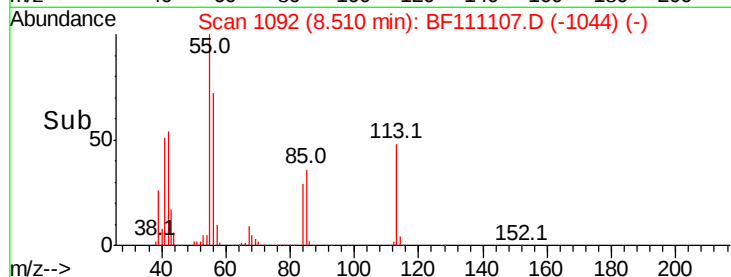
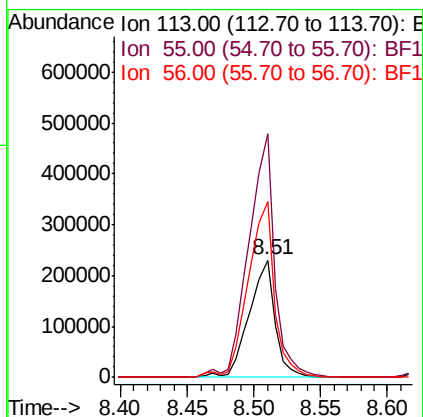
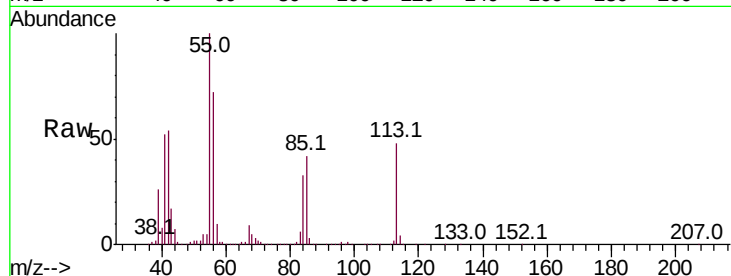
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.7	142.8	182.8#
56	149.6	105.0	145.0#

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#36

4-Chloro-3-methylphenol

Concen: 25.585 ng

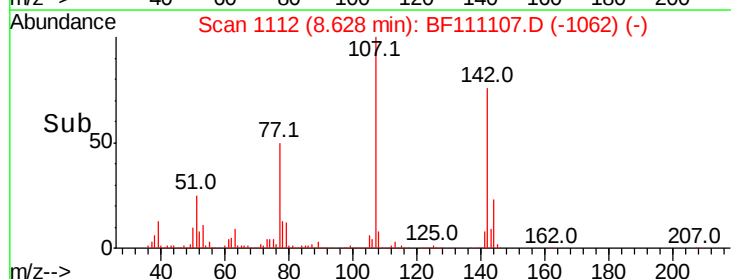
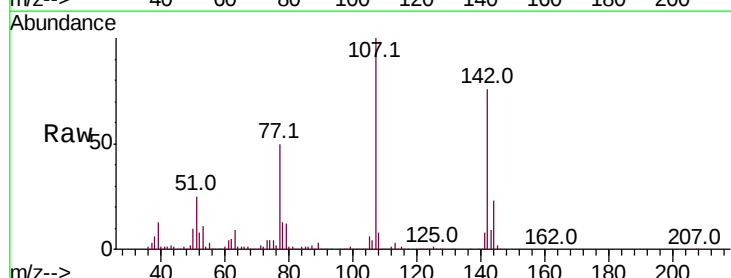
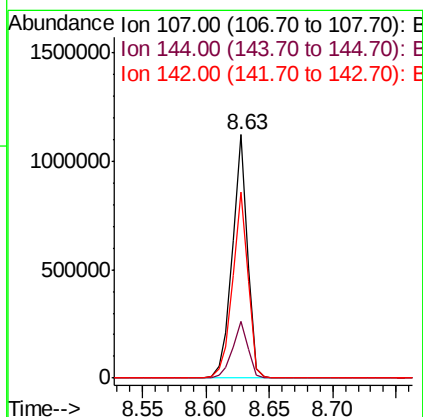
RT: 8.63 min Scan# 1112

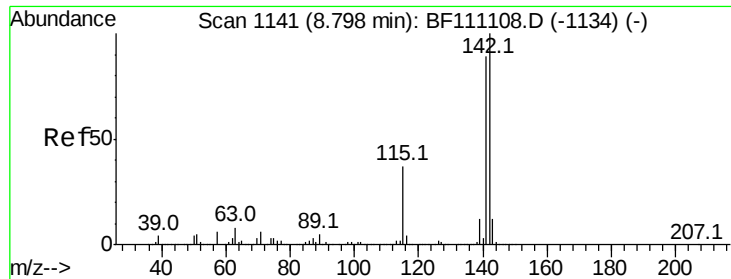
Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	20.0	30.0
142	76.2	59.7	89.5





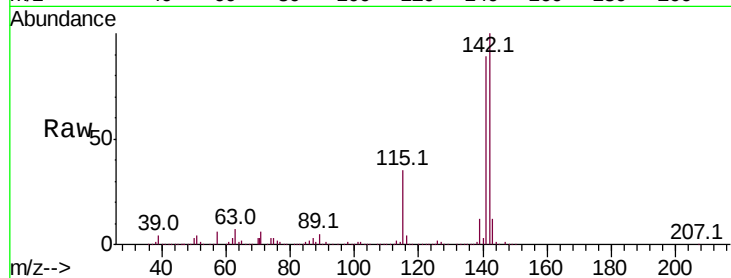
#37
2-Methylnaphthalene
Concen: 25.198 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	34.9	28.7	43.1

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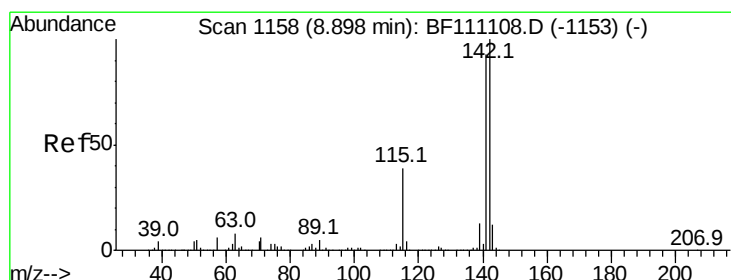
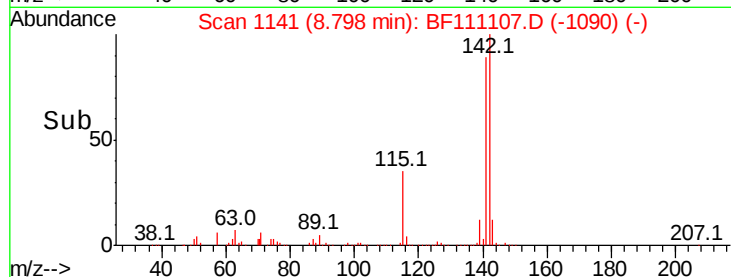
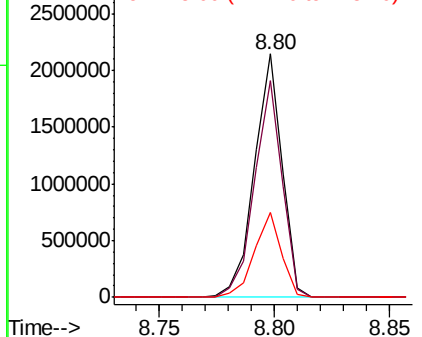


Abundance

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: 24.807 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

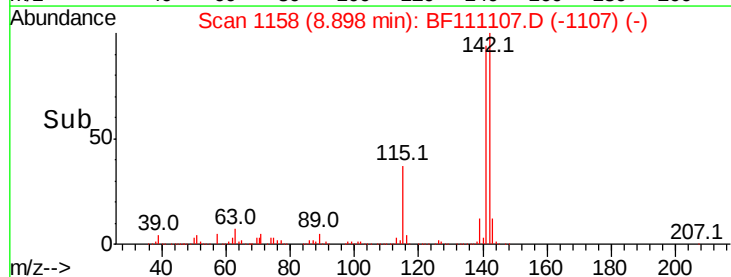
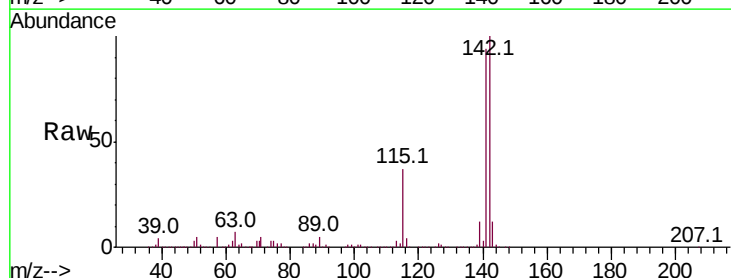
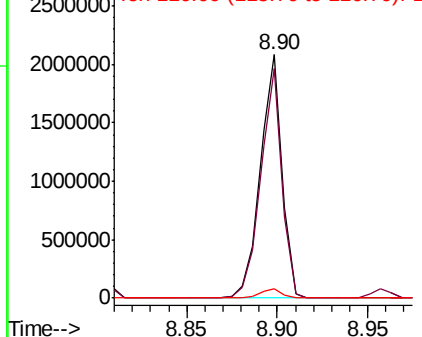
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	3.8	2.6	4.0

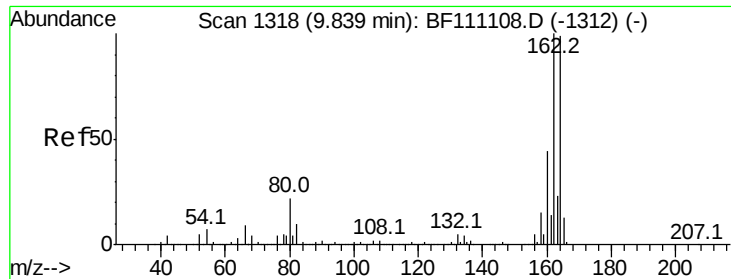
Abundance

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





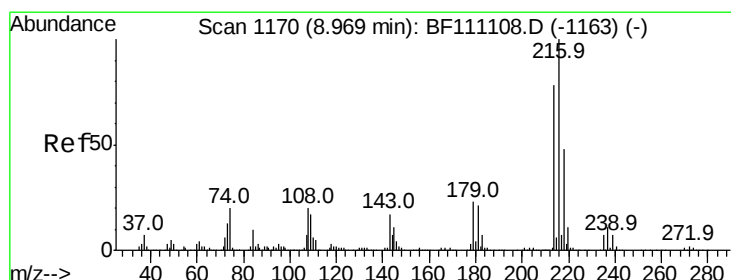
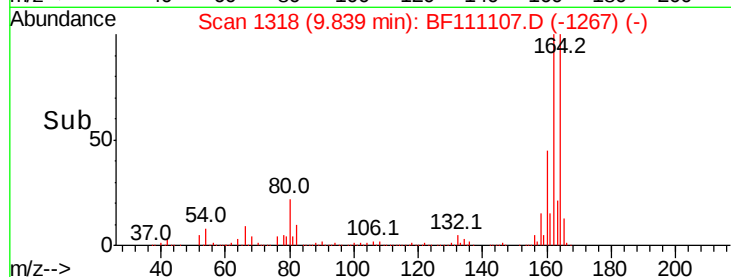
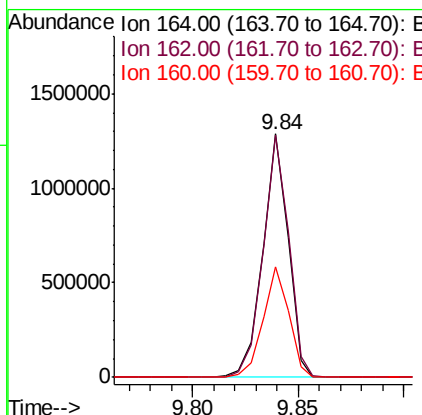
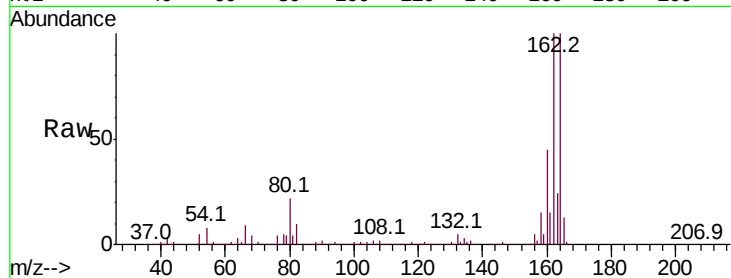
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	83.0	124.6
160	45.3	37.0	55.6

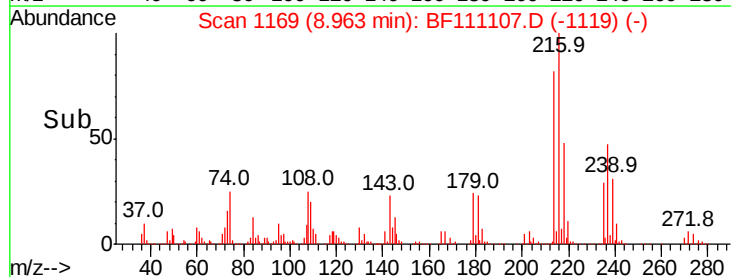
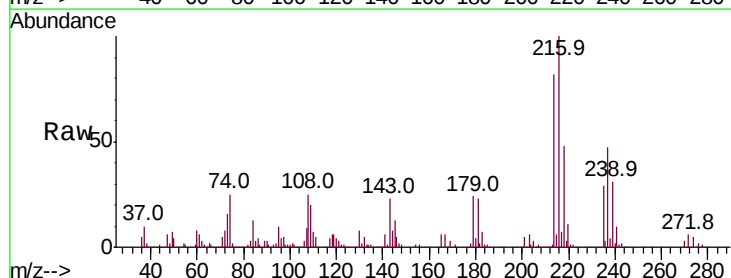
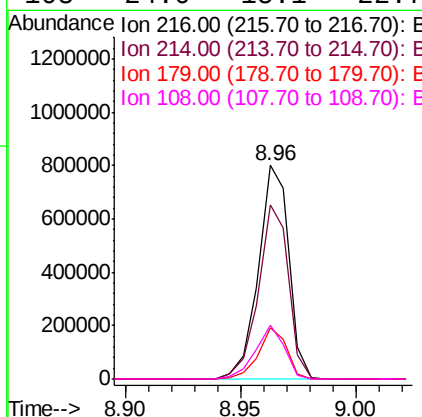
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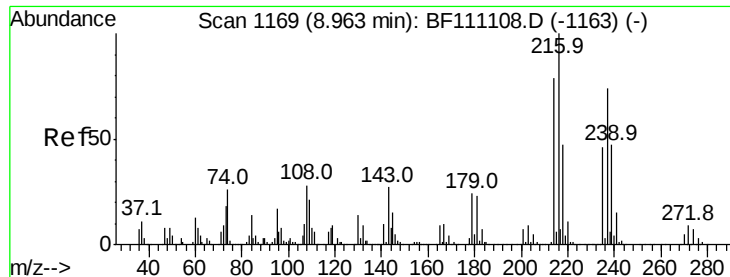
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.750 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.8	95.6
179	22.6	16.6	25.0
108	24.0	15.1	22.7#





#41

Hexachlorocyclopentadiene

Concen: 115.671 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

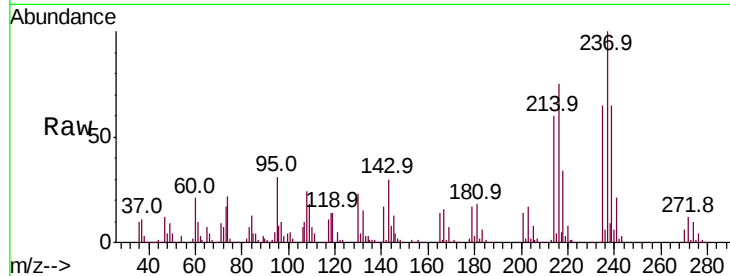
ClientSampleId :

SSTDIC025

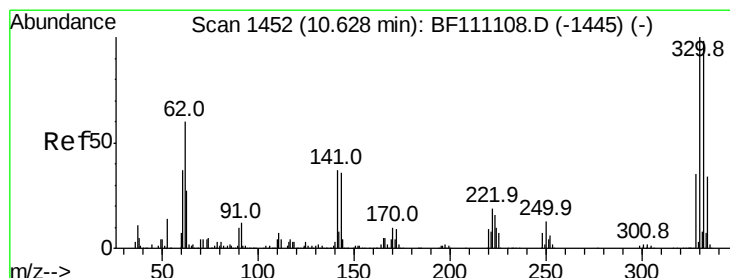
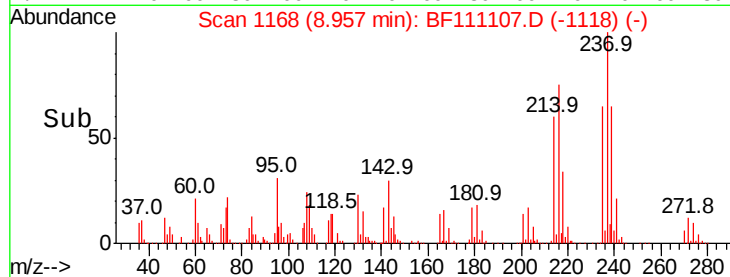
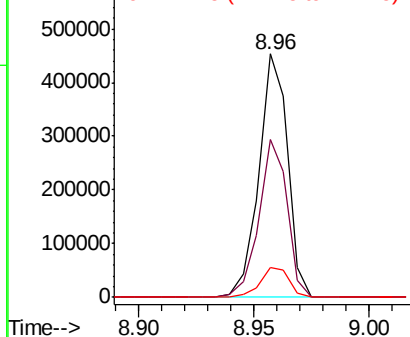
Tot Ion:	237	Resp:	394011
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.1	83.1
272	12.2	0.0	32.6

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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: 42.864 ng

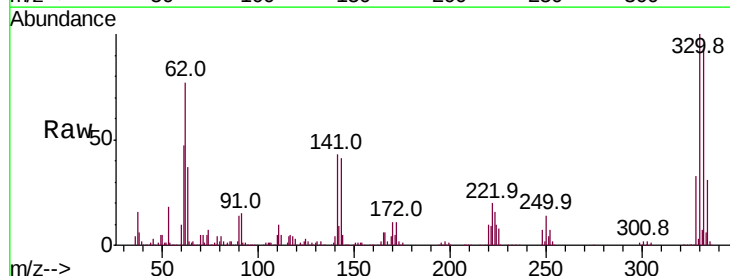
RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

