

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111109.D
 Acq On : 5 Dec 2018 15:18
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 12/6/2018 12:11:35 PM

Quant Time: Dec 05 17:27:25 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	577654	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2365286	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1081567	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1824711	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1064352	20.00	ng	0.00
87) Perylene-d12	15.39	264	944122	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	3417320	98.10	ng	0.00
7) Phenol-d6	6.44	99	4392532	96.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	3957688	95.76	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	817222	76.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	5674184	76.01	ng	0.00
79) Terphenyl-d14	12.91	244	4921596	90.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	1019541	61.092	ng	# 82
3) Pyridine	3.28	79	2309771	63.206	ng	# 71
4) n-Nitrosodimethylamine	3.22	42	1143647	68.393	ng	# 79
6) Aniline	6.47	93	3013774	53.705	ng	# 55
8) 2-Chlorophenol	6.59	128	1967141	47.651	ng	94
9) Benzaldehyde	6.35	77	1195974	49.358	ng	98
10) Phenol	6.45	94	2418485m	47.308	ng	
11) bis(2-Chloroethyl)ether	6.55	93	1966589	51.061	ng	90
12) 1,3-Dichlorobenzene	6.75	146	2106810	46.455	ng	97
13) 1,4-Dichlorobenzene	6.82	146	2134372	45.765	ng	97
14) 1,2-Dichlorobenzene	6.98	146	1941403	44.229	ng	97
15) Benzyl Alcohol	6.95	79	1795453	51.467	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	3882413	63.341	ng	65
17) 2-Methylphenol	7.06	107	1672236	50.947	ng	# 82
18) Hexachloroethane	7.32	117	817308	47.641	ng	89
19) n-Nitroso-di-n-propylamine	7.23	70	1511589	51.120	ng	# 84
20) 3+4-Methylphenols	7.22	107	1926604	44.156	ng	# 75
22) Acetophenone	7.22	105	2599906	46.894	ng	# 91
24) Nitrobenzene	7.39	77	2121754	49.368	ng	97
25) Isophorone	7.63	82	3479441	51.324	ng	96
26) 2-Nitrophenol	7.70	139	971758	46.539	ng	93
27) 2,4-Dimethylphenol	7.74	122	1611391	51.101	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	2321392	51.112	ng	99
29) 2,4-Dichlorophenol	7.94	162	1629267	49.376	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	1601203	43.300	ng	94
31) Naphthalene	8.11	128	4853875	43.778	ng	# 92
32) Benzoic acid	7.87	122	1031176m	43.984	ng	
33) 4-Chloroaniline	8.16	127	2299627	48.730	ng	98
34) Hexachlorobutadiene	8.23	225	881227	41.839	ng	100
35) Caprolactam	8.54	113	589984	52.372	ng	# 71
36) 4-Chloro-3-methylphenol	8.64	107	1759522	47.992	ng	96
37) 2-Methylnaphthalene	8.80	142	3233814	44.158	ng	99
38) 1-Methylnaphthalene	8.90	142	3153802m	44.274	ng	
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1342843	39.468	ng	# 97

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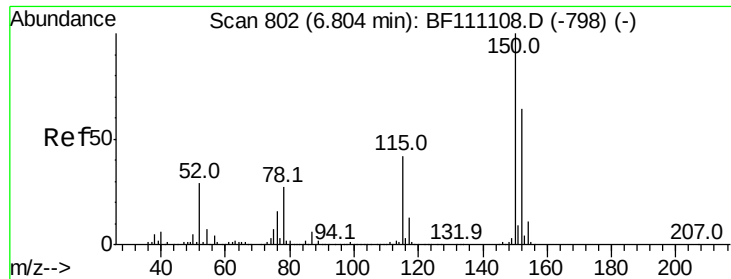
Manual Integrations
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 12/6/2018 12:11:35 PM

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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	766991	224.033	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	1037031	51.034	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	1030153	48.146	nq	# 93
46) 1,1'-Biphenyl	9.27	154	4028193	40.397	nq	91
47) 2-Chloronaphthalene	9.29	162	3192955	44.163	nq	94
48) 2-Nitroaniline	9.38	65	1139658	50.396	nq	97
49) Acenaphthylene	9.70	152	4580550	44.555	nq	# 91
50) Dimethylphthalate	9.57	163	3511948	44.274	nq	97
51) 2,6-Dinitrotoluene	9.62	165	839297	47.528	nq	93
52) Acenaphthene	9.88	154	2926293	44.401	nq	97
53) 3-Nitroaniline	9.79	138	1030833	50.085	nq	93
54) 2,4-Dinitrophenol	9.89	184	236530	42.137	nq	# 1
55) Dibenzofuran	10.05	168	4152574	43.189	nq	97
56) 4-Nitrophenol	9.94	139	789484	76.912	nq	91
57) 2,4-Dinitrotoluene	10.02	165	1062976	46.396	nq	96
58) Fluorene	10.39	166	2898420	38.745	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	783064	44.595	nq	# 86
60) Diethylphthalate	10.27	149	3548517	43.381	nq	97
61) 4-Chlorophenyl-phenylether	10.38	204	1453355	37.144	nq	89
62) 4-Nitroaniline	10.40	138	946126	49.372	nq	91
63) Azobenzene	10.55	77	3688814	46.267	nq	89
65) 4,6-Dinitro-2-methylphenol	10.43	198	402404	46.620	nq	# 77
66) n-Nitrosodiphenylamine	10.50	169	2945415	48.489	nq	92
67) 4-Bromophenyl-phenylether	10.87	248	908022	45.692	nq	93
68) Hexachlorobenzene	10.94	284	927949	43.839	nq	# 86
69) Atrazine	11.03	200	674901	43.173	nq	99
70) Pentachlorophenol	11.13	266	662712	78.694	nq	99
71) Phenanthrene	11.35	178	4080743	42.225	nq	95
72) Anthracene	11.40	178	4126334	41.926	nq	93
73) Carbazole	11.55	167	4275223	44.754	nq	93
74) Di-n-butylphthalate	11.89	149	4712963	42.197	nq	# 95
75) Fluoranthene	12.53	202	3988077	40.151	nq	93
77) Benzidine	12.65	184	1389545	51.041	nq	99
78) Pyrene	12.76	202	4057781	52.199	nq	95
80) Butylbenzylphthalate	13.39	149	2057382	58.620	nq	98
81) Benzo(a)anthracene	13.94	228	2953265	46.998	nq	97
82) 3,3'-Dichlorobenzidine	13.91	252	1144261	53.107	nq	99
83) Chrysene	13.98	228	2960541	47.860	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	2378929	50.869	nq	94
85) Di-n-octyl phthalate	14.56	149	3695680	50.063	nq	# 86
86) Indeno(1,2,3-cd)pyrene	16.79	276	2565696m	57.783	nq	
88) Benzo(b)fluoranthene	14.97	252	2491514	44.922	nq	# 95
89) Benzo(k)fluoranthene	15.00	252	2485363	43.536	nq	# 94
90) Benzo(a)pyrene	15.33	252	2371179	45.929	nq	# 96
91) Dibenzo(a,h)anthracene	16.82	278	2158357	50.670	nq	# 94
92) Benzo(g,h,i)perylene	17.22	276	2168918	52.809	nq	# 91

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



#1

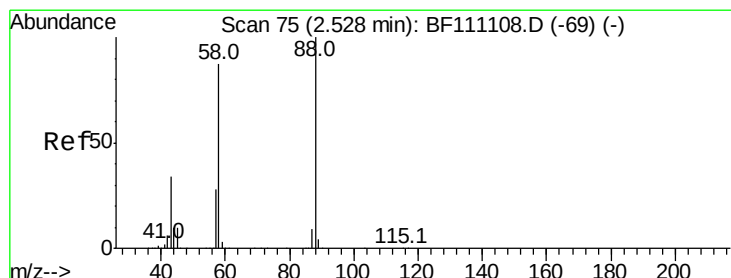
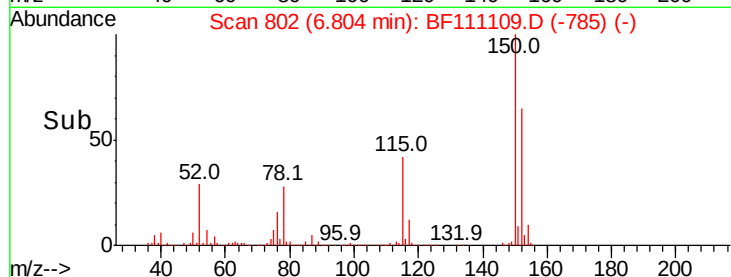
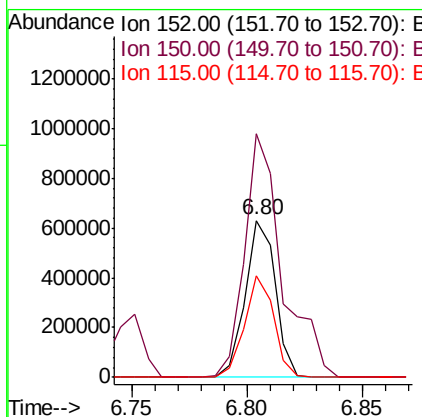
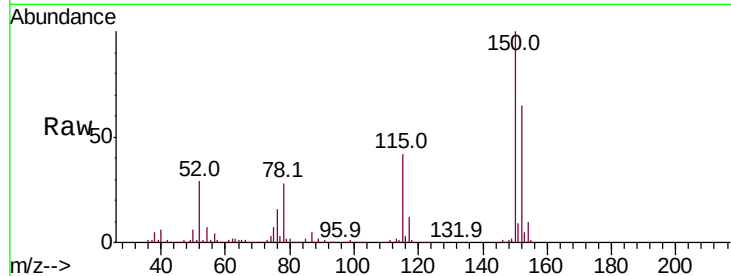
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	64.9	49.1	73.7

Manual Integrations
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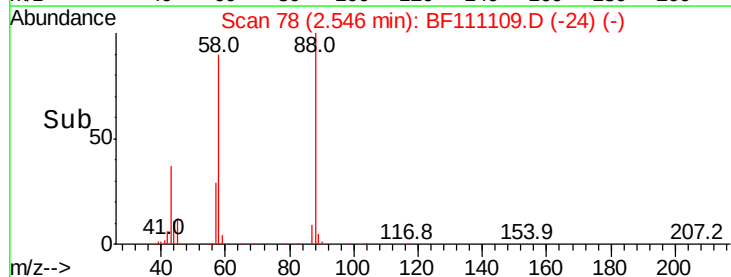
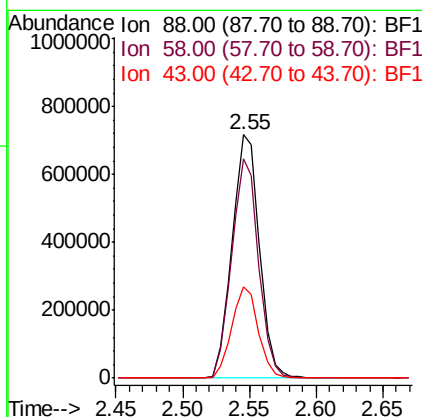
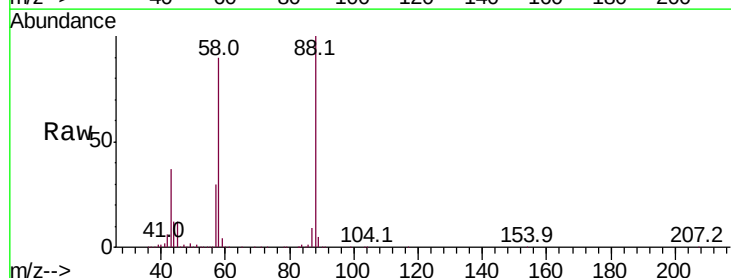
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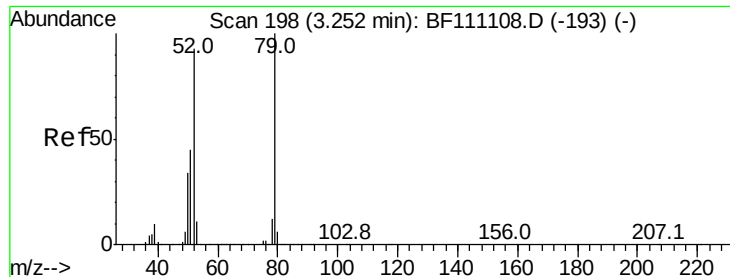


#2

1,4-Dioxane
Concen: 61.092 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.9	57.1	85.7#
43	36.5	24.1	36.1#





#3

Pvridine

Concen: 63.206 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 79 Resp: 2309771

Ion Ratio Lower Upper

79 100

52 93.7 53.1 79.7#

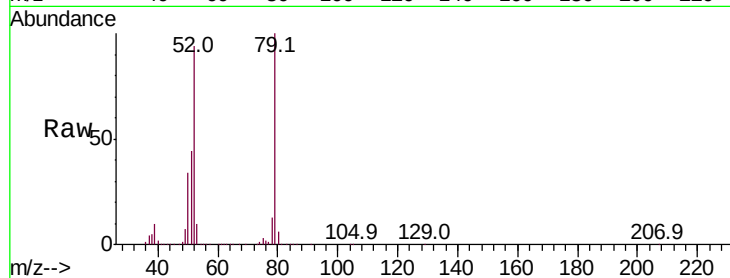
51 44.4 27.4 41.2#

Manual Integrations

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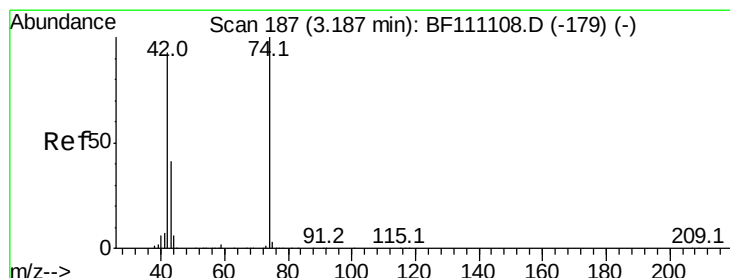
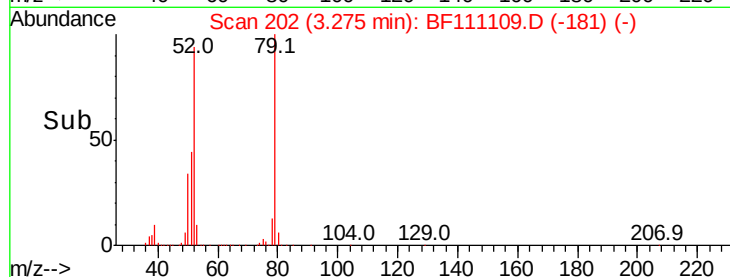
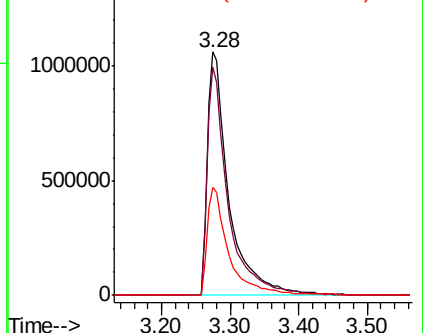
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 68.393 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

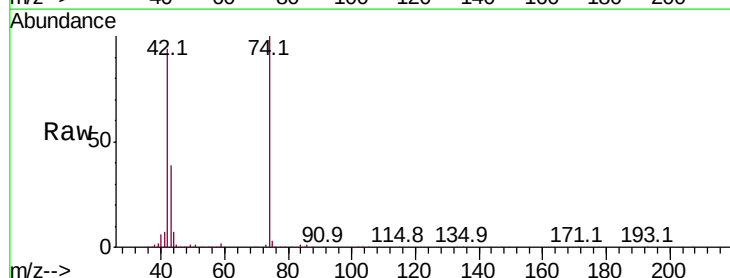
Tgt Ion: 42 Resp: 1143647

Ion Ratio Lower Upper

42 100

74 106.6 105.5 158.3

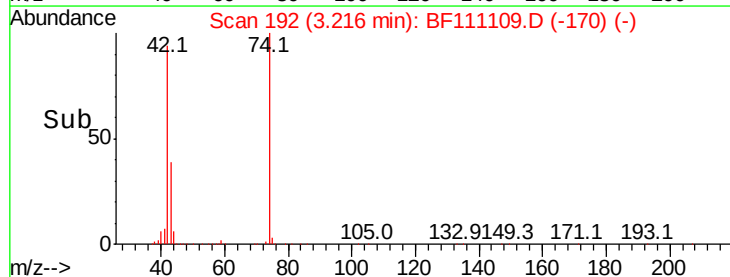
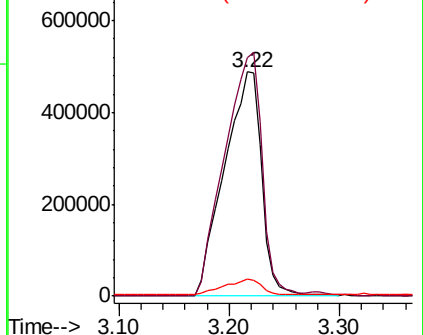
44 7.4 4.9 7.3#

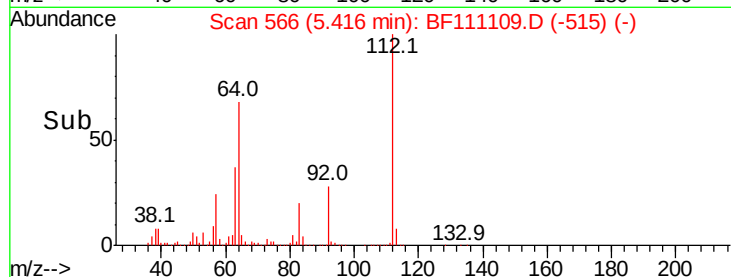
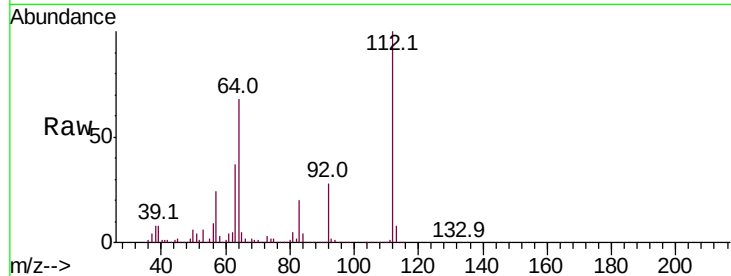
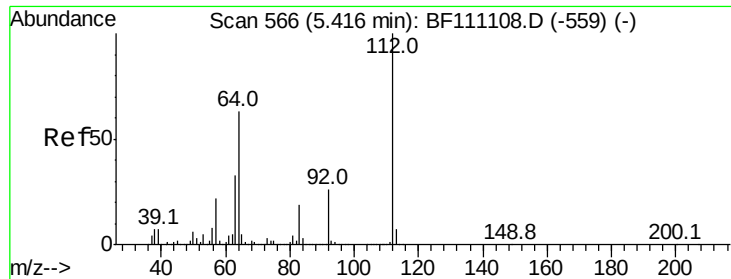


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.104 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 3417320

Ion Ratio Lower Upper

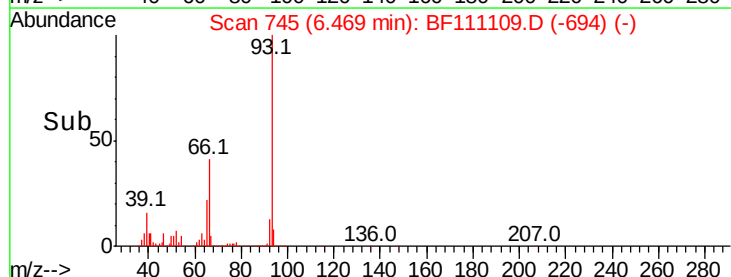
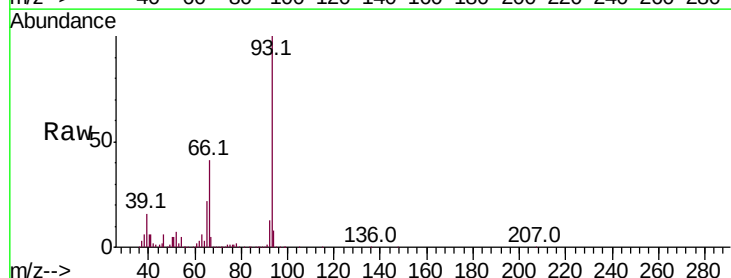
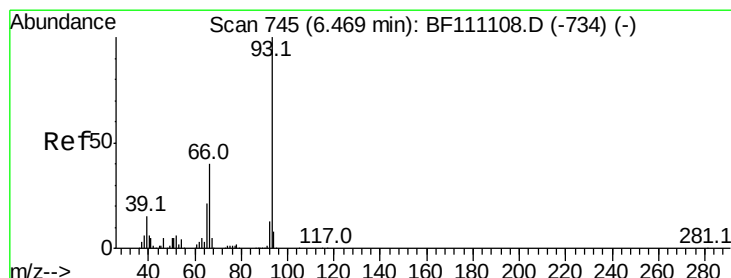
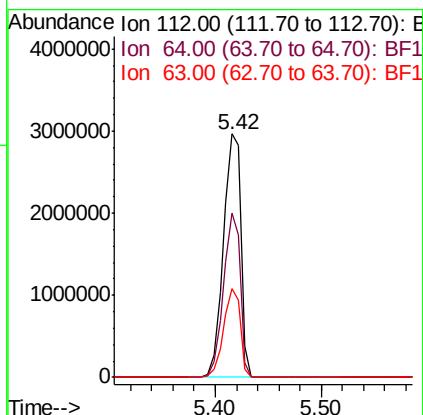
112 100

64 67.6 44.1 66.1#

63 36.5 23.7 35.5#

Manual Integrations
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#6

Aniline

Concen: 53.705 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

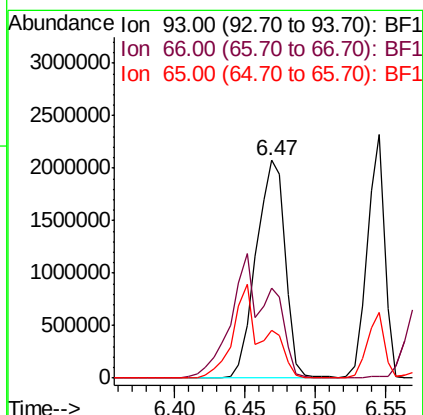
Tgt Ion: 93 Resp: 3013774

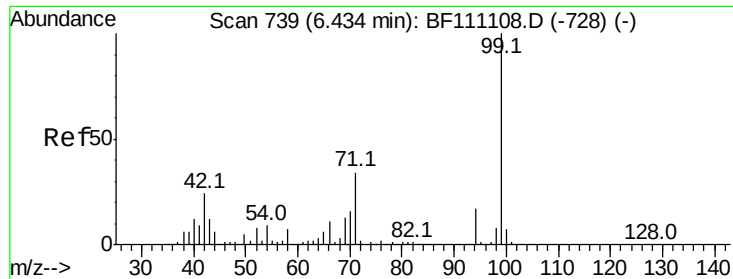
Ion Ratio Lower Upper

93 100

66 41.2 67.4 101.0#

65 22.0 41.0 61.4#





#7

Phenol-d6

Concen: 96.764 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 4392532

Ion Ratio Lower Upper

99 100

42 24.3 15.8 23.6#

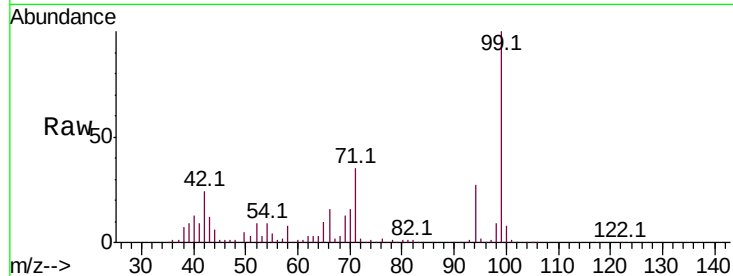
71 34.5 28.0 42.0

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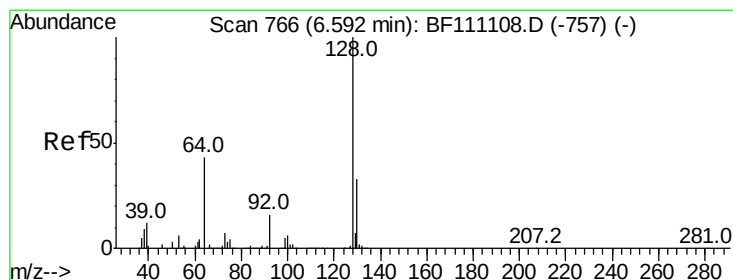
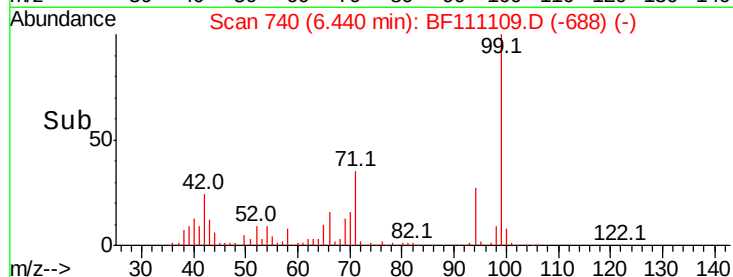
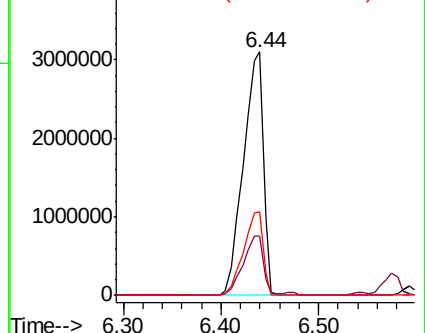
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.651 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

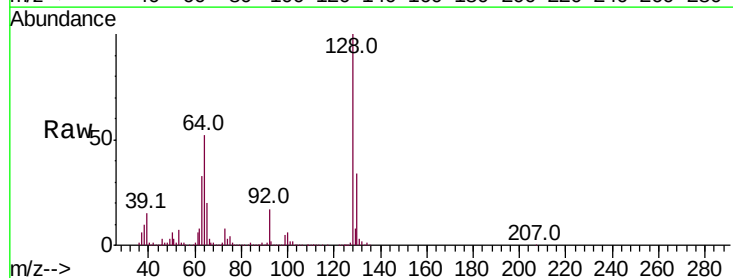
Tgt Ion:128 Resp: 1967141

Ion Ratio Lower Upper

128 100

130 33.9 13.1 53.1

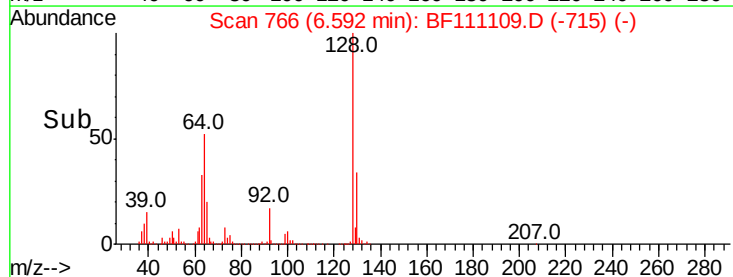
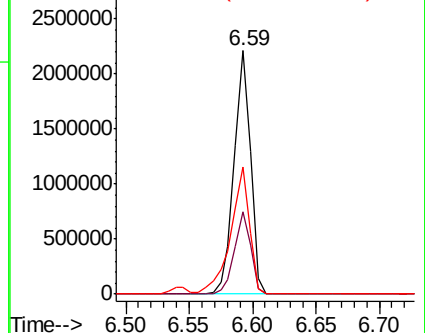
64 52.2 26.0 66.0

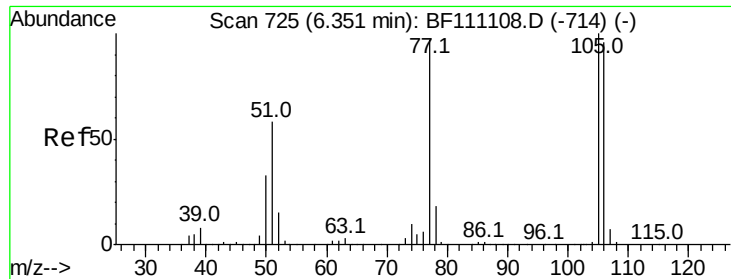


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.358 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 1195974

Ion Ratio Lower Upper

77 100

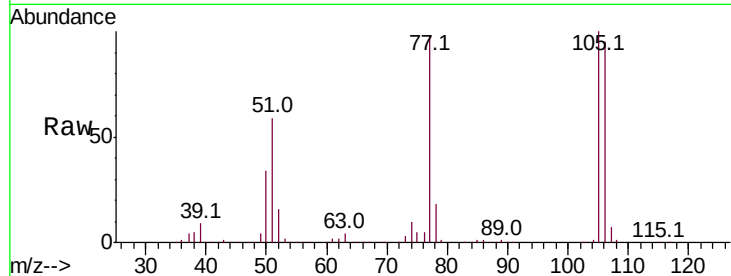
105 101.8 78.6 118.6

106 96.2 74.8 114.8

Manual Integrations
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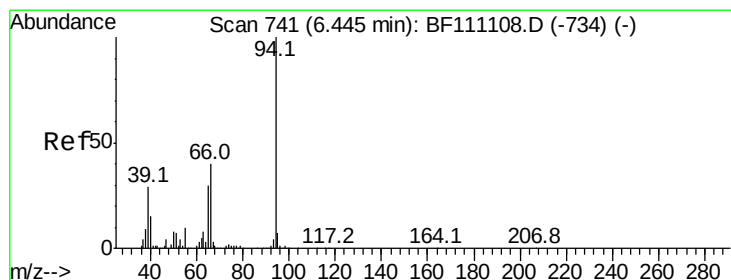
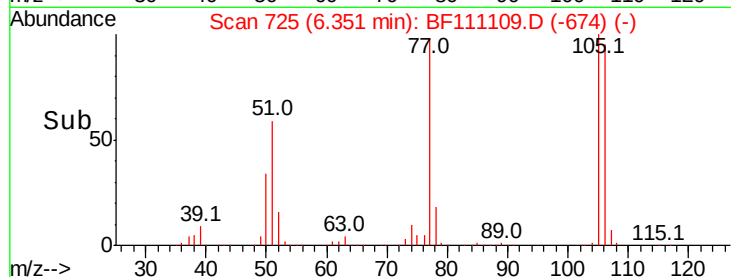
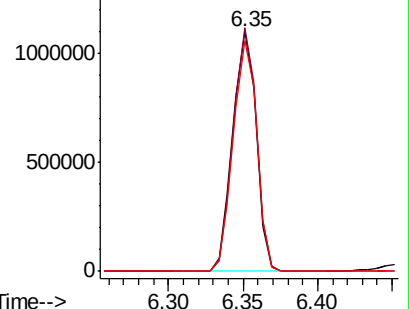
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.308 ng m

