

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111143.D
 Acq On : 6 Dec 2018 17:37
 Operator : JU/SJ
 Sample : J6233-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:18:59 PM

Quant Time: Dec 07 11:38:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	485460	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1923241	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	908120	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1560157	20.00	ng	0.00
76) Chrysene-d12	13.96	240	809801	20.00	ng	0.00
87) Perylene-d12	15.39	264	908065	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3417735	109.86	ng	0.01
7) Phenol-d6	6.44	99	4435282	110.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	2860008	88.04	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	931164	129.00	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4484786	92.72	ng	0.00
79) Terphenyl-d14	12.91	244	3610255	91.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	472463	26.403	ng	98
3) Pyridine	3.32	79	1227173	30.921	ng	97
4) n-Nitrosodimethylamine	3.25	42	782287	40.034	ng	100
6) Aniline	6.47	93	1775195	33.155	ng	99
8) 2-Chlorophenol	6.59	128	1356553	37.831	ng	95
9) Benzaldehyde	6.35	77	684627	29.468	ng	98
10) Phenol	6.46	94	1936729m	44.322	ng	
11) bis(2-Chloroethyl)ether	6.55	93	1300798	36.423	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1379565	36.175	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1395300	36.357	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1316627	36.880	ng	99
15) Benzyl Alcohol	6.95	79	1213375	38.213	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2574199	37.054	ng	99
17) 2-Methylphenol	7.06	107	1139090	38.698	ng	99
18) Hexachloroethane	7.32	117	530937	36.879	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	991640	36.821	ng	98
20) 3+4-Methylphenols	7.21	107	1376958	38.355	ng	95
22) Acetophenone	7.22	105	1805667	38.851	ng	# 92
24) Nitrobenzene	7.39	77	1425355	40.785	ng	98
25) Isophorone	7.63	82	2632333	44.153	ng	100
26) 2-Nitrophenol	7.70	139	707294	47.897	ng	93
27) 2,4-Dimethylphenol	7.74	122	1235310	44.419	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	1669032	41.354	ng	99
29) 2,4-Dichlorophenol	7.95	162	1119835	40.902	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	1082735	39.180	ng	97
31) Naphthalene	8.11	128	3715667	44.374	ng	99
32) Benzoic acid	7.82	122	205356	11.198	ng	96
33) 4-Chloroaniline	8.16	127	1397885	34.536	ng	96
34) Hexachlorobutadiene	8.24	225	584249	38.903	ng	100
35) Caprolactam	8.52	113	417788m	41.561	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1224635	40.836	ng	97
37) 2-Methylnaphthalene	8.80	142	2533309	43.859	ng	99
38) 1-Methylnaphthalene	8.90	142	2396798	43.161	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	902509	37.289	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111143.D
 Acq On : 6 Dec 2018 17:37
 Operator : JU/SJ
 Sample : J6233-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

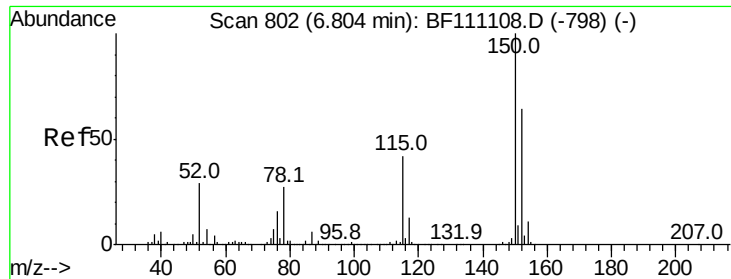
Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:18:59 PM

Quant Time: Dec 07 11:38:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1051098	82.361	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	744643	42.125	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	784081	43.756	ng	98
46) 1,1'-Biphenyl	9.27	154	2832422	38.100	ng	99
47) 2-Chloronaphthalene	9.29	162	2267845	39.258	ng	98
48) 2-Nitroaniline	9.38	65	818097	43.700	ng	96
49) Acenaphthylene	9.70	152	3564050	44.138	ng	100
50) Dimethylphthalate	9.57	163	3000233	47.471	ng	100
51) 2,6-Dinitrotoluene	9.62	165	627298	46.814	ng	90
52) Acenaphthene	9.88	154	2228736	41.779	ng	99
53) 3-Nitroaniline	9.79	138	655272	38.931	ng	98
54) 2,4-Dinitrophenol	9.89	184	255492	61.813	ng	# 73
55) Dibenzofuran	10.05	168	3103154	42.234	ng	98
56) 4-Nitrophenol	9.95	139	1013282	79.889	ng	86
57) 2,4-Dinitrotoluene	10.03	165	814459	47.063	ng	# 92
58) Fluorene	10.39	166	2323062	44.835	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	605026m	45.238	ng	
60) Diethylphthalate	10.27	149	2657572	42.076	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	1055488	41.336	ng	97
62) 4-Nitroaniline	10.40	138	630696	41.517	ng	97
63) Azobenzene	10.55	77	2690286	40.008	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	238748	37.041	ng	86
66) n-Nitrosodiphenylamine	10.50	169	2156672	39.478	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	666341	40.347	ng	93
68) Hexachlorobenzene	10.95	284	684404	40.528	ng	95
69) Atrazine	11.03	200	677245	Below Cal		99
70) Pentachlorophenol	11.13	266	643648	57.959	ng	97
71) Phenanthrene	11.35	178	3265703	43.516	ng	100
72) Anthracene	11.40	178	3347058	44.246	ng	99
73) Carbazole	11.55	167	3059215	38.866	ng	99
74) Di-n-butylphthalate	11.89	149	3831922	41.588	ng	100
75) Fluoranthene	12.54	202	3010716	40.998	ng	96
77) Benzidine	12.65	184	499731	15.485	ng	98
78) Pyrene	12.76	202	2939601	46.594	ng	99
80) Butylbenzylphthalate	13.39	149	1369038	44.920	ng	98
81) Benzo(a)anthracene	13.95	228	2053664	43.284	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	677410	37.833	ng	99
83) Chrysene	13.99	228	1997753	42.414	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1642242	44.610	ng	100
85) Di-n-octyl phthalate	14.56	149	2800364	48.389	ng	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	2365092	62.539	ng	# 87
88) Benzo(b)fluoranthene	14.98	252	2126568	41.329	ng	97
89) Benzo(k)fluoranthene	15.01	252	1848806	37.167	ng	99
90) Benzo(a)pyrene	15.34	252	1998123	42.336	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	1951381	49.269	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1950531	49.007	ng	99

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



#1

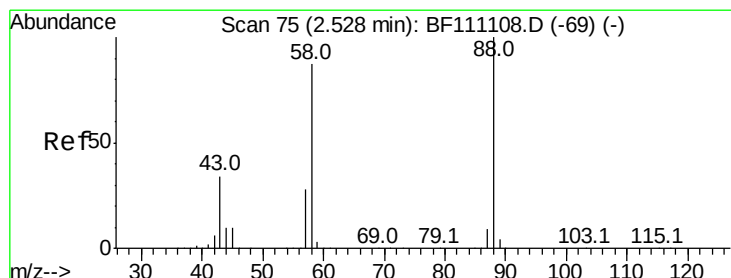
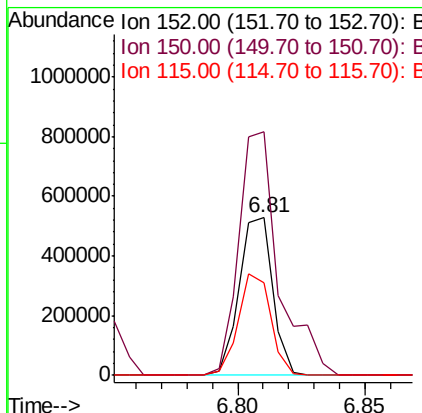
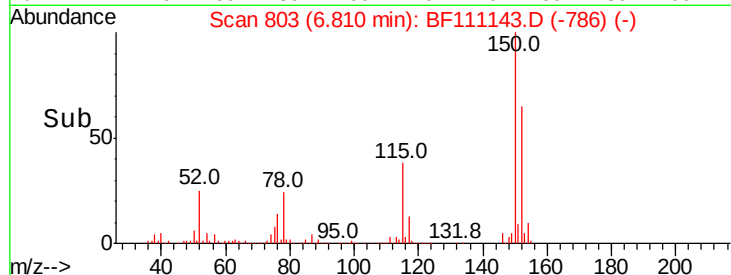
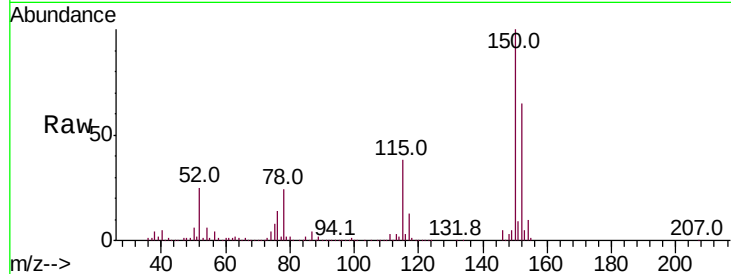
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	187.0
115	58.8	52.2	78.2

Manual Integrations
APPROVED

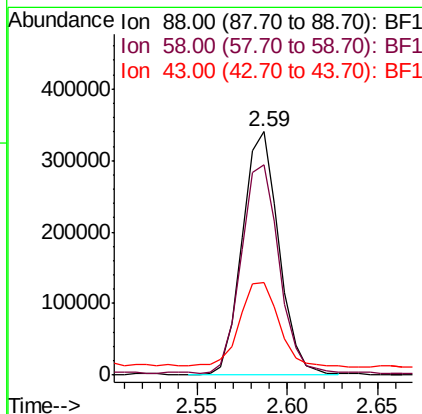
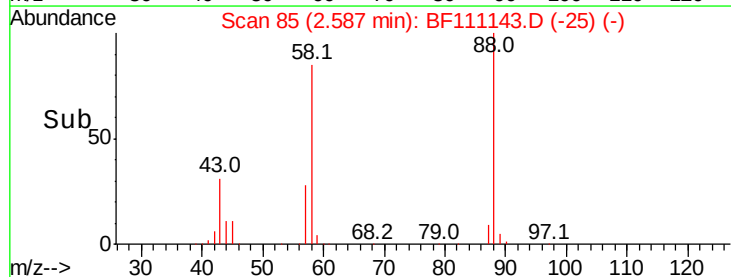
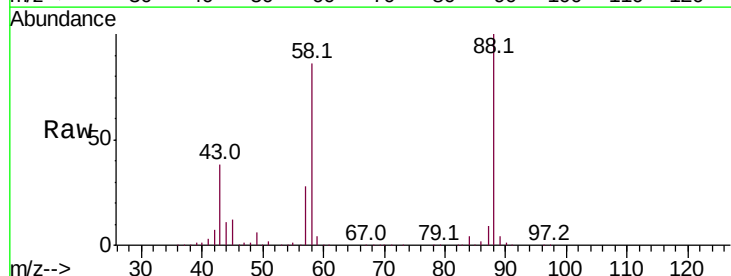
mohammad
12/10/2018 12:18:59 PM

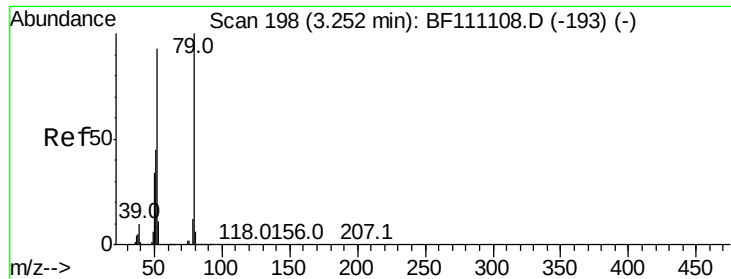


#2

1,4-Dioxane
Concen: 26.403 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.05 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.9	70.8	106.2
43	38.2	28.3	42.5





#3

Pvridine

Concen: 30.921 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.06 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion: 79 Resp: 1227173

Ion Ratio Lower Upper

79 100

52 90.8 74.7 112.1

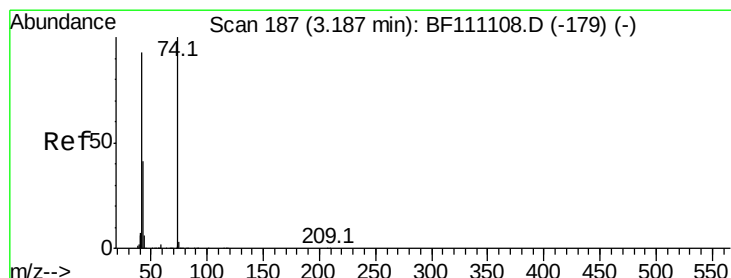
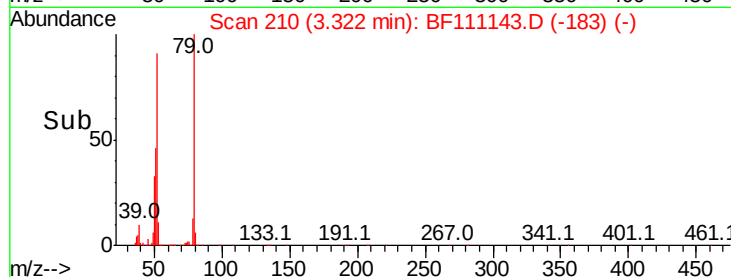
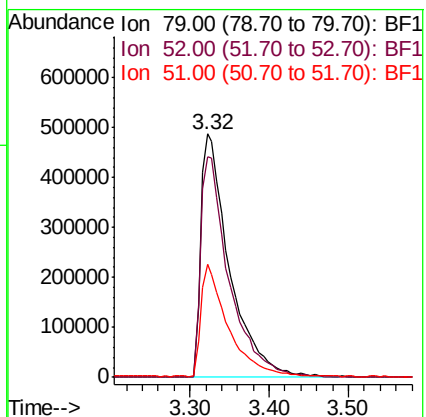
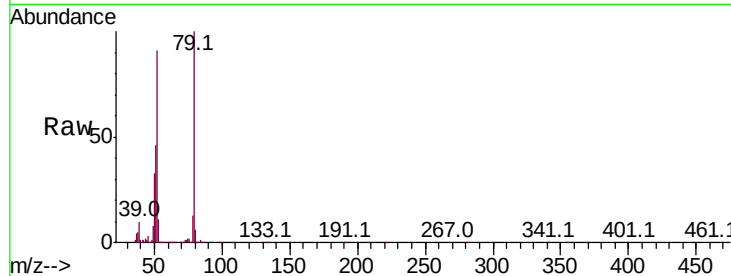
51 46.3 35.9 53.9

Manual Integrations

APPROVED

mohammad

12/10/2018 12:18:59 PM



#4

n-Nitrosodimethylamine

Concen: 40.034 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.04 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

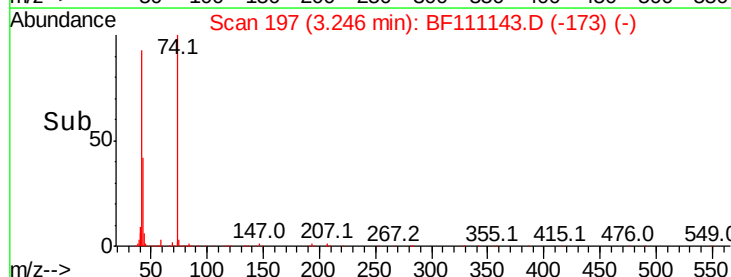
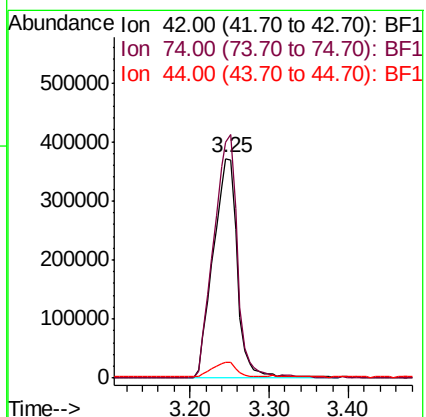
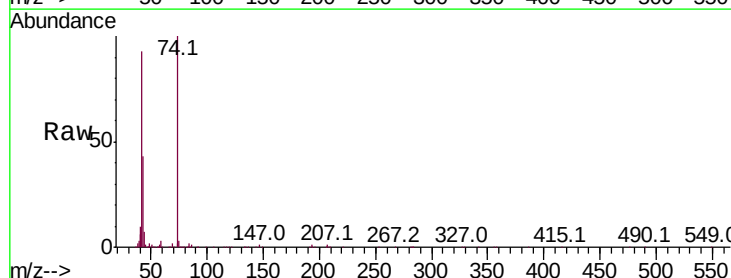
Tgt Ion: 42 Resp: 782287

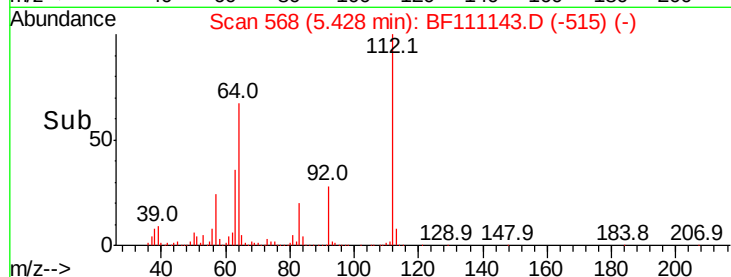
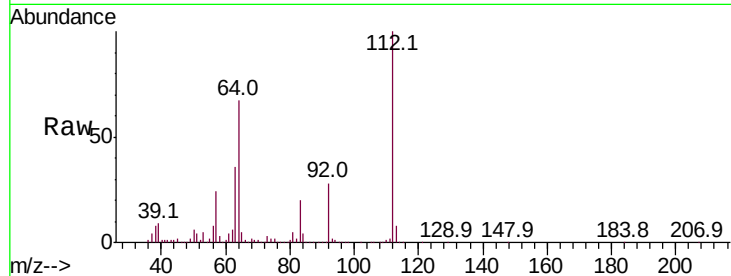
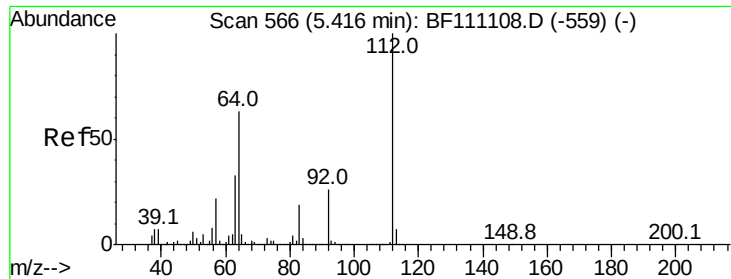
Ion Ratio Lower Upper

42 100

74 107.6 86.2 129.2

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 109.859 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tot Ion:	112	Resp:	3417735
Ion	Ratio	Lower	Upper
112	100		
64	66.8	50.2	75.4
63	36.3	26.6	39.8

Instrument :

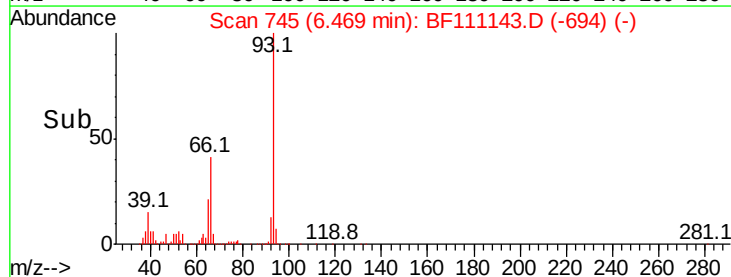
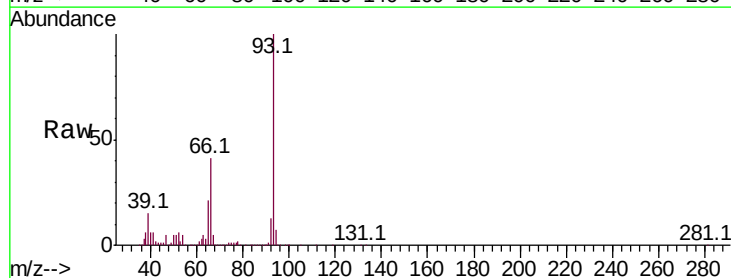
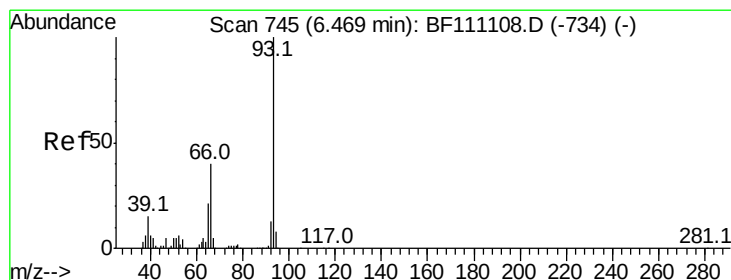
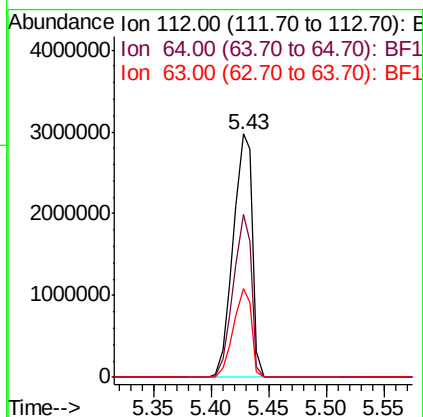
BNA_F

ClientSampleId :

SB-2MS

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



#6

Aniline

Concen: 33.155 ng

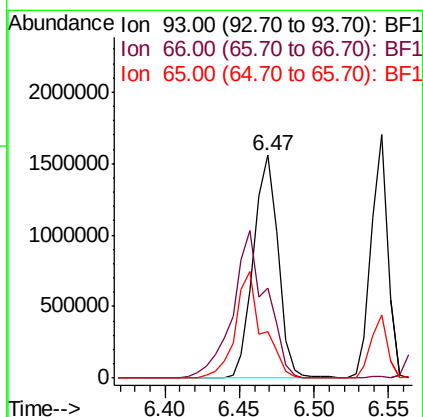
RT: 6.47 min Scan# 745

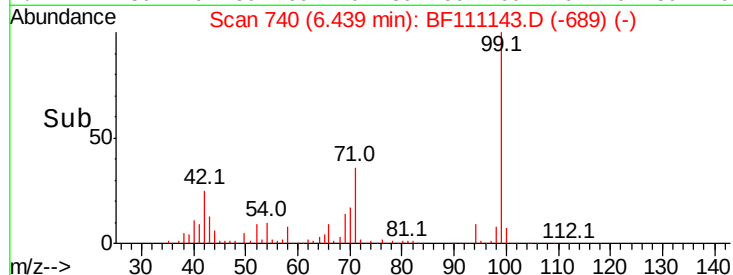
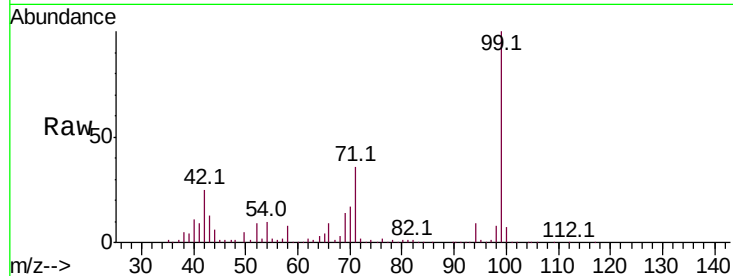
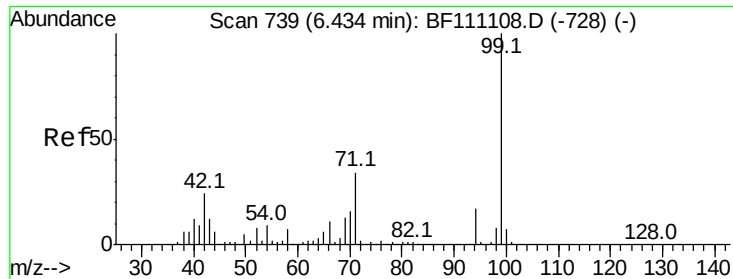
Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tgt Ion:	93	Resp:	1775195
Ion	Ratio	Lower	Upper
93	100		
66	40.6	31.8	47.8
65	20.6	16.6	24.8





#7

Phenol-d6

Concen: 110.674 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tot Ion: 99 Resp: 4435282

Ion Ratio Lower Upper

99 100

42 25.1 19.3 28.9

71 36.1 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

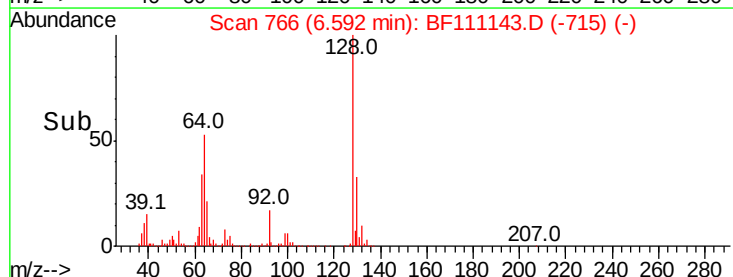
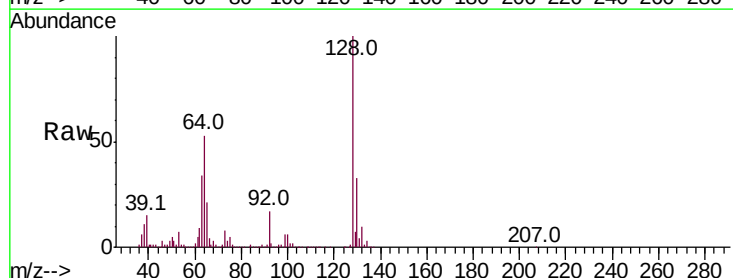
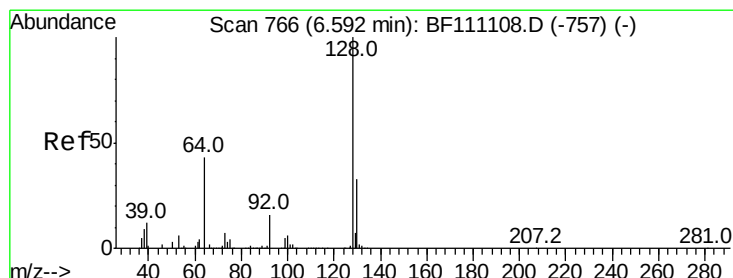
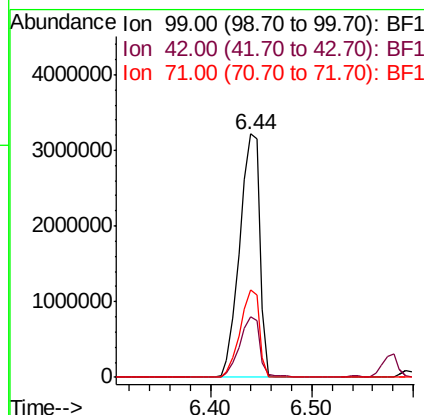
SB-2MS

Manual Integrations

APPROVED

mohammad

12/10/2018 12:18:59 PM



#8

2-Chlorophenol

Concen: 37.831 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

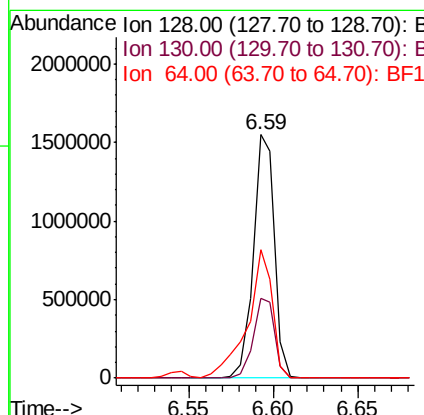
Tgt Ion:128 Resp: 1356553

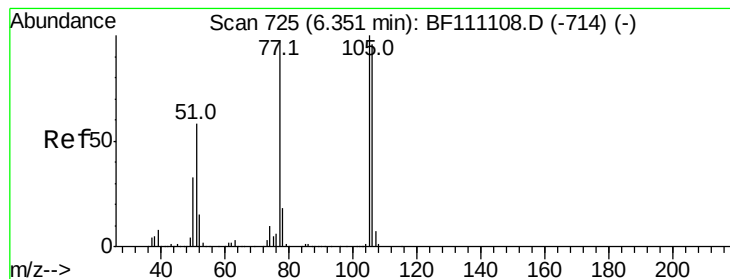
Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

64 52.6 26.6 66.6





#9

Benzaldehyde

Concen: 29.468 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

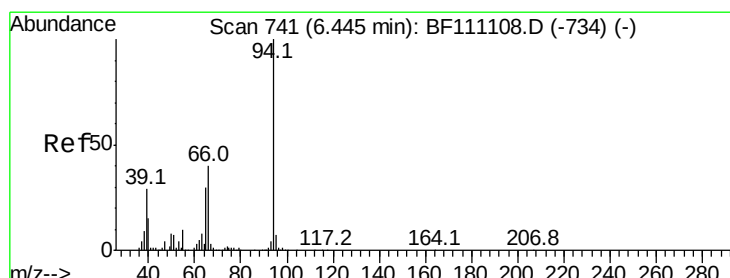
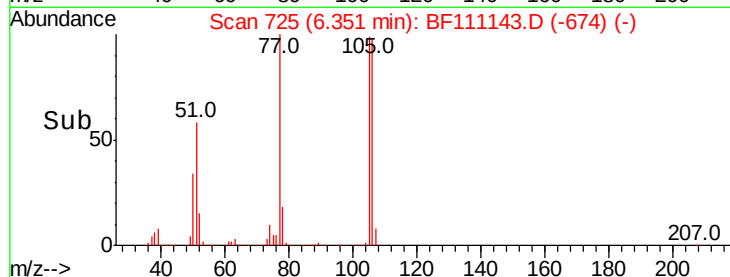
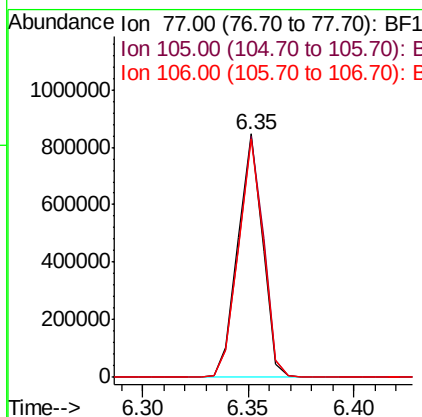
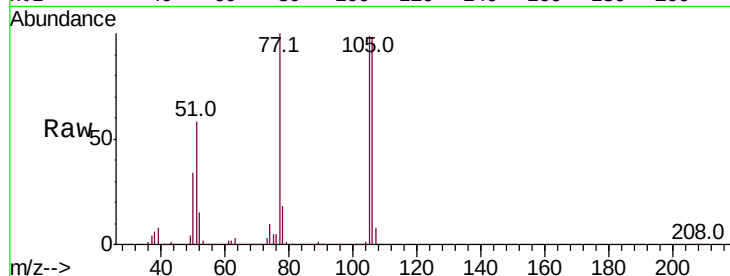
ClientSampleId :

SB-2MS

Tot Ion:	77	Resp:	684627
Ion Ratio	Lower	Upper	
77	100		
105	99.2	83.1	123.1
106	98.2	79.0	119.0