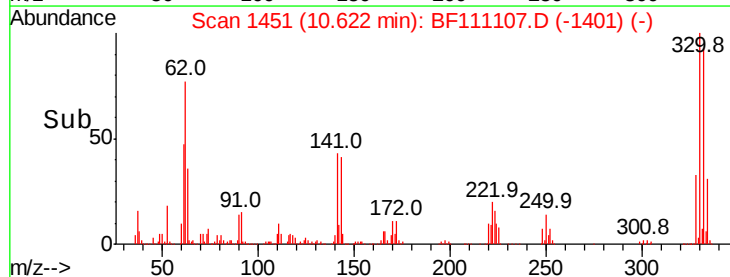
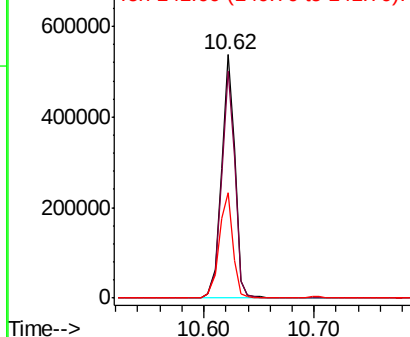
Lab File: BF111107.D

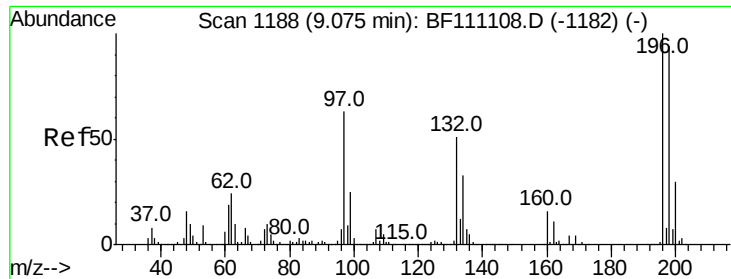
Acq: 5 Dec 2018 14:22

Tgt Ion:	330	Resp:	458103
Ion Ratio	Lower	Upper	
330	100		
332	93.3	77.1	115.7
141	43.9	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





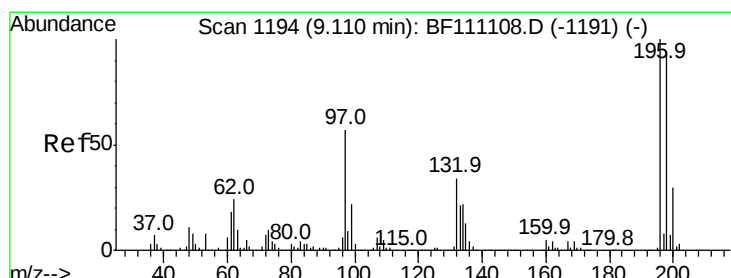
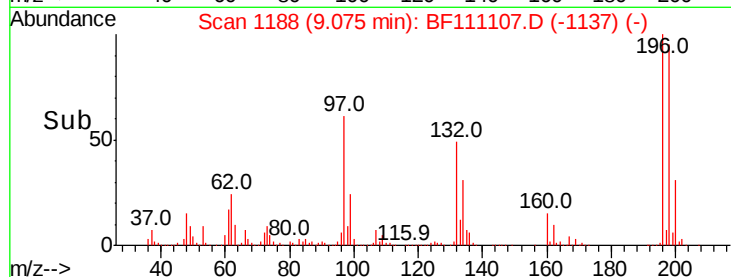
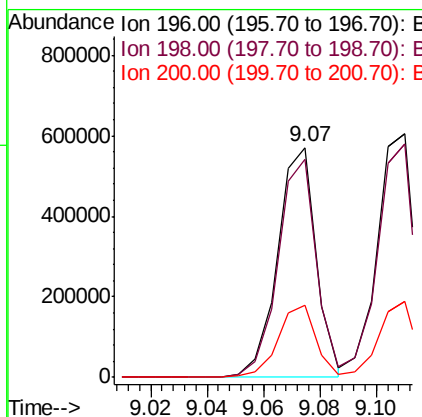
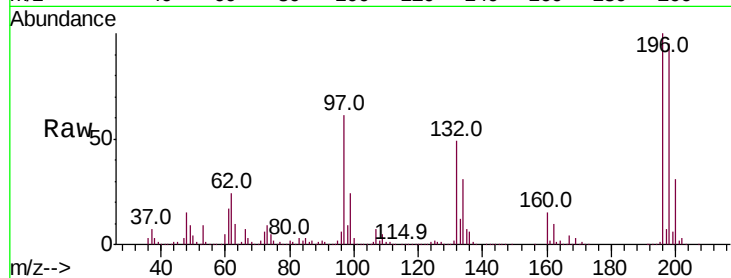
#43
 2,4,6-Trichlorophenol
 Concen: 26.695 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	196	Resp:	539721
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.4
200	31.2	24.4	36.6

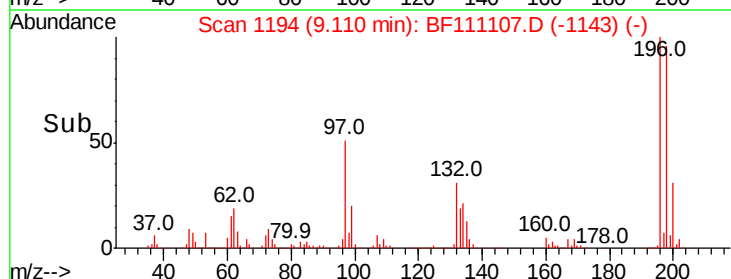
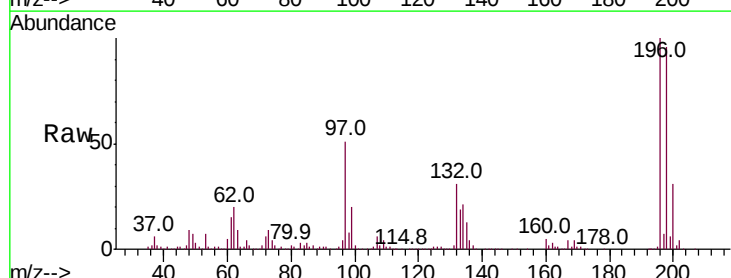
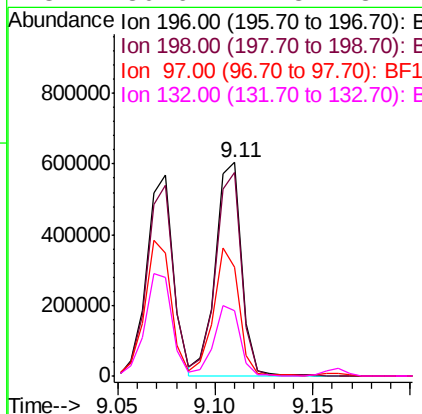
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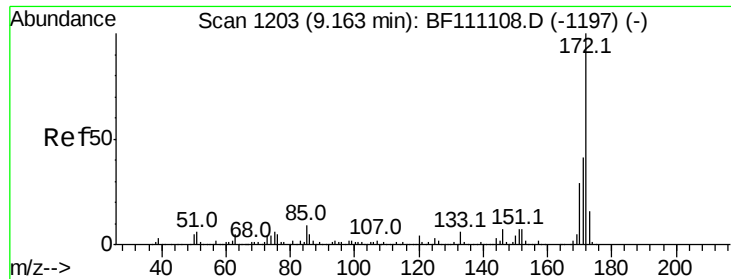
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#44
 2,4,5-Trichlorophenol
 Concen: 26.342 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Tgt Ion:	196	Resp:	560790
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.8	113.6
97	50.8	42.4	63.6
132	30.6	22.8	34.2





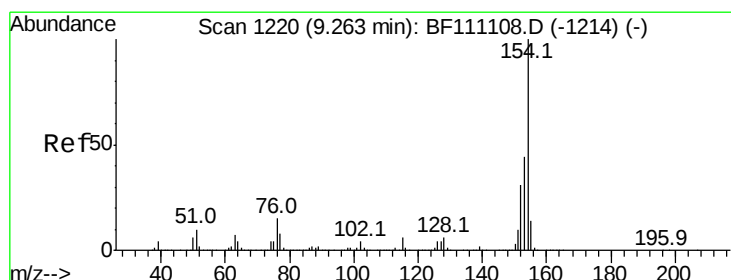
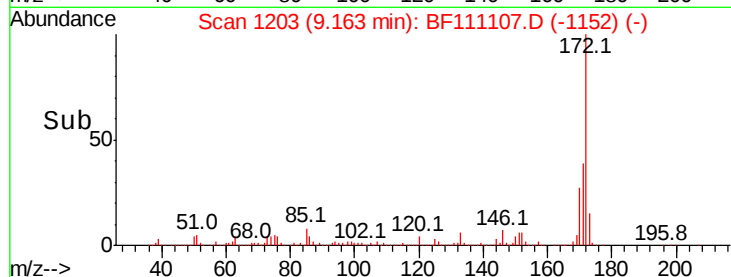
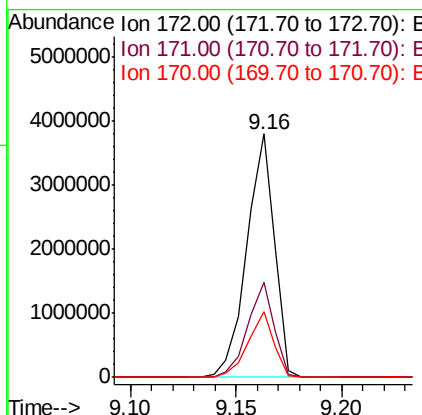
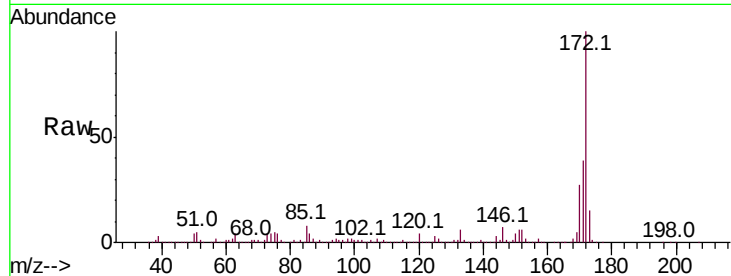
#45
2-Fluorobiphenyl
Concen: 46.564 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:172 Resp: 3458635
Ion Ratio Lower Upper
172 100
171 39.2 28.6 43.0
170 27.2 19.7 29.5

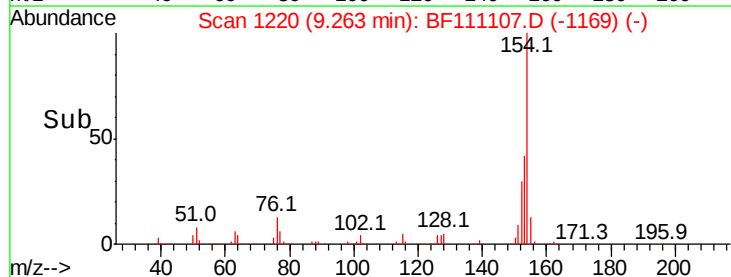
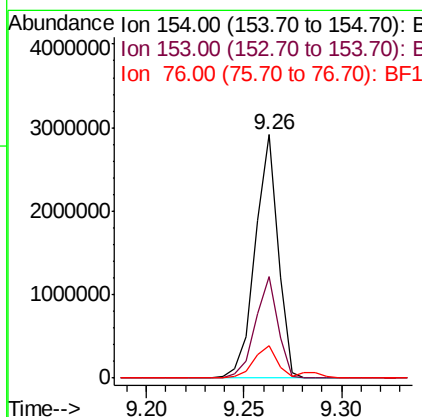
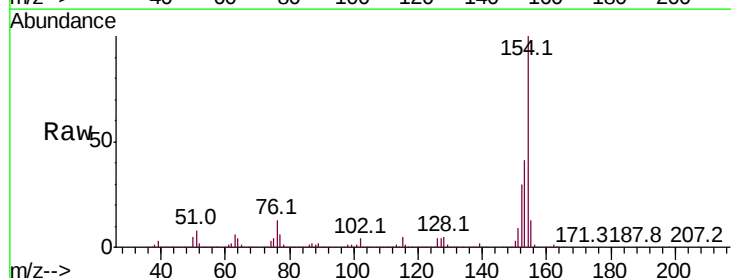
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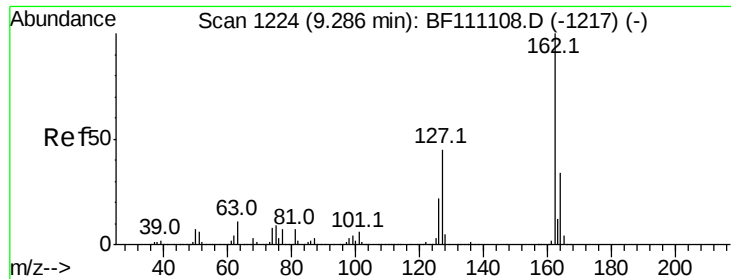
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#46
1,1'-Biphenyl
Concen: 23.832 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion:154 Resp: 2364372
Ion Ratio Lower Upper
154 100
153 41.5 20.4 60.4
76 13.3 0.0 31.9





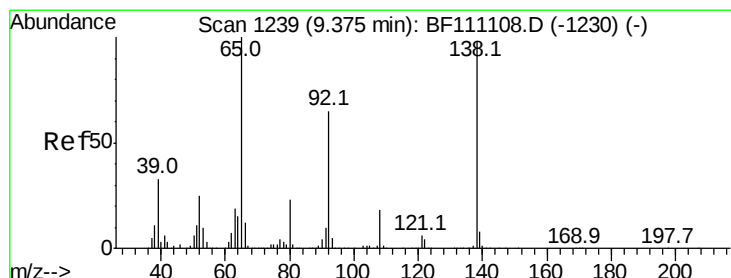
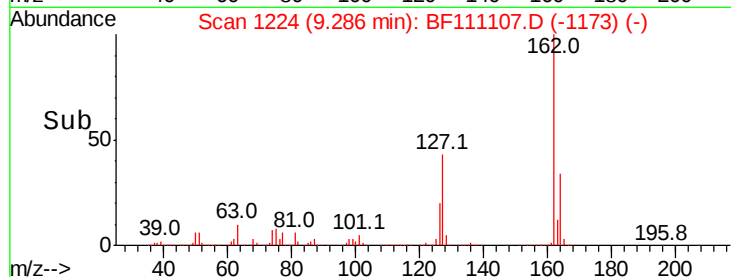
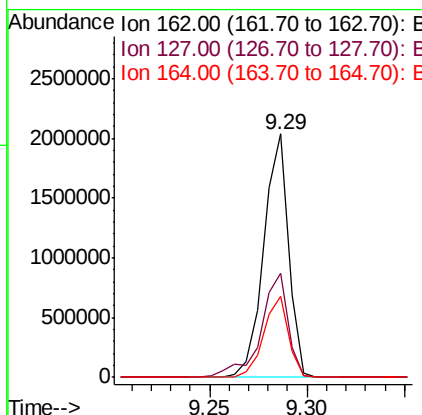
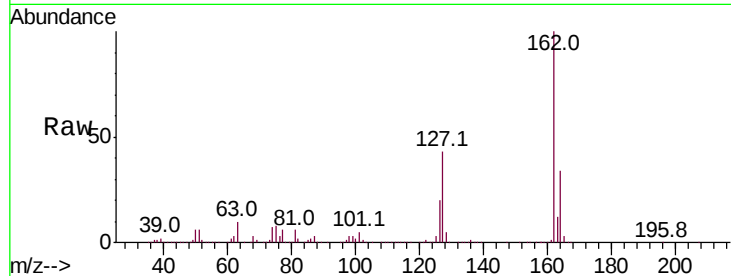
#47
 2-Chloronaphthalene
 Concen: 24.859 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.6	48.8
164	33.5	25.9	38.9

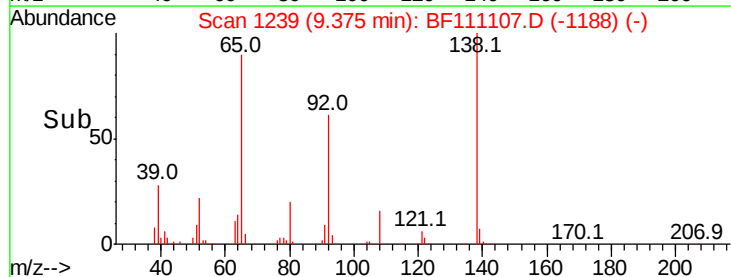
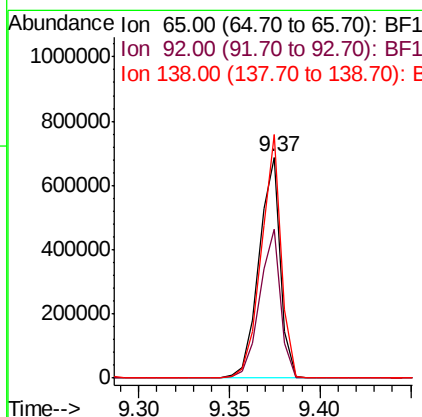
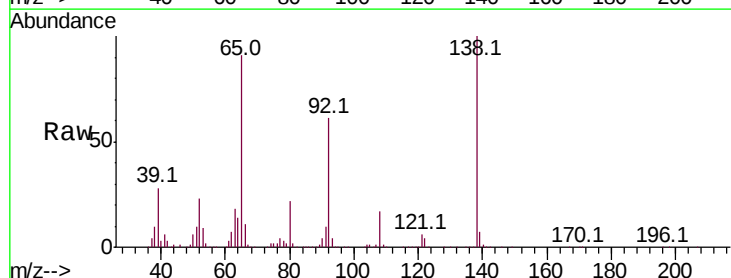
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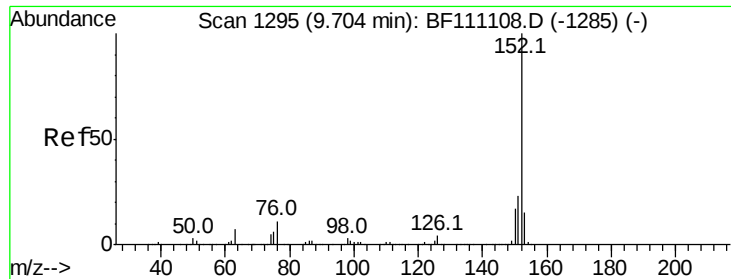
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#48
 2-Nitroaniline
 Concen: 24.909 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.6	81.8
138	110.1	80.3	120.5





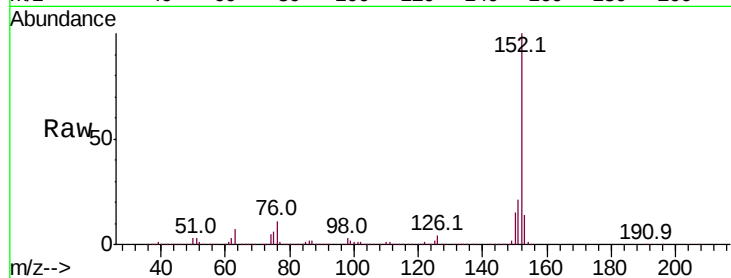
#49
Acenaphthylene
Concen: 25.819 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.8
153	14.2	10.4	15.6

