

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102409.D
 Acq On : 25 Jan 2018 00:08
 Operator : SJ/JU
 Sample : J1236-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:30:42 PM

Quant Time: Jan 25 09:47:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	98202m	20.00	ng	0.02
21) Naphthalene-d8	8.01	136	436865m	20.00	ng	0.01
38) Acenaphthene-d10	9.76	164	229854m	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	348888m	20.00	ng	0.00
75) Chrysene-d12	13.88	240	216438m	20.00	ng	0.00
86) Perylene-d12	15.30	264	227258m	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	312323	48.22	ng	0.03
7) Phenol-d6	6.38	99	1021756m	130.86	ng	0.02
23) Nitrobenzene-d5	7.30	82	600788m	79.03	ng	0.02
41) 2,4,6-Tribromophenol	10.55	330	202074m	88.73	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1150671m	73.61	ng	0.00
78) Terphenyl-d14	12.83	244	782625m	81.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	137738	44.760	ng	97
3) Pyridine	3.14	79	388787	48.346	ng	95
4) n-Nitrosodimethylamine	3.12	42	182438	57.868	ng	94
6) Aniline	6.40	93	167892m	16.257	ng	
8) 2-Chlorophenol	6.52	128	311834	45.931	ng	98
10) Phenol	6.39	94	405213	47.536	ng	84
11) bis(2-Chloroethyl)ether	6.47	93	274013m	42.264	ng	
12) 1,3-Dichlorobenzene	6.67	146	311504m	38.579	ng	
13) 1,4-Dichlorobenzene	6.75	146	236901	29.290	ng	94
14) 1,2-Dichlorobenzene	6.91	146	317259	42.883	ng	# 92
15) Benzyl Alcohol	6.88	79	275235	49.960	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	279700	25.723	ng	# 32
17) 2-Methylphenol	7.00	107	310027m	52.580	ng	
18) Hexachloroethane	7.23	117	183775m	65.203	ng	
19) n-Nitroso-di-n-propylamine	7.16	70	426119m	89.177	ng	
20) 3+4-Methylphenols	7.15	107	444317m	64.072	ng	
22) Acetophenone	7.13	105	957731m	91.965	ng	
24) Nitrobenzene	7.32	77	275237m	35.379	ng	
25) Isophorone	7.56	82	672660m	49.634	ng	
26) 2-Nitrophenol	7.63	139	121902m	29.772	ng	
27) 2,4-Dimethylphenol	7.67	122	277680m	46.704	ng	
28) bis(2-Chloroethoxy)methane	7.76	93	298487m	35.654	ng	
29) 2,4-Dichlorophenol	7.87	162	252917m	41.761	ng	
30) 1,2,4-Trichlorobenzene	7.96	180	237501m	36.584	ng	
31) Naphthalene	8.04	128	2408737m	110.432	ng	
32) Benzoic acid	7.87	122	106838m	21.448	ng	
33) 4-Chloroaniline	8.09	127	62454m	6.809	ng	
34) Hexachlorobutadiene	8.15	225	142154m	40.998	ng	
35) Caprolactam	8.50	113	85441m	42.717	ng	
36) 4-Chloro-3-methylphenol	8.57	107	297748m	46.642	ng	
37) 2-Methylnaphthalene	8.72	142	916908m	63.121	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	257136m	37.183	ng	
40) Hexachlorocyclopentadiene	8.86	237	53755m	17.369	ng	
42) 2,4,6-Trichlorophenol	9.00	196	166956m	36.065	ng	

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102409.D
 Acq On : 25 Jan 2018 00:08
 Operator : SJ/JU
 Sample : J1236-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

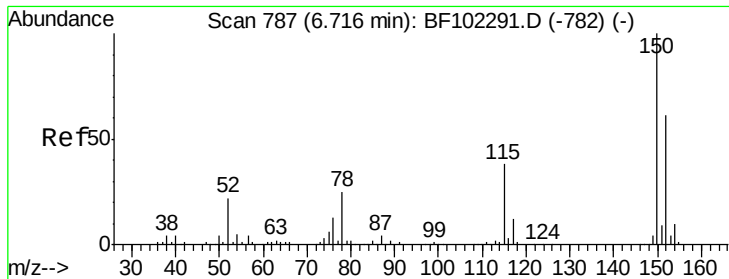
Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:30:42 PM

Quant Time: Jan 25 09:47:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	191763m	36.790	ng	
45) 1,1'-Biphenyl	9.18	154	757853m	36.874	ng	
46) 2-Chloronaphthalene	9.20	162	614910m	38.491	ng	
47) 2-Nitroaniline	9.31	65	196257m	39.405	ng	
48) Acenaphthylene	9.62	152	846585m	34.015	ng	
49) Dimethylphthalate	9.49	163	852841m	44.889	ng	
50) 2,6-Dinitrotoluene	9.55	165	144178m	35.198	ng	
51) Acenaphthene	9.79	154	518957m	35.702	ng	
52) 3-Nitroaniline	9.72	138	75517m	15.584	ng	
53) 2,4-Dinitrophenol	9.83	184	5670m	6.638	ng	
54) Dibenzofuran	9.96	168	708691m	36.025	ng	
55) 4-Nitrophenol	9.90	139	214822m	67.160	ng	
56) 2,4-Dinitrotoluene	9.96	165	157362m	31.240	ng	
57) Fluorene	10.30	166	582854m	37.391	ng	
58) 2,3,4,6-Tetrachlorophenol	10.09	232	137054m	36.827	ng	
59) Diethylphthalate	10.18	149	676588m	36.647	ng	
60) 4-Chlorophenyl-phenylether	10.30	204	248196m	36.724	ng	
61) 4-Nitroaniline	10.33	138	162963m	33.703	ng	
62) Azobenzene	10.46	77	599732m	35.480	ng	
64) 4,6-Dinitro-2-methylphenol	10.36	198	11670m	5.014	ng	
65) n-Nitrosodiphenylamine	10.42	169	523315m	40.866	ng	
66) 4-Bromophenyl-phenylether	10.79	248	152845m	40.696	ng	
67) Hexachlorobenzene	10.85	284	151970m	36.180	ng	
68) Atrazine	10.97	200	161351m	42.662	ng	
69) Pentachlorophenol	11.05	266	156166m	70.774	ng	
70) Phenanthrene	11.26	178	771935m	37.969	ng	
71) Anthracene	11.32	178	777980m	37.491	ng	
72) Carbazole	11.48	167	729484m	36.034	ng	
73) Di-n-butylphthalate	11.84	149	8515969m	336.533	ng	
74) Fluoranthene	12.46	202	652888m	31.492	ng	
77) Pyrene	12.69	202	621967m	37.167	ng	
79) Butylbenzylphthalate	13.30	149	305460m	36.679	ng	
80) Benzo(a)anthracene	13.87	228	514580m	38.617	ng	
81) 3,3'-Dichlorobenzidine	13.83	252	51560m	10.548	ng	
82) Chrysene	13.91	228	500433m	36.982	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	482409m	43.104	ng	
84) Di-n-octyl phthalate	14.47	149	681516m	37.445	ng	
85) Indeno(1,2,3-cd)pyrene	16.70	276	500858m	44.818	ng	
87) Benzo(b)fluoranthene	14.90	252	526986m	35.777	ng	
88) Benzo(k)fluoranthene	14.93	252	521156m	37.449	ng	
89) Benzo(a)pyrene	15.24	252	512413m	38.572	ng	
90) Dibenzo(a,h)anthracene	16.72	278	426535m	39.636	ng	
91) Benzo(g,h,i)perylene	17.12	276	405677m	38.180	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng m

RT: 6.73 min Scan# 790

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

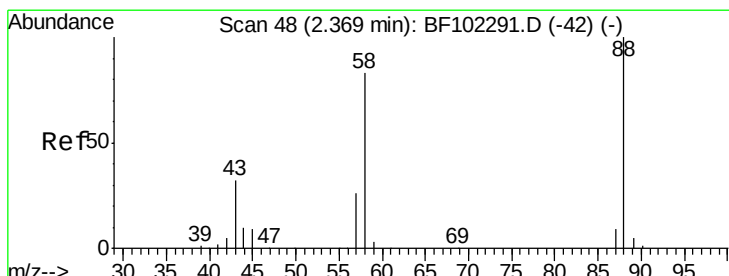
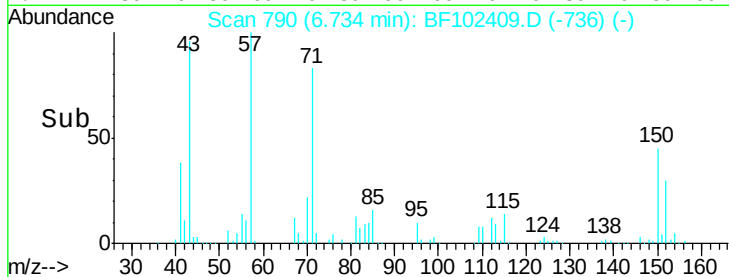
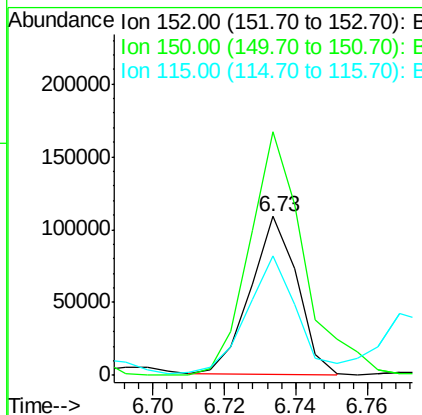
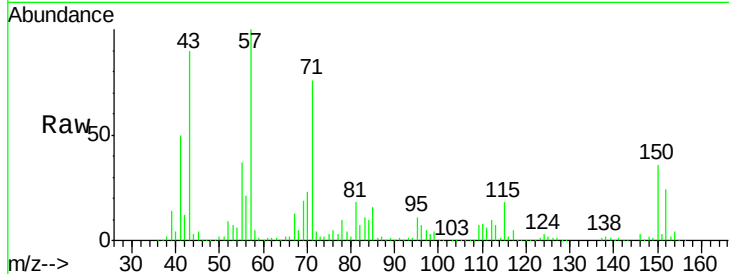
ClientSampled :

20A-5MSD

Tgt Ion:	152	Resp:	98202
Ion Ratio	Lower	Upper	
152	100		
150	153.2	124.6	186.8
115	75.5	50.1	75.1#

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#2

1,4-Dioxane

Concen: 44.760 ng

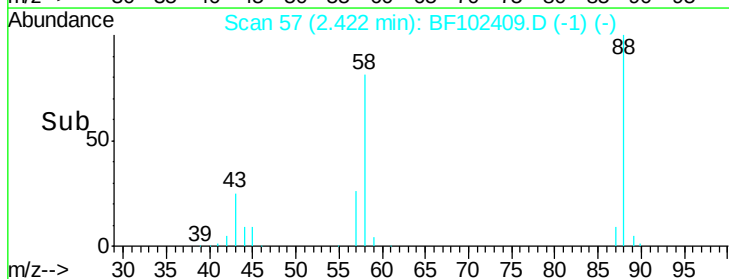
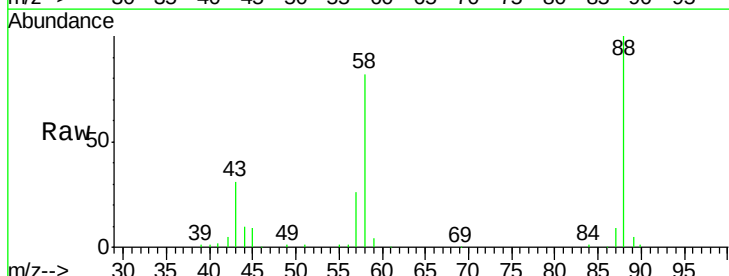
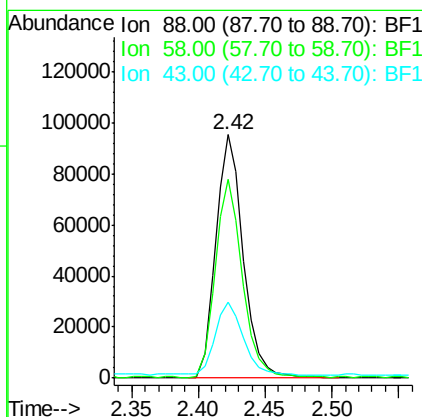
RT: 2.42 min Scan# 57

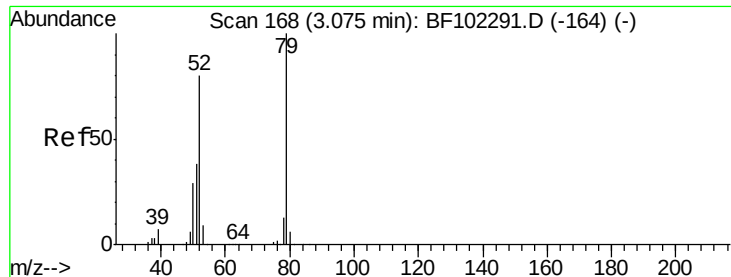
Delta R.T. 0.05 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	88	Resp:	137738
Ion Ratio	Lower	Upper	
88	100		
58	81.6	62.6	93.8
43	30.7	24.6	37.0





#3

Pyridine

Concen: 48.346 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.06 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

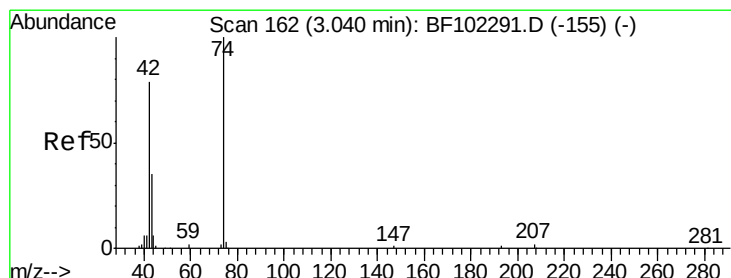
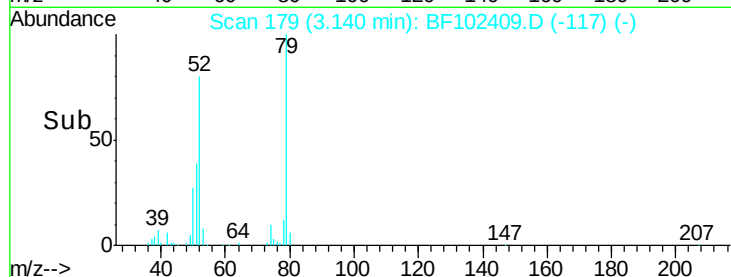
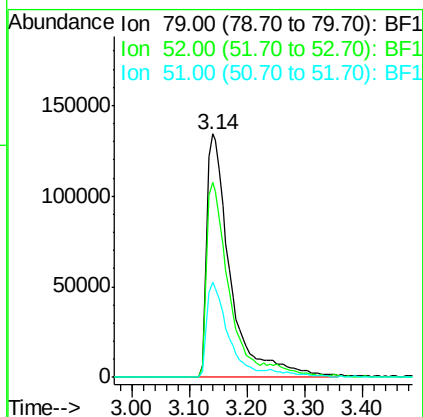
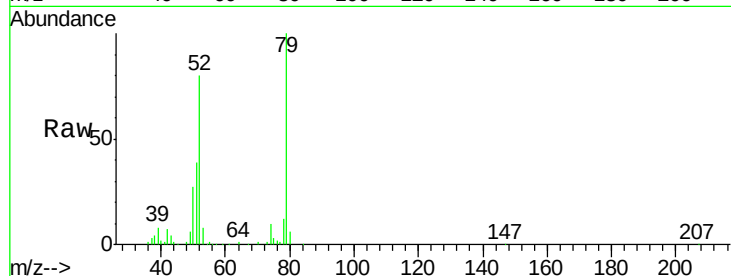
ClientSampleId :

20A-5MSD

Tgt Ion:	79	Resp:	388787
Ion Ratio		Lower	Upper
79	100		
52	80.2	59.8	89.6
51	39.0	29.8	44.8

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#4

n-Nitrosodimethylamine

Concen: 57.868 ng

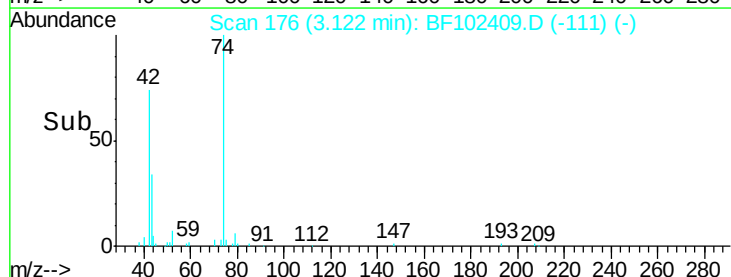
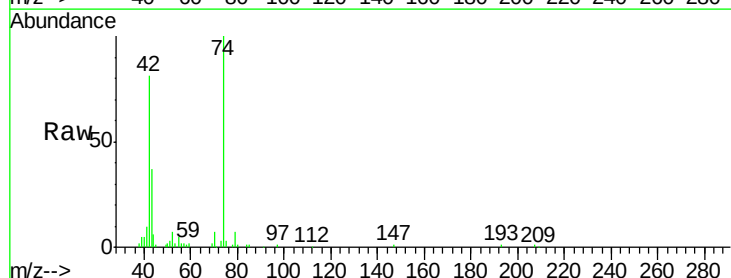
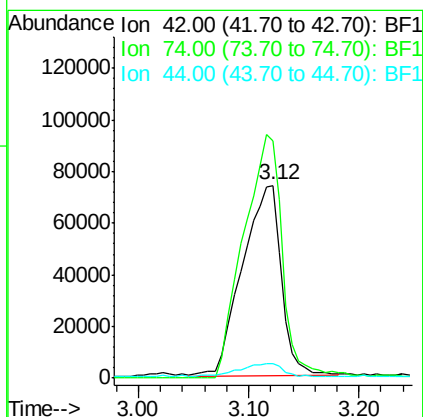
RT: 3.12 min Scan# 176

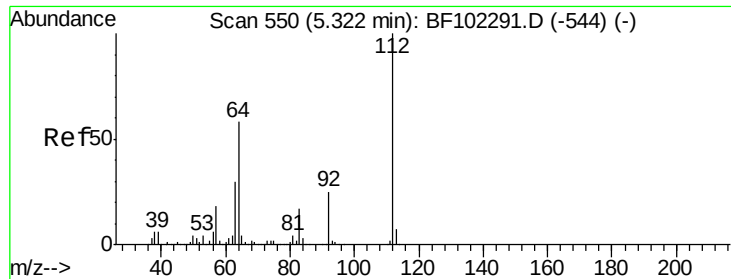
Delta R.T. 0.08 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	42	Resp:	182438
Ion Ratio		Lower	Upper
42	100		
74	123.2	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 48.223 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.03 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

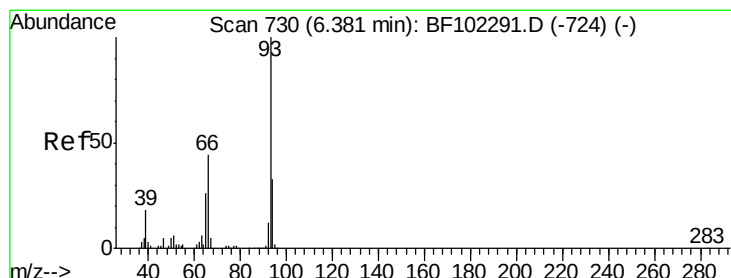
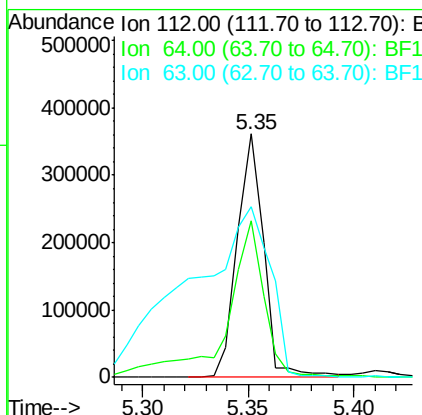
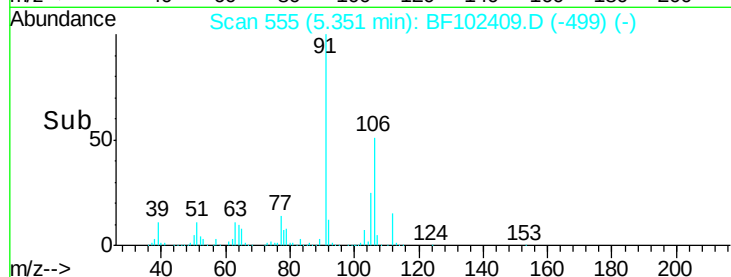
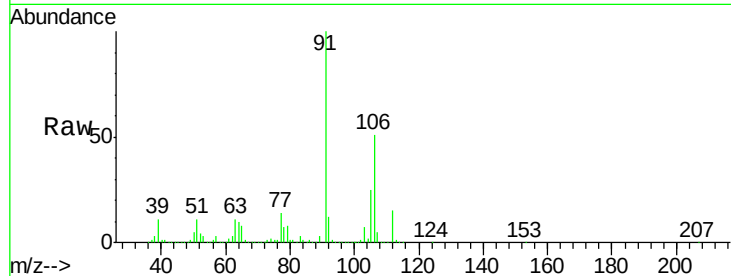
ClientSampleId :

20A-5MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.1	47.9	71.9
63	70.3	23.7	35.5#

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#6

Aniline

Concen: 16.257 ng m

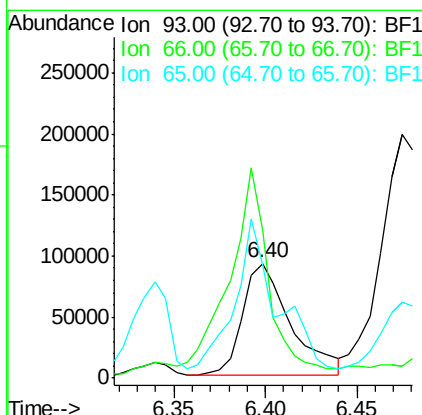
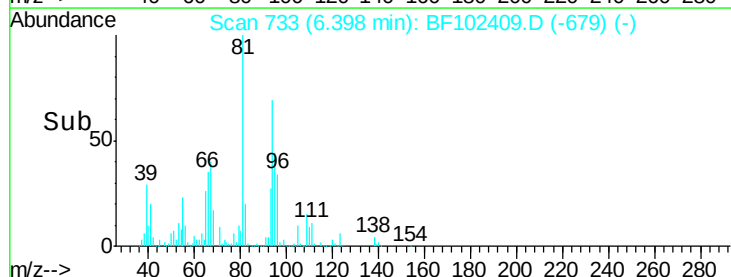
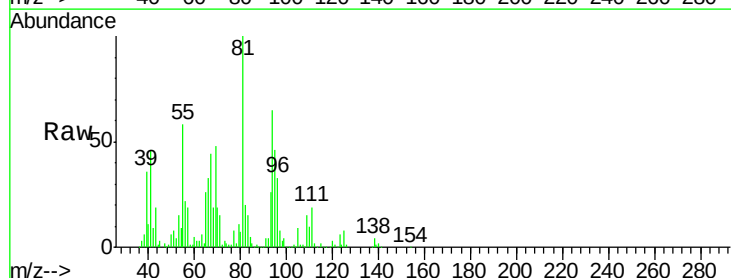
RT: 6.40 min Scan# 733

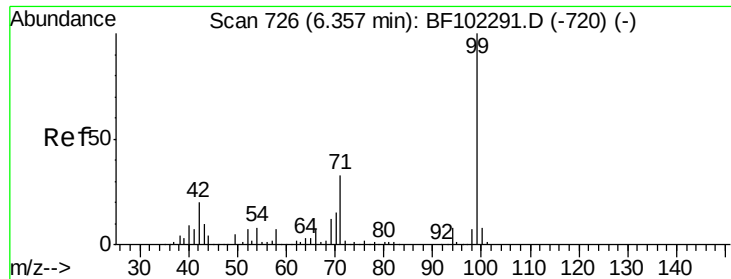
Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	129.1	32.2	48.2#
65	99.2	16.4	24.6#





#7

Phenol-d6

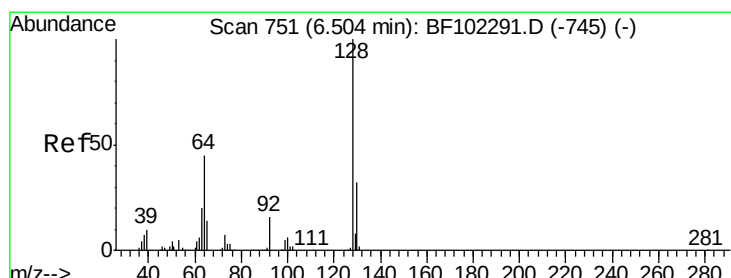
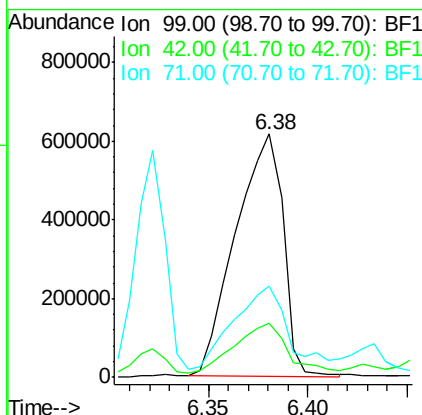
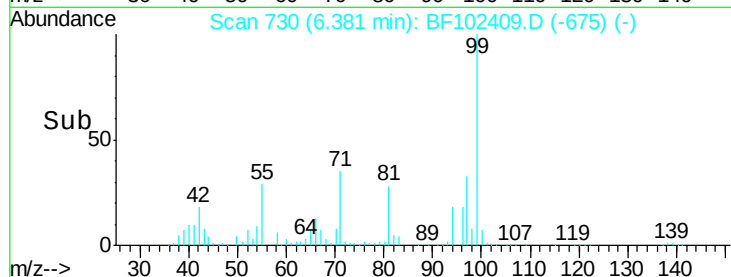
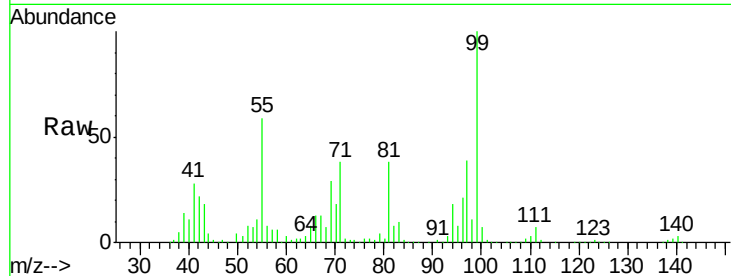
Concen: 130.858 ng m
RT: 6.38 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion: 99 Resp: 1021756
Ion Ratio Lower Upper
99 100
42 22.1 14.5 21.7#
71 37.6 25.4 38.0

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM

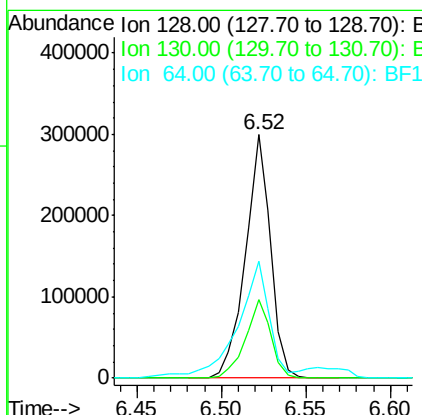
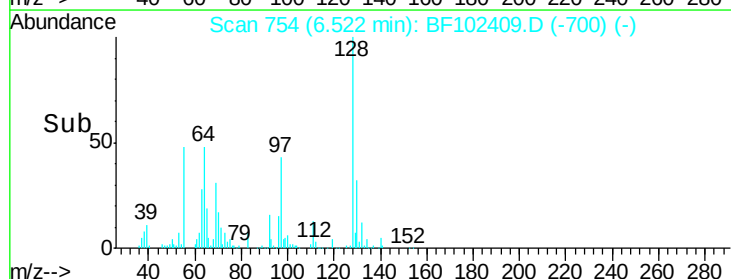
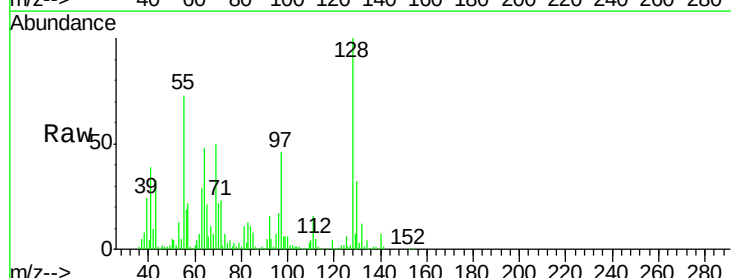


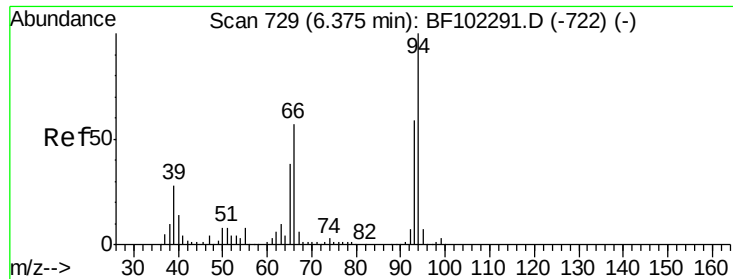
#8

2-Chlorophenol

Concen: 45.931 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion: 128 Resp: 311834
Ion Ratio Lower Upper
128 100
130 32.3 13.0 53.0
64 47.8 29.4 69.4





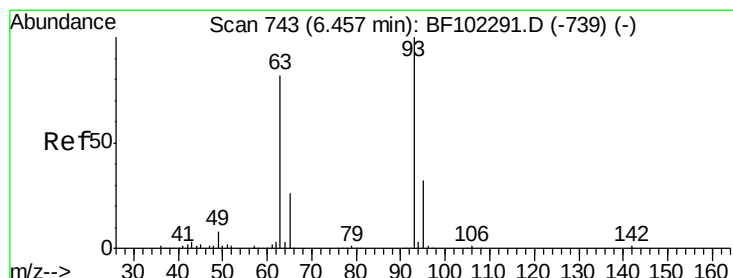
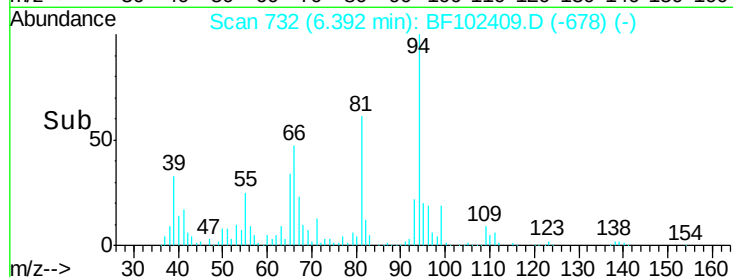
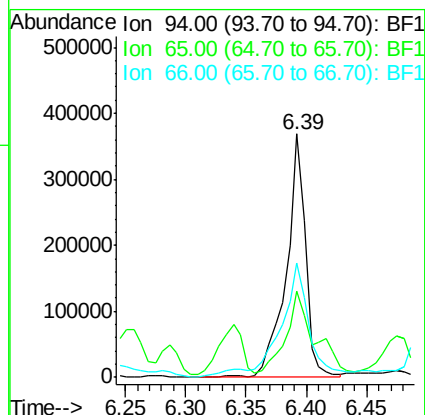
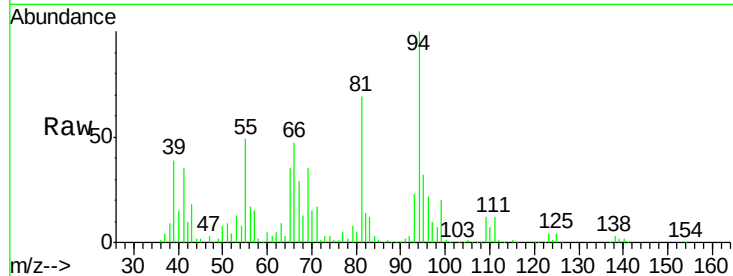
#10
Phenol
Concen: 47.536 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampled :
20A-5MSD

