

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110068.D
 Acq On : 23 Oct 2018 00:50
 Operator : JU/SJ
 Sample : PB114045BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:19:02 PM

Quant Time: Oct 23 04:52:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173607	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	699828	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	312334	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	505750	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	318700	20.00	ng	-0.01
87) Perylene-d12	15.67	264	254968	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	613785	56.04	ng	0.00
7) Phenol-d6	6.59	99	772917	56.83	ng	-0.02
23) Nitrobenzene-d5	7.53	82	691486	66.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	160455	59.34	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1286721	65.74	ng	-0.01
79) Terphenyl-d14	13.09	244	988173	65.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	117776	18.934	ng	92
3) Pyridine	3.67	79	329705	23.774	ng	87
4) n-Nitrosodimethylamine	3.63	42	158440	28.006	ng	96
6) Aniline	6.63	93	325891	17.782	ng	# 53
8) 2-Chlorophenol	6.75	128	358081	29.188	ng	97
9) Benzaldehyde	6.52	77	201346	22.782	ng	98
10) Phenol	6.60	94	419820	28.592	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	325056	26.477	ng	92
12) 1,3-Dichlorobenzene	6.91	146	367823	27.343	ng	97
13) 1,4-Dichlorobenzene	6.99	146	371930	27.453	ng	98
14) 1,2-Dichlorobenzene	7.14	146	347474	27.852	ng	100
15) Benzyl Alcohol	7.10	79	297191	28.405	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	536809	26.640	ng	68
17) 2-Methylphenol	7.21	107	284058	28.714	ng	# 81
18) Hexachloroethane	7.48	117	127328	26.595	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	234546	26.860	ng	96
20) 3+4-Methylphenols	7.36	107	358783	28.580	ng	93
22) Acetophenone	7.37	105	470610	28.997	ng	# 97
24) Nitrobenzene	7.55	77	353280	31.303	ng	95
25) Isophorone	7.79	82	642926	31.496	ng	95
26) 2-Nitrophenol	7.87	139	163409	34.922	ng	89
27) 2,4-Dimethylphenol	7.89	122	322306	32.780	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	416228	29.711	ng	99
29) 2,4-Dichlorophenol	8.10	162	283519	29.725	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	301992	28.277	ng	98
31) Naphthalene	8.27	128	993819	30.968	ng	100
32) Benzoic acid	7.98	122	113627	18.548	ng	96
33) 4-Chloroaniline	8.32	127	218249	15.129	ng	95
34) Hexachlorobutadiene	8.39	225	167947	28.518	ng	100
35) Caprolactam	8.68	113	99968m	29.511	ng	
36) 4-Chloro-3-methylphenol	8.79	107	296733	29.490	ng	98
37) 2-Methylnaphthalene	8.97	142	678718	32.662	ng	97
38) 1-Methylnaphthalene	9.07	142	632864	31.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	290198	30.165	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110068.D
 Acq On : 23 Oct 2018 00:50
 Operator : JU/SJ
 Sample : PB114045BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

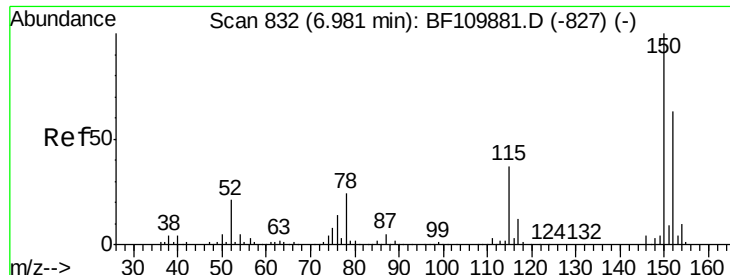
Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:19:02 PM

Quant Time: Oct 23 04:52:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	177466	38.220	nq	98
43) 2,4,6-Trichlorophenol	9.24	196	186408	30.988	nq	97
44) 2,4,5-Trichlorophenol	9.28	196	196085	31.407	nq	95
46) 1,1'-Biphenyl	9.43	154	816323	29.335	nq	99
47) 2-Chloronaphthalene	9.46	162	608848	29.703	nq	99
48) 2-Nitroaniline	9.55	65	189313	35.989	nq	96
49) Acenaphthylene	9.87	152	937203	31.473	nq	98
50) Dimethylphthalate	9.73	163	721246	32.612	nq	99
51) 2,6-Dinitrotoluene	9.79	165	150689	35.873	nq	90
52) Acenaphthene	10.05	154	585337	30.875	nq	96
53) 3-Nitroaniline	9.96	138	132560	25.943	nq	90
54) 2,4-Dinitrophenol	10.06	184	30466	29.141	nq	97
55) Dibenzofuran	10.22	168	814965	30.143	nq	95
56) 4-Nitrophenol	10.12	139	299681	76.863	nq	97
57) 2,4-Dinitrotoluene	10.20	165	189983	36.968	nq	# 80
58) Fluorene	10.56	166	623516	31.680	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	152720	30.865	nq	98
60) Diethylphthalate	10.43	149	689883	31.583	nq	98
61) 4-Chlorophenyl-phenylether	10.55	204	305186	29.768	nq	99
62) 4-Nitroaniline	10.57	138	140162	28.977	nq	91
63) Azobenzene	10.71	77	644604	28.248	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	28871	21.067	nq	97
66) n-Nitrosodiphenylamine	10.67	169	558527	33.158	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	180267	32.889	nq	98
68) Hexachlorobenzene	11.11	284	177774	30.416	nq	96
69) Atrazine	11.19	200	178925	34.005	nq	99
70) Pentachlorophenol	11.30	266	142923	42.968	nq	96
71) Phenanthrene	11.53	178	834388	31.868	nq	100
72) Anthracene	11.58	178	867296	32.948	nq	99
73) Carbazole	11.73	167	723824	27.979	nq	99
74) Di-n-butylphthalate	12.05	149	967631	33.515	nq	99
75) Fluoranthene	12.72	202	763553	29.192	nq	98
77) Benzidine	12.84	184	436878	35.753	nq	98
78) Pyrene	12.95	202	744994	31.827	nq	99
80) Butylbenzylphthalate	13.56	149	341367	36.072	nq	95
81) Benzo(a)anthracene	14.14	228	590516	31.457	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	177301	26.941	nq	94
83) Chrysene	14.17	228	560489	31.368	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	461588	37.069	nq	96
85) Di-n-octyl phthalate	14.73	149	700884	39.923	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	429500	29.854	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	464972	31.632	nq	98
89) Benzo(k)fluoranthene	15.24	252	472767	32.630	nq	# 98
90) Benzo(a)pyrene	15.60	252	432182	31.968	nq	97
91) Dibenzo(a,h)anthracene	17.24	278	365032	30.467	nq	98
92) Benzo(g,h,i)perylene	17.70	276	342408	28.286	nq	# 95

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



#1

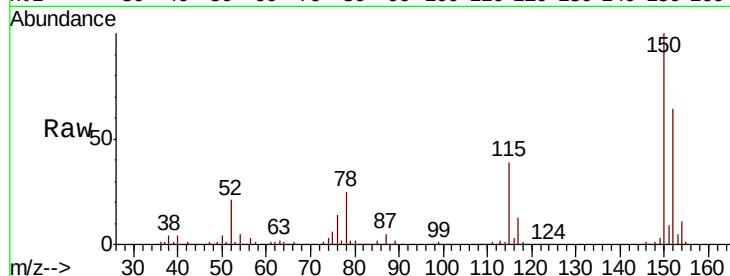
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	61.4	49.1	73.7

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:19:02 PM

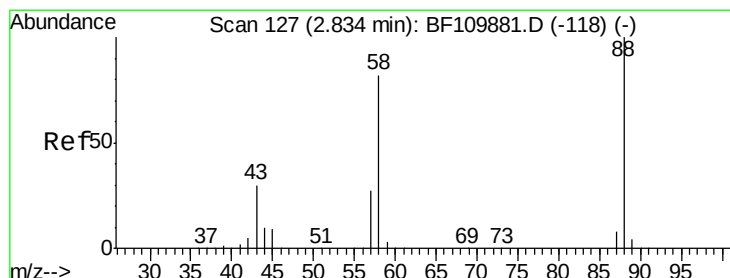
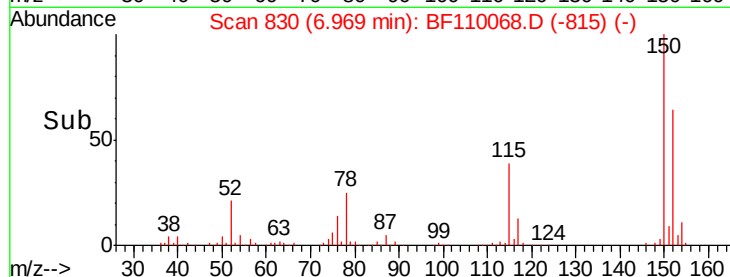
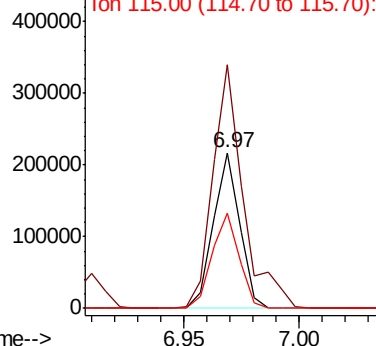


