

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111179.D
 Acq On : 7 Dec 2018 11:43
 Operator : JU/SJ
 Sample : PB115243BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:39 AM

Quant Time: Dec 10 13:11:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:15:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	432727	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1716035	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	795783	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1335588	20.00	ng	0.00
76) Chrysene-d12	13.96	240	812322	20.00	ng	0.01
87) Perylene-d12	15.40	264	624988	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	3195394	115.23	ng	0.02
7) Phenol-d6	6.45	99	4029301	112.80	ng	0.01
23) Nitrobenzene-d5	7.37	82	2132796	73.58	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	847779	134.02	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3515397	81.11	ng	0.00
79) Terphenyl-d14	12.92	244	3000302	75.64	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	529079	33.170	ng	99
3) Pyridine	3.40	79	1455686	41.148	ng	97
4) n-Nitrosodimethylamine	3.35	42	751987	43.173	ng	96
6) Aniline	6.47	93	1475550	30.917	ng	99
8) 2-Chlorophenol	6.60	128	1285454	40.217	ng	99
9) Benzaldehyde	6.35	77	542821	25.286	ng	99
10) Phenol	6.46	94	1566700	40.223	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	1226324	38.522	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1343965	39.536	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1372639	40.125	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1296516	40.743	ng	99
15) Benzyl Alcohol	6.95	79	1148366	40.573	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2436989	39.354	ng	99
17) 2-Methylphenol	7.06	107	1079274	41.135	ng	98
18) Hexachloroethane	7.32	117	530180	41.314	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	911539	37.971	ng	99
20) 3+4-Methylphenols	7.22	107	1258490	39.327	ng	94
22) Acetophenone	7.22	105	1720079	41.478	ng	# 90
24) Nitrobenzene	7.39	77	1365079	43.776	ng	99
25) Isophorone	7.63	82	2487382	46.760	ng	100
26) 2-Nitrophenol	7.70	139	679516	51.573	ng	92
27) 2,4-Dimethylphenol	7.75	122	1223750	49.316	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1563768	43.425	ng	99
29) 2,4-Dichlorophenol	7.95	162	1069484	43.779	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1073416	43.533	ng	99
31) Naphthalene	8.11	128	3623503	48.498	ng	98
32) Benzoic acid	7.87	122	826463	50.507	ng	97
33) 4-Chloroaniline	8.16	127	874716	24.220	ng	96
34) Hexachlorobutadiene	8.24	225	581507	43.396	ng	100
35) Caprolactam	8.53	113	356498m	39.746	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1138355	42.542	ng	99
37) 2-Methylnaphthalene	8.80	142	2456028	47.656	ng	98
38) 1-Methylnaphthalene	8.90	142	2304895	46.518	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	856810	40.398	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111179.D
 Acq On : 7 Dec 2018 11:43
 Operator : JU/SJ
 Sample : PB115243BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BS

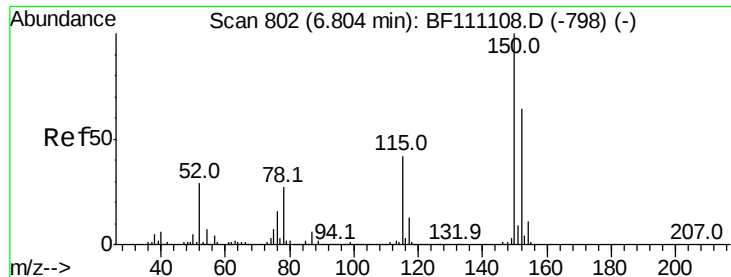
Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:39 AM

Quant Time: Dec 10 13:11:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:15:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1200130	107.313	nq	97
43) 2,4,6-Trichlorophenol	9.08	196	715755	46.207	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	712920	45.401	nq	97
46) 1,1'-Biphenyl	9.27	154	2683142	41.187	nq	99
47) 2-Chloronaphthalene	9.29	162	2161671	42.703	nq	98
48) 2-Nitroaniline	9.38	65	740782	45.156	nq	97
49) Acenaphthylene	9.71	152	3322242	46.952	nq	99
50) Dimethylphthalate	9.57	163	2416349	43.629	nq	99
51) 2,6-Dinitrotoluene	9.63	165	560556	47.739	nq	100
52) Acenaphthene	9.88	154	2217562	47.438	nq	99
53) 3-Nitroaniline	9.79	138	468695	31.777	nq	94
54) 2,4-Dinitrophenol	9.90	184	440574	115.246	nq	# 73
55) Dibenzofuran	10.05	168	2893500	44.940	nq	97
56) 4-Nitrophenol	9.96	139	992997	89.341	nq	90
57) 2,4-Dinitrotoluene	10.03	165	736934	48.594	nq	93
58) Fluorene	10.39	166	2154097	47.443	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	578001	49.319	nq	95
60) Diethylphthalate	10.27	149	2362286	42.681	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	974967	43.573	nq	98
62) 4-Nitroaniline	10.41	138	613989	46.123	nq	94
63) Azobenzene	10.55	77	2425280	41.158	nq	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	298188	54.041	nq	83
66) n-Nitrosodiphenylamine	10.50	169	1974144	42.213	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	602337	42.604	nq	97
68) Hexachlorobenzene	10.95	284	621755	43.009	nq	99
69) Atrazine	11.03	200	627251	50.385	nq	96
70) Pentachlorophenol	11.13	266	744845	78.349	nq	97
71) Phenanthrene	11.35	178	3012993	46.899	nq	98
72) Anthracene	11.40	178	3095302	47.798	nq	99
73) Carbazole	11.56	167	2855996	42.385	nq	98
74) Di-n-butylphthalate	11.89	149	3435325	43.553	nq	99
75) Fluoranthene	12.54	202	2947578	46.888	nq	98
77) Benzidine	12.66	184	1405350	51.879	nq	98
78) Pyrene	12.77	202	2951283	46.634	nq	99
80) Butylbenzylphthalate	13.39	149	1421120	46.484	nq	92
81) Benzo(a)anthracene	13.95	228	2125140	44.651	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	514611	28.651	nq	96
83) Chrysene	13.99	228	2143565	45.368	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1628068	44.088	nq	# 98
85) Di-n-octyl phthalate	14.56	149	2621332	45.155	nq	97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1727203	45.530	nq	# 88
88) Benzo(b)fluoranthene	14.99	252	1732941	48.933	nq	99
89) Benzo(k)fluoranthene	15.02	252	1675091	48.927	nq	99
90) Benzo(a)pyrene	15.34	252	1578585	48.596	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	1433255	52.578	nq	99
92) Benzo(g,h,i)perylene	17.24	276	1476380	53.895	nq	99

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



#1

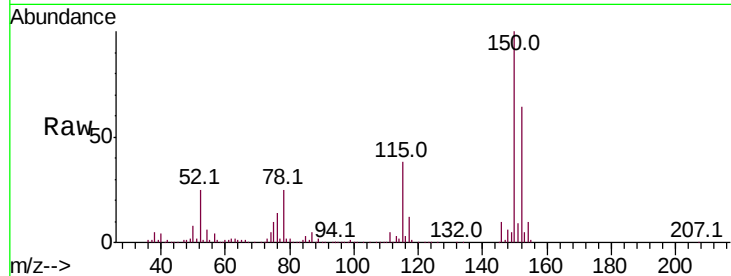
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	187.0
115	59.2	52.2	78.2

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM

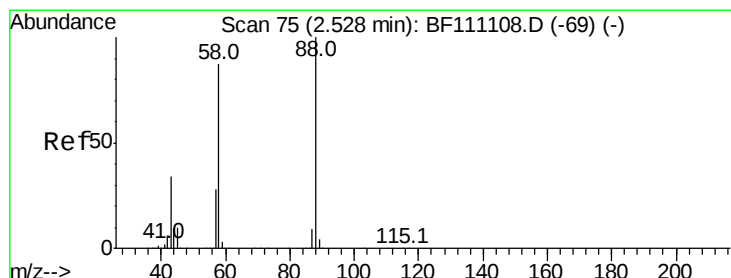
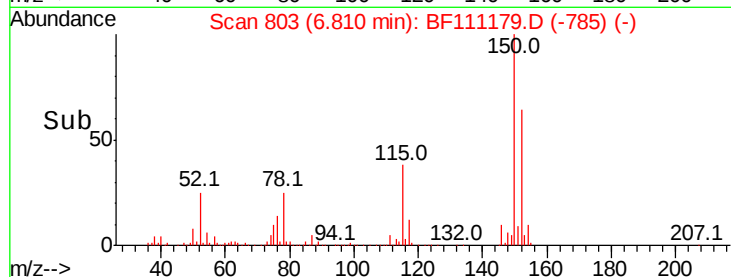
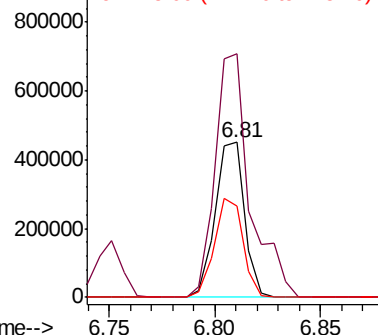


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

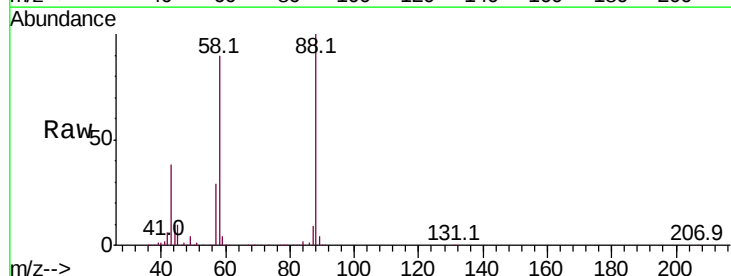
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.170 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.15 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.8	106.2
43	37.5	28.3	42.5

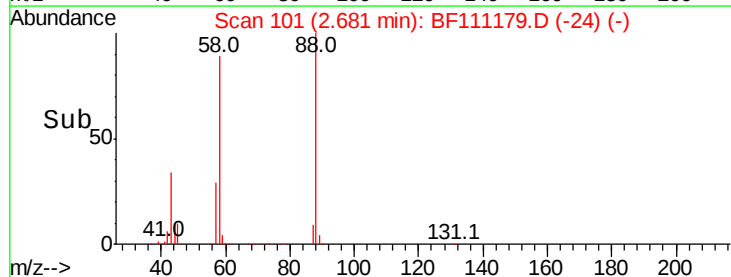
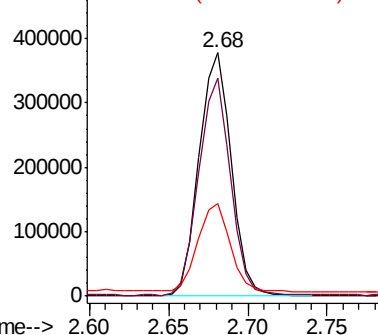


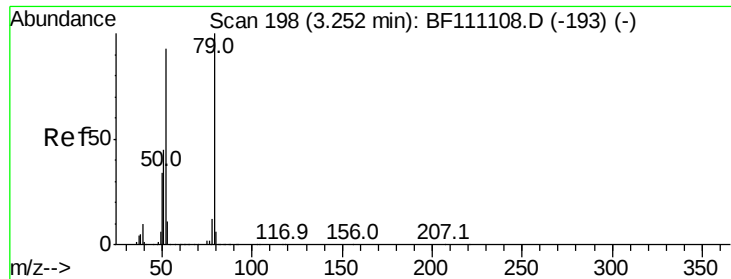
Abundance

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: 41.148 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.15 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion: 79 Resp: 1455686

Ion Ratio Lower Upper

79 100

52 89.6 74.7 112.1

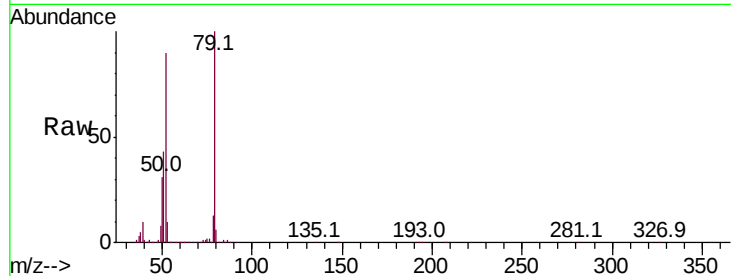
51 43.5 35.9 53.9

Manual Integrations

APPROVED

Sohil

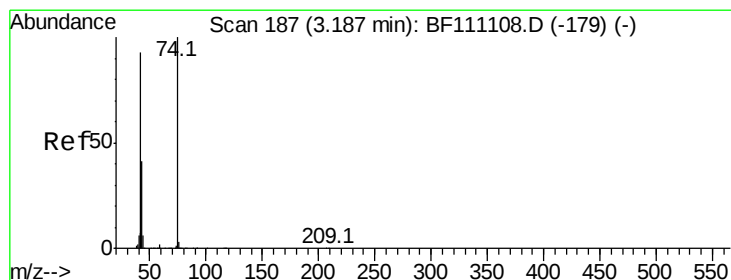
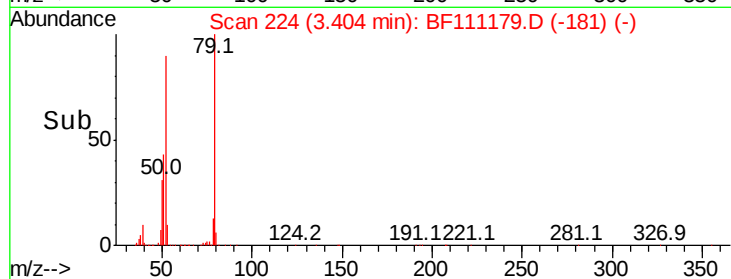
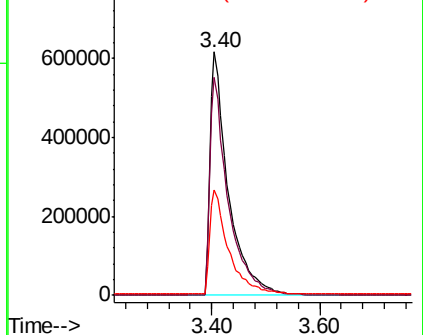
12/11/2018 8:44:39 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.173 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.16 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

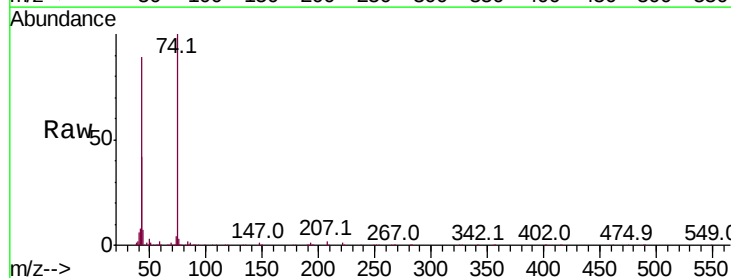
Tgt Ion: 42 Resp: 751987

Ion Ratio Lower Upper

42 100

74 112.3 86.2 129.2

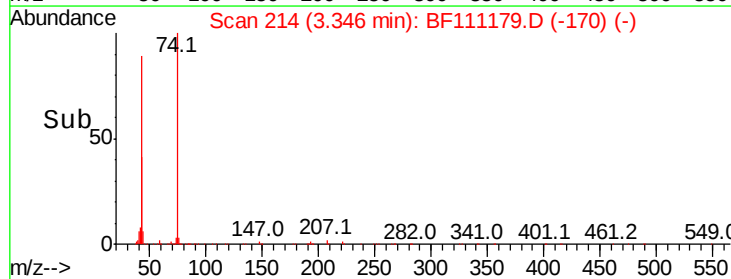
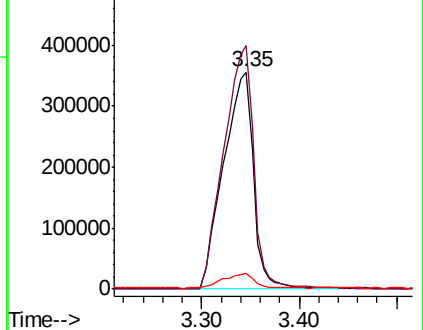
44 7.5 5.7 8.5

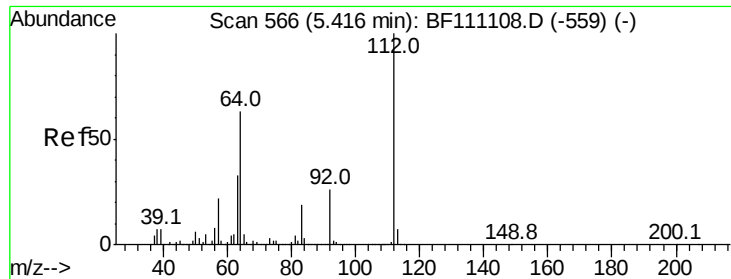


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.229 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion:112 Resp: 3195394

Ion Ratio Lower Upper

112 100

64 67.1 50.2 75.4

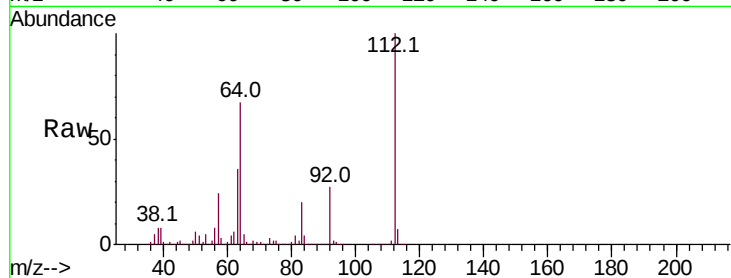
63 36.0 26.6 39.8

Manual Integrations

APPROVED

Sohil

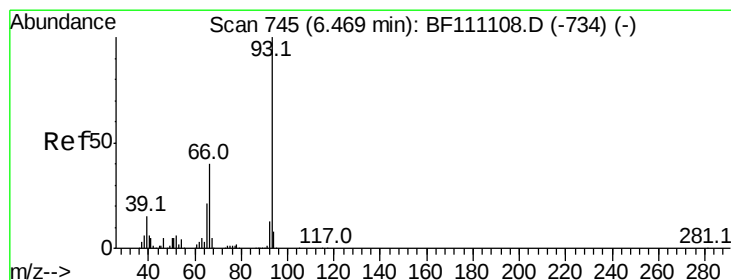
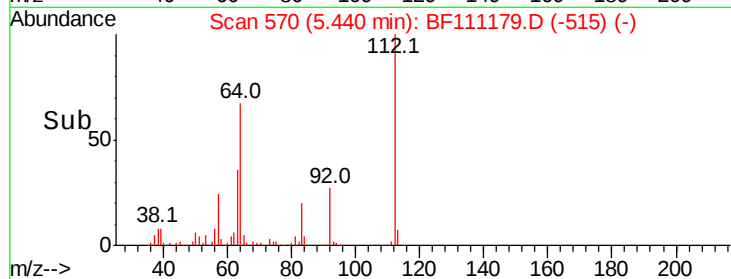
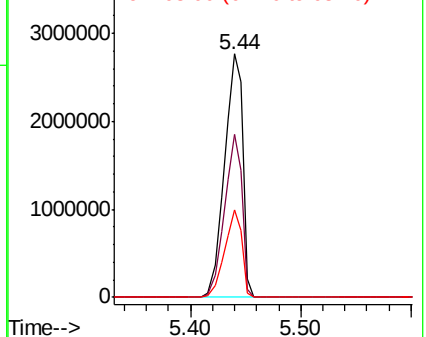
12/11/2018 8:44:39 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.917 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

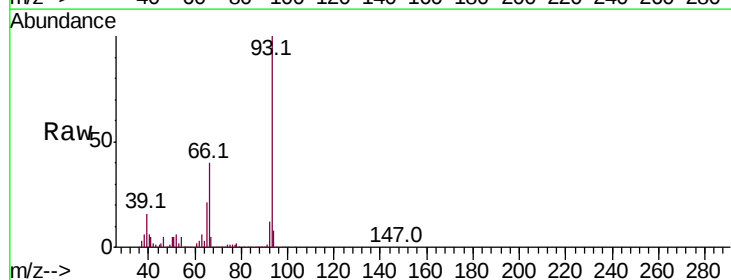
Tgt Ion: 93 Resp: 1475550

Ion Ratio Lower Upper

93 100

66 40.5 31.8 47.8

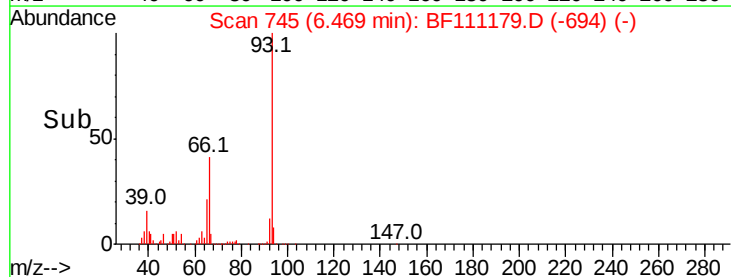
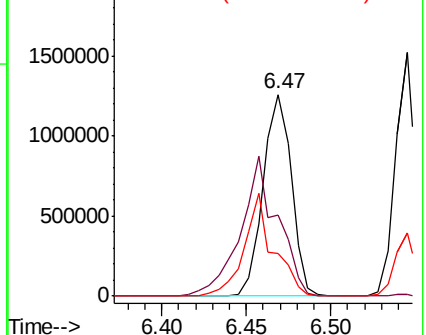
65 21.0 16.6 24.8

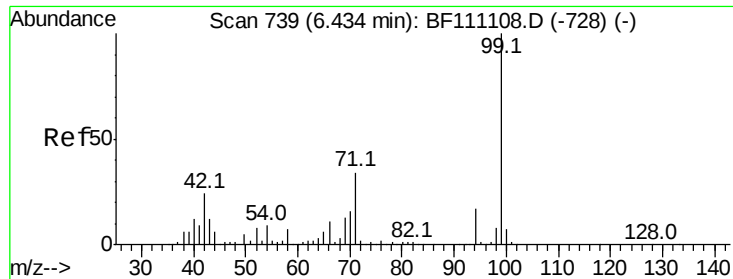


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.796 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion: 99 Resp: 4029301

Ion Ratio Lower Upper

99 100

42 24.3 19.3 28.9

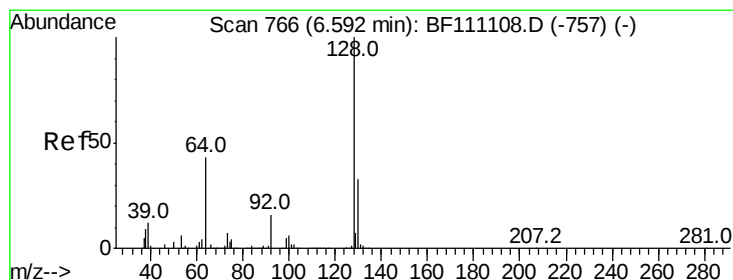
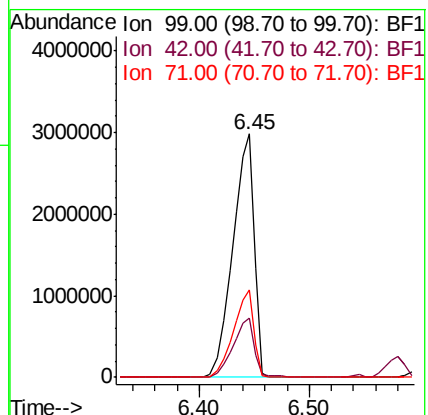
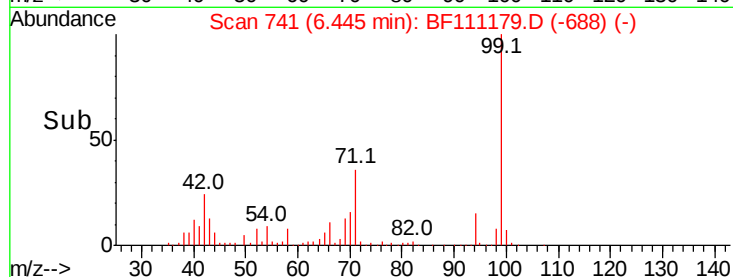
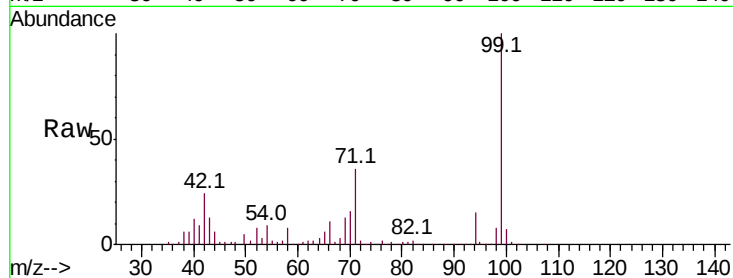
71 35.9 27.4 41.2

Manual Integrations

APPROVED

Sohil

12/11/2018 8:44:39 AM



#8

2-Chlorophenol

Concen: 40.217 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

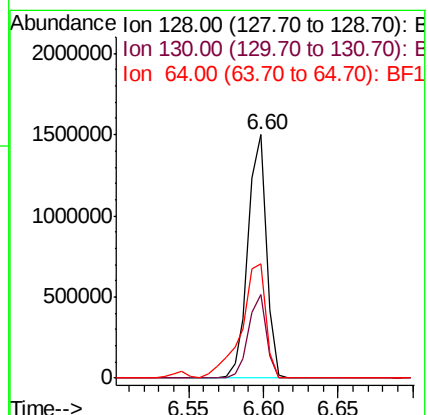
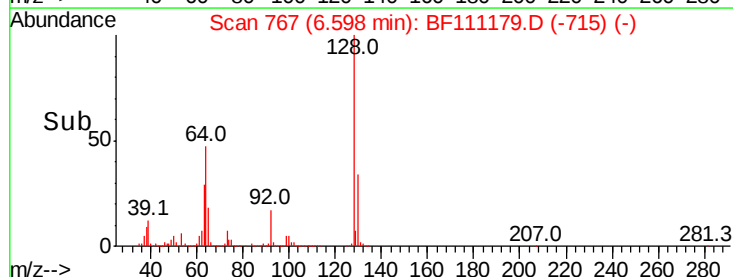
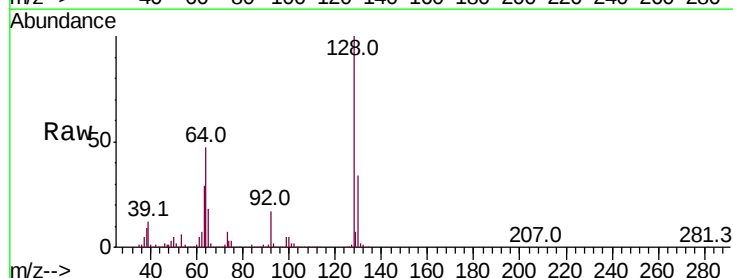
Tgt Ion:128 Resp: 1285454

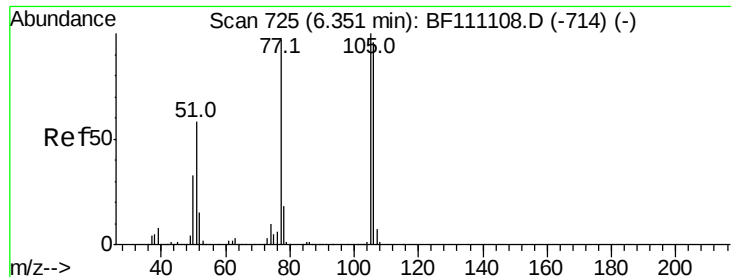
Ion Ratio Lower Upper

128 100

130 34.2 12.8 52.8

64 46.8 26.6 66.6





#9

Benzaldehyde

Concen: 25.286 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

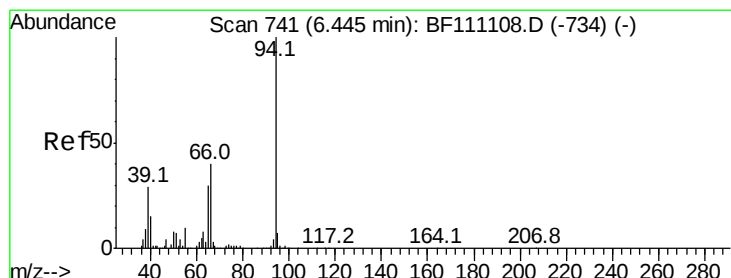
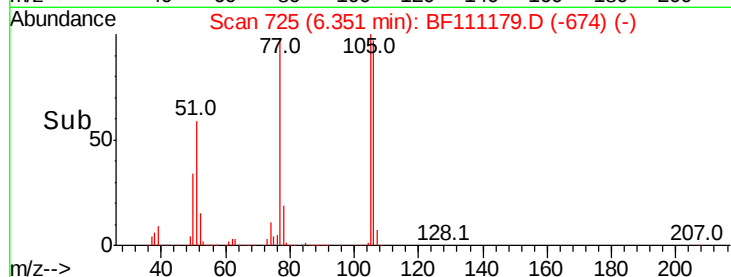
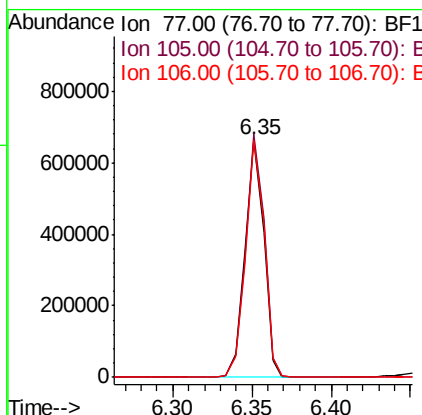
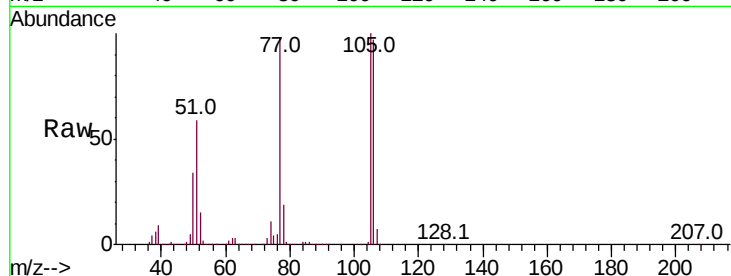
ClientSampleId :

PB115243BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.1	123.1
106	99.7	79.0	119.0

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM



#10

Phenol

Concen: 40.223 ng

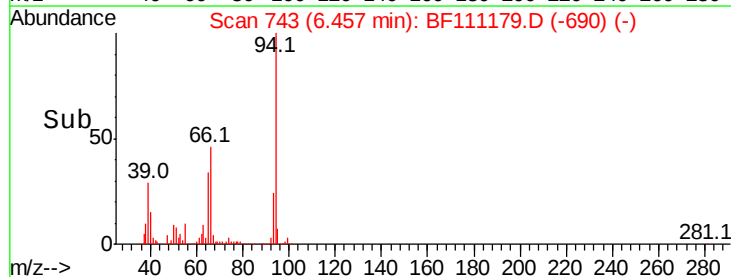
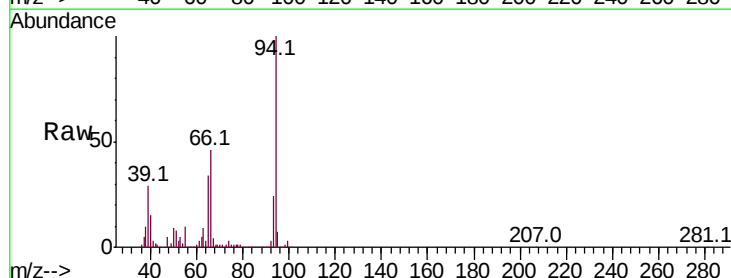
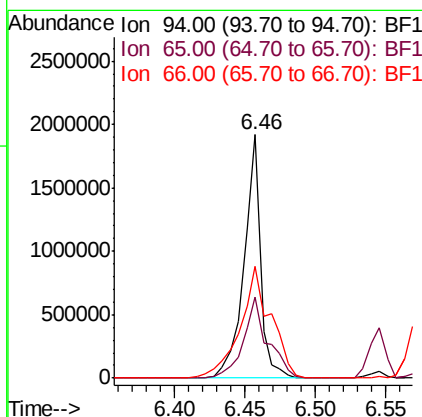
RT: 6.46 min Scan# 743

