

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111110.D
 Acq On : 5 Dec 2018 15:45
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
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mohammad
 12/6/2018 12:11:38 PM

Quant Time: Dec 05 17:28:14 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	564706	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2310417	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	1071203	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1775368	20.00	ng	0.00
76) Chrysene-d12	13.96	240	984050	20.00	ng	0.00
87) Perylene-d12	15.39	264	923119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	3893438	114.33	ng	0.00
7) Phenol-d6	6.44	99	5080282	114.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	4588323	113.66	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	960979	90.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	6448318	87.21	ng	0.00
79) Terphenyl-d14	12.91	244	5430135	107.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	1208054	74.048	ng	# 82
3) Pyridine	3.28	79	2726561	76.322	ng	# 73
4) n-Nitrosodimethylamine	3.22	42	1365968	83.561	ng	# 85
6) Aniline	6.47	93	3493372	63.679	ng	# 54
8) 2-Chlorophenol	6.59	128	2289557	56.733	ng	91
9) Benzaldehyde	6.35	77	1313987	55.472	ng	98
10) Phenol	6.45	94	2845525m	56.937	ng	
11) bis(2-Chloroethyl)ether	6.55	93	2340594	62.165	ng	88
12) 1,3-Dichlorobenzene	6.75	146	2438033	54.991	ng	97
13) 1,4-Dichlorobenzene	6.83	146	2459055	53.936	ng	95
14) 1,2-Dichlorobenzene	6.98	146	2246192	52.346	ng	97
15) Benzyl Alcohol	6.95	79	2073802	60.809	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	4498494	75.075	ng	66
17) 2-Methylphenol	7.06	107	1966335	61.280	ng	# 83
18) Hexachloroethane	7.32	117	955265	56.960	ng	# 88
19) n-Nitroso-di-n-propylamine	7.23	70	1789023	61.889	ng	# 86
20) 3+4-Methylphenols	7.22	107	2240064	52.517	ng	# 85
22) Acetophenone	7.22	105	3060014	56.504	ng	# 83
24) Nitrobenzene	7.39	77	2429135	57.862	ng	93
25) Isophorone	7.63	82	4115793	62.152	ng	96
26) 2-Nitrophenol	7.70	139	1169019	57.316	ng	97
27) 2,4-Dimethylphenol	7.75	122	1888424	61.309	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	2741659	61.799	ng	98
29) 2,4-Dichlorophenol	7.95	162	1908277	59.205	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1882784	52.123	ng	95
31) Naphthalene	8.11	128	5378932	49.666	ng	# 90
32) Benzoic acid	7.88	122	1333243m	58.219	ng	
33) 4-Chloroaniline	8.16	127	2630361	57.062	ng	95
34) Hexachlorobutadiene	8.24	225	1020768	49.615	ng	100
35) Caprolactam	8.55	113	706677	64.220	ng	# 67
36) 4-Chloro-3-methylphenol	8.64	107	2058649	57.484	ng	99
37) 2-Methylnaphthalene	8.80	142	3709908	51.862	ng	97
38) 1-Methylnaphthalene	8.90	142	3601868	51.765	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1567964	46.531	ng	# 96

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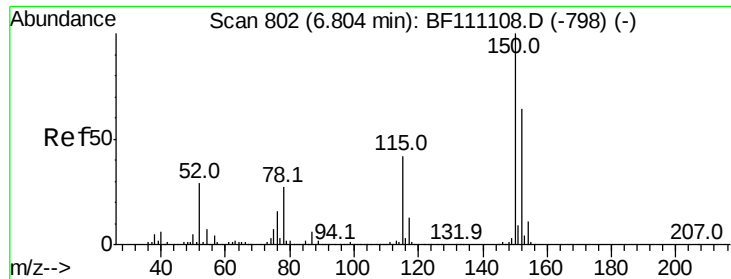
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	894270	263.738	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	1183832	58.822	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1226239	57.865	nq	95
46) 1,1'-Biphenyl	9.27	154	4524431	45.813	nq	87
47) 2-Chloronaphthalene	9.29	162	3674196	51.311	nq	92
48) 2-Nitroaniline	9.38	65	1340789	59.864	nq	99
49) Acenaphthylene	9.71	152	5181812	50.891	nq #	90
50) Dimethylphthalate	9.57	163	3984074	50.712	nq	97
51) 2,6-Dinitrotoluene	9.63	165	987714	56.474	nq	97
52) Acenaphthene	9.88	154	3399912	52.086	nq	96
53) 3-Nitroaniline	9.79	138	1230681	60.374	nq	97
54) 2,4-Dinitrophenol	9.89	184	291894	52.503	nq	91
55) Dibenzofuran	10.05	168	4681314	49.159	nq	91
56) 4-Nitrophenol	9.95	139	921149	90.607	nq	93
57) 2,4-Dinitrotoluene	10.03	165	1260577	55.553	nq	96
58) Fluorene	10.39	166	3333530	44.993	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	890835m	51.223	nq	
60) Diethylphthalate	10.27	149	4058919	50.101	nq	96
61) 4-Chlorophenyl-phenylether	10.39	204	1660193	42.841	nq	94
62) 4-Nitroaniline	10.41	138	1121384	59.084	nq	91
63) Azobenzene	10.55	77	4267909	54.048	nq	88
65) 4,6-Dinitro-2-methylphenol	10.43	198	485643	57.828	nq #	56
66) n-Nitrosodiphenylamine	10.50	169	3432219	58.073	nq	90
67) 4-Bromophenyl-phenylether	10.87	248	1068477	55.261	nq #	90
68) Hexachlorobenzene	10.94	284	1099411	53.383	nq #	82
69) Atrazine	11.03	200	582012	38.266	nq	98
70) Pentachlorophenol	11.13	266	734398	89.630	nq	100
71) Phenanthrene	11.35	178	4629231m	49.232	nq	
72) Anthracene	11.40	178	4643070	48.487	nq #	92
73) Carbazole	11.55	167	4880153	52.506	nq #	90
74) Di-n-butylphthalate	11.89	149	5354957	49.277	nq #	93
75) Fluoranthene	12.53	202	4528777	46.862	nq	91
77) Benzidine	12.65	184	1176309	46.734	nq	100
78) Pyrene	12.76	202	4585492	63.800	nq	92
80) Butylbenzylphthalate	13.39	149	2352227	72.490	nq	96
81) Benzo(a)anthracene	13.94	228	3262369	56.154	nq	96
82) 3,3'-Dichlorobenzidine	13.91	252	1193306	59.903	nq	100
83) Chrysene	13.99	228	3213422	56.187	nq	96
84) Bis(2-ethylhexyl)phthalate	13.95	149	2658726	61.491	nq	93
85) Di-n-octyl phthalate	14.56	149	4098268	60.046	nq #	83
86) Indeno(1,2,3-cd)pyrene	16.80	276	2963846m	72.197	nq	
88) Benzo(b)fluoranthene	14.97	252	3084317	56.875	nq #	95
89) Benzo(k)fluoranthene	15.00	252	2579873	46.219	nq #	93
90) Benzo(a)pyrene	15.33	252	2746697	54.413	nq #	96
91) Dibenzo(a,h)anthracene	16.82	278	2465608	59.200	nq #	94
92) Benzo(g,h,i)perylene	17.23	276	2505943	62.403	nq #	92

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



#1

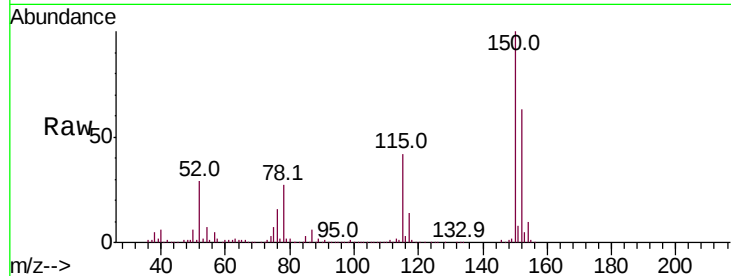
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	66.7	49.1	73.7

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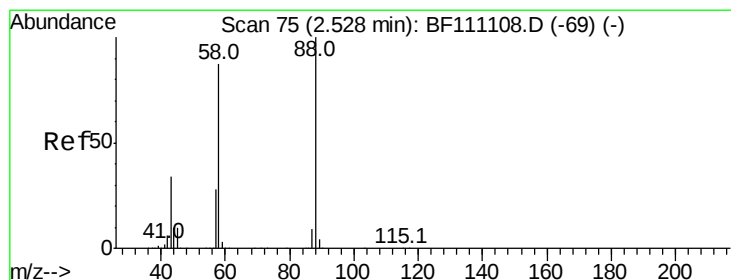
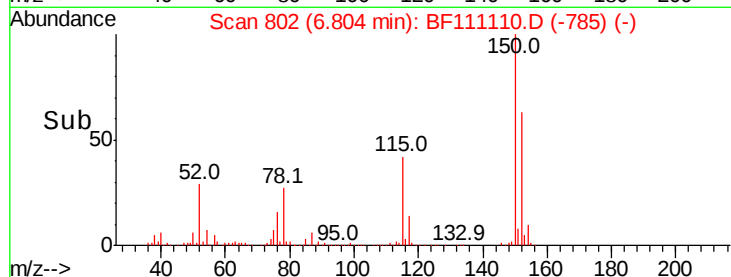
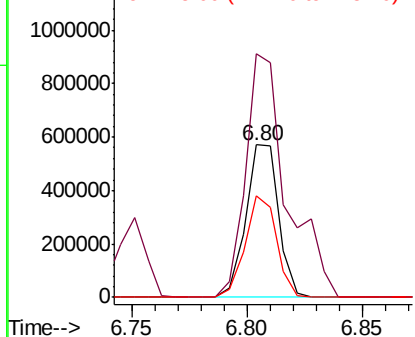


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

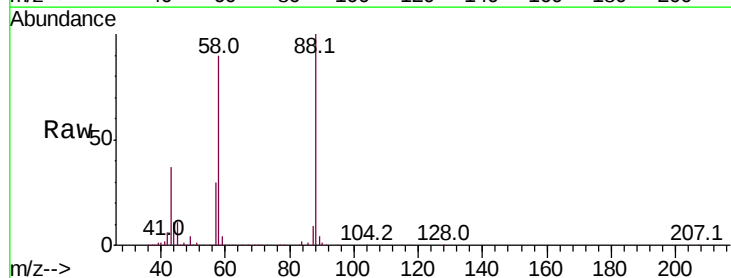
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 74.048 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	57.1	85.7#
43	36.5	24.1	36.1#

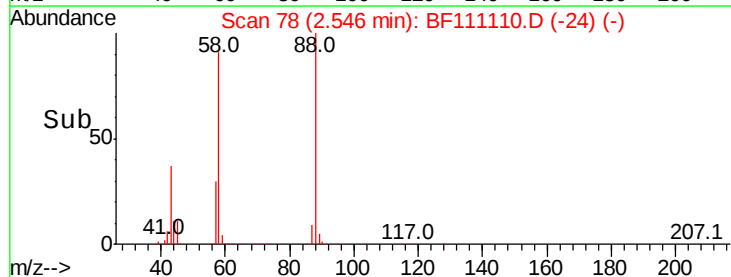
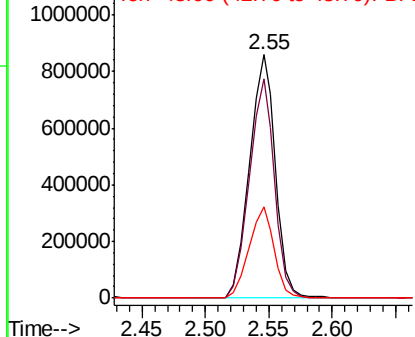


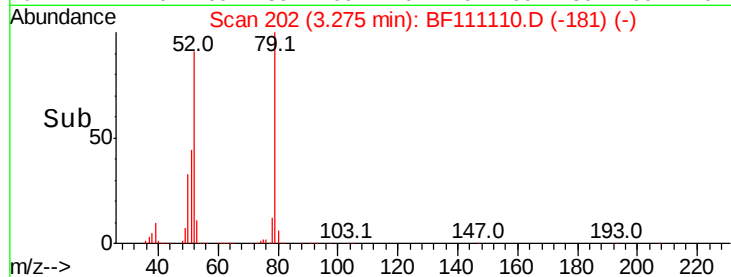
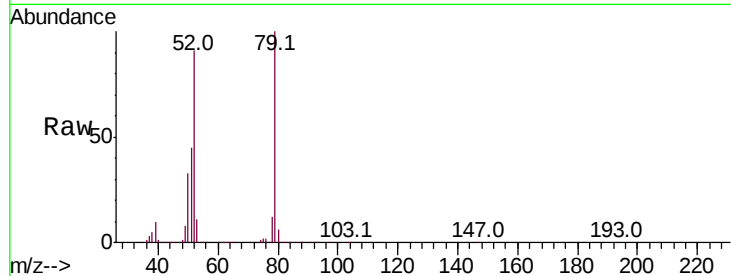
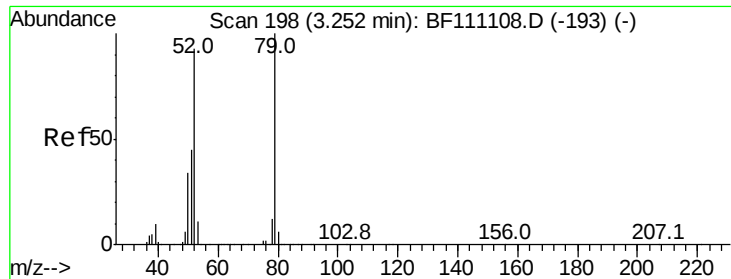
Abundance

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





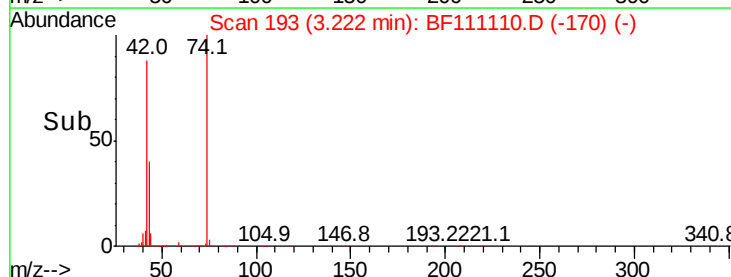
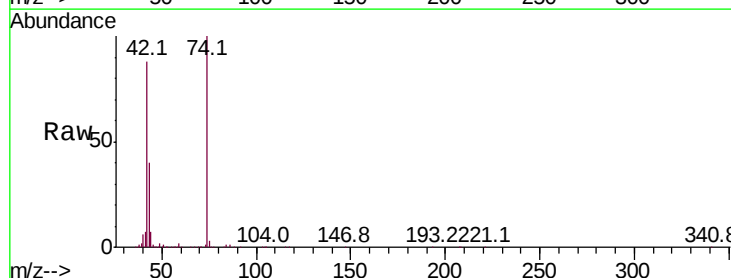
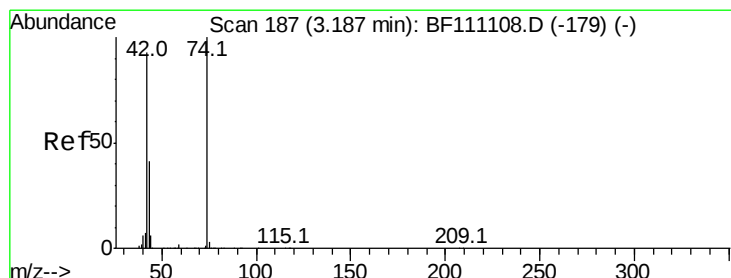
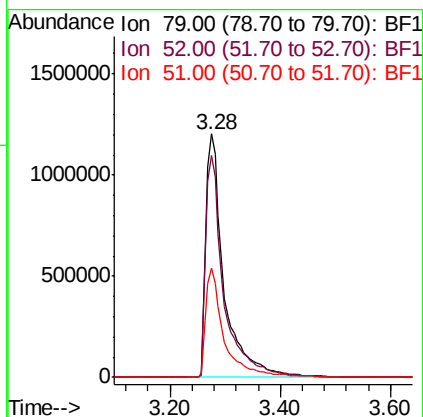
#3
 Pvridine
 Concen: 76.322 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.02 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tot Ion: 79 Resp: 2726561
 Ion Ratio Lower Upper
 79 100
 52 91.2 53.1 79.7#
 51 44.6 27.4 41.2#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

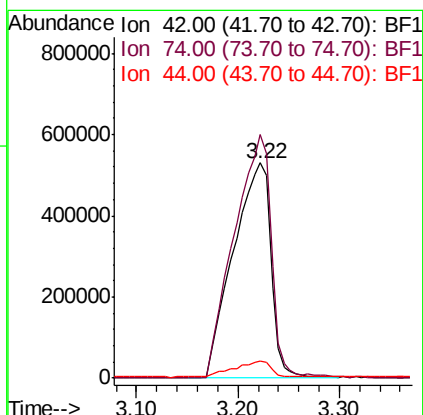
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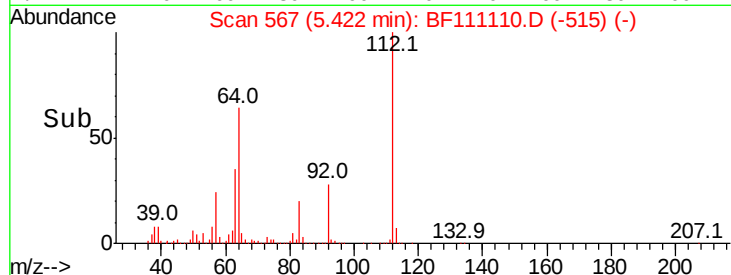
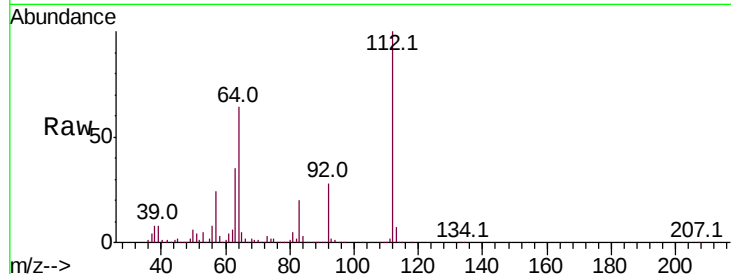
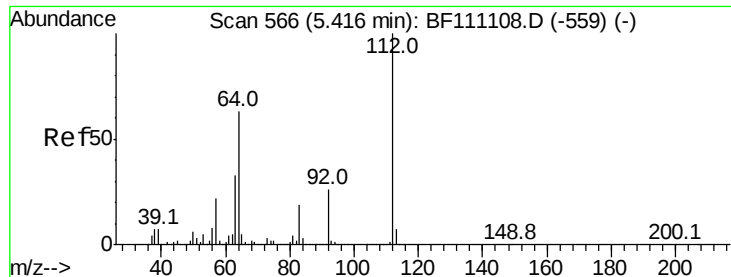
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#4
 n-Nitrosodimethylamine
 Concen: 83.561 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.04 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion: 42 Resp: 1365968
 Ion Ratio Lower Upper
 42 100
 74 113.2 105.5 158.3
 44 7.9 4.9 7.3#





#5

2-Fluorophenol

Concen: 114.335 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Tot Ion: 112 Resp: 3893438

Ion Ratio Lower Upper

112 100

64 64.3 44.1 66.1

63 35.3 23.7 35.5

Instrument :

BNA_F

ClientSampleId :

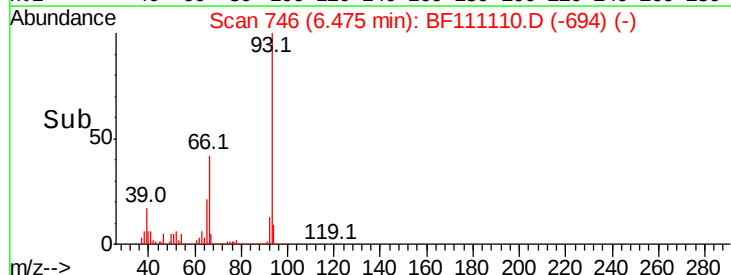
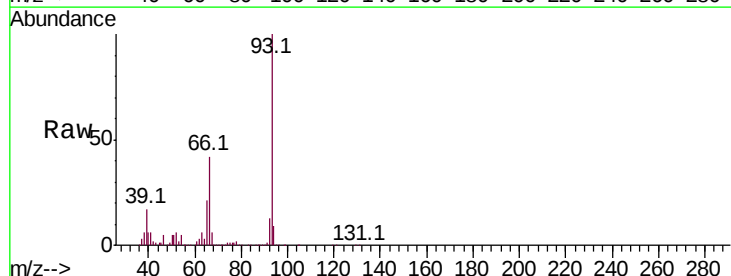
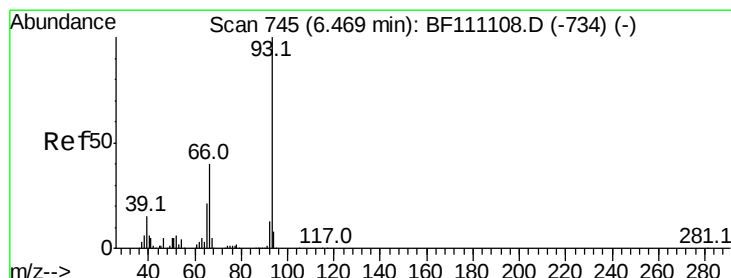
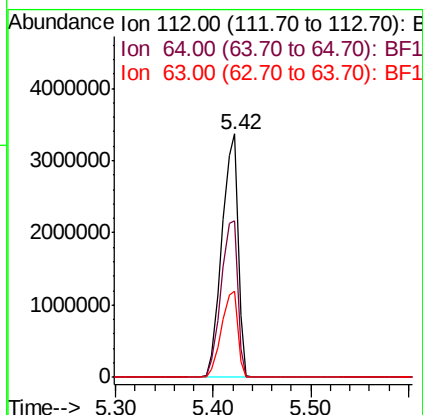
SSTDICC060

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#6

Aniline

Concen: 63.679 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

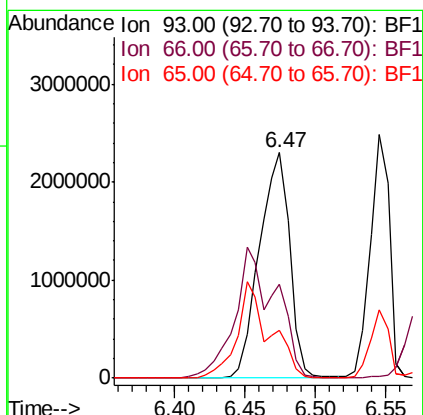
Tgt Ion: 93 Resp: 3493372

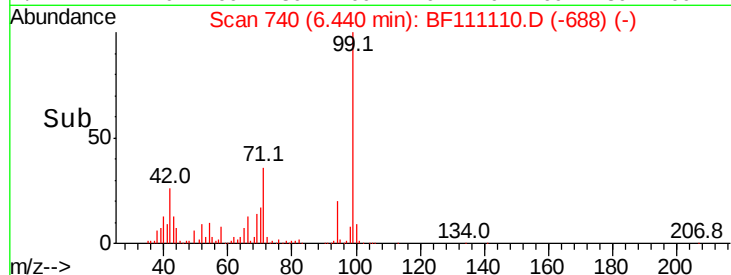
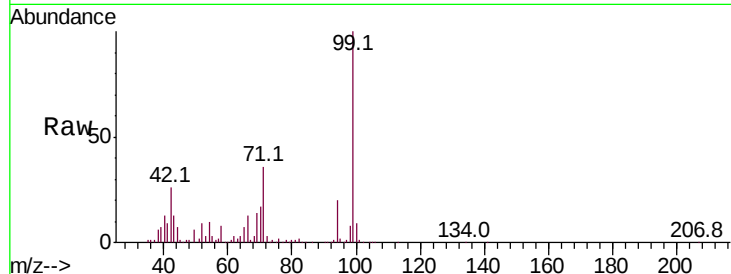
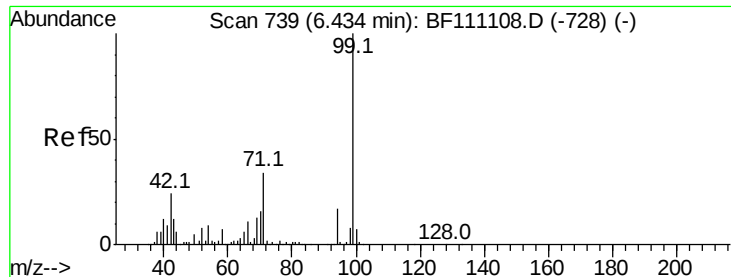
Ion Ratio Lower Upper

93 100

66 41.5 67.4 101.0#

65 21.2 41.0 61.4#





#7

Phenol-d6

Concen: 114.481 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Tot Ion: 99 Resp: 5080282

Ion Ratio Lower Upper

99 100

42 25.8 15.8 23.6#

71 36.2 28.0 42.0

Instrument :

BNA_F

ClientSampleId :

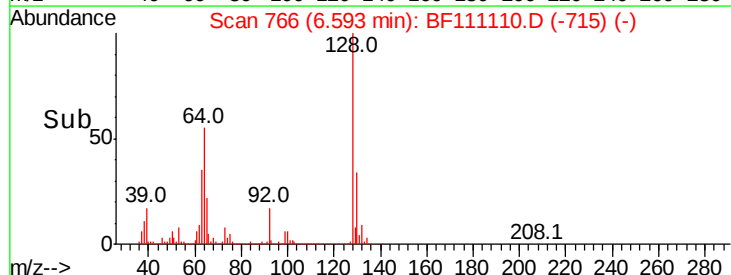
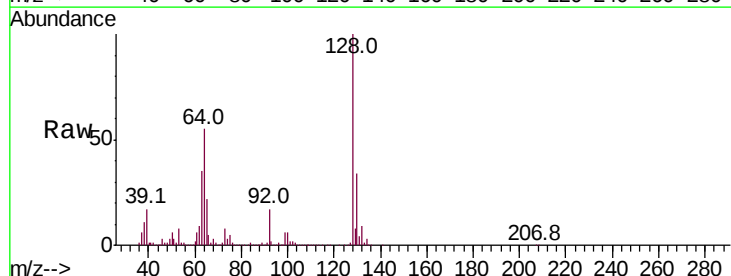
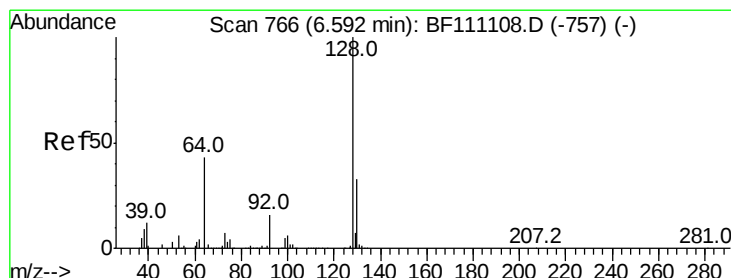
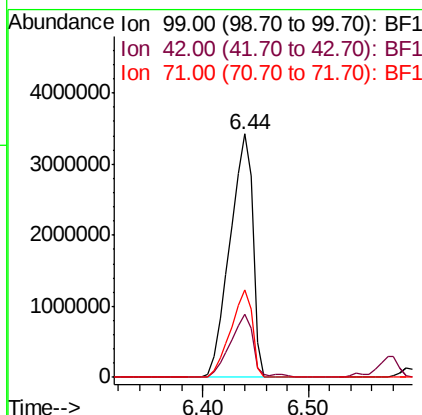
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#8

2-Chlorophenol

Concen: 56.733 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

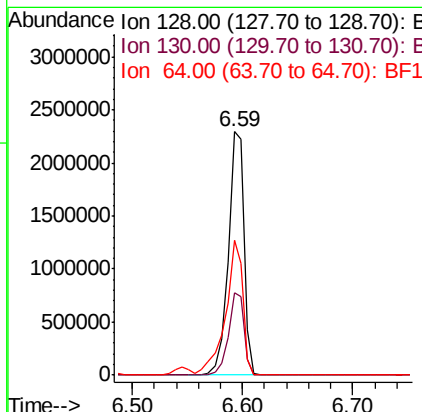
Tgt Ion:128 Resp: 2289557

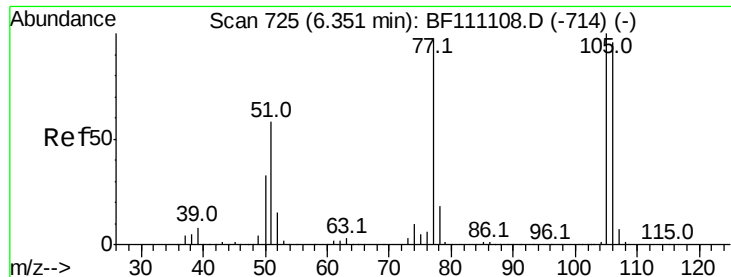
Ion Ratio Lower Upper

128 100

130 33.8 13.1 53.1

64 55.3 26.0 66.0





#9

Benzaldehyde

Concen: 55.472 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 1313987

Ion Ratio Lower Upper

77 100

105 99.9 78.6 118.6

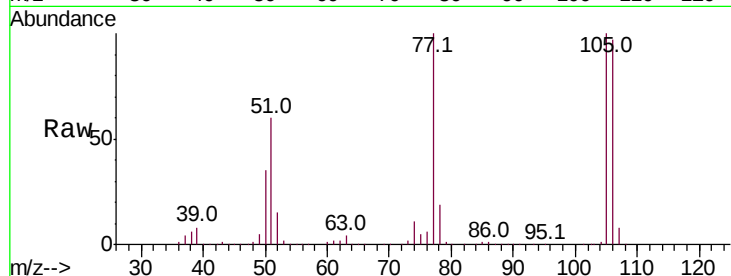
106 97.1 74.8 114.8

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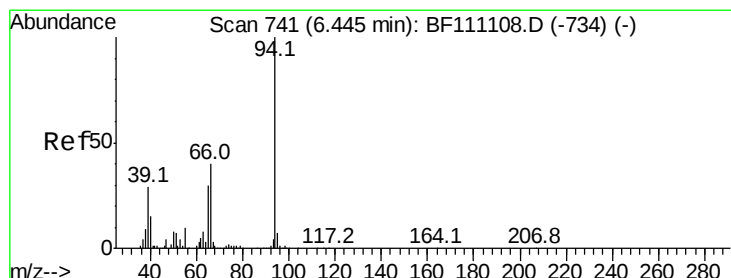
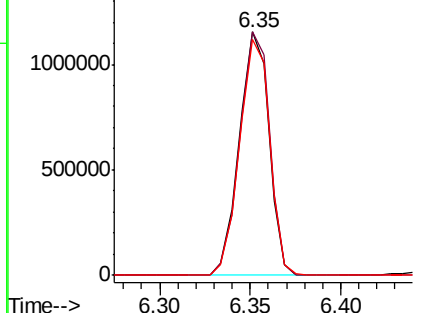
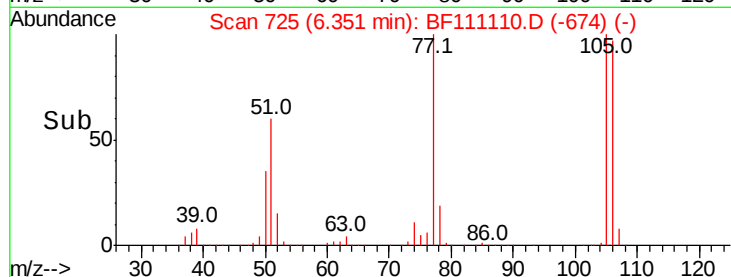
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 56.937 ng m

