

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111141.D
 Acq On : 6 Dec 2018 16:38
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:18:56 PM

Quant Time: Dec 07 11:32:11 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	572422	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2369860	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	1131447	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1916520	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1288284	20.00	ng	0.00
87) Perylene-d12	15.40	264	1081763	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2683084	73.14	ng	0.00
7) Phenol-d6	6.44	99	3464685	73.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	3219178	80.42	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	731459	81.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4898353	79.15	ng	0.00
79) Terphenyl-d14	12.92	244	4313936	68.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	770107	36.498	ng	99
3) Pyridine	3.28	79	1700684	36.342	ng	97
4) n-Nitrosodimethylamine	3.21	42	848540	36.827	ng	95
6) Aniline	6.47	93	2346155	37.162	ng	99
8) 2-Chlorophenol	6.59	128	1595610	37.738	ng	97
9) Benzaldehyde	6.35	77	977134	37.881	ng	97
10) Phenol	6.45	94	1911899m	37.107	ng	
11) bis(2-Chloroethyl)ether	6.55	93	1567034	37.212	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1692642	37.642	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1699231	37.550	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1591221	37.801	ng	98
15) Benzyl Alcohol	6.95	79	1431093	38.223	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	3045767	37.181	ng	100
17) 2-Methylphenol	7.06	107	1315993	37.916	ng	98
18) Hexachloroethane	7.32	117	661015	38.939	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	1183810	37.278	ng	97
20) 3+4-Methylphenols	7.22	107	1569414	37.074	ng	95
22) Acetophenone	7.22	105	2100883	36.684	ng	# 96
24) Nitrobenzene	7.39	77	1693485	39.325	ng	99
25) Isophorone	7.63	82	2752819	37.472	ng	98
26) 2-Nitrophenol	7.70	139	820811	45.109	ng	96
27) 2,4-Dimethylphenol	7.75	122	1282757	37.432	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	1861352	37.428	ng	99
29) 2,4-Dichlorophenol	7.95	162	1310128	38.834	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1321550	38.810	ng	99
31) Naphthalene	8.12	128	3976645	38.541	ng	99
32) Benzoic acid	7.86	122	972152	43.019	ng	98
33) 4-Chloroaniline	8.16	127	1876300	37.619	ng	99
34) Hexachlorobutadiene	8.24	225	726053	39.235	ng	99
35) Caprolactam	8.53	113	470697	38.000	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	1400923	37.911	ng	98
37) 2-Methylnaphthalene	8.80	142	2668684	37.496	ng	99
38) 1-Methylnaphthalene	8.90	142	2577568	37.669	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1146953	38.035	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111141.D
 Acq On : 6 Dec 2018 16:38
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040

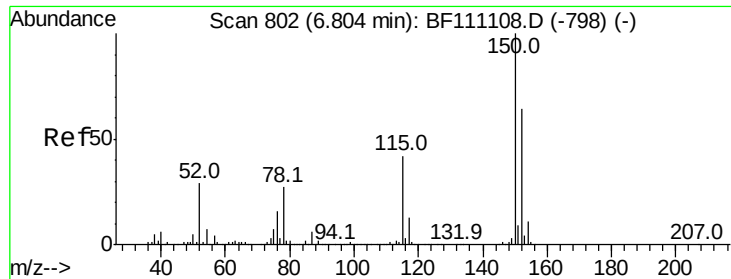
Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:18:56 PM

Quant Time: Dec 07 11:32:11 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	630213	39.634	nq	97
43) 2,4,6-Trichlorophenol	9.08	196	840360	38.156	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	882325	39.520	nq	99
46) 1,1'-Biphenyl	9.27	154	3382087	36.515	nq	98
47) 2-Chloronaphthalene	9.29	162	2671911	37.123	nq	100
48) 2-Nitroaniline	9.38	65	941664	40.372	nq	97
49) Acenaphthylene	9.71	152	3817071	37.941	nq	100
50) Dimethylphthalate	9.57	163	2939518	37.330	nq	100
51) 2,6-Dinitrotoluene	9.63	165	691427	41.415	nq	99
52) Acenaphthene	9.88	154	2480910	37.327	nq	98
53) 3-Nitroaniline	9.79	138	856907	40.862	nq	97
54) 2,4-Dinitrophenol	9.89	184	229086	46.336	nq	# 82
55) Dibenzofuran	10.05	168	3497788	38.208	nq	100
56) 4-Nitrophenol	9.95	139	642878	40.681	nq	91
57) 2,4-Dinitrotoluene	10.03	165	906948	42.063	nq	97
58) Fluorene	10.39	166	2463727	38.165	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	673112	40.395	nq	94
60) Diethylphthalate	10.27	149	2945426	37.429	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	1255538	39.465	nq	98
62) 4-Nitroaniline	10.40	138	791653	41.827	nq	98
63) Azobenzene	10.55	77	3059350	36.516	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	377786	47.713	nq	96
66) n-Nitrosodiphenylamine	10.50	169	2486429	37.051	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	785154	38.701	nq	97
68) Hexachlorobenzene	10.95	284	800524	38.590	nq	98
69) Atrazine	11.03	200	642564	36.383	nq	98
70) Pentachlorophenol	11.13	266	556157	40.768	nq	97
71) Phenanthrene	11.35	178	3514348	38.122	nq	99
72) Anthracene	11.40	178	3524270	37.926	nq	100
73) Carbazole	11.56	167	3638071	37.625	nq	99
74) Di-n-butylphthalate	11.89	149	4148048	36.648	nq	99
75) Fluoranthene	12.54	202	3454612	38.296	nq	97
77) Benzdine	12.65	184	1296015	30.382	nq	99
78) Pyrene	12.77	202	3576636	35.636	nq	99
80) Butylbenzylphthalate	13.39	149	1859197	38.345	nq	92
81) Benzo(a)anthracene	13.95	228	2740266	36.304	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	1084925	38.087	nq	96
83) Chrysene	13.99	228	2758763	36.817	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	2257442	38.546	nq	97
85) Di-n-octyl phthalate	14.57	149	3750702	40.739	nq	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2140469	35.578	nq	# 87
88) Benzo(b)fluoranthene	14.99	252	2317291	37.804	nq	99
89) Benzo(k)fluoranthene	15.02	252	2308521	38.957	nq	100
90) Benzo(a)pyrene	15.34	252	2122451	37.749	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1789653	37.930	nq	100
92) Benzo(g,h,i)perylene	17.24	276	1782277	37.590	nq	97

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



#1

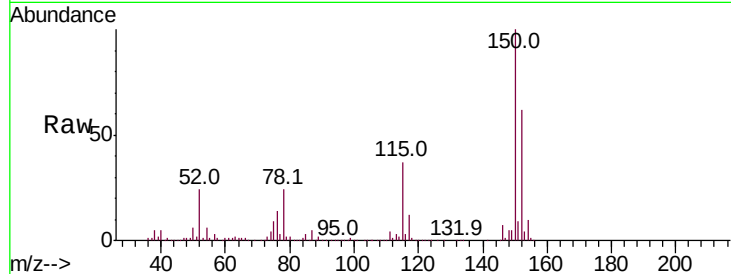
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	187.0
115	60.6	52.2	78.2

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

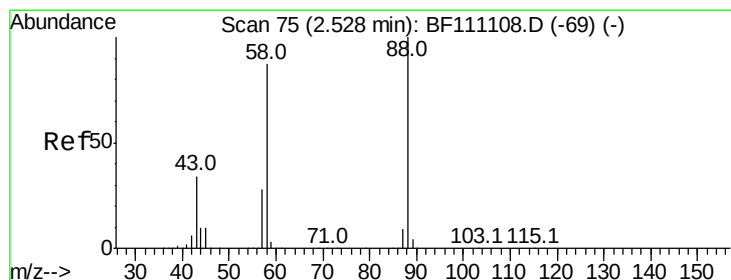
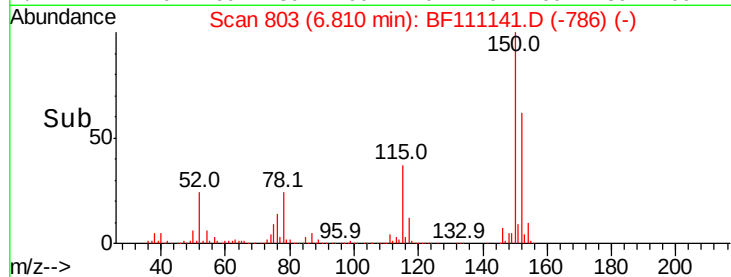
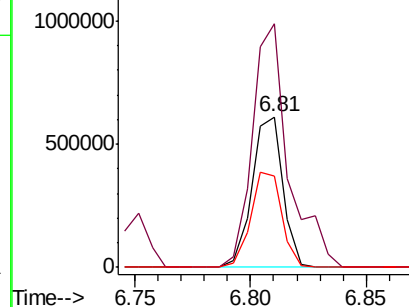


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

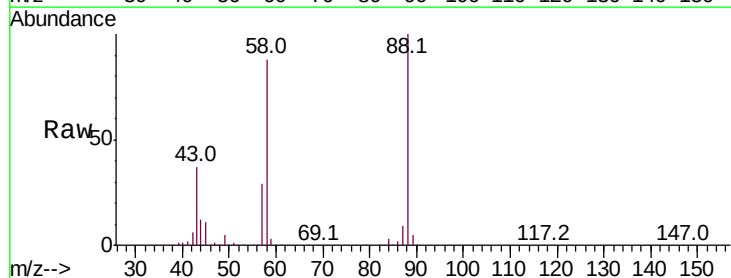
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.498 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	70.8	106.2
43	36.7	28.3	42.5

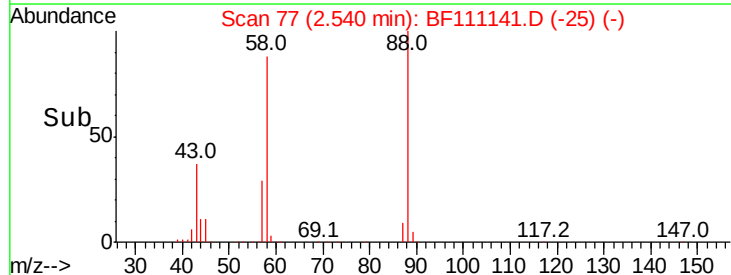
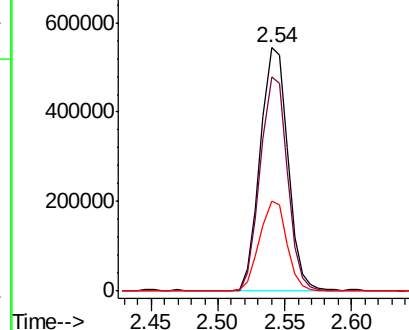


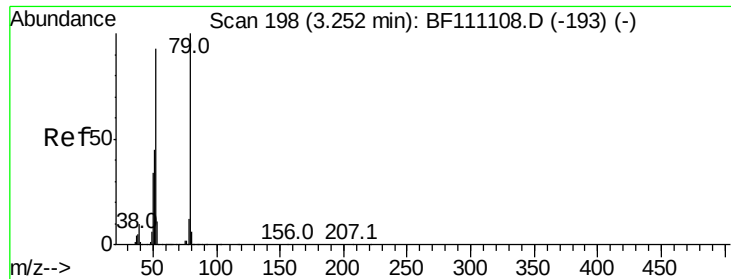
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3
 Pvridine
 Concen: 36.342 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

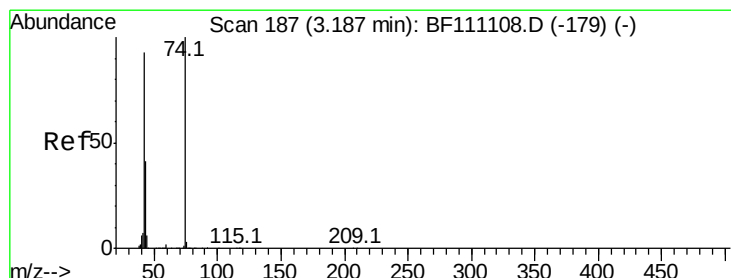
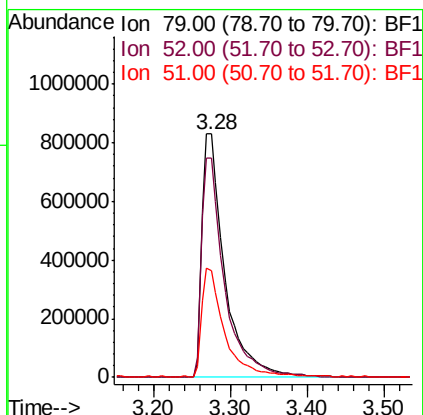
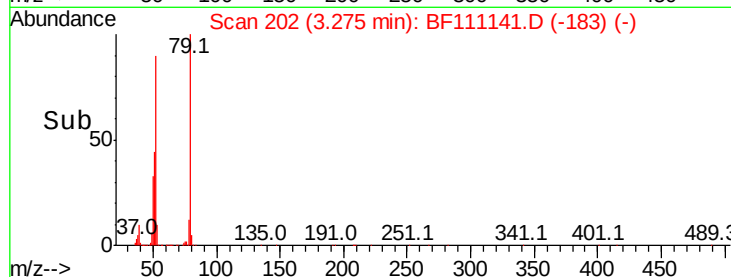
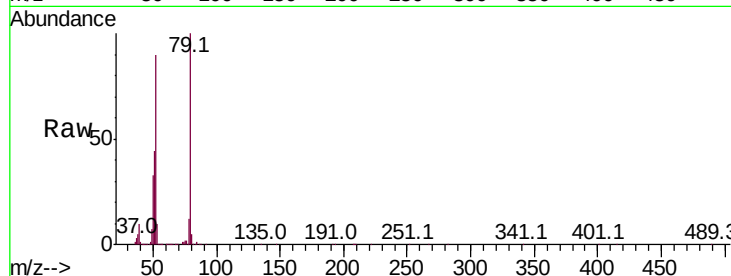
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 1700684

Ion	Ratio	Lower	Upper
79	100		
52	90.2	74.7	112.1
51	44.0	35.9	53.9

Manual Integrations
 APPROVED

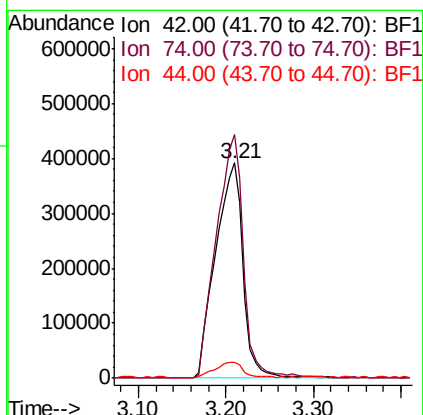
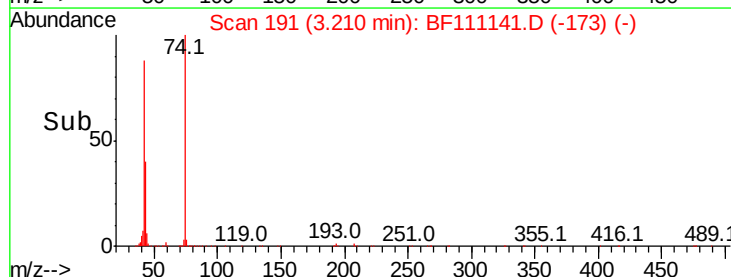
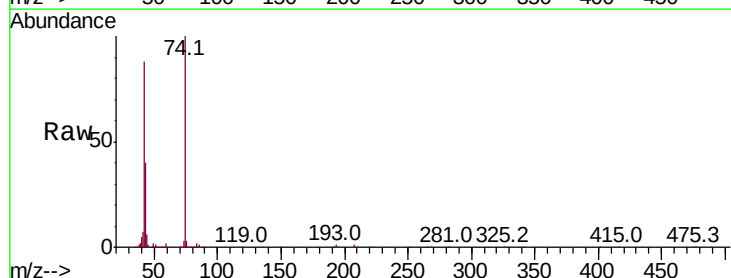
mohammad
 12/10/2018 12:18:56 PM

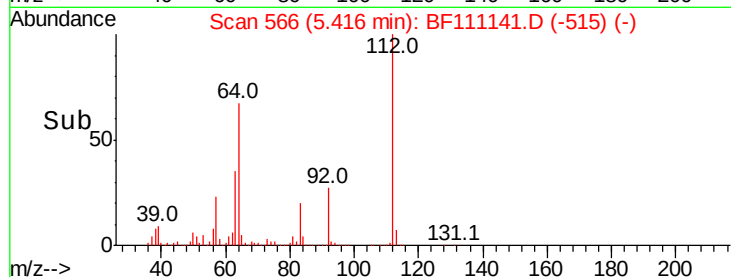
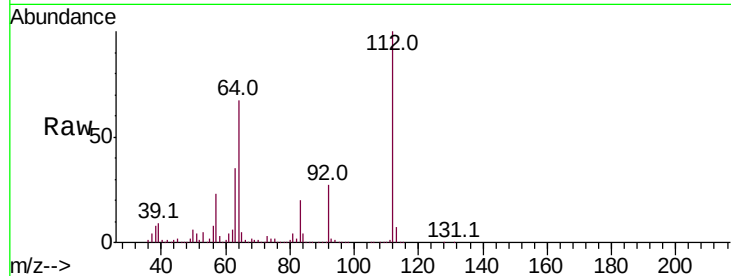
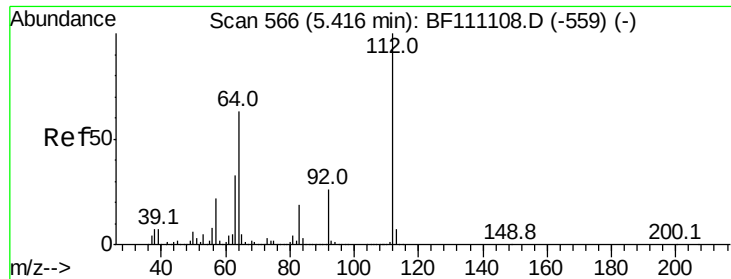


#4
 n-Nitrosodimethylamine
 Concen: 36.827 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion: 42 Resp: 848540

Ion	Ratio	Lower	Upper
42	100		
74	113.3	86.2	129.2
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 73.142 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tot Ion:	112	Resp:	2683084
Ion	Ratio	Lower	Upper
112	100		
64	66.5	50.2	75.4
63	35.4	26.6	39.8

Instrument :

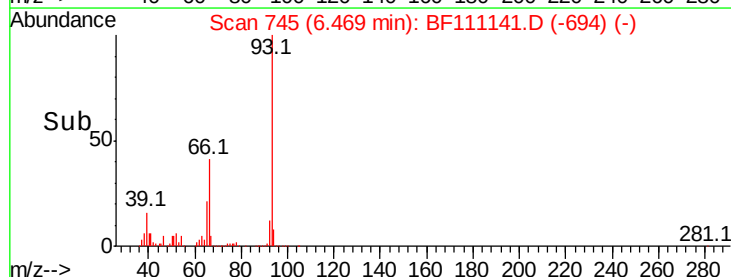
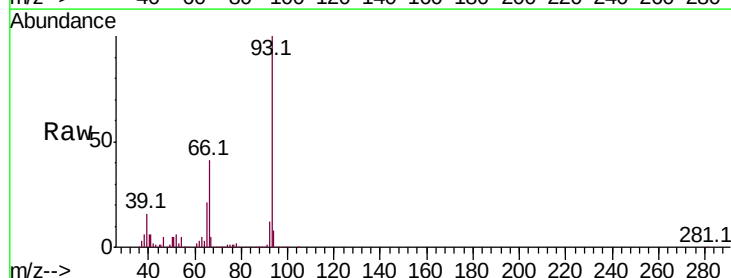
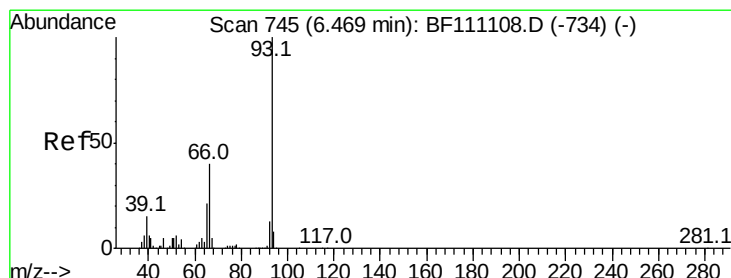
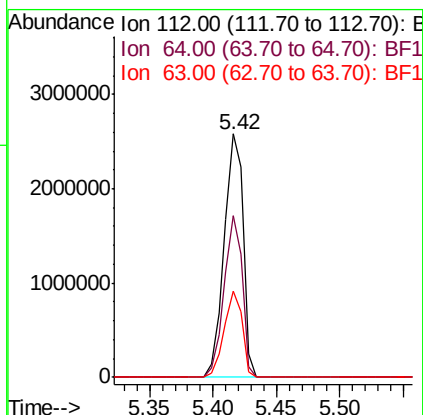
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM



#6

Aniline

Concen: 37.162 ng

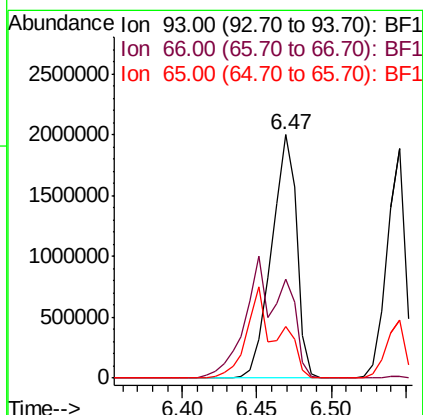
RT: 6.47 min Scan# 745

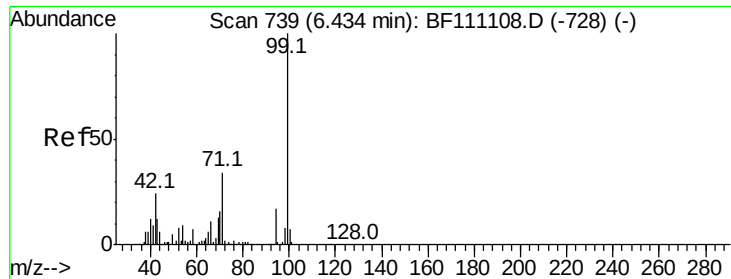
Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion:	93	Resp:	2346155
Ion	Ratio	Lower	Upper
93	100		
66	40.6	31.8	47.8
65	21.4	16.6	24.8





#7

Phenol-d6

Concen: 73.320 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 3464685

Ion Ratio Lower Upper

99 100

42 23.3 19.3 28.9

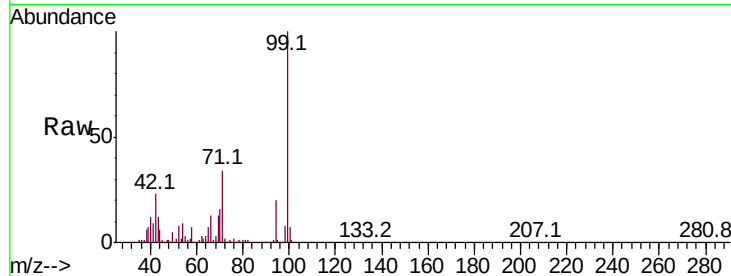
71 34.3 27.4 41.2

Manual Integrations

APPROVED

mohammad

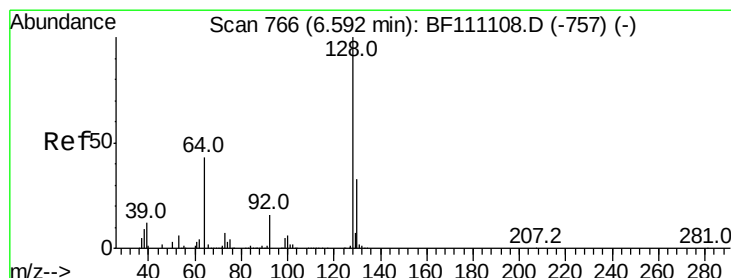
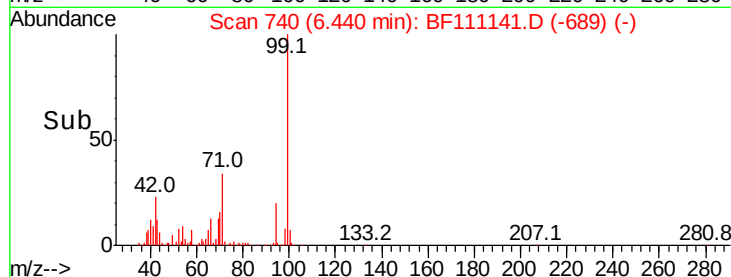
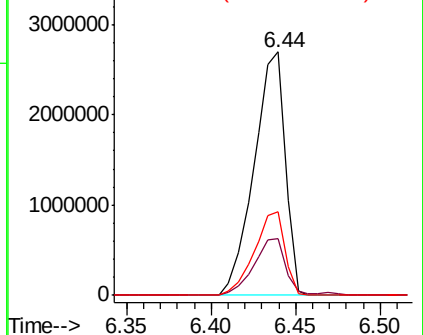
12/10/2018 12:18:56 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.738 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

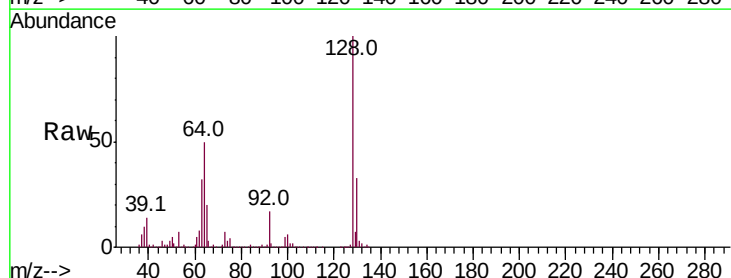
Tgt Ion:128 Resp: 1595610

Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

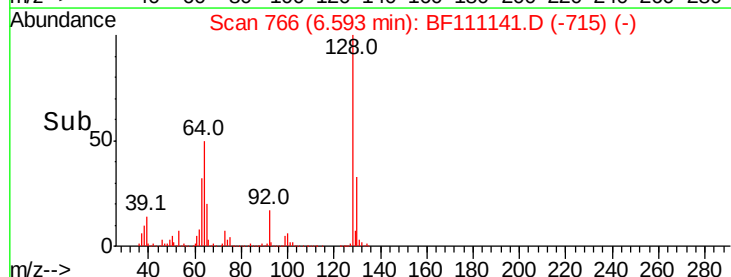
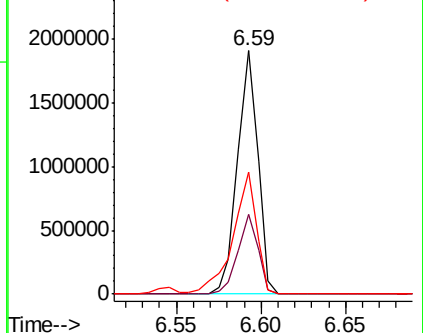
64 49.9 26.6 66.6

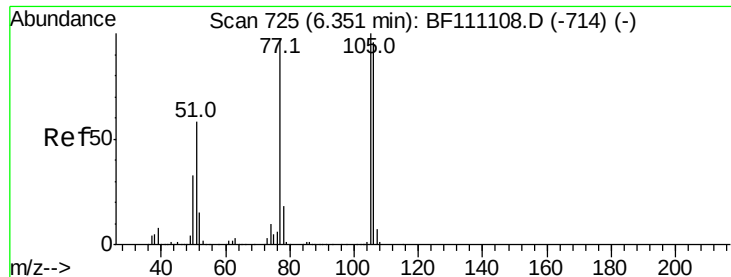


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.881 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

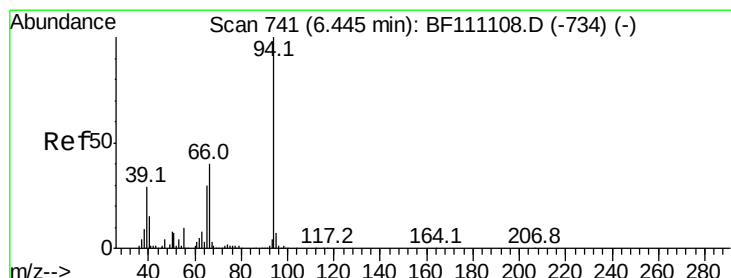
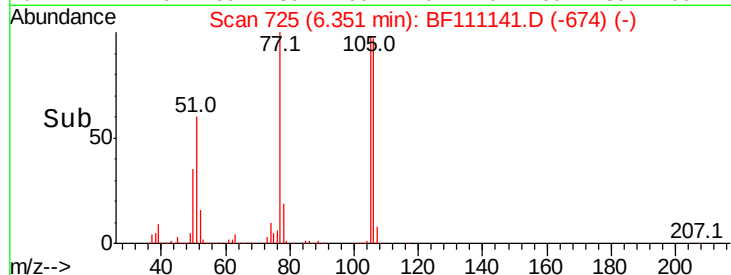
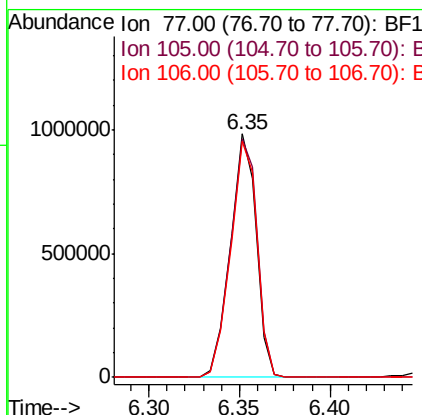
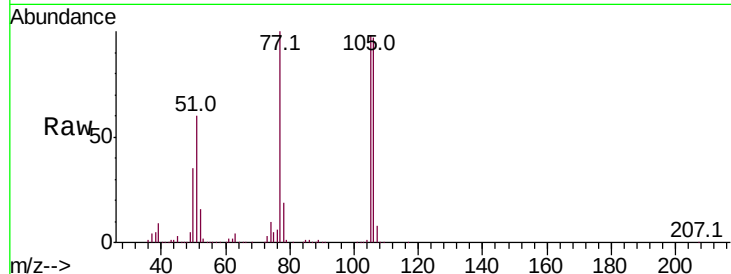
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	83.1	123.1
106	97.0	79.0	119.0

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM



#10

Phenol

Concen: 37.107 ng m

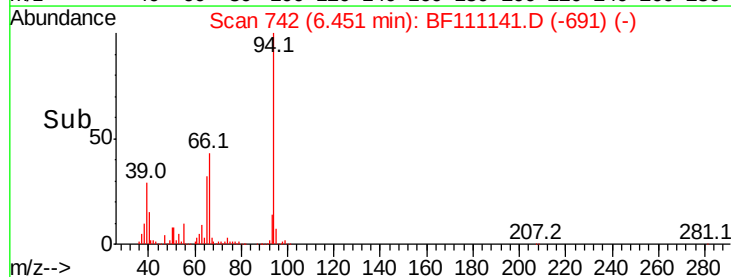
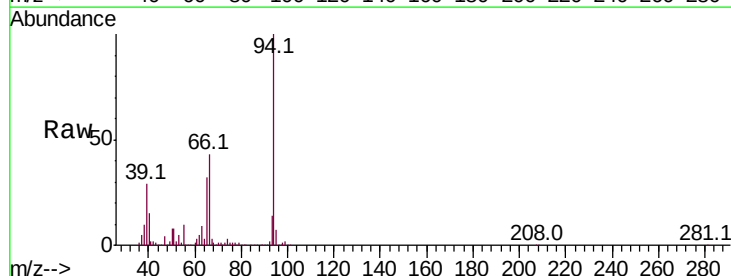
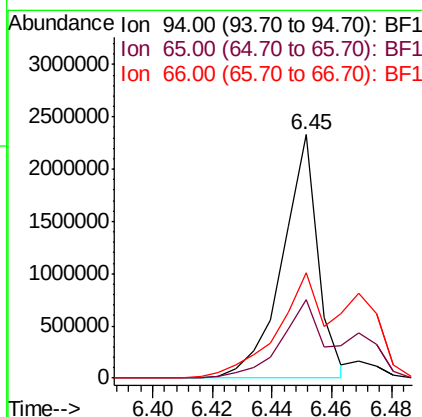
RT: 6.45 min Scan# 742