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



#10

Phenol

Concen: 44.322 ng m

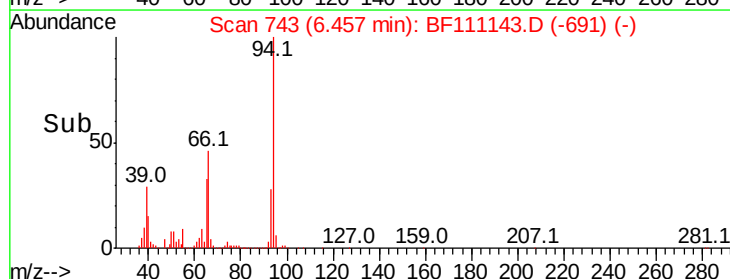
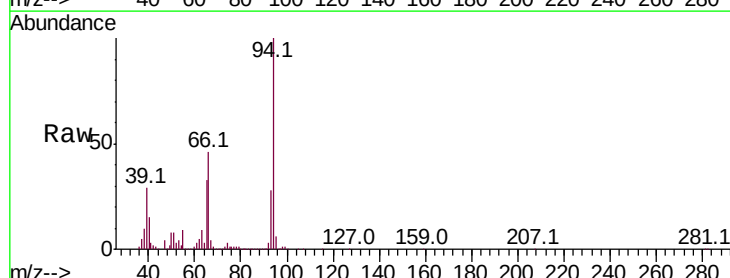
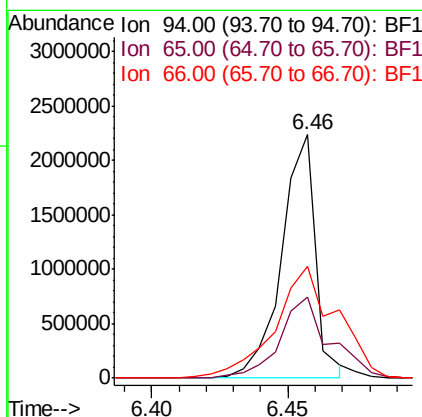
RT: 6.46 min Scan# 743

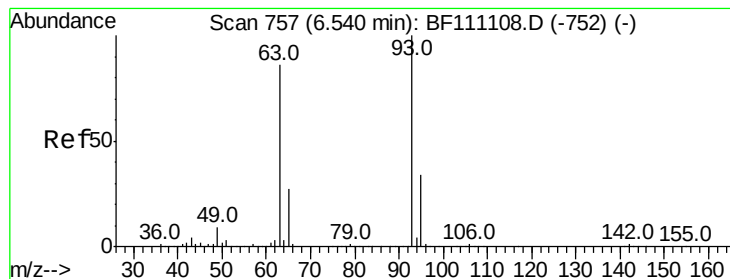
Delta R.T. 0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tgt Ion:	94	Resp:	1936729
Ion Ratio	Lower	Upper	
94	100		
65	33.4	10.5	50.5
66	46.0	19.8	59.8





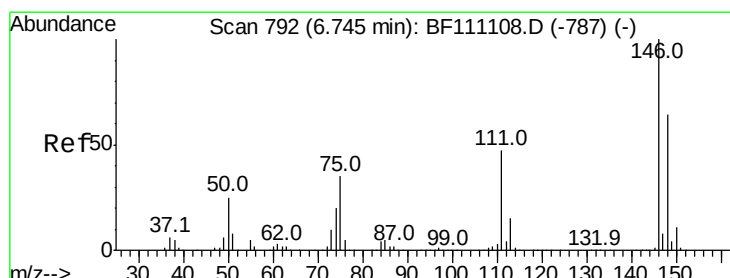
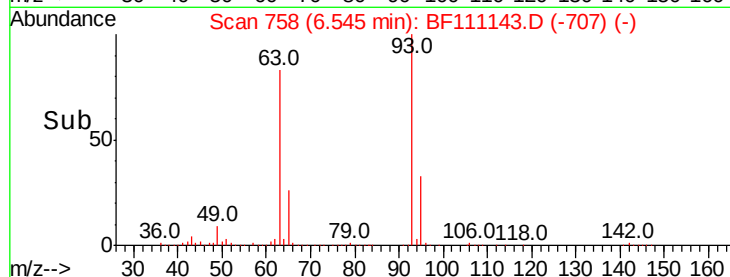
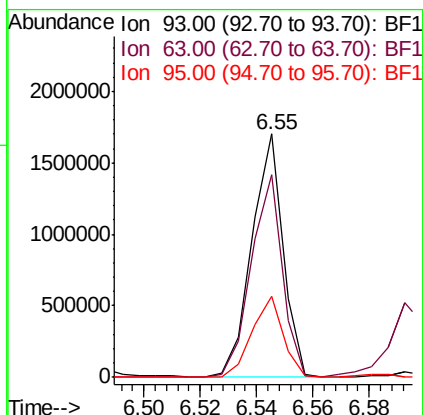
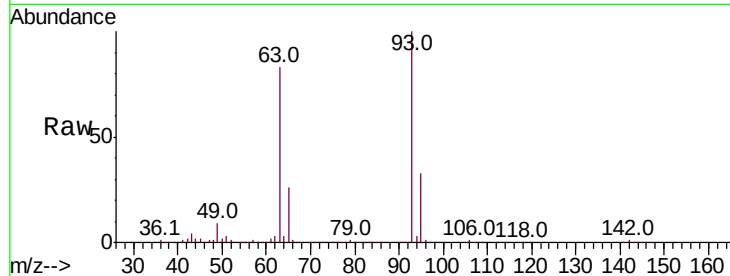
#11
bis(2-Chloroethyl)ether
Concen: 36.423 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion: 93 Resp: 1300798
Ion Ratio Lower Upper
93 100
63 83.1 66.0 106.0
95 33.4 14.3 54.3

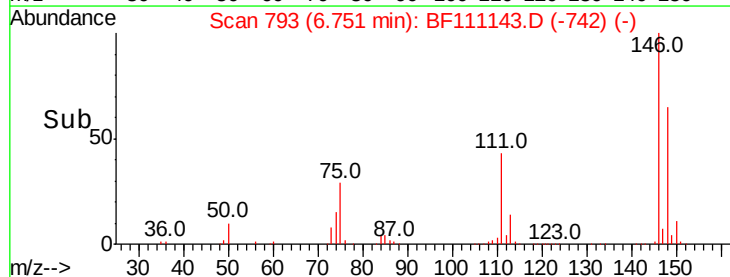
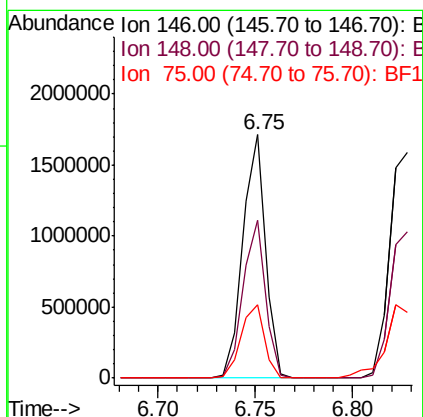
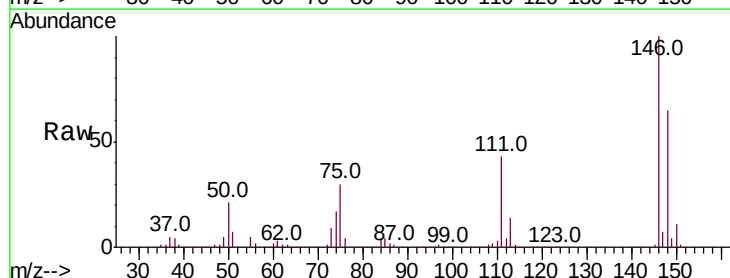
Manual Integrations
APPROVED

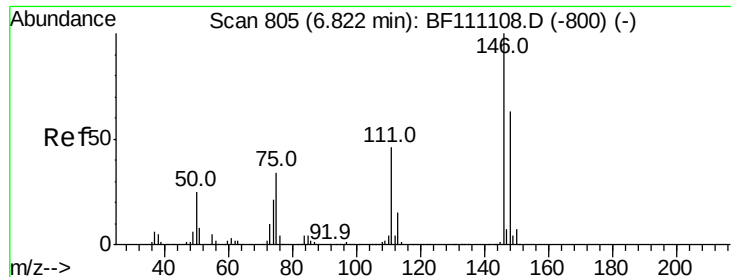
mohammad
12/10/2018 12:18:59 PM



#12
1,3-Dichlorobenzene
Concen: 36.175 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 146 Resp: 1379565
Ion Ratio Lower Upper
146 100
148 65.1 51.3 76.9
75 30.0 27.7 41.5





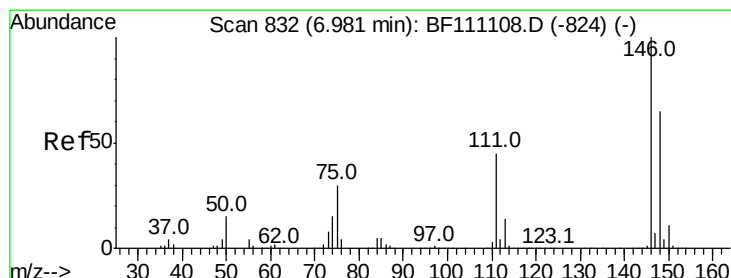
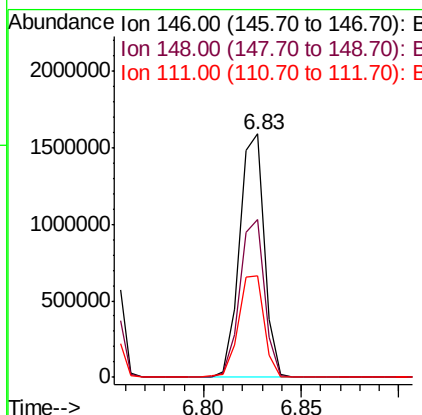
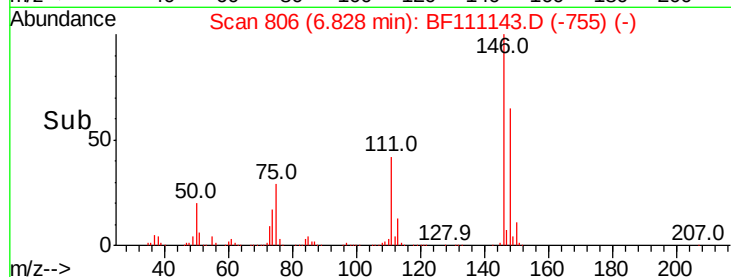
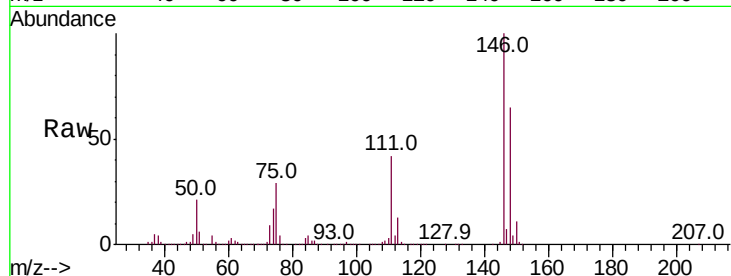
#13
1,4-Dichlorobenzene
Concen: 36.357 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion:146 Resp: 1395300
Ion Ratio Lower Upper
146 100
148 64.6 50.3 75.5
111 41.6 36.6 55.0

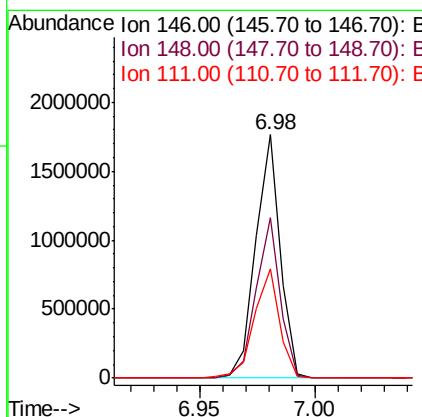
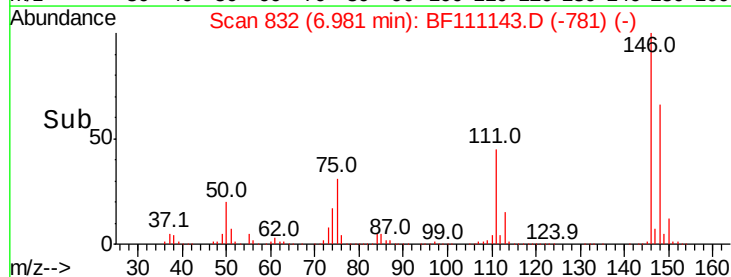
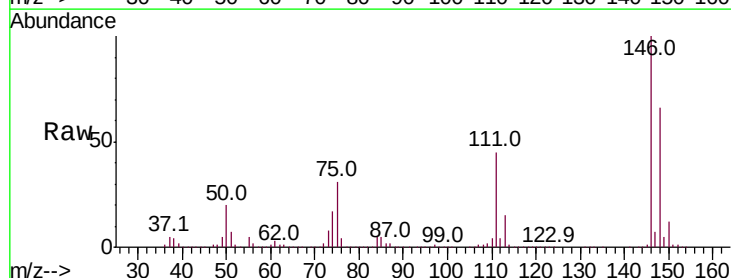
Manual Integrations
APPROVED

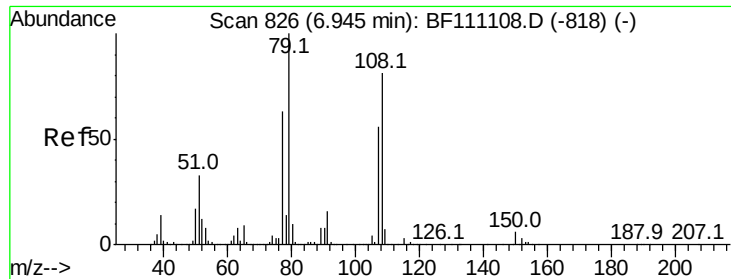
mohammad
12/10/2018 12:18:59 PM



#14
1,2-Dichlorobenzene
Concen: 36.880 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:146 Resp: 1316627
Ion Ratio Lower Upper
146 100
148 66.0 51.8 77.6
111 44.9 35.7 53.5





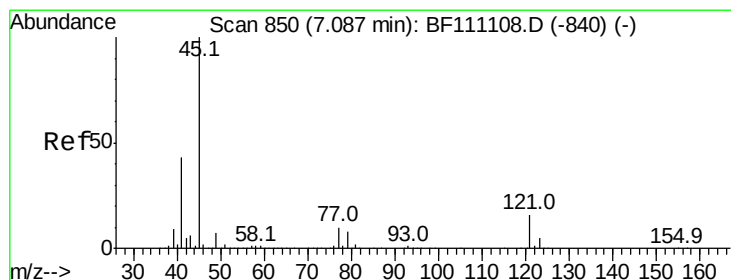
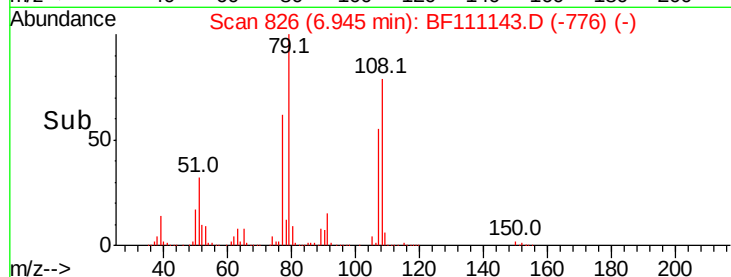
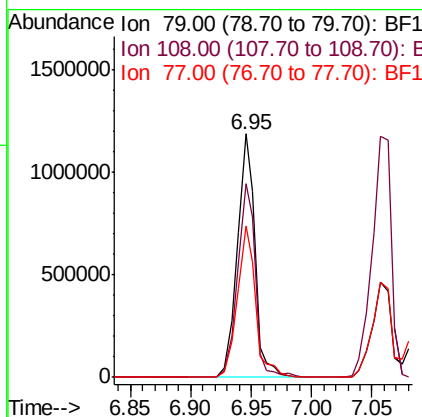
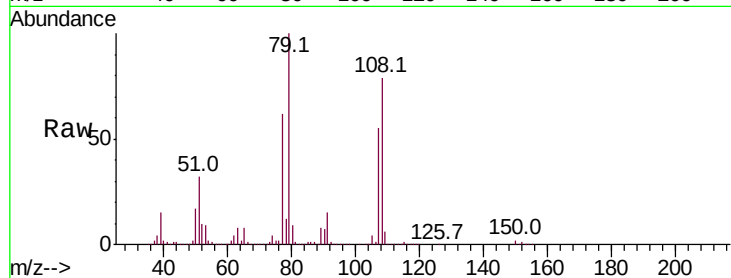
#15
Benzyl Alcohol
Concen: 38.213 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion: 79 Resp: 1213375
Ion Ratio Lower Upper
79 100
108 79.5 64.5 96.7
77 62.4 50.5 75.7

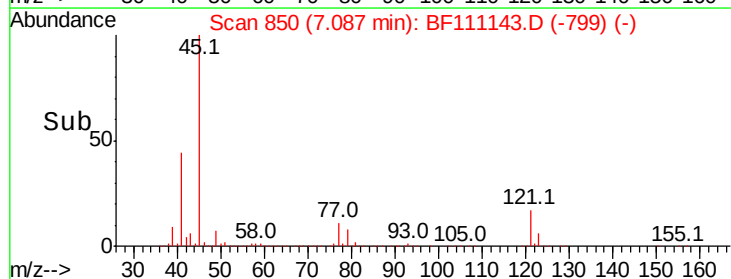
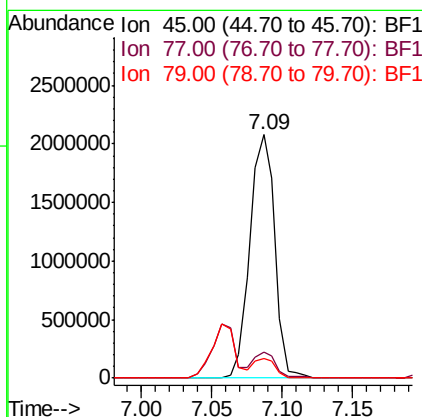
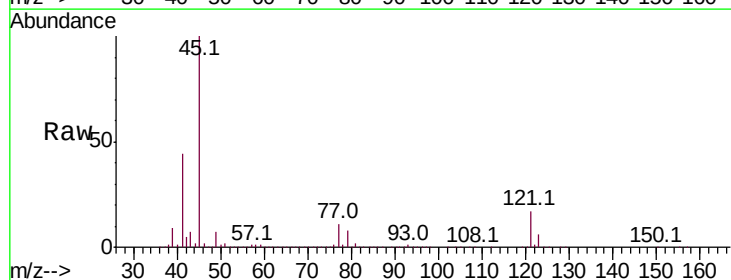
Manual Integrations
APPROVED

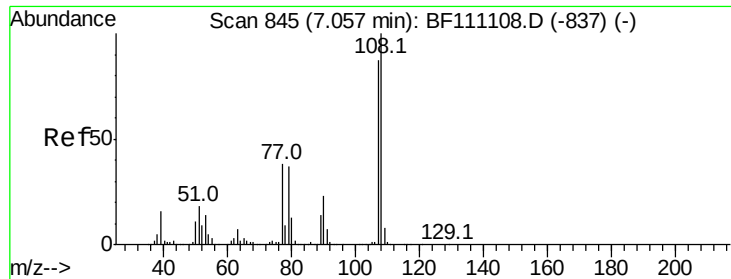
mohammad
12/10/2018 12:18:59 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.054 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 45 Resp: 2574199
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.6
79 8.1 0.0 28.4





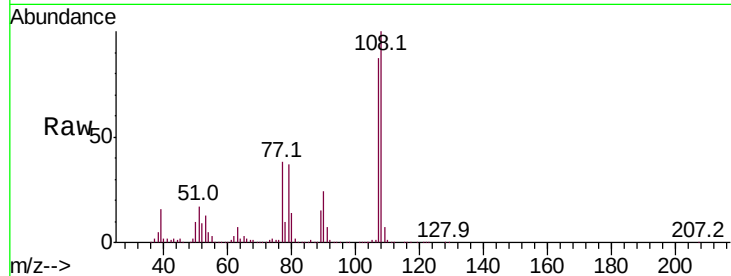
#17
2-Methylphenol
Concen: 38.698 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.8
77	43.1	34.7	52.1
79	41.9	34.2	51.2

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



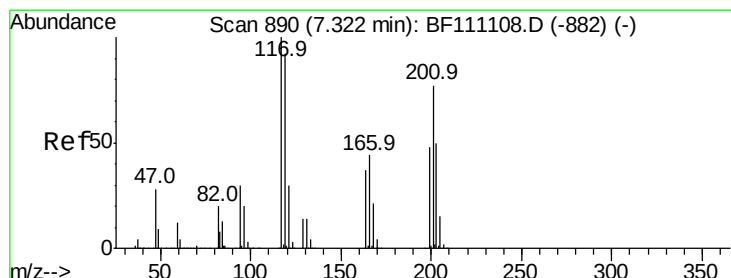
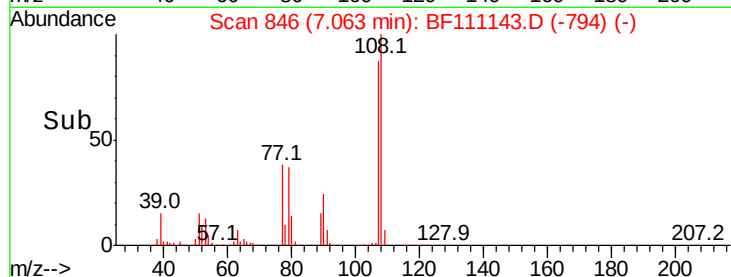
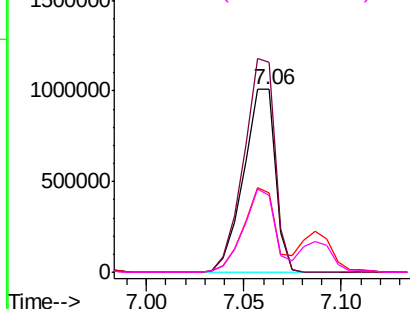
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.879 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

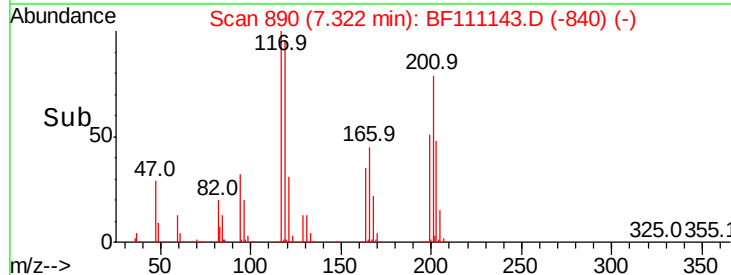
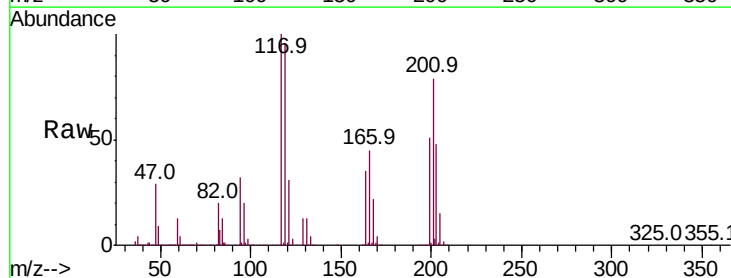
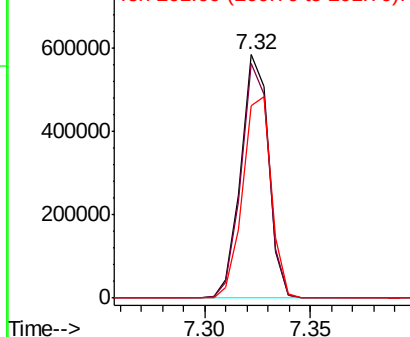
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	73.8	110.6
201	79.2	61.2	91.8

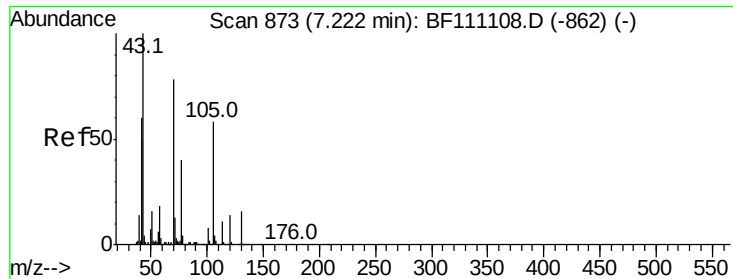
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





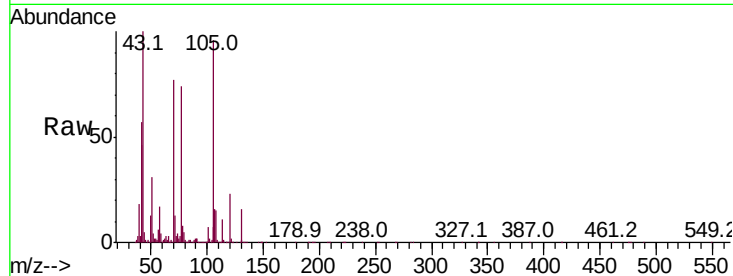
#19
n-Nitroso-di-n-propylamine
Concen: 36.821 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

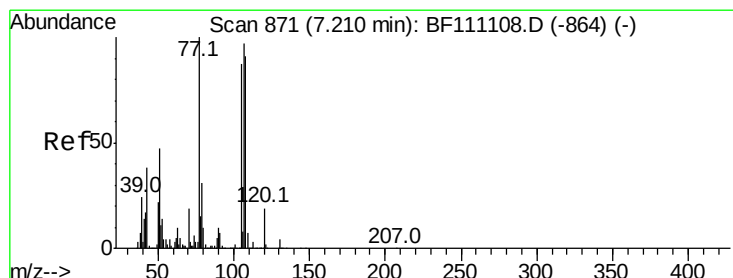
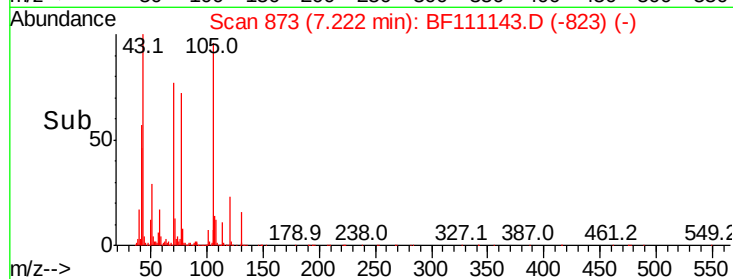
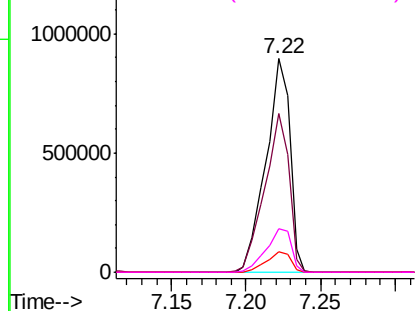
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.4	61.3	91.9	
101	9.6	7.7	11.5	
130	20.3	16.3	24.5	

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



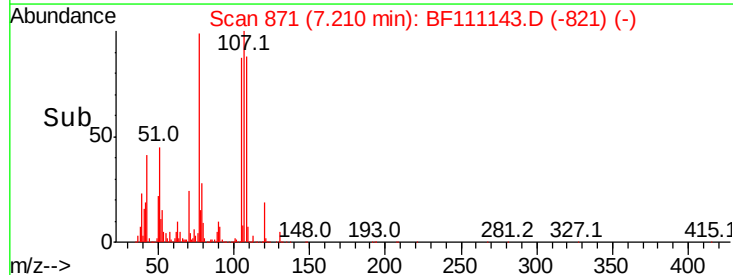
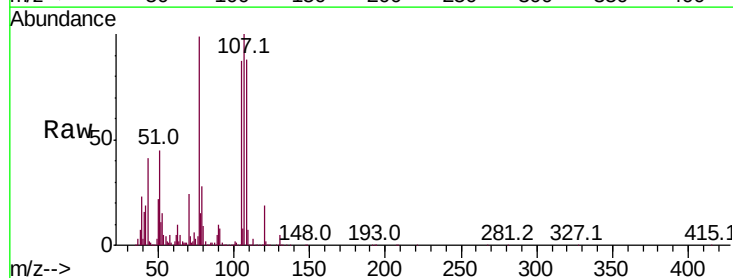
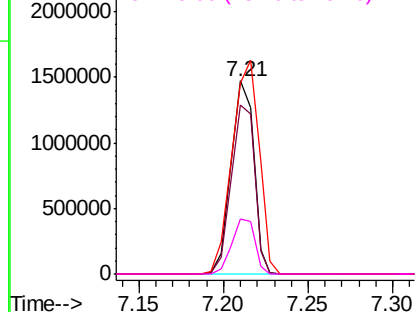
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

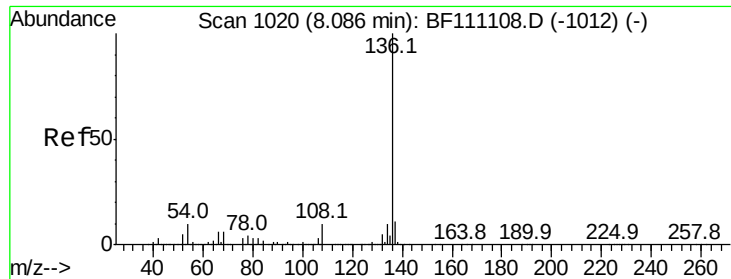


#20
3+4-Methylphenols
Concen: 38.355 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	74.0	114.0	
77	99.1	83.2	123.2	
79	28.3	11.6	51.6	

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





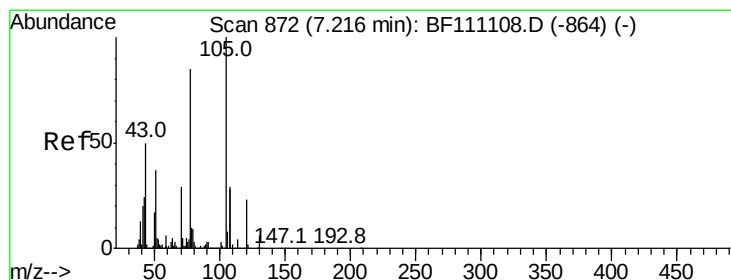
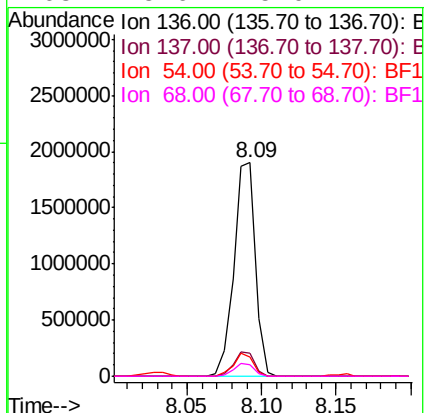
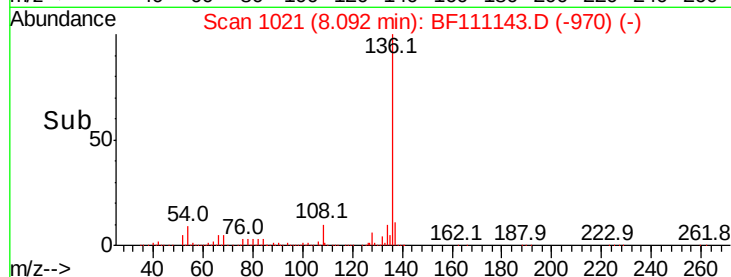
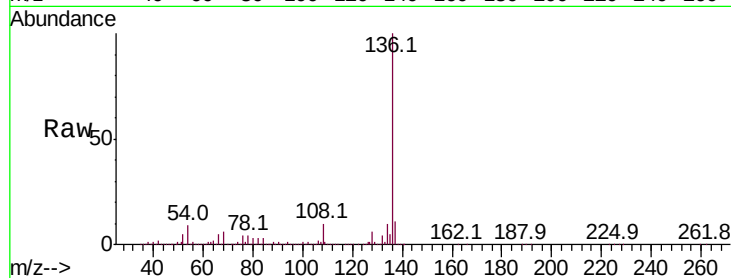
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.8	8.4	12.6
68	5.6	5.0	7.4