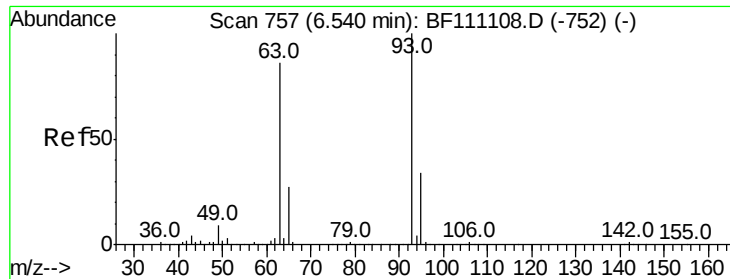
Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	10.5	50.5
66	45.8	19.8	59.8





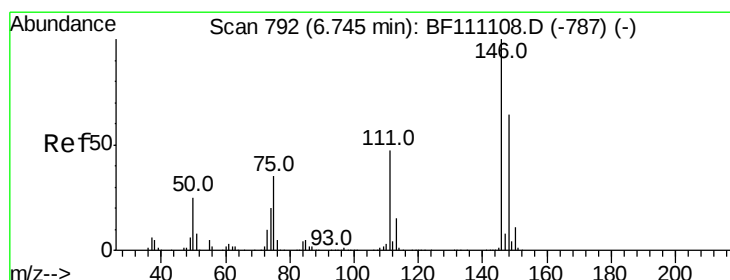
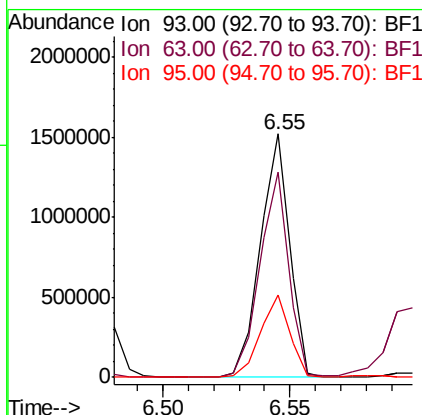
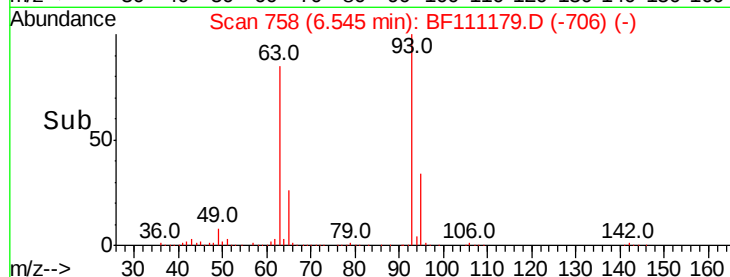
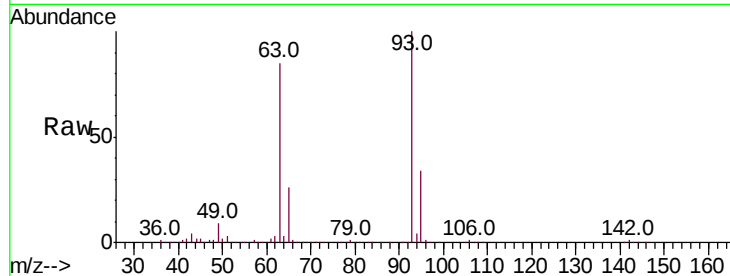
#11
bis(2-Chloroethyl)ether
Concen: 38.522 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion: 93 Resp: 1226324
Ion Ratio Lower Upper
93 100
63 84.5 66.0 106.0
95 34.1 14.3 54.3

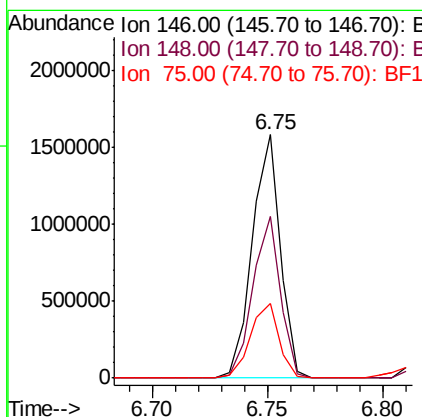
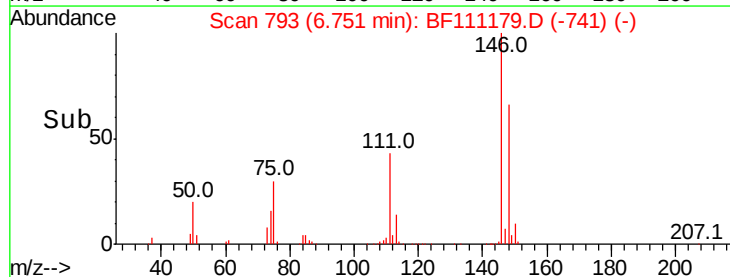
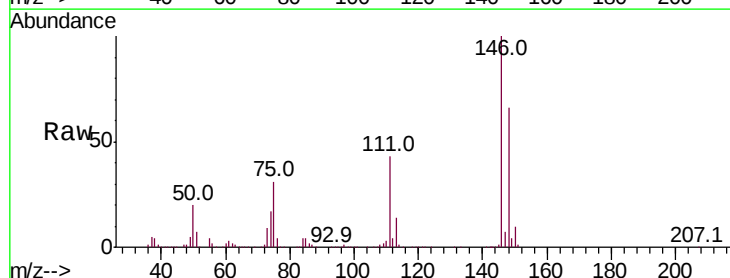
Manual Integrations
APPROVED

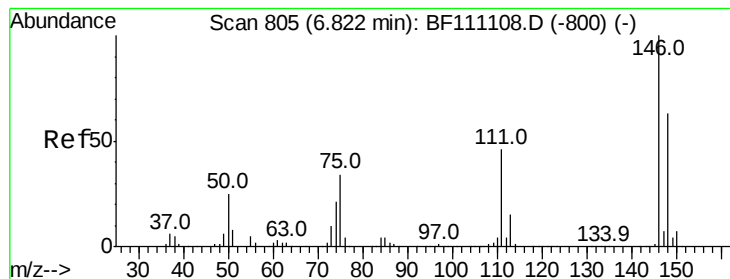
Sohil
12/11/2018 8:44:39 AM



#12
1,3-Dichlorobenzene
Concen: 39.536 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion: 146 Resp: 1343965
Ion Ratio Lower Upper
146 100
148 66.4 51.3 76.9
75 30.6 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 40.125 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion:146 Resp: 1372639

Ion Ratio Lower Upper

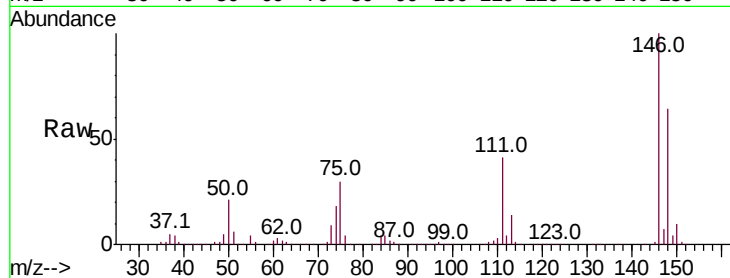
146 100

148 64.5 50.3 75.5

111 41.1 36.6 55.0

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM

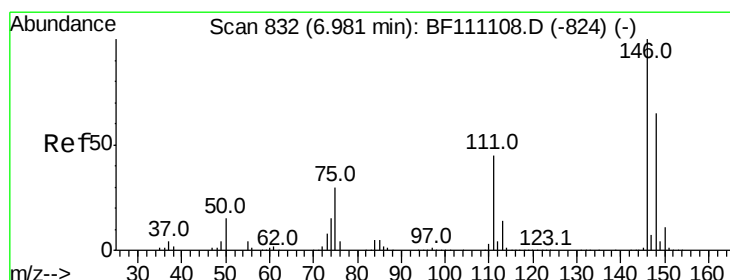
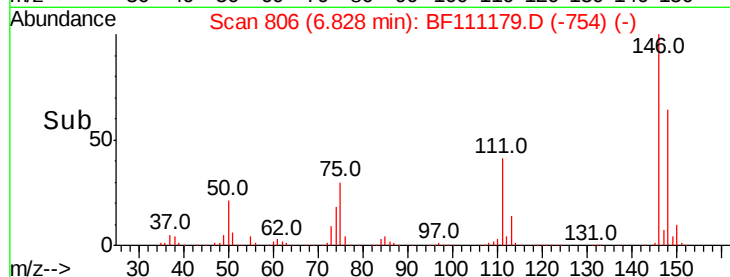
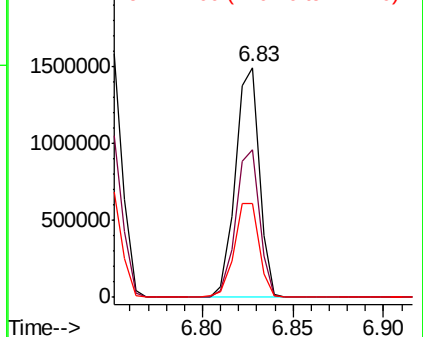


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.743 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Tgt Ion:146 Resp: 1296516

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

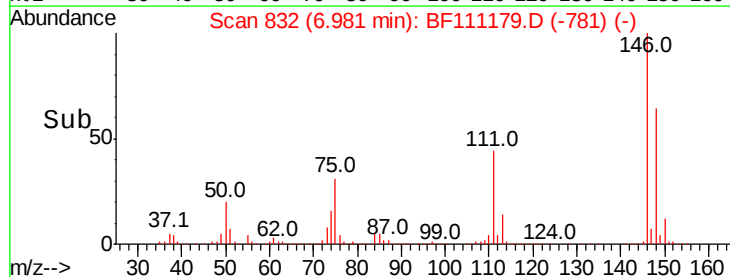
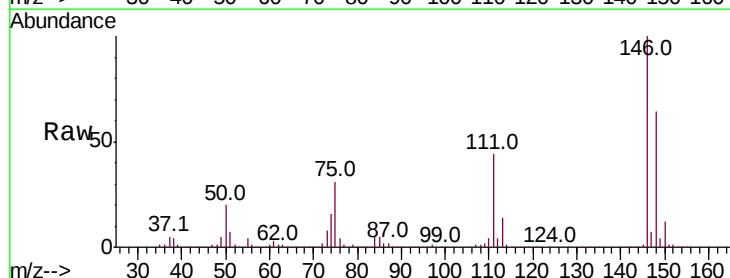
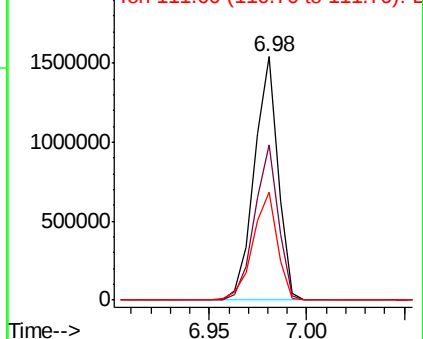
111 44.2 35.7 53.5

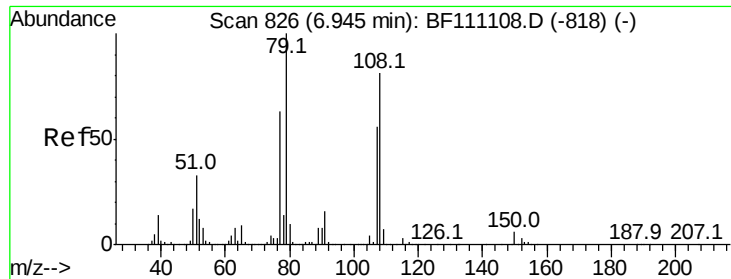
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.573 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion: 79 Resp: 1148366

Ion Ratio Lower Upper

79 100

108 81.4 64.5 96.7

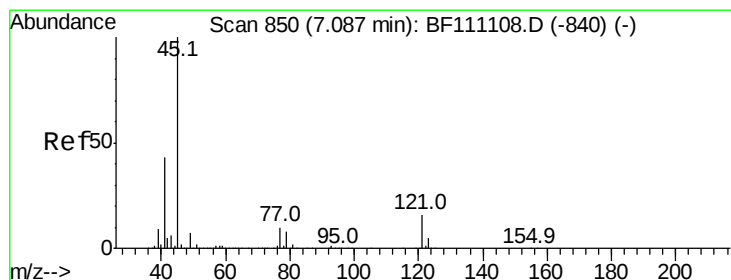
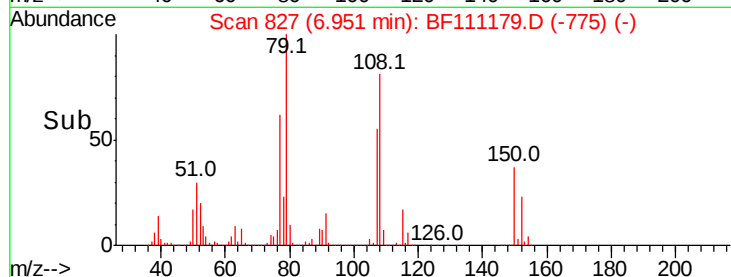
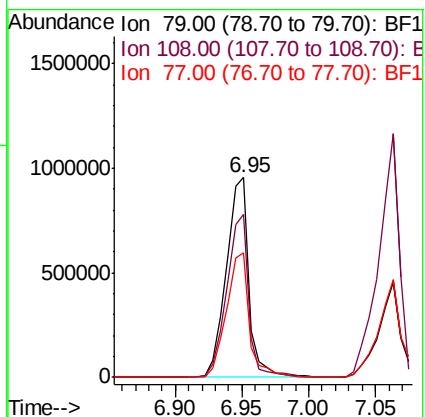
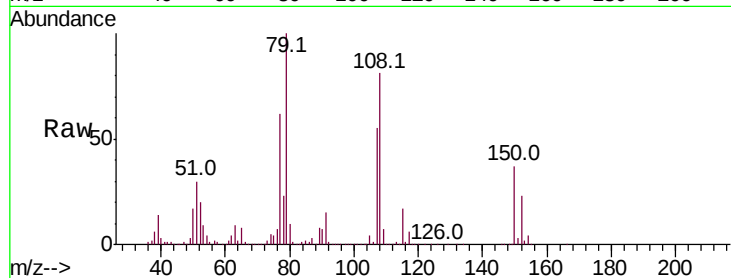
77 62.2 50.5 75.7

Manual Integrations

APPROVED

Sohil

12/11/2018 8:44:39 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.354 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

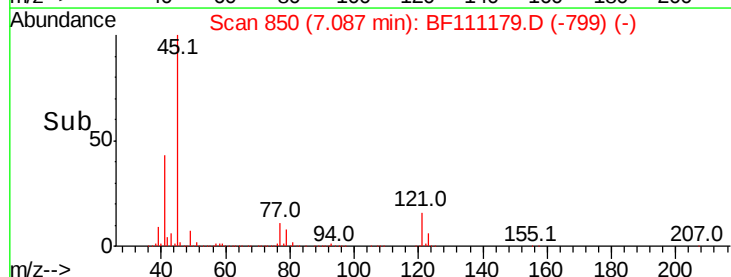
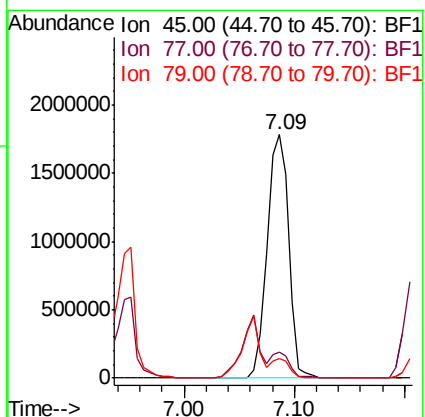
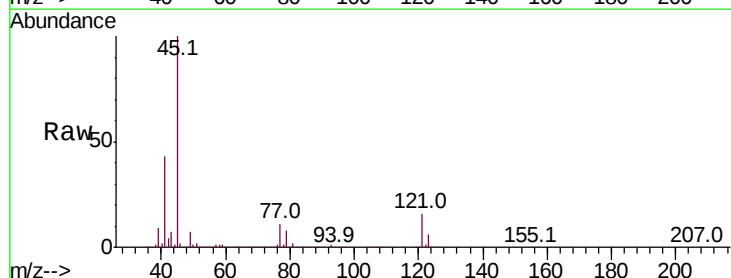
Tgt Ion: 45 Resp: 2436989

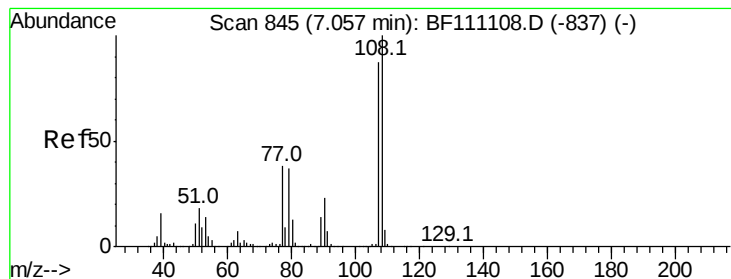
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.6

79 8.2 0.0 28.4





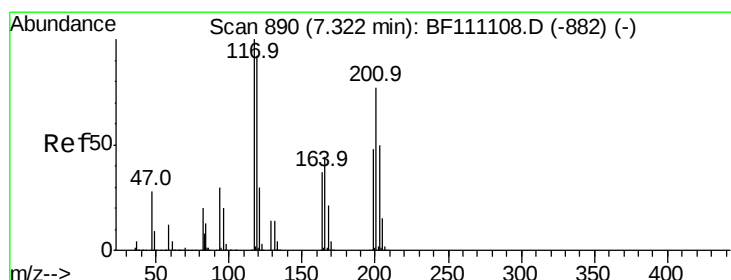
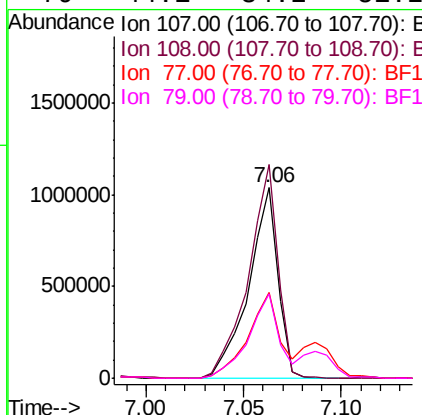
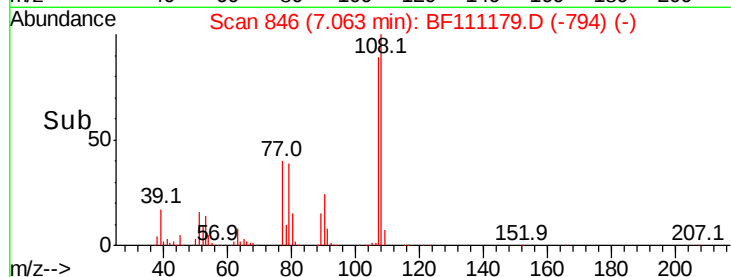
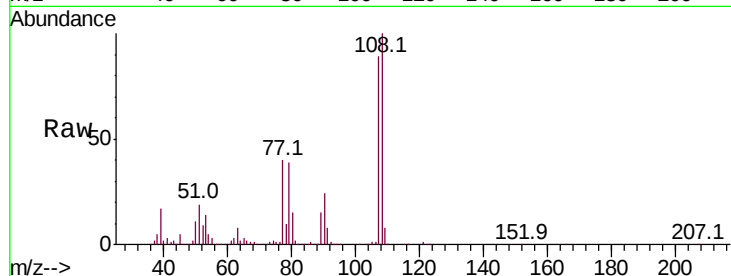
#17
2-Methylphenol
Concen: 41.135 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion:107 Resp: 1079274
Ion Ratio Lower Upper
107 100
108 112.1 91.8 137.8
77 44.8 34.7 52.1
79 44.1 34.2 51.2

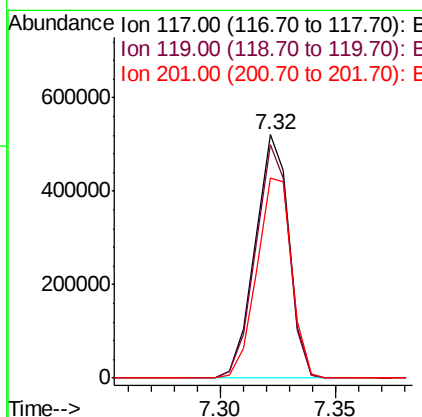
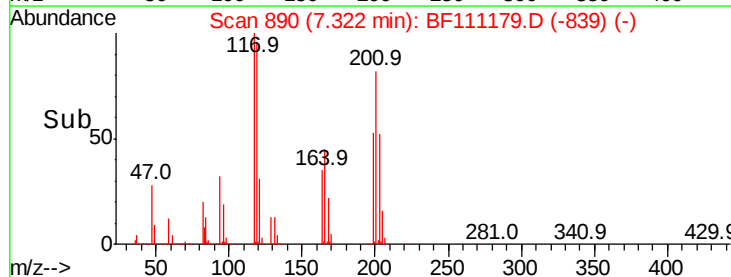
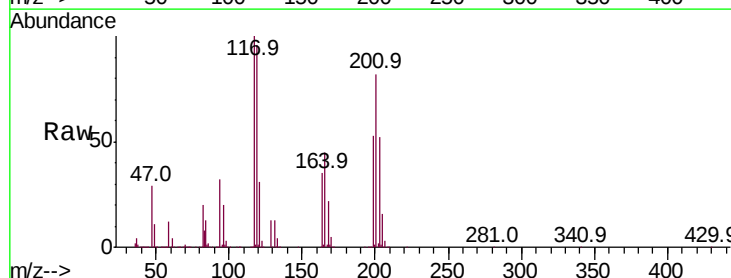
Manual Integrations
APPROVED

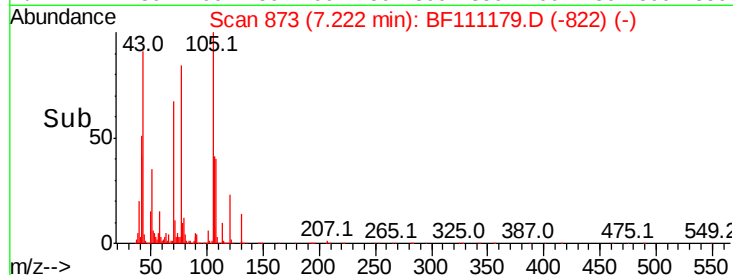
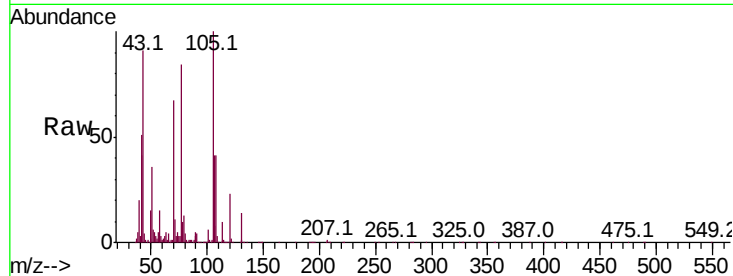
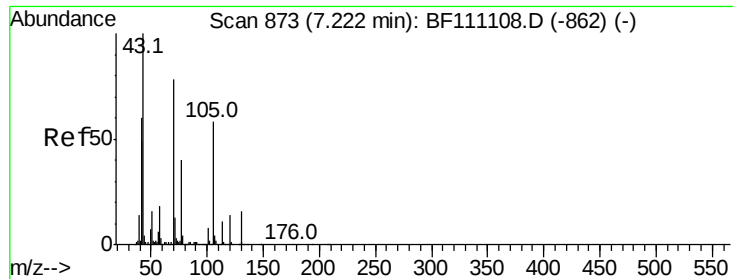
Sohil
12/11/2018 8:44:39 AM



#18
Hexachloroethane
Concen: 41.314 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion:117 Resp: 530180
Ion Ratio Lower Upper
117 100
119 96.1 73.8 110.6
201 82.1 61.2 91.8





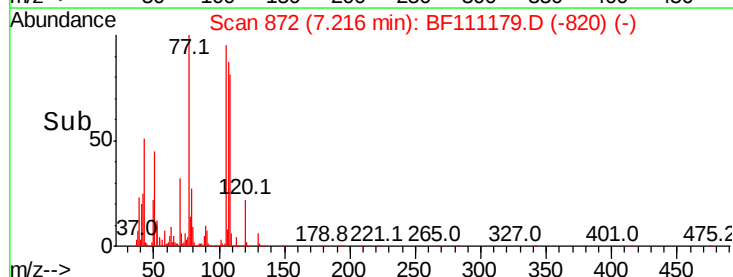
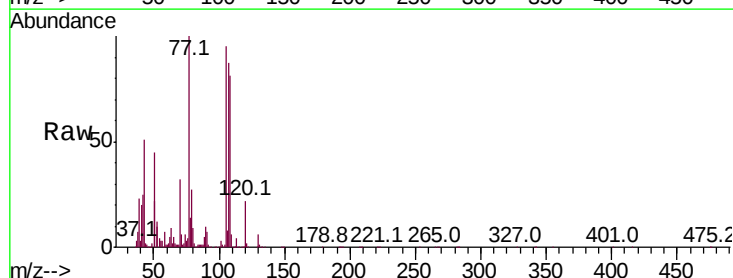
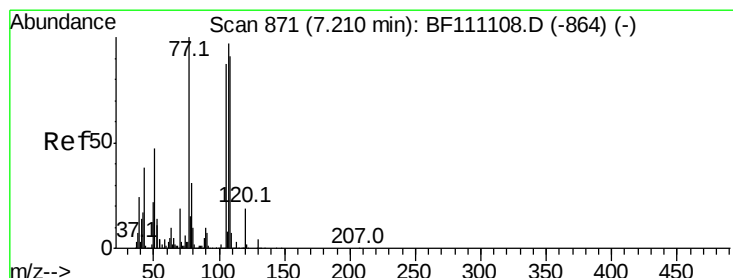
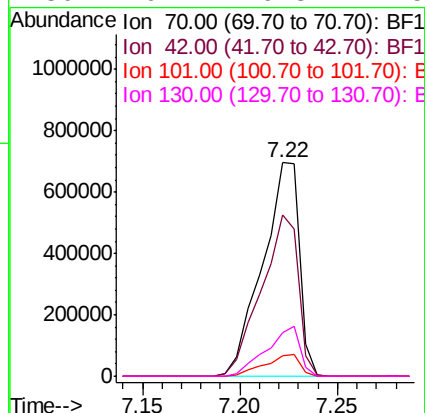
#19
n-Nitroso-di-n-propylamine
Concen: 37.971 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Manual Integrations
APPROVED

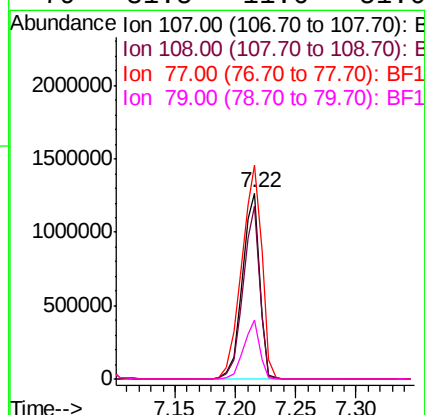
Sohil
12/11/2018 8:44:39 AM

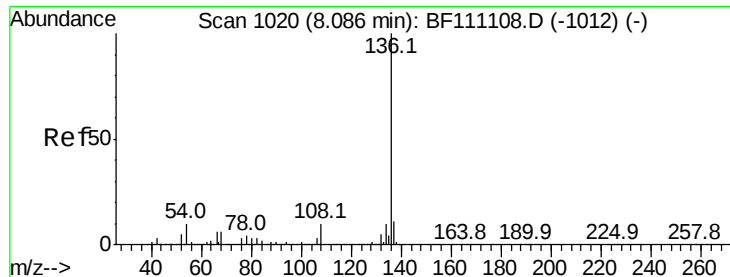
Tot Ion	Ratio	Lower	Upper
70	100		
42	75.8	61.3	91.9
101	9.7	7.7	11.5
130	20.2	16.3	24.5



#20
3+4-Methylphenols
Concen: 39.327 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	74.0	114.0
77	114.8	83.2	123.2
79	31.5	11.6	51.6





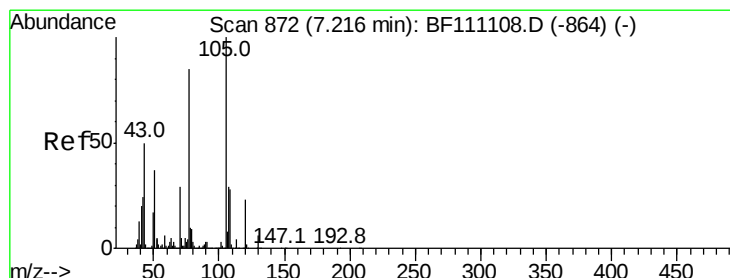
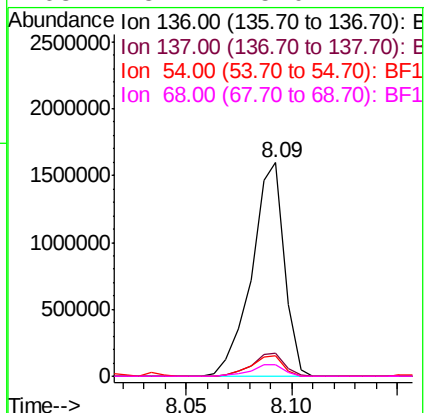
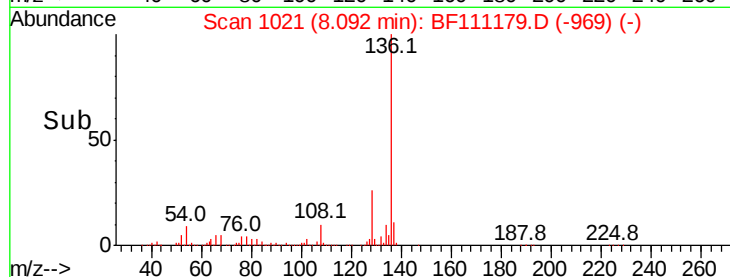
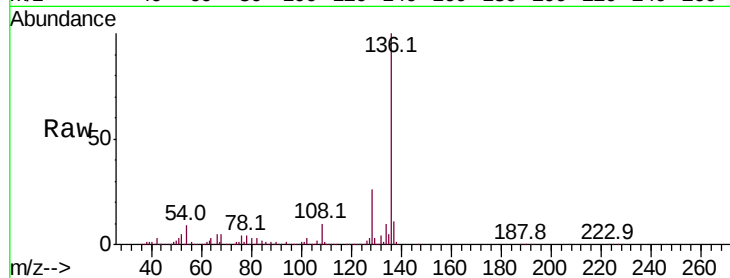
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.3	8.4	12.6
68	5.4	5.0	7.4