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.3	7.9	47.9
66	46.8	16.2	56.2

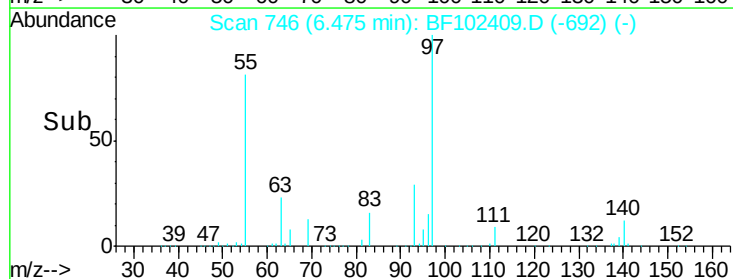
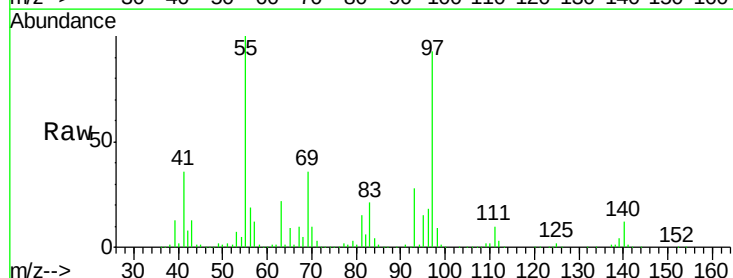
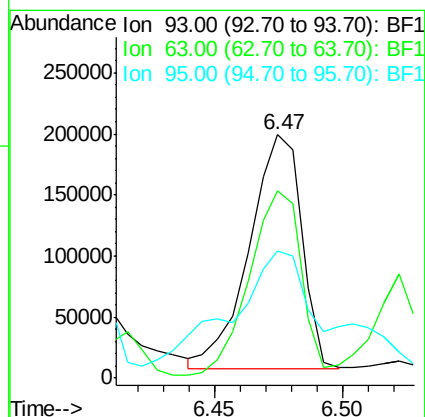
Manual Integrations
APPROVED

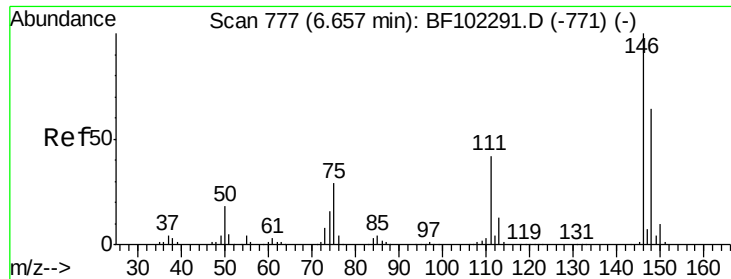
Sohil
1/25/2018 5:30:42 PM



#11
bis(2-Chloroethyl)ether
Concen: 42.264 ng m
RT: 6.47 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.0	58.6	98.6
95	52.1	11.8	51.8#





#12

1,3-Dichlorobenzene

Concen: 38.579 ng m

RT: 6.67 min Scan# 780

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

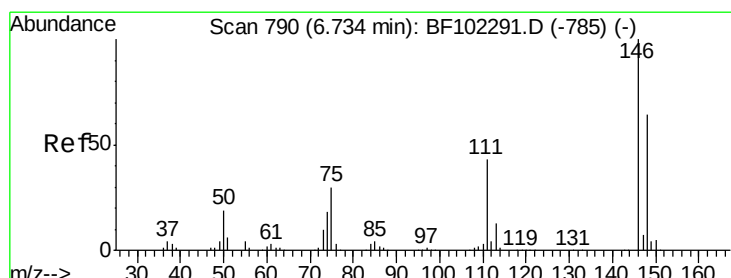
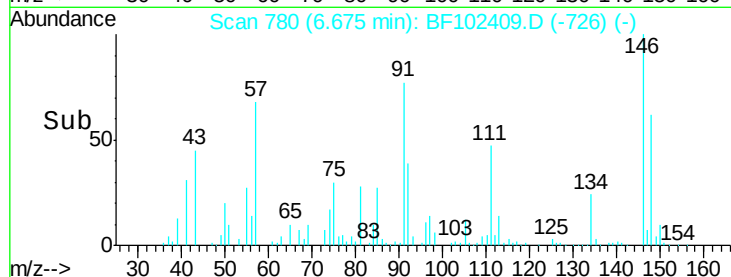
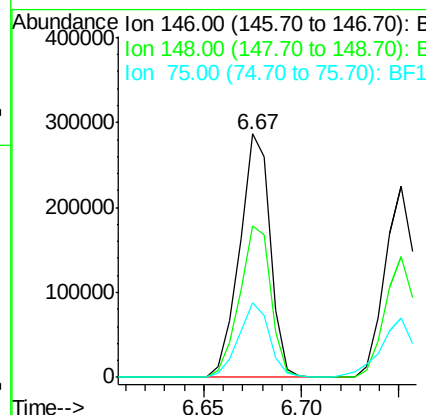
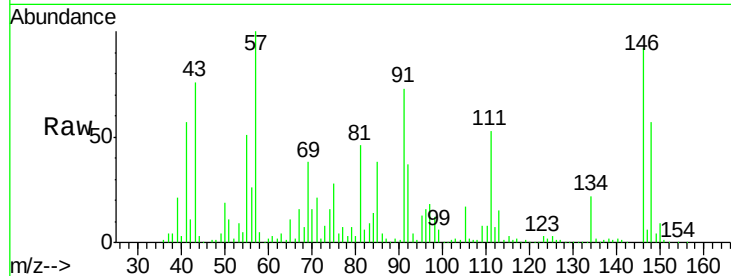
ClientSampleId :

20A-5MSD

Tgt Ion:	146	Resp:	311504
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.8	77.8
75	30.5	24.2	36.4

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#13

1,4-Dichlorobenzene

Concen: 29.290 ng

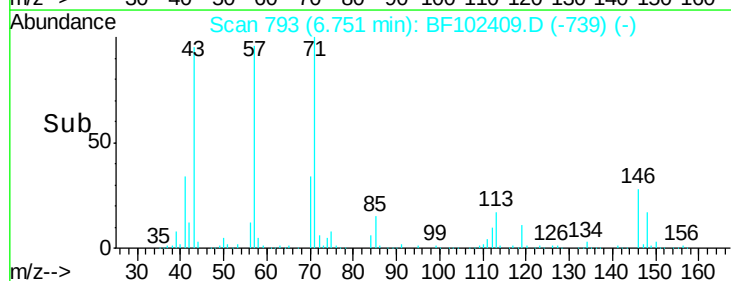
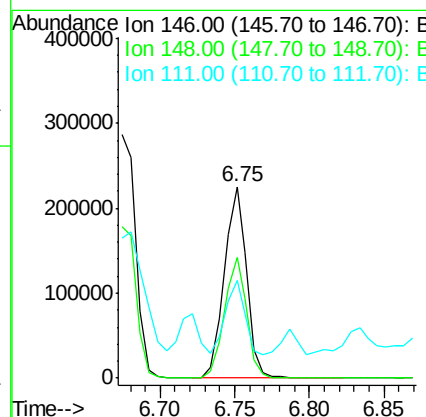
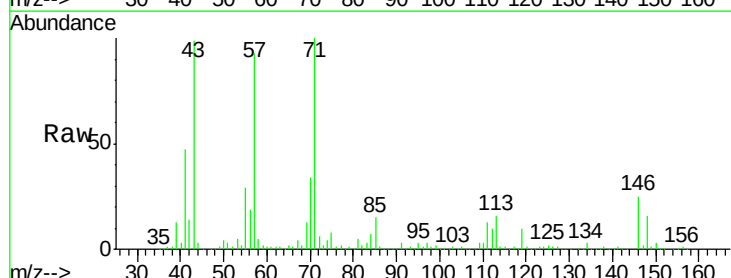
RT: 6.75 min Scan# 793

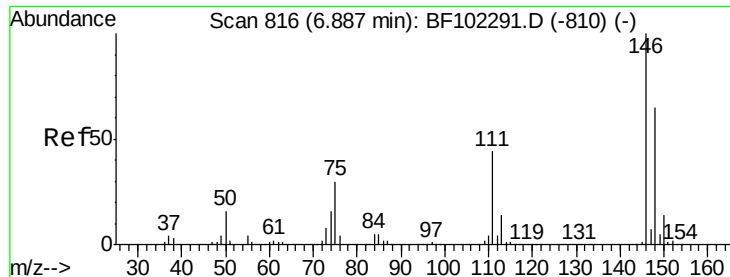
Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	146	Resp:	236901
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	50.9	34.2	51.2





#14

1,2-Dichlorobenzene

Concen: 42.883 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

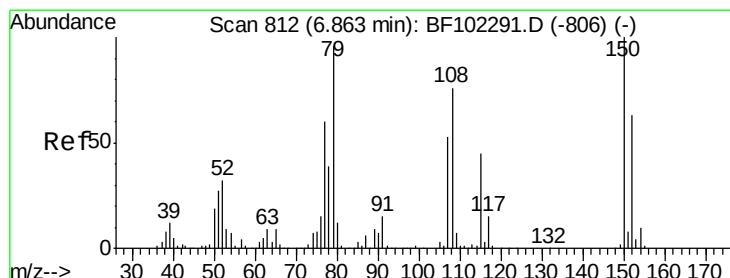
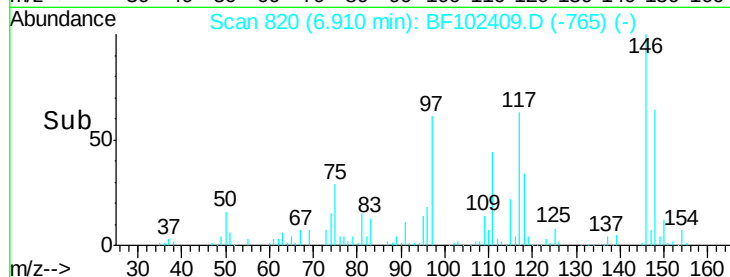
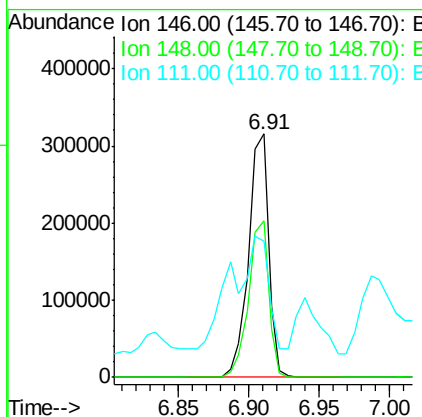
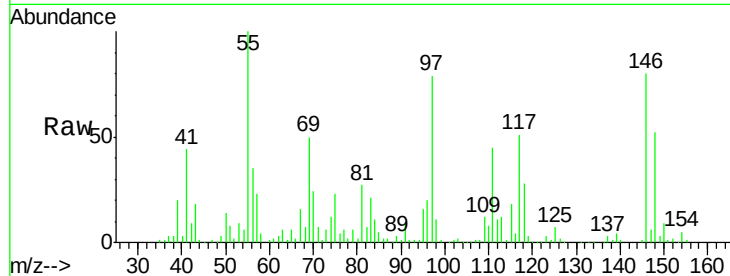
ClientSampleId :

20A-5MSD

Tgt Ion:	146	Resp:	317259
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	56.2	36.0	54.0#

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#15

Benzyl Alcohol

Concen: 49.960 ng

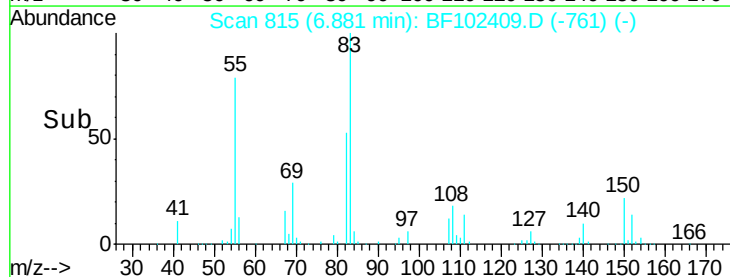
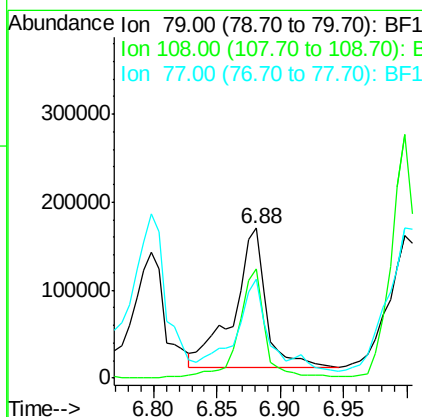
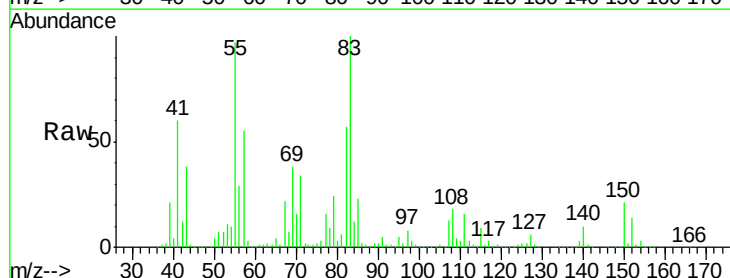
RT: 6.88 min Scan# 815

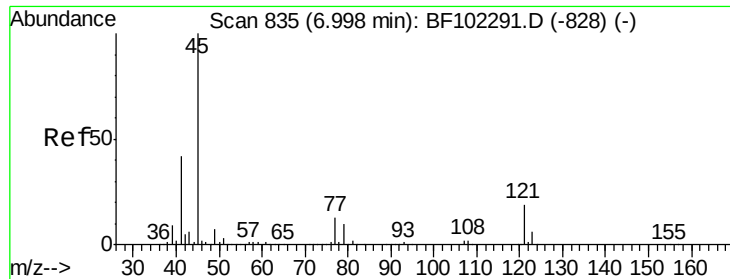
Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	79	Resp:	275235
Ion Ratio	Lower	Upper	
79	100		
108	73.1	65.1	97.7
77	65.8	50.6	75.8





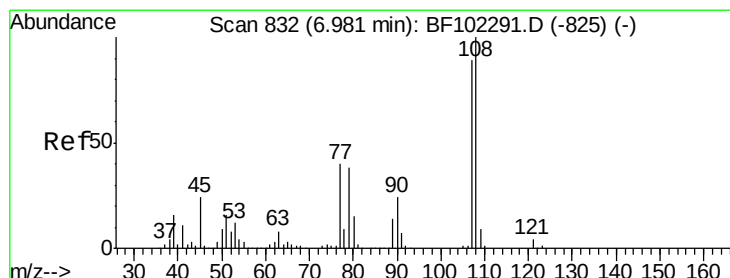
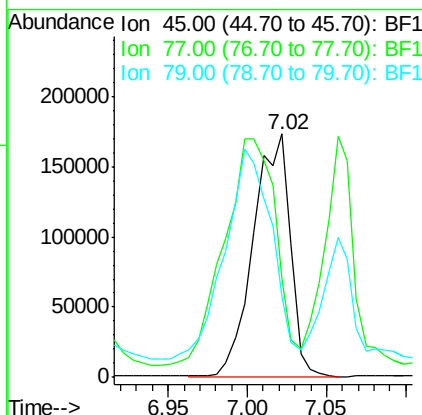
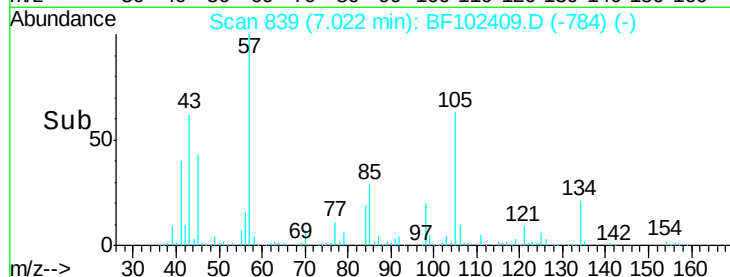
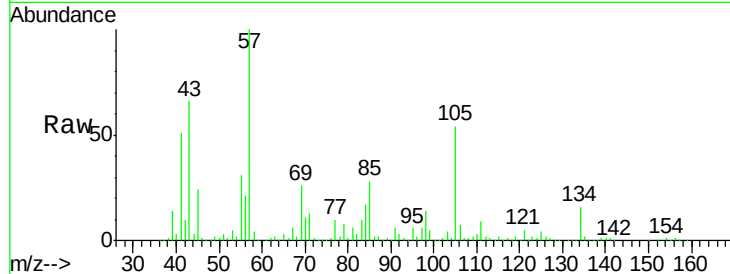
#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.723 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampled :
20A-5MSD

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	40.4	0.0	32.9#
79	33.5	0.0	29.6#

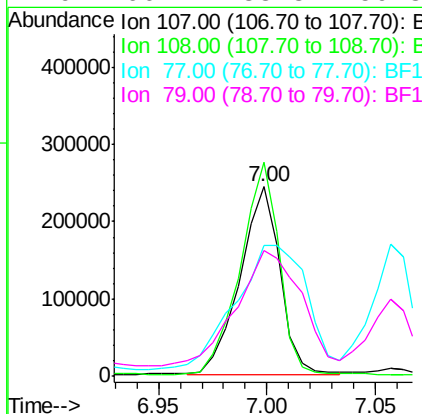
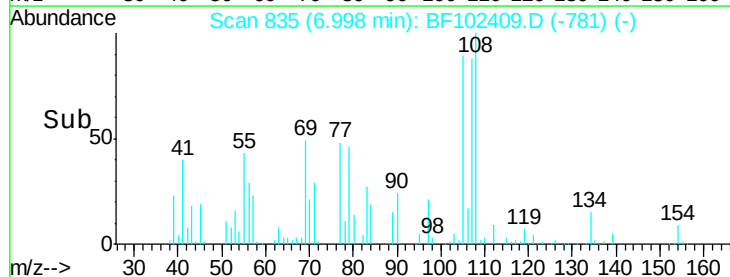
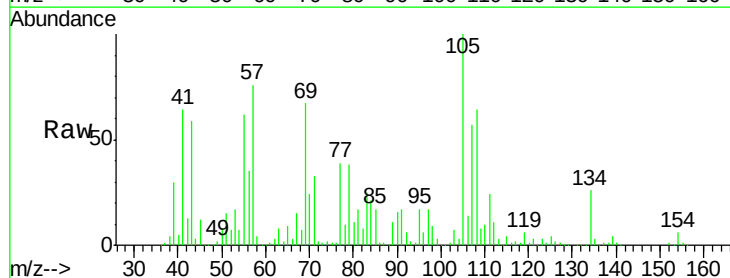
Manual Integrations
APPROVED

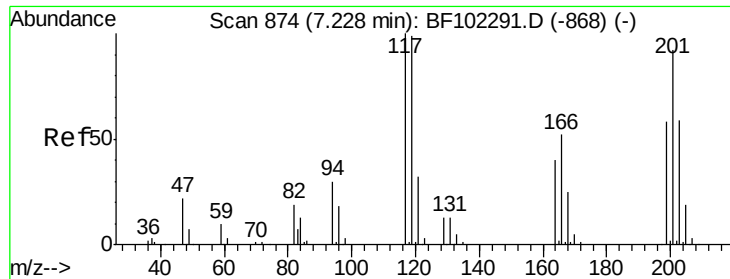
Sohil
1/25/2018 5:30:42 PM



#17
2-Methylphenol
Concen: 52.580 ng m
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	113.1	91.7	137.5
77	69.5	33.8	50.8#
79	66.4	33.8	50.8#





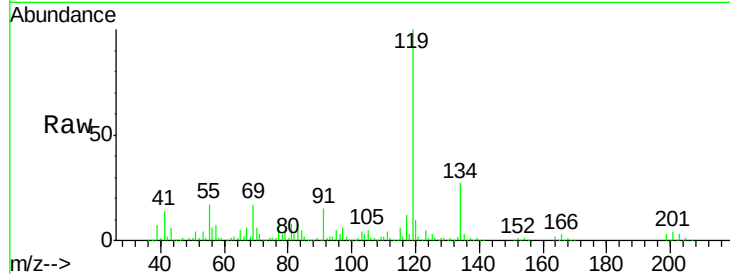
#18
Hexachloroethane
Concen: 65.203 ng m
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampled :
20A-5MSD

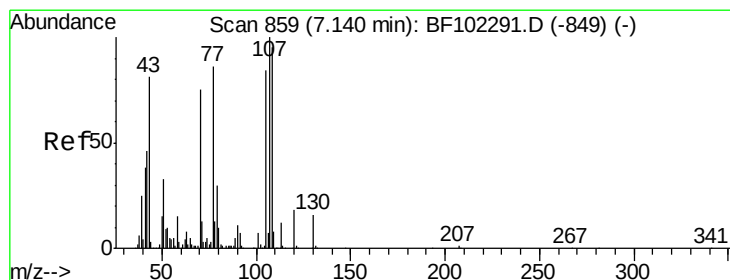
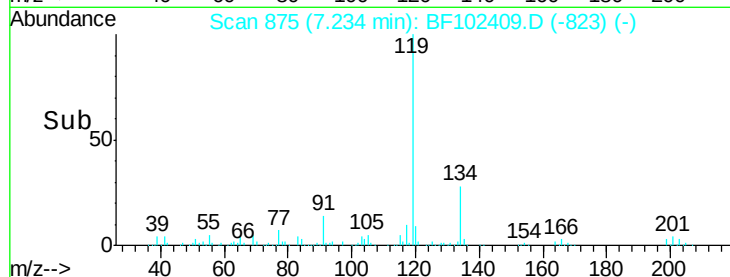
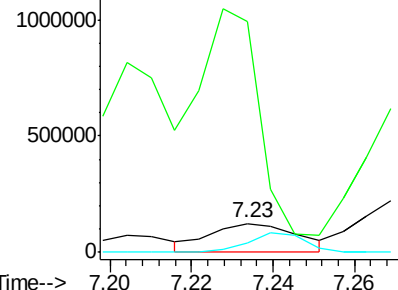
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	183775		
119	804.5	75.8	113.8#	
201	33.2	75.7	113.5#	

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



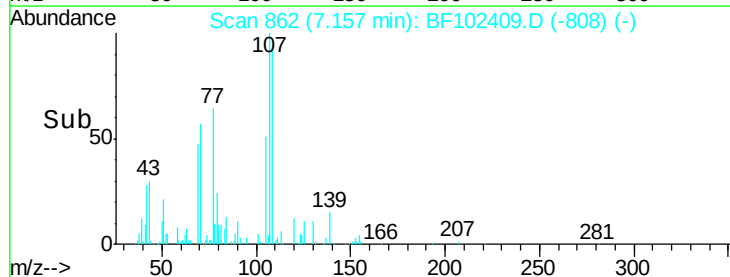
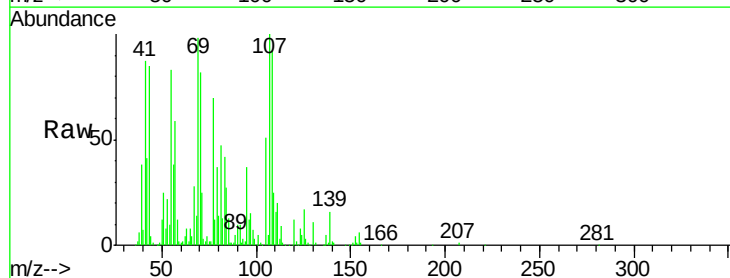
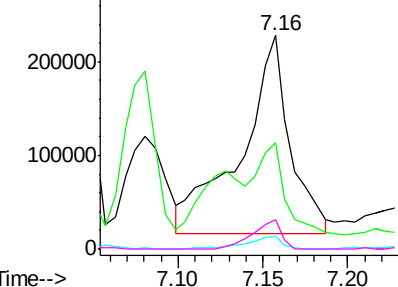
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

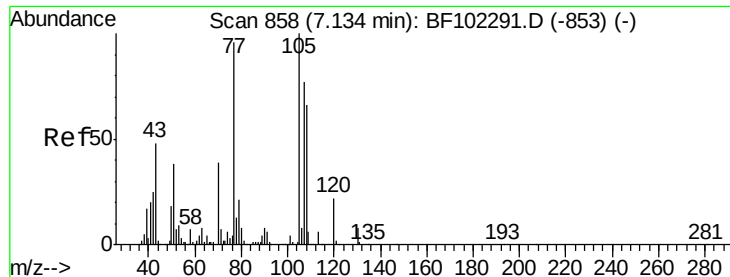


#19
n-Nitroso-di-n-propylamine
Concen: 89.177 ng m
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	426119		
42	49.9	47.5	71.3	
101	6.2	7.4	11.2#	
130	13.6	16.6	25.0#	

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





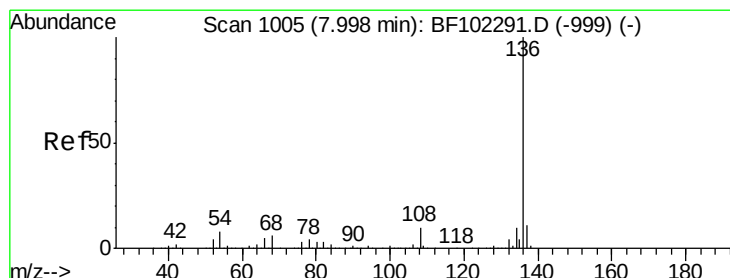
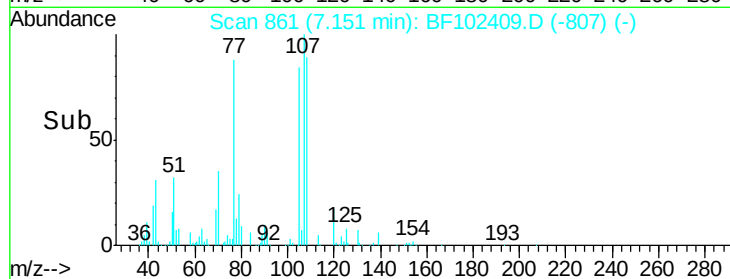
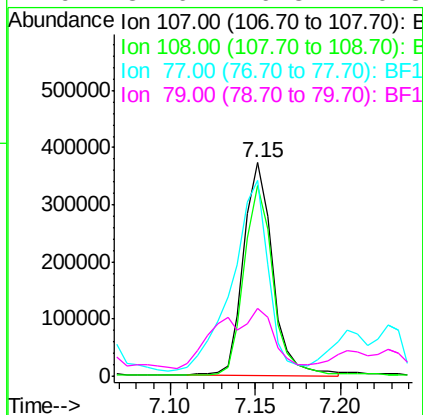
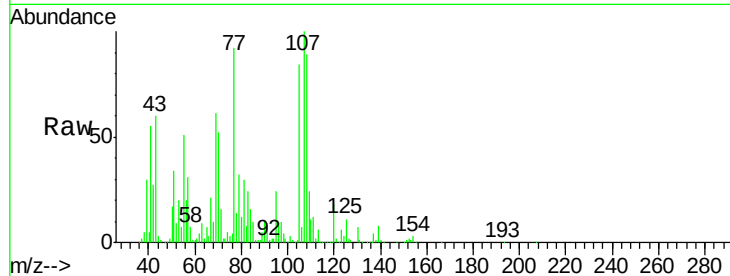
#20
3+4-Methylphenols
Concen: 64.072 ng m
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	444317		
108	89.2	68.2	108.2	
77	91.9	26.7	66.7#	
79	31.6	6.3	46.3	

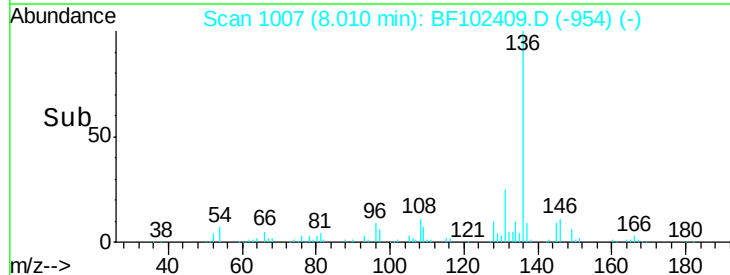
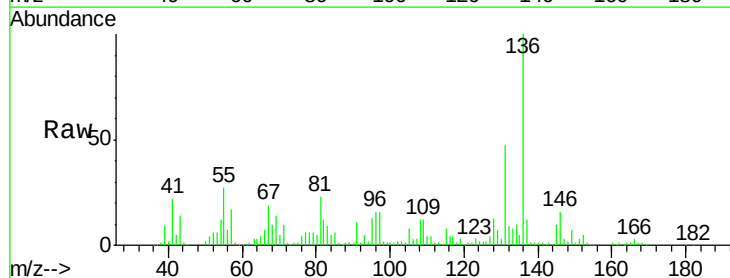
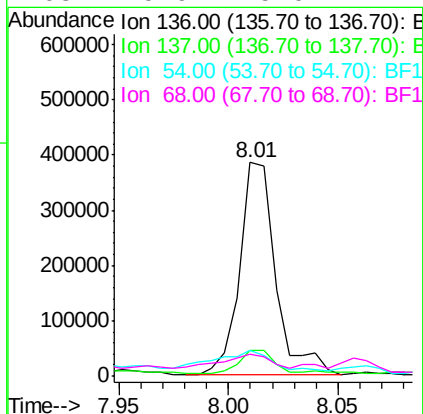
Manual Integrations
APPROVED

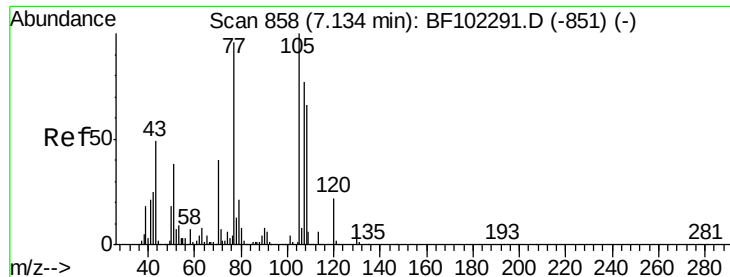
Sohil
1/25/2018 5:30:42 PM



#21
Naphthalene-d8
Concen: 20.000 ng m
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	436865		
137	12.2	8.9	13.3	
54	12.1	6.6	9.8#	
68	9.9	5.0	7.4#	