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

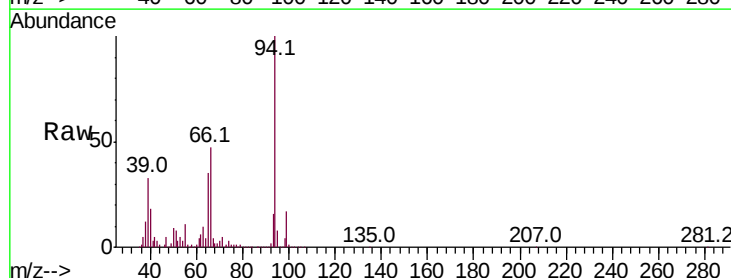
Tgt Ion: 94 Resp: 2845525

Ion Ratio Lower Upper

94 100

65 35.0 25.3 65.3

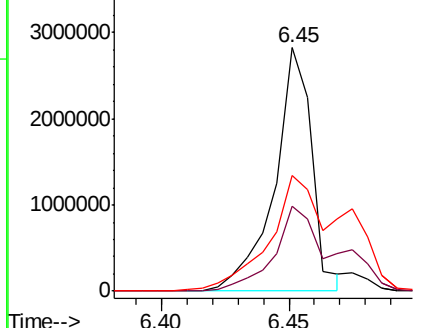
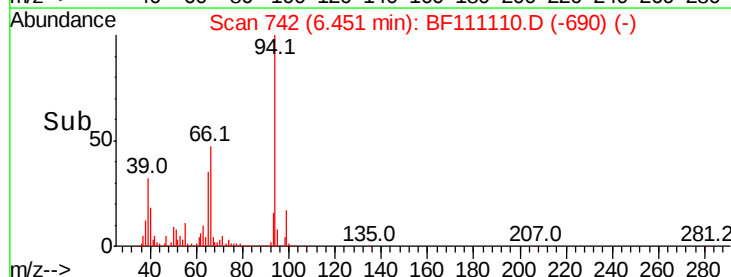
66 47.4 54.5 94.5#

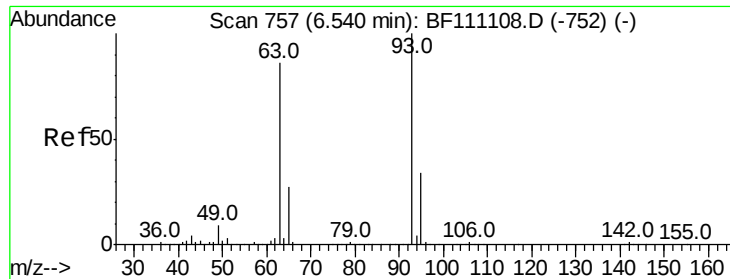


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





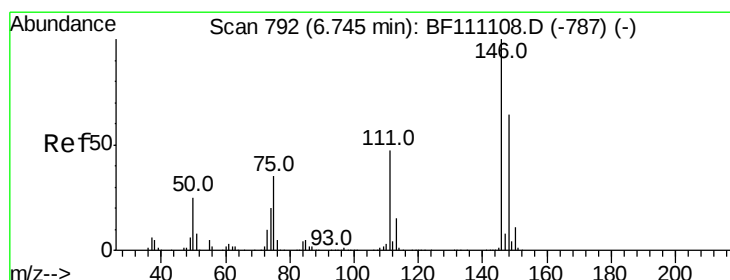
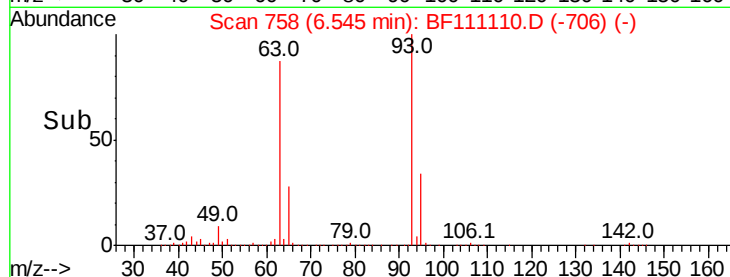
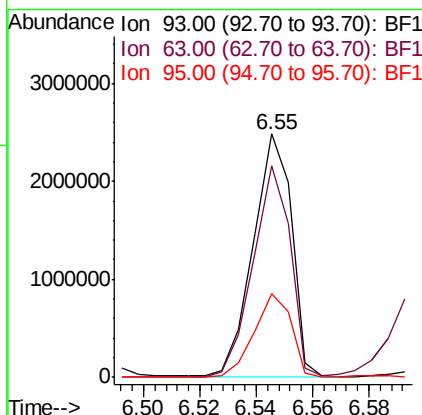
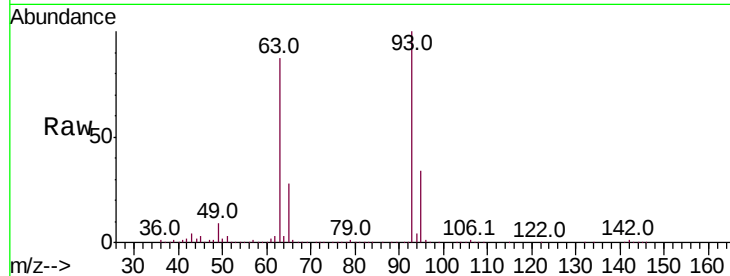
#11
bis(2-Chloroethyl)ether
Concen: 62.165 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion: 93 Resp: 2340594
Ion Ratio Lower Upper
93 100
63 86.9 53.4 93.4
95 34.4 12.1 52.1

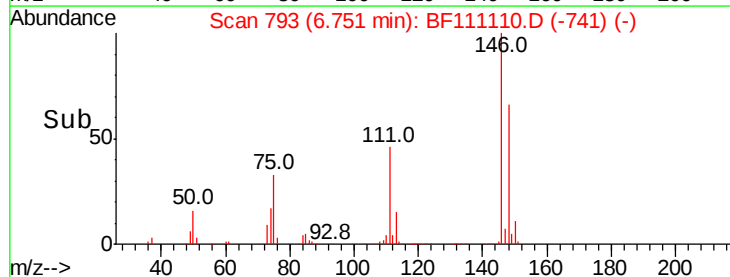
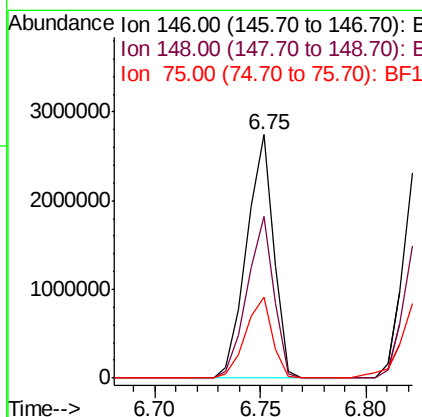
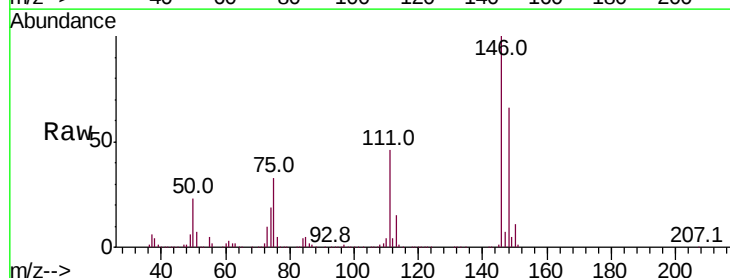
Manual Integrations
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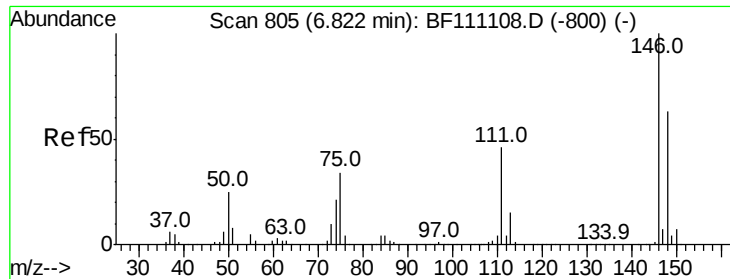
mohammad
12/6/2018 12:11:38 PM



#12
1,3-Dichlorobenzene
Concen: 54.991 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion: 146 Resp: 2438033
Ion Ratio Lower Upper
146 100
148 66.4 50.4 75.6
75 33.1 25.8 38.6





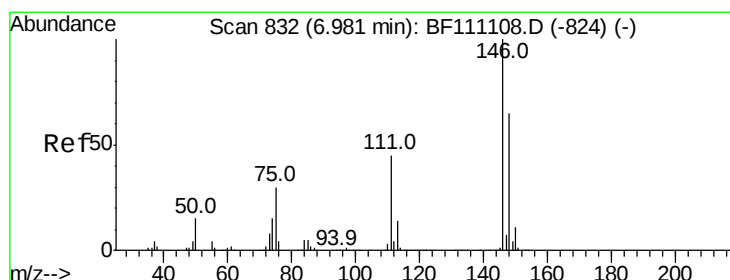
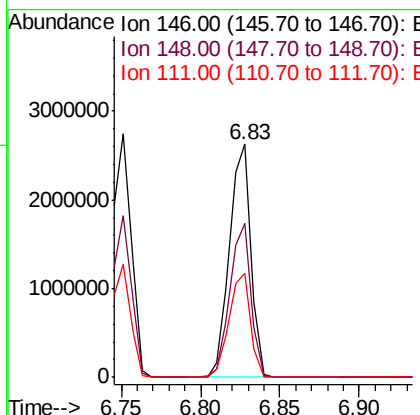
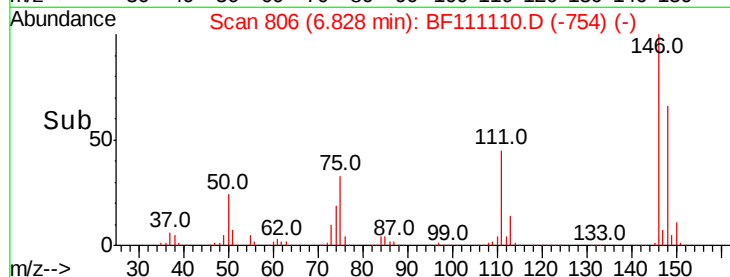
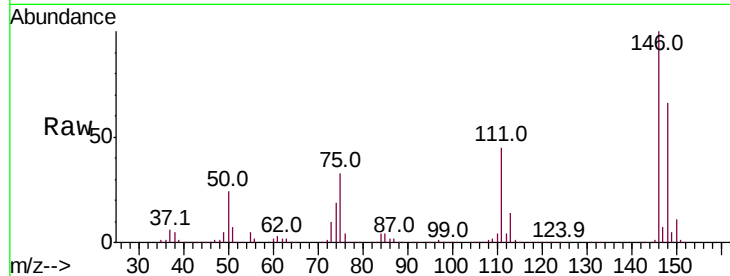
#13
 1,4-Dichlorobenzene
 Concen: 53.936 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:146 Resp: 2459055
 Ion Ratio Lower Upper
 146 100
 148 66.3 50.3 75.5
 111 44.9 32.7 49.1

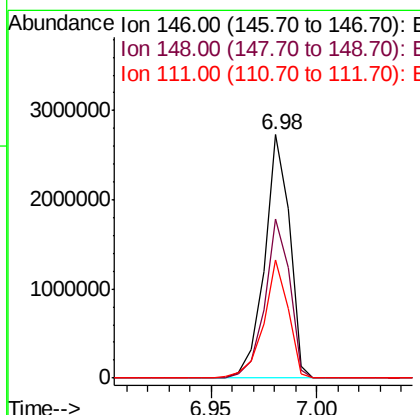
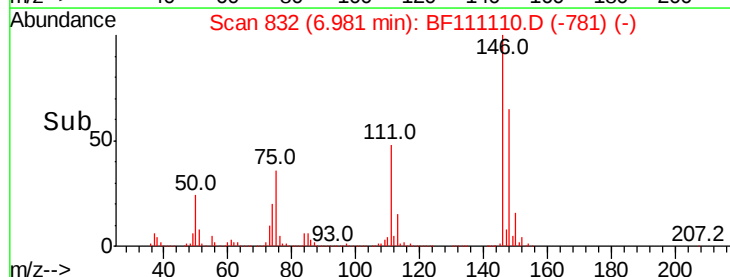
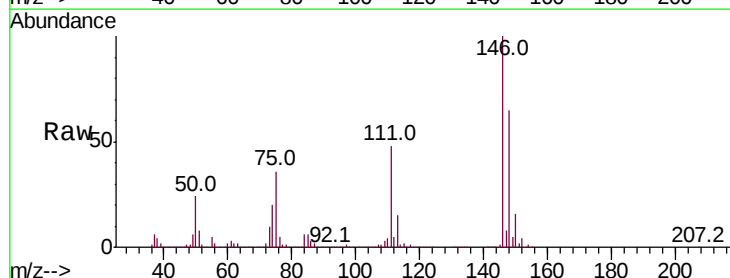
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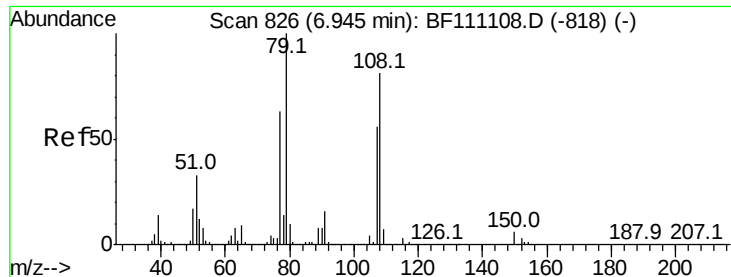
mohammad
 12/6/2018 12:11:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 52.346 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion:146 Resp: 2246192
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 48.5 35.8 53.6





#15

Benzyl Alcohol

Concen: 60.809 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 2073802

Ion Ratio Lower Upper

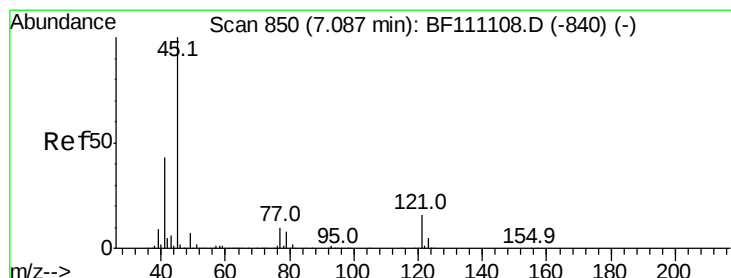
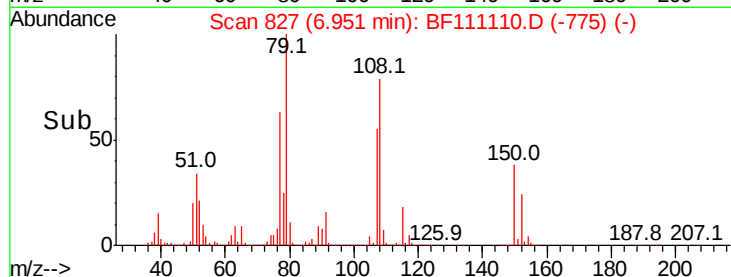
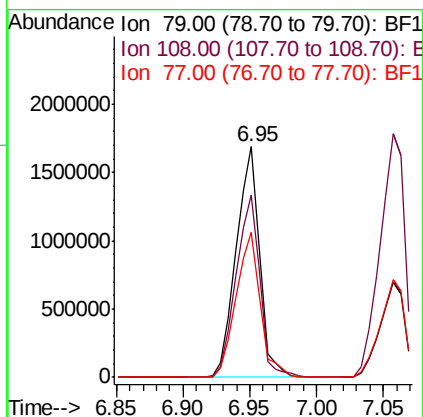
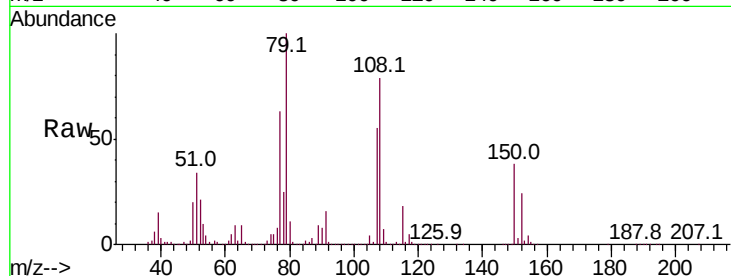
79 100

108 78.8 56.3 84.5

77 63.0 52.9 79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 75.075 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

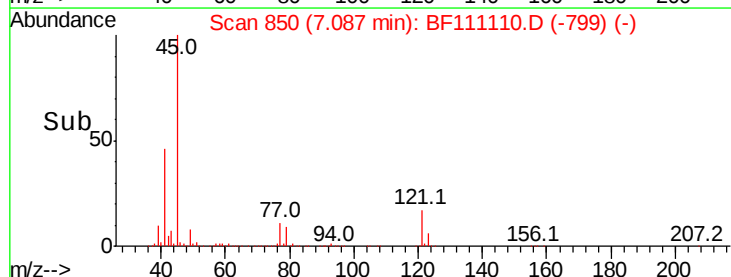
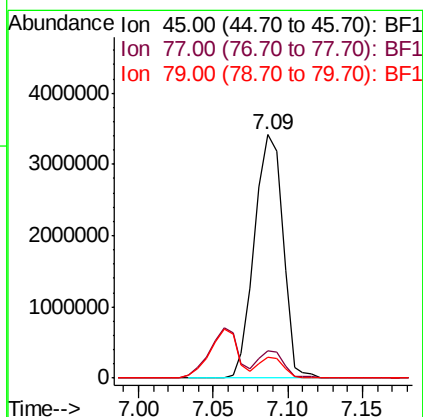
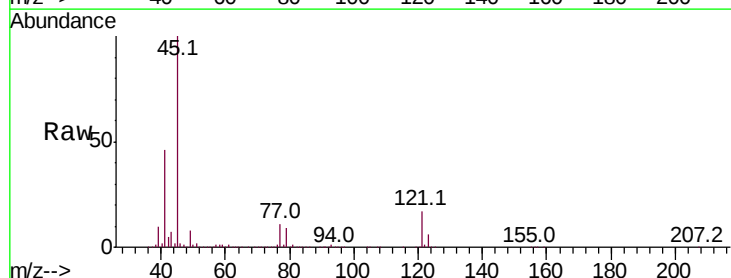
Tgt Ion: 45 Resp: 4498494

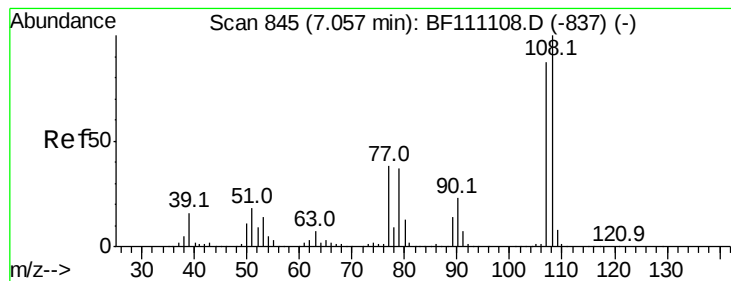
Ion Ratio Lower Upper

45 100

77 11.3 10.0 50.0

79 8.7 6.1 46.1





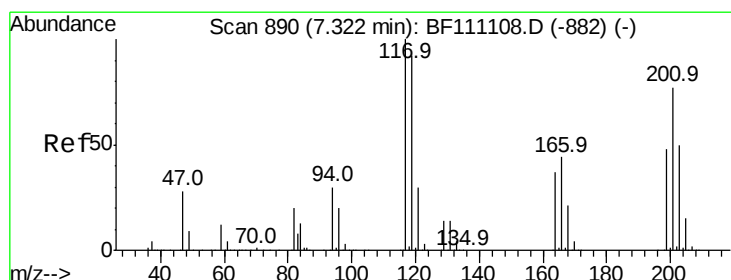
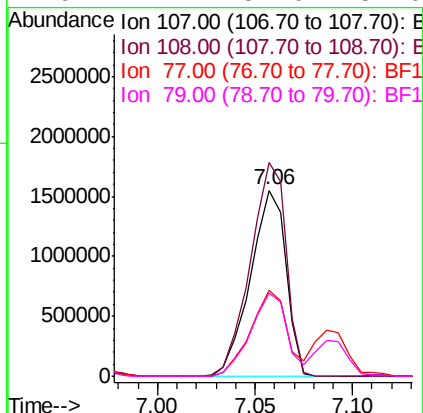
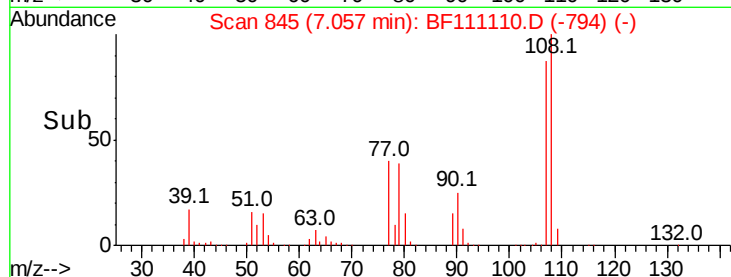
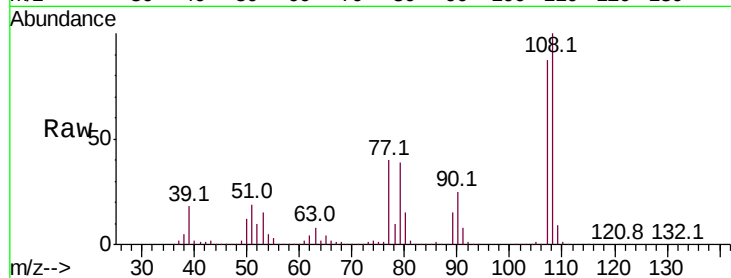
#17
2-Methylphenol
Concen: 61.280 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.6	138.8
77	45.9	59.4	89.2#
79	44.7	54.0	81.0#

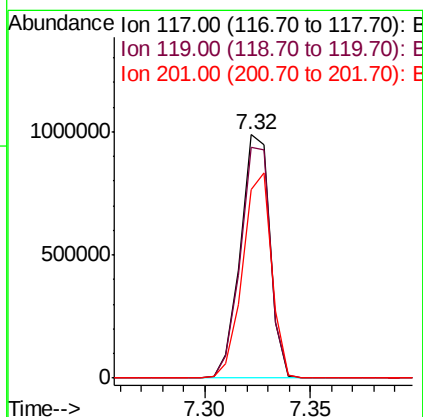
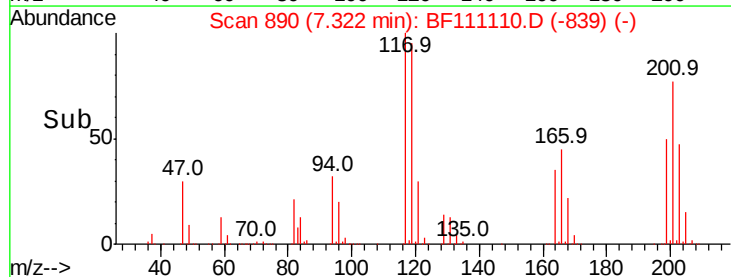
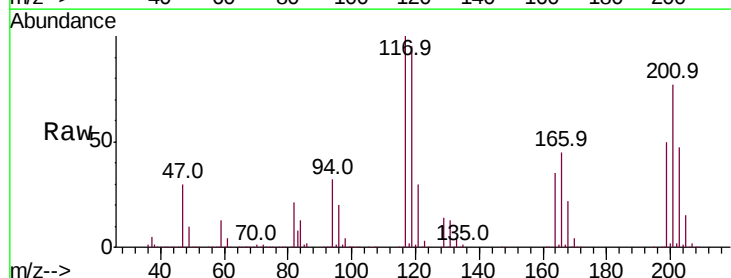
Manual Integrations
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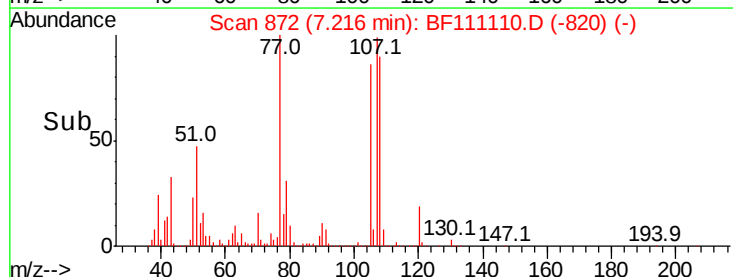
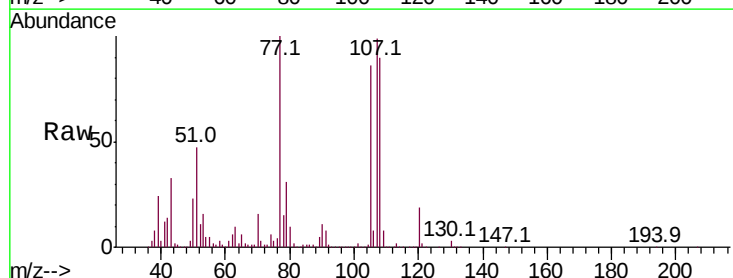
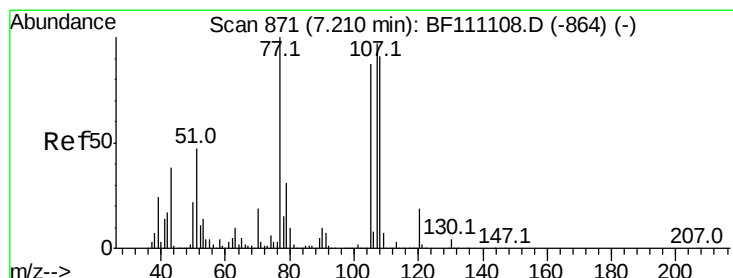
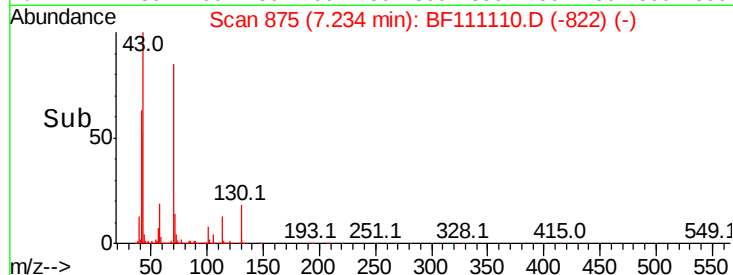
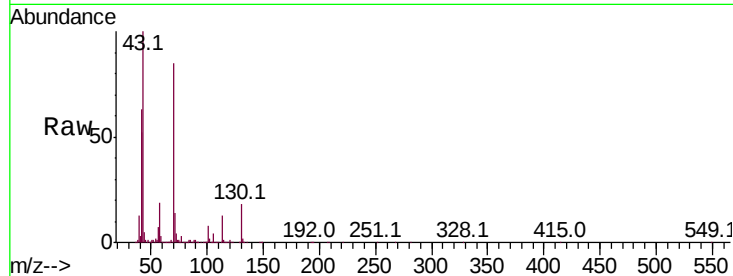
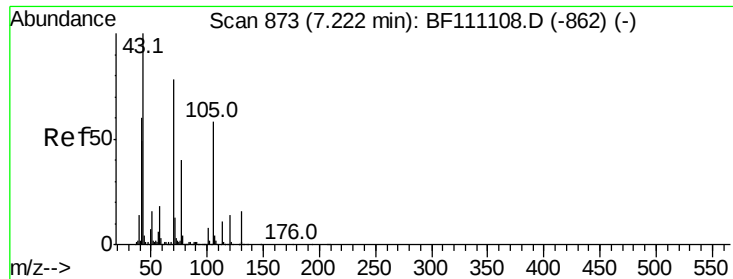
mohammad
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#18
Hexachloroethane
Concen: 56.960 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.6
201	77.4	79.2	118.8#





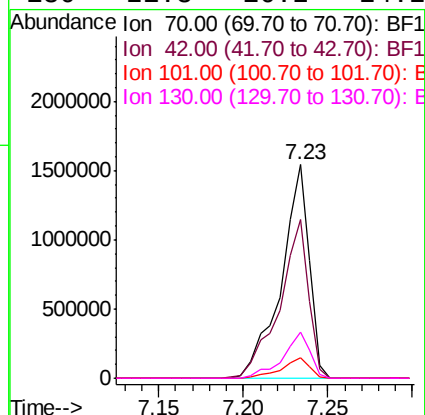
#19
n-Nitroso-di-n-propylamine
Concen: 61.889 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.3	47.4	71.2#
101	9.6	7.3	10.9
130	21.3	16.2	24.2

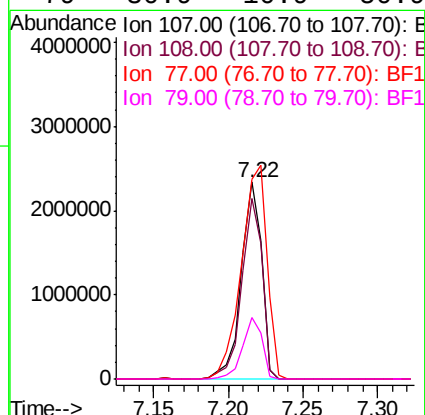
Manual Integrations
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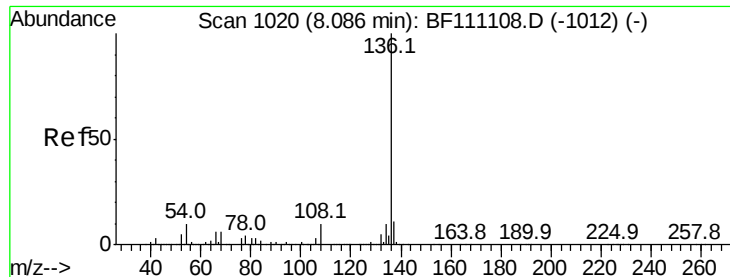
mohammad
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#20
3+4-Methylphenols
Concen: 52.517 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.4	111.4
77	101.4	47.3	87.3#
79	30.9	10.9	50.9





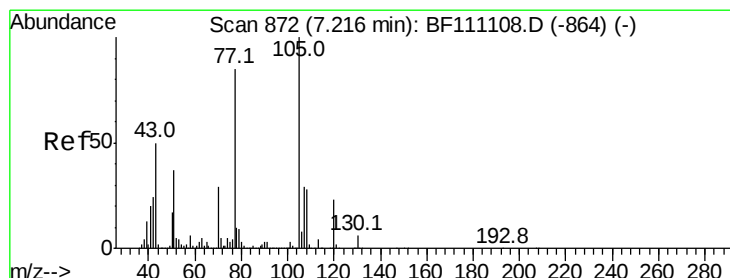
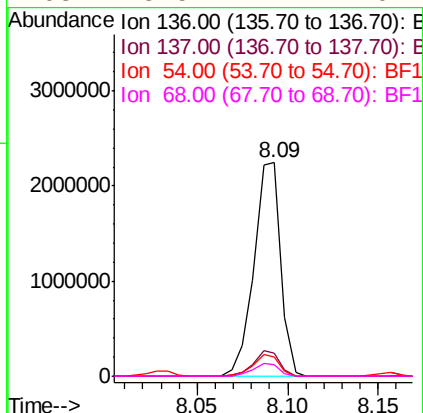
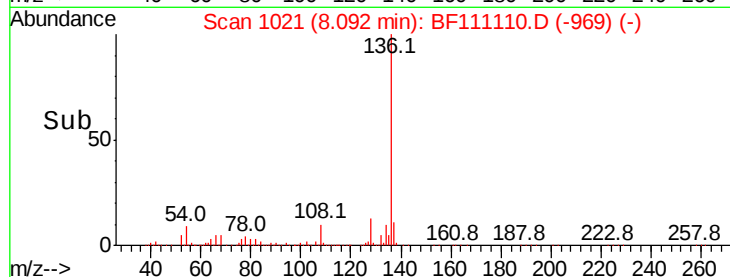
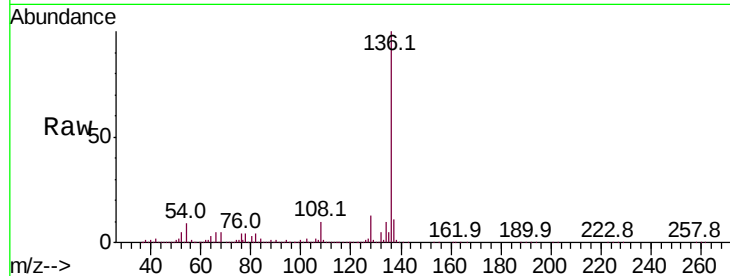
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	5.4	8.2#
68	5.5	4.2	6.2