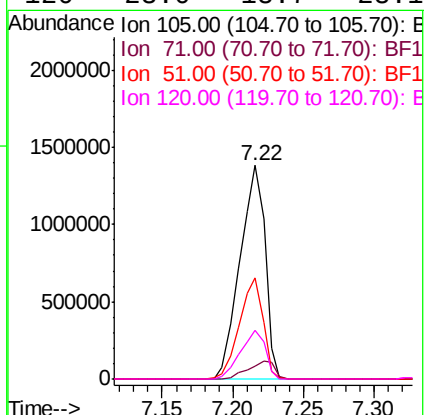
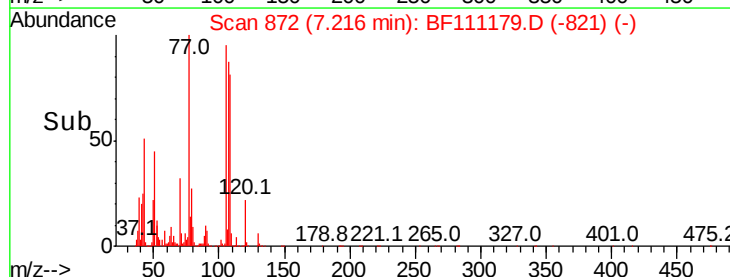
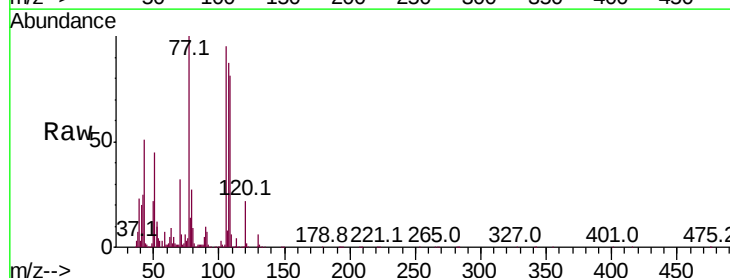
Manual Integrations
APPROVED

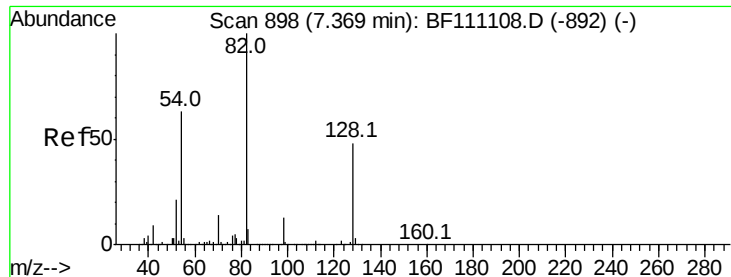
Sohil
12/11/2018 8:44:39 AM



#22
Acetophenone
Concen: 41.478 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.0	6.0
51	47.1	29.8	44.8#
120	23.0	18.7	28.1





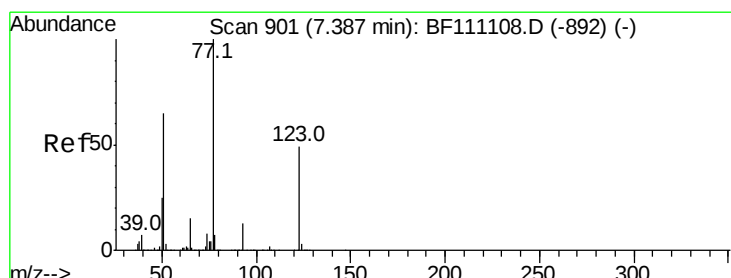
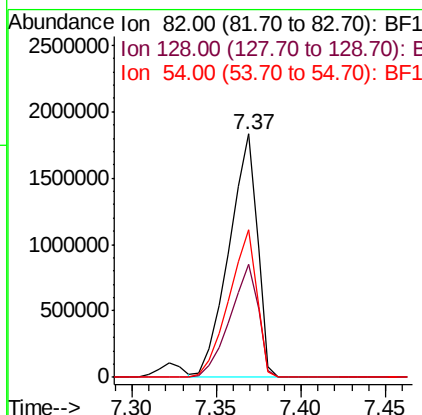
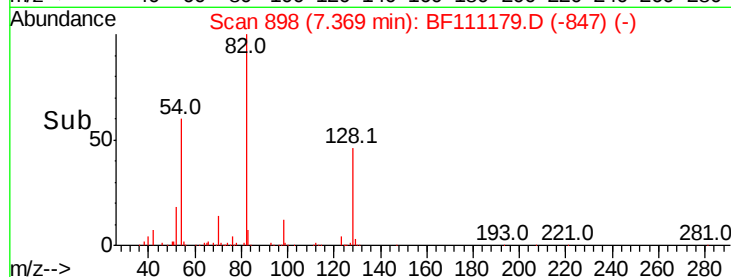
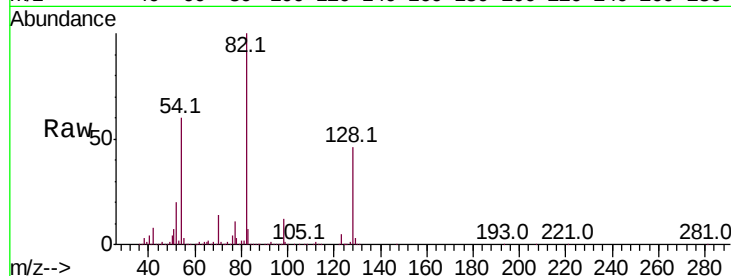
#23
Nitrobenzene-d5
Concen: 73.582 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion: 82 Resp: 2132796
Ion Ratio Lower Upper
82 100
128 46.3 38.1 57.1
54 60.5 50.3 75.5

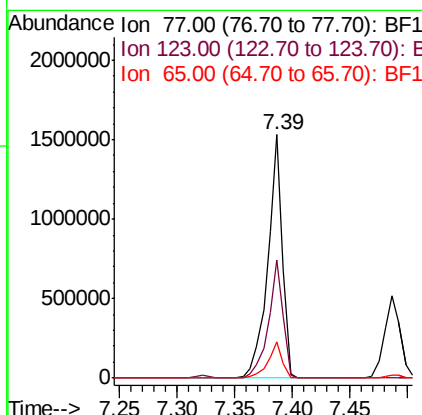
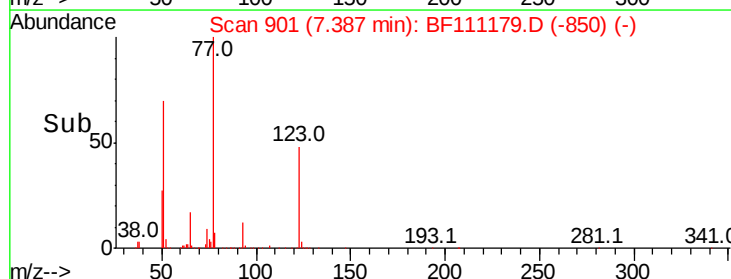
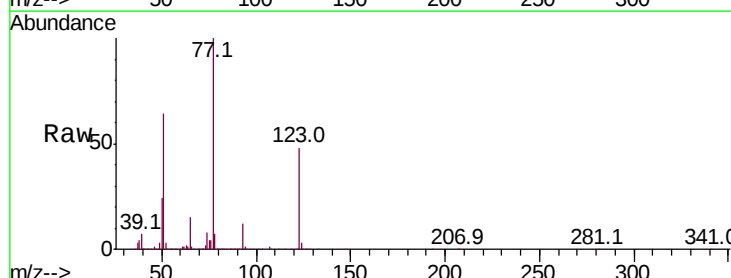
Manual Integrations
APPROVED

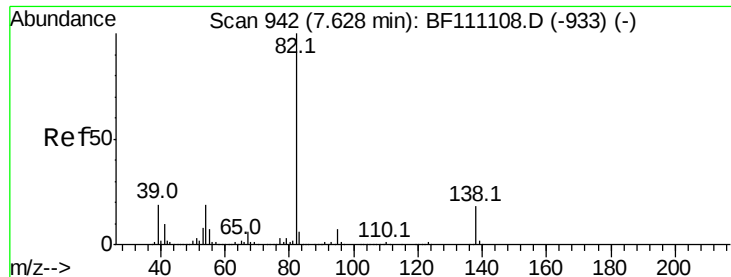
Sohil
12/11/2018 8:44:39 AM



#24
Nitrobenzene
Concen: 43.776 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion: 77 Resp: 1365079
Ion Ratio Lower Upper
77 100
123 48.3 39.5 59.3
65 14.9 11.8 17.6





#25

Isophorone

Concen: 46.760 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion: 82 Resp: 2487382

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

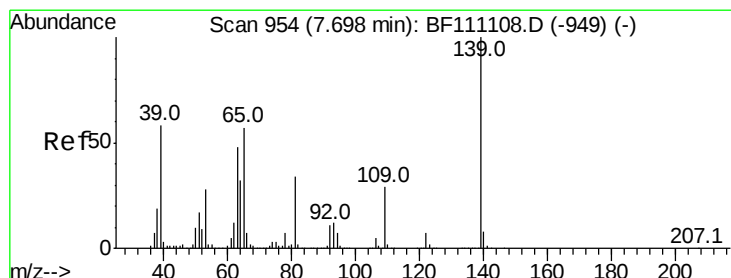
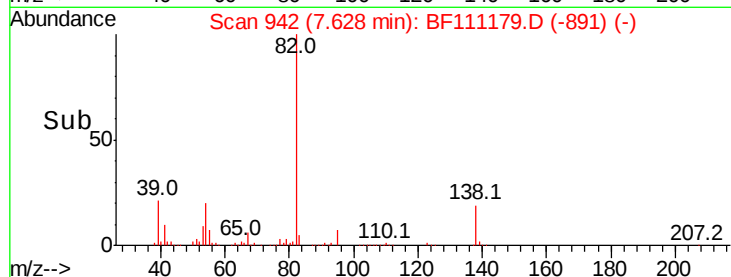
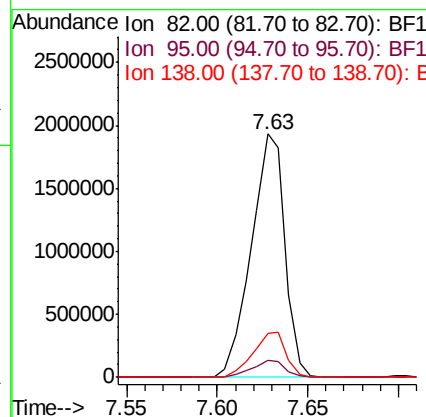
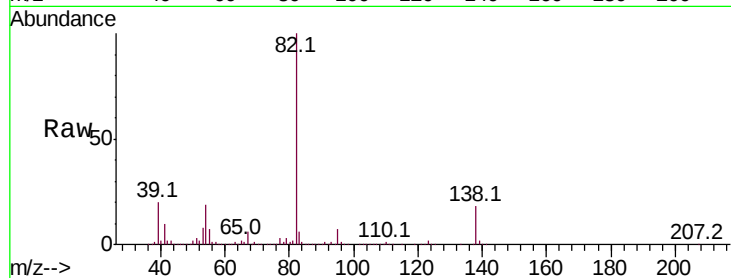
138 18.2 14.6 22.0

Manual Integrations

APPROVED

Sohil

12/11/2018 8:44:39 AM



#26

2-Nitrophenol

Concen: 51.573 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

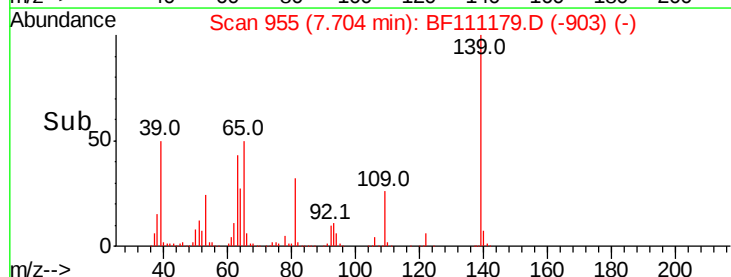
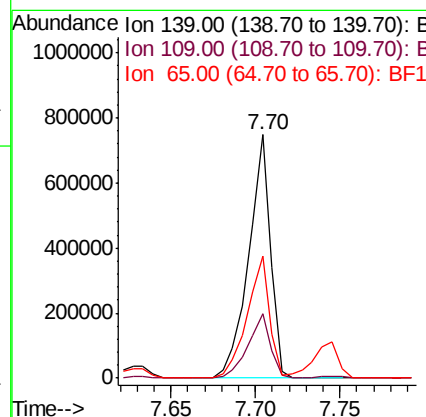
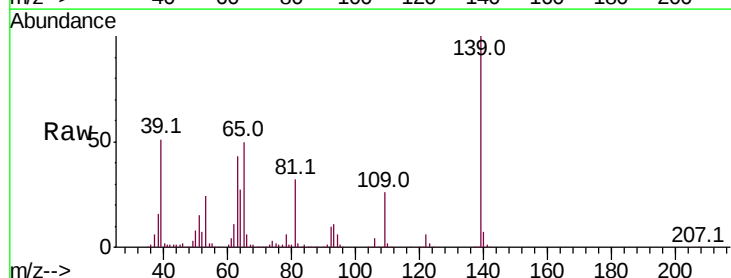
Tgt Ion: 139 Resp: 679516

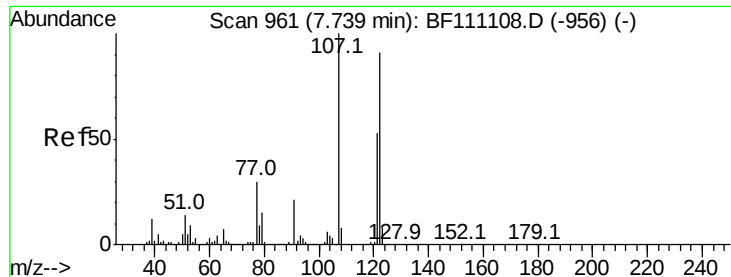
Ion Ratio Lower Upper

139 100

109 26.2 23.1 34.7

65 50.2 45.9 68.9





#27
 2,4-Dimethylphenol
 Concen: 49.316 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

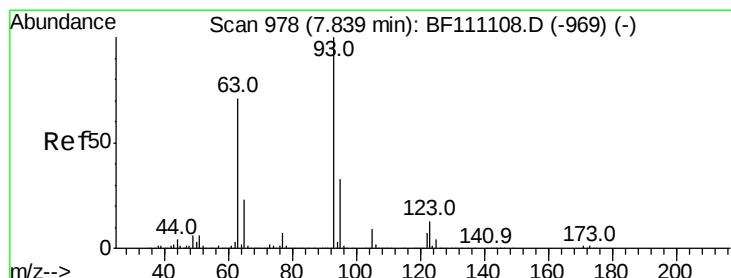
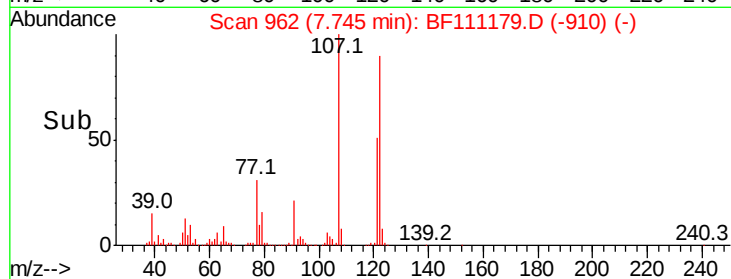
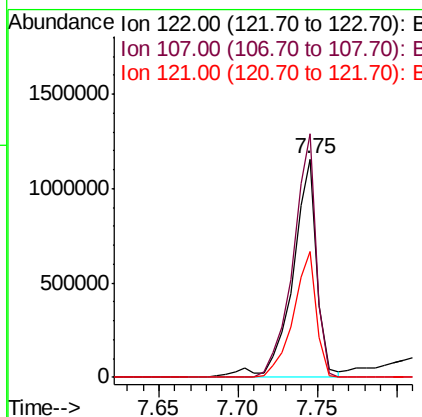
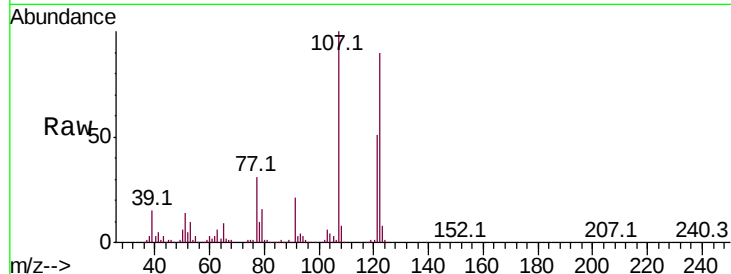
Instrument :
 BNA_F
 ClientSampleId :
 PB115243BS

Tot Ion:122 Resp: 1223750

Ion	Ratio	Lower	Upper
122	100		
107	111.4	87.4	131.0
121	57.3	45.9	68.9

Manual Integrations
 APPROVED

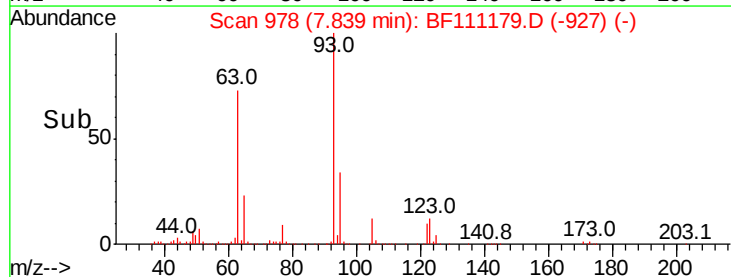
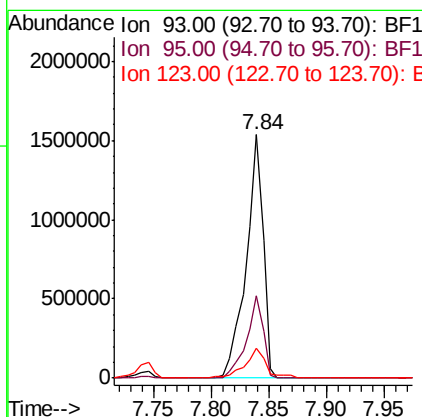
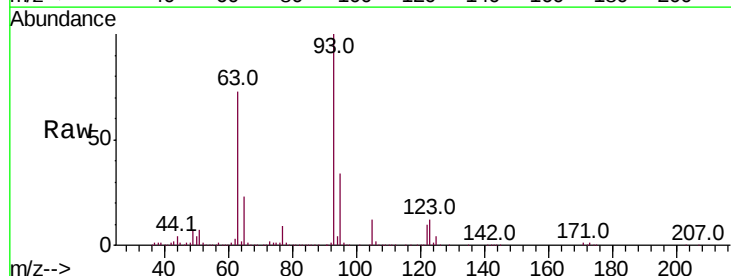
Sohil
 12/11/2018 8:44:39 AM

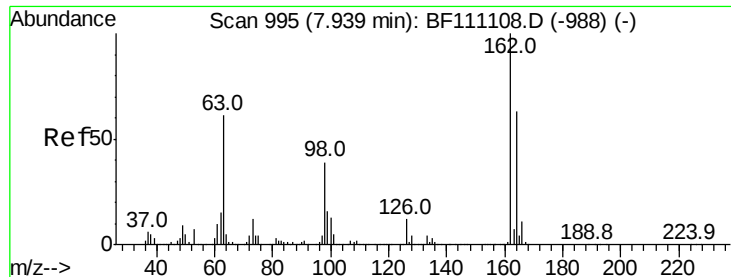


#28
 bis(2-Chloroethoxy)methane
 Concen: 43.425 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Tgt Ion: 93 Resp: 1563768

Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	39.8
123	12.1	10.3	15.5





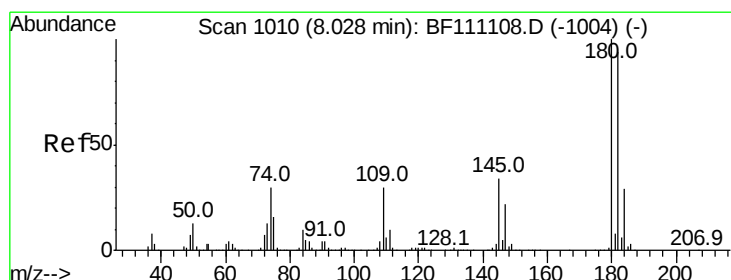
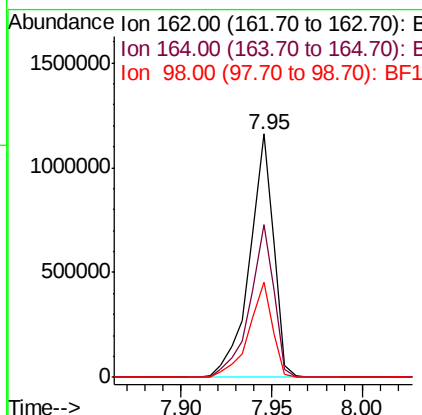
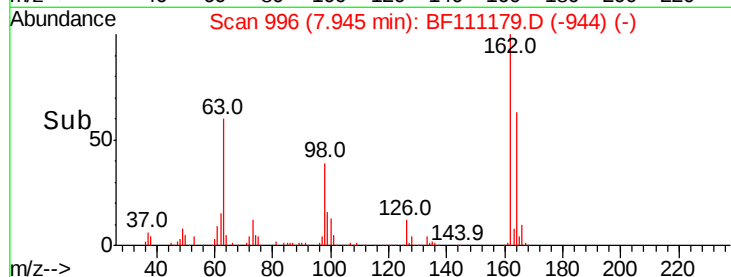
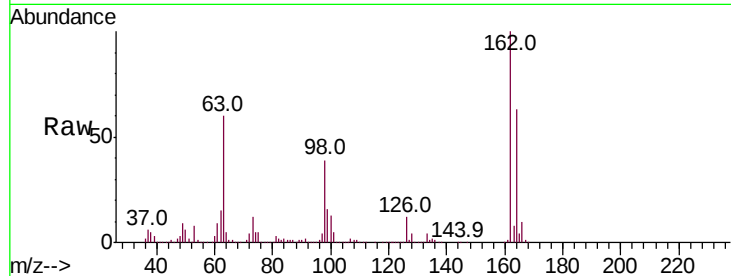
#29
2,4-Dichlorophenol
Concen: 43.779 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.3	83.3
98	39.0	18.9	58.9

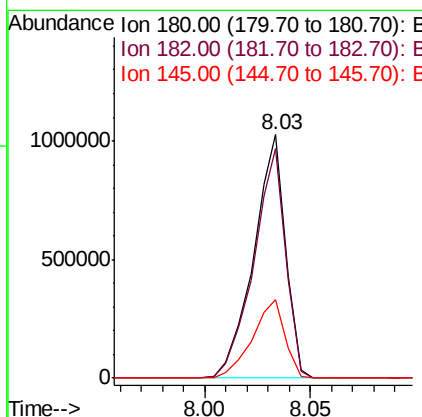
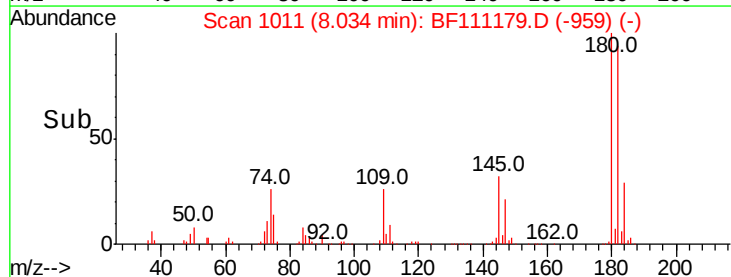
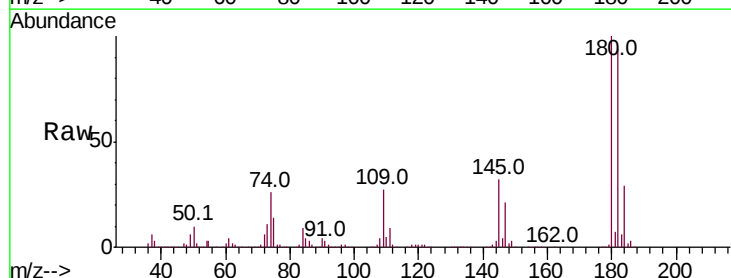
Manual Integrations
APPROVED

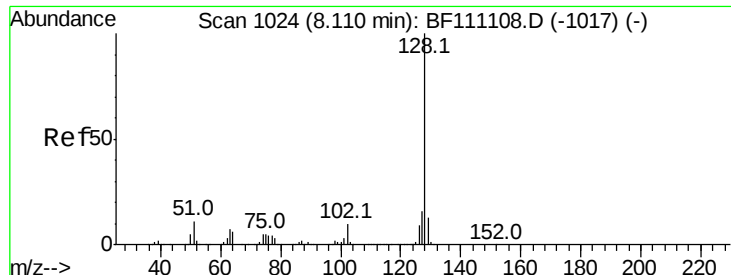
Sohil
12/11/2018 8:44:39 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.533 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.1	112.7
145	32.3	27.6	41.4





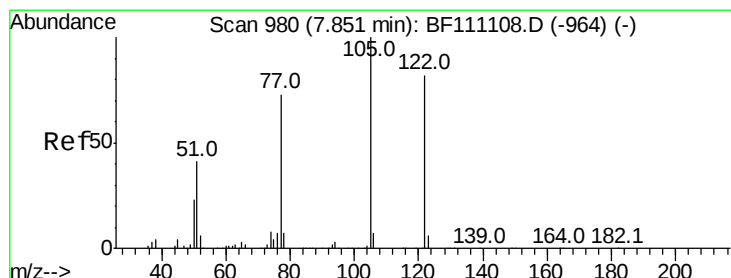
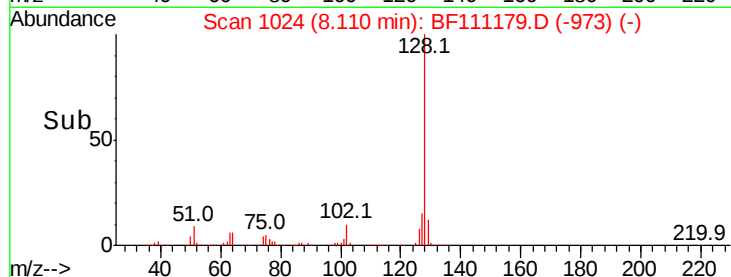
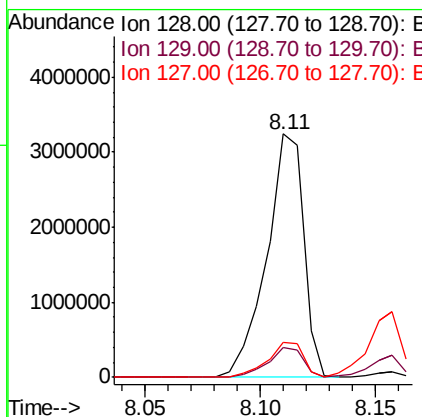
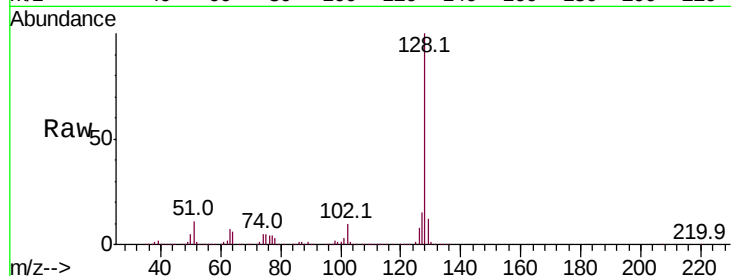
#31
Naphthalene
Concen: 48.498 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion:128 Resp: 3623503
Ion Ratio Lower Upper
128 100
129 12.3 10.5 15.7
127 14.5 12.5 18.7

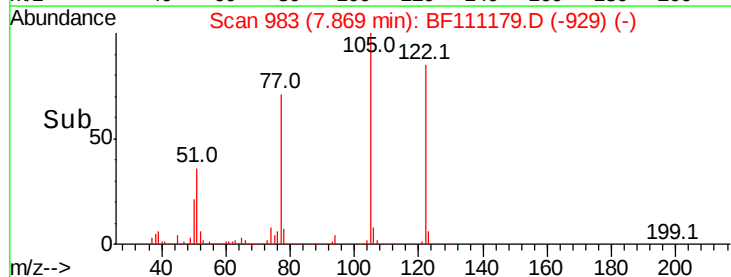
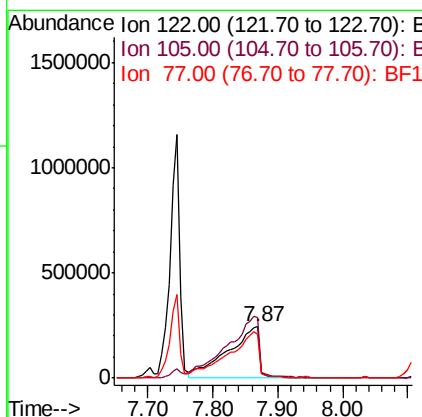
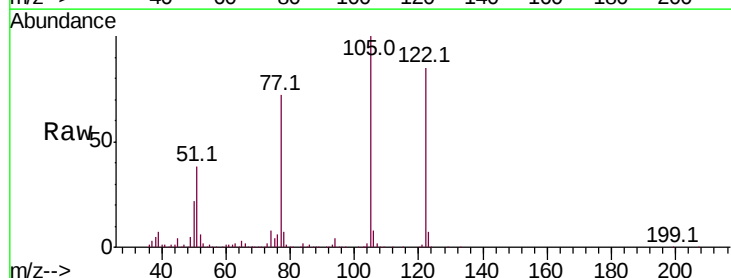
Manual Integrations
APPROVED

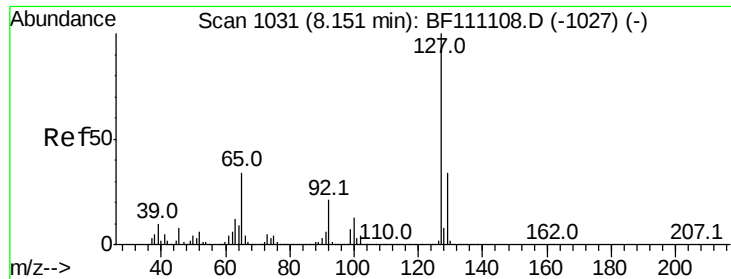
Sohil
12/11/2018 8:44:39 AM



#32
Benzoic acid
Concen: 50.507 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.02 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion:122 Resp: 826463
Ion Ratio Lower Upper
122 100
105 117.6 100.1 140.1
77 84.5 69.4 109.4





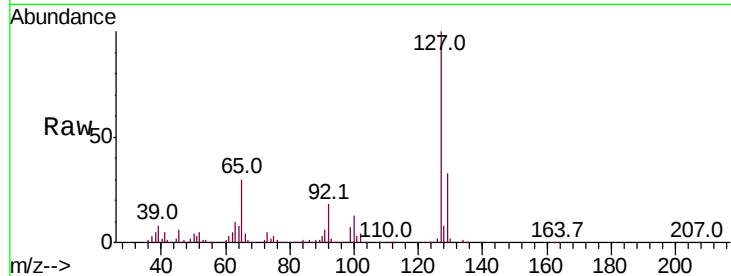
#33
 4-Chloroaniline
 Concen: 24.220 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampled :
 PB115243BS