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

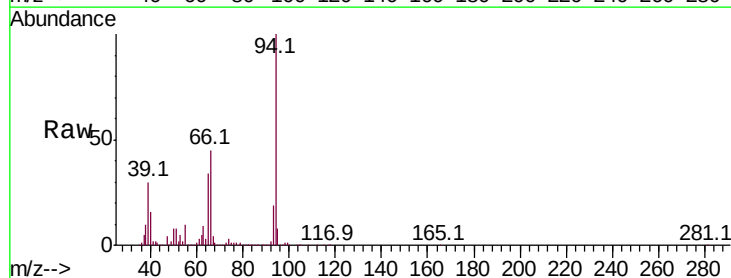
Tgt Ion: 94 Resp: 2418485

Ion Ratio Lower Upper

94 100

65 33.8 25.3 65.3

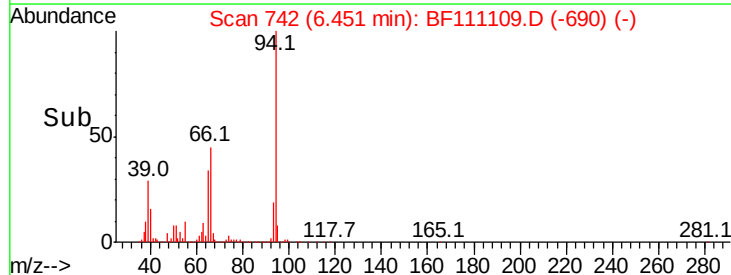
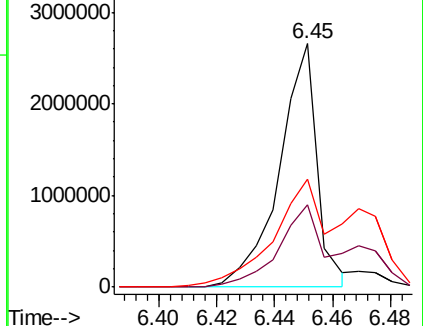
66 44.5 54.5 94.5#

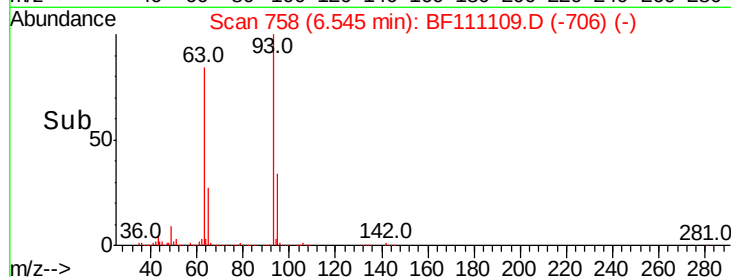
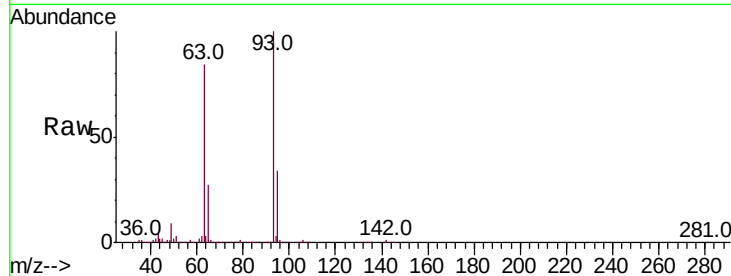
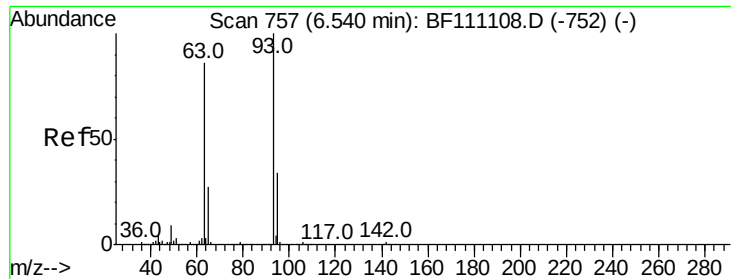


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11
bis(2-Chloroethyl)ether
Concen: 51.061 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

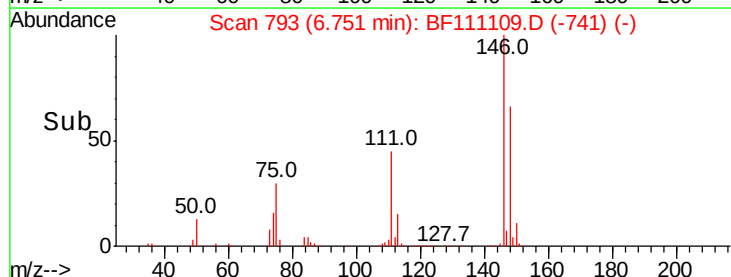
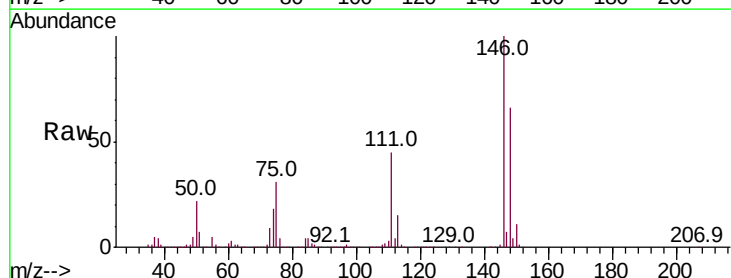
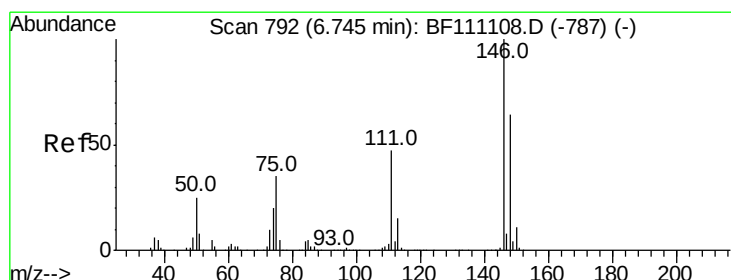
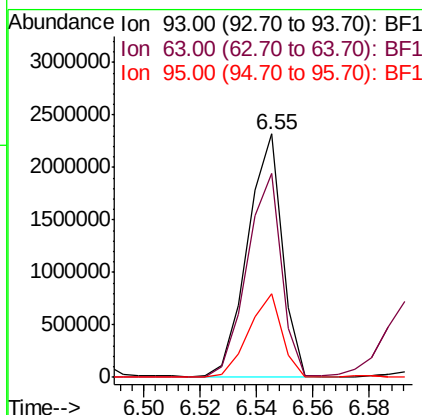
Tot Ion: 93 Resp: 1966589

Ion	Ratio	Lower	Upper
93	100		
63	83.9	53.4	93.4
95	34.2	12.1	52.1

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

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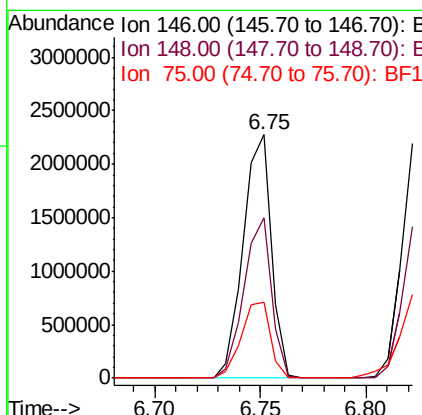
mohammad
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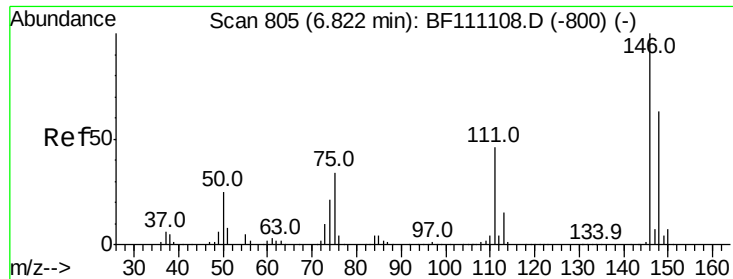


#12
1,3-Dichlorobenzene
Concen: 46.455 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion: 146 Resp: 2106810

Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.4	75.6
75	31.0	25.8	38.6





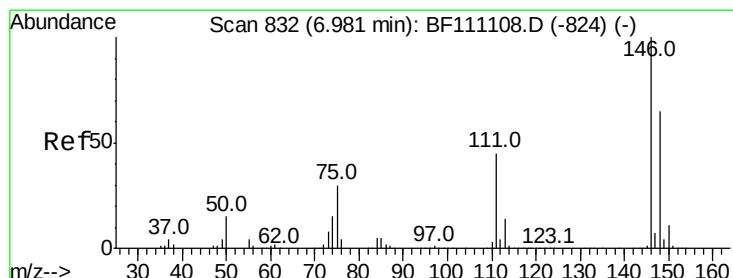
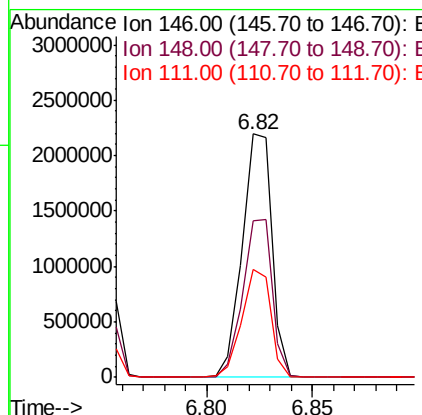
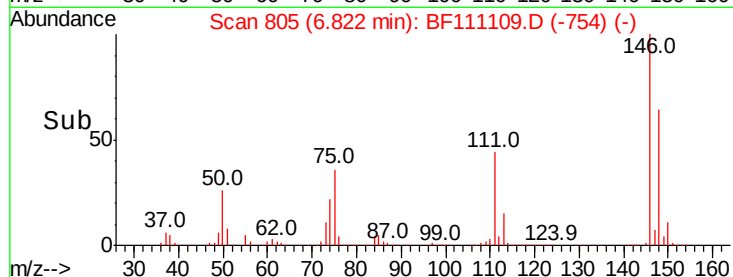
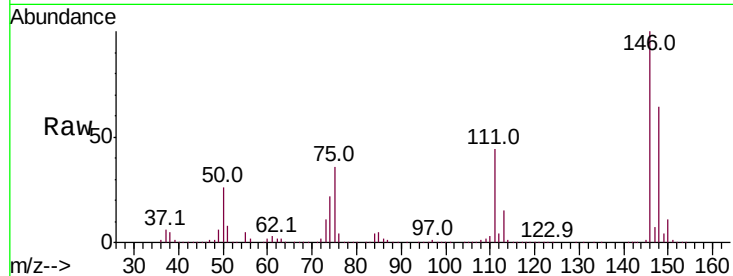
#13
 1,4-Dichlorobenzene
 Concen: 45.765 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC050

Tot Ion:146 Resp: 2134372
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.3 75.5
 111 44.5 32.7 49.1

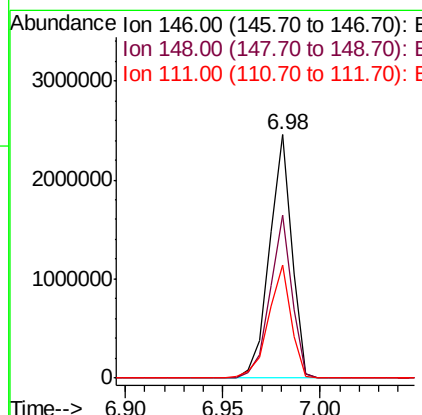
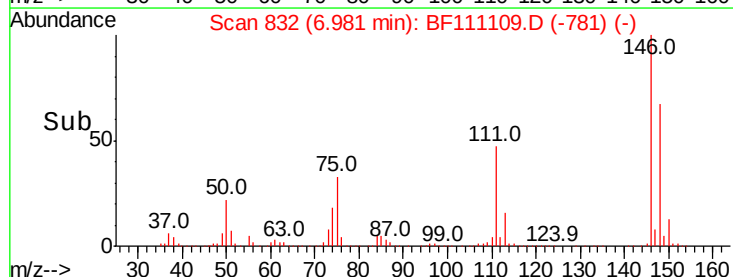
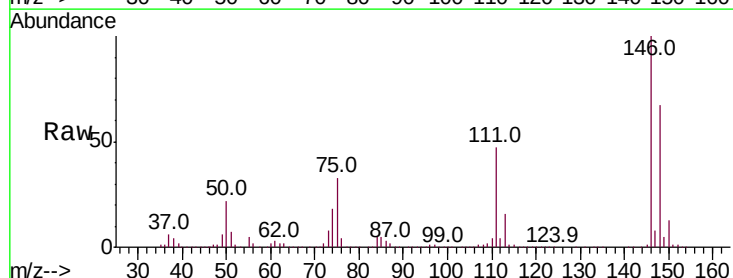
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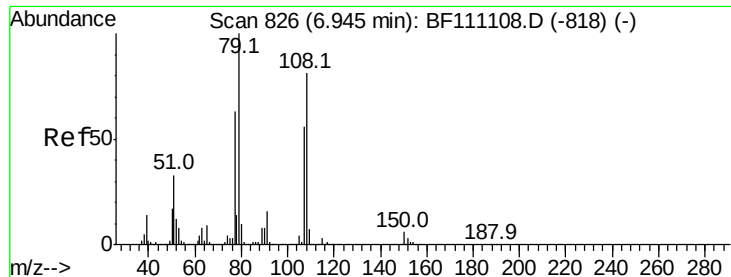
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.229 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion:146 Resp: 1941403
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.1 76.7
 111 46.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 51.467 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 1795453

Ion Ratio Lower Upper

79 100

108 79.1 56.3 84.5

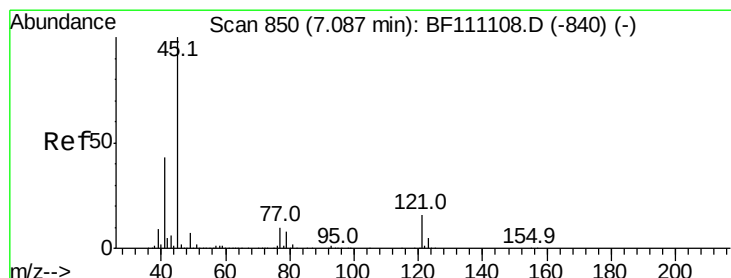
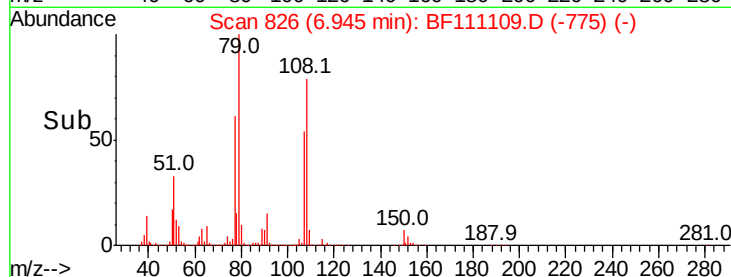
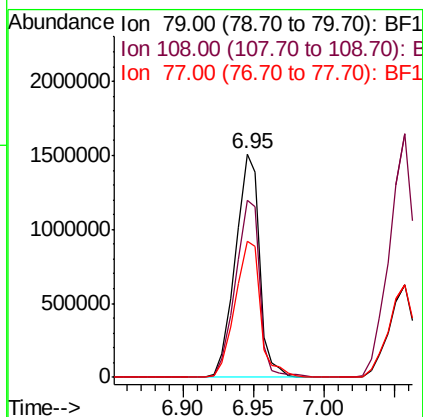
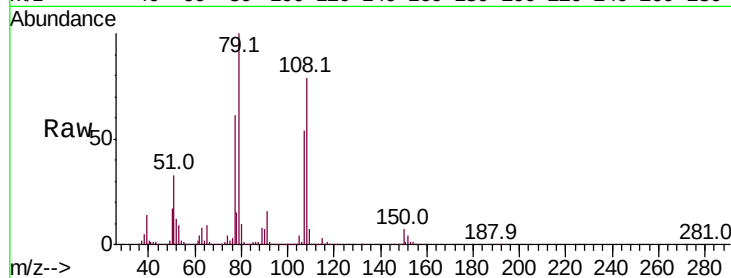
77 61.0 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 63.341 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

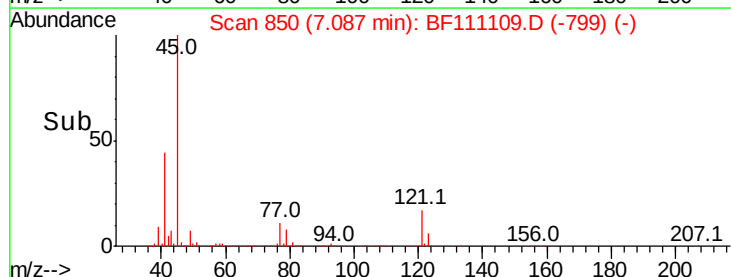
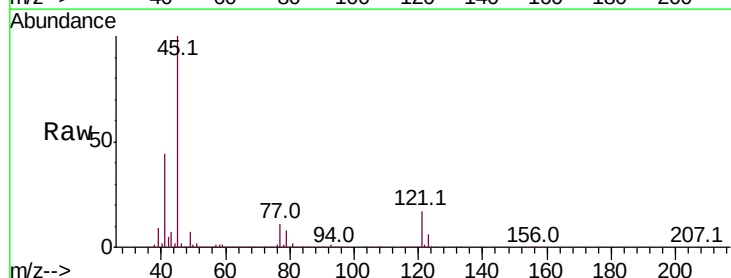
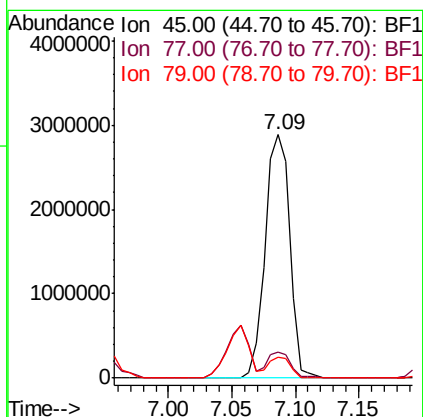
Tgt Ion: 45 Resp: 3882413

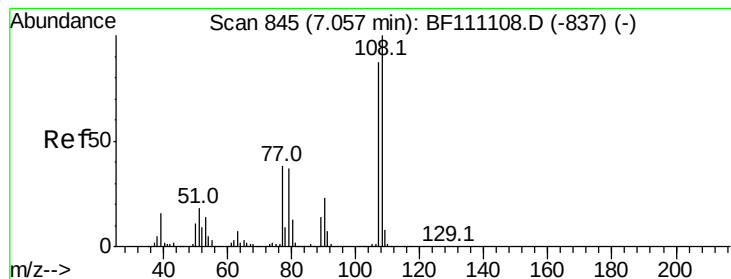
Ion Ratio Lower Upper

45 100

77 10.9 10.0 50.0

79 8.5 6.1 46.1





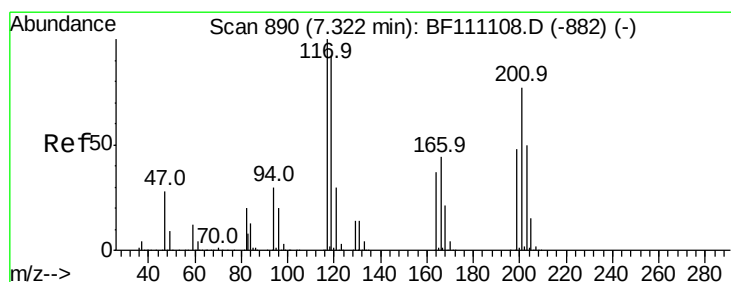
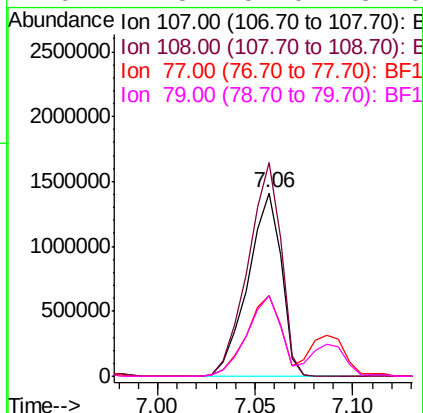
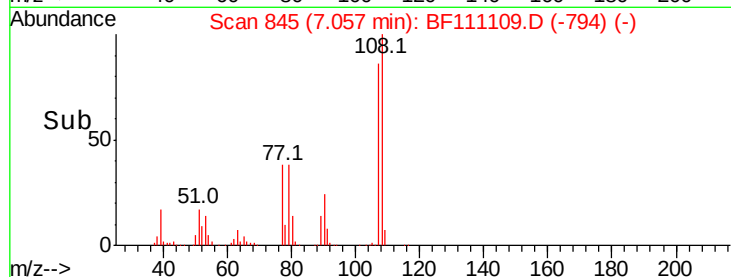
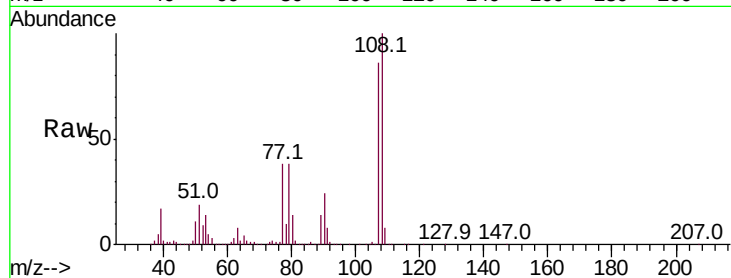
#17
2-Methylphenol
Concen: 50.947 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.6	92.6	138.8
77	44.4	59.4	89.2#
79	44.3	54.0	81.0#

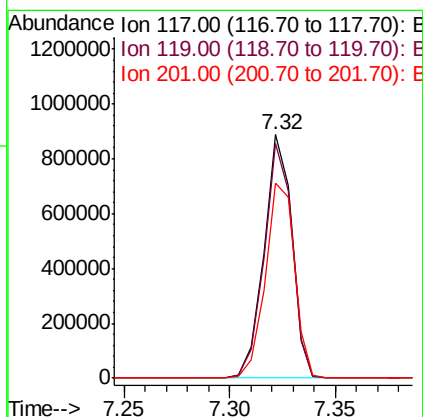
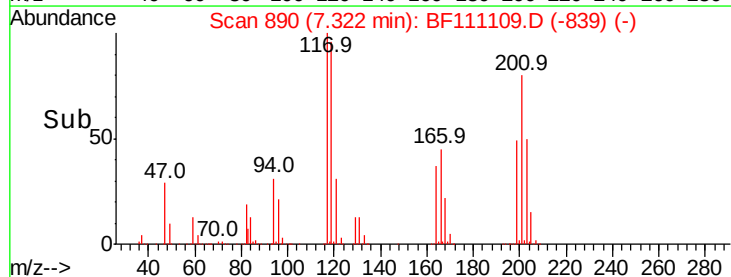
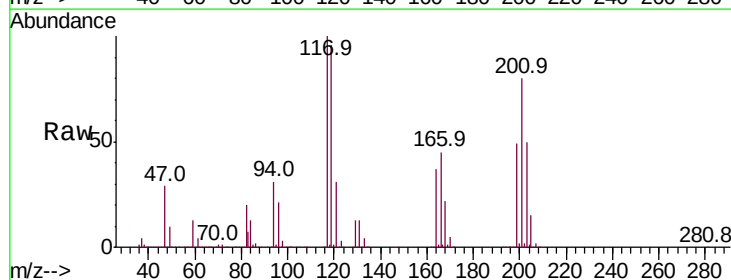
Manual Integrations
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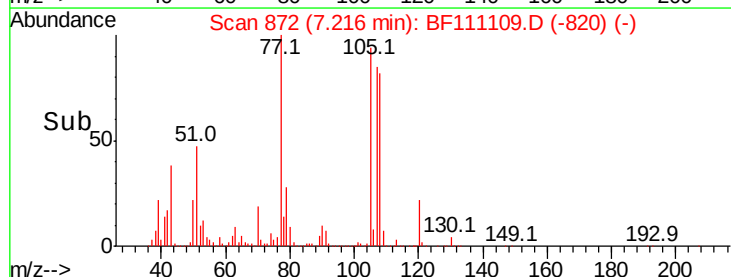
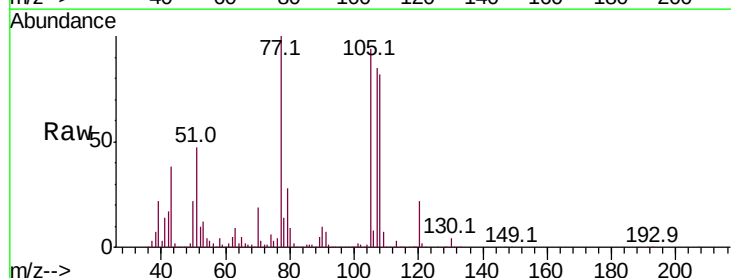
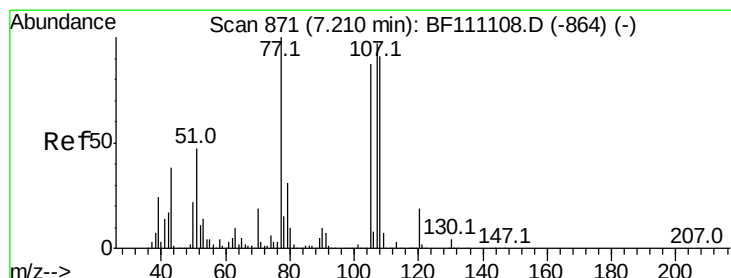
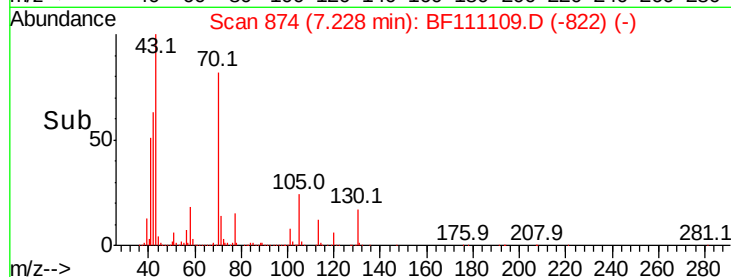
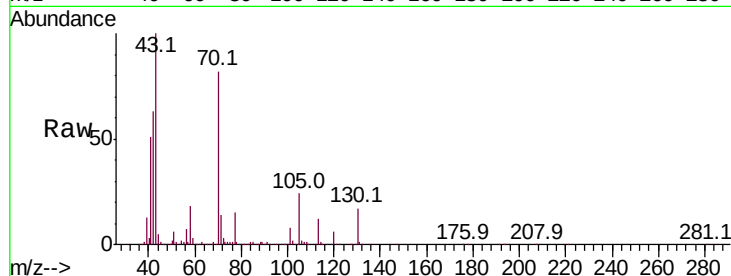
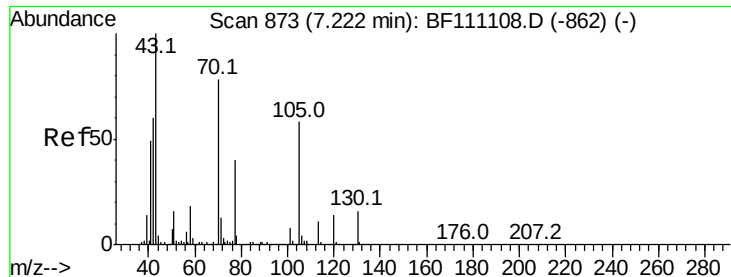
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#18
Hexachloroethane
Concen: 47.641 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.0	112.6
201	80.0	79.2	118.8





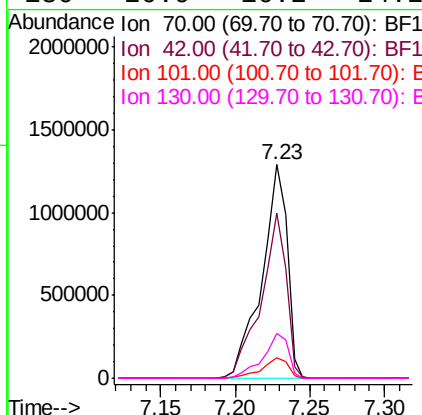
#19
n-Nitroso-di-n-propylamine
Concen: 51.120 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 70 Resp: 1511589
Ion Ratio Lower Upper
70 100
42 77.0 47.4 71.2#
101 9.9 7.3 10.9
130 20.9 16.2 24.2

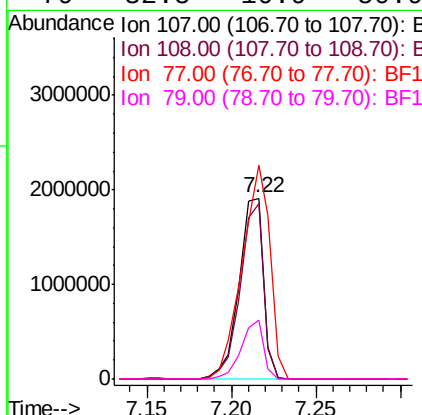
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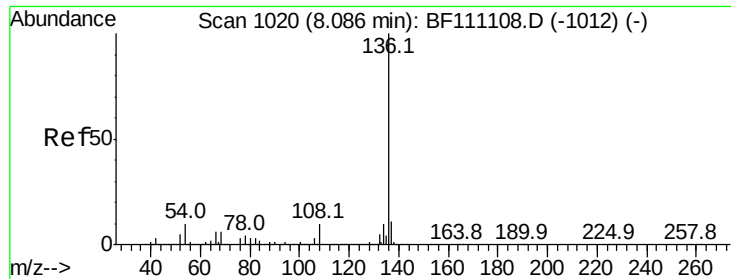
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#20
3+4-Methylphenols
Concen: 44.156 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion: 107 Resp: 1926604
Ion Ratio Lower Upper
107 100
108 96.6 71.4 111.4
77 118.0 47.3 87.3#
79 32.5 10.9 50.9





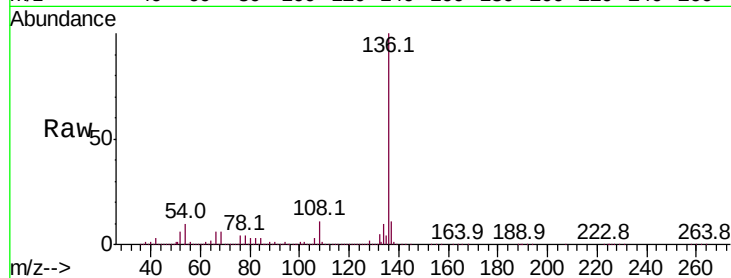
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.4	5.4	8.2#
68	6.1	4.2	6.2