#22

Acetophenone

Concen: 91.965 ng m

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

20A-5MSD

Tgt Ion: 105 Resp: 957731
Ion Ratio Lower Upper

105 100

71 43.2 4.4 6.6#

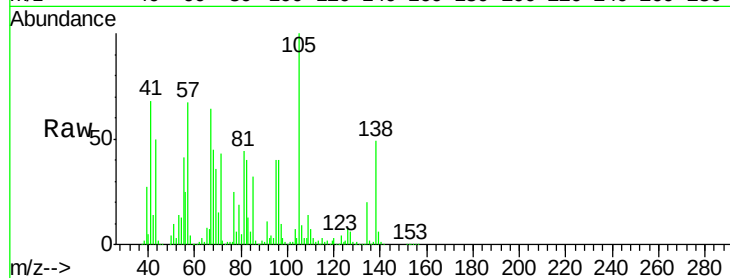
51 10.1 22.3 33.5#

120 2.6 16.9 25.3#

Manual Integrations
APPROVED

Sohil

1/25/2018 5:30:42 PM

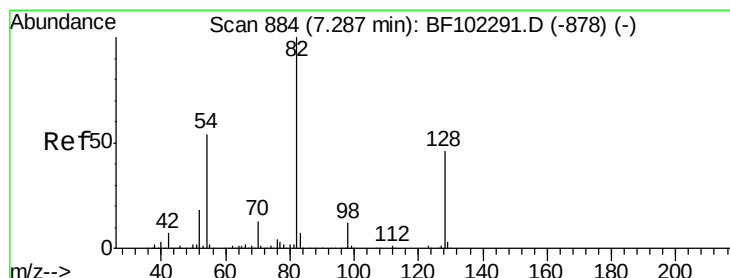
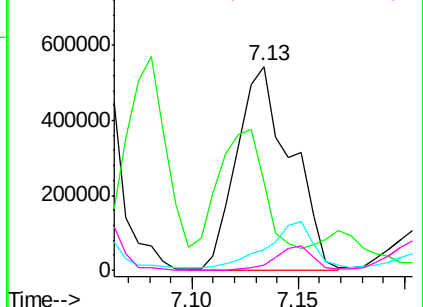
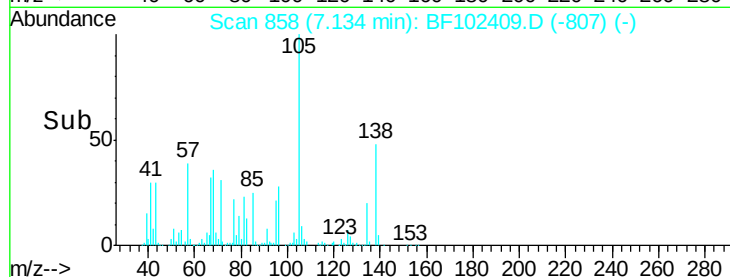


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.030 ng m

RT: 7.30 min Scan# 887

Delta R.T. 0.02 min

Lab File: BF102409.D

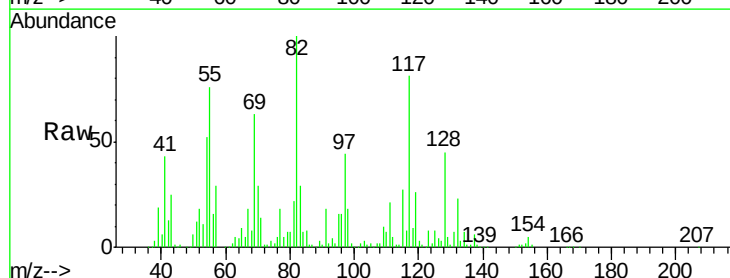
Acq: 25 Jan 2018 00:08

Tgt Ion: 82 Resp: 600788
Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

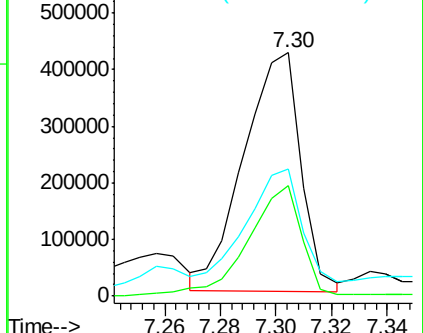
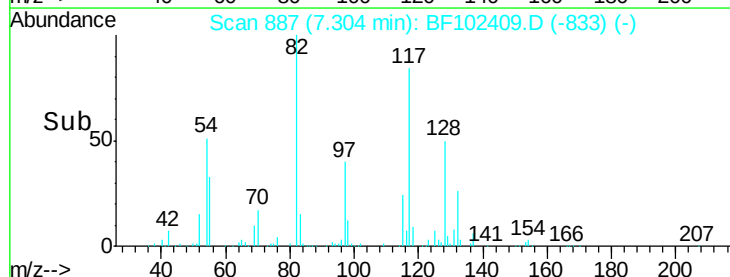
54 52.1 41.4 62.2

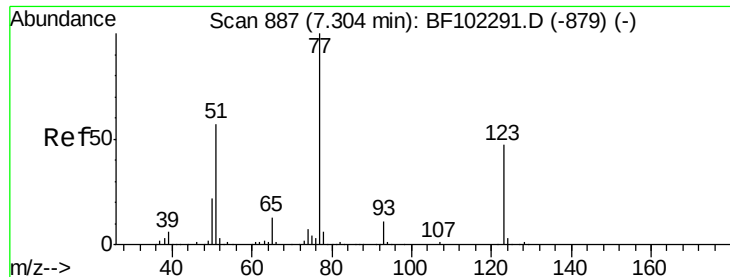


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





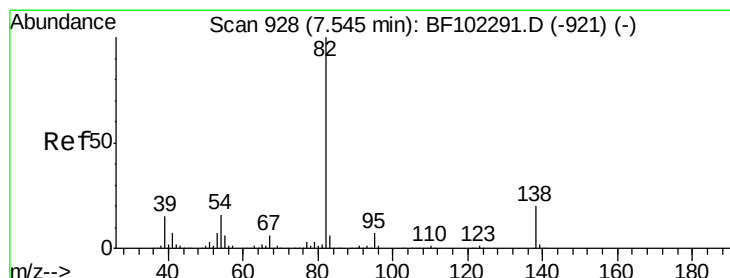
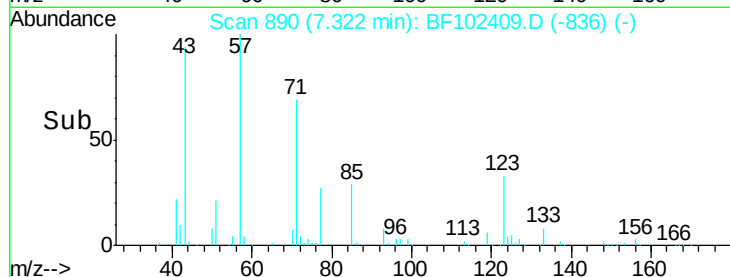
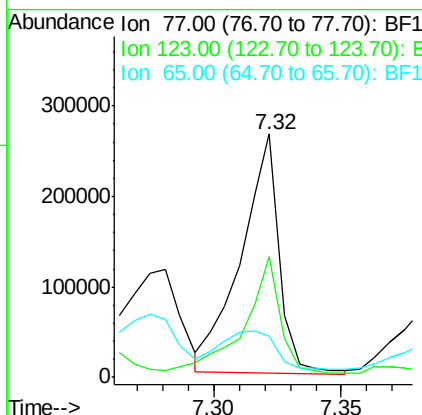
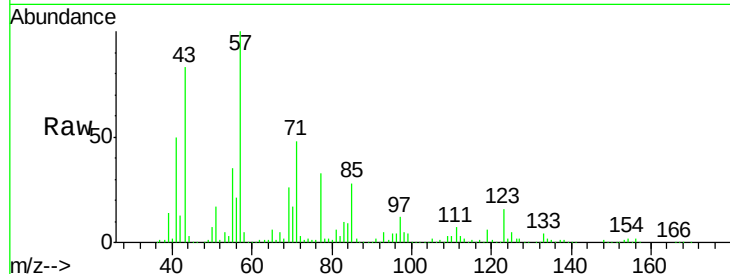
#24
Nitrobenzene
Concen: 35.379 ng m
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.9	56.9
65	17.1	11.0	16.4

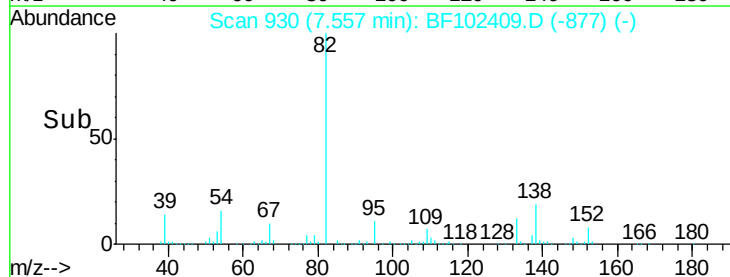
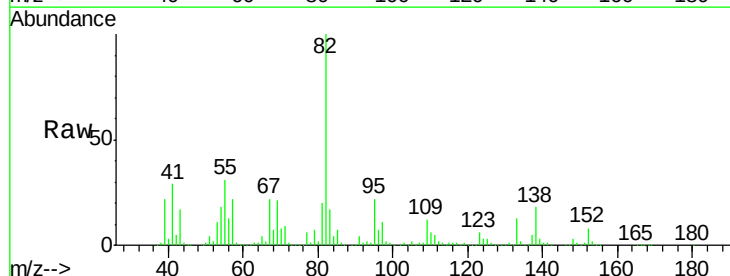
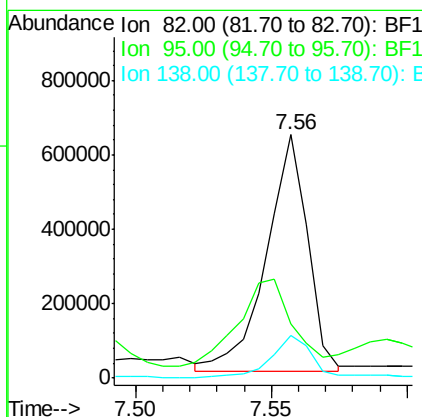
Manual Integrations
APPROVED

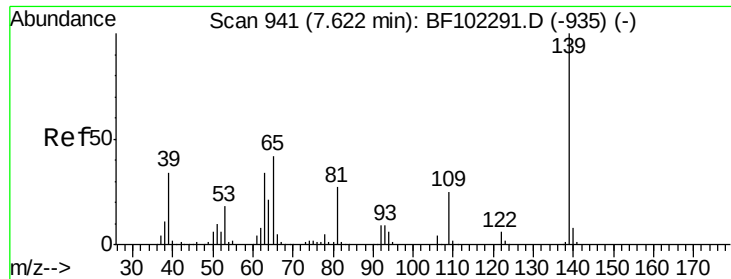
Sohil
1/25/2018 5:30:42 PM



#25
Isophorone
Concen: 49.634 ng m
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	22.3	5.2	7.8
138	17.7	14.9	22.3





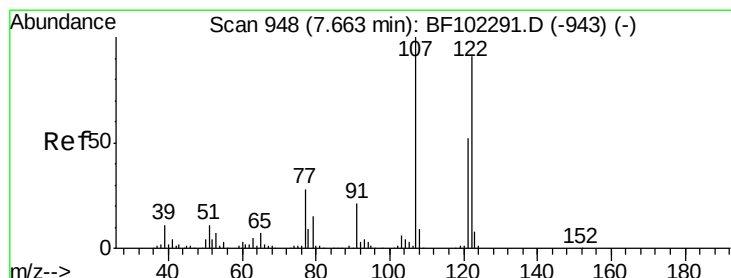
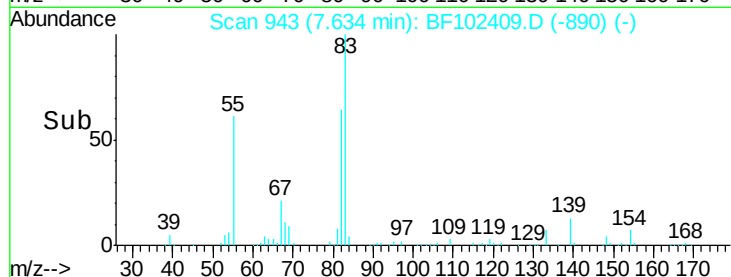
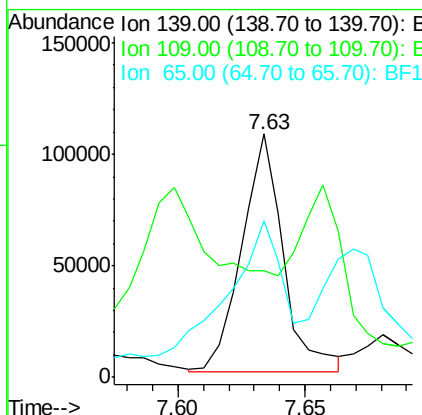
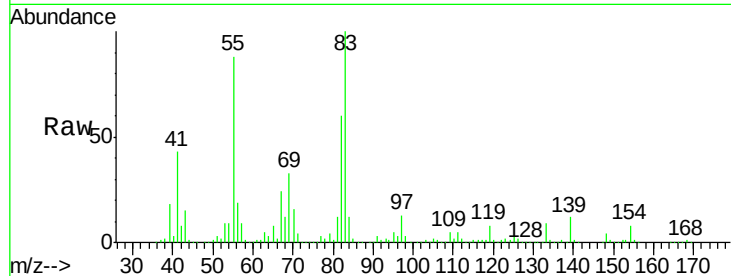
#26
 2-Nitrophenol
 Concen: 29.772 ng m
 RT: 7.63 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampled :
 20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	121902		
109	44.0	22.7	34.1#	
65	64.1	40.5	60.7#	

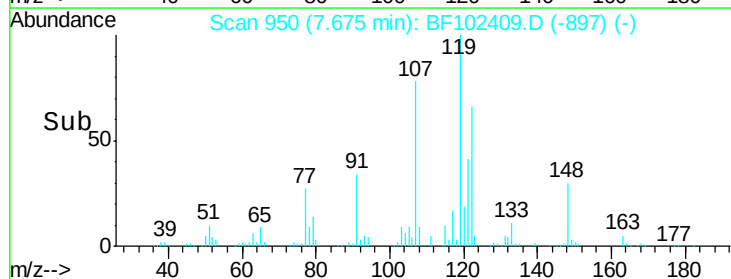
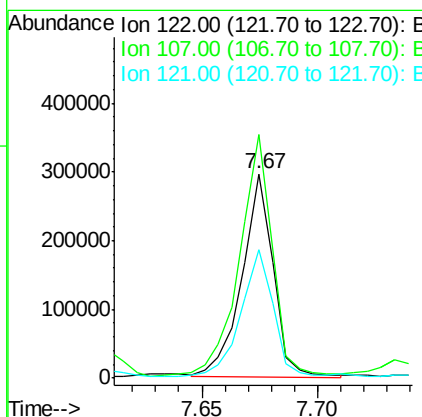
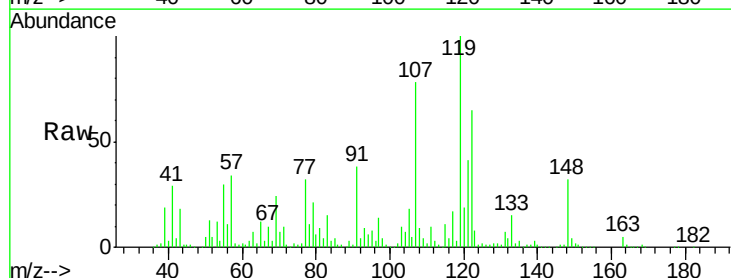
Manual Integrations
 APPROVED

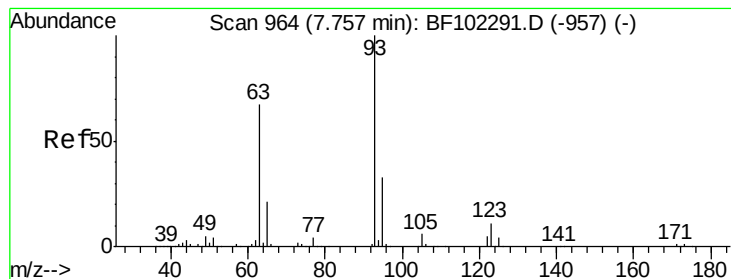
Sohil
 1/25/2018 5:30:42 PM



#27
 2,4-Dimethylphenol
 Concen: 46.704 ng m
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	277680		
107	119.0	91.2	136.8	
121	63.1	47.2	70.8	





#28

bis(2-Chloroethoxy)methane

Concen: 35.654 ng m

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

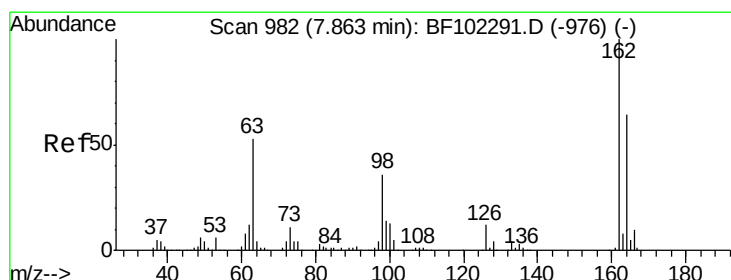
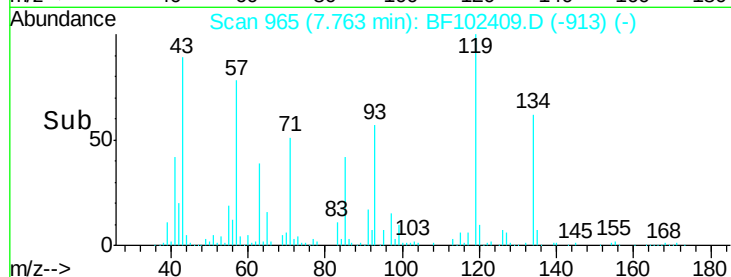
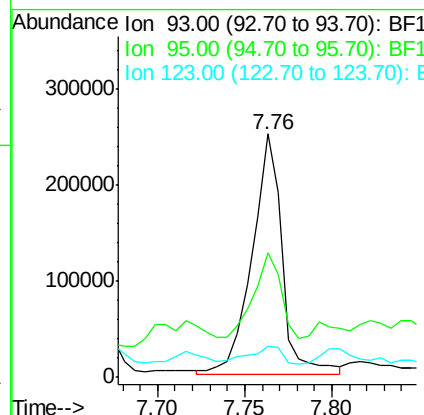
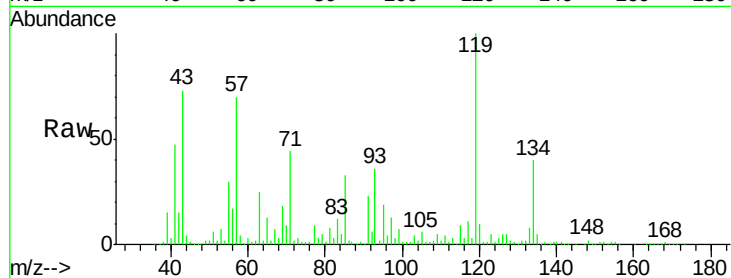
20A-5MSD

Tgt Ion: 93 Resp: 298487
Ion Ratio Lower Upper

93	100		
95	51.2	26.3	39.5#
123	12.7	9.8	14.6

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#29

2,4-Dichlorophenol

Concen: 41.761 ng m

RT: 7.87 min Scan# 984

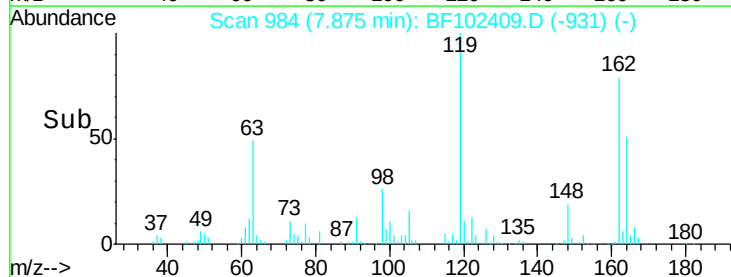
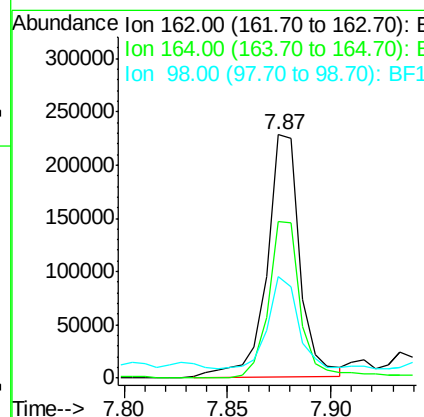
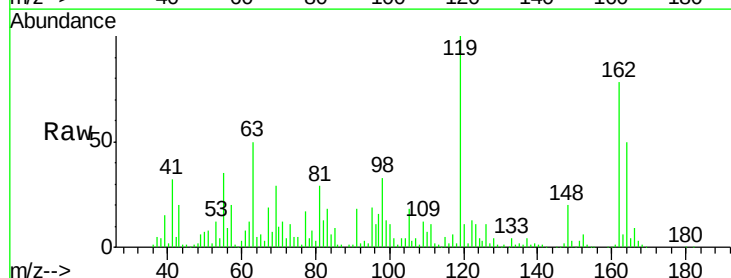
Delta R.T. 0.01 min

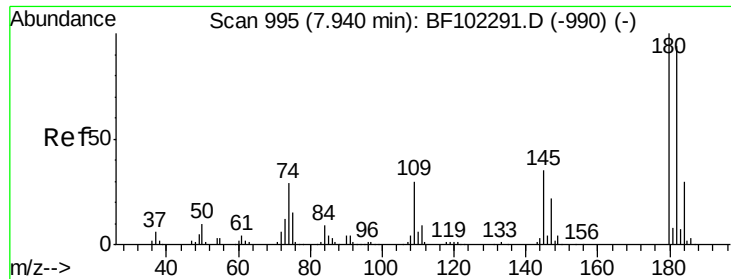
Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion: 162 Resp: 252917
Ion Ratio Lower Upper

162	100		
164	64.3	42.7	82.7
98	42.0	18.1	58.1





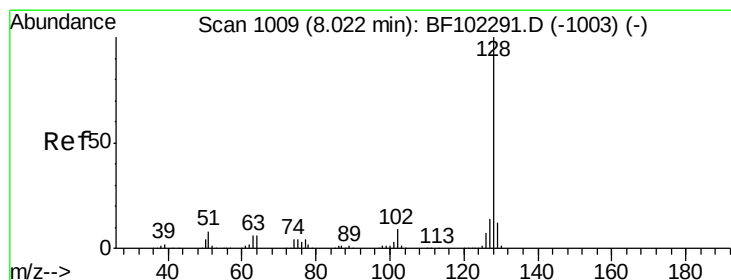
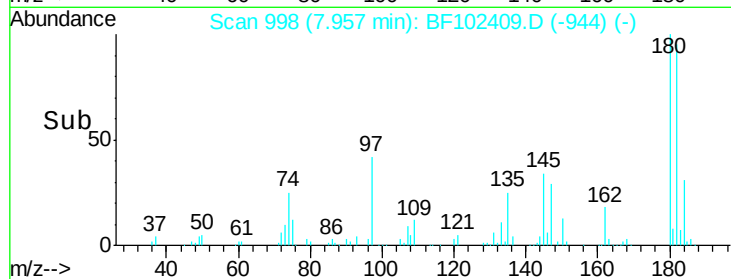
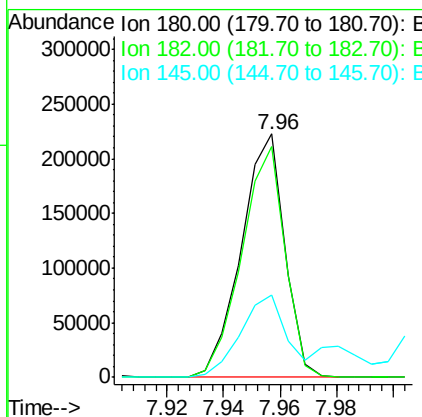
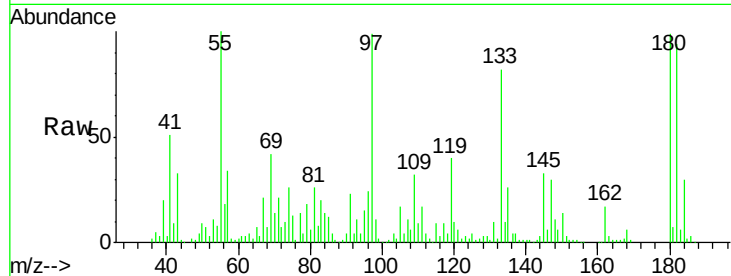
#30
 1,2,4-Trichlorobenzene
 Concen: 36.584 ng m
 RT: 7.96 min Scan# 998
 Delta R.T. 0.02 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237501		
182	94.9	76.8	115.2	
145	33.8	26.5	39.7	

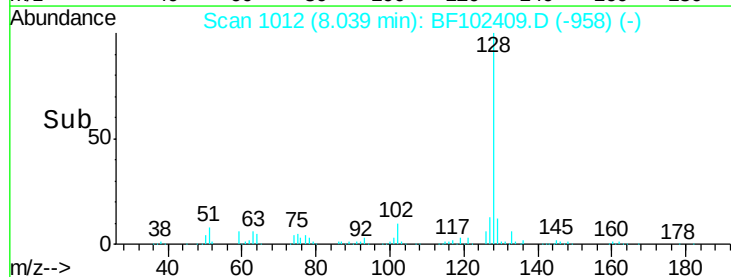
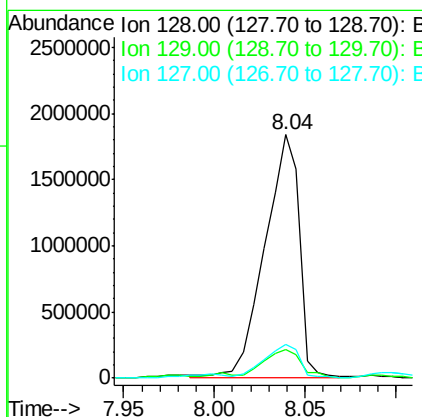
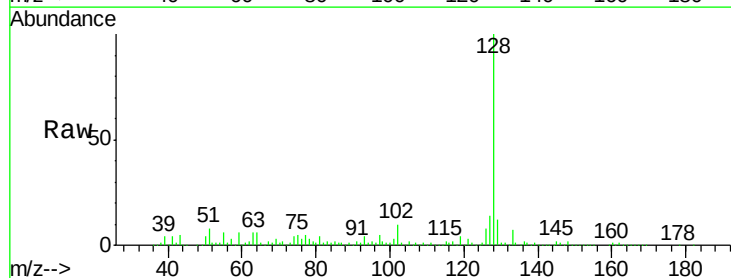
Manual Integrations
 APPROVED

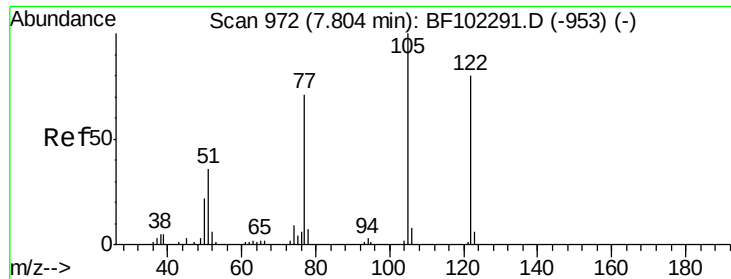
Sohil
 1/25/2018 5:30:42 PM



#31
 Naphthalene
 Concen: 110.432 ng m
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.02 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2408737		
129	11.8	8.8	13.2	
127	14.0	10.9	16.3	





#32

Benzoic acid

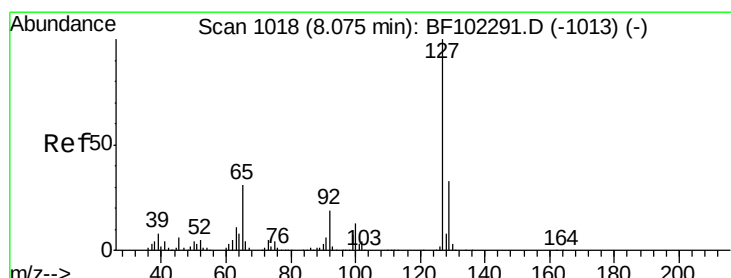
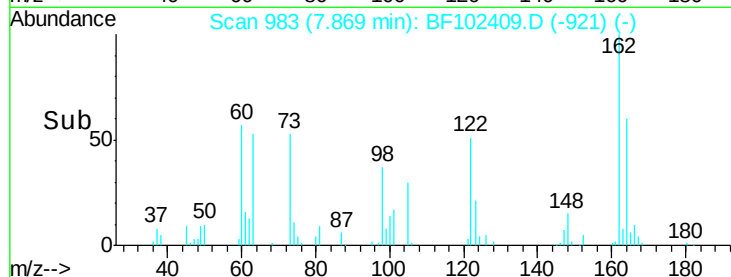
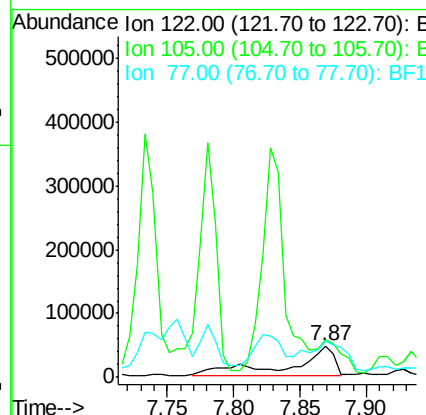
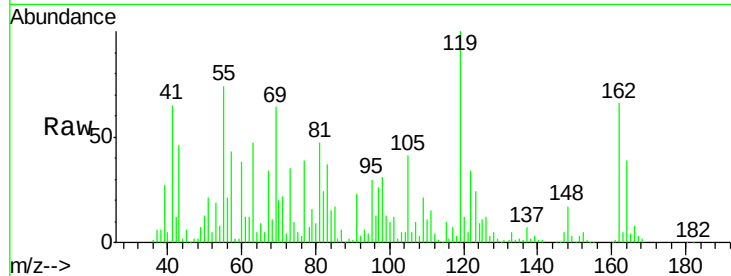
Concen: 21.448 ng m
RT: 7.87 min Scan# 983
Delta R.T. 0.06 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampled :
20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.3	101.1	141.1	
77	115.7	70.7	110.7#	