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

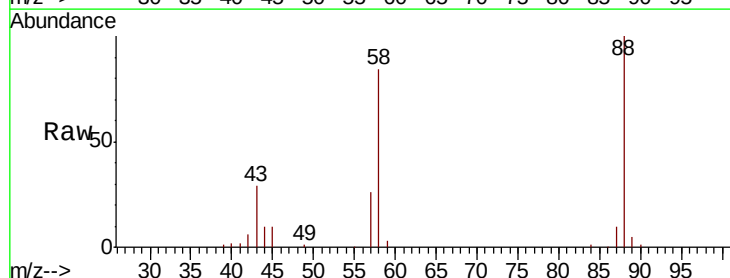
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 18.934 ng
 RT: 2.92 min Scan# 142
 Delta R.T. 0.08 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	57.1	85.7
43	30.4	24.1	36.1

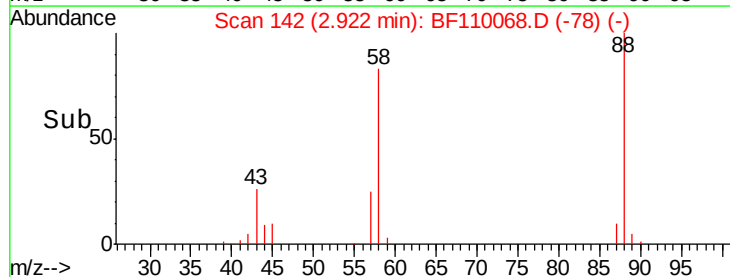
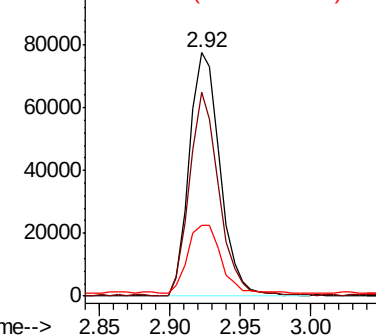


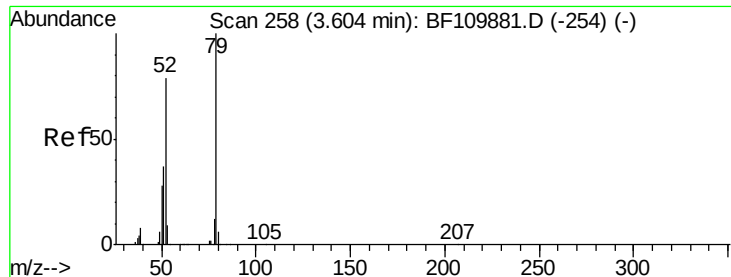
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.774 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.06 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

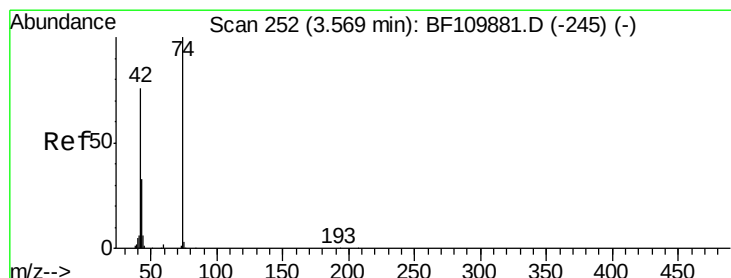
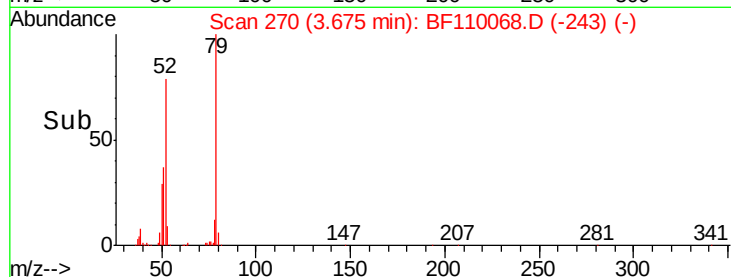
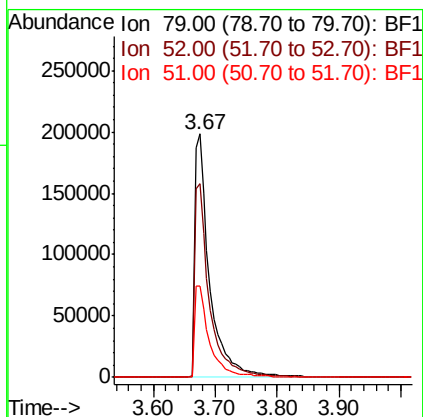
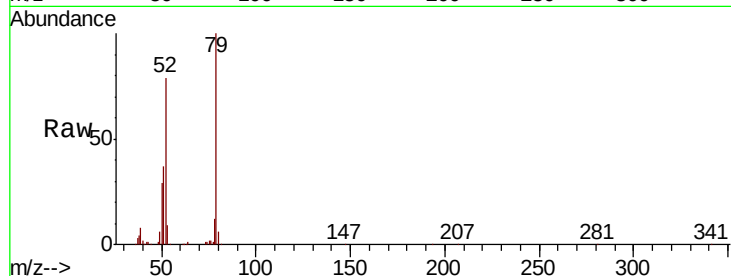
ClientSampleId :

PB114045BSD

Tot Ion:	79	Resp:	329705
Ion	Ratio	Lower	Upper
79	100		
52	79.4	53.1	79.7
51	37.3	27.4	41.2

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#4

n-Nitrosodimethylamine

Concen: 28.006 ng

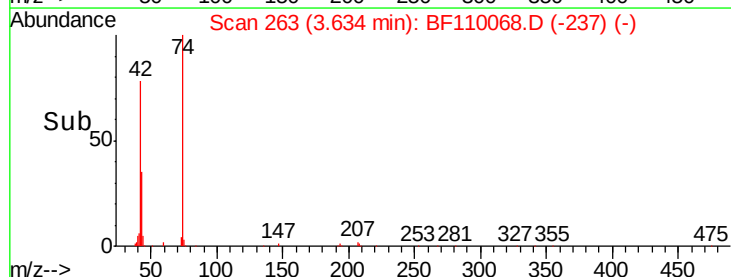
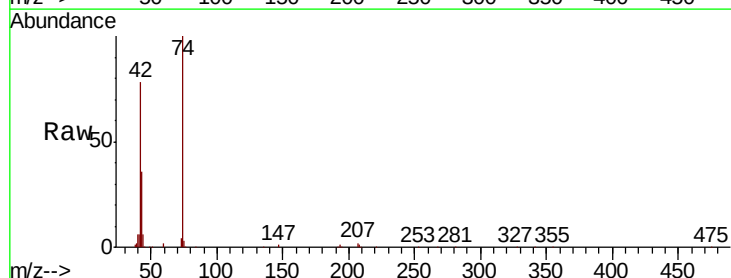
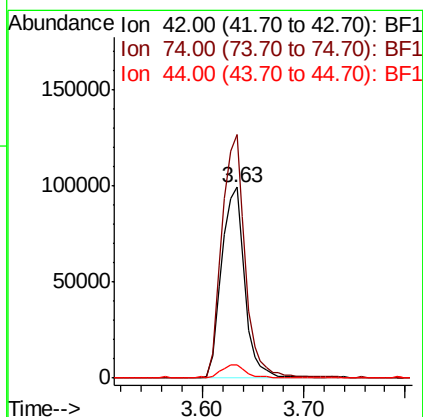
RT: 3.63 min Scan# 263

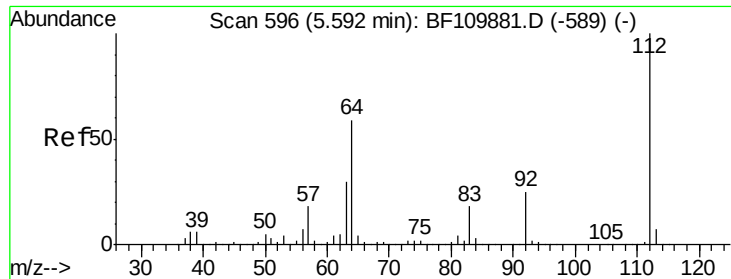
Delta R.T. 0.05 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	42	Resp:	158440
Ion	Ratio	Lower	Upper
42	100		
74	127.5	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 56.042 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