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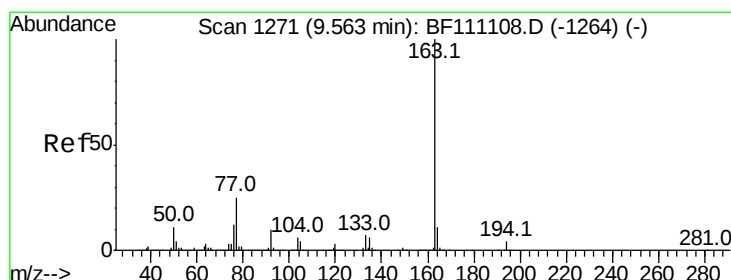
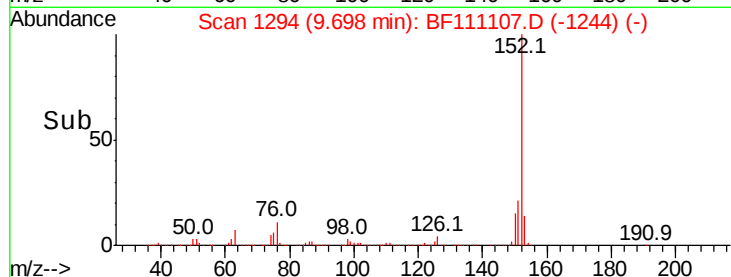
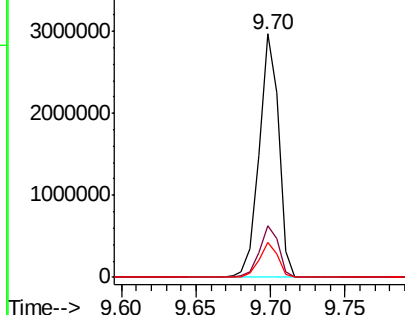


Abundance

Ion 152.00 (151.70 to 152.70): E

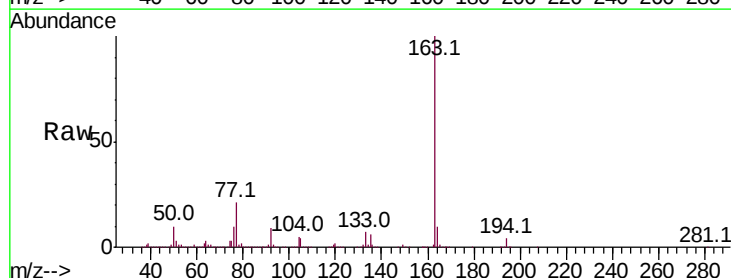
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 24.728 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.4	8.1	12.1

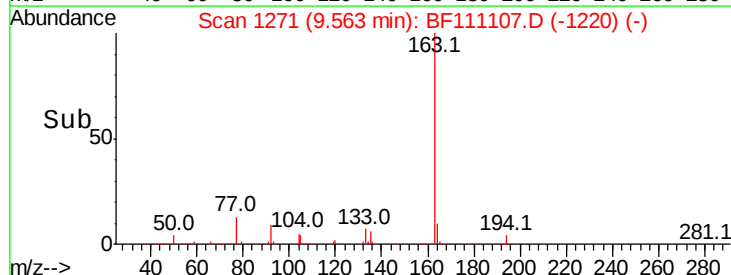
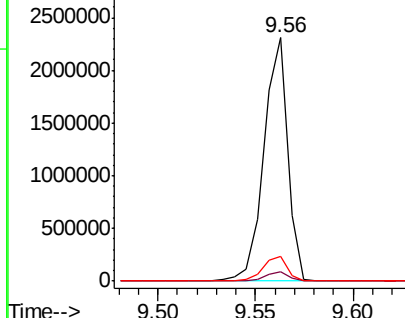


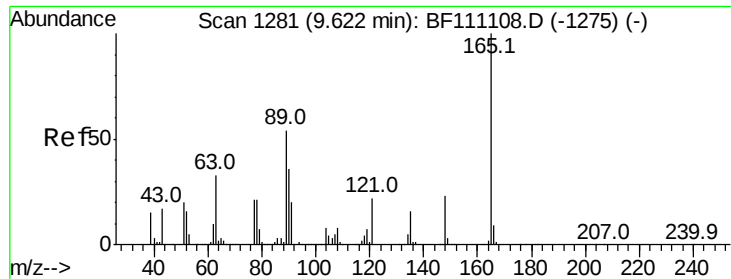
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





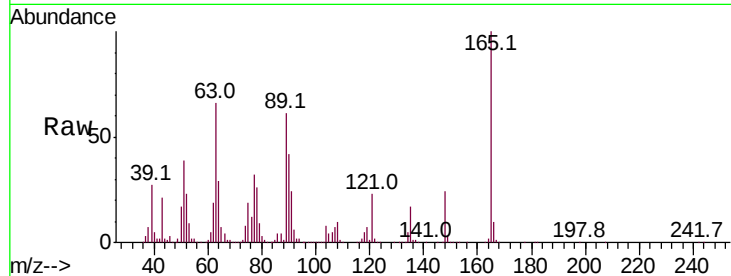
#51
2,6-Dinitrotoluene
Concen: 23.886 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

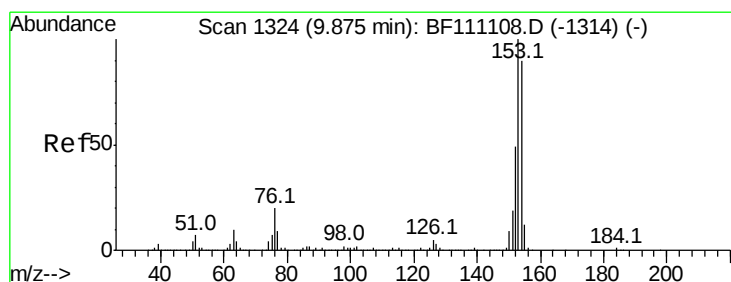
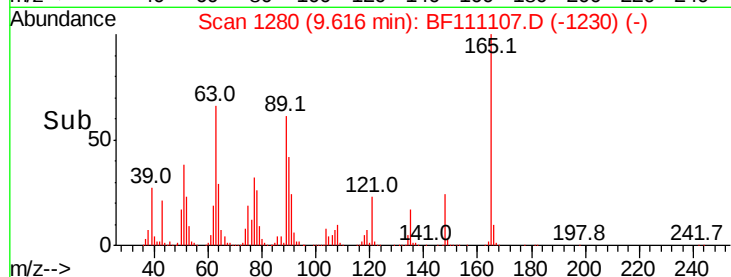
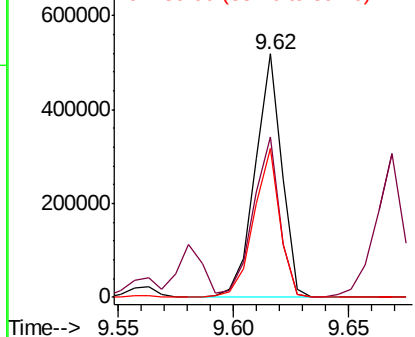
Tot Ion	Ratio	Resp	Lower	Upper
165	100	419677		
63	66.0	48.9	73.3	
89	61.2	46.6	69.8	

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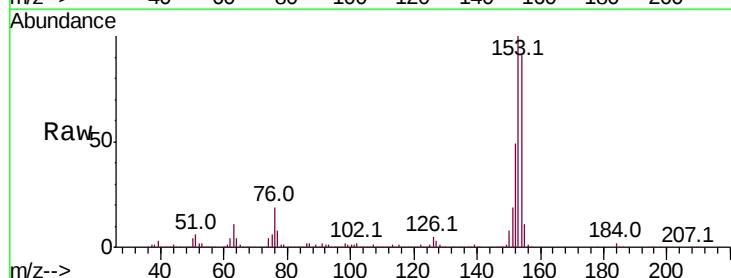


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

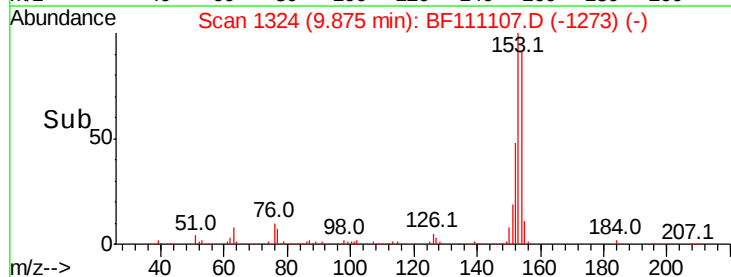
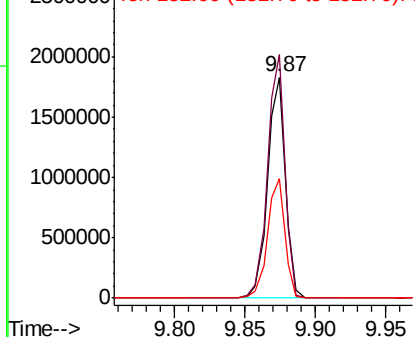


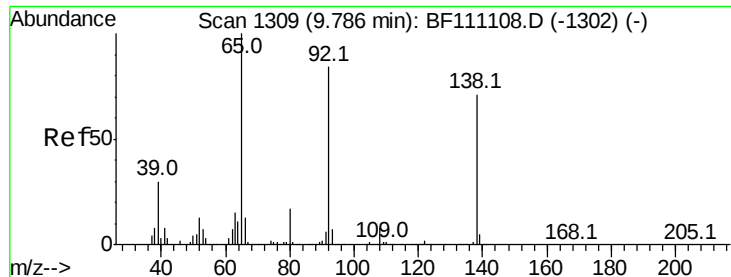
#52
Acenaphthene
Concen: 25.123 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1647445		
153	110.4	90.1	135.1	
152	54.4	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





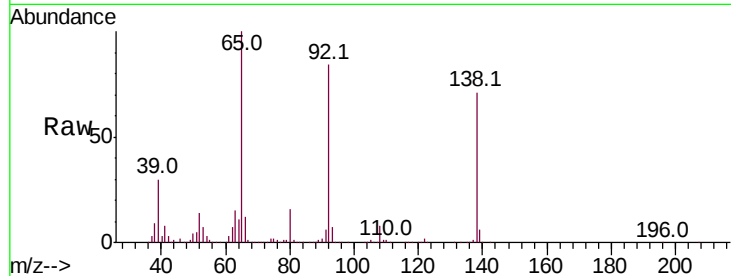
#53
3-Nitroaniline
Concen: 26.118 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.7	13.1
92	119.4	97.0	145.4

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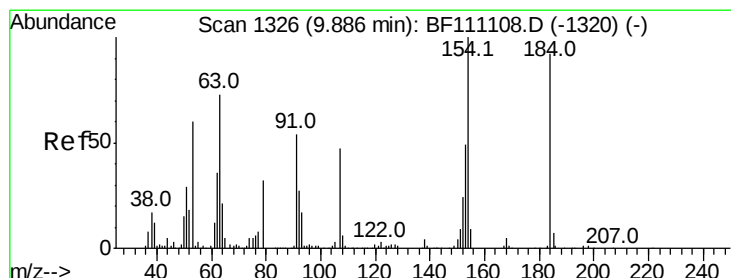
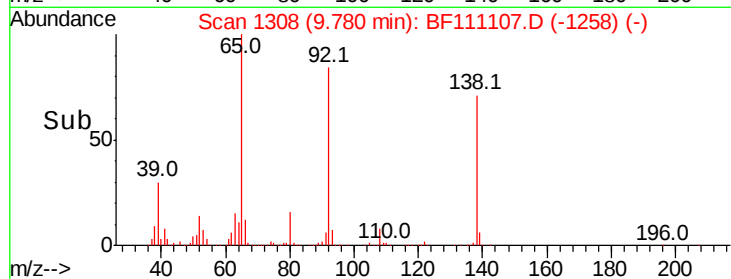
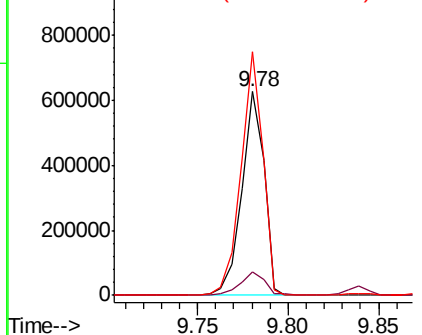


Abundance

Ion 138.00 (137.70 to 138.70): E

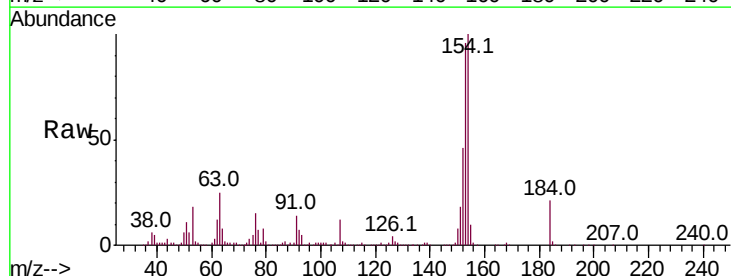
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 17.050 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	121.5	55.8	83.6#
154	487.5	63.2	94.8#

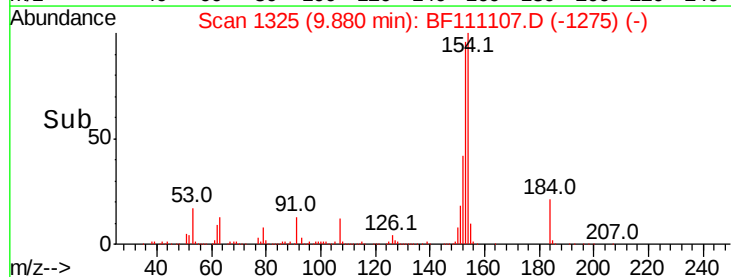
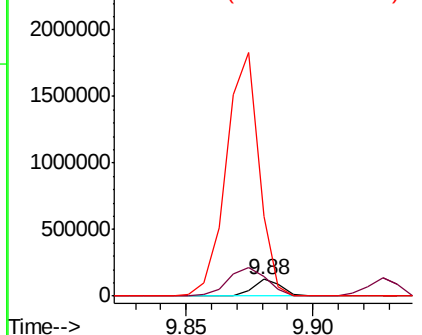


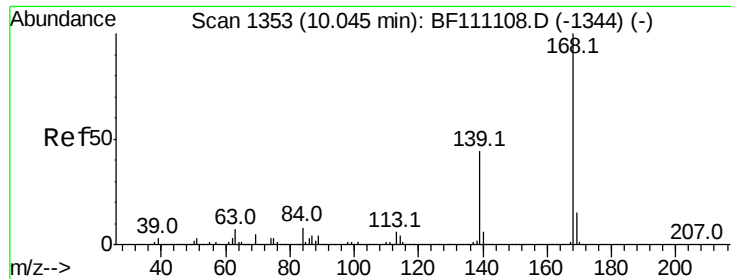
Abundance

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





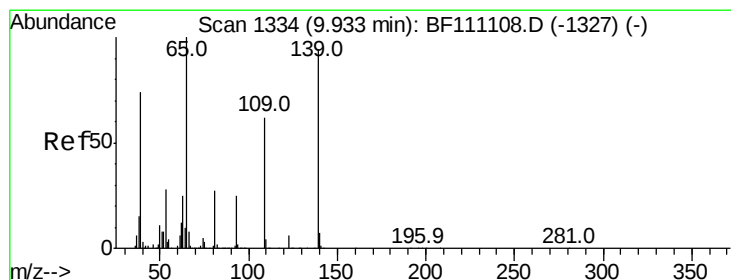
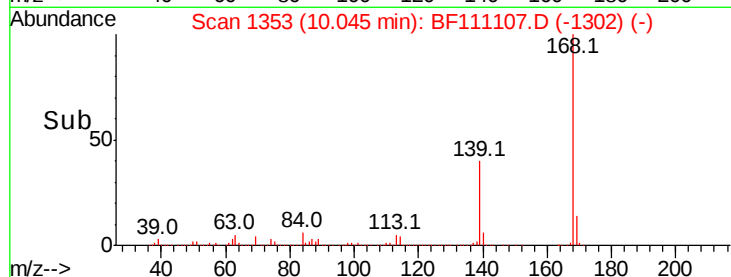
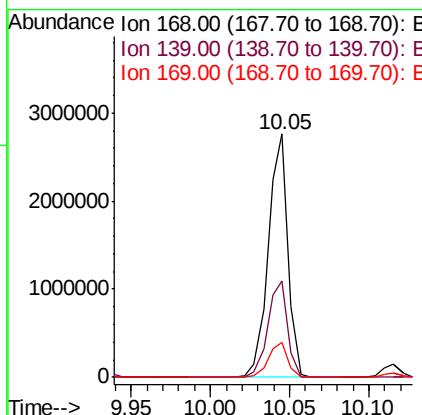
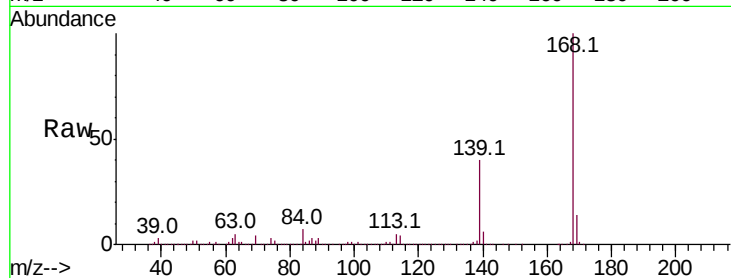
#55
Dibenzofuran
Concen: 25.091 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.0	49.6
169	14.2	11.3	16.9

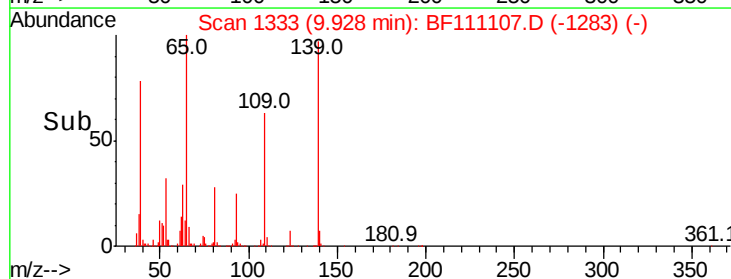
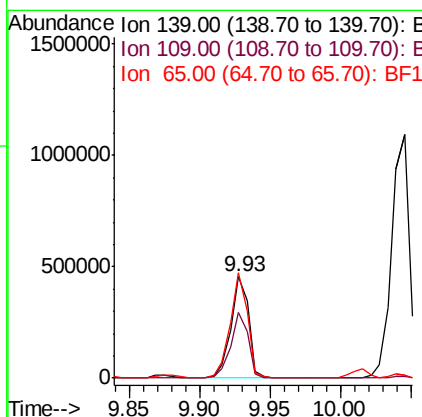
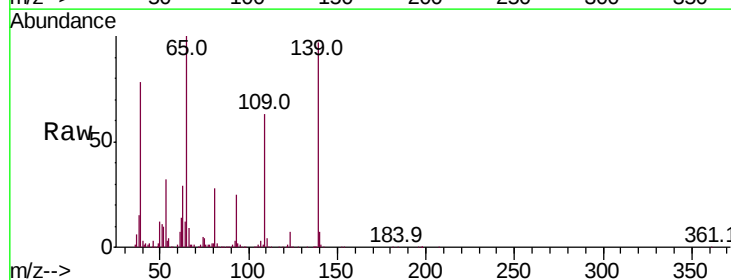
Manual Integrations
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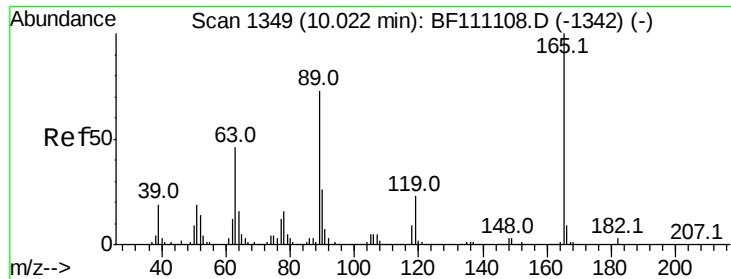
mohammad
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#56
4-Nitrophenol
Concen: 39.199 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.1	55.8	95.8
65	103.3	77.9	117.9