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM

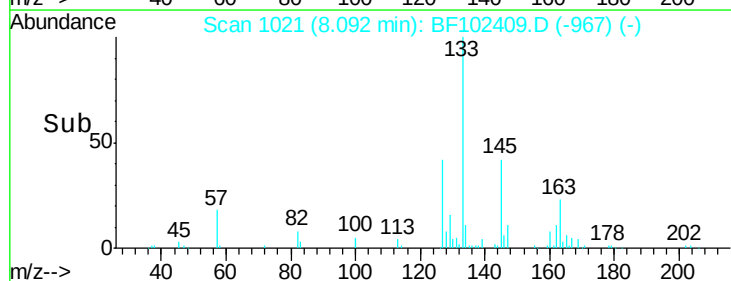
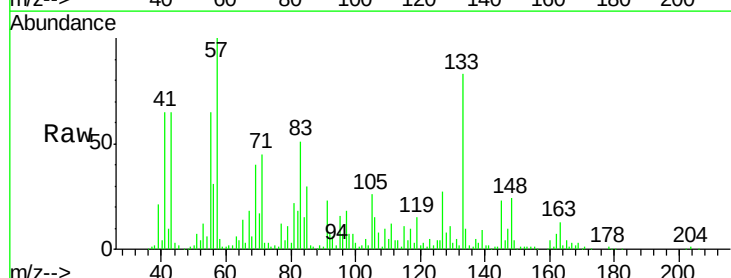
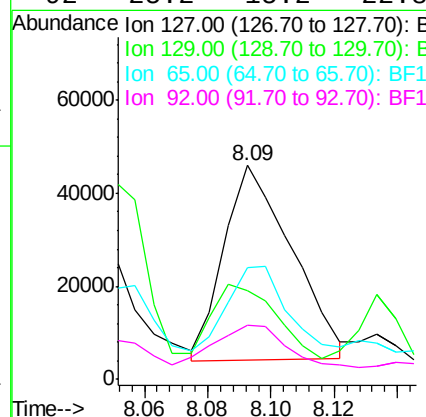


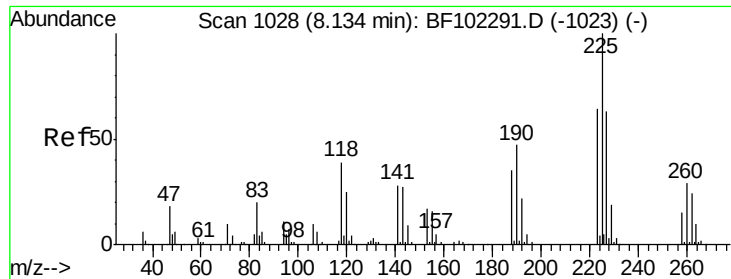
#33

4-Chloroaniline

Concen: 6.809 ng m
RT: 8.09 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	41.5	25.9	38.9#	
65	51.9	25.0	37.4#	
92	25.2	15.2	22.8#	





#34

Hexachlorobutadiene

Concen: 40.998 ng m

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

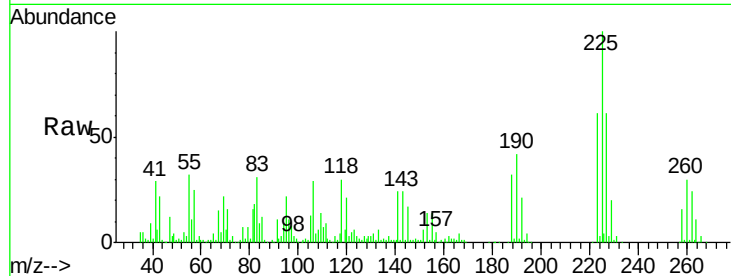
ClientSampleId :

20A-5MSD

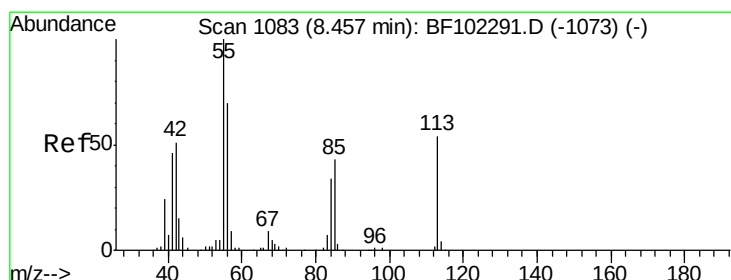
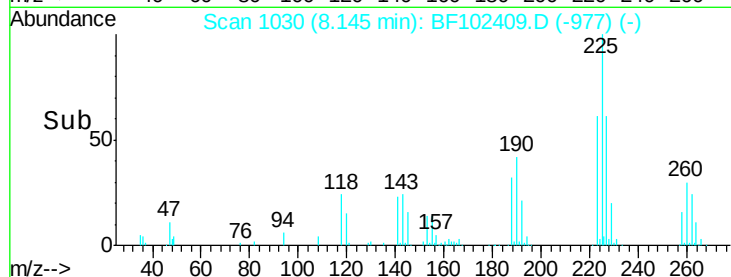
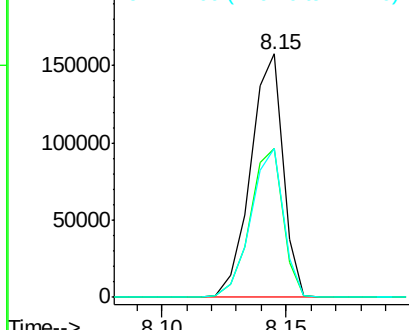
Tgt Ion:	225	Resp:	142154
Ion Ratio	Lower	Upper	
225	100		
223	61.0	50.6	76.0
227	61.3	51.9	77.9

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



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: 42.717 ng m

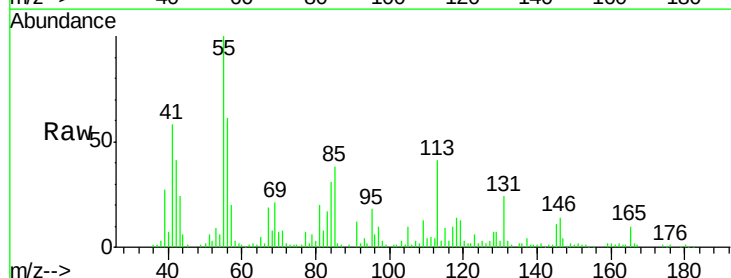
RT: 8.50 min Scan# 1090

Delta R.T. 0.04 min

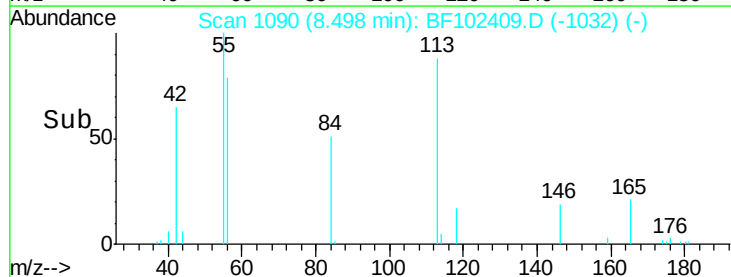
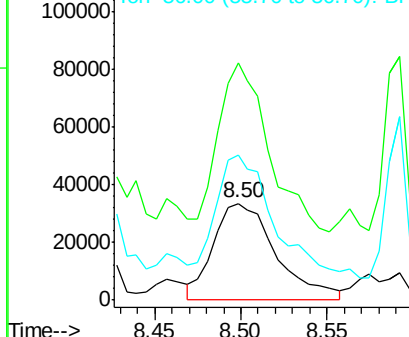
Lab File: BF102409.D

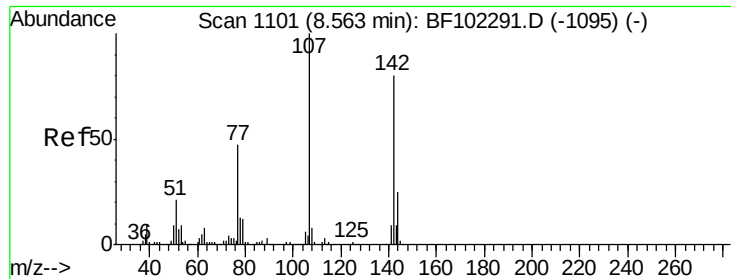
Acq: 25 Jan 2018 00:08

Tgt Ion:	113	Resp:	85441
Ion Ratio	Lower	Upper	
113	100		
55	243.8	163.3	203.3#
56	149.2	115.7	155.7



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





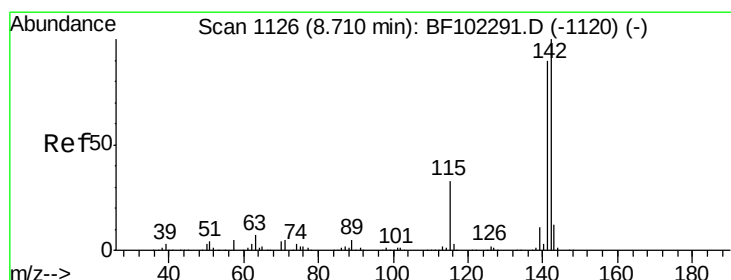
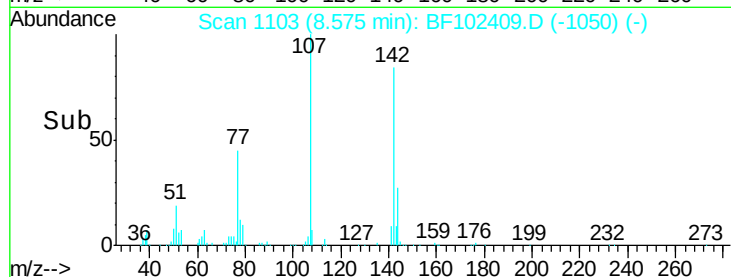
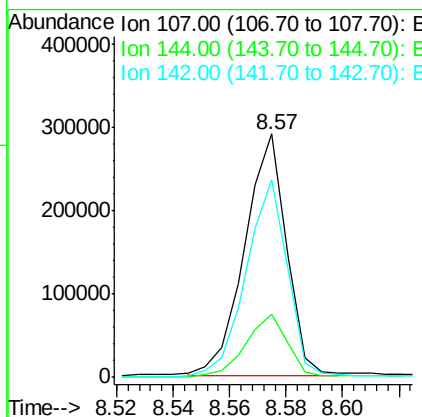
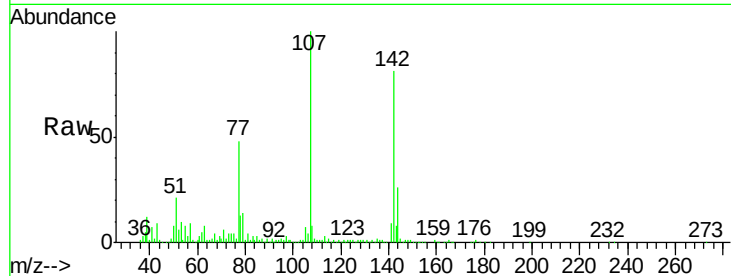
#36
 4-Chloro-3-methylphenol
 Concen: 46.642 ng m
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	81.3	62.0	93.0

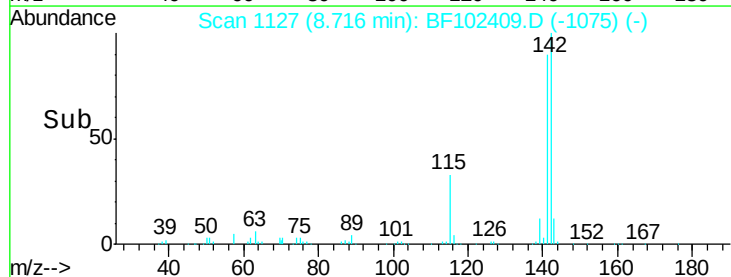
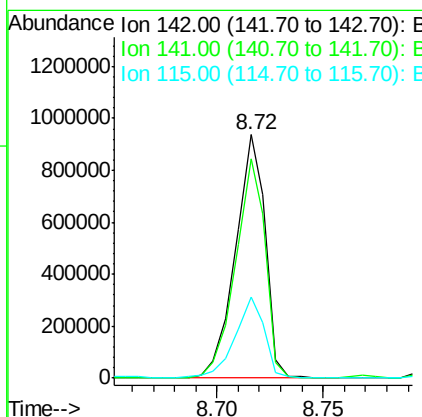
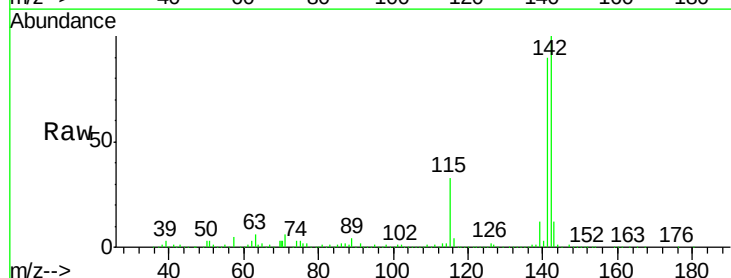
Manual Integrations
 APPROVED

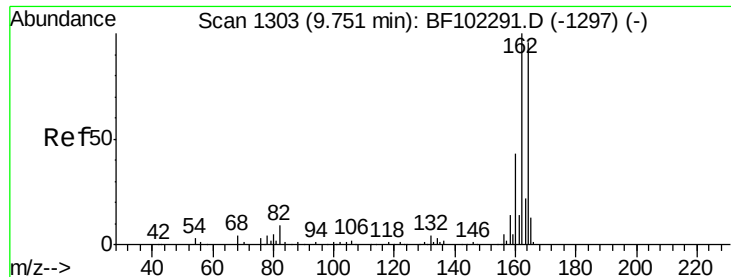
Sohil
 1/25/2018 5:30:42 PM



#37
 2-Methylnaphthalene
 Concen: 63.121 ng m
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.3	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng m

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

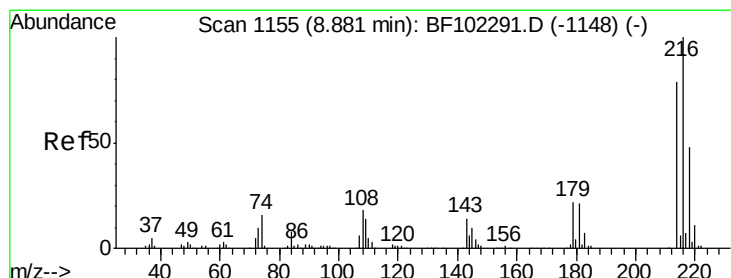
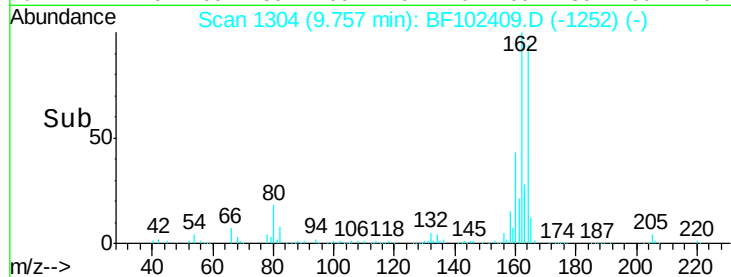
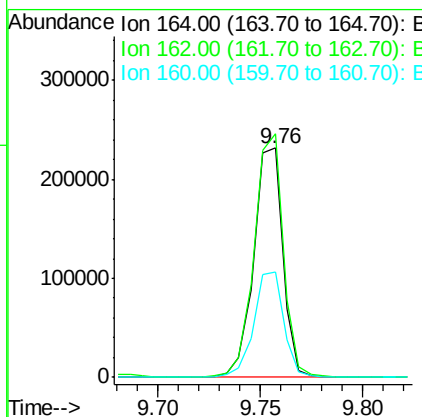
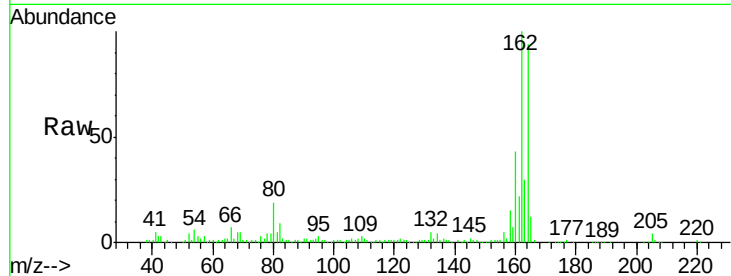
ClientSampleId :

20A-5MSD

Tgt Ion:	164	Resp:	229854
Ion Ratio	Lower	Upper	
164	100		
162	106.2	86.1	129.1
160	45.7	38.3	57.5

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.183 ng m

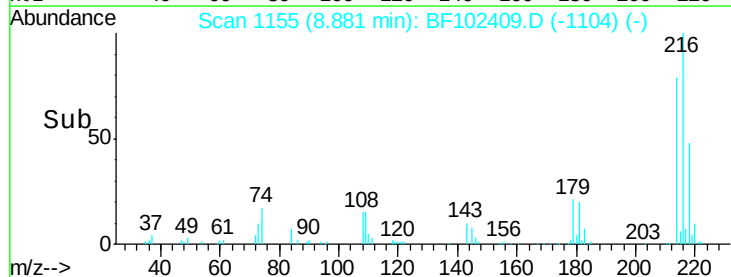
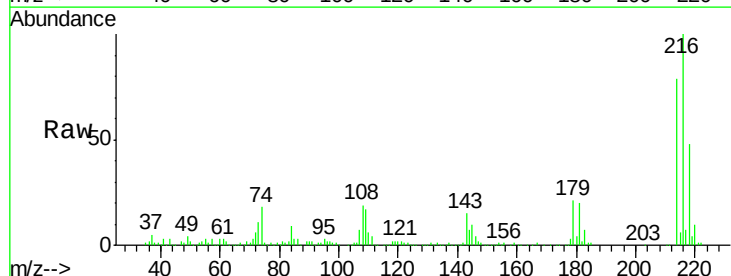
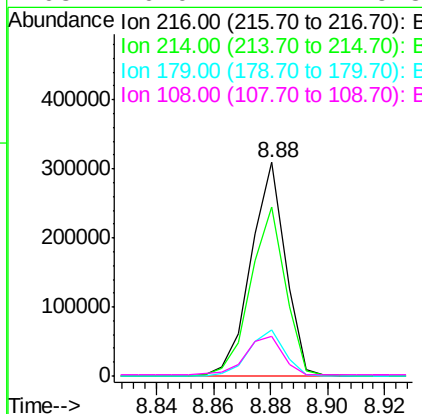
RT: 8.88 min Scan# 1155

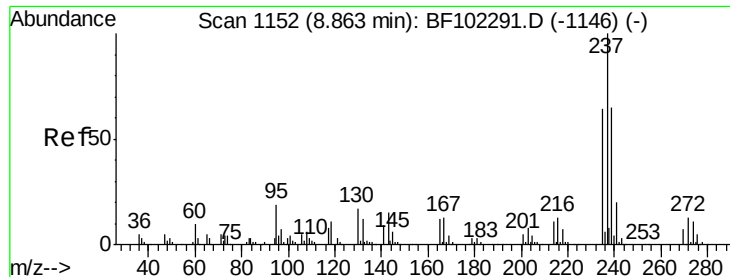
Delta R.T. -0.00 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	216	Resp:	257136
Ion Ratio	Lower	Upper	
216	100		
214	0.0	63.0	94.4#
179	0.0	18.1	27.1#
108	0.0	17.2	25.8#





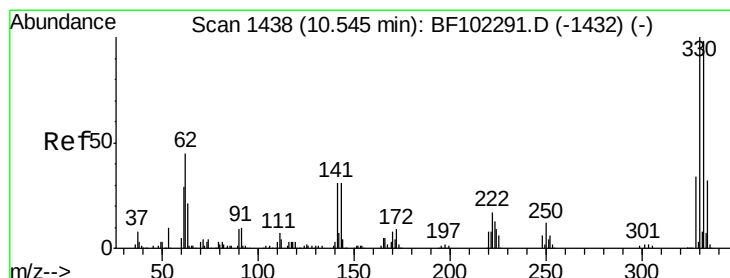
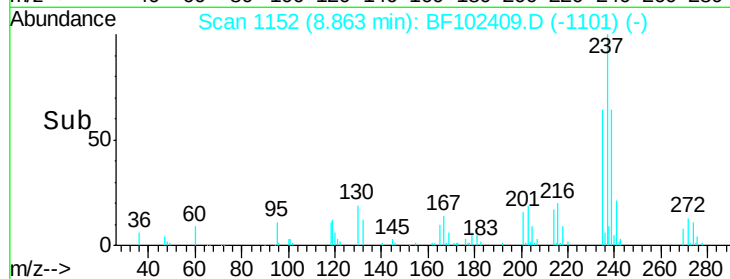
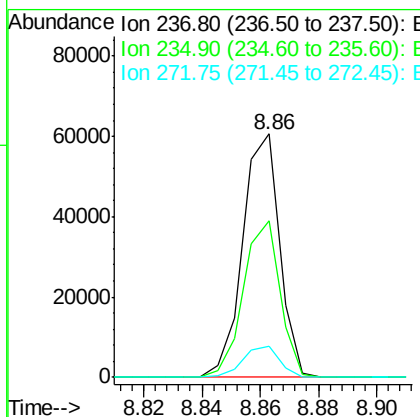
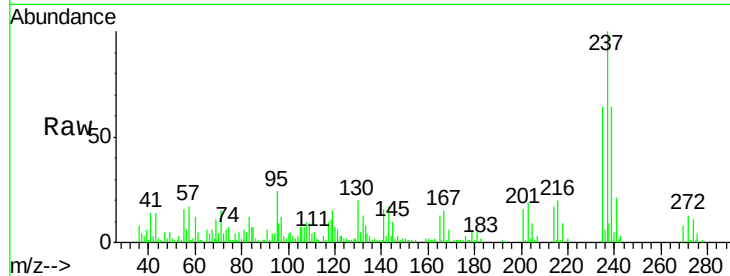
#40
Hexachlorocyclopentadiene
Concen: 17.369 ng m
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.2	44.8	84.8
272	12.8	0.0	33.3

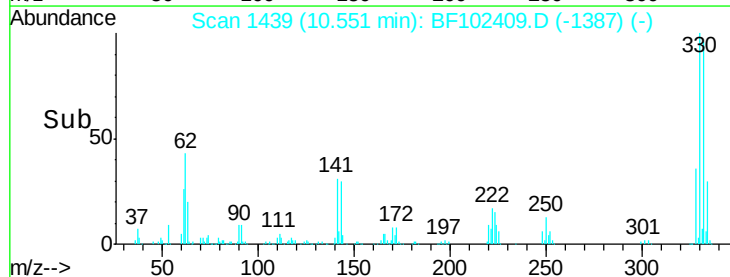
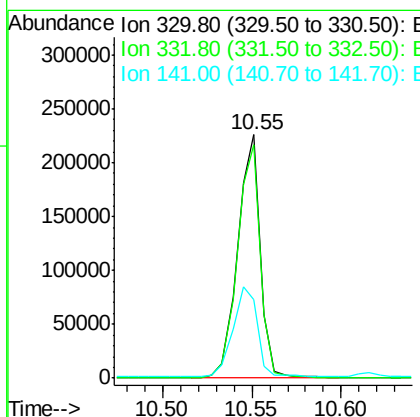
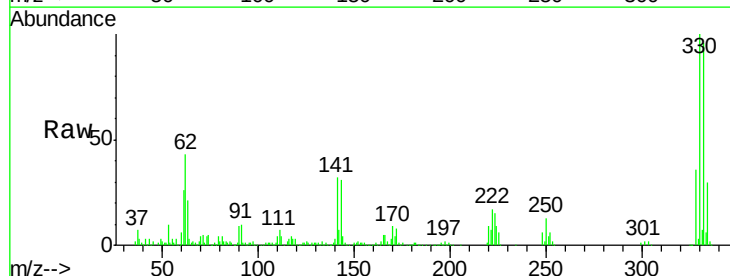
Manual Integrations
APPROVED

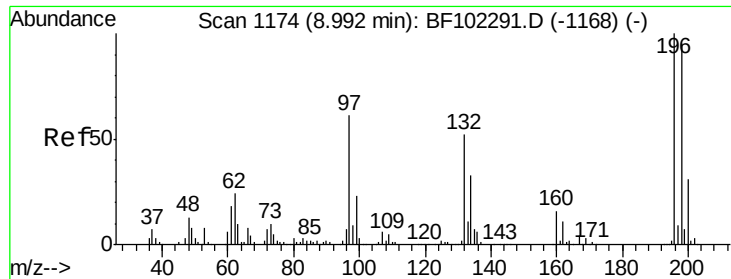
Sohil
1/25/2018 5:30:42 PM



#41
2,4,6-Tribromophenol
Concen: 88.725 ng m
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	0.0	77.0	115.6#
141	0.0	29.9	44.9#





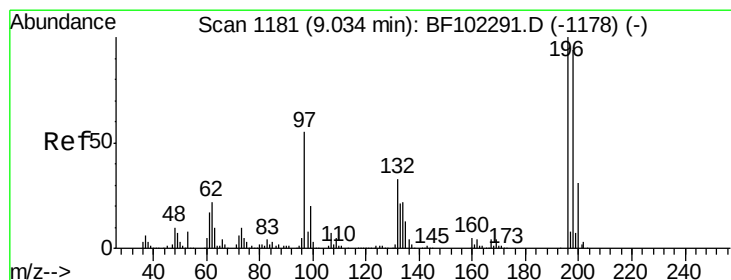
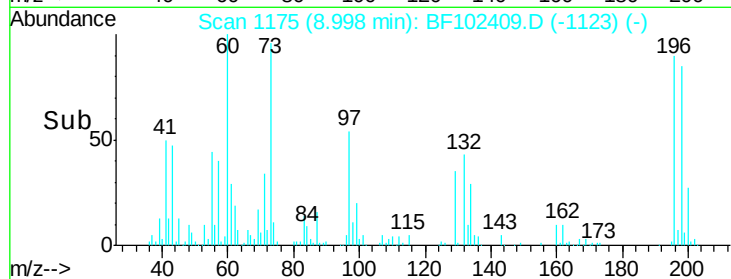
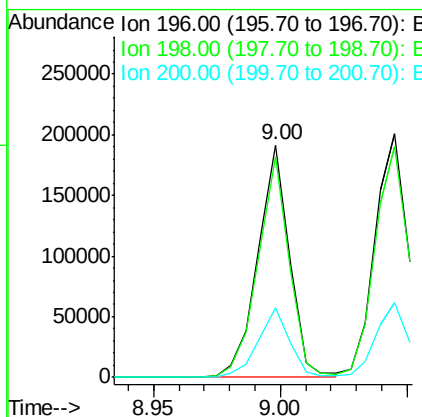
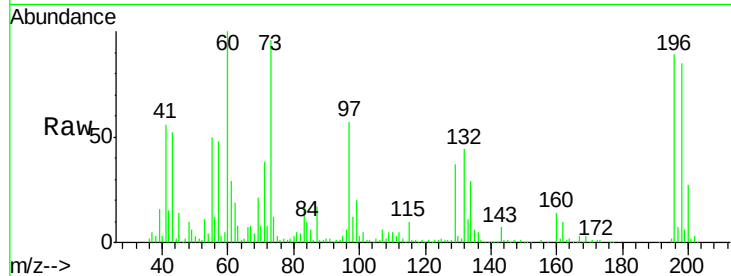
#42
 2,4,6-Trichlorophenol
 Concen: 36.065 ng m
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampled :
 20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166956		
198	95.0	75.7	113.5	
200	29.8	24.5	36.7	

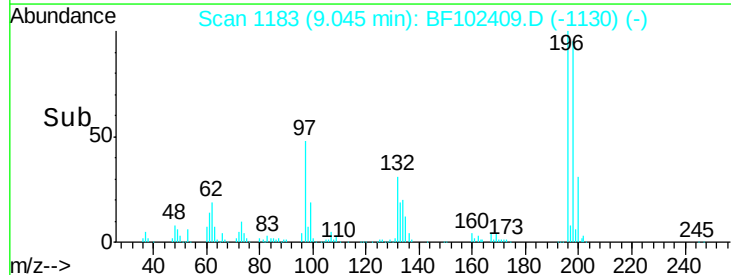
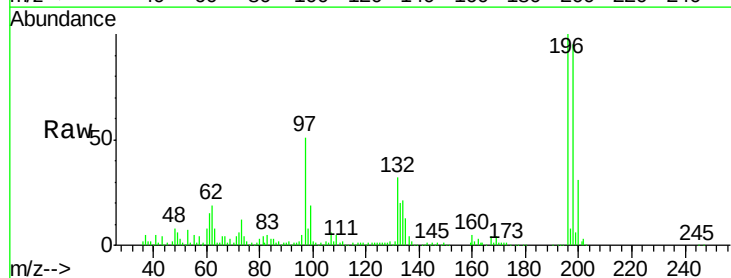
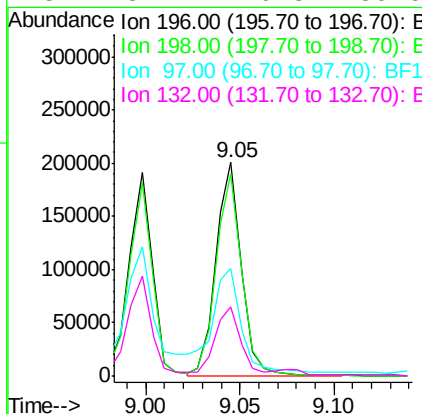
Manual Integrations
 APPROVED

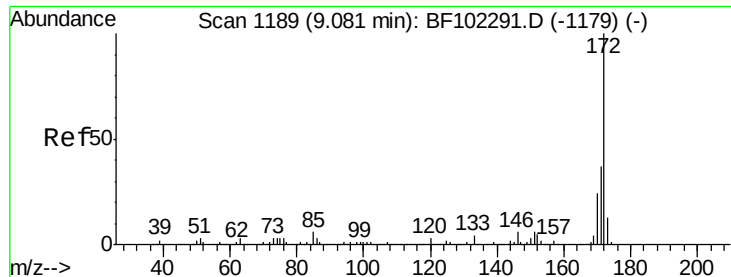
Sohil
 1/25/2018 5:30:42 PM



#43
 2,4,5-Trichlorophenol
 Concen: 36.790 ng m
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191763		
198	94.6	74.6	112.0	
97	50.6	42.9	64.3	
132	32.1	26.3	39.5	