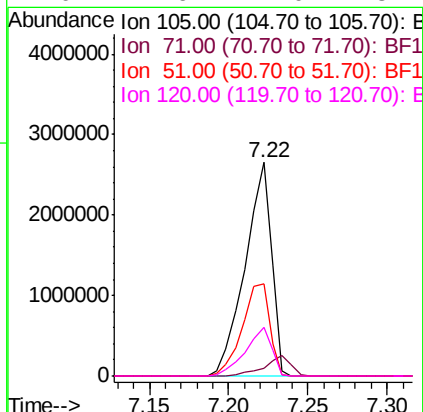
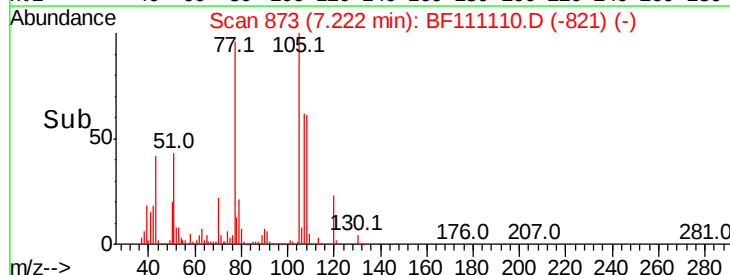
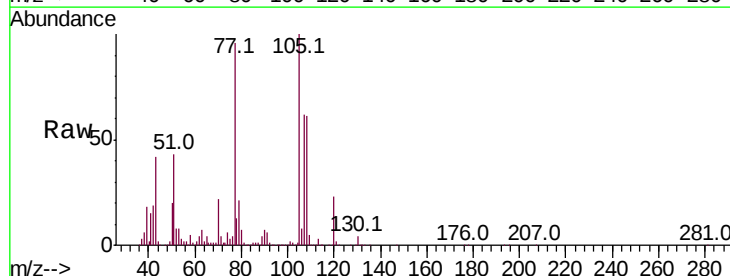
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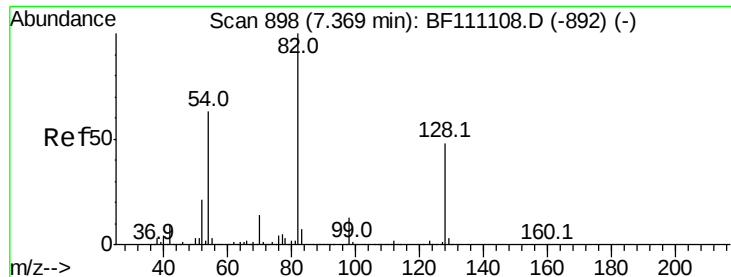
mohammad
12/6/2018 12:11:38 PM



#22
Acetophenone
Concen: 56.504 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.7	5.2	7.8#
51	43.1	21.8	32.8#
120	22.6	17.0	25.4





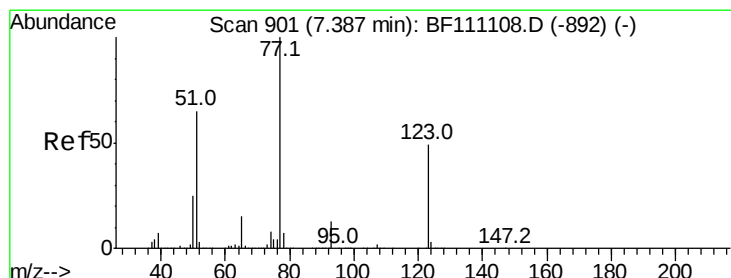
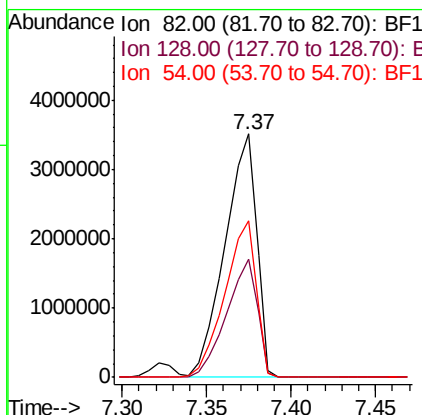
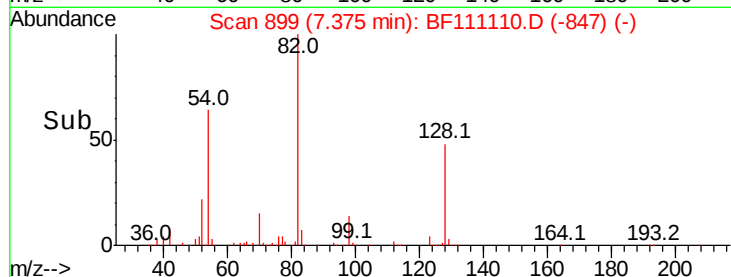
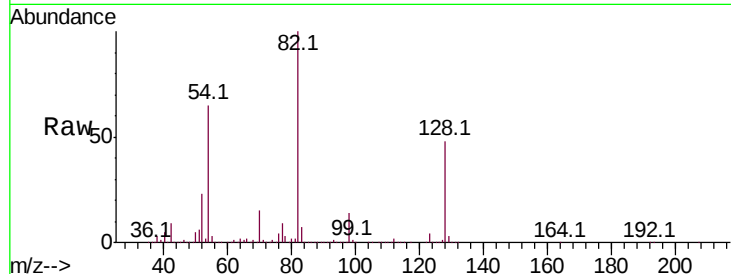
#23
Nitrobenzene-d5
Concen: 113.656 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion: 82 Resp: 4588323
Ion Ratio Lower Upper
82 100
128 48.4 34.2 51.2
54 64.6 38.6 58.0#

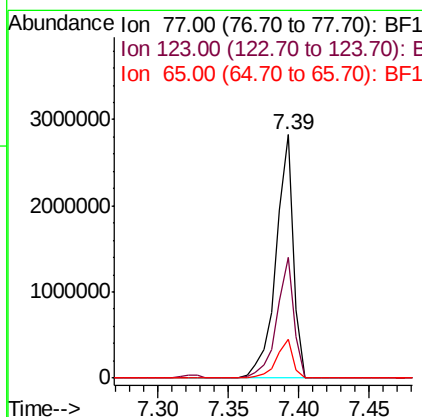
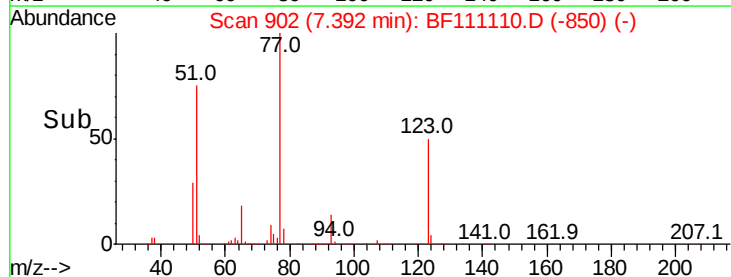
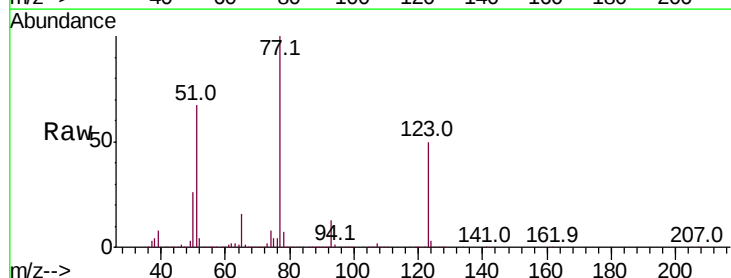
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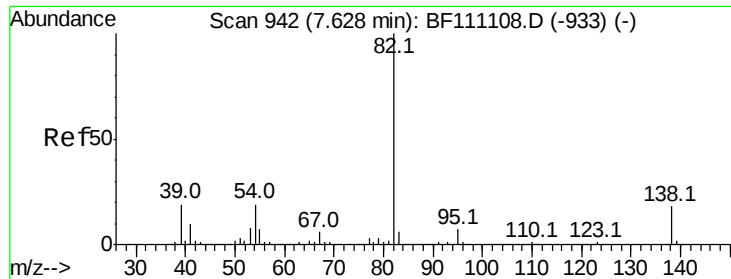
mohammad
12/6/2018 12:11:38 PM



#24
Nitrobenzene
Concen: 57.862 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion: 77 Resp: 2429135
Ion Ratio Lower Upper
77 100
123 49.8 35.7 53.5
65 15.8 10.7 16.1





#25

Isophorone

Concen: 62.152 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 4115793

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

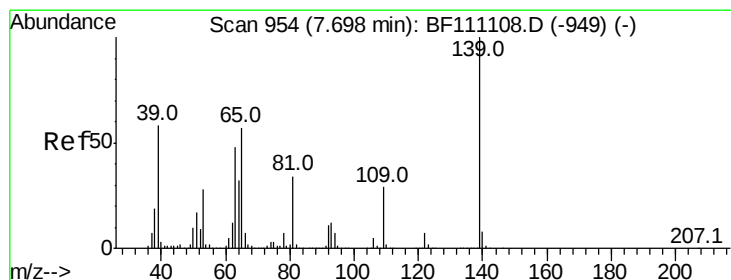
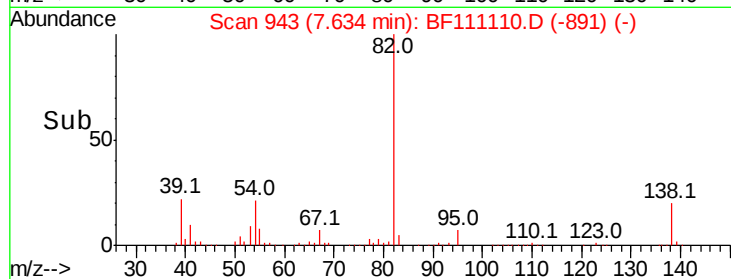
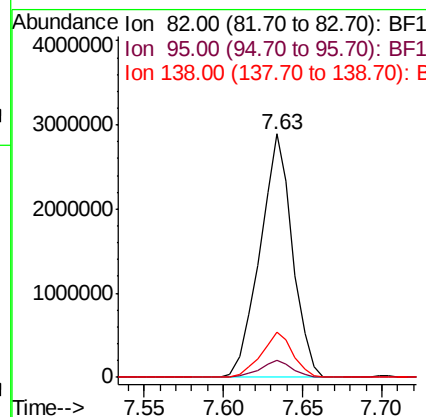
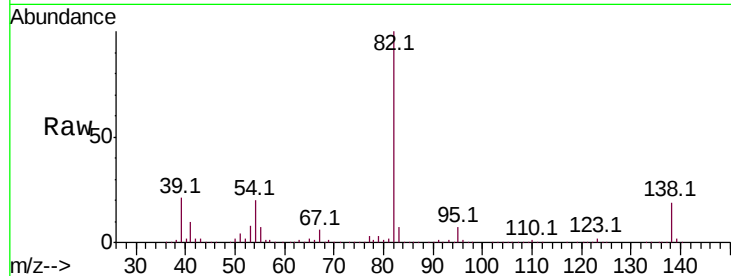
138 18.8 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 57.316 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

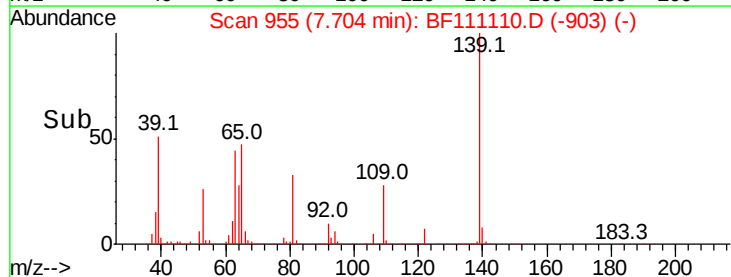
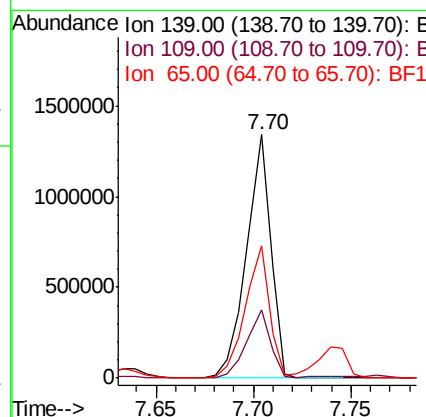
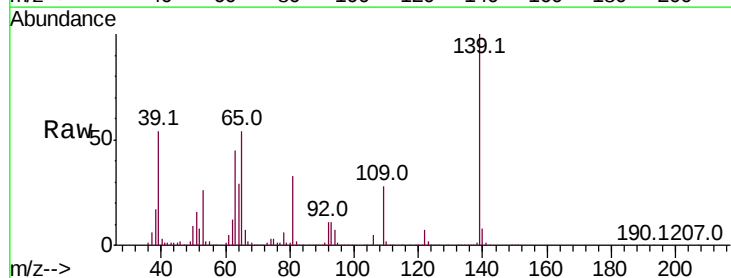
Tgt Ion: 139 Resp: 1169019

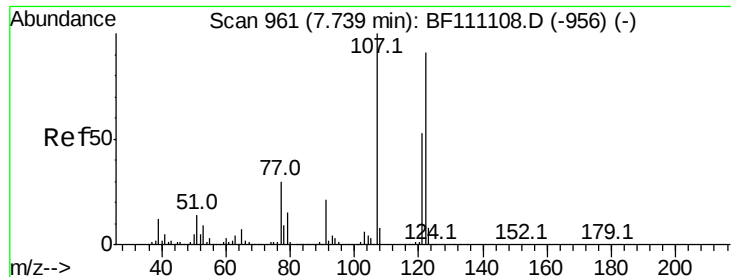
Ion Ratio Lower Upper

139 100

109 28.1 25.0 37.6

65 54.2 44.0 66.0





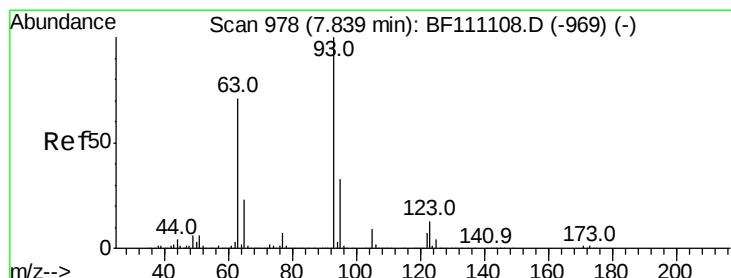
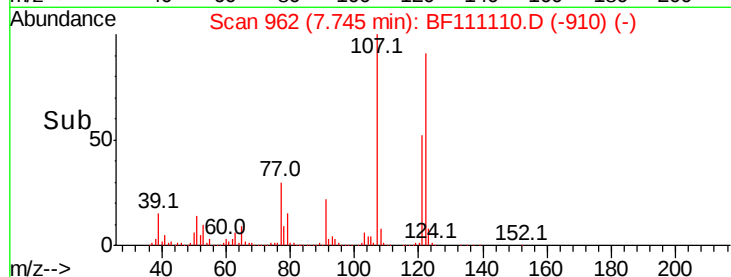
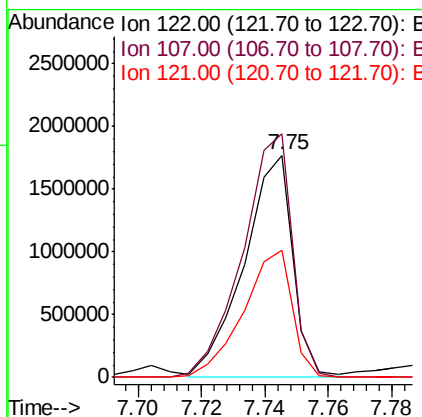
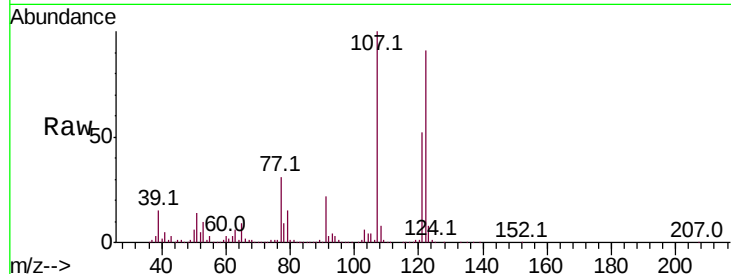
#27
 2,4-Dimethylphenol
 Concen: 61.309 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:122 Resp: 1888424
 Ion Ratio Lower Upper
 122 100
 107 109.6 92.5 138.7
 121 57.5 45.8 68.8

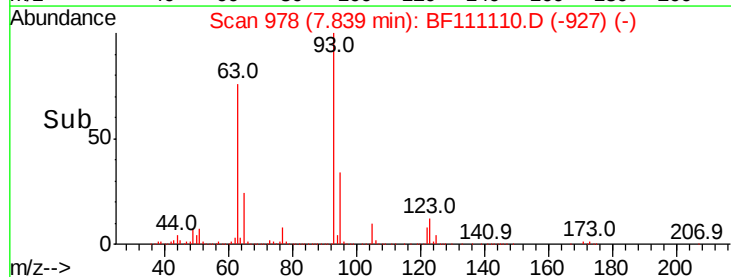
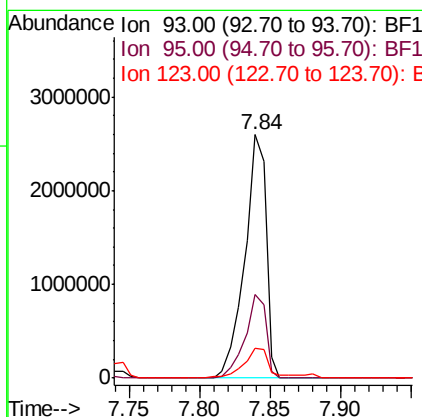
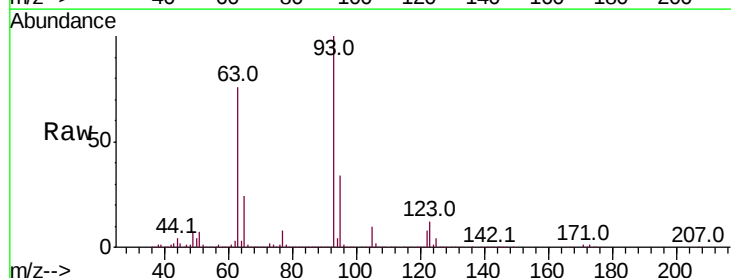
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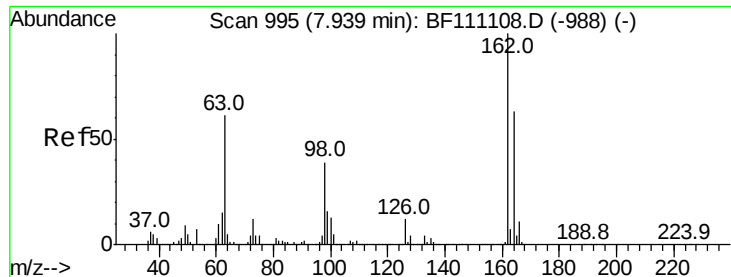
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#28
 bis(2-Chloroethoxy)methane
 Concen: 61.799 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion: 93 Resp: 2741659
 Ion Ratio Lower Upper
 93 100
 95 34.2 26.4 39.6
 123 12.5 9.0 13.6





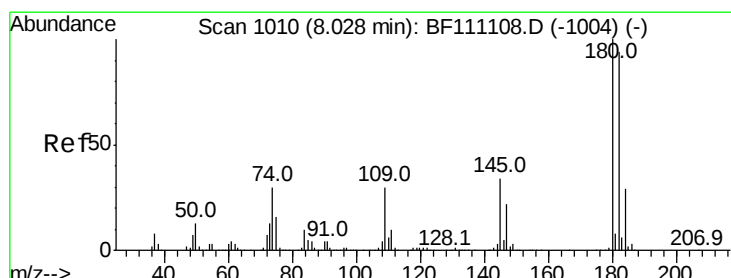
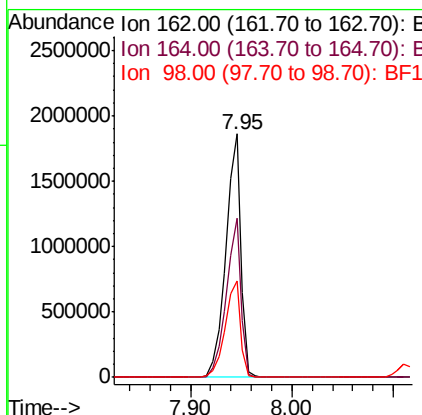
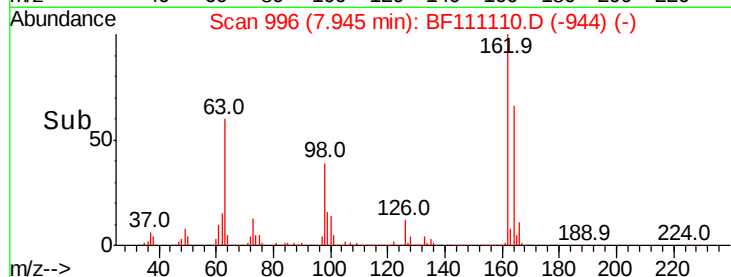
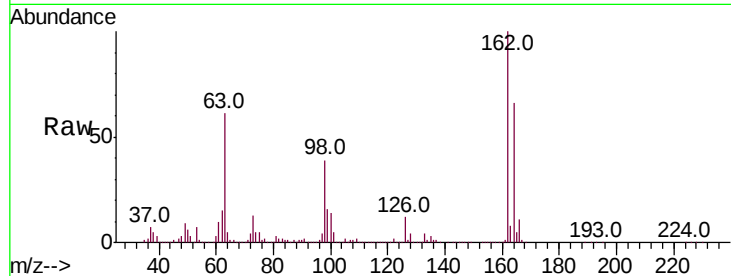
#29
2,4-Dichlorophenol
Concen: 59.205 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleID :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.6	84.6
98	39.4	17.4	57.4

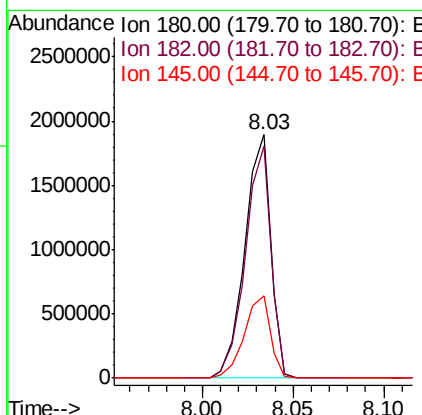
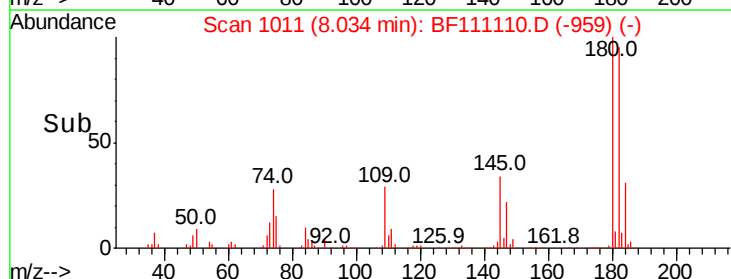
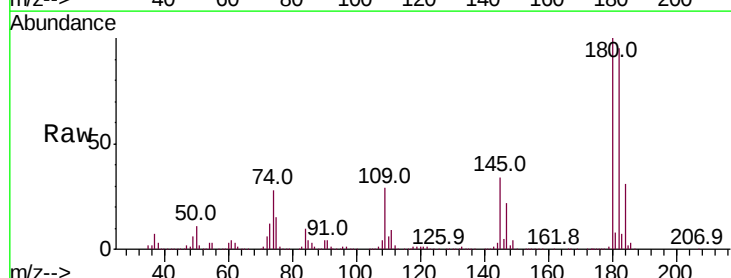
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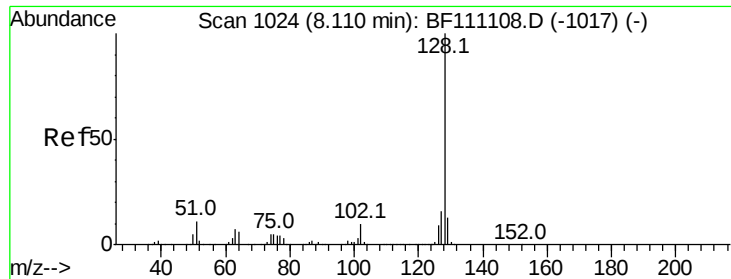
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#30
1,2,4-Trichlorobenzene
Concen: 52.123 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	80.3	120.5
145	33.8	25.4	38.0





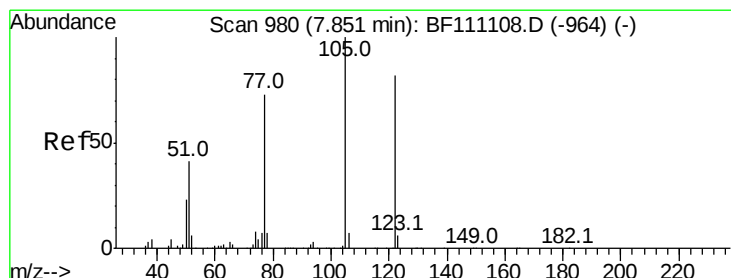
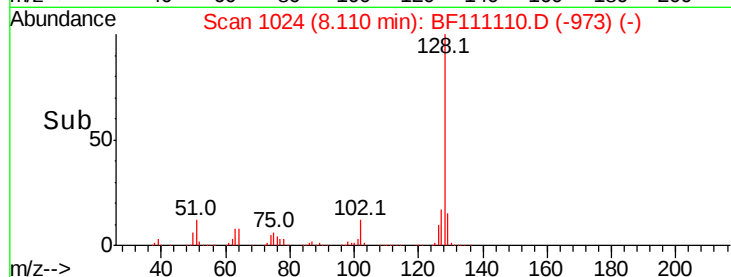
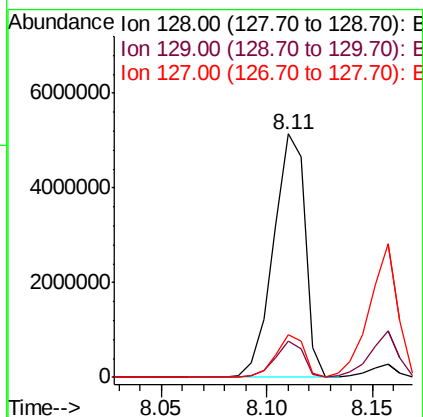
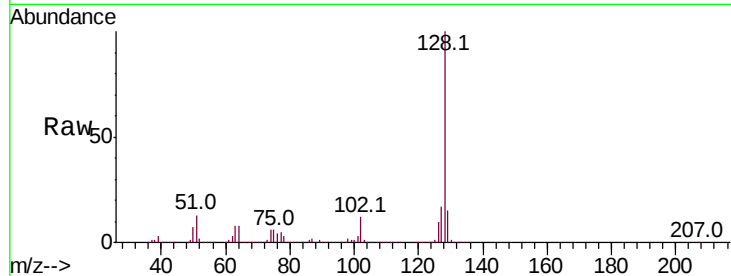
#31
Naphthalene
Concen: 49.666 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:128 Resp: 5378932
Ion Ratio Lower Upper
128 100
129 14.9 8.8 13.2#
127 17.3 10.8 16.2#

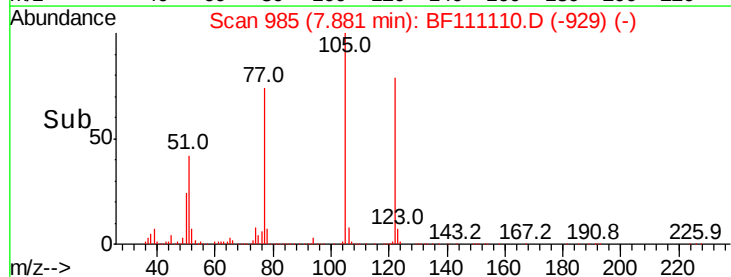
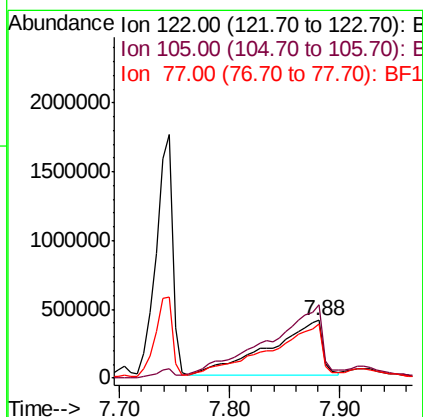
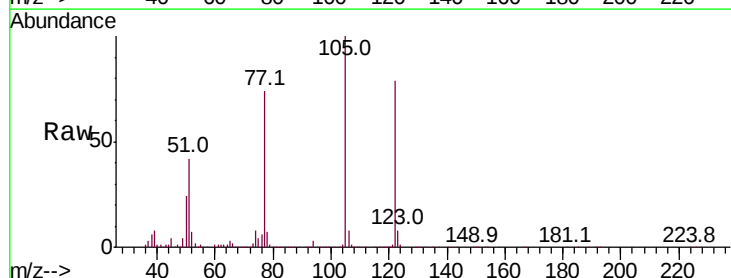
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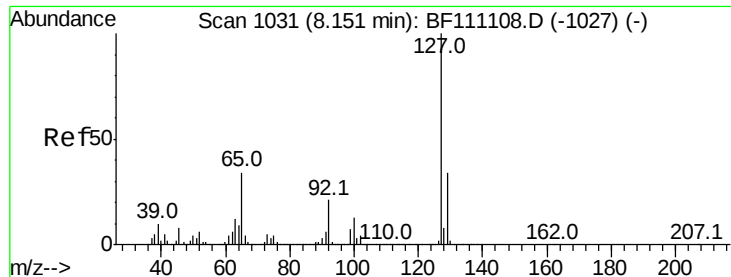
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#32
Benzoic acid
Concen: 58.219 ng m
RT: 7.88 min Scan# 985
Delta R.T. 0.03 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:122 Resp: 1333243
Ion Ratio Lower Upper
122 100
105 126.7 109.0 149.0
77 94.0 79.0 119.0