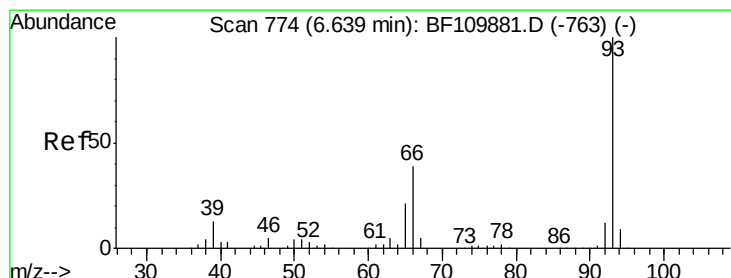
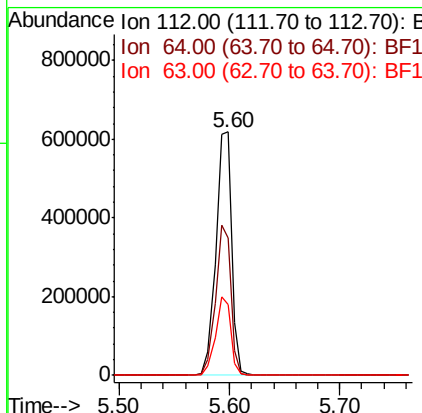
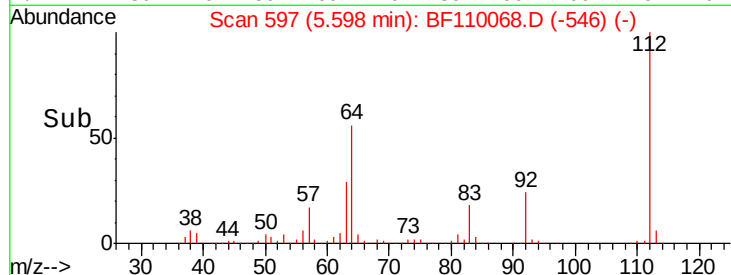
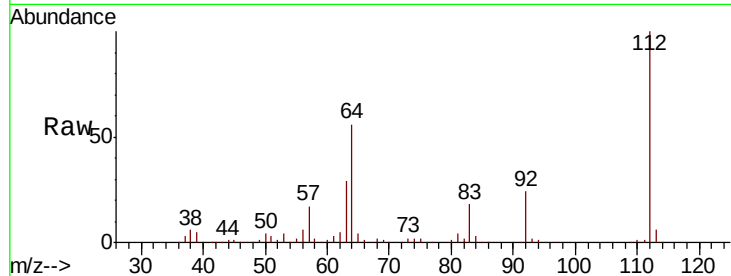
ClientSampleId :

PB114045BSD

Tot Ion:	112	Resp:	613785
Ion Ratio	Lower	Upper	
112	100		
64	56.4	44.1	66.1
63	29.2	23.7	35.5

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#6

Aniline

Concen: 17.782 ng

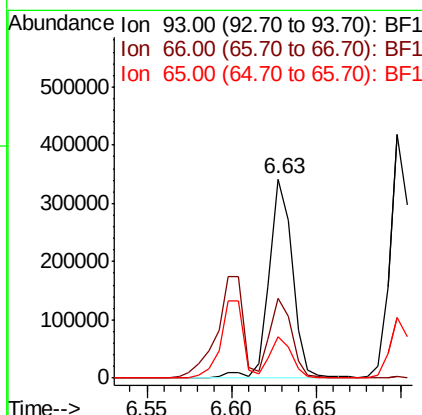
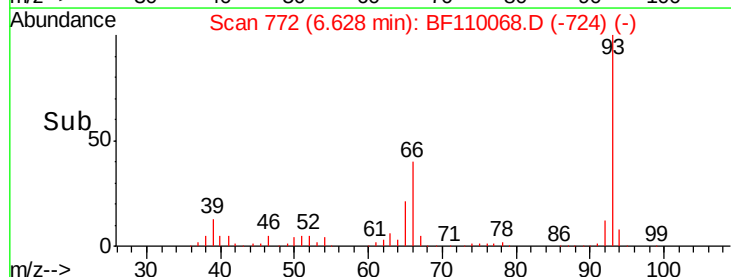
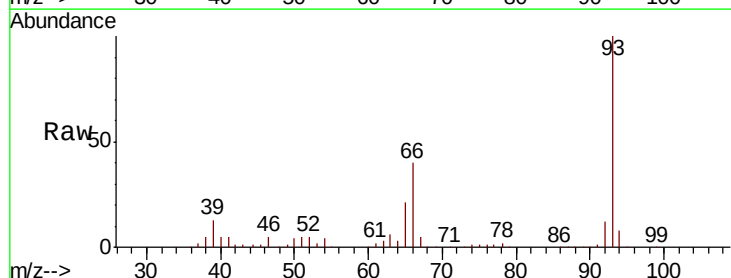
RT: 6.63 min Scan# 772

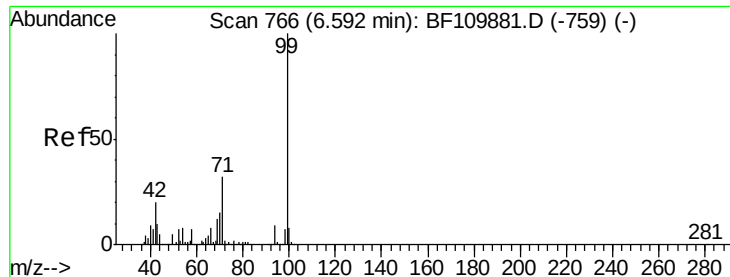
Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	93	Resp:	325891
Ion Ratio	Lower	Upper	
93	100		
66	40.4	67.4	101.0#
65	20.6	41.0	61.4#





#7

Phenol-d6

Concen: 56.833 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

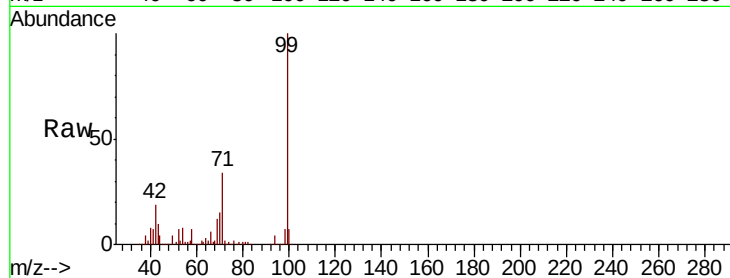
ClientSampleId :

PB114045BSD

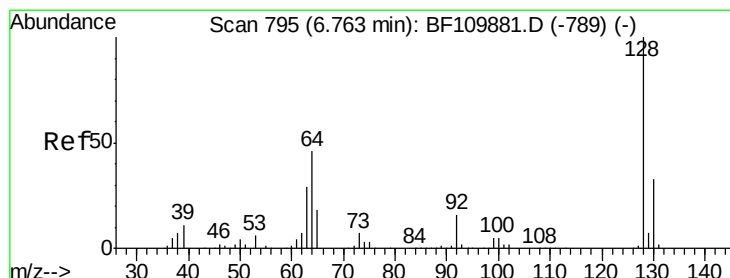
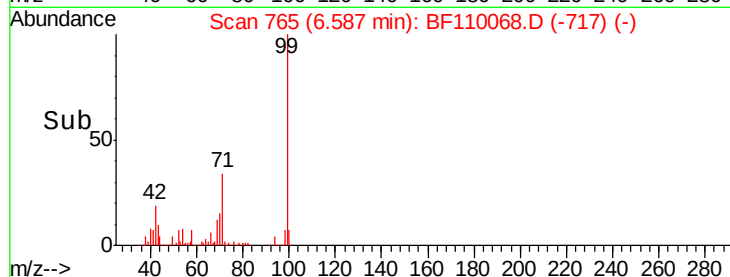
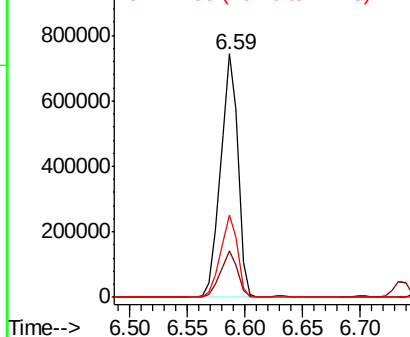
Tot Ion:	99	Resp:	772917
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.8	23.6
71	33.7	28.0	42.0

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 29.188 ng

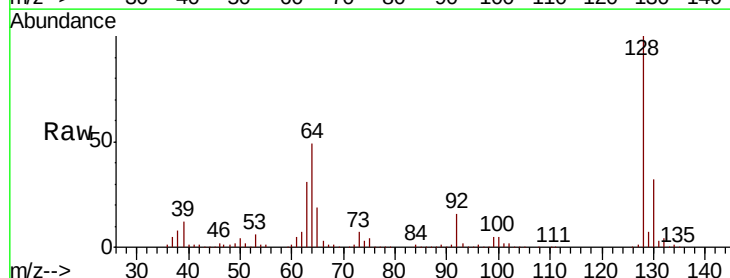
RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