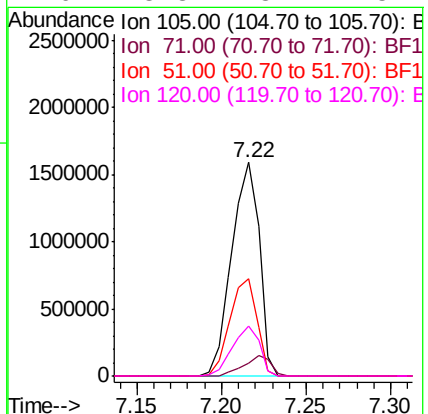
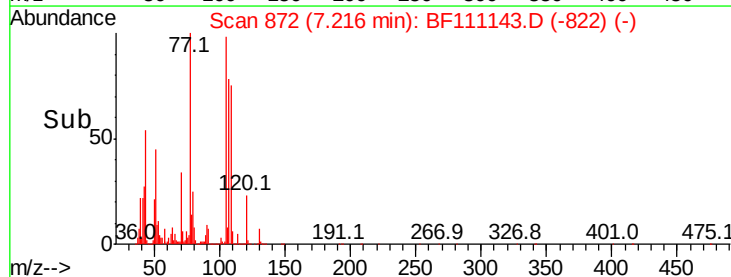
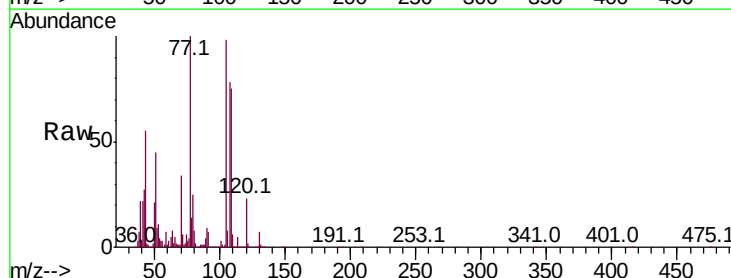
Manual Integrations
APPROVED

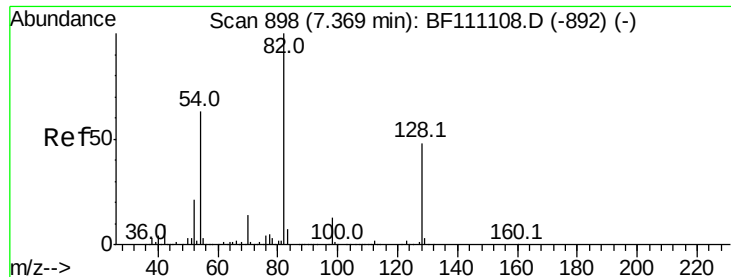
mohammad
12/10/2018 12:18:59 PM



#22
Acetophenone
Concen: 38.851 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.0	6.0
51	45.7	29.8	44.8
120	23.3	18.7	28.1





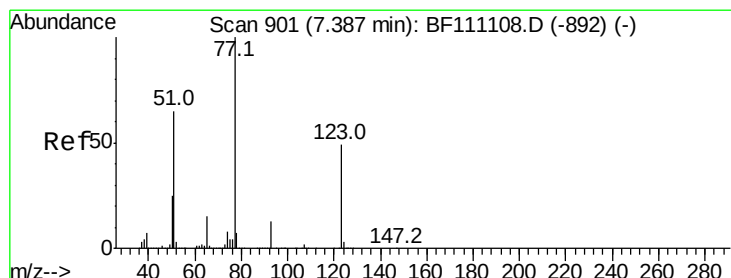
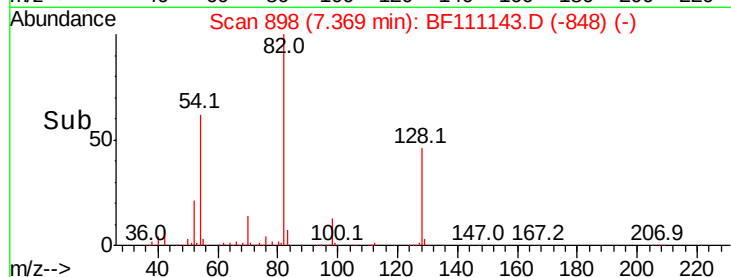
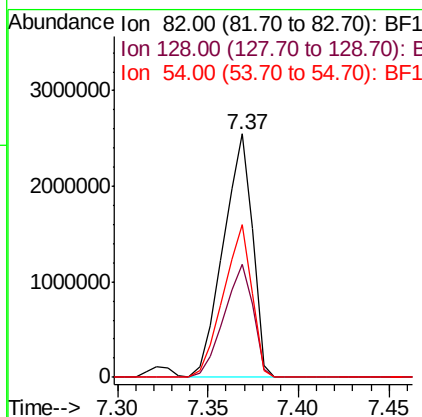
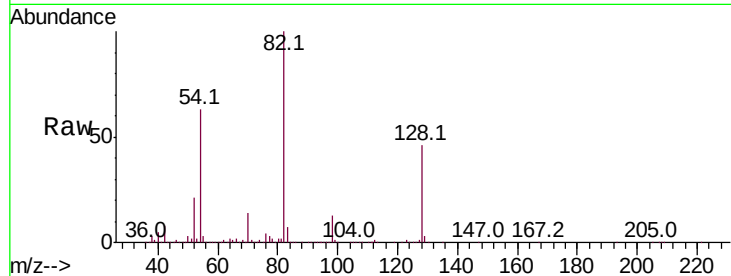
#23
Nitrobenzene-d5
Concen: 88.040 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion: 82 Resp: 2860008
Ion Ratio Lower Upper
82 100
128 46.3 38.1 57.1
54 62.5 50.3 75.5

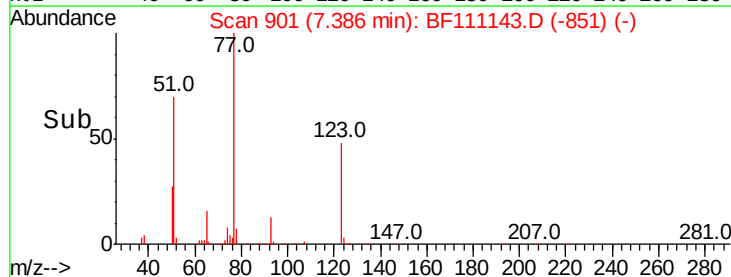
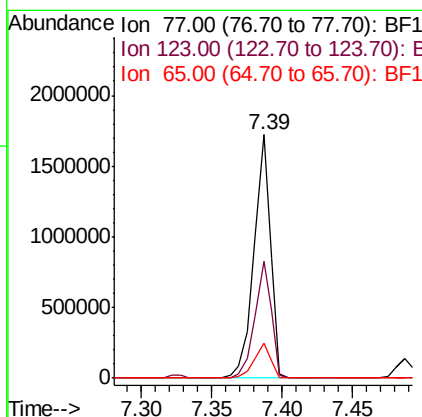
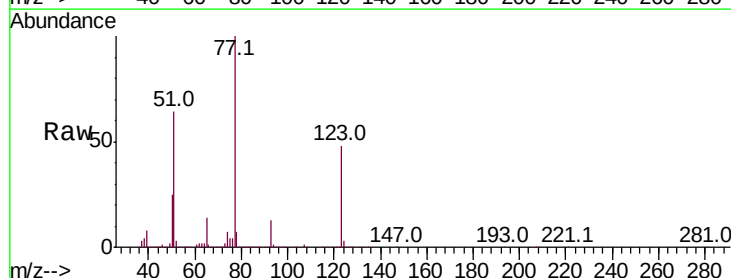
Manual Integrations
APPROVED

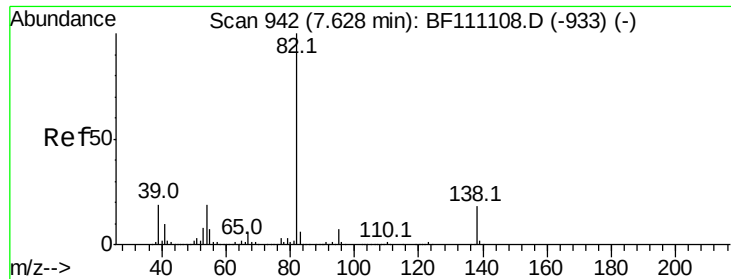
mohammad
12/10/2018 12:18:59 PM



#24
Nitrobenzene
Concen: 40.785 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 77 Resp: 1425355
Ion Ratio Lower Upper
77 100
123 48.1 39.5 59.3
65 14.2 11.8 17.6





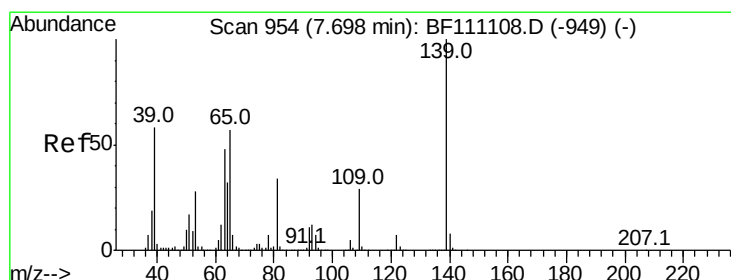
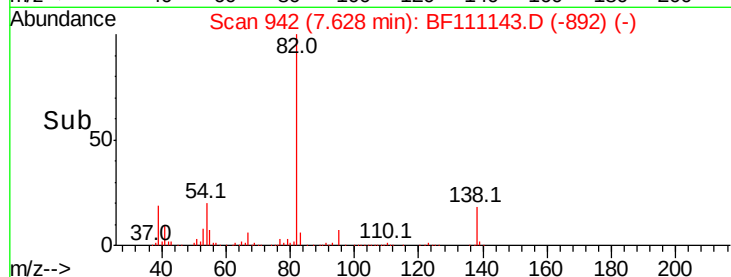
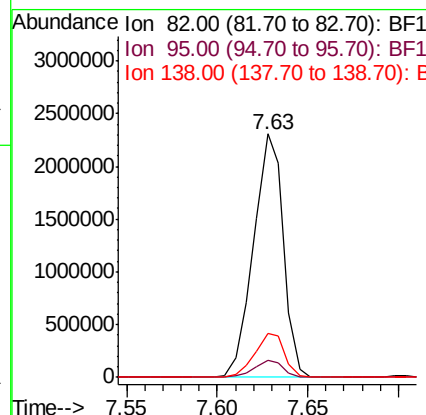
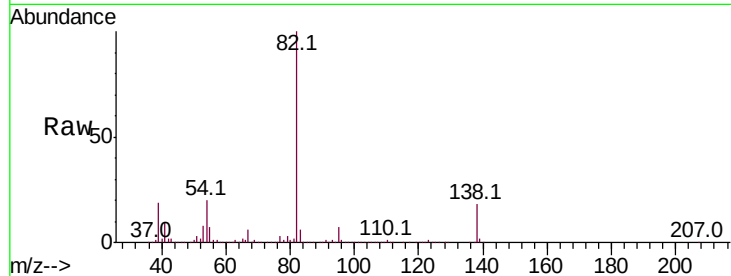
#25
Isophorone
Concen: 44.153 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion: 82 Resp: 2632333
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.0 14.6 22.0

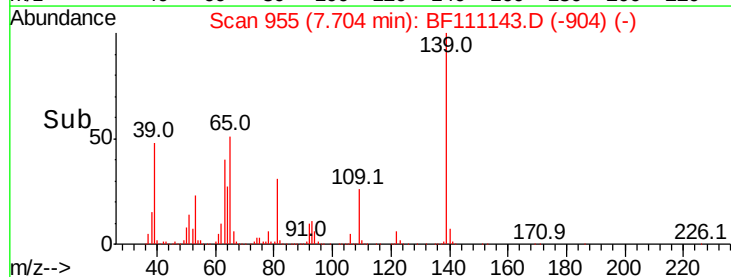
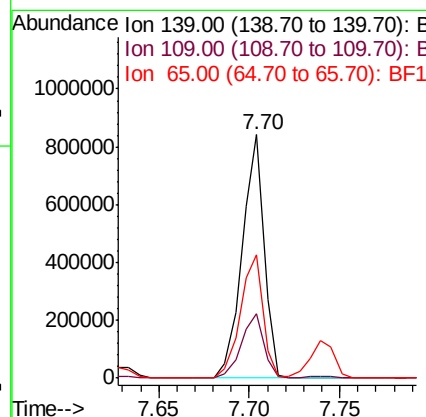
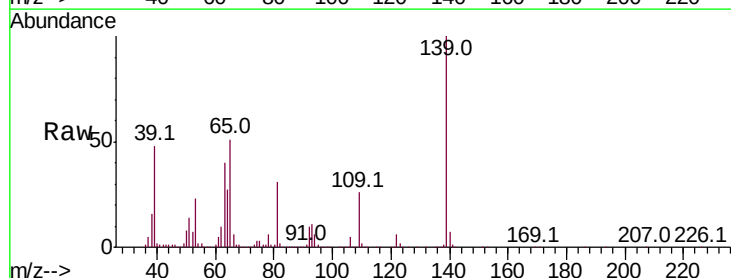
Manual Integrations
APPROVED

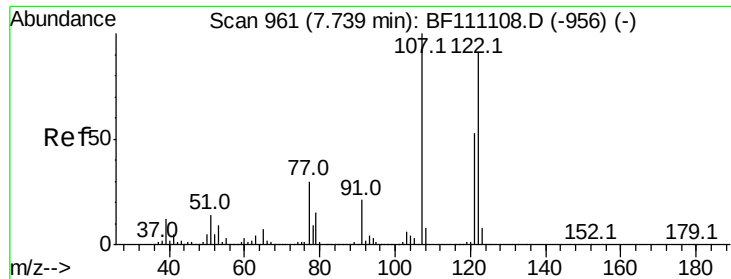
mohammad
12/10/2018 12:18:59 PM



#26
2-Nitrophenol
Concen: 47.897 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 139 Resp: 707294
Ion Ratio Lower Upper
139 100
109 26.5 23.1 34.7
65 50.8 45.9 68.9





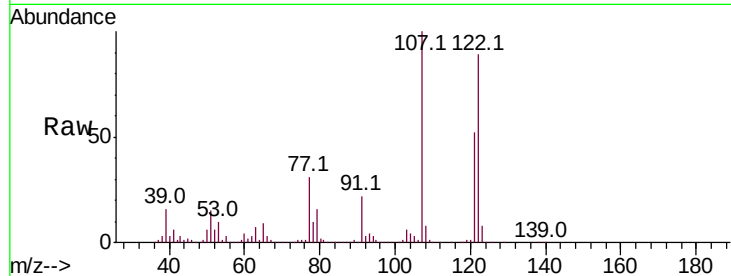
#27
2,4-Dimethylphenol
Concen: 44.419 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

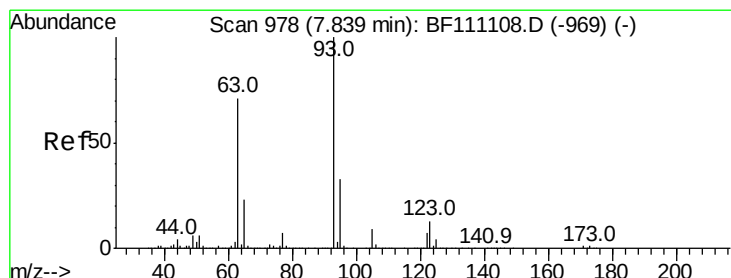
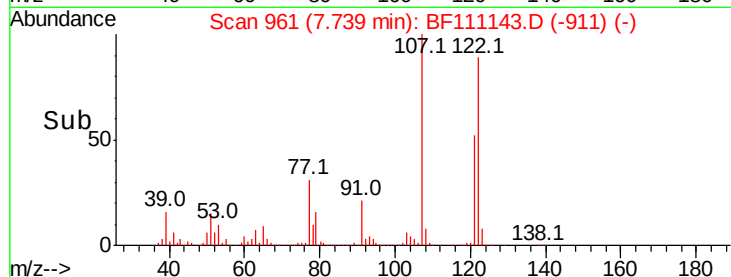
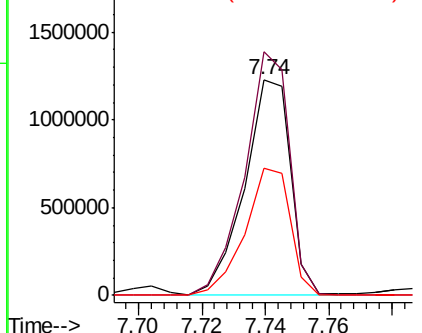
Tot Ion:122 Resp: 1235310
Ion Ratio Lower Upper
122 100
107 112.7 87.4 131.0
121 58.7 45.9 68.9

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

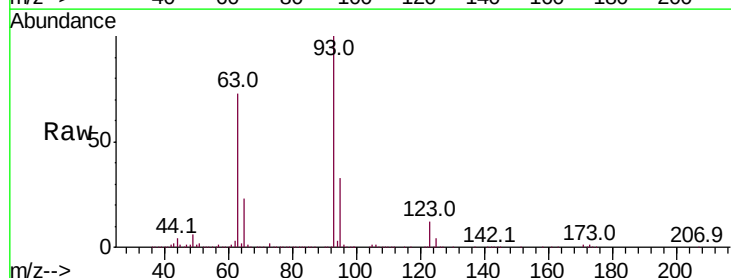


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

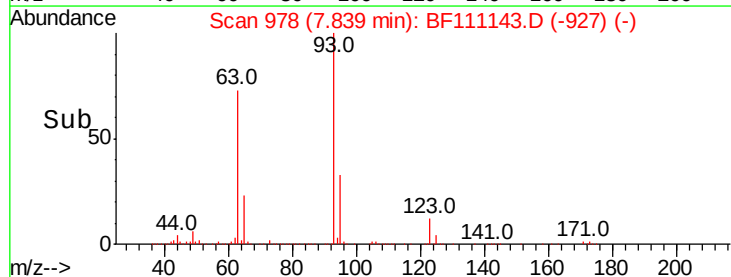
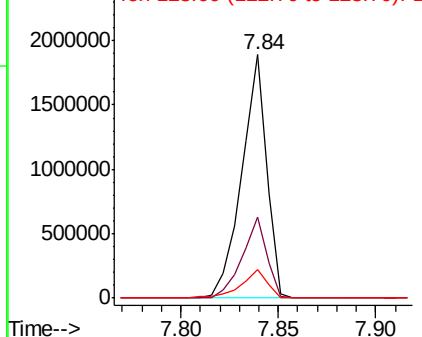


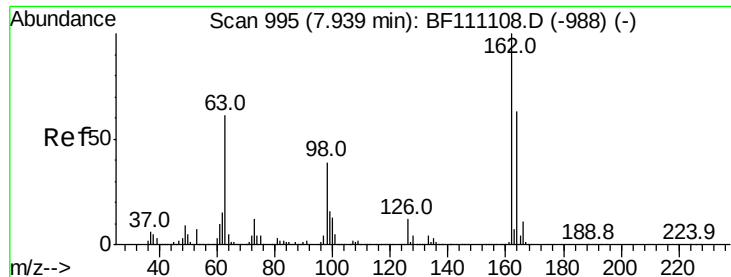
#28
bis(2-Chloroethoxy)methane
Concen: 41.354 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 93 Resp: 1669032
Ion Ratio Lower Upper
93 100
95 33.3 26.6 39.8
123 12.0 10.3 15.5



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





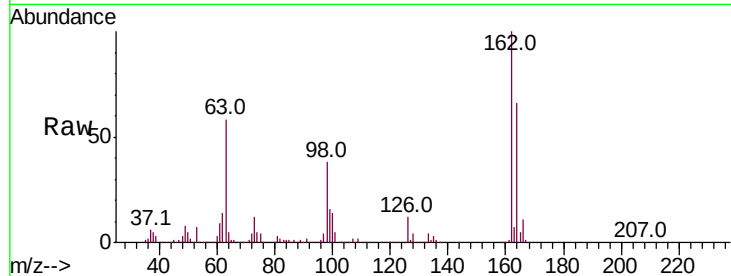
#29
2,4-Dichlorophenol
Concen: 40.902 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.3	83.3
98	37.6	18.9	58.9

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

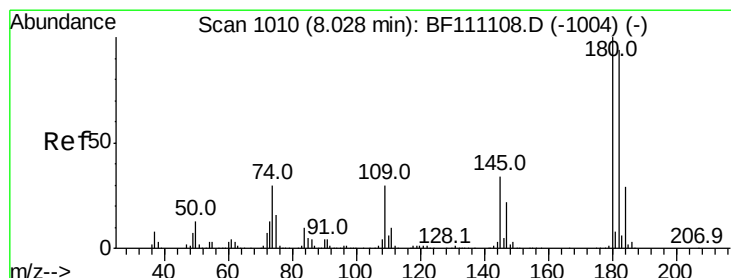
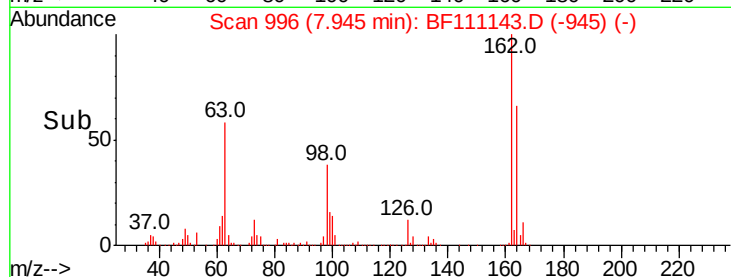
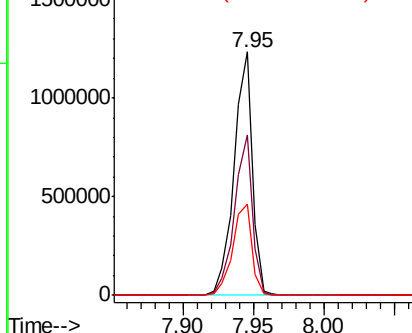


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.180 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

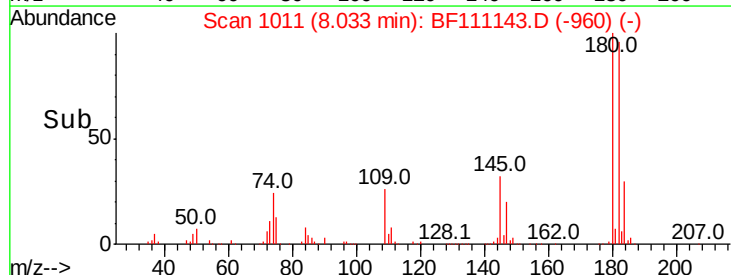
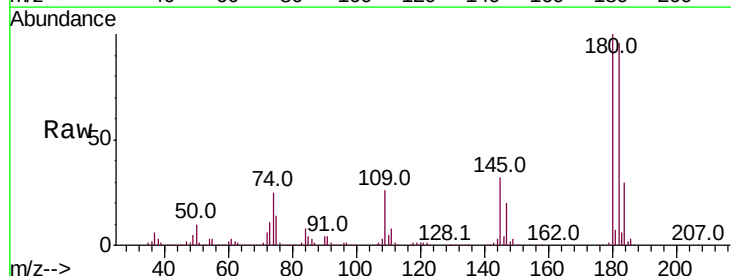
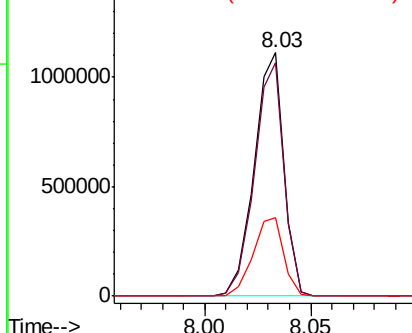
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.1	112.7
145	32.1	27.6	41.4

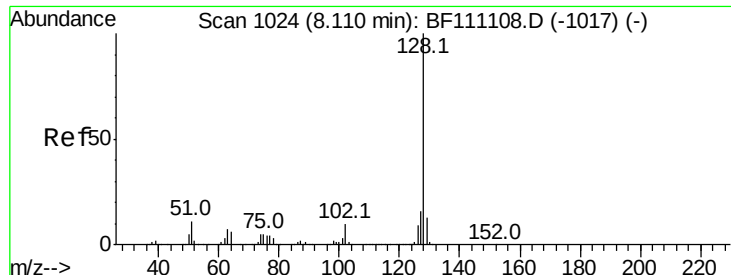
Abundance

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





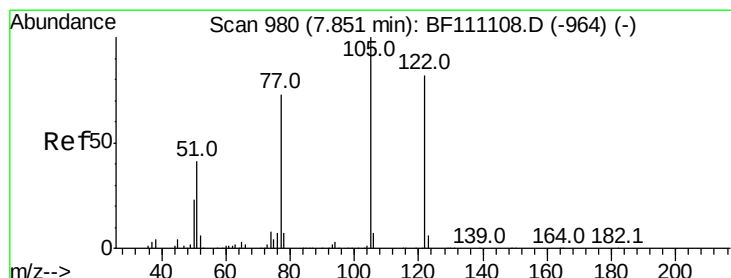
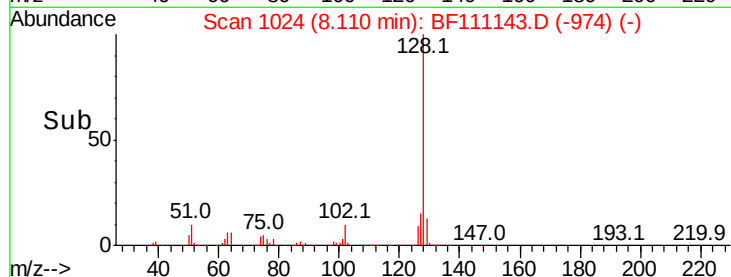
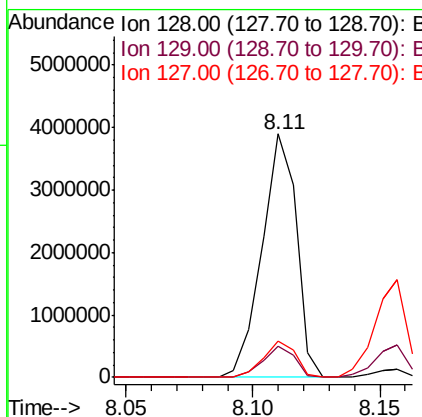
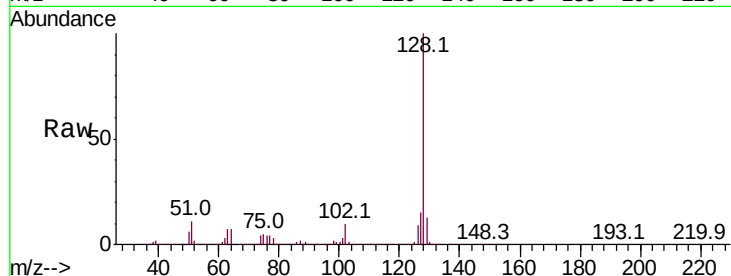
#31
Naphthalene
Concen: 44.374 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.5	15.7
127	15.1	12.5	18.7

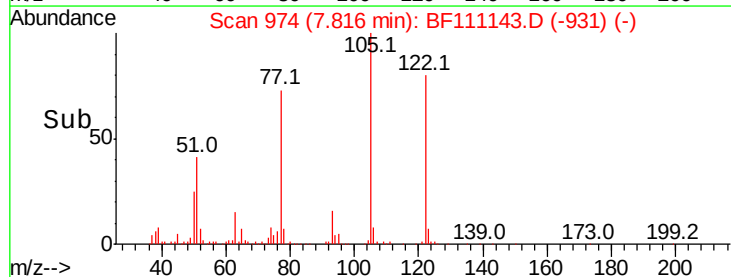
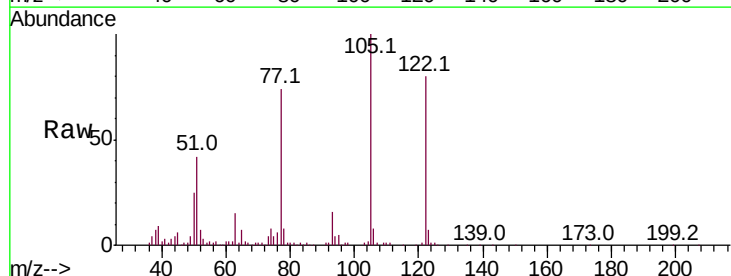
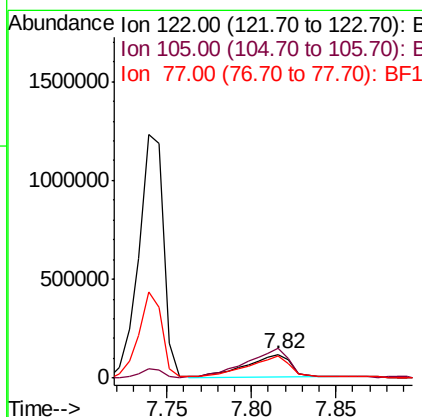
Manual Integrations
APPROVED

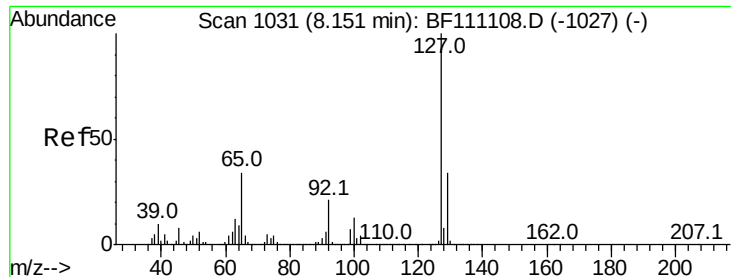
mohammad
12/10/2018 12:18:59 PM



#32
Benzoic acid
Concen: 11.198 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	100.1	140.1
77	92.5	69.4	109.4