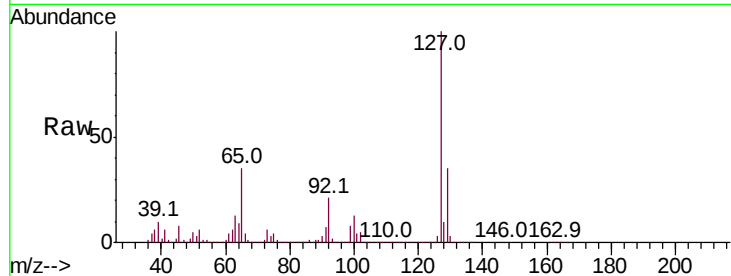
#33
4-Chloroaniline
Concen: 57.062 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	26.0	39.0		
65	34.7	25.1	37.7		
92	21.0	15.0	22.6		

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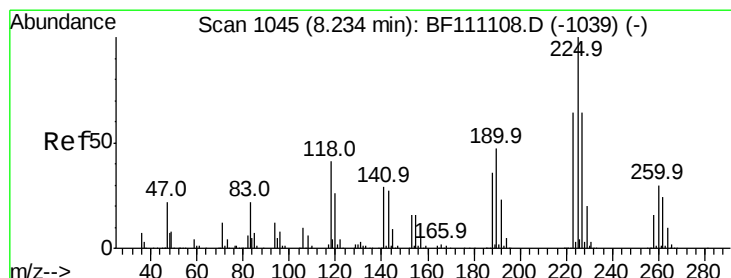
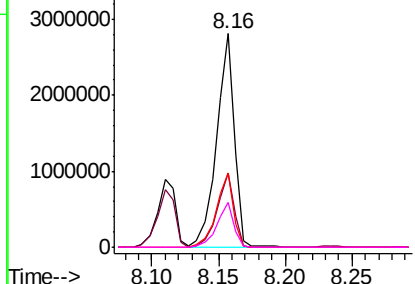
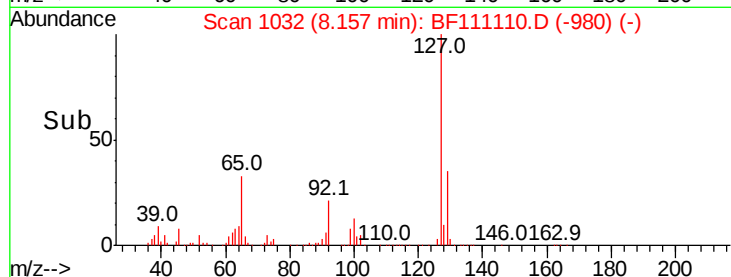
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

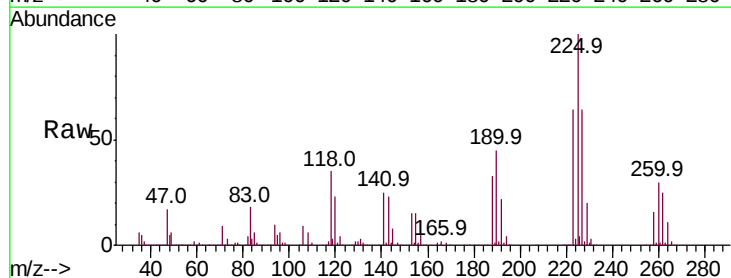
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 49.615 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

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

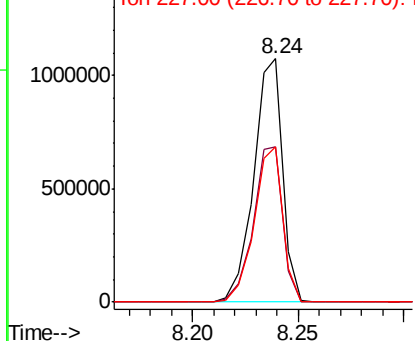
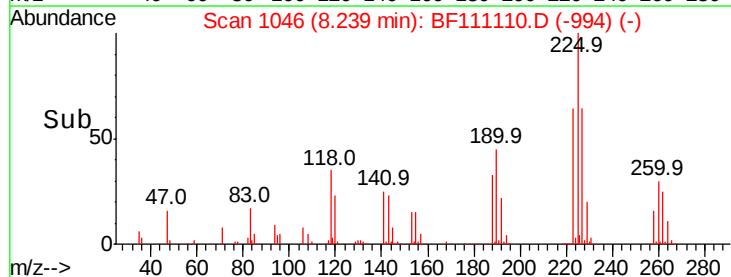


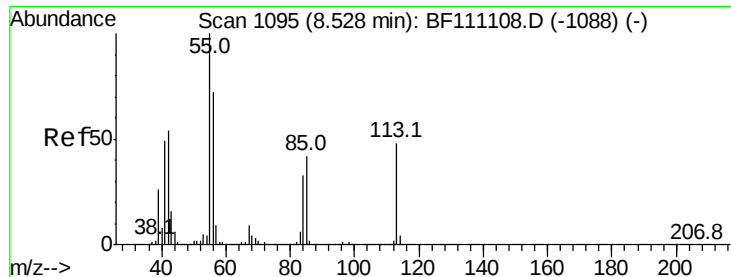
Abundance

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: 64.220 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.02 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:113 Resp: 706677
Ion Ratio Lower Upper

113 100

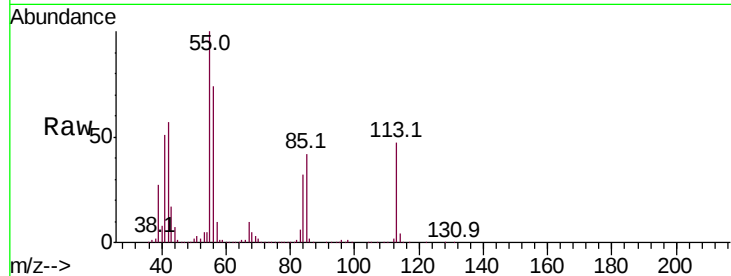
55 212.7 142.8 182.8#

56 157.1 105.0 145.0#

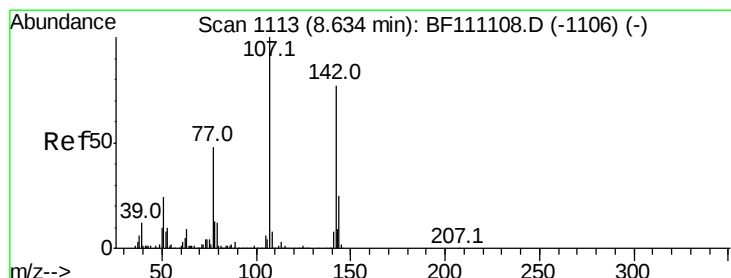
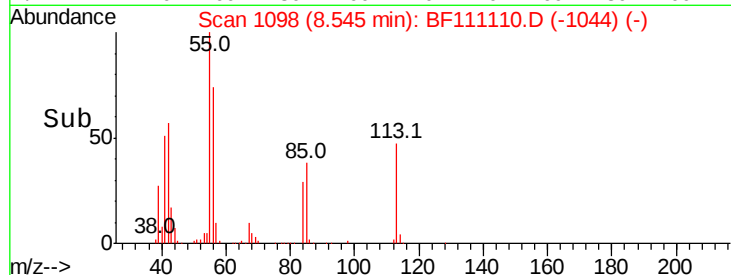
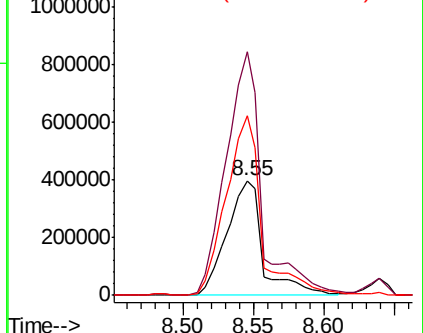
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 57.484 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF111110.D

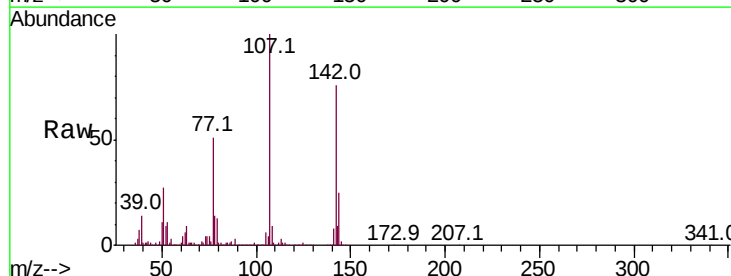
Acq: 5 Dec 2018 15:45

Tgt Ion:107 Resp: 2058649
Ion Ratio Lower Upper

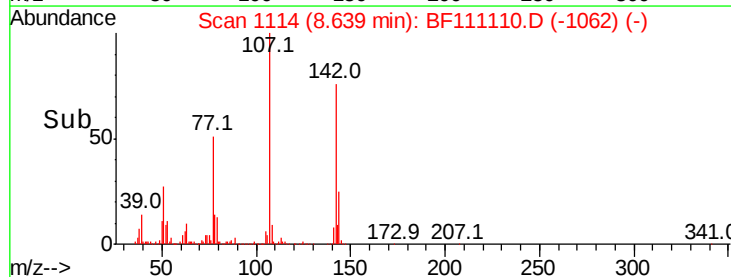
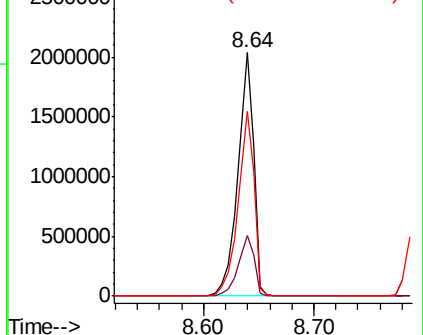
107 100

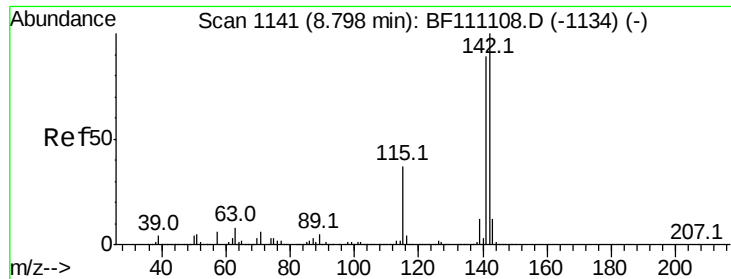
144 24.9 20.0 30.0

142 75.8 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





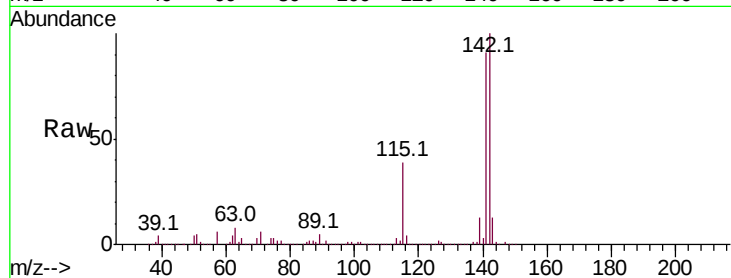
#37
2-Methylnaphthalene
Concen: 51.862 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.4	107.2
115	38.5	28.7	43.1

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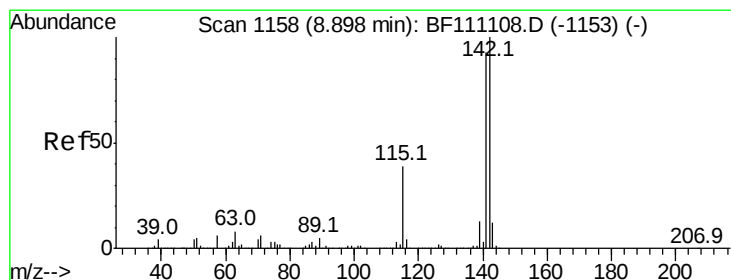
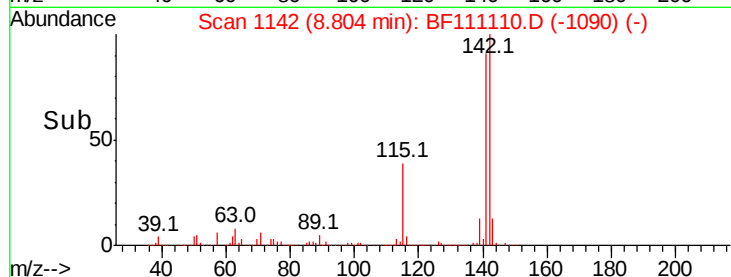
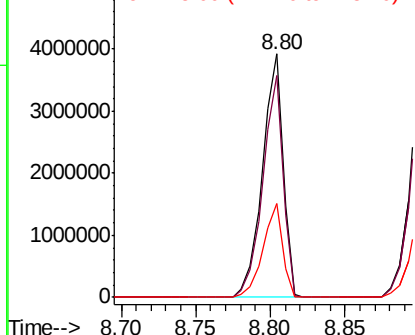


Abundance

Ion 142.00 (141.70 to 142.70): E

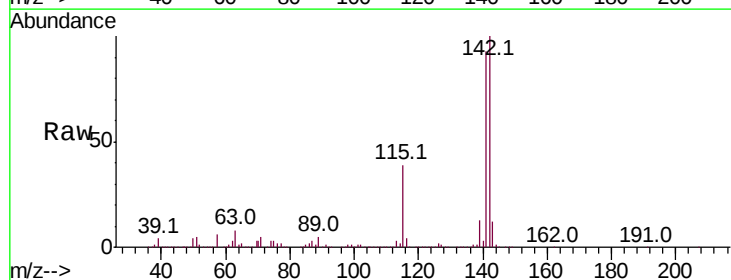
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.765 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	4.1	2.6	4.0#

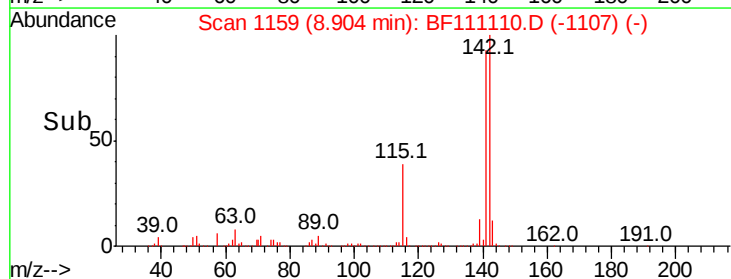
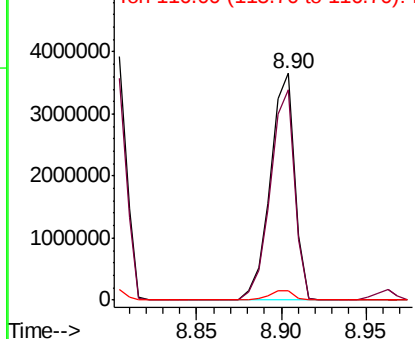


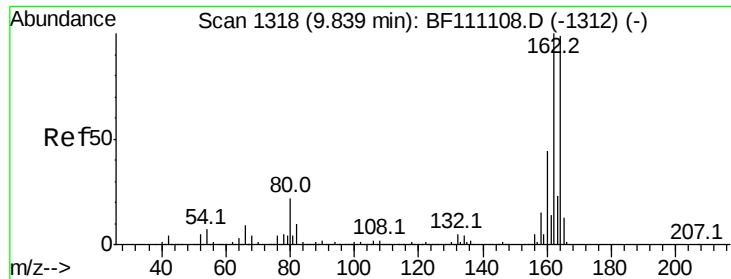
Abundance

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





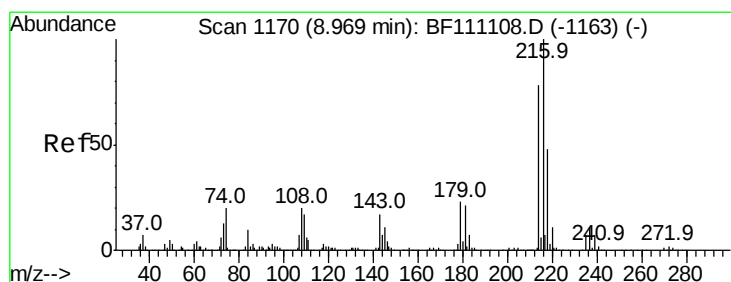
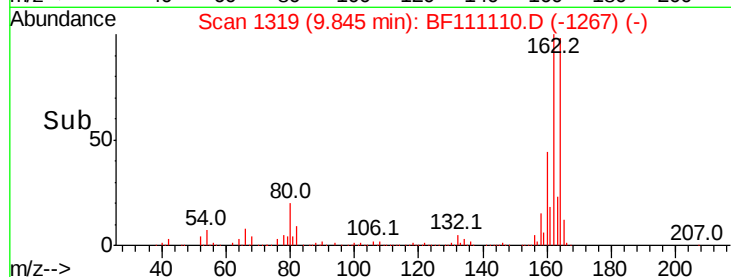
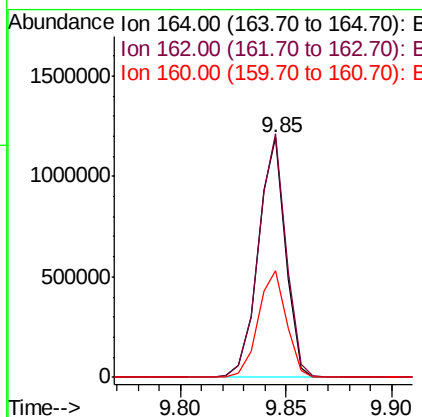
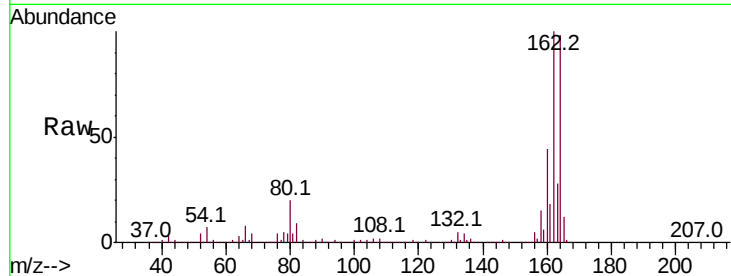
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:164 Resp: 1071203
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.6
160 44.2 37.0 55.6

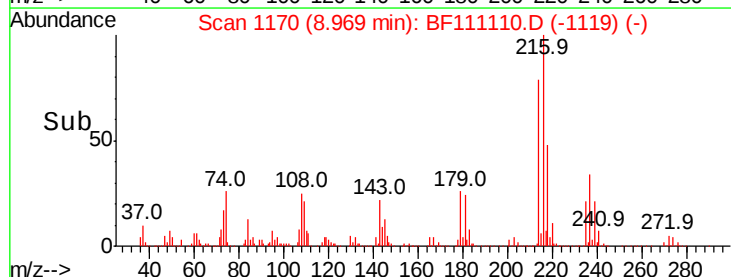
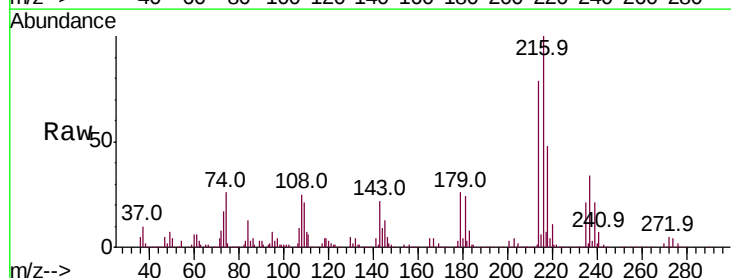
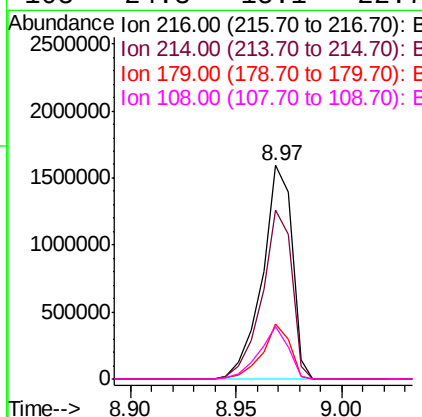
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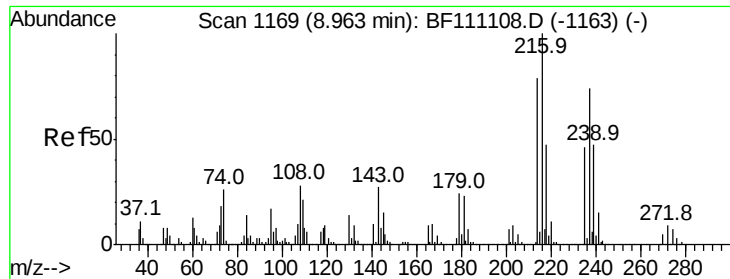
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.531 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:216 Resp: 1567964
Ion Ratio Lower Upper
216 100
214 78.7 63.8 95.6
179 23.9 16.6 25.0
108 24.3 15.1 22.7#





#41

Hexachlorocyclopentadiene

Concen: 263.738 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

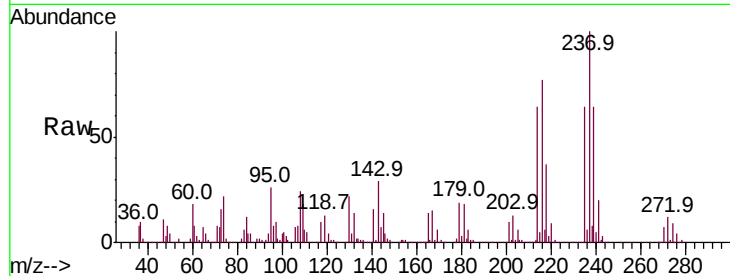
ClientSampleId :

SSTDICC060

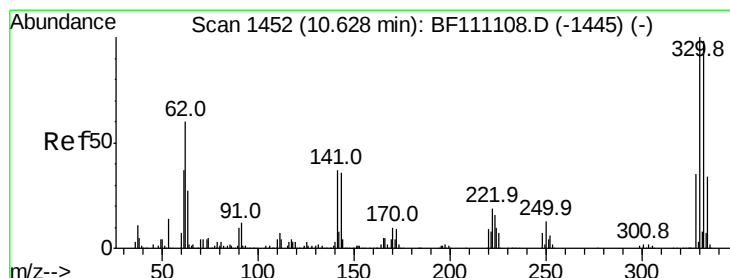
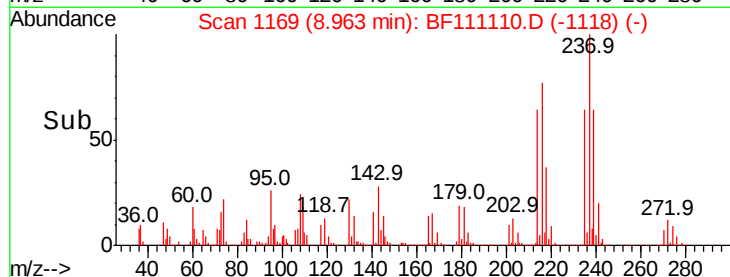
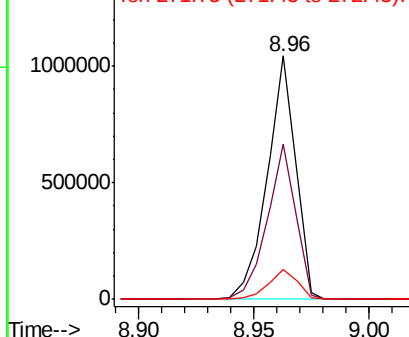
Tot Ion:	237	Resp:	894270
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.1	83.1
272	12.4	0.0	32.6

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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: 90.330 ng

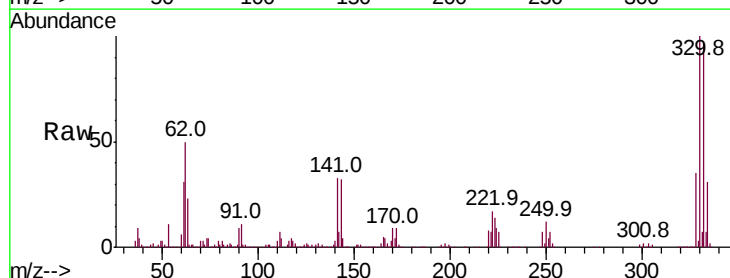
RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

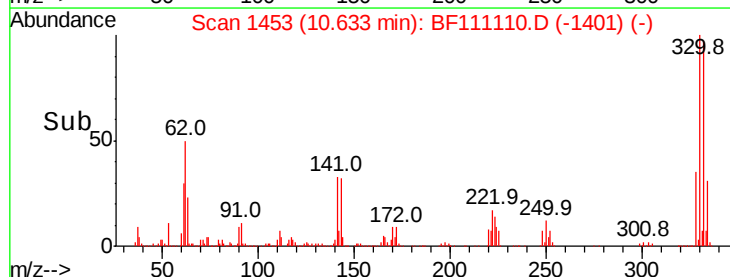
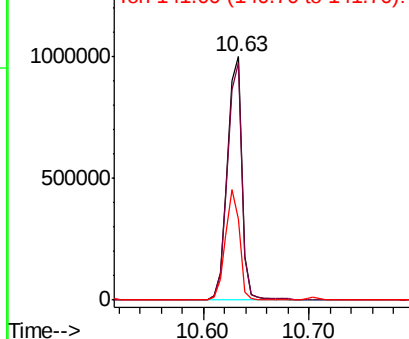
Lab File: BF111110.D

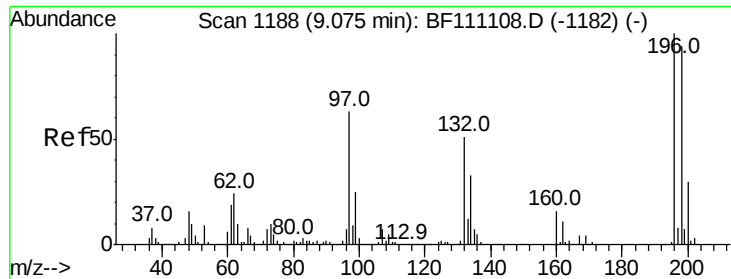
Acq: 5 Dec 2018 15:45

Tgt Ion:	330	Resp:	960979
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.1	115.7
141	44.1	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





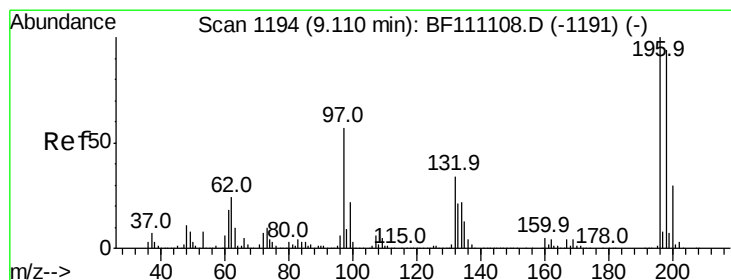
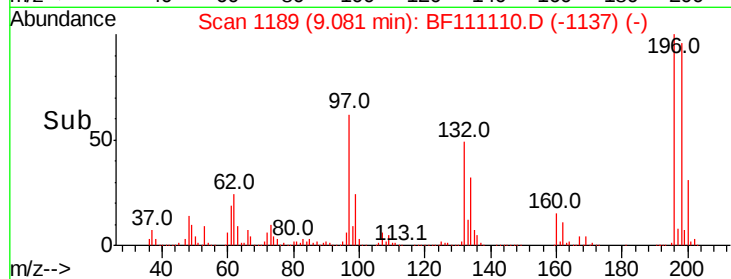
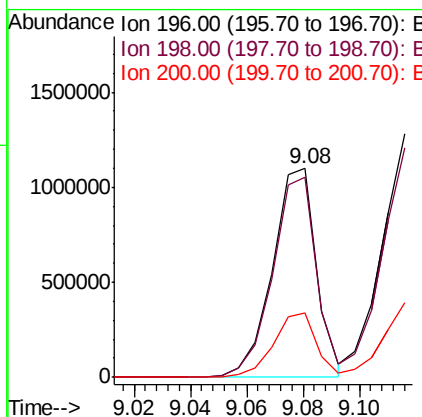
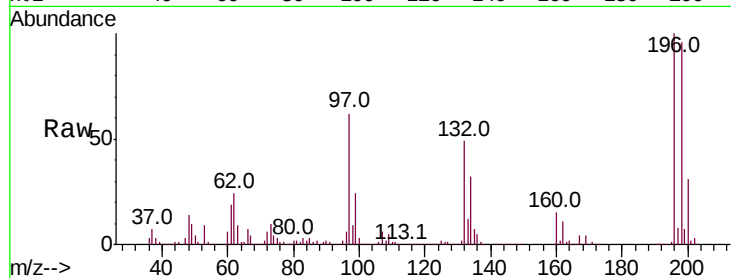
#43
 2,4,6-Trichlorophenol
 Concen: 58.822 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:196 Resp: 1183832
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.4
 200 31.2 24.4 36.6

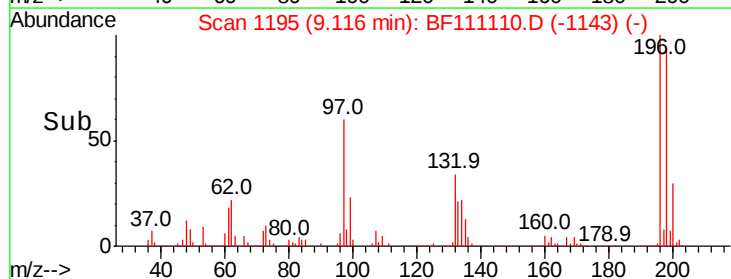
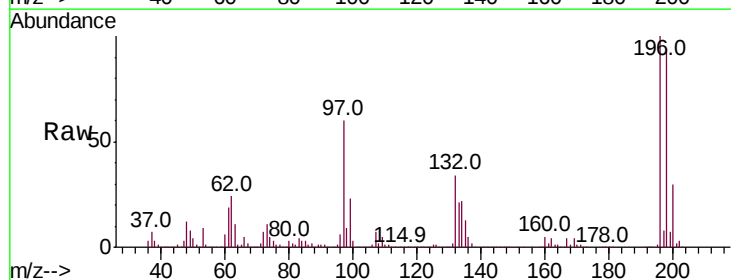
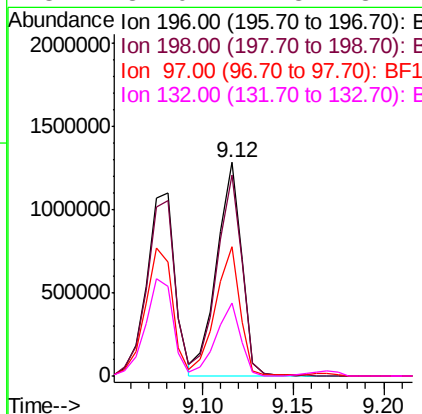
Manual Integrations
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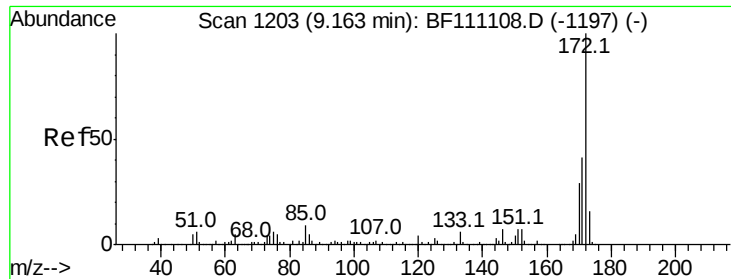
mohammad
 12/6/2018 12:11:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 57.865 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion:196 Resp: 1226239
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.8 113.6
 97 60.4 42.4 63.6
 132 34.0 22.8 34.2