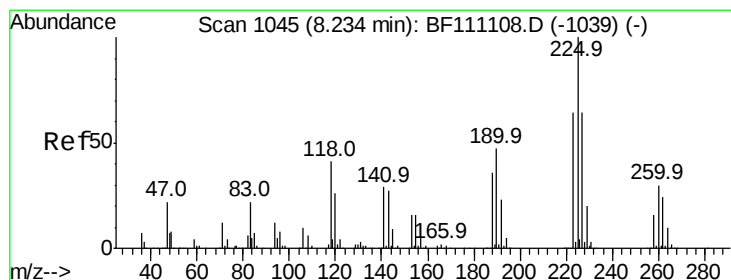
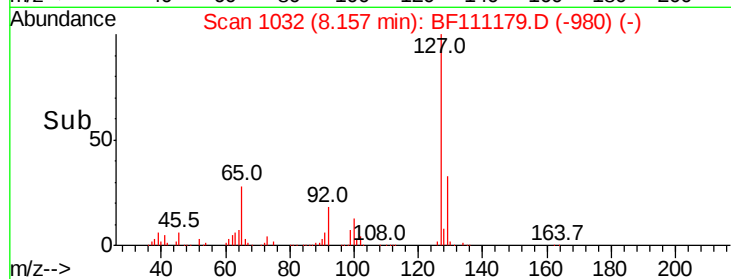
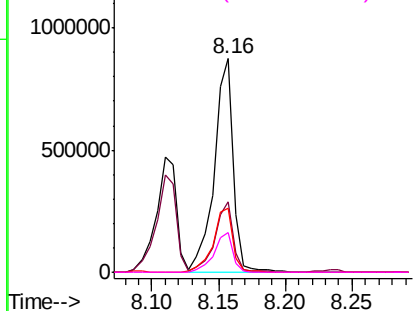
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.3	27.0	40.6
65	30.0	27.2	40.8
92	18.3	16.6	24.8

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:39 AM

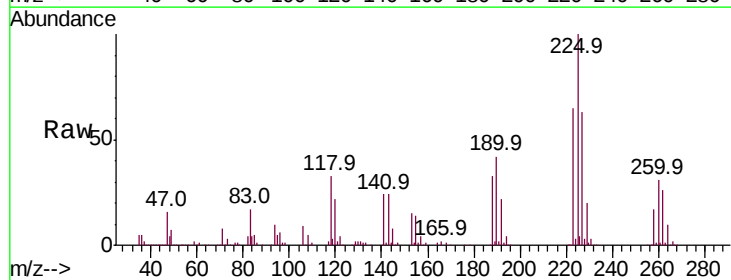


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

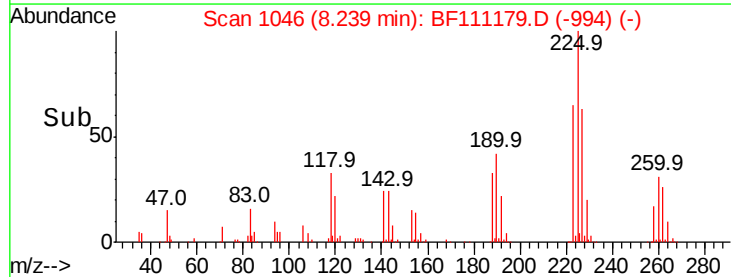
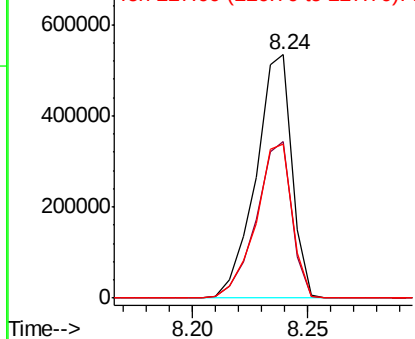


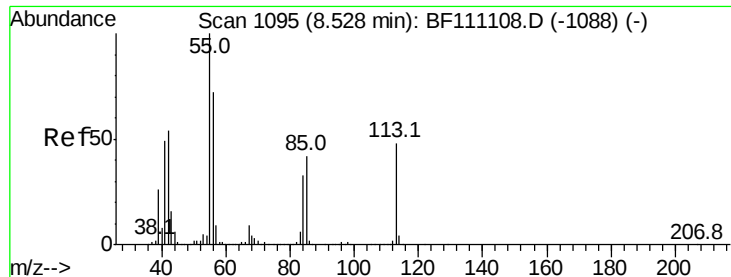
#34
 Hexachlorobutadiene
 Concen: 43.396 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.5	51.4	77.2
227	63.1	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





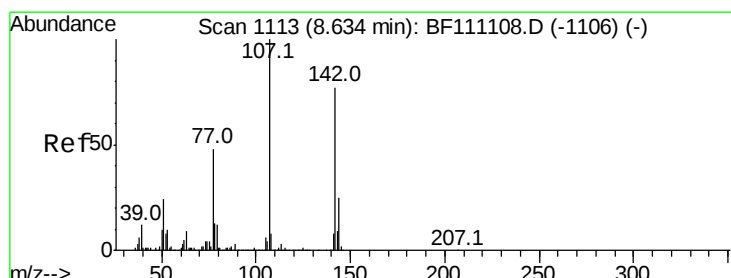
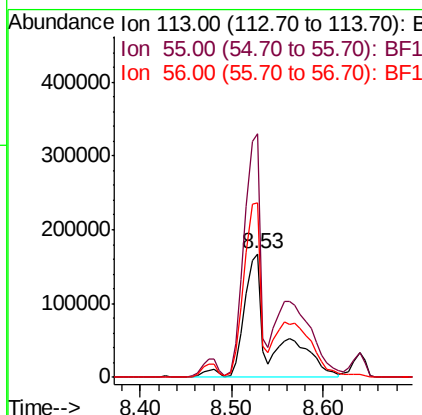
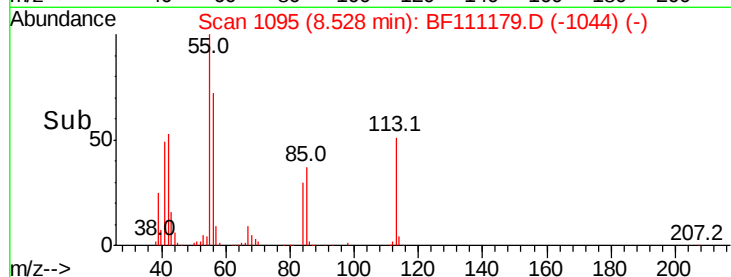
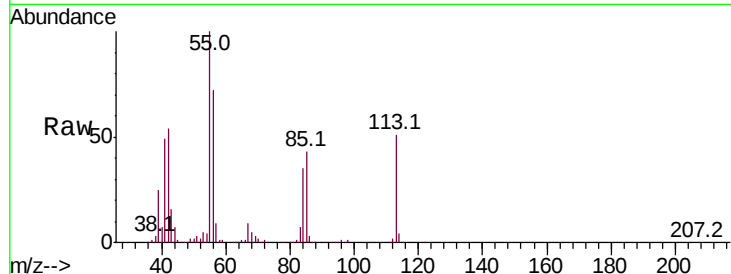
#35
Caprolactam
Concen: 39.746 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.8	190.6	230.6
56	141.5	130.9	170.9

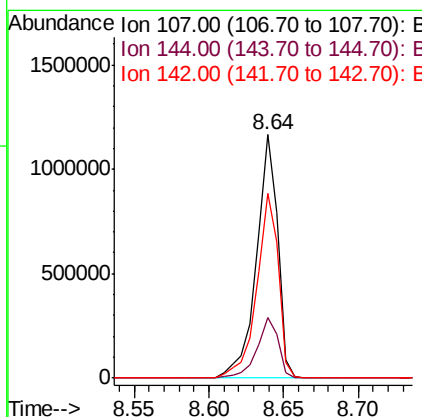
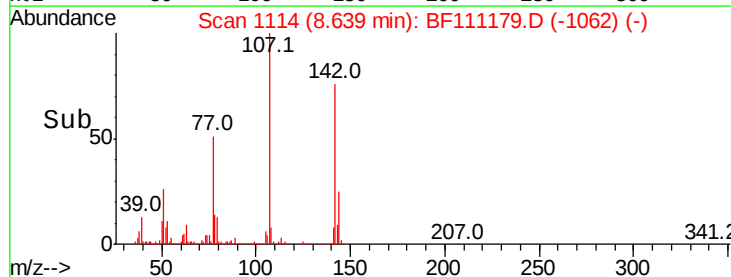
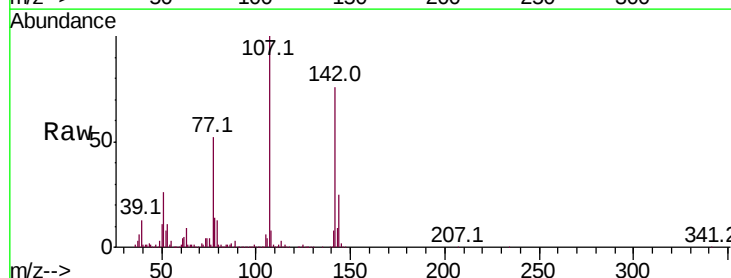
Manual Integrations
APPROVED

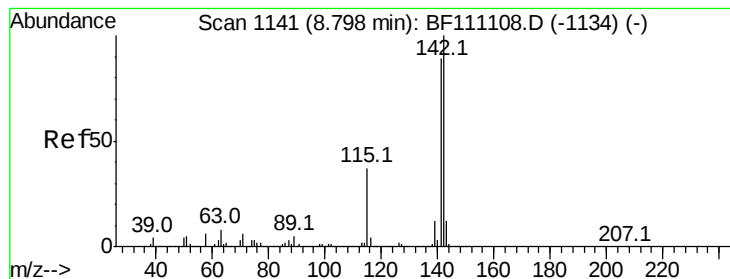
Sohil
12/11/2018 8:44:39 AM



#36
4-Chloro-3-methylphenol
Concen: 42.542 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.9	29.9
142	75.7	61.4	92.0





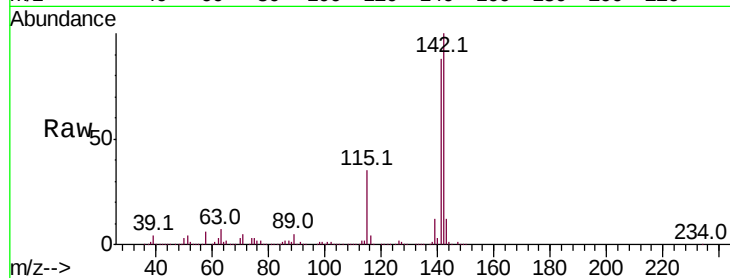
#37
2-Methylnaphthalene
Concen: 47.656 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.0
115	34.9	29.2	43.8

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM

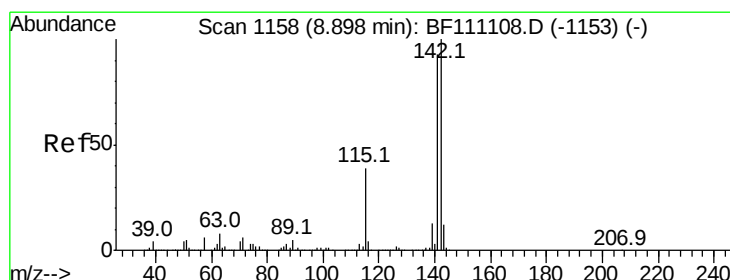
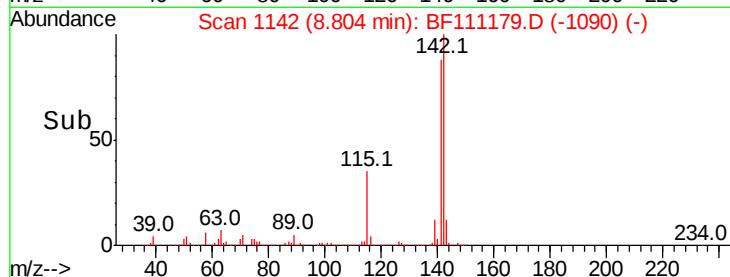
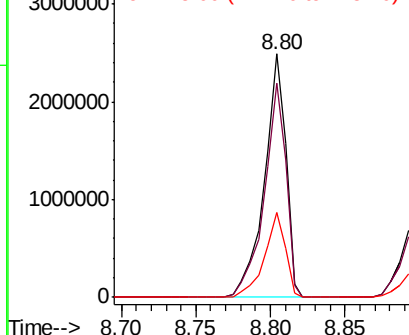


Abundance

Ion 142.00 (141.70 to 142.70): E

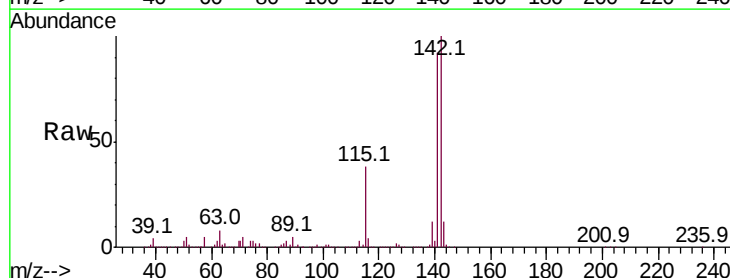
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.518 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.5	111.7
116	4.0	3.2	4.8

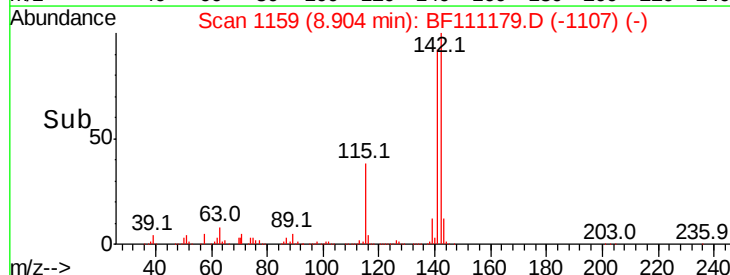
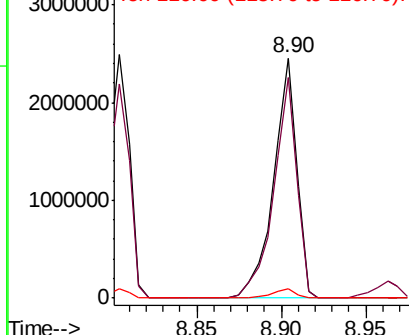


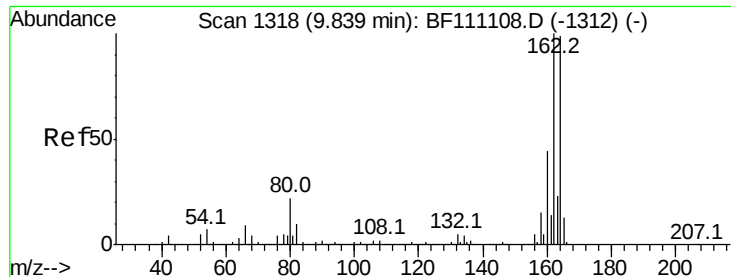
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





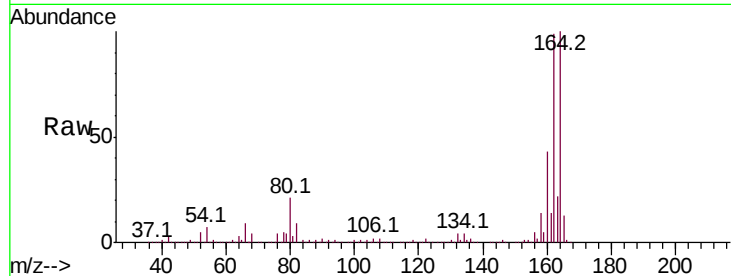
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.5	80.6	120.8	
160	42.8	35.5	53.3	

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:39 AM

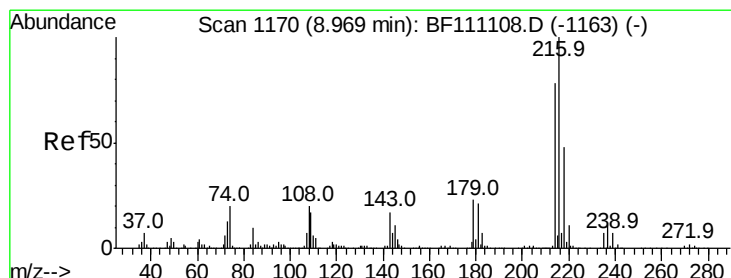
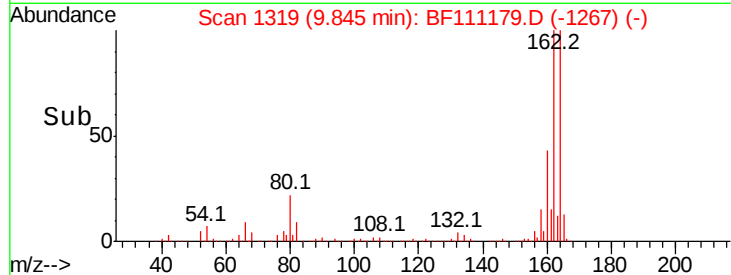
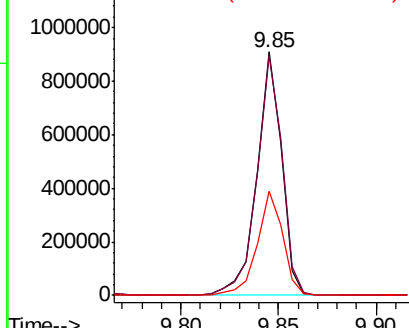


Abundance

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: 40.398 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	63.4	95.0	
179	22.8	18.5	27.7	
108	26.5	19.1	28.7	

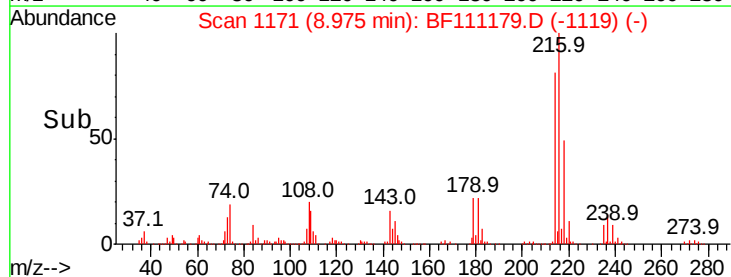
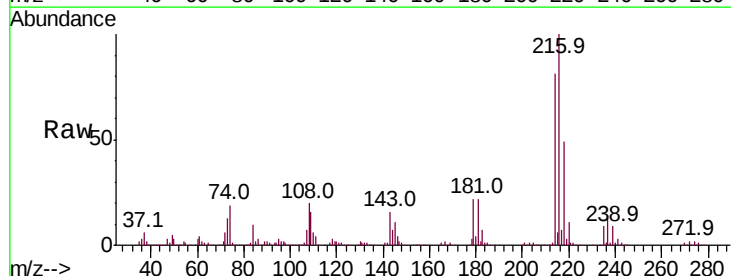
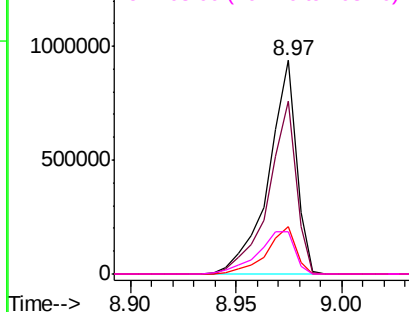
Abundance

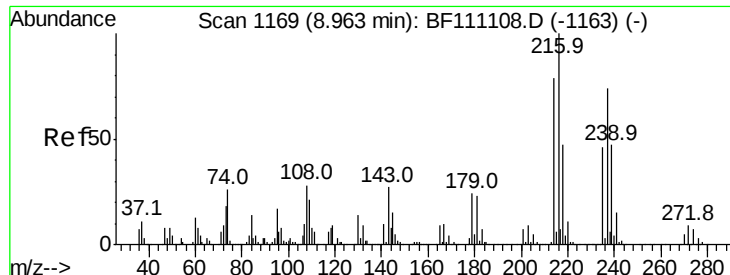
Ion 216.00 (215.70 to 216.70): E

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: 107.313 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion:237 Resp: 1200130

Ion Ratio Lower Upper

237 100

235 64.7 41.9 81.9

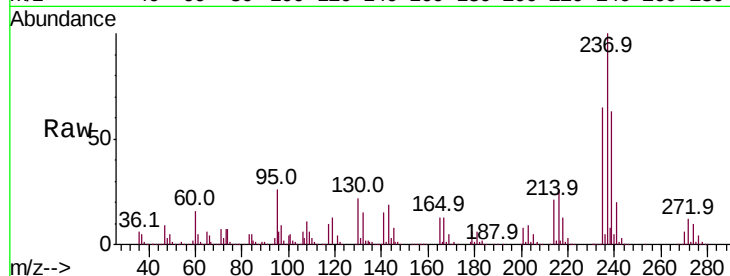
272 12.1 0.0 32.7

Manual Integrations

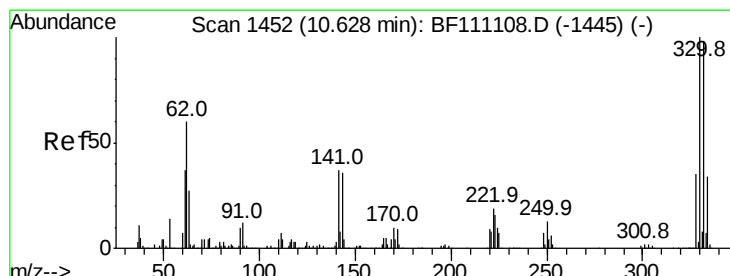
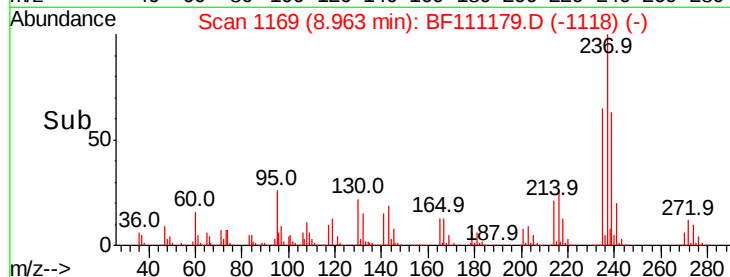
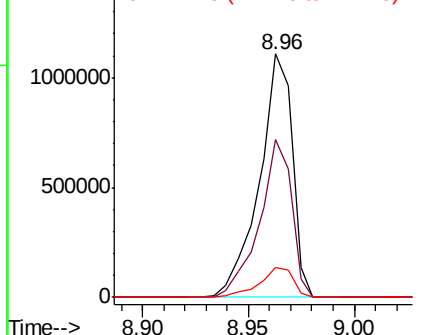
APPROVED

Sohil

12/11/2018 8:44:39 AM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.024 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

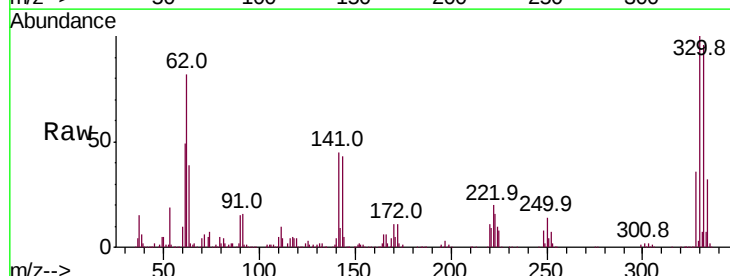
Tgt Ion:330 Resp: 847779

Ion Ratio Lower Upper

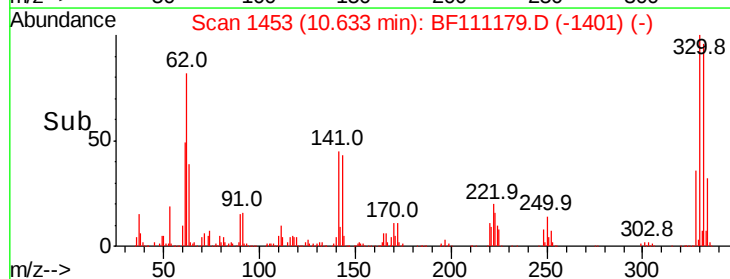
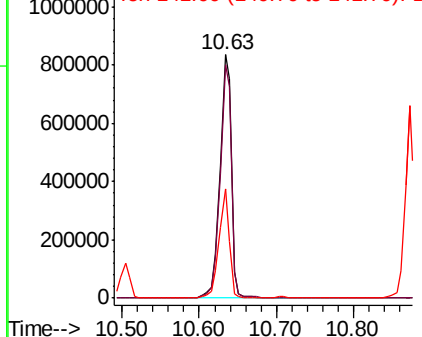
330 100

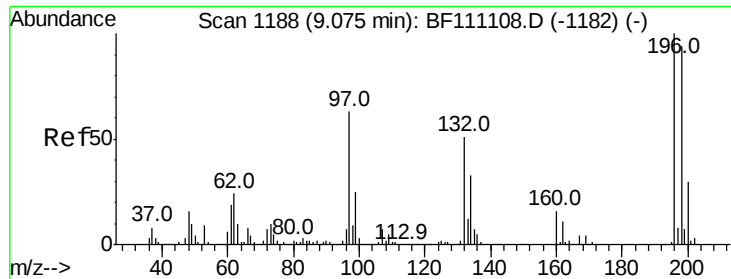
332 95.4 77.2 115.8

141 40.7 36.1 54.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





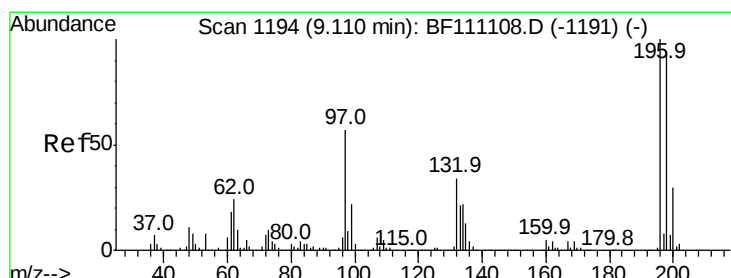
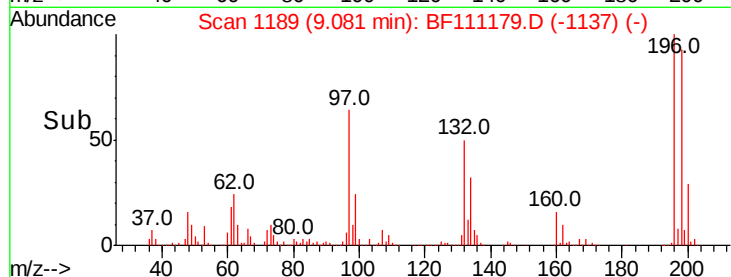
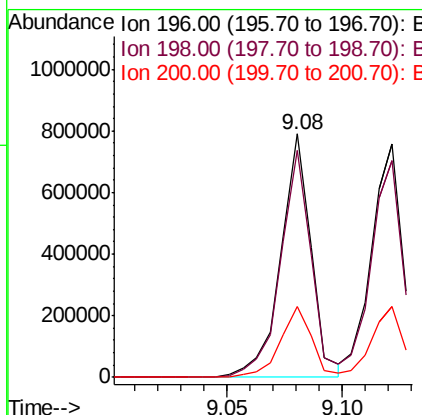
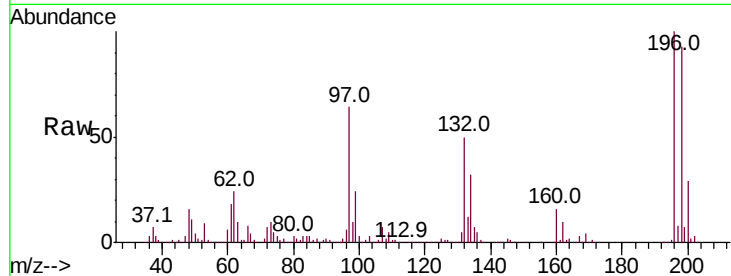
#43
2,4,6-Trichlorophenol
Concen: 46.207 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	715755		
198	93.4	75.4	113.0	
200	29.3	24.2	36.4	

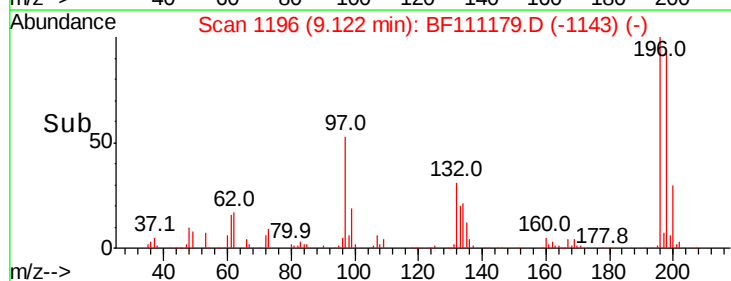
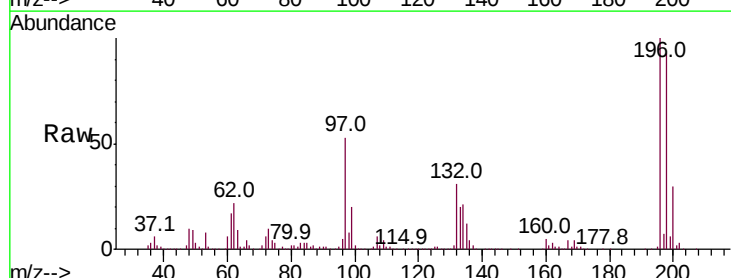
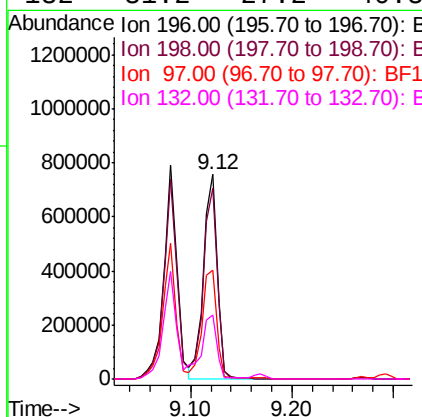
Manual Integrations
APPROVED

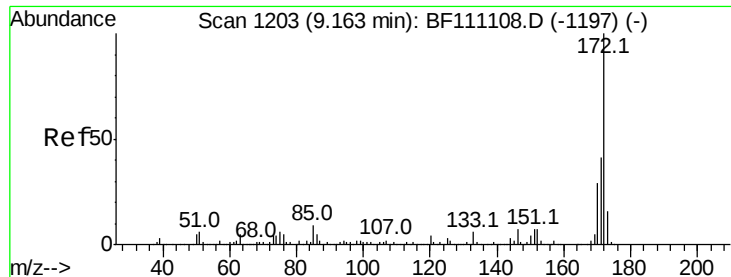
Sohil
12/11/2018 8:44:39 AM



#44
2,4,5-Trichlorophenol
Concen: 45.401 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	712920		
198	93.0	75.0	112.4	
97	53.3	46.2	69.4	
132	31.2	27.2	40.8	





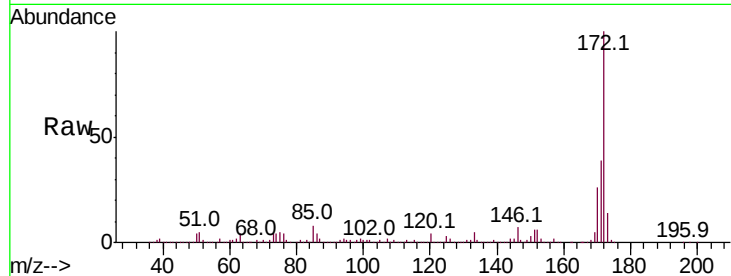
#45
2-Fluorobiphenyl
Concen: 81.114 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