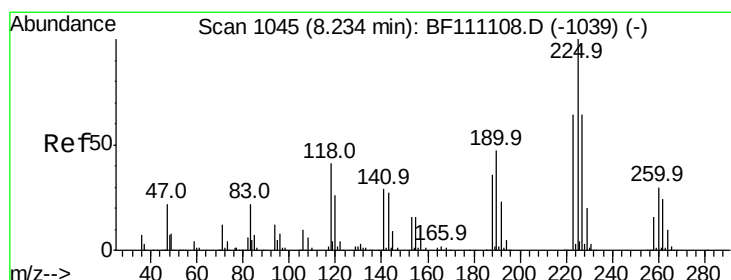
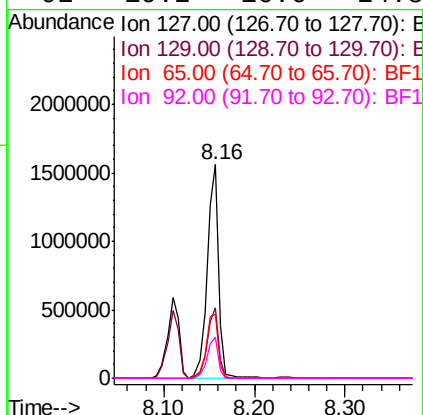
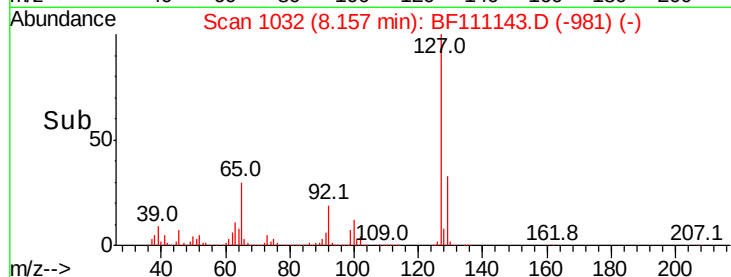
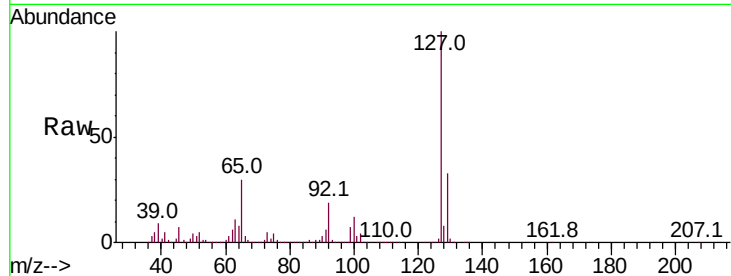
#33
4-Chloroaniline
Concen: 34.536 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.6
65	30.2	27.2	40.8
92	19.2	16.6	24.8

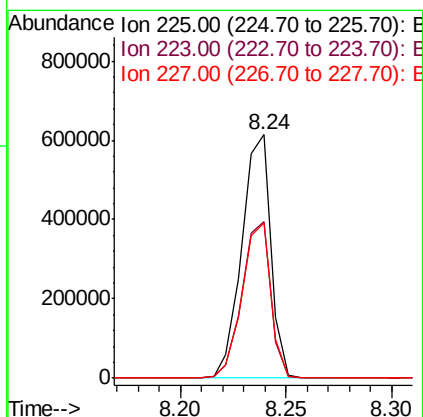
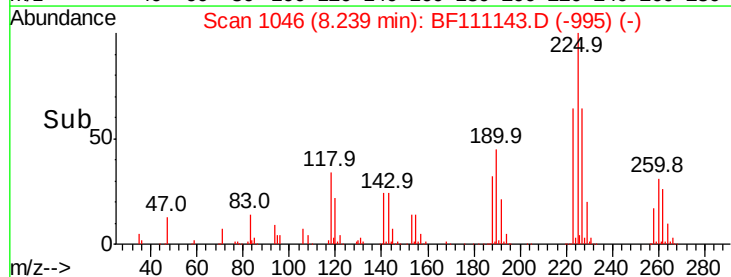
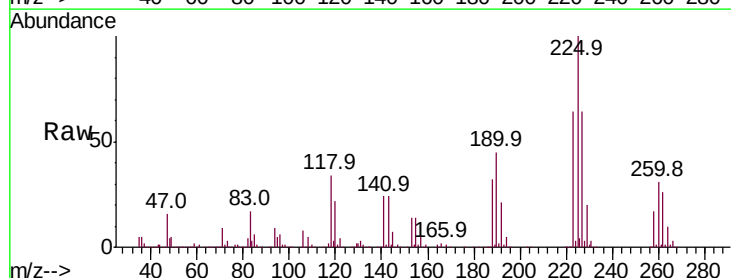
Manual Integrations
APPROVED

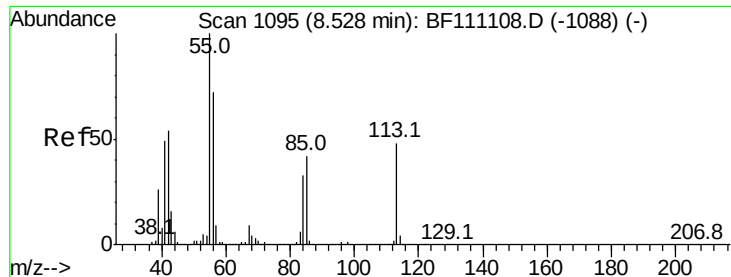
mohammad
12/10/2018 12:18:59 PM



#34
Hexachlorobutadiene
Concen: 38.903 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.4	77.2
227	64.0	51.0	76.4





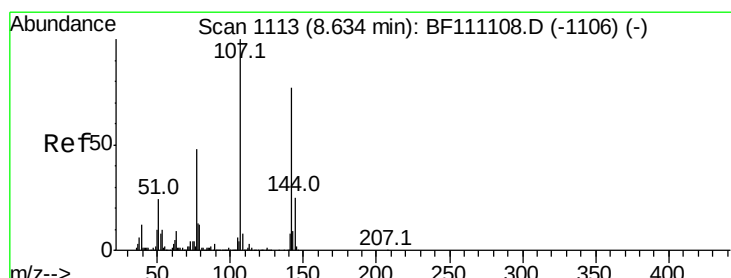
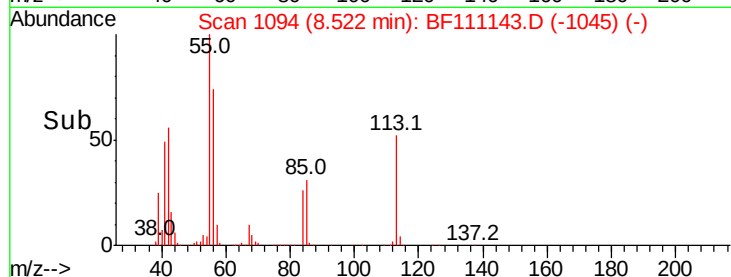
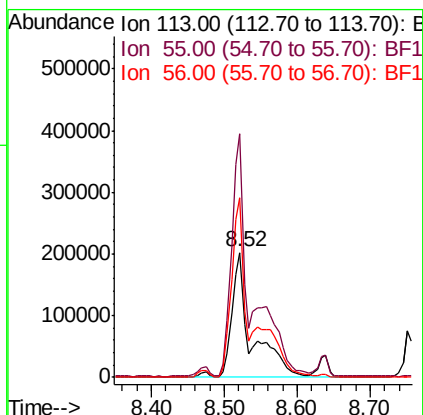
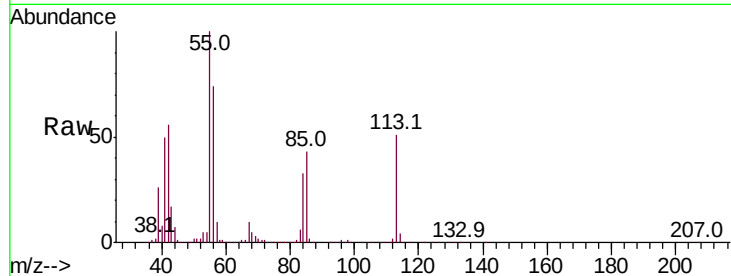
#35
Caprolactam
Concen: 41.561 ng m
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.0	190.6	230.6
56	143.9	130.9	170.9

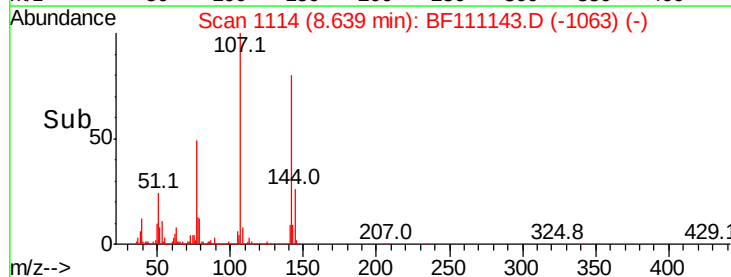
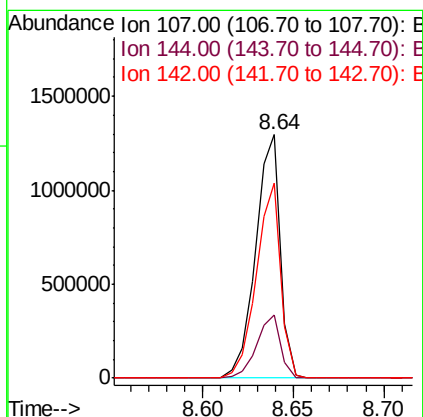
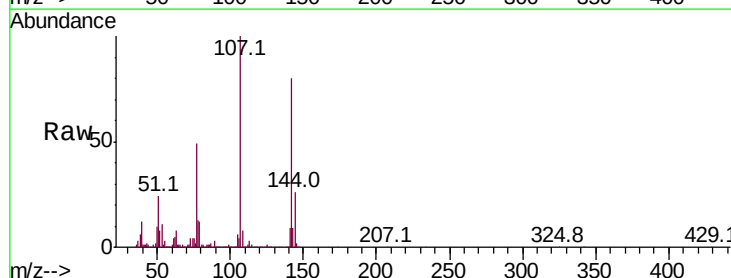
Manual Integrations
APPROVED

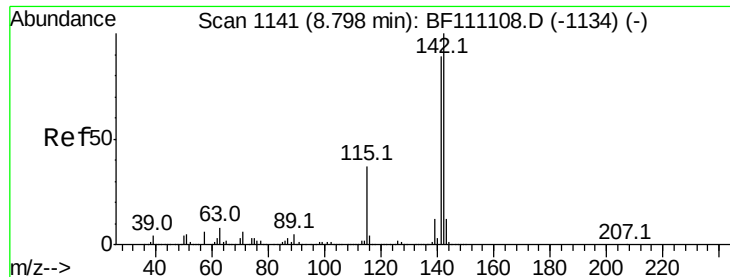
mohammad
12/10/2018 12:18:59 PM



#36
4-Chloro-3-methylphenol
Concen: 40.836 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.9	29.9
142	80.2	61.4	92.0





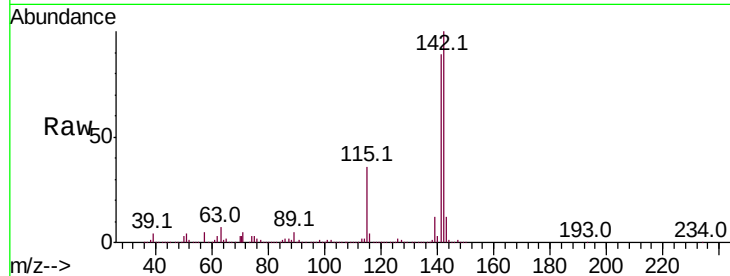
#37
2-Methylnaphthalene
Concen: 43.859 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

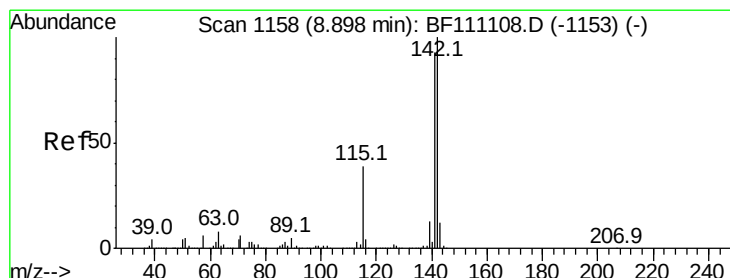
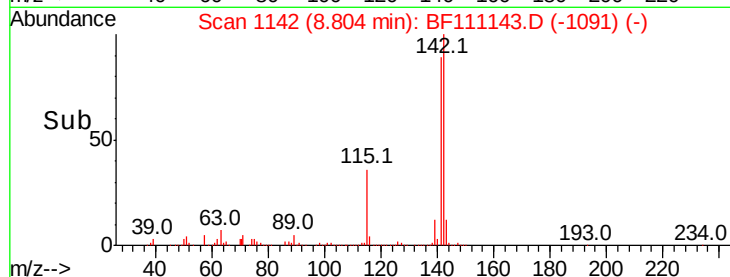
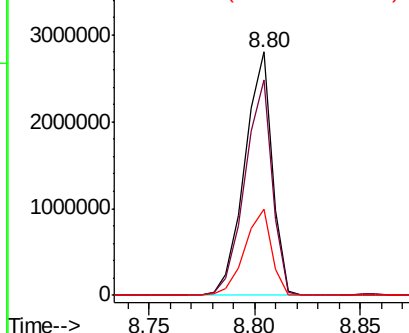
Tot Ion:142 Resp: 2533309
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0
115 35.5 29.2 43.8

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

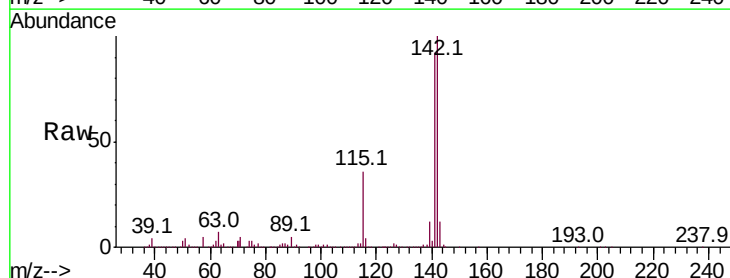


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

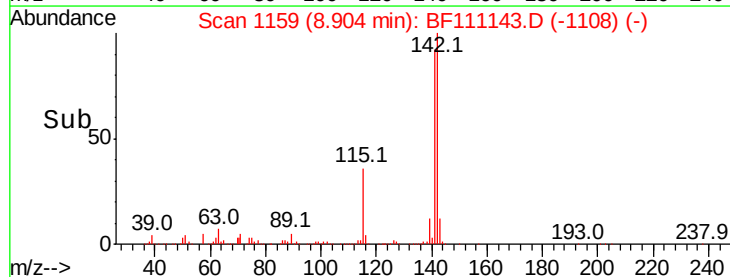
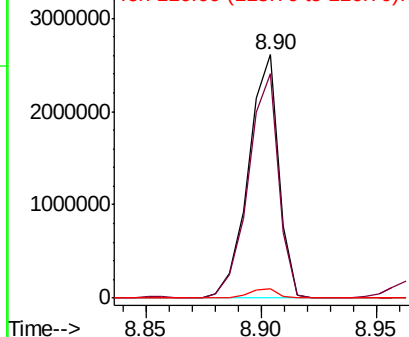


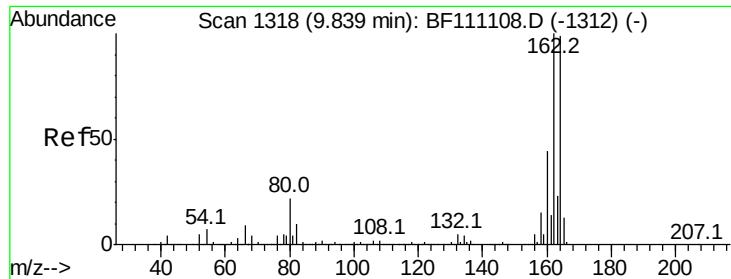
#38
1-Methylnaphthalene
Concen: 43.161 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:142 Resp: 2396798
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7
116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





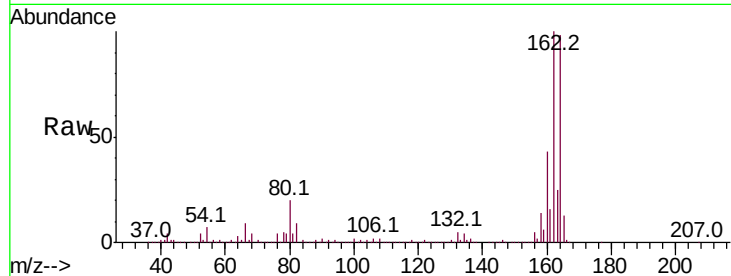
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :
SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	80.6	120.8	
160	43.5	35.5	53.3	

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

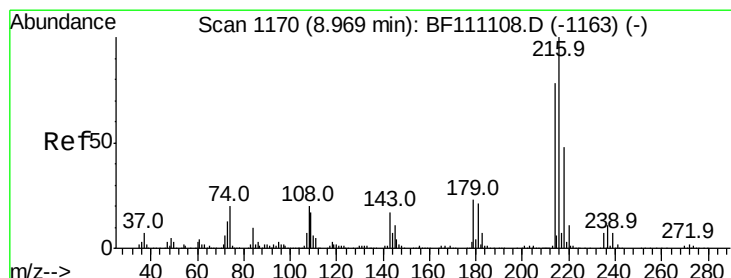
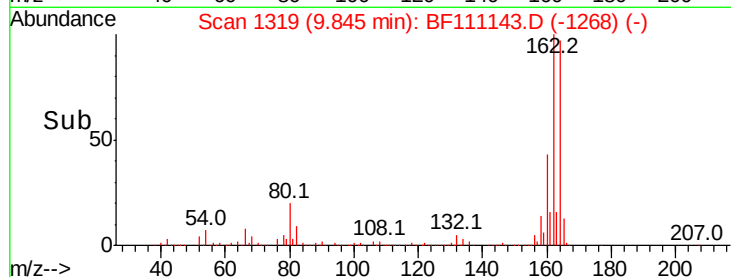
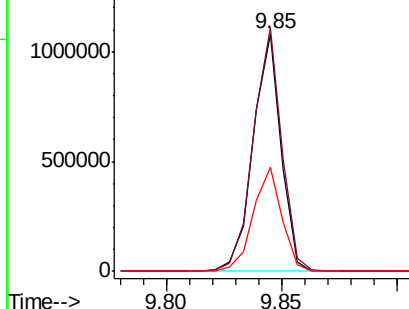


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.289 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.4	95.0	
179	23.3	18.5	27.7	
108	25.8	19.1	28.7	

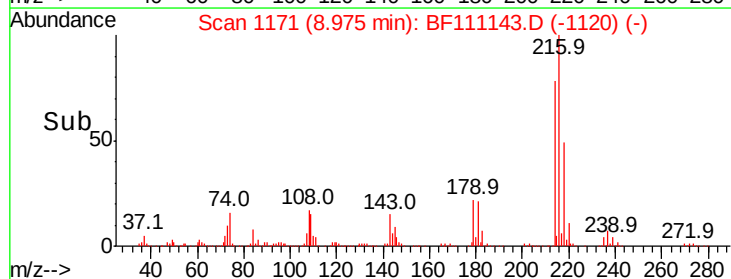
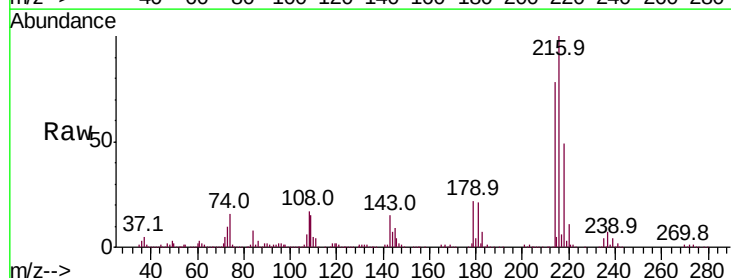
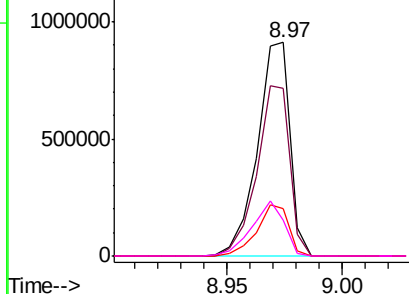
Abundance

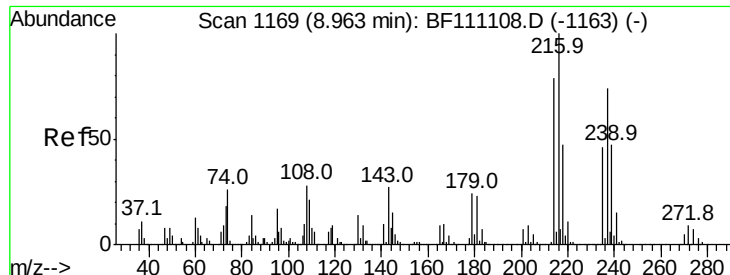
Ion 216.00 (215.70 to 216.70): E

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: 82.361 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:237 Resp: 1051098

Ion Ratio Lower Upper

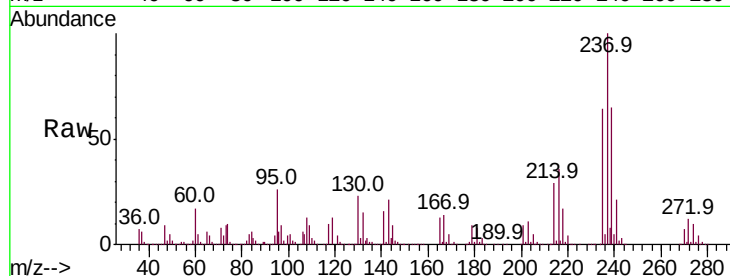
237 100

235 63.7 41.9 81.9

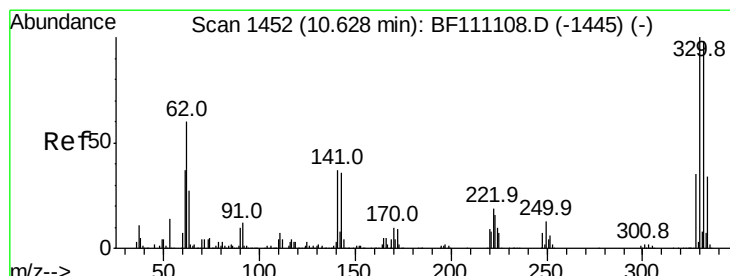
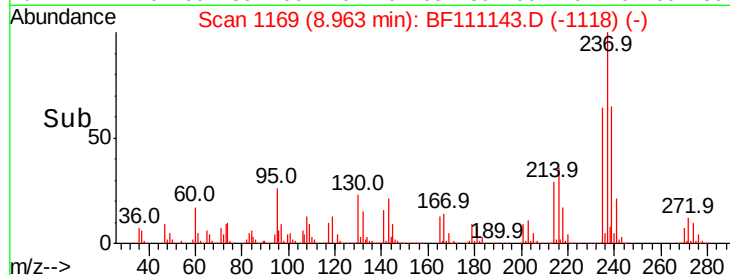
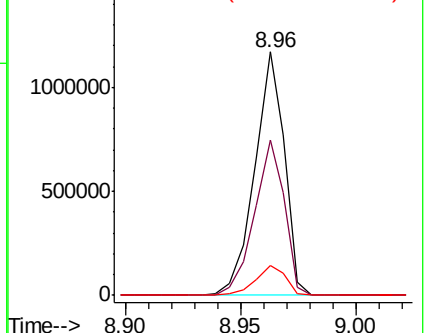
272 12.3 0.0 32.7

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



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: 128.997 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

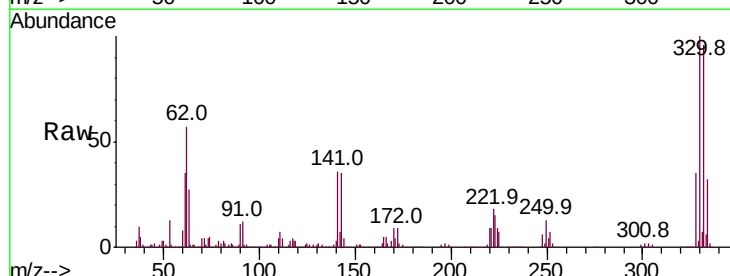
Tgt Ion:330 Resp: 931164

Ion Ratio Lower Upper

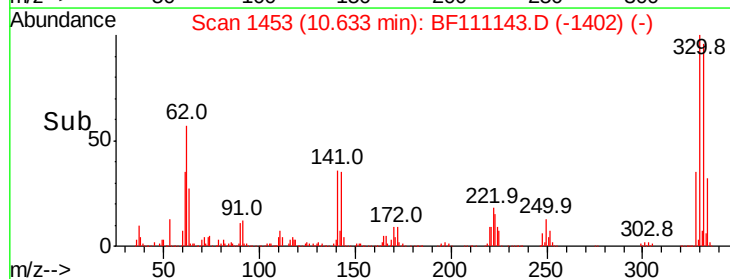
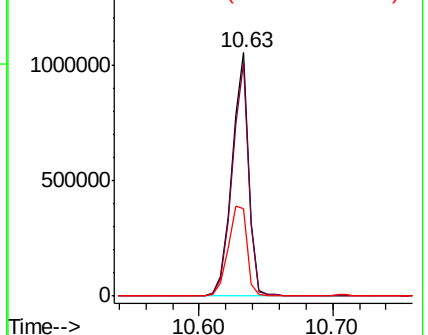
330 100

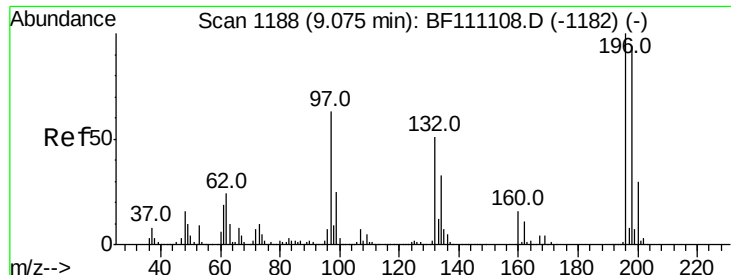
332 95.6 77.2 115.8

141 42.3 36.1 54.1



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





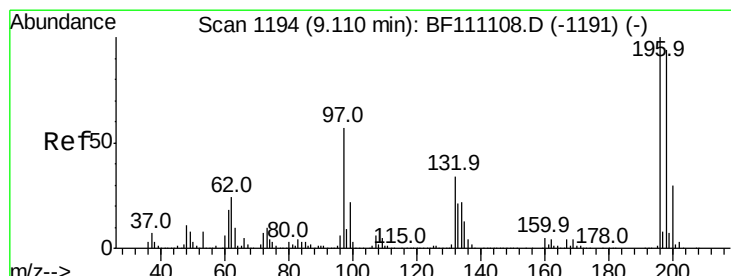
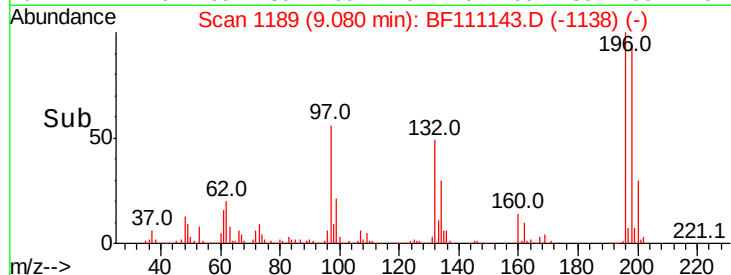
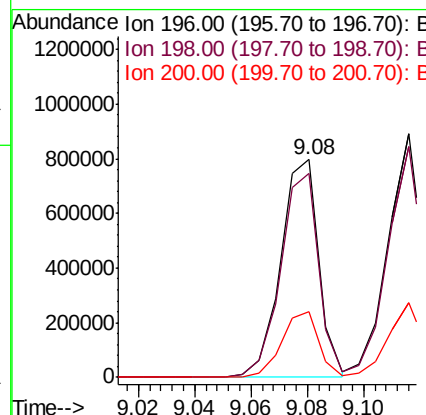
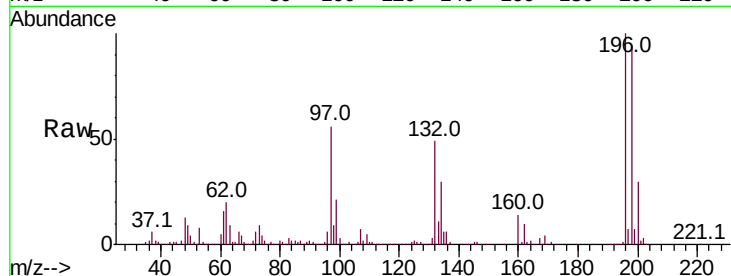
#43
 2,4,6-Trichlorophenol
 Concen: 42.125 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampled :
 SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	744643		
198	93.6	75.4	113.0	
200	30.0	24.2	36.4	

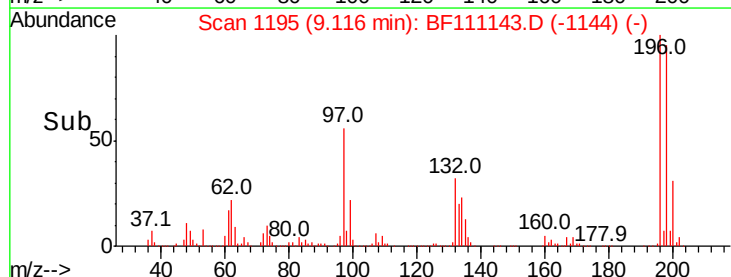
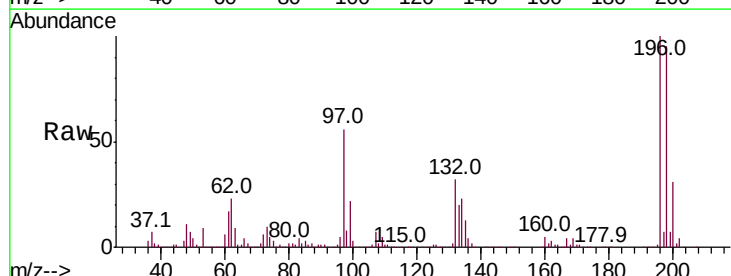
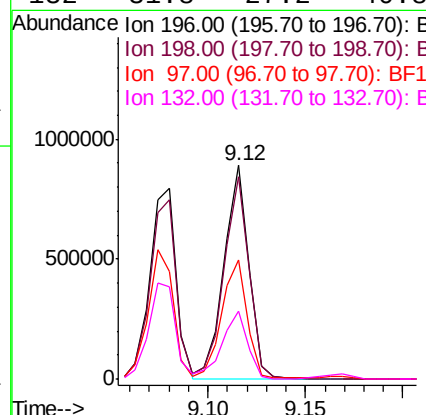
Manual Integrations
 APPROVED

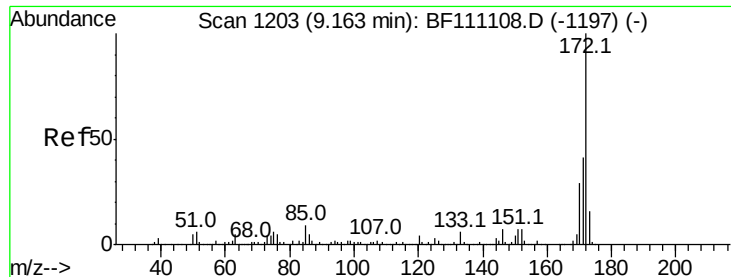
mohammad
 12/10/2018 12:18:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.756 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	784081		
198	94.9	75.0	112.4	
97	56.0	46.2	69.4	
132	31.8	27.2	40.8	





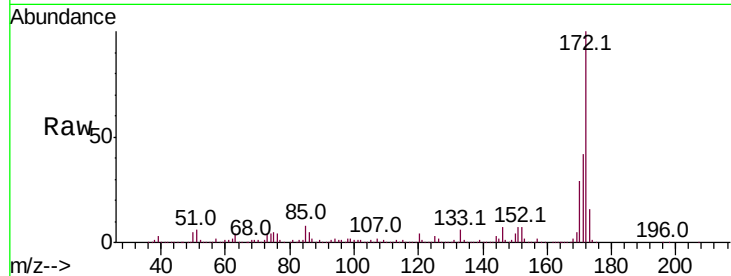
#45
2-Fluorobiphenyl
Concen: 92.721 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :
SB-2MS