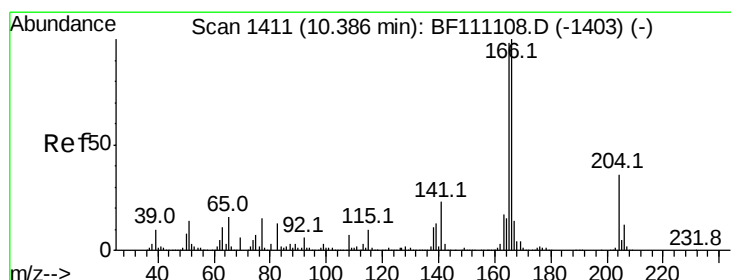
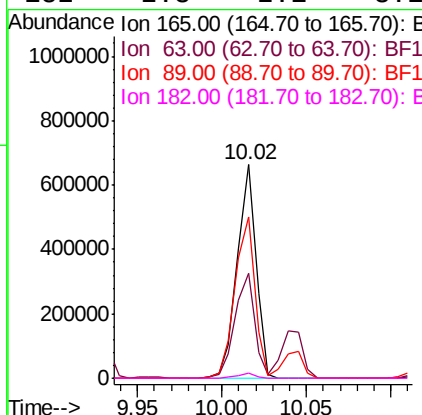
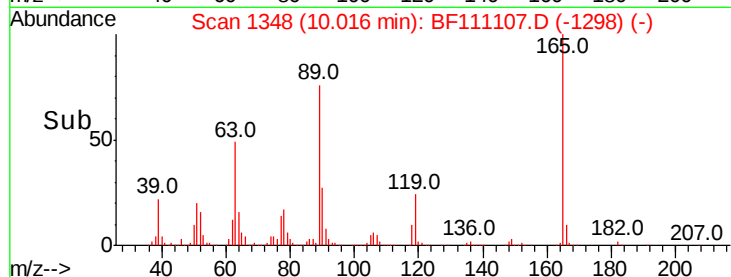
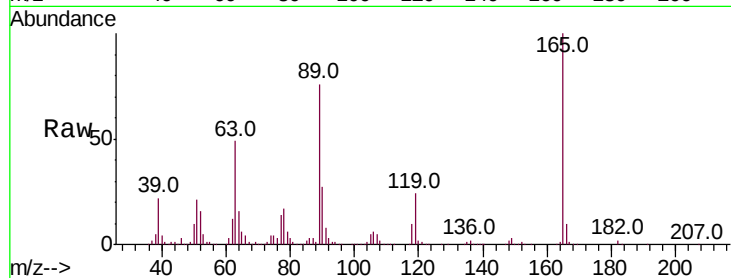
#57
2,4-Dinitrotoluene
Concen: 22.673 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.4	44.8	67.2	
89	75.6	62.2	93.4	
182	2.3	2.1	3.1	

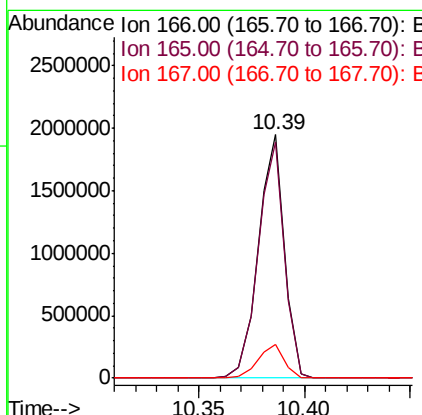
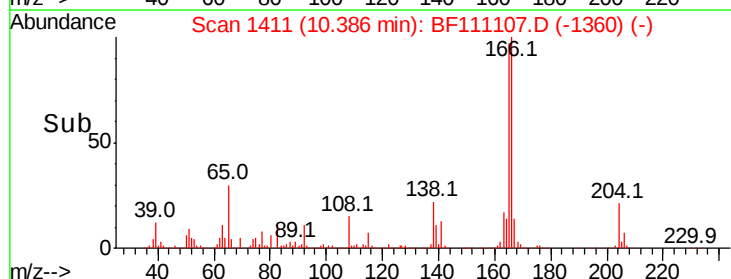
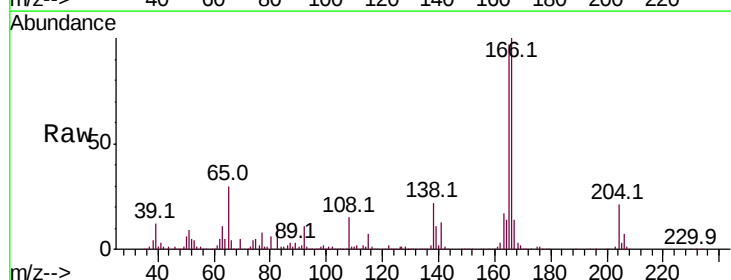
Manual Integrations
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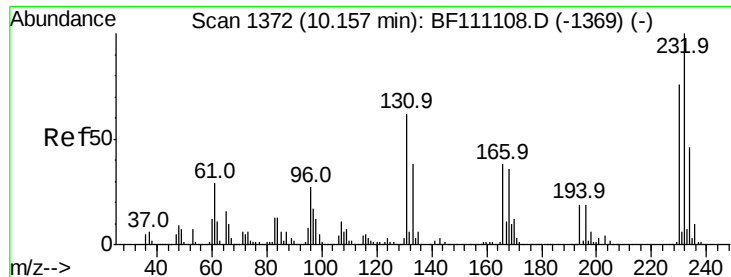
mohammad
12/6/2018 12:11:33 PM



#58
Fluorene
Concen: 22.399 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.8	78.6	117.8	
167	13.7	10.8	16.2	





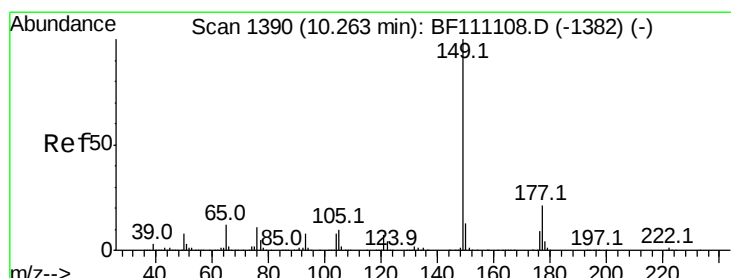
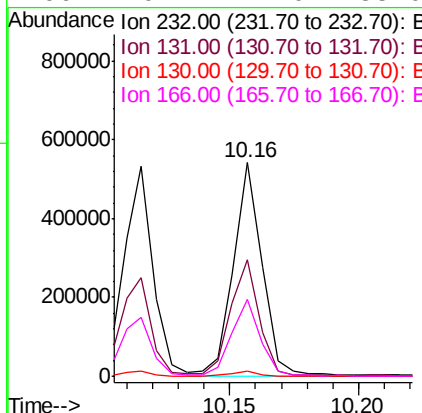
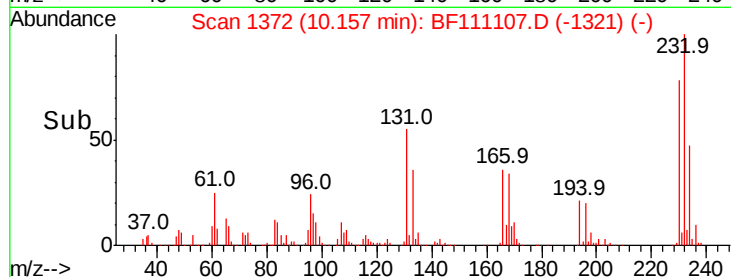
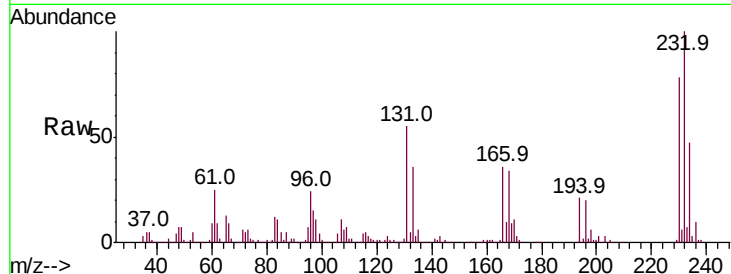
#59
2,3,4,6-Tetrachlorophenol
Concen: 24.292 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	37.0	55.4
130	2.5	1.8	2.6
166	29.4	22.0	33.0

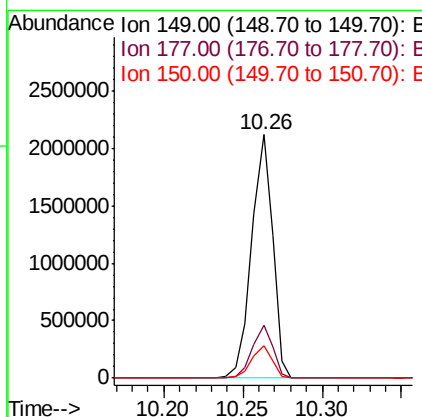
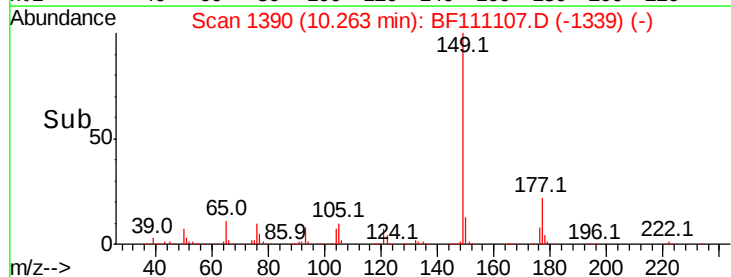
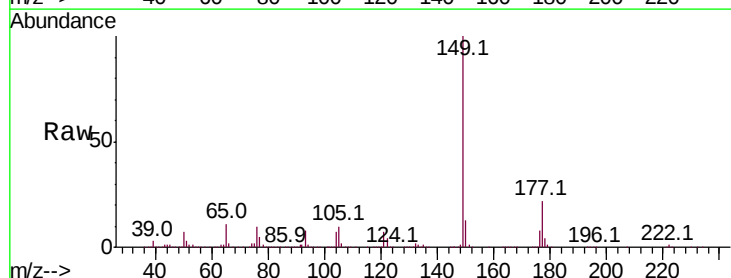
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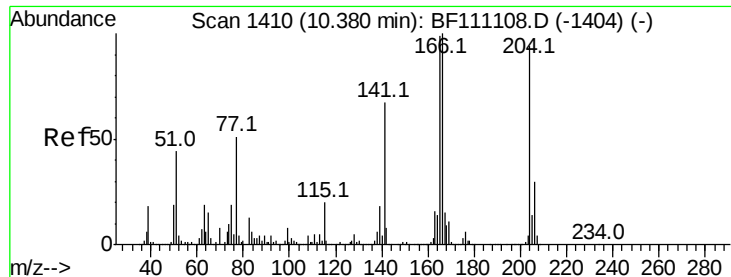
mohammad
12/6/2018 12:11:33 PM



#60
Diethylphthalate
Concen: 23.970 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	13.1	9.8	14.8





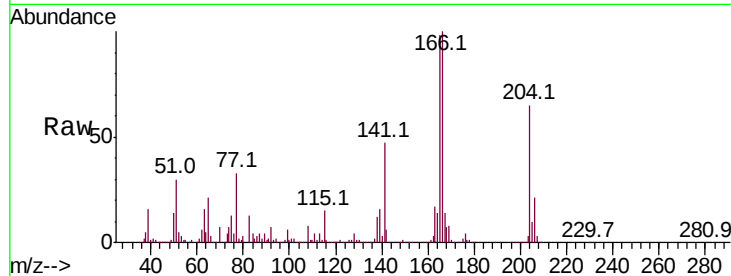
#61
 4-Chlorophenyl-phenylether
 Concen: 20.884 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

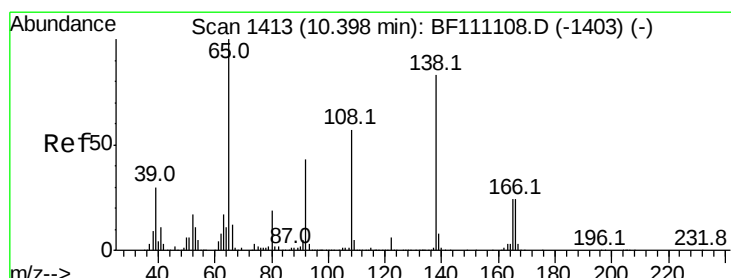
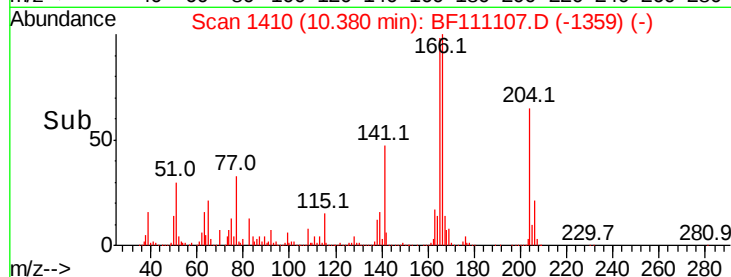
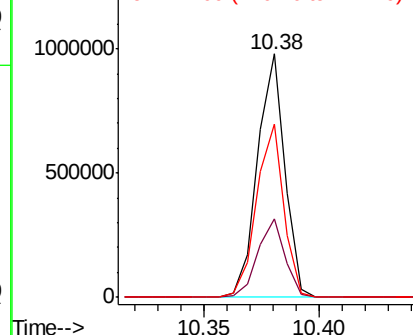
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	71.2	51.8	77.8

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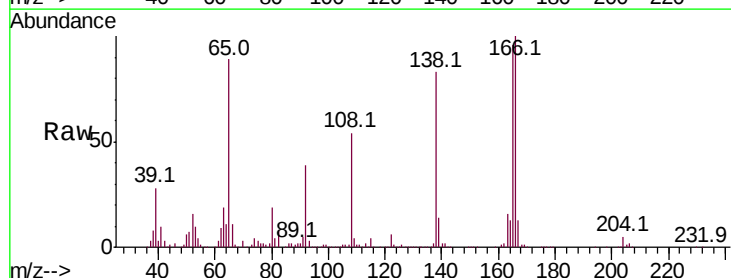


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

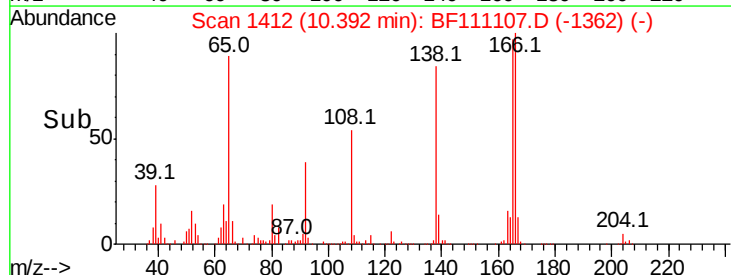
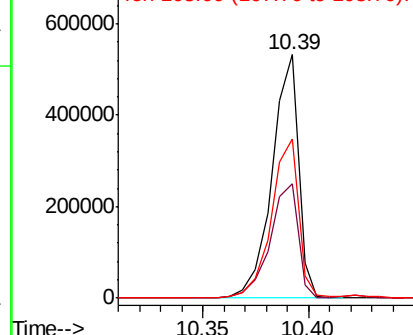


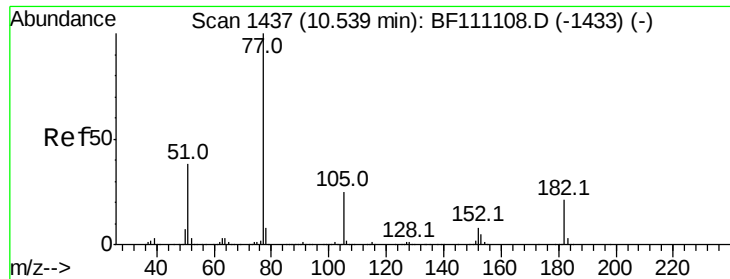
#62
 4-Nitroaniline
 Concen: 24.436 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	31.7	71.7
108	65.2	59.3	99.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





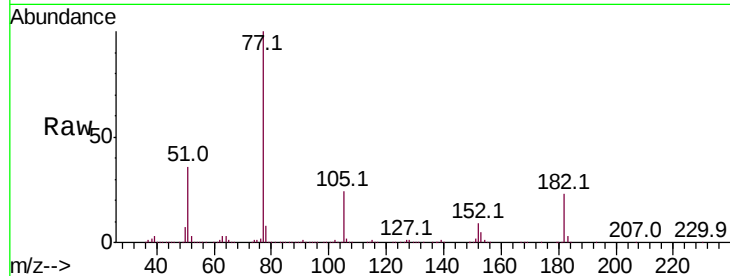
#63
Azobenzene
Concen: 26.250 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

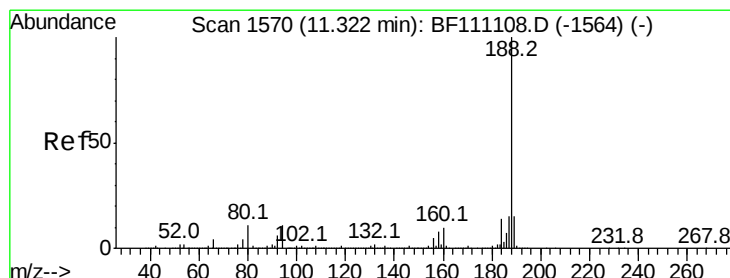
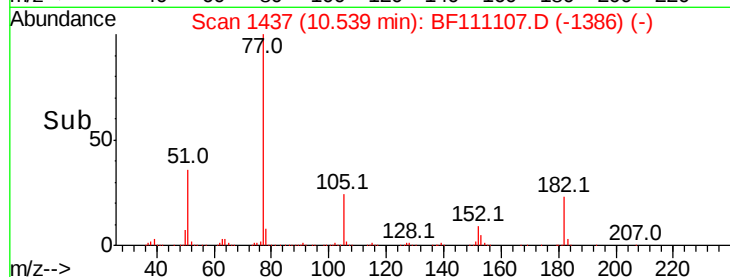
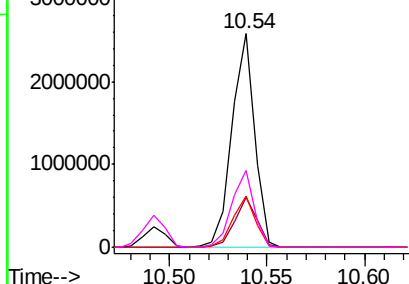
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.3	44.3
105	23.9	1.3	41.3
51	36.1	9.0	49.0