Manual Integrations
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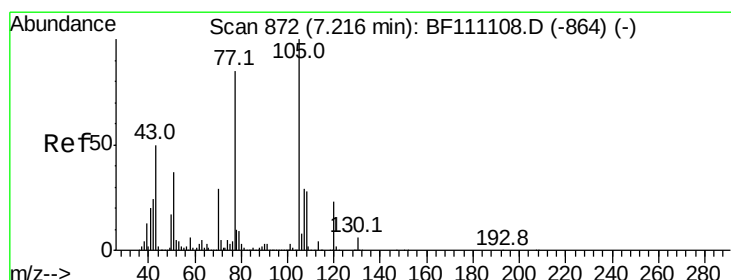
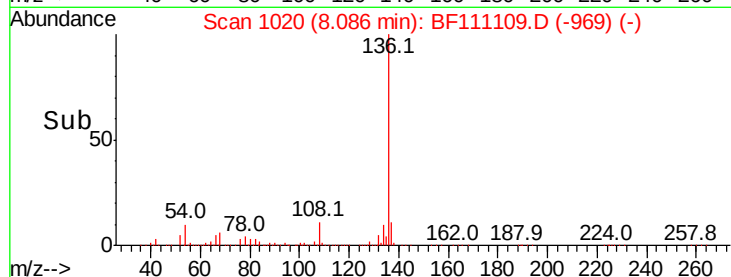
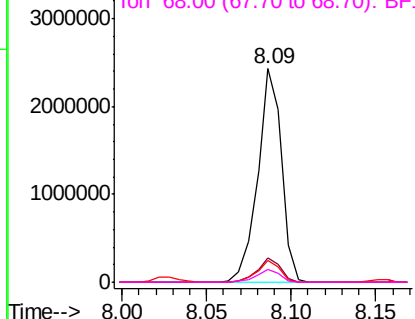
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.894 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.2	7.8
51	34.3	21.8	32.8#
120	23.6	17.0	25.4

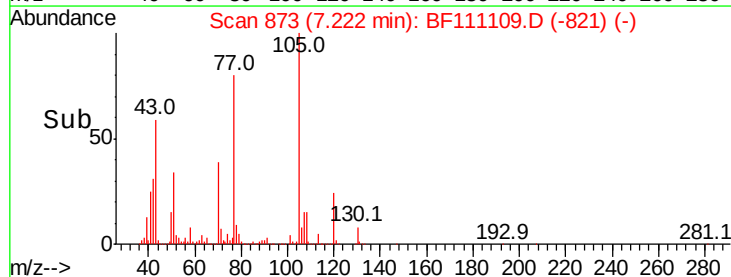
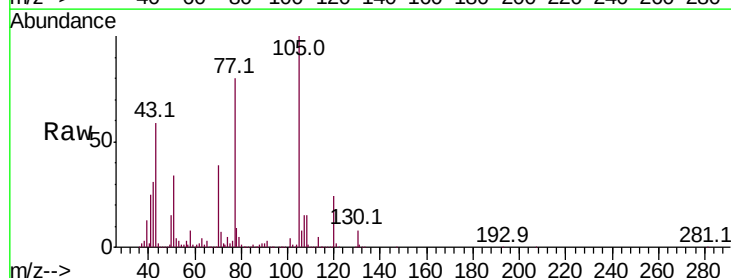
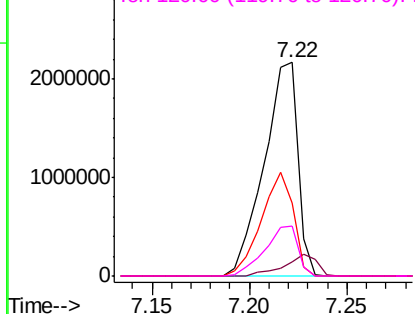
Abundance

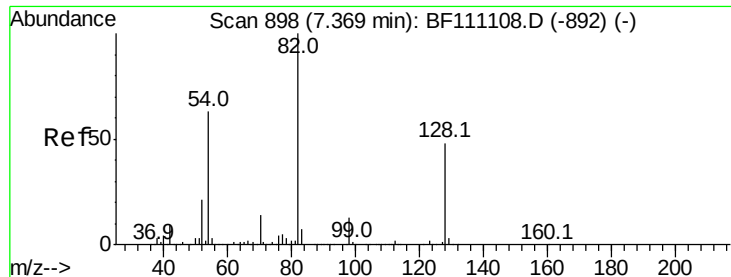
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





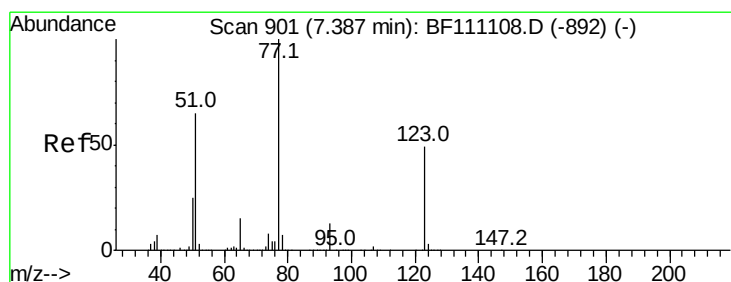
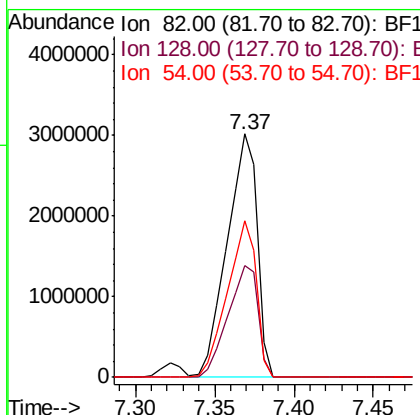
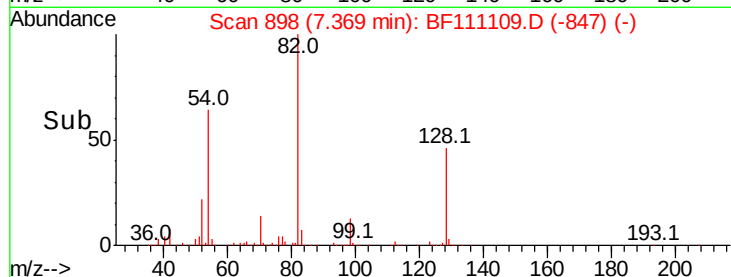
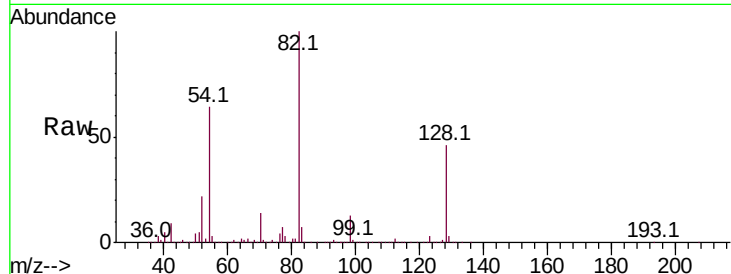
#23
 Nitrobenzene-d5
 Concen: 95.761 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 3957688
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.2 51.2
 54 64.3 38.6 58.0#

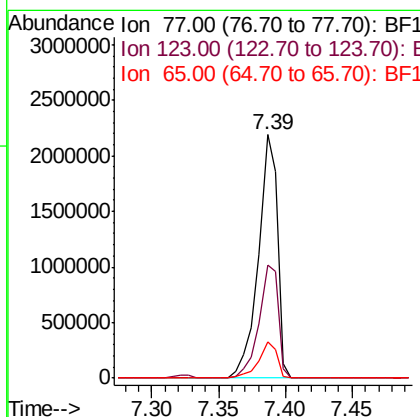
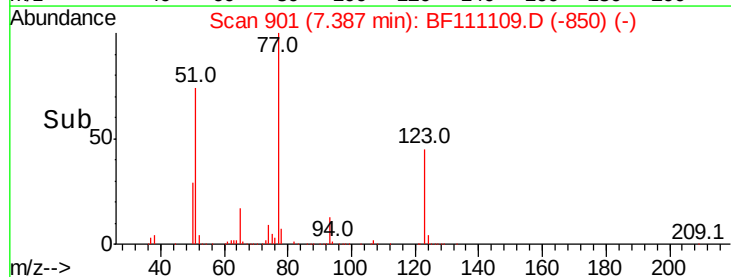
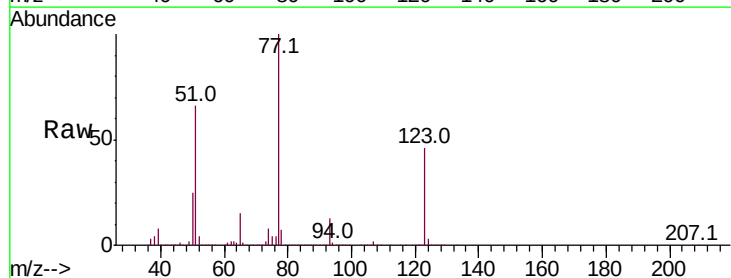
Manual Integrations
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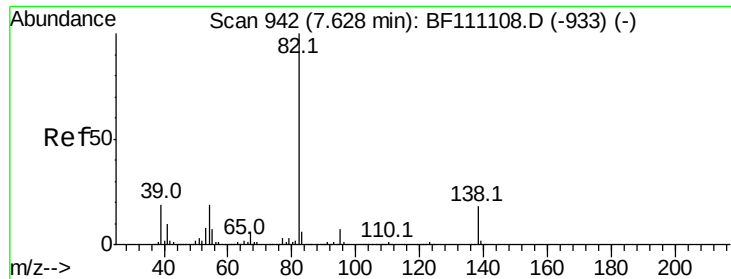
mohammad
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#24
 Nitrobenzene
 Concen: 49.368 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion: 77 Resp: 2121754
 Ion Ratio Lower Upper
 77 100
 123 46.3 35.7 53.5
 65 14.8 10.7 16.1





#25

Isophorone

Concen: 51.324 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 3479441

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

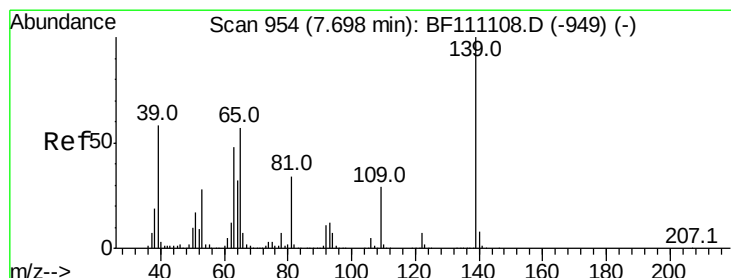
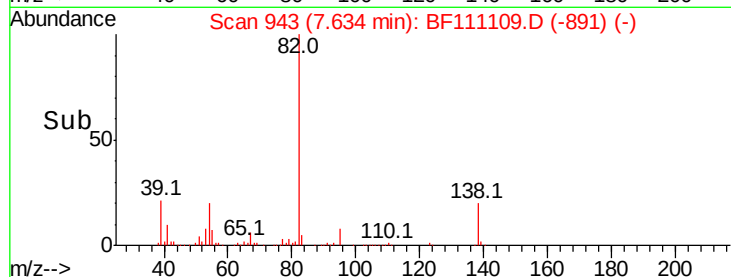
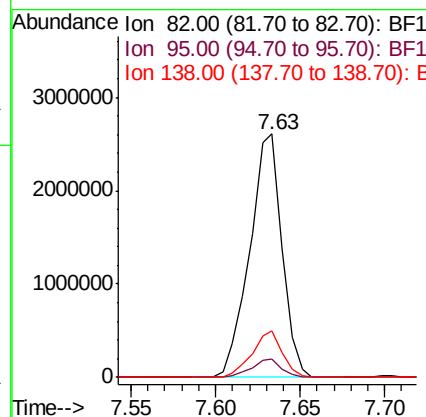
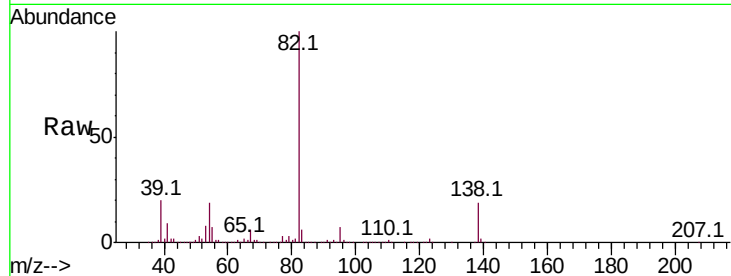
138 19.0 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.539 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

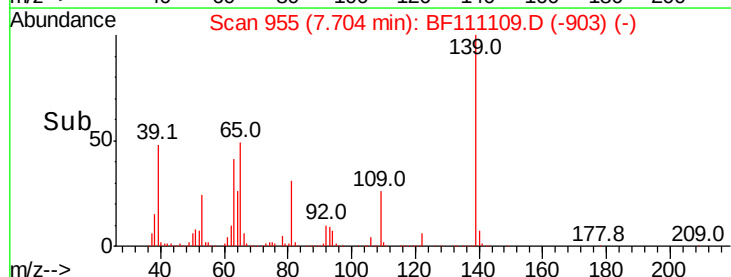
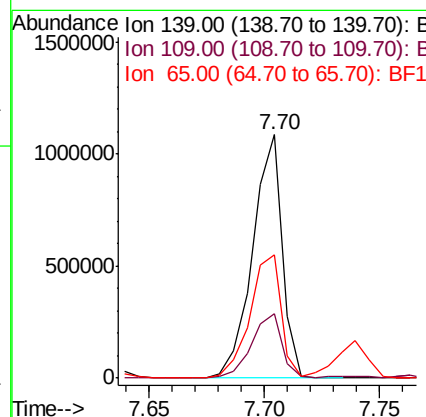
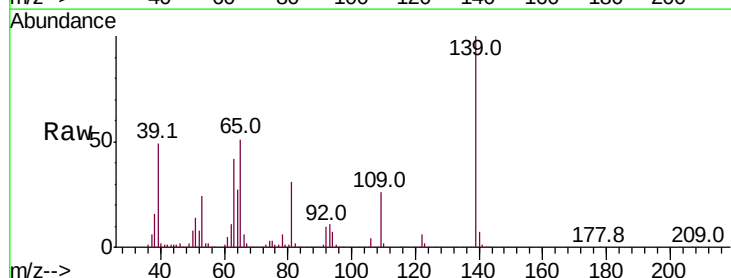
Tgt Ion: 139 Resp: 971758

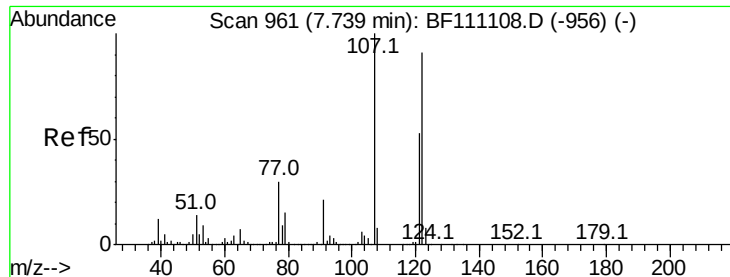
Ion Ratio Lower Upper

139 100

109 26.3 25.0 37.6

65 50.7 44.0 66.0





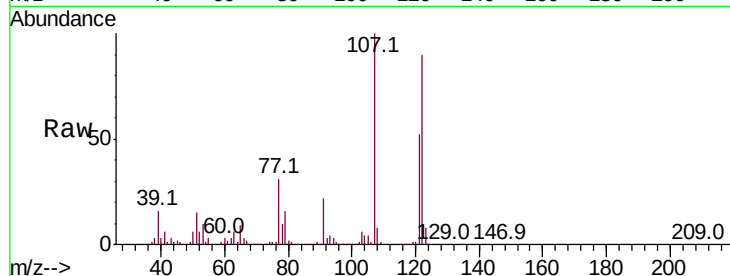
#27
2,4-Dimethylphenol
Concen: 51.101 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	92.5	138.7
121	58.4	45.8	68.8

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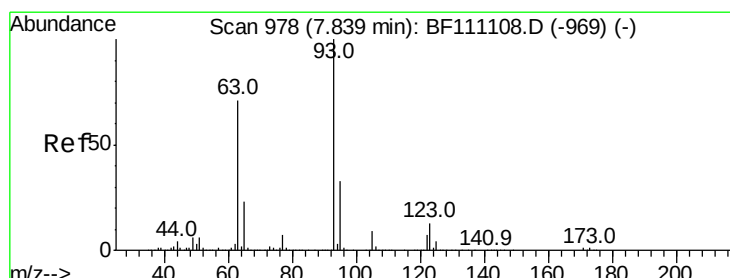
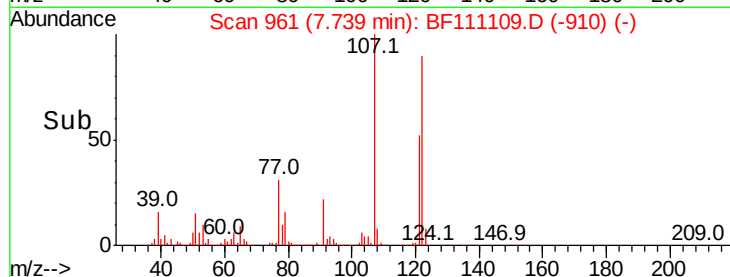
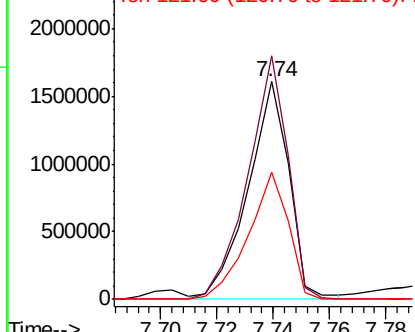


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 51.112 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

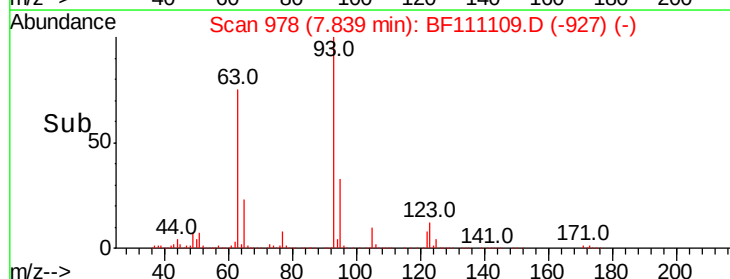
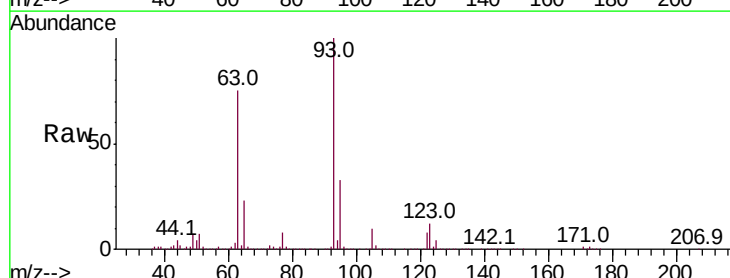
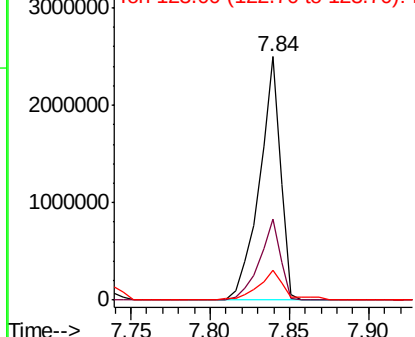
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.3	9.0	13.6

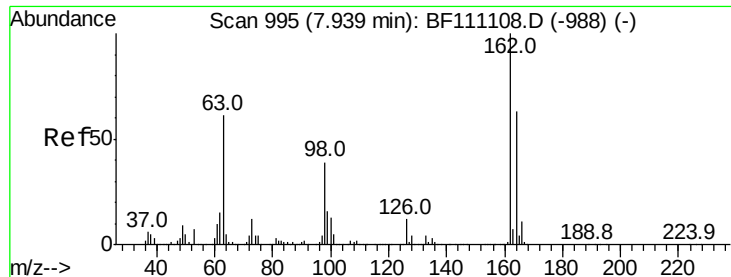
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.376 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:162 Resp: 1629267

Ion Ratio Lower Upper

162 100

164 63.4 44.6 84.6

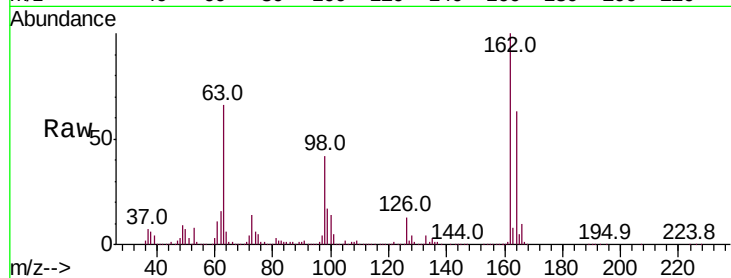
98 41.8 17.4 57.4

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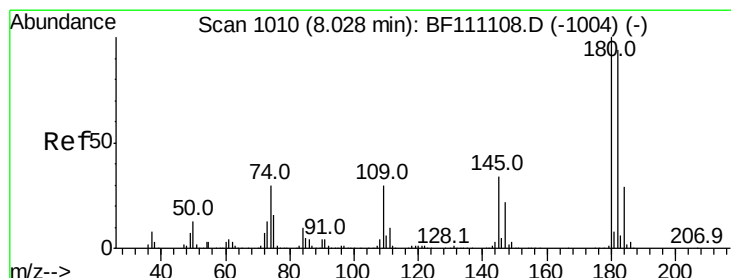
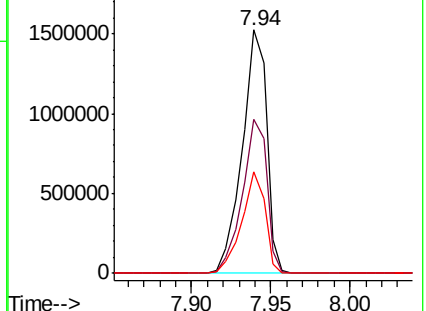
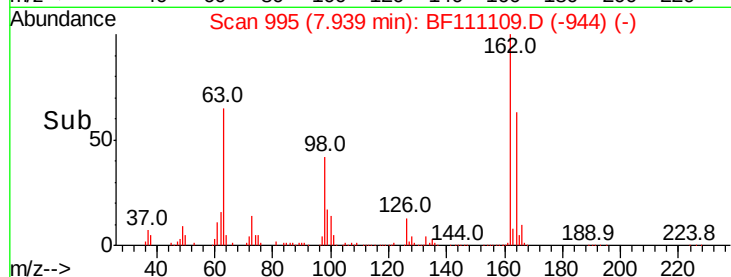
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.300 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

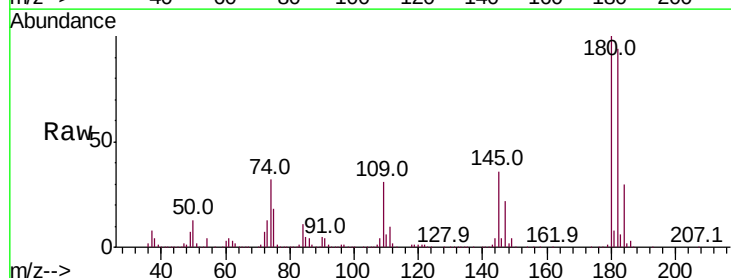
Tgt Ion:180 Resp: 1601203

Ion Ratio Lower Upper

180 100

182 94.3 80.3 120.5

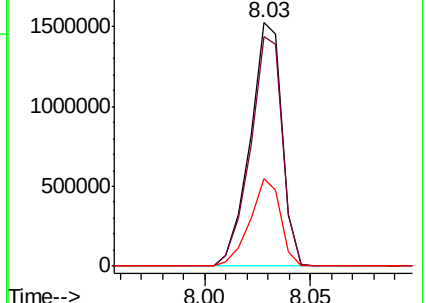
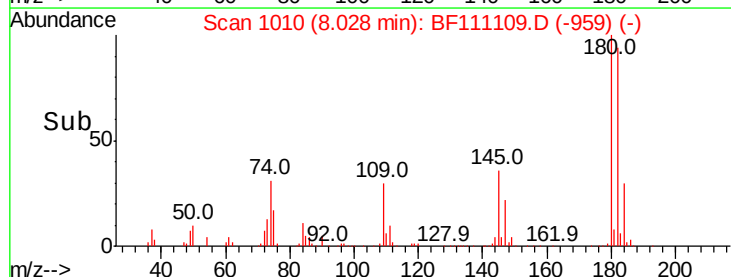
145 35.7 25.4 38.0

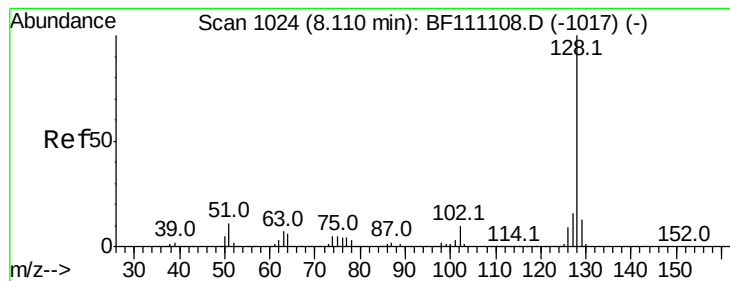


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.778 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 4853875

Ion Ratio Lower Upper

128 100

129 14.3 8.8 13.2#

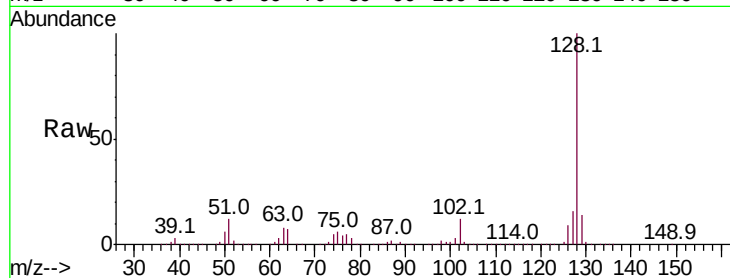
127 16.5 10.8 16.2#

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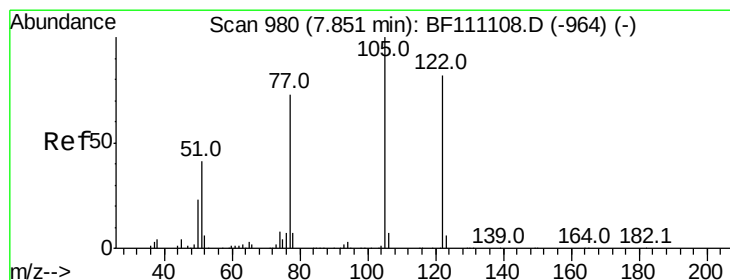
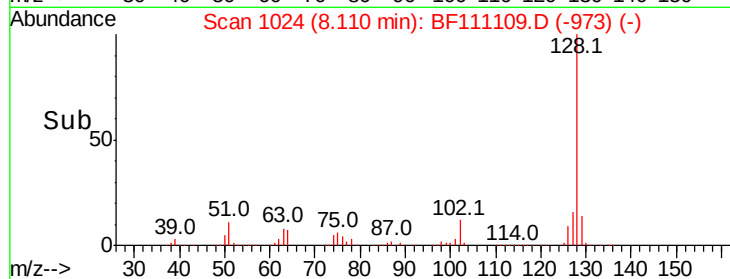
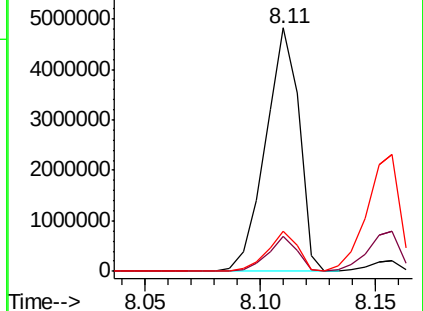
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.984 ng m

RT: 7.87 min Scan# 983

Delta R.T. 0.02 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

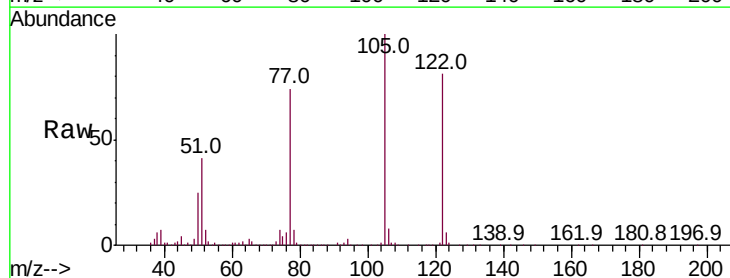
Tgt Ion:122 Resp: 1031176

Ion Ratio Lower Upper

122 100

105 124.2 109.0 149.0

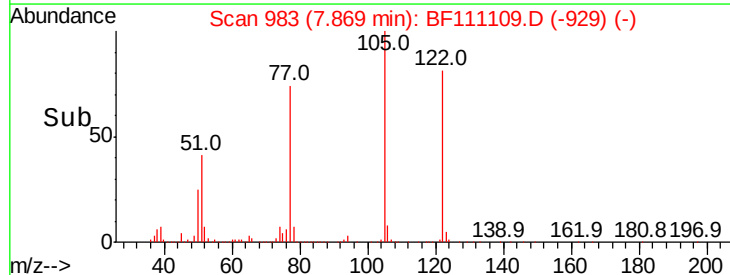
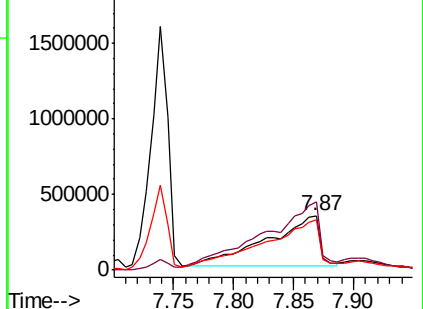
77 91.6 79.0 119.0

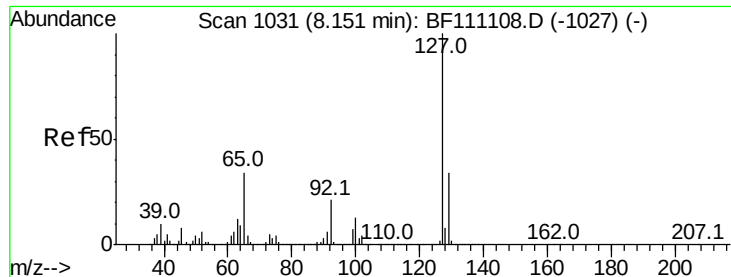


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





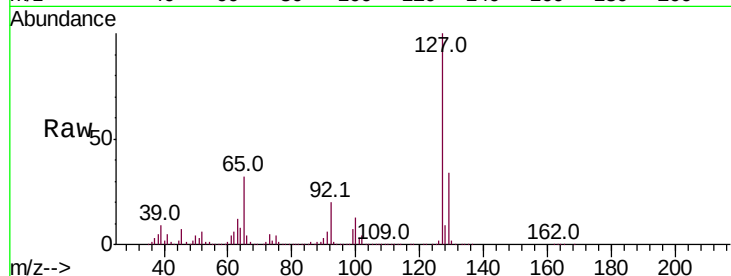
#33
4-Chloroaniline
Concen: 48.730 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.0	39.0
65	31.8	25.1	37.7
92	19.7	15.0	22.6