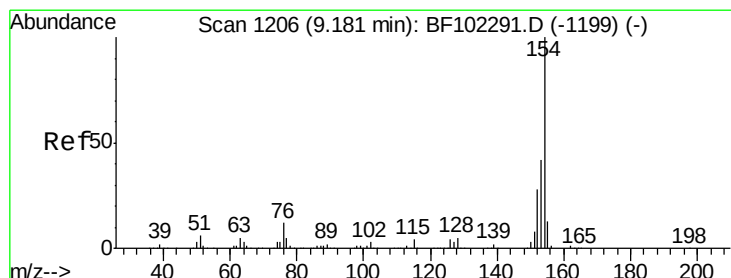
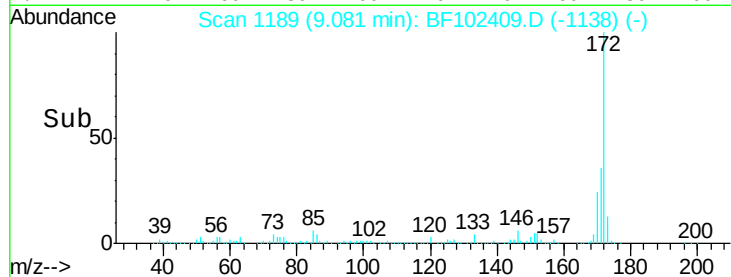
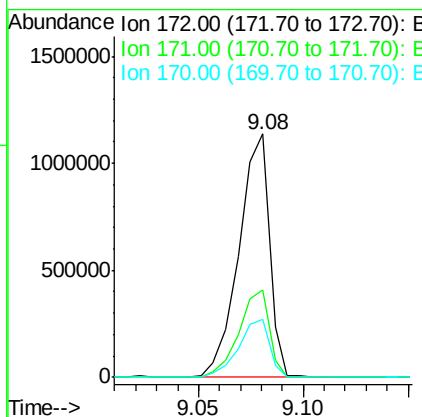
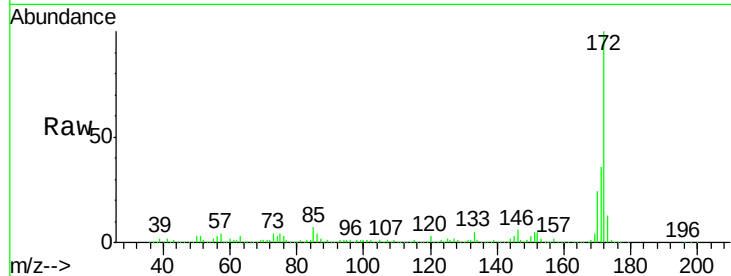
#44
2-Fluorobiphenyl
Concen: 73.607 ng m
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion:172 Resp: 1150671
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.7 19.6 29.4

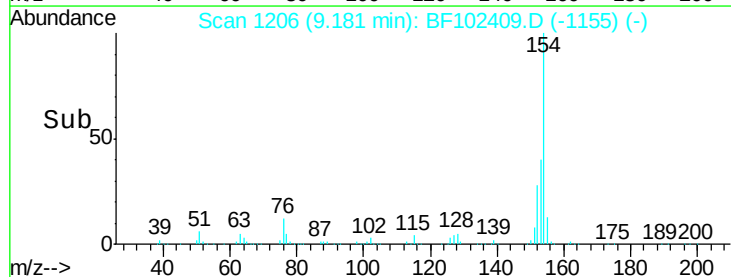
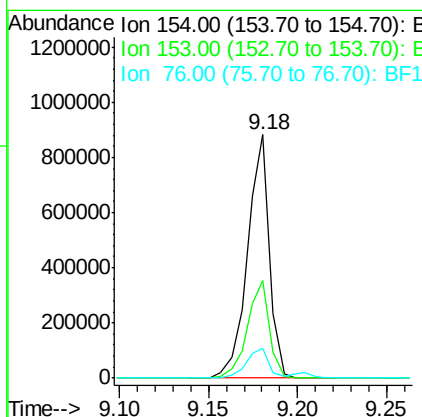
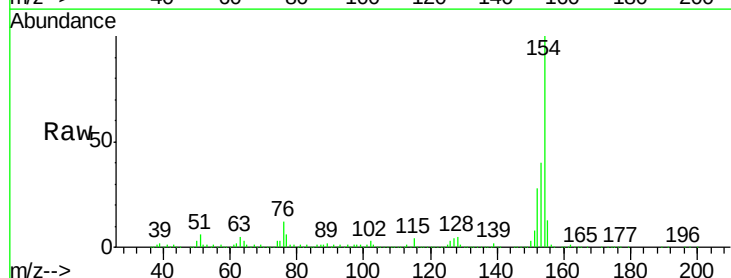
Manual Integrations
APPROVED

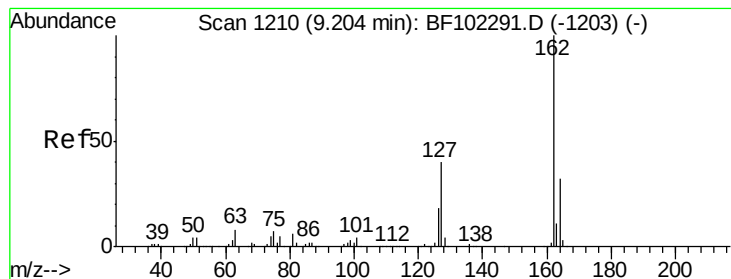
Sohil
1/25/2018 5:30:42 PM



#45
1,1'-Biphenyl
Concen: 36.874 ng m
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion:154 Resp: 757853
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 12.1 0.0 34.0





#46

2-Chloronaphthalene

Concen: 38.491 ng m

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

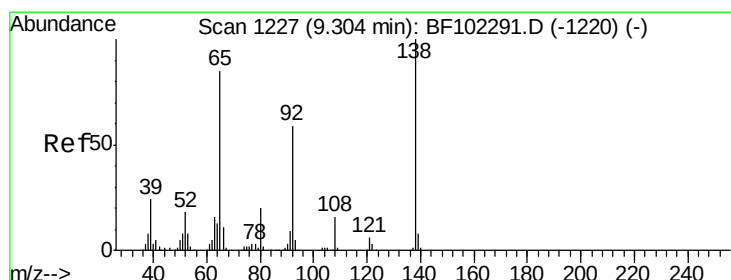
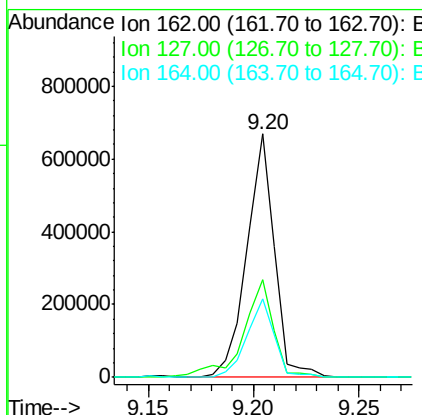
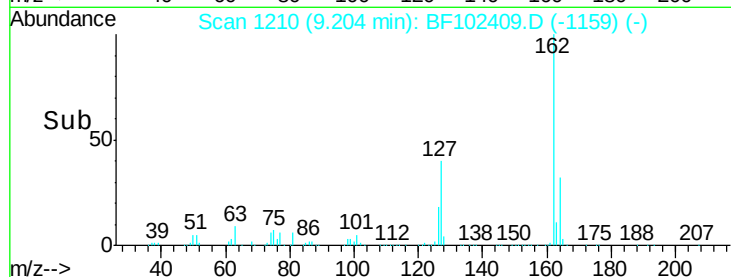
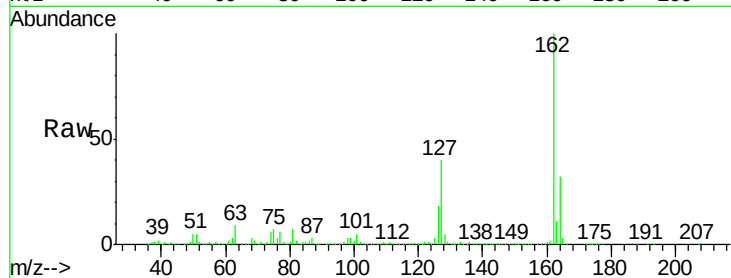
ClientSampleId :

20A-5MSD

Tgt Ion:	162	Resp:	614910
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.9	50.9
164	32.1	26.5	39.7

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#47

2-Nitroaniline

Concen: 39.405 ng m

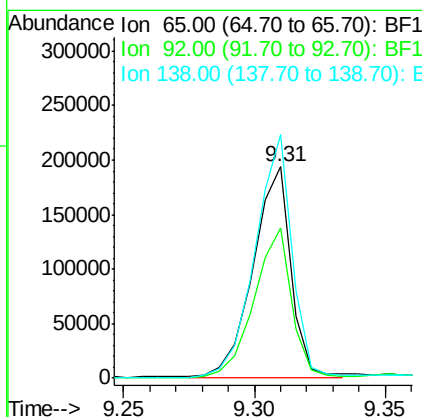
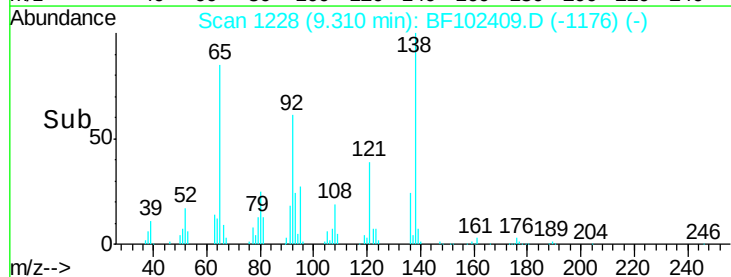
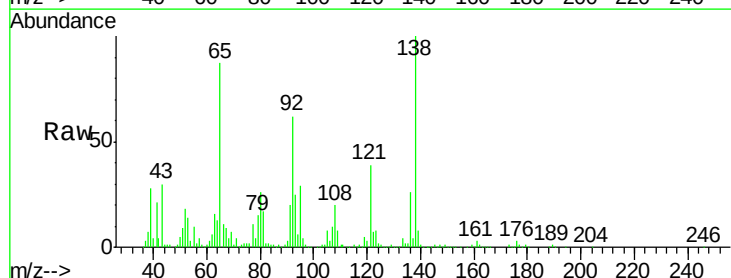
RT: 9.31 min Scan# 1228

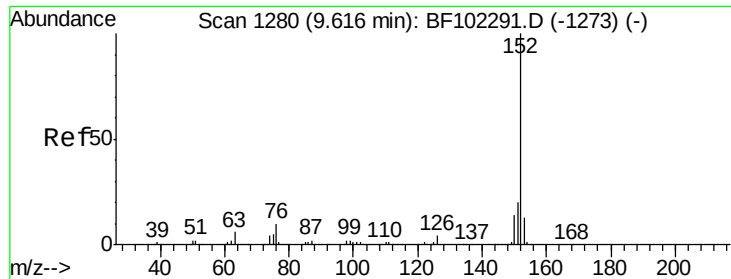
Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	65	Resp:	196257
Ion Ratio	Lower	Upper	
65	100		
92	71.3	55.8	83.6
138	115.3	91.2	136.8





#48

Acenaphthylene

Concen: 34.015 ng m

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

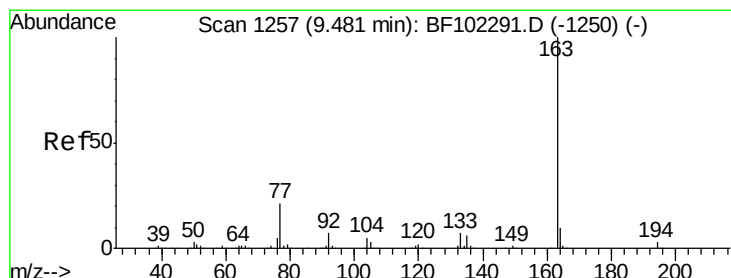
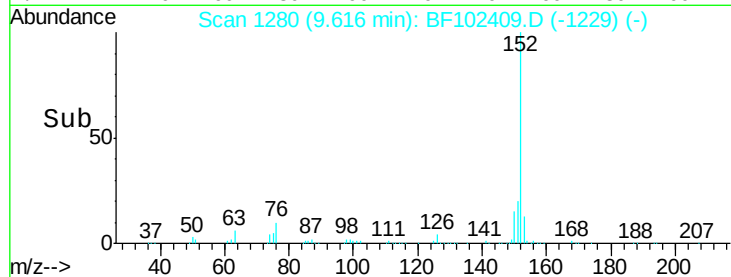
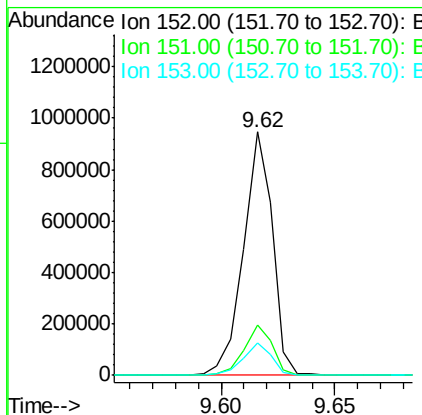
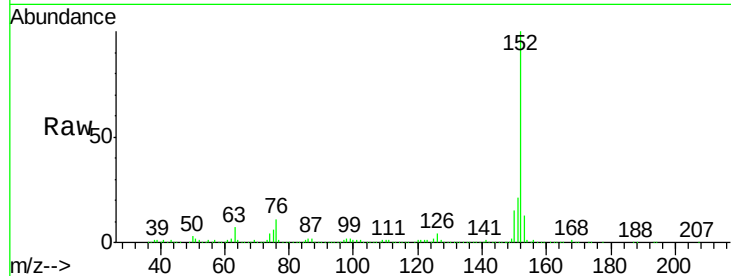
ClientSampleId :

20A-5MSD

Tgt Ion:	152	Resp:	846585
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#49

Dimethylphthalate

Concen: 44.889 ng m

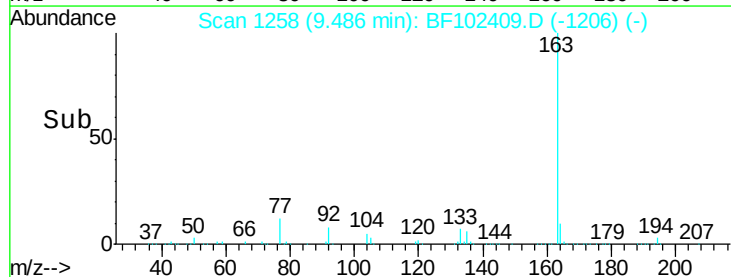
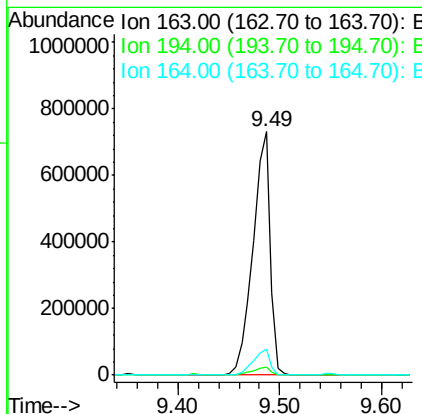
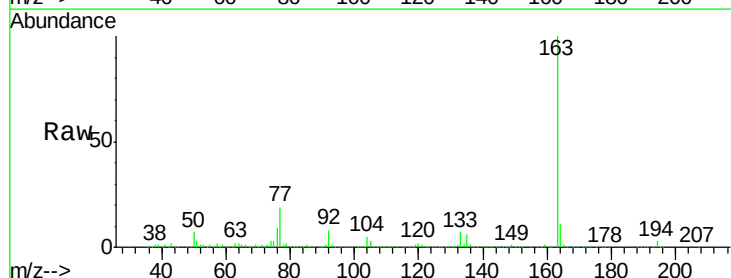
RT: 9.49 min Scan# 1258

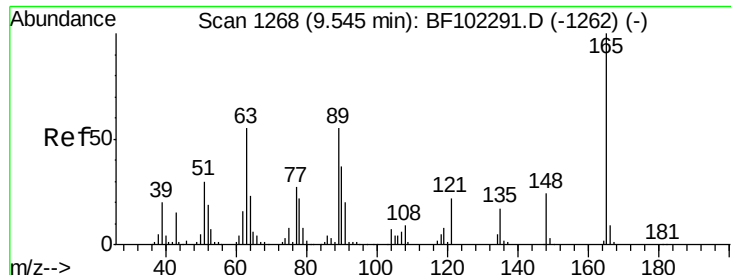
Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	163	Resp:	852841
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2





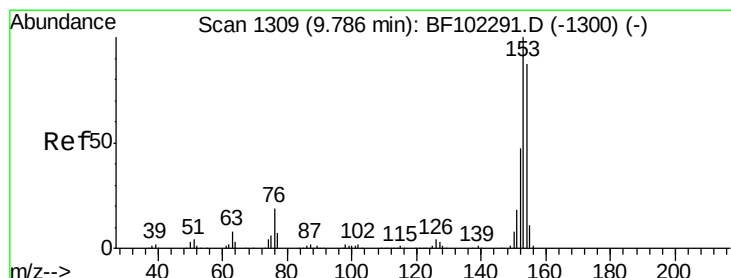
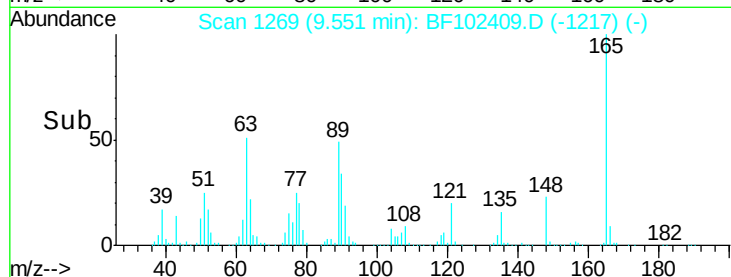
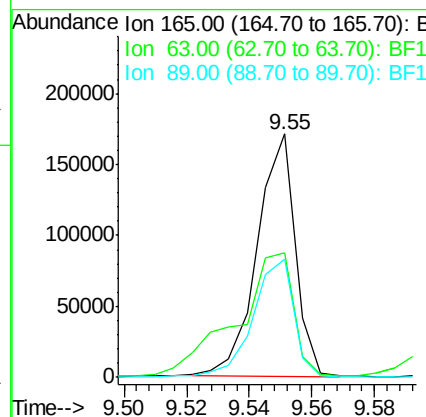
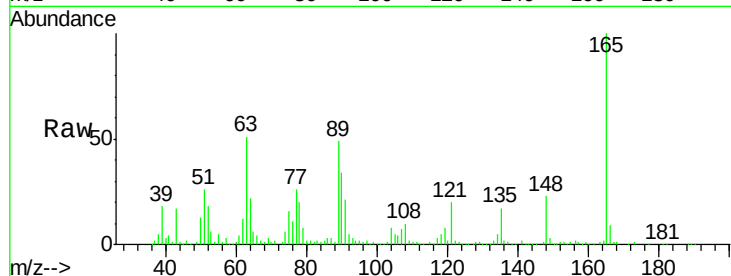
#50
2,6-Dinitrotoluene
Concen: 35.198 ng m
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144178		
63	51.2	44.7	67.1	
89	48.8	44.0	66.0	

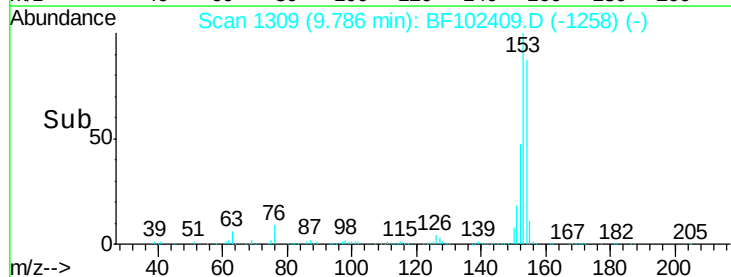
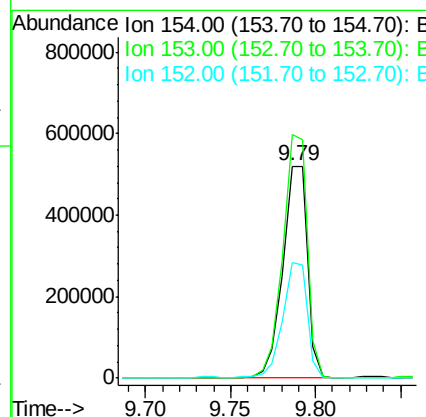
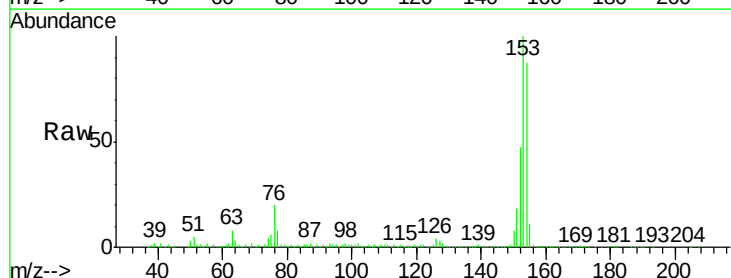
Manual Integrations
APPROVED

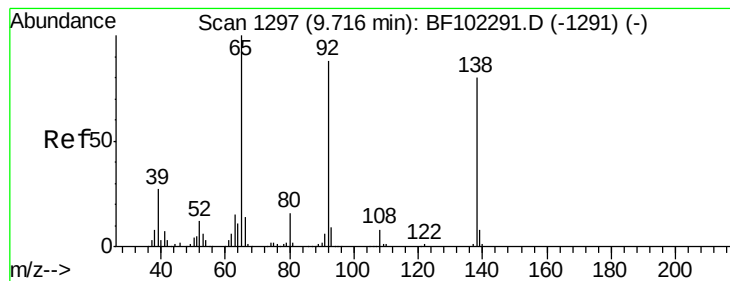
Sohil
1/25/2018 5:30:42 PM



#51
Acenaphthene
Concen: 35.702 ng m
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	518957		
153	114.8	91.2	136.8	
152	54.5	43.8	65.8	





#52

3-Nitroaniline

Concen: 15.584 ng m

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF102409.D

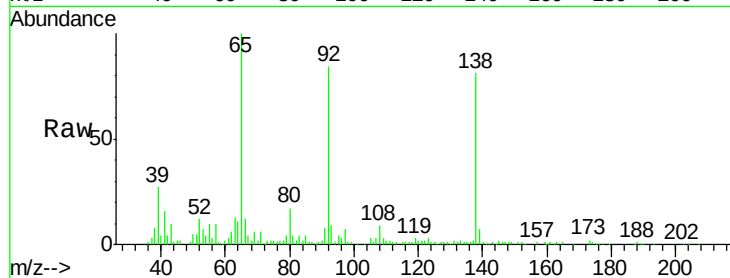
Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

ClientSampleId :

20A-5MSD



Tgt Ion:138 Resp: 75517

Ion Ratio Lower Upper

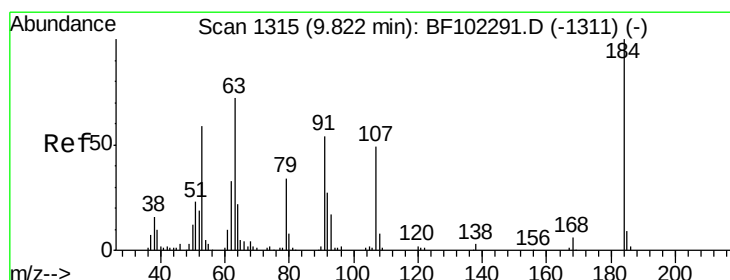
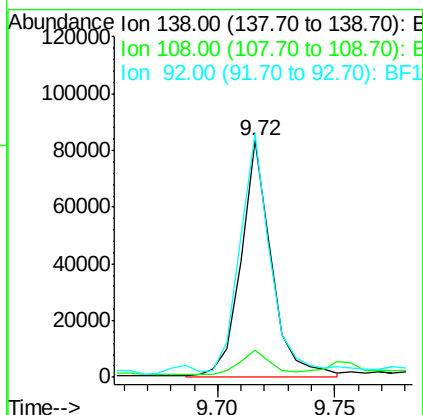
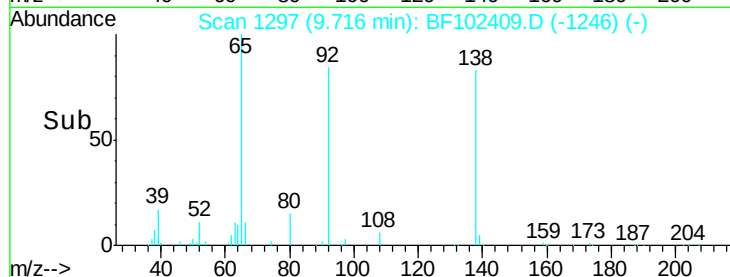
138 100

108 11.4 9.4 14.0

92 102.9 89.4 134.2

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#53

2,4-Dinitrophenol

Concen: 6.638 ng m

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

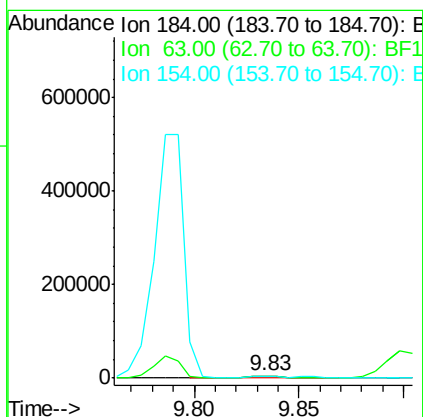
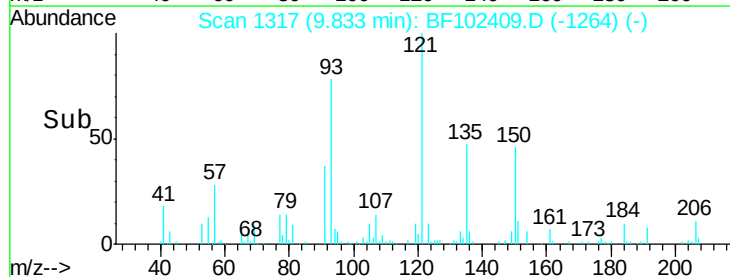
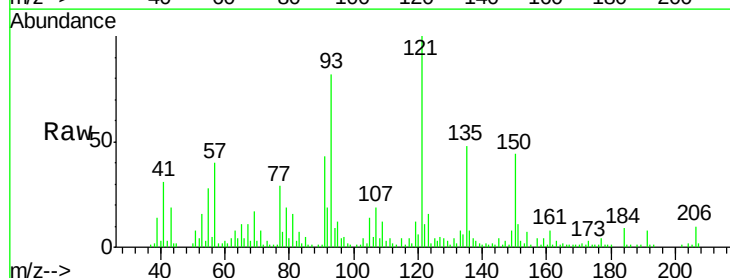
Tgt Ion:184 Resp: 5670

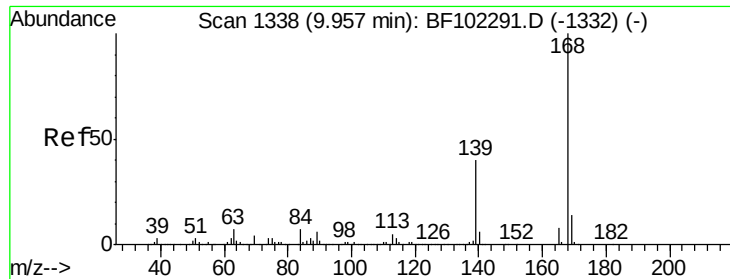
Ion Ratio Lower Upper

184 100

63 81.9 54.2 81.2#

154 76.3 184.0 276.0#





#54

Dibenzofuran

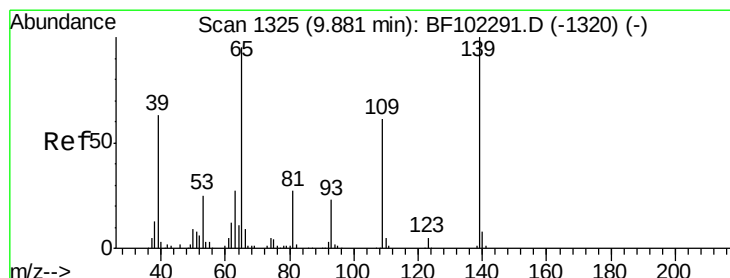
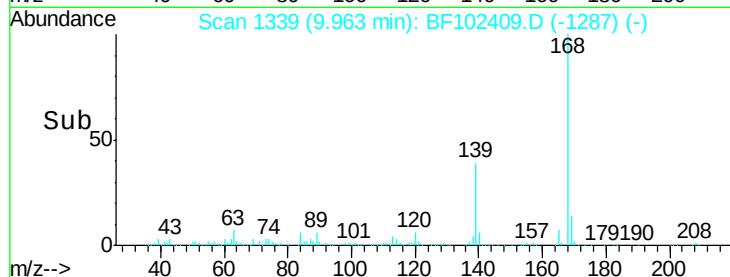
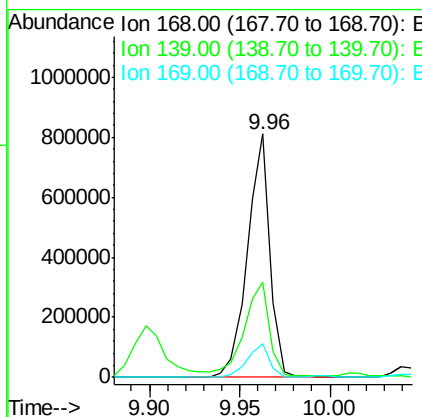
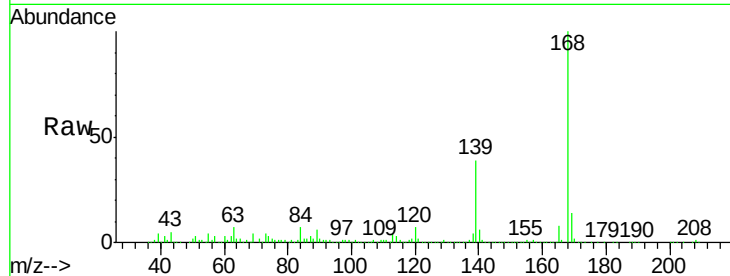
Concen: 36.025 ng m
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampled :
20A-5MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.6	10.9	16.3

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM

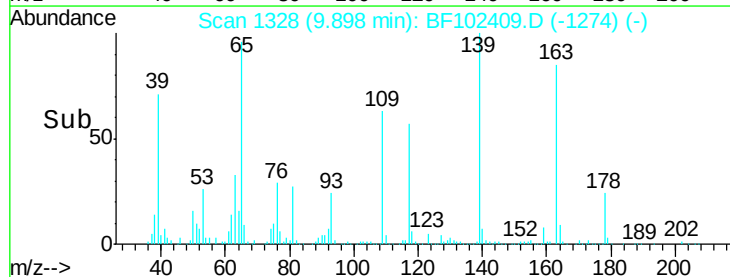
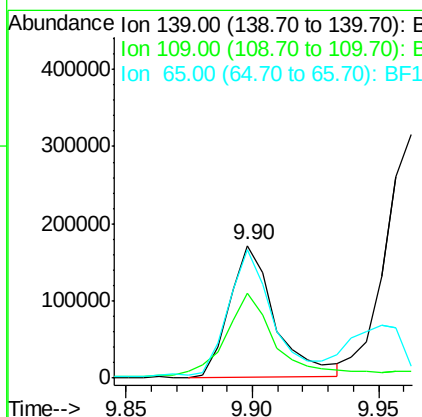
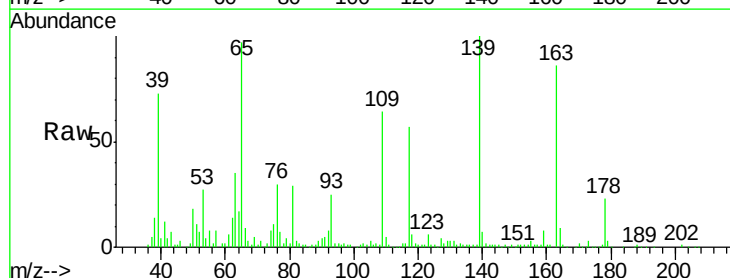