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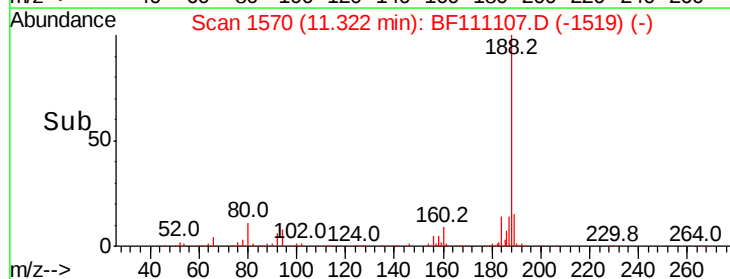
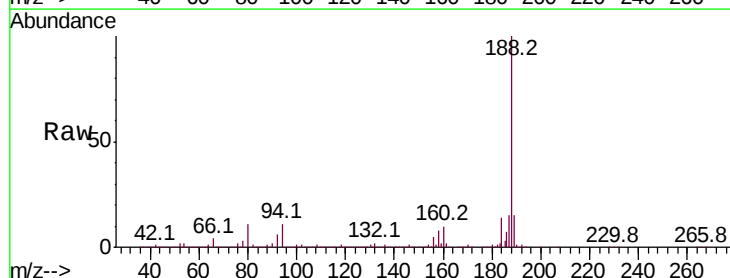
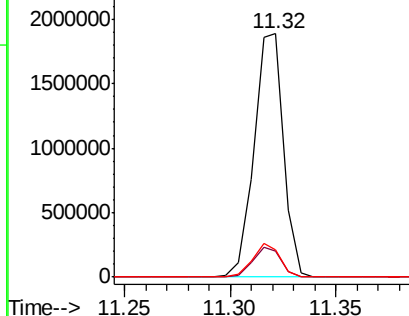
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

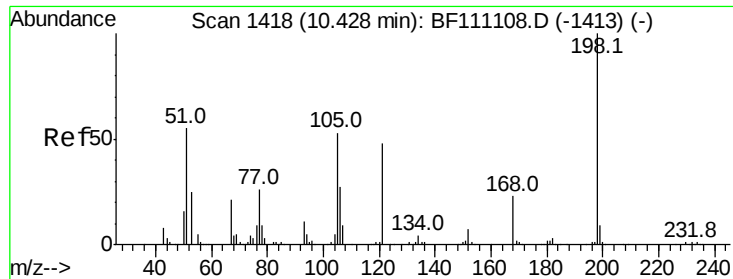


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.2	10.8
80	11.3	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: 20.467 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:198 Resp: 177309

Ion Ratio Lower Upper

198 100

51 69.4 22.8 62.8#

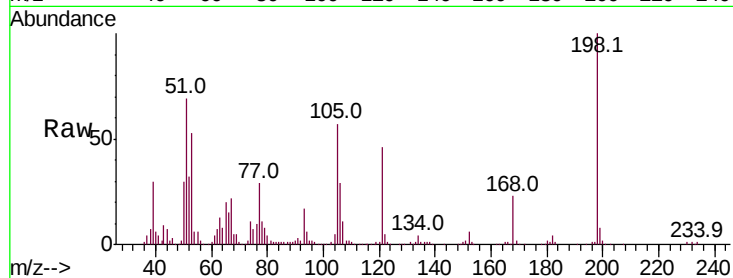
105 57.2 23.6 63.6

Manual Integrations

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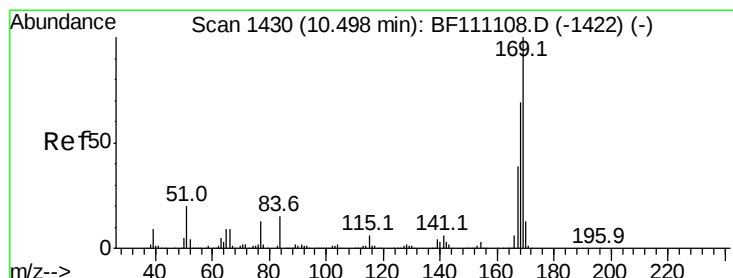
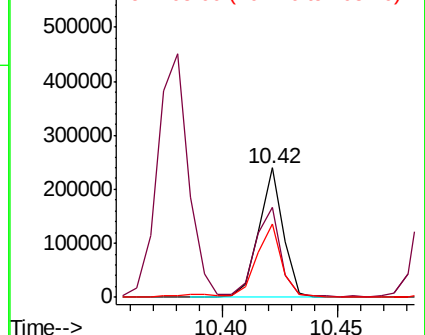
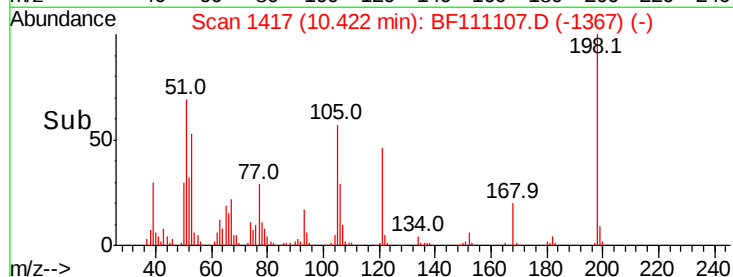
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 27.162 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

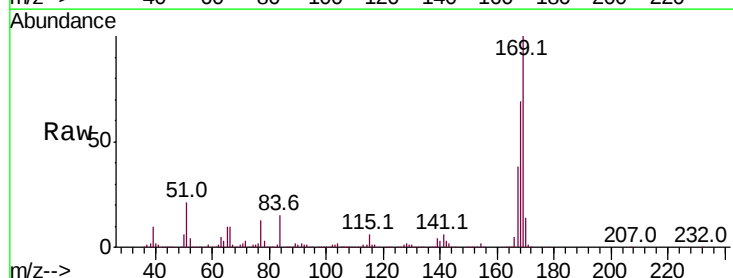
Tgt Ion:169 Resp: 1655991

Ion Ratio Lower Upper

169 100

168 68.6 51.2 76.8

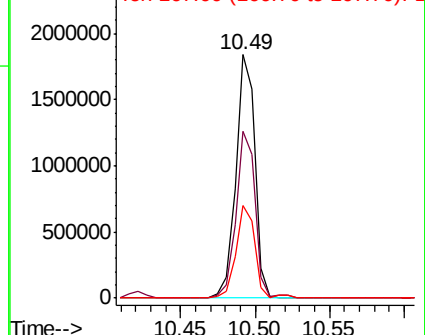
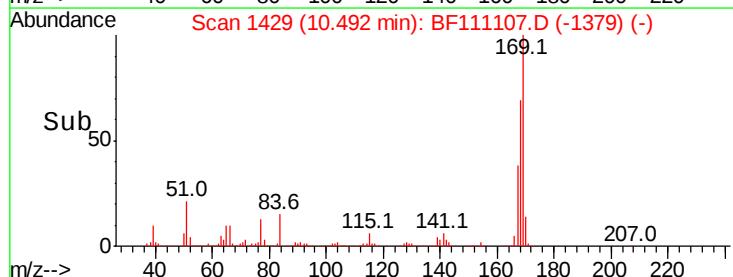
167 38.0 27.8 41.6

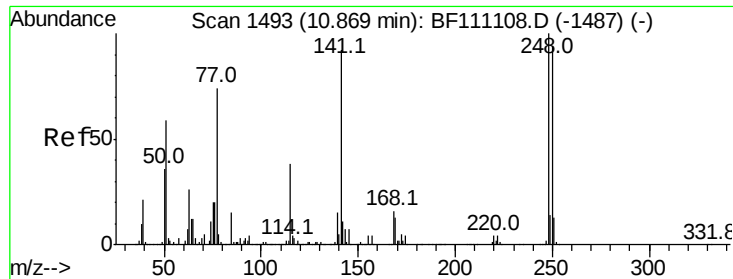


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





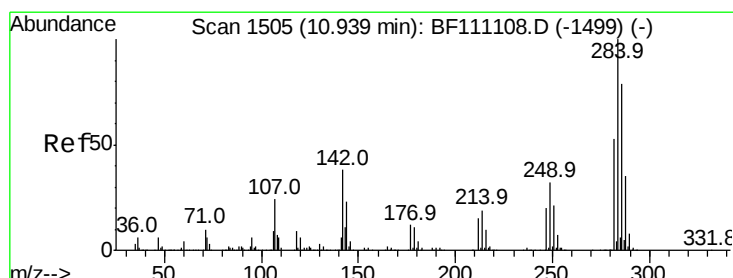
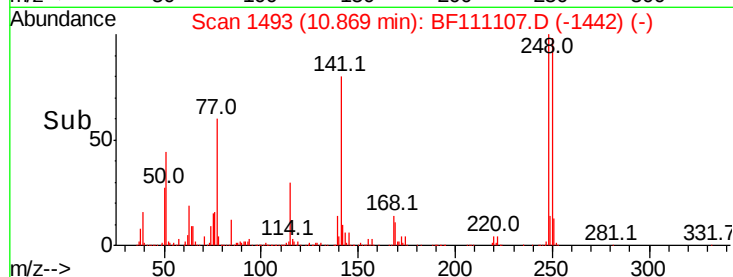
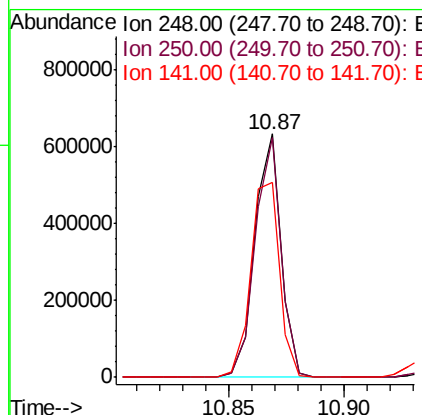
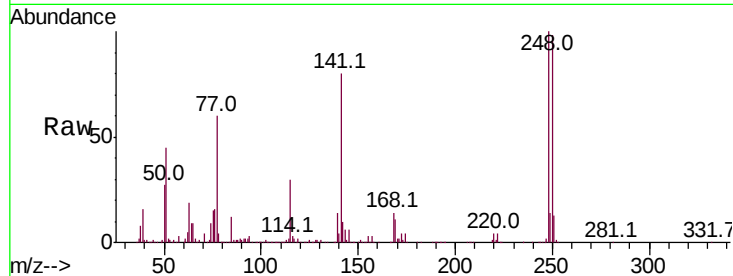
#67
4-Bromophenyl-phenylether
Concen: 25.236 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.4	119.2
141	80.2	55.9	83.9

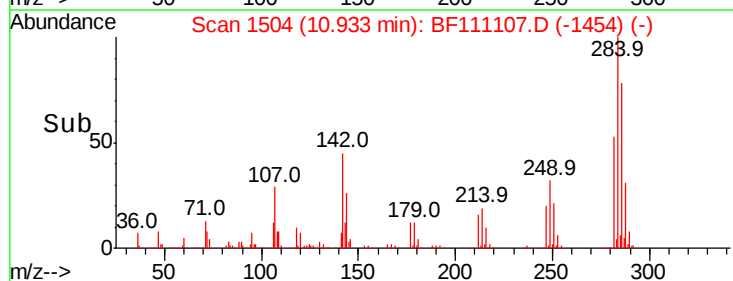
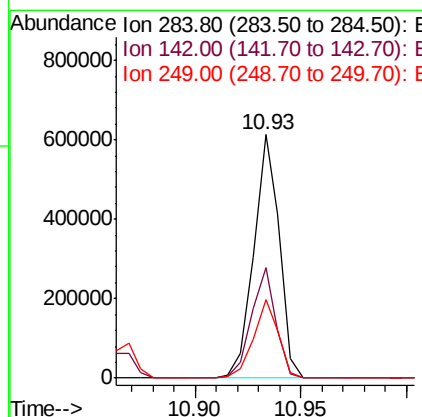
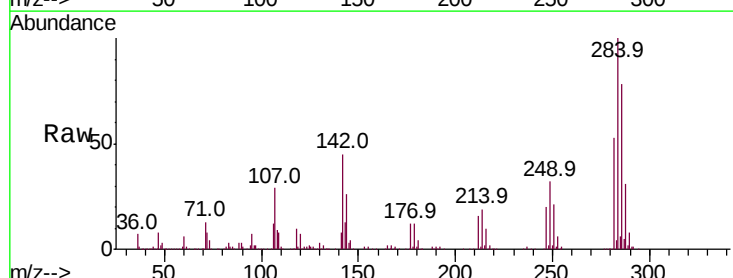
Manual Integrations
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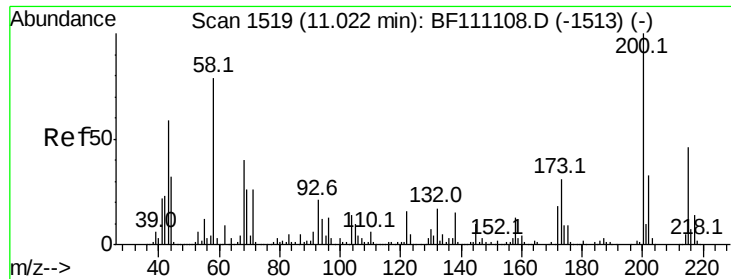
mohammad
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#68
Hexachlorobenzene
Concen: 24.141 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.4	23.9	35.9#
249	32.5	24.2	36.2





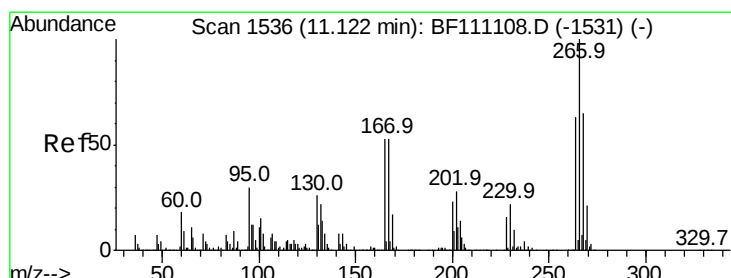
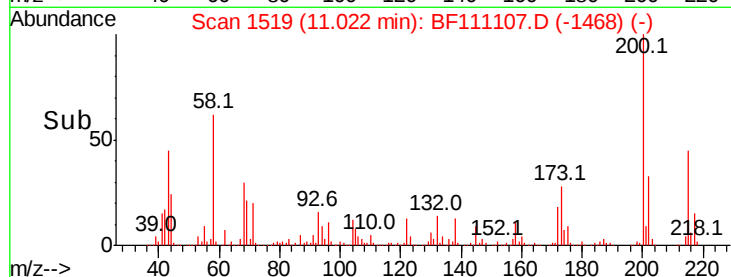
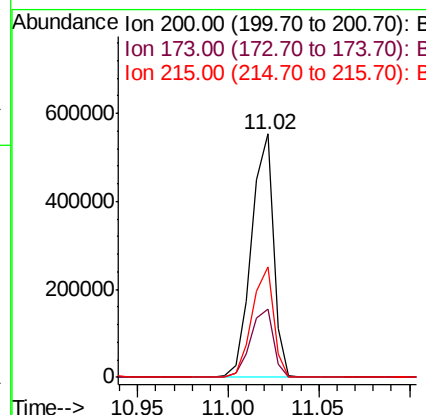
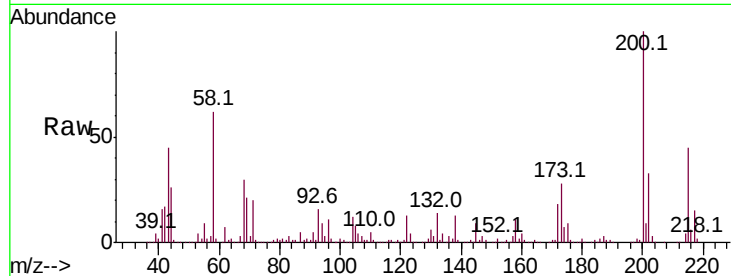
#69
Atrazine
Concen: 29.718 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
200	100	466267		
173	27.8	6.6	46.6	
215	45.2	26.3	66.3	

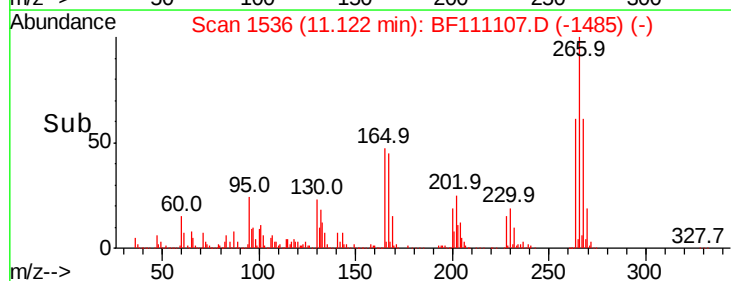
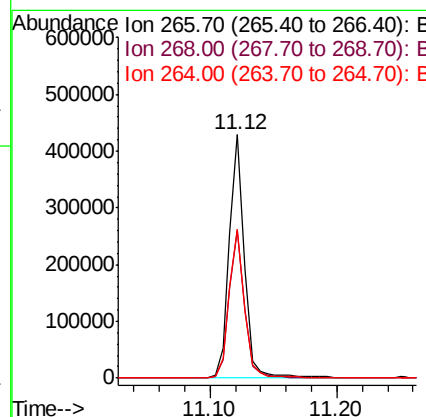
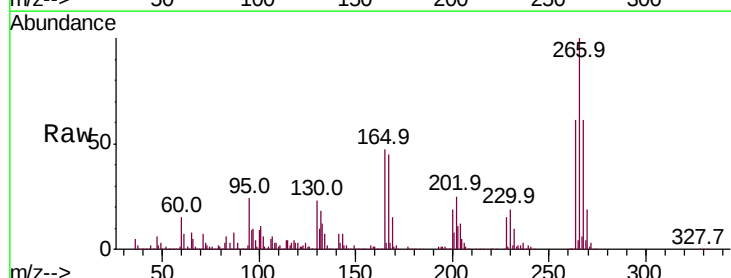
Manual Integrations
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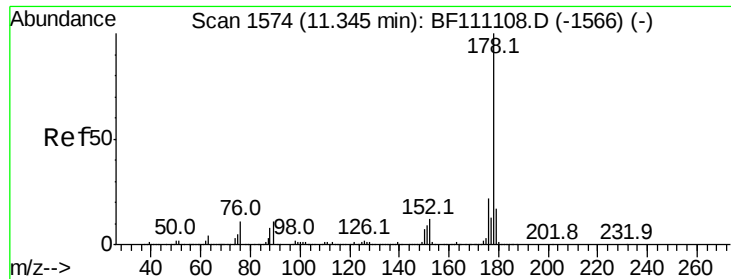
mohammad
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#70
Pentachlorophenol
Concen: 42.587 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	359957		
268	60.7	50.6	75.8	
264	61.0	50.6	75.8	