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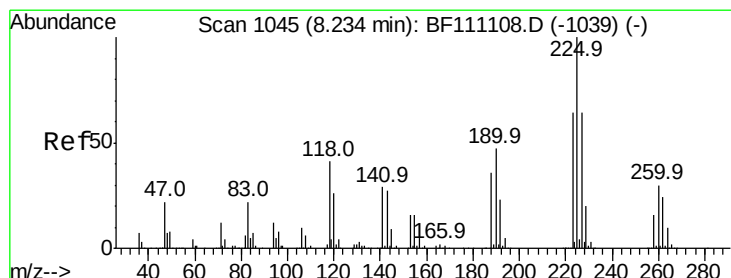
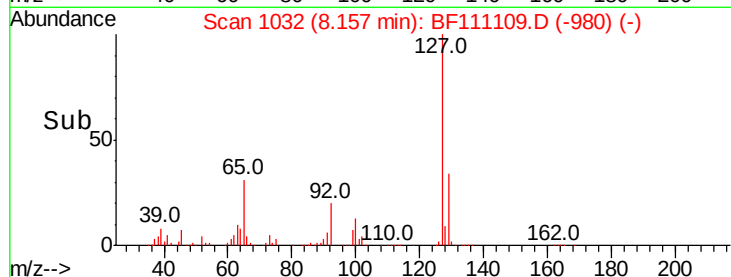
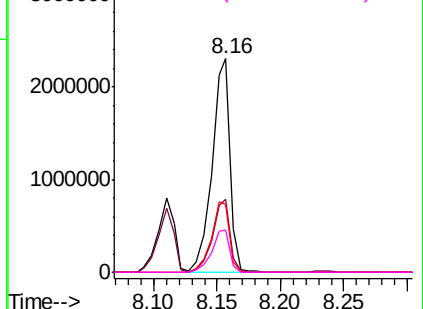
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

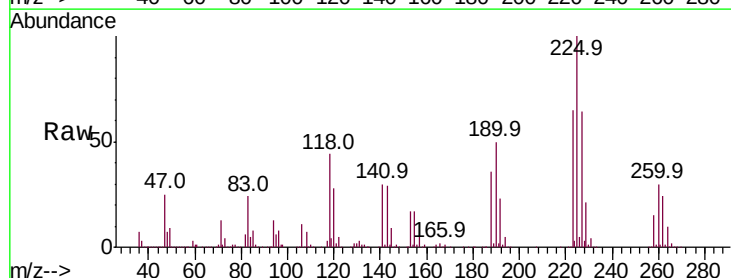
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.839 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.4	77.2
227	63.9	51.0	76.6

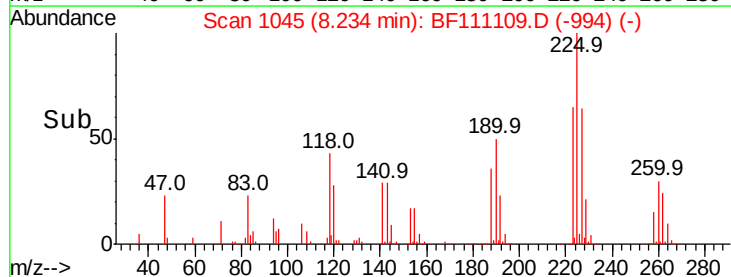
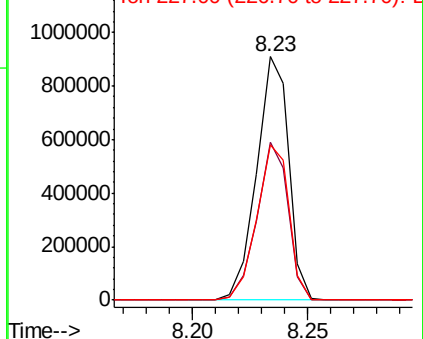


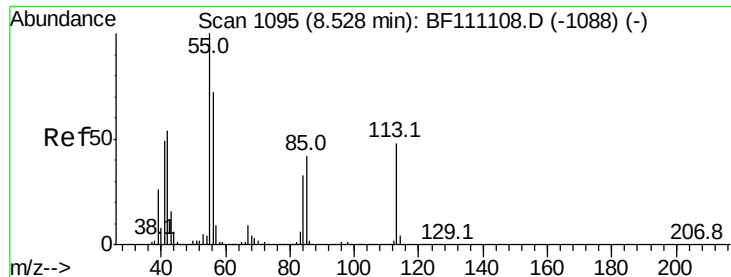
Abundance

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: 52.372 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

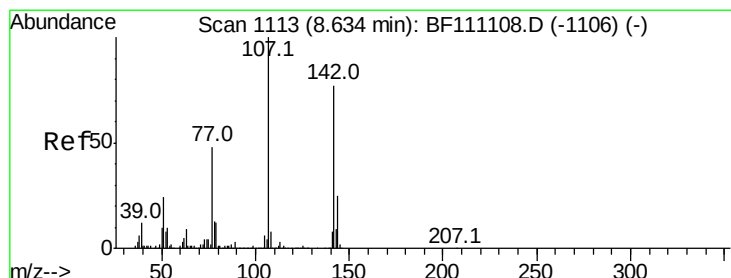
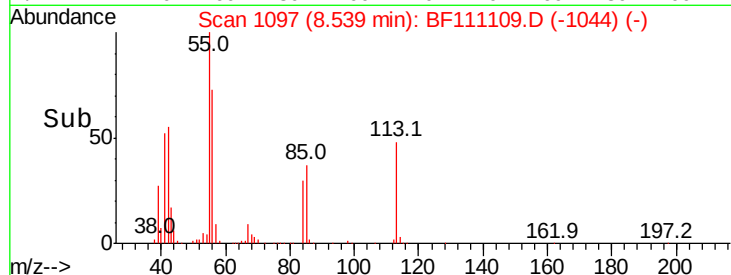
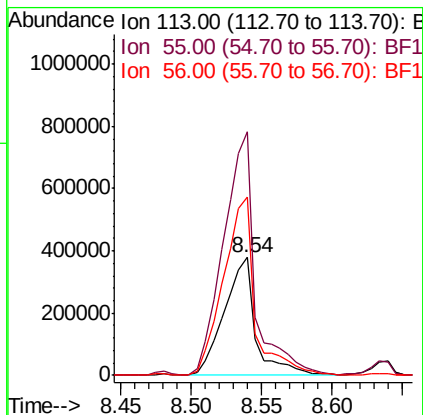
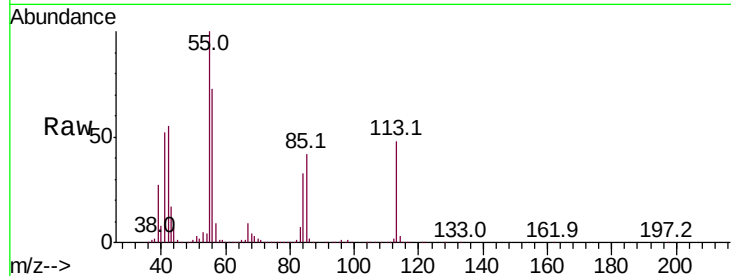
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.1	142.8	182.8#
56	151.5	105.0	145.0#

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#36

4-Chloro-3-methylphenol

Concen: 47.992 ng

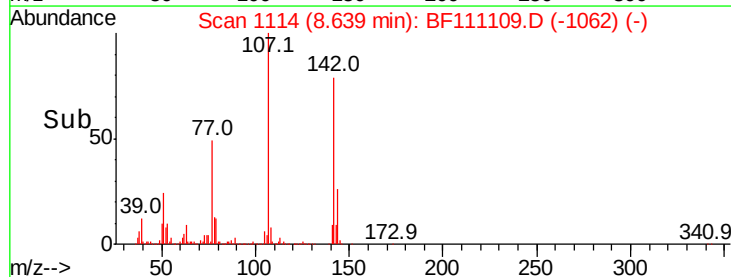
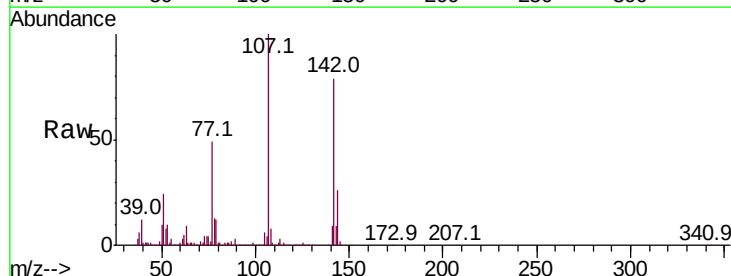
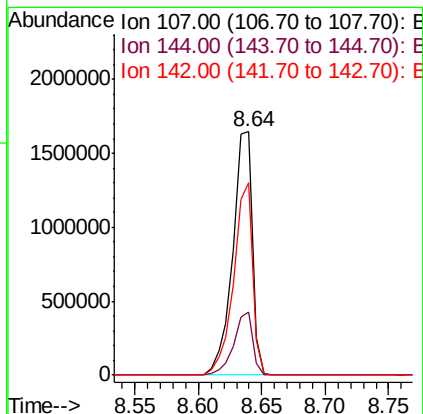
RT: 8.64 min Scan# 1114

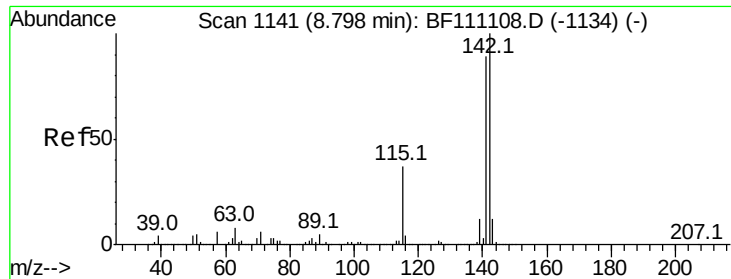
Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.0	30.0
142	78.9	59.7	89.5





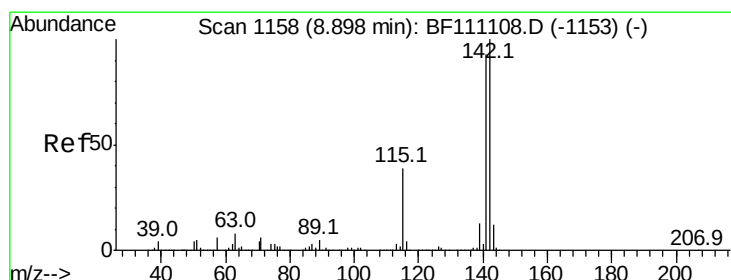
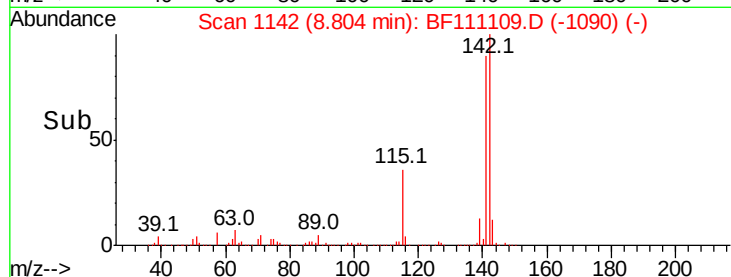
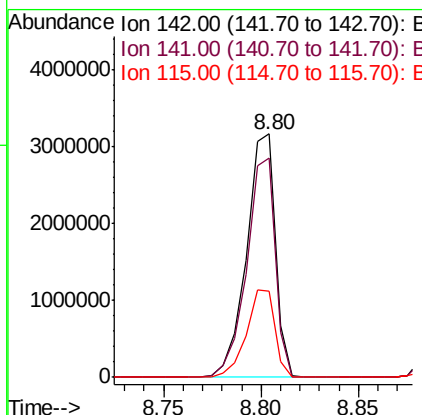
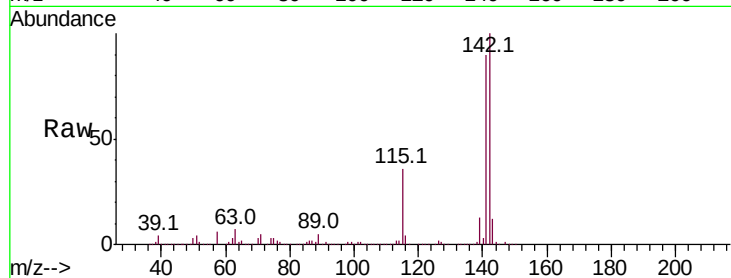
#37
 2-Methylnaphthalene
 Concen: 44.158 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	35.5	28.7	43.1

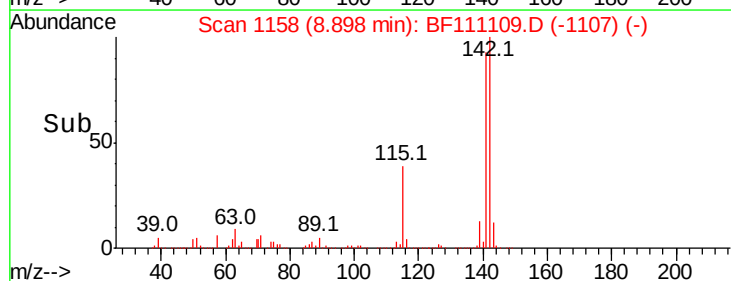
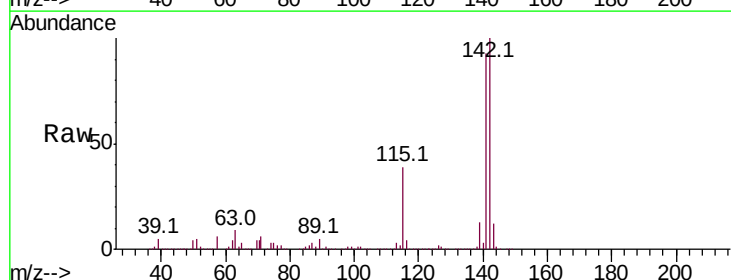
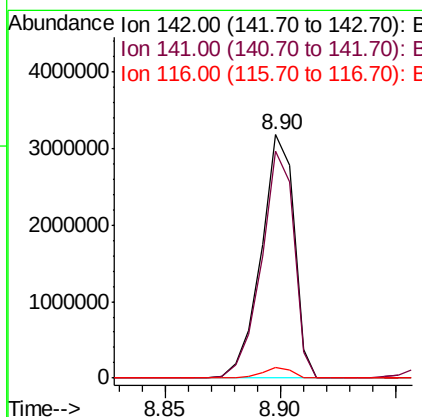
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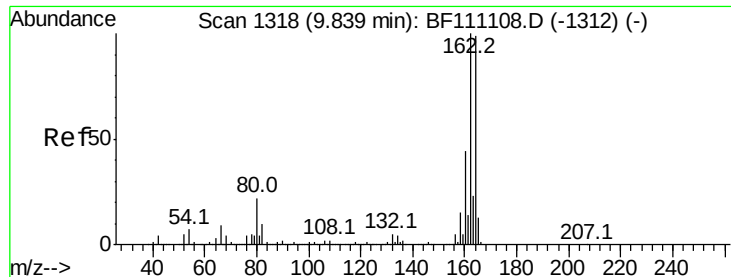
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#38
 1-Methylnaphthalene
 Concen: 44.274 ng m
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	4.2	2.6	4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampled :

SSTDIC050

Tot Ion:164 Resp: 1081567

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.6

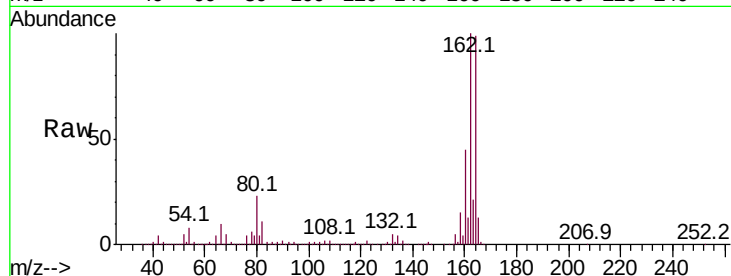
160 45.7 37.0 55.6

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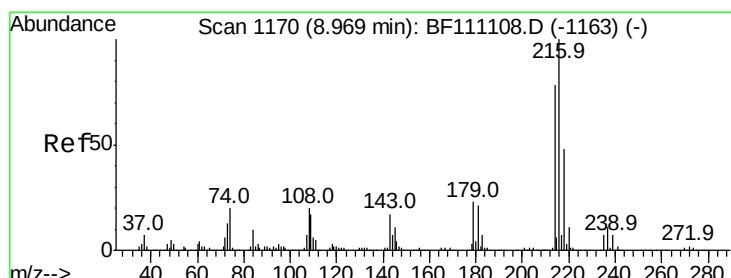
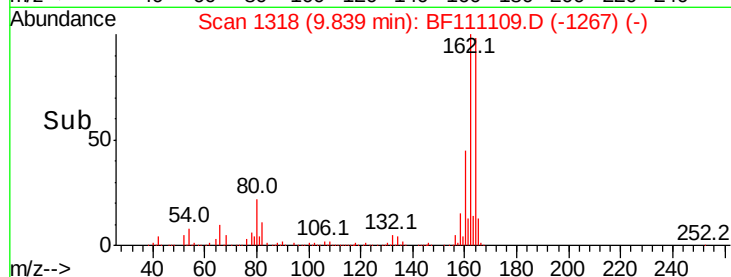
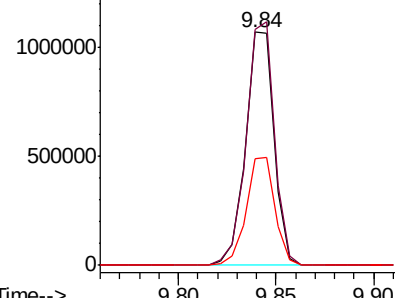


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.468 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Tgt Ion:216 Resp: 1342843

Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 23.5 16.6 25.0

108 24.5 15.1 22.7#

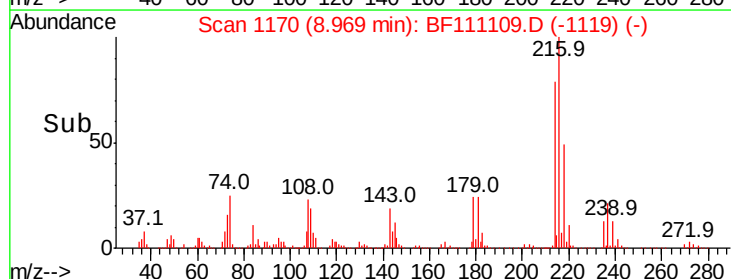
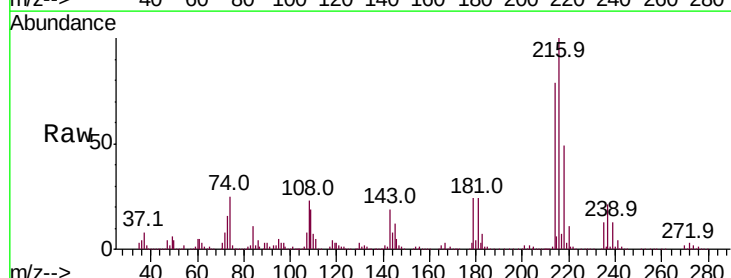
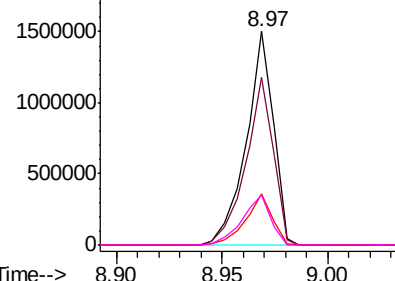
Abundance

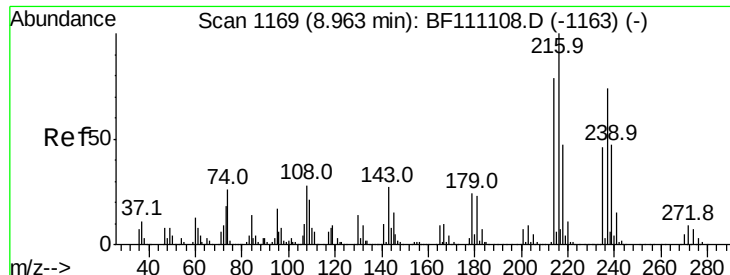
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 224.033 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

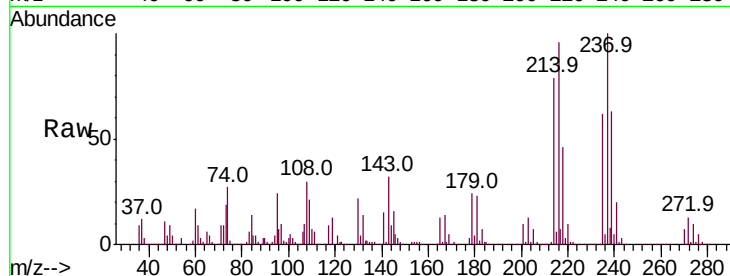
ClientSampleId :

SSTDICC050

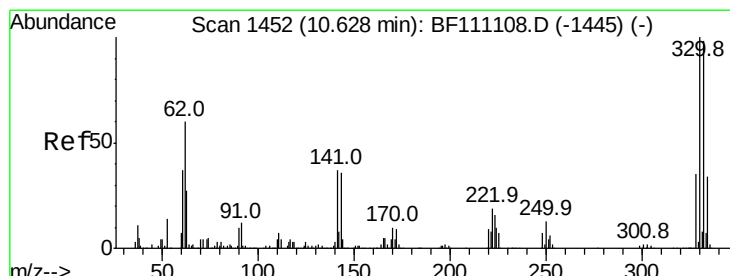
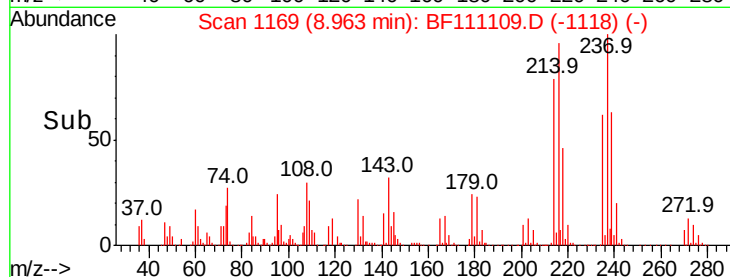
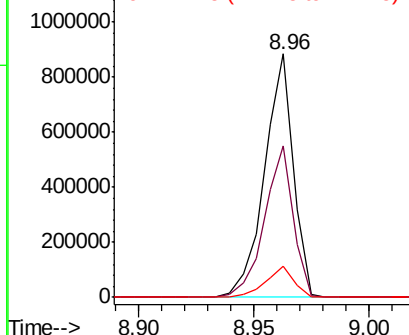
Tot Ion:	237	Resp:	766991
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.1	83.1
272	12.6	0.0	32.6

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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: 76.081 ng

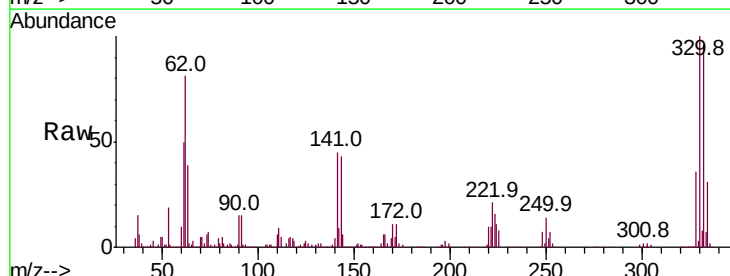
RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

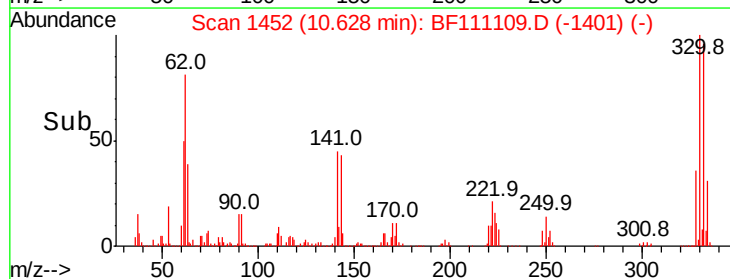
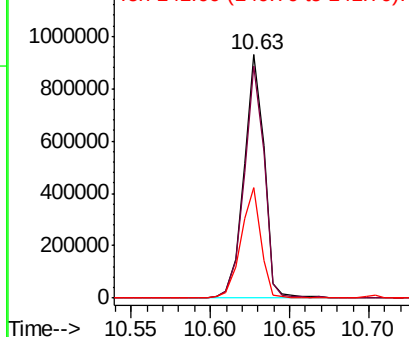
Lab File: BF111109.D

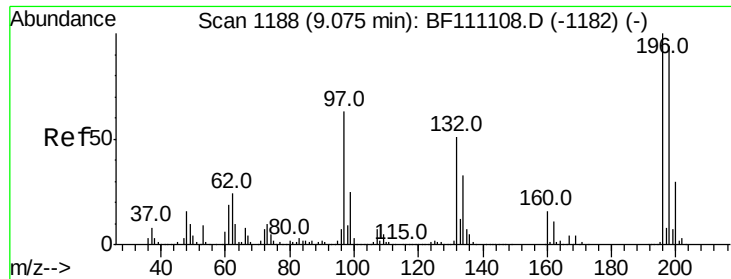
Acq: 5 Dec 2018 15:18

Tgt Ion:	330	Resp:	817222
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.1	115.7
141	45.0	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





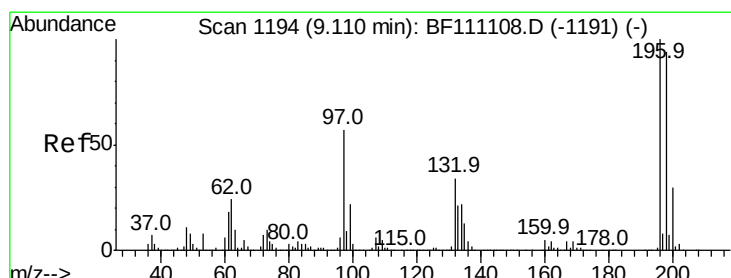
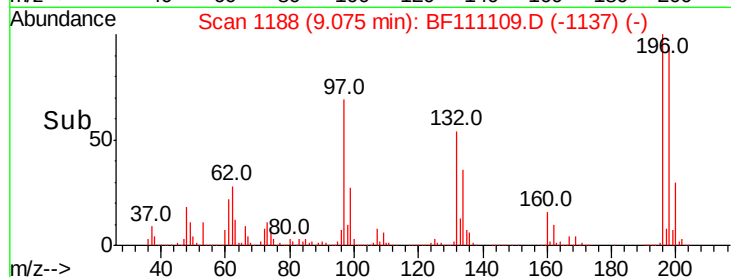
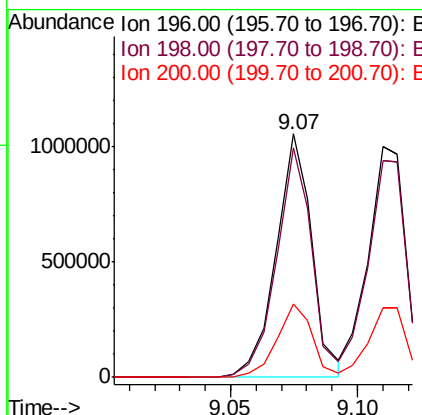
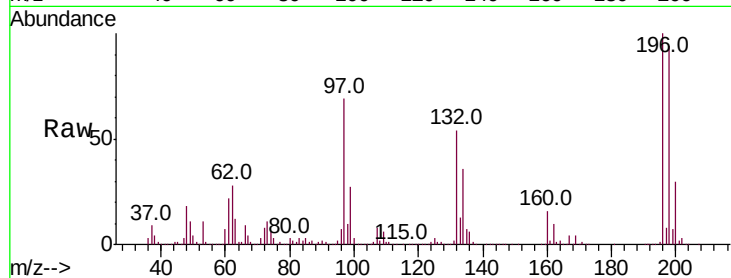
#43
 2,4,6-Trichlorophenol
 Concen: 51.034 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.2	114.4
200	30.2	24.4	36.6

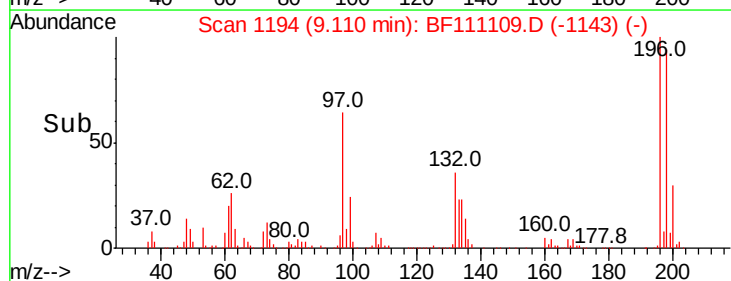
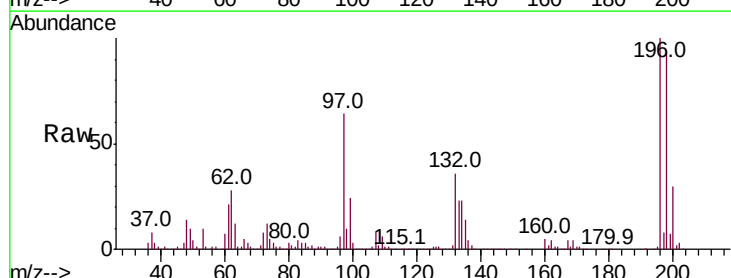
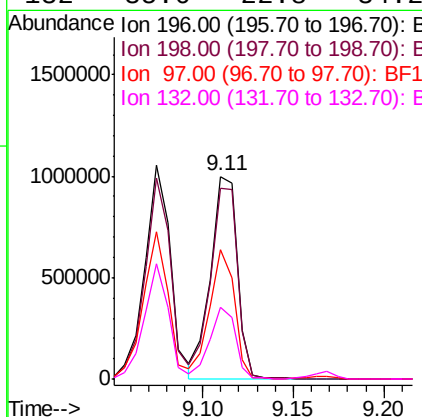
Manual Integrations
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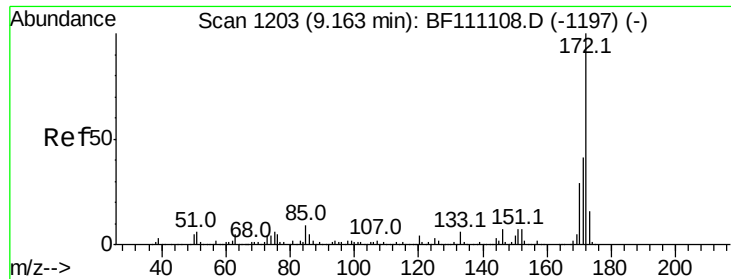
mohammad
 12/6/2018 12:11:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.146 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.8	113.6
97	64.0	42.4	63.6#
132	35.6	22.8	34.2#