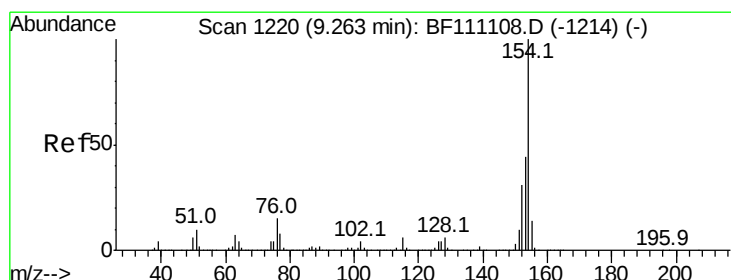
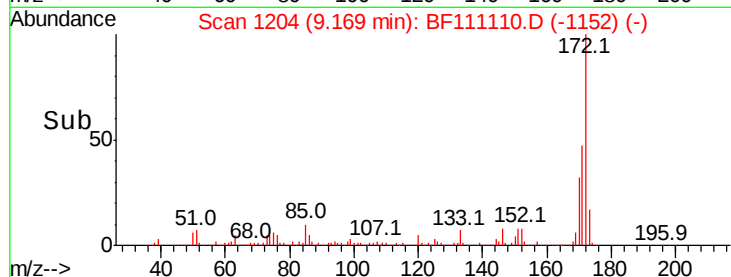
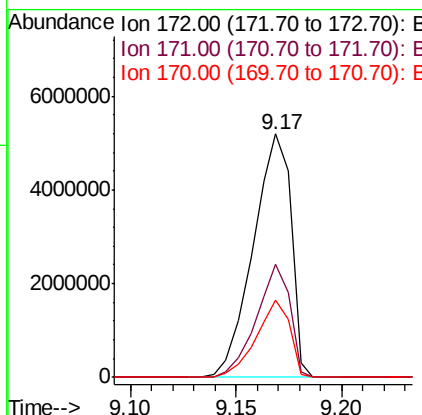
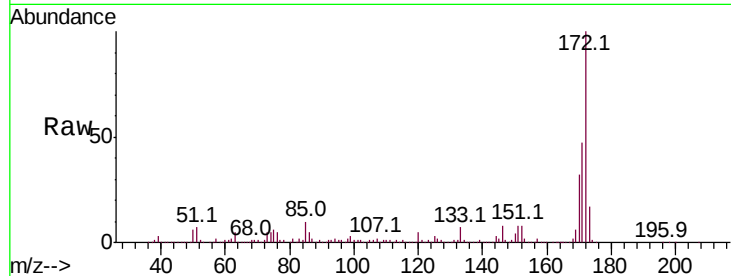
#45
2-Fluorobiphenyl
Concen: 87.212 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:172 Resp: 6448318
Ion Ratio Lower Upper
172 100
171 46.6 28.6 43.0#
170 31.8 19.7 29.5#

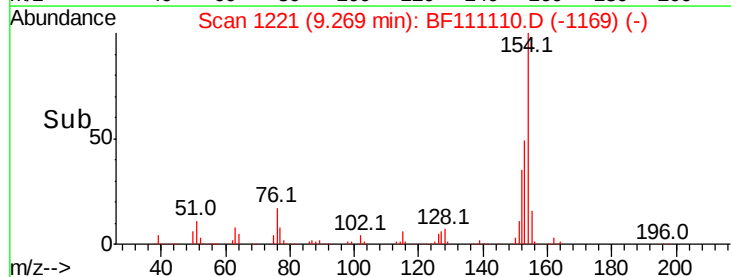
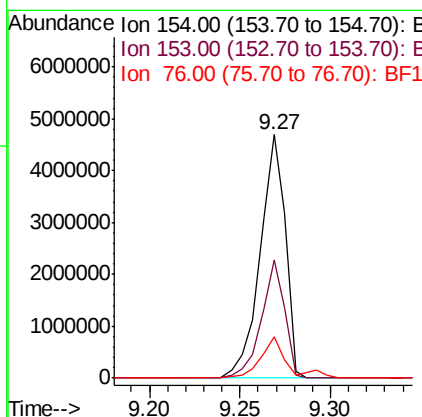
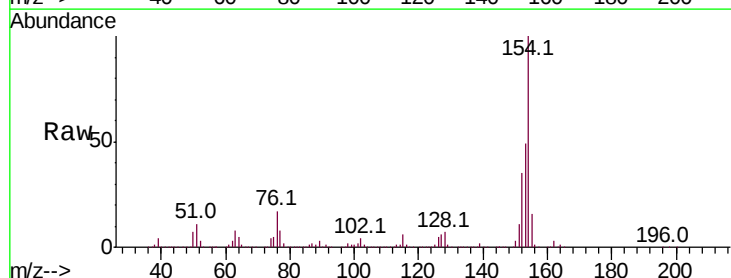
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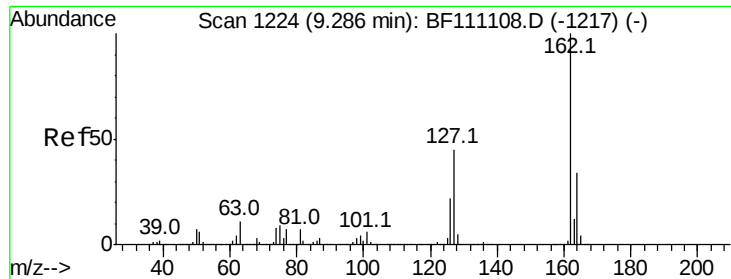
mohammad
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#46
1,1'-Biphenyl
Concen: 45.813 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:154 Resp: 4524431
Ion Ratio Lower Upper
154 100
153 48.7 20.4 60.4
76 17.0 0.0 31.9





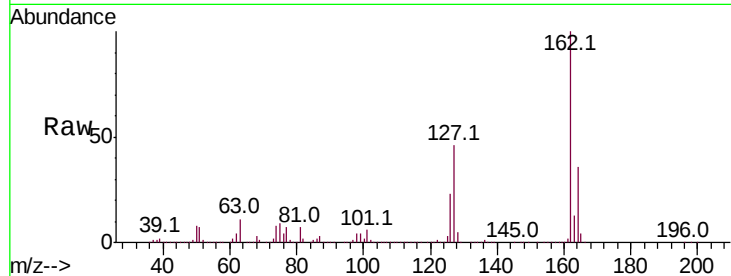
#47
 2-Chloronaphthalene
 Concen: 51.311 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

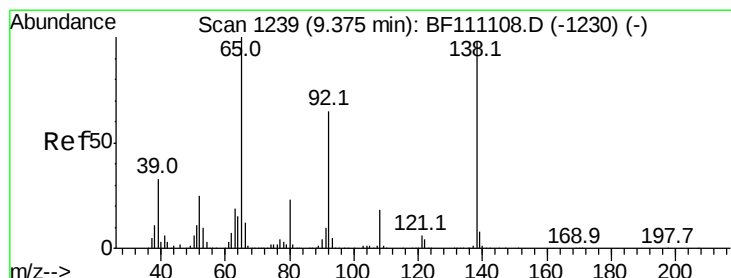
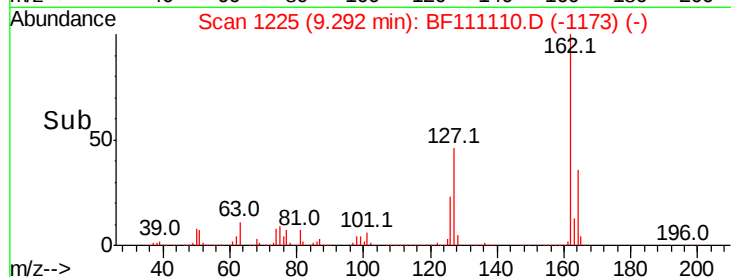
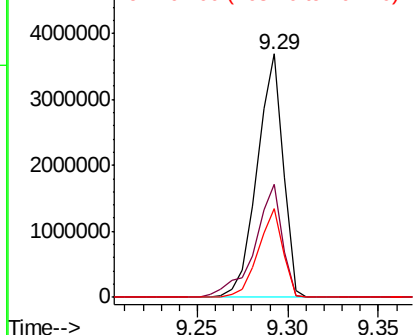
Tot Ion	Ratio	Lower	Upper
162	100		
127	46.4	32.6	48.8
164	36.3	25.9	38.9

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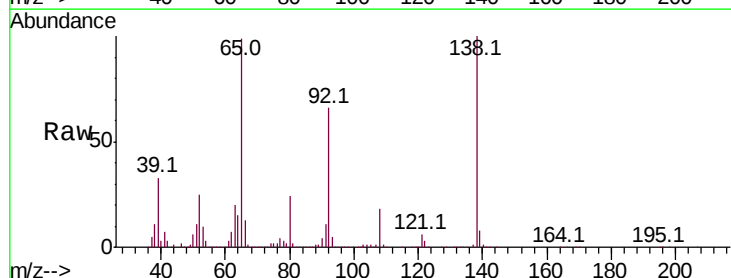


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

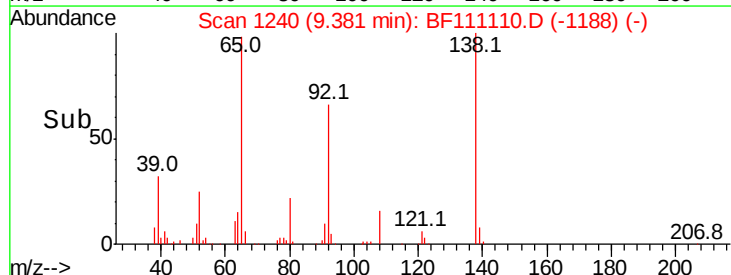
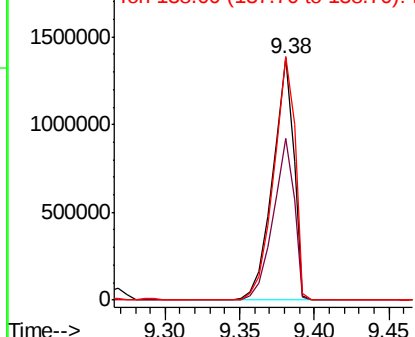


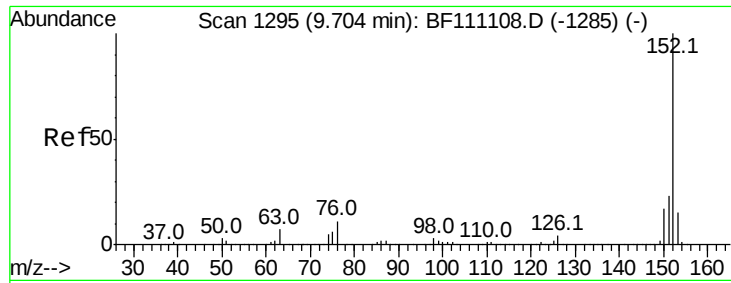
#48
 2-Nitroaniline
 Concen: 59.864 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	54.6	81.8
138	100.6	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





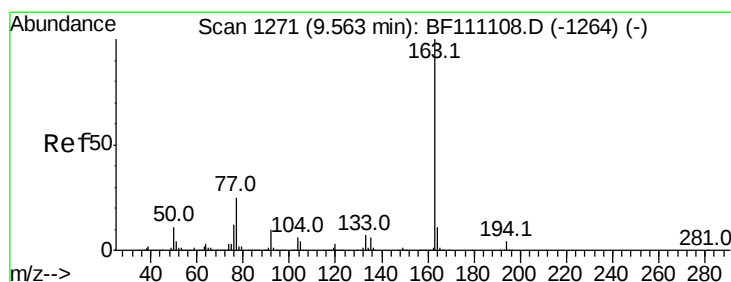
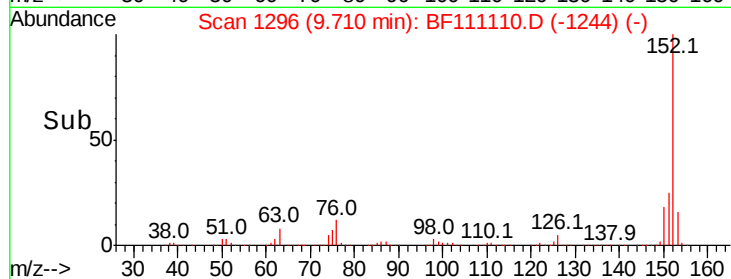
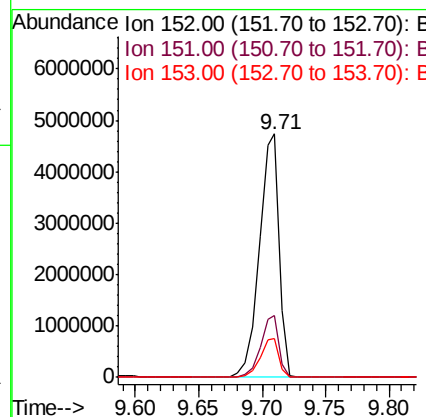
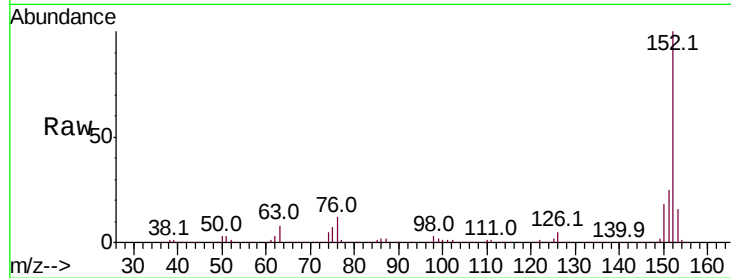
#49
Acenaphthylene
Concen: 50.891 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
151	25.2	15.8	23.8#
153	16.1	10.4	15.6#

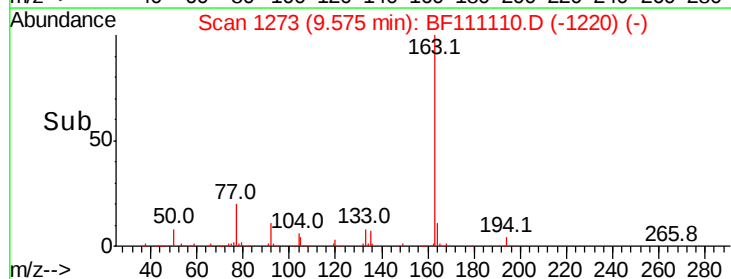
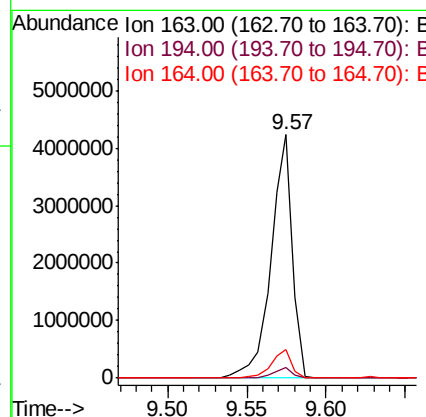
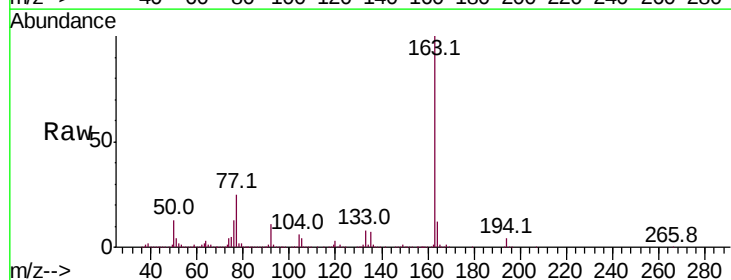
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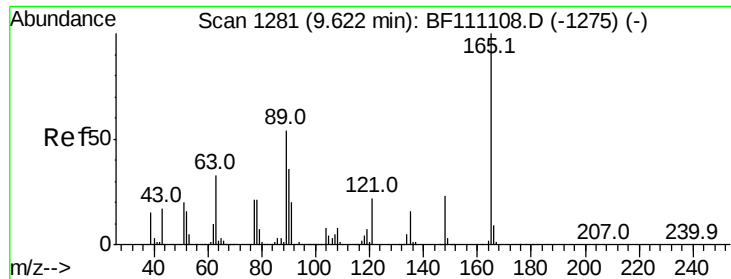
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#50
Dimethylphthalate
Concen: 50.712 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	11.6	8.1	12.1





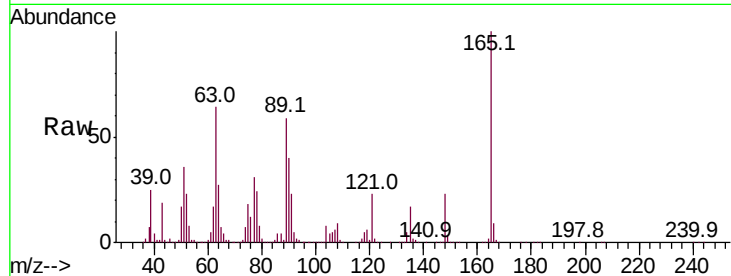
#51
2,6-Dinitrotoluene
Concen: 56.474 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	987714		
63	63.9	48.9	73.3	
89	59.4	46.6	69.8	

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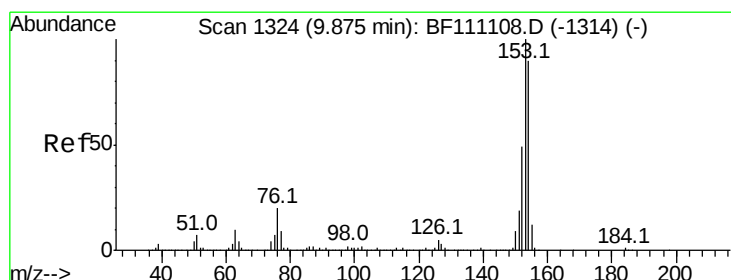
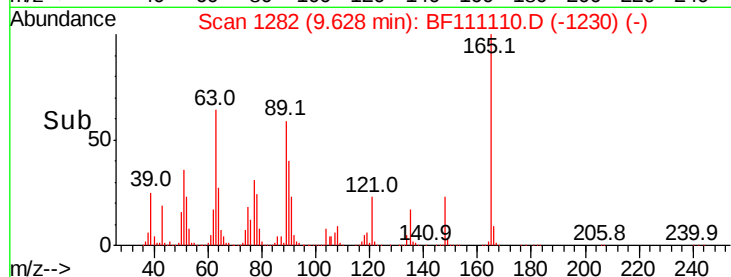
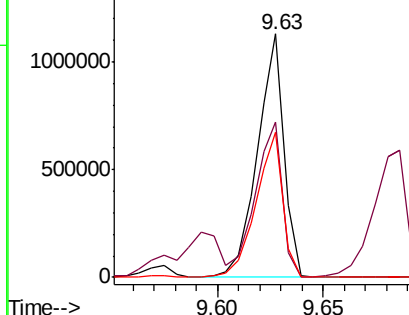


Abundance

Ion 165.00 (164.70 to 165.70): E

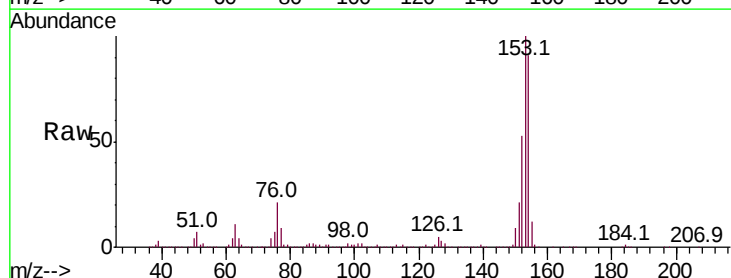
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 52.086 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	3399912		
153	109.4	90.1	135.1	
152	58.1	43.4	65.2	

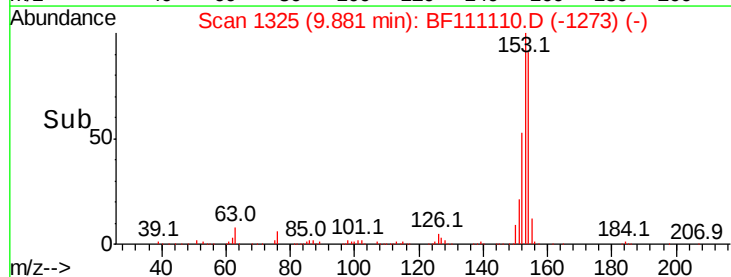
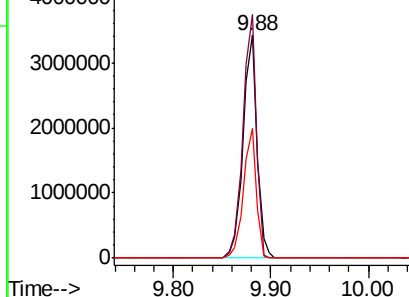


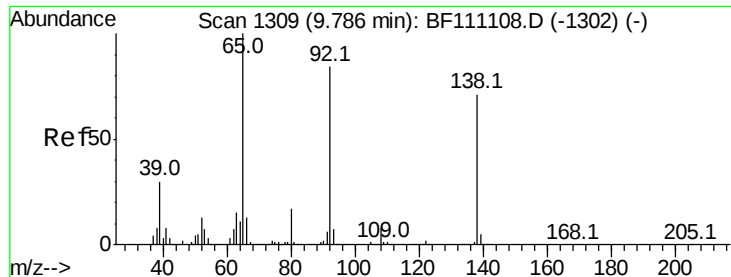
Abundance

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





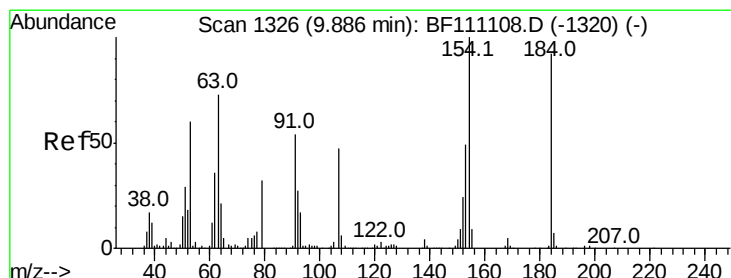
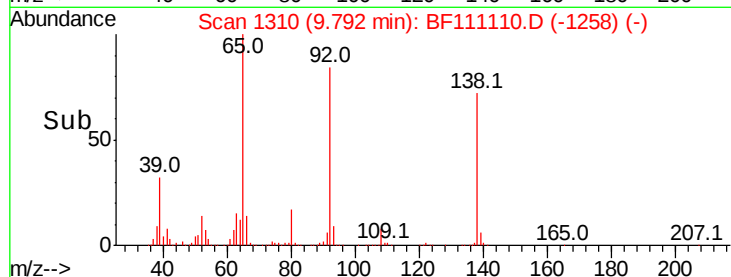
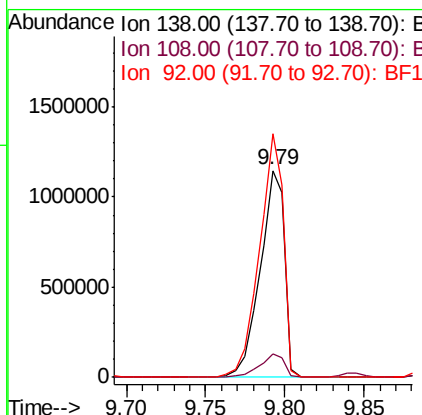
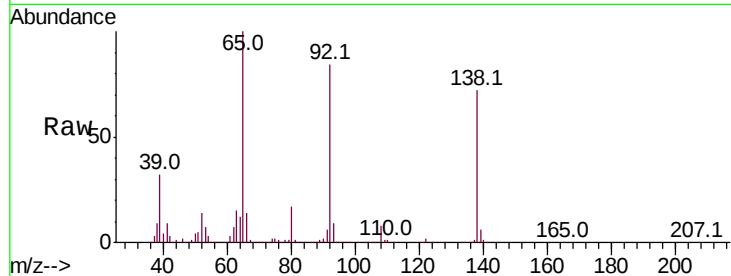
#53
3-Nitroaniline
Concen: 60.374 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:138 Resp: 1230681
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 117.9 97.0 145.4

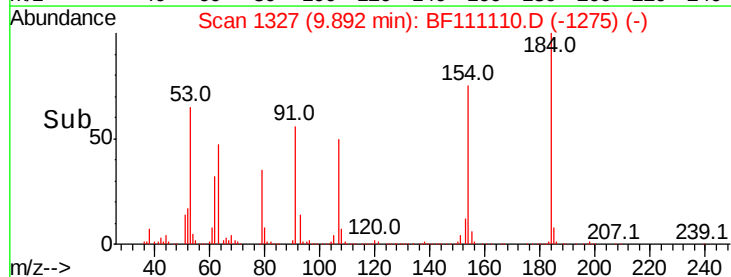
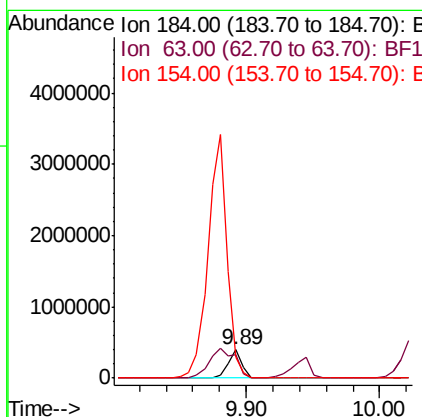
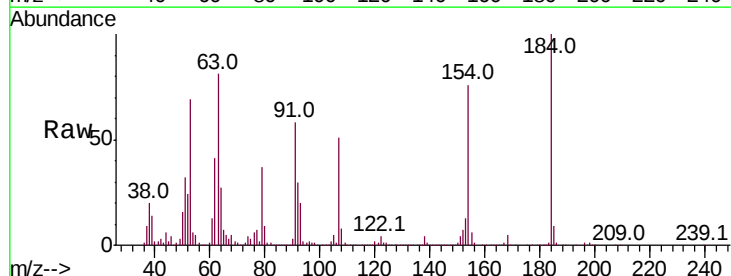
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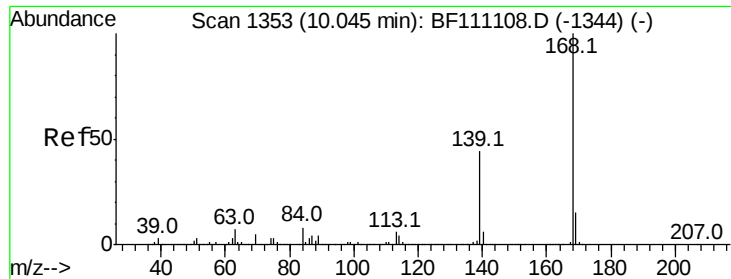
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#54
2,4-Dinitrophenol
Concen: 52.503 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:184 Resp: 291894
Ion Ratio Lower Upper
184 100
63 81.3 55.8 83.6
154 75.7 63.2 94.8





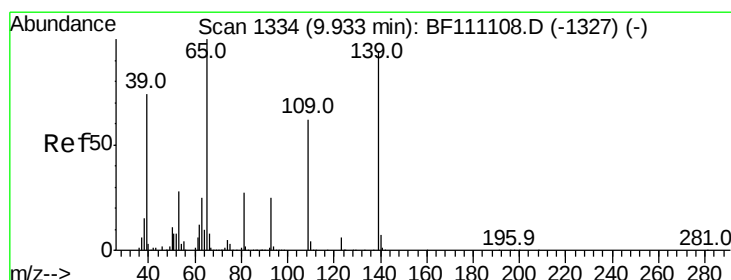
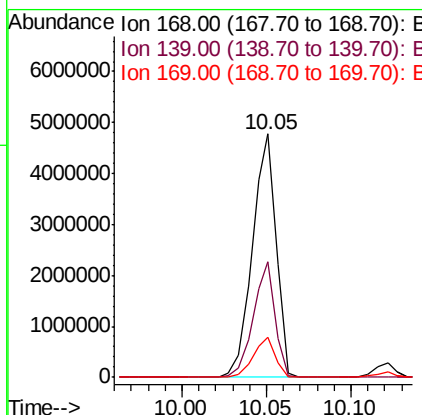
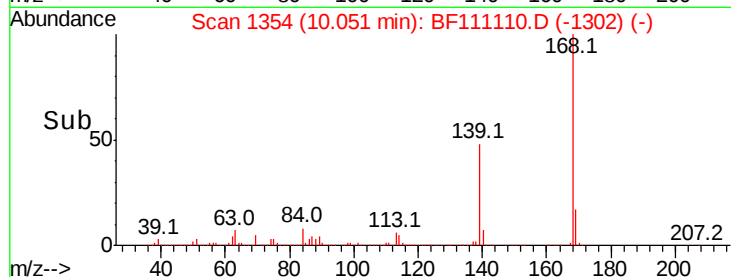
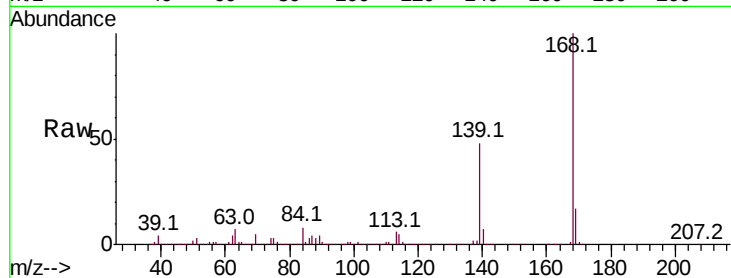
#55
Dibenzofuran
Concen: 49.159 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:168 Resp: 4681314
Ion Ratio Lower Upper
168 100
139 47.6 33.0 49.6
169 16.6 11.3 16.9

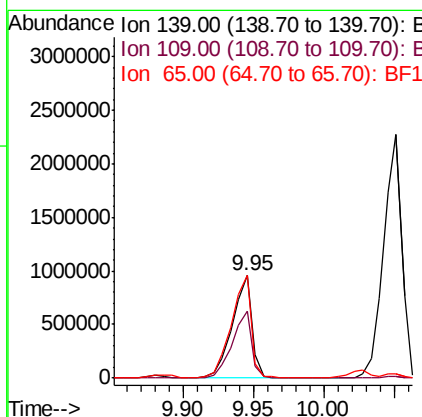
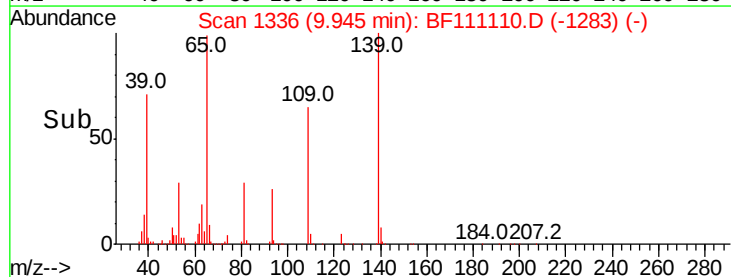
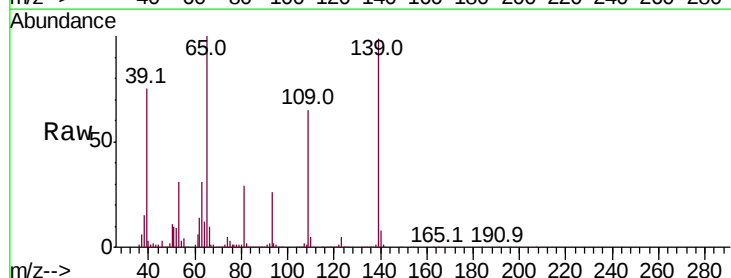
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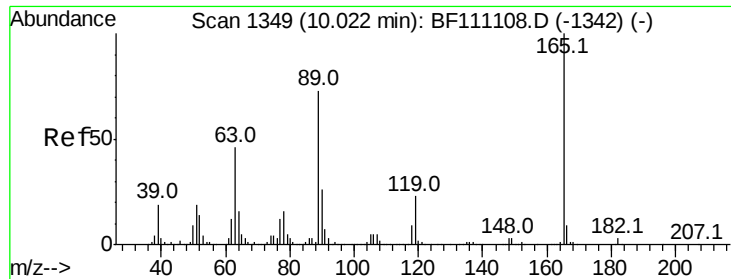
mohammad
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#56
4-Nitrophenol
Concen: 90.607 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:139 Resp: 921149
Ion Ratio Lower Upper
139 100
109 65.3 55.8 95.8
65 100.7 77.9 117.9