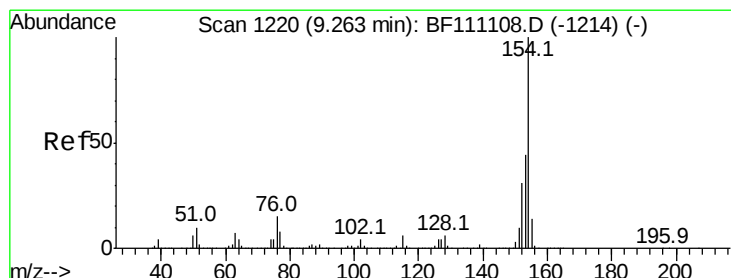
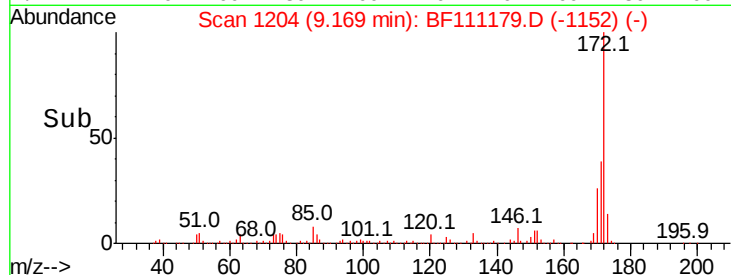
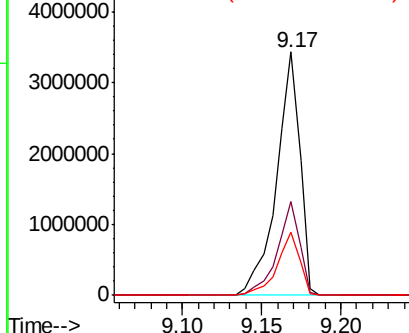
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	33.2	49.8
170	26.0	22.9	34.3

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM

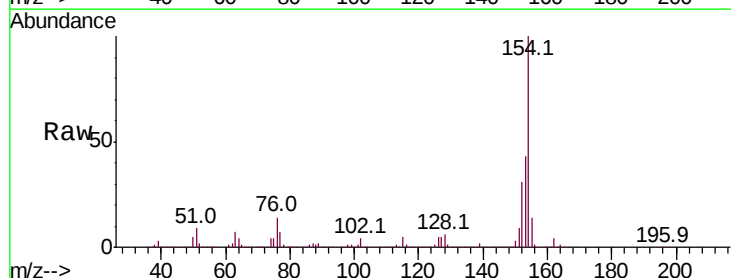


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

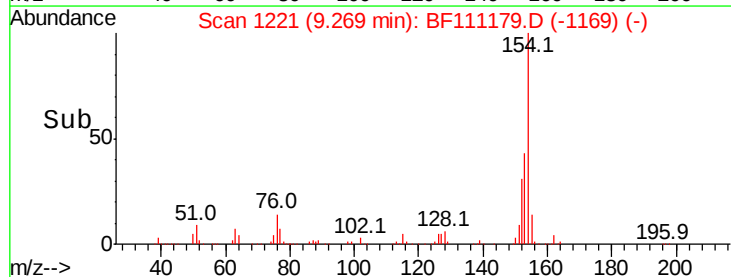
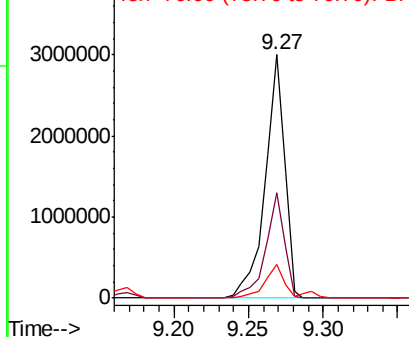


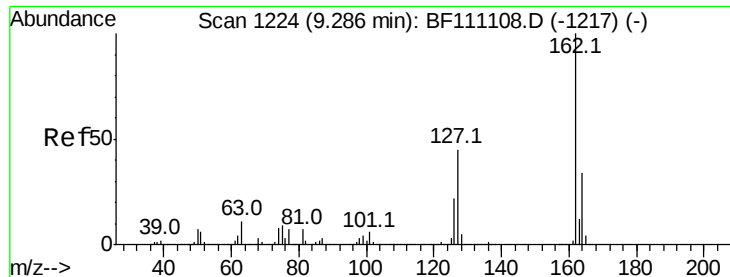
#46
1,1'-Biphenyl
Concen: 41.187 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.7	63.7
76	14.1	0.0	35.0



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





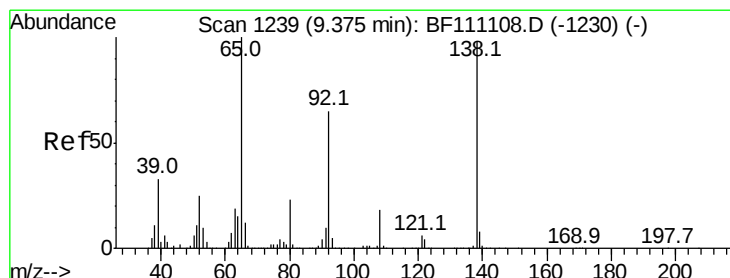
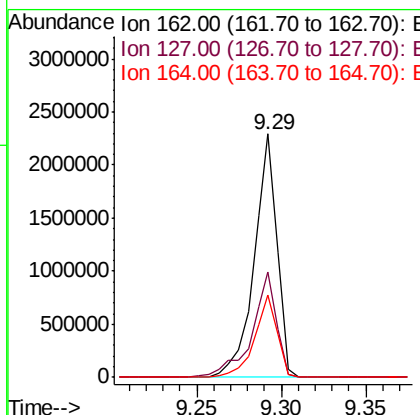
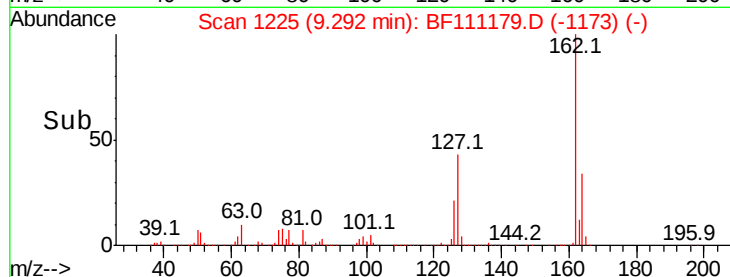
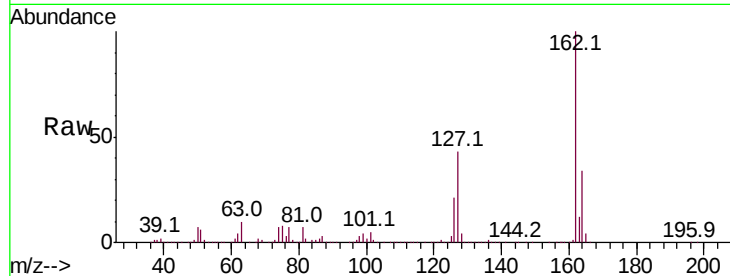
#47
2-Chloronaphthalene
Concen: 42.703 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	36.4	54.6
164	33.7	27.3	40.9

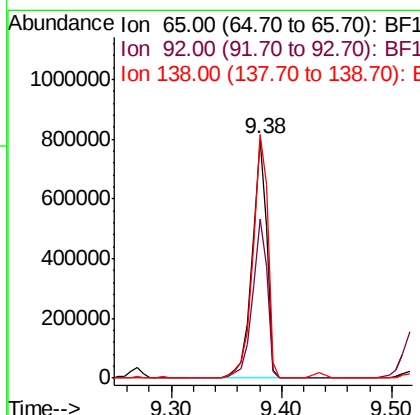
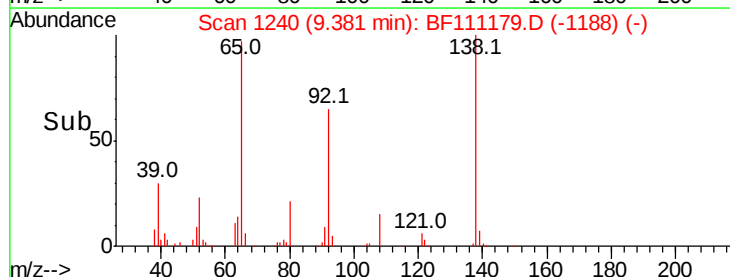
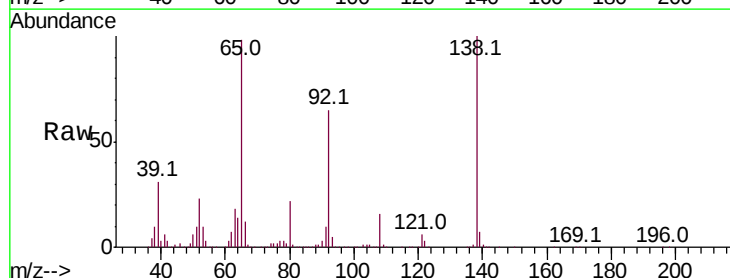
Manual Integrations
APPROVED

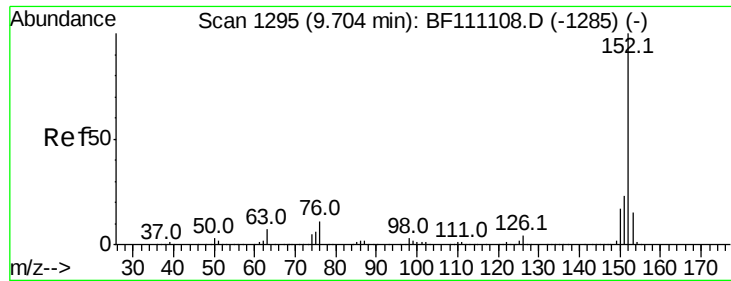
Sohil
12/11/2018 8:44:39 AM



#48
2-Nitroaniline
Concen: 45.156 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.1	78.1
138	101.9	78.2	117.4





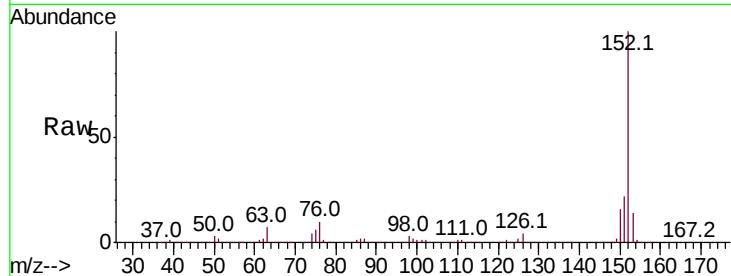
#49
Acenaphthylene
Concen: 46.952 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.3	27.5
153	14.5	11.8	17.8

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM

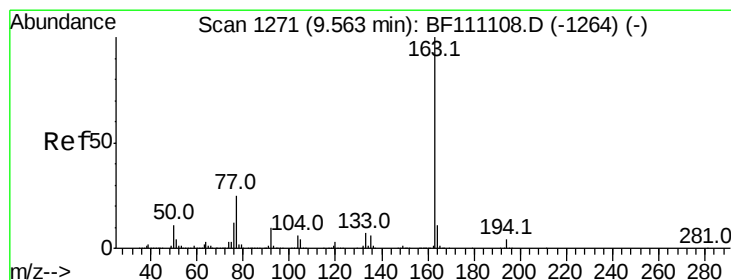
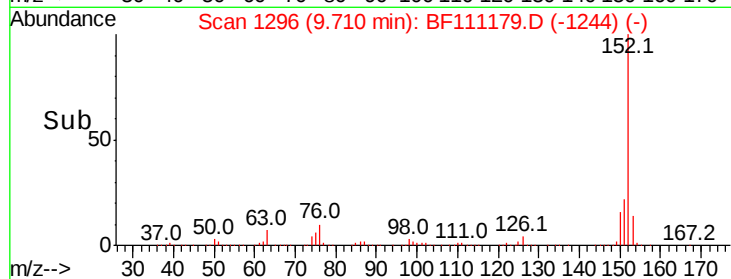
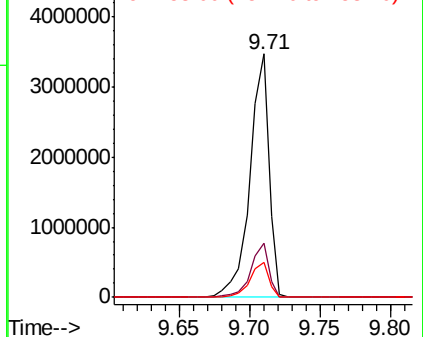


Abundance

Ion 152.00 (151.70 to 152.70): E

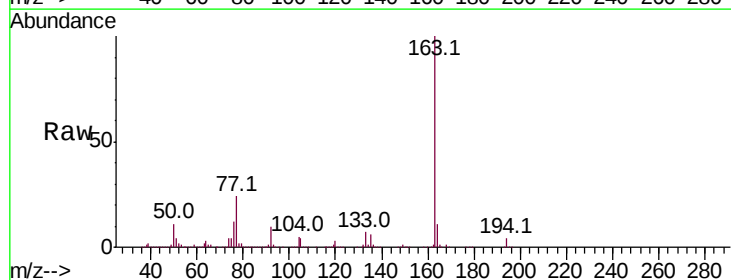
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 43.629 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.9	8.9	13.3

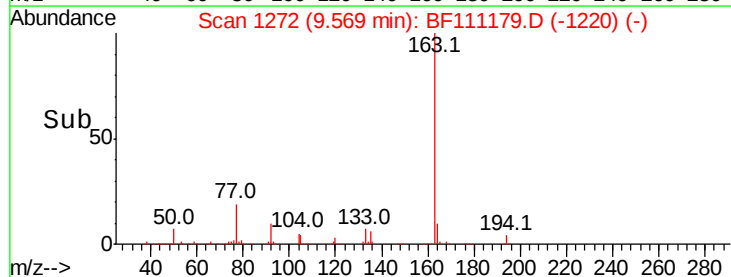
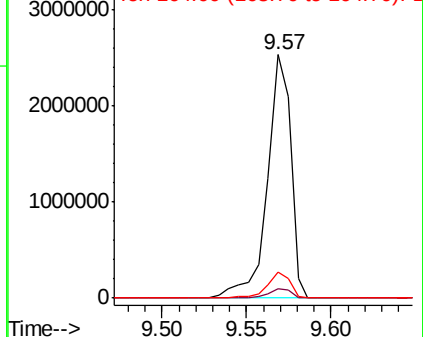


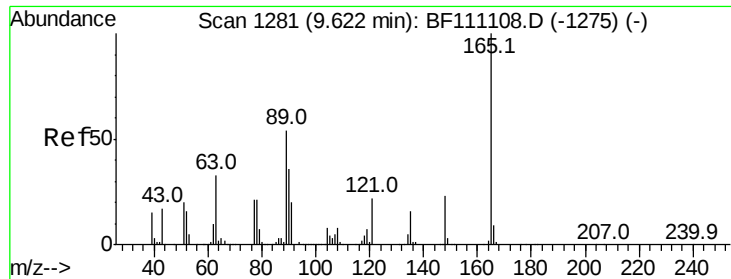
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





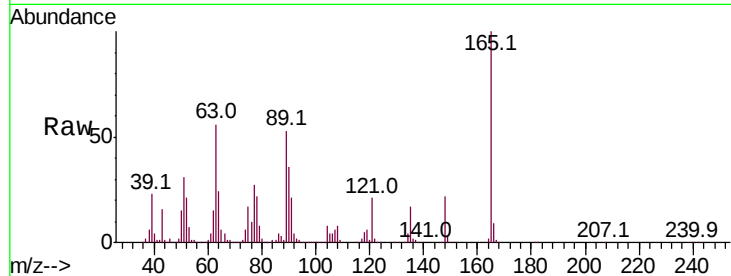
#51
 2,6-Dinitrotoluene
 Concen: 47.739 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	56.0	44.7	67.1
89	53.1	43.0	64.4

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:39 AM

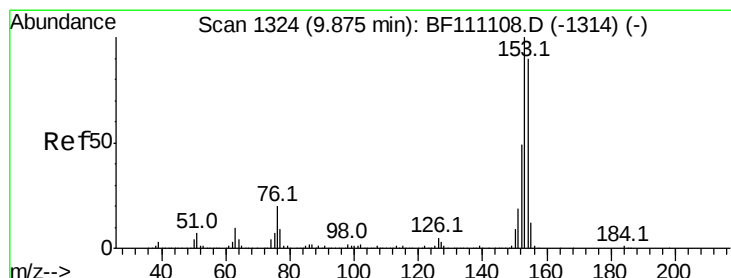
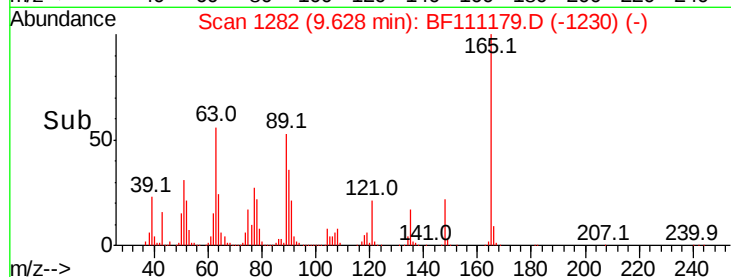
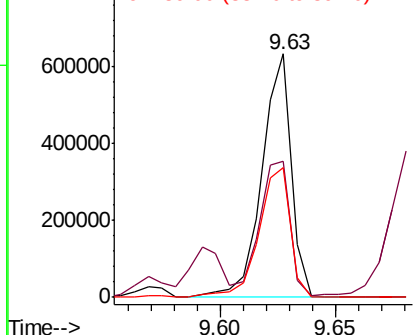


Abundance

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: 47.438 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

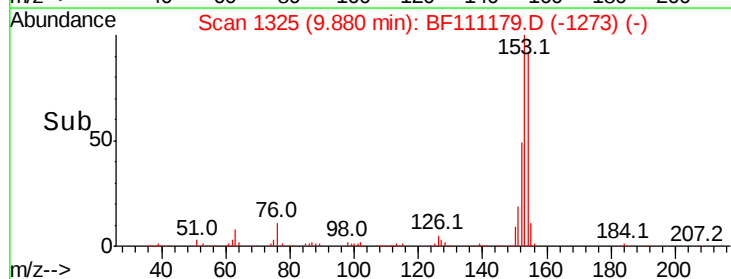
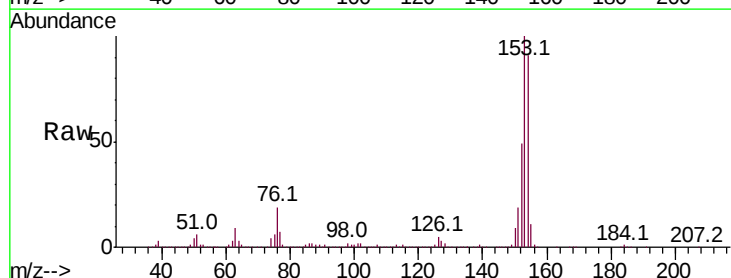
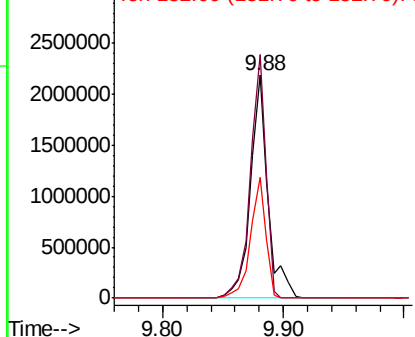
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	109.3	88.7	133.1
152	54.1	43.8	65.8

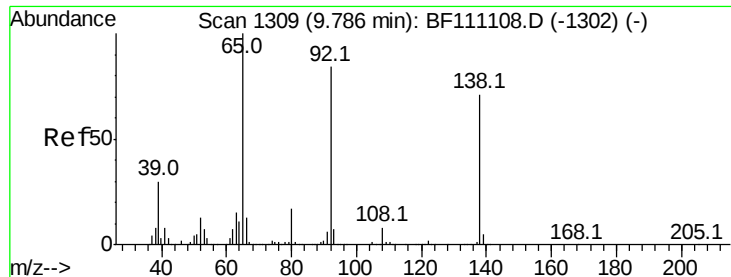
Abundance

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





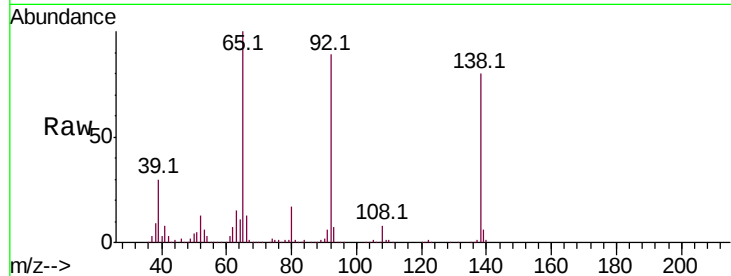
#53
3-Nitroaniline
Concen: 31.777 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	110.2	94.1	141.1

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM

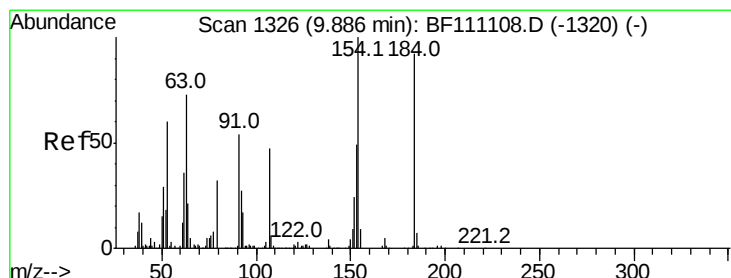
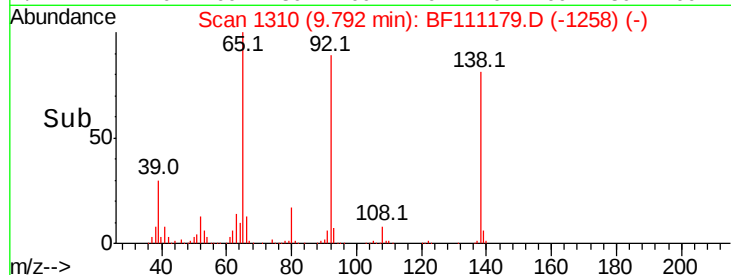
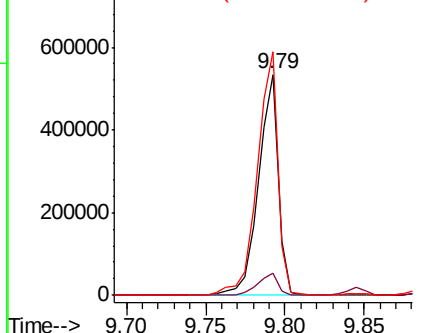


Abundance

Ion 138.00 (137.70 to 138.70): E

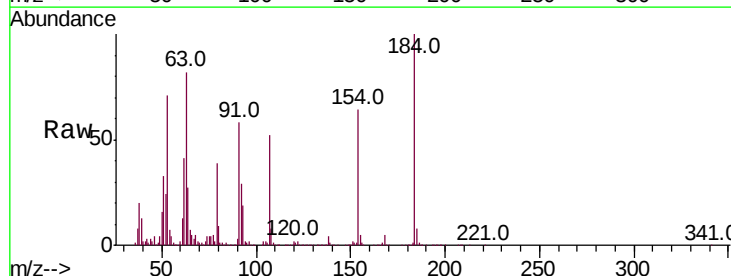
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 115.246 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.5	64.2	96.4
154	64.3	89.5	134.3#

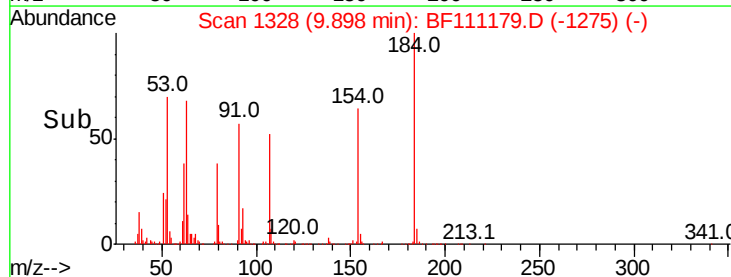
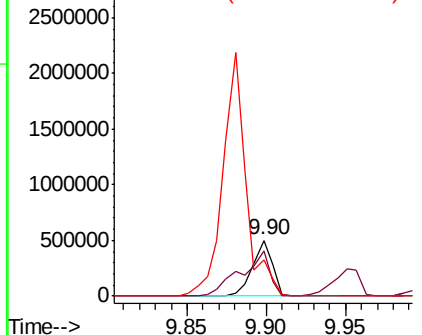


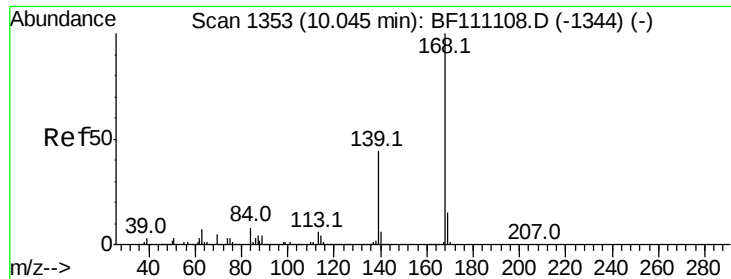
Abundance

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





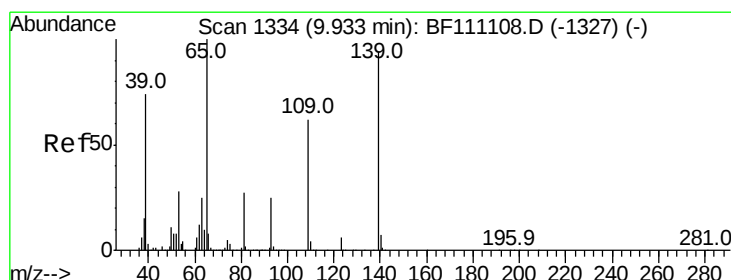
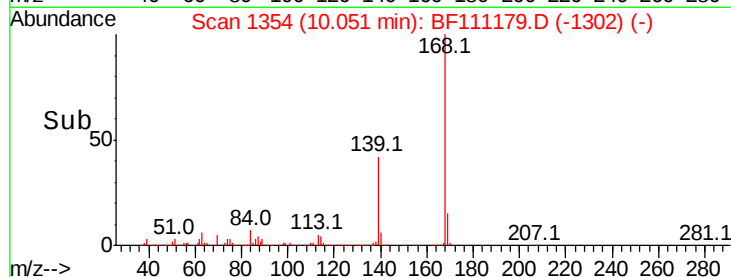
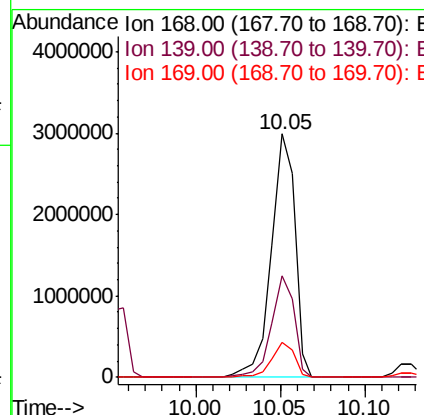
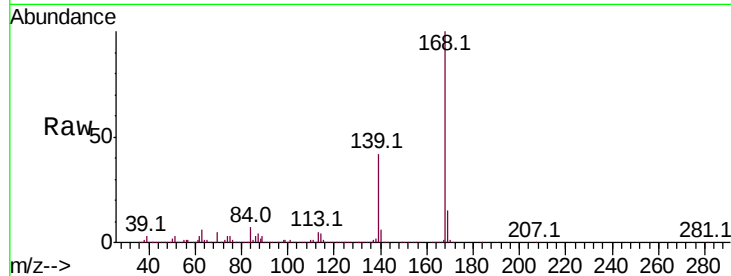
#55
Dibenzofuran
Concen: 44.940 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampled :
PB115243BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	35.1	52.7
169	14.6	12.2	18.4

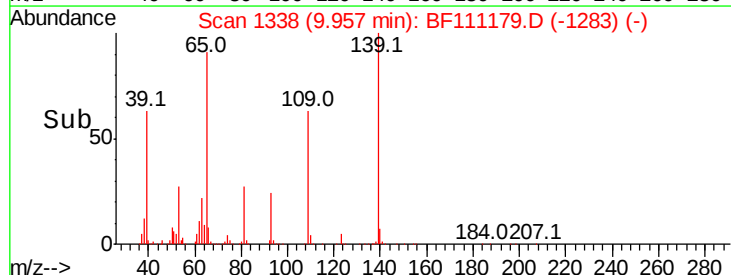
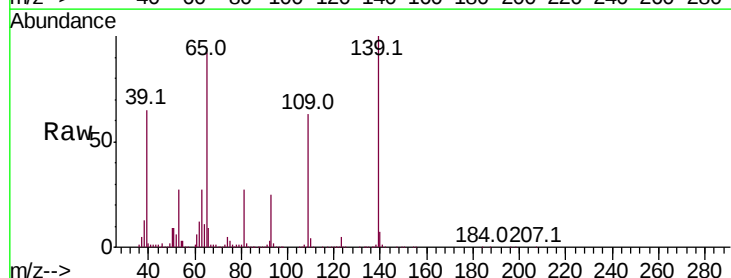
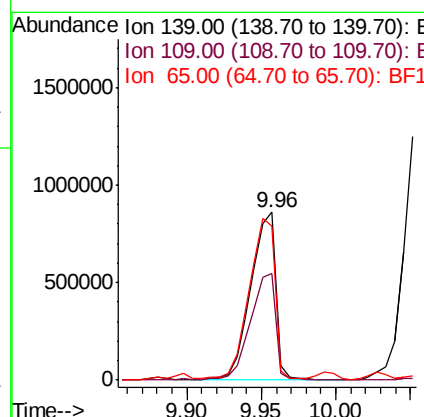
Manual Integrations
APPROVED

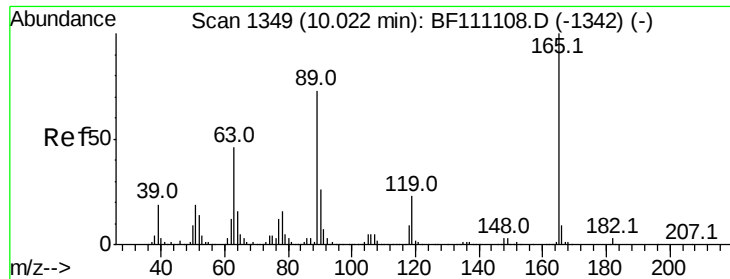
Sohil
12/11/2018 8:44:39 AM



#56
4-Nitrophenol
Concen: 89.341 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.3	46.1	86.1
65	92.0	87.0	127.0