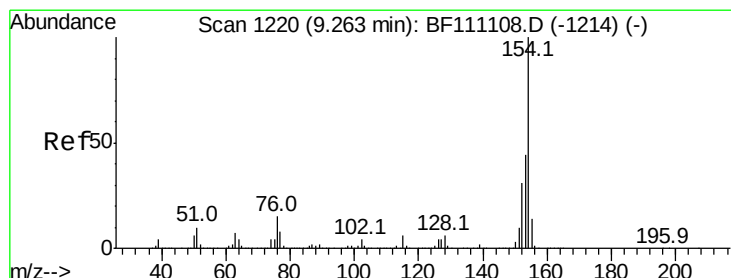
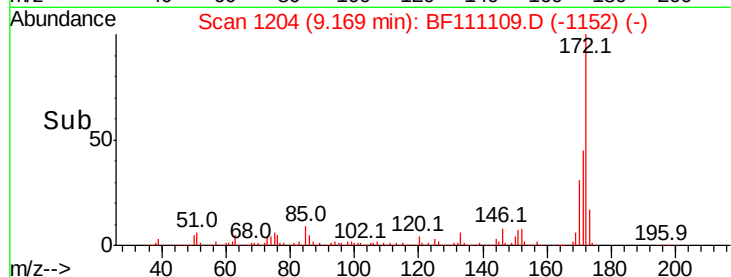
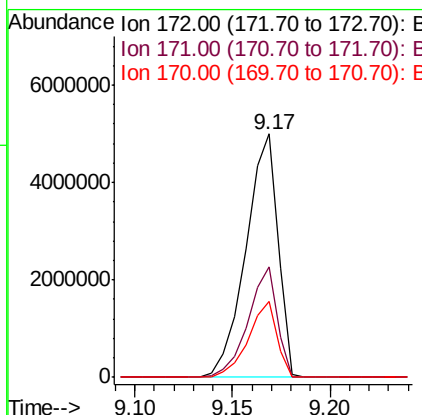
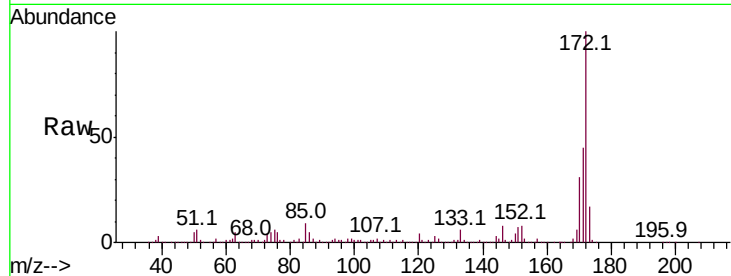
#45
2-Fluorobiphenyl
Concen: 76.006 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:172 Resp: 5674184
Ion Ratio Lower Upper
172 100
171 45.2 28.6 43.0#
170 31.3 19.7 29.5#

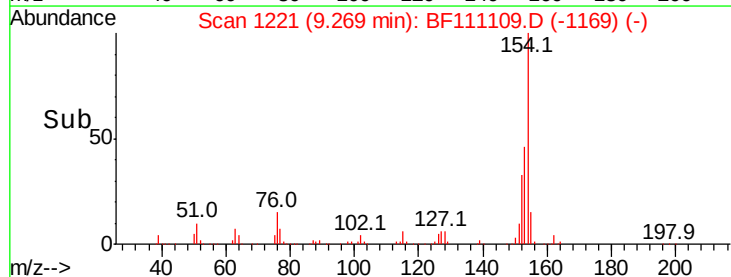
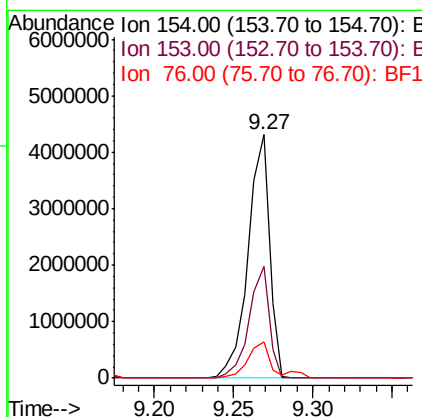
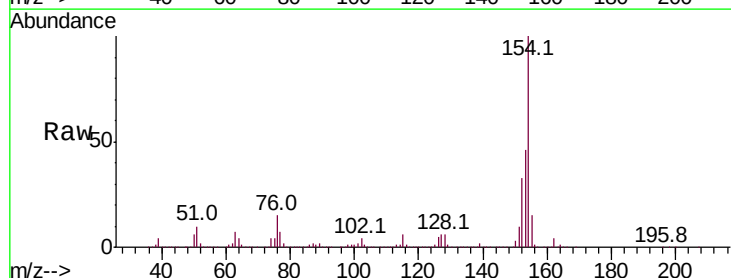
Manual Integrations
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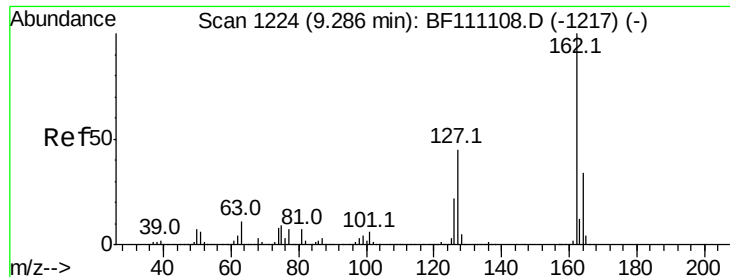
mohammad
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#46
1,1'-Biphenyl
Concen: 40.397 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:154 Resp: 4028193
Ion Ratio Lower Upper
154 100
153 46.0 20.4 60.4
76 15.0 0.0 31.9





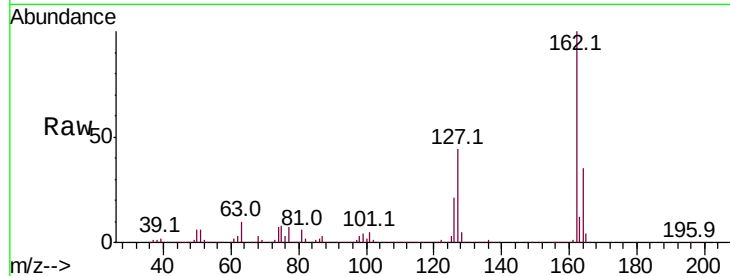
#47
2-Chloronaphthalene
Concen: 44.163 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

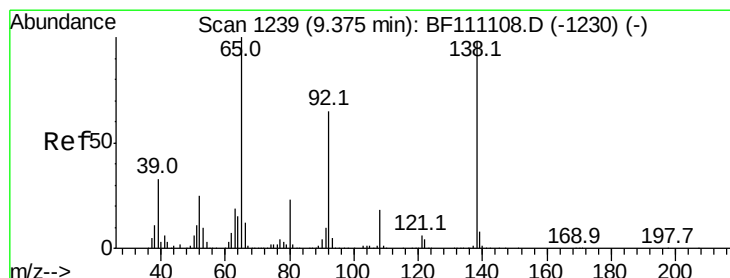
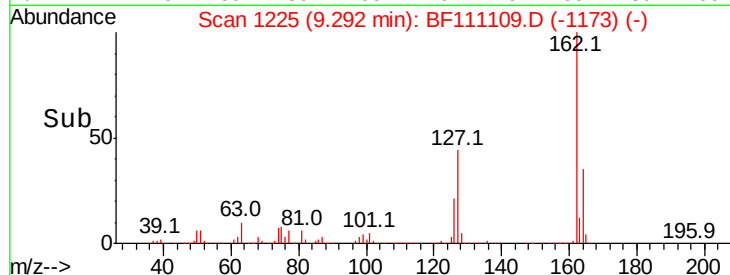
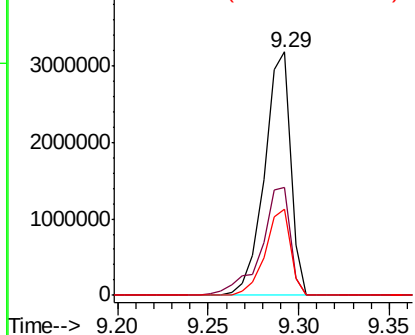
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.2	32.6	48.8
164	35.4	25.9	38.9

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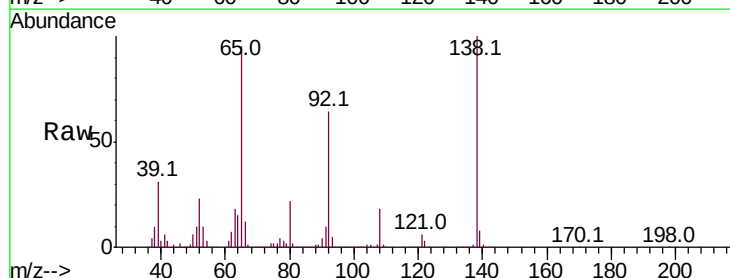


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

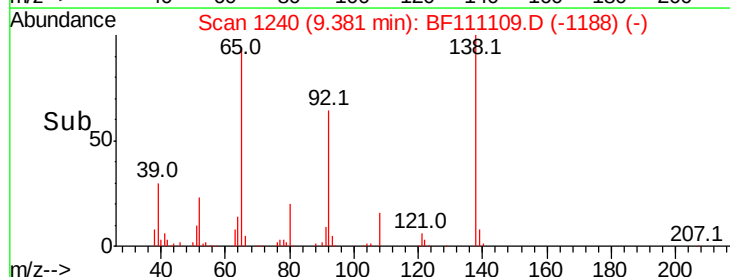
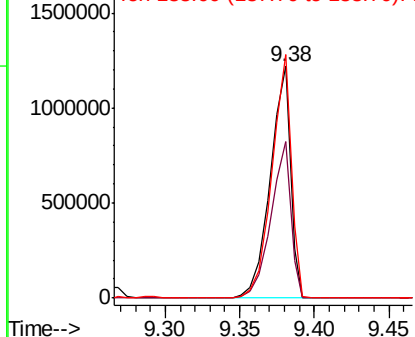


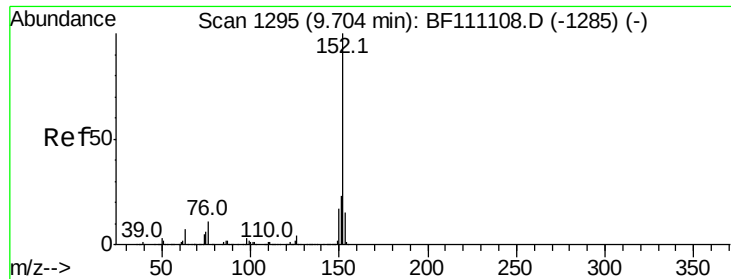
#48
2-Nitroaniline
Concen: 50.396 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.6	81.8
138	105.2	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





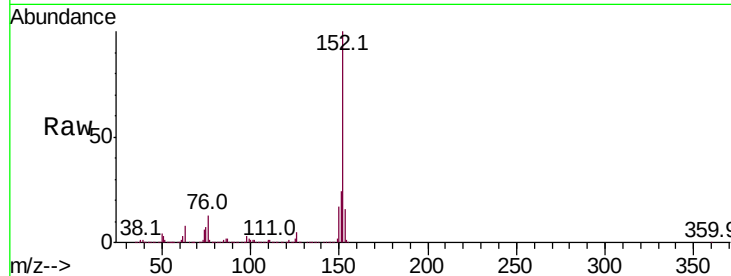
#49
Acenaphthylene
Concen: 44.555 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.8	23.8#
153	16.1	10.4	15.6#

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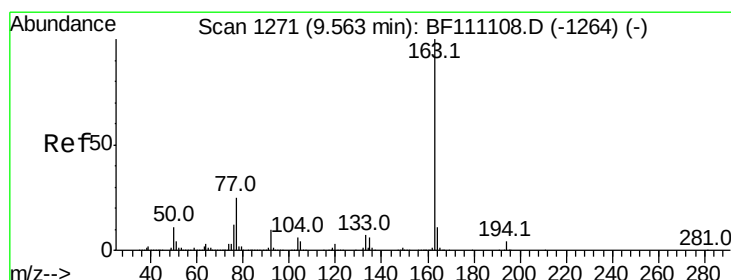
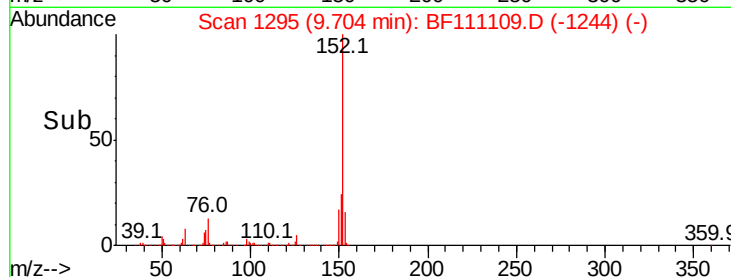
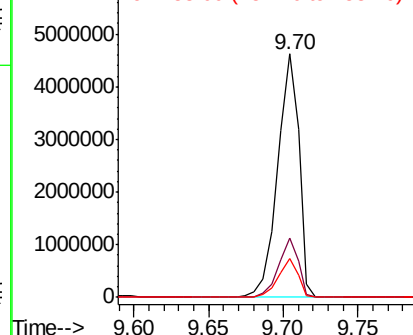


Abundance

Ion 152.00 (151.70 to 152.70): E

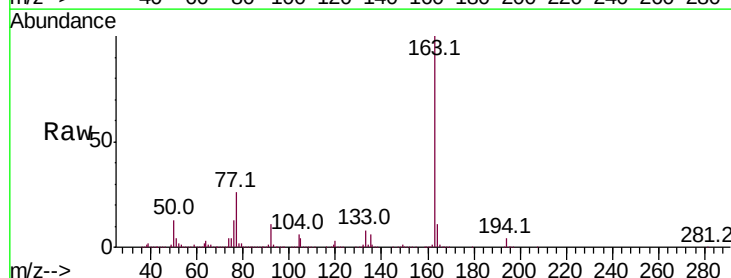
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 44.274 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	11.5	8.1	12.1

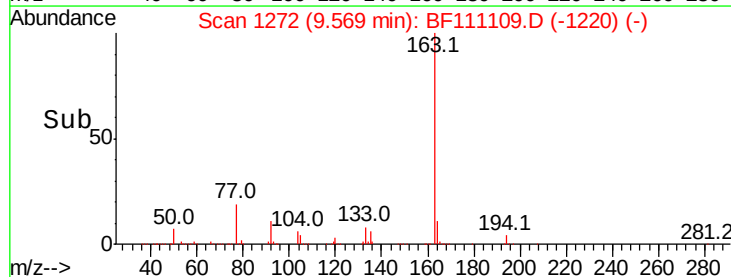
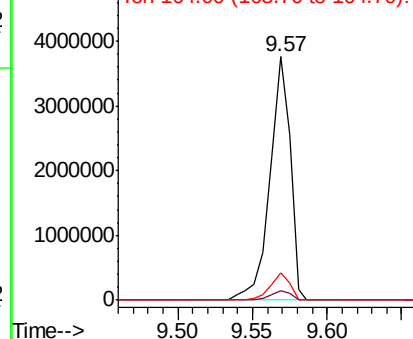


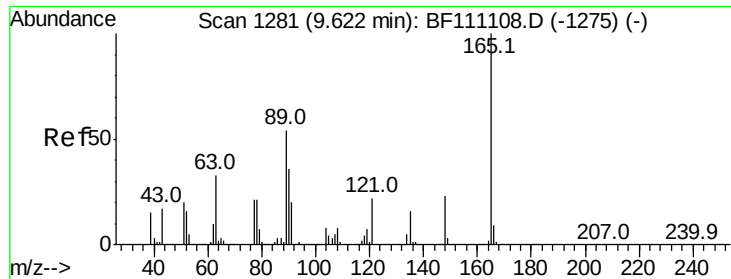
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





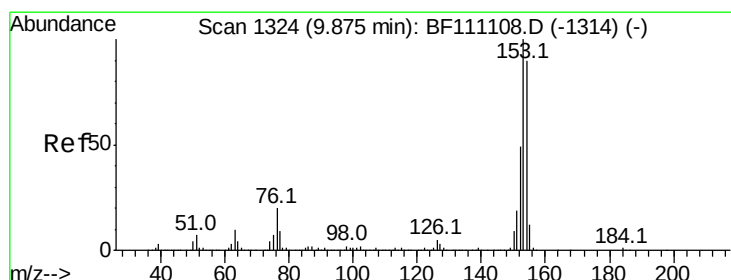
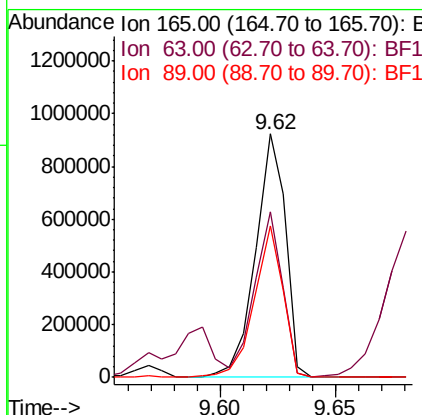
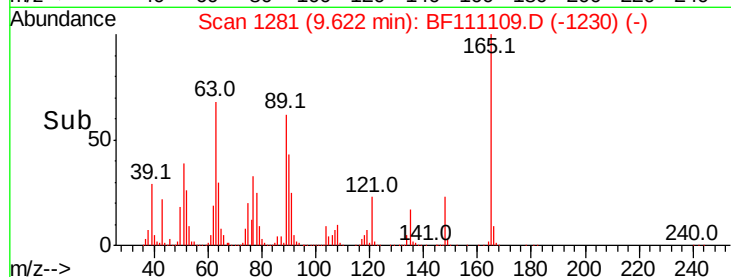
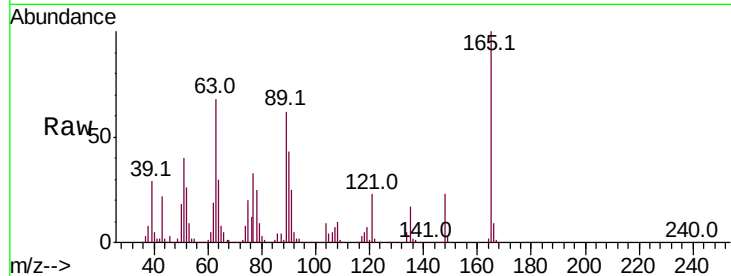
#51
2,6-Dinitrotoluene
Concen: 47.528 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	839297		
63	68.0		48.9	73.3
89	62.4		46.6	69.8

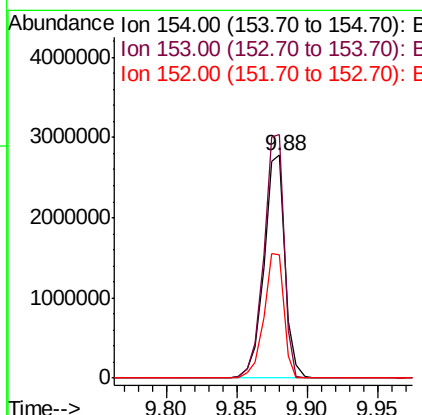
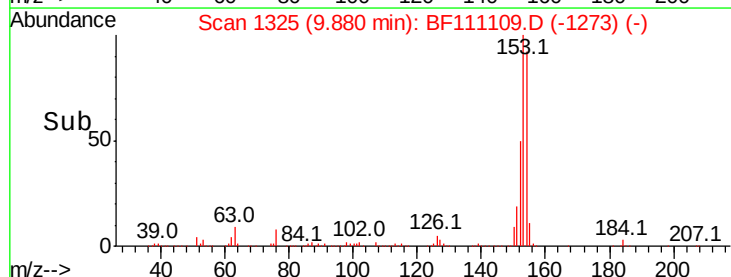
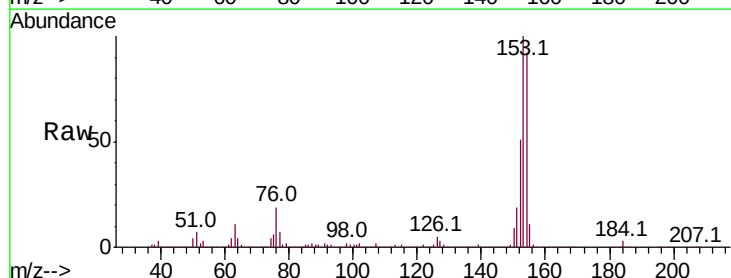
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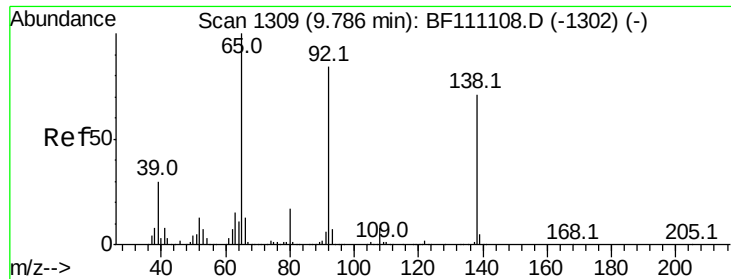
mohammad
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#52
Acenaphthene
Concen: 44.401 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2926293		
153	109.2		90.1	135.1
152	55.3		43.4	65.2





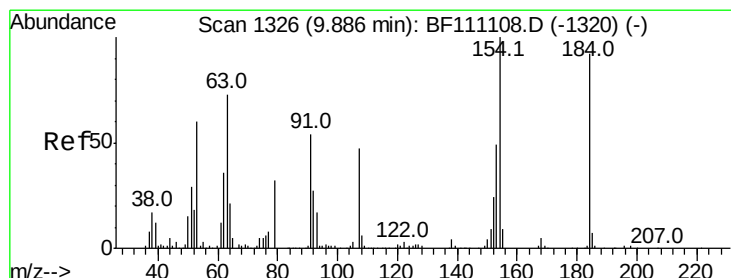
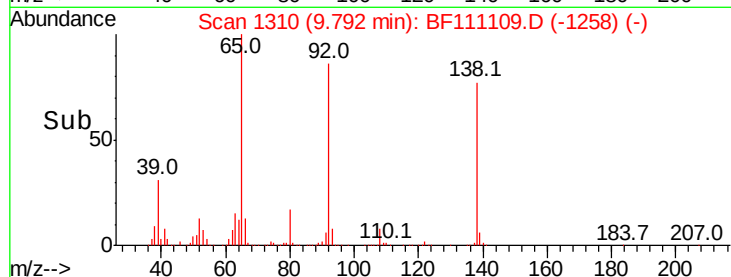
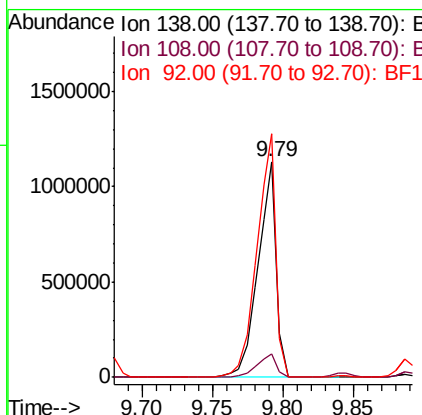
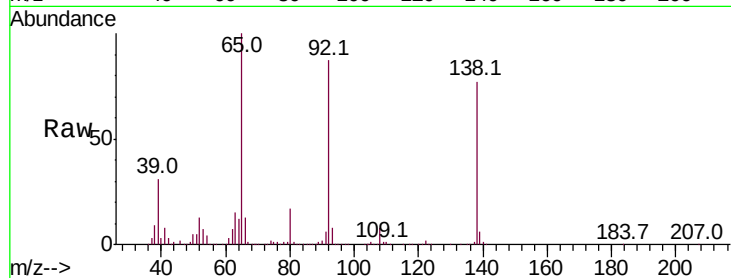
#53
3-Nitroaniline
Concen: 50.085 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:138 Resp: 1030833
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 112.7 97.0 145.4

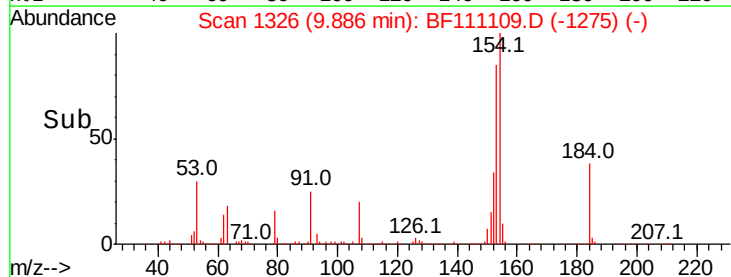
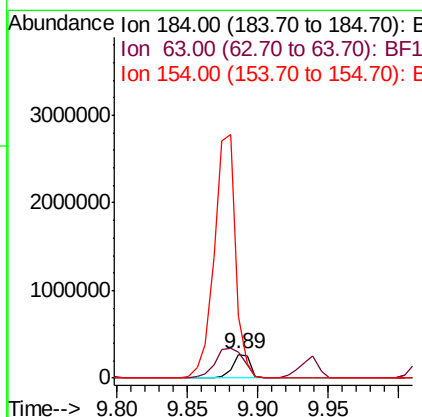
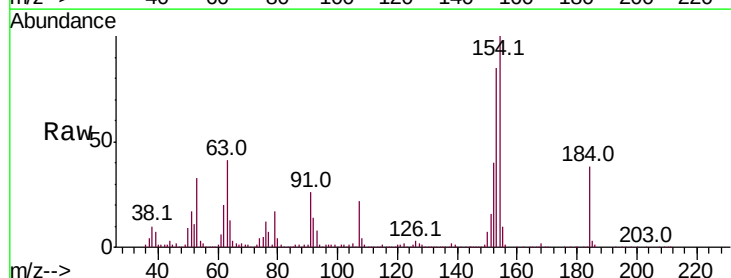
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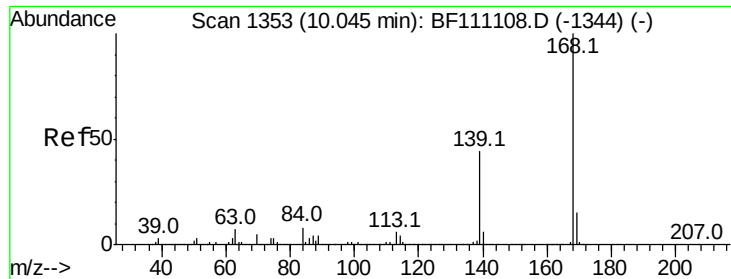
mohammad
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#54
2,4-Dinitrophenol
Concen: 42.137 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:184 Resp: 236530
Ion Ratio Lower Upper
184 100
63 107.6 55.8 83.6#
154 260.2 63.2 94.8#





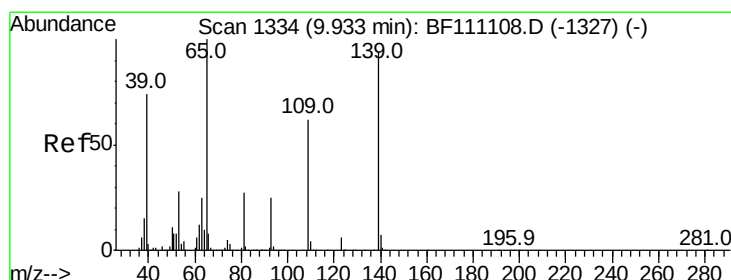
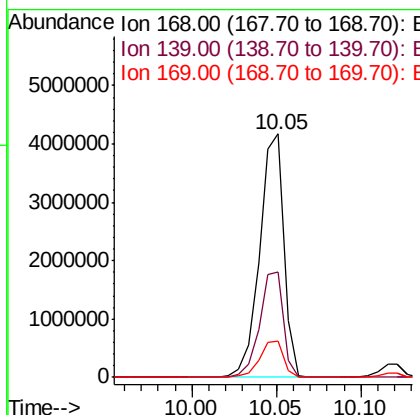
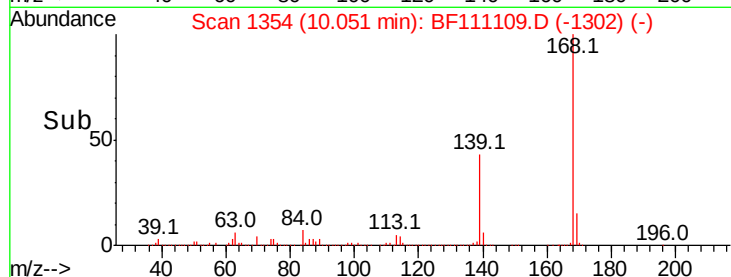
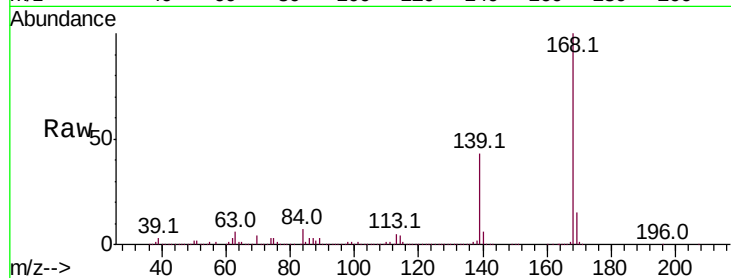
#55
Dibenzofuran
Concen: 43.189 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:168 Resp: 4152574
Ion Ratio Lower Upper
168 100
139 43.1 33.0 49.6
169 15.0 11.3 16.9

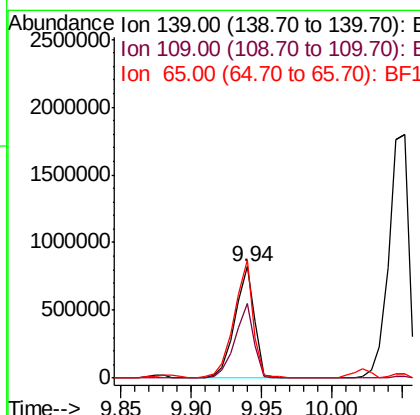
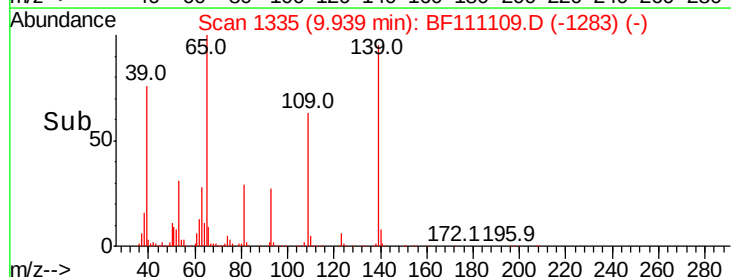
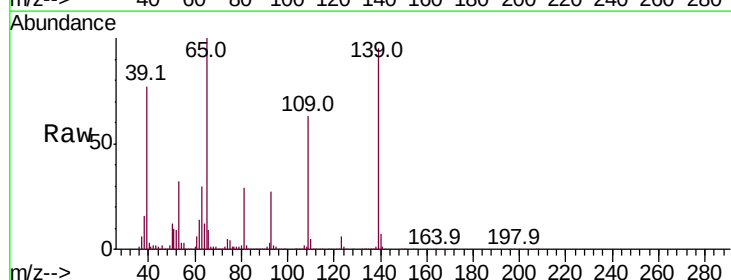
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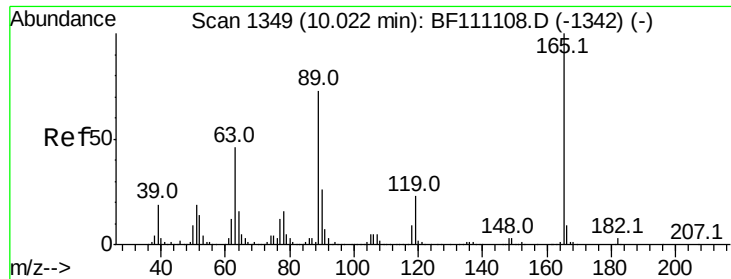
mohammad
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#56
4-Nitrophenol
Concen: 76.912 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:139 Resp: 789484
Ion Ratio Lower Upper
139 100
109 66.5 55.8 95.8
65 105.8 77.9 117.9