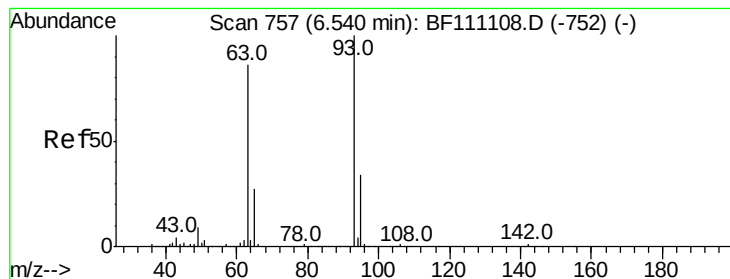
Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	10.5	50.5
66	43.2	19.8	59.8





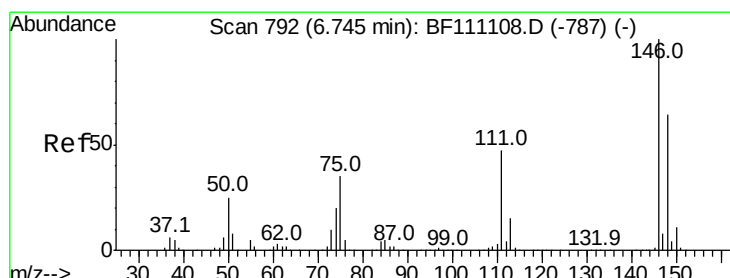
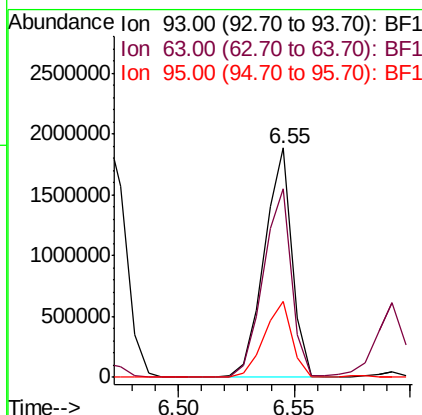
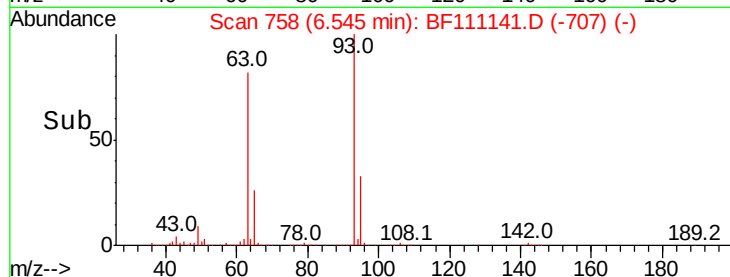
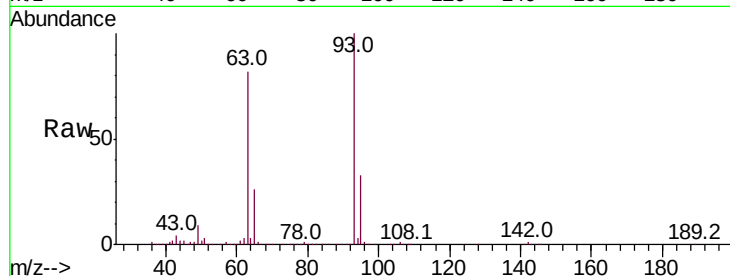
#11
bis(2-Chloroethyl)ether
Concen: 37.212 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 1567034
Ion Ratio Lower Upper
93 100
63 82.0 66.0 106.0
95 33.1 14.3 54.3

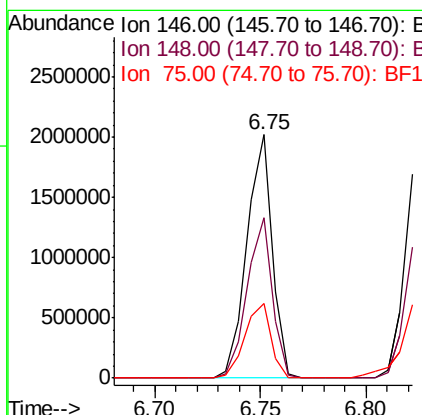
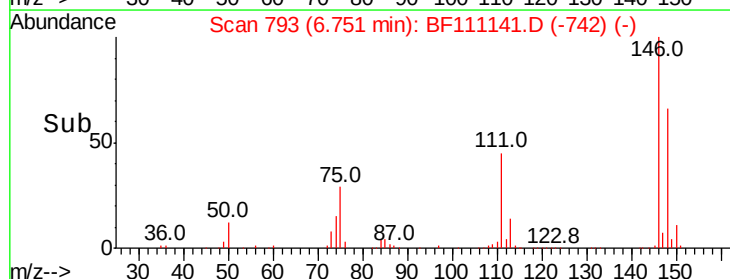
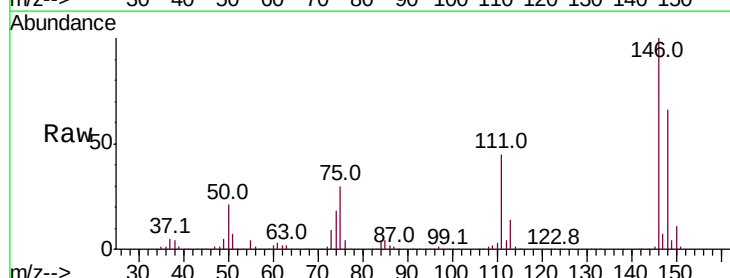
Manual Integrations
APPROVED

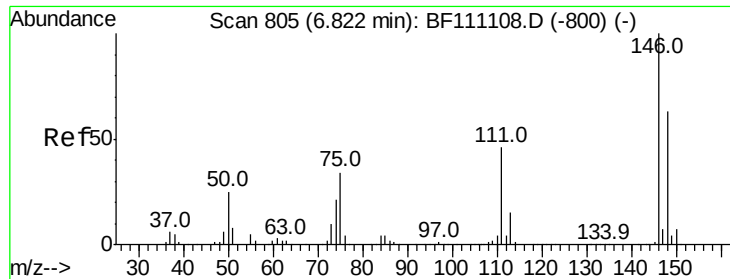
mohammad
12/10/2018 12:18:56 PM



#12
1,3-Dichlorobenzene
Concen: 37.642 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion: 146 Resp: 1692642
Ion Ratio Lower Upper
146 100
148 66.0 51.3 76.9
75 30.4 27.7 41.5





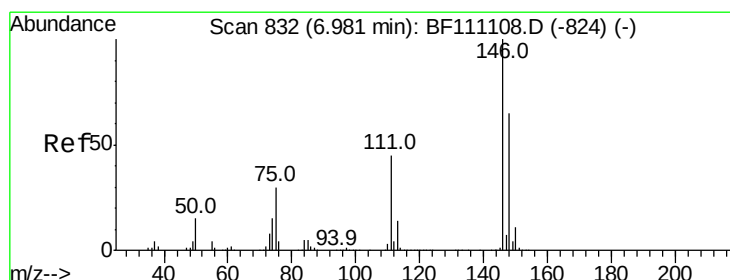
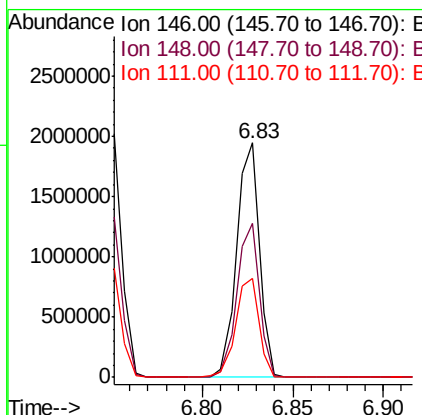
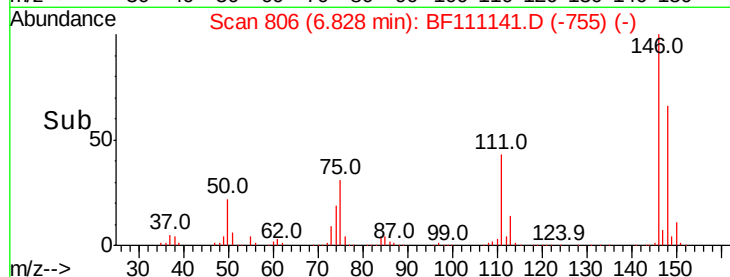
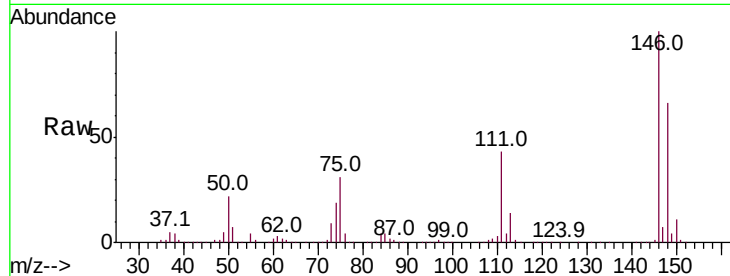
#13
 1,4-Dichlorobenzene
 Concen: 37.550 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 1699231
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.3 75.5
 111 42.5 36.6 55.0

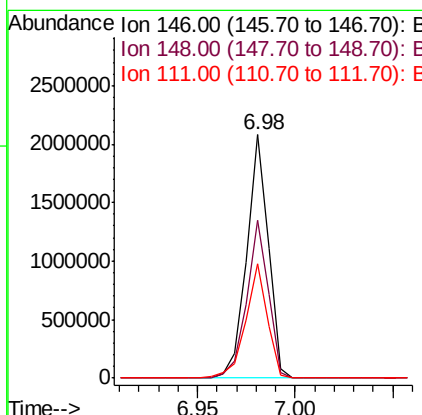
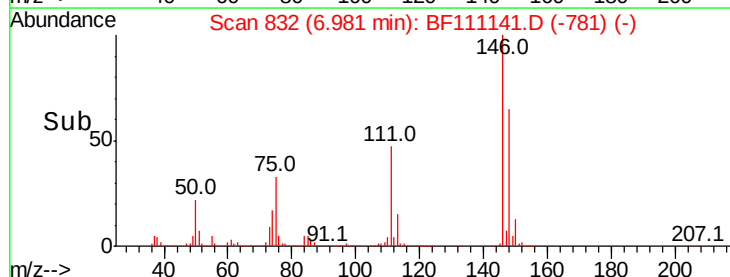
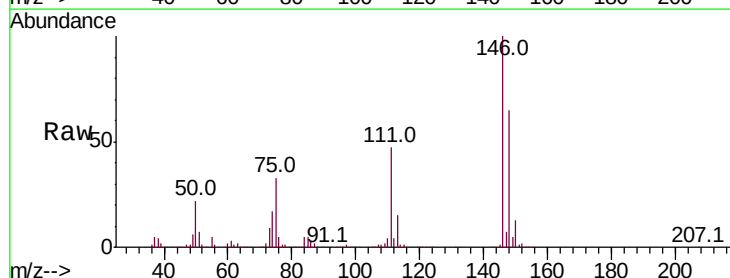
Manual Integrations
 APPROVED

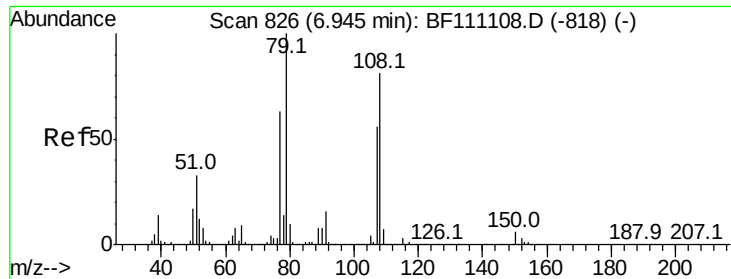
mohammad
 12/10/2018 12:18:56 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.801 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion:146 Resp: 1591221
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 111 47.2 35.7 53.5





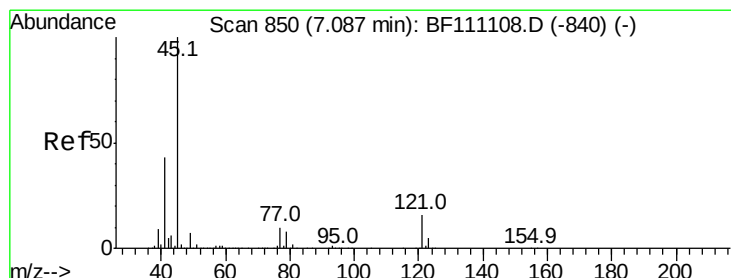
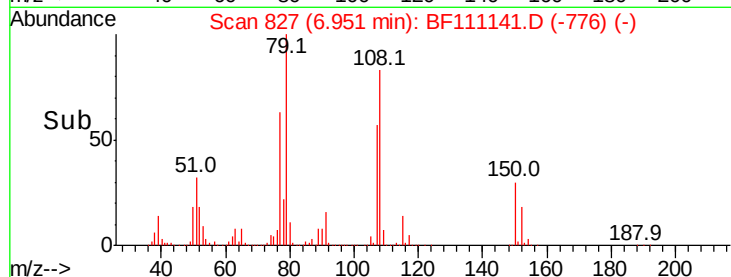
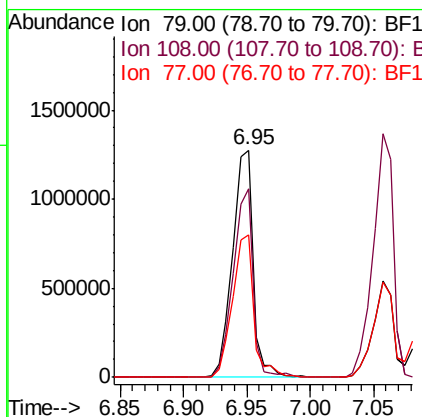
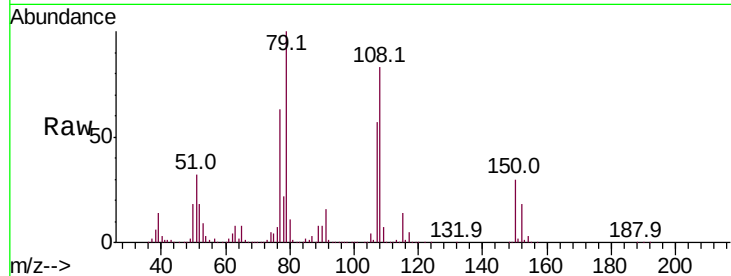
#15
Benzyl Alcohol
Concen: 38.223 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 1431093
Ion Ratio Lower Upper
79 100
108 82.8 64.5 96.7
77 62.9 50.5 75.7

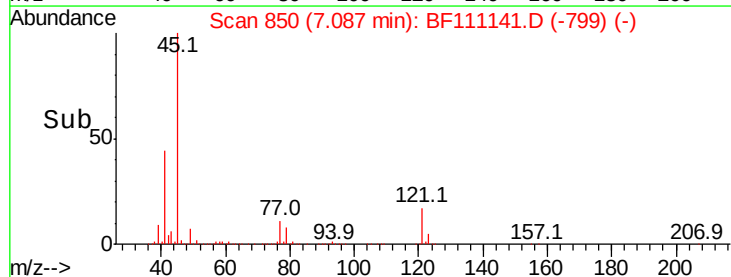
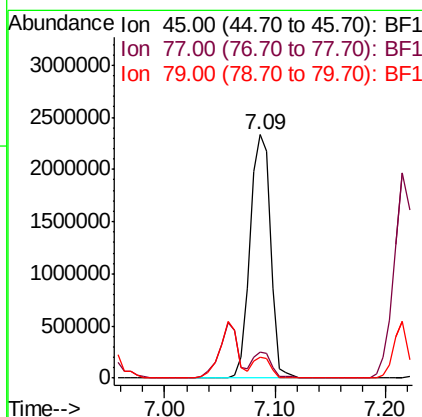
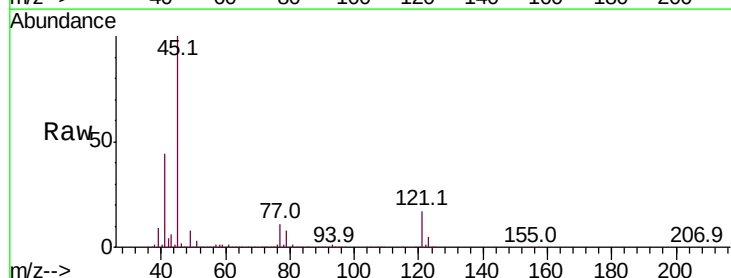
Manual Integrations
APPROVED

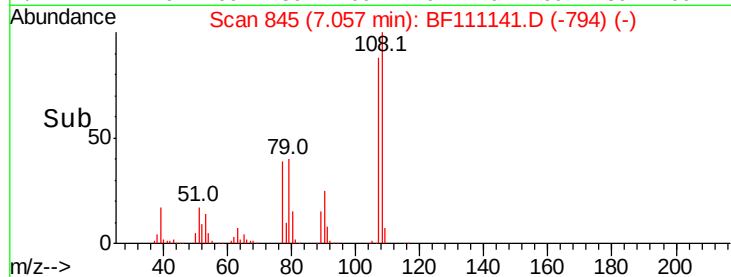
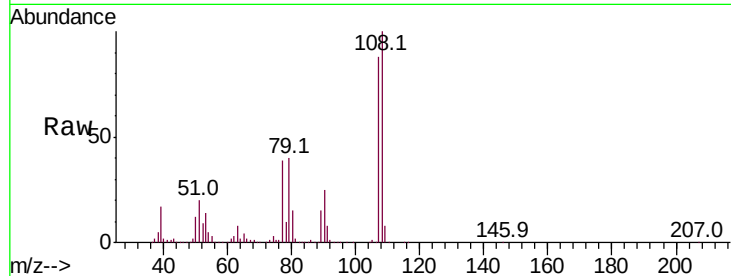
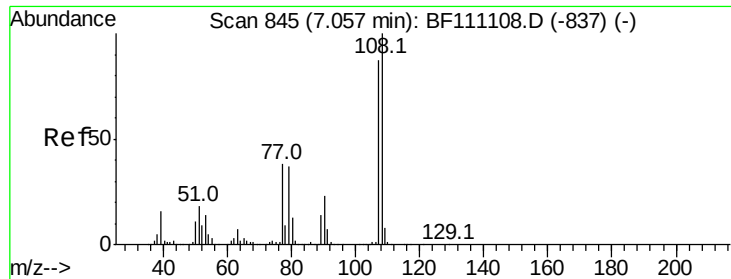
mohammad
12/10/2018 12:18:56 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.181 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion: 45 Resp: 3045767
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.6
79 8.5 0.0 28.4





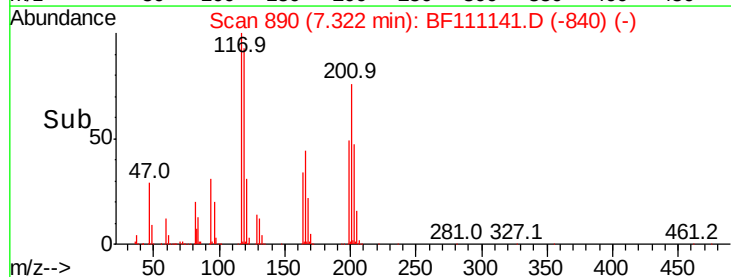
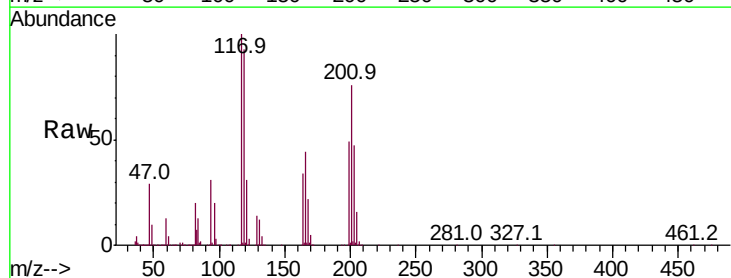
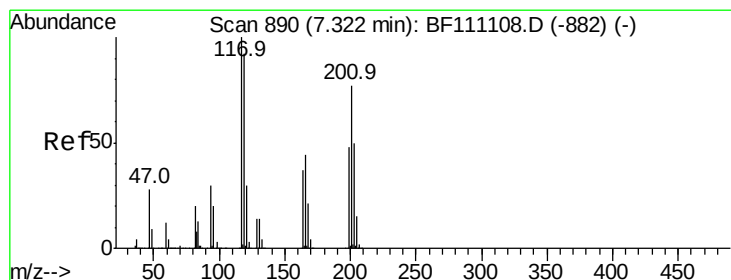
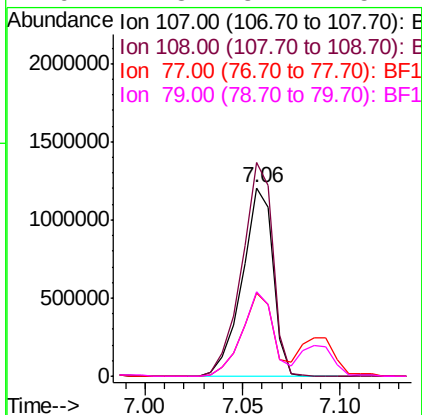
#17
2-Methylphenol
Concen: 37.916 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tot Ion:107 Resp: 1315993
Ion Ratio Lower Upper
107 100
108 113.4 91.8 137.8
77 44.1 34.7 52.1
79 44.8 34.2 51.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

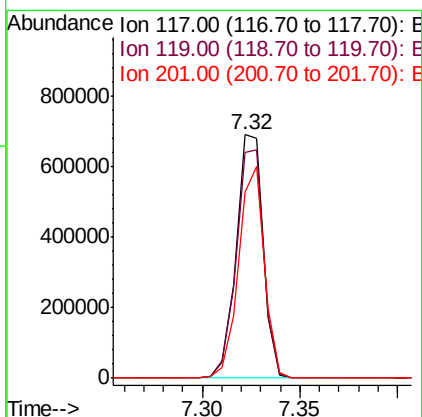
Manual Integrations
APPROVED

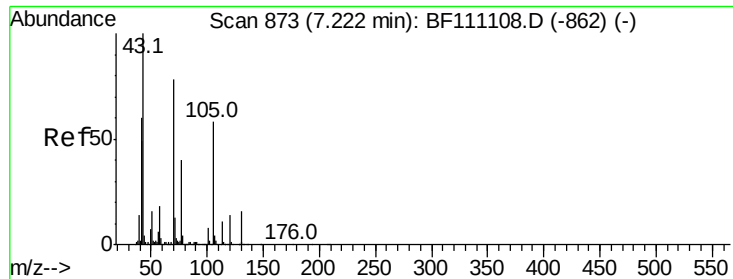
mohammad
12/10/2018 12:18:56 PM



#18
Hexachloroethane
Concen: 38.939 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:117 Resp: 661015
Ion Ratio Lower Upper
117 100
119 92.5 73.8 110.6
201 76.5 61.2 91.8





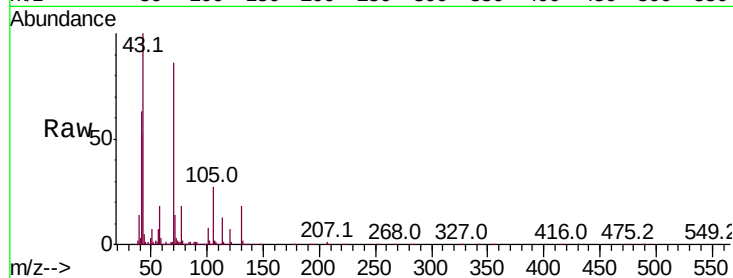
#19
n-Nitroso-di-n-propylamine
Concen: 37.278 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

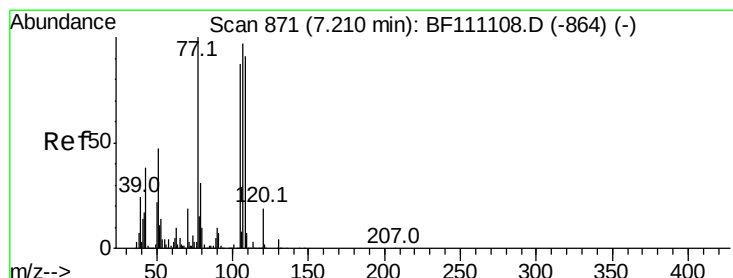
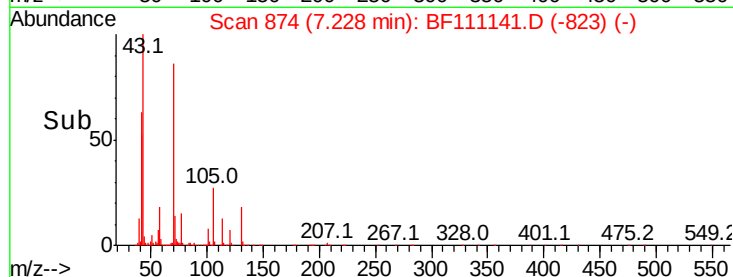
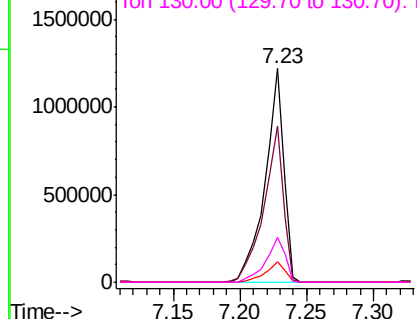
Tot Ion	Ratio	Lower	Upper
70	100		
42	73.1	61.3	91.9
101	9.8	7.7	11.5
130	20.9	16.3	24.5

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM



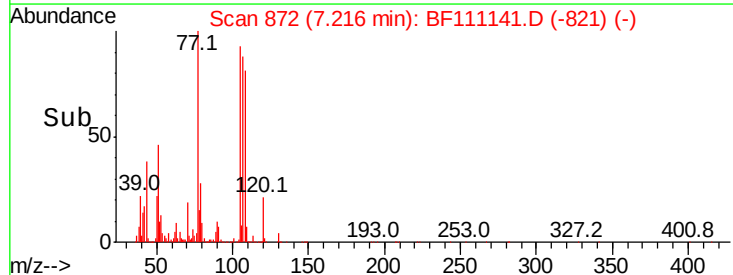
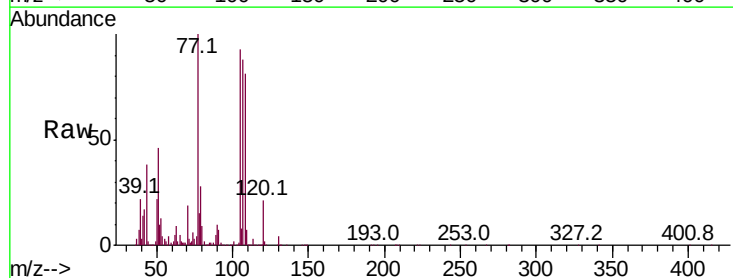
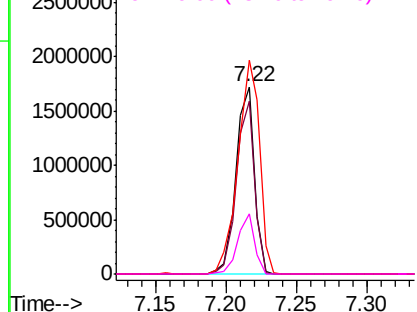
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

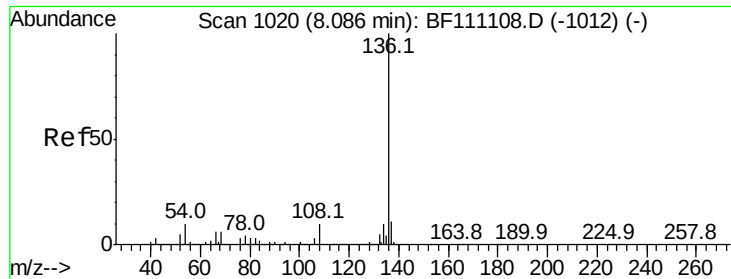


#20
3+4-Methylphenols
Concen: 37.074 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	74.0	114.0
77	114.0	83.2	123.2
79	31.9	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





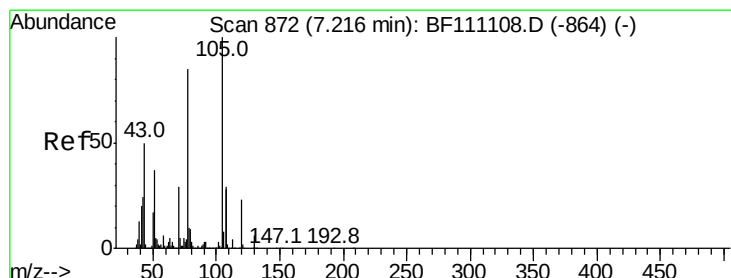
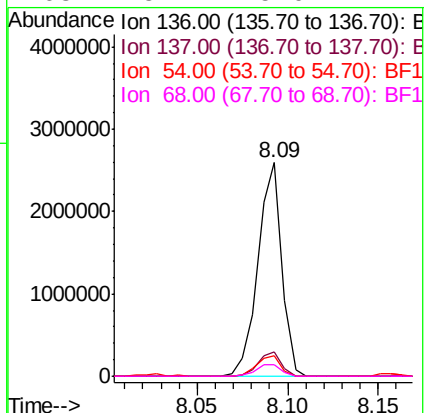
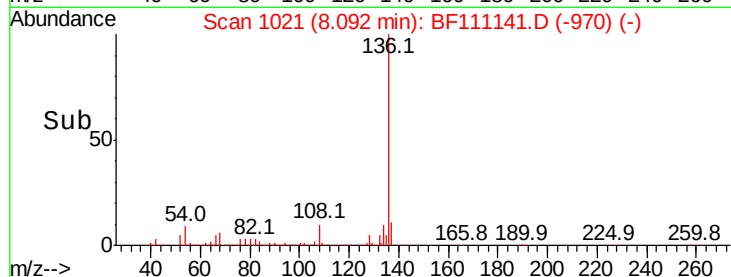
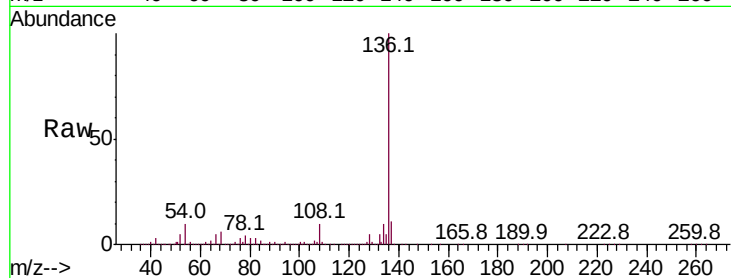
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.5	8.4	12.6
68	5.7	5.0	7.4