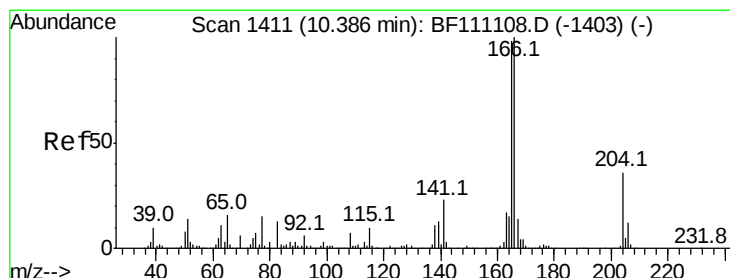
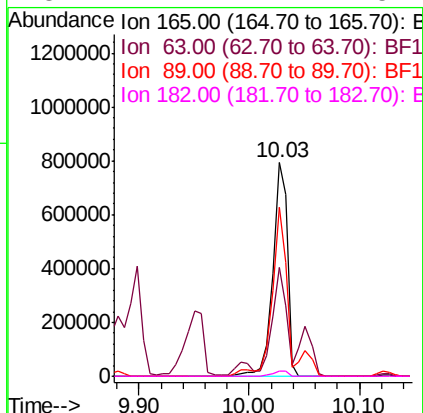
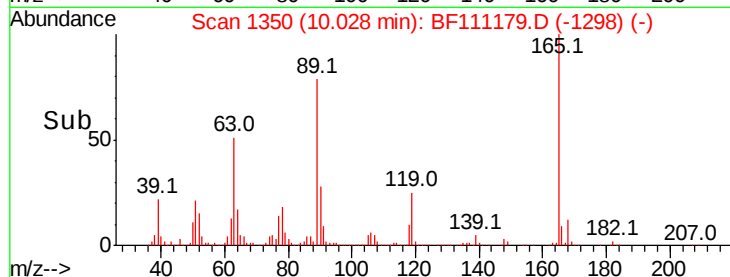
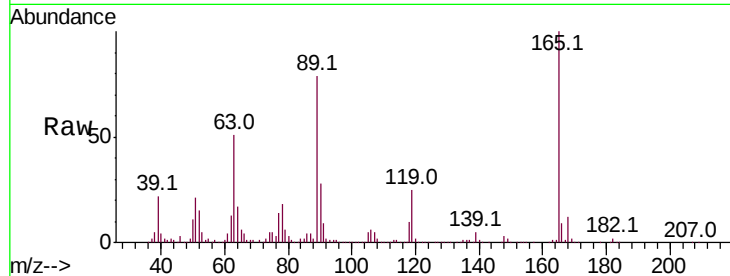
#57
2,4-Dinitrotoluene
Concen: 48.594 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	736934		
63	50.9	36.7	55.1	
89	79.4	58.4	87.6	
182	2.4	2.1	3.1	

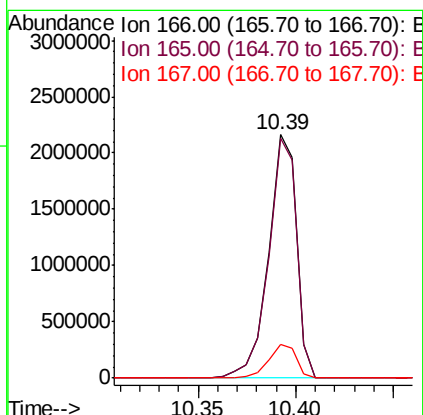
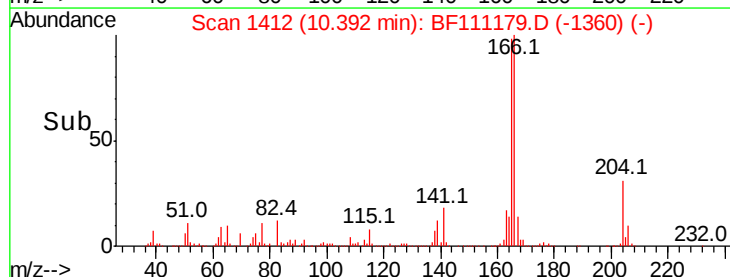
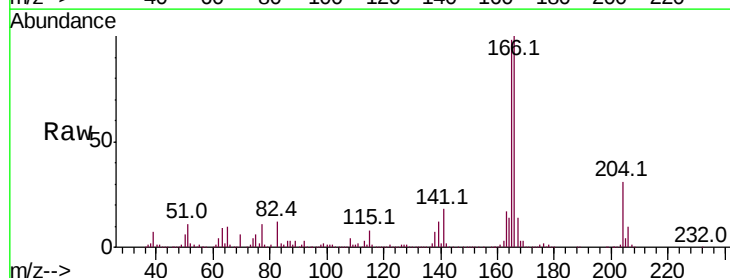
Manual Integrations
APPROVED

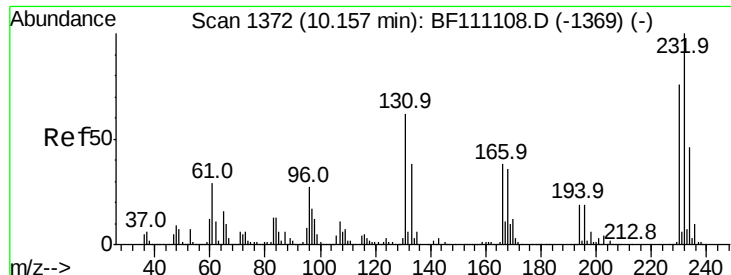
Sohil
12/11/2018 8:44:39 AM



#58
Fluorene
Concen: 47.443 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2154097		
165	98.4	78.4	117.6	
167	13.8	11.4	17.2	





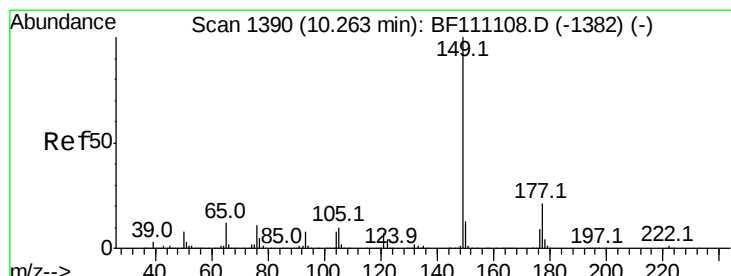
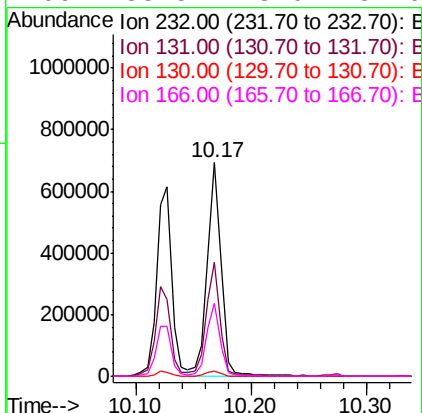
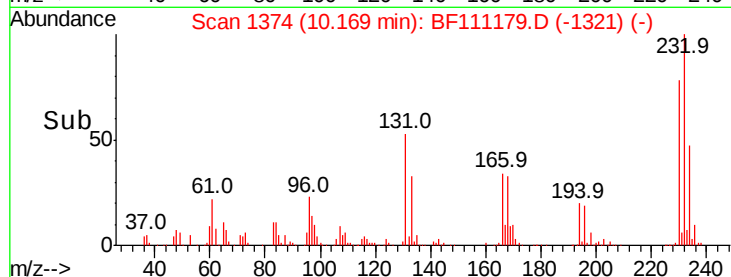
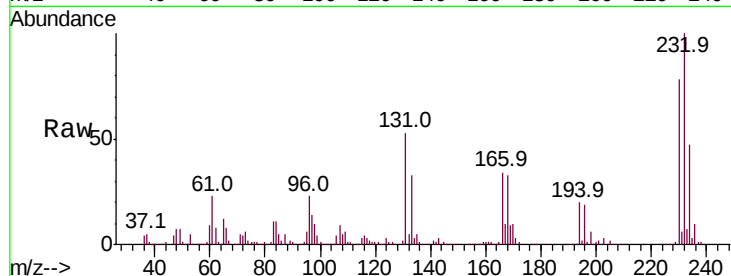
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.319 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.0	40.4	60.6
130	2.4	2.1	3.1
166	33.5	23.0	34.6

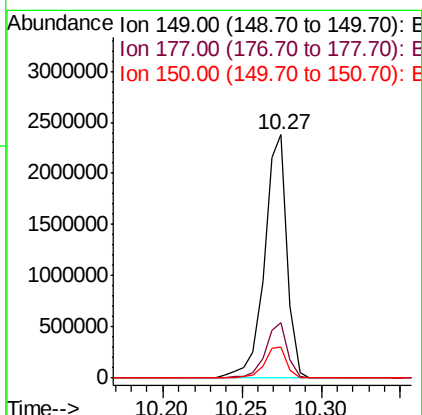
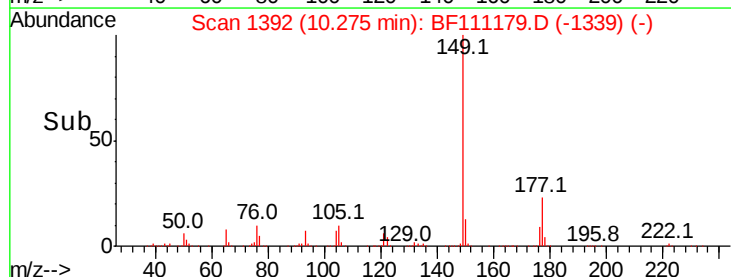
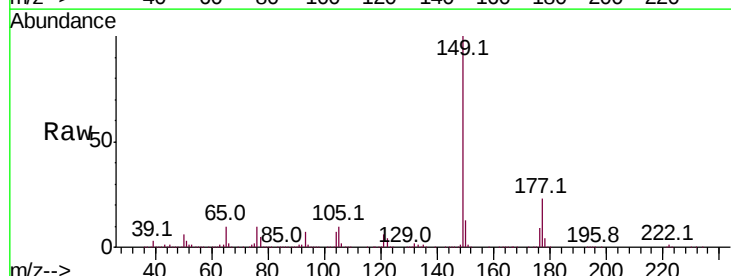
Manual Integrations
APPROVED

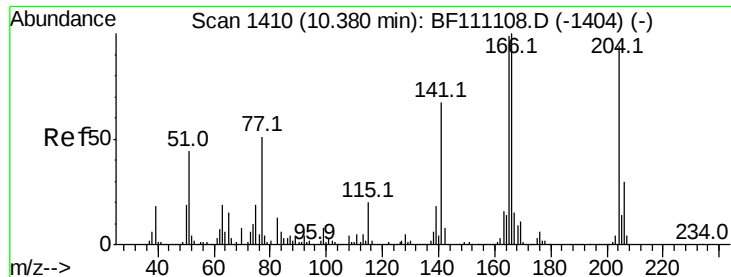
Sohil
12/11/2018 8:44:39 AM



#60
Diethylphthalate
Concen: 42.681 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.0	25.6
150	13.0	10.5	15.7





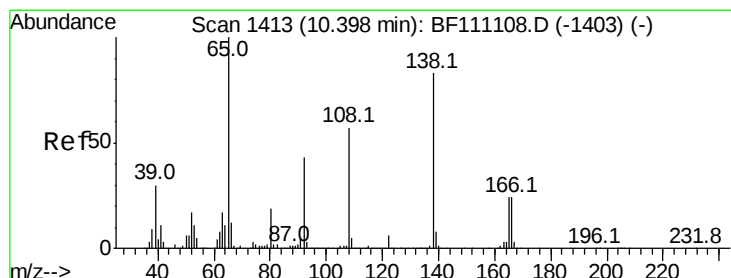
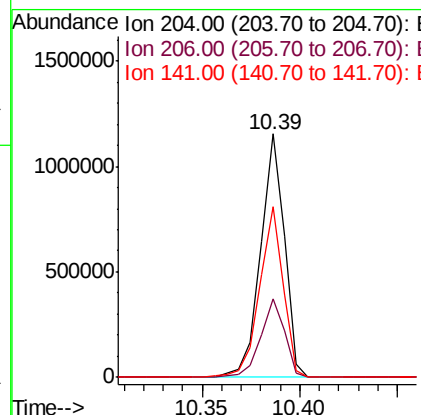
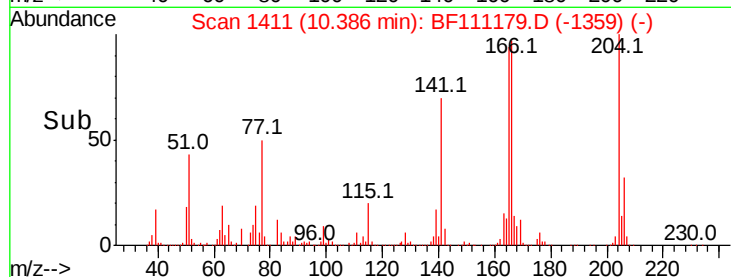
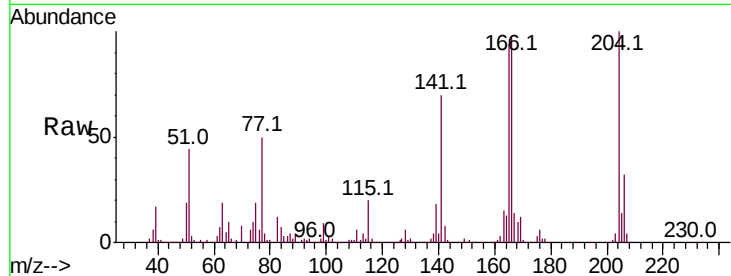
#61
 4-Chlorophenyl-phenylether
 Concen: 43.573 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BS

Tot Ion:	204	Resp:	974967
Ion Ratio	Lower	Upper	
204	100		
206	32.1	25.9	38.9
141	69.9	57.4	86.0

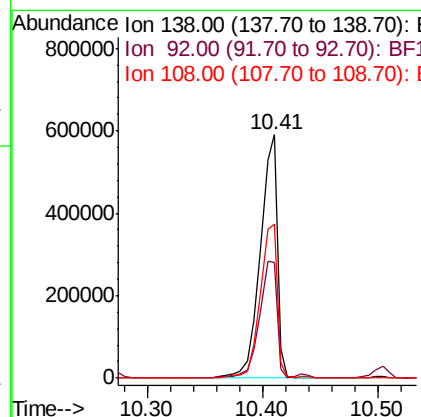
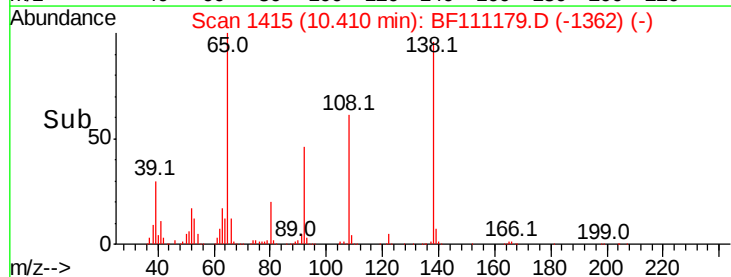
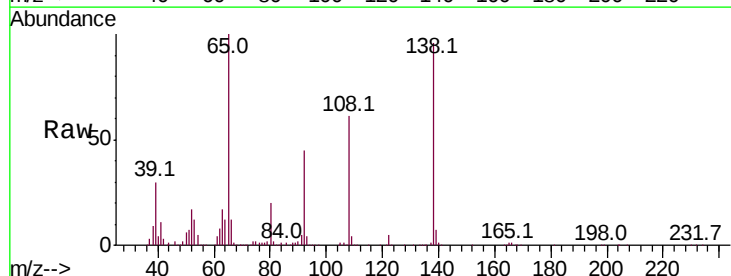
Manual Integrations
 APPROVED

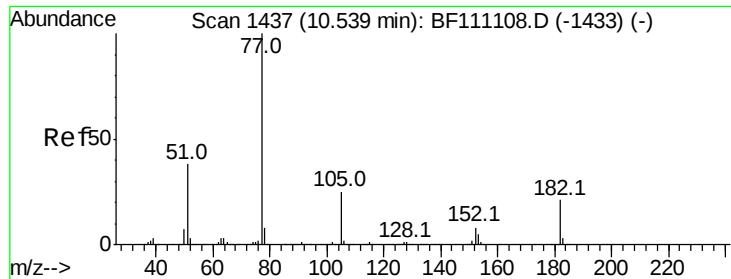
Sohil
 12/11/2018 8:44:39 AM



#62
 4-Nitroaniline
 Concen: 46.123 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Tgt Ion:	138	Resp:	613989
Ion Ratio	Lower	Upper	
138	100		
92	47.3	31.6	71.6
108	63.3	48.3	88.3





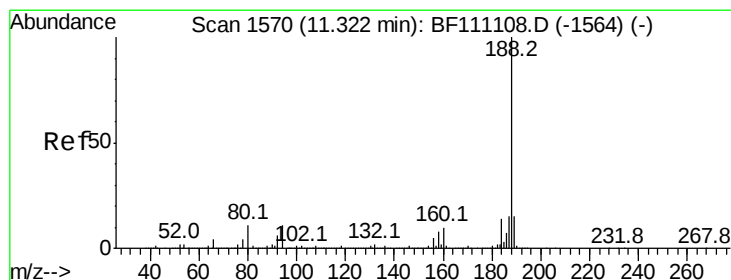
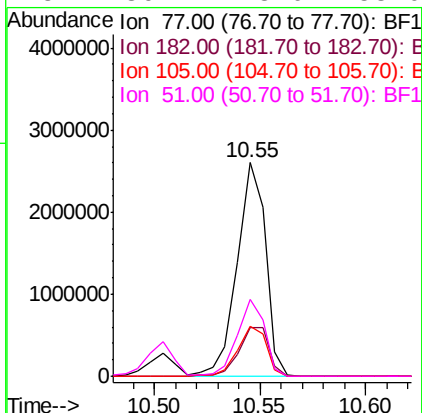
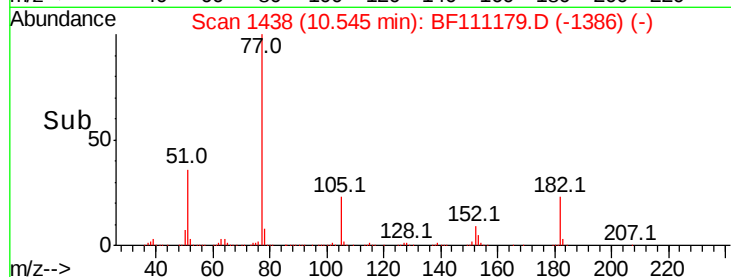
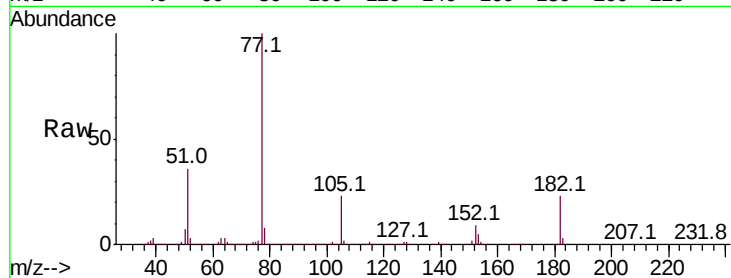
#63
Azobenzene
Concen: 41.158 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion: 77 Resp: 2425280
Ion Ratio Lower Upper
77 100
182 22.9 1.4 41.4
105 23.4 4.7 44.7
51 36.1 18.0 58.0

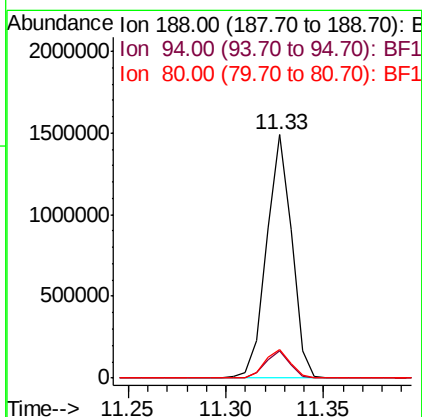
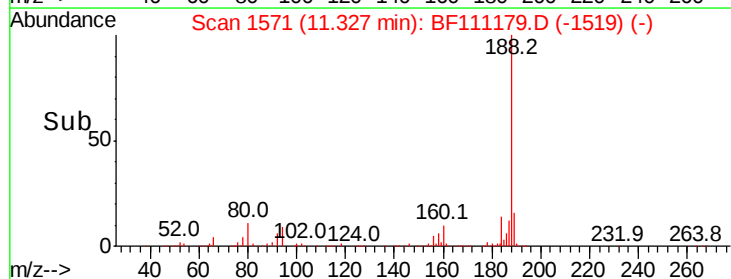
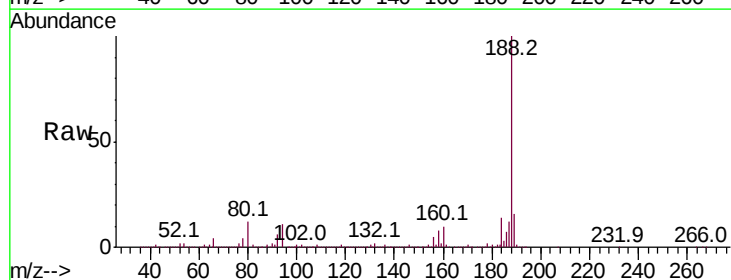
Manual Integrations
APPROVED

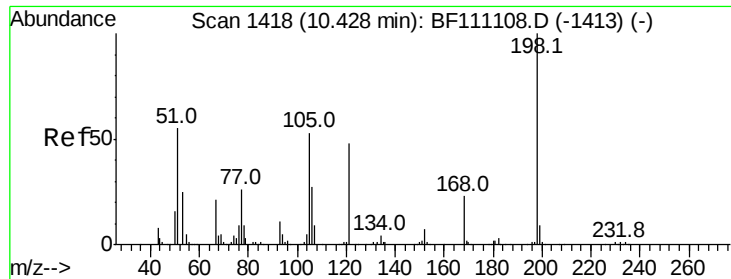
Sohil
12/11/2018 8:44:39 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion: 188 Resp: 1335588
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.0 13.6





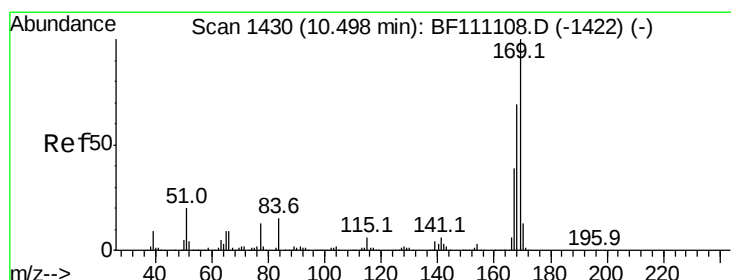
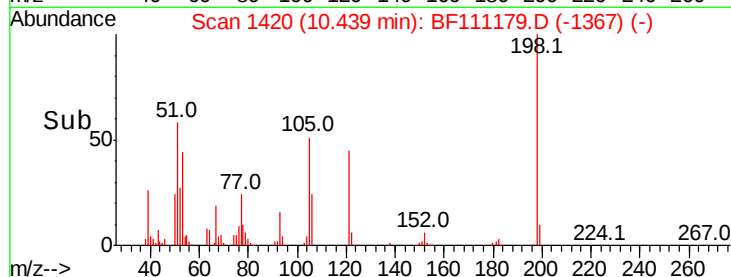
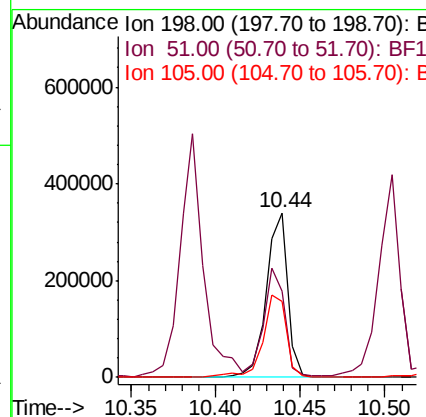
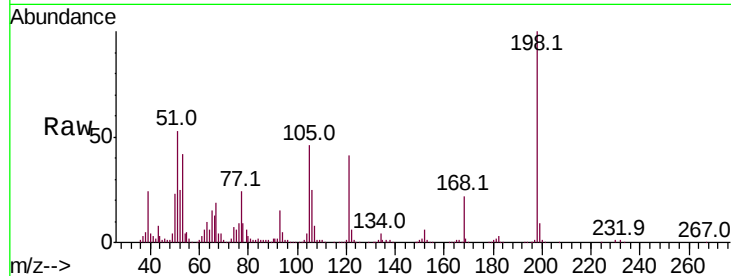
#65
4,6-Dinitro-2-methylphenol
Concen: 54.041 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	298188		
51	52.6	48.8	88.8	
105	45.9	35.2	75.2	

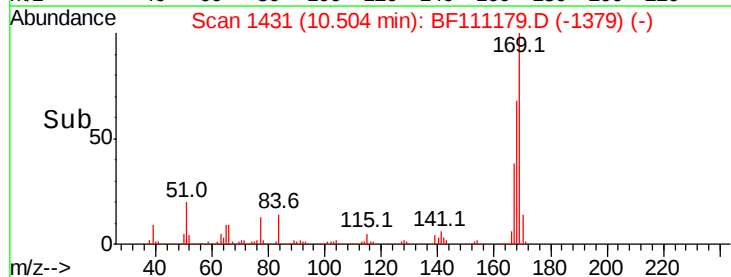
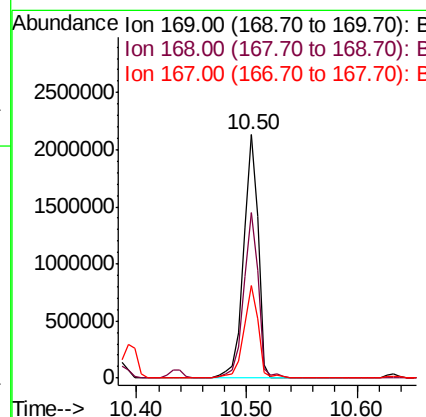
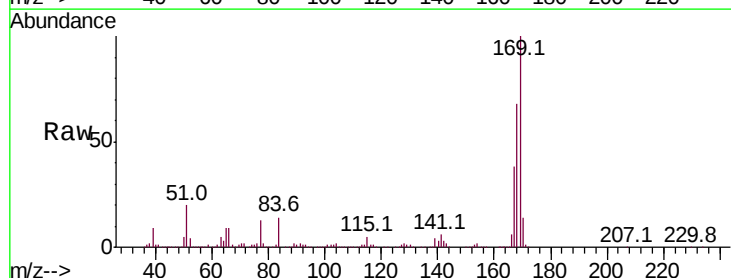
Manual Integrations
APPROVED

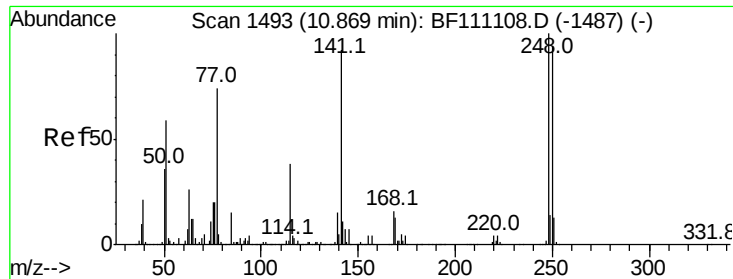
Sohil
12/11/2018 8:44:39 AM



#66
n-Nitrosodiphenylamine
Concen: 42.213 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1974144		
168	68.1	55.4	83.2	
167	38.1	31.1	46.7	





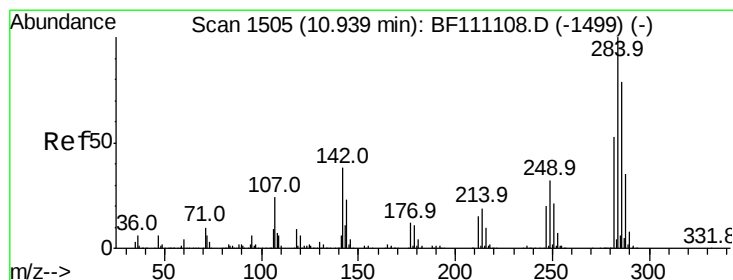
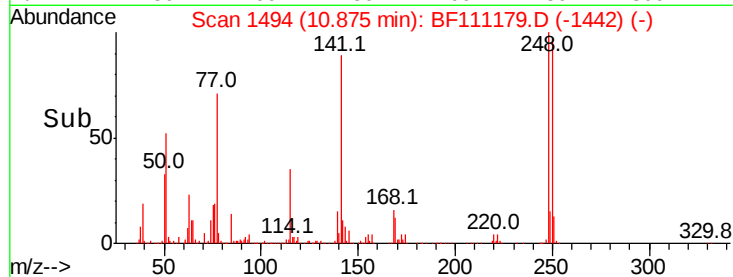
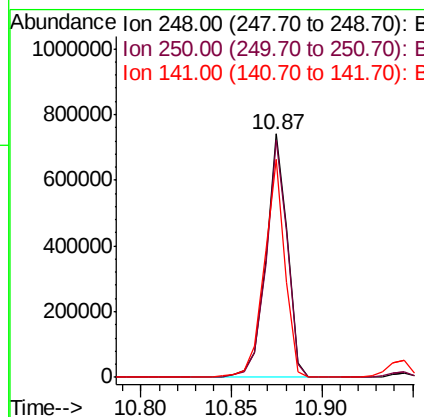
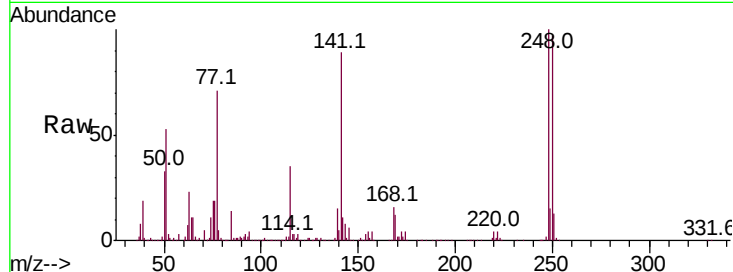
#67
4-Bromophenyl-phenylether
Concen: 42.604 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampled :
PB115243BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	75.4	113.0
141	89.3	73.8	110.6

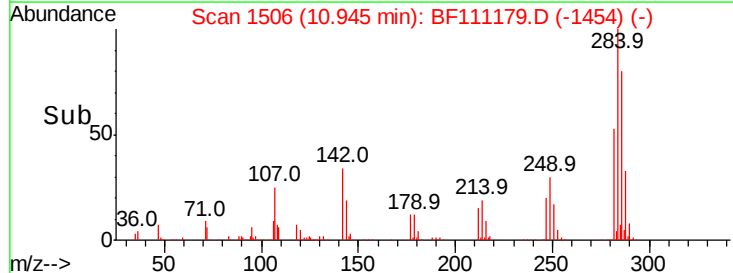
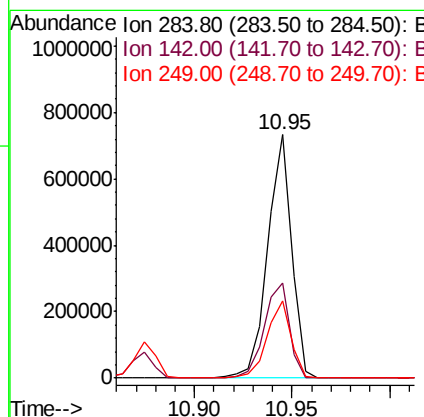
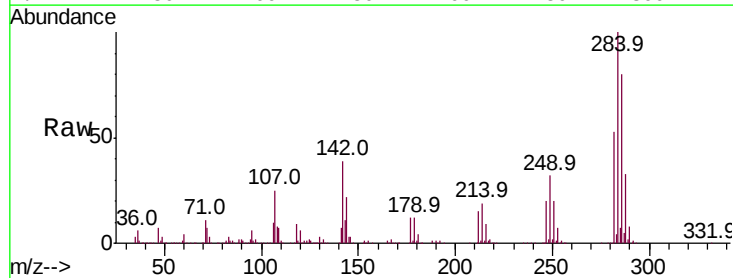
Manual Integrations
APPROVED