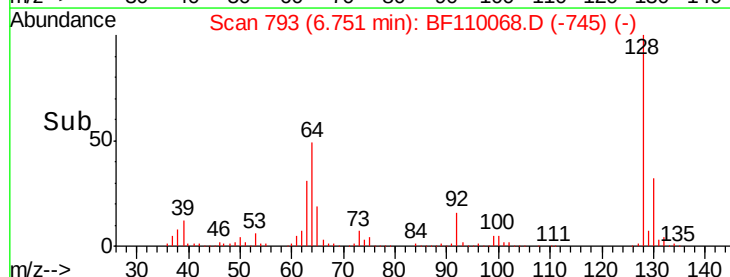
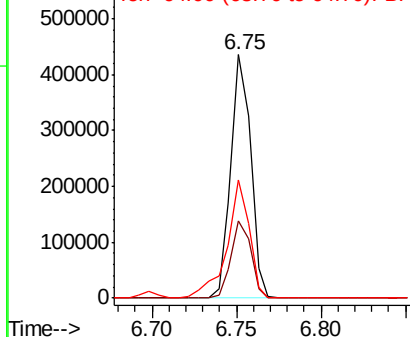
Lab File: BF110068.D

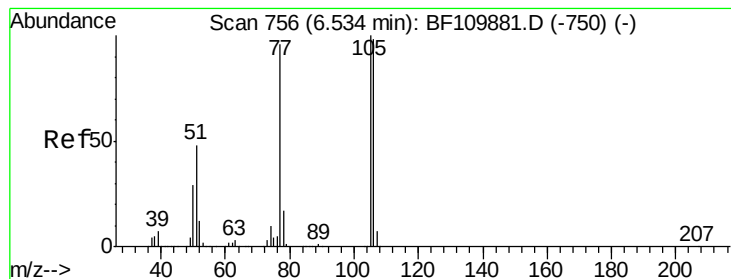
Acq: 23 Oct 2018 00:50

Tgt Ion:	128	Resp:	358081
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.1	53.1
64	48.7	26.0	66.0



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.782 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

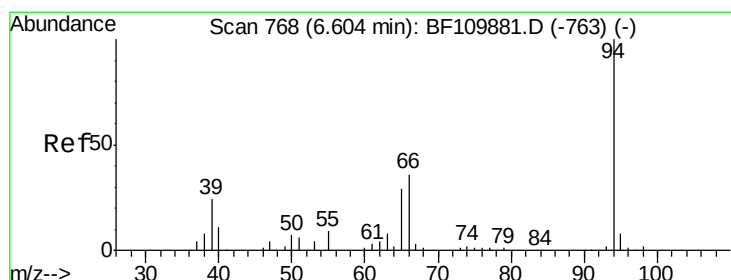
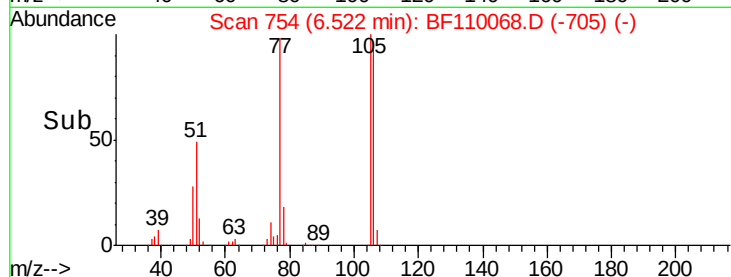
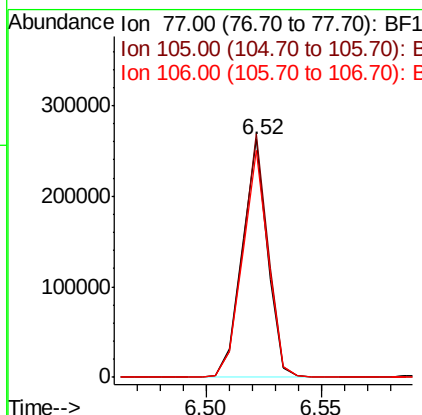
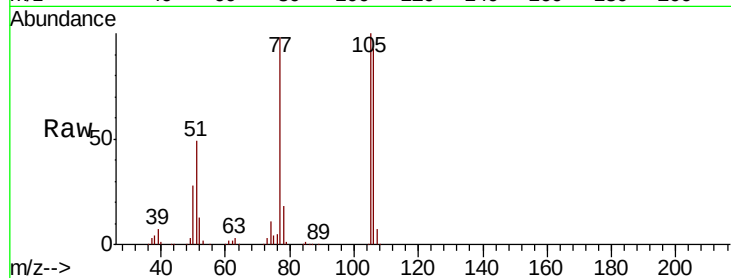
ClientSampleId :

PB114045BSD

Tot Ion	77	Resp	201346
Ion	Ratio	Lower	Upper
77	100		
105	102.3	78.6	118.6
106	95.4	74.8	114.8

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#10

Phenol

Concen: 28.592 ng

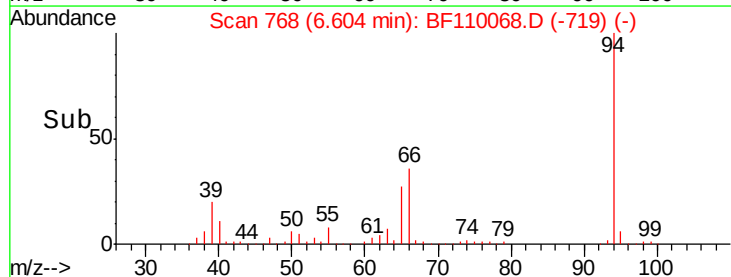
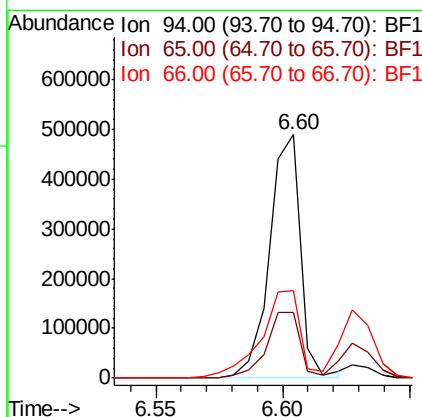
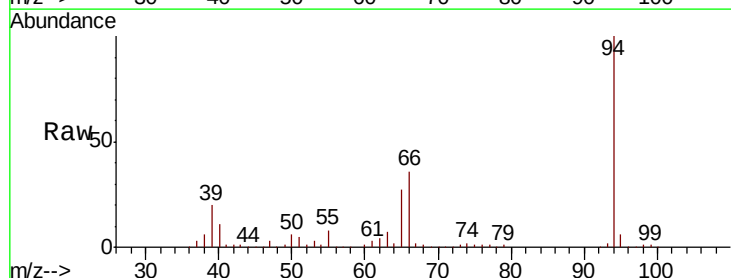
RT: 6.60 min Scan# 768

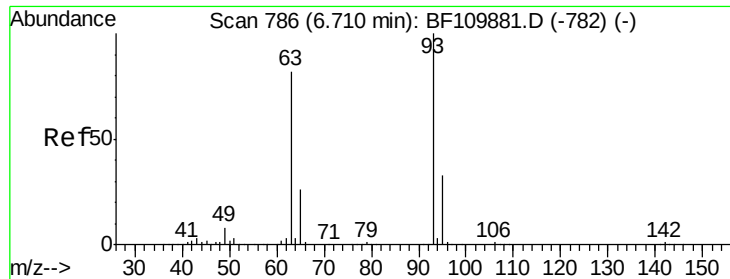
Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion	94	Resp	419820
Ion	Ratio	Lower	Upper
94	100		
65	27.0	25.3	65.3
66	35.7	54.5	94.5#