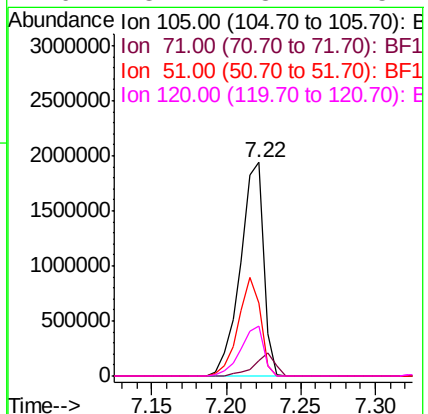
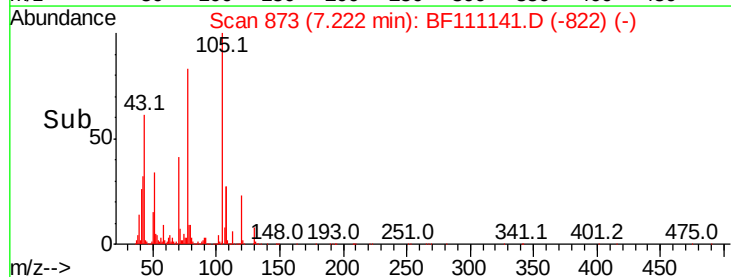
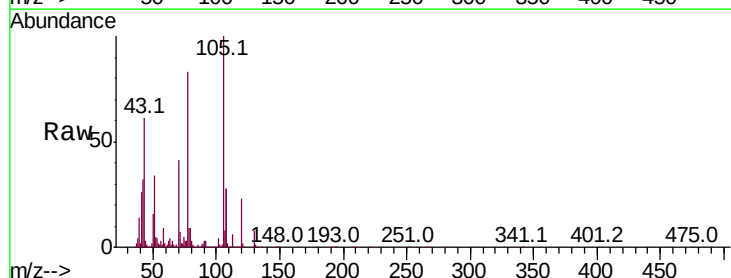
Manual Integrations
APPROVED

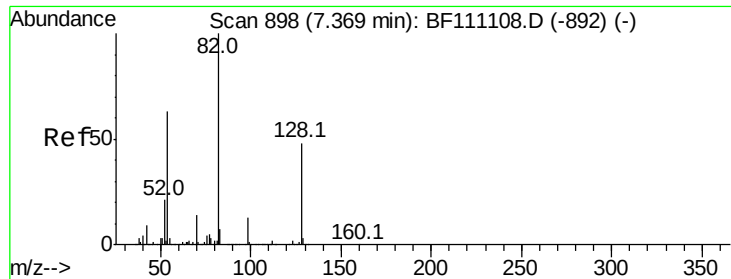
mohammad
12/10/2018 12:18:56 PM



#22
Acetophenone
Concen: 36.684 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.0	6.0#
51	33.9	29.8	44.8
120	23.4	18.7	28.1





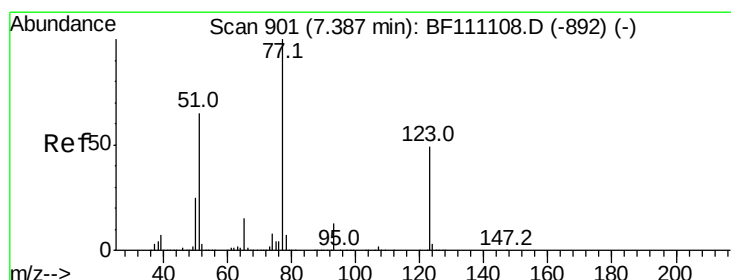
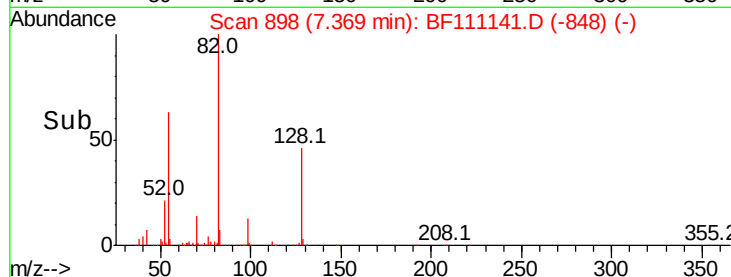
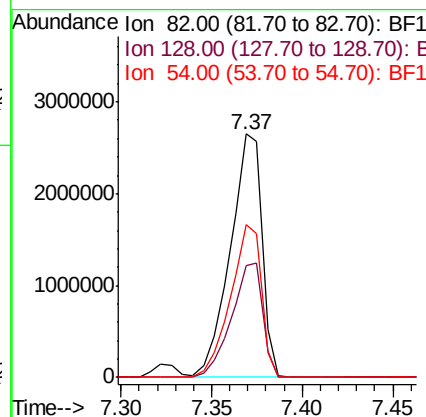
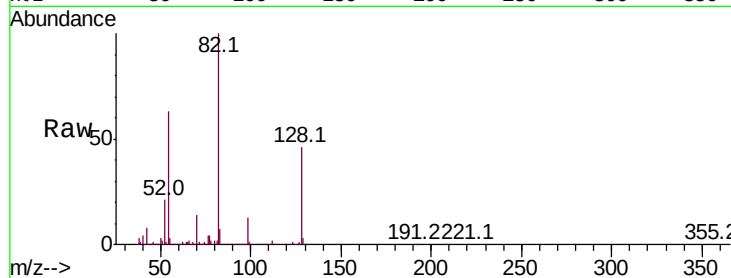
#23
Nitrobenzene-d5
Concen: 80.421 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 3219178
Ion Ratio Lower Upper
82 100
128 45.9 38.1 57.1
54 62.7 50.3 75.5

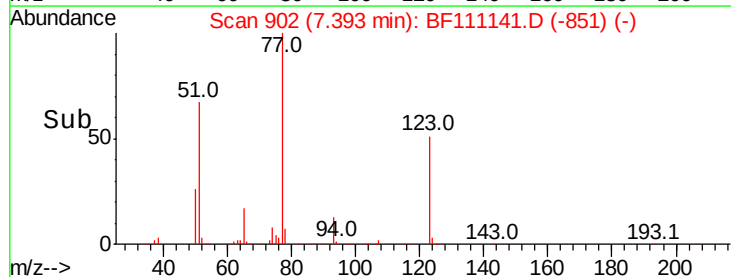
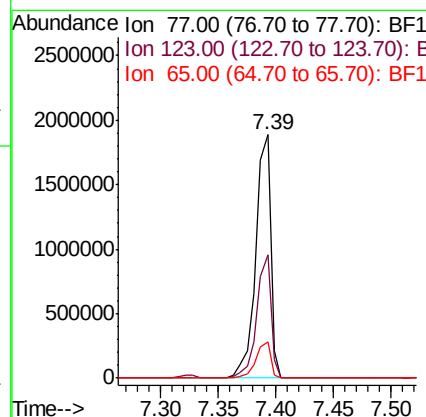
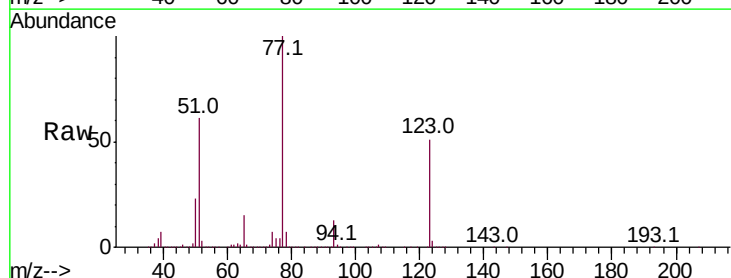
Manual Integrations
APPROVED

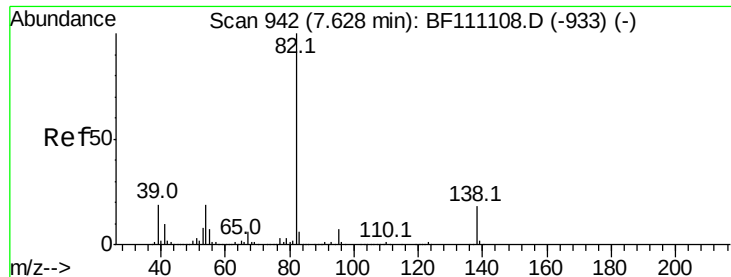
mohammad
12/10/2018 12:18:56 PM



#24
Nitrobenzene
Concen: 39.325 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion: 77 Resp: 1693485
Ion Ratio Lower Upper
77 100
123 50.7 39.5 59.3
65 14.6 11.8 17.6





#25

Isophorone

Concen: 37.472 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2752819

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

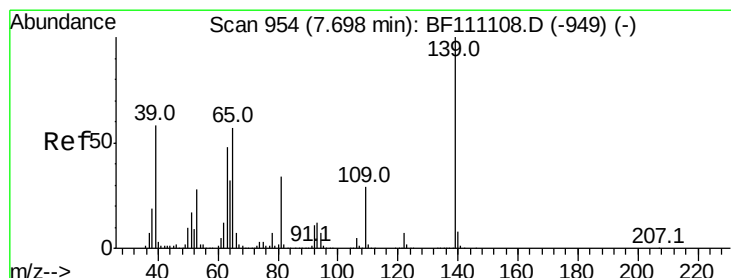
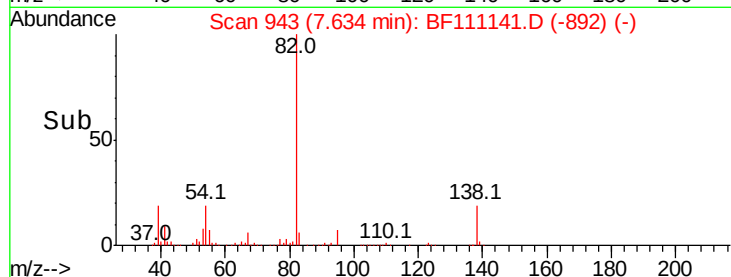
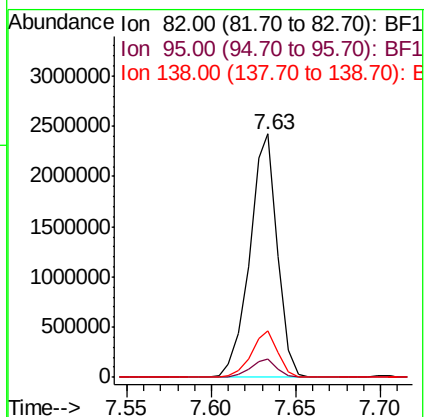
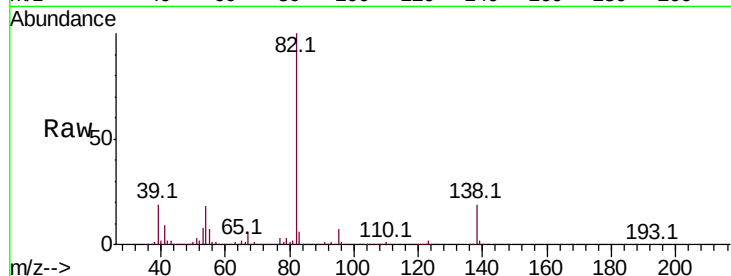
138 19.1 14.6 22.0

Manual Integrations

APPROVED

mohammad

12/10/2018 12:18:56 PM



#26

2-Nitrophenol

Concen: 45.109 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

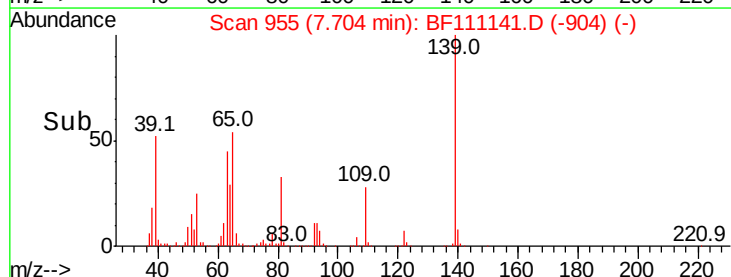
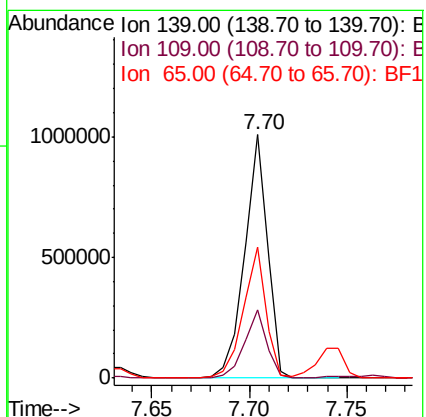
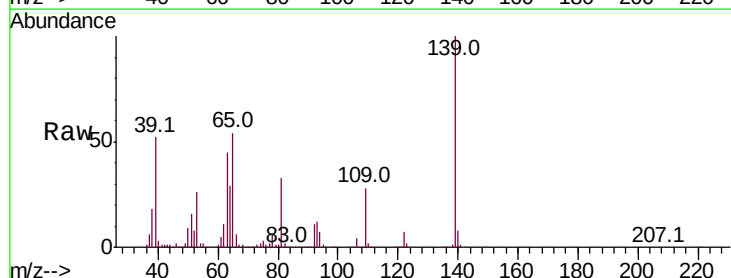
Tgt Ion: 139 Resp: 820811

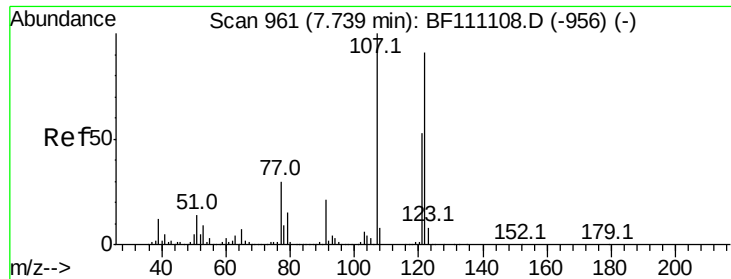
Ion Ratio Lower Upper

139 100

109 27.8 23.1 34.7

65 53.6 45.9 68.9





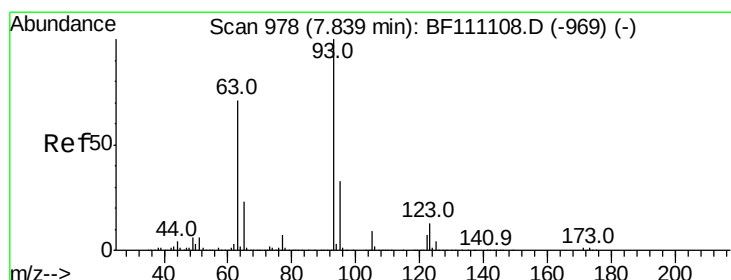
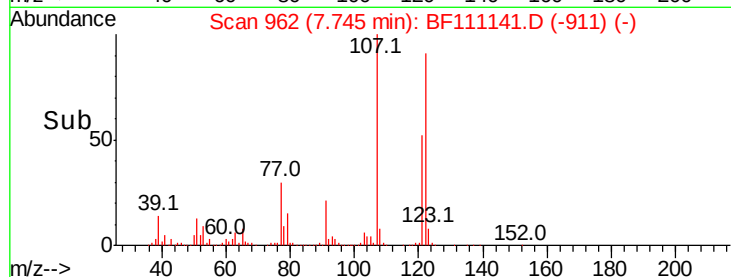
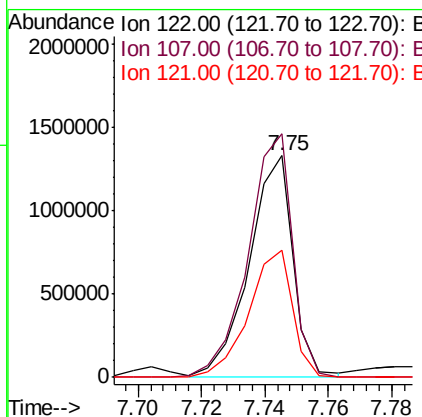
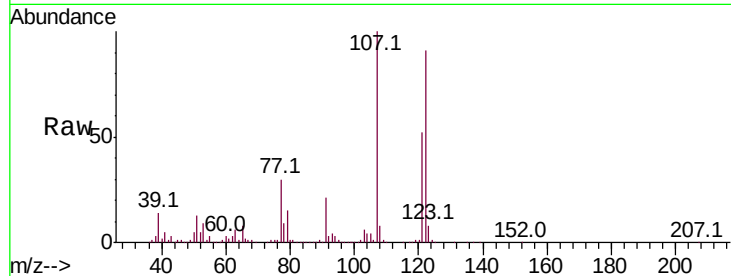
#27
2,4-Dimethylphenol
Concen: 37.432 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	87.4	131.0
121	57.5	45.9	68.9

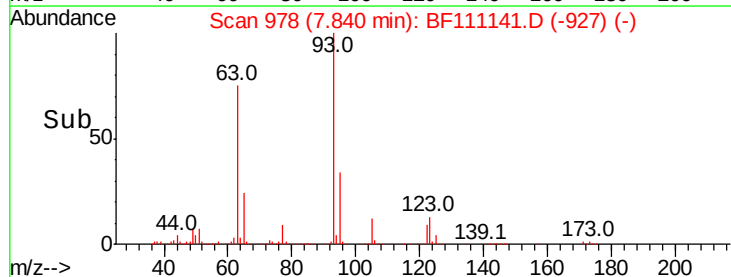
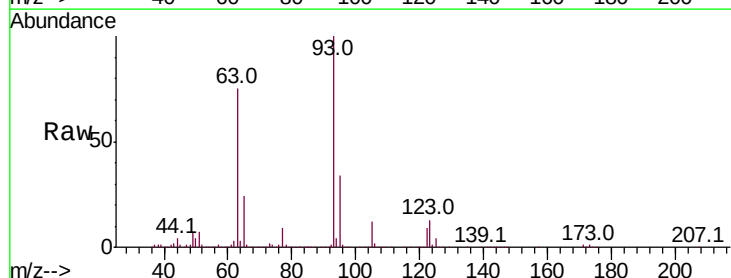
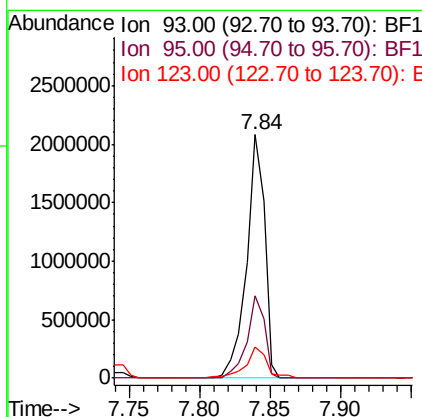
Manual Integrations
APPROVED

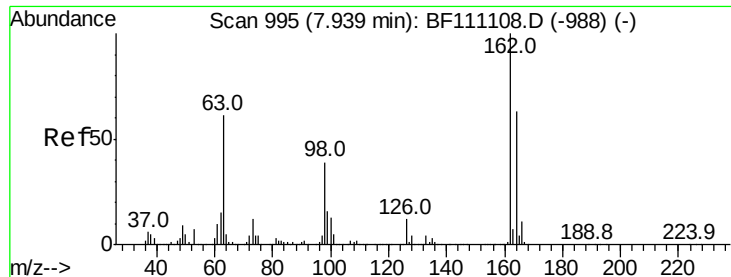
mohammad
12/10/2018 12:18:56 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.428 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.6	39.8
123	12.7	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 38.834 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 1310128

Ion Ratio Lower Upper

162 100

164 64.1 43.3 83.3

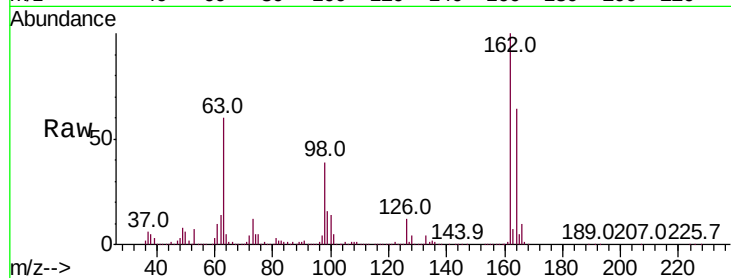
98 38.8 18.9 58.9

Manual Integrations

APPROVED

mohammad

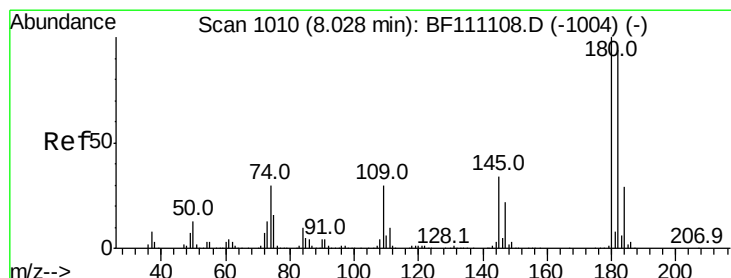
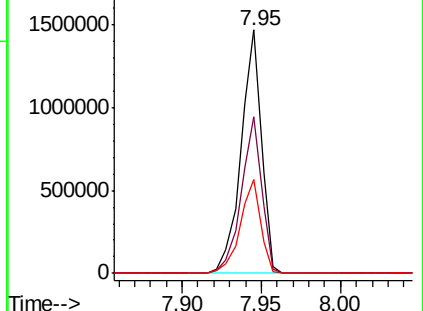
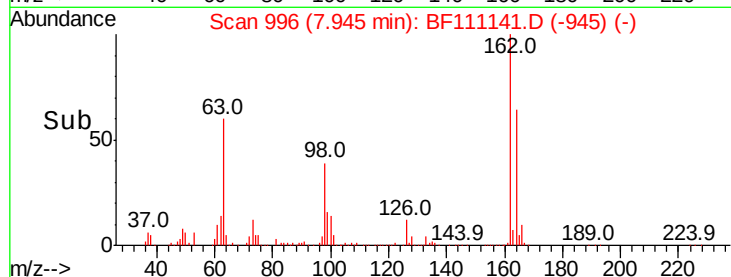
12/10/2018 12:18:56 PM



Abundance Ion 162.00 (161.70 to 162.70): E

2000000 Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.810 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

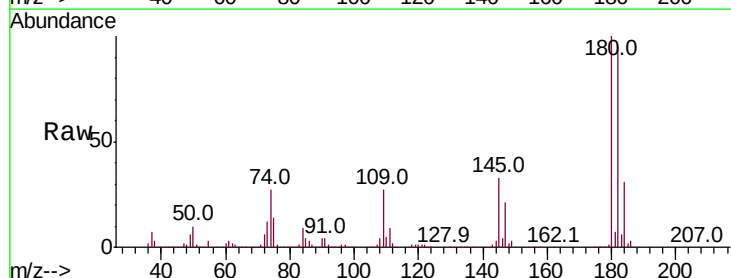
Tgt Ion:180 Resp: 1321550

Ion Ratio Lower Upper

180 100

182 94.9 75.1 112.7

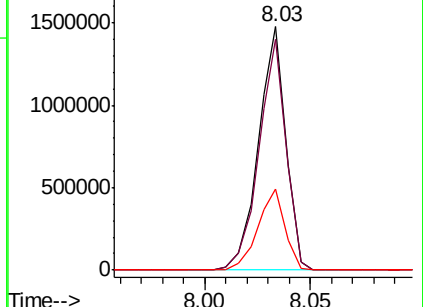
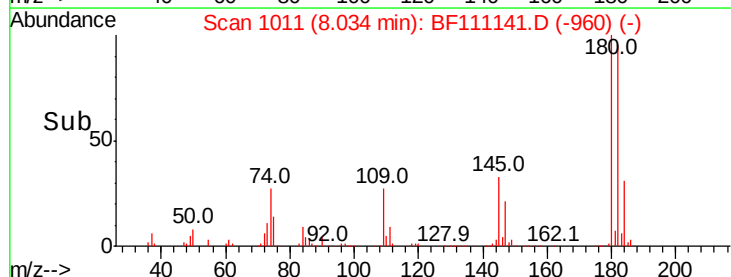
145 33.2 27.6 41.4

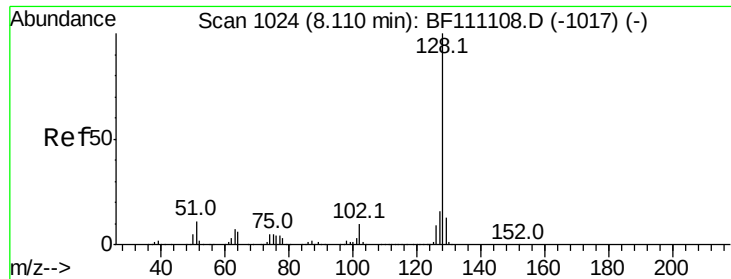


Abundance Ion 180.00 (179.70 to 180.70): E

2000000 Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





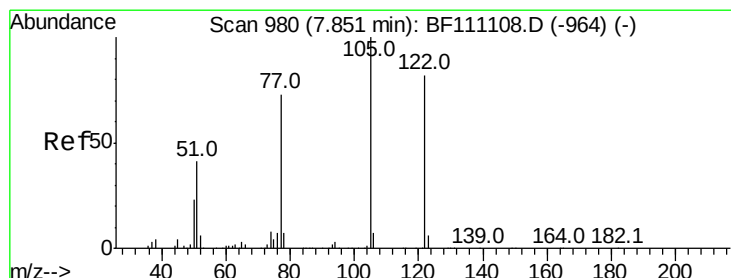
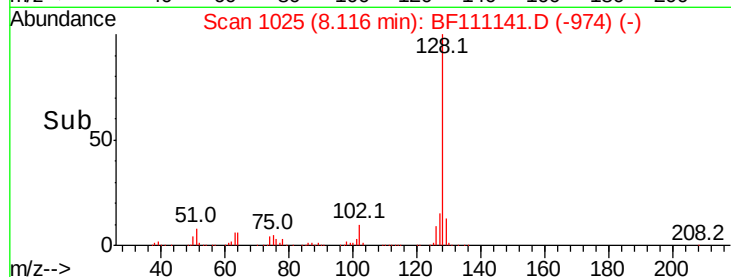
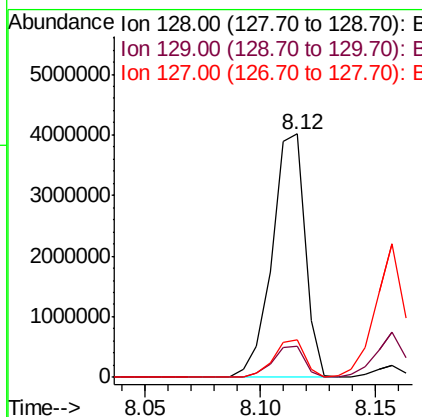
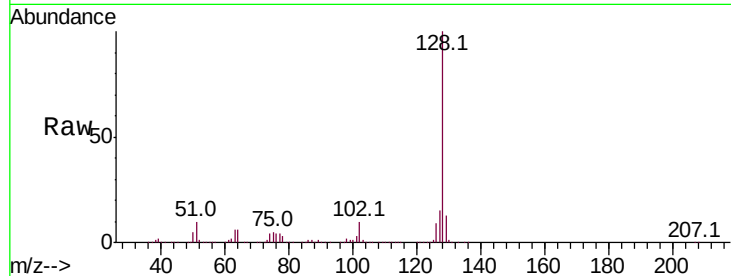
#31
Naphthalene
Concen: 38.541 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 3976645
Ion Ratio Lower Upper
128 100
129 12.7 10.5 15.7
127 15.4 12.5 18.7

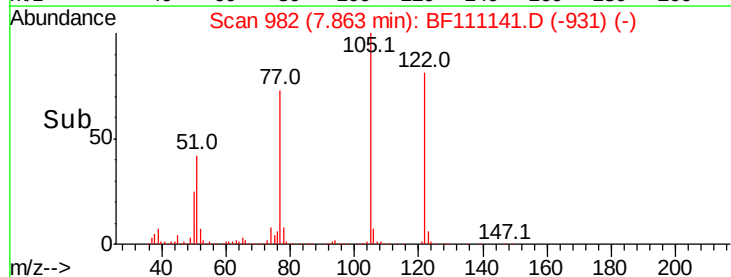
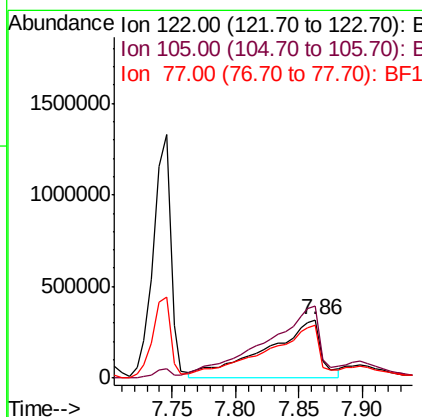
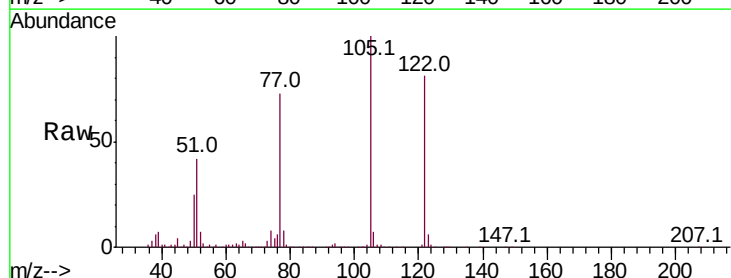
Manual Integrations
APPROVED

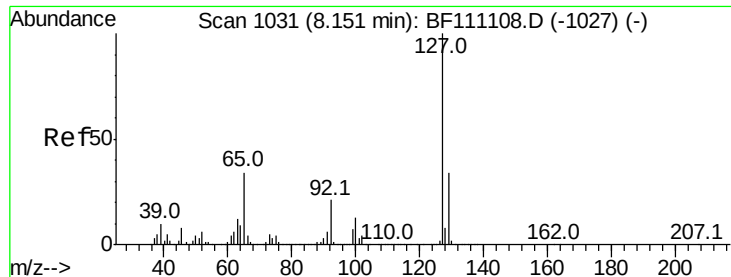
mohammad
12/10/2018 12:18:56 PM



#32
Benzoic acid
Concen: 43.019 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:122 Resp: 972152
Ion Ratio Lower Upper
122 100
105 123.7 100.1 140.1
77 90.5 69.4 109.4





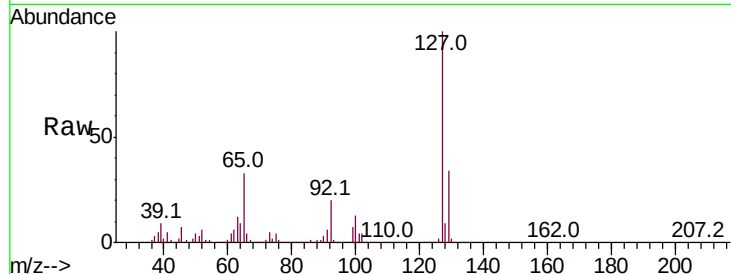
#33
4-Chloroaniline
Concen: 37.619 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