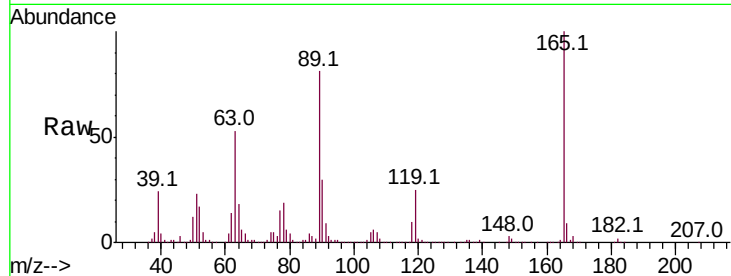
#57
2,4-Dinitrotoluene
Concen: 46.396 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	44.8	67.2
89	81.3	62.2	93.4
182	2.4	2.1	3.1

Manual Integrations
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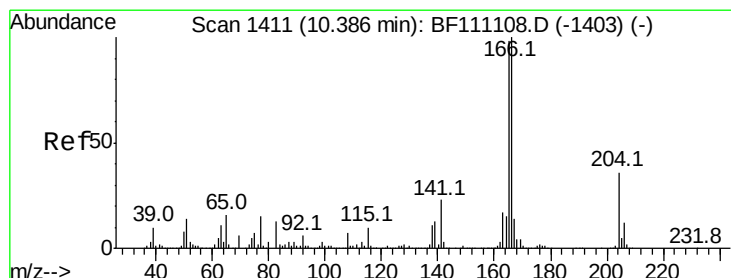
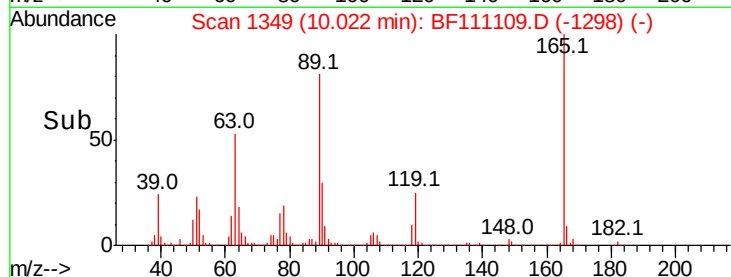
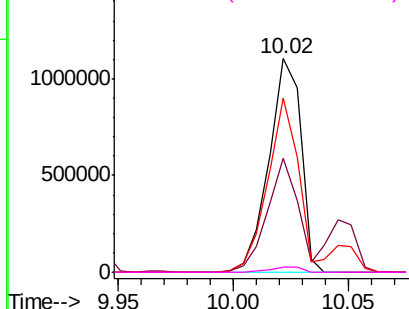
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

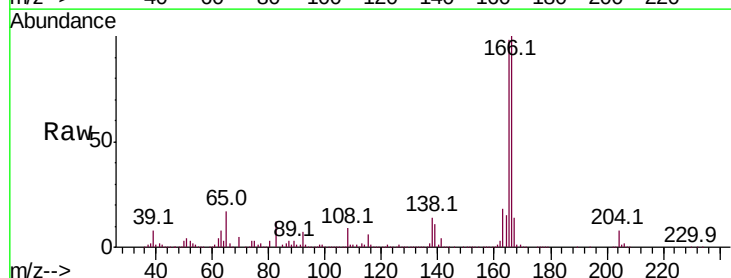
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.745 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	14.1	10.8	16.2

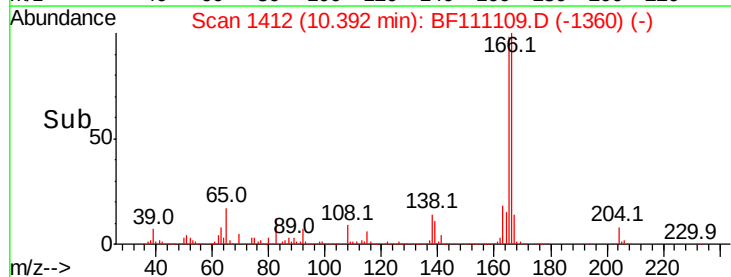
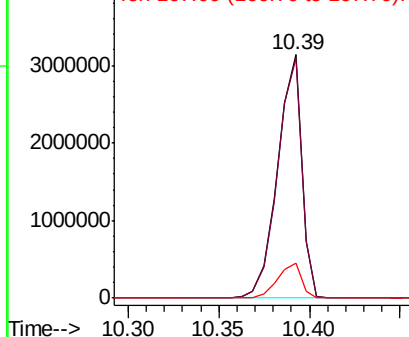


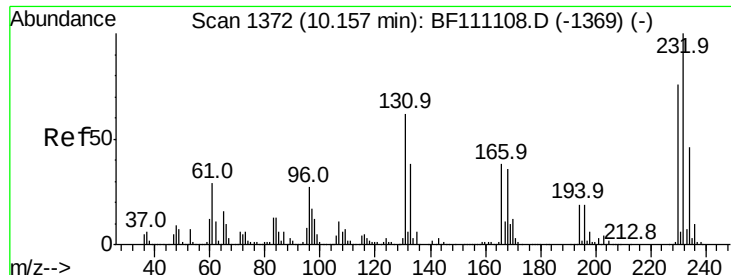
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.595 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:232 Resp: 783064
Ion Ratio Lower Upper

232 100

131 55.9 37.0 55.4#

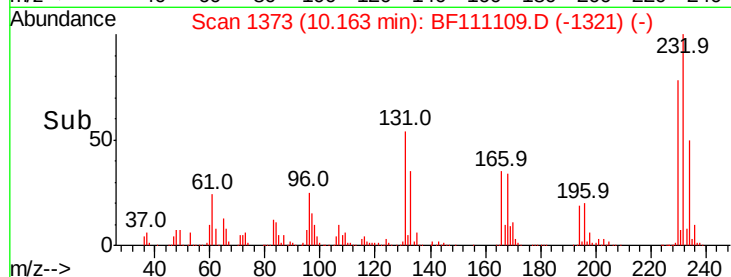
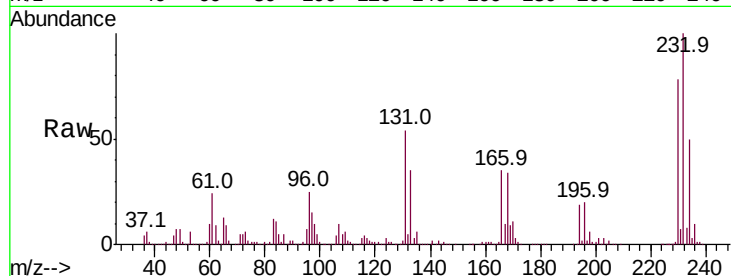
130 2.7 1.8 2.6#

166 35.1 22.0 33.0#

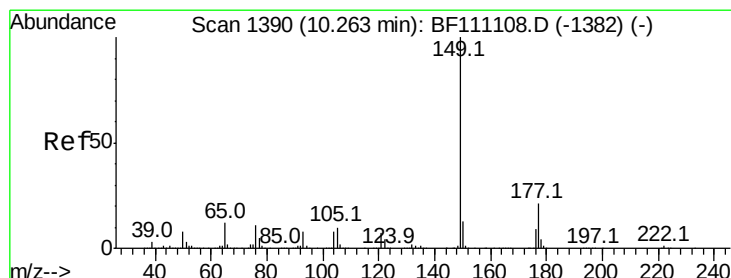
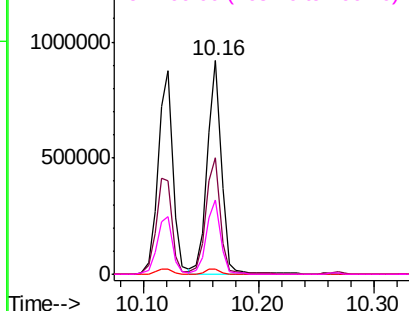
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.381 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111109.D

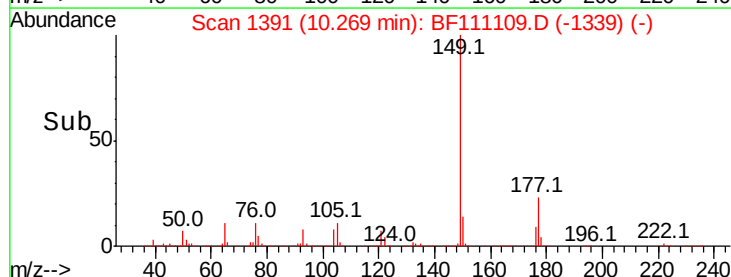
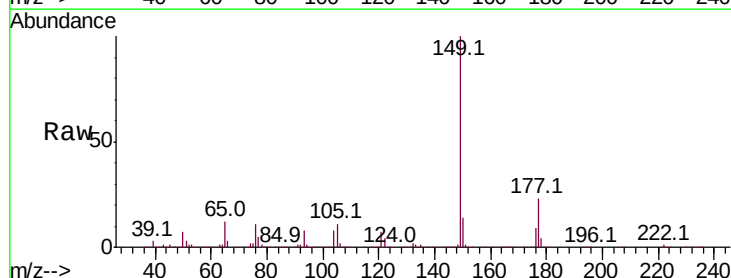
Acq: 5 Dec 2018 15:18

Tgt Ion:149 Resp: 3548517
Ion Ratio Lower Upper

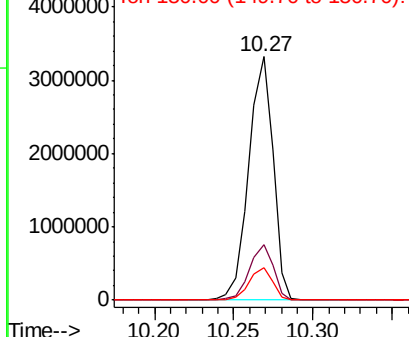
149 100

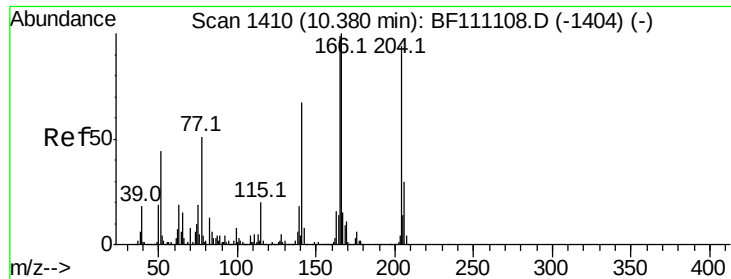
177 22.9 17.4 26.2

150 13.6 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





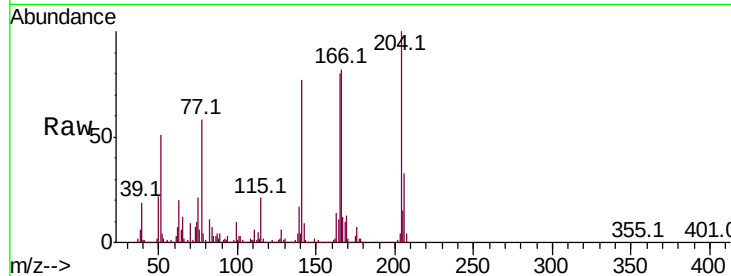
#61
4-Chlorophenyl-phenylether
Concen: 37.144 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	77.3	51.8	77.8

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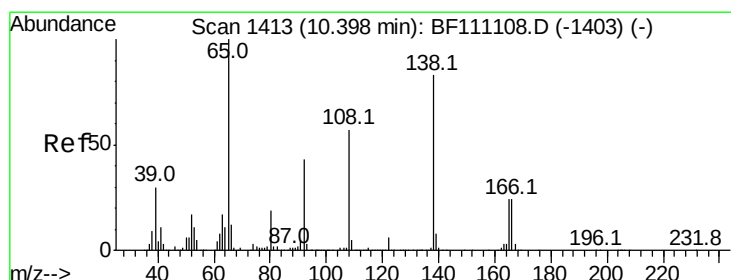
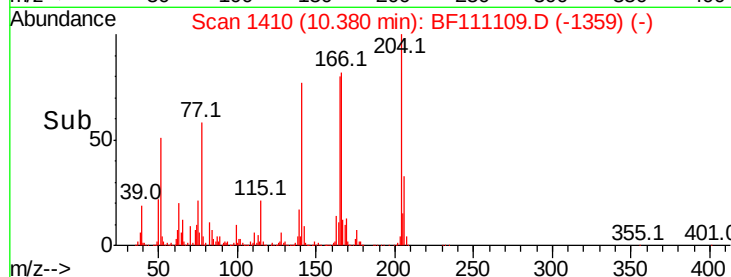
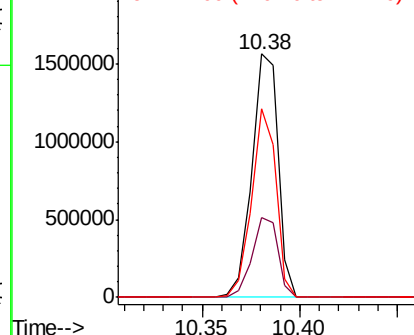


Abundance

Ion 204.00 (203.70 to 204.70): E

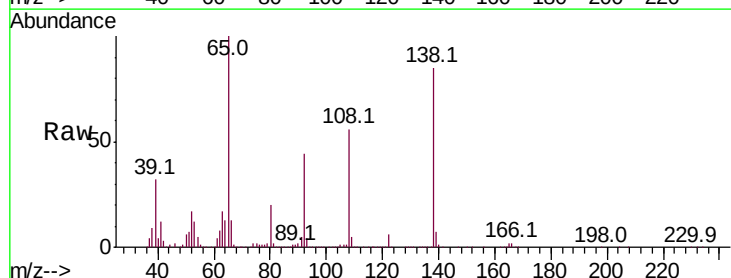
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.372 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.7	71.7
108	66.2	59.3	99.3

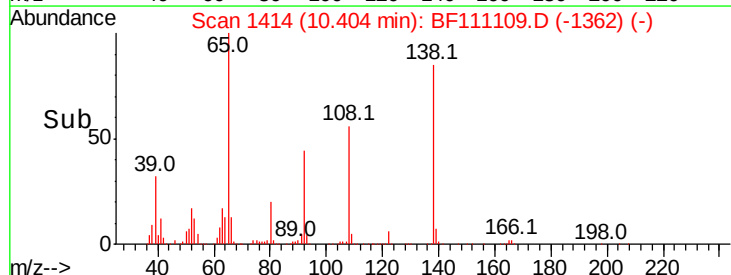
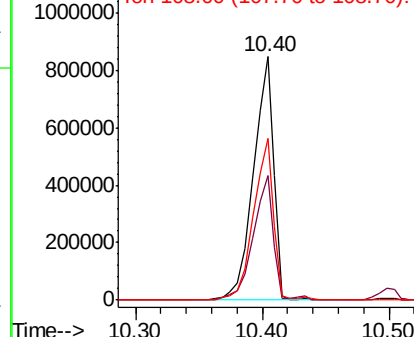


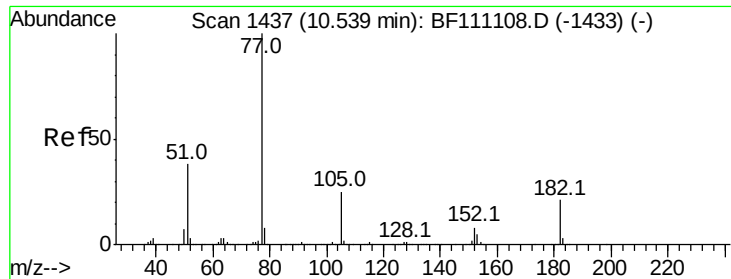
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





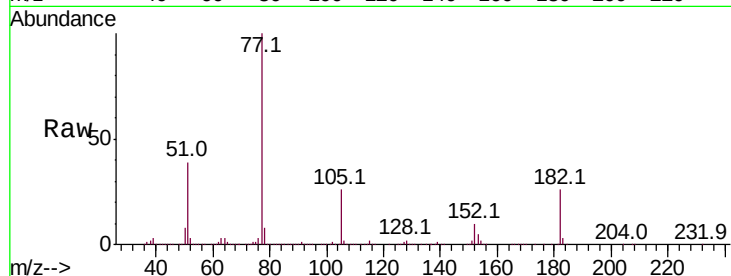
#63
Azobenzene
Concen: 46.267 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

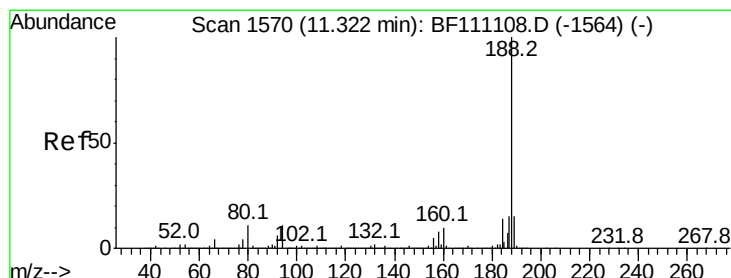
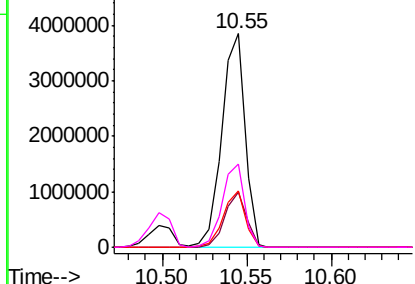
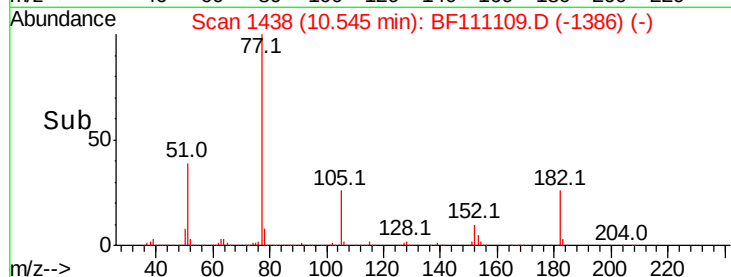
Tot Ion: 77 Resp: 3688814
Ion Ratio Lower Upper
77 100
182 25.7 4.3 44.3
105 26.5 1.3 41.3
51 39.3 9.0 49.0

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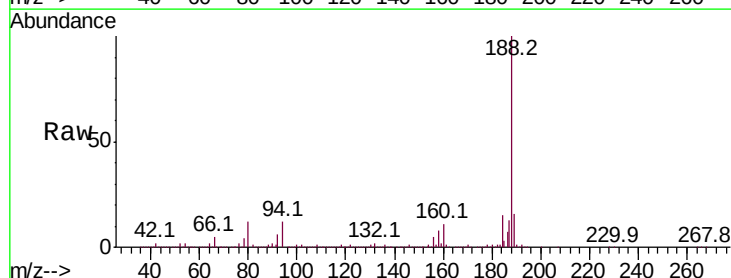


Abundance Ion 77.00 (76.70 to 77.70): BF1
6000000 Ion 182.00 (181.70 to 182.70): E
5000000 Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

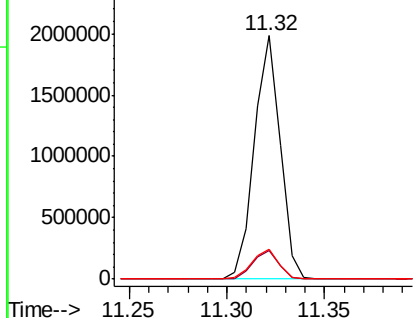
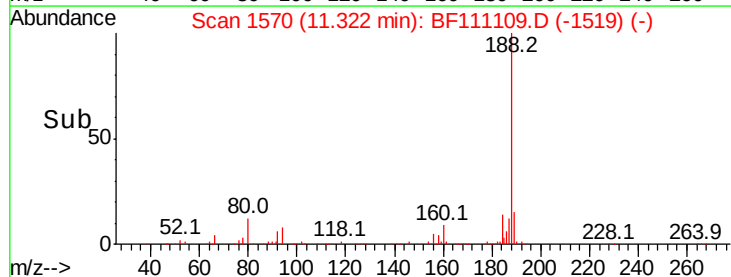


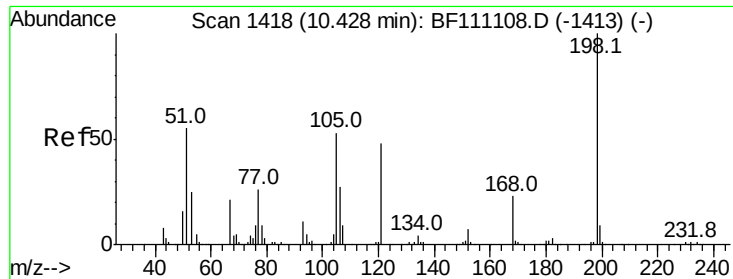
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion: 188 Resp: 1824711
Ion Ratio Lower Upper
188 100
94 11.5 7.2 10.8#
80 12.2 7.9 11.9#



Abundance Ion 188.00 (187.70 to 188.70): E
2500000 Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





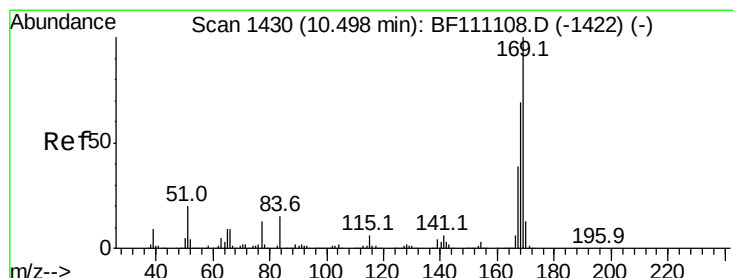
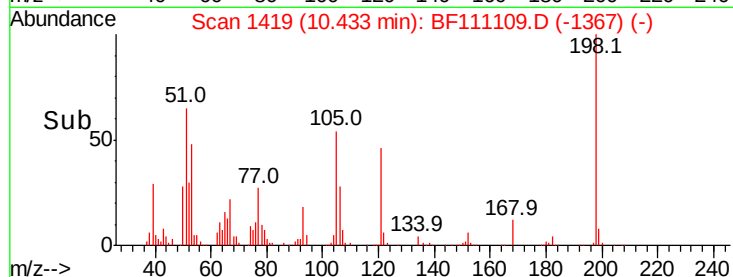
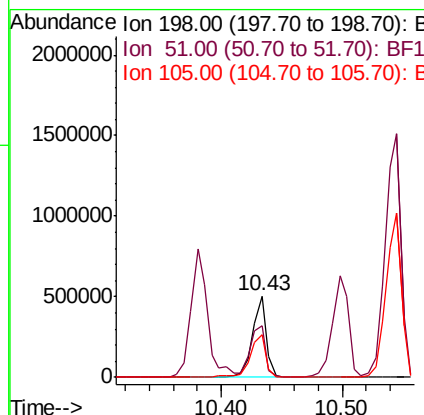
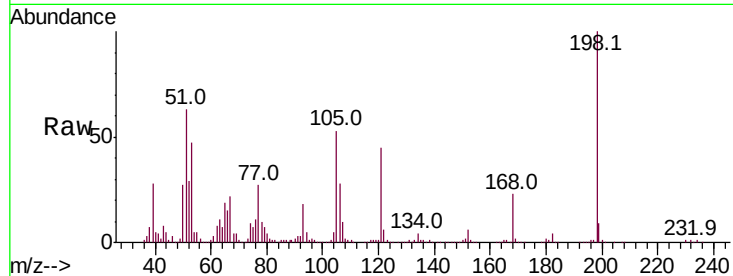
#65
4,6-Dinitro-2-methylphenol
Concen: 46.620 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
198	100		
51	63.1	22.8	62.8#
105	53.2	23.6	63.6

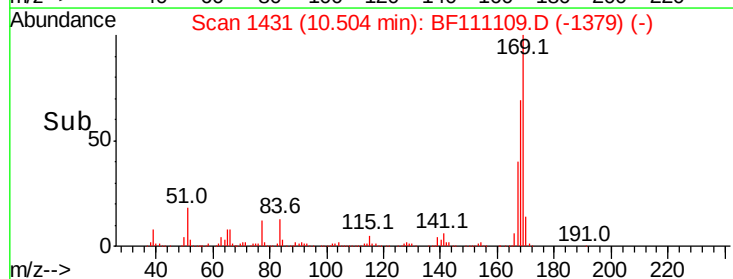
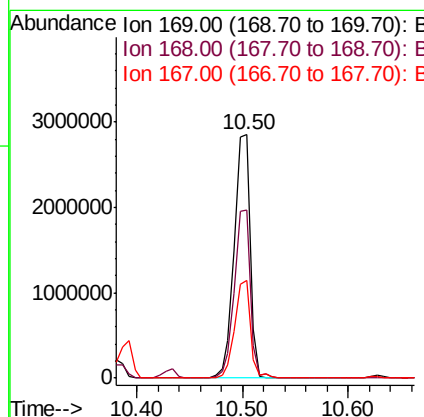
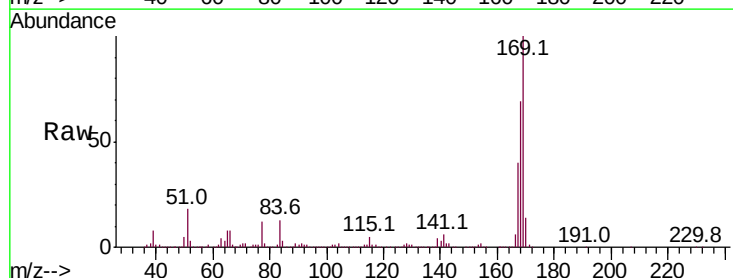
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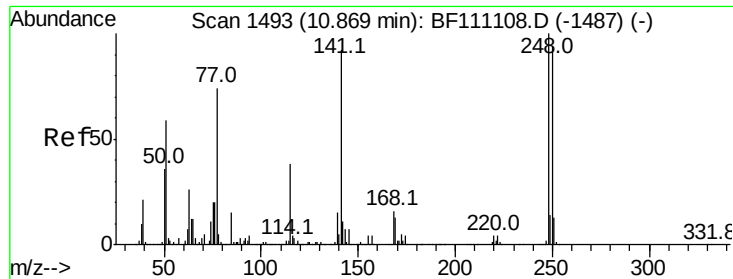
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#66
n-Nitrosodiphenylamine
Concen: 48.489 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	51.2	76.8
167	40.0	27.8	41.6





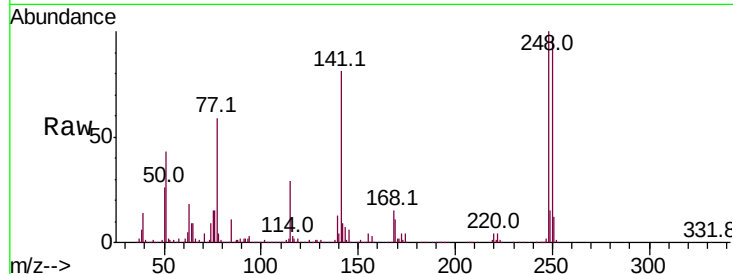
#67
4-Bromophenyl-phenylether
Concen: 45.692 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.4	119.2
141	80.7	55.9	83.9

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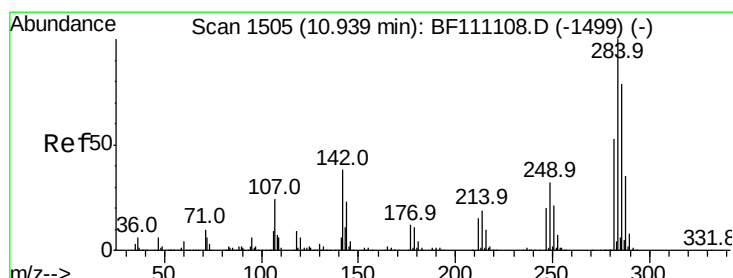
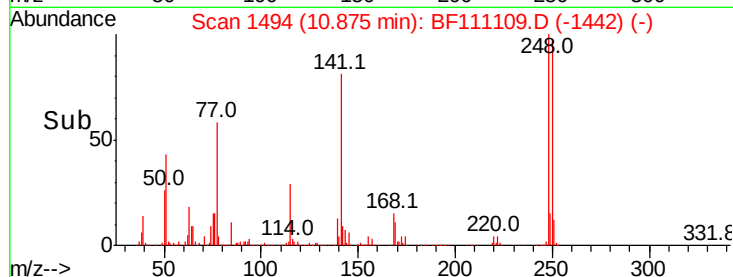
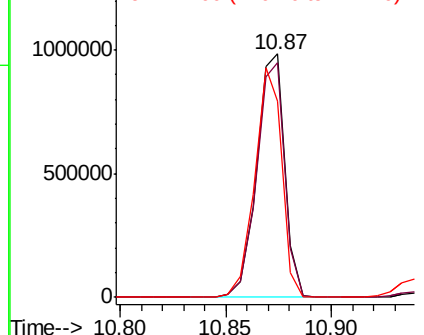


Abundance

Ion 248.00 (247.70 to 248.70): E

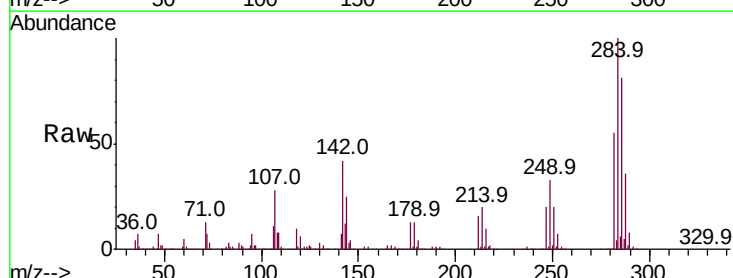
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.839 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.3	23.9	35.9#
249	33.3	24.2	36.2

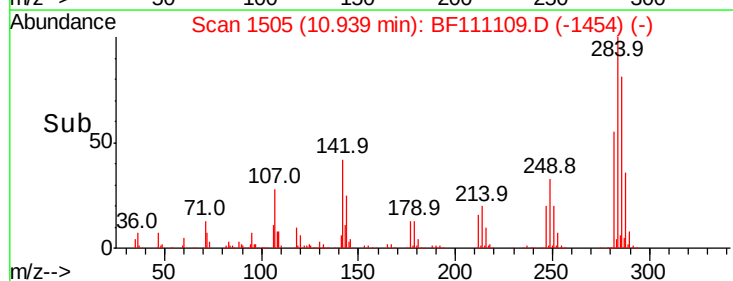
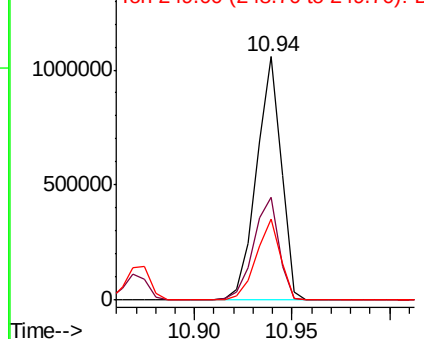