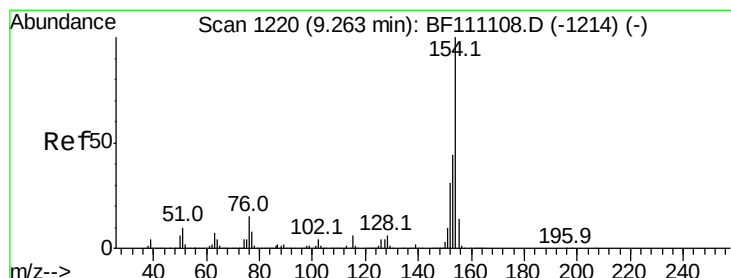
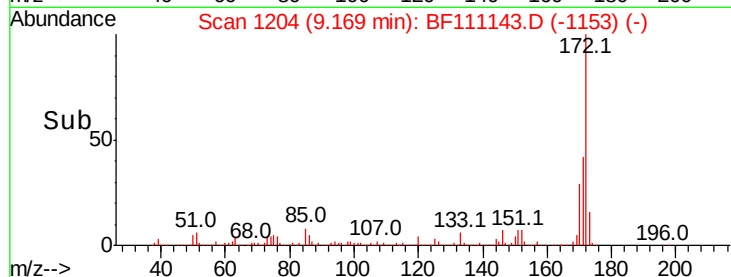
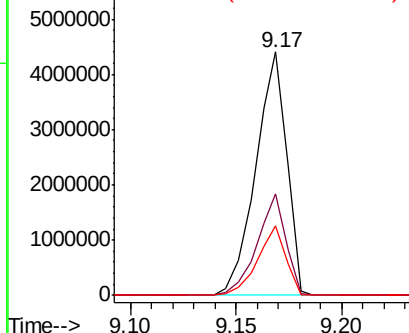
Tot Ion:172 Resp: 4484786
Ion Ratio Lower Upper
172 100
171 41.8 33.2 49.8
170 28.7 22.9 34.3

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

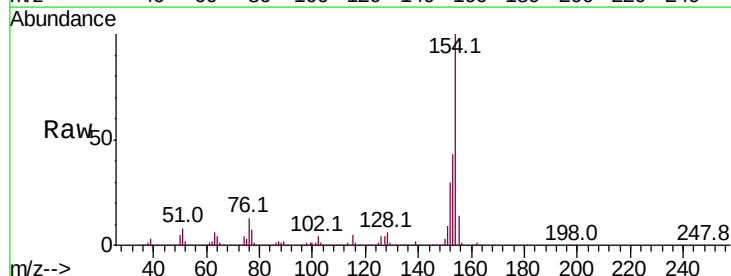


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

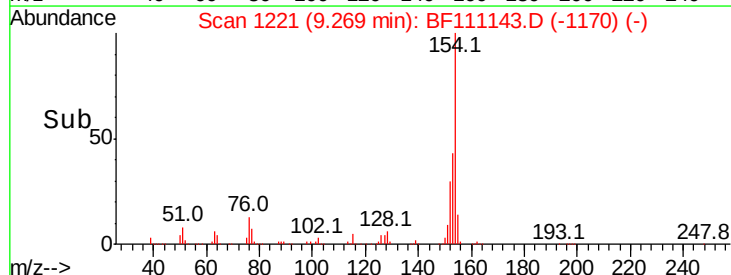
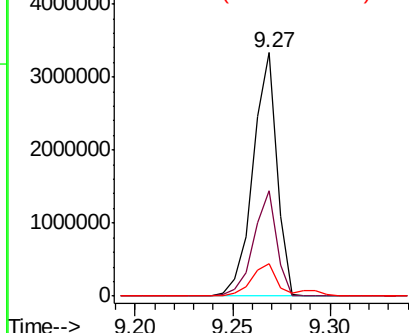


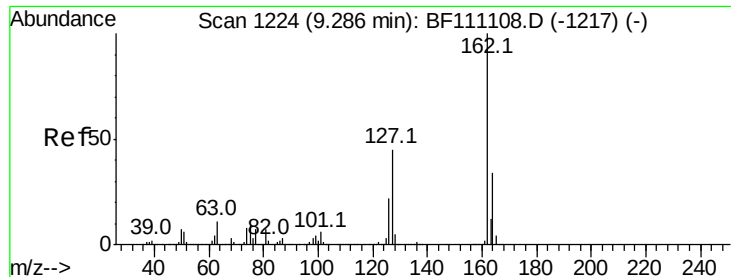
#46
1,1'-Biphenyl
Concen: 38.100 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:154 Resp: 2832422
Ion Ratio Lower Upper
154 100
153 43.4 23.7 63.7
76 13.5 0.0 35.0



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





#47

2-Chloronaphthalene

Concen: 39.258 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:162 Resp: 2267845

Ion Ratio Lower Upper

162 100

127 43.3 36.4 54.6

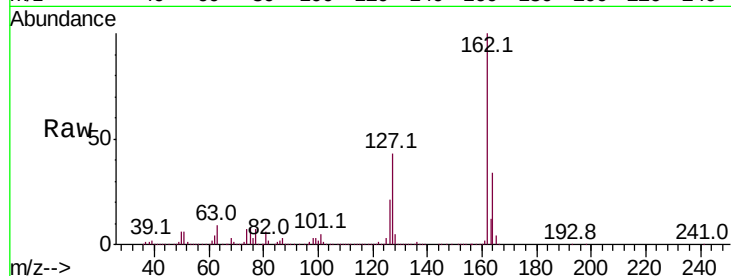
164 33.6 27.3 40.9

Manual Integrations

APPROVED

mohammad

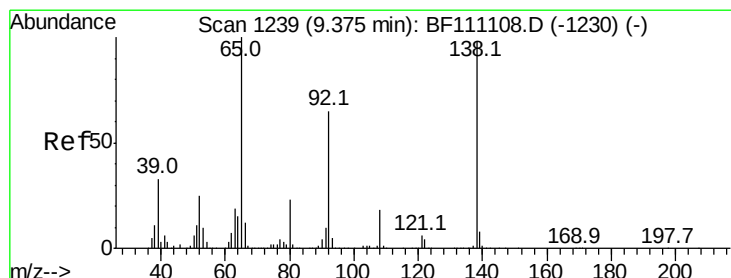
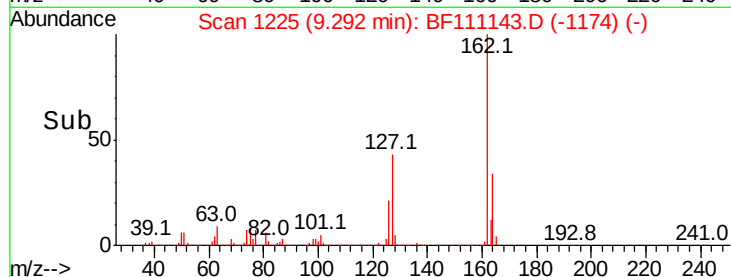
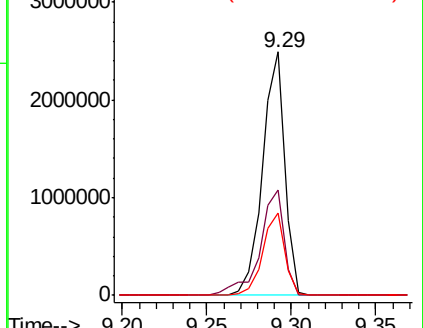
12/10/2018 12:18:59 PM



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: 43.700 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

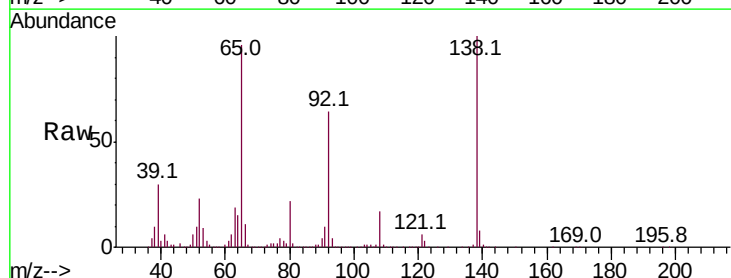
Tgt Ion: 65 Resp: 818097

Ion Ratio Lower Upper

65 100

92 65.9 52.1 78.1

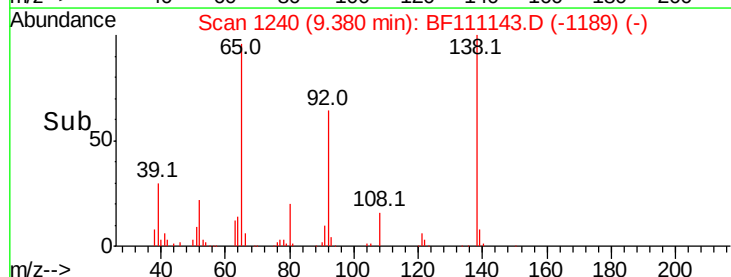
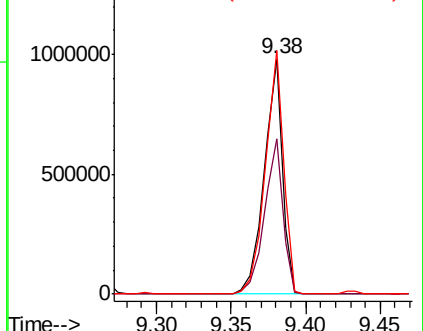
138 103.7 78.2 117.4

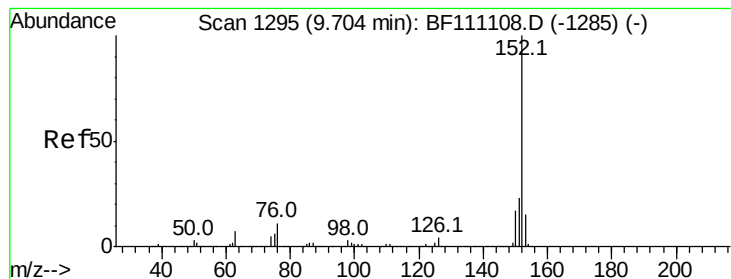


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.138 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:152 Resp: 3564050

Ion Ratio Lower Upper

152 100

151 22.9 18.3 27.5

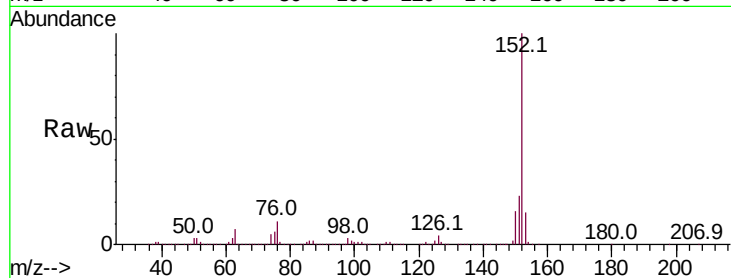
153 15.0 11.8 17.8

Manual Integrations

APPROVED

mohammad

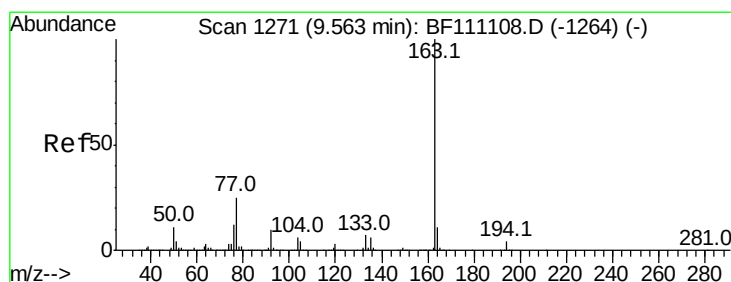
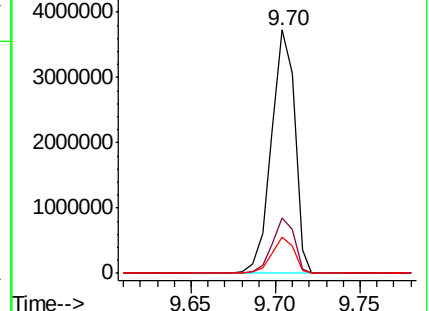
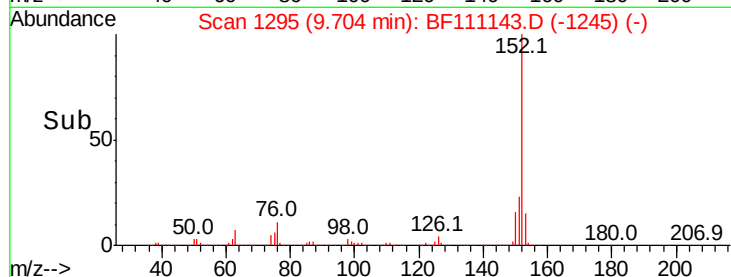
12/10/2018 12:18:59 PM



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: 47.471 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

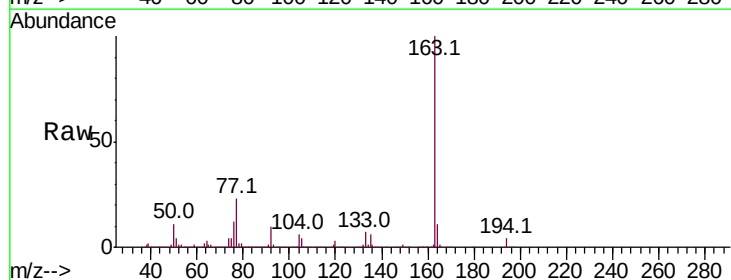
Tgt Ion:163 Resp: 3000233

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

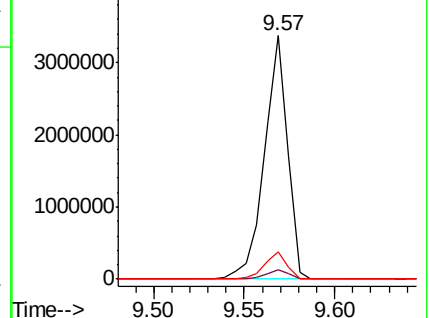
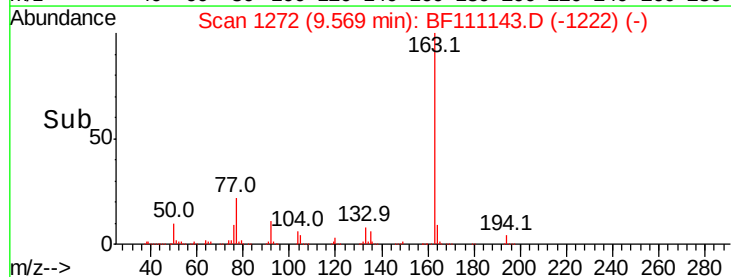
164 11.2 8.9 13.3

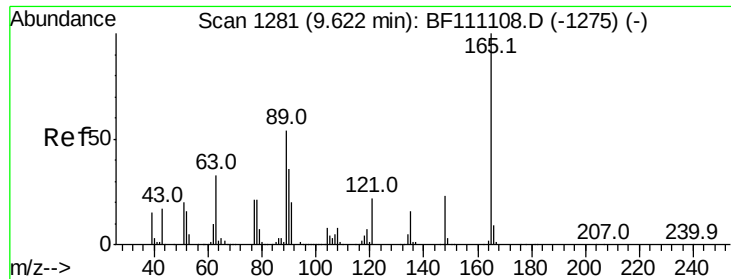


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





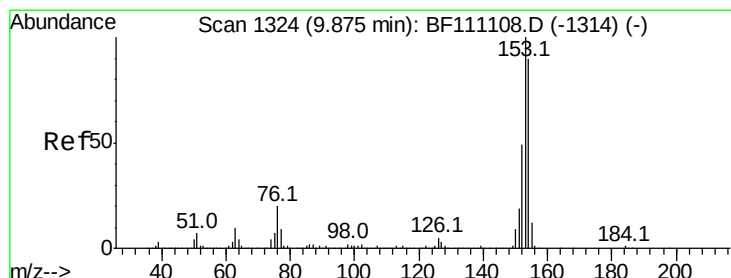
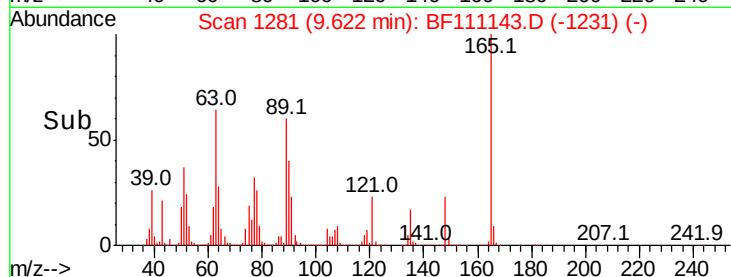
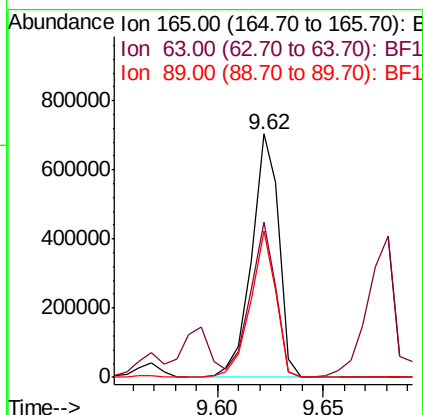
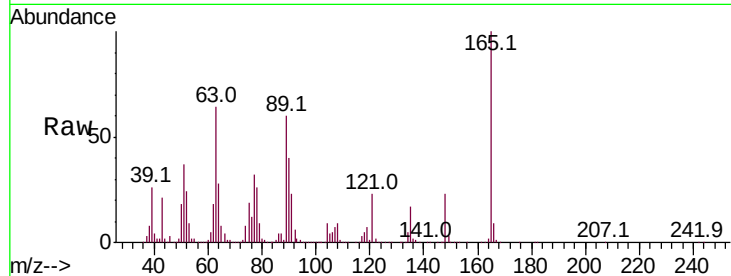
#51
2,6-Dinitrotoluene
Concen: 46.814 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	627298		
63	64.0		44.7	67.1
89	60.1		43.0	64.4

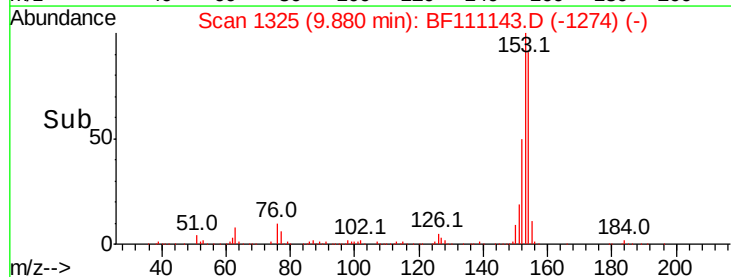
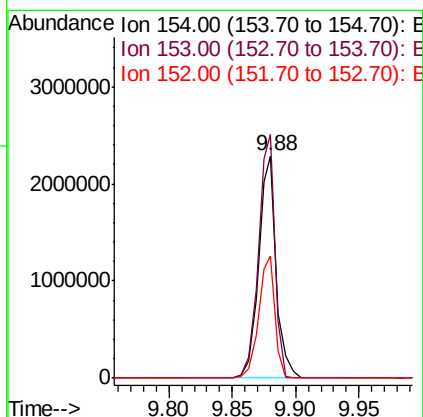
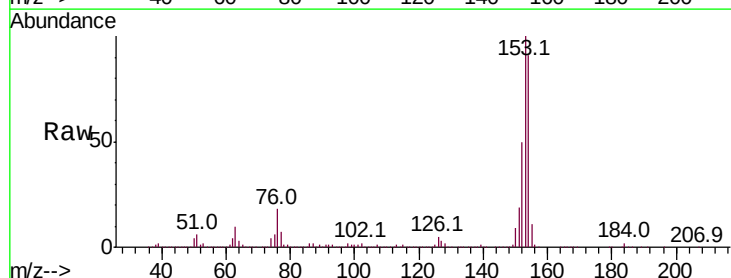
Manual Integrations
APPROVED

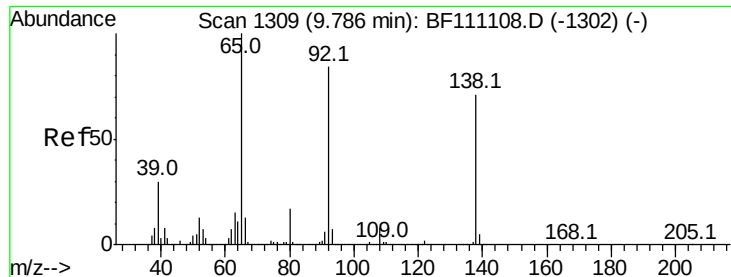
mohammad
12/10/2018 12:18:59 PM



#52
Acenaphthene
Concen: 41.779 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2228736		
153	109.5		88.7	133.1
152	55.1		43.8	65.8





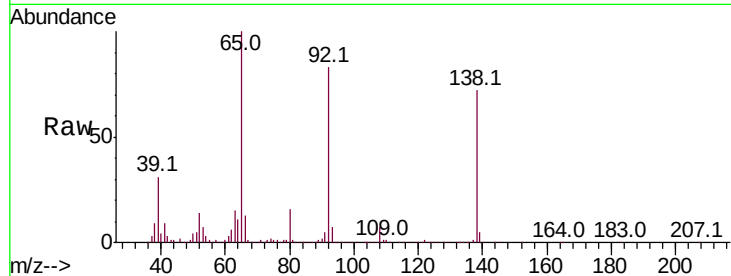
#53
3-Nitroaniline
Concen: 38.931 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :
SB-2MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	115.2	94.1	141.1

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

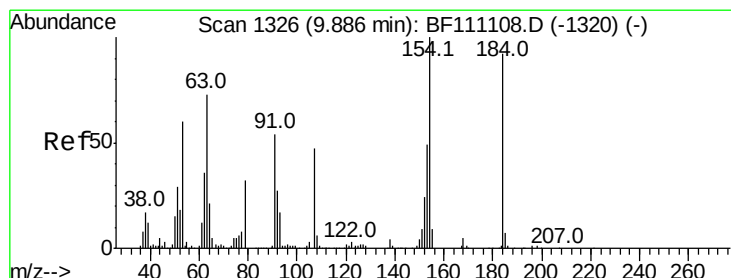
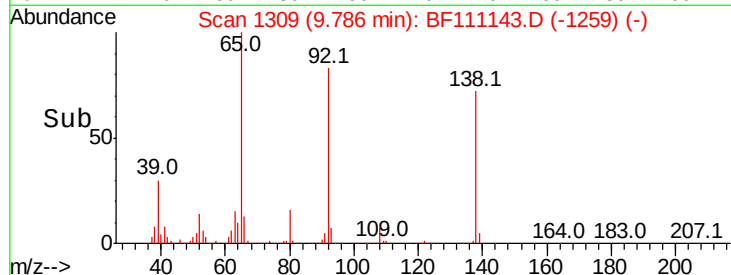
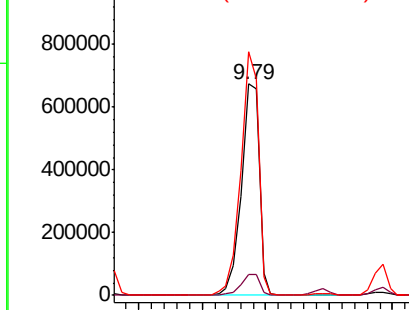


Abundance

Ion 138.00 (137.70 to 138.70): E

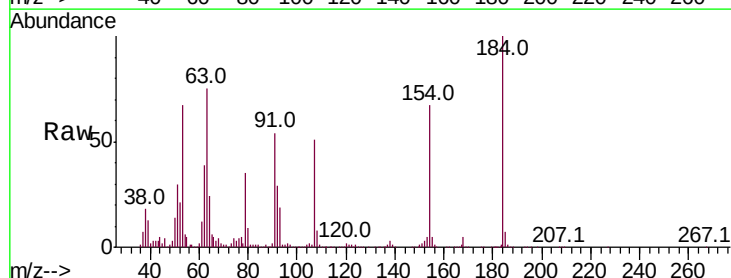
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 61.813 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	64.2	96.4
154	67.2	89.5	134.3

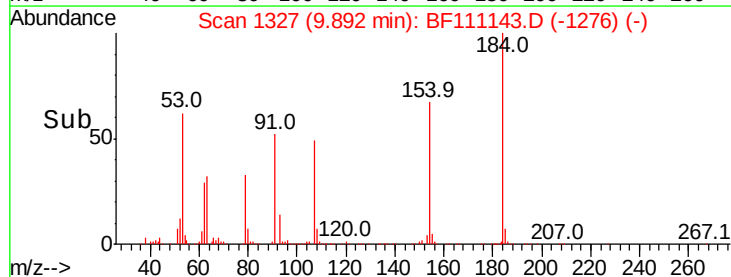
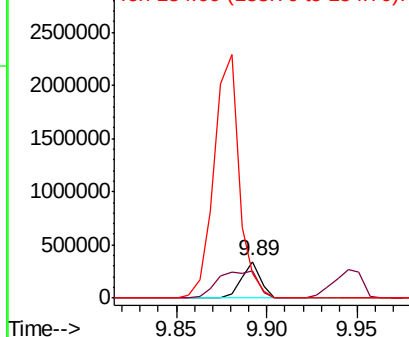


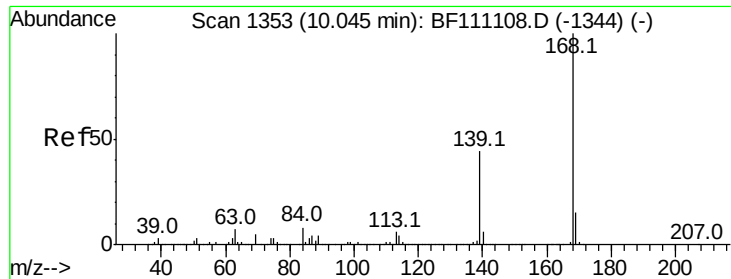
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





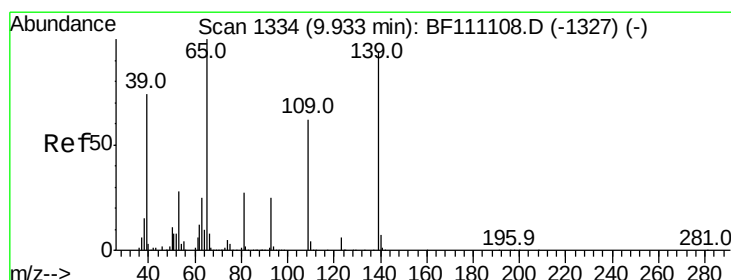
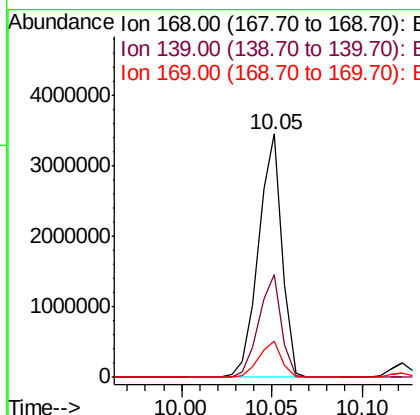
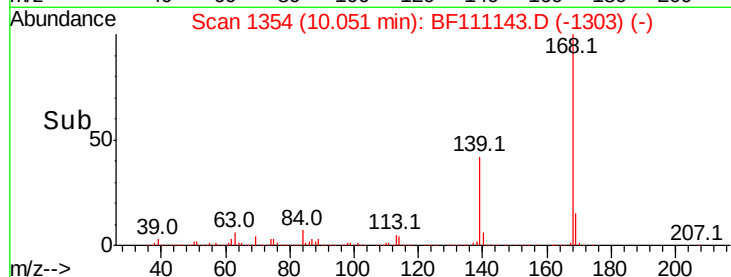
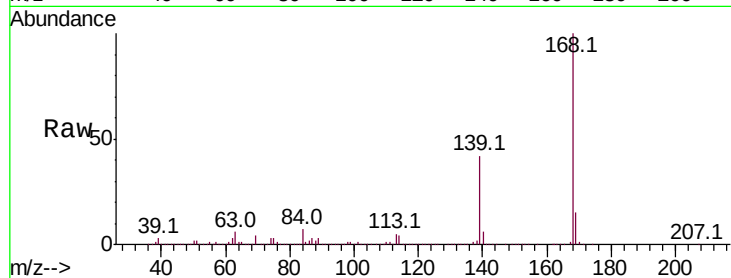
#55
Dibenzofuran
Concen: 42.234 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :
SB-2MS

Tot Ion:168 Resp: 3103154
Ion Ratio Lower Upper
168 100
139 42.0 35.1 52.7
169 15.0 12.2 18.4

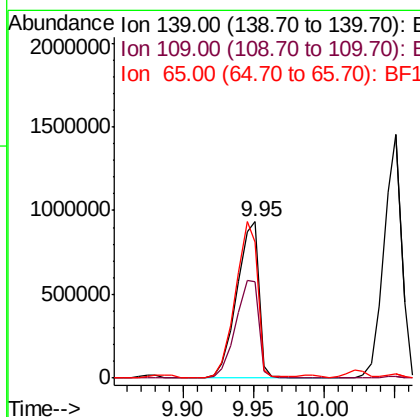
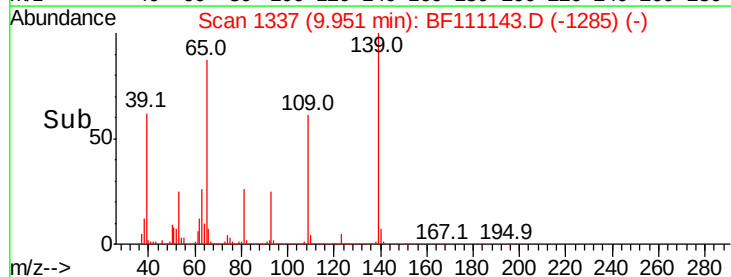
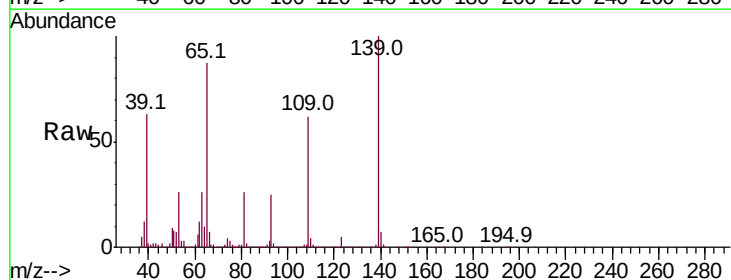
Manual Integrations
APPROVED

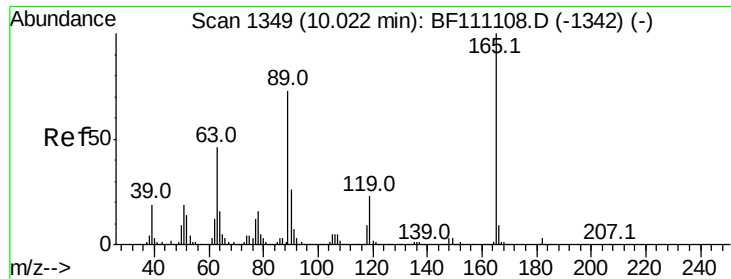
mohammad
12/10/2018 12:18:59 PM



#56
4-Nitrophenol
Concen: 79.889 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:139 Resp: 1013282
Ion Ratio Lower Upper
139 100
109 61.5 46.1 86.1
65 87.3 87.0 127.0





#57

2,4-Dinitrotoluene

Concen: 47.063 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampled :