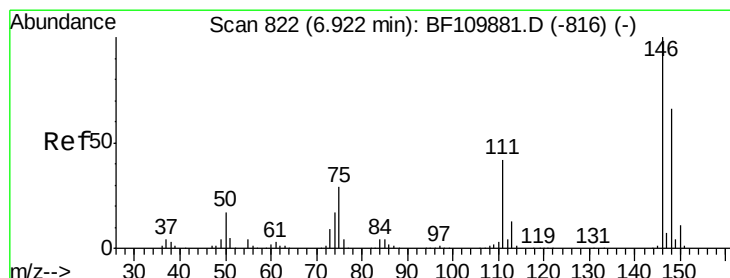
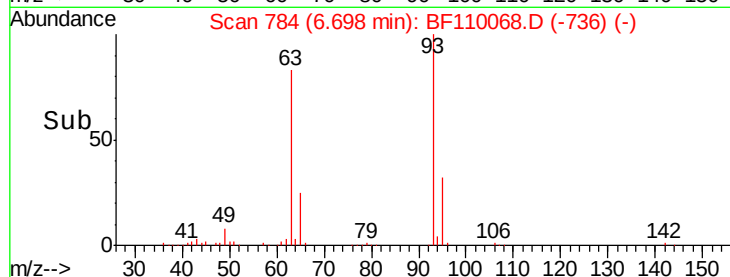
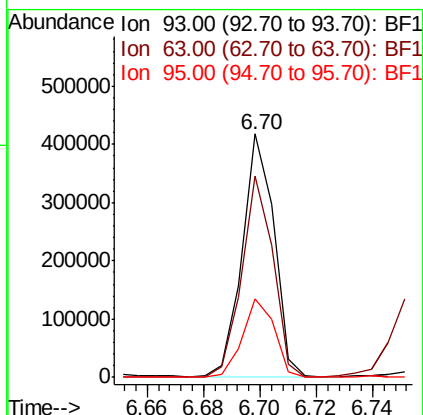
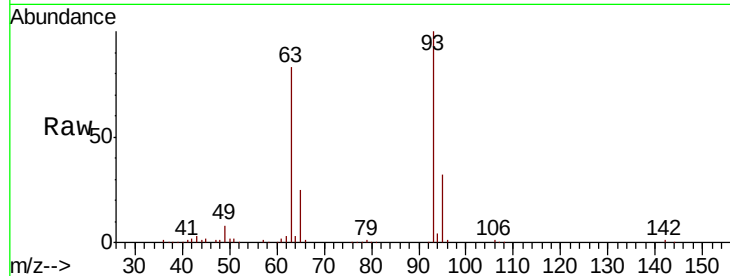
#11
bis(2-Chloroethyl)ether
Concen: 26.477 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	53.4	93.4
95	32.5	12.1	52.1

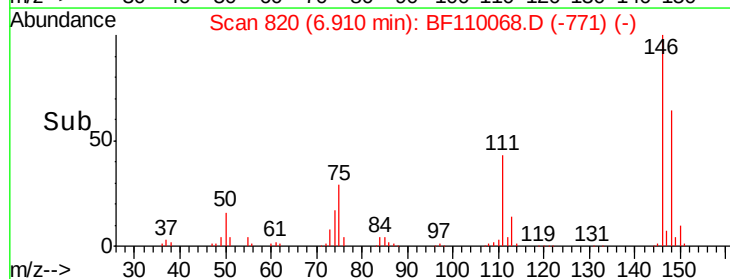
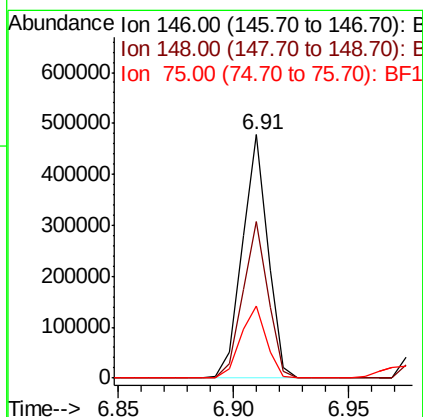
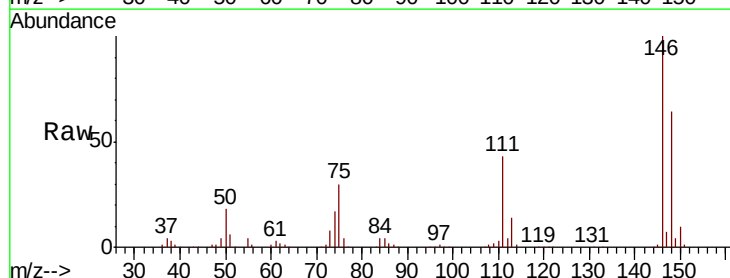
Manual Integrations
APPROVED

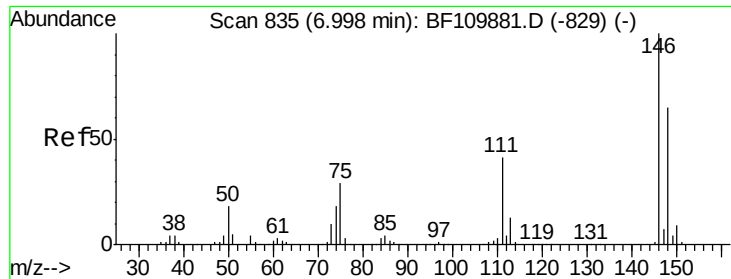
Sohil
10/23/2018 2:19:02 PM



#12
1,3-Dichlorobenzene
Concen: 27.343 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
75	29.5	25.8	38.6





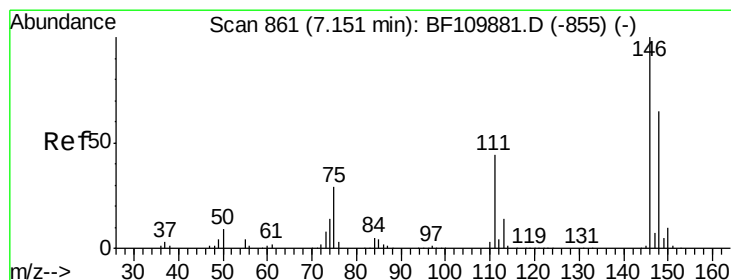
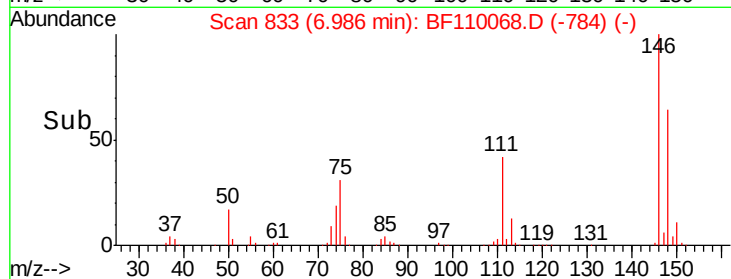
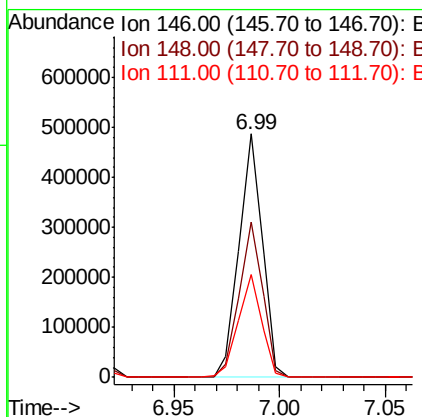
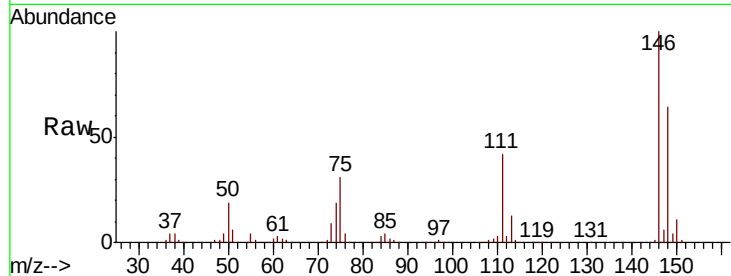
#13
 1,4-Dichlorobenzene
 Concen: 27.453 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		371930		
148	63.8	50.3	75.5		
111	42.3	32.7	49.1		

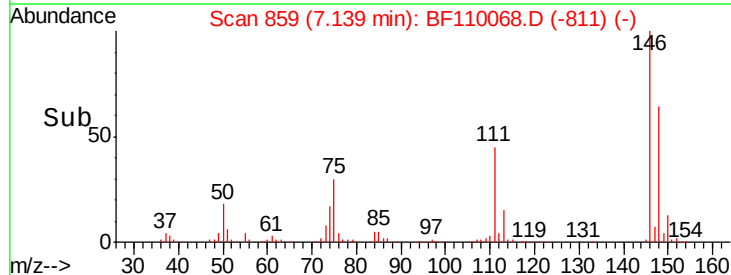
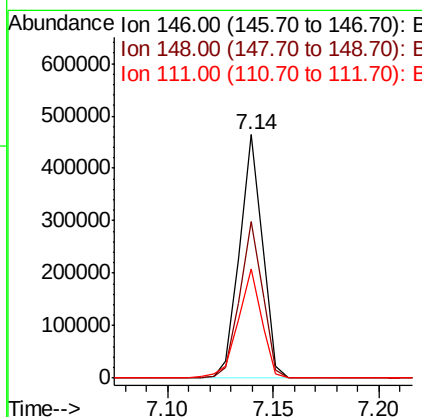
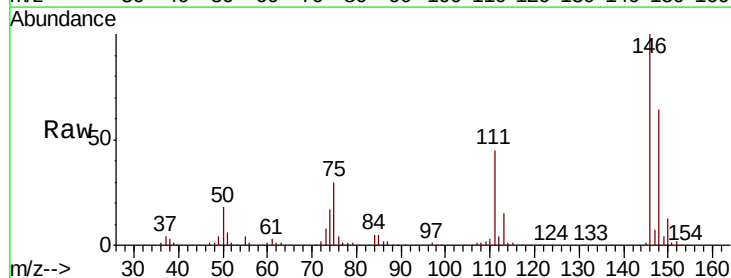
Manual Integrations
 APPROVED