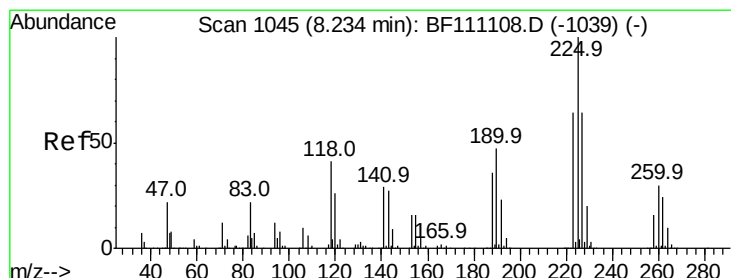
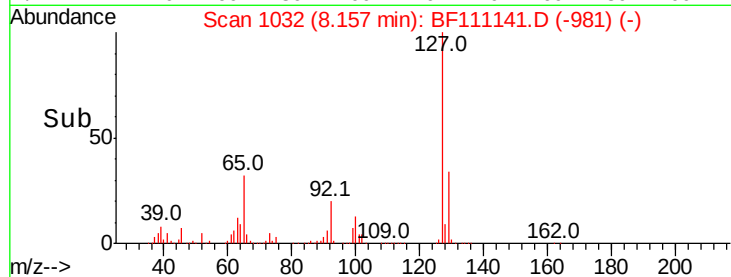
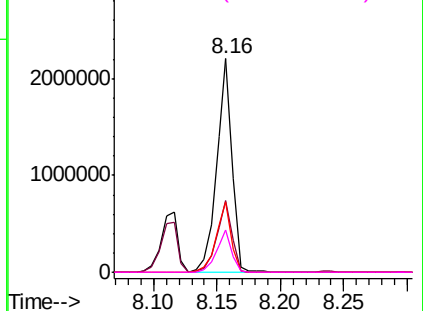
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.0	40.6
65	32.8	27.2	40.8
92	20.0	16.6	24.8

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

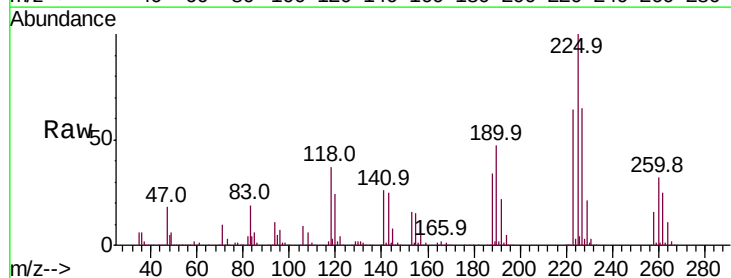


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

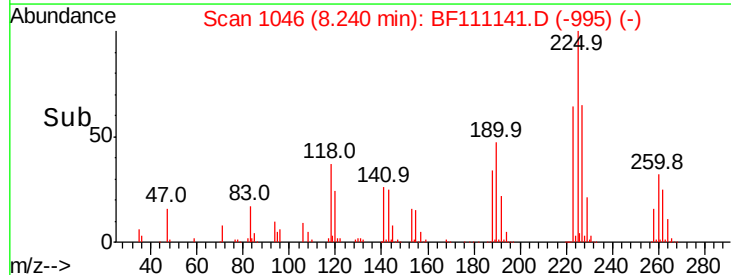
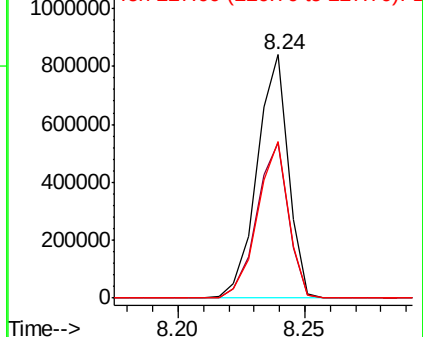


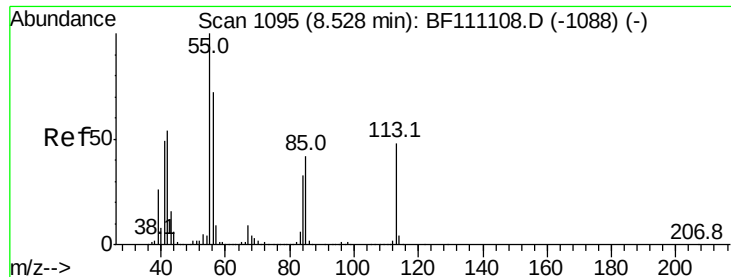
#34
Hexachlorobutadiene
Concen: 39.235 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

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



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





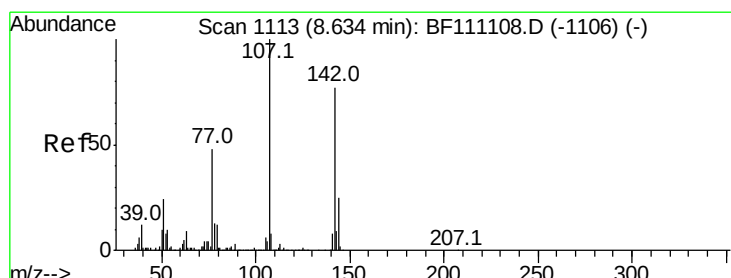
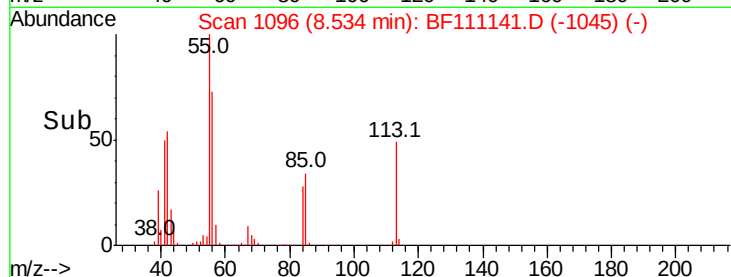
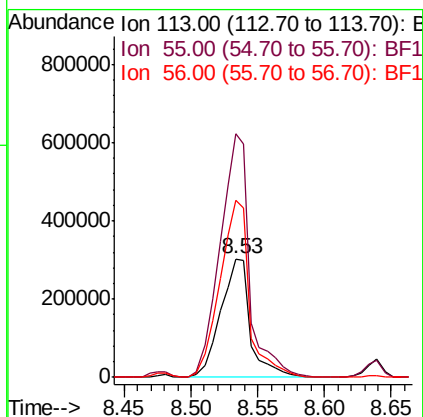
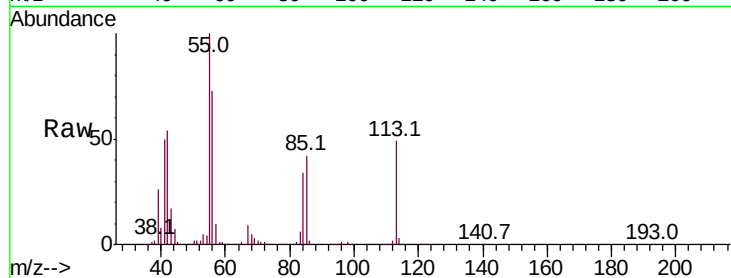
#35
 Caprolactam
 Concen: 38.000 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.5	190.6	230.6
56	149.3	130.9	170.9

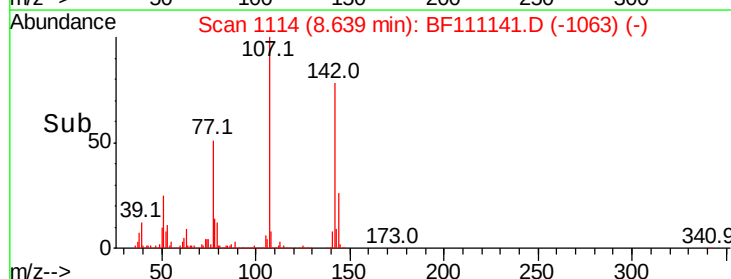
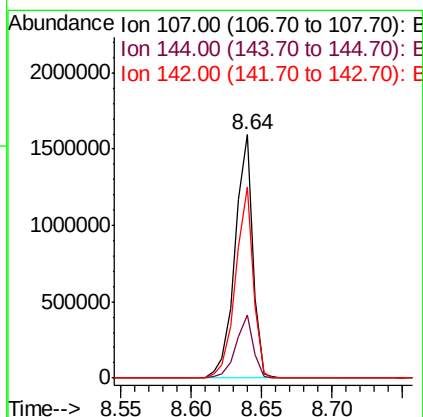
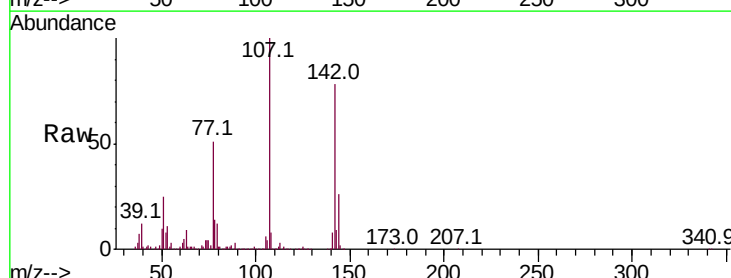
Manual Integrations
 APPROVED

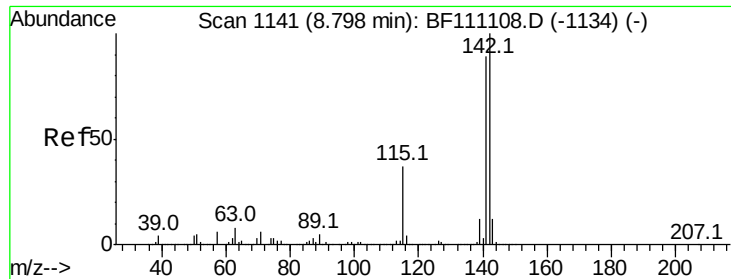
mohammad
 12/10/2018 12:18:56 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.911 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.9	29.9
142	78.4	61.4	92.0





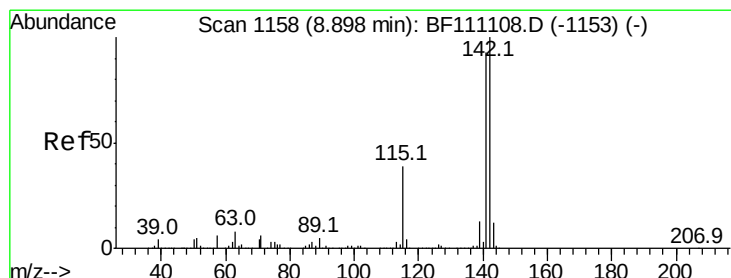
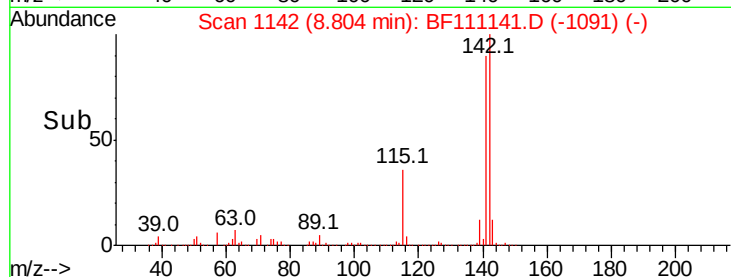
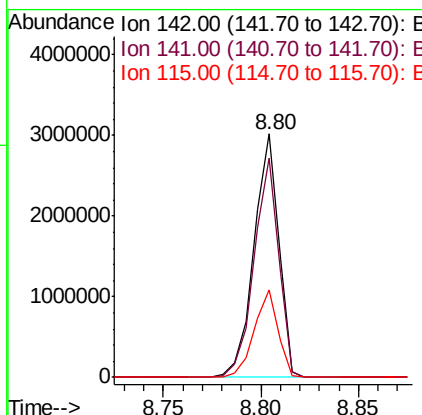
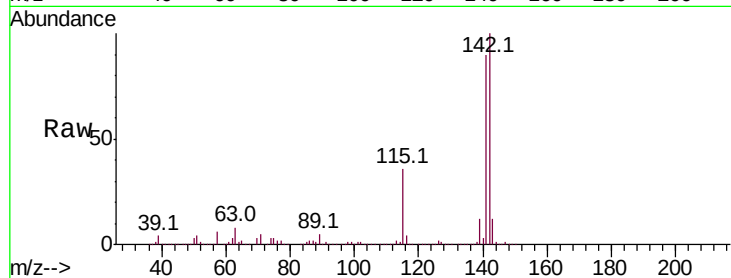
#37
2-Methylnaphthalene
Concen: 37.496 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 2668684
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0
115 36.1 29.2 43.8

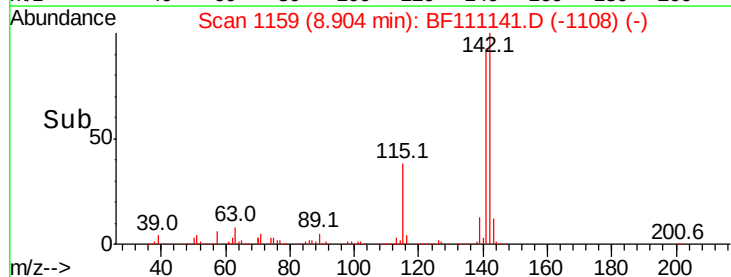
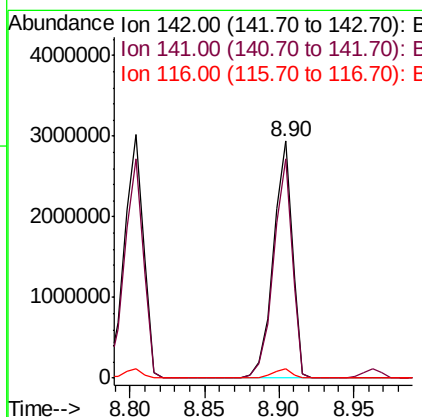
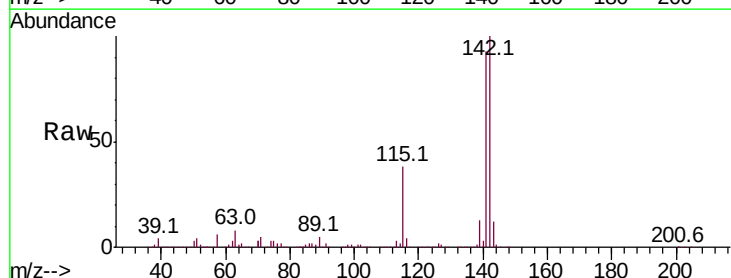
Manual Integrations
APPROVED

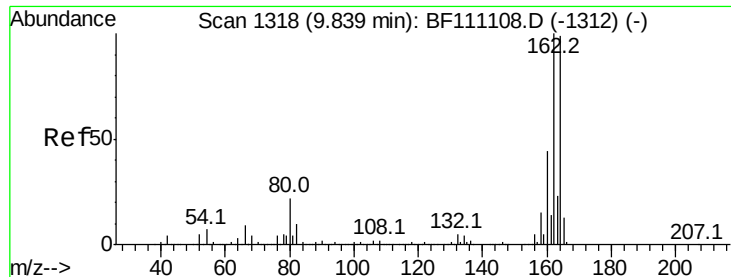
mohammad
12/10/2018 12:18:56 PM



#38
1-Methylnaphthalene
Concen: 37.669 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:142 Resp: 2577568
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7
116 3.9 3.2 4.8





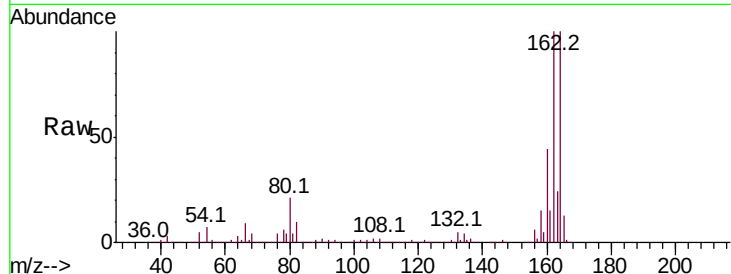
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.8	35.5	53.3

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

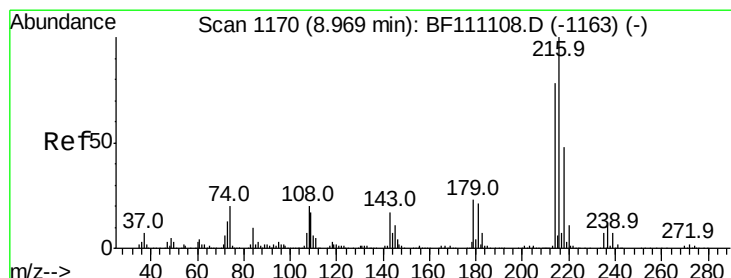
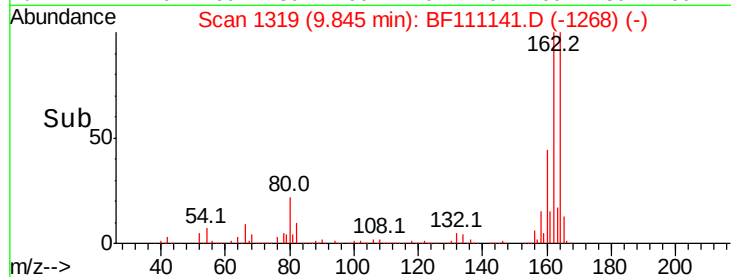
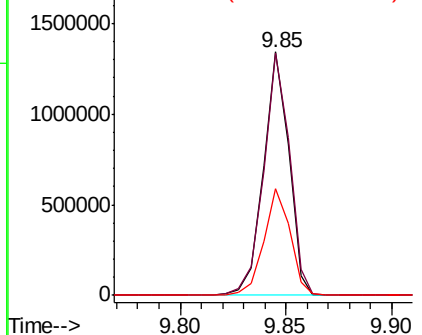


Abundance

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: 38.035 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	22.5	18.5	27.7
108	23.3	19.1	28.7

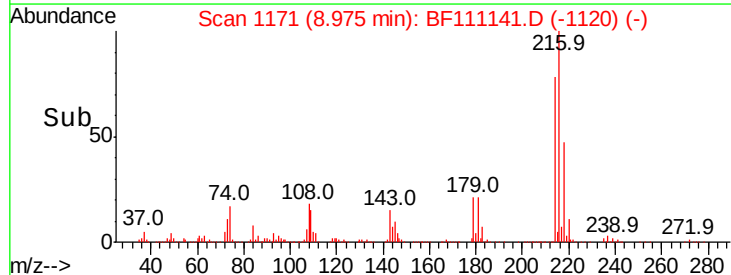
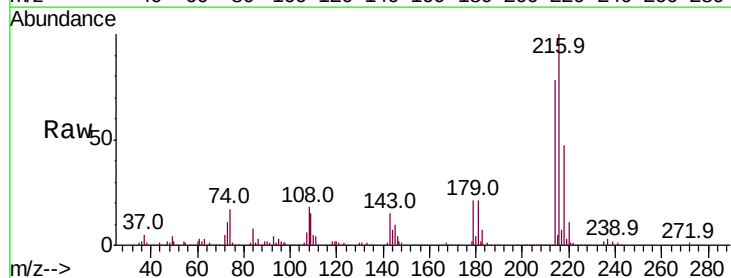
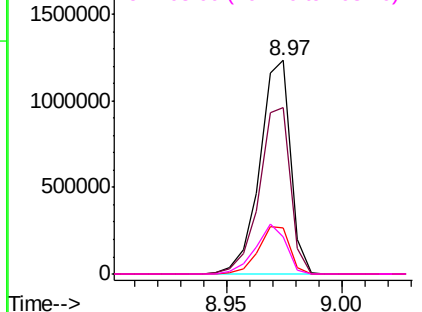
Abundance

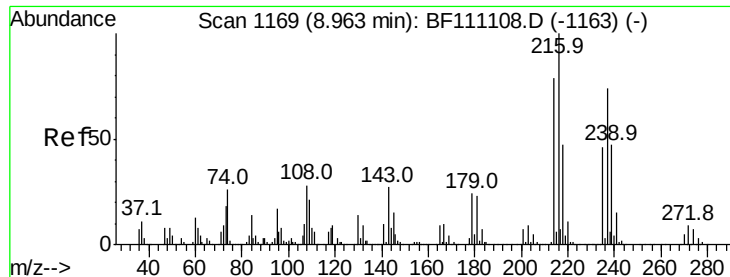
Ion 216.00 (215.70 to 216.70): E

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: 39.634 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

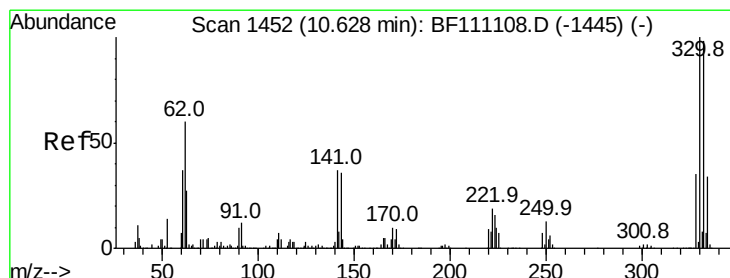
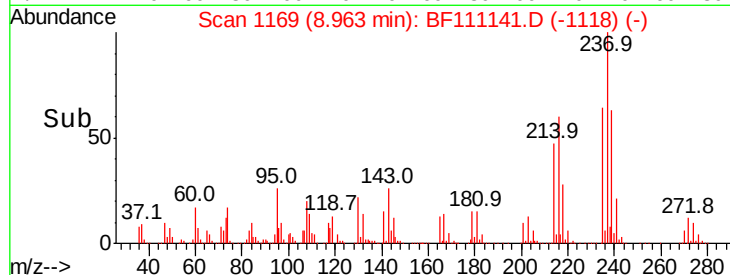
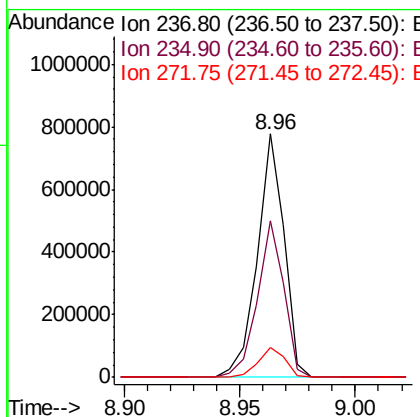
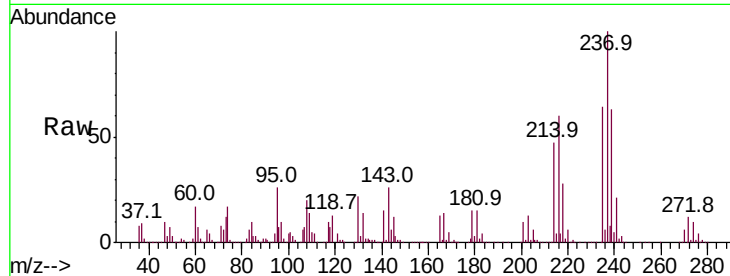
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	630213
Ion Ratio		Lower	Upper
237	100		
235	64.2	41.9	81.9
272	12.2	0.0	32.7

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM



#42

2,4,6-Tribromophenol

Concen: 81.330 ng

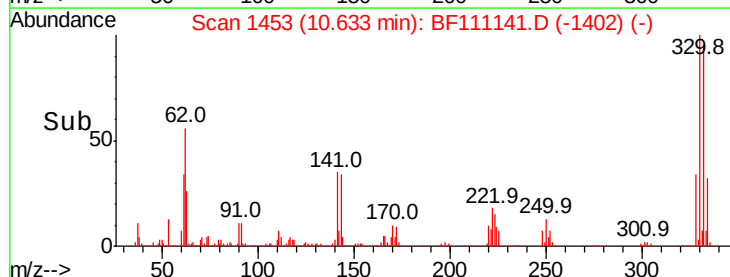
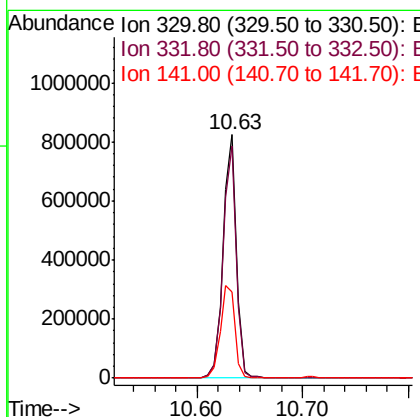
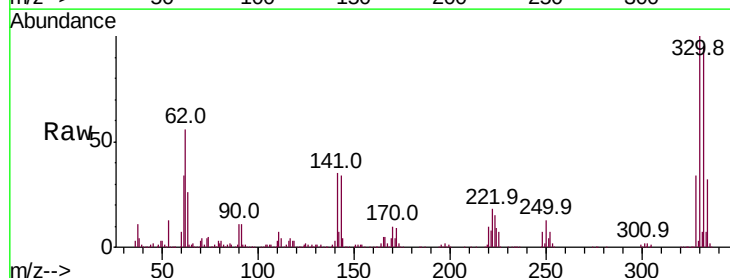
RT: 10.63 min Scan# 1453

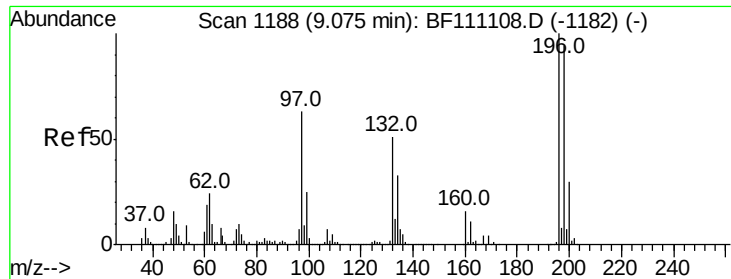
Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion:	330	Resp:	731459
Ion Ratio		Lower	Upper
330	100		
332	95.6	77.2	115.8
141	41.8	36.1	54.1





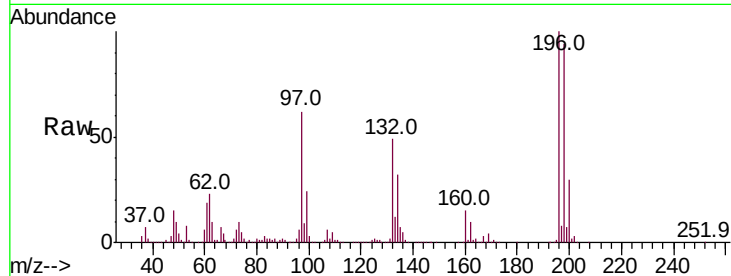
#43
 2,4,6-Trichlorophenol
 Concen: 38.156 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	840360		
198	94.4	75.4	113.0	
200	30.1	24.2	36.4	

Manual Integrations
 APPROVED

mohammad
 12/10/2018 12:18:56 PM

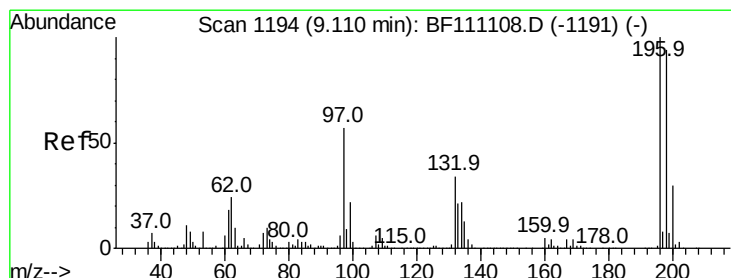
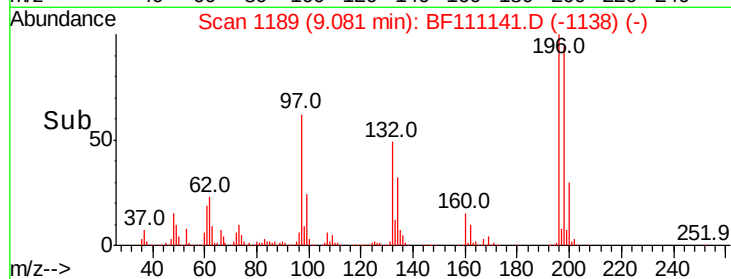
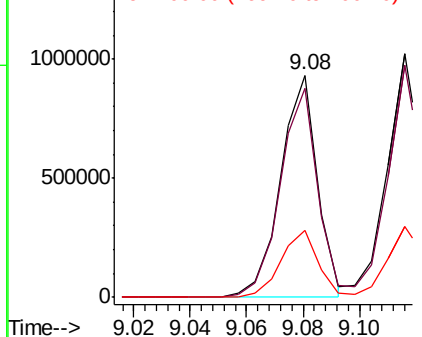


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.520 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	882325		
198	95.4	75.0	112.4	
97	57.6	46.2	69.4	
132	34.1	27.2	40.8	

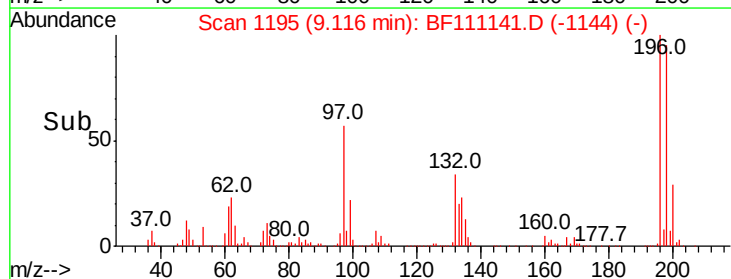
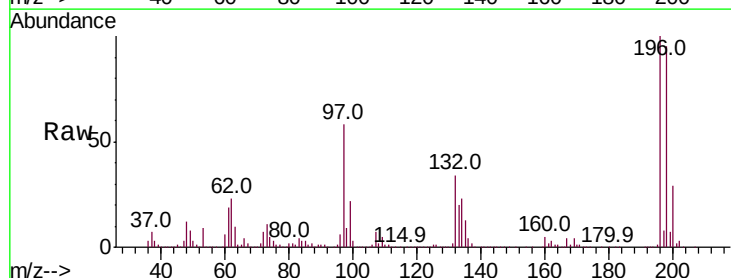
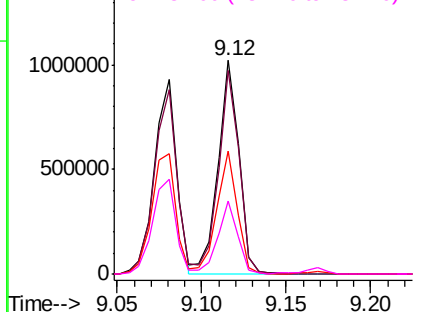
Abundance

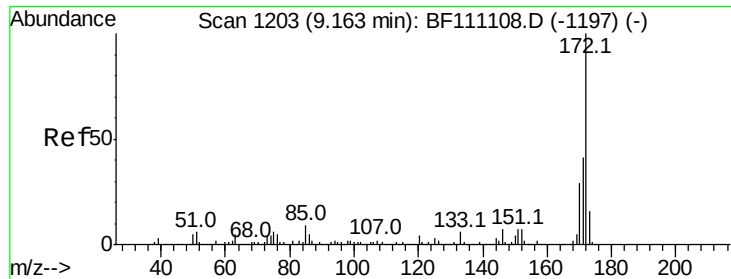
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