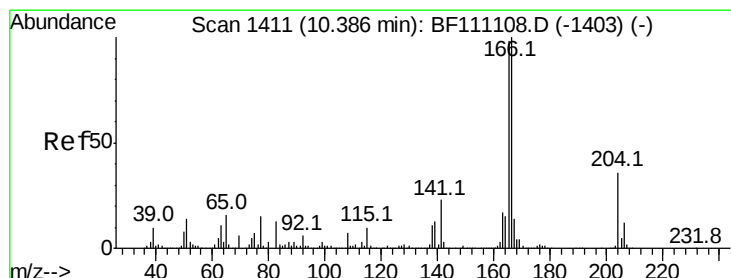
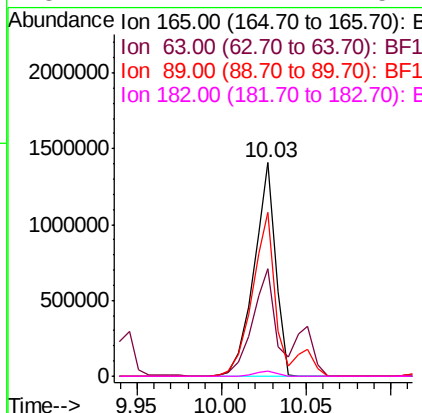
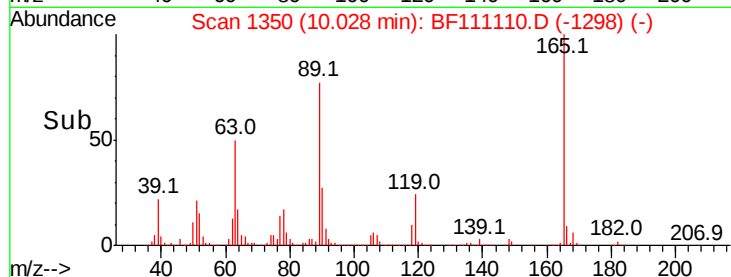
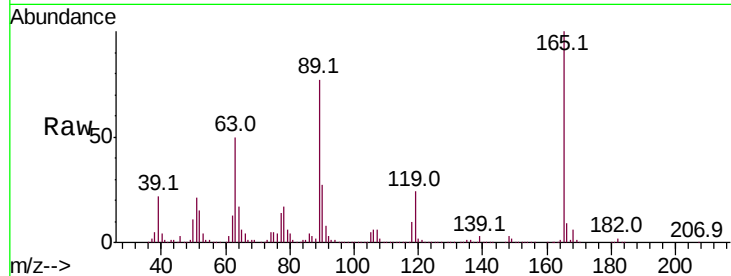
#57
2,4-Dinitrotoluene
Concen: 55.553 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	44.8	67.2
89	76.7	62.2	93.4
182	2.4	2.1	3.1

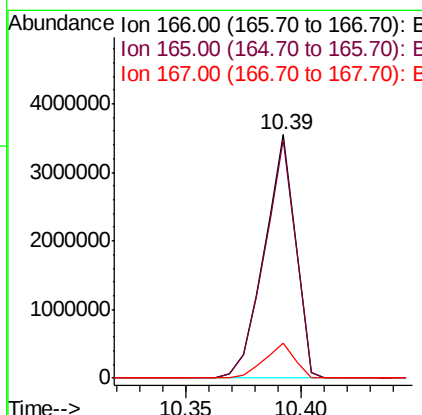
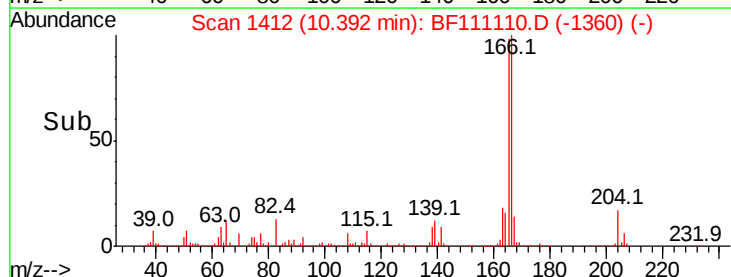
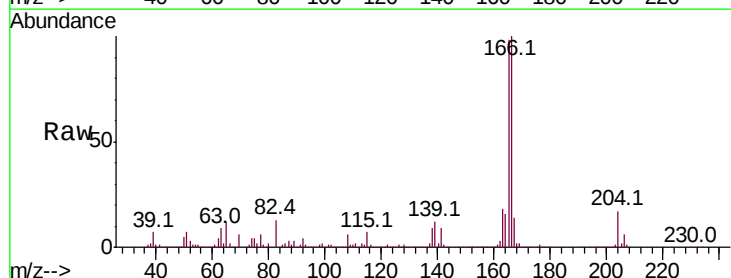
Manual Integrations
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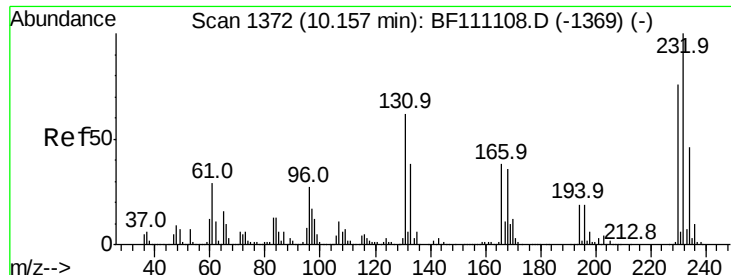
mohammad
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#58
Fluorene
Concen: 44.993 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	14.5	10.8	16.2





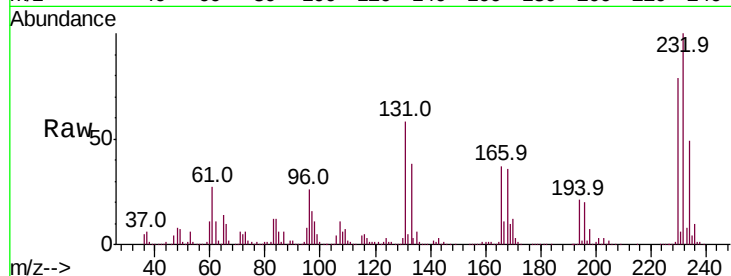
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.223 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.2	37.0	55.4
130	2.7	1.8	2.6
166	29.5	22.0	33.0

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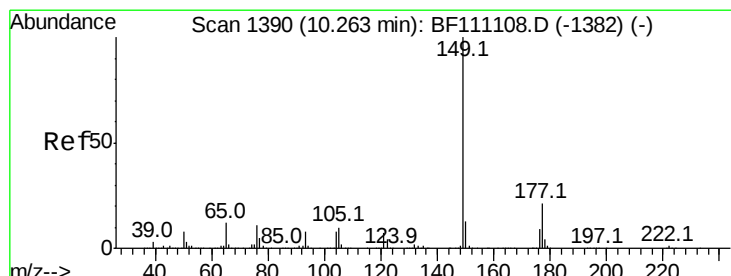
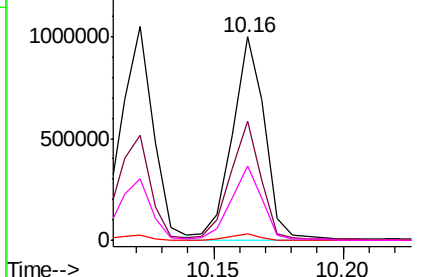
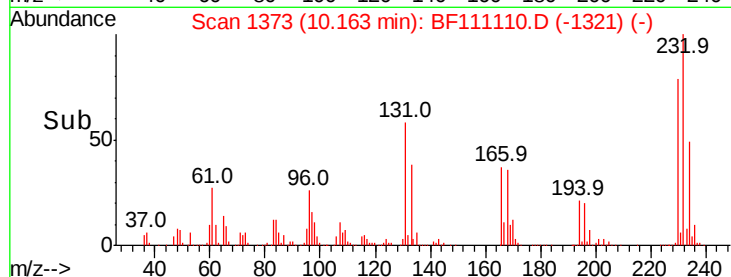
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

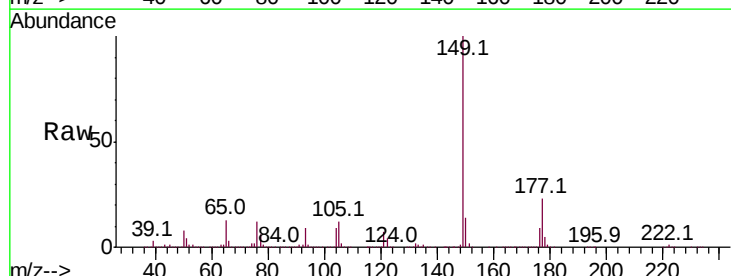
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 50.101 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.4	26.2
150	14.4	9.8	14.8

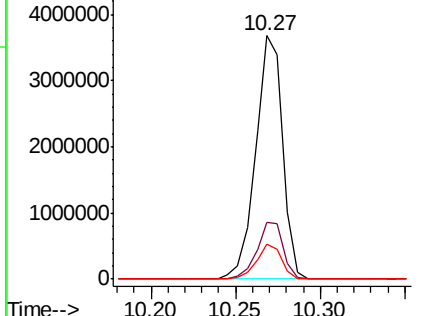
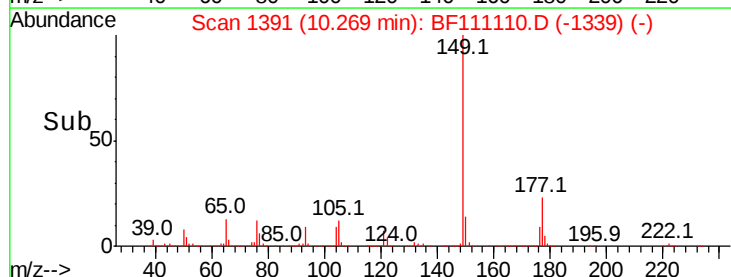


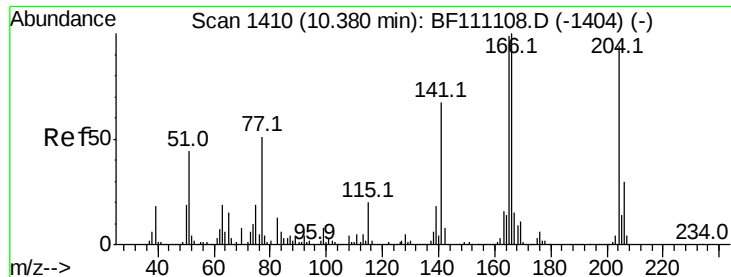
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





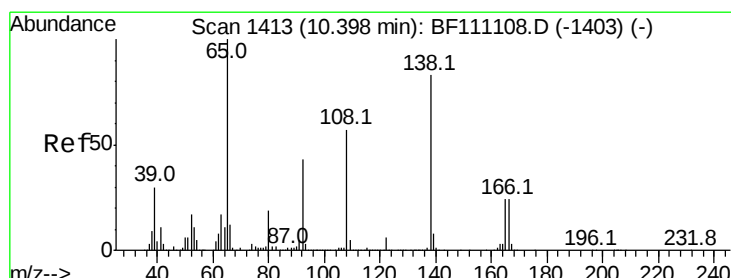
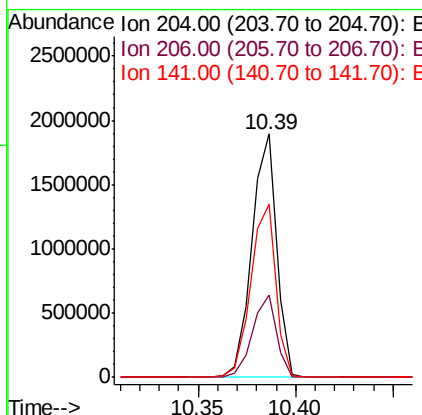
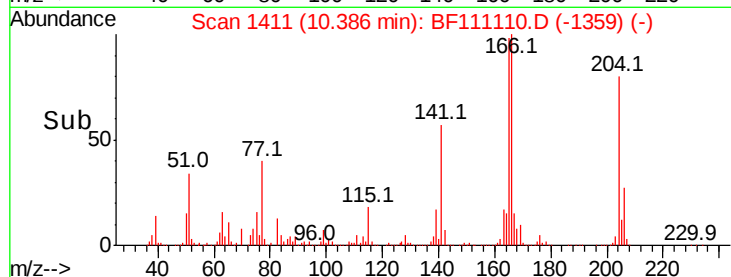
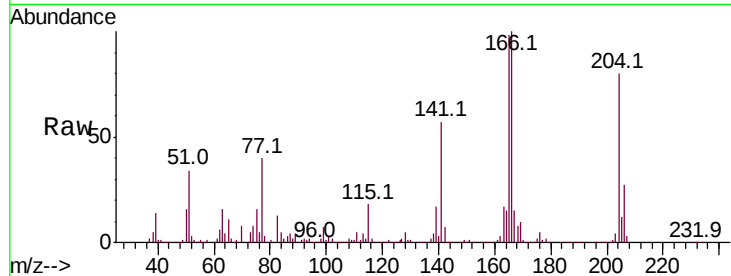
#61
4-Chlorophenyl-phenylether
Concen: 42.841 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion:204 Resp: 1660193
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 71.0 51.8 77.8

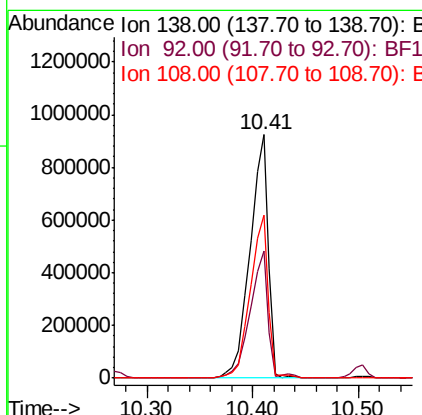
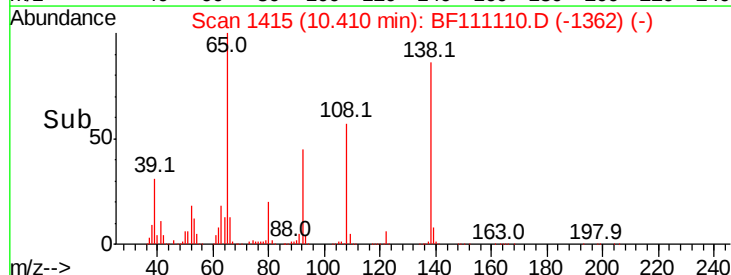
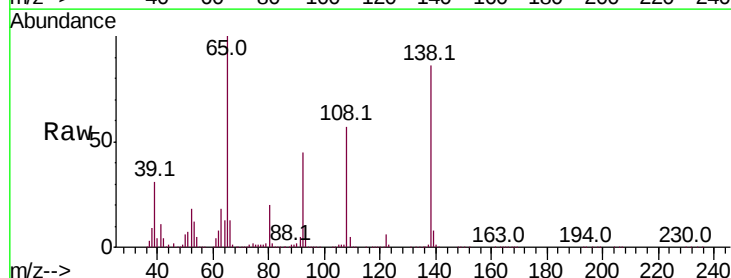
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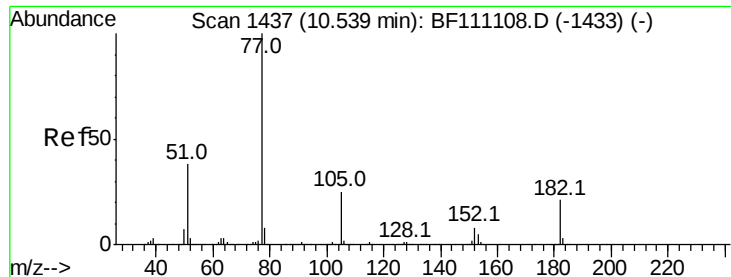
mohammad
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#62
4-Nitroaniline
Concen: 59.084 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:138 Resp: 1121384
Ion Ratio Lower Upper
138 100
92 52.4 31.7 71.7
108 67.0 59.3 99.3





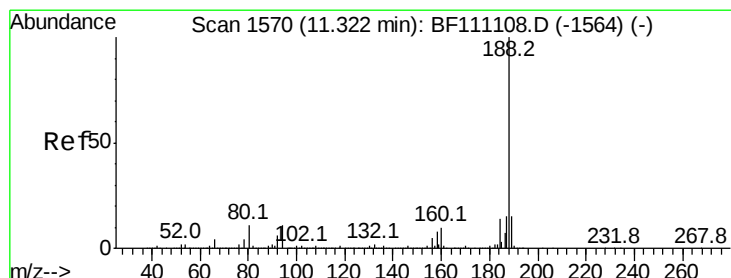
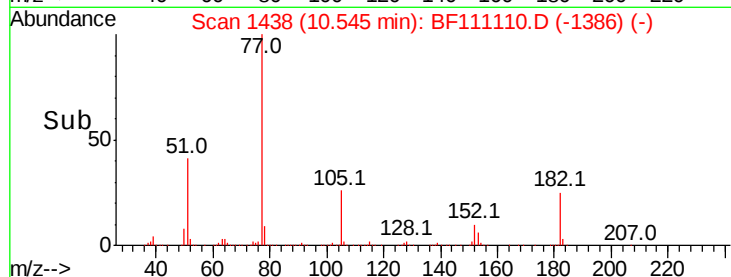
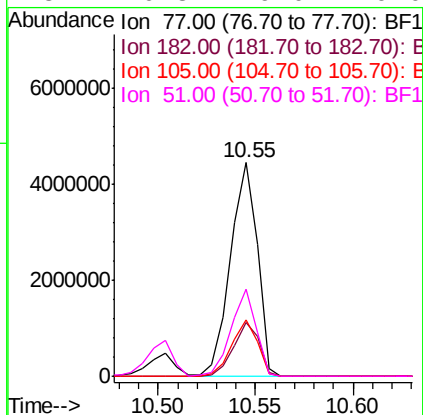
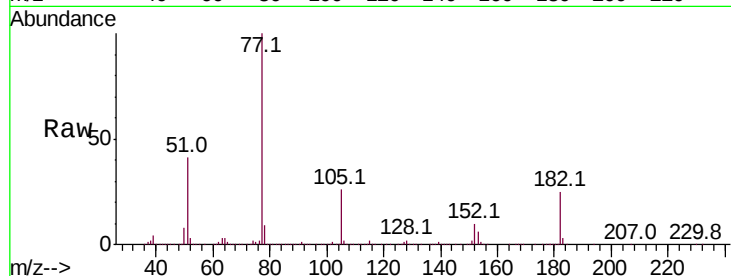
#63
Azobenzene
Concen: 54.048 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.3	44.3
105	26.2	1.3	41.3
51	40.8	9.0	49.0

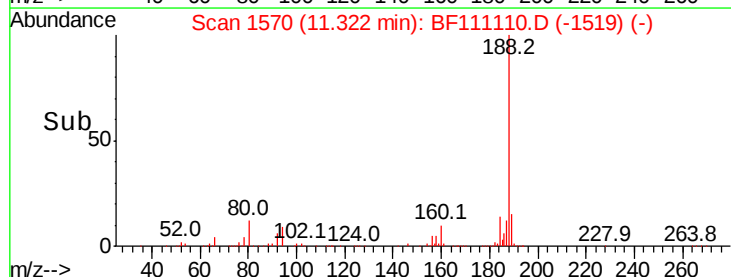
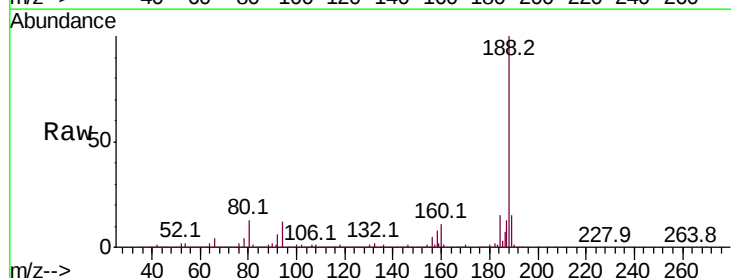
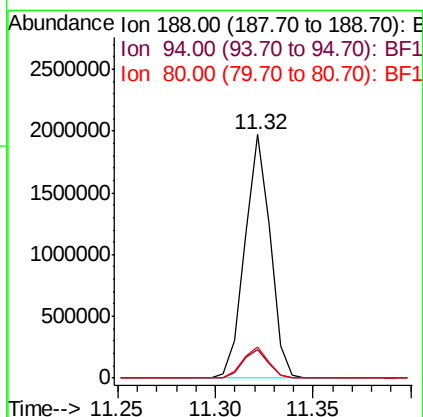
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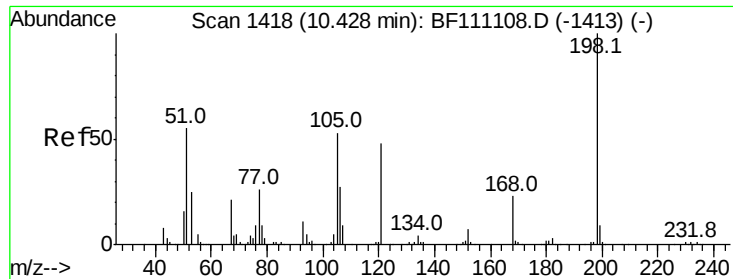
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	7.2	10.8#
80	12.6	7.9	11.9#





#65

4,6-Dinitro-2-methylphenol

Concen: 57.828 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:198 Resp: 485643
Ion Ratio Lower Upper

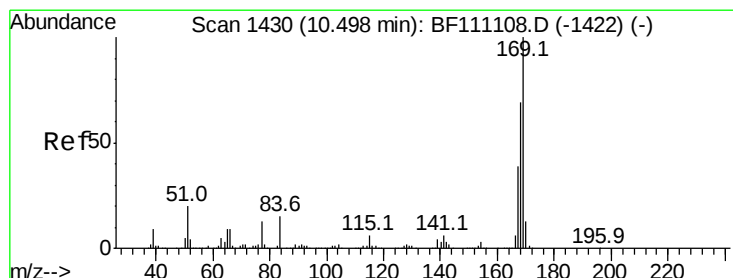
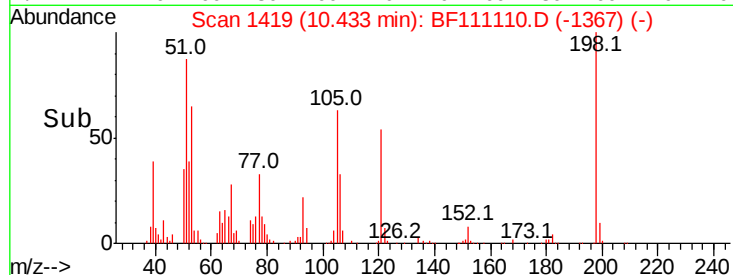
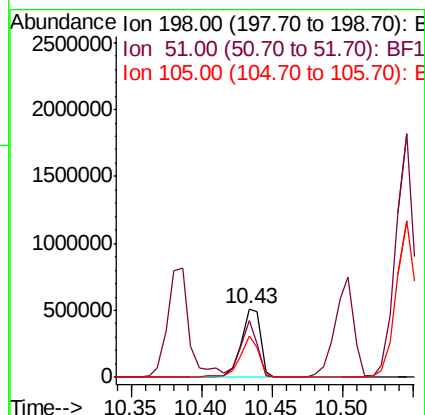
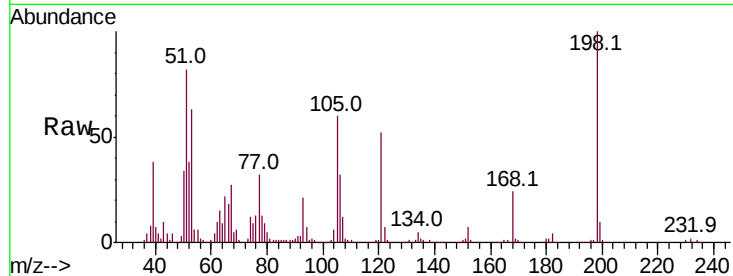
198 100

51 82.4 22.8 62.8#

105 59.9 23.6 63.6

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 58.073 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF111110.D

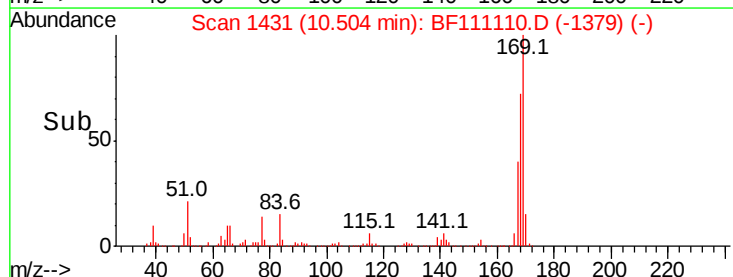
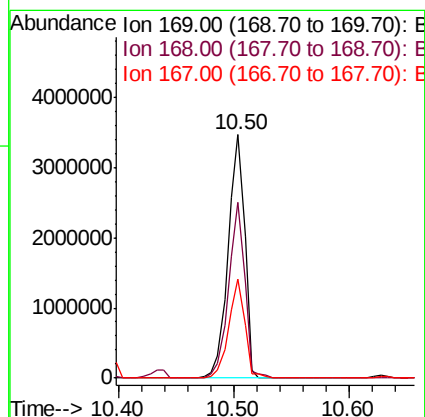
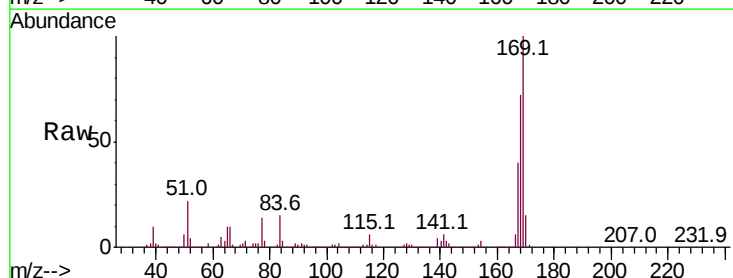
Acq: 5 Dec 2018 15:45

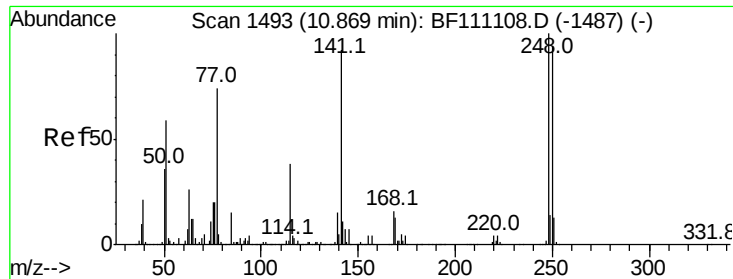
Tgt Ion:169 Resp: 3432219
Ion Ratio Lower Upper

169 100

168 72.1 51.2 76.8

167 40.4 27.8 41.6





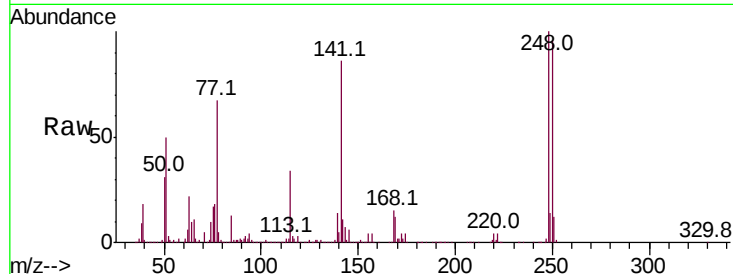
#67
4-Bromophenyl-phenylether
Concen: 55.261 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	79.4	119.2
141	85.8	55.9	83.9#

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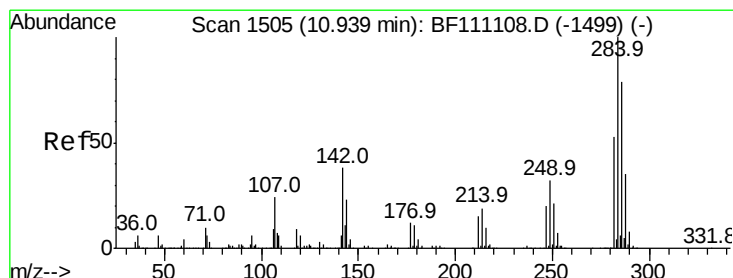
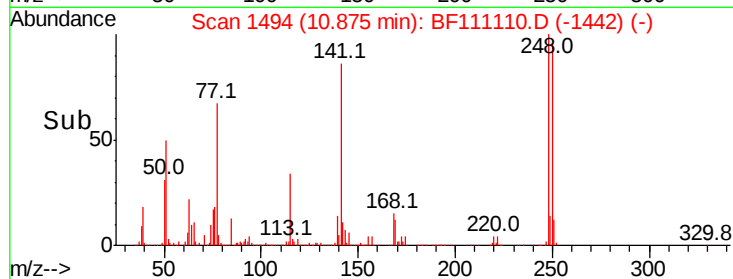
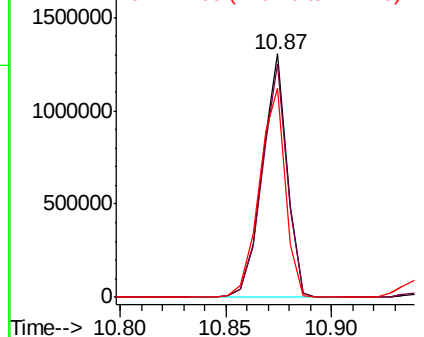


Abundance

Ion 248.00 (247.70 to 248.70): E

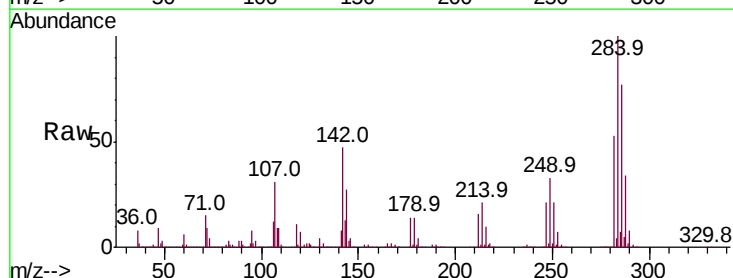
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 53.383 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.8	23.9	35.9#
249	32.9	24.2	36.2

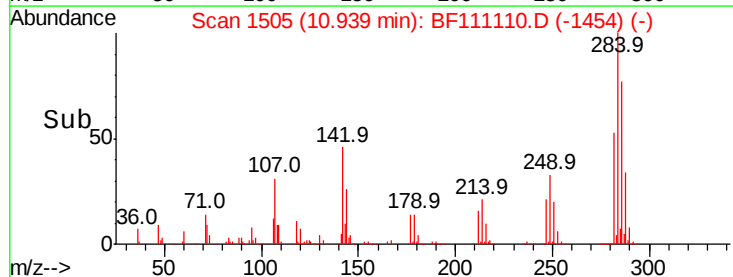
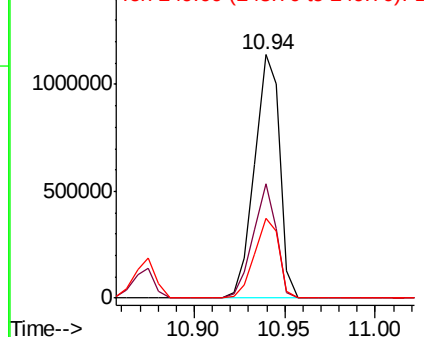