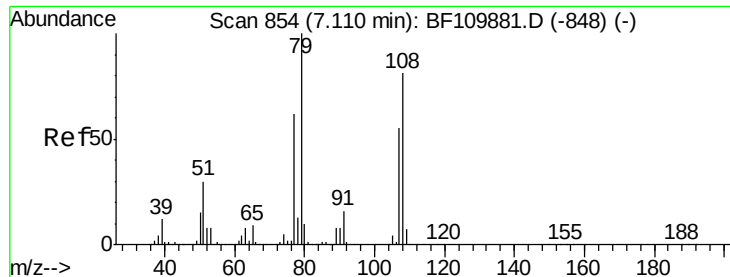
Sohil
 10/23/2018 2:19:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 27.852 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		347474		
148	64.4	51.1	76.7		
111	44.7	35.8	53.6		





#15

Benzyl Alcohol

Concen: 28.405 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

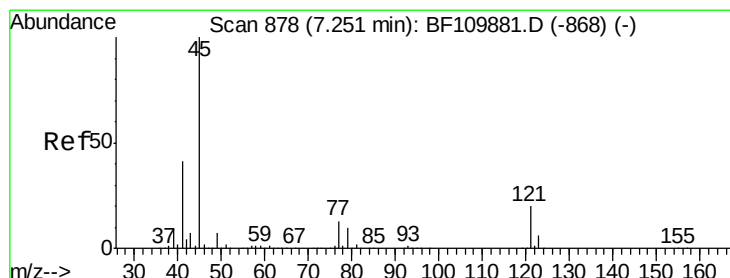
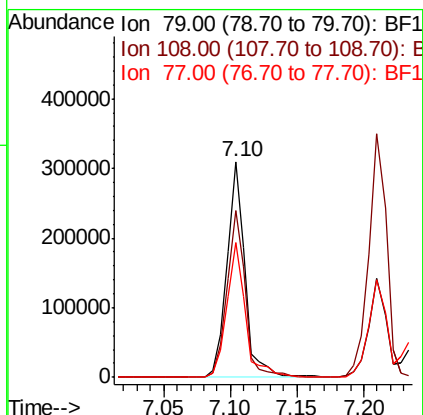
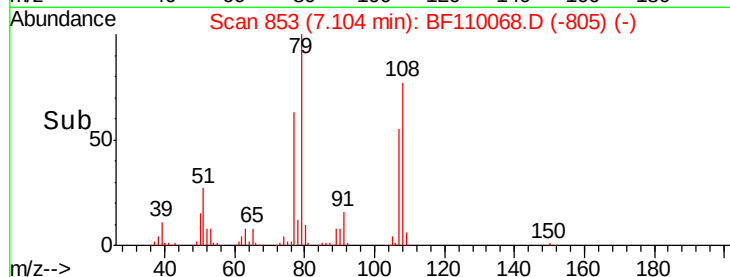
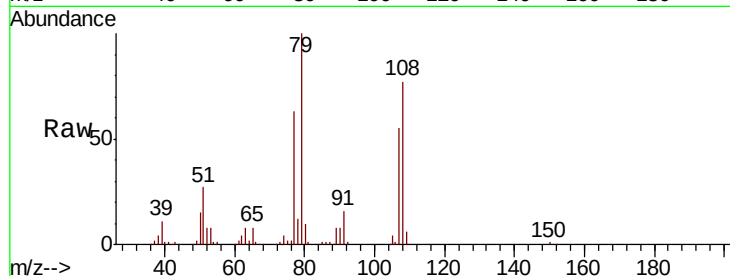
ClientSampleId :

PB114045BSD

Tot Ion:	79	Resp:	297191
Ion Ratio	Lower	Upper	
79	100		
108	77.4	56.3	84.5
77	62.5	52.9	79.3

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.640 ng

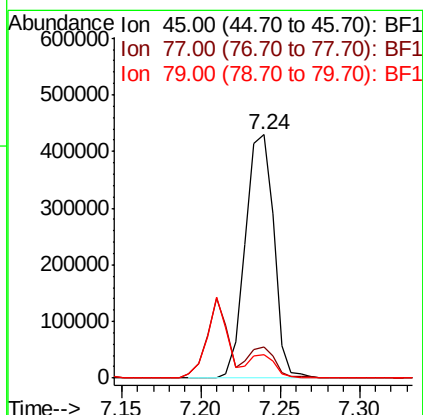
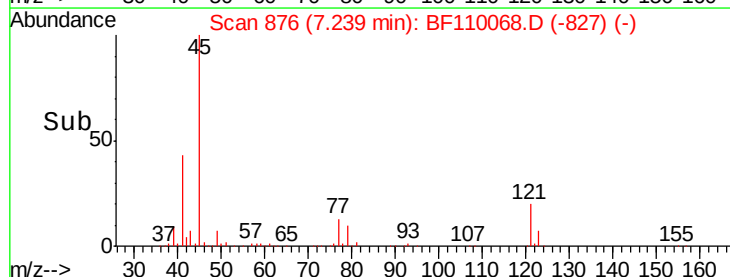
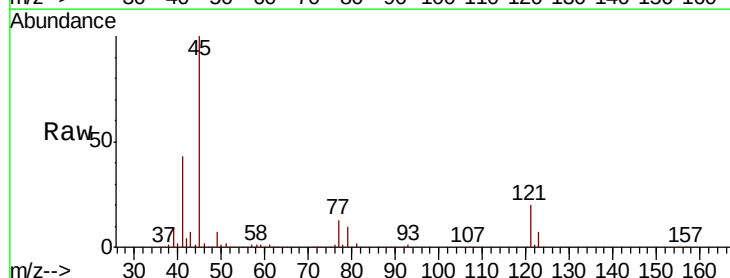
RT: 7.24 min Scan# 876

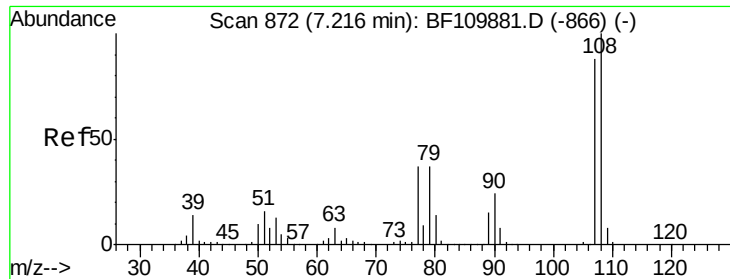
Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	45	Resp:	536809
Ion Ratio	Lower	Upper	
45	100		
77	12.6	10.0	50.0
79	9.9	6.1	46.1





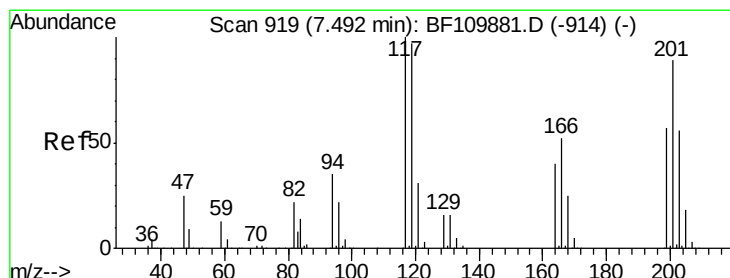
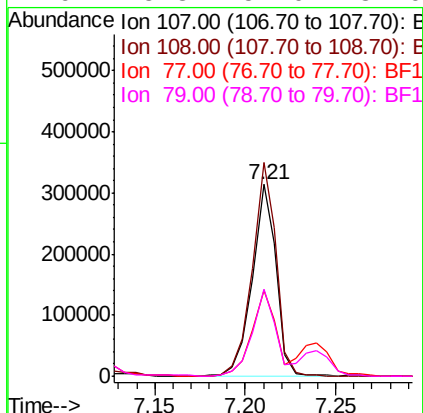
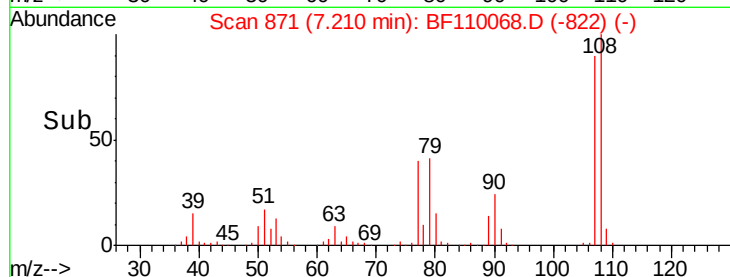
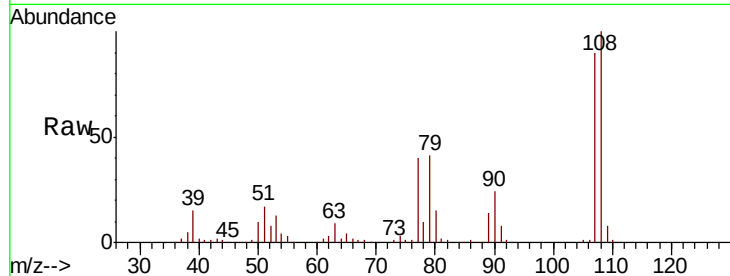
#17
2-Methylphenol
Concen: 28.714 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	92.6	138.8	
77	44.7	59.4	89.2#	
79	45.3	54.0	81.0#	