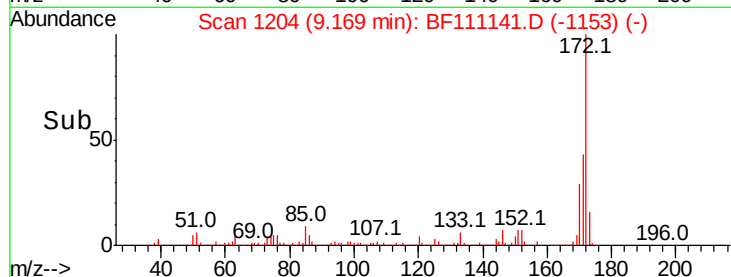
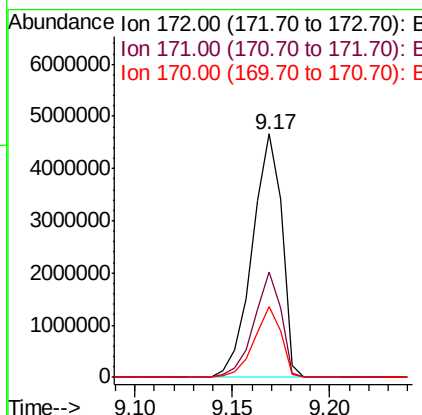
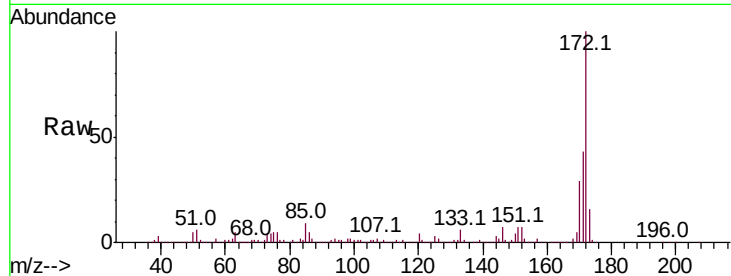
#45
2-Fluorobiphenyl
Concen: 79.148 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 4898353
Ion Ratio Lower Upper
172 100
171 43.1 33.2 49.8
170 29.1 22.9 34.3

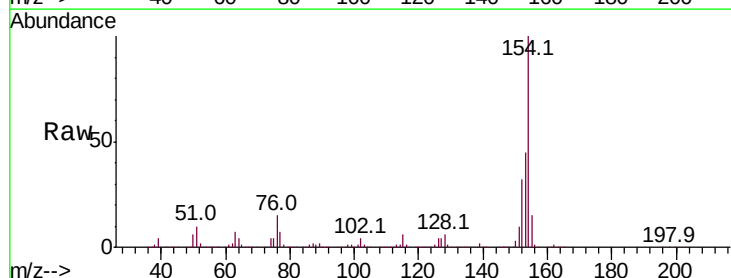
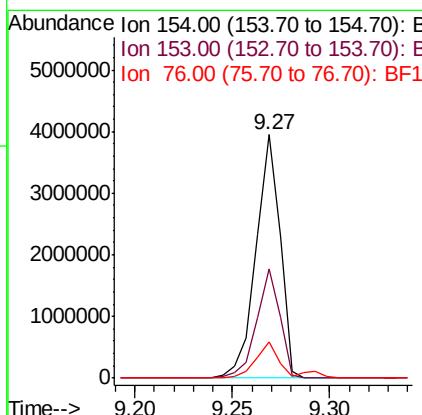
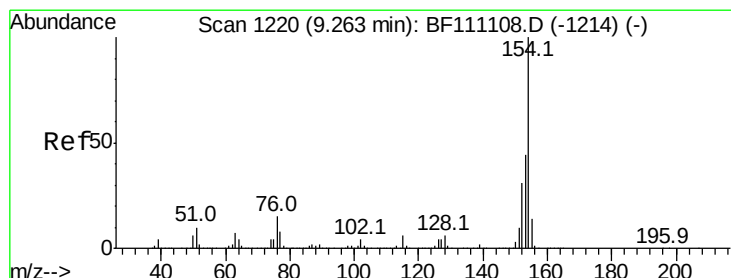
Manual Integrations
APPROVED

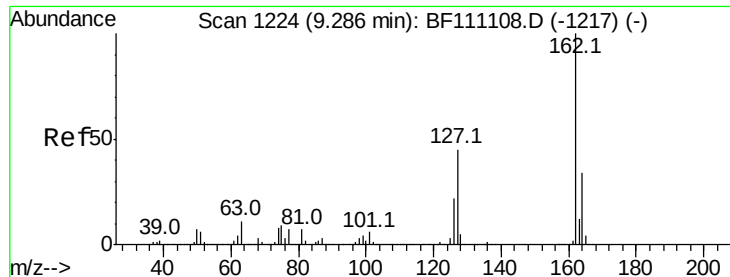
mohammad
12/10/2018 12:18:56 PM



#46
1,1'-Biphenyl
Concen: 36.515 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:154 Resp: 3382087
Ion Ratio Lower Upper
154 100
153 45.0 23.7 63.7
76 14.8 0.0 35.0





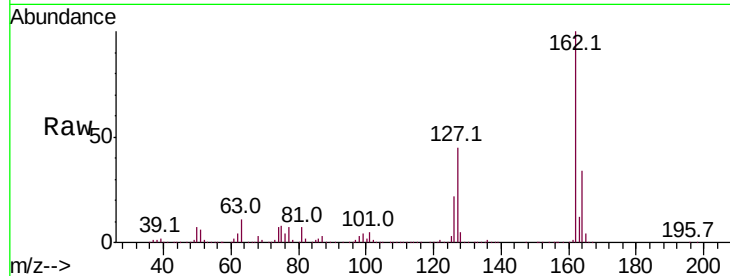
#47
2-Chloronaphthalene
Concen: 37.123 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

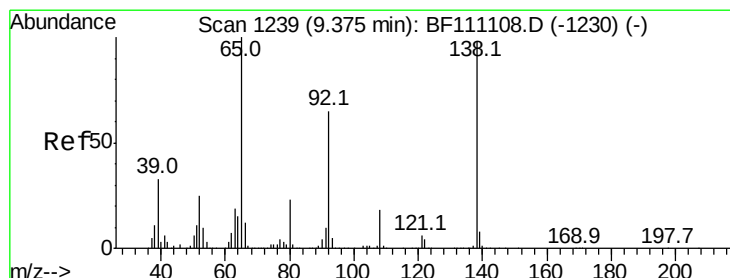
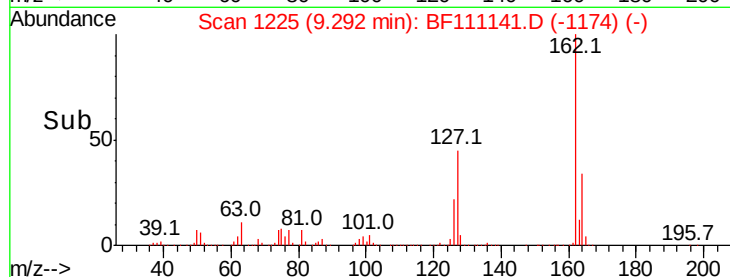
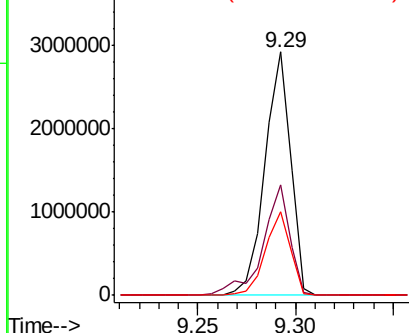
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.3	36.4	54.6
164	34.5	27.3	40.9

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM



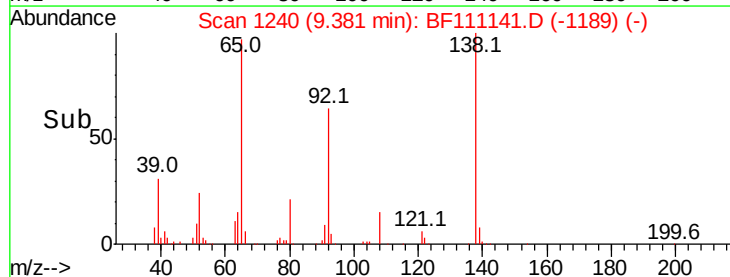
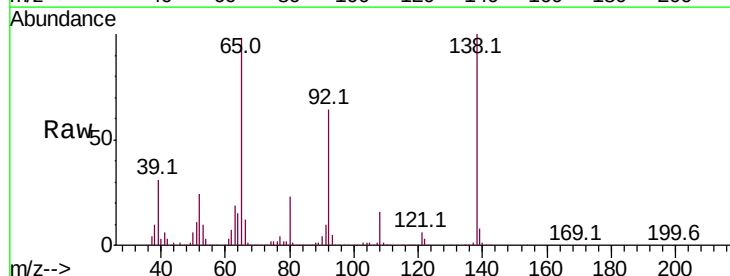
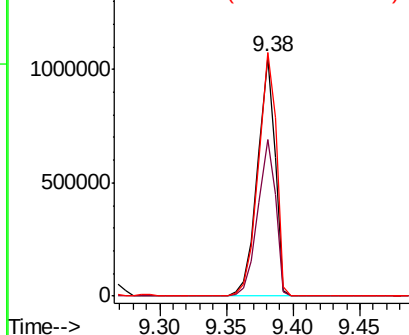
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

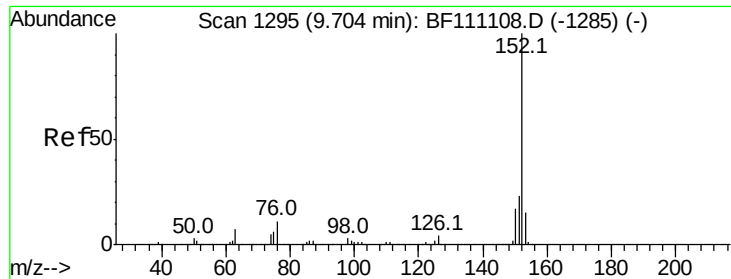


#48
2-Nitroaniline
Concen: 40.372 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.1	78.1
138	101.8	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





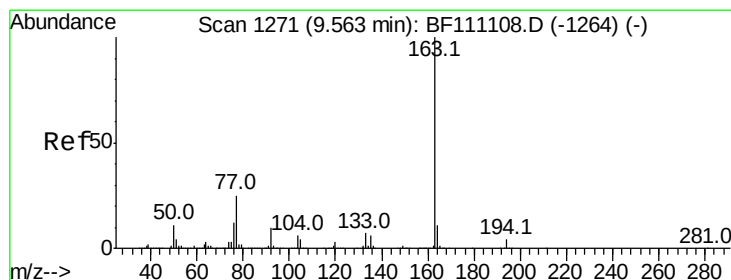
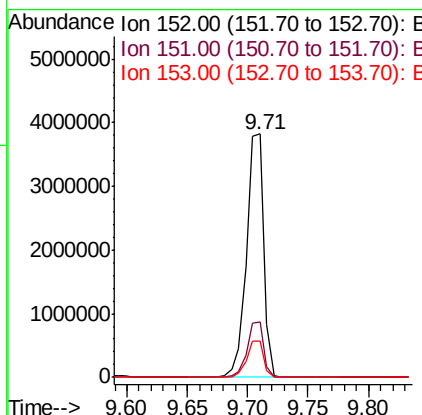
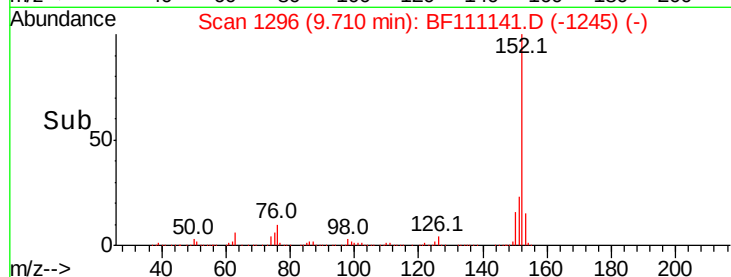
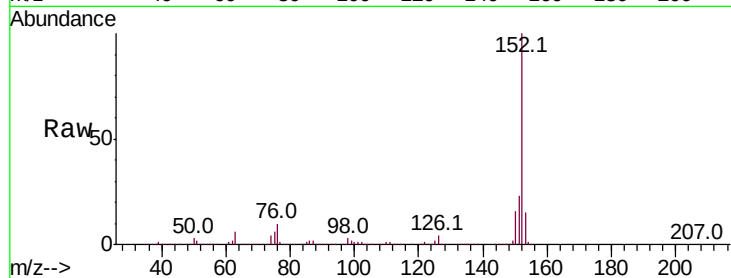
#49
Acenaphthylene
Concen: 37.941 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 3817071
Ion Ratio Lower Upper
152 100
151 22.7 18.3 27.5
153 14.8 11.8 17.8

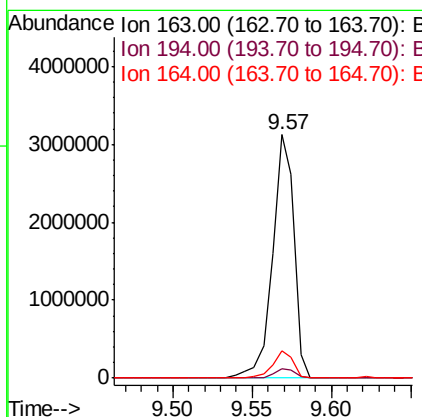
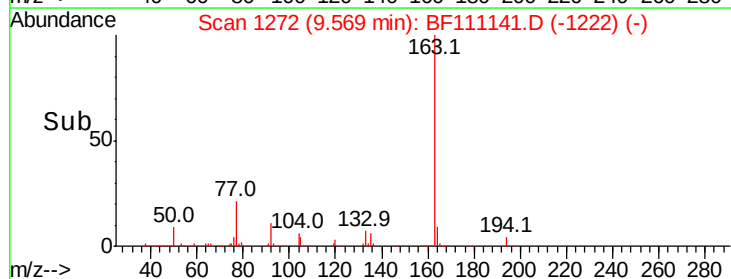
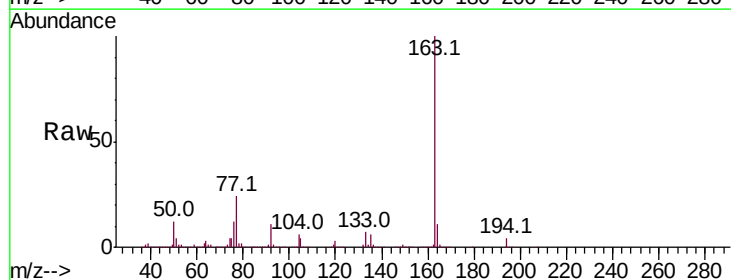
Manual Integrations
APPROVED

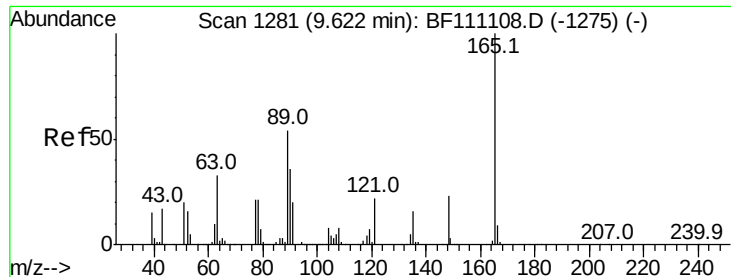
mohammad
12/10/2018 12:18:56 PM



#50
Dimethylphthalate
Concen: 37.330 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:163 Resp: 2939518
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 11.0 8.9 13.3





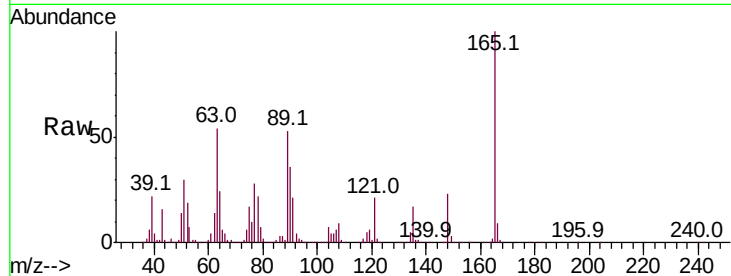
#51
2,6-Dinitrotoluene
Concen: 41.415 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

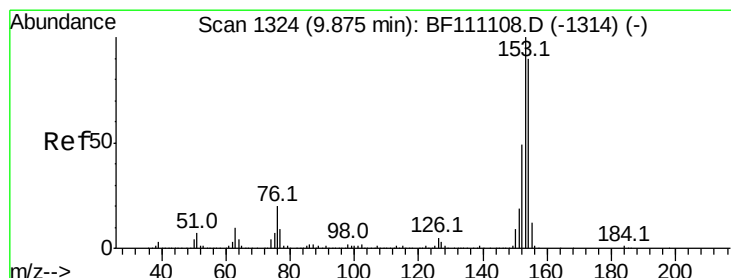
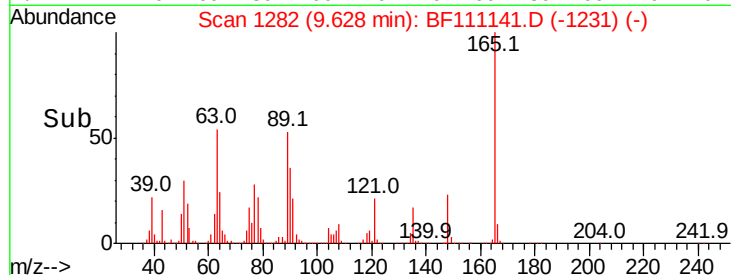
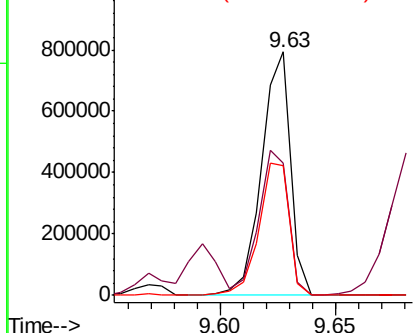
Tot Ion	Ratio	Resp	Lower	Upper
165	100	691427		
63	54.1	44.7	67.1	
89	53.4	43.0	64.4	

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

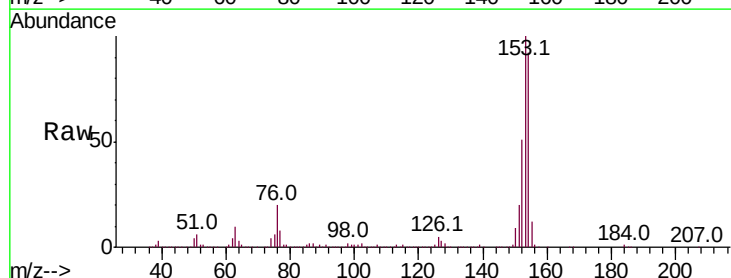


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

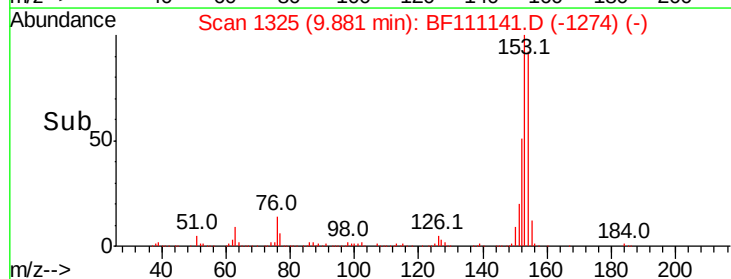
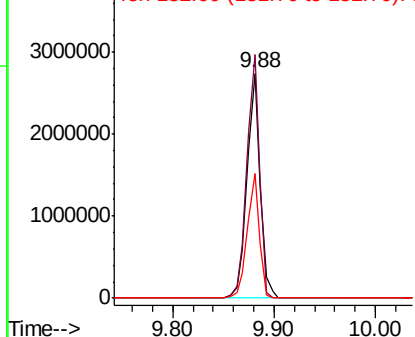


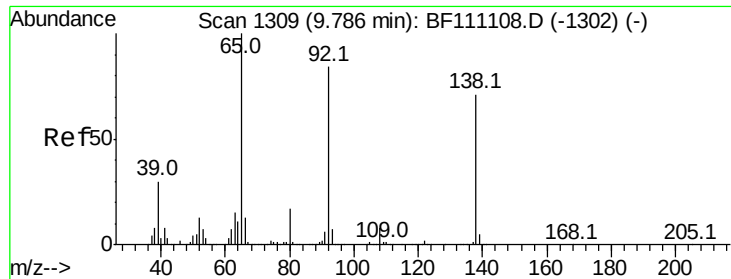
#52
Acenaphthene
Concen: 37.327 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2480910		
153	108.2	88.7	133.1	
152	55.6	43.8	65.8	



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





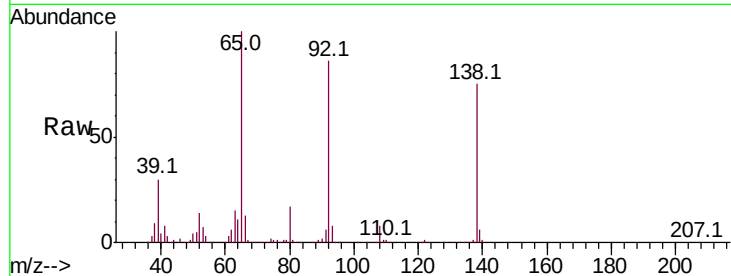
#53
3-Nitroaniline
Concen: 40.862 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	114.7	94.1	141.1

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

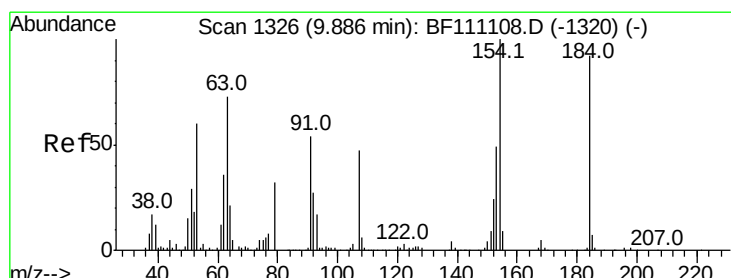
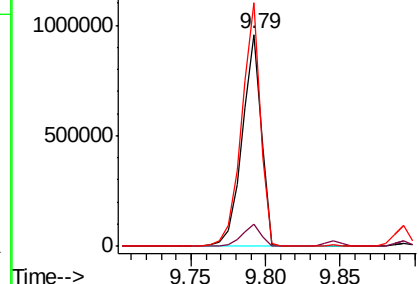
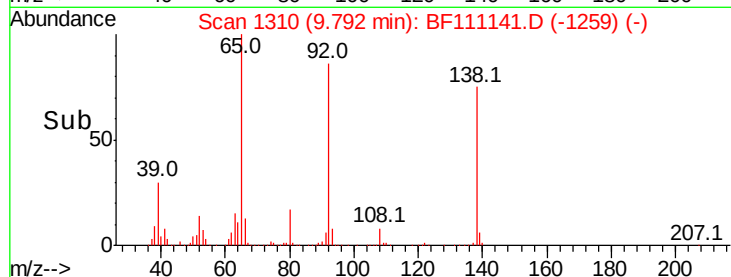


Abundance

Ion 138.00 (137.70 to 138.70): E

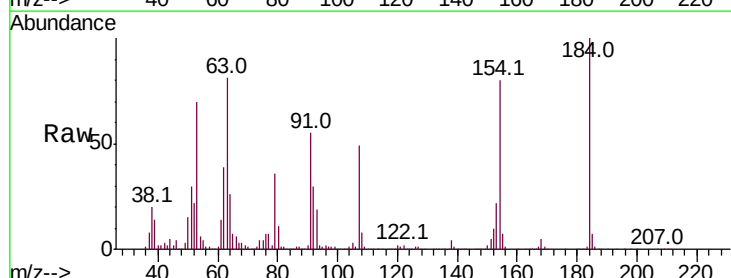
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 46.336 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.9	64.2	96.4
154	79.9	89.5	134.3#

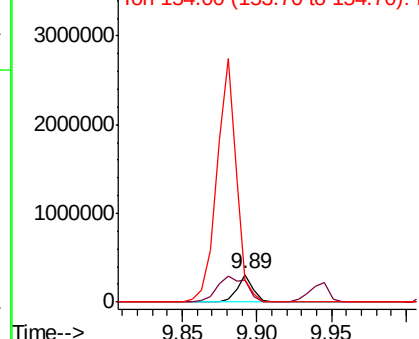
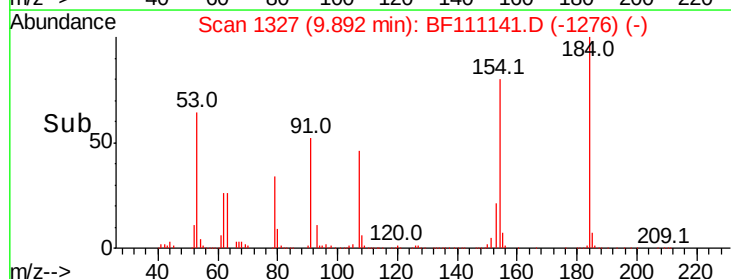


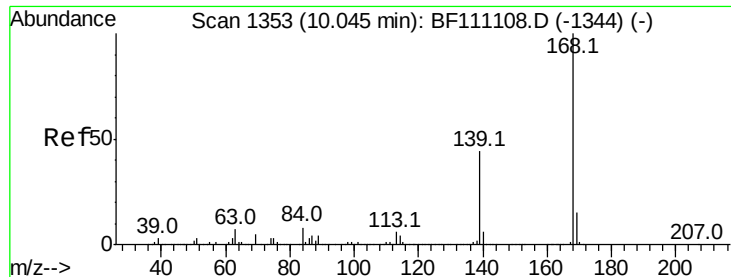
Abundance

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: 38.208 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 3497788

Ion Ratio Lower Upper

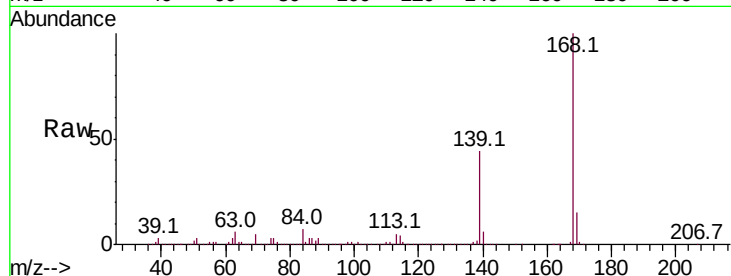
168 100

139 44.0 35.1 52.7

169 15.1 12.2 18.4

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

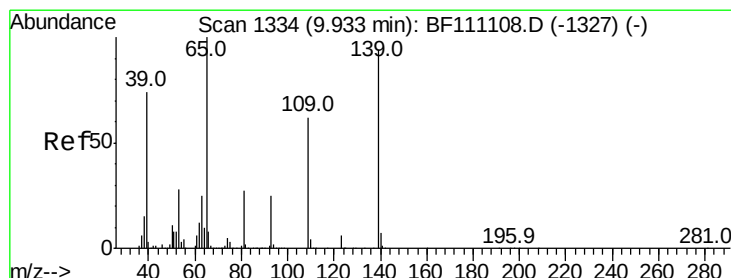
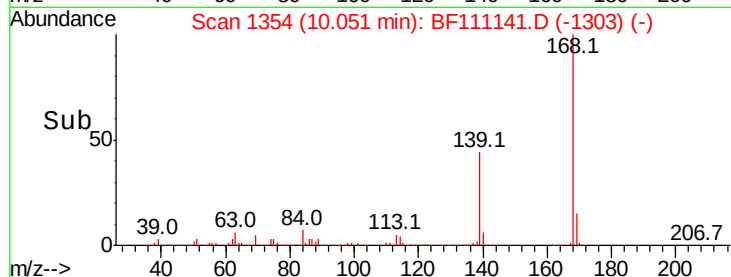
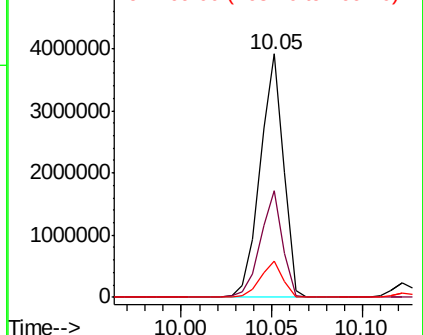


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.681 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

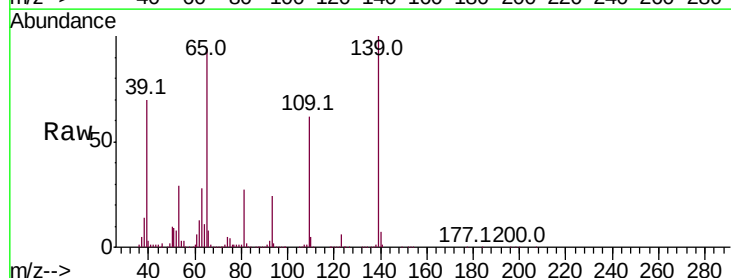
Tgt Ion:139 Resp: 642878

Ion Ratio Lower Upper

139 100

109 62.5 46.1 86.1

65 94.3 87.0 127.0

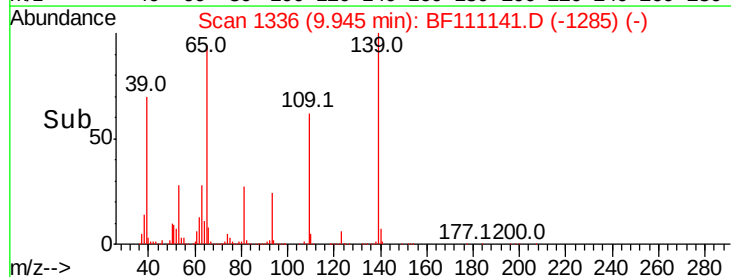
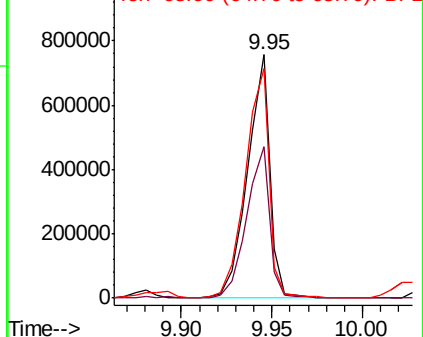


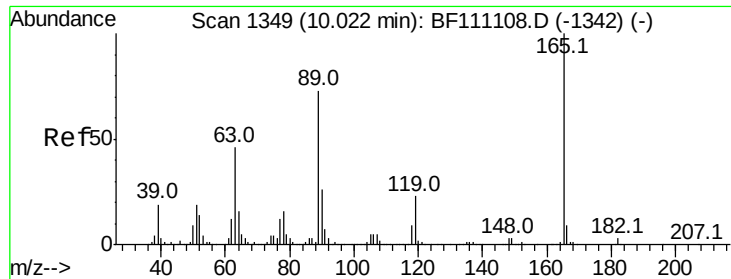
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 42.063 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 906948

Ion Ratio Lower Upper

165 100

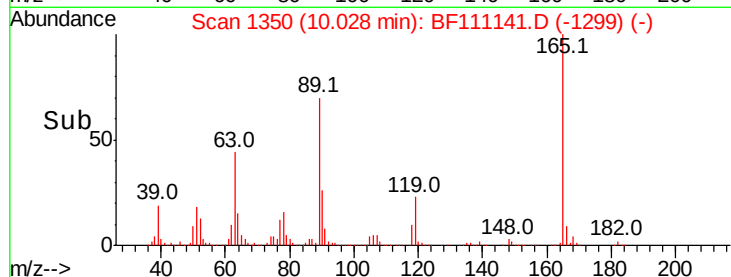
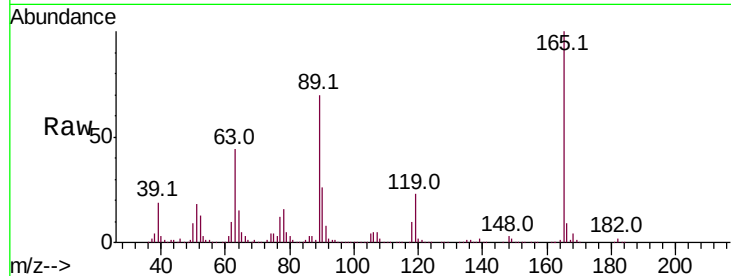
63 44.3 36.7 55.1