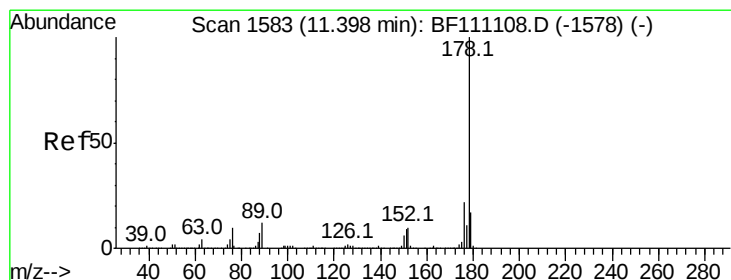
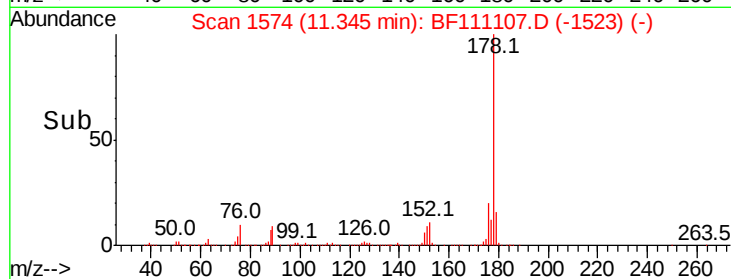
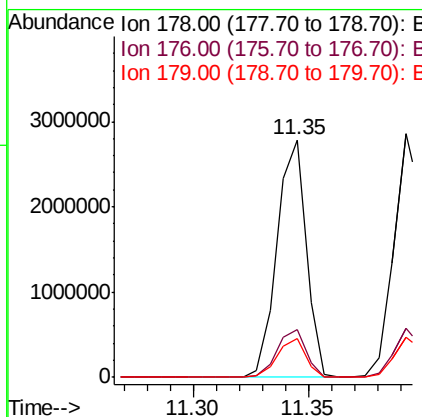
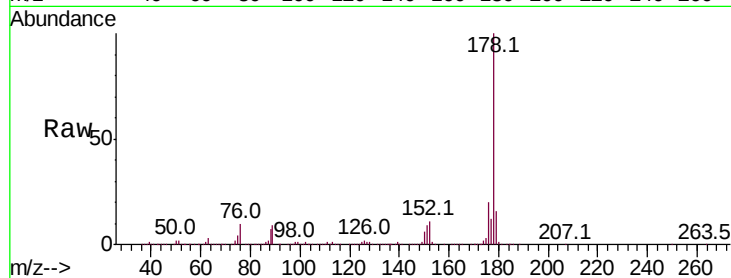
#71
Phenanthrene
Concen: 25.192 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.1	12.5	18.7

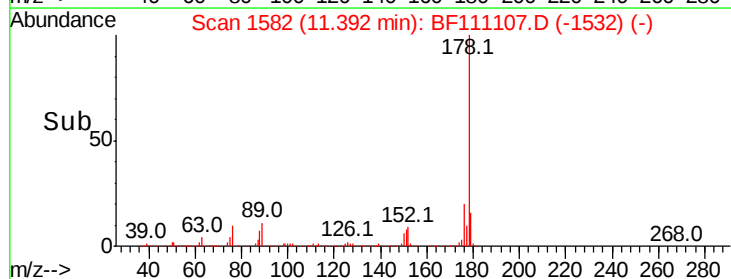
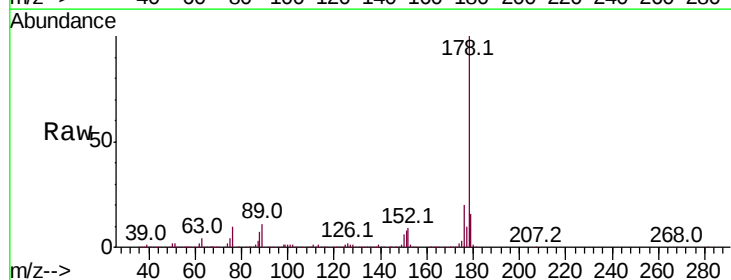
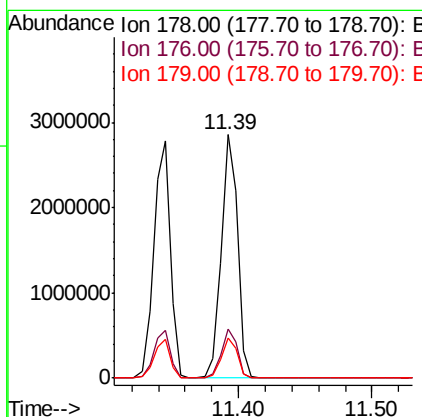
Manual Integrations
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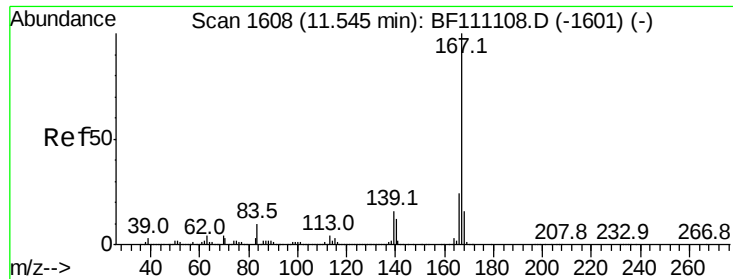
mohammad
12/6/2018 12:11:33 PM



#72
Anthracene
Concen: 25.033 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.4	12.6	18.8





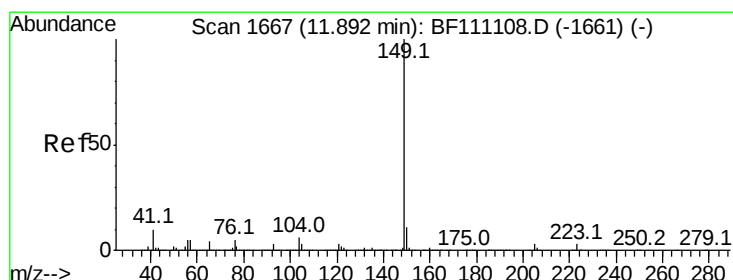
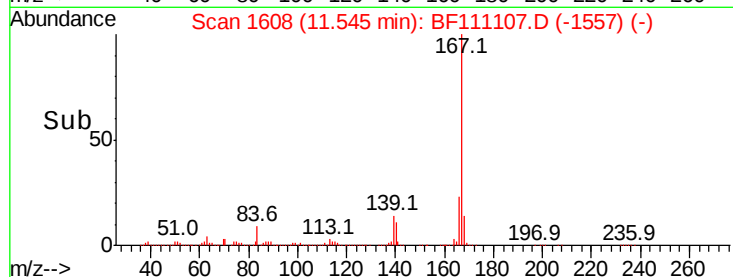
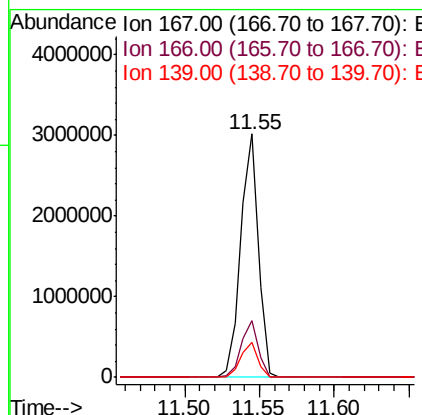
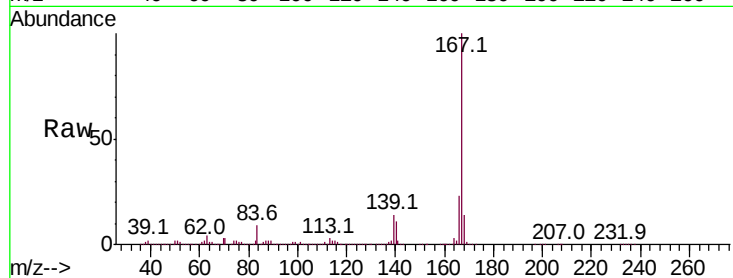
#73
 Carbazole
 Concen: 26.270 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.4	26.0
139	14.3	10.9	16.3

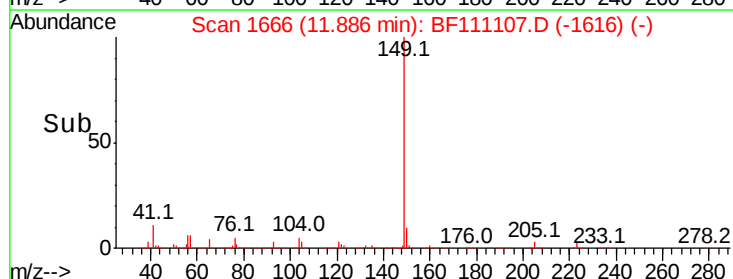
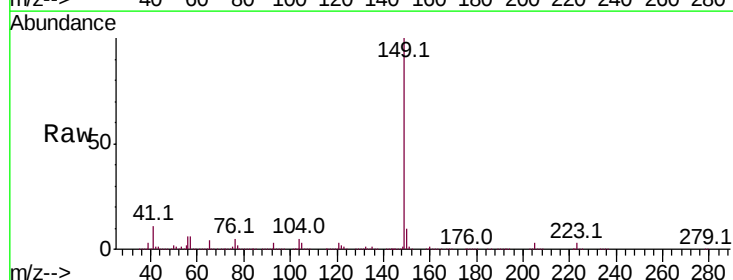
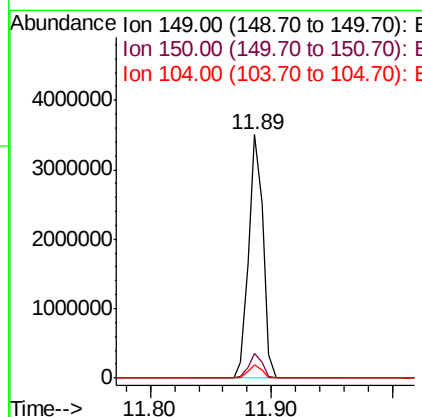
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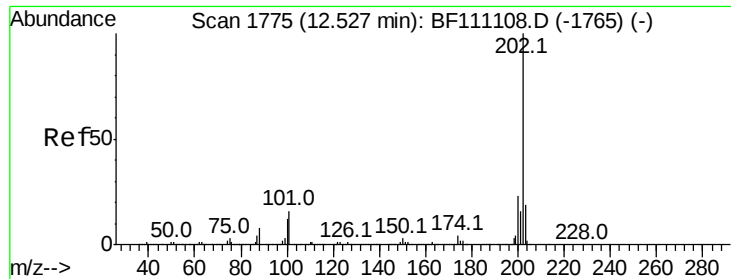
mohammad
 12/6/2018 12:11:33 PM



#74
 Di-n-butylphthalate
 Concen: 26.046 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.2	6.4





#75

Fluoranthene

Concen: 23.438 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

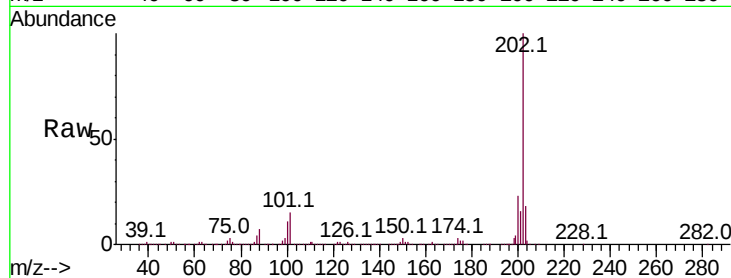
ClientSampleId :

SSTDIC025

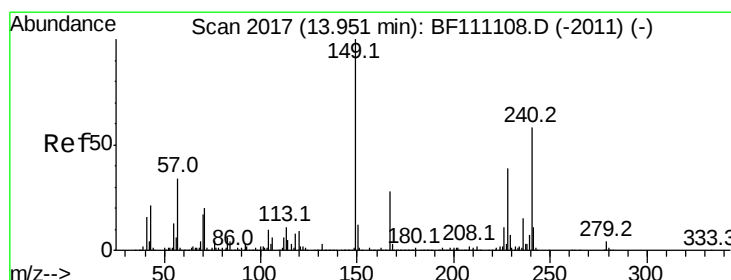
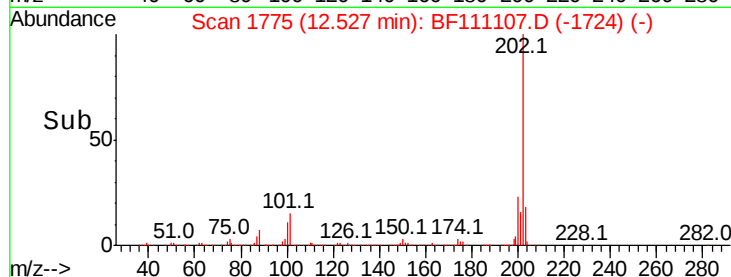
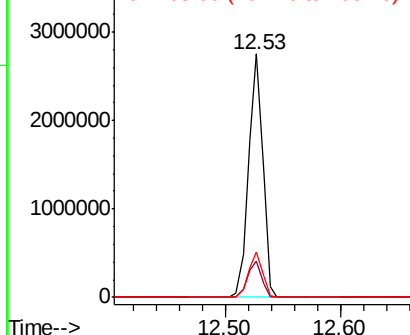
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	31.4
203	18.4	0.0	37.7

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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: 13.95 min Scan# 2017

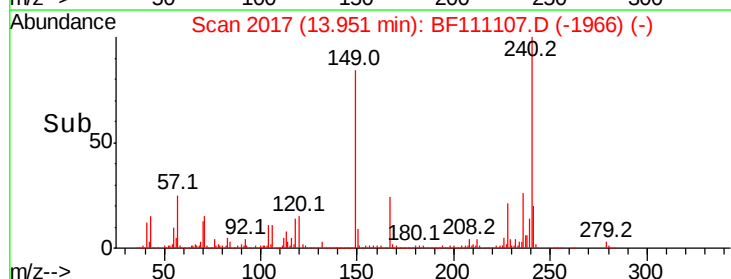
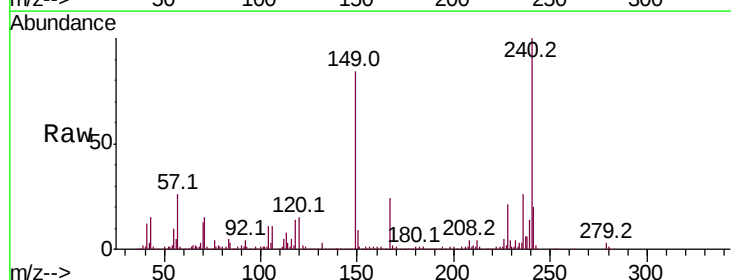
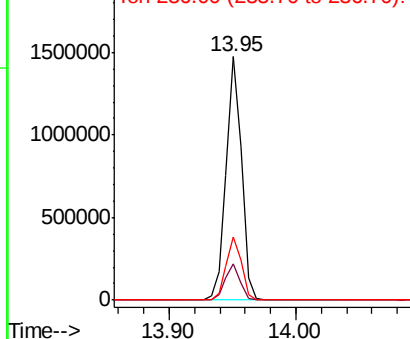
Delta R.T. -0.00 min

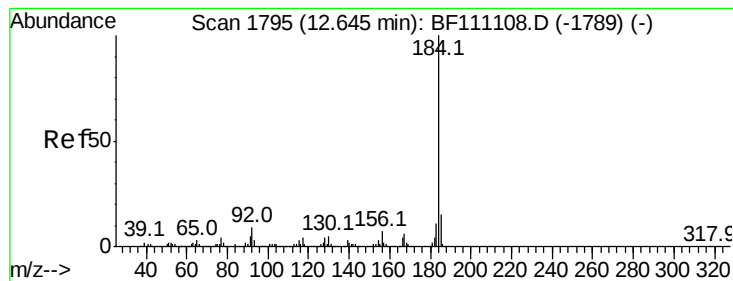
Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.3	12.5#
236	26.1	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





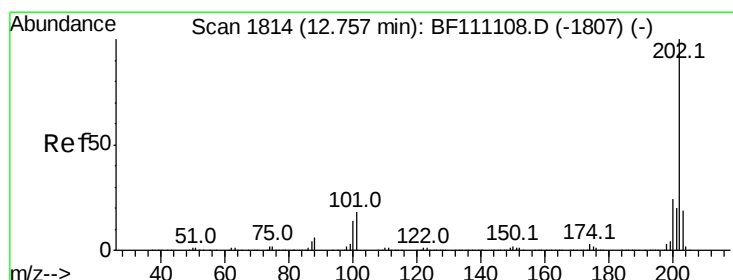
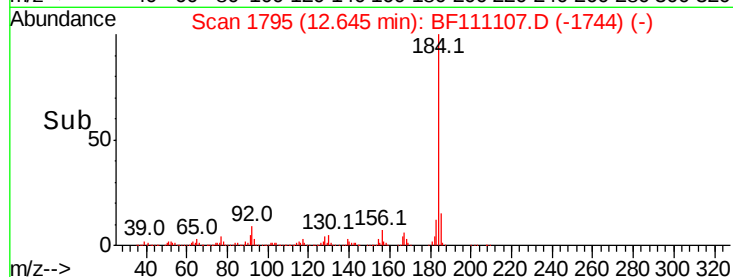
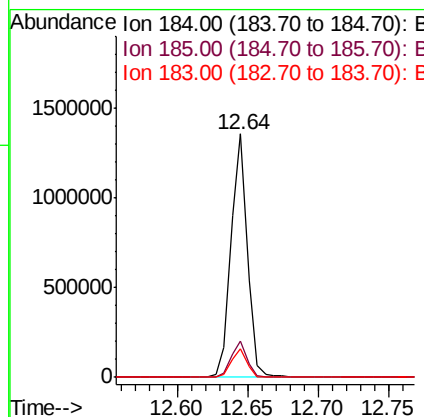
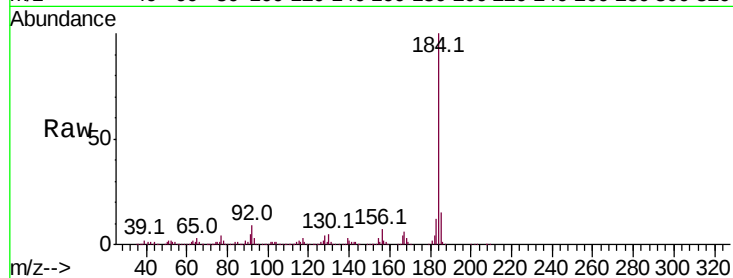
#77
Benzidine
Concen: 34.425 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.2
183	11.6	9.4	14.2