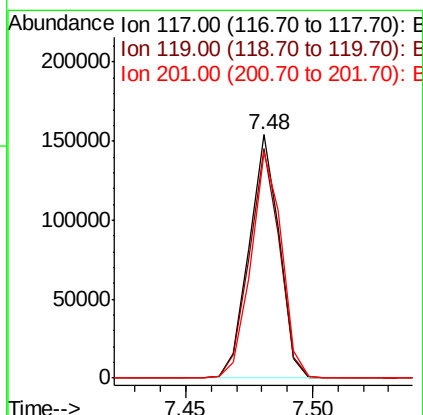
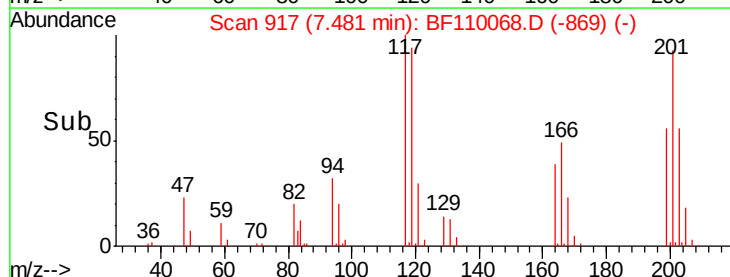
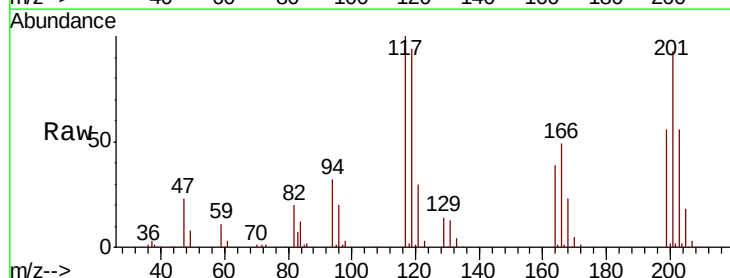
Manual Integrations
APPROVED

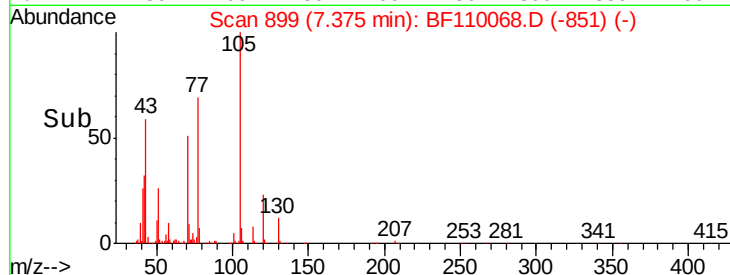
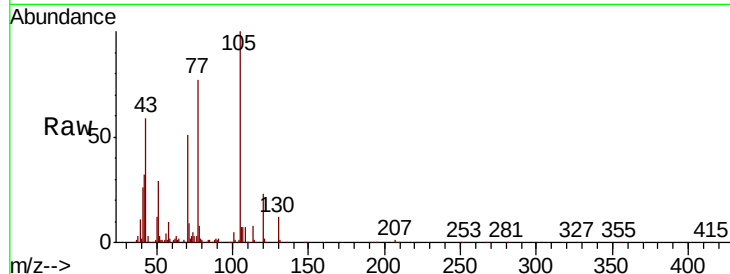
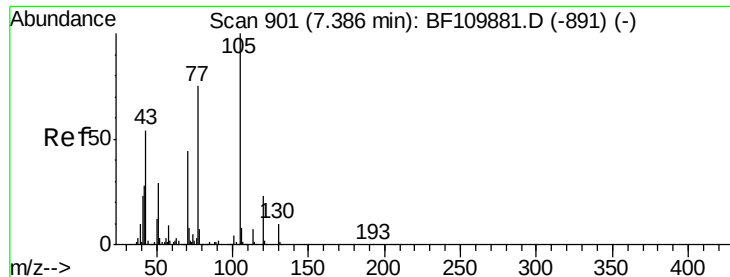
Sohil
10/23/2018 2:19:02 PM



#18
Hexachloroethane
Concen: 26.595 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.0	112.6	
201	92.6	79.2	118.8	





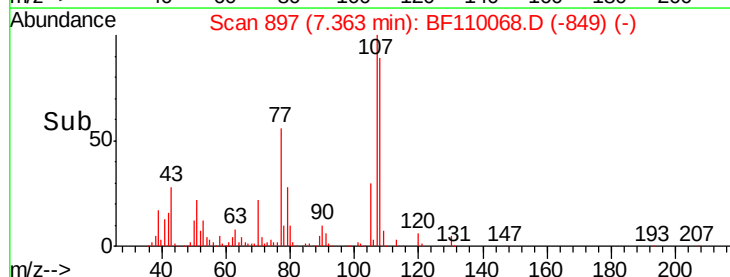
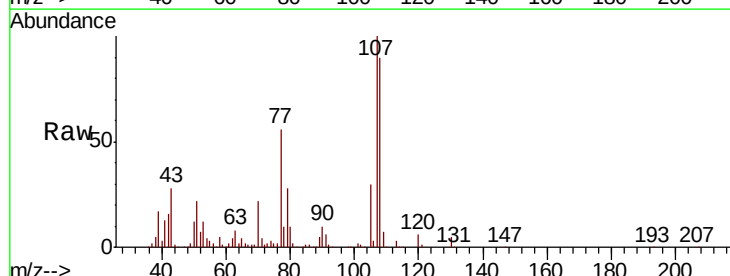
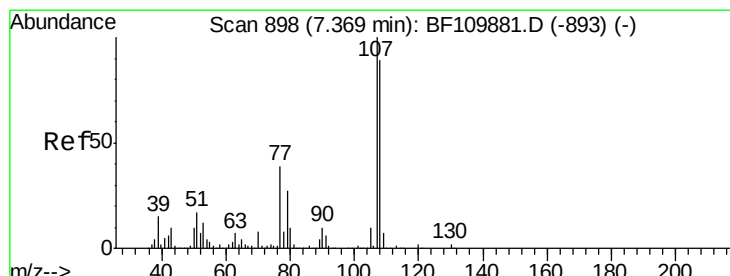
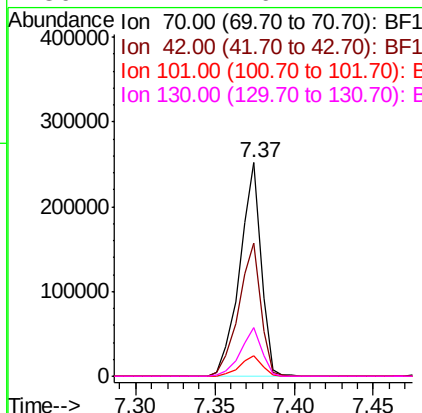
#19
n-Nitroso-di-n-propylamine
Concen: 26.860 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.4	71.2
101	9.6	7.3	10.9
130	22.7	16.2	24.2

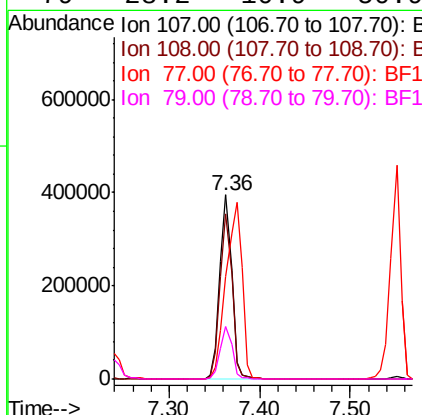
Manual Integrations
APPROVED

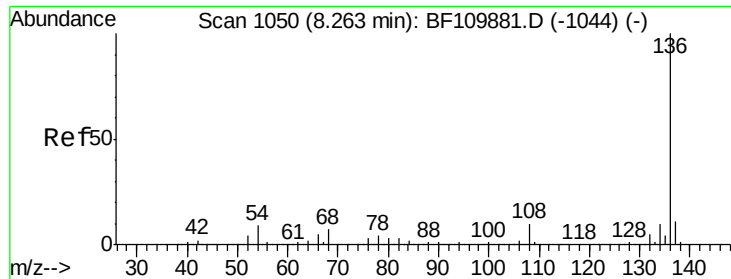
Sohil
10/23/2018 2:19:02 PM



#20
3+4-Methylphenols
Concen: 28.580 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	56.0	47.3	87.3
79	28.2	10.9	50.9