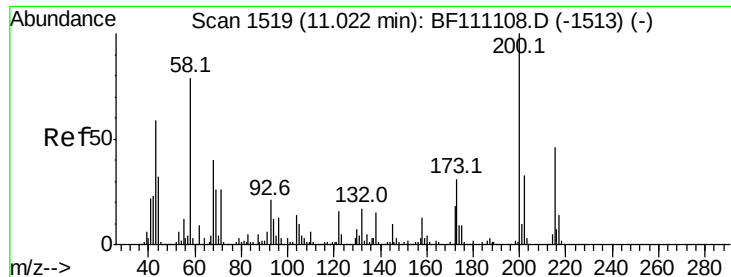
Abundance

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





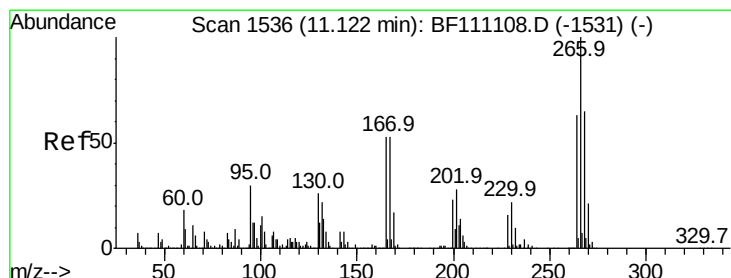
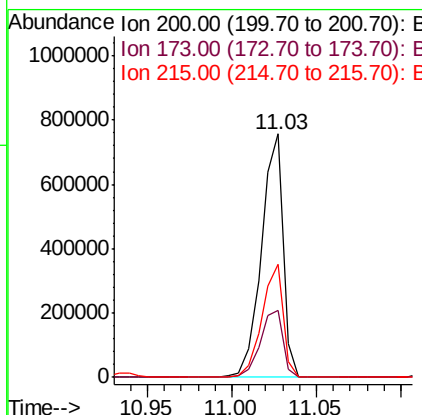
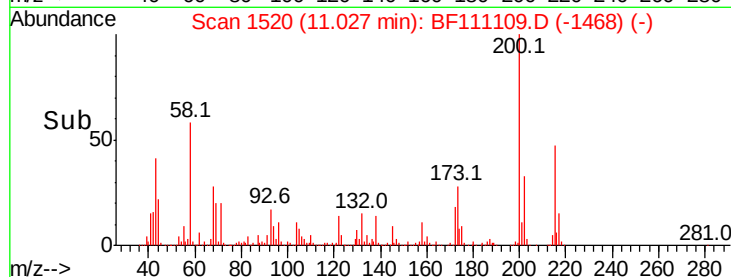
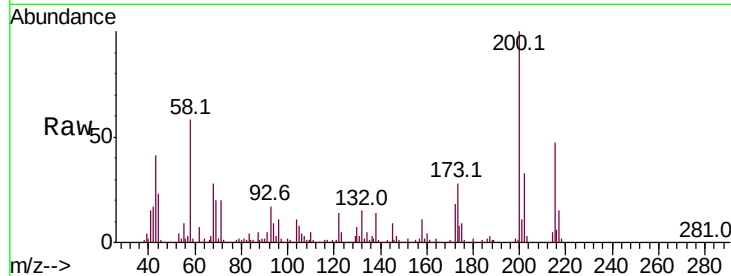
#69
 Atrazine
 Concen: 43.173 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	200	Resp:	674901
Ion Ratio	Lower	Upper	
200	100		
173	27.7	6.6	46.6
215	46.6	26.3	66.3

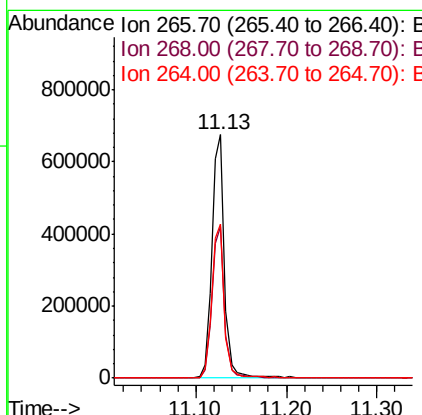
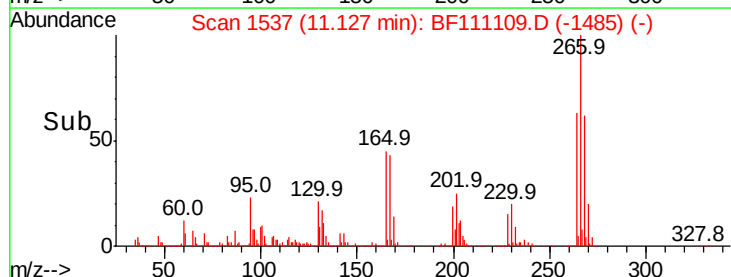
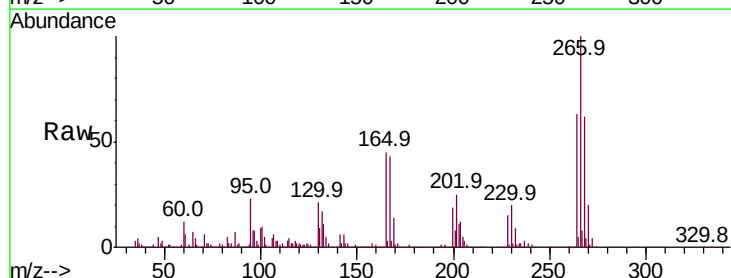
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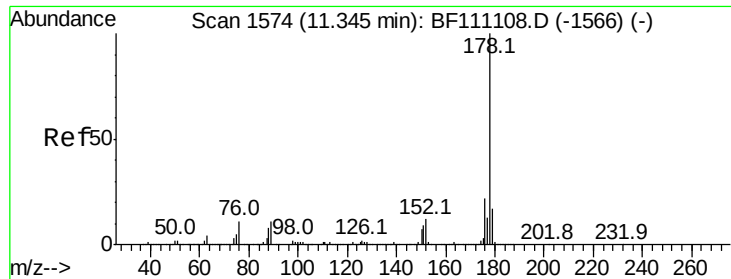
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#70
 Pentachlorophenol
 Concen: 78.694 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion:	266	Resp:	662712
Ion Ratio	Lower	Upper	
266	100		
268	62.4	50.6	75.8
264	63.3	50.6	75.8





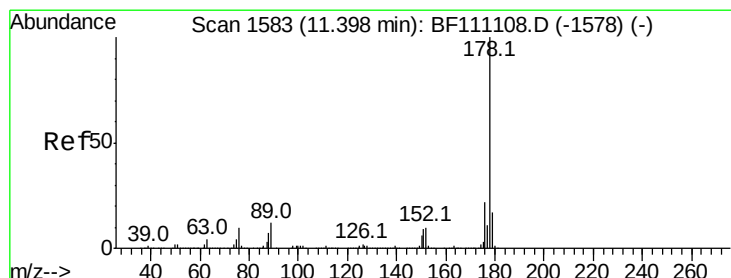
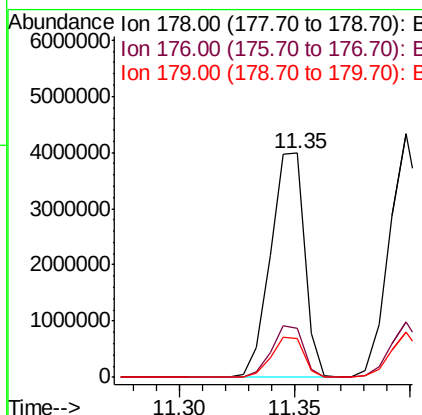
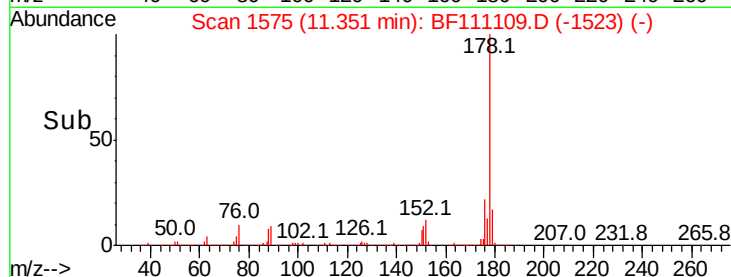
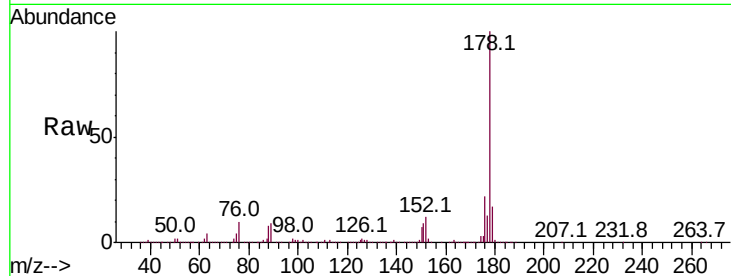
#71
Phenanthrene
Concen: 42.225 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:178 Resp: 4080743
Ion Ratio Lower Upper
178 100
176 22.1 15.5 23.3
179 17.1 12.5 18.7

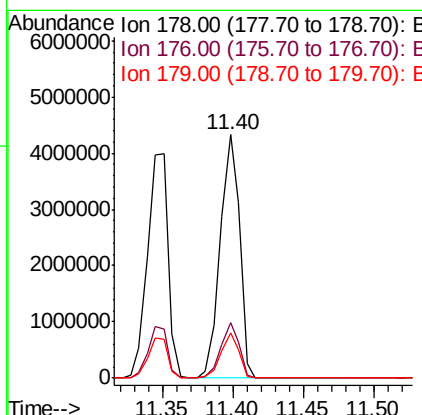
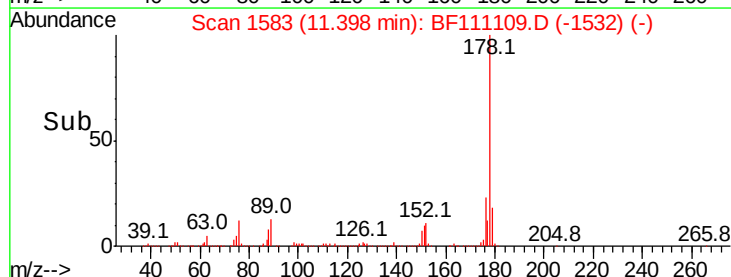
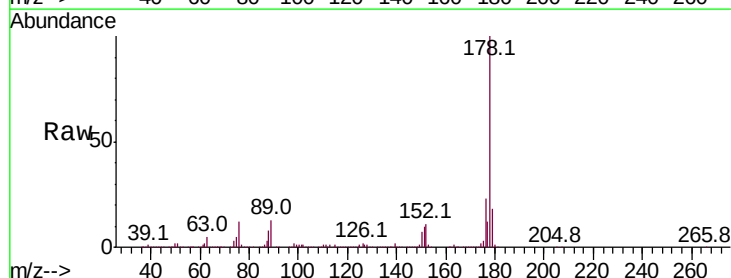
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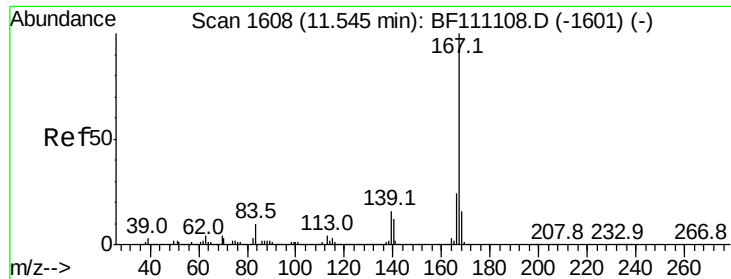
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#72
Anthracene
Concen: 41.926 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:178 Resp: 4126334
Ion Ratio Lower Upper
178 100
176 22.8 15.4 23.2
179 18.4 12.6 18.8





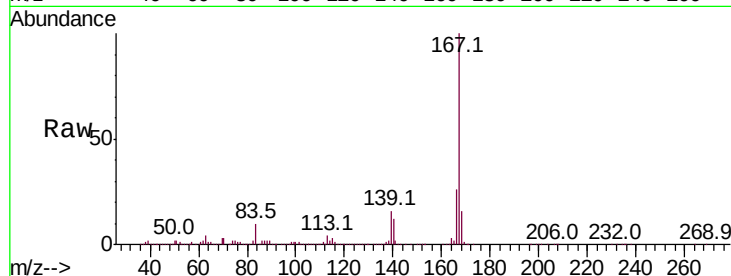
#73
 Carbazole
 Concen: 44.754 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.4	26.0
139	16.2	10.9	16.3

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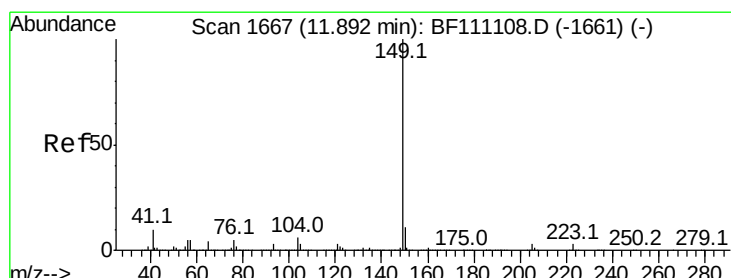
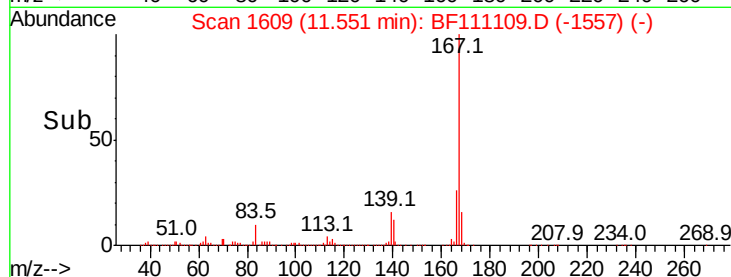
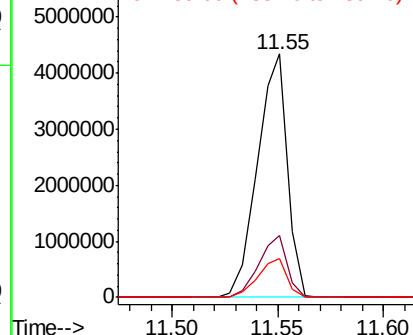


Abundance

Ion 167.00 (166.70 to 167.70): E

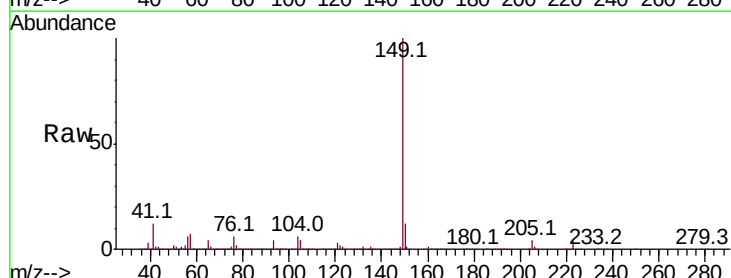
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.197 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111109.D
 Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.0	7.7	11.5#
104	6.4	4.2	6.4

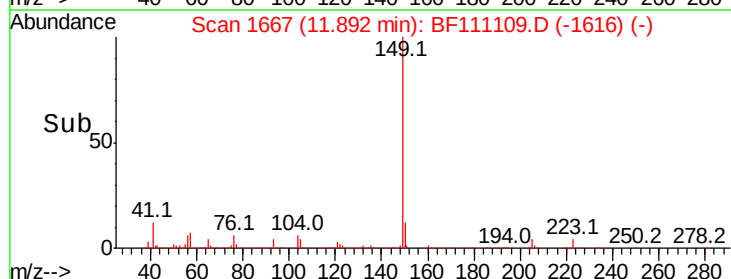
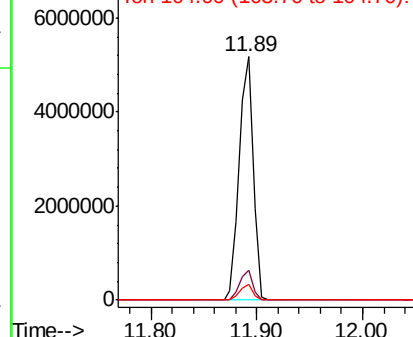


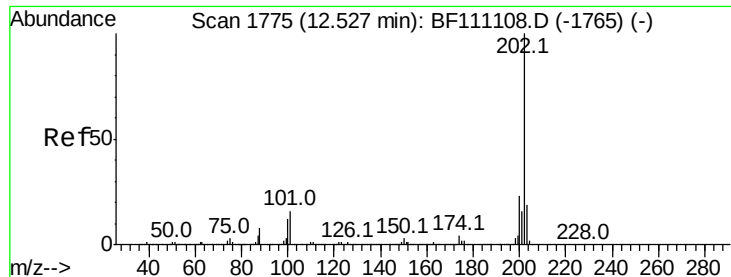
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.151 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

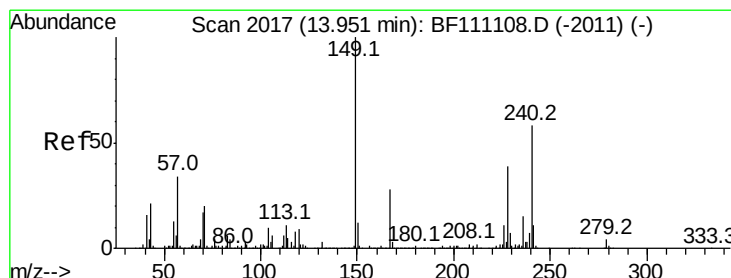
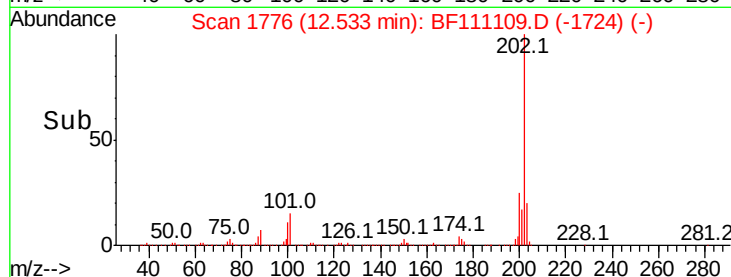
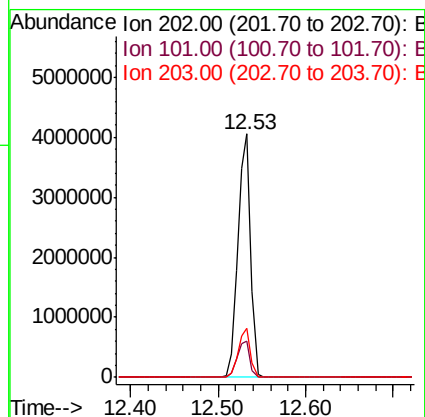
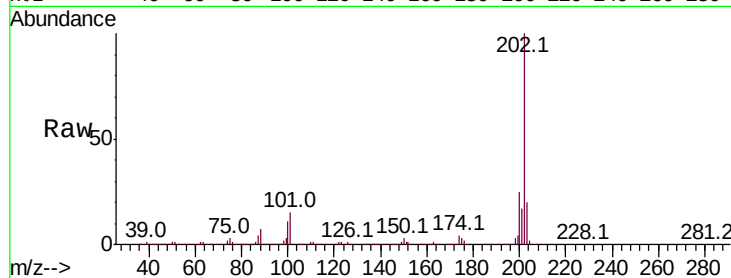
ClientSampleId :

SSTDIC050

Tot Ion:	202	Resp:	3988077
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	31.4
203	20.0	0.0	37.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

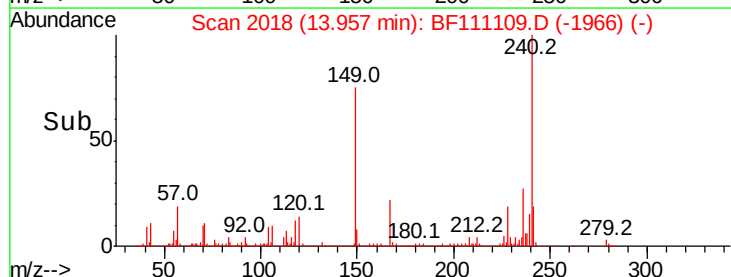
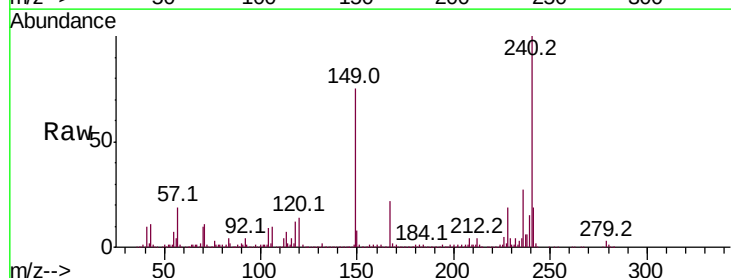
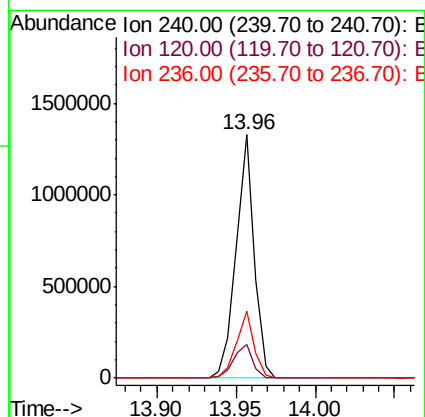
RT: 13.96 min Scan# 2018

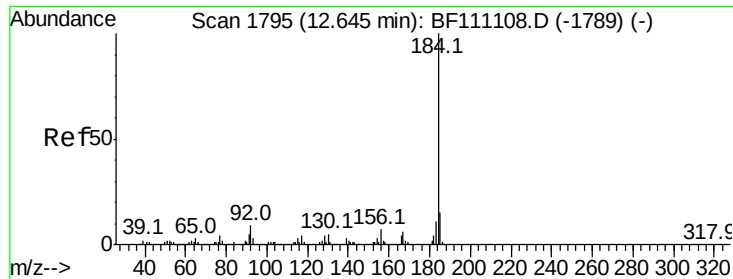
Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Tgt Ion:	240	Resp:	1064352
Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.3	12.5#
236	27.3	21.2	31.8





#77

Benzidine

Concen: 51.041 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:184 Resp: 1389545

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.2

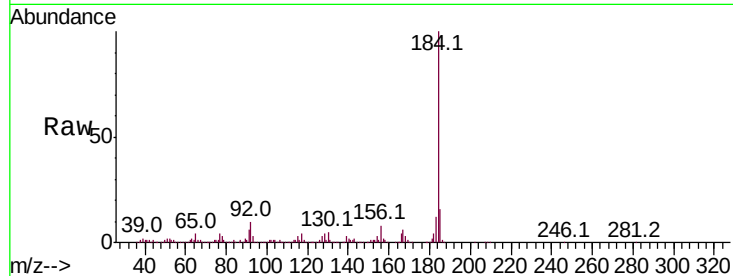
183 11.6 9.4 14.2

Manual Integrations

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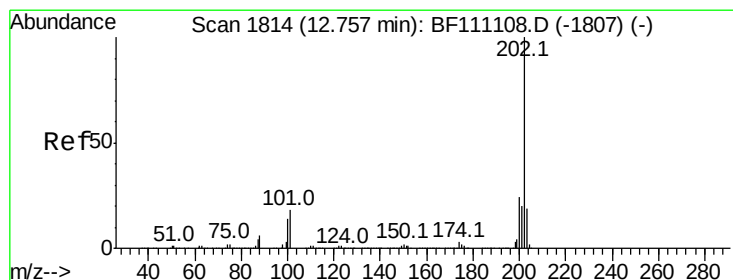
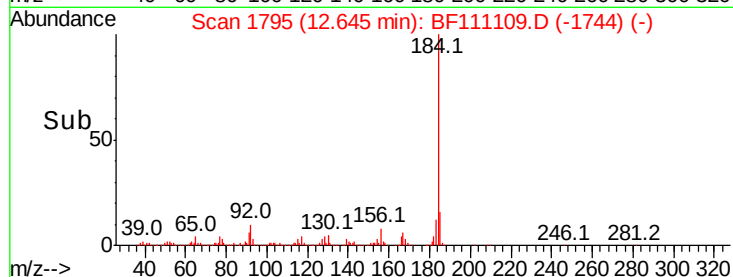
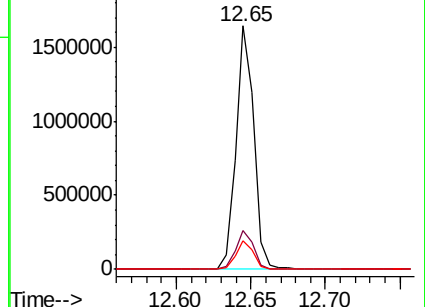
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.199 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

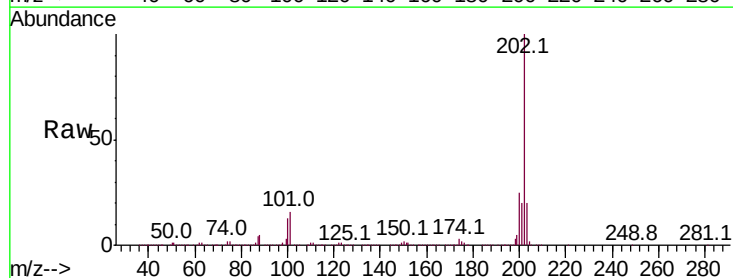
Tgt Ion:202 Resp: 4057781

Ion Ratio Lower Upper

202 100

200 24.9 17.8 26.6

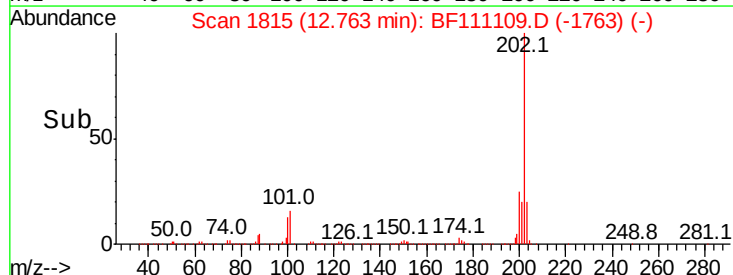
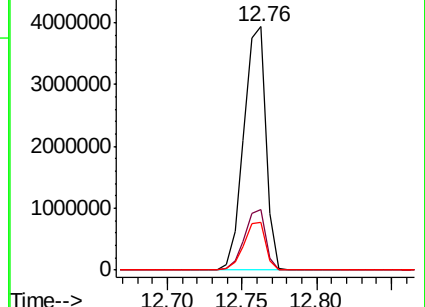
203 19.6 14.2 21.4

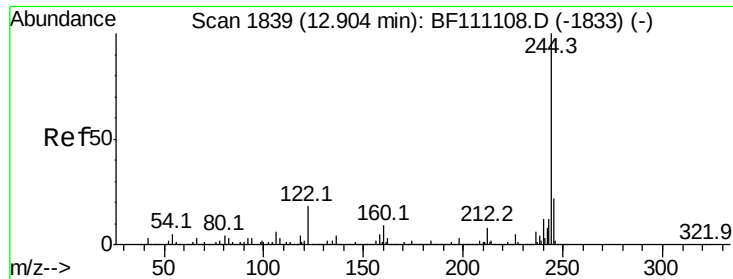


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





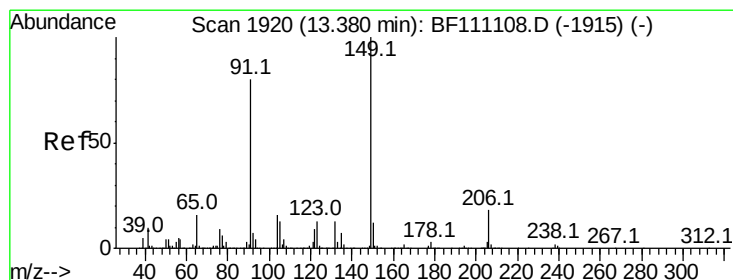
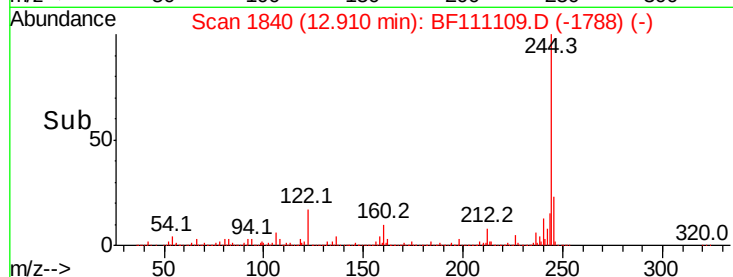
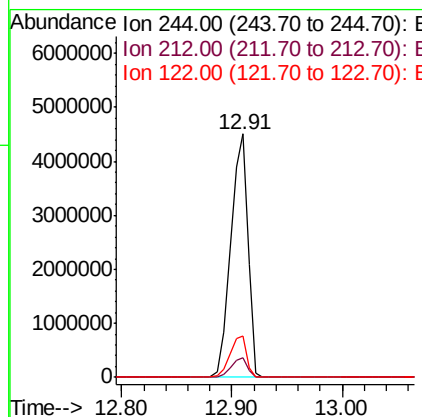
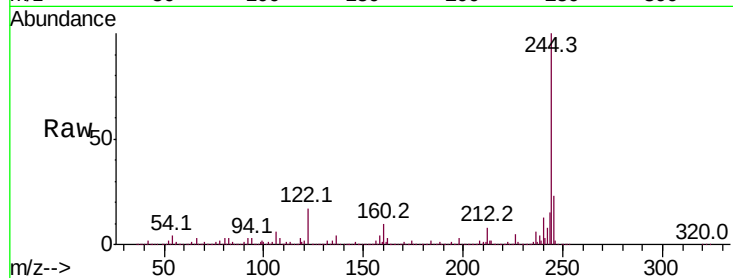
#79
Terphenyl-d14
Concen: 90.013 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:244 Resp: 4921596
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 16.9 8.7 13.1#

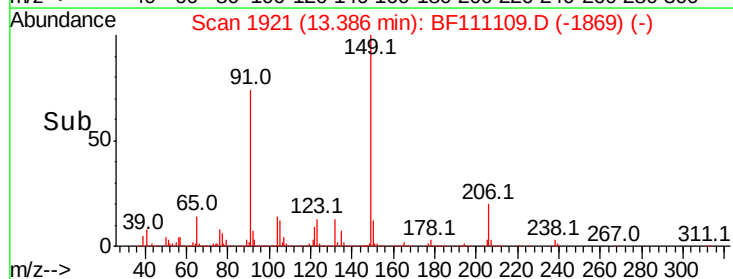
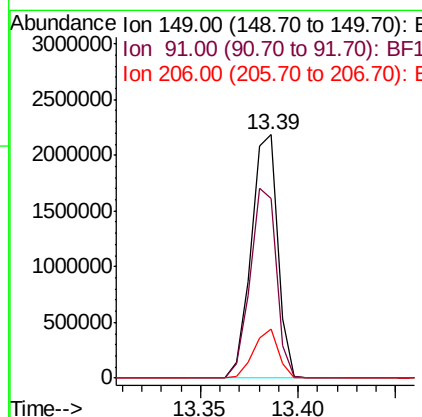
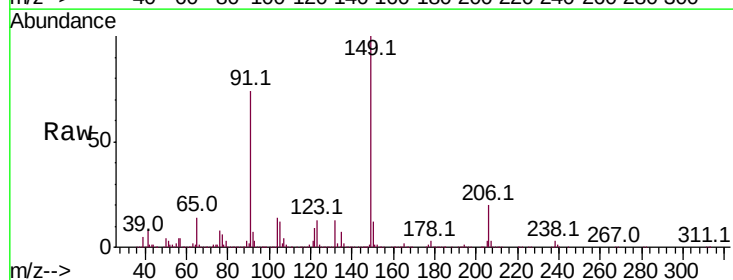
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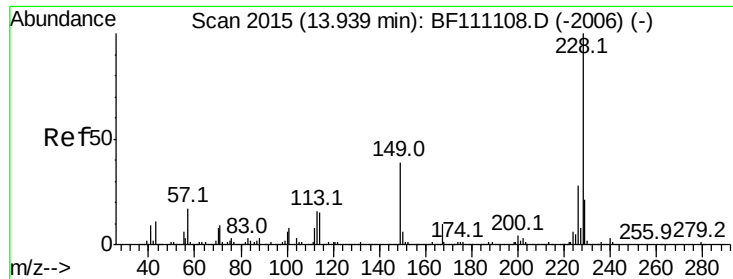
mohammad
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#80
Butylbenzylphthalate
Concen: 58.620 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:149 Resp: 2057382
Ion Ratio Lower Upper
149 100
91 73.9 57.2 85.8
206 20.0 15.7 23.5