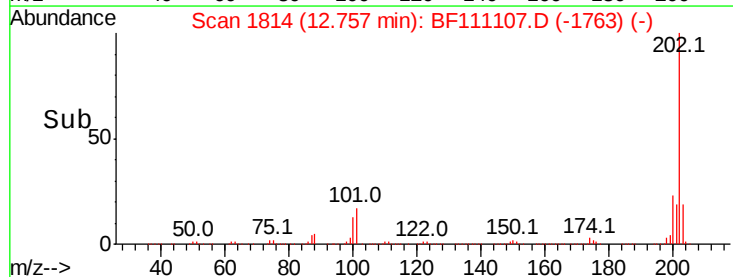
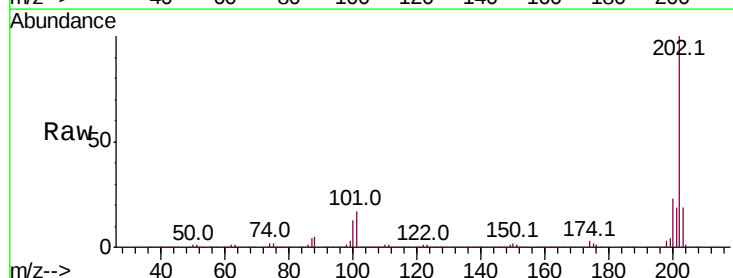
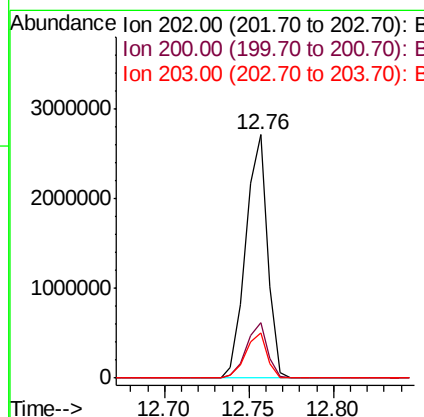
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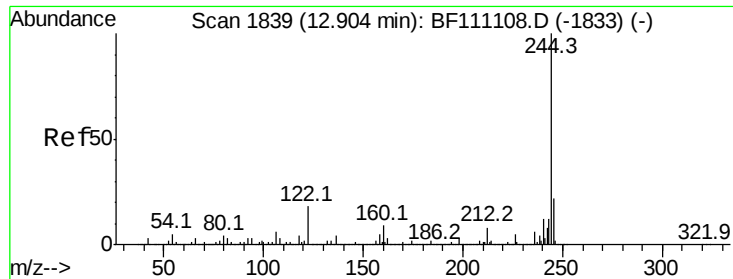
mohammad
12/6/2018 12:11:33 PM



#78
Pyrene
Concen: 26.986 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.6
203	18.7	14.2	21.4





#79

Terphenyl-d14

Concen: 48.298 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:244 Resp: 3081703

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

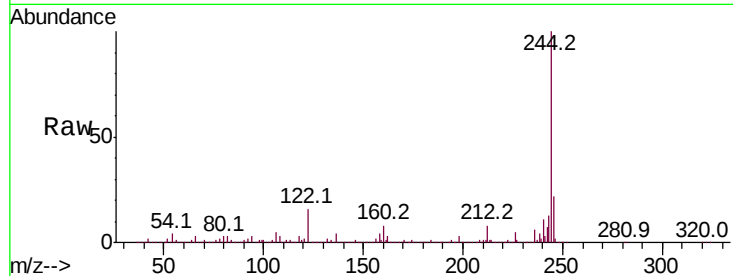
122 15.7 8.7 13.1#

Manual Integrations

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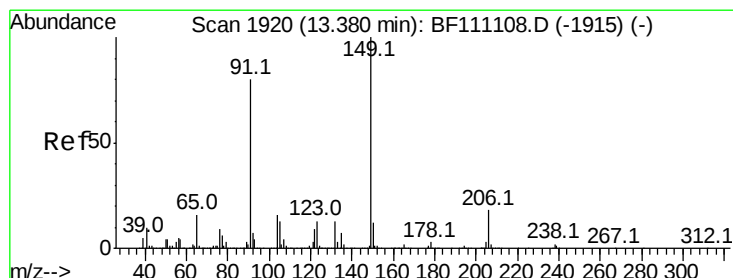
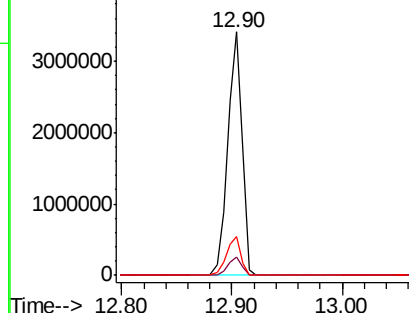
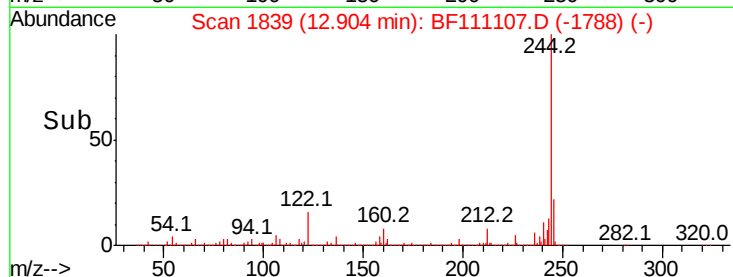
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.332 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

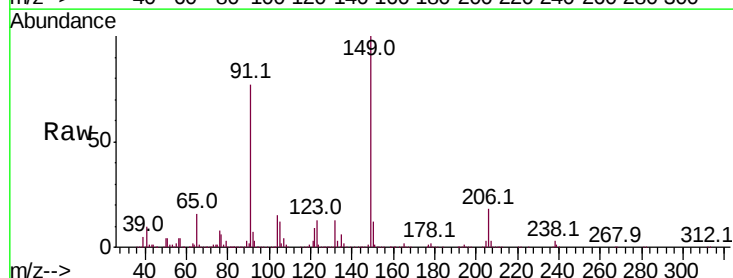
Tgt Ion:149 Resp: 1201347

Ion Ratio Lower Upper

149 100

91 77.2 57.2 85.8

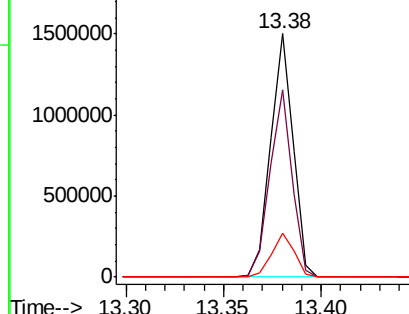
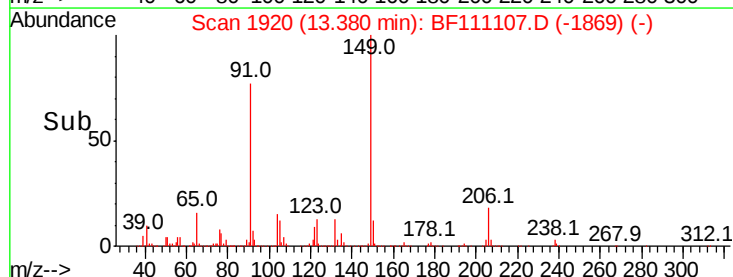
206 18.0 15.7 23.5

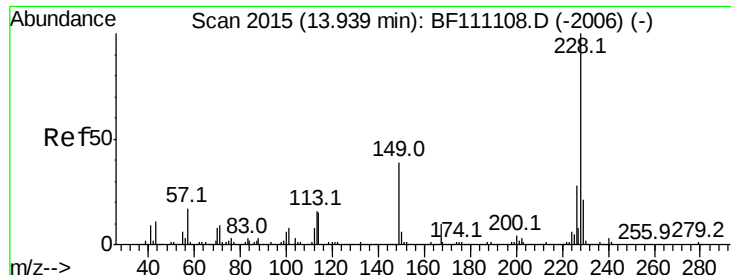


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





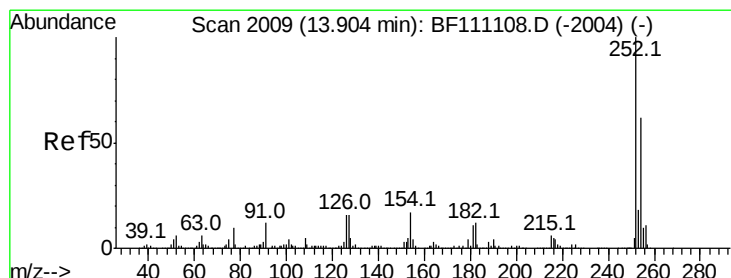
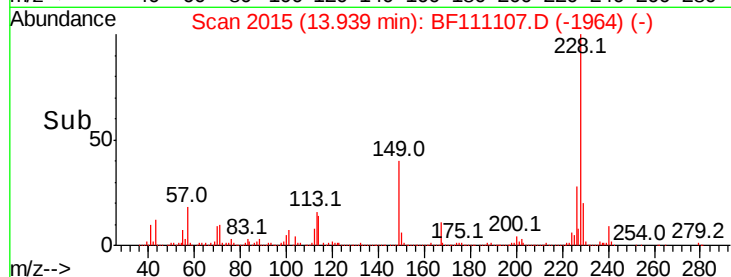
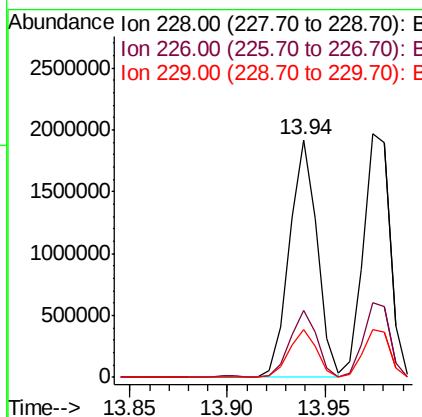
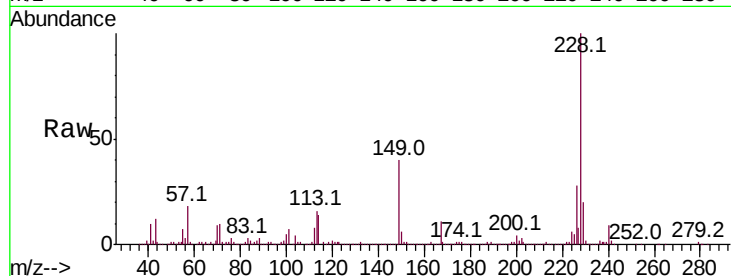
#81
Benzo(a)anthracene
Concen: 25.604 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	20.3	15.6	23.4

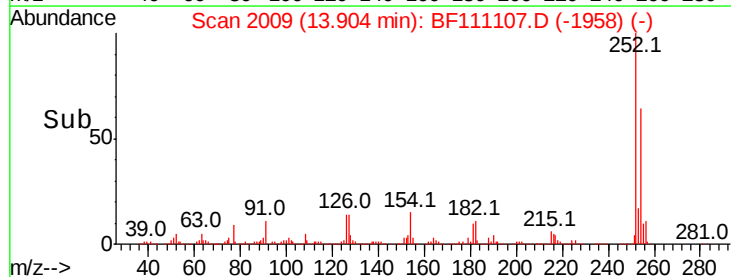
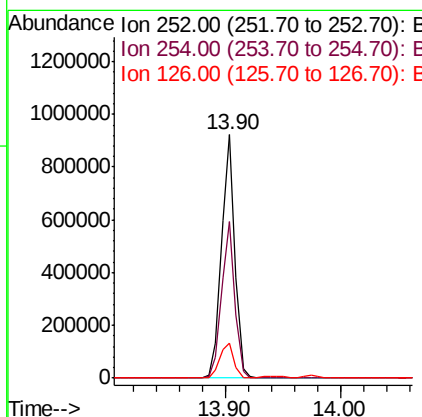
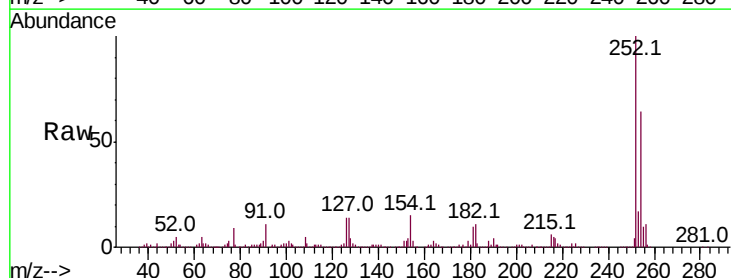
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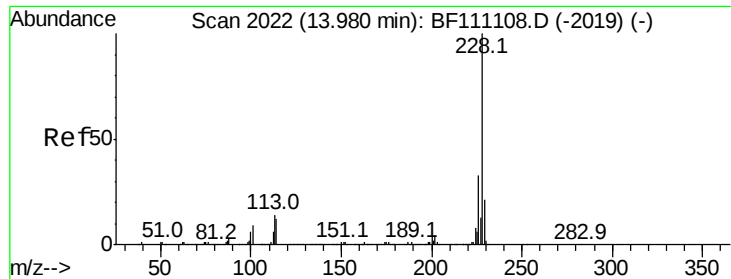
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.596 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	14.2	9.4	14.2#





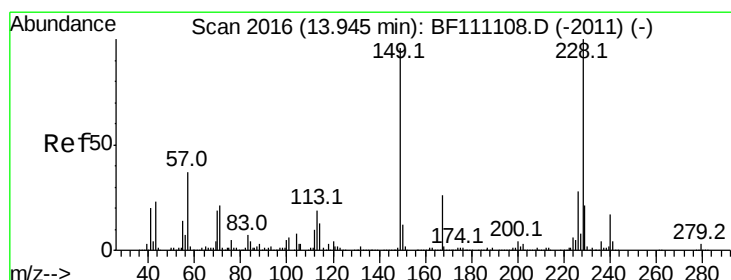
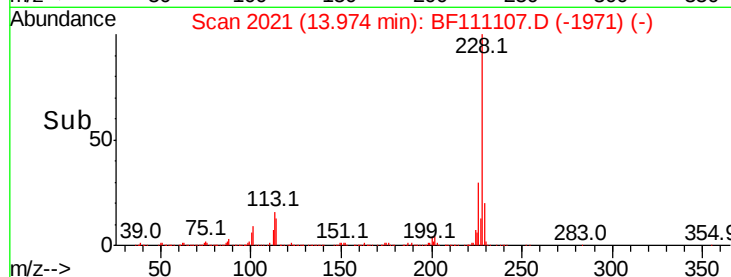
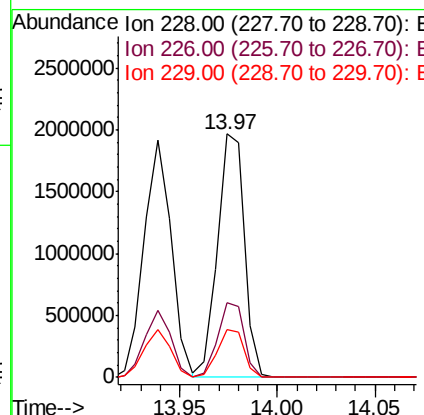
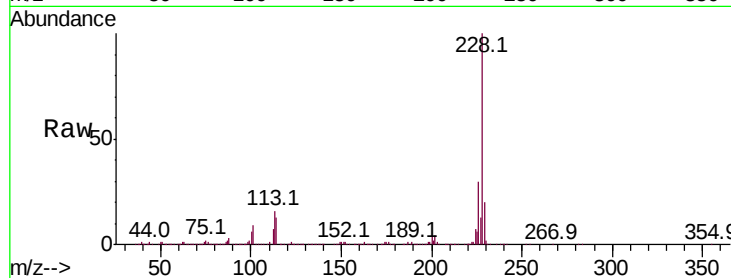
#83
 Chrvsene
 Concen: 25.998 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:228 Resp: 1876725
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 19.5 15.9 23.9

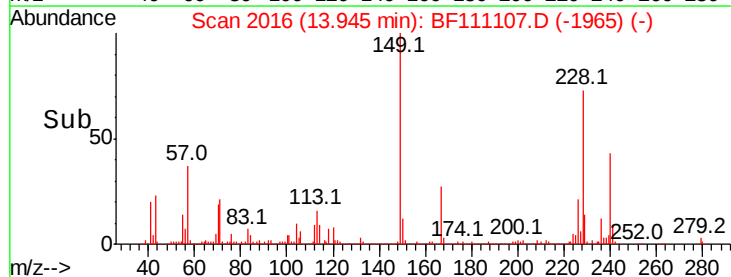
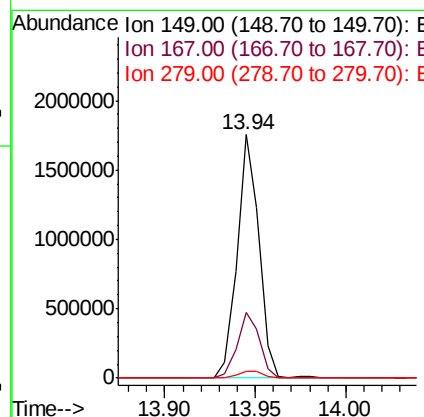
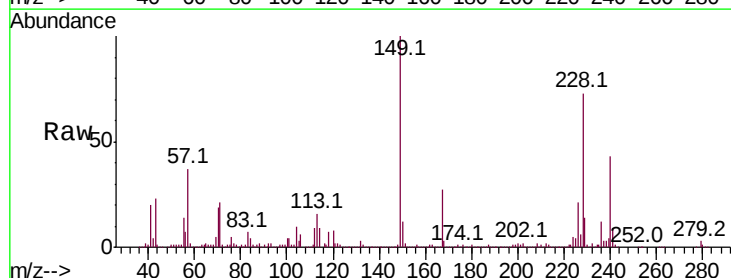
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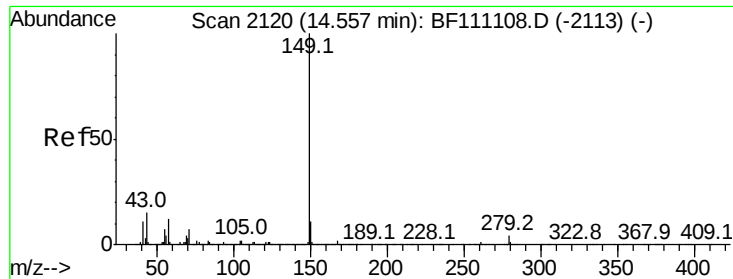
mohammad
 12/6/2018 12:11:33 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.856 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF111107.D
 Acq: 5 Dec 2018 14:22

Tgt Ion:149 Resp: 1465632
 Ion Ratio Lower Upper
 149 100
 167 27.1 19.8 29.8
 279 3.0 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 26.966 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 2323059