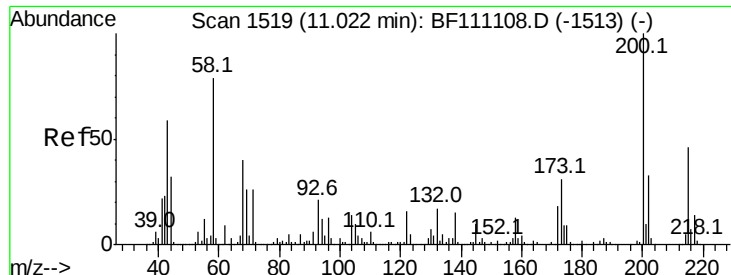
Sohil
12/11/2018 8:44:39 AM



#68
Hexachlorobenzene
Concen: 43.009 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.2	30.2	45.2
249	31.6	25.3	37.9





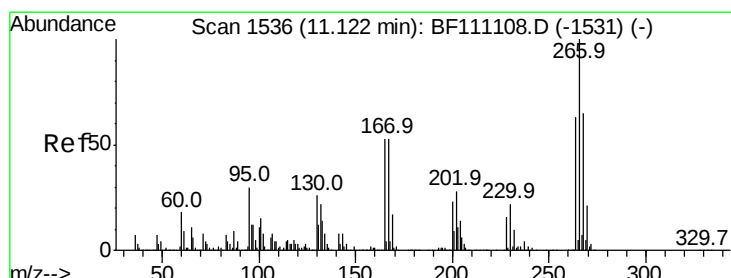
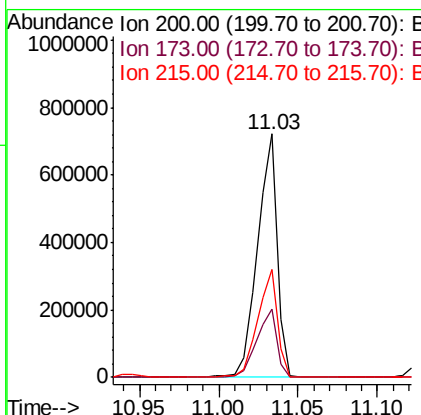
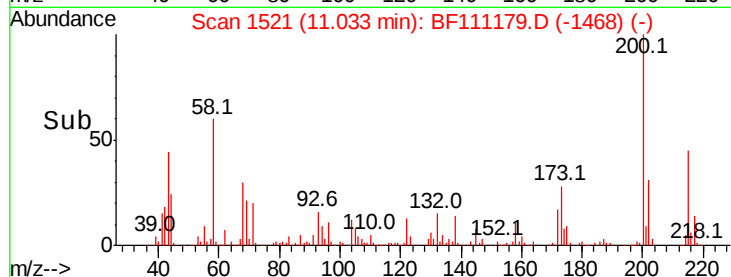
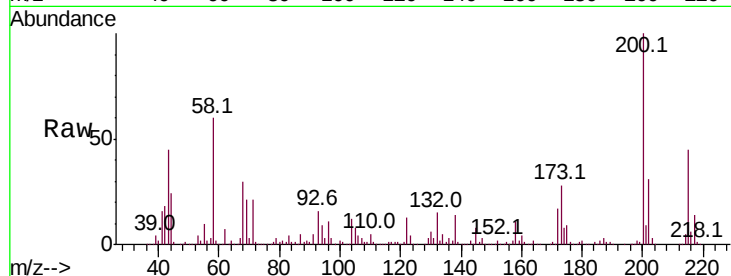
#69
Atrazine
Concen: 50.385 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	627251		
173	28.0	11.3	51.3	
215	44.6	25.9	65.9	

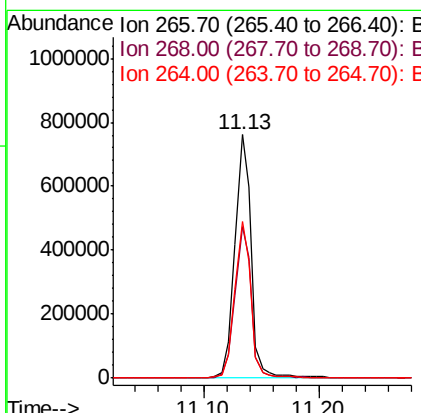
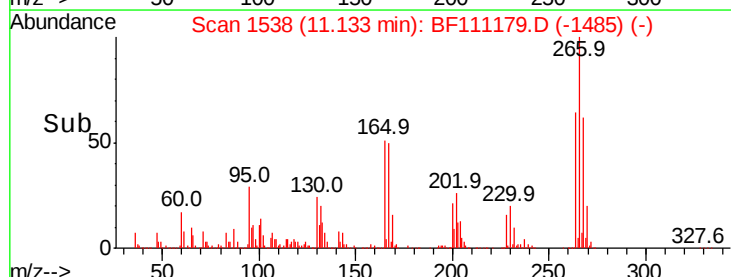
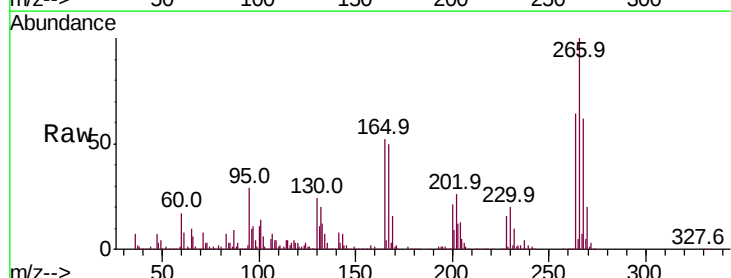
Manual Integrations
APPROVED

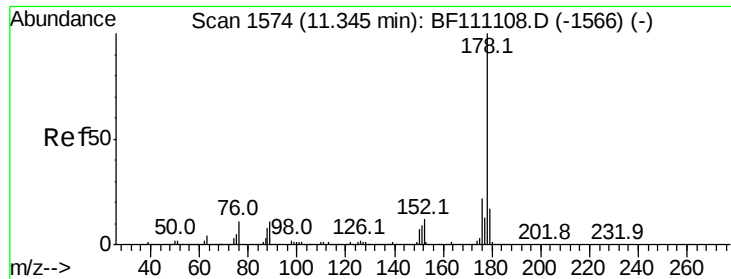
Sohil
12/11/2018 8:44:39 AM



#70
Pentachlorophenol
Concen: 78.349 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	744845		
268	62.3	52.2	78.4	
264	64.4	50.8	76.2	





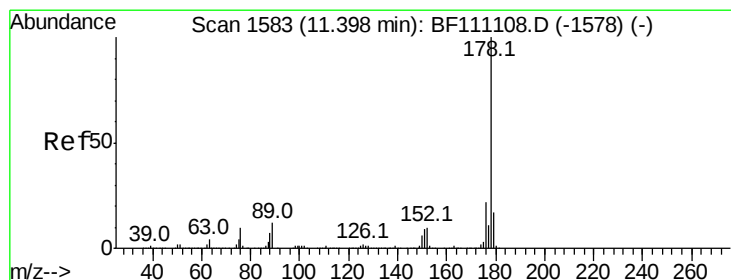
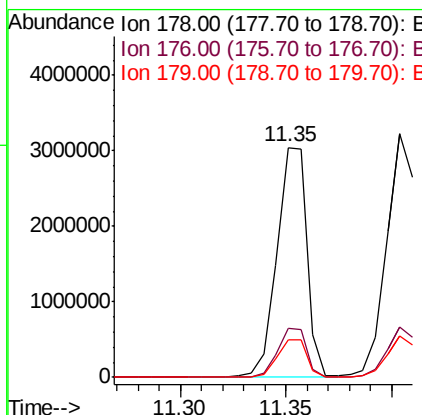
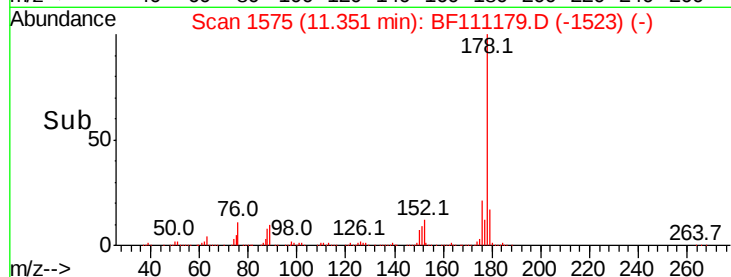
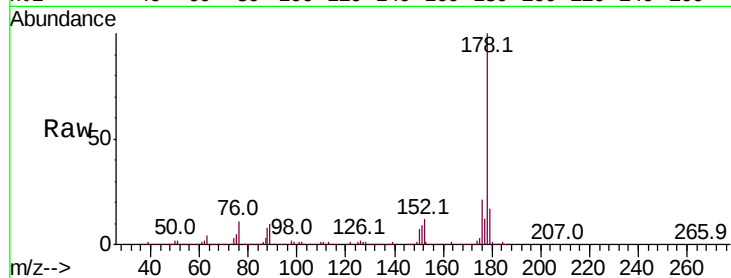
#71
Phenanthrene
Concen: 46.899 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion:178 Resp: 3012993
Ion Ratio Lower Upper
178 100
176 21.3 17.7 26.5
179 16.6 14.0 21.0

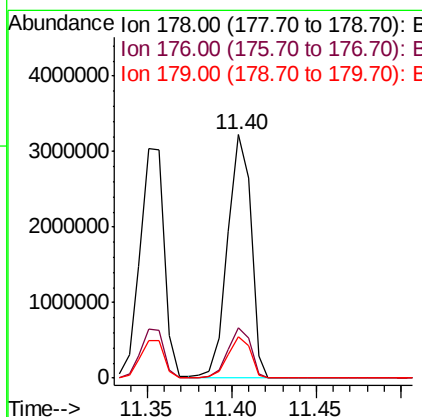
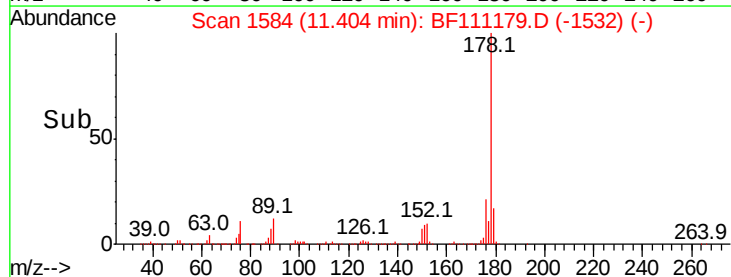
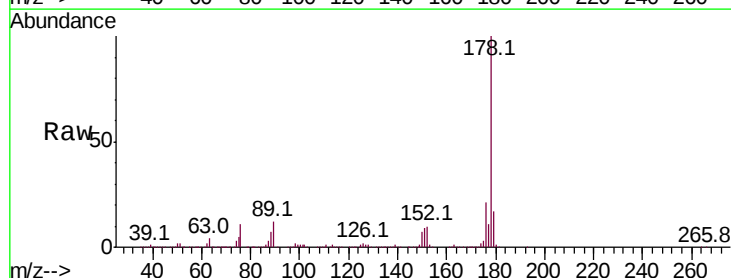
Manual Integrations
APPROVED

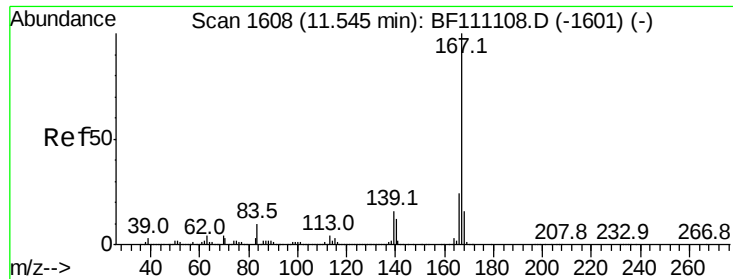
Sohil
12/11/2018 8:44:39 AM



#72
Anthracene
Concen: 47.798 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion:178 Resp: 3095302
Ion Ratio Lower Upper
178 100
176 20.7 17.3 25.9
179 16.9 13.8 20.8





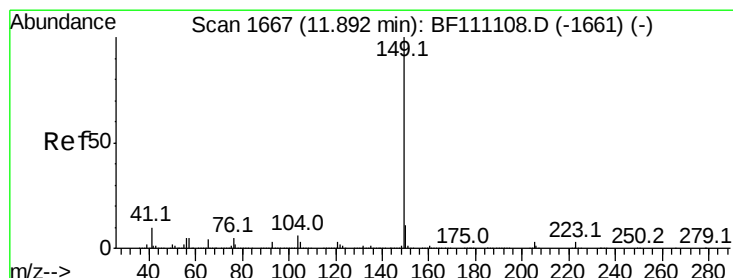
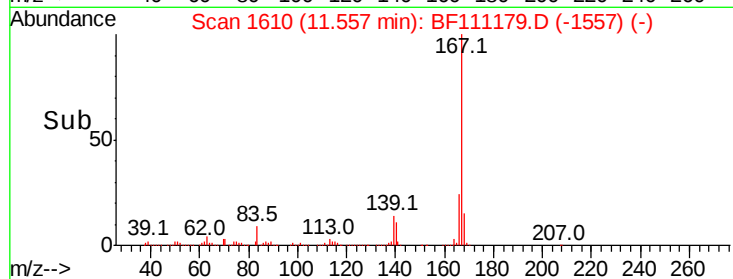
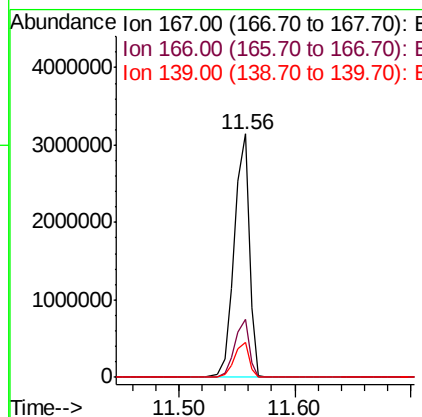
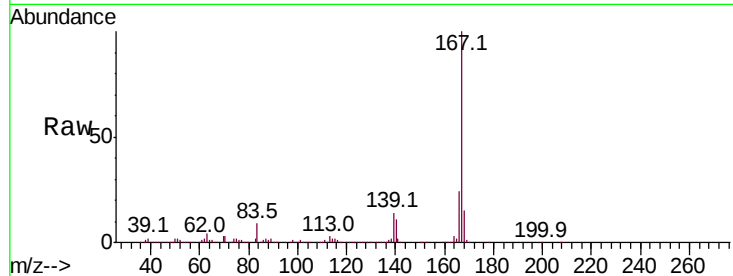
#73
 Carbazole
 Concen: 42.385 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.4	29.0
139	14.2	12.6	18.8

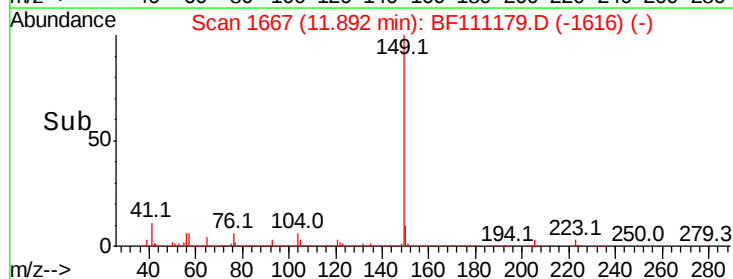
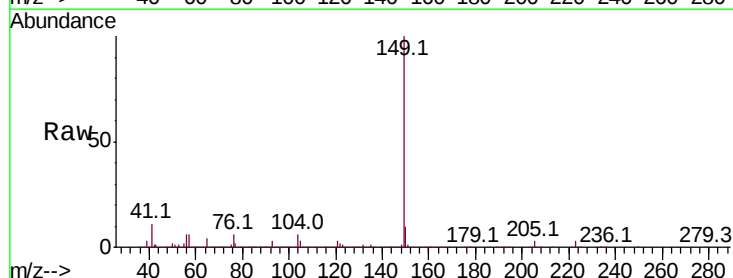
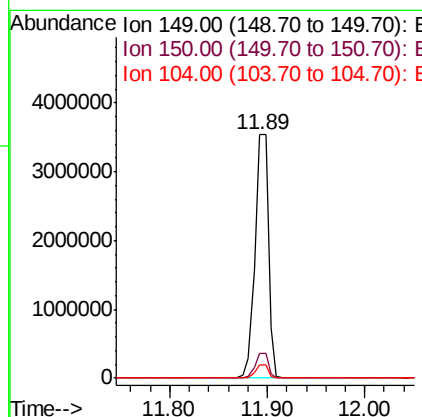
Manual Integrations
 APPROVED

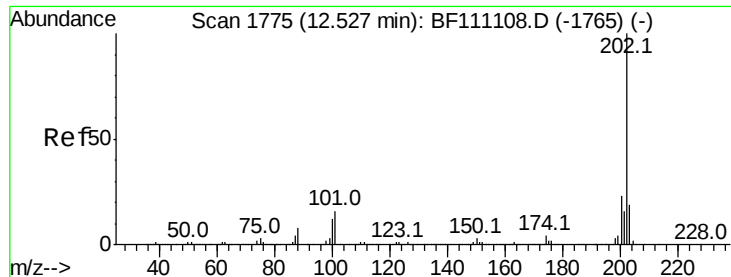
Sohil
 12/11/2018 8:44:39 AM



#74
 Di-n-butylphthalate
 Concen: 43.553 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF111179.D
 Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.6	12.8
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 46.888 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion:202 Resp: 2947578

Ion Ratio Lower Upper

202 100

101 14.6 0.0 35.8

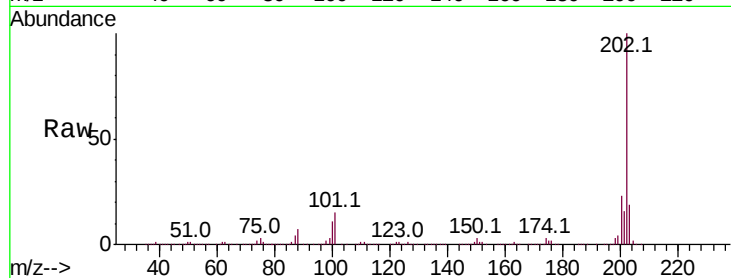
203 18.9 0.0 38.6

Manual Integrations

APPROVED

Sohil

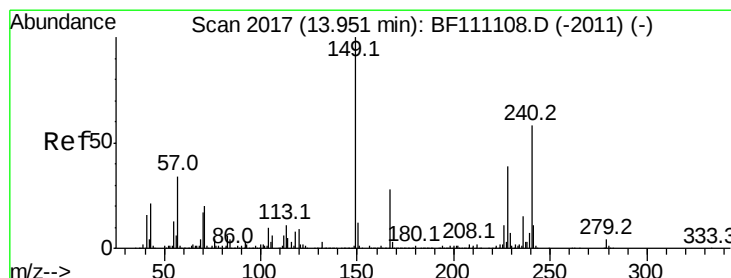
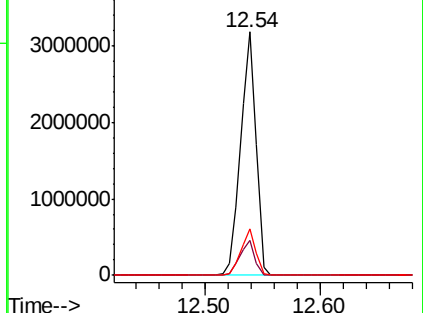
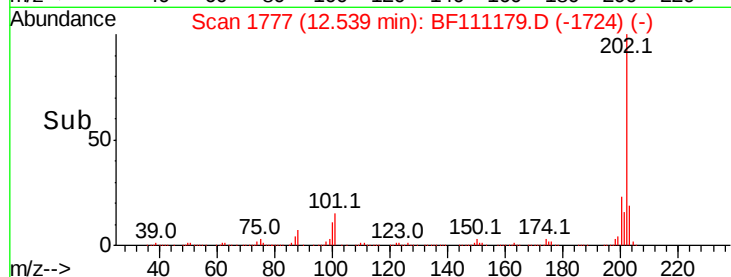
12/11/2018 8:44:39 AM



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: BF111179.D

Acq: 7 Dec 2018 11:43

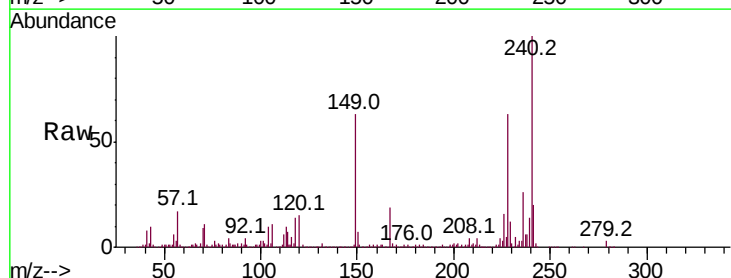
Tgt Ion:240 Resp: 812322

Ion Ratio Lower Upper

240 100

120 15.1 12.8 19.2

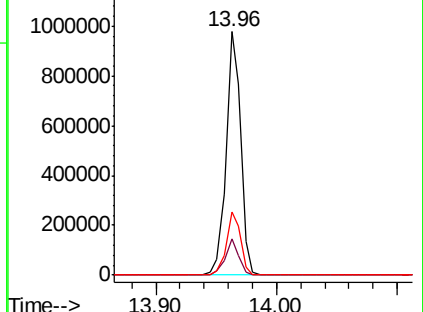
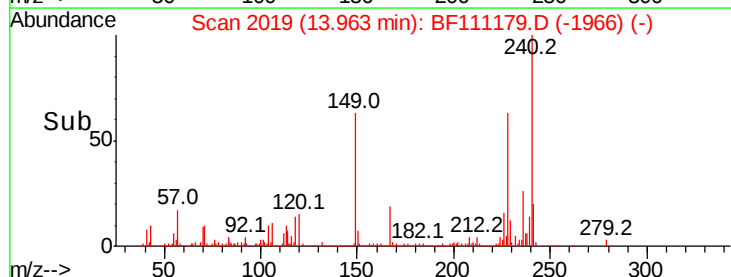
236 26.1 21.1 31.7

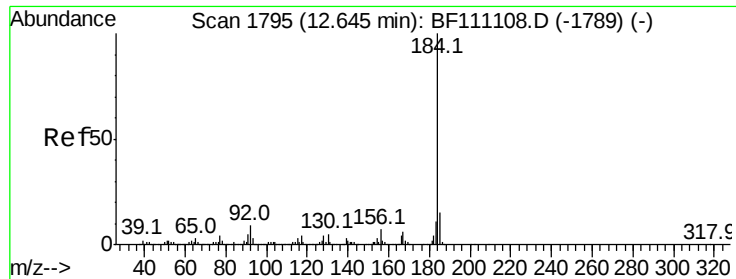


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.879 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion:184 Resp: 1405350

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

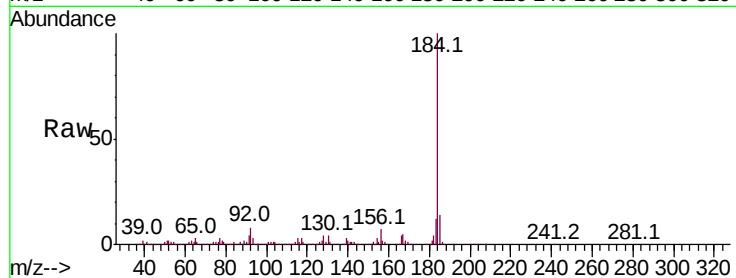
183 11.8 8.9 13.3

Manual Integrations

APPROVED

Sohil

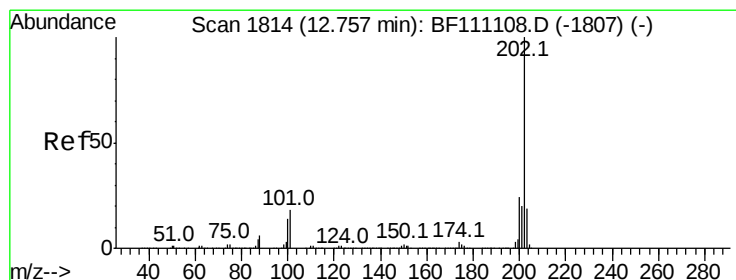
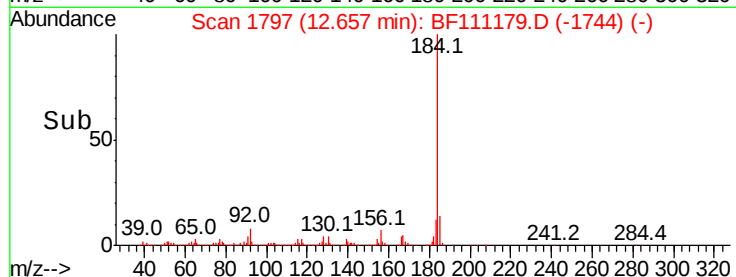
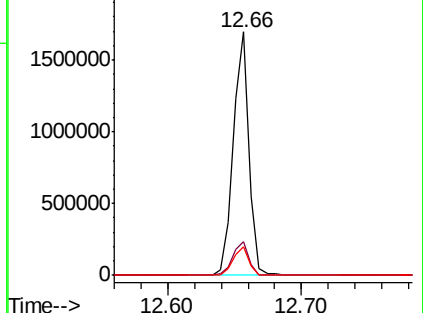
12/11/2018 8:44:39 AM



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: 46.634 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

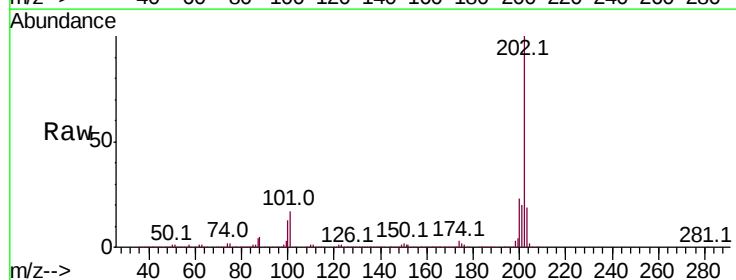
Tgt Ion:202 Resp: 2951283

Ion Ratio Lower Upper

202 100

200 23.4 19.3 28.9

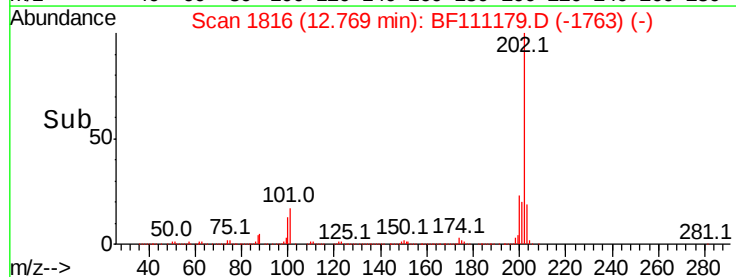
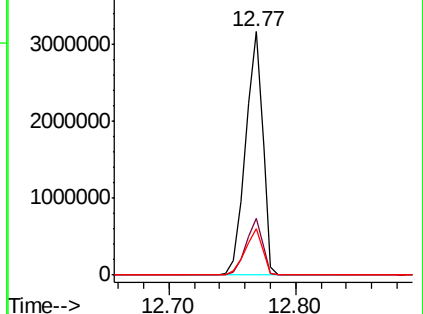
203 18.9 15.4 23.2

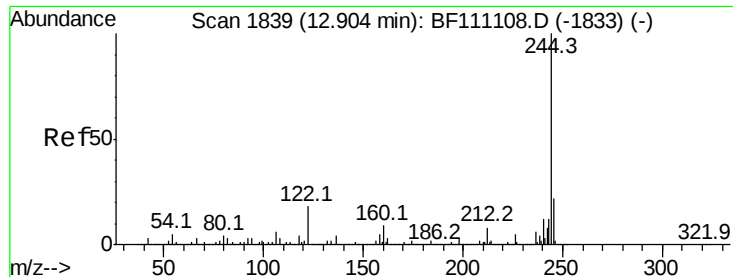


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.642 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

ClientSampleId :

PB115243BS

Tot Ion:244 Resp: 3000302

Ion Ratio Lower Upper

244 100

212 7.3 6.6 9.8

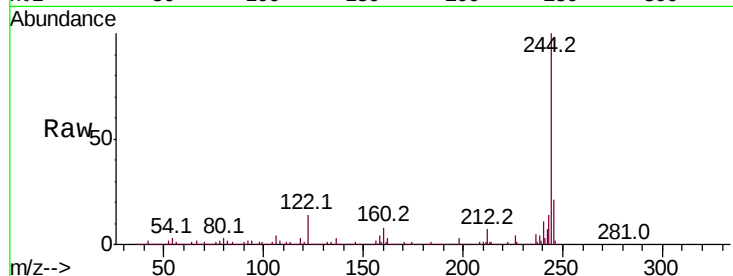
122 13.6 14.2 21.2#

Manual Integrations

APPROVED

Sohil

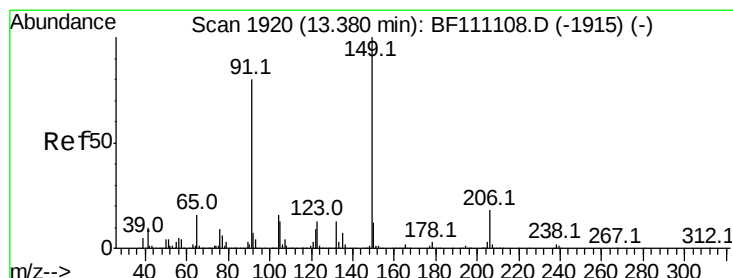
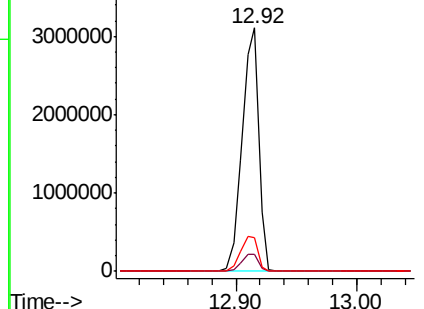
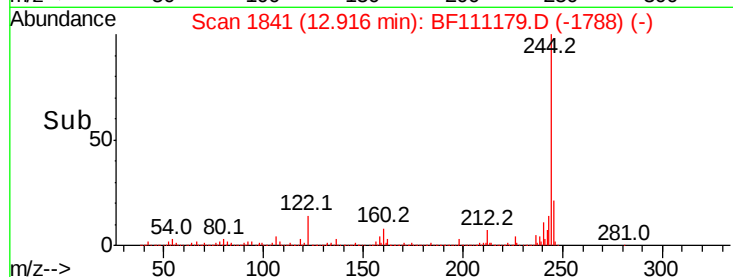
12/11/2018 8:44:39 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.484 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

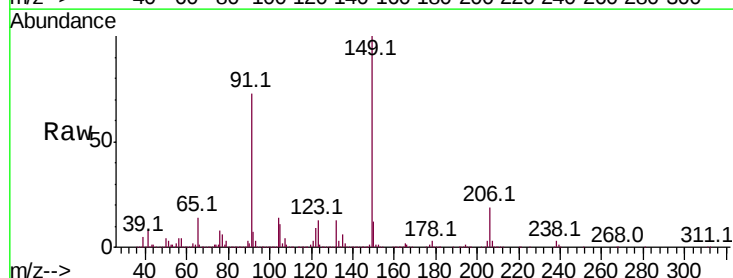
Tgt Ion:149 Resp: 1421120

Ion Ratio Lower Upper

149 100

91 72.7 64.0 96.0

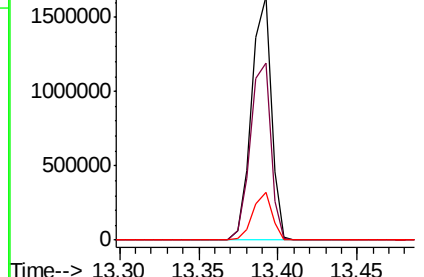
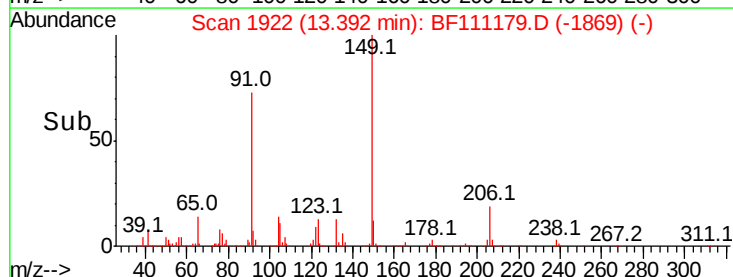
206 19.5 14.1 21.1