89 70.2 58.4 87.6

182 2.3 2.1 3.1

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

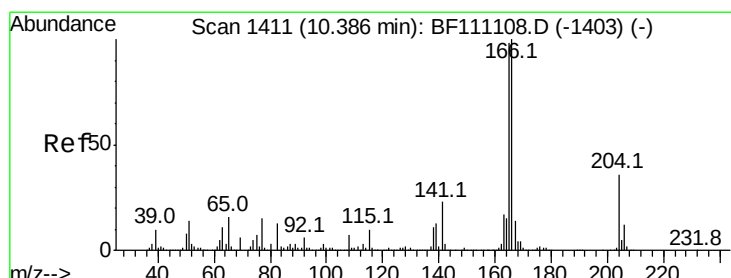
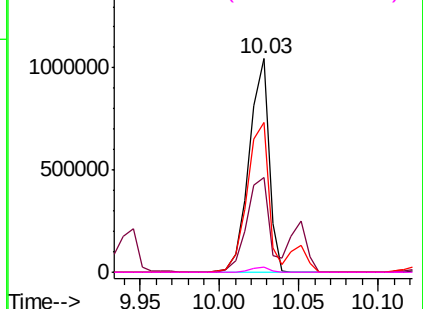


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.165 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

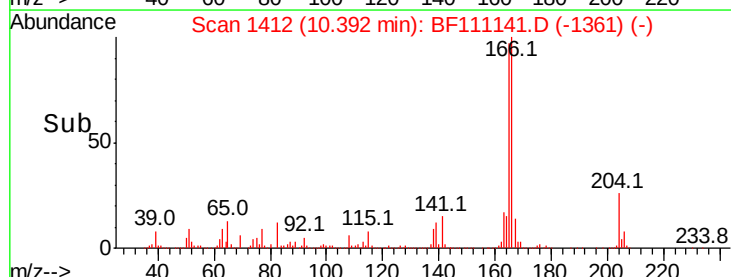
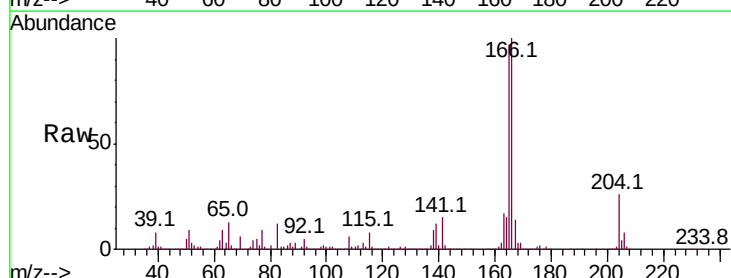
Tgt Ion:166 Resp: 2463727

Ion Ratio Lower Upper

166 100

165 97.4 78.4 117.6

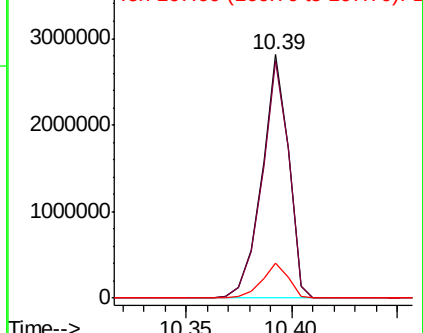
167 14.4 11.4 17.2

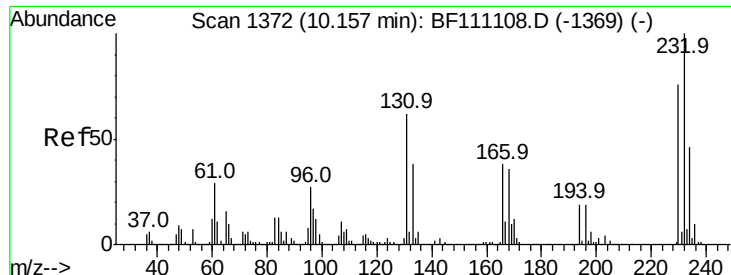


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





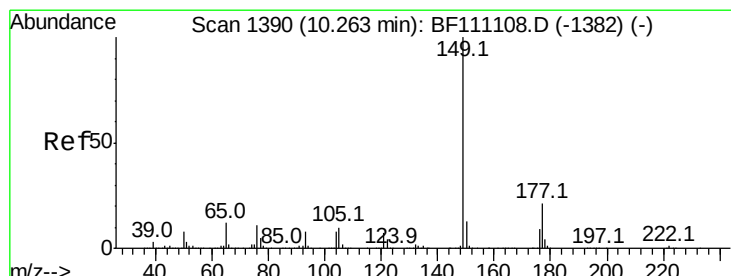
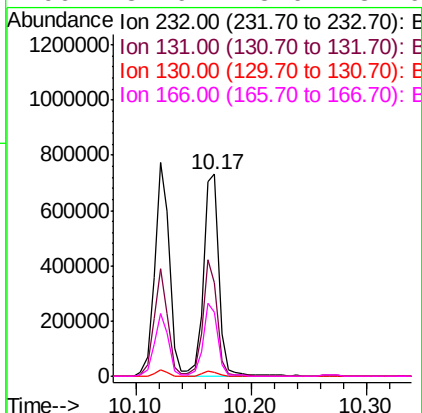
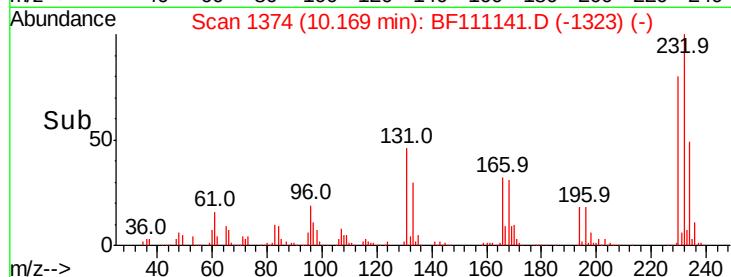
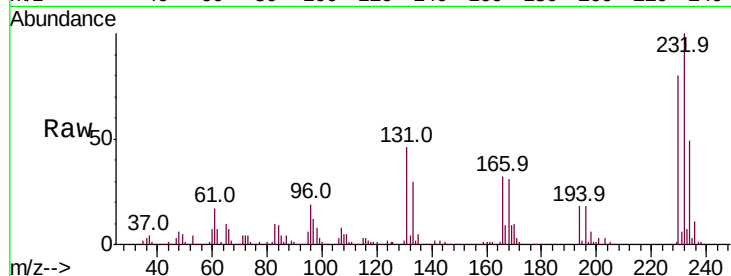
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.395 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.2	40.4	60.6
130	2.5	2.1	3.1
166	34.6	23.0	34.6

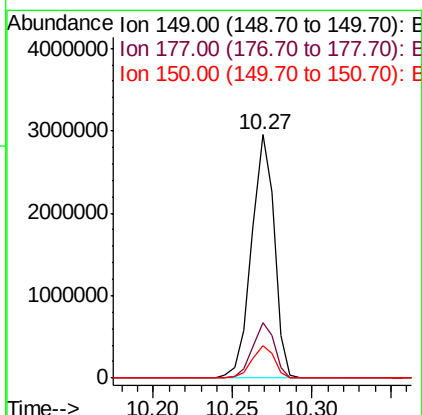
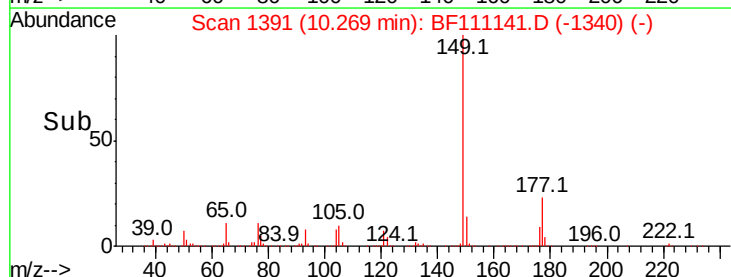
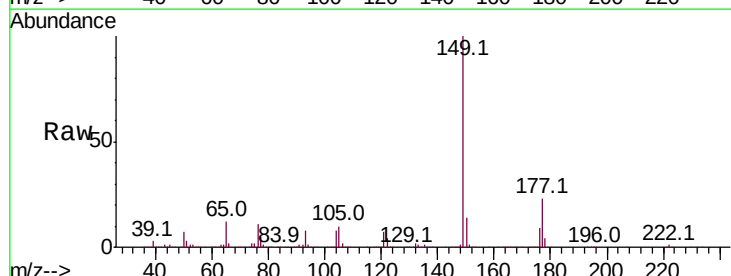
Manual Integrations
 APPROVED

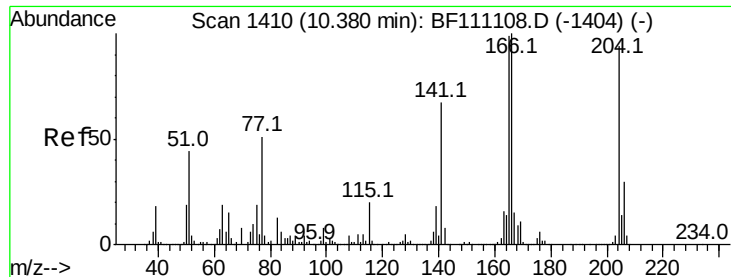
mohammad
 12/10/2018 12:18:56 PM



#60
 Diethylphthalate
 Concen: 37.429 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.0	25.6
150	13.5	10.5	15.7





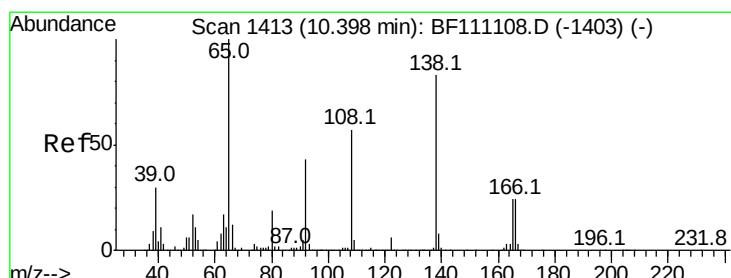
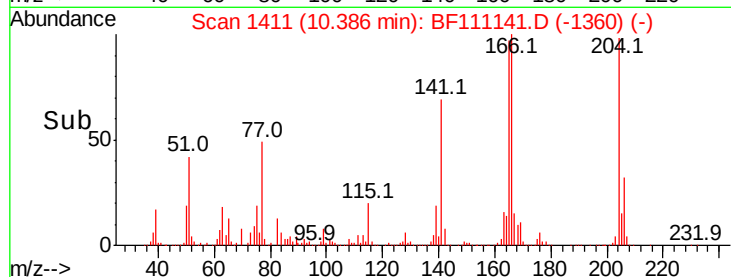
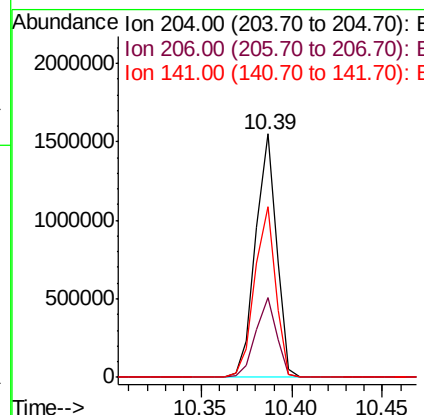
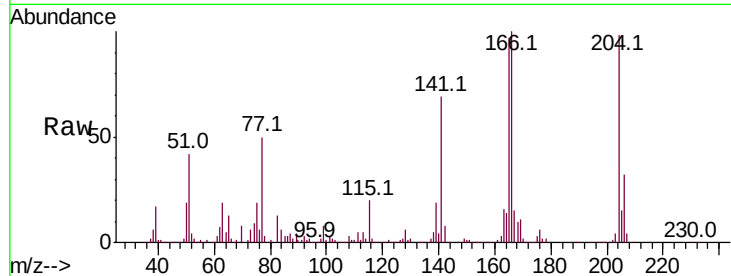
#61
4-Chlorophenyl-phenylether
Concen: 39.465 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 125538
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 69.9 57.4 86.0

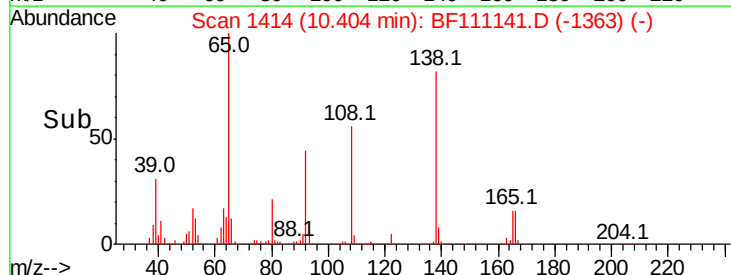
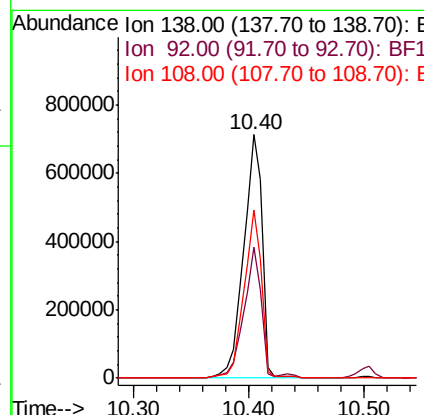
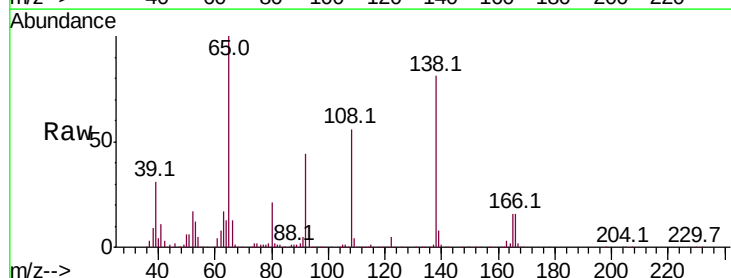
Manual Integrations
APPROVED

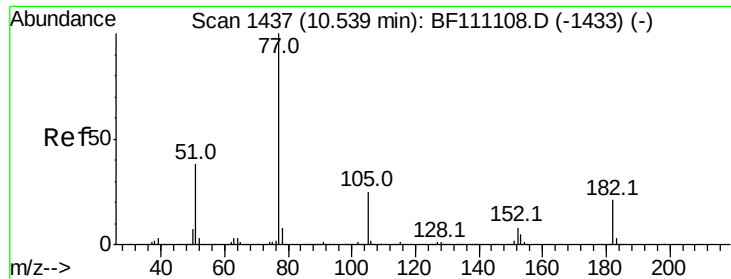
mohammad
12/10/2018 12:18:56 PM



#62
4-Nitroaniline
Concen: 41.827 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:138 Resp: 791653
Ion Ratio Lower Upper
138 100
92 53.8 31.6 71.6
108 69.1 48.3 88.3





#63

Azobenzene

Concen: 36.516 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 3059350

Ion Ratio Lower Upper

77 100

182 24.5 1.4 41.4

105 25.1 4.7 44.7

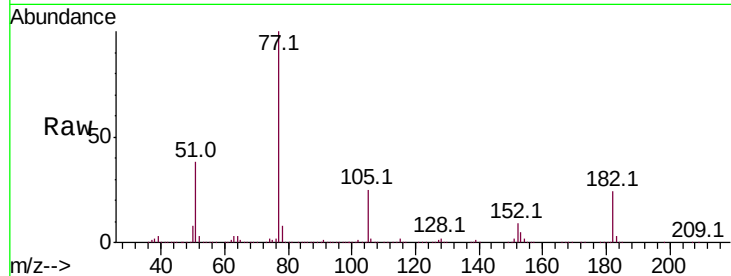
51 37.9 18.0 58.0

Manual Integrations

APPROVED

mohammad

12/10/2018 12:18:56 PM

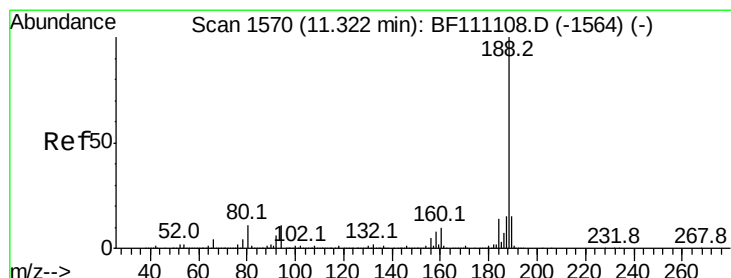
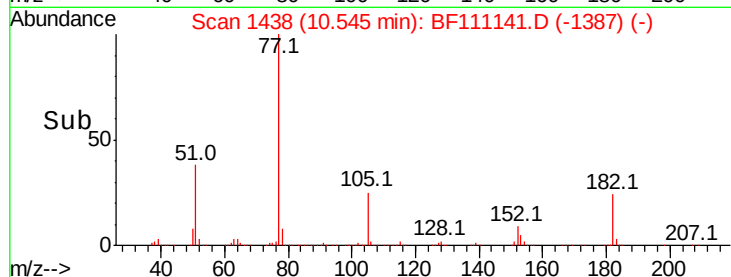
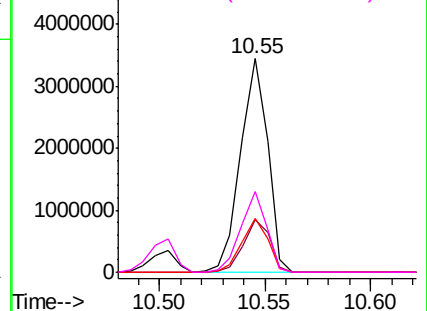


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF111141.D

Acq: 6 Dec 2018 16:38

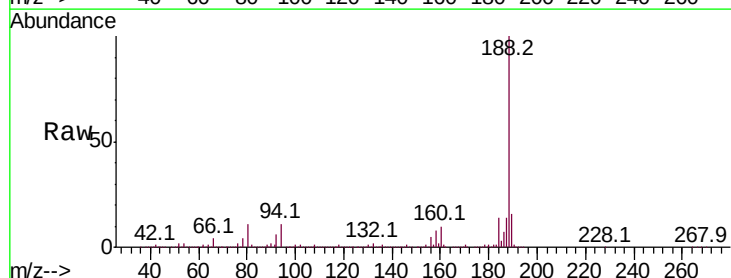
Tgt Ion: 188 Resp: 1916520

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

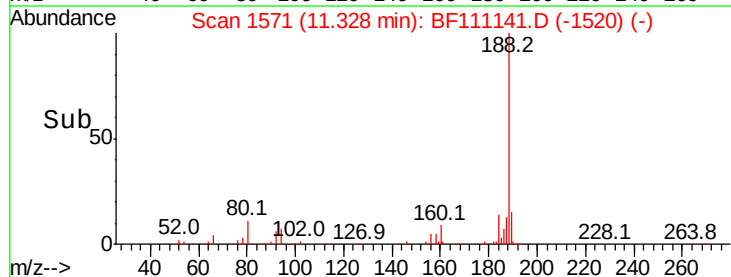
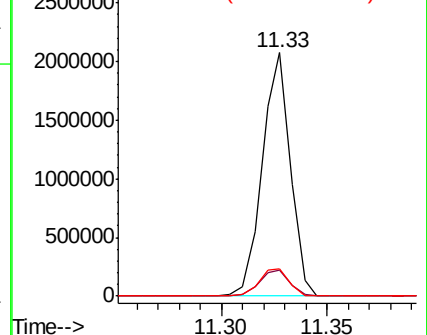
80 11.2 9.0 13.6

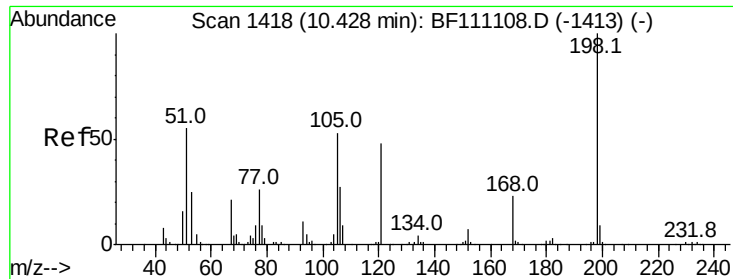


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





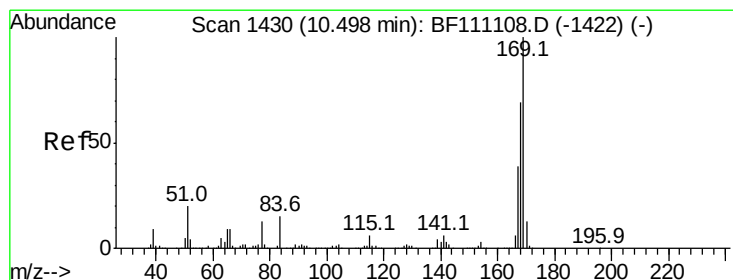
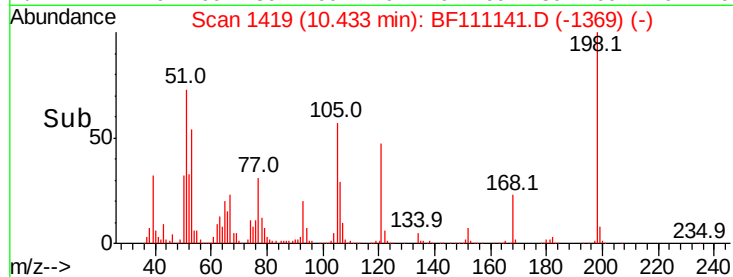
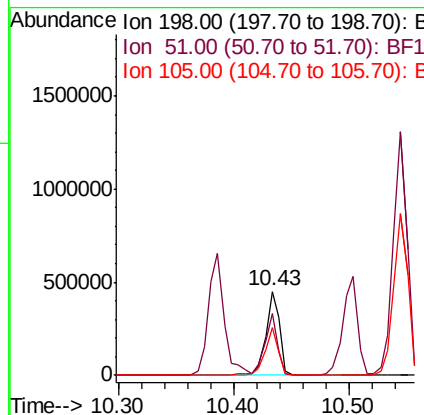
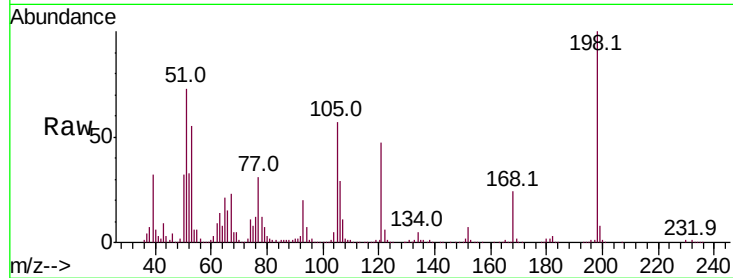
#65
4,6-Dinitro-2-methylphenol
Concen: 47.713 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	377786		
51	73.5	48.8	88.8	
105	56.7	35.2	75.2	

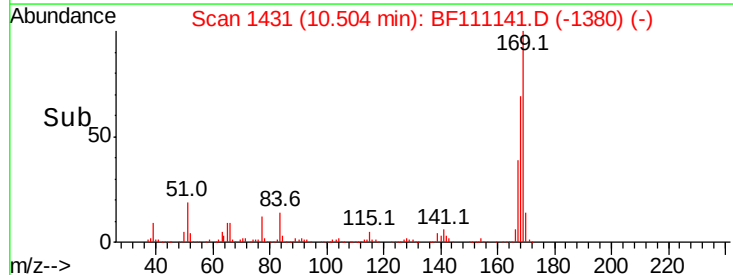
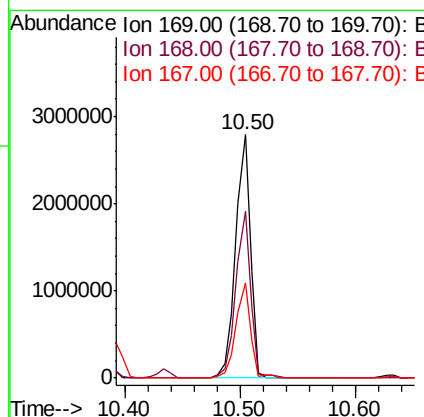
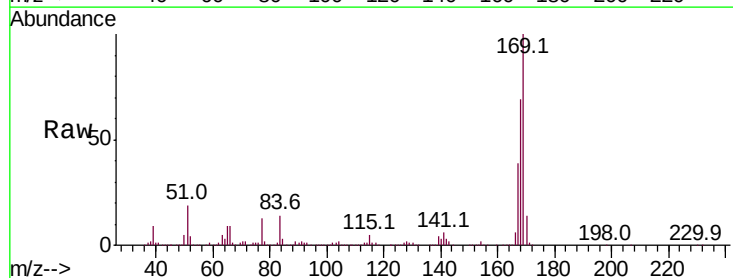
Manual Integrations
APPROVED

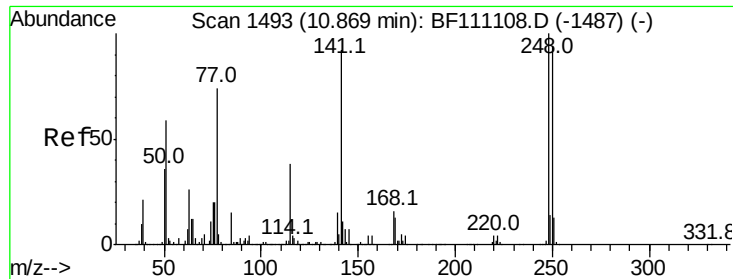
mohammad
12/10/2018 12:18:56 PM



#66
n-Nitrosodiphenylamine
Concen: 37.051 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2486429		
168	68.6	55.4	83.2	
167	39.3	31.1	46.7	





#67

4-Bromophenyl-phenylether

Concen: 38.701 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

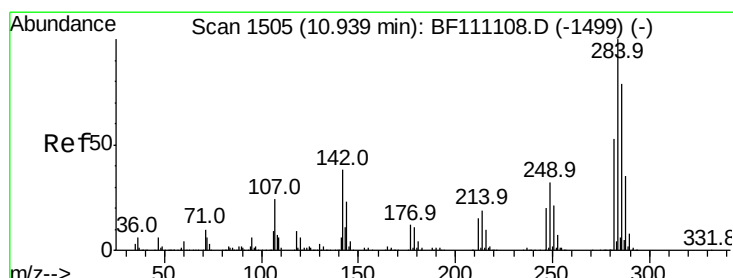
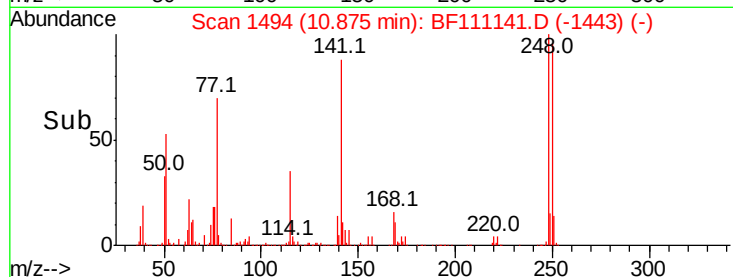
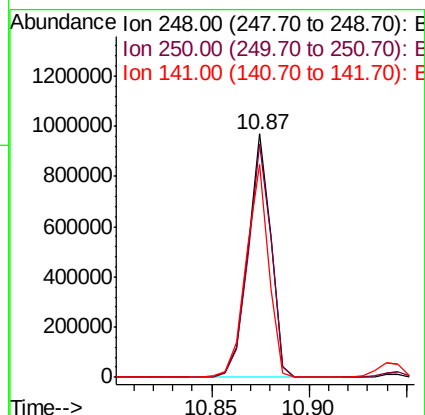
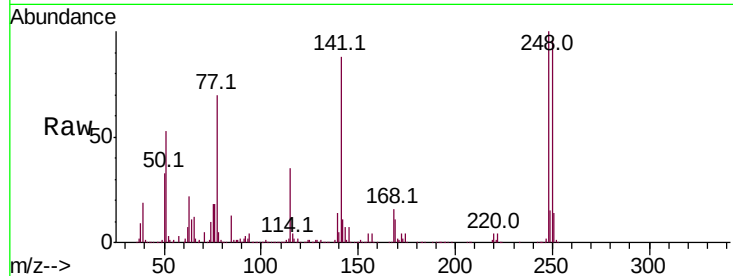
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	785154
Ion Ratio	Lower	Upper	
248	100		
250	95.9	75.4	113.0
141	87.6	73.8	110.6

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM



#68

Hexachlorobenzene

Concen: 38.590 ng

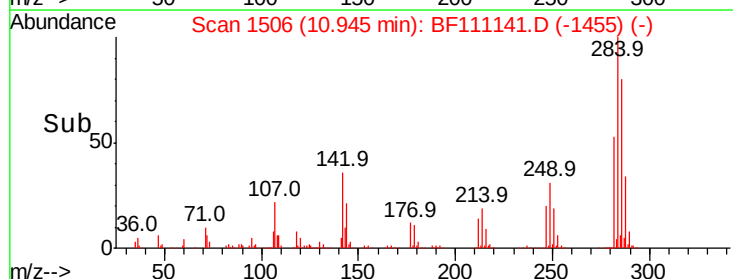
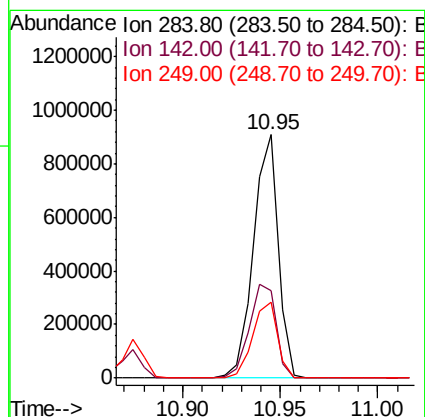
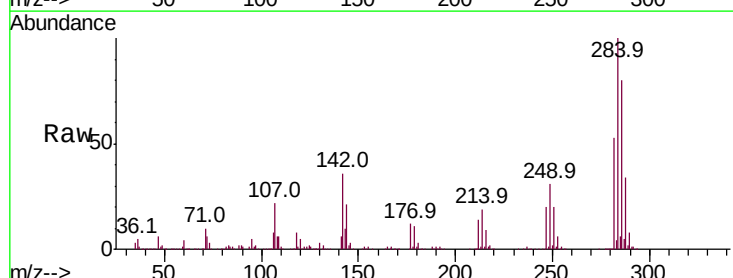
RT: 10.95 min Scan# 1506

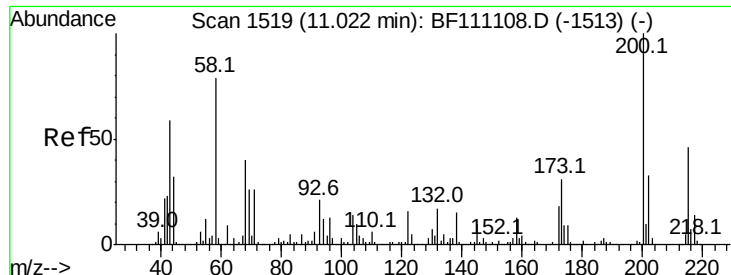
Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion:	284	Resp:	800524
Ion Ratio	Lower	Upper	
284	100		
142	35.8	30.2	45.2
249	31.2	25.3	37.9