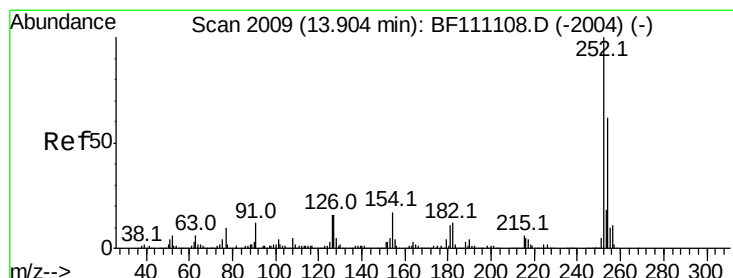
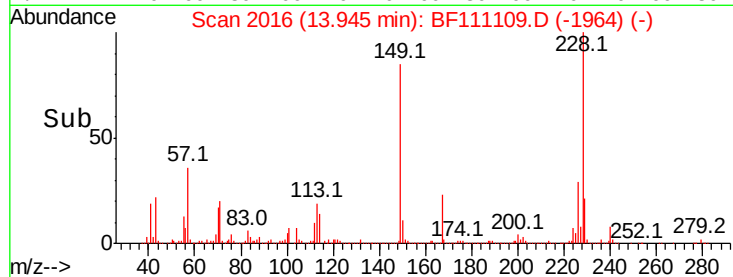
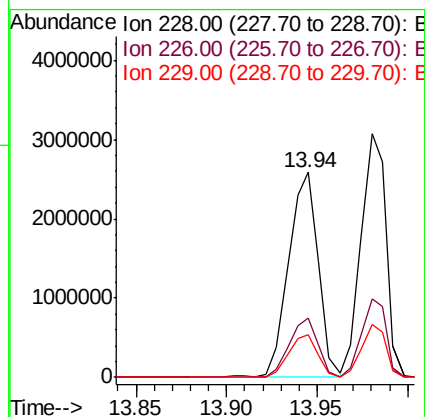
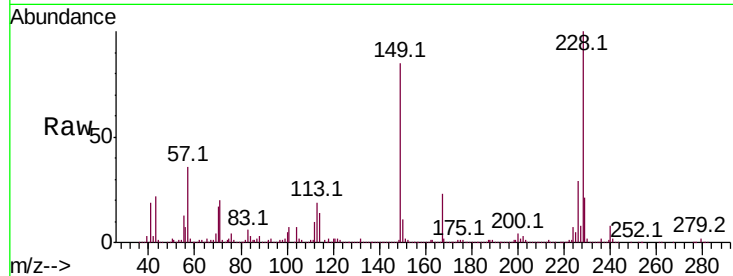
#81
Benzo(a)anthracene
Concen: 46.998 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	20.6	15.6	23.4

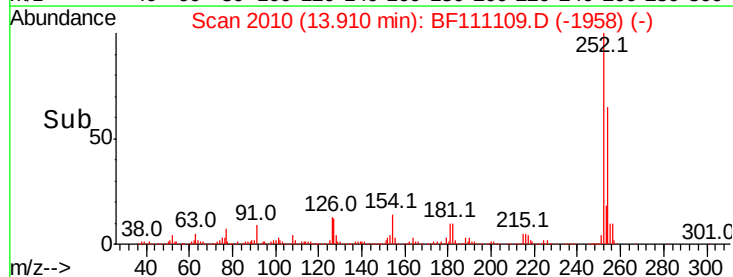
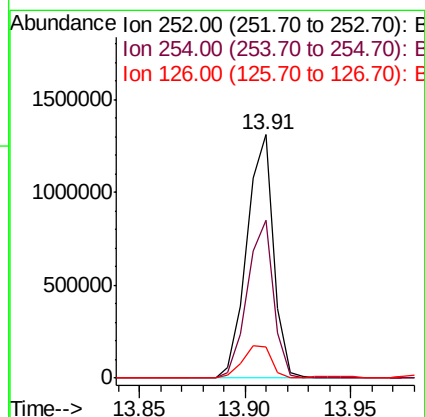
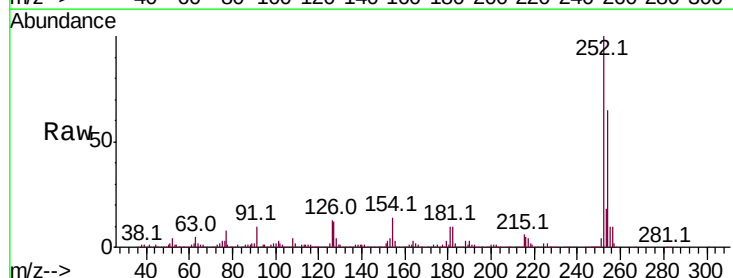
Manual Integrations
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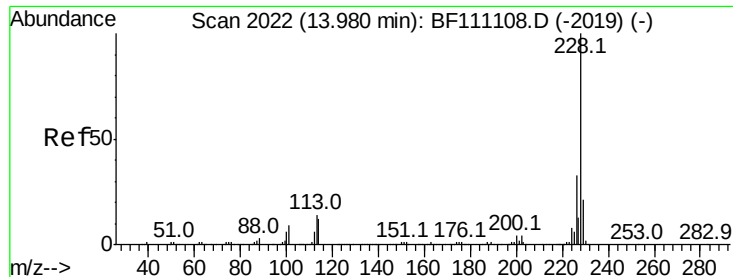
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 53.107 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	12.6	9.4	14.2





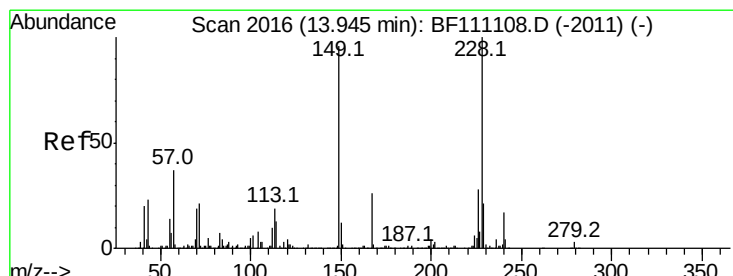
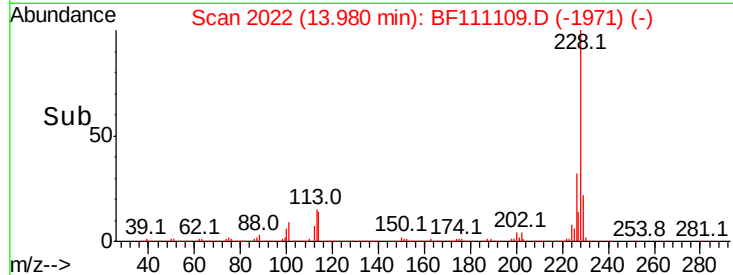
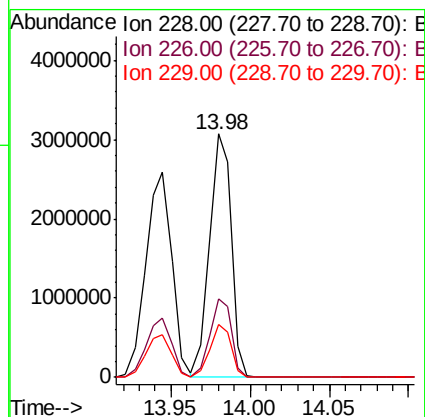
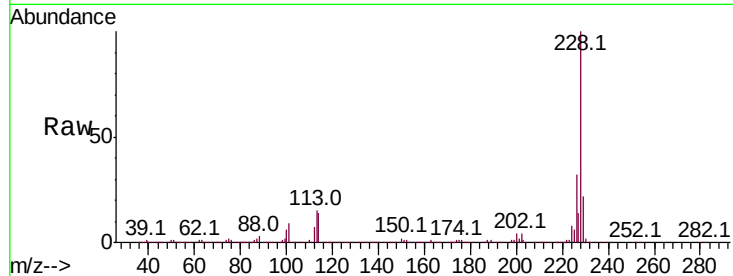
#83
Chrysene
Concen: 47.860 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	21.5	15.9	23.9

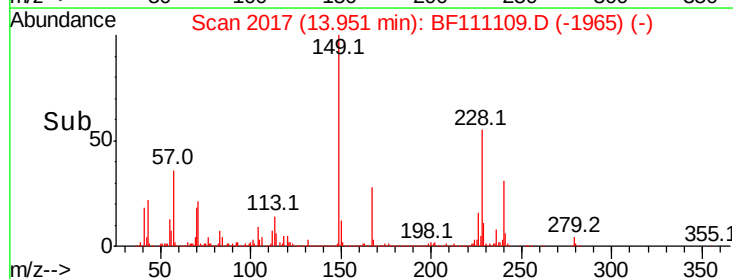
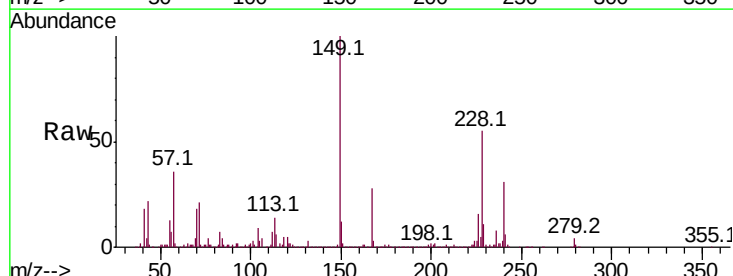
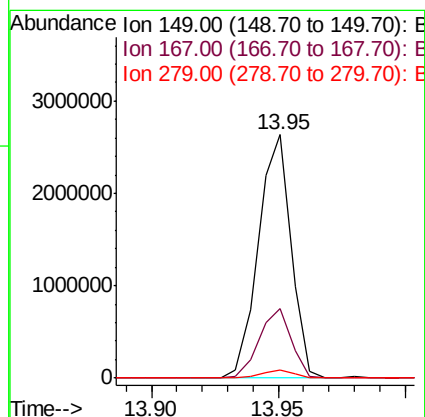
Manual Integrations
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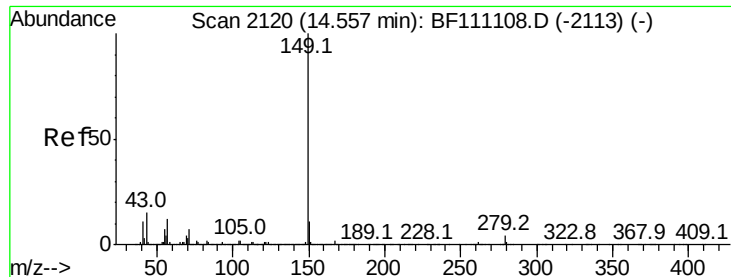
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.869 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	19.8	29.8
279	3.5	2.7	4.1





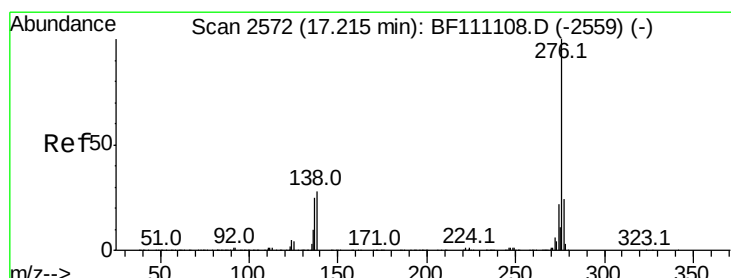
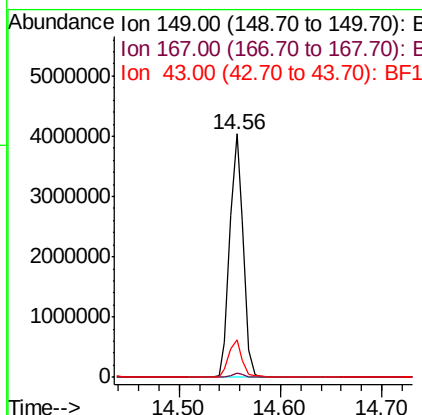
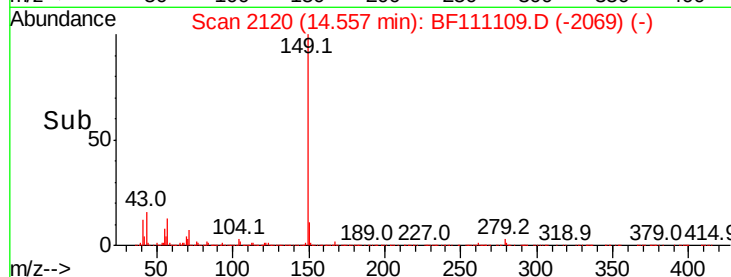
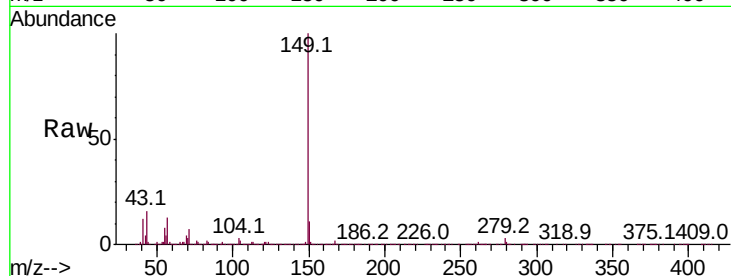
#85
Di-n-octyl phthalate
Concen: 50.063 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleID :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	15.7	7.8	11.8

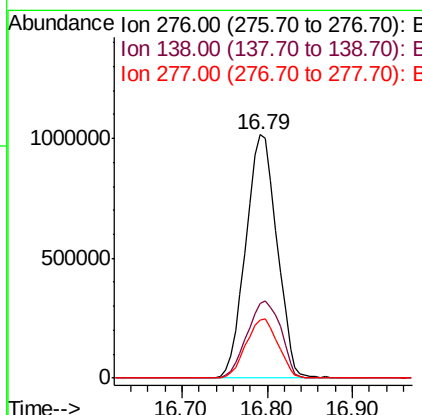
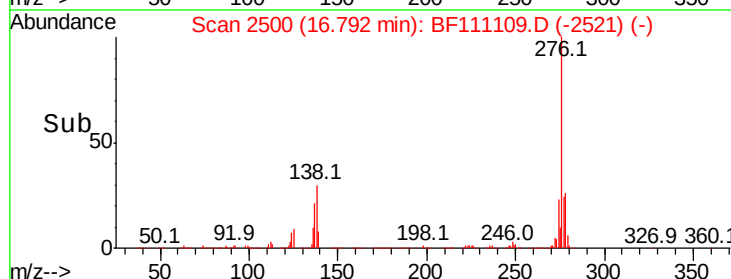
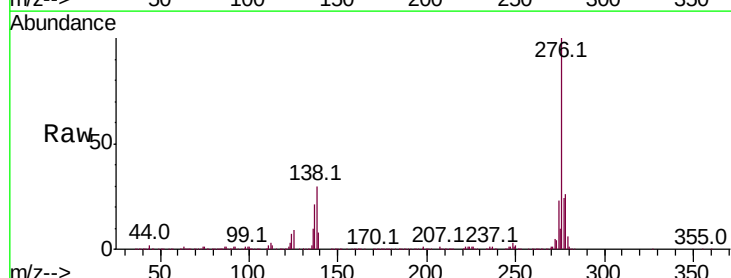
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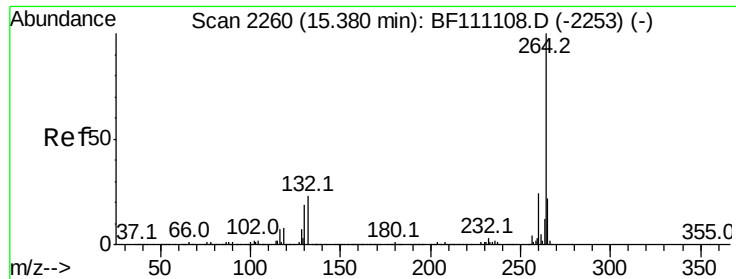
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.783 ng m
RT: 16.79 min Scan# 2500
Delta R.T. -0.42 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.5	27.7
277	20.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

Instrument :

BNA_F

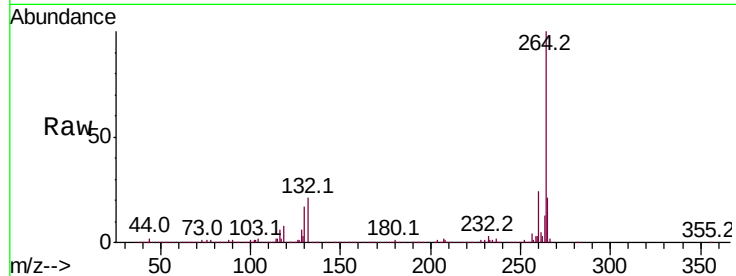
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.2	16.7	25.1

Manual Integrations
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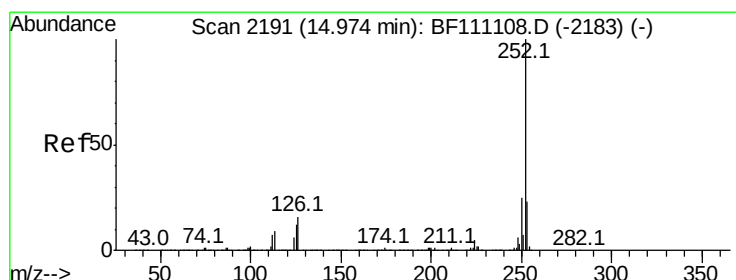
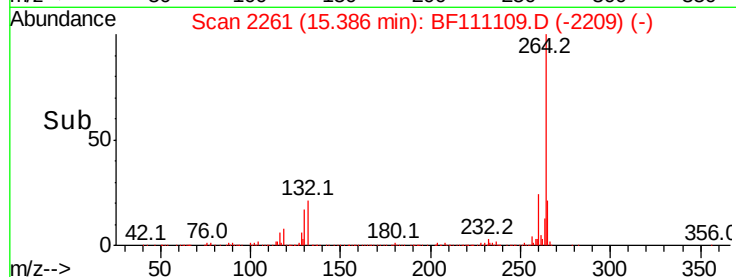
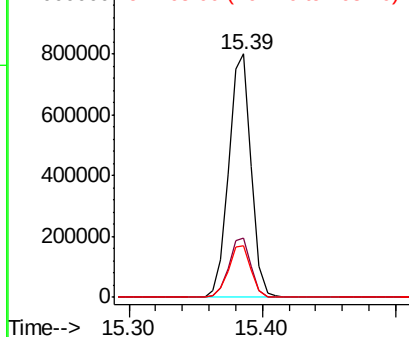


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.922 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BF111109.D

Acq: 5 Dec 2018 15:18

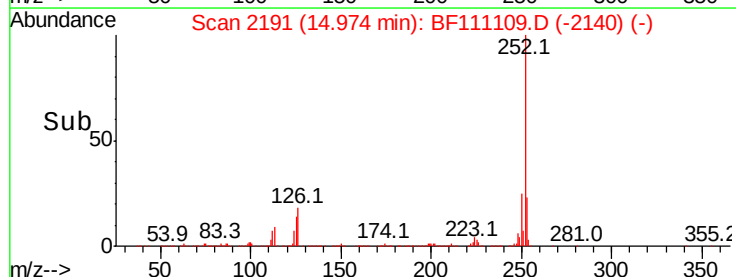
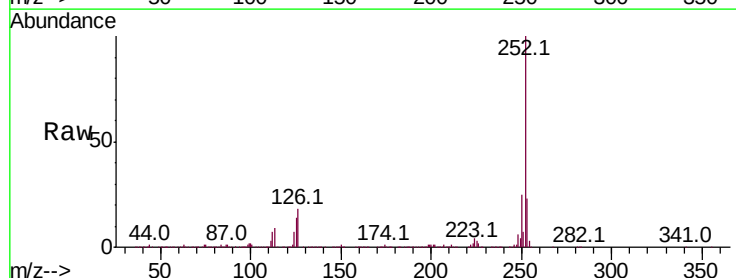
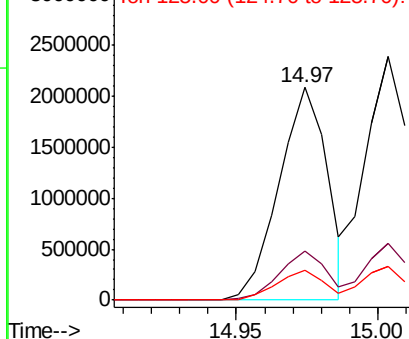
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.8	8.2	12.4

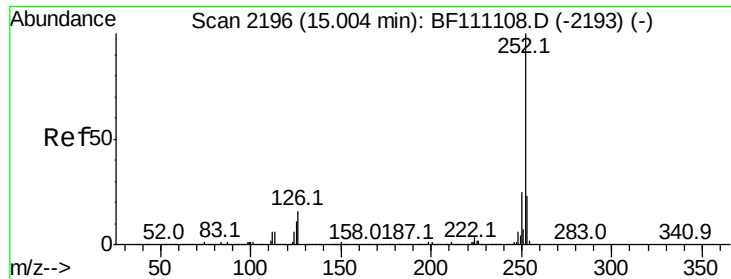
Abundance

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





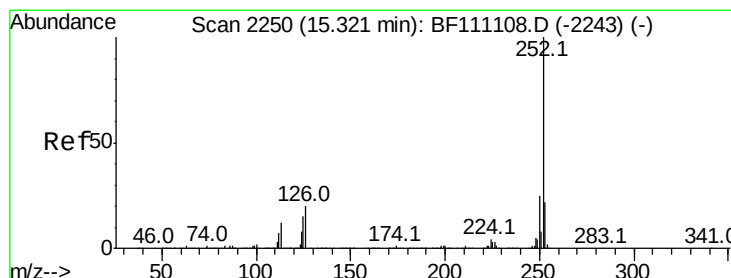
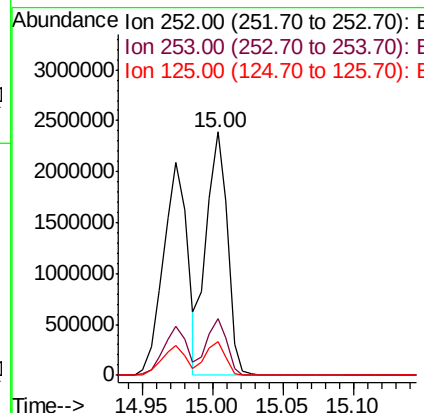
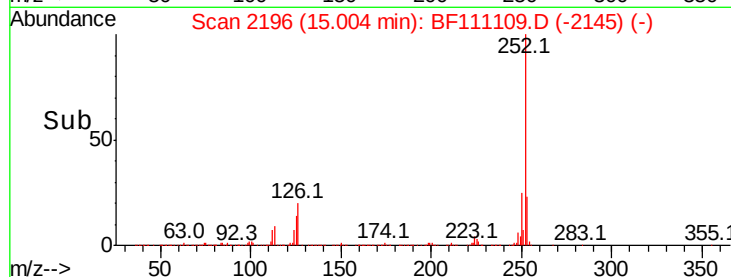
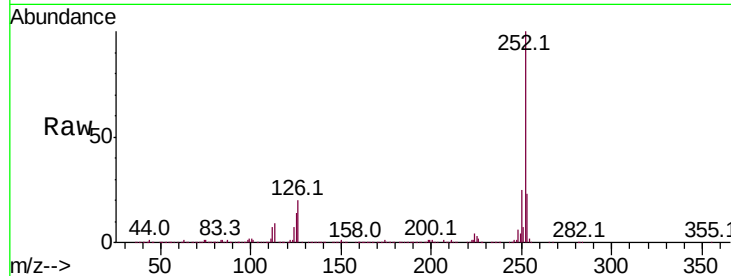
#89
Benzo(k)fluoranthene
Concen: 43.536 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:252 Resp: 2485363
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 14.1 7.4 11.0#

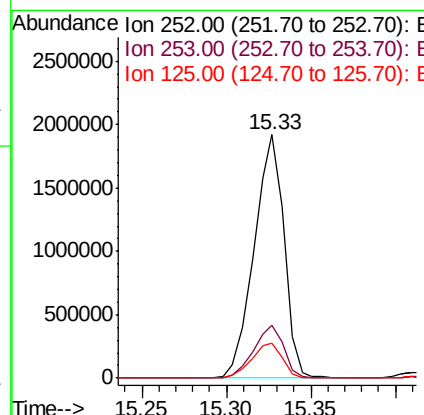
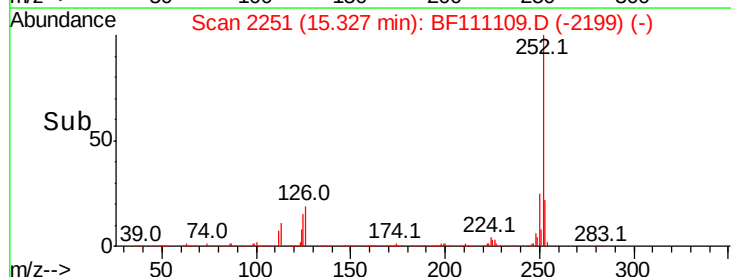
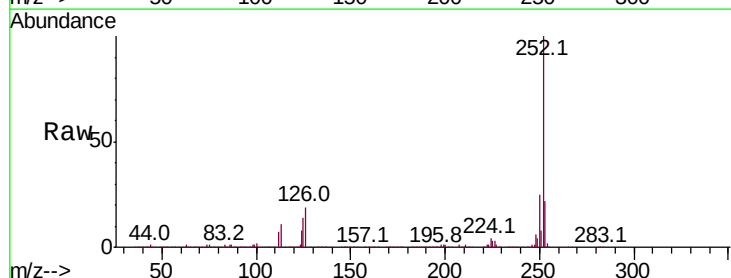
Manual Integrations
APPROVED

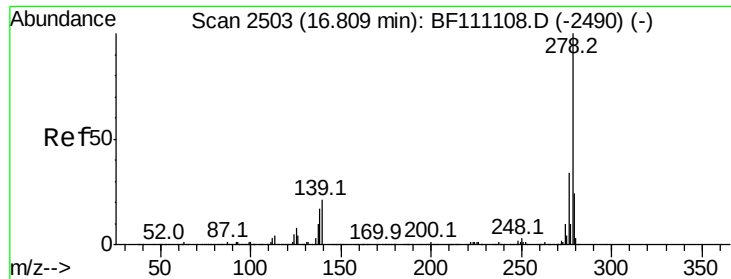
mohammad
12/6/2018 12:11:35 PM



#90
Benzo(a)pyrene
Concen: 45.929 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:252 Resp: 2371179
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 14.4 9.0 13.6#





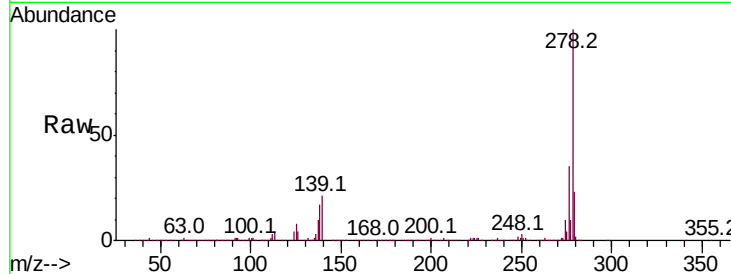
#91
Dibenzo(a,h)anthracene
Concen: 50.670 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

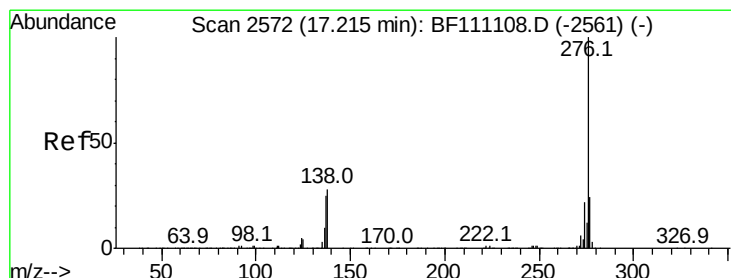
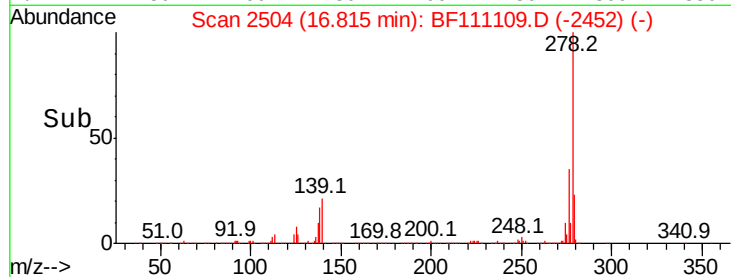
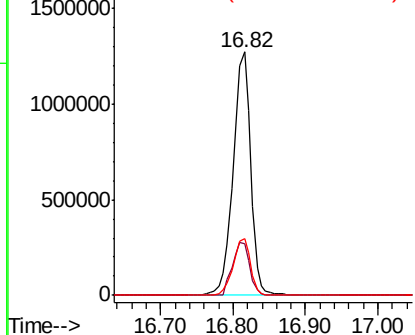
Tot Ion:278 Resp: 2158357
Ion Ratio Lower Upper
278 100
139 21.3 12.7 19.1#
279 23.1 19.0 28.4

Manual Integrations
APPROVED

mohammad
12/6/2018 12:11:35 PM

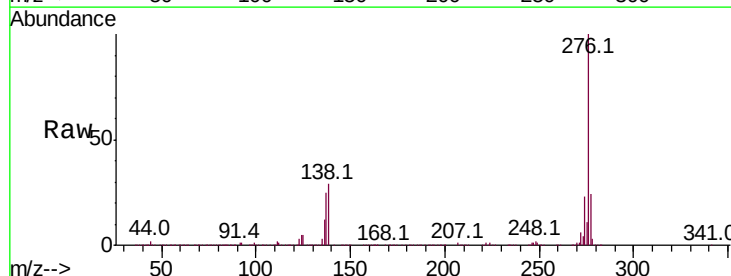


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.809 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BF111109.D
Acq: 5 Dec 2018 15:18

Tgt Ion:276 Resp: 2168918
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 28.8 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