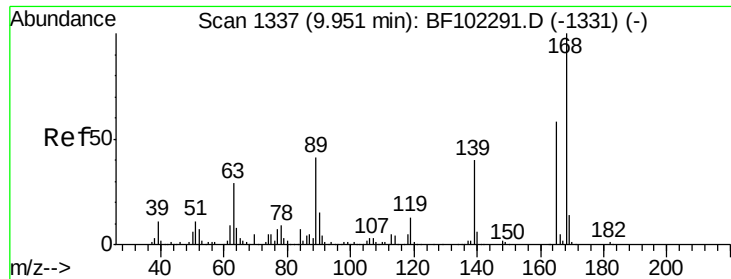
#55

4-Nitrophenol

Concen: 67.160 ng m
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	48.4	88.4
65	96.7	72.6	112.6





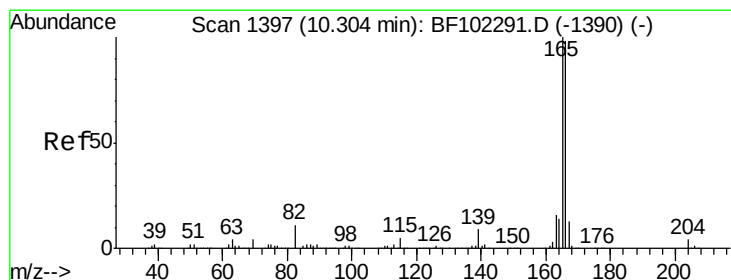
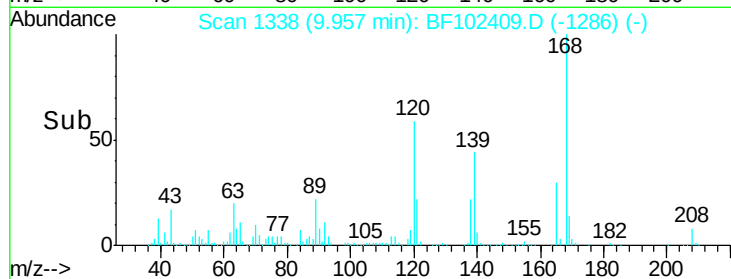
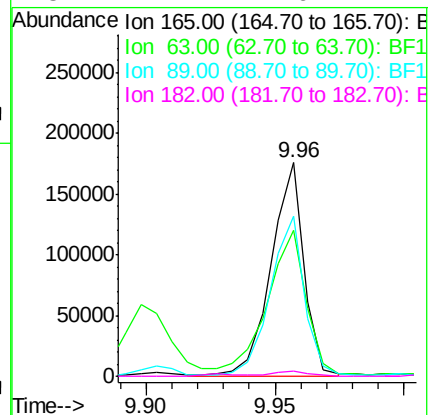
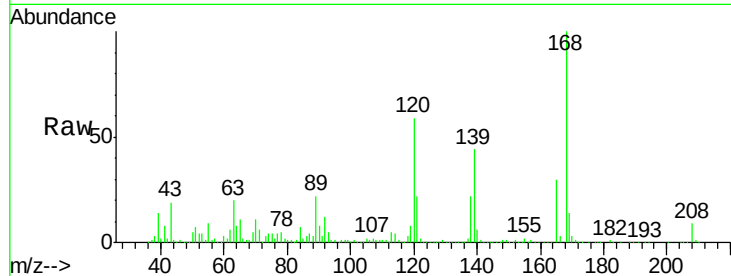
#56
2,4-Dinitrotoluene
Concen: 31.240 ng m
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampled :
20A-5MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.5	36.4	54.6#
89	75.1	57.8	86.6
182	2.4	1.6	2.4#

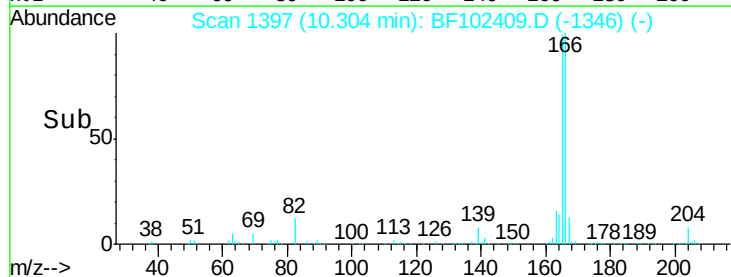
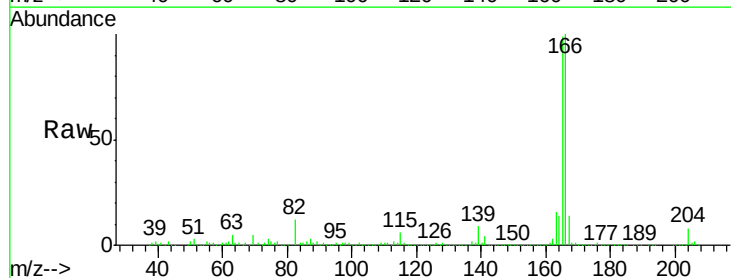
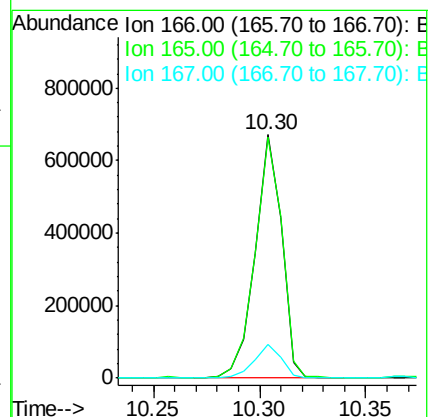
Manual Integrations
APPROVED

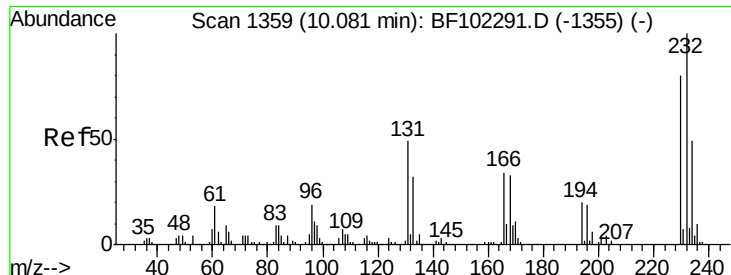
Sohil
1/25/2018 5:30:42 PM



#57
Fluorene
Concen: 37.391 ng m
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.9	79.8	119.8
167	13.6	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 36.827 ng m

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

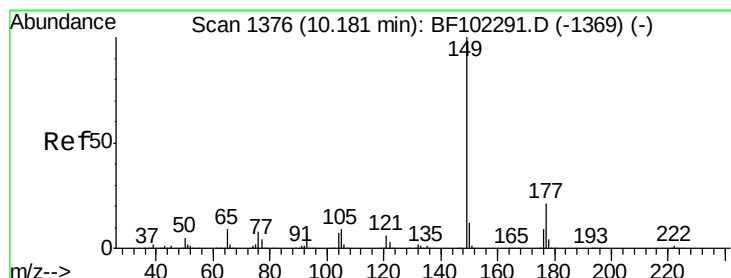
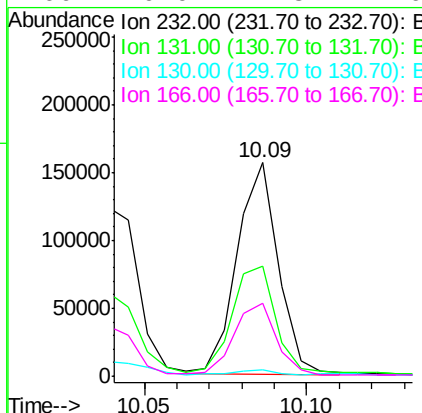
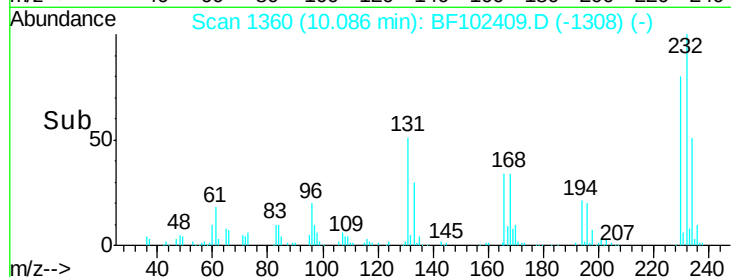
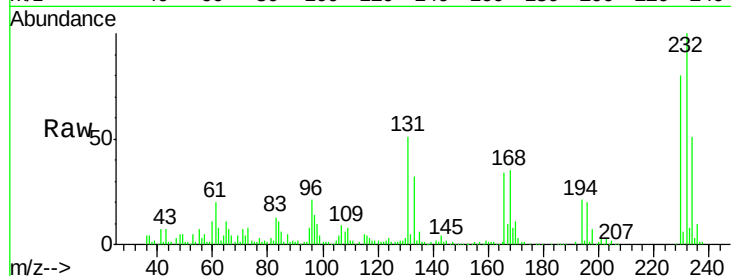
ClientSampleId :

20A-5MSD

Tgt Ion:	232	Resp:	137054
Ion Ratio	Lower	Upper	
232	100		
131	0.6	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#59

Diethylphthalate

Concen: 36.647 ng m

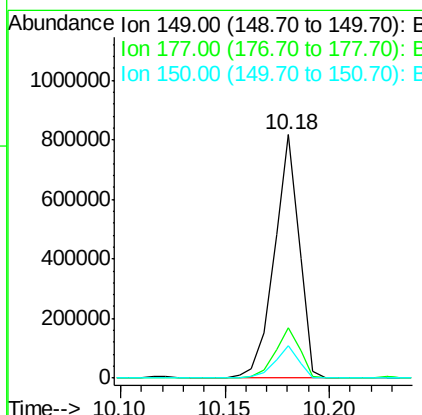
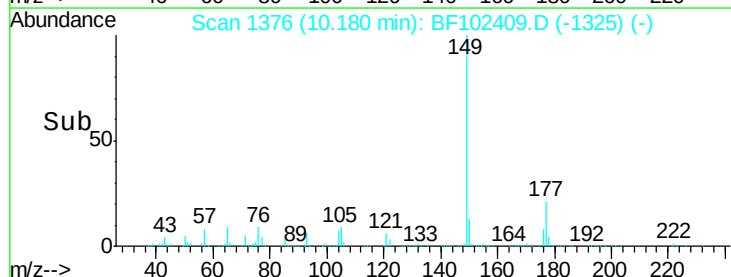
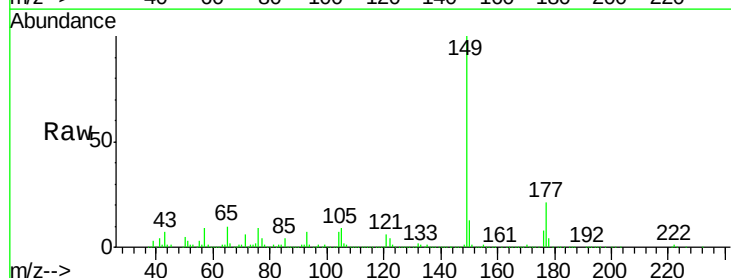
RT: 10.18 min Scan# 1376

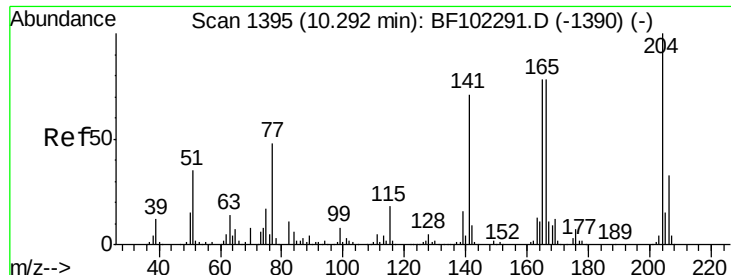
Delta R.T. -0.00 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	149	Resp:	676588
Ion Ratio	Lower	Upper	
149	100		
177	20.8	16.1	24.1
150	13.1	10.1	15.1





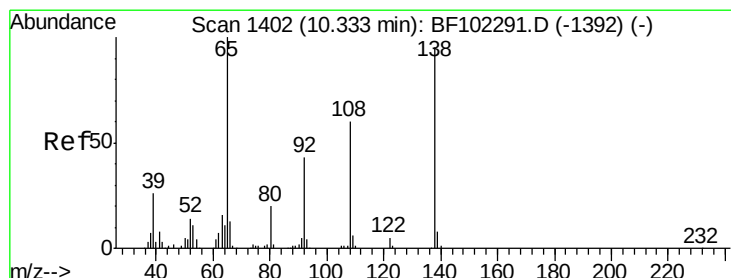
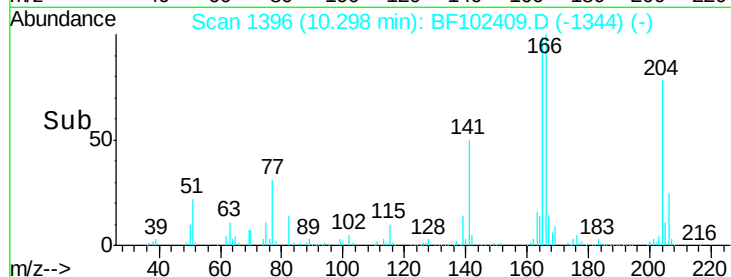
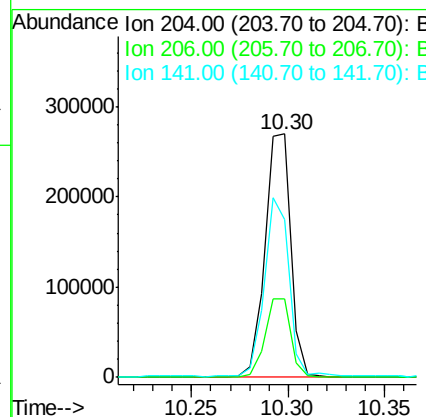
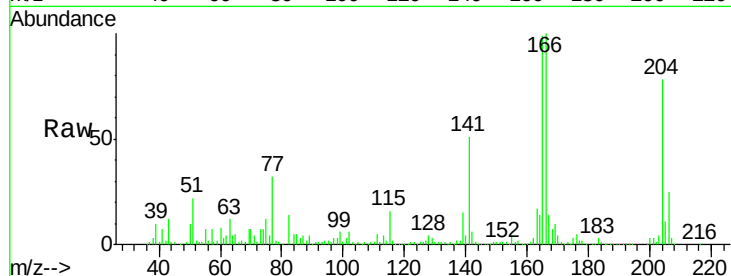
#60
4-Chlorophenyl-phenylether
Concen: 36.724 ng m
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampled :
20A-5MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	64.6	54.6	81.8

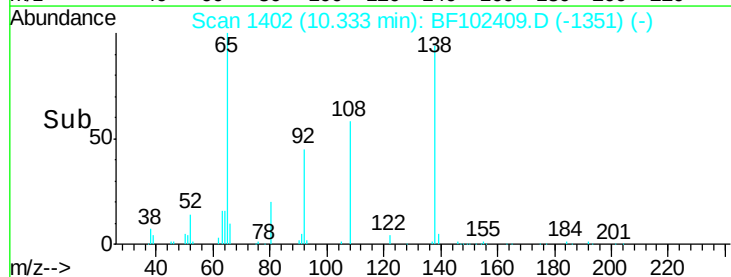
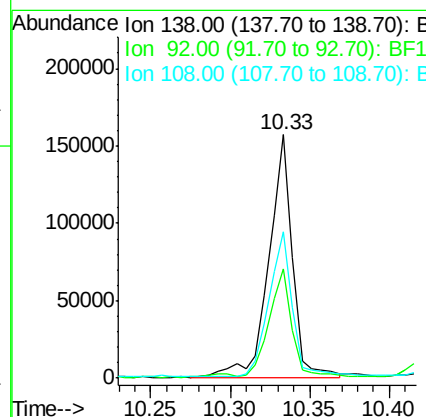
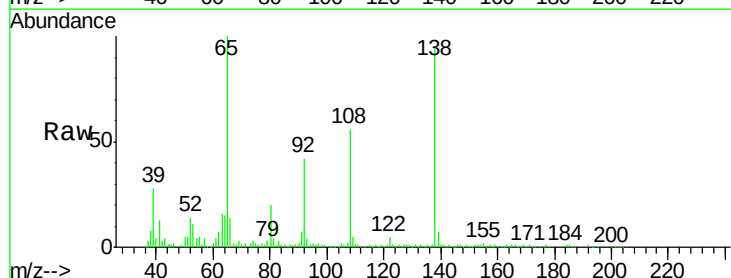
Manual Integrations
APPROVED

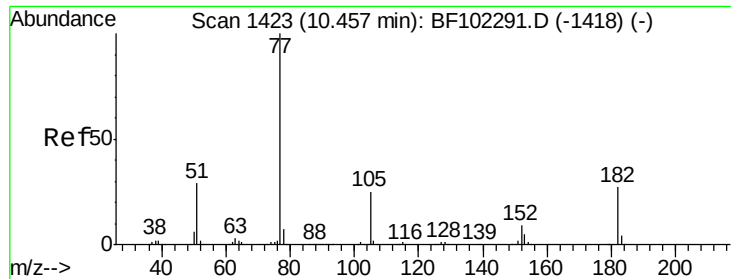
Sohil
1/25/2018 5:30:42 PM



#61
4-Nitroaniline
Concen: 33.703 ng m
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	30.2	70.2
108	60.3	52.5	92.5





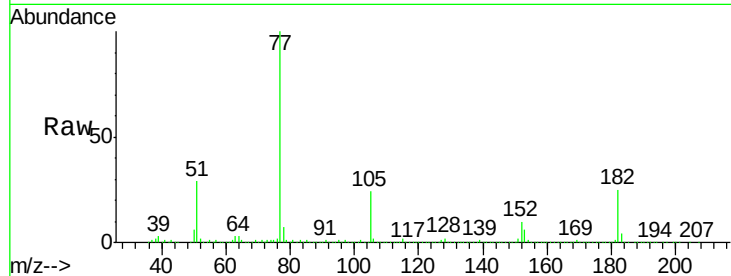
#62
Azobenzene
Concen: 35.480 ng m
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	24.4	3.0	43.0
51	28.8	9.9	49.9

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM

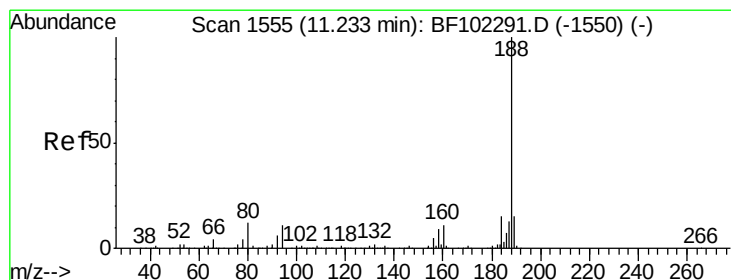
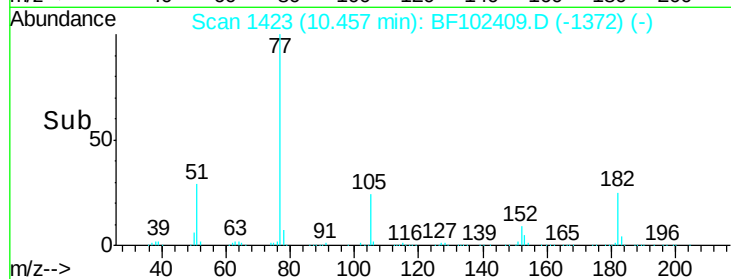
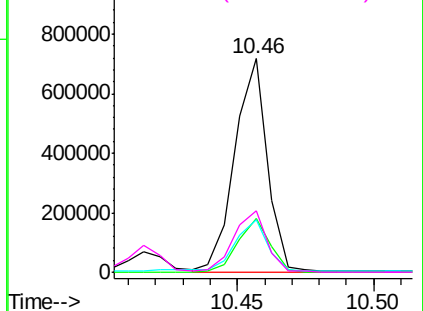


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



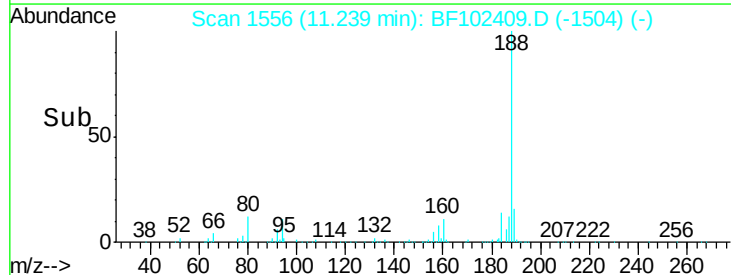
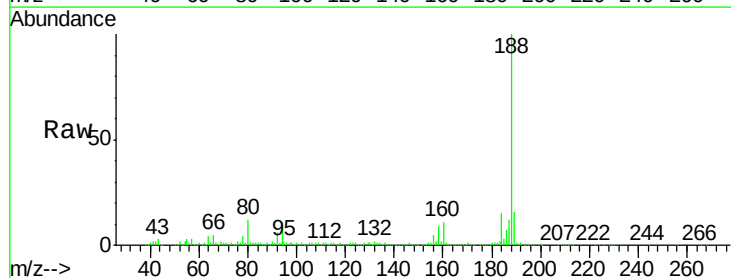
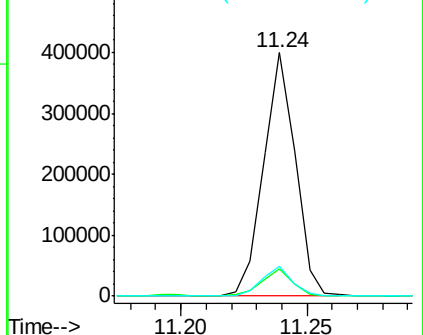
#63
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

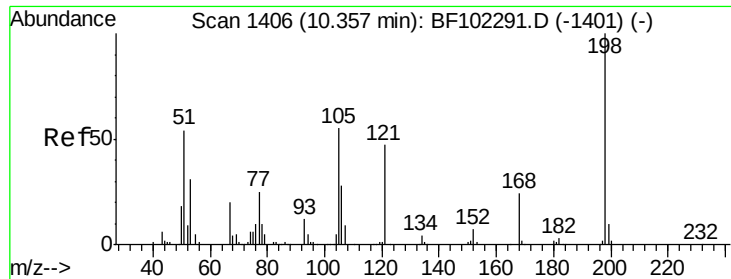
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.1	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





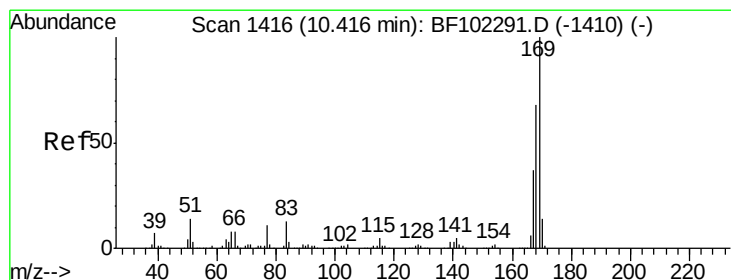
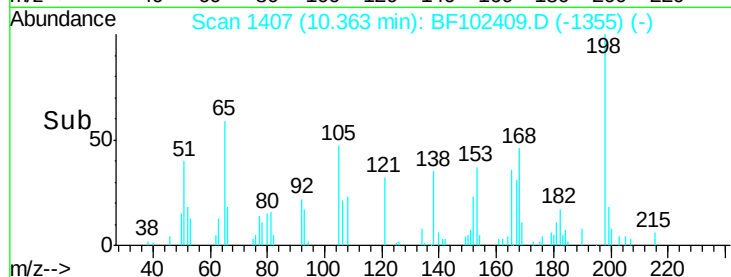
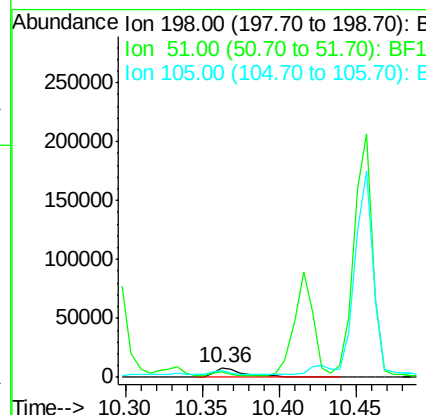
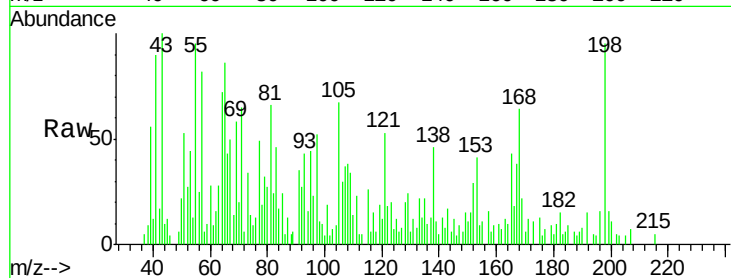
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.014 ng m
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampled :
 20A-5MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.8	37.7	77.7
105	70.4	36.3	76.3

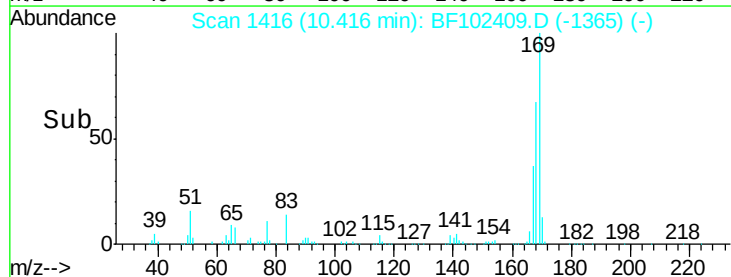
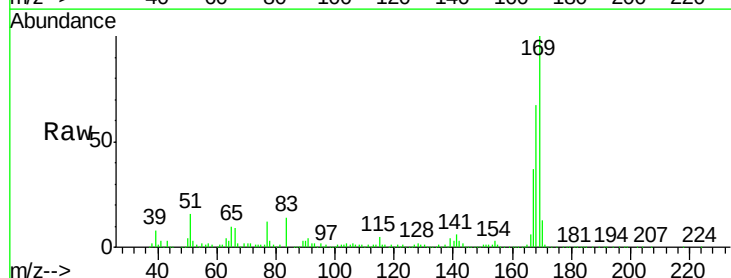
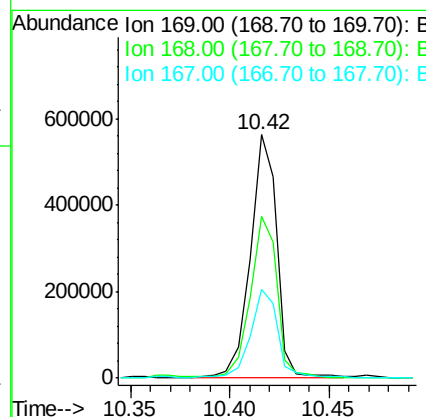
Manual Integrations
 APPROVED

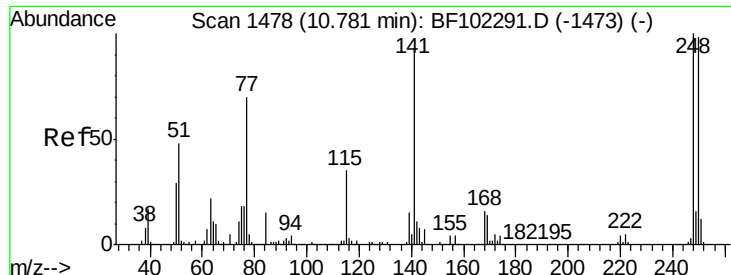
Sohil
 1/25/2018 5:30:42 PM



#65
 n-Nitrosodiphenylamine
 Concen: 40.866 ng m
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.4	81.6
167	36.6	29.8	44.6





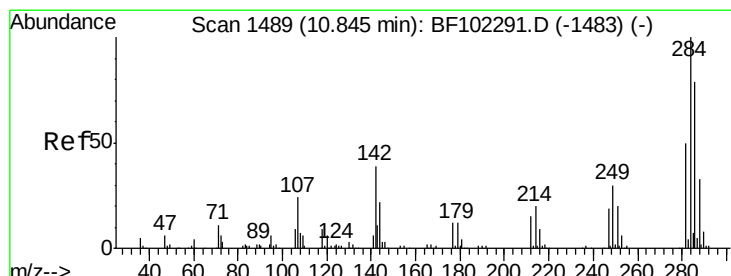
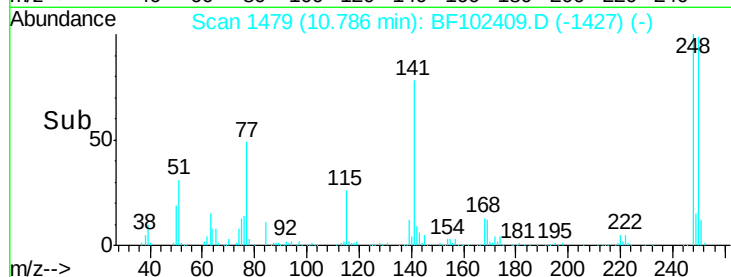
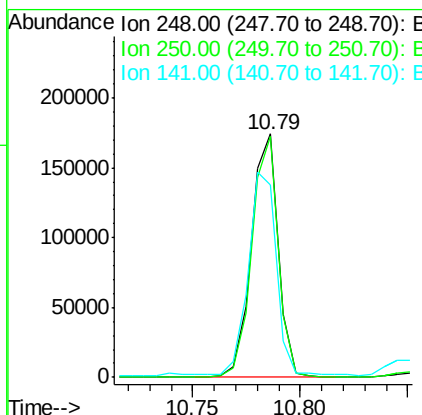
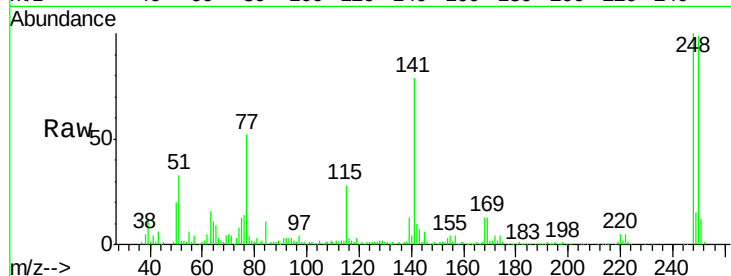
#66
 4-Bromophenyl-phenylether
 Concen: 40.696 ng m
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	152845		
250	98.8	76.9	115.3	
141	79.0	74.4	111.6	