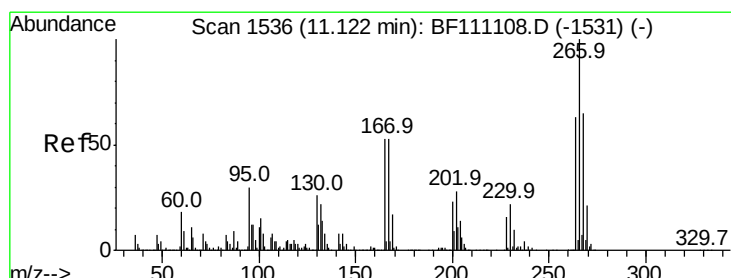
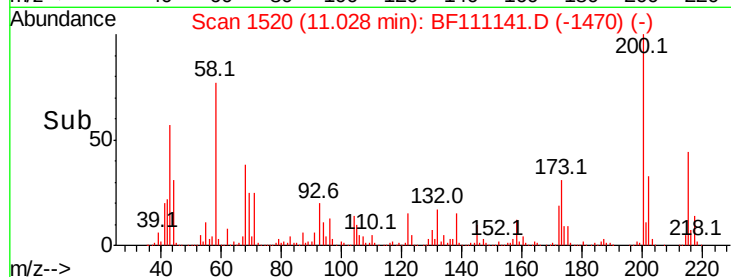
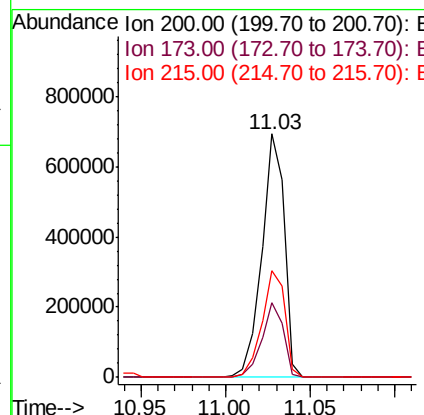
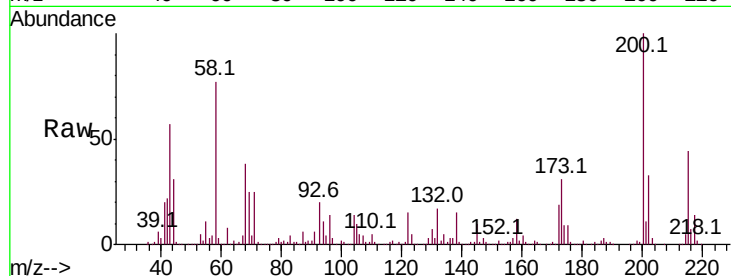
#69
Atrazine
Concen: 36.383 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.6	11.3	51.3
215	44.0	25.9	65.9

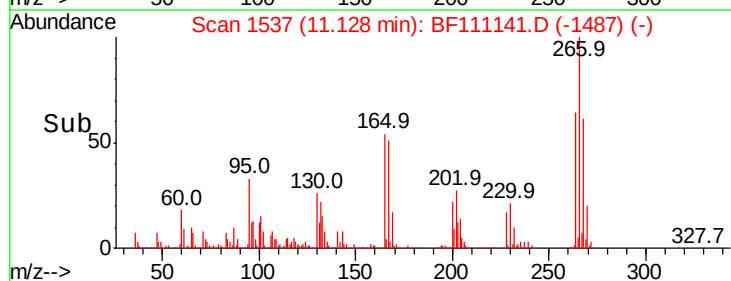
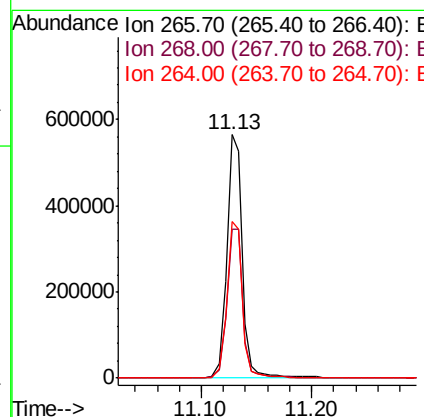
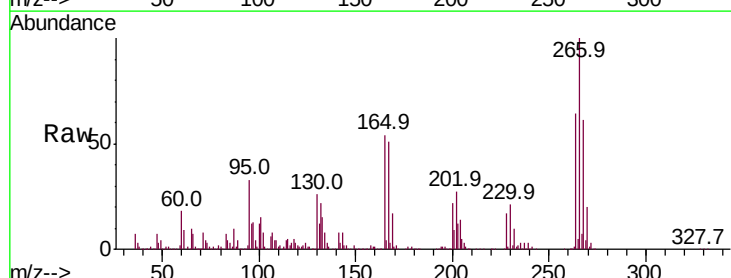
Manual Integrations
APPROVED

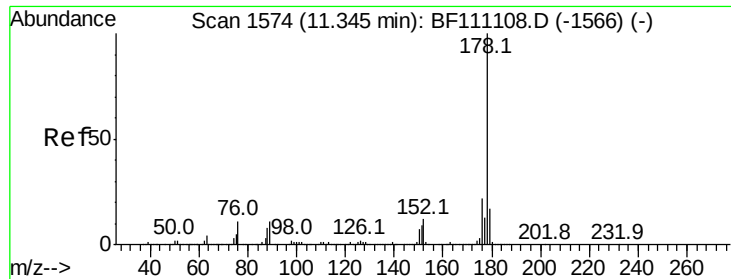
mohammad
12/10/2018 12:18:56 PM



#70
Pentachlorophenol
Concen: 40.768 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	52.2	78.4
264	64.1	50.8	76.2





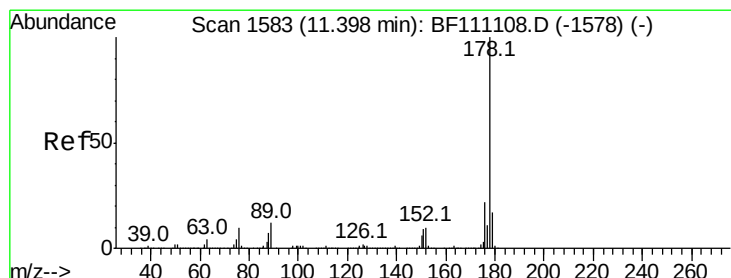
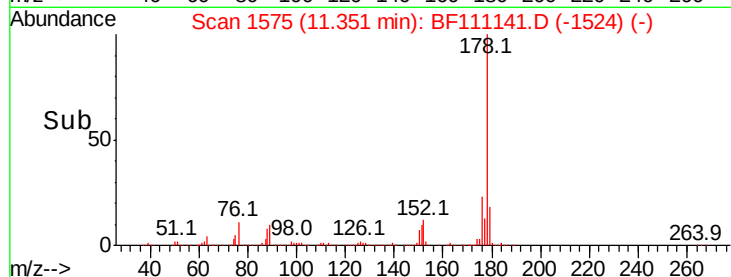
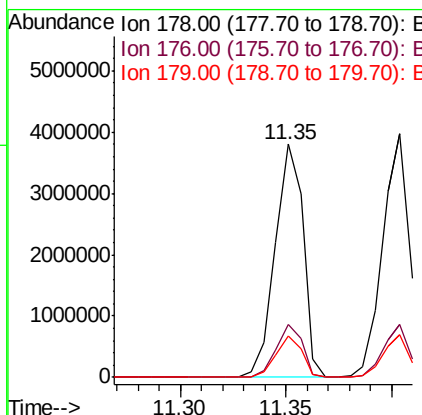
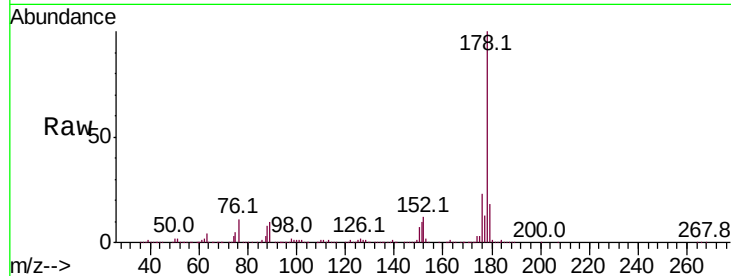
#71
Phenanthrene
Concen: 38.122 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 3514348
Ion Ratio Lower Upper
178 100
176 22.6 17.7 26.5
179 17.7 14.0 21.0

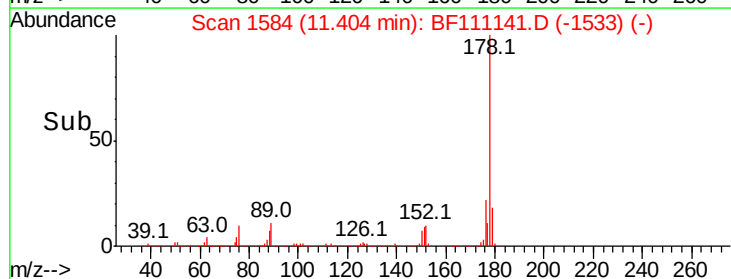
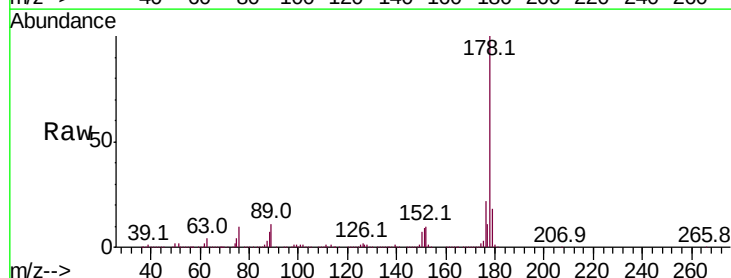
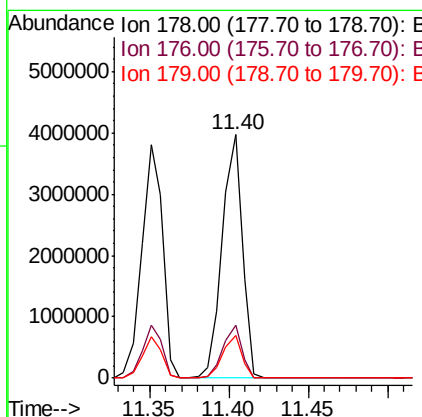
Manual Integrations
APPROVED

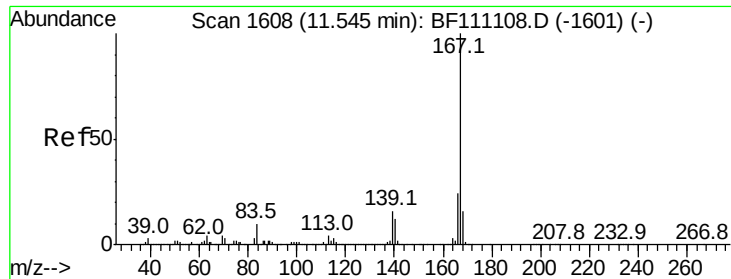
mohammad
12/10/2018 12:18:56 PM



#72
Anthracene
Concen: 37.926 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:178 Resp: 3524270
Ion Ratio Lower Upper
178 100
176 21.7 17.3 25.9
179 17.7 13.8 20.8





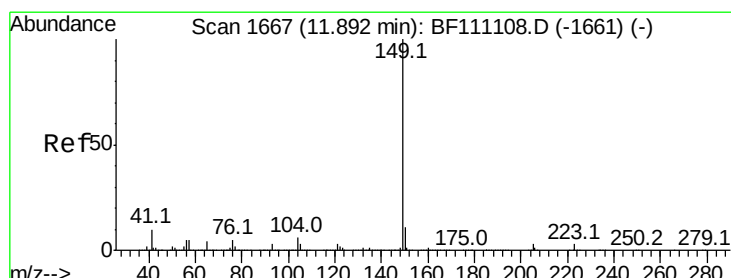
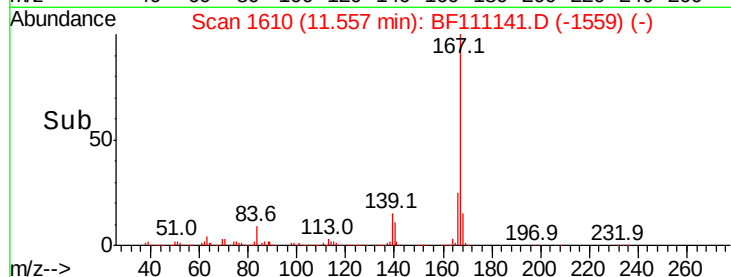
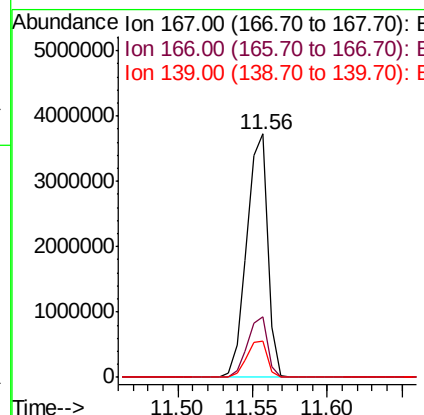
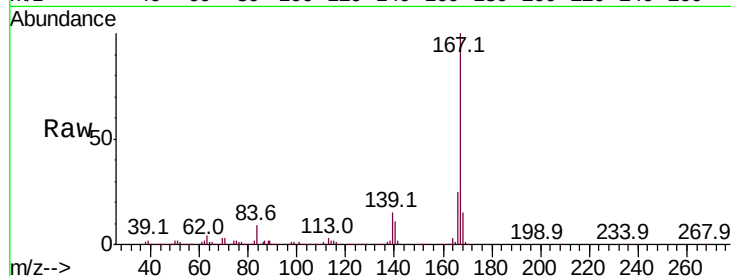
#73
 Carbazole
 Concen: 37.625 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.4	29.0
139	15.1	12.6	18.8

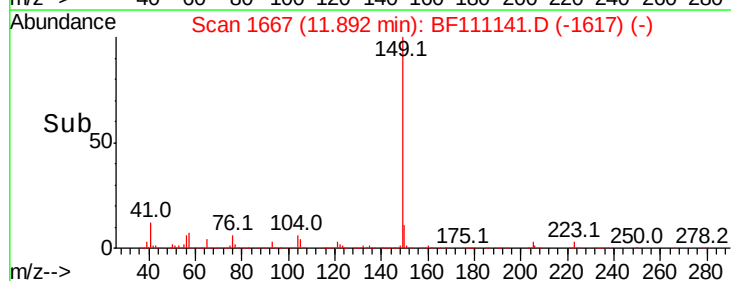
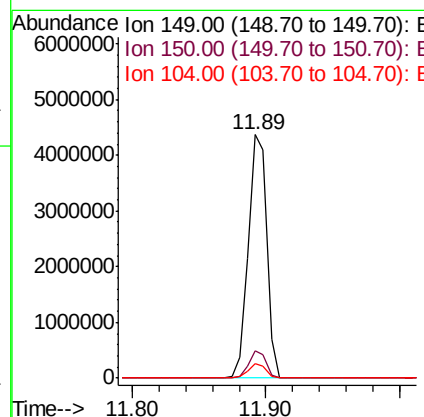
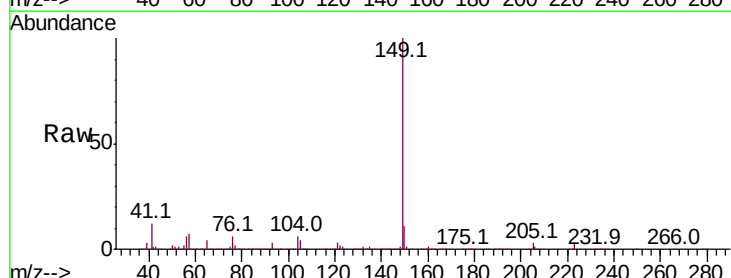
Manual Integrations
 APPROVED

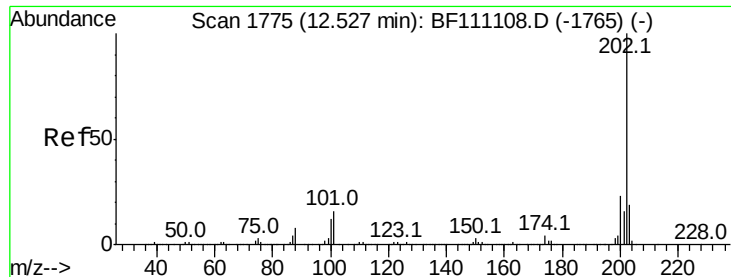
mohammad
 12/10/2018 12:18:56 PM



#74
 Di-n-butylphthalate
 Concen: 36.648 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.6	12.8
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 38.296 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 3454612

Ion Ratio Lower Upper

202 100

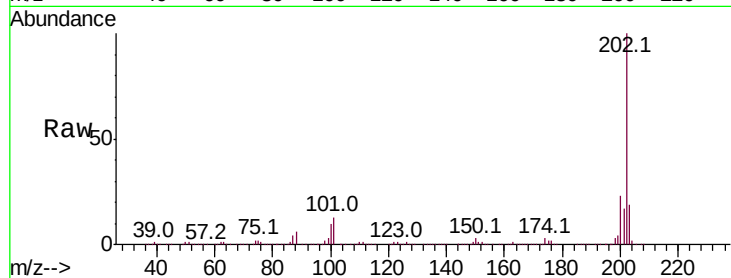
101 13.4 0.0 35.8

203 19.0 0.0 38.6

Manual Integrations
APPROVED

mohammad

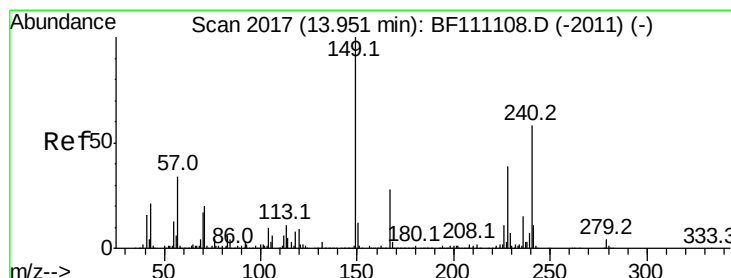
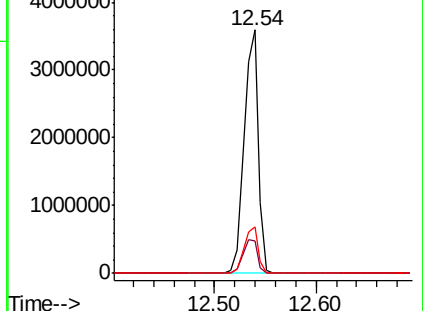
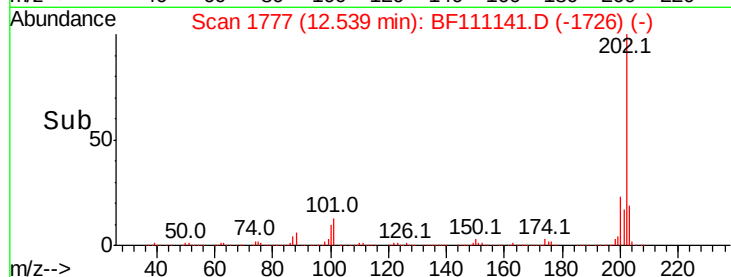
12/10/2018 12:18:56 PM



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: BF111141.D

Acq: 6 Dec 2018 16:38

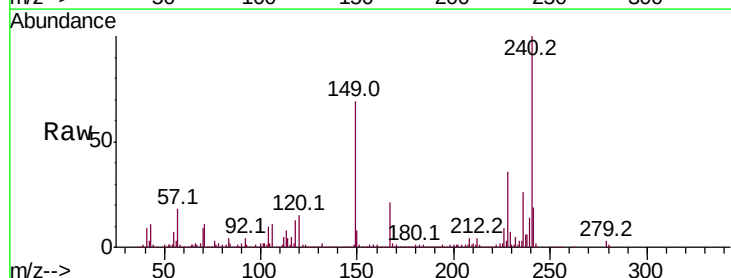
Tgt Ion:240 Resp: 1288284

Ion Ratio Lower Upper

240 100

120 15.0 12.8 19.2

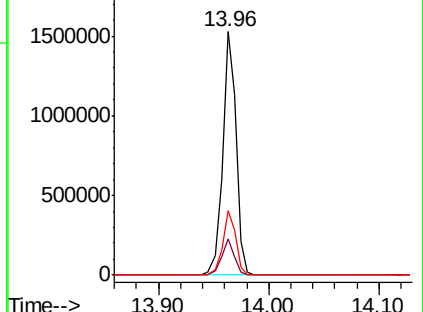
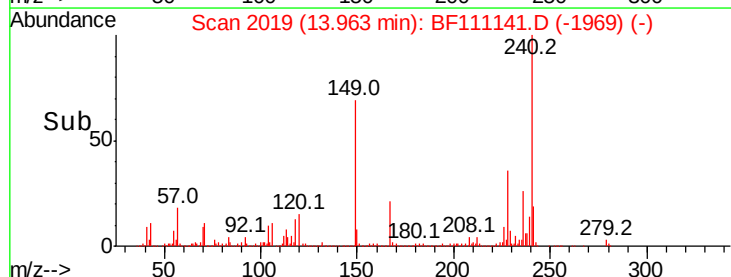
236 26.5 21.1 31.7

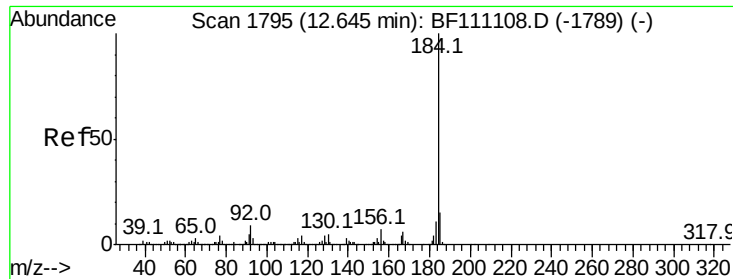


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.382 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1296015

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

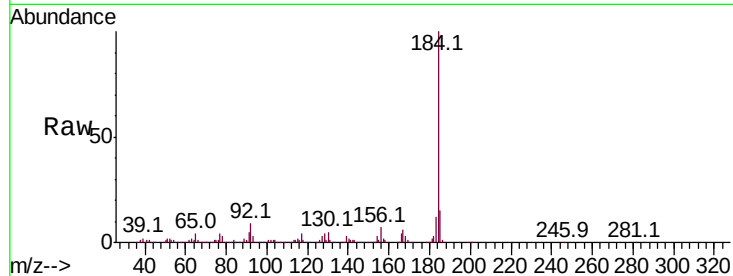
183 12.0 8.9 13.3

Manual Integrations

APPROVED

mohammad

12/10/2018 12:18:56 PM

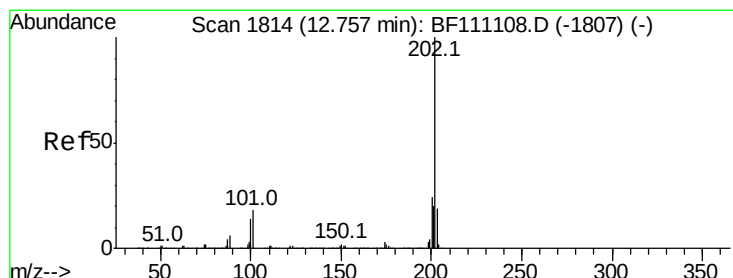
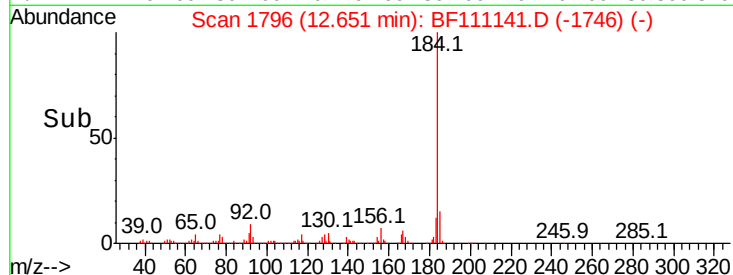
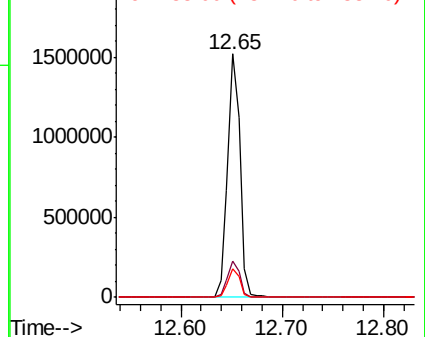


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.636 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

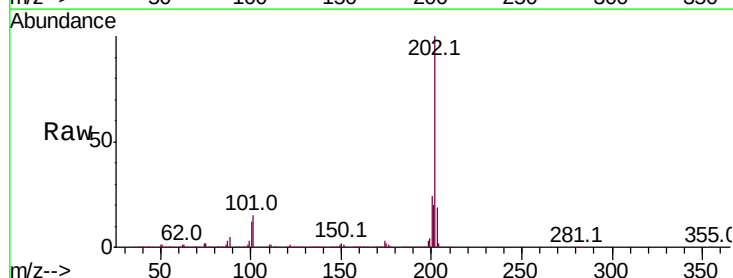
Tgt Ion:202 Resp: 3576636

Ion Ratio Lower Upper

202 100

200 24.0 19.3 28.9

203 18.7 15.4 23.2

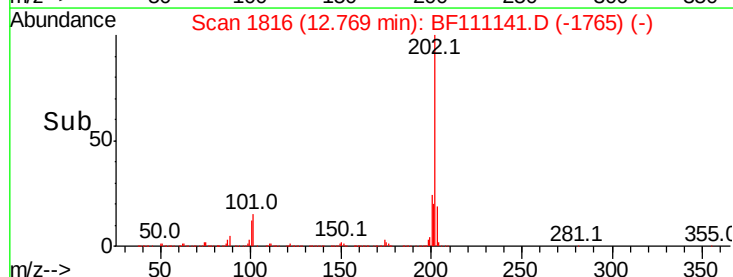
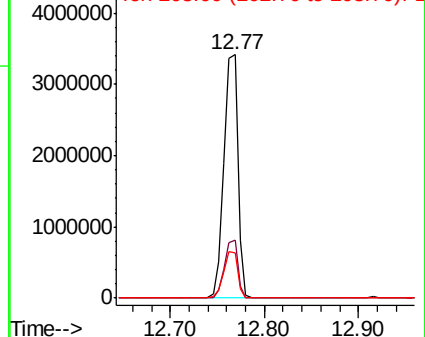


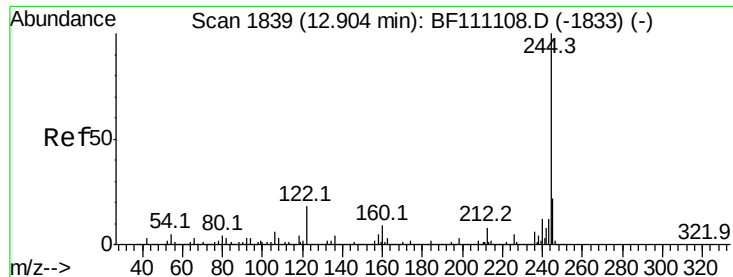
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





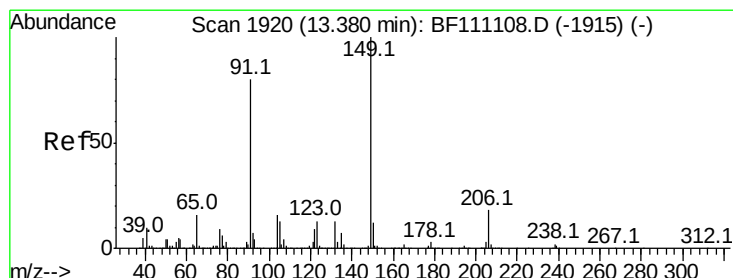
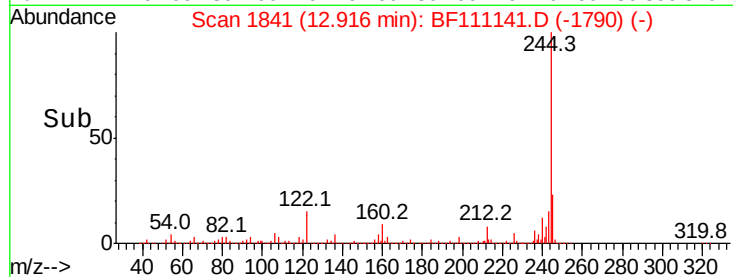
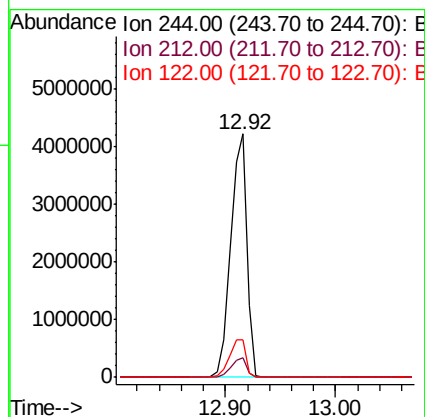
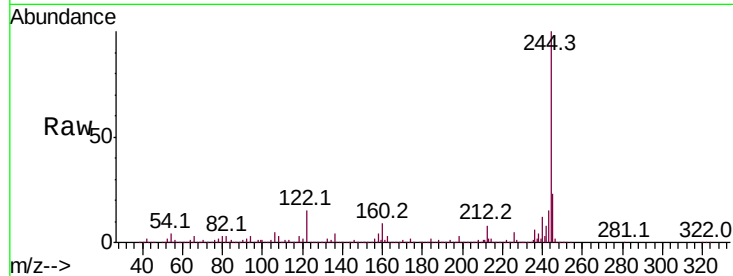
#79
Terphenyl-d14
Concen: 68.579 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	15.2	14.2	21.2

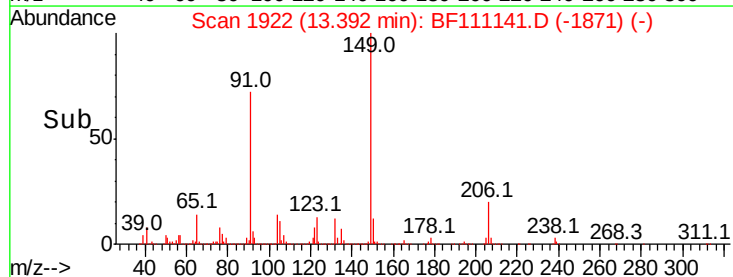
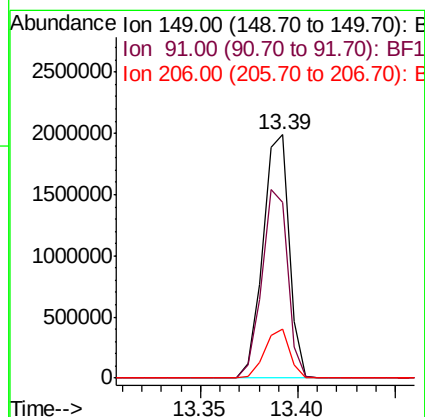
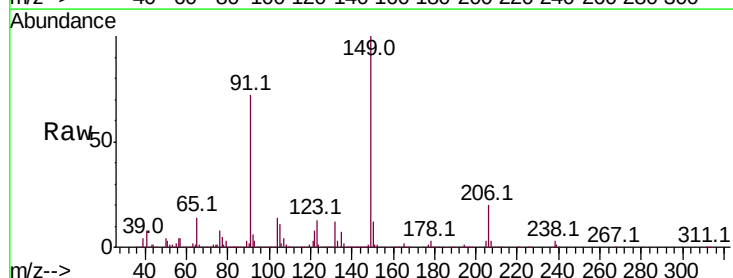
Manual Integrations
APPROVED