SB-2MS

Tot Ion:165 Resp: 814459

Ion Ratio Lower Upper

165 100

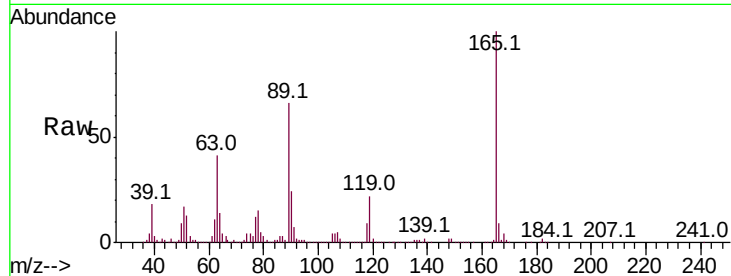
63 40.6 36.7 55.1

89 65.8 58.4 87.6

182 2.1 2.1 3.1#

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

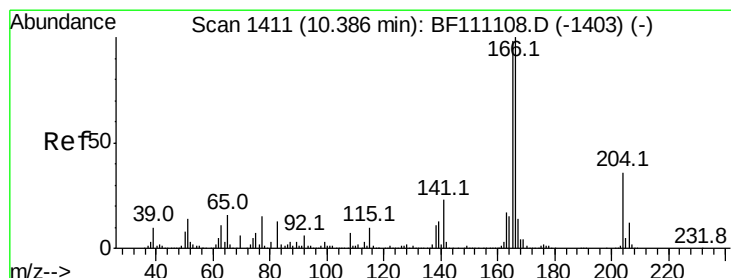
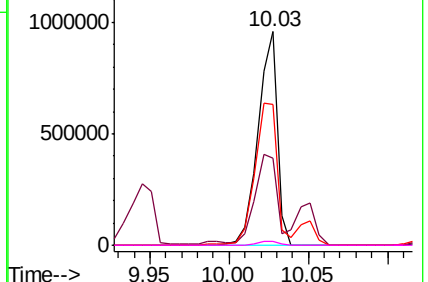
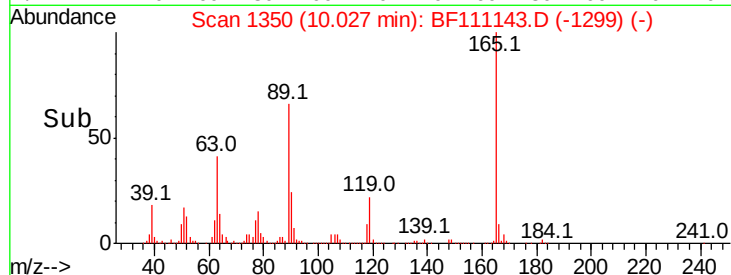


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.835 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

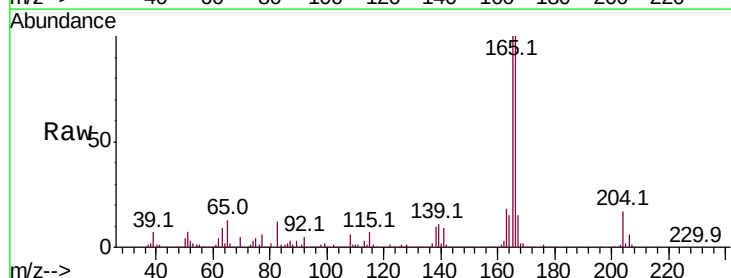
Tgt Ion:166 Resp: 2323062

Ion Ratio Lower Upper

166 100

165 99.8 78.4 117.6

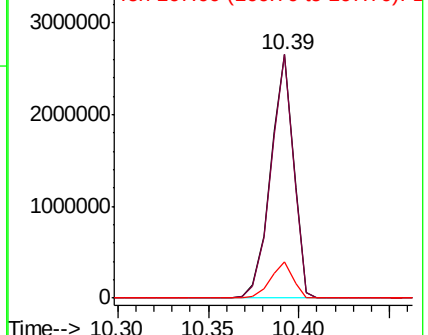
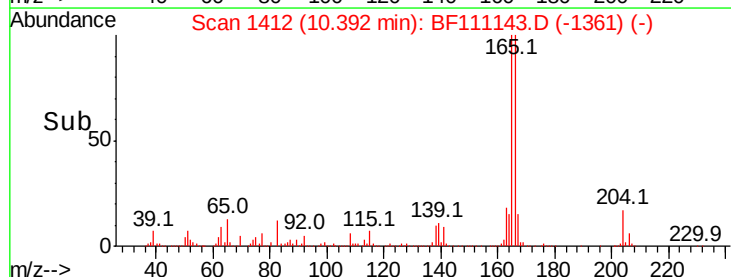
167 14.8 11.4 17.2

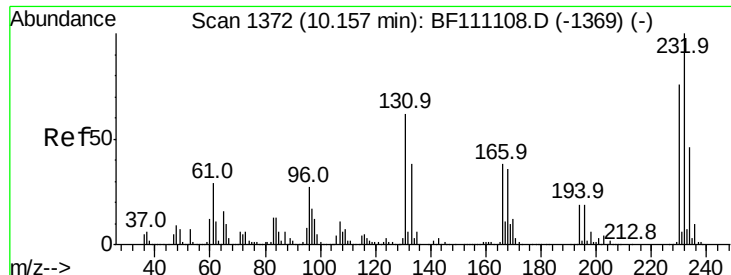


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





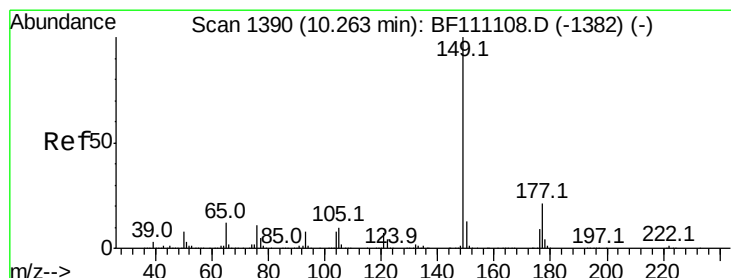
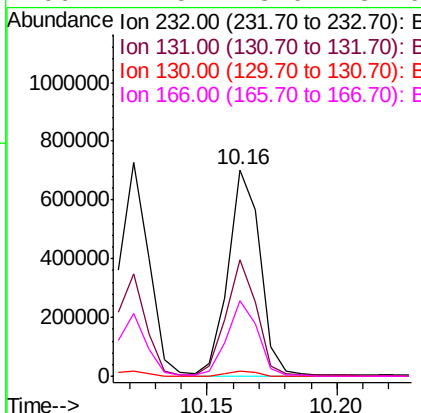
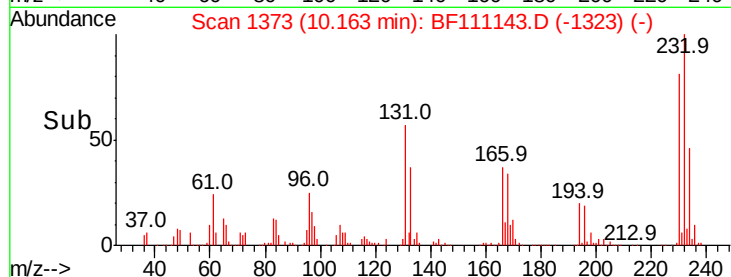
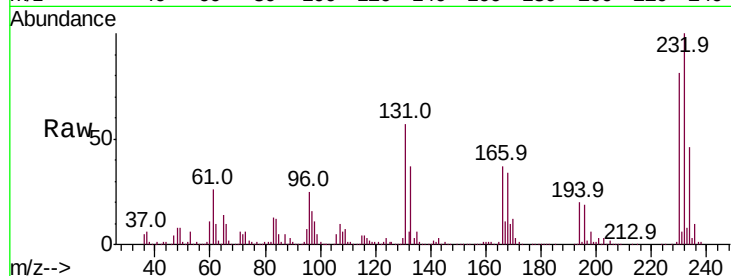
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.238 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleID :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	40.4	60.6
130	2.6	2.1	3.1
166	27.5	23.0	34.6

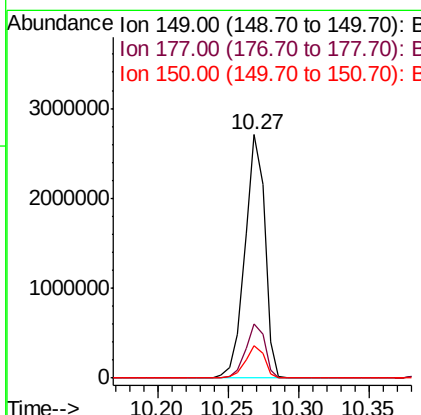
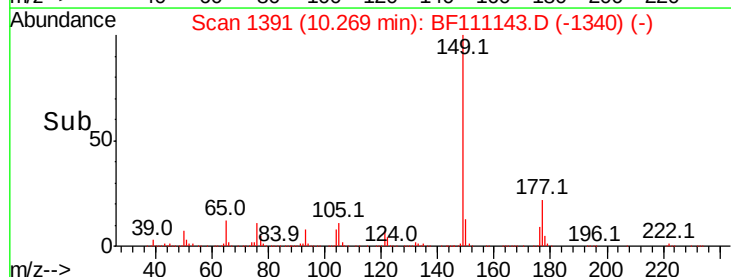
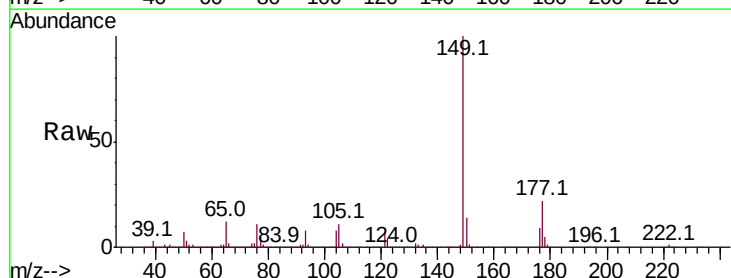
Manual Integrations
 APPROVED

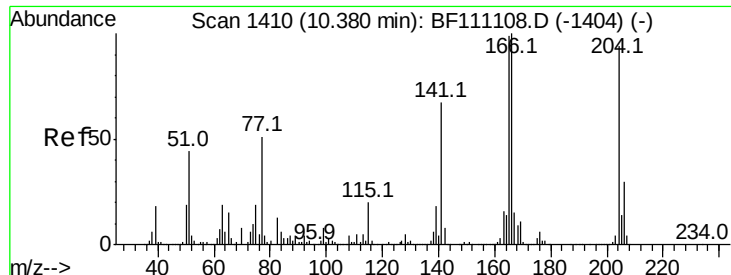
mohammad
 12/10/2018 12:18:59 PM



#60
 Diethylphthalate
 Concen: 42.076 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	13.5	10.5	15.7





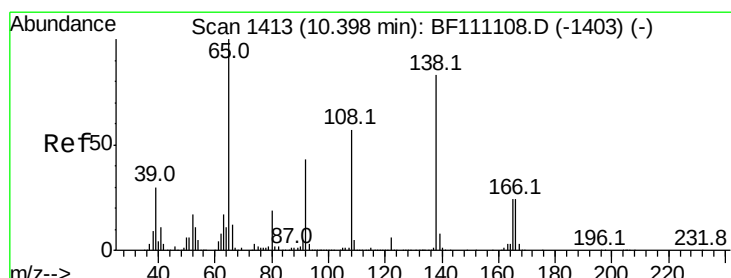
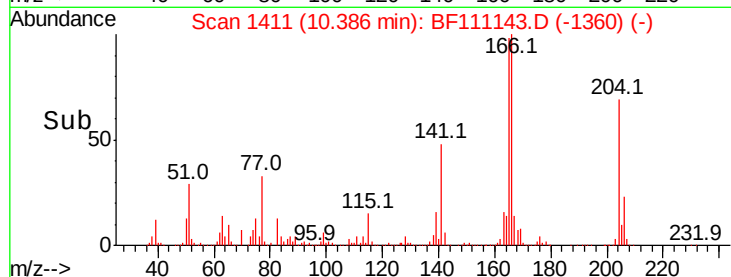
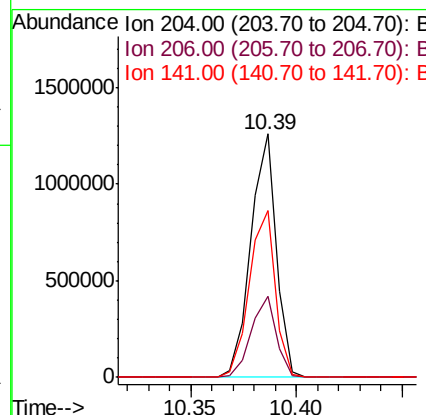
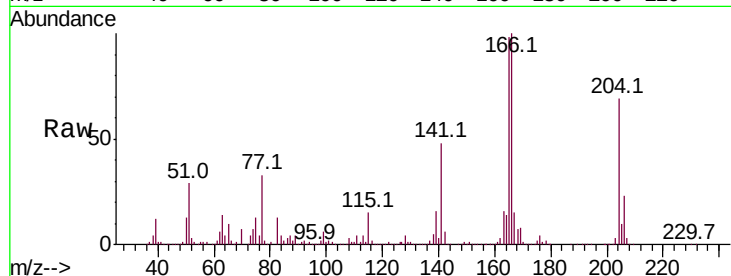
#61
4-Chlorophenyl-phenylether
Concen: 41.336 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion:204 Resp: 1055488
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 68.6 57.4 86.0

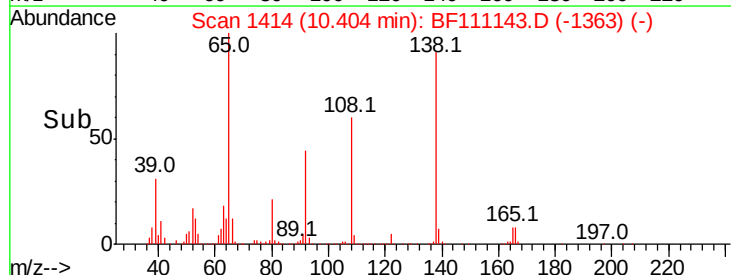
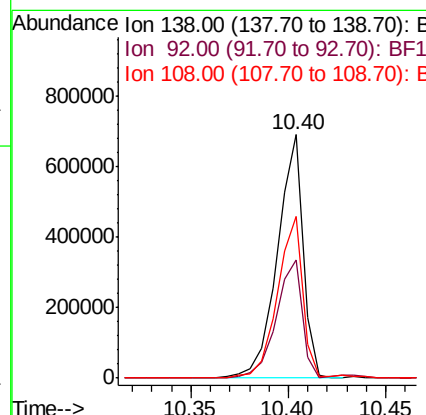
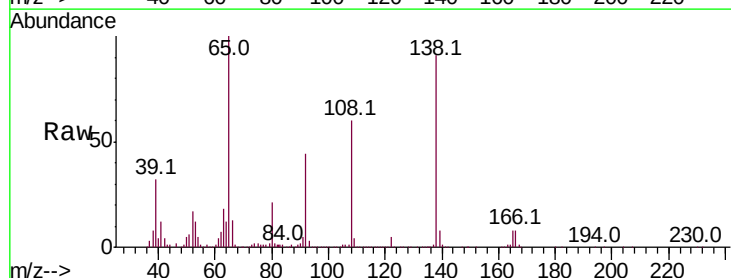
Manual Integrations
APPROVED

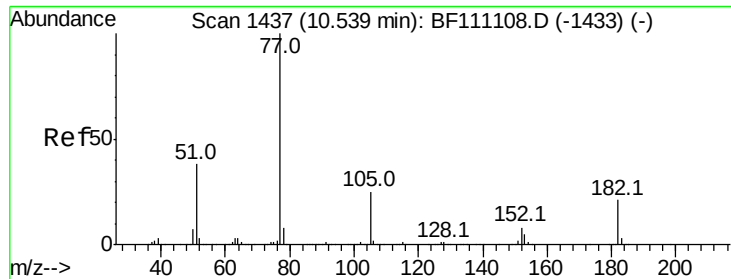
mohammad
12/10/2018 12:18:59 PM



#62
4-Nitroaniline
Concen: 41.517 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:138 Resp: 630696
Ion Ratio Lower Upper
138 100
92 48.7 31.6 71.6
108 66.3 48.3 88.3





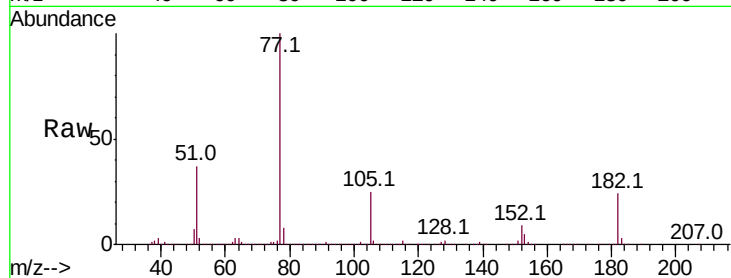
#63
Azobenzene
Concen: 40.008 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampled :
SB-2MS

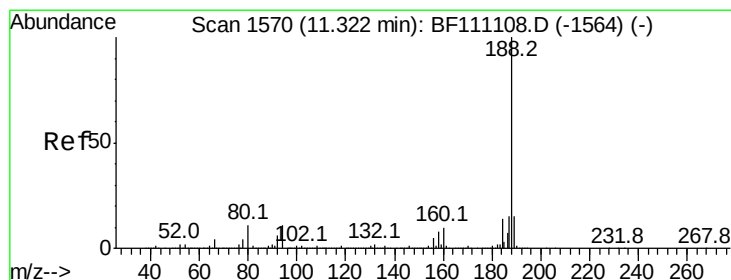
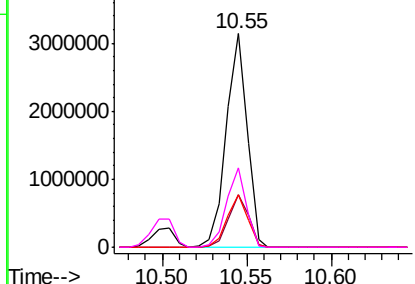
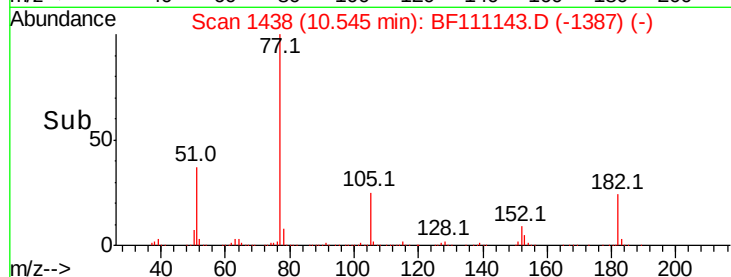
Tot Ion: 77 Resp: 2690286
Ion Ratio Lower Upper
77 100
182 24.4 1.4 41.4
105 24.6 4.7 44.7
51 36.9 18.0 58.0

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

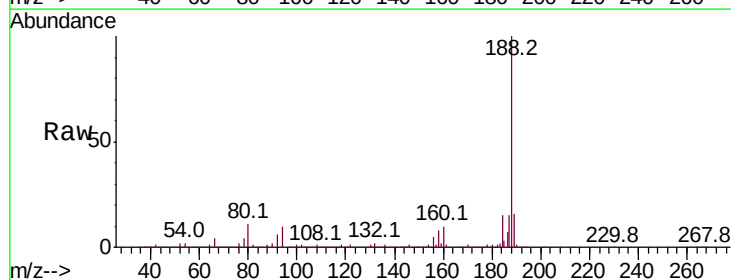


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

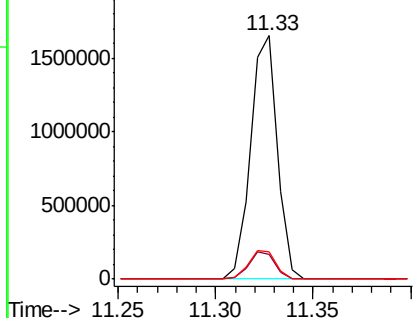
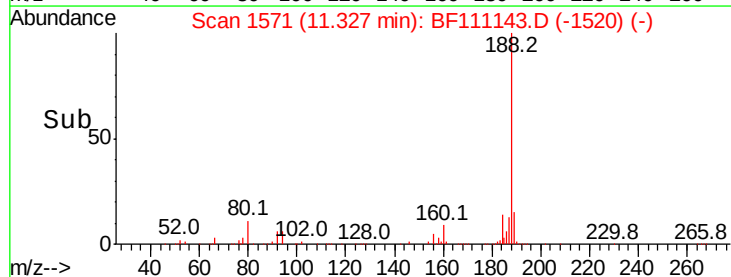


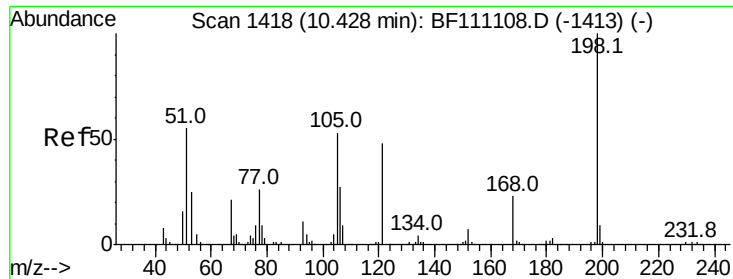
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion: 188 Resp: 1560157
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.0 13.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.041 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampled :

SB-2MS

Tot Ion:198 Resp: 238748

Ion Ratio Lower Upper

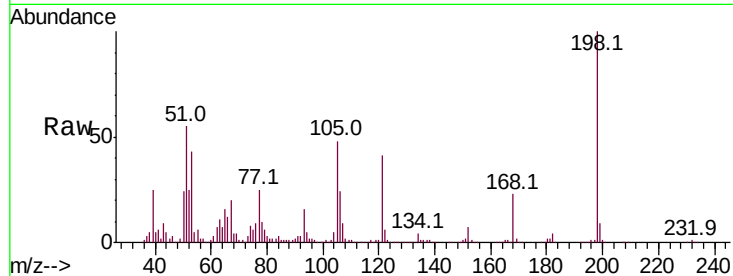
198 100

51 55.2 48.8 88.8

105 48.1 35.2 75.2

Manual Integrations
APPROVED

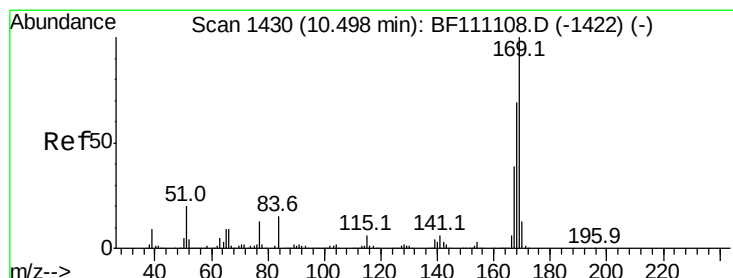
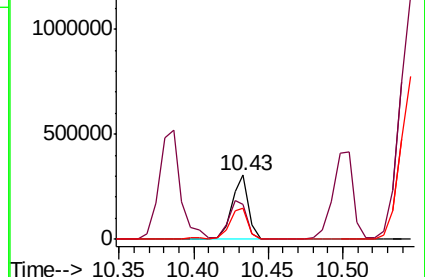
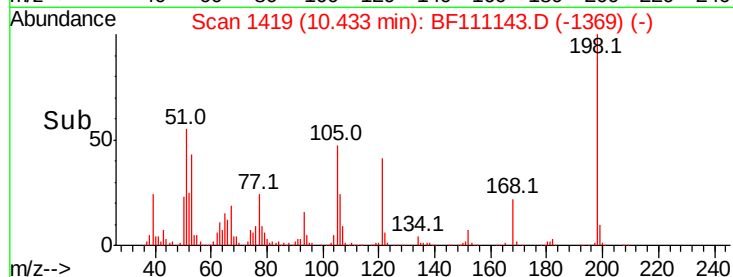
mohammad
12/10/2018 12:18:59 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.478 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

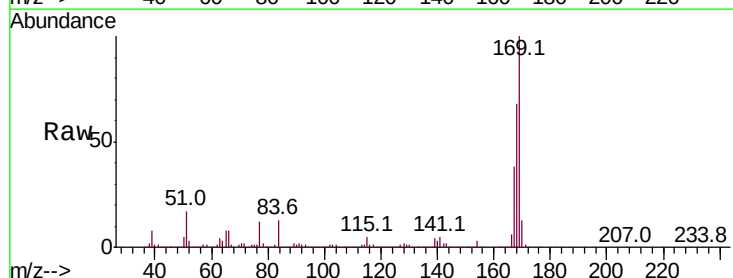
Tgt Ion:169 Resp: 2156672

Ion Ratio Lower Upper

169 100

168 68.0 55.4 83.2

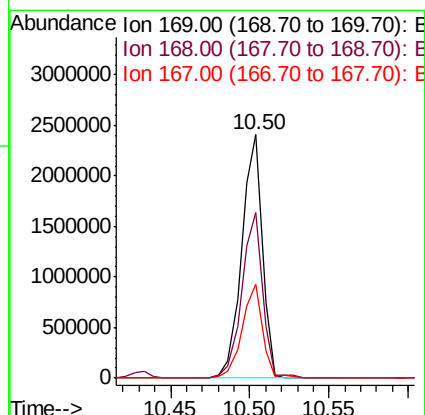
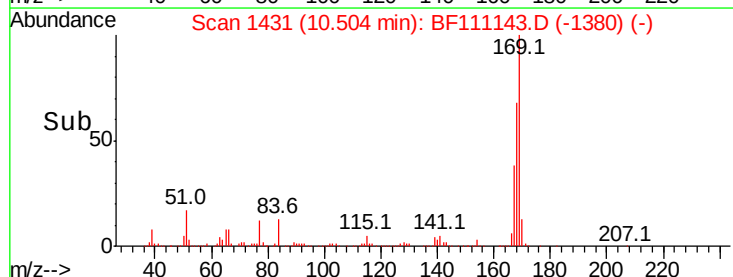
167 38.3 31.1 46.7

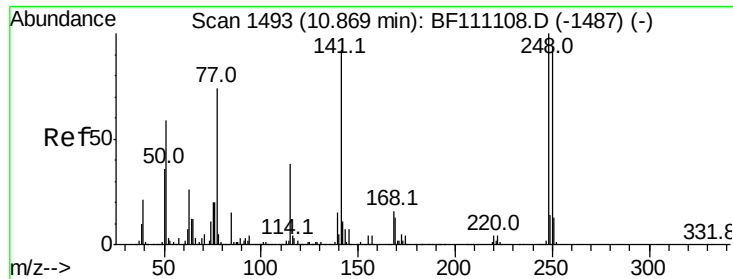


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





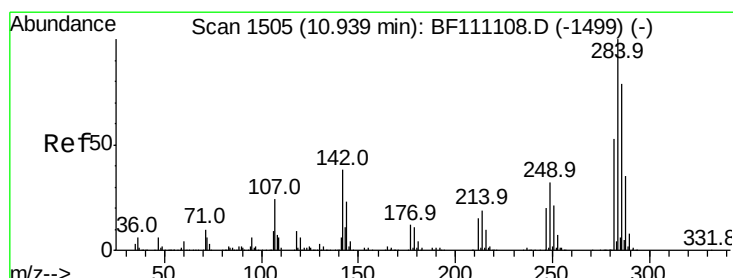
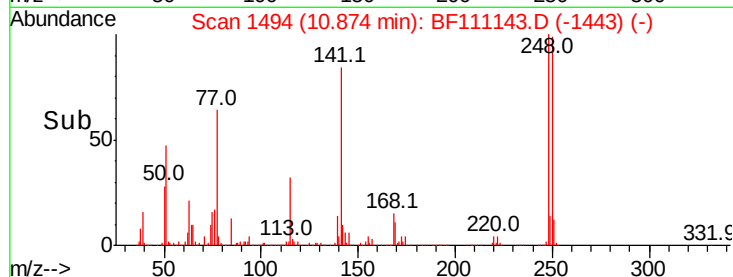
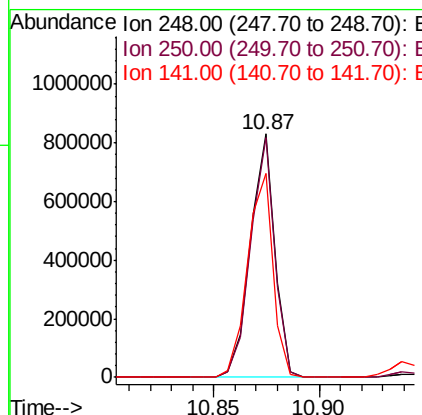
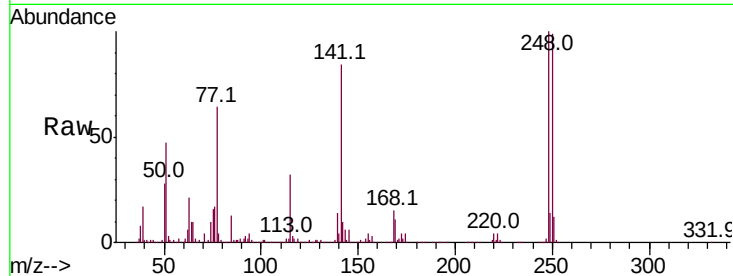
#67
4-Bromophenyl-phenylether
Concen: 40.347 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	75.4	113.0
141	83.6	73.8	110.6

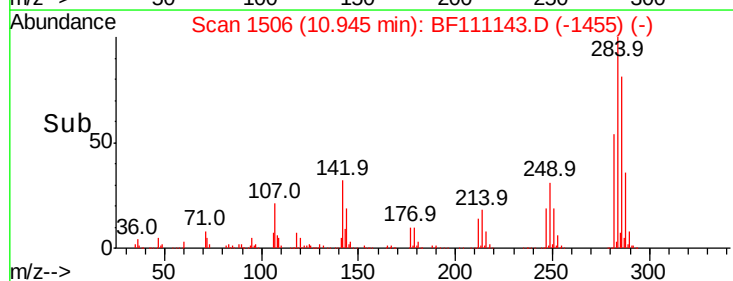
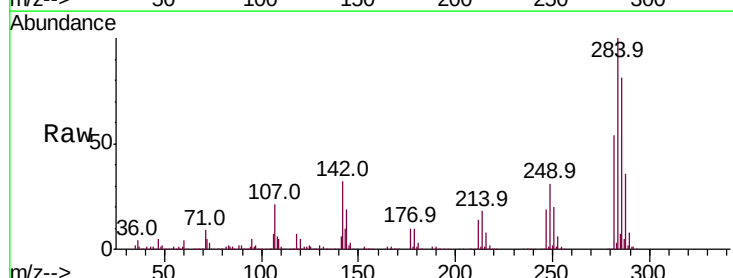
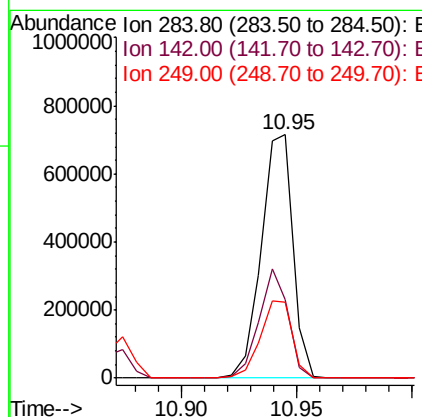
Manual Integrations
APPROVED