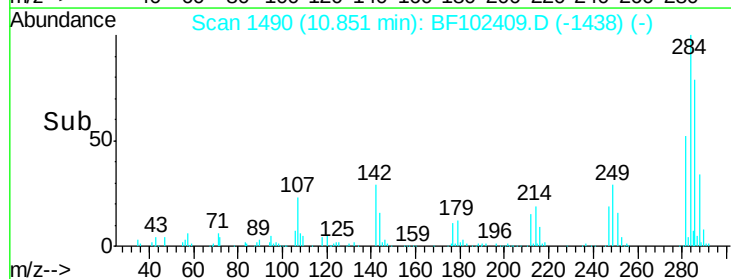
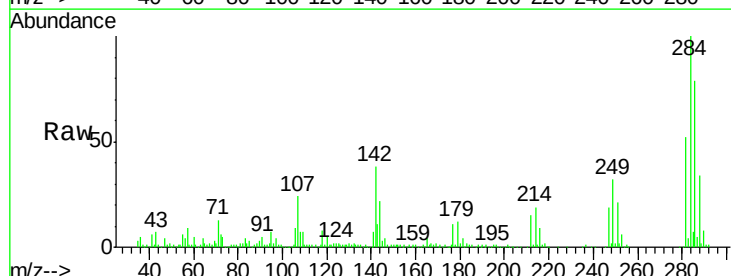
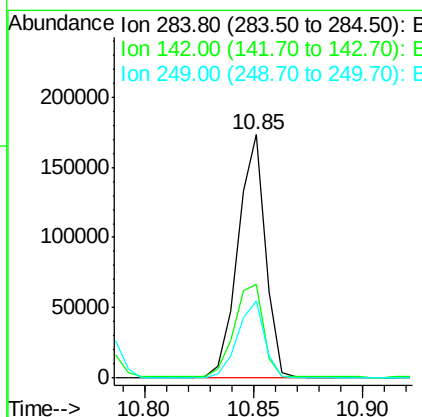
Manual Integrations
 APPROVED

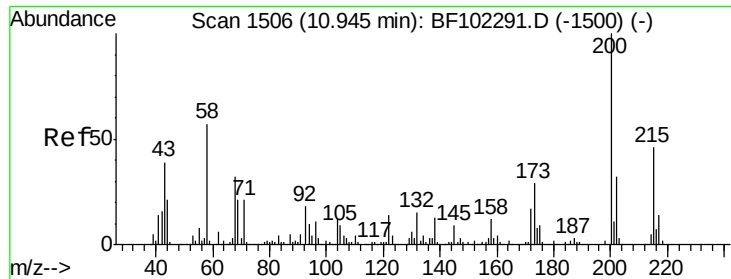
Sohil
 1/25/2018 5:30:42 PM



#67
 Hexachlorobenzene
 Concen: 36.180 ng m
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	151970		
142	38.5	34.6	52.0	
249	31.5	24.8	37.2	





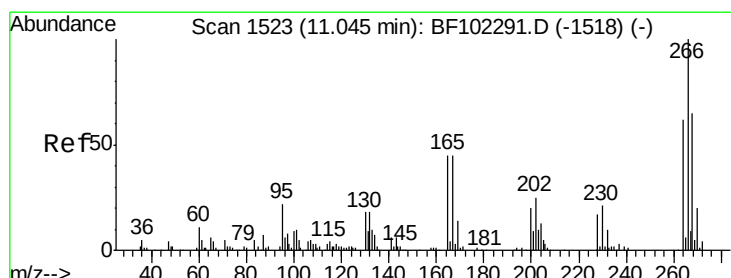
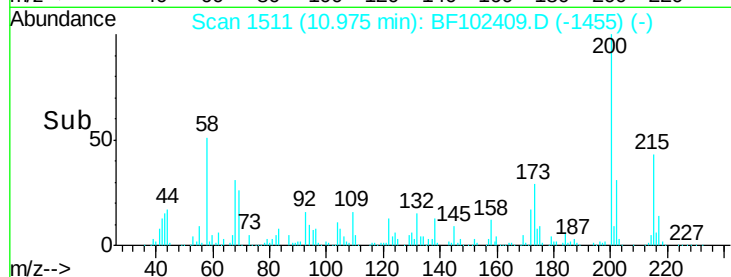
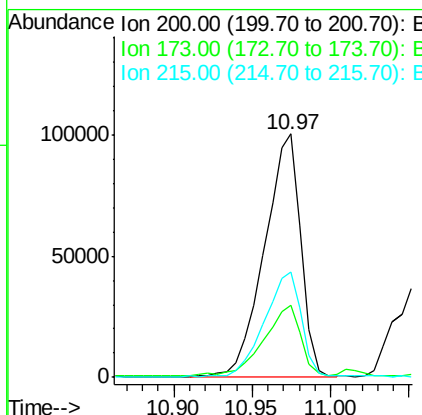
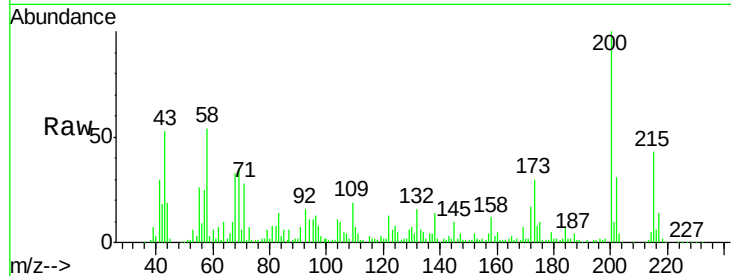
#68
 Atrazine
 Concen: 42.662 ng m
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.03 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161351		
173	29.6	8.6	48.6	
215	43.2	25.1	65.1	

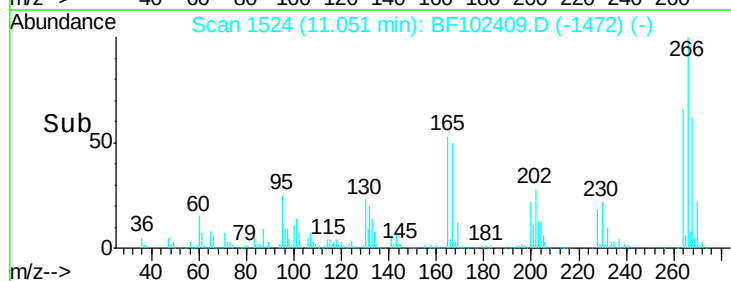
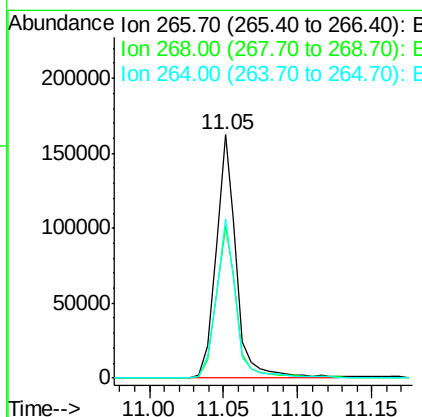
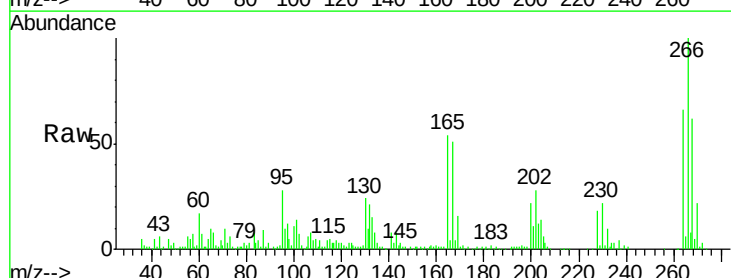
Manual Integrations
 APPROVED

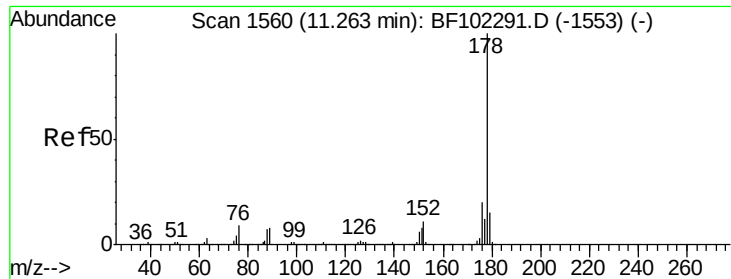
Sohil
 1/25/2018 5:30:42 PM



#69
 Pentachlorophenol
 Concen: 70.774 ng m
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	156166		
268	62.2	51.1	76.7	
264	65.6	49.5	74.3	





#70

Phenanthrene

Concen: 37.969 ng m

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

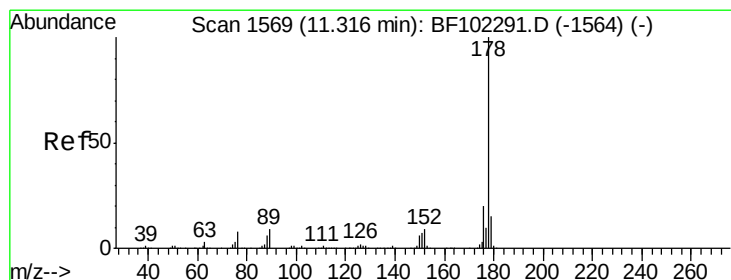
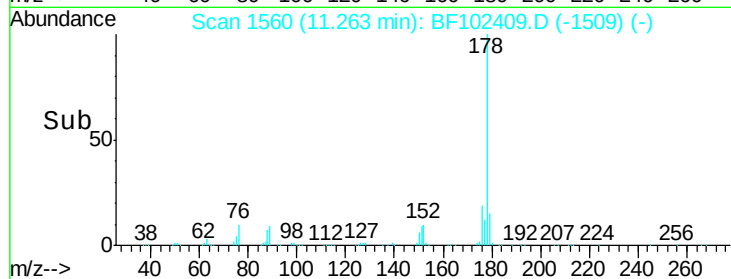
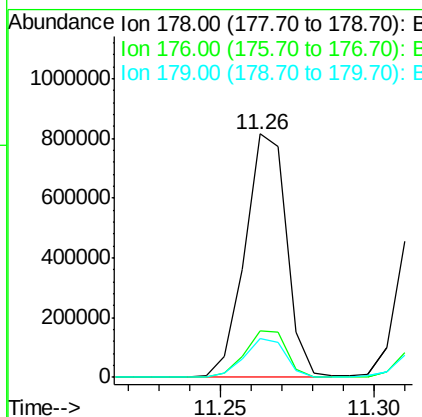
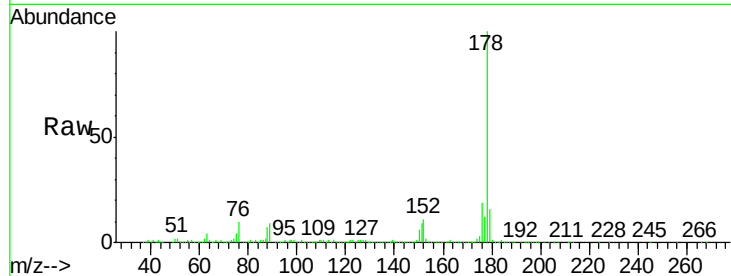
ClientSampled :

20A-5MSD

Tgt Ion:	178	Resp:	771935
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.8
179	15.8	13.0	19.6

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#71

Anthracene

Concen: 37.491 ng m

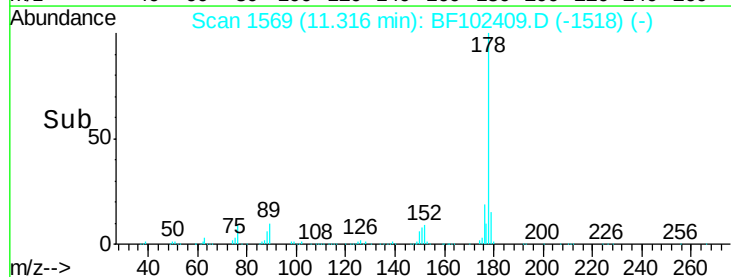
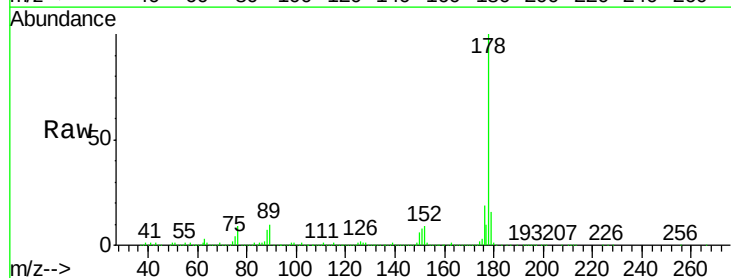
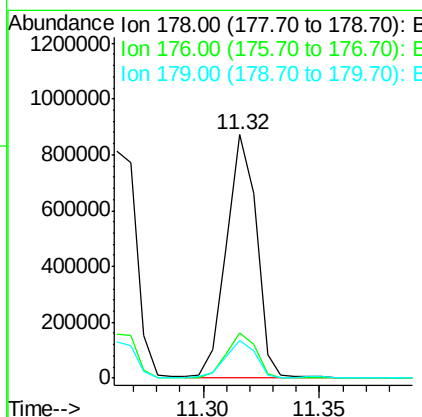
RT: 11.32 min Scan# 1569

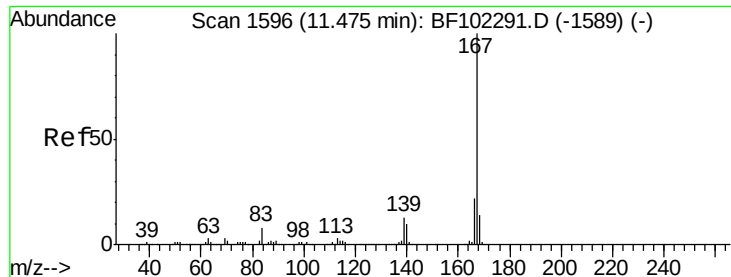
Delta R.T. -0.00 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion:	178	Resp:	777980
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.2
179	15.6	12.6	19.0





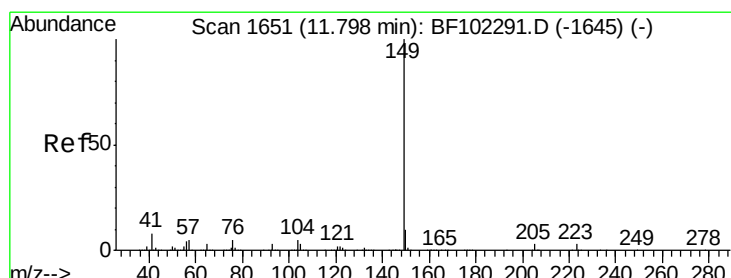
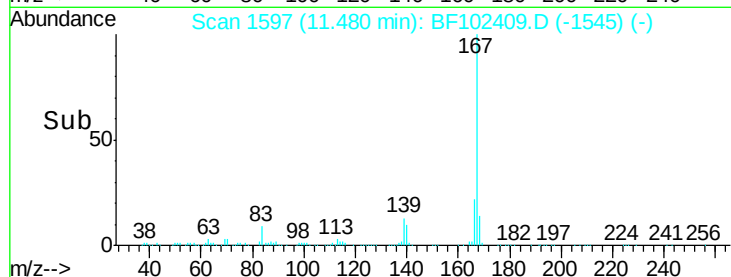
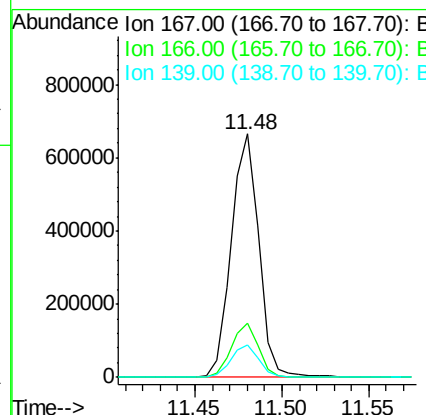
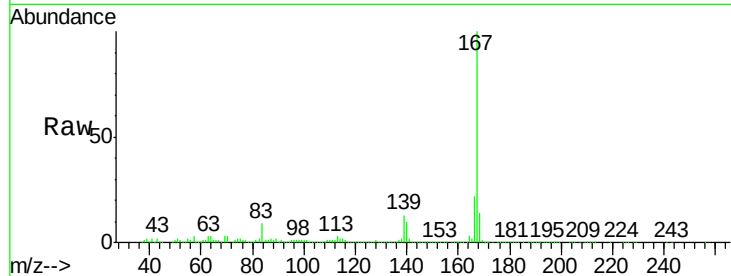
#72
 Carbazole
 Concen: 36.034 ng m
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.2	10.9	16.3

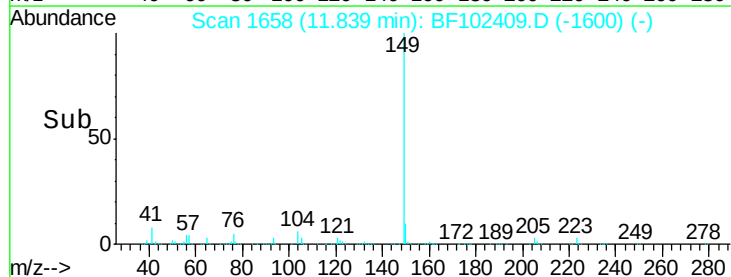
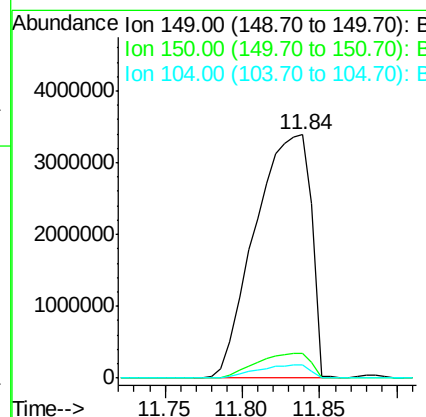
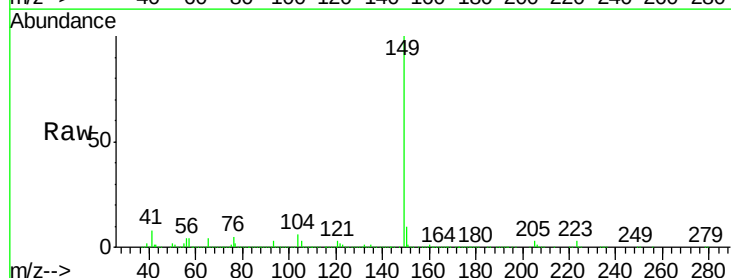
Manual Integrations
 APPROVED

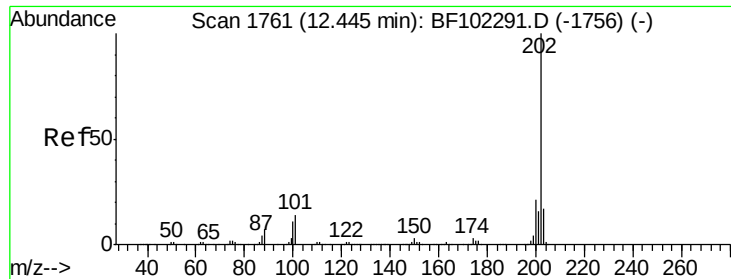
Sohil
 1/25/2018 5:30:42 PM



#73
 Di-n-butylphthalate
 Concen: 336.533 ng m
 RT: 11.84 min Scan# 1658
 Delta R.T. 0.04 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.5	3.8	5.8





#74

Fluoranthene

Concen: 31.492 ng m

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

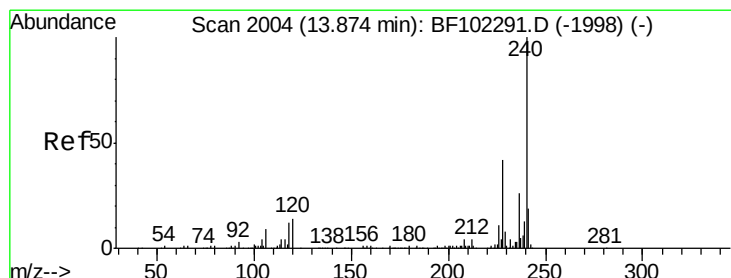
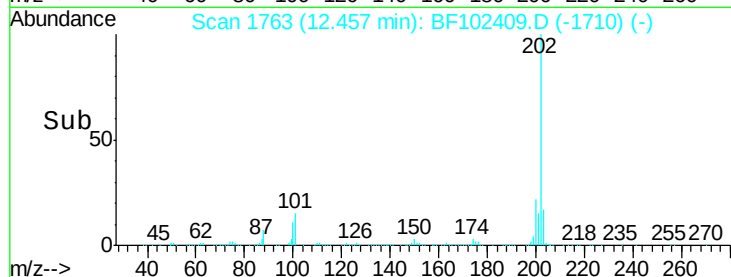
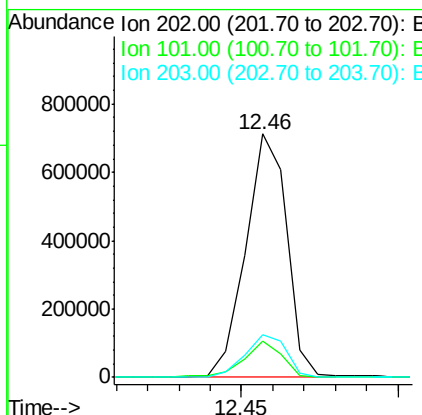
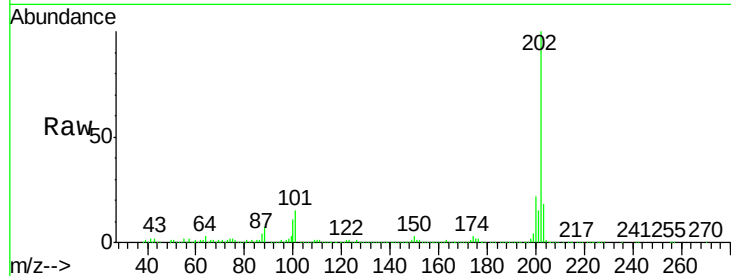
ClientSampleId :

20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	652888		
101	15.0	0.0	34.1	
203	17.5	0.0	38.1	

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM



#75

Chrysene-d12

Concen: 20.000 ng m

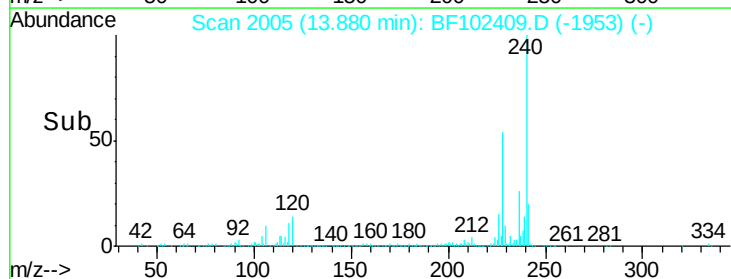
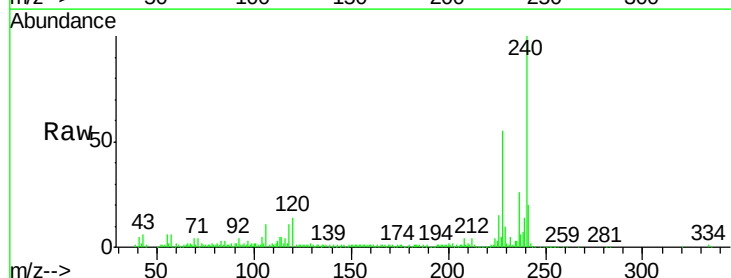
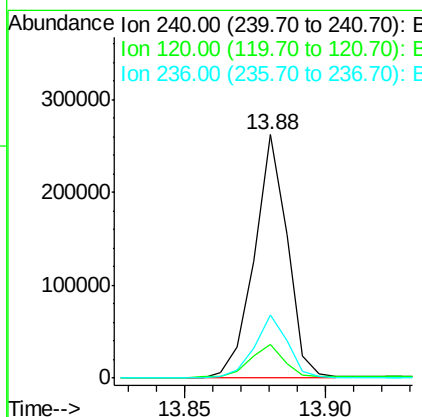
RT: 13.88 min Scan# 2005

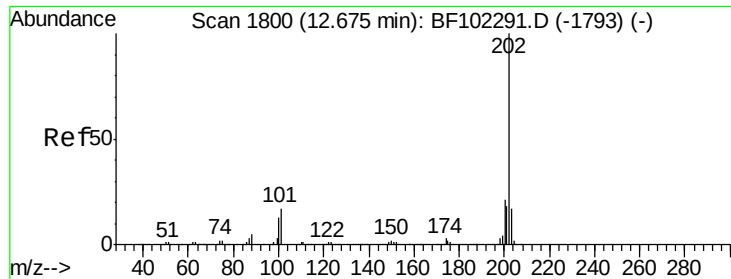
Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	216438		
120	14.1	9.5	14.3	
236	26.1	20.7	31.1	





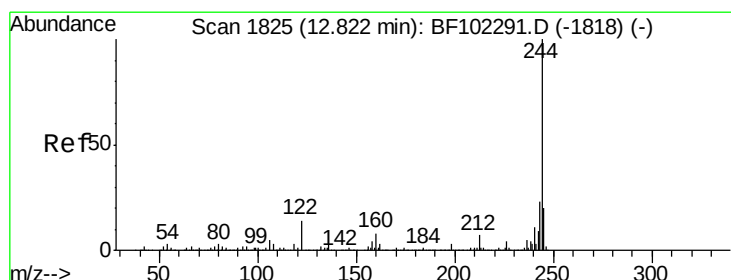
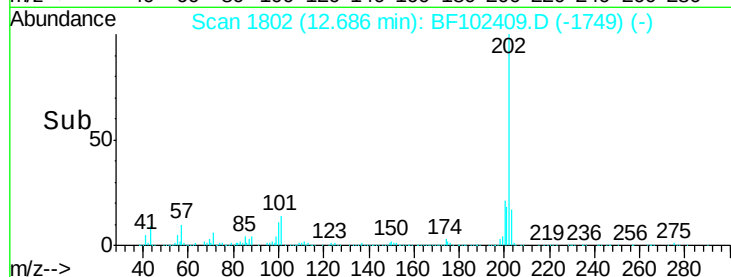
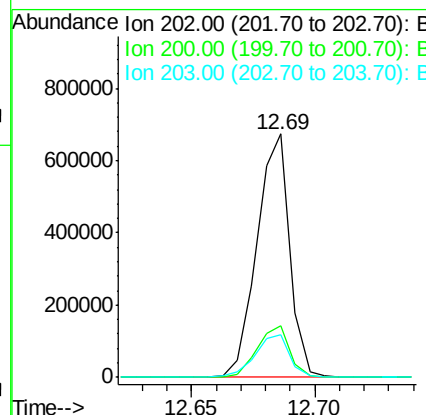
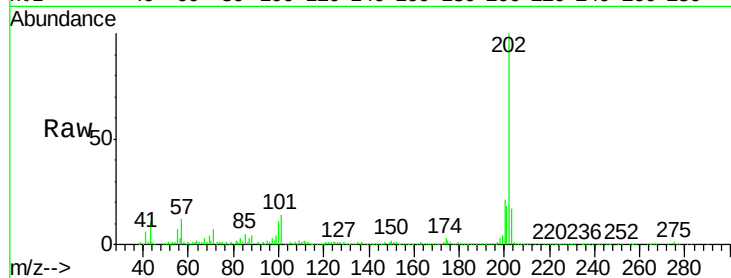
#77
 Pyrene
 Concen: 37.167 ng m
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5

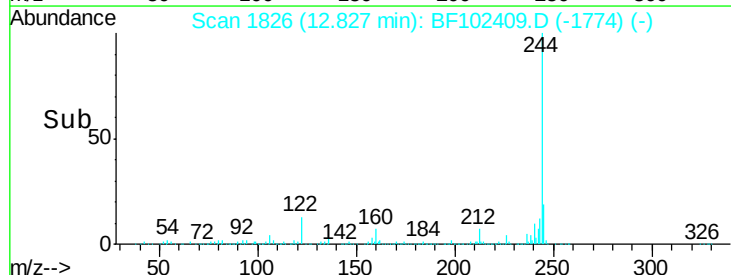
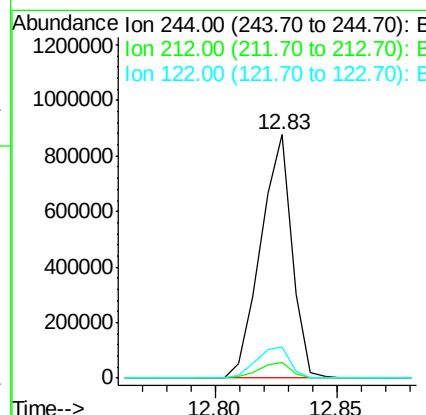
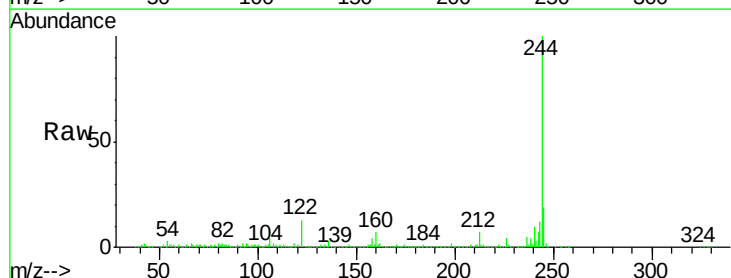
Manual Integrations
 APPROVED

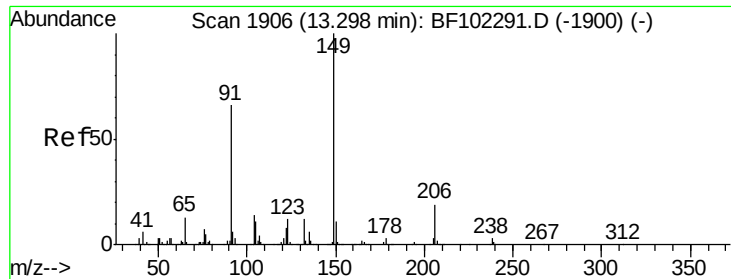
Sohil
 1/25/2018 5:30:42 PM



#78
 Terphenyl-d14
 Concen: 81.516 ng m
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.7	11.0	16.4





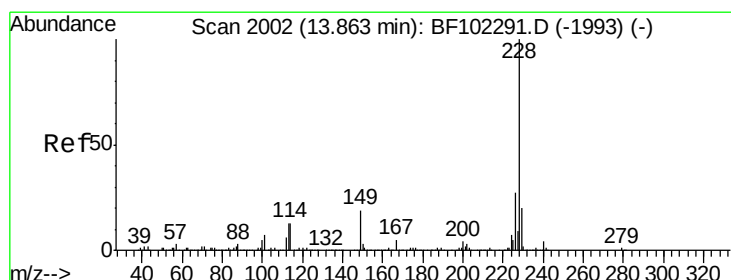
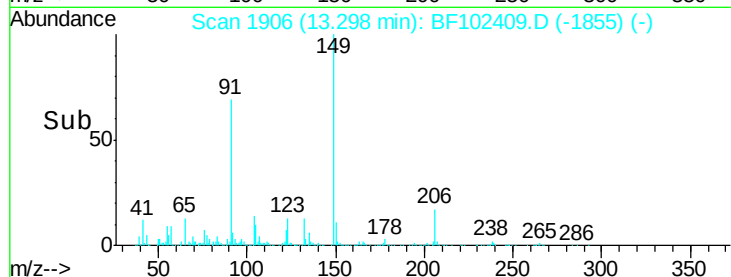
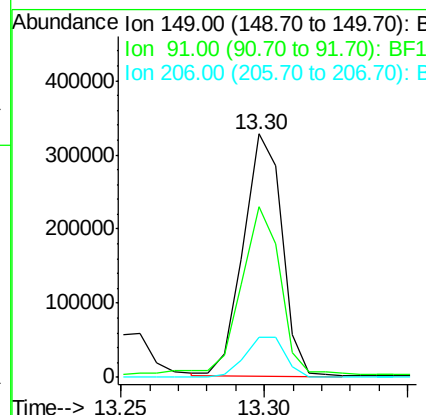
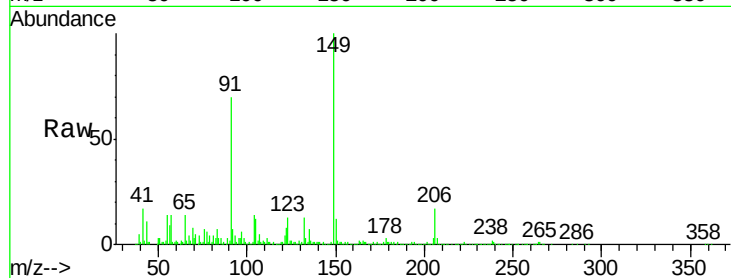
#79
Butylbenzylphthalate
Concen: 36.679 ng m
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	16.6	14.1	21.1