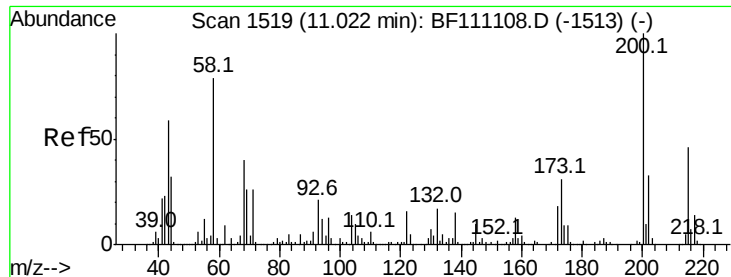
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





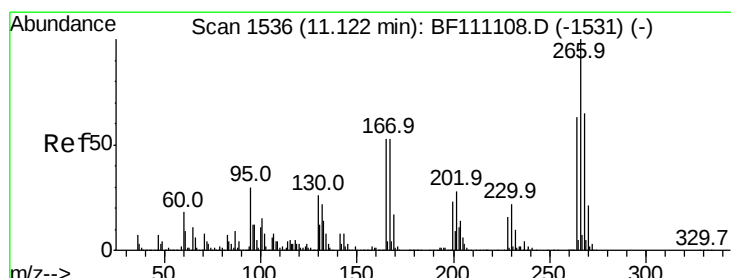
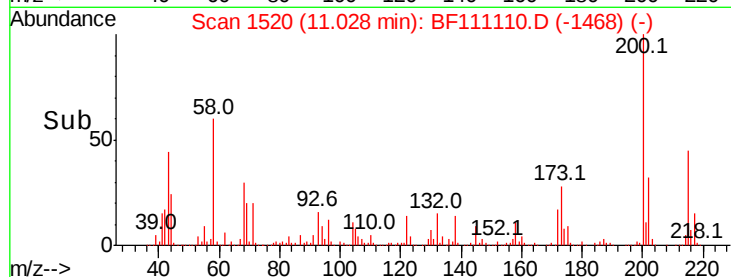
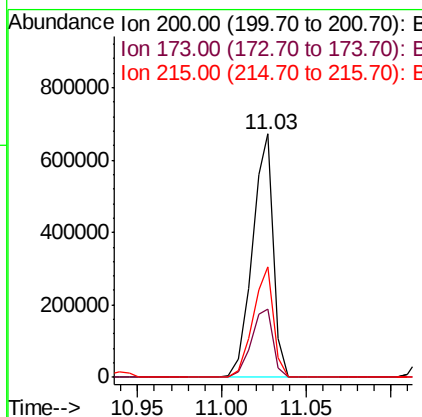
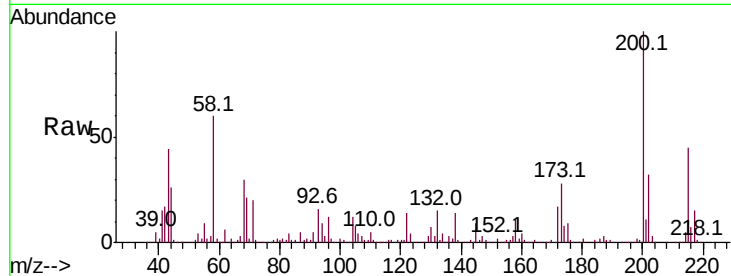
#69
Atrazine
Concen: 38.266 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.0	6.6	46.6
215	45.2	26.3	66.3

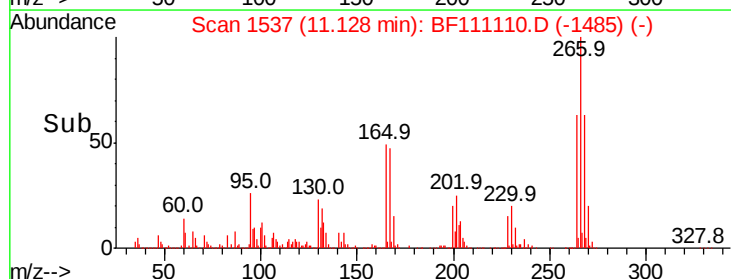
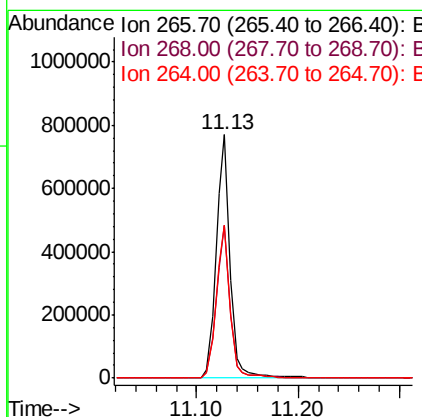
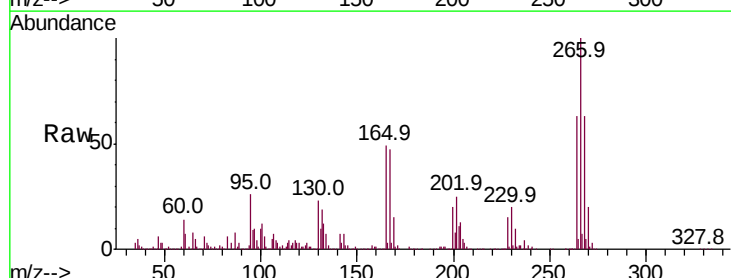
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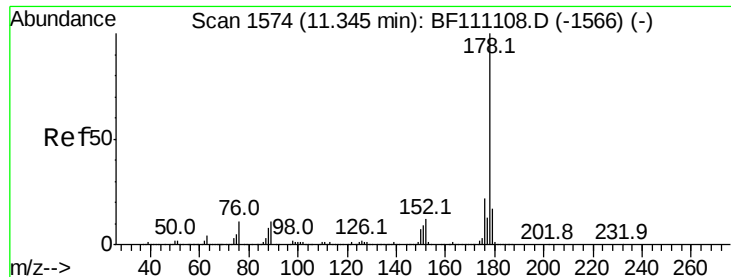
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#70
Pentachlorophenol
Concen: 89.630 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	50.6	75.8
264	62.9	50.6	75.8





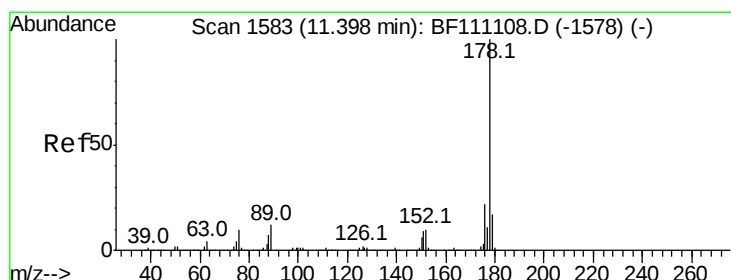
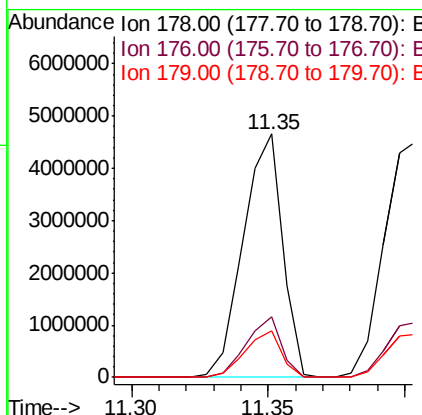
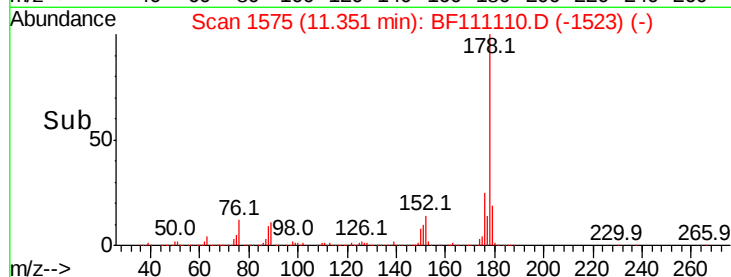
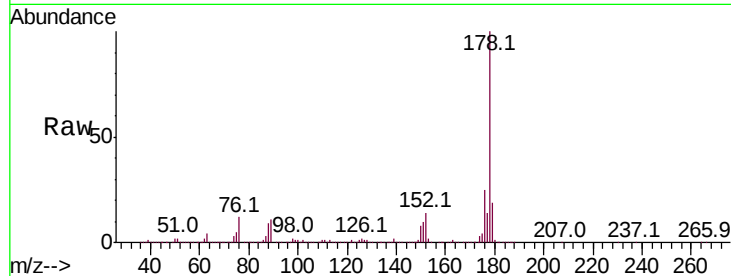
#71
Phenanthrene
Concen: 49.232 ng m
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:178 Resp: 4629231
Ion Ratio Lower Upper
178 100
176 25.0 15.5 23.3#
179 19.0 12.5 18.7#

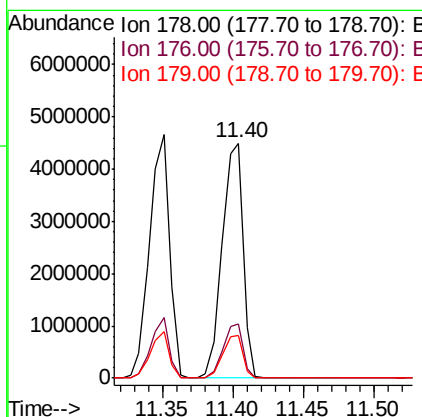
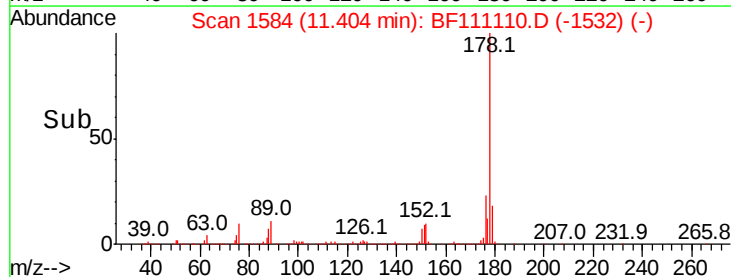
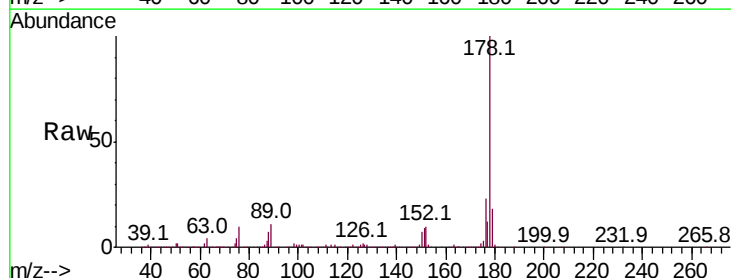
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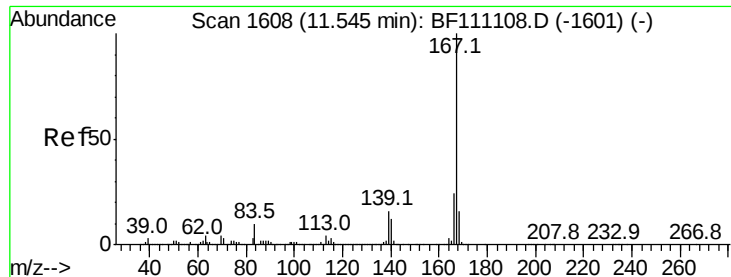
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#72
Anthracene
Concen: 48.487 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:178 Resp: 4643070
Ion Ratio Lower Upper
178 100
176 23.3 15.4 23.2#
179 18.4 12.6 18.8





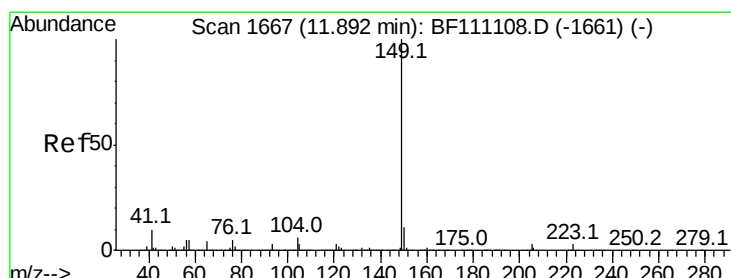
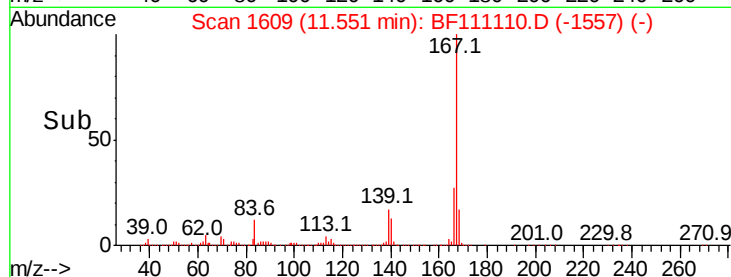
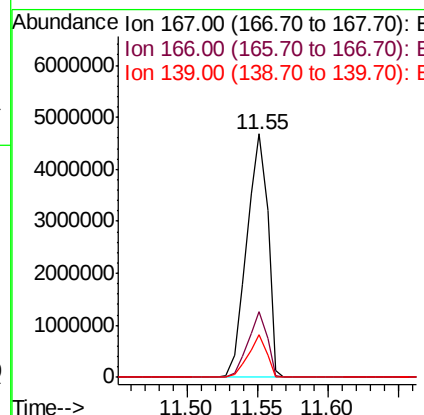
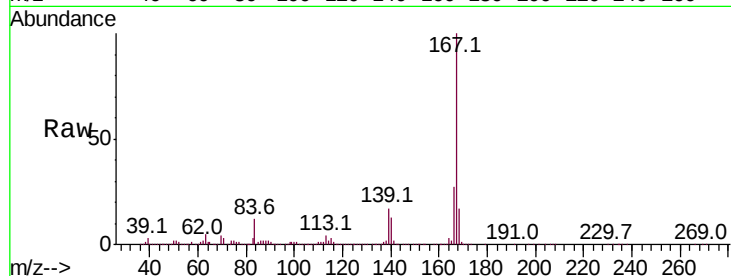
#73
 Carbazole
 Concen: 52.506 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:167 Resp: 4880153
 Ion Ratio Lower Upper
 167 100
 166 26.9 17.4 26.0#
 139 17.4 10.9 16.3#

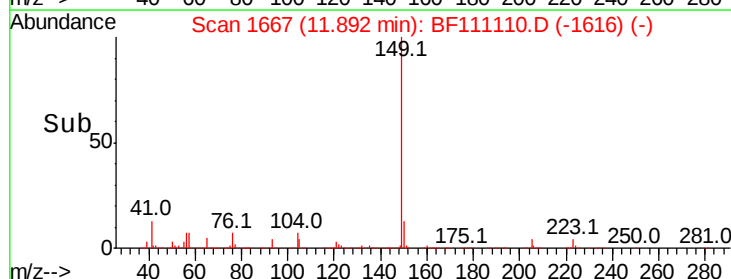
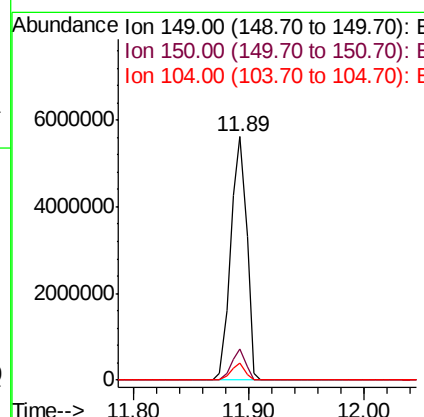
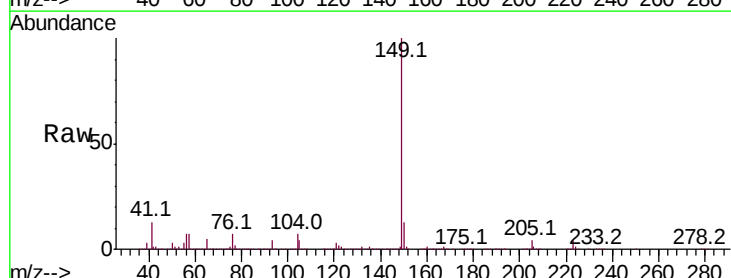
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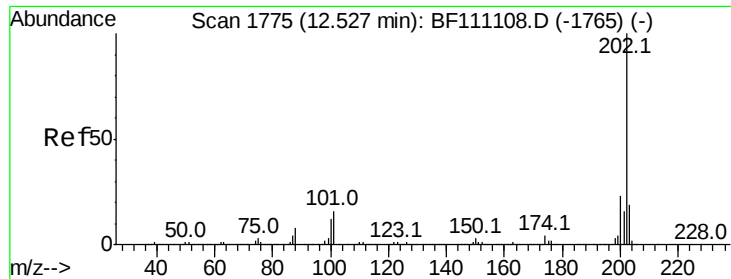
mohammad
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#74
 Di-n-butylphthalate
 Concen: 49.277 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion:149 Resp: 5354957
 Ion Ratio Lower Upper
 149 100
 150 12.8 7.7 11.5#
 104 6.9 4.2 6.4#





#75

Fluoranthene

Concen: 46.862 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

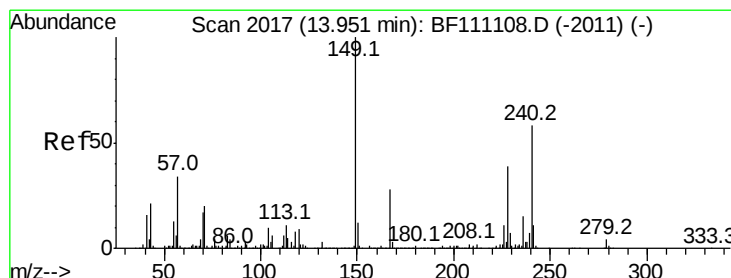
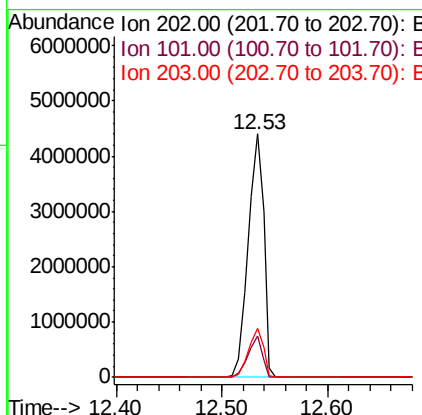
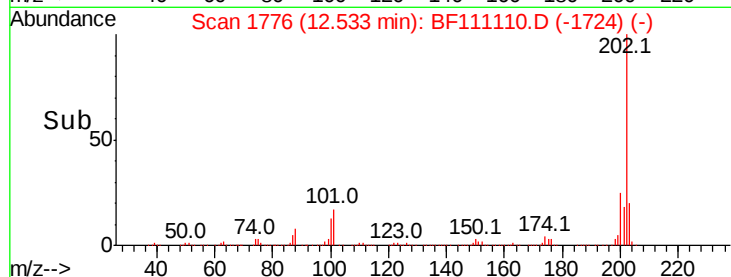
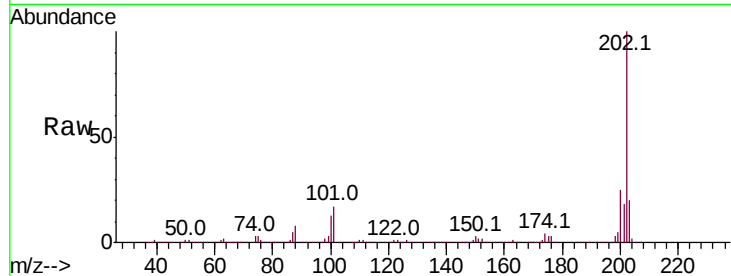
ClientSampleId :

SSTDIC060

Tot Ion:	202	Resp:	4528777
Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	31.4
203	20.2	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

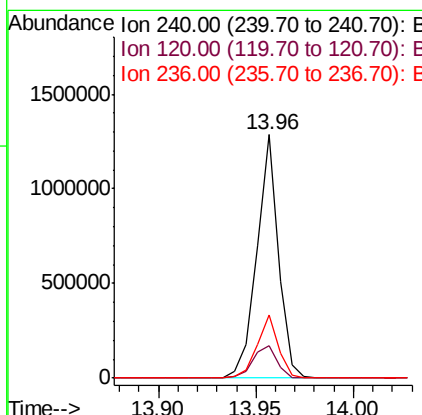
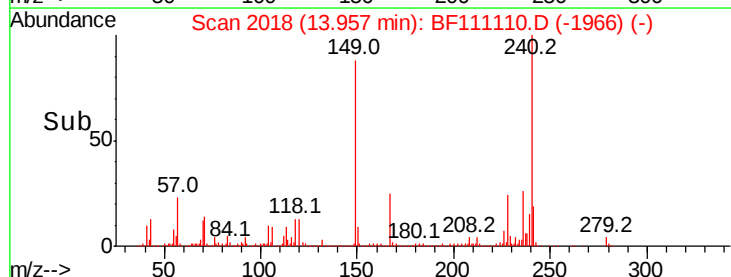
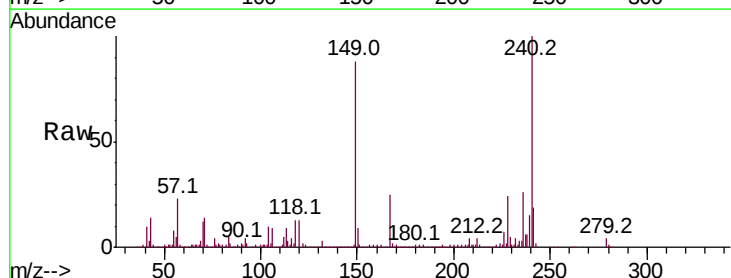
RT: 13.96 min Scan# 2018

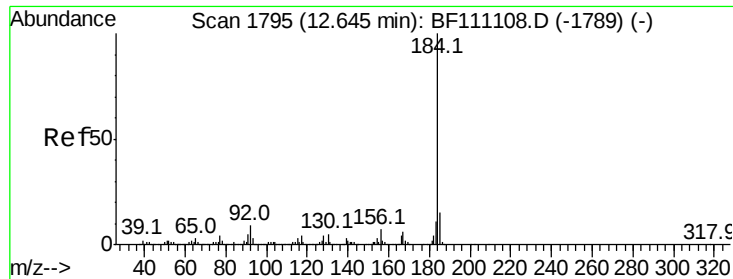
Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Tgt Ion:	240	Resp:	984050
Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.3	12.5#
236	26.1	21.2	31.8





#77

Benzidine

Concen: 46.734 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 1176309

Ion Ratio Lower Upper

184 100

185 16.7 13.4 20.2

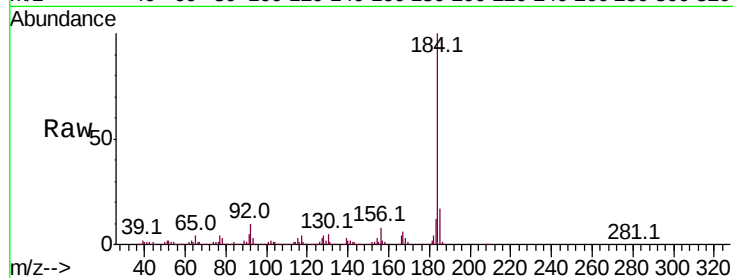
183 11.7 9.4 14.2

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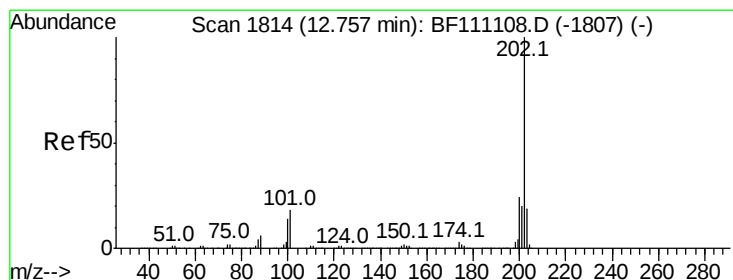
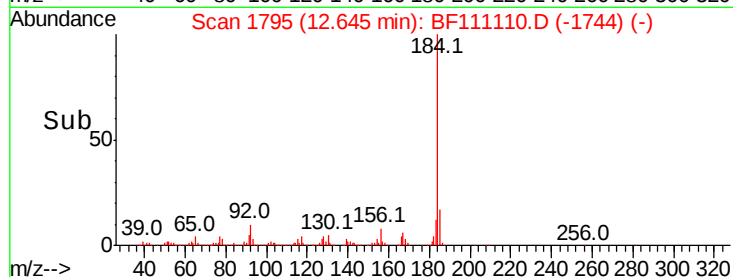
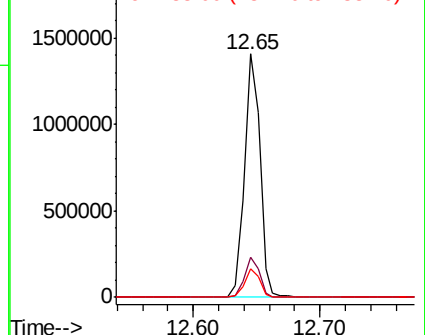
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 63.800 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

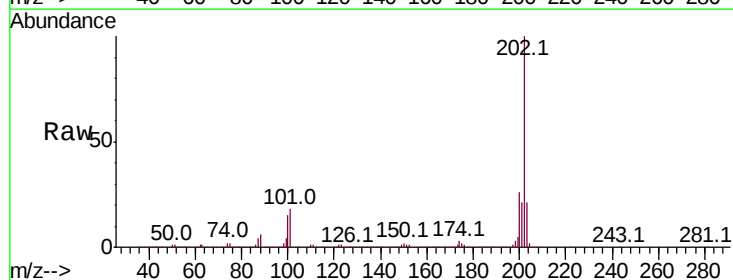
Tgt Ion:202 Resp: 4585492

Ion Ratio Lower Upper

202 100

200 26.0 17.8 26.6

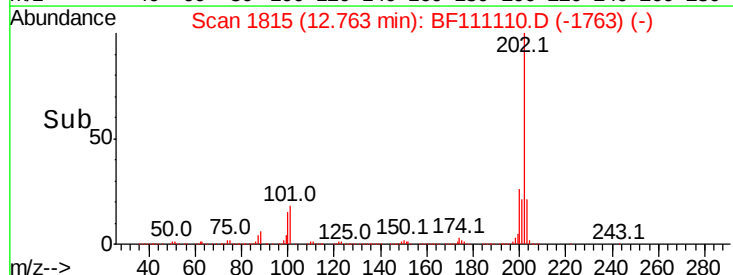
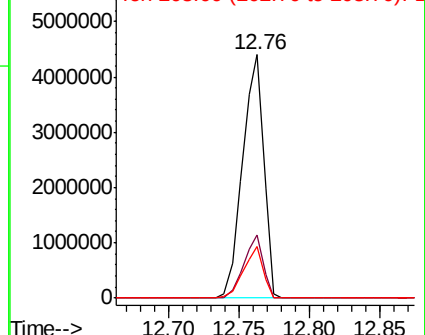
203 21.2 14.2 21.4

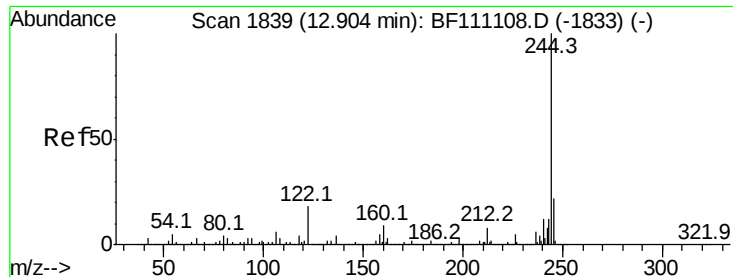


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





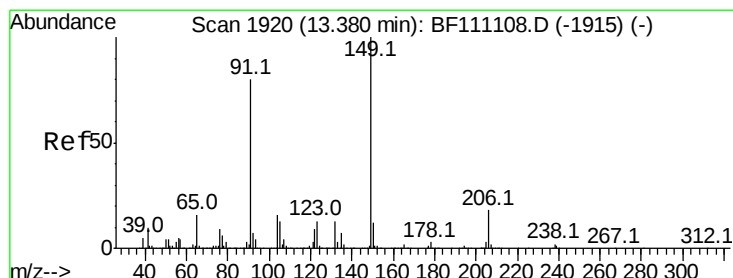
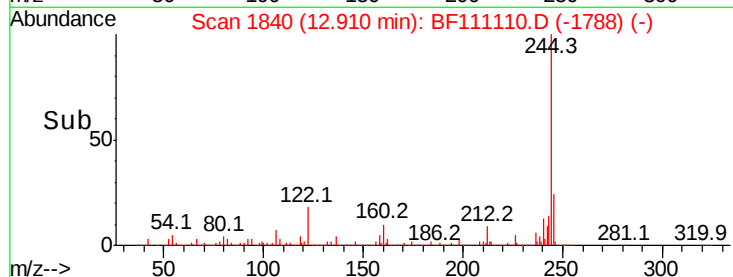
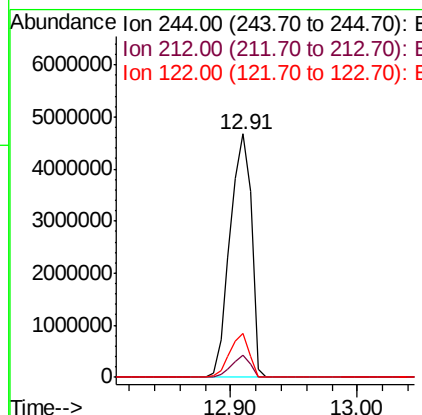
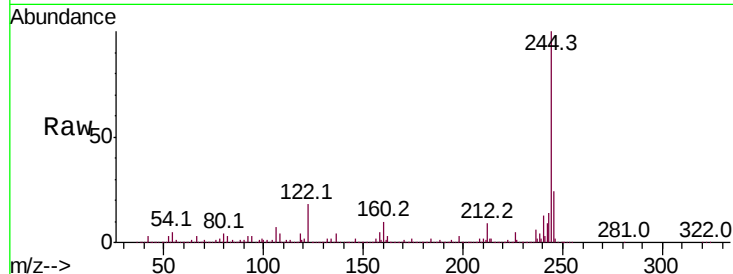
#79
 Terphenyl-d14
 Concen: 107.419 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:244 Resp: 5430135
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 18.3 8.7 13.1#