Ion Ratio Lower Upper

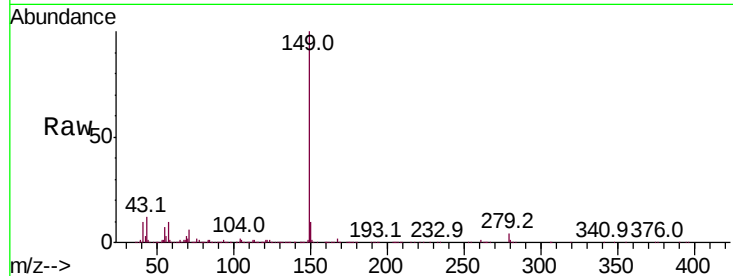
149 100

167 1.6 1.1 1.7

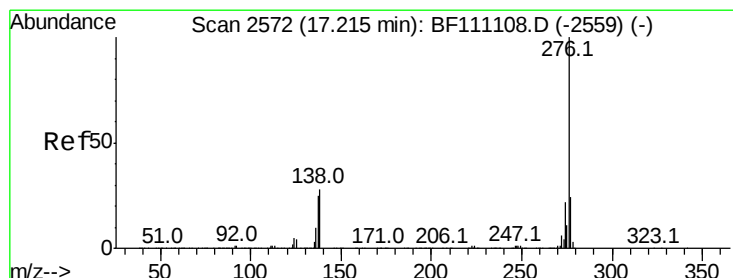
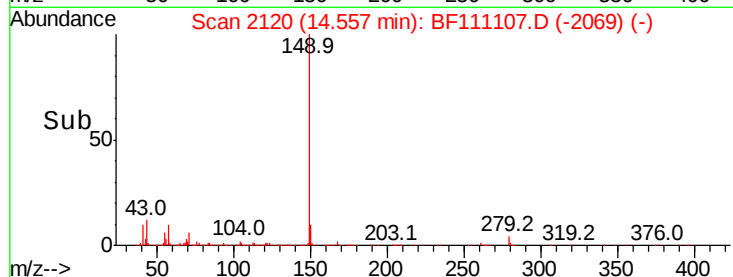
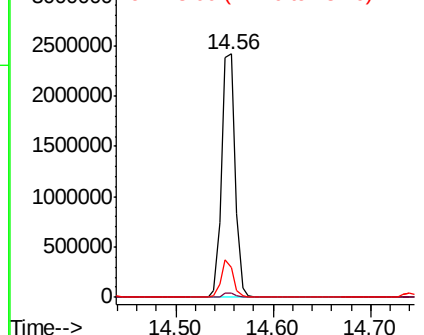
43 14.0 7.8 11.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 26.196 ng m

RT: 16.78 min Scan# 2498

Delta R.T. -0.44 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

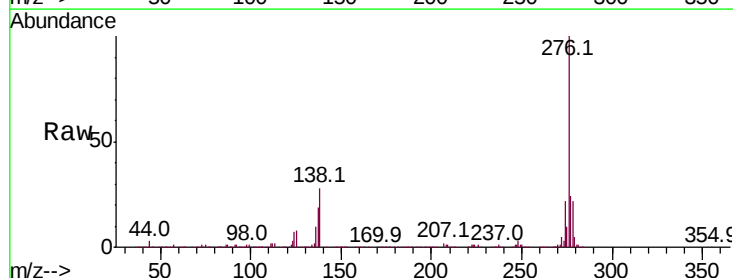
Tgt Ion:276 Resp: 1357388

Ion Ratio Lower Upper

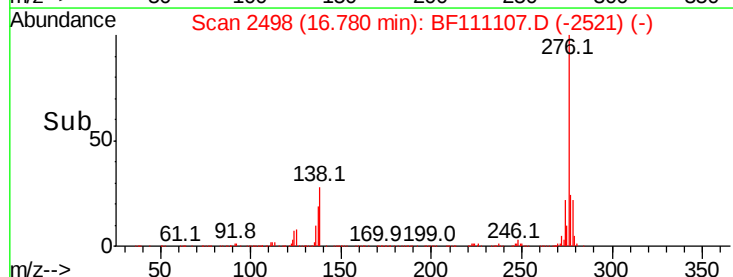
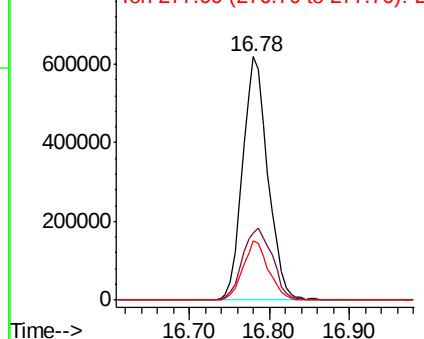
276 100

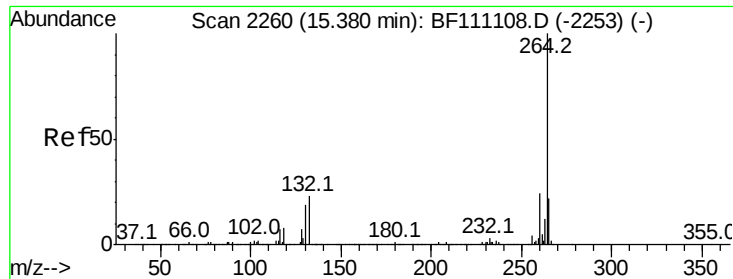
138 24.7 18.5 27.7

277 19.4 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:264 Resp: 1041787

Ion Ratio Lower Upper

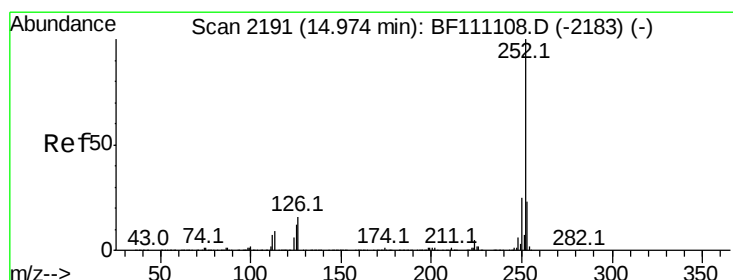
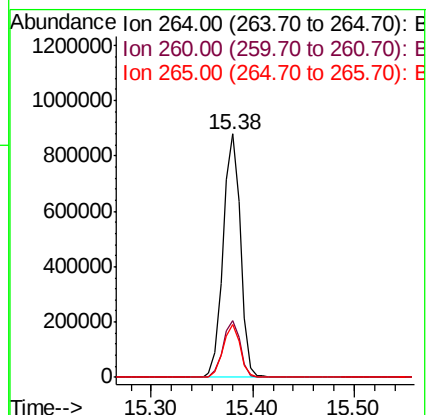
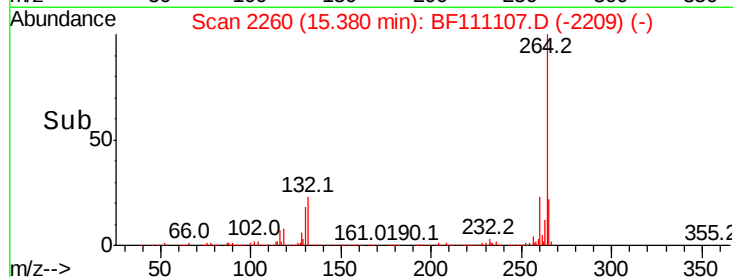
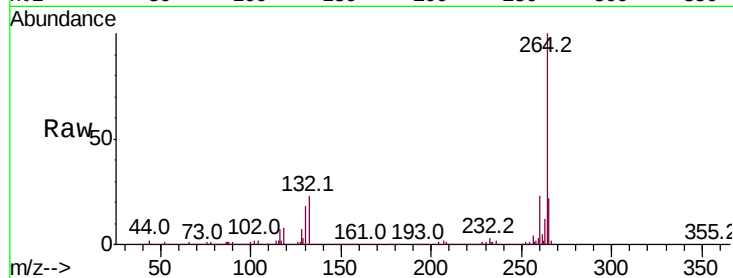
264 100

260 23.5 18.7 28.1

265 21.6 16.7 25.1

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#88

Benzo(b)fluoranthene

Concen: 24.219 ng

RT: 14.97 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BF111107.D

Acq: 5 Dec 2018 14:22

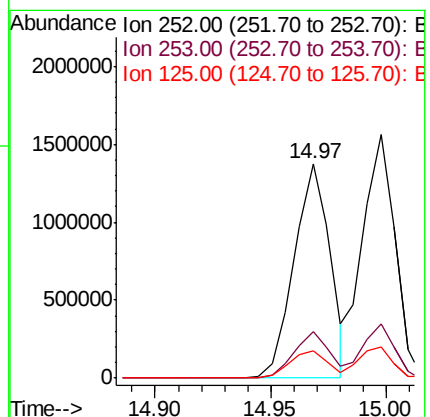
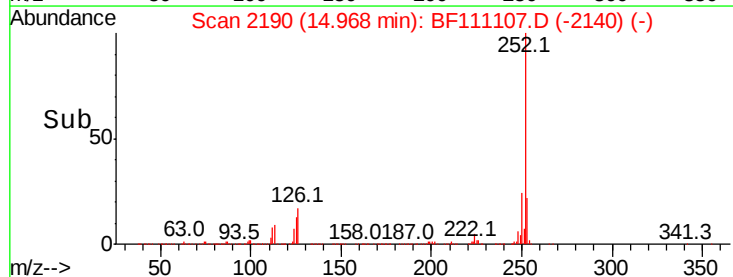
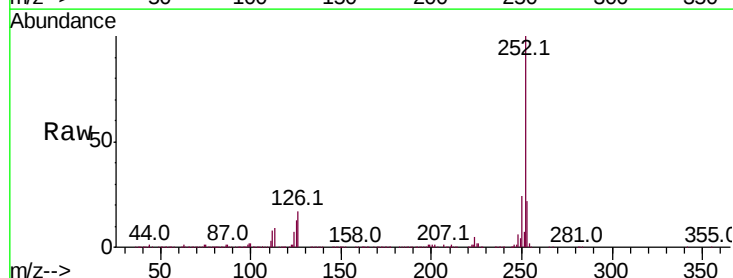
Tgt Ion:252 Resp: 1482246

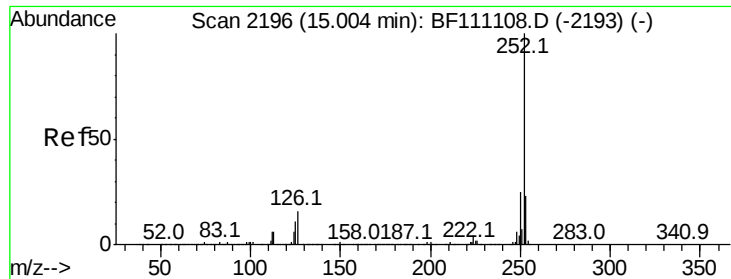
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 13.0 8.2 12.4#





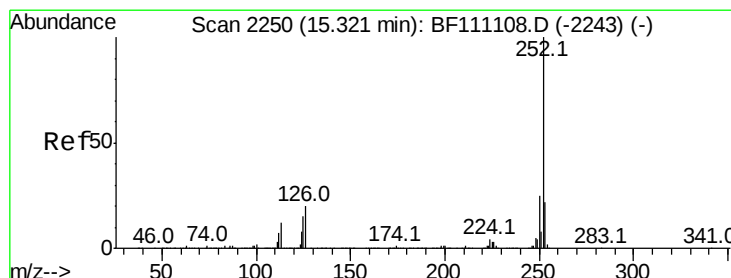
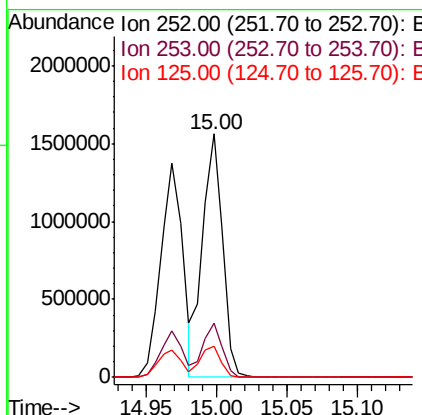
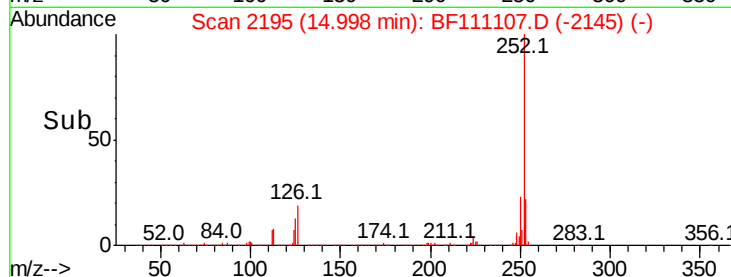
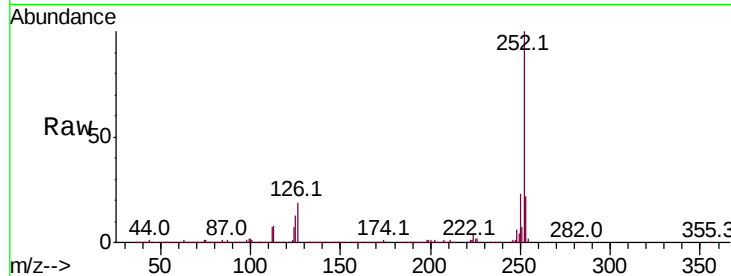
#89
Benzo(k)fluoranthene
Concen: 24.417 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:252 Resp: 1538129
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.8 7.4 11.0#

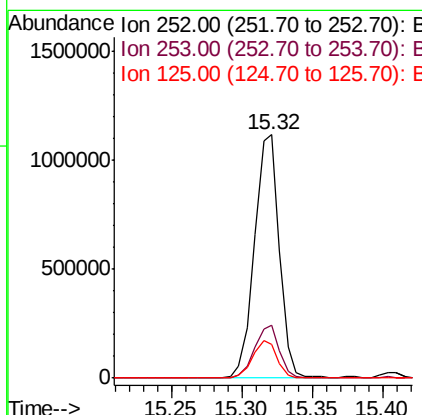
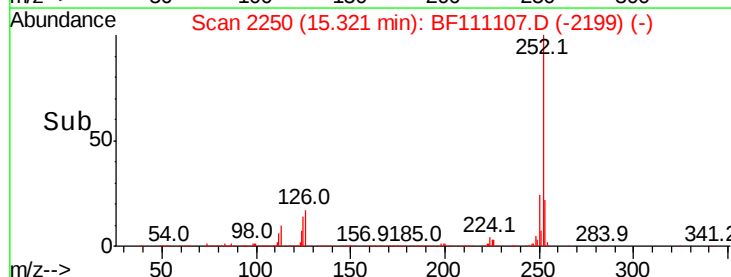
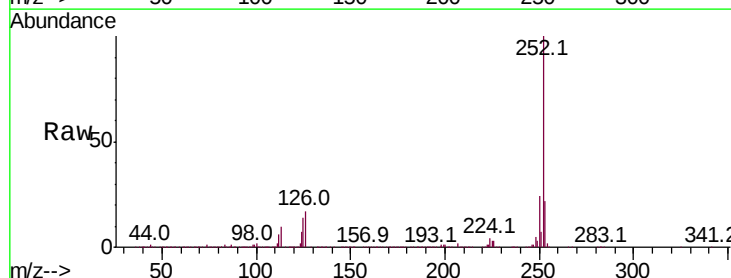
Manual Integrations
APPROVED

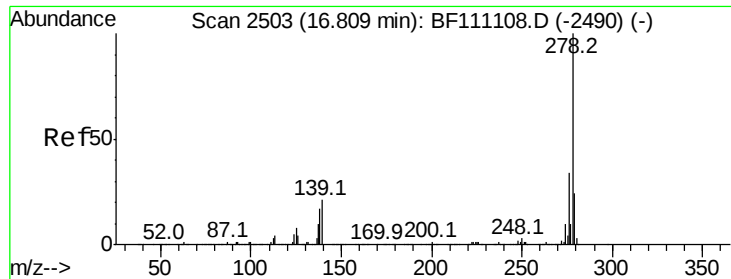
mohammad
12/6/2018 12:11:33 PM



#90
Benzo(a)pyrene
Concen: 24.382 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion:252 Resp: 1388969
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 13.7 9.0 13.6#





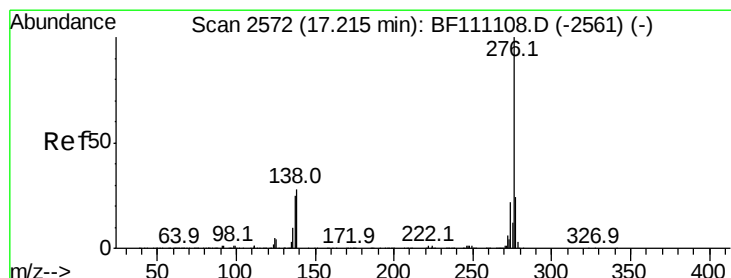
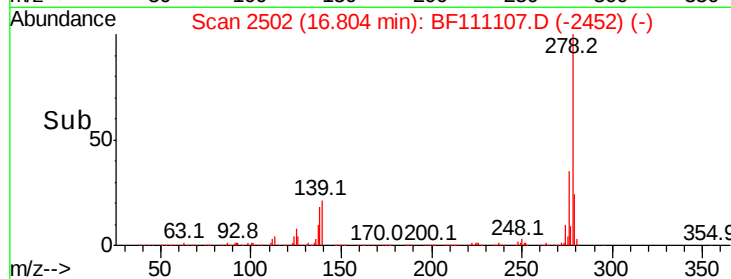
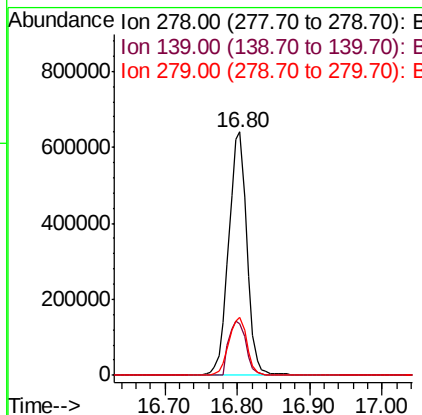
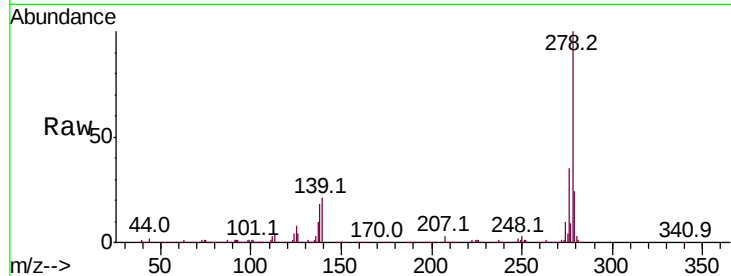
#91
Dibenzo(a,h)anthracene
Concen: 23.928 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:278 Resp: 1124665
Ion Ratio Lower Upper
278 100
139 21.0 12.7 19.1#
279 23.6 19.0 28.4

Manual Integrations
APPROVED

mohammad
12/6/2018 12:11:33 PM



#92
Benzo(g,h,i)perylene
Concen: 24.931 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF111107.D
Acq: 5 Dec 2018 14:22

Tgt Ion:276 Resp: 1129862
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 29.7 16.0 24.0#