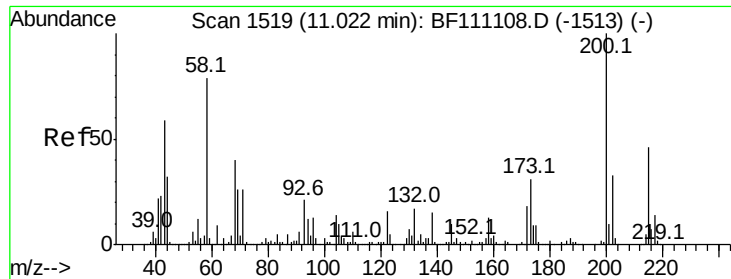
mohammad
12/10/2018 12:18:59 PM



#68
Hexachlorobenzene
Concen: 40.528 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	30.2	45.2
249	31.3	25.3	37.9





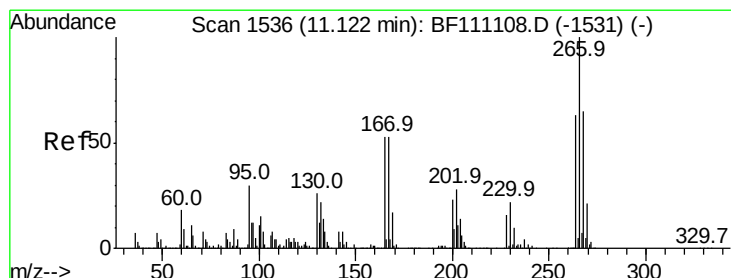
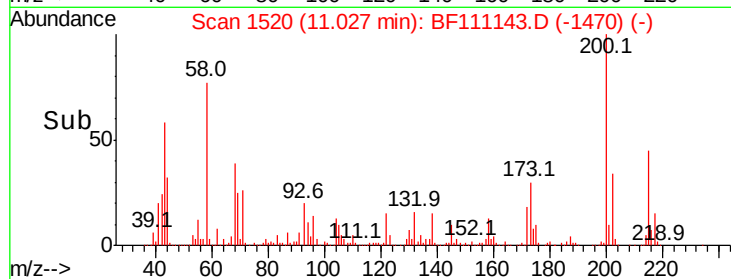
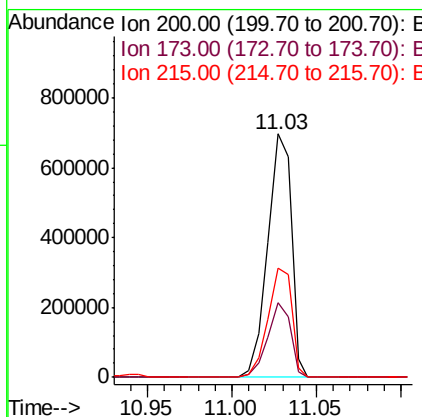
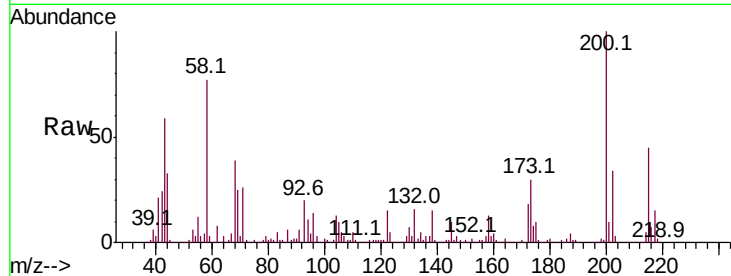
#69
 Atrazine
 Concen: Below Cal
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion:	200	Resp:	677245
Ion Ratio	Lower	Upper	
200	100		
173	30.5	11.3	51.3
215	45.0	25.9	65.9

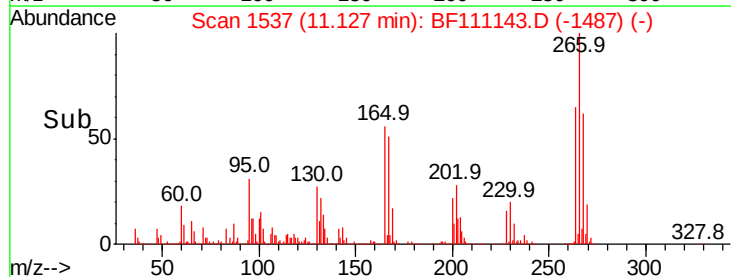
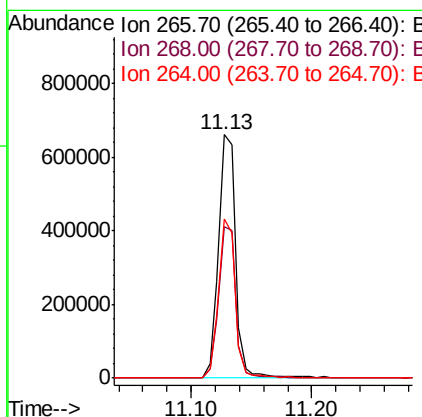
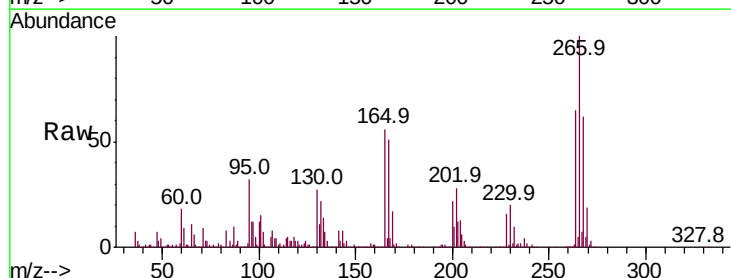
Manual Integrations
 APPROVED

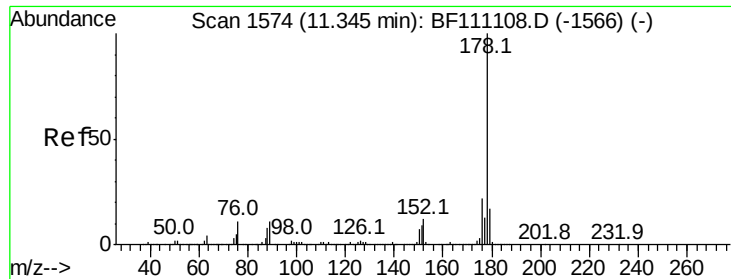
mohammad
 12/10/2018 12:18:59 PM



#70
 Pentachlorophenol
 Concen: 57.959 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion:	266	Resp:	643648
Ion Ratio	Lower	Upper	
266	100		
268	62.3	52.2	78.4
264	65.3	50.8	76.2





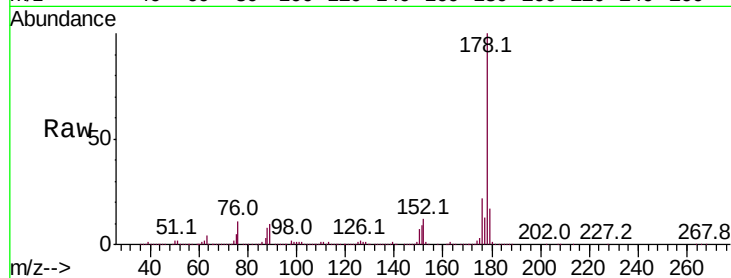
#71
Phenanthrene
Concen: 43.516 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

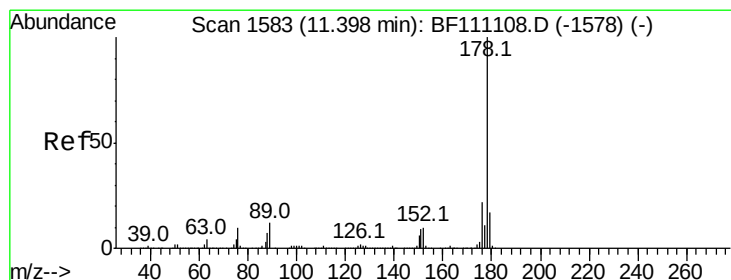
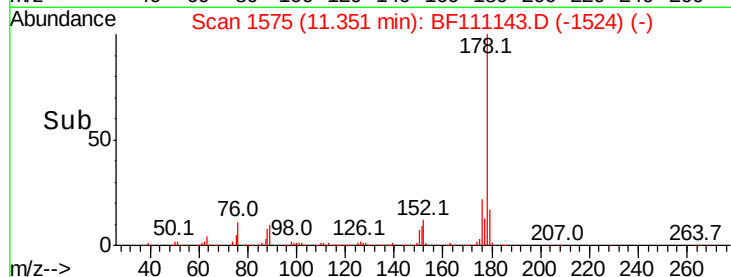
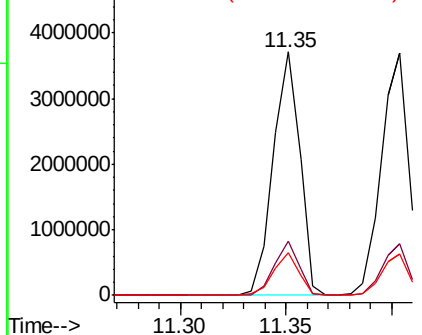
Tot Ion:178 Resp: 3265703
Ion Ratio Lower Upper
178 100
176 22.3 17.7 26.5
179 17.4 14.0 21.0

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



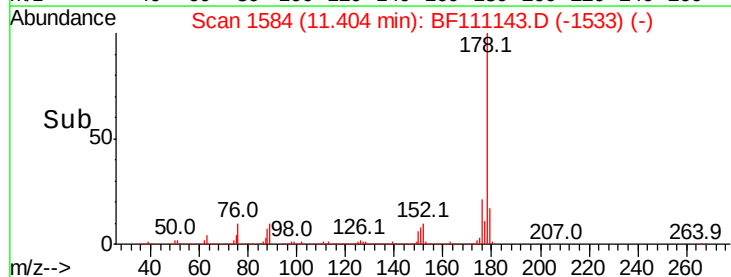
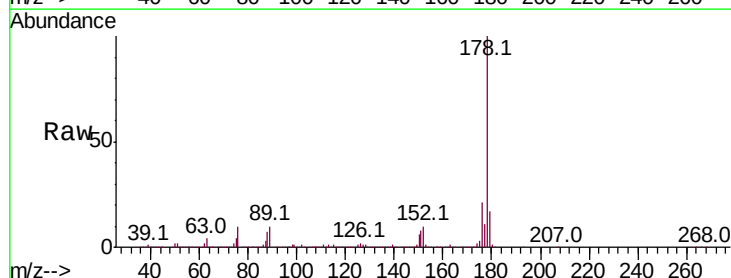
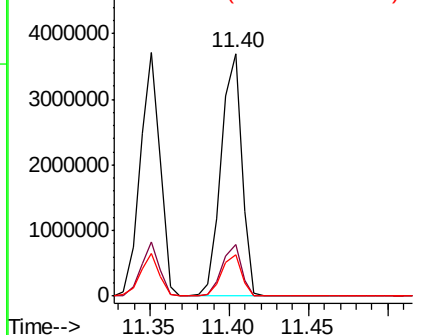
Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

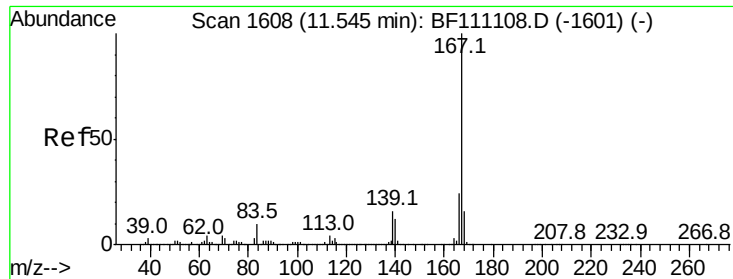


#72
Anthracene
Concen: 44.246 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion:178 Resp: 3347058
Ion Ratio Lower Upper
178 100
176 21.0 17.3 25.9
179 17.2 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





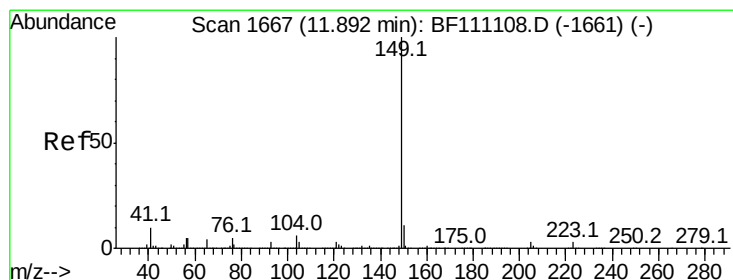
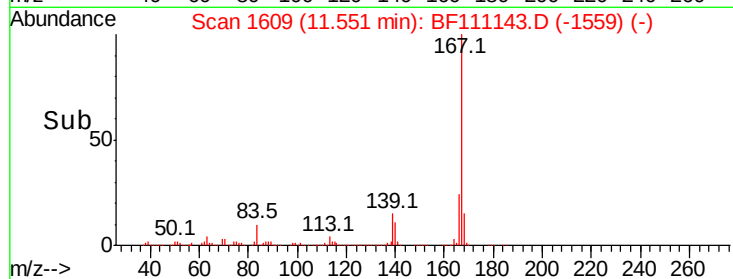
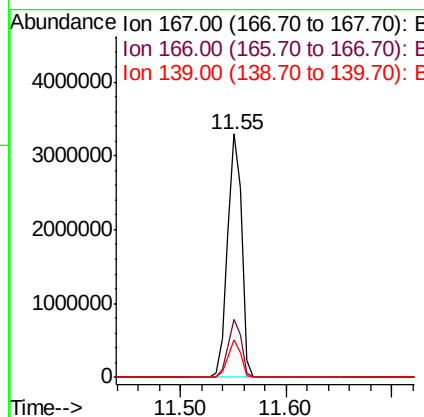
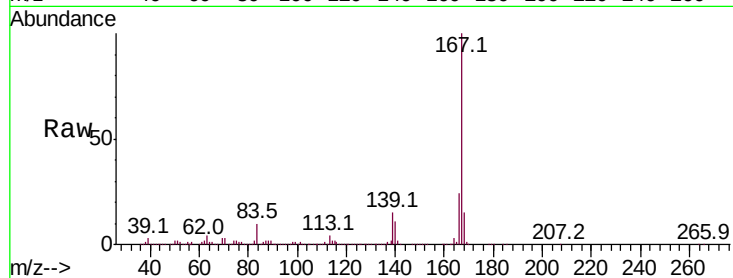
#73
 Carbazole
 Concen: 38.866 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.0
139	15.5	12.6	18.8

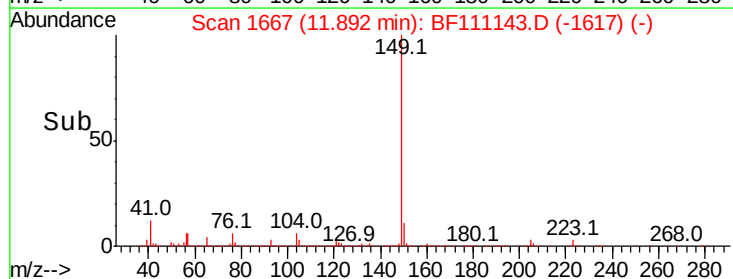
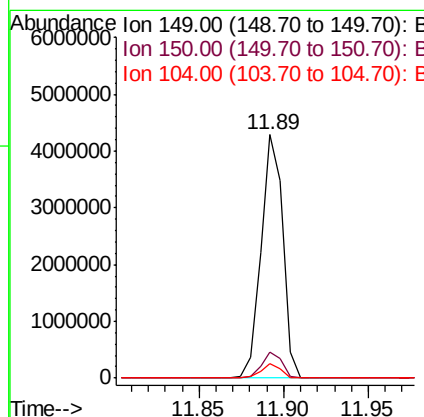
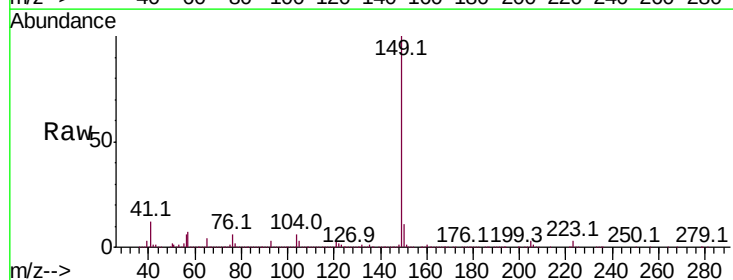
Manual Integrations
 APPROVED

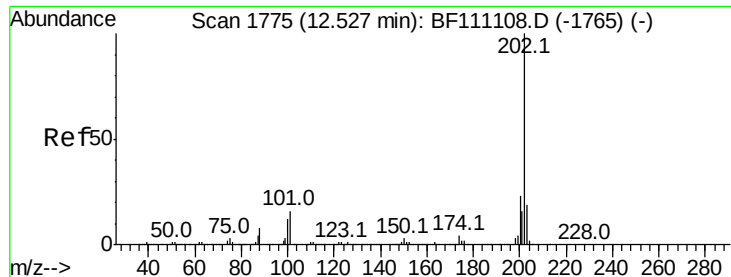
mohammad
 12/10/2018 12:18:59 PM



#74
 Di-n-butylphthalate
 Concen: 41.588 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.6	12.8
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 40.998 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:202 Resp: 3010716

Ion Ratio Lower Upper

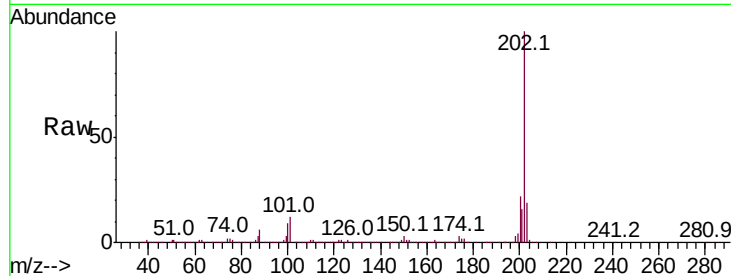
202 100

101 12.3 0.0 35.8

203 18.7 0.0 38.6

Manual Integrations
APPROVED

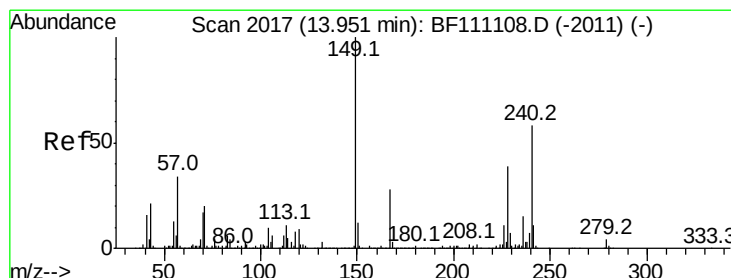
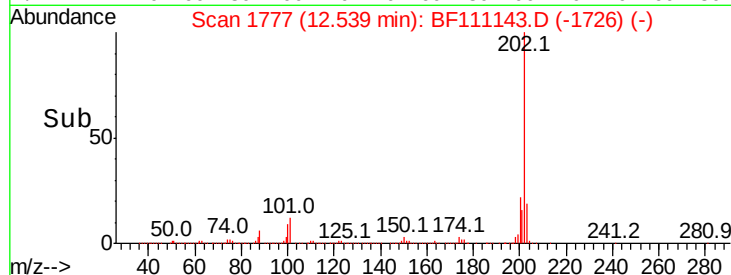
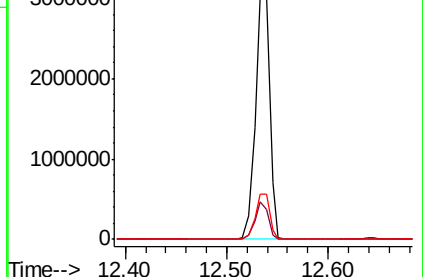
mohammad
12/10/2018 12:18:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

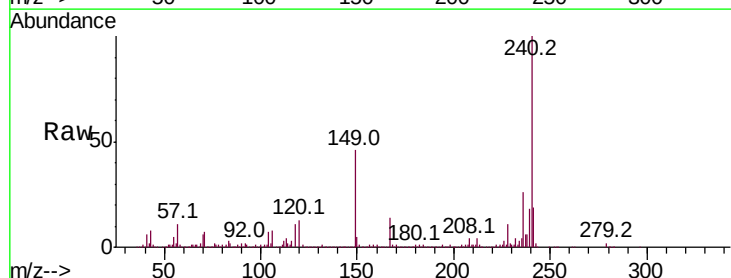
Tgt Ion:240 Resp: 809801

Ion Ratio Lower Upper

240 100

120 12.5 12.8 19.2#

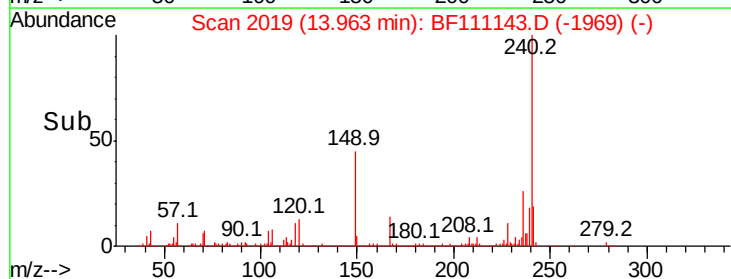
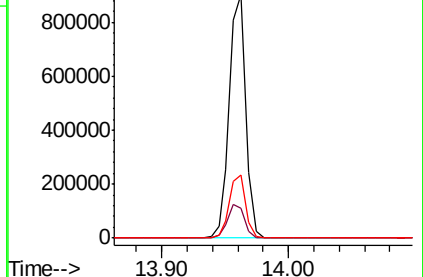
236 26.1 21.1 31.7

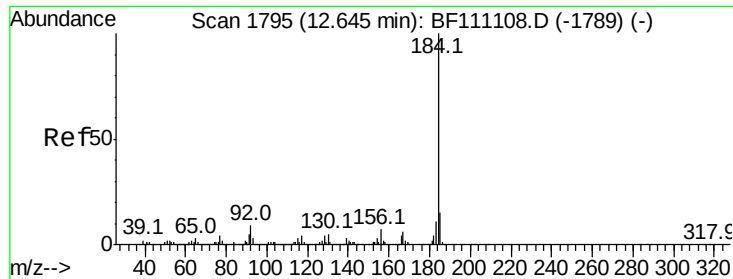


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.485 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

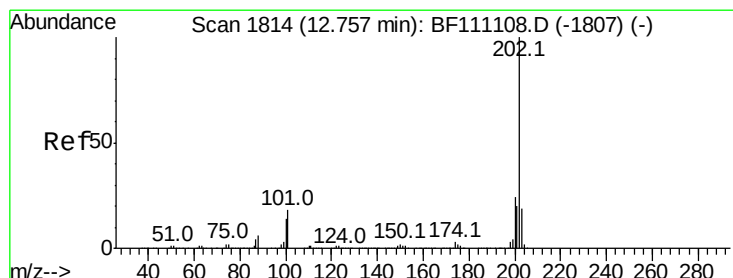
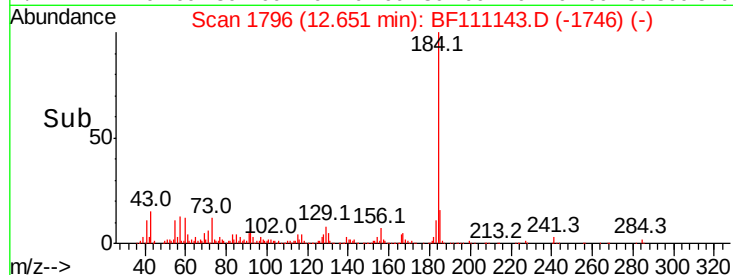
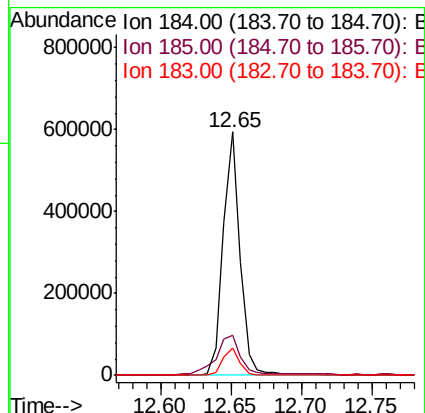
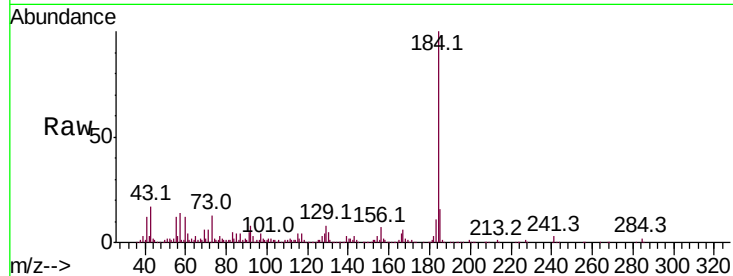
ClientSampleId :

SB-2MS

Tot Ion:	184	Resp:	499731
Ion Ratio	Lower	Upper	
184	100		
185	16.4	12.0	18.0
183	11.1	8.9	13.3

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



#78

Pyrene

Concen: 46.594 ng

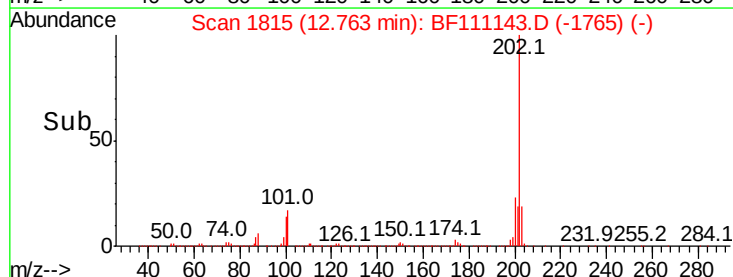
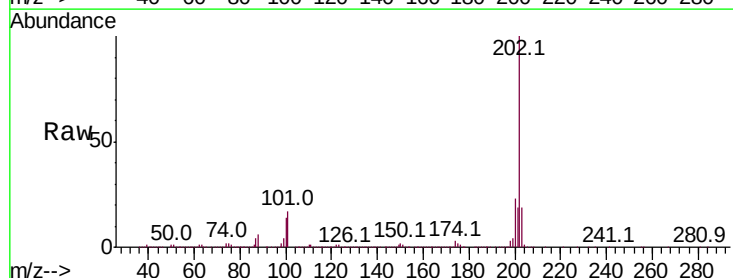
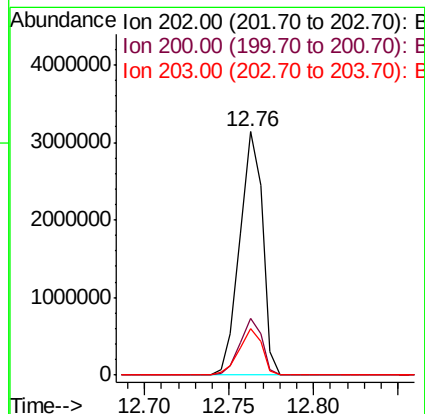
RT: 12.76 min Scan# 1815

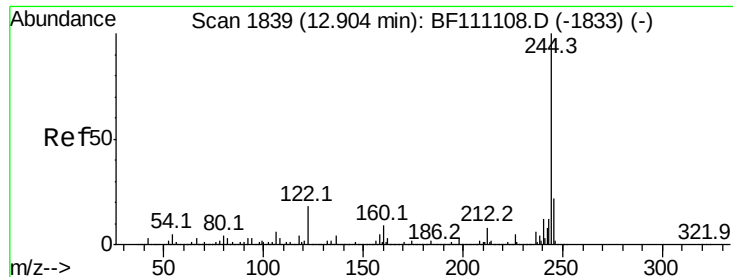
Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Tgt Ion:	202	Resp:	2939601
Ion Ratio	Lower	Upper	
202	100		
200	23.5	19.3	28.9
203	19.2	15.4	23.2





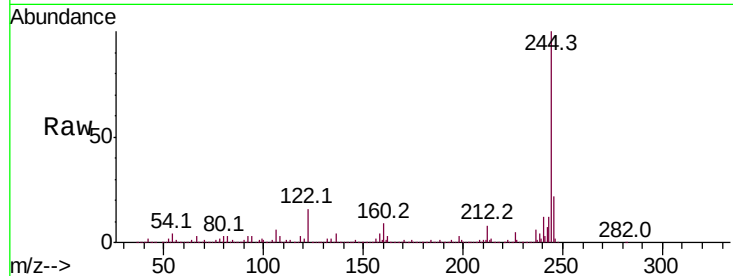
#79
Terphenyl-d14
Concen: 91.304 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	16.4	14.2	21.2

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM

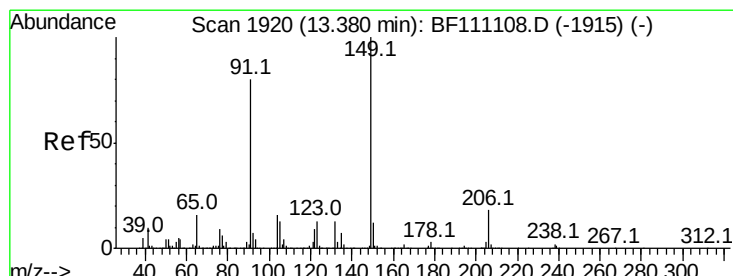
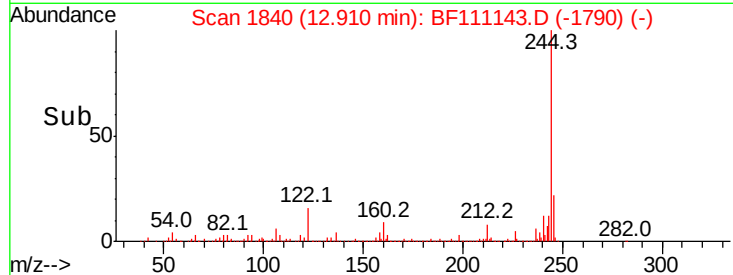
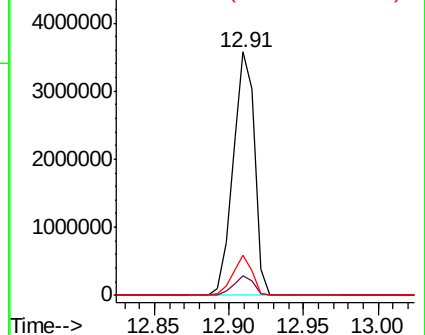


Abundance

Ion 244.00 (243.70 to 244.70): E

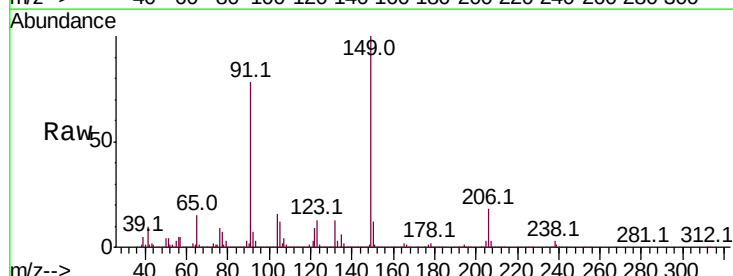
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
Butylbenzylphthalate
Concen: 44.920 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	64.0	96.0
206	18.0	14.1	21.1