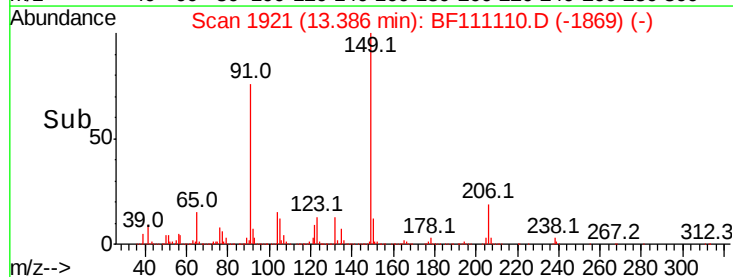
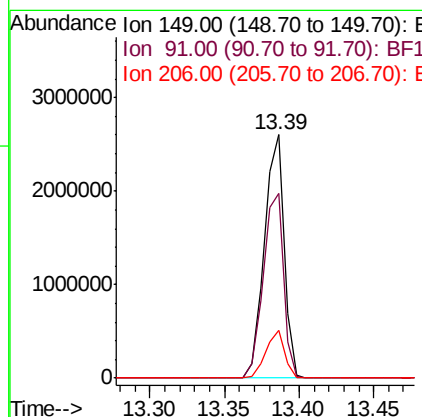
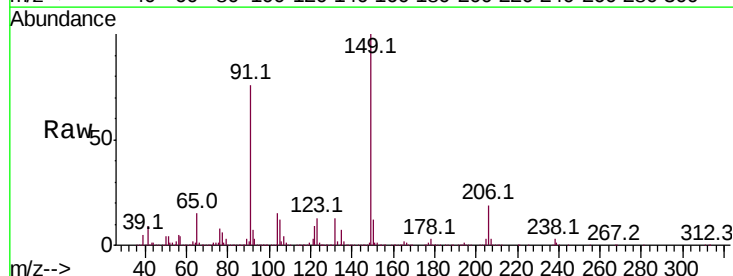
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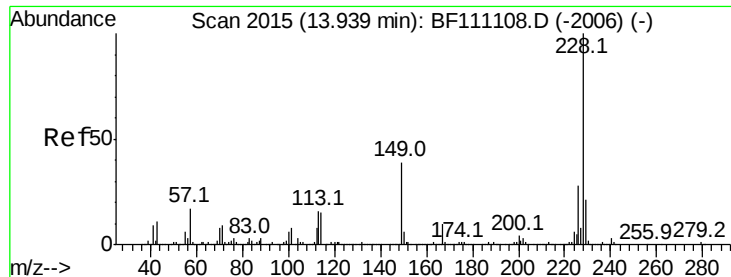
mohammad
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#80
 Butylbenzylphthalate
 Concen: 72.490 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111110.D
 Acq: 5 Dec 2018 15:45

Tgt Ion:149 Resp: 2352227
 Ion Ratio Lower Upper
 149 100
 91 76.1 57.2 85.8
 206 19.4 15.7 23.5





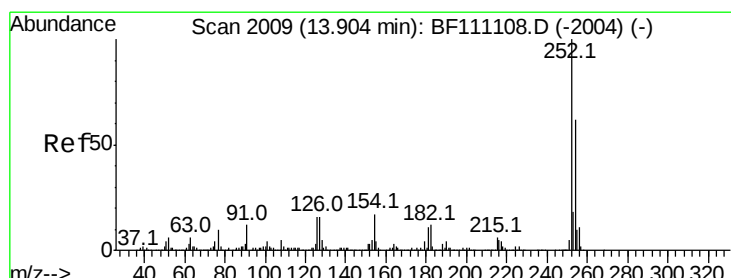
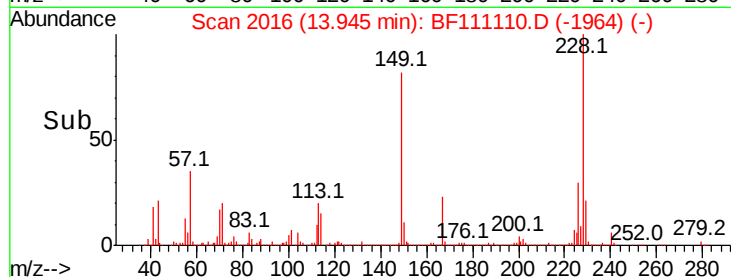
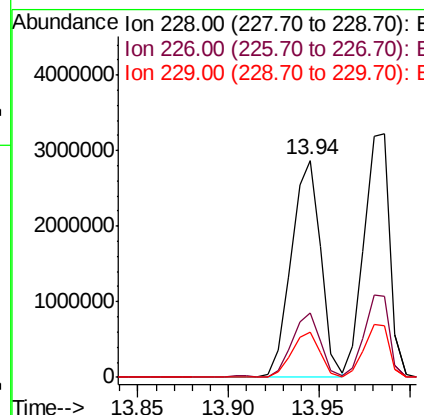
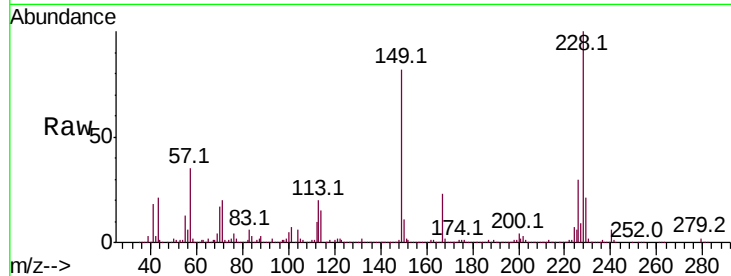
#81
Benzo(a)anthracene
Concen: 56.154 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:228 Resp: 3262369
Ion Ratio Lower Upper
228 100
226 30.0 22.1 33.1
229 21.1 15.6 23.4

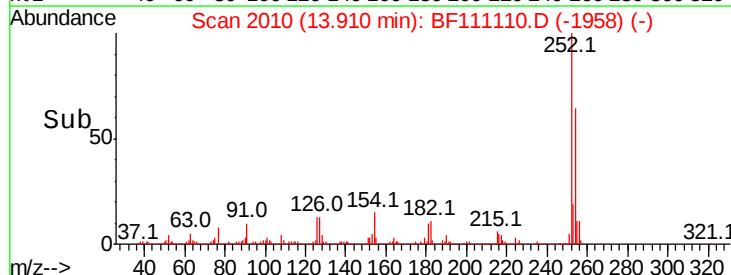
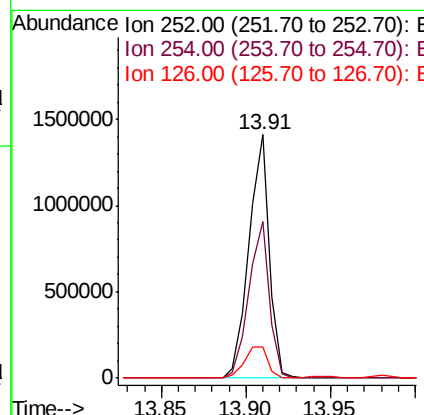
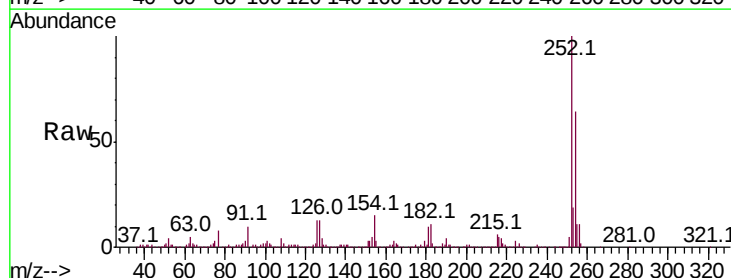
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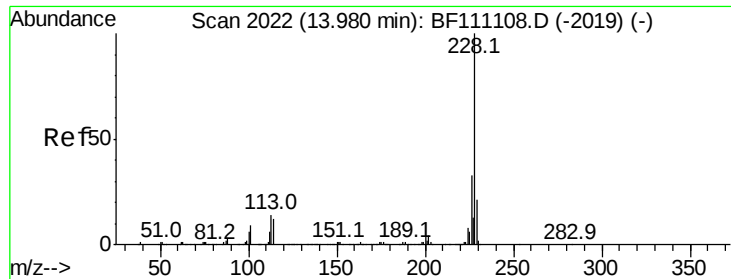
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#82
3,3'-Dichlorobenzidine
Concen: 59.903 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion:252 Resp: 1193306
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 12.8 9.4 14.2





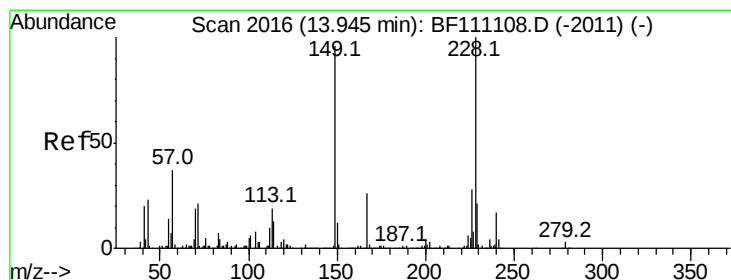
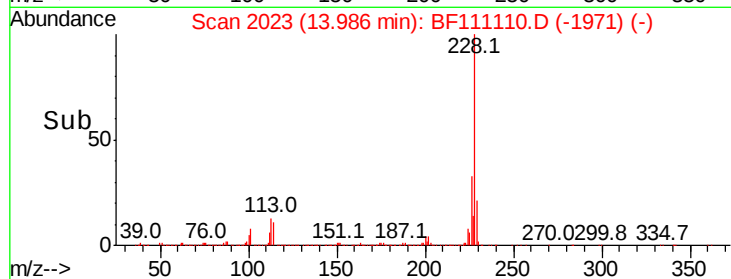
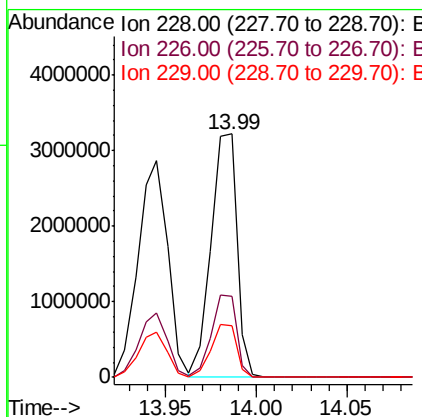
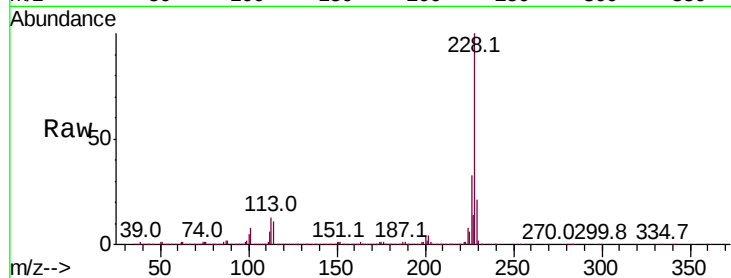
#83
Chrysene
Concen: 56.187 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.7	37.1
229	21.4	15.9	23.9

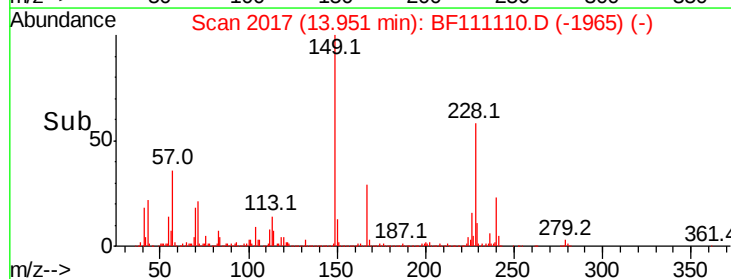
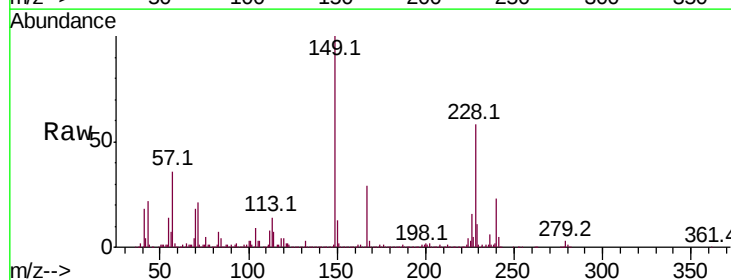
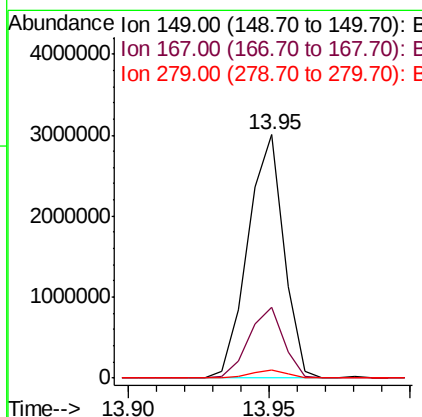
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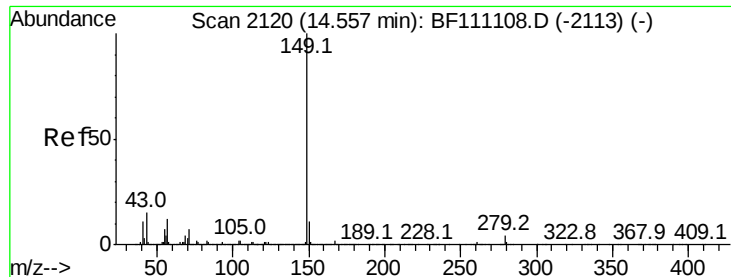
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#84
Bis(2-ethylhexyl)phthalate
Concen: 61.491 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	19.8	29.8
279	3.5	2.7	4.1





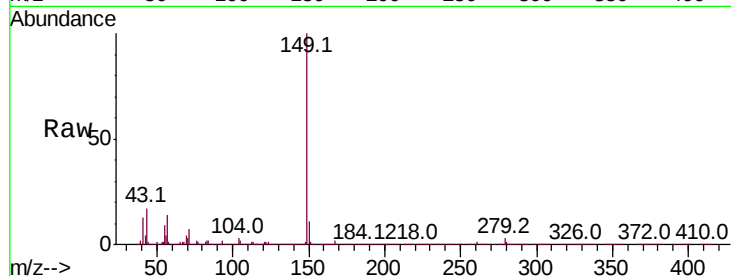
#85
Di-n-octyl phthalate
Concen: 60.046 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7#
43	17.0	7.8	11.8#

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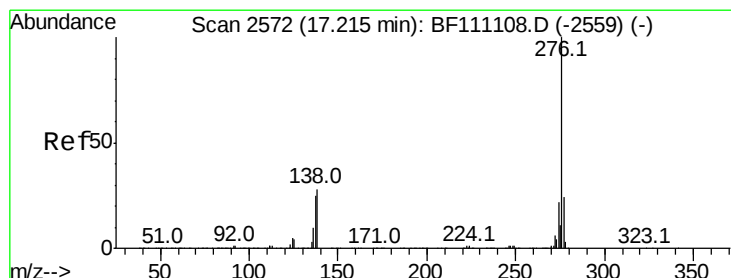
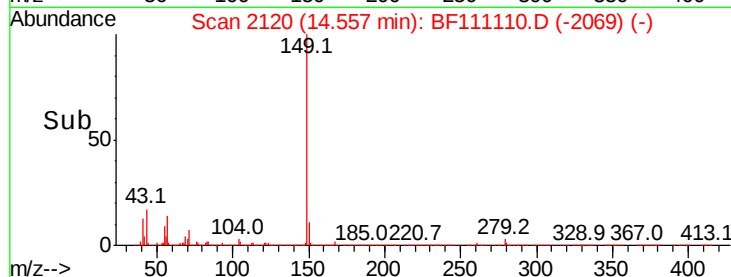
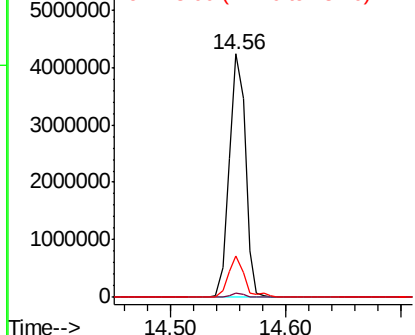


Abundance

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: 72.197 ng m
RT: 16.80 min Scan# 2501
Delta R.T. -0.42 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

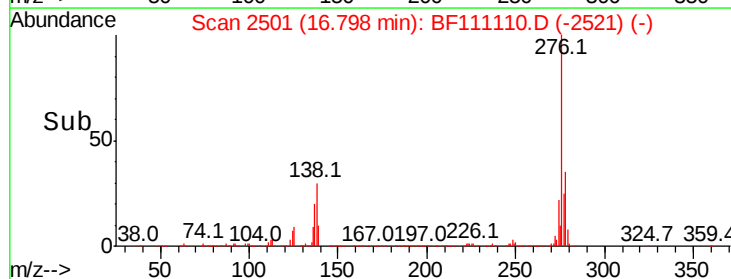
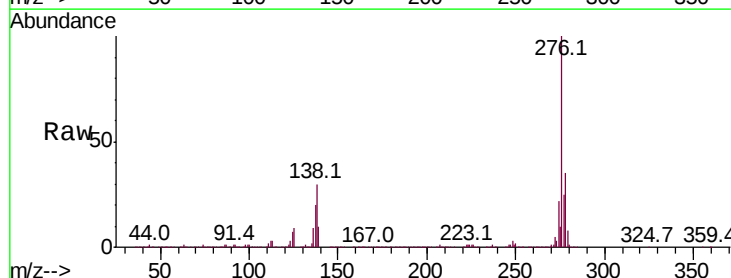
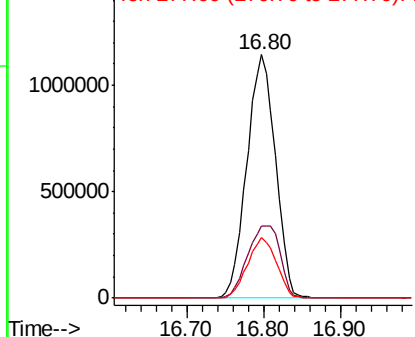
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.5	27.7
277	20.1	20.0	30.0

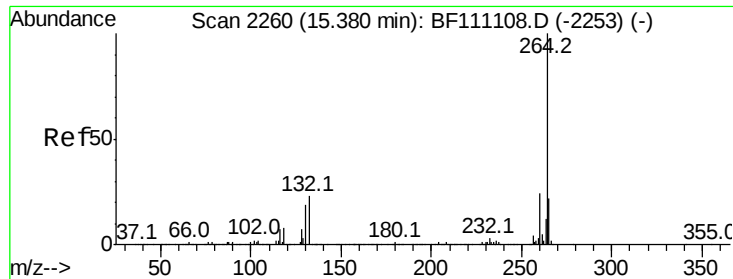
Abundance

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





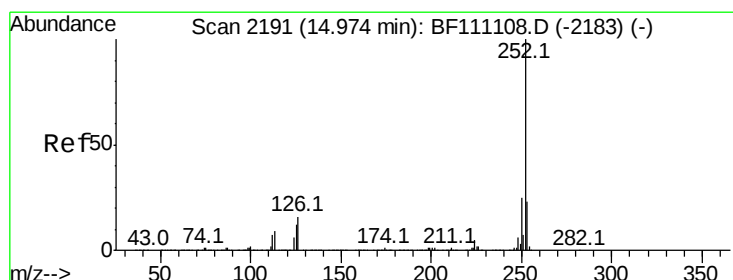
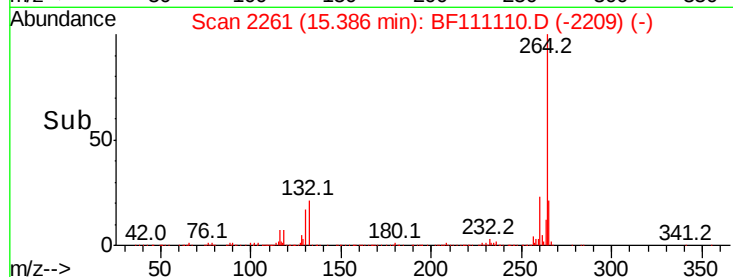
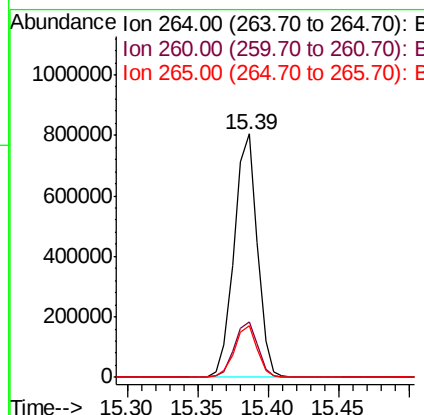
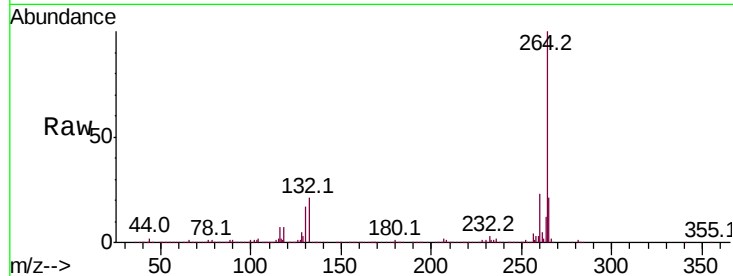
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.3	16.7	25.1

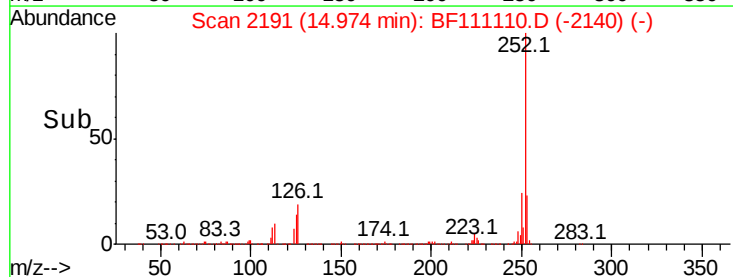
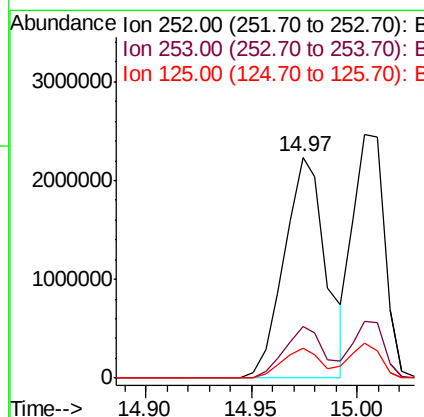
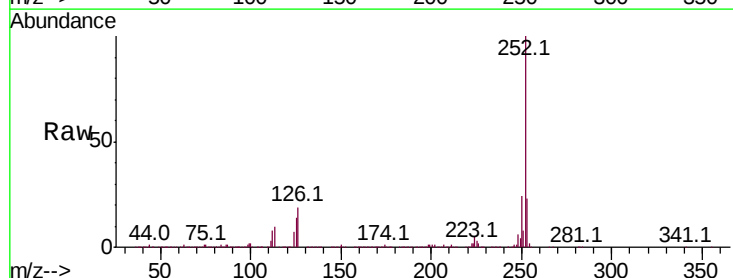
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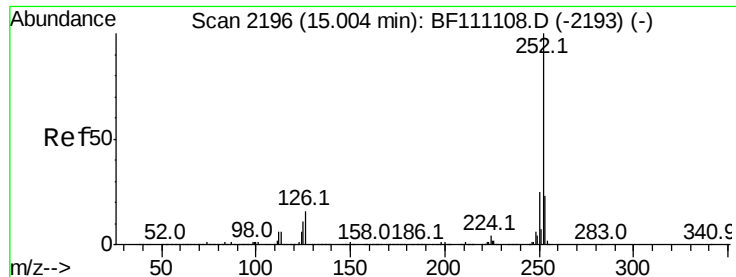
mohammad
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#88
Benzo(b)fluoranthene
Concen: 56.875 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111110.D
Acq: 5 Dec 2018 15:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.7	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 46.219 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 2579873

Ion Ratio Lower Upper

252 100

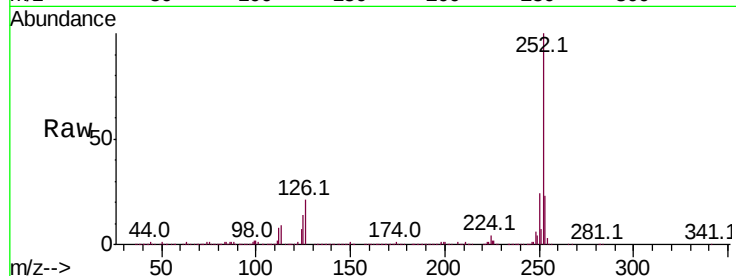
253 23.4 17.2 25.8

125 14.4 7.4 11.0#

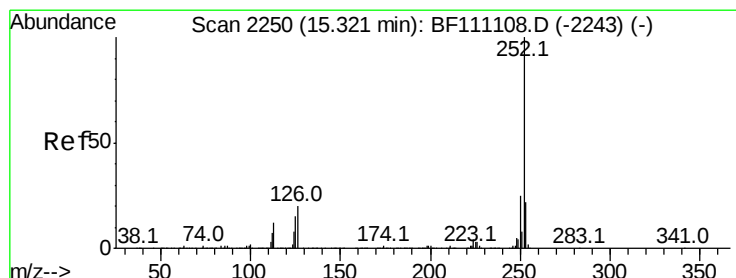
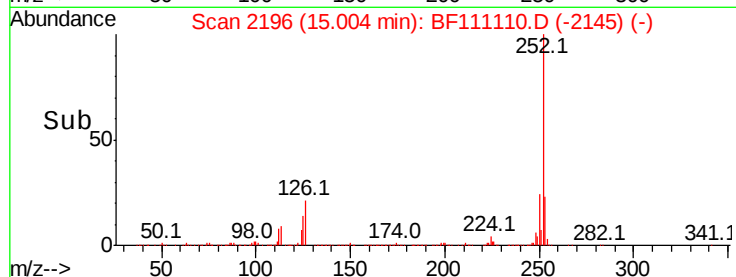
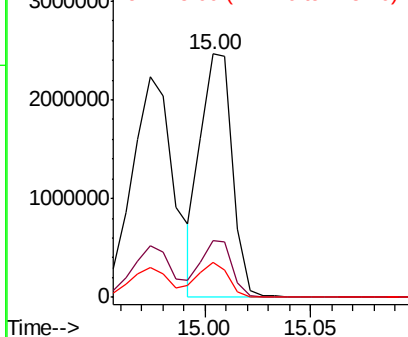
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 54.413 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

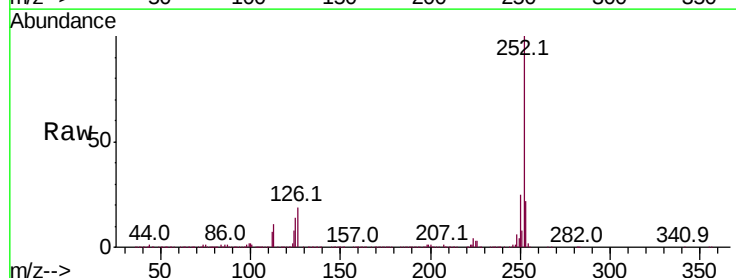
Tgt Ion:252 Resp: 2746697

Ion Ratio Lower Upper

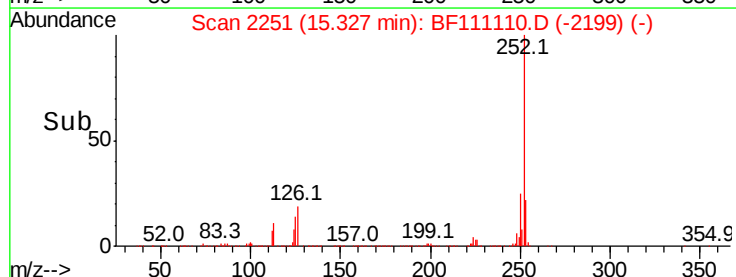
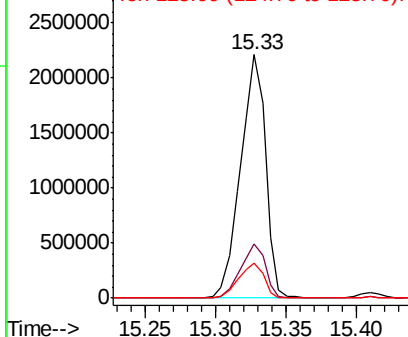
252 100

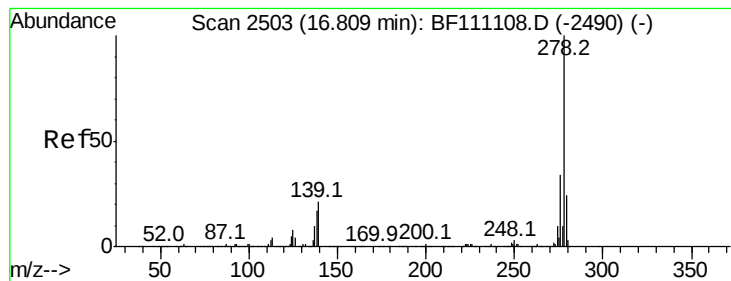
253 22.1 18.2 27.4

125 14.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 59.200 ng

RT: 16.82 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:278 Resp: 2465608

Ion Ratio Lower Upper

278 100

139 22.2 12.7 19.1#

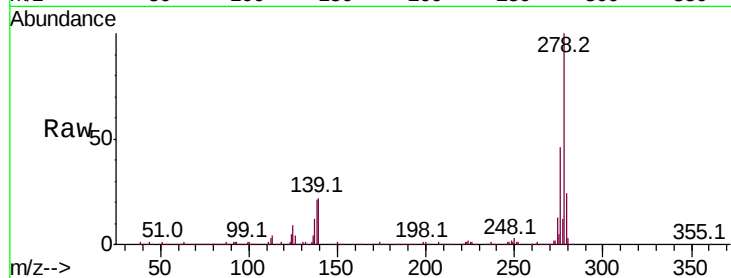
279 24.0 19.0 28.4

Manual Integrations

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mohammad

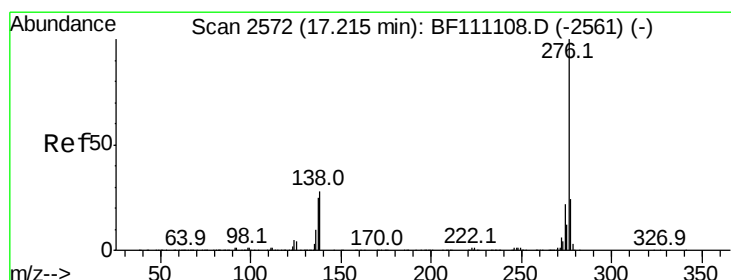
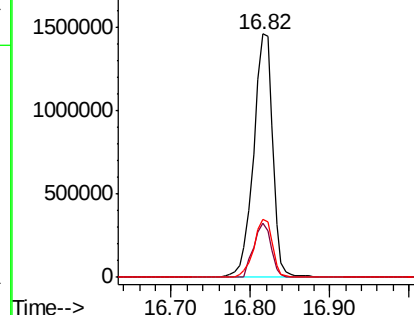
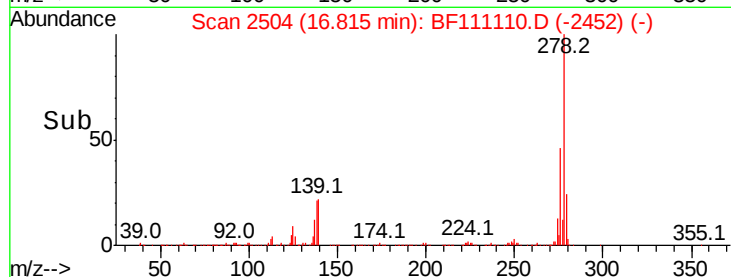
12/6/2018 12:11:38 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 62.403 ng

RT: 17.23 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BF111110.D

Acq: 5 Dec 2018 15:45

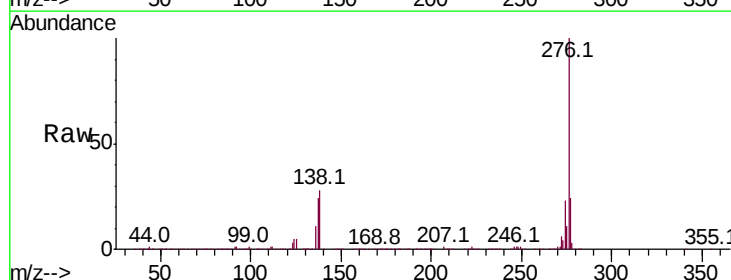
Tgt Ion:276 Resp: 2505943

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 28.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