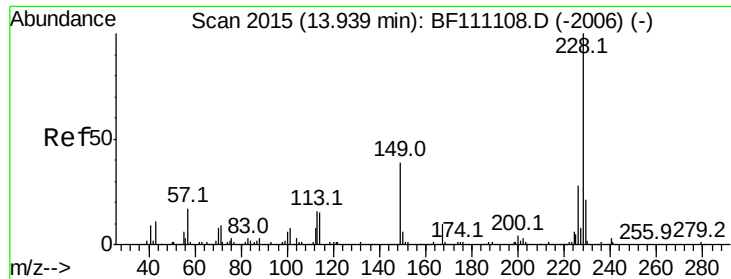
mohammad
12/10/2018 12:18:56 PM



#80
Butylbenzylphthalate
Concen: 38.345 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	64.0	96.0
206	20.3	14.1	21.1





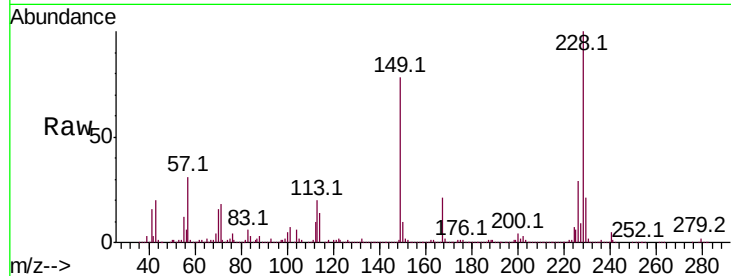
#81
Benzo(a)anthracene
Concen: 36.304 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

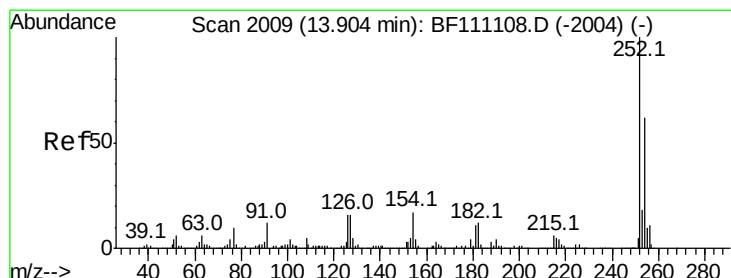
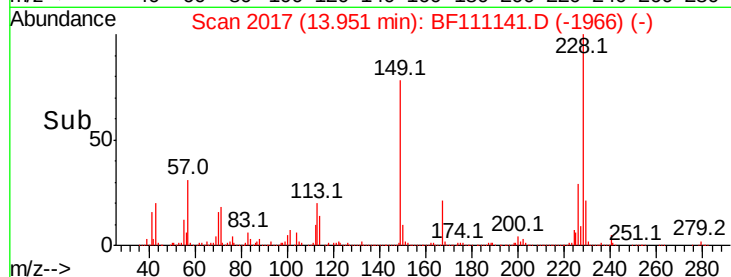
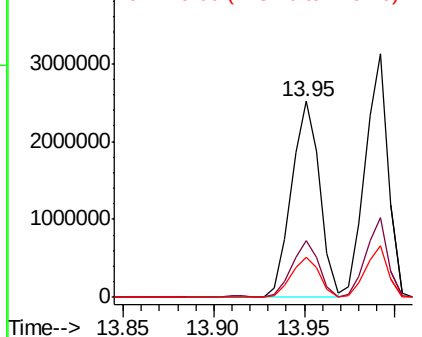
Tot Ion:228 Resp: 2740266
Ion Ratio Lower Upper
228 100
226 29.3 22.6 34.0
229 20.8 16.7 25.1

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

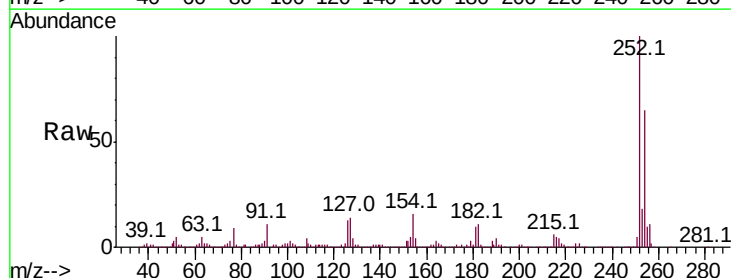


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

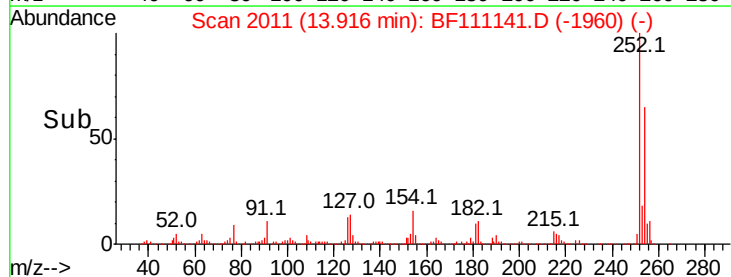
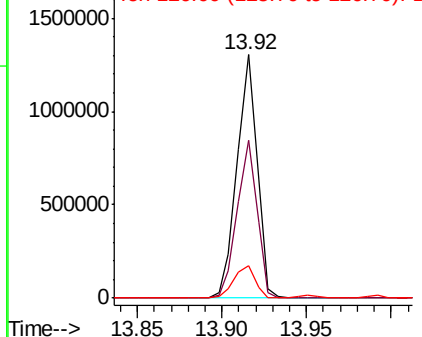


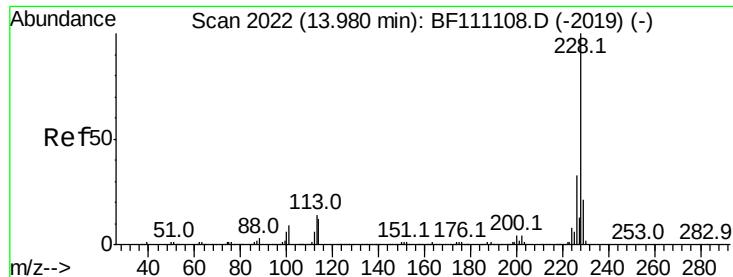
#82
3,3'-Dichlorobenzidine
Concen: 38.087 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:252 Resp: 1084925
Ion Ratio Lower Upper
252 100
254 64.9 49.8 74.8
126 13.1 12.9 19.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





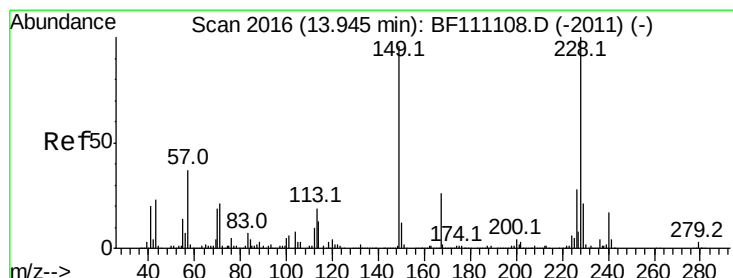
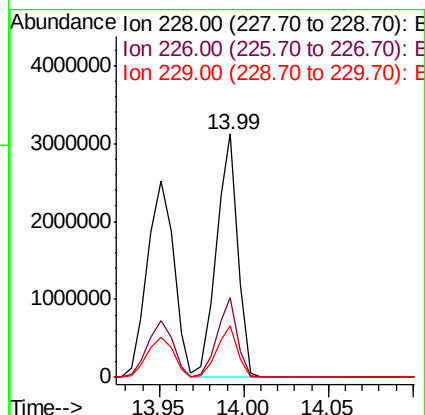
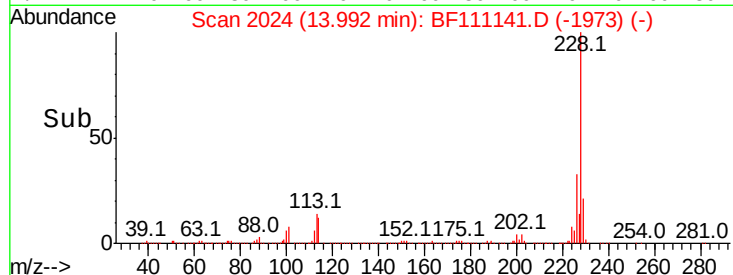
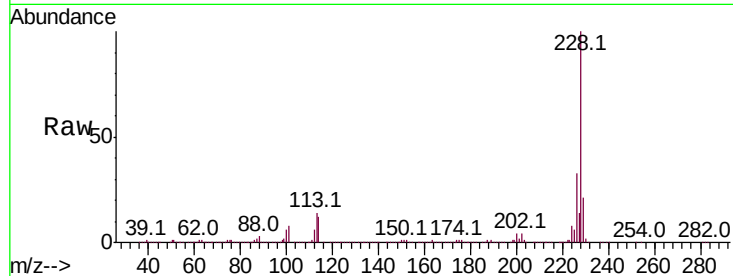
#83
 Chrysene
 Concen: 36.817 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.2	39.2
229	21.1	16.9	25.3

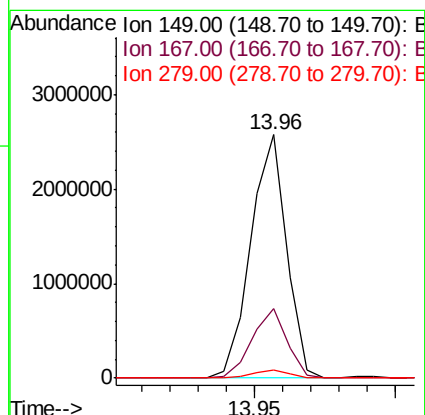
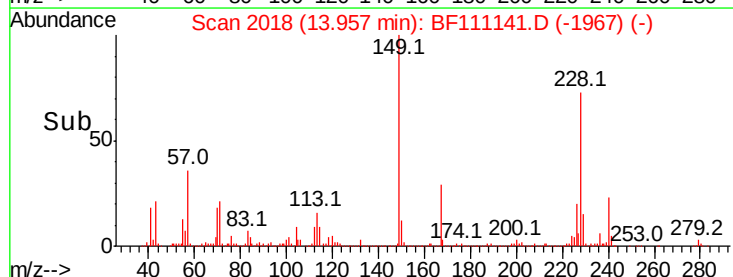
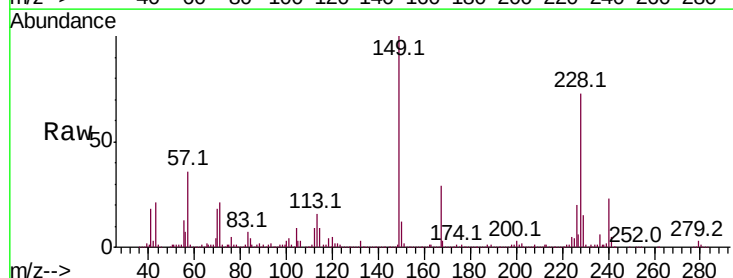
Manual Integrations
 APPROVED

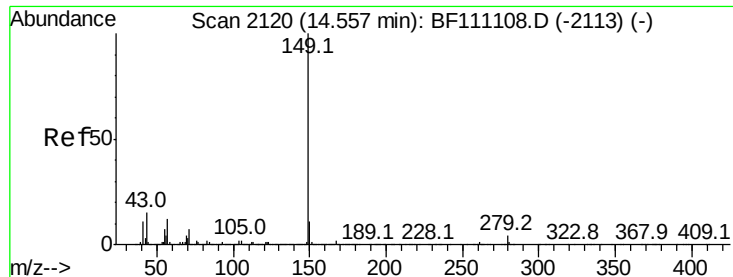
mohammad
 12/10/2018 12:18:56 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.546 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.6	32.4
279	3.4	2.3	3.5





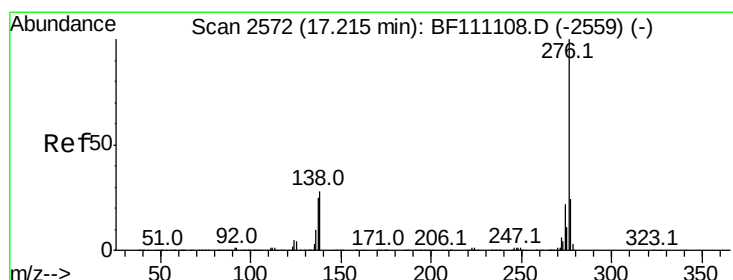
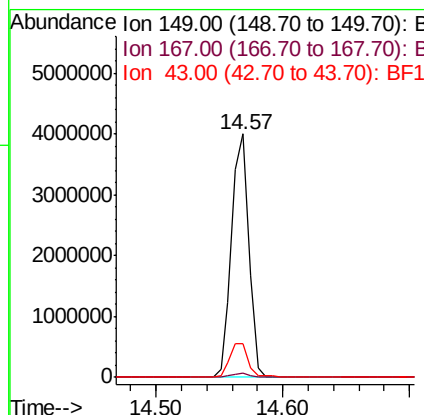
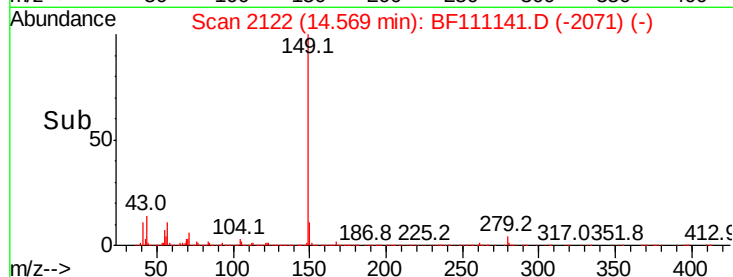
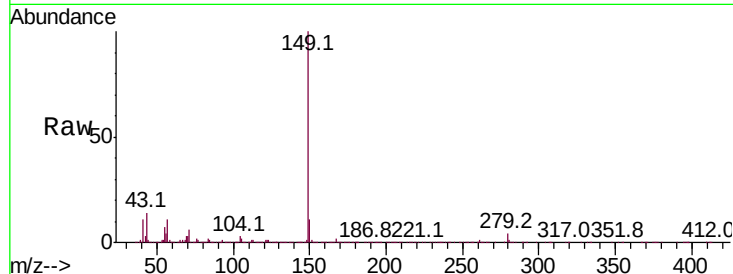
#85
Di-n-octyl phthalate
Concen: 40.739 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 3750702
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.9 11.9 17.9

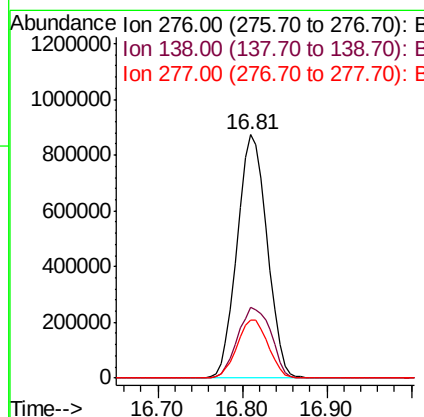
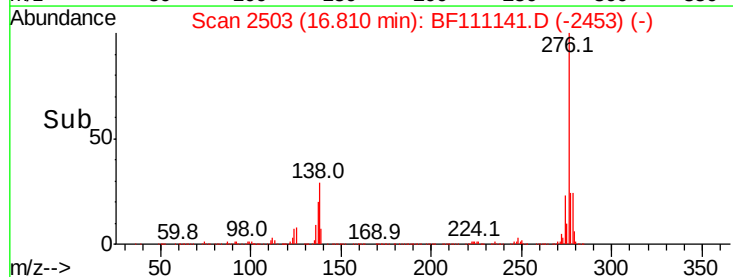
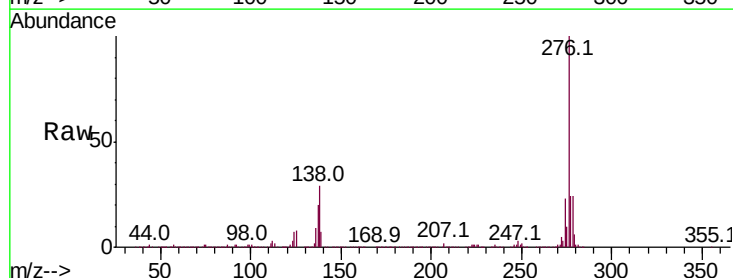
Manual Integrations
APPROVED

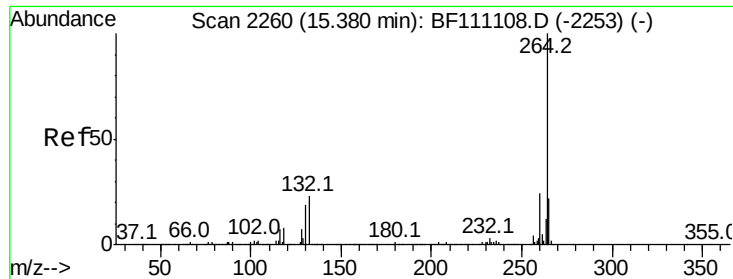
mohammad
12/10/2018 12:18:56 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.578 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:276 Resp: 2140469
Ion Ratio Lower Upper
276 100
138 32.4 20.2 30.4#
277 24.8 15.8 23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1081763

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

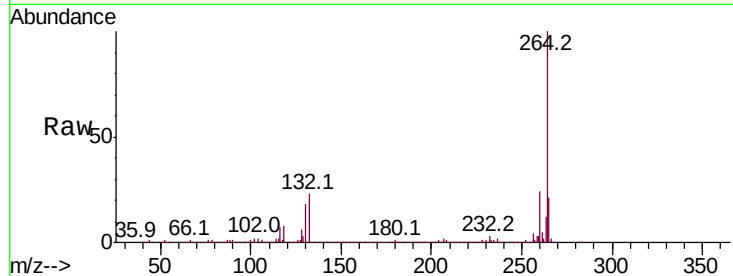
265 21.2 17.4 26.0

Manual Integrations

APPROVED

mohammad

12/10/2018 12:18:56 PM

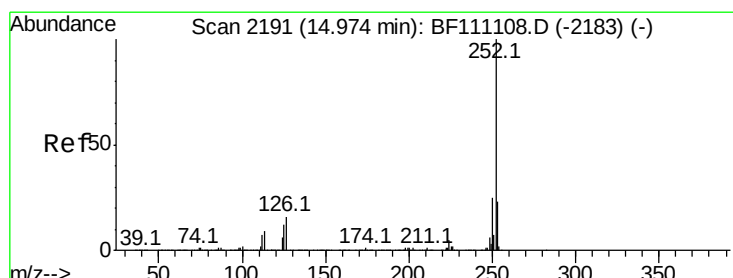
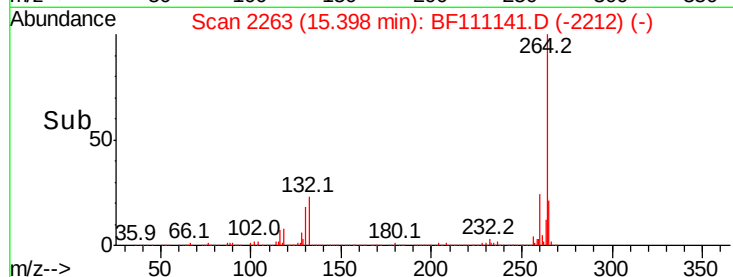
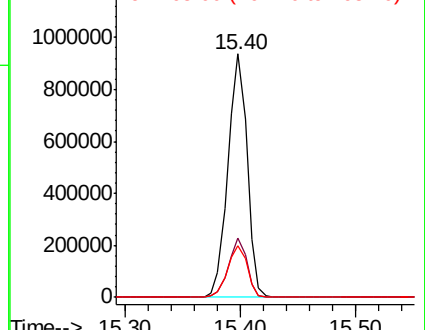


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.804 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

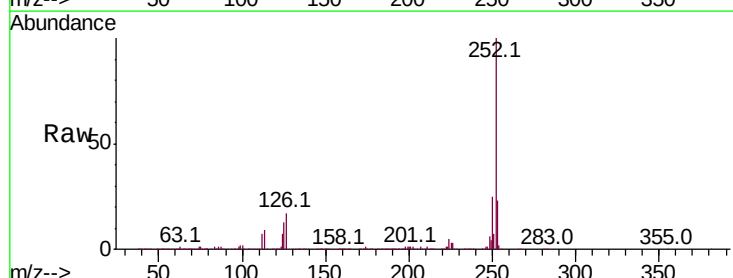
Tgt Ion:252 Resp: 2317291

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

125 13.1 9.9 14.9

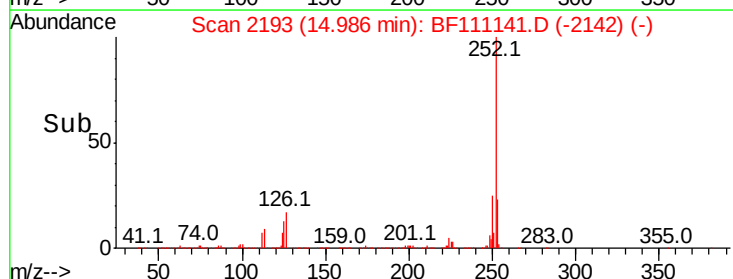
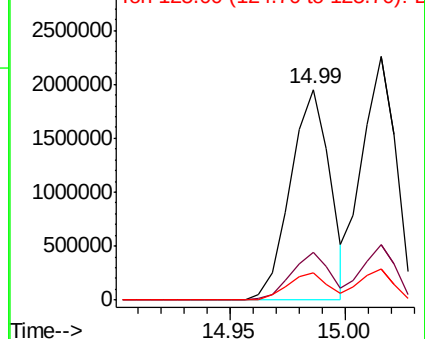


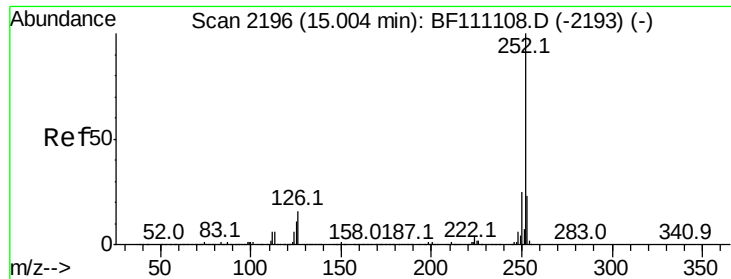
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





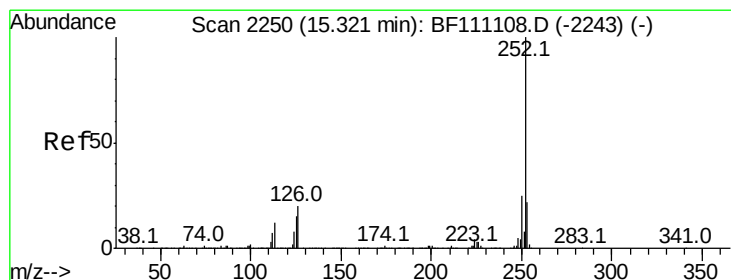
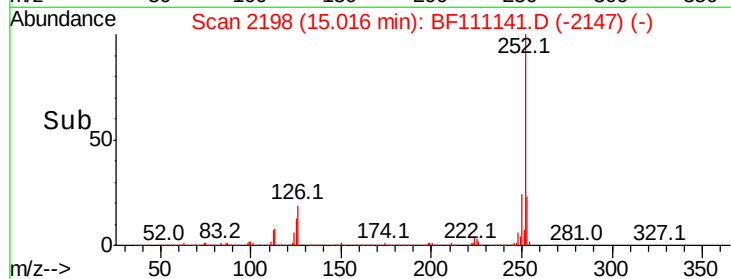
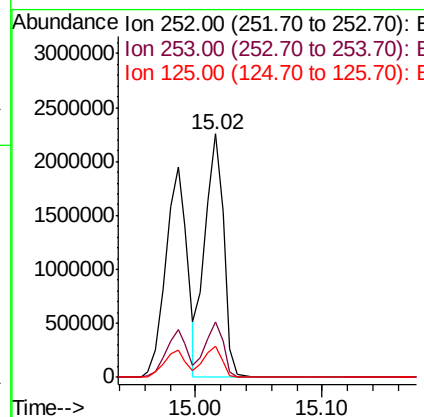
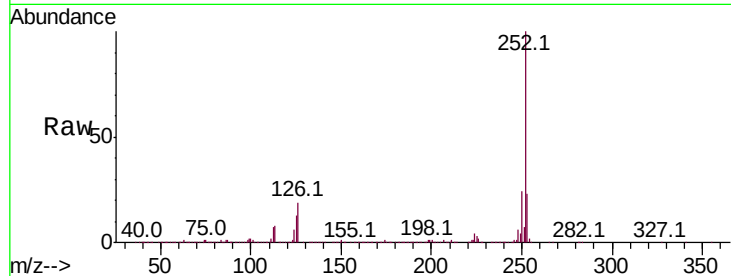
#89
Benzo(k)fluoranthene
Concen: 38.957 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.8	9.9	14.9

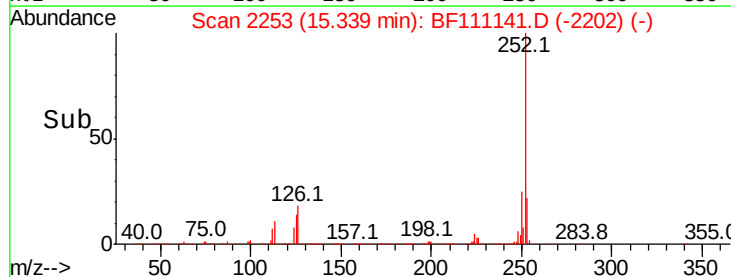
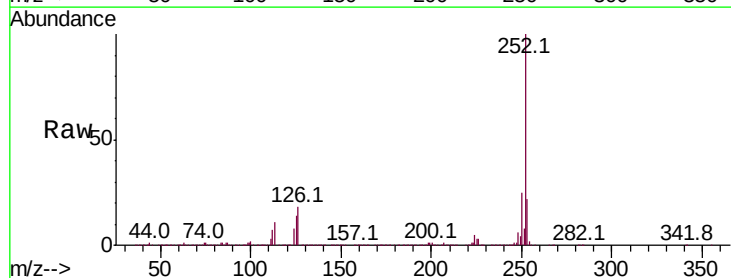
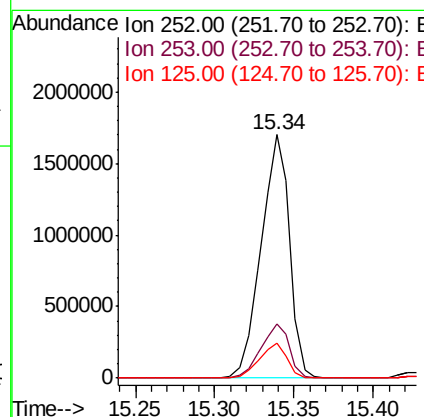
Manual Integrations
APPROVED

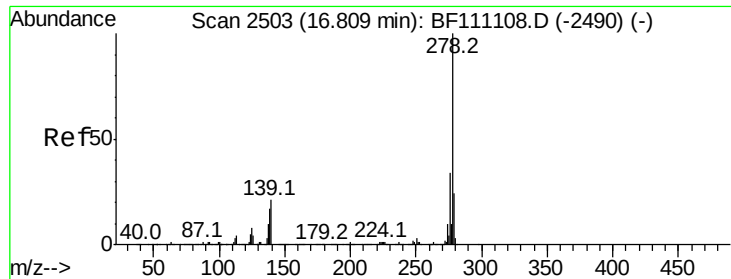
mohammad
12/10/2018 12:18:56 PM



#90
Benzo(a)pyrene
Concen: 37.749 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.2	12.4	18.6





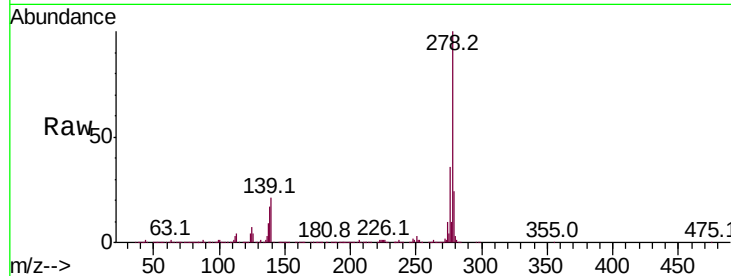
#91
Dibenzo(a,h)anthracene
Concen: 37.930 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	25.0
279	23.6	18.8	28.2

Manual Integrations
APPROVED

mohammad
12/10/2018 12:18:56 PM

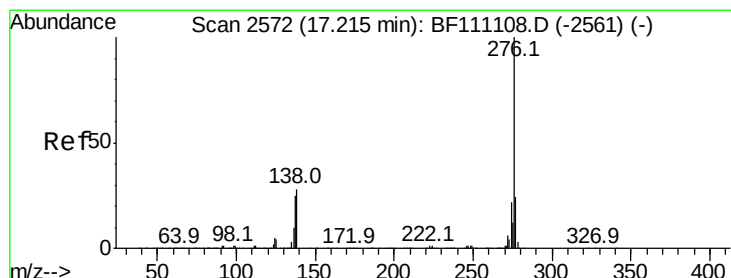
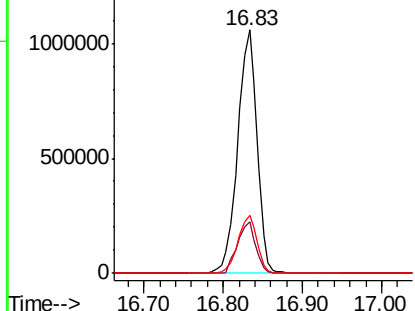
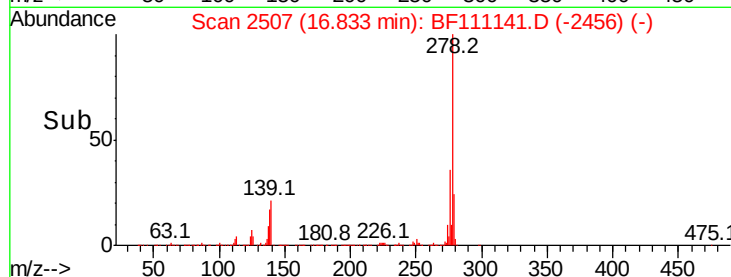


Abundance

Ion 278.00 (277.70 to 278.70): E

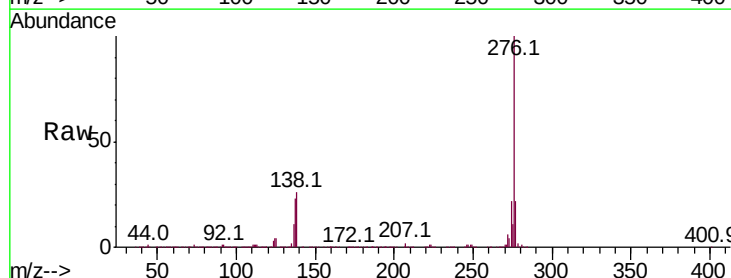
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.590 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.3	28.9
138	26.5	22.3	33.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