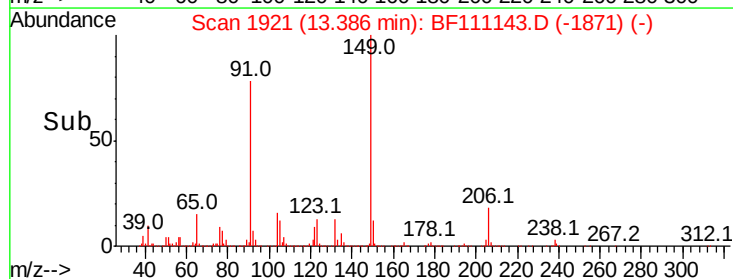
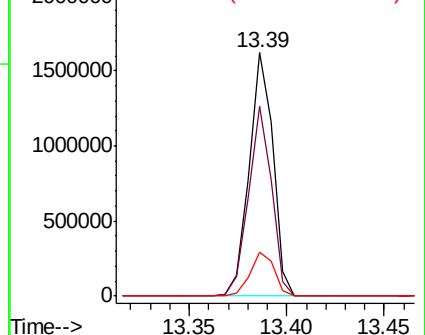


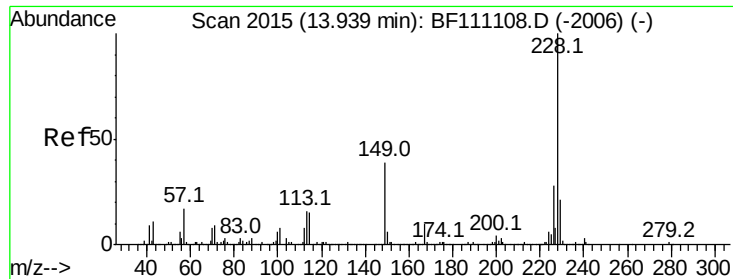
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





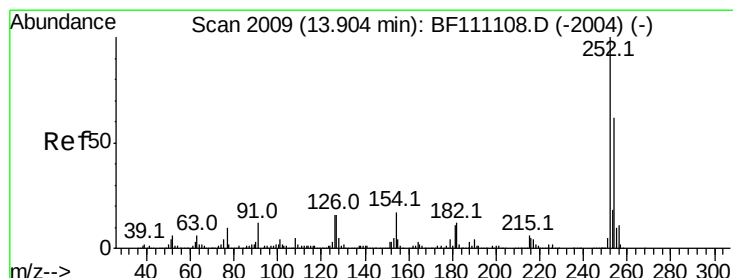
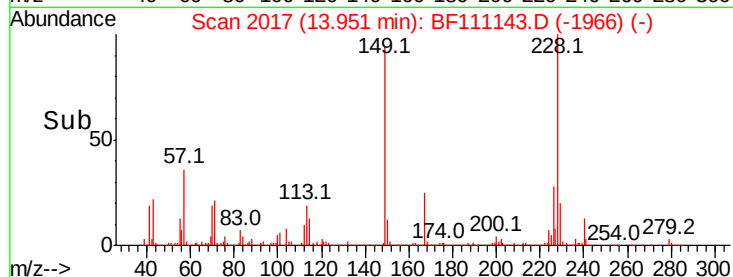
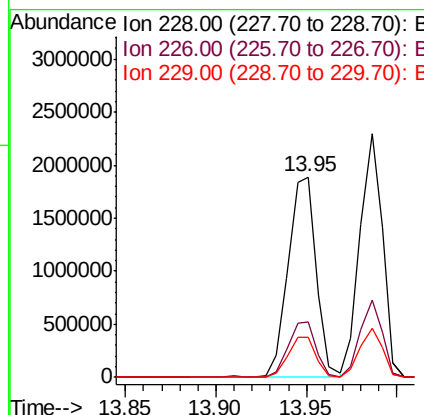
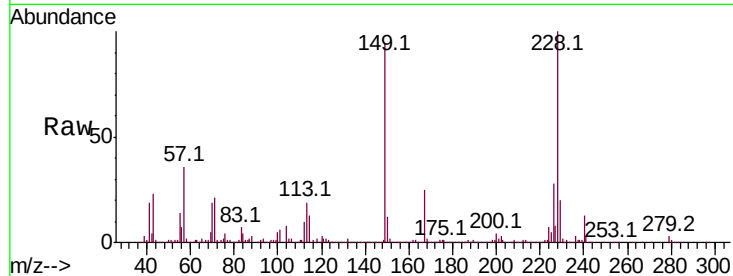
#81
 Benzo(a)anthracene
 Concen: 43.284 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tot Ion:228 Resp: 2053664
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.6 34.0
 229 20.0 16.7 25.1

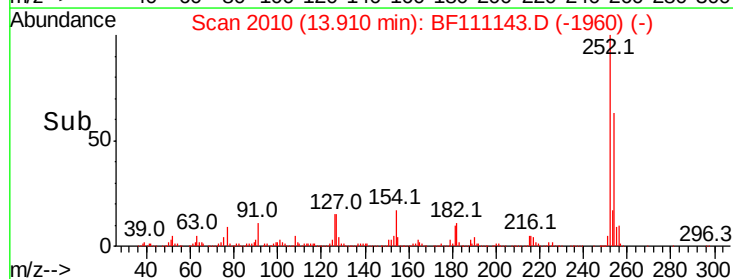
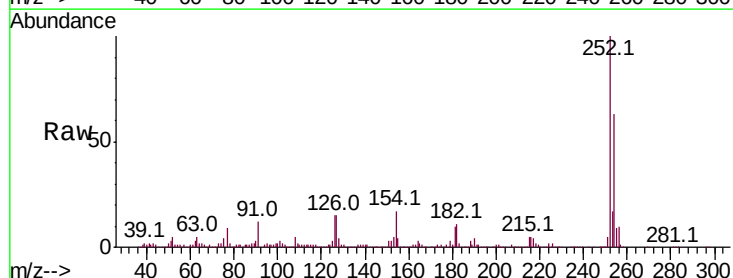
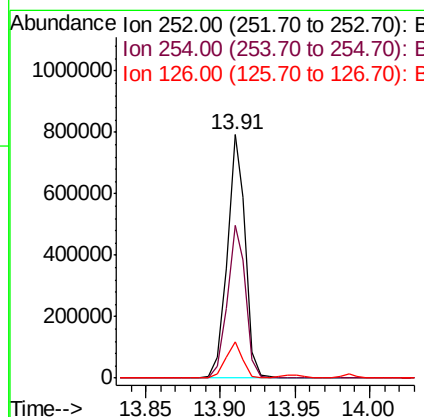
Manual Integrations
 APPROVED

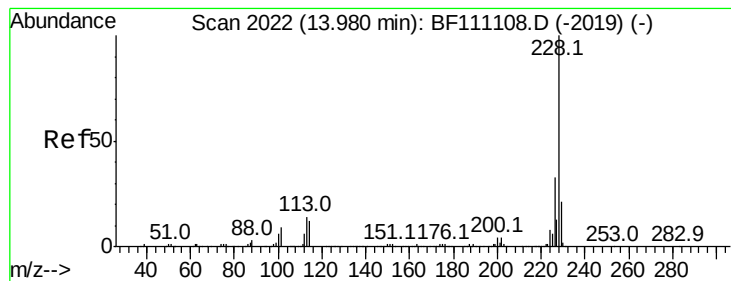
mohammad
 12/10/2018 12:18:59 PM



#82
 3,3'-Dichlorobenzidine
 Concen: 37.833 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF111143.D
 Acq: 6 Dec 2018 17:37

Tgt Ion:252 Resp: 677410
 Ion Ratio Lower Upper
 252 100
 254 62.7 49.8 74.8
 126 14.7 12.9 19.3





#83

Chrysene

Concen: 42.414 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tot Ion:228 Resp: 1997753

Ion Ratio Lower Upper

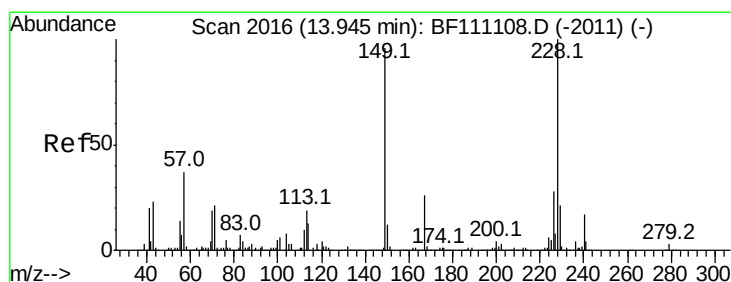
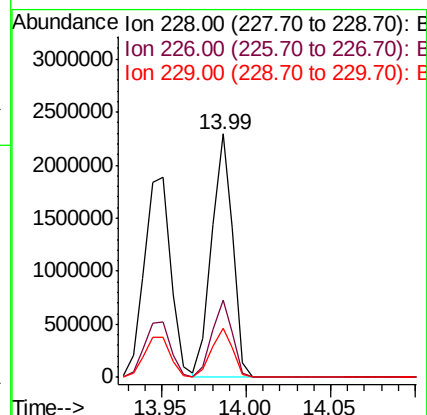
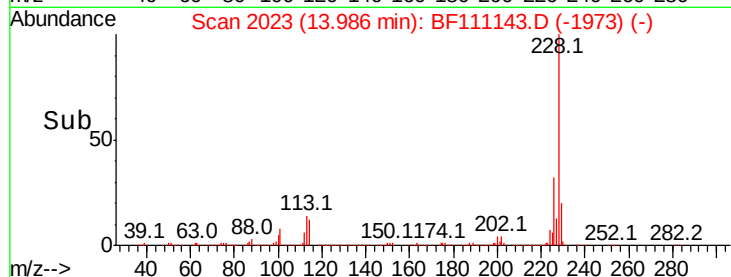
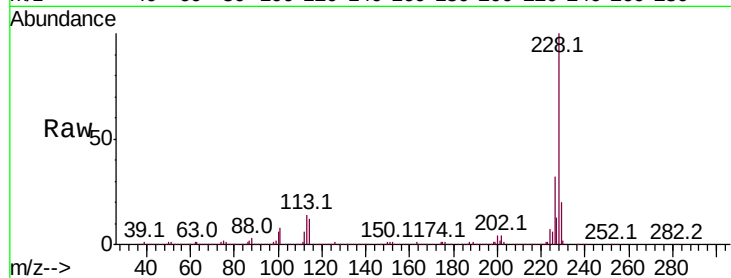
228 100

226 31.7 26.2 39.2

229 20.3 16.9 25.3

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.610 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111143.D

Acq: 6 Dec 2018 17:37

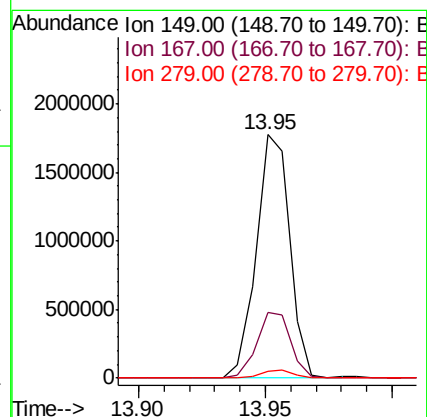
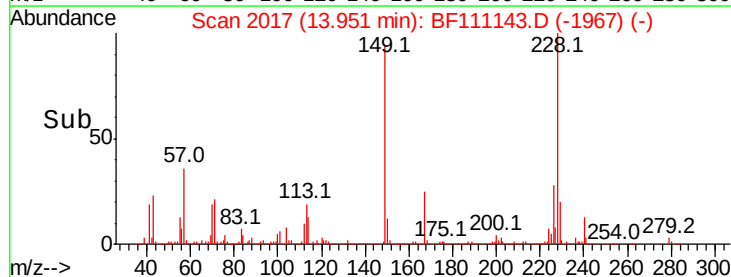
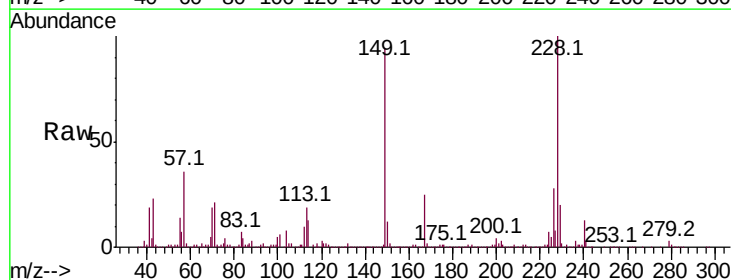
Tgt Ion:149 Resp: 1642242

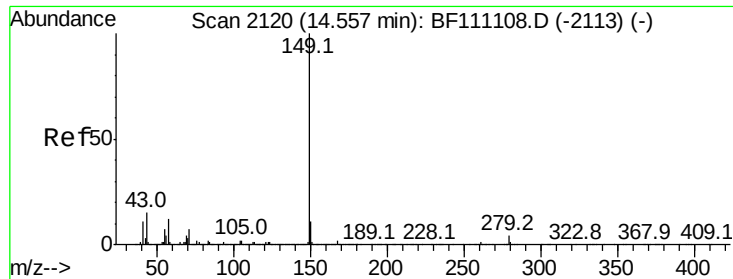
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 3.0 2.3 3.5





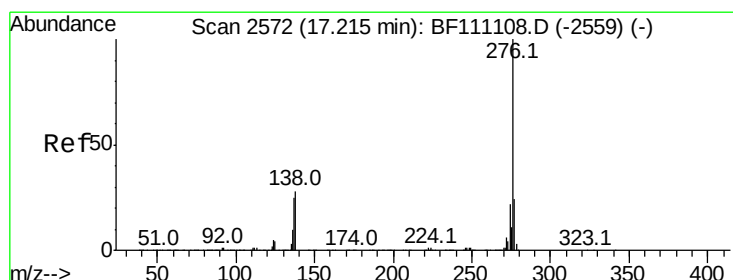
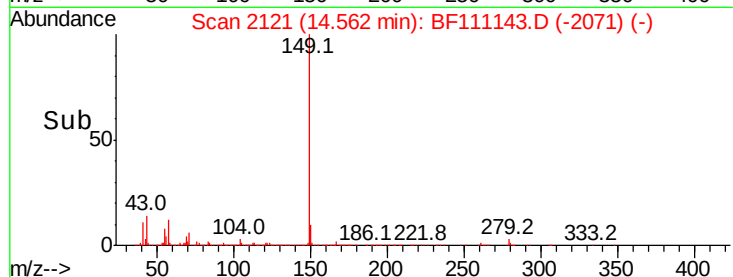
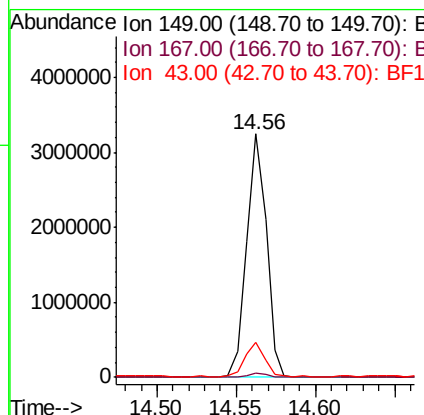
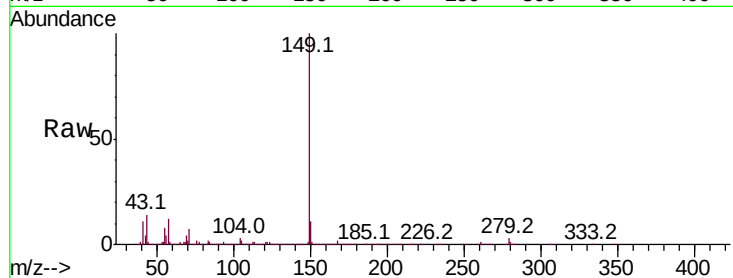
#85
Di-n-octyl phthalate
Concen: 48.389 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.8	11.9	17.9

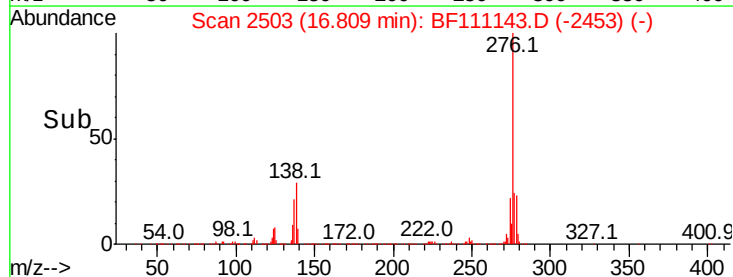
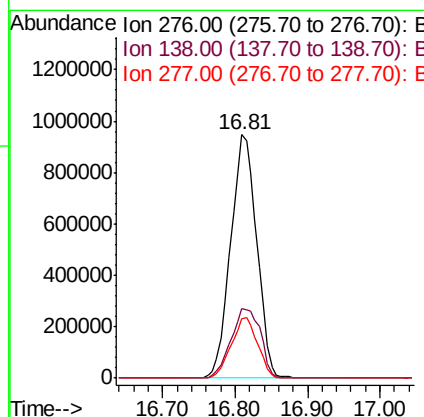
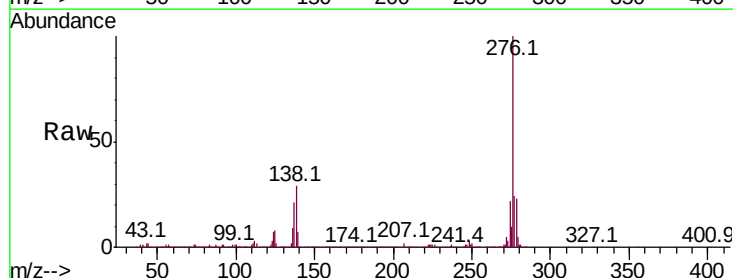
Manual Integrations
APPROVED

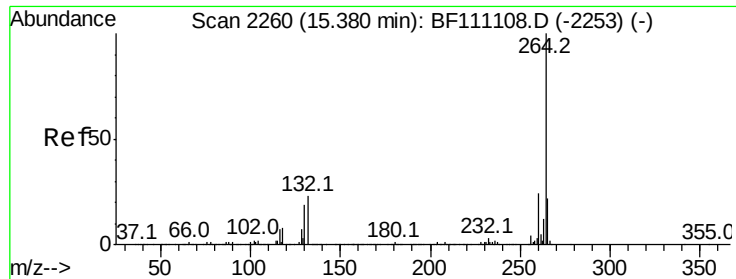
mohammad
12/10/2018 12:18:59 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 62.539 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	20.2	30.4#
277	25.2	15.8	23.6#





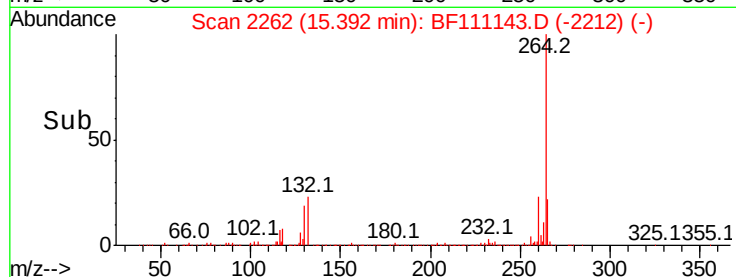
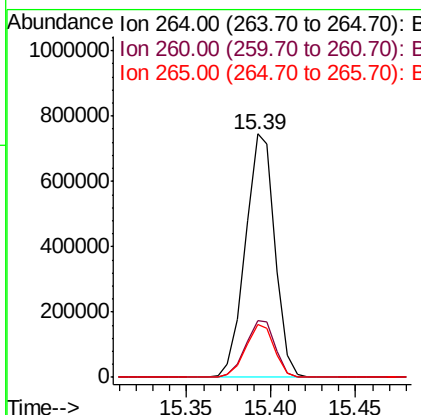
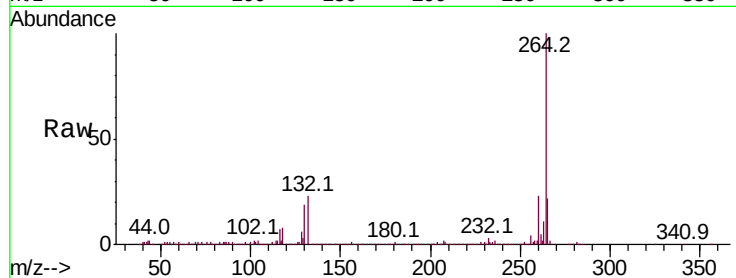
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.7	17.4	26.0

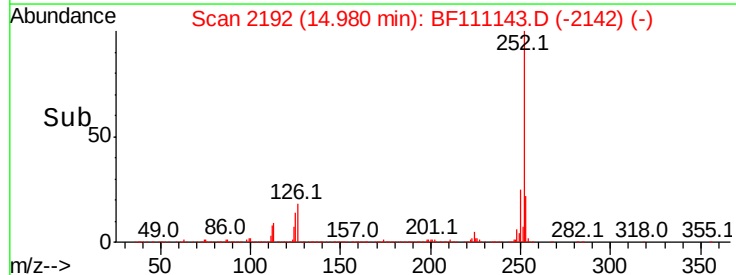
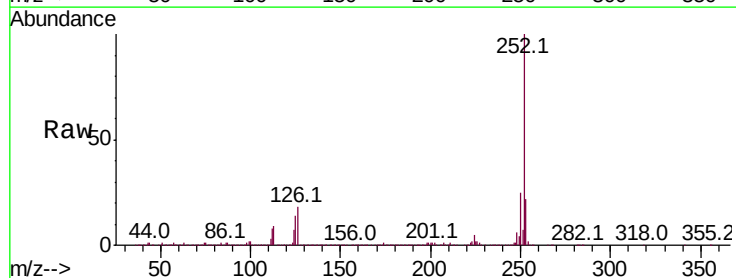
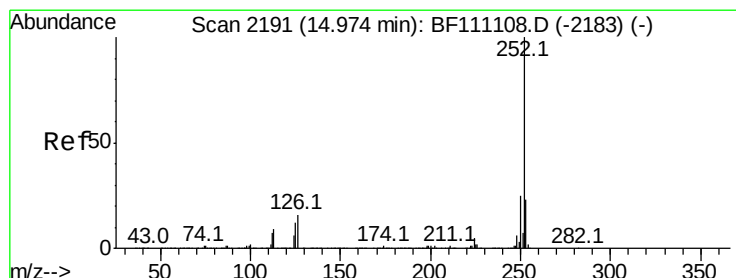
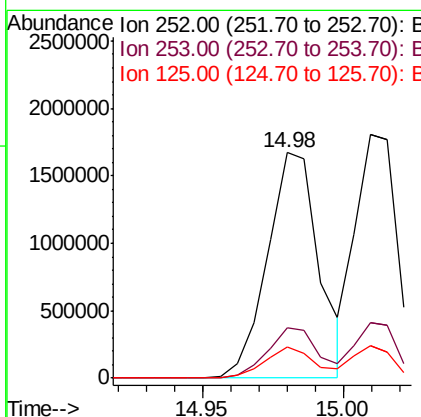
Manual Integrations
APPROVED

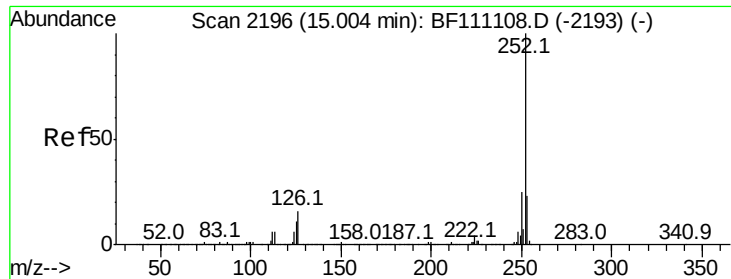
mohammad
12/10/2018 12:18:59 PM



#88
Benzo(b)fluoranthene
Concen: 41.329 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	14.0	9.9	14.9





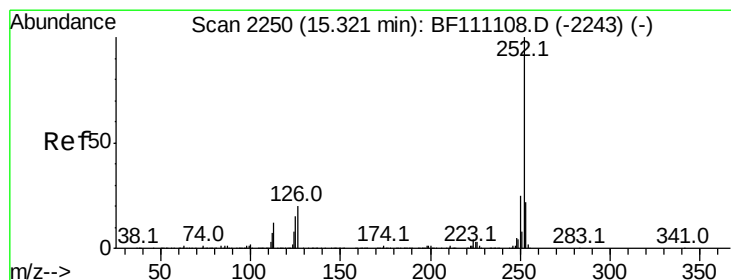
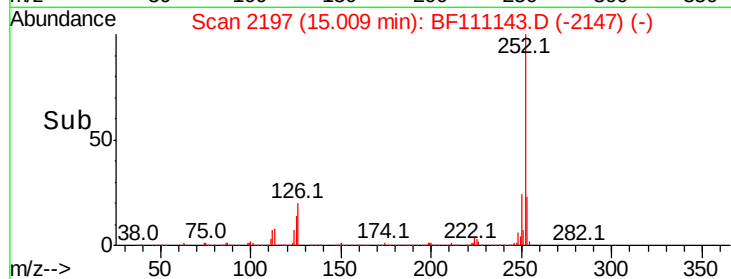
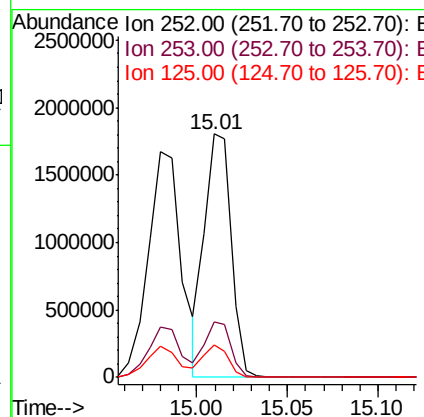
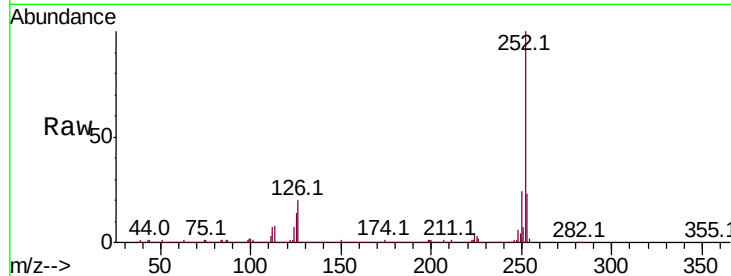
#89
Benzo(k)fluoranthene
Concen: 37.167 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	13.6	9.9	14.9

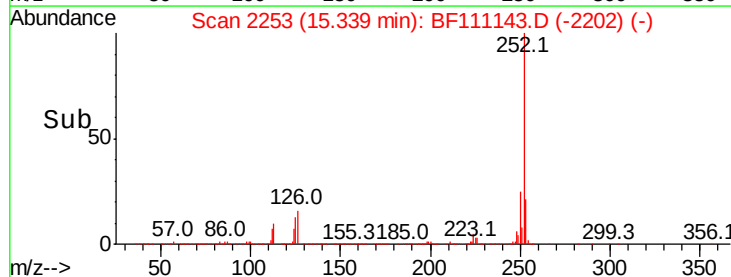
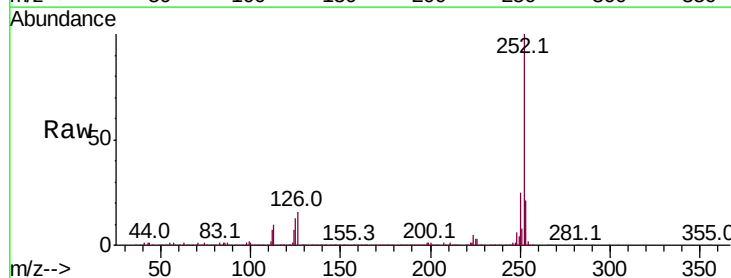
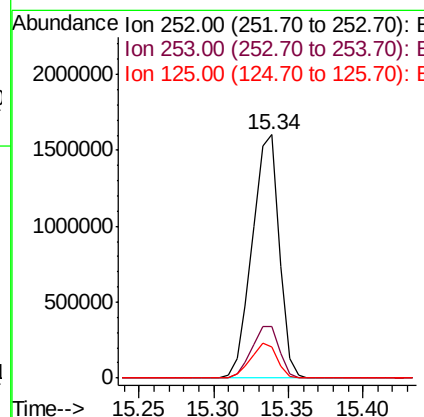
Manual Integrations
APPROVED

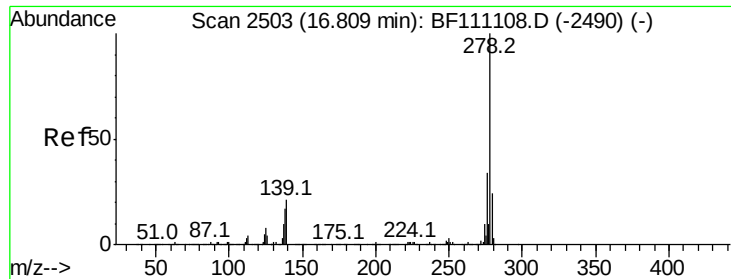
mohammad
12/10/2018 12:18:59 PM



#90
Benzo(a)pyrene
Concen: 42.336 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	12.9	12.4	18.6





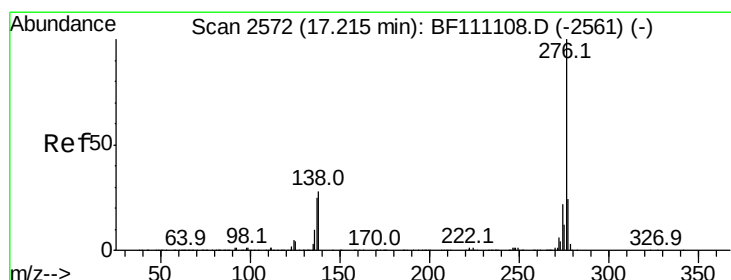
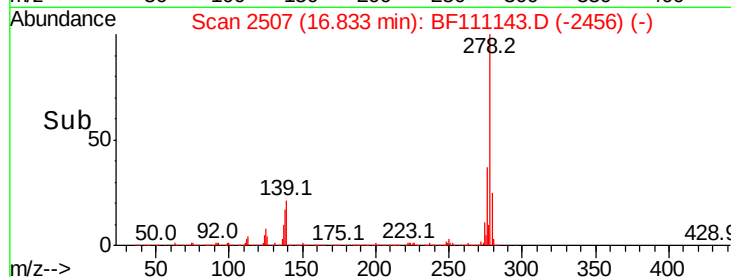
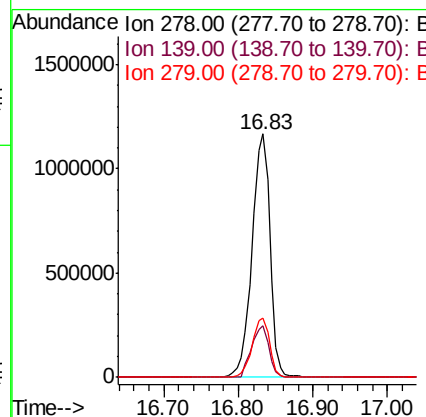
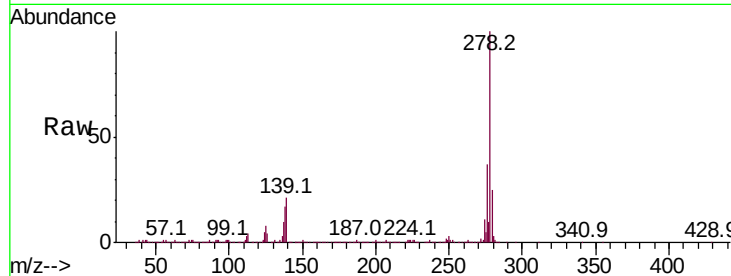
#91
Dibenzo(a,h)anthracene
Concen: 49.269 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	25.0
279	24.5	18.8	28.2

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:59 PM



#92
Benzo(g,h,i)perylene
Concen: 49.007 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF111143.D
Acq: 6 Dec 2018 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	29.1	22.3	33.5