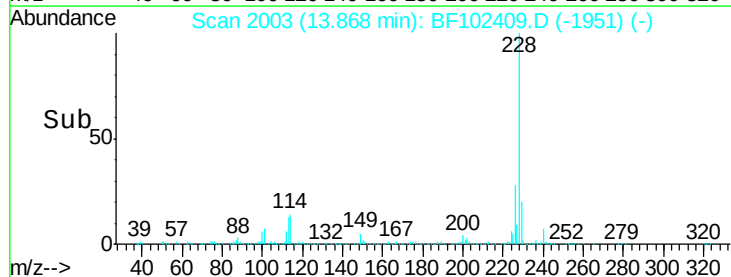
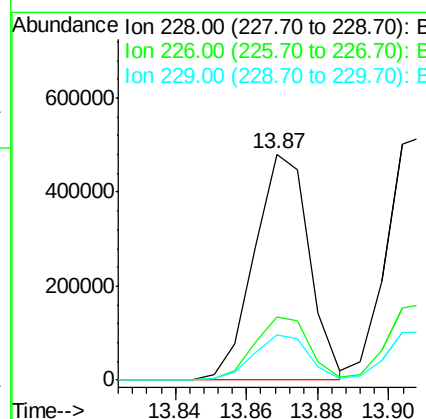
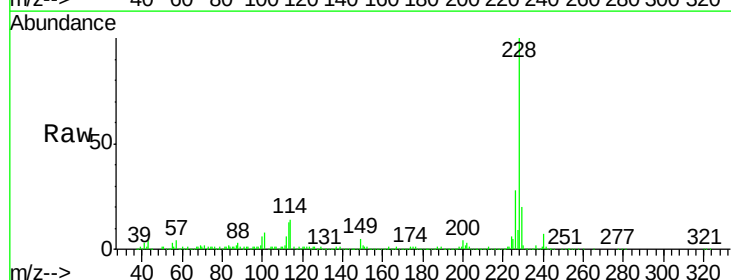
Manual Integrations
APPROVED

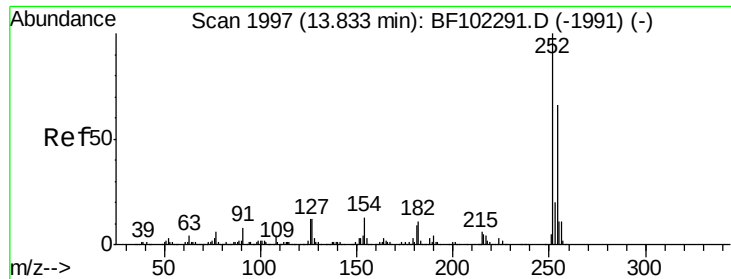
Sohil
1/25/2018 5:30:42 PM



#80
Benzo(a)anthracene
Concen: 38.617 ng m
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	15.8	23.6





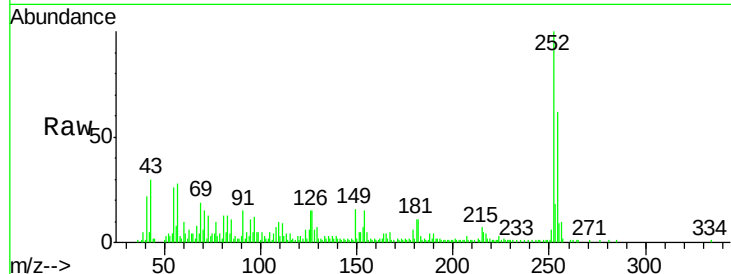
#81
 3,3'-Dichlorobenzidine
 Concen: 10.548 ng m
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

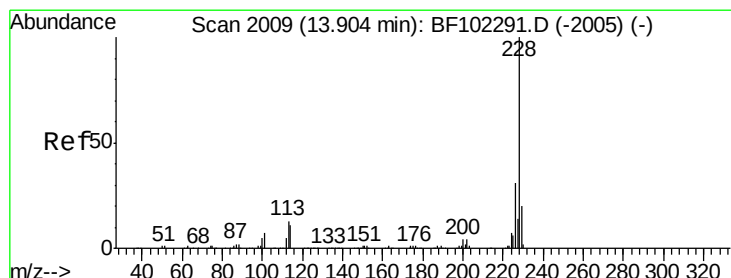
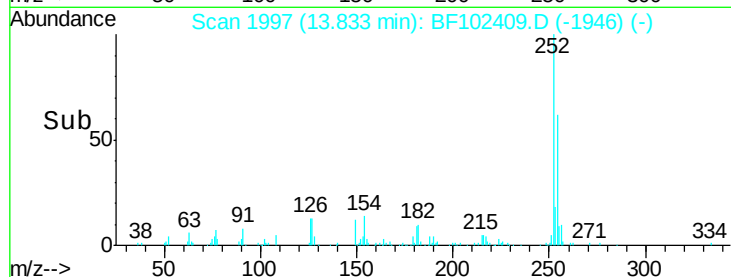
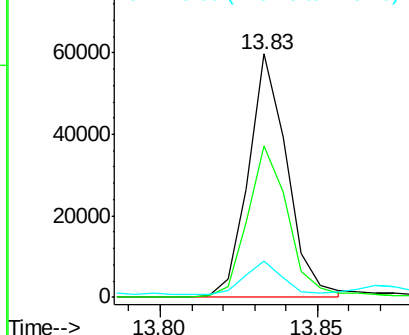
Tgt Ion:	252	Resp:	51560
Ion Ratio	Lower	Upper	
252	100		
254	62.0	50.4	75.6
126	14.7	11.3	16.9

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:30:42 PM



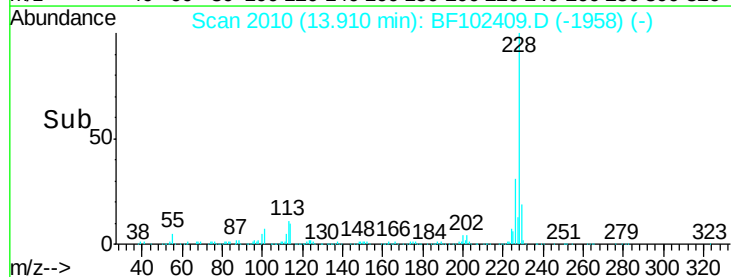
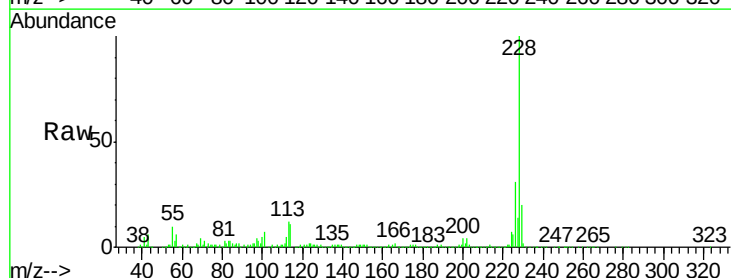
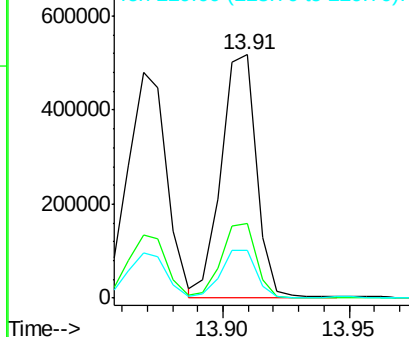
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

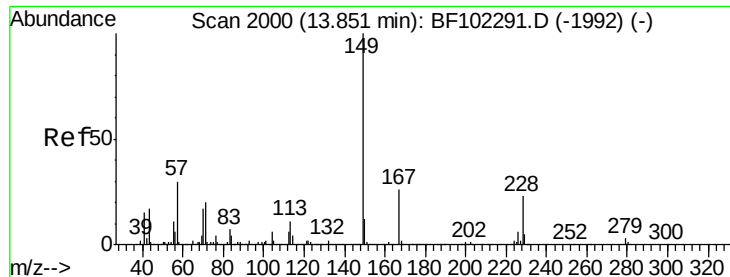


#82
 Chrysene
 Concen: 36.982 ng m
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion:	228	Resp:	500433
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	19.6	16.2	24.4

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





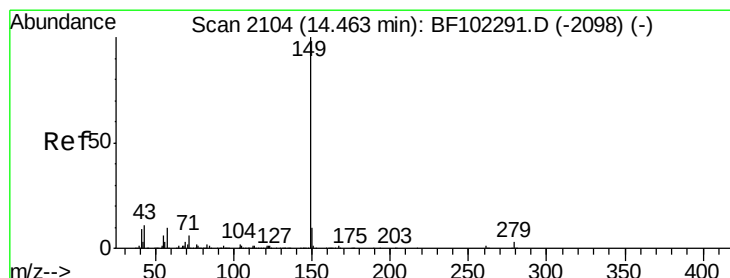
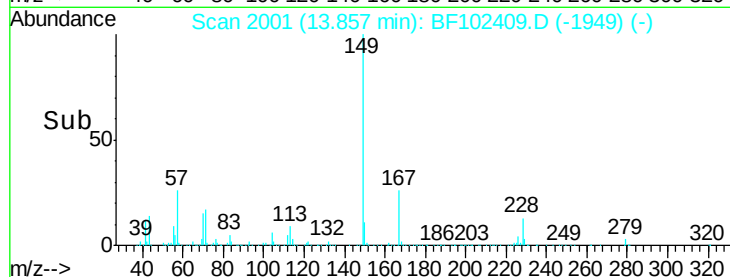
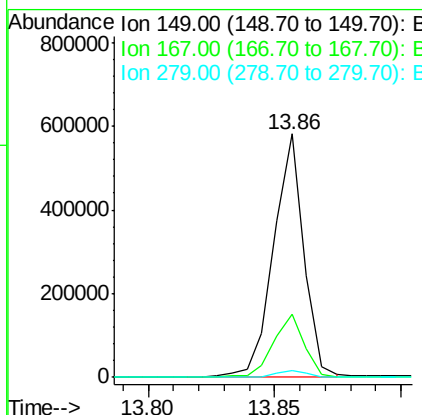
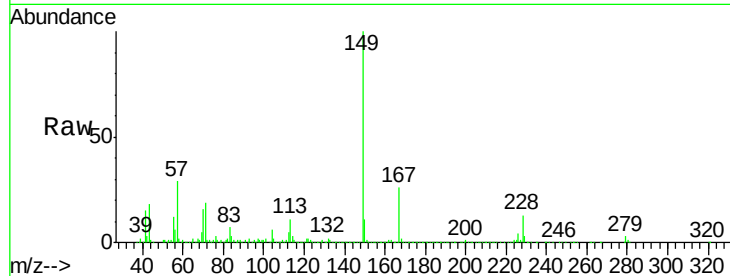
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.104 ng m
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.9	3.0	4.4#

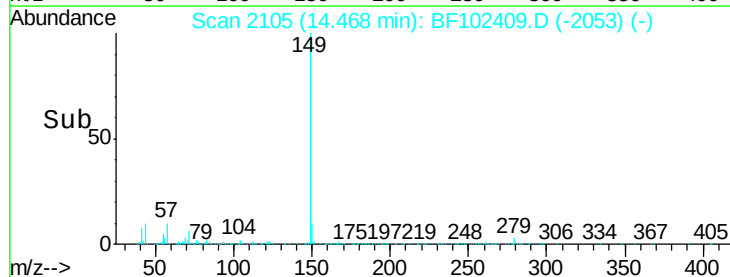
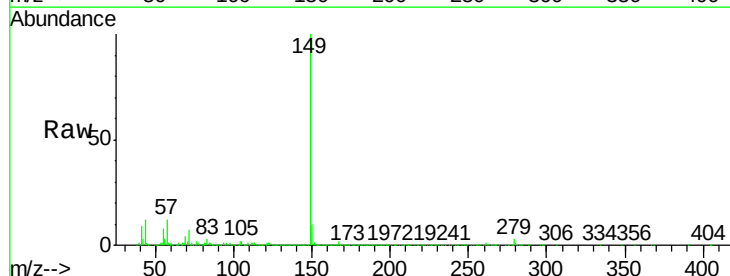
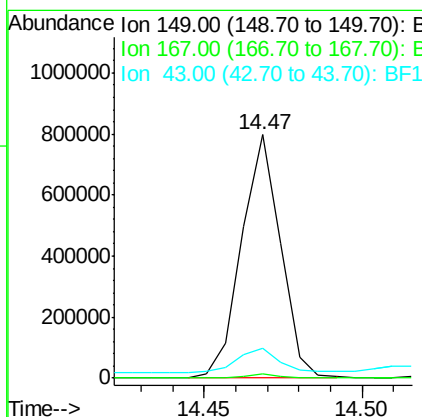
Manual Integrations
 APPROVED

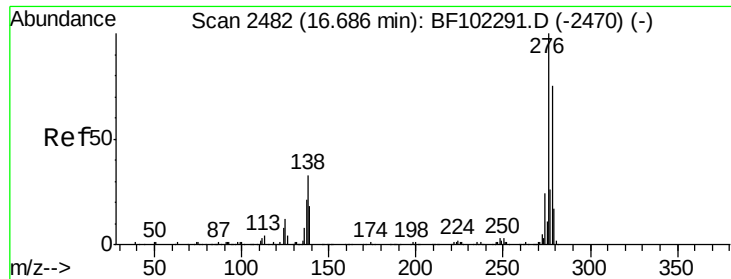
Sohil
 1/25/2018 5:30:42 PM



#84
 Di-n-octyl phthalate
 Concen: 37.445 ng m
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.1	1.2	1.8#
43	6.4	8.4	12.6#





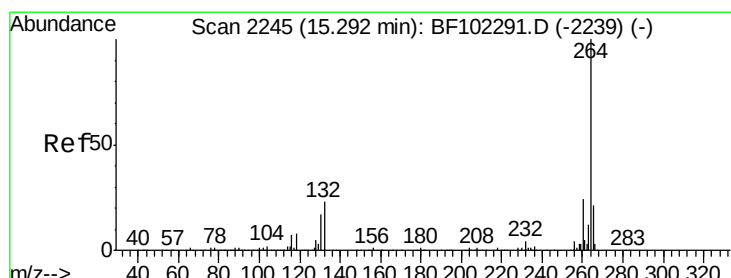
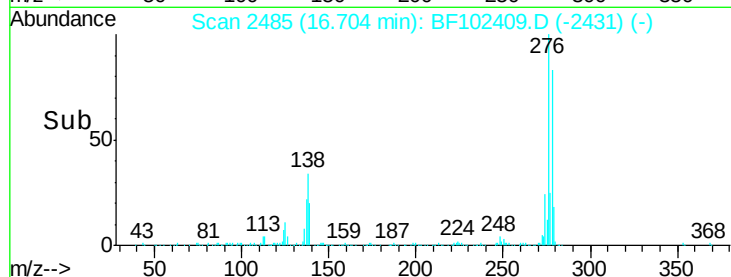
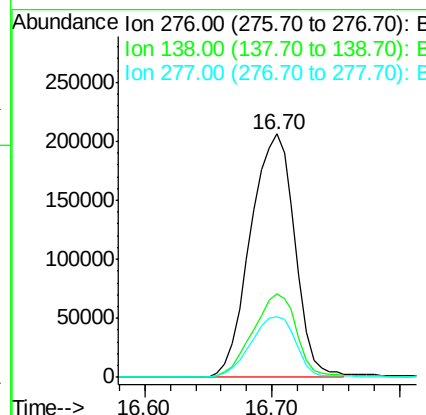
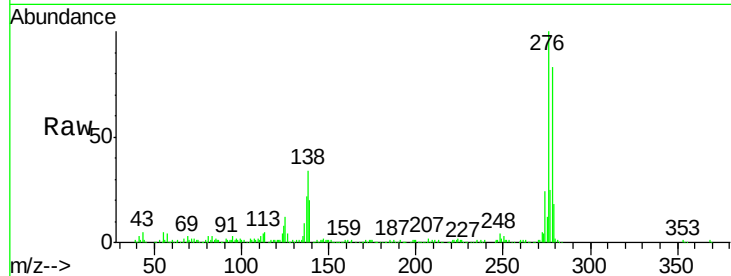
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.818 ng m
 RT: 16.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	500858		
138	0.1	25.0	37.6#	
277	0.0	20.1	30.1#	

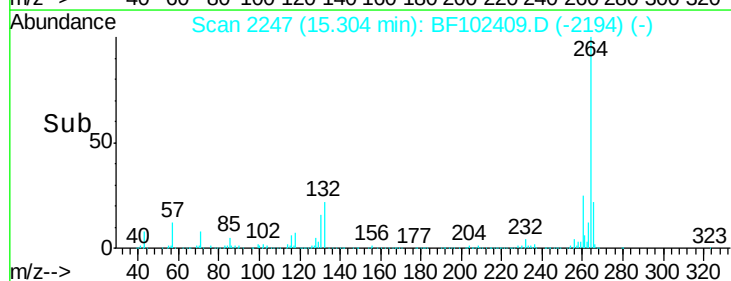
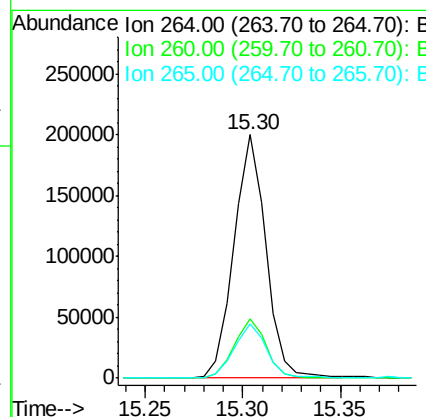
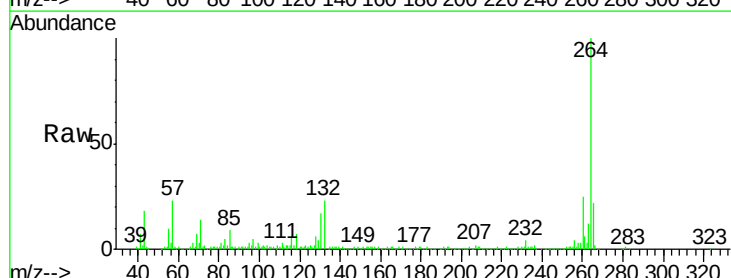
Manual Integrations
 APPROVED

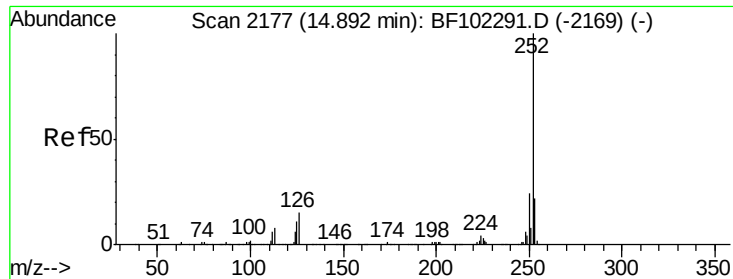
Sohil
 1/25/2018 5:30:42 PM



#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	227258		
260	24.5	19.2	28.8	
265	22.1	17.5	26.3	





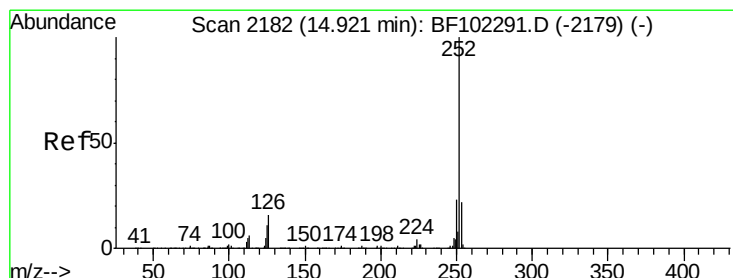
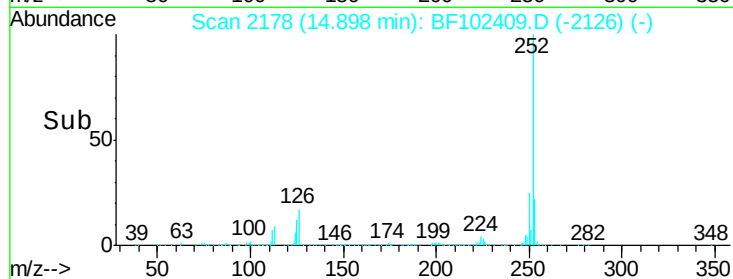
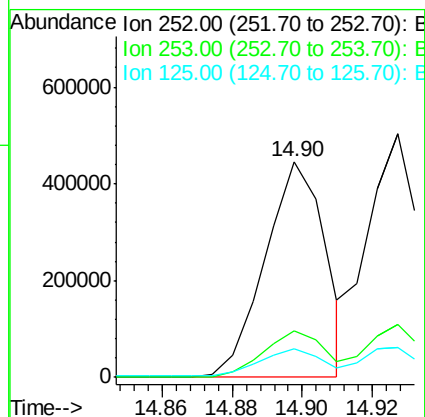
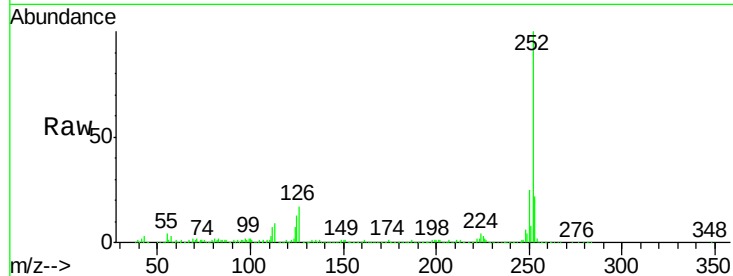
#87
Benzo(b)fluoranthene
Concen: 35.777 ng m
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Instrument :
BNA_F
ClientSampleId :
20A-5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	13.0	9.0	13.6

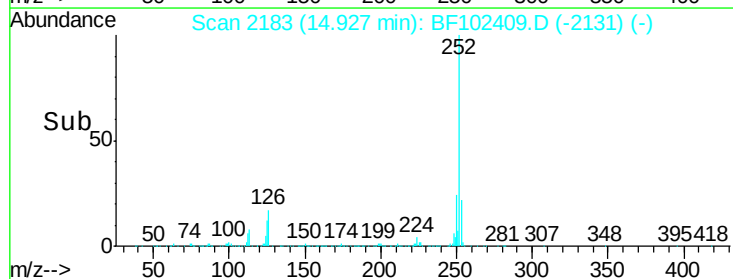
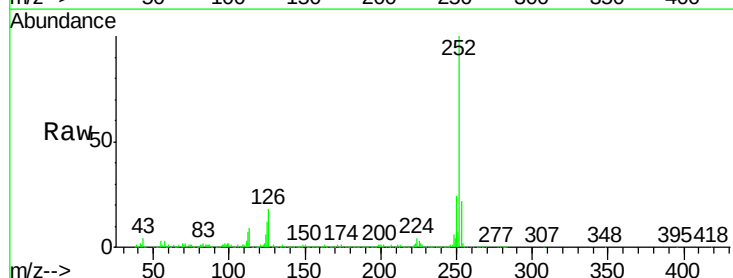
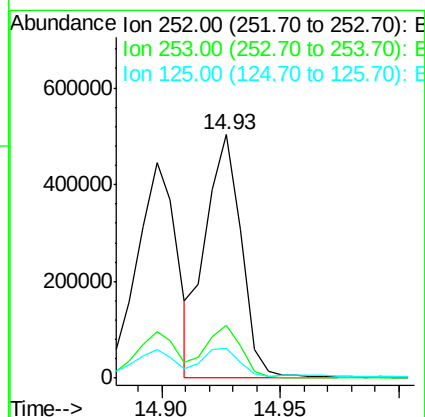
Manual Integrations
APPROVED

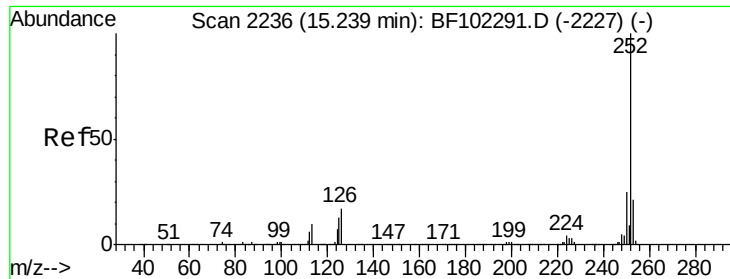
Sohil
1/25/2018 5:30:42 PM



#88
Benzo(k)fluoranthene
Concen: 37.449 ng m
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102409.D
Acq: 25 Jan 2018 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.572 ng m

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

Instrument :

BNA_F

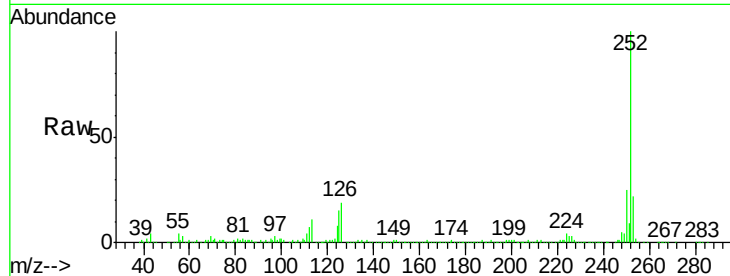
ClientSampleId :

20A-5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	15.0	9.8	14.6

Manual Integrations
APPROVED

Sohil
1/25/2018 5:30:42 PM

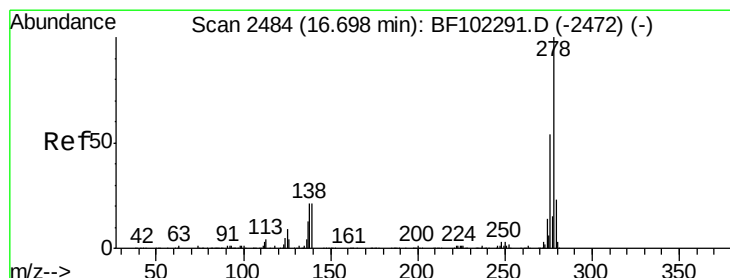
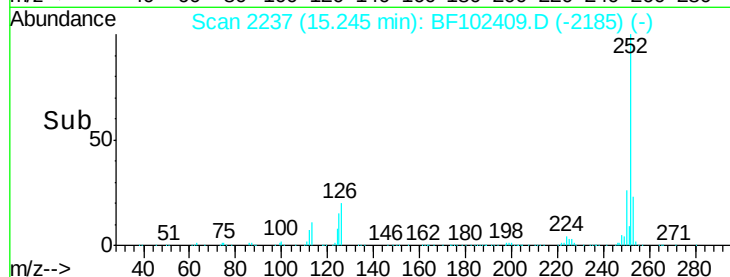
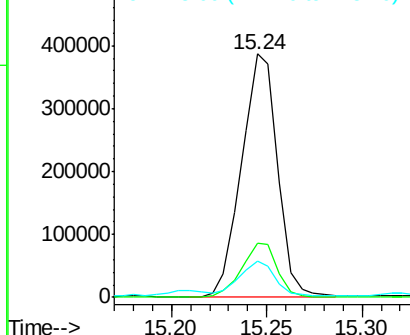


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.636 ng m

RT: 16.72 min Scan# 2487

Delta R.T. 0.02 min

Lab File: BF102409.D

Acq: 25 Jan 2018 00:08

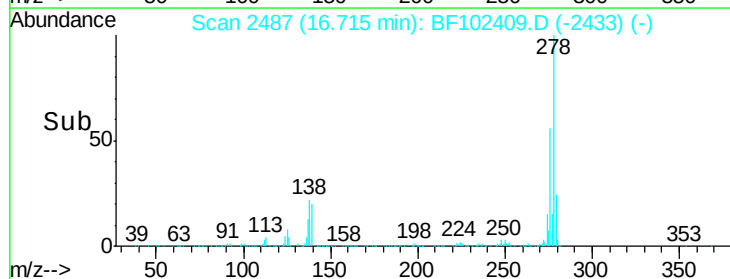
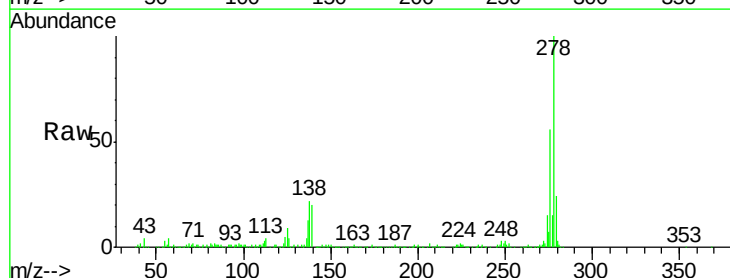
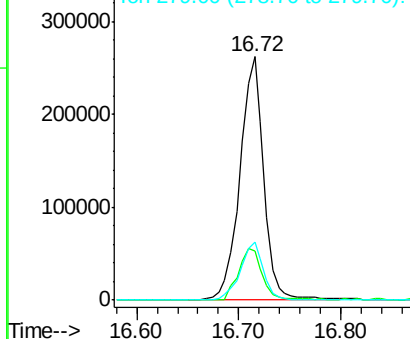
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	15.9	23.9
279	23.9	19.0	28.4

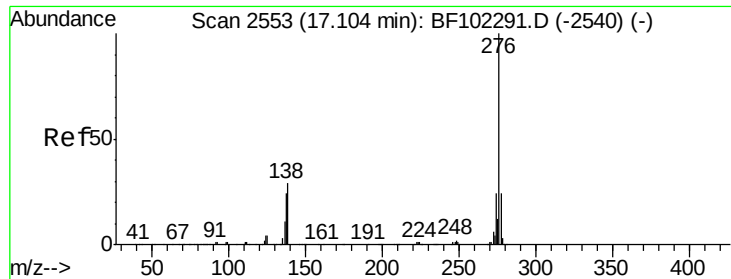
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 38.180 ng m
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.02 min
 Lab File: BF102409.D
 Acq: 25 Jan 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 20A-5MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	27.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:30:42 PM