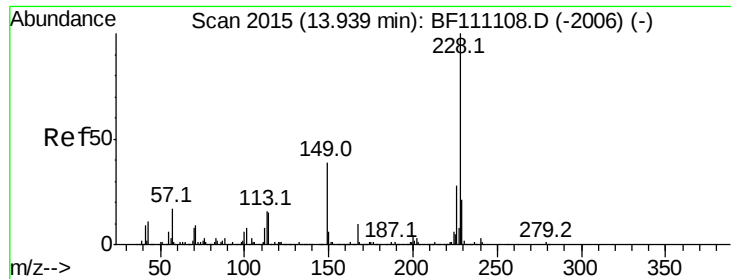


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





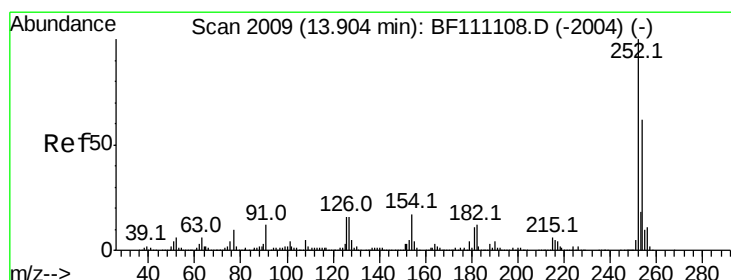
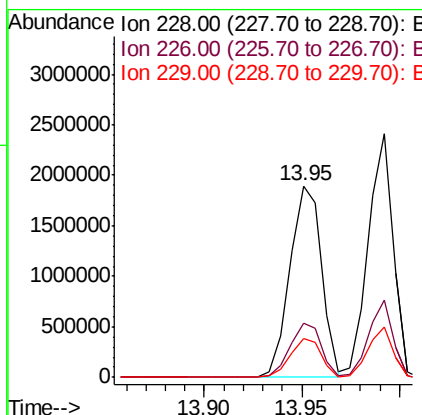
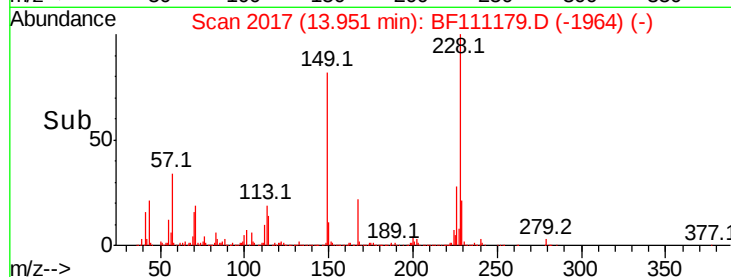
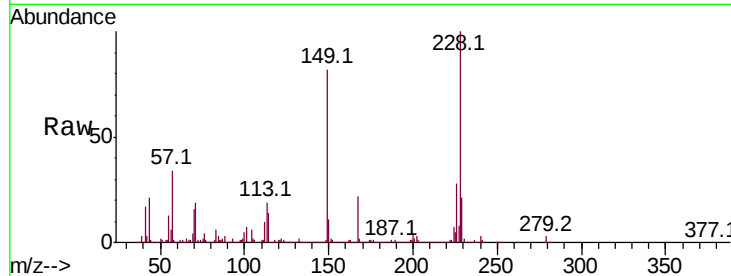
#81
Benzo(a)anthracene
Concen: 44.651 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion:228 Resp: 2125140
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.6 16.7 25.1

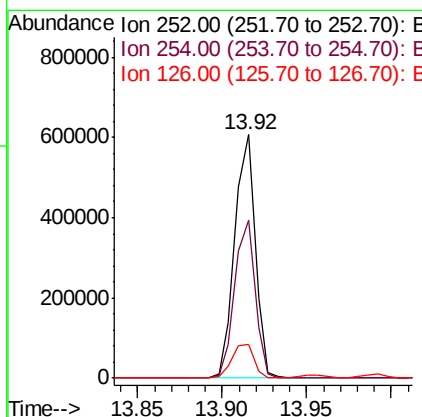
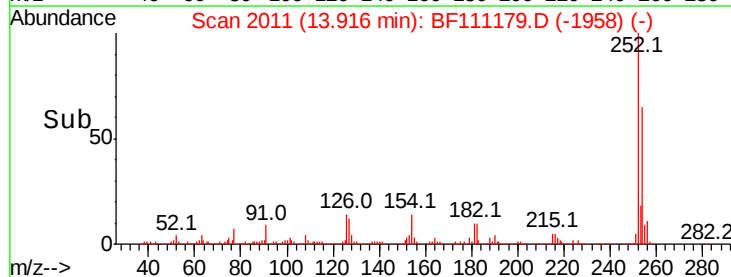
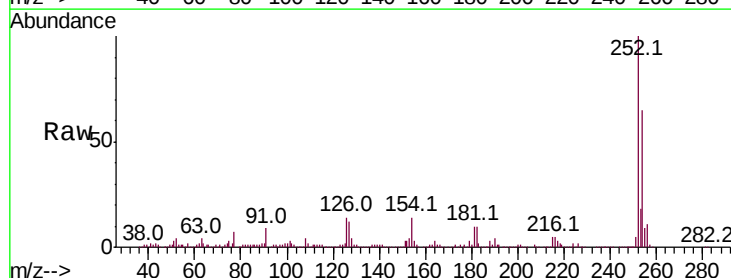
Manual Integrations
APPROVED

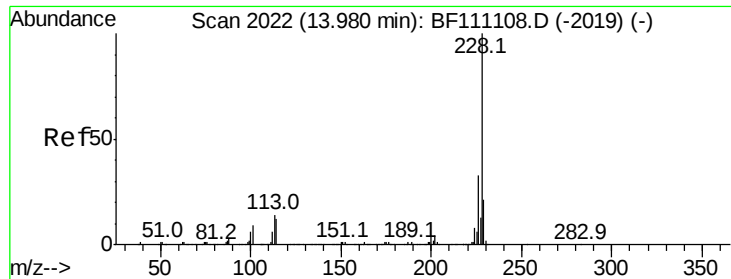
Sohil
12/11/2018 8:44:39 AM



#82
3,3'-Dichlorobenzidine
Concen: 28.651 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion:252 Resp: 514611
Ion Ratio Lower Upper
252 100
254 64.8 49.8 74.8
126 13.7 12.9 19.3





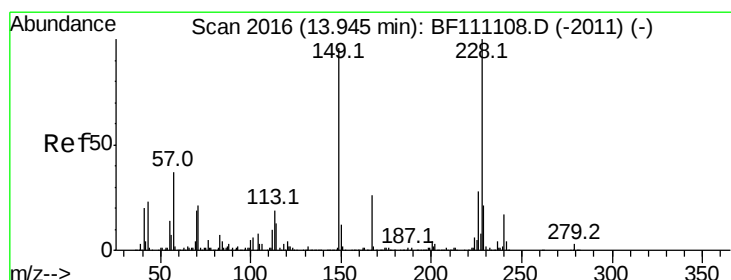
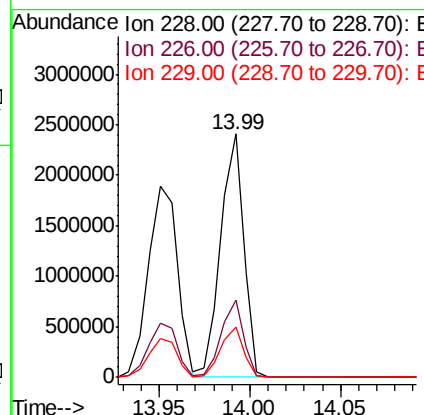
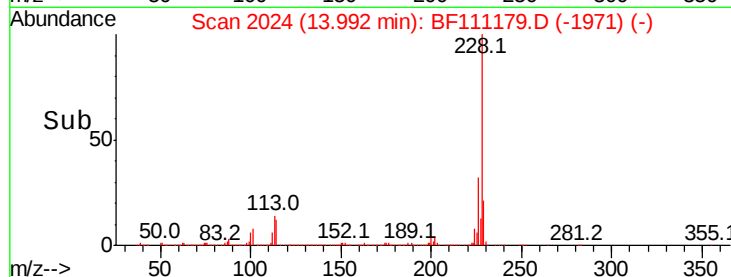
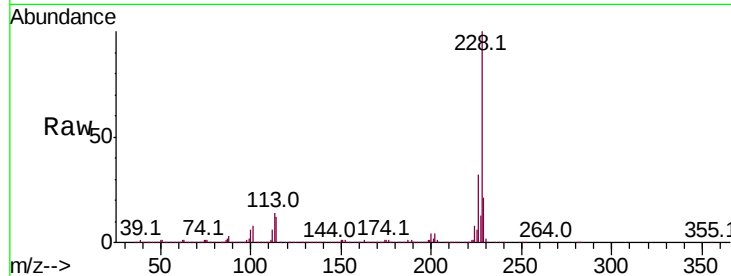
#83
Chrysene
Concen: 45.368 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion:228 Resp: 2143565
Ion Ratio Lower Upper
228 100
226 31.6 26.2 39.2
229 20.9 16.9 25.3

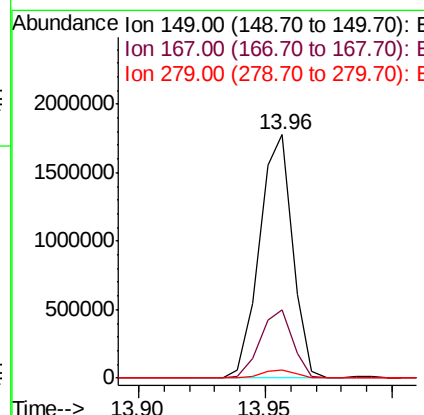
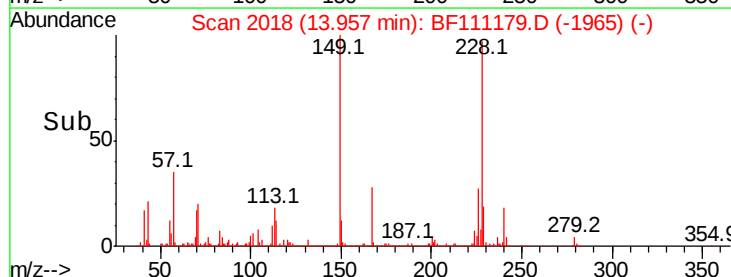
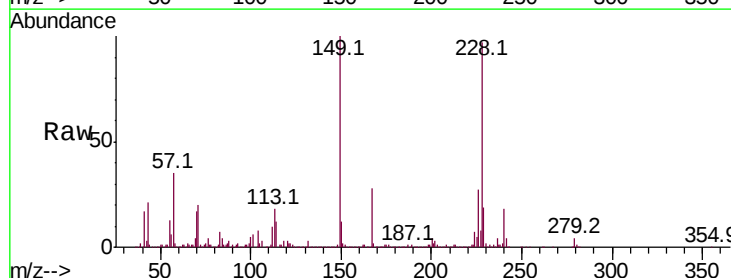
Manual Integrations
APPROVED

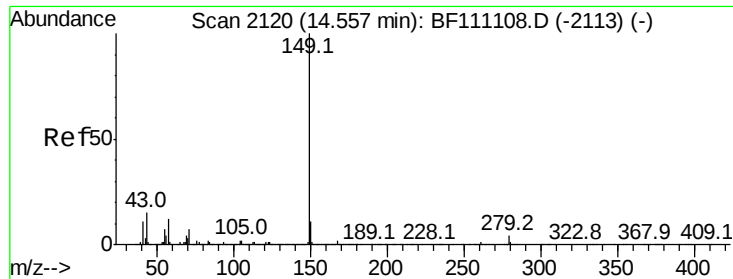
Sohil
12/11/2018 8:44:39 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.088 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion:149 Resp: 1628068
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 3.5 2.3 3.5#





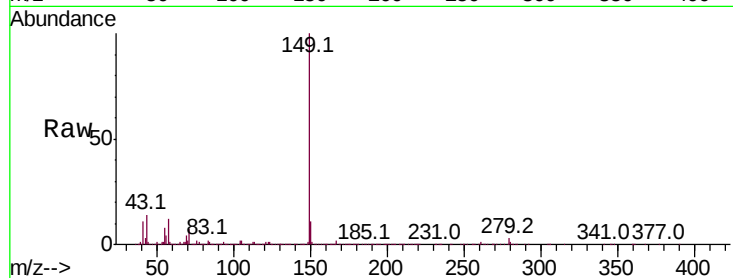
#85
Di-n-octyl phthalate
Concen: 45.155 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	11.9	17.9

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM

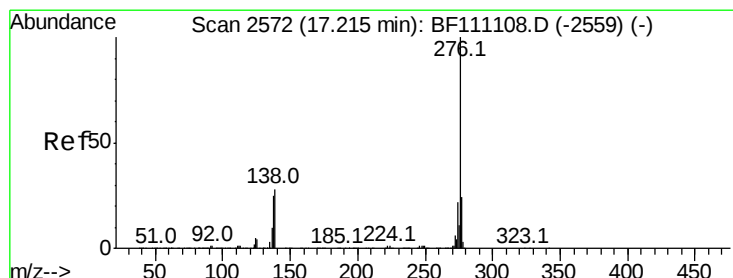
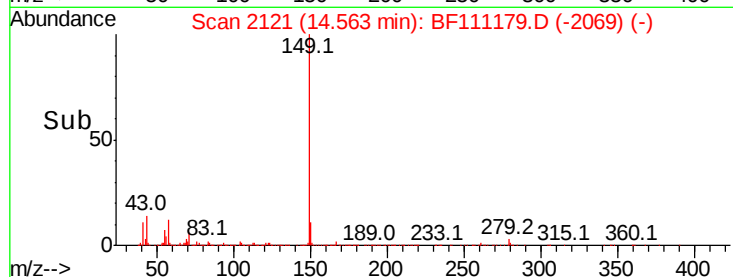
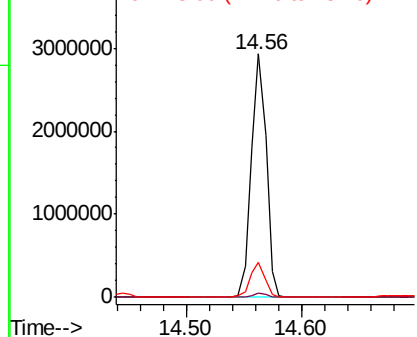


Abundance

Ion 149.00 (148.70 to 149.70): E

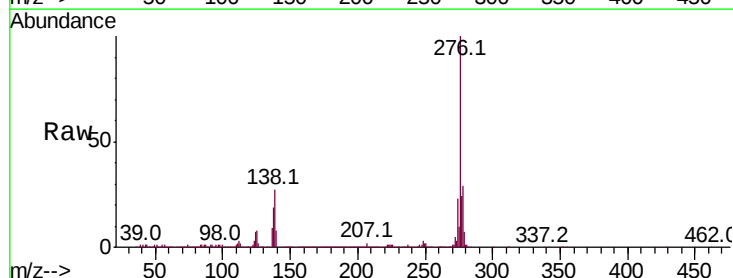
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.530 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	20.2	30.4#
277	24.9	15.8	23.6#

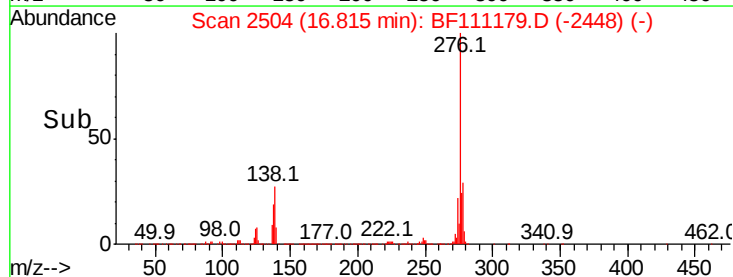
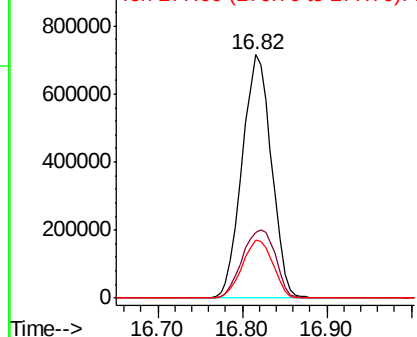


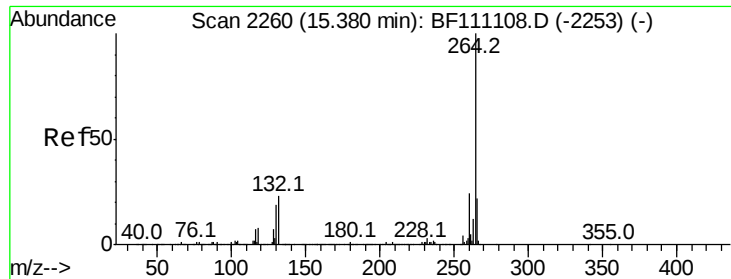
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111179.D

Acq: 7 Dec 2018 11:43

Instrument :

BNA_F

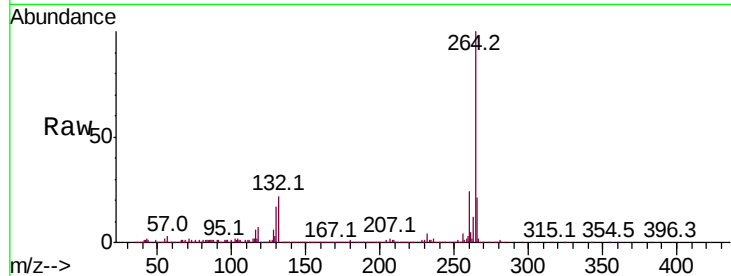
ClientSampleId :

PB115243BS

Tot Ion:	264	Resp:	624988
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.0
265	20.9	17.4	26.0

Manual Integrations
APPROVED

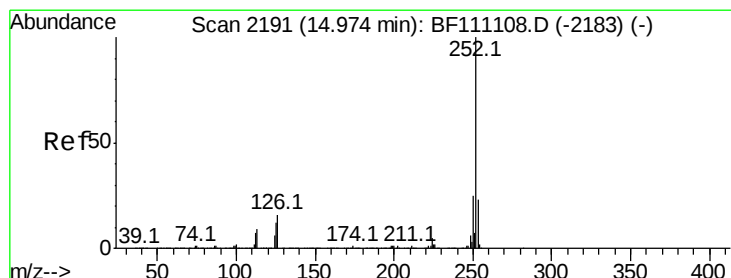
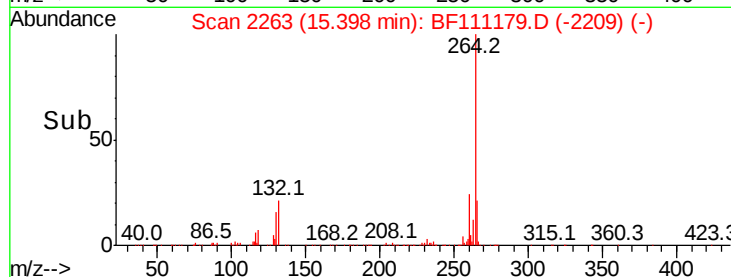
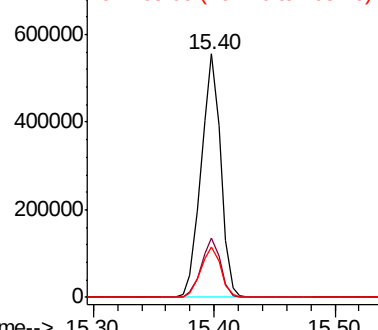
Sohil
12/11/2018 8:44:39 AM



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: 48.933 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111179.D

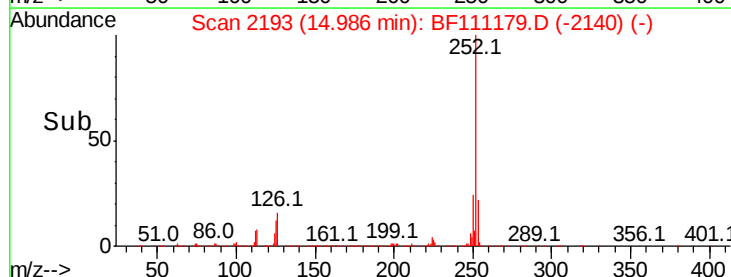
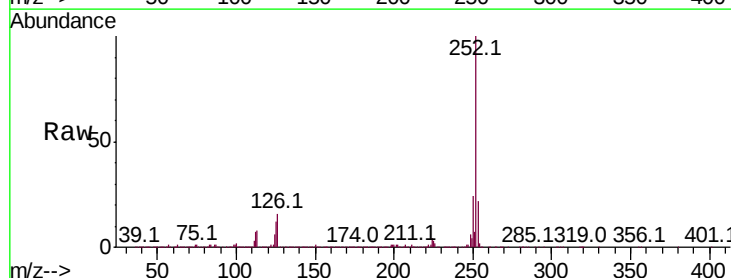
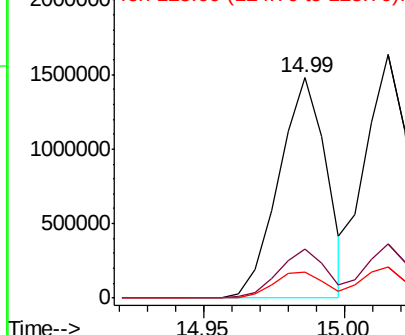
Acq: 7 Dec 2018 11:43

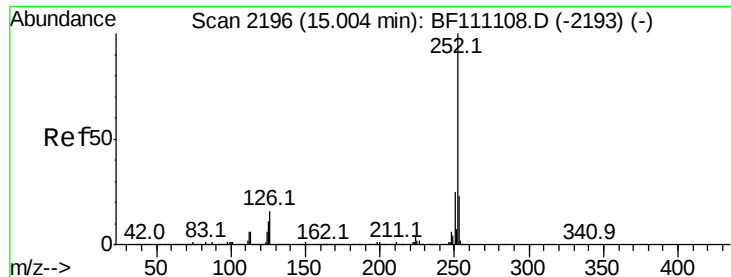
Tgt Ion:	252	Resp:	1732941
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.5	27.7
125	11.9	9.9	14.9

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





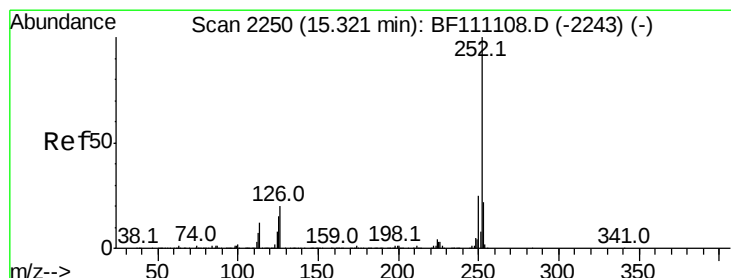
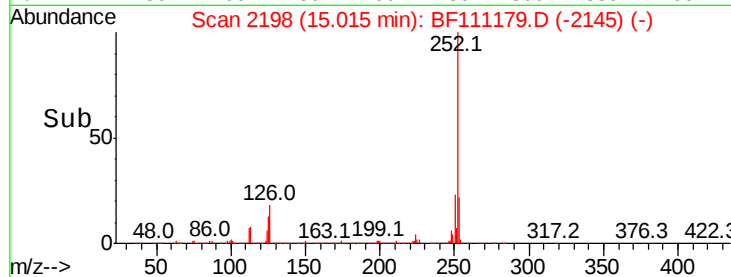
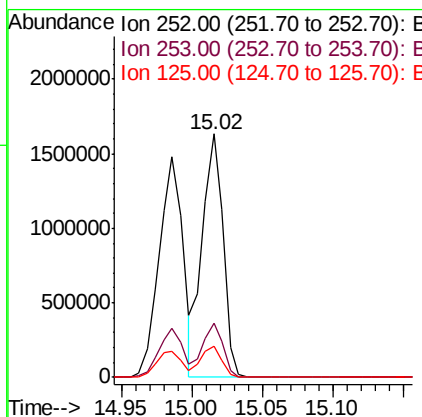
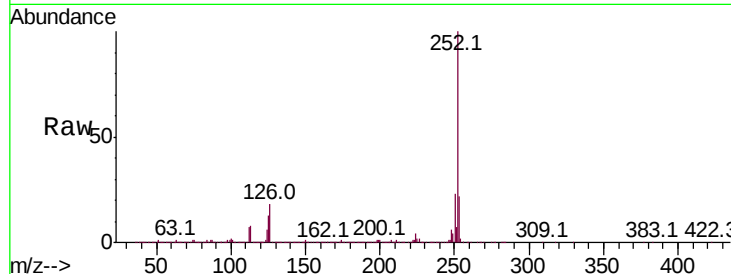
#89
Benzo(k)fluoranthene
Concen: 48.927 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion:252 Resp: 1675091
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.9 9.9 14.9

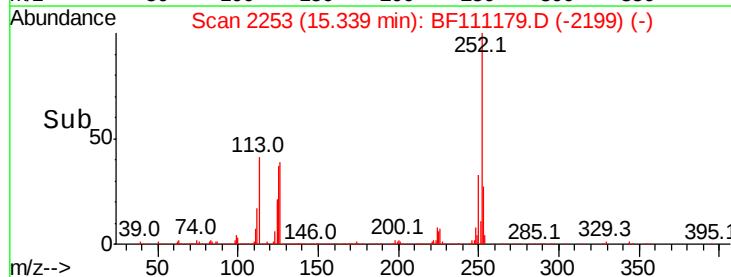
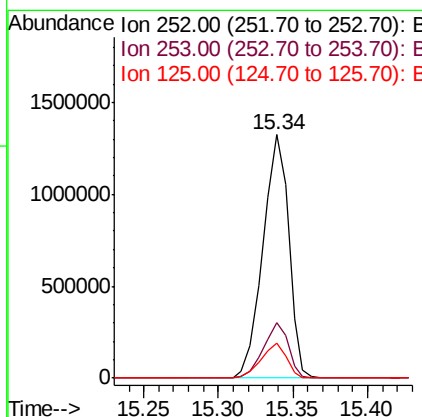
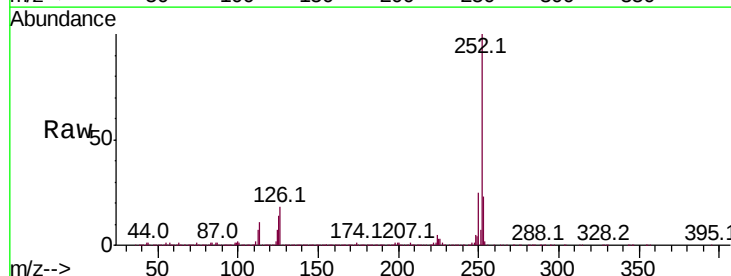
Manual Integrations
APPROVED

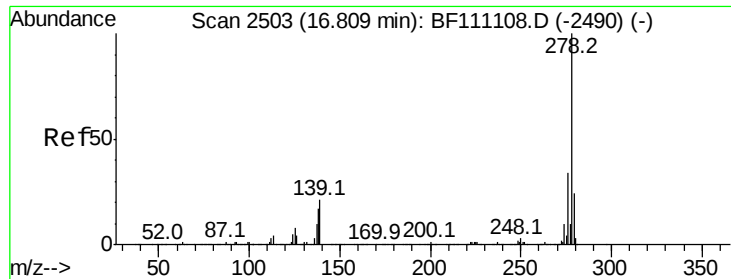
Sohil
12/11/2018 8:44:39 AM



#90
Benzo(a)pyrene
Concen: 48.596 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion:252 Resp: 1578585
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 14.2 12.4 18.6





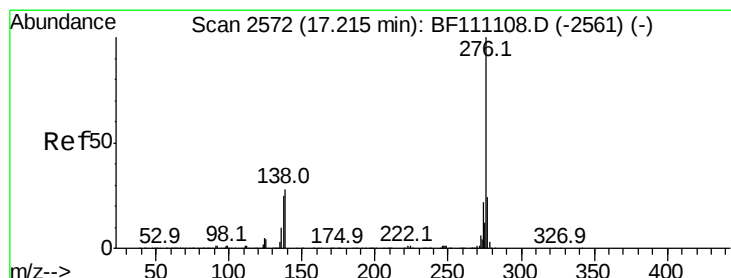
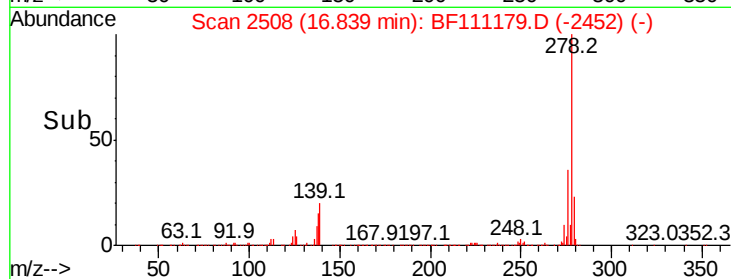
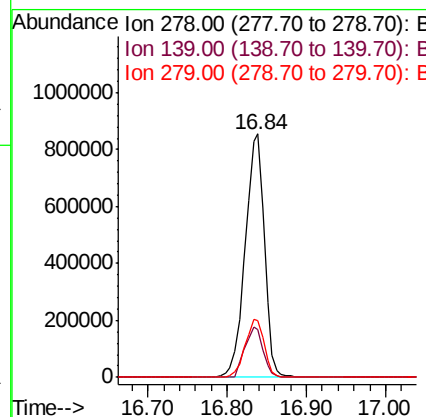
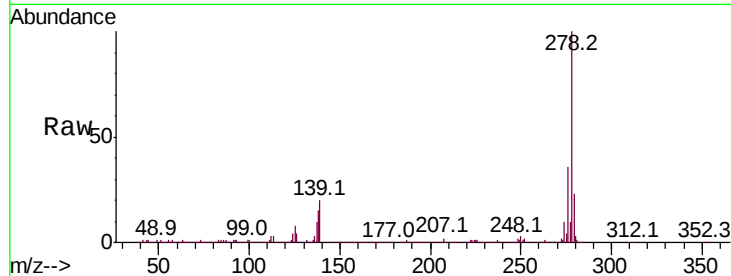
#91
Dibenzo(a,h)anthracene
Concen: 52.578 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.03 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Tot Ion:278 Resp: 1433255
Ion Ratio Lower Upper
278 100
139 19.7 16.6 25.0
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:39 AM



#92
Benzo(g,h,i)perylene
Concen: 53.895 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.03 min
Lab File: BF111179.D
Acq: 7 Dec 2018 11:43

Tgt Ion:276 Resp: 1476380
Ion Ratio Lower Upper
276 100
277 22.7 19.3 28.9
138 27.9 22.3 33.5