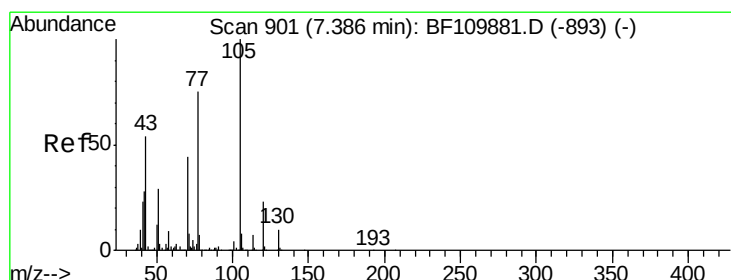
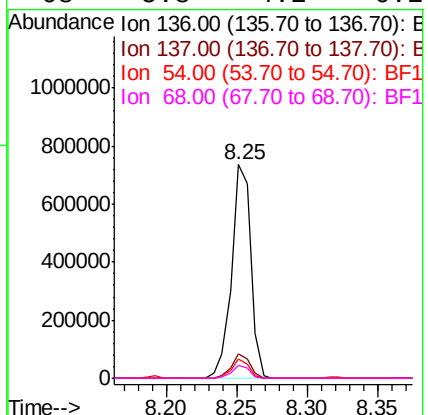
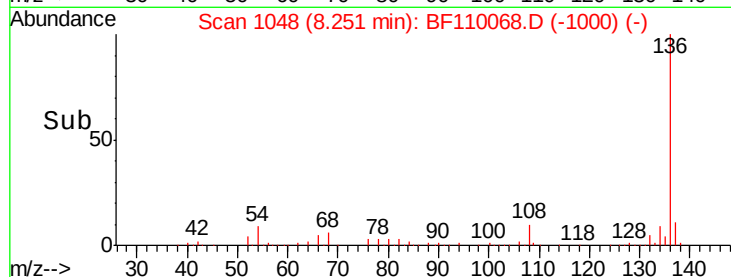
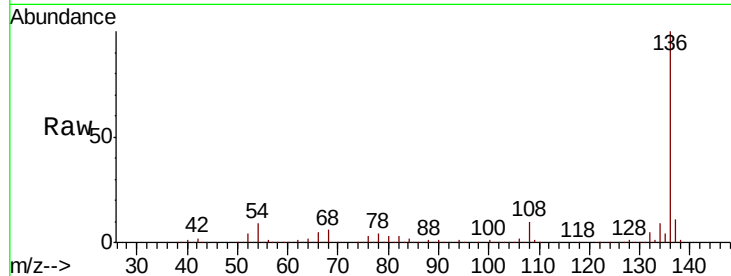
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.9	5.4	8.2#
68	5.8	4.2	6.2

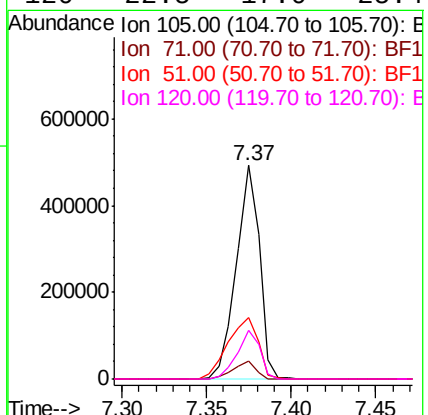
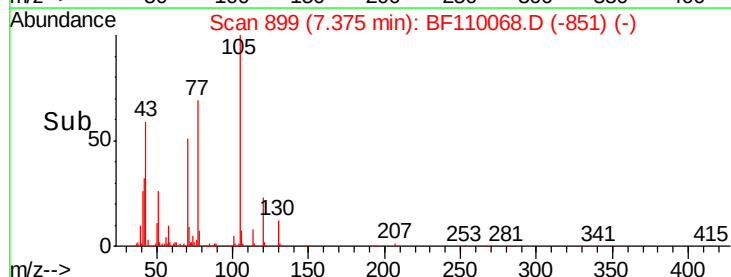
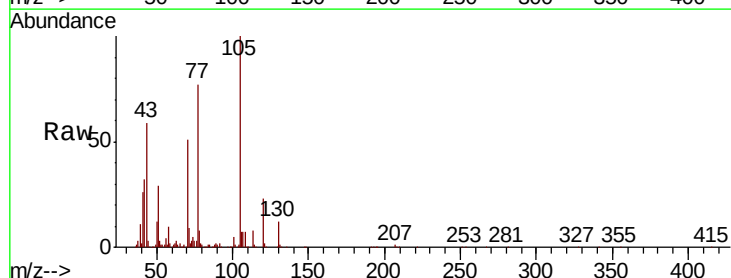
Manual Integrations
APPROVED

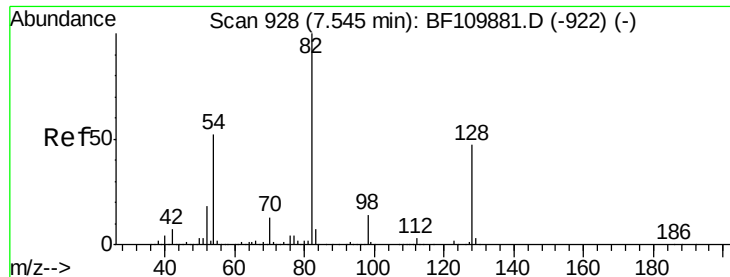
Sohil
10/23/2018 2:19:02 PM



#22
Acetophenone
Concen: 28.997 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.6	5.2	7.8#
51	29.0	21.8	32.8
120	22.5	17.0	25.4





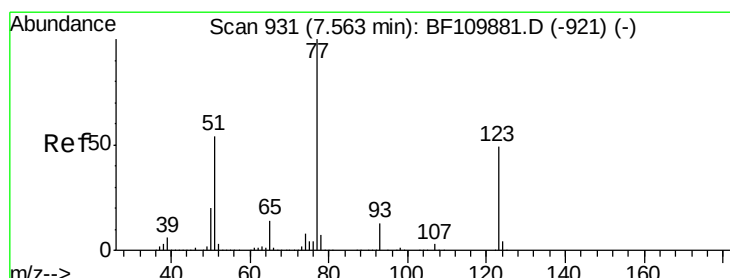
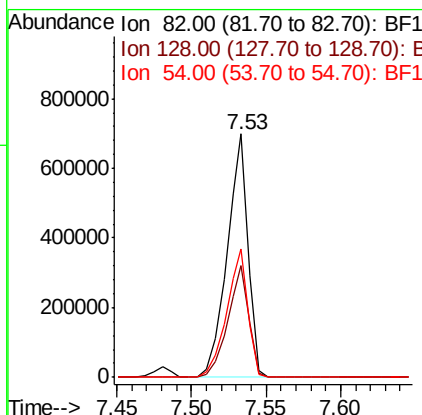
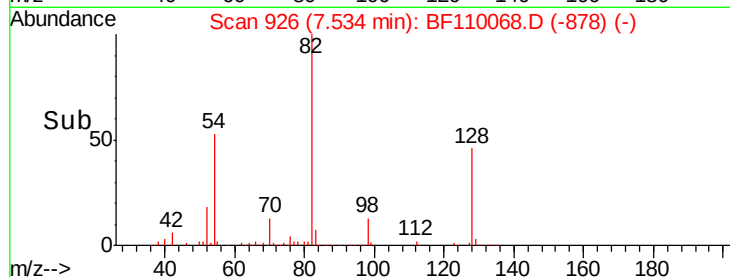
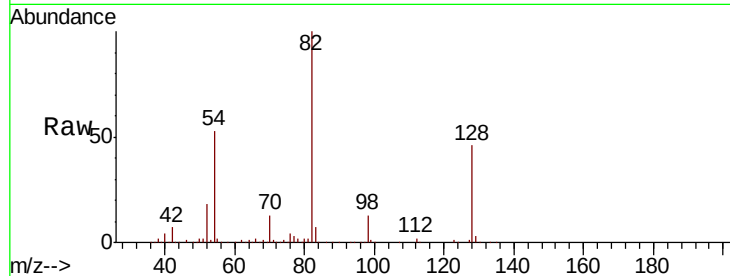
#23
 Nitrobenzene-d5
 Concen: 66.561 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	52.9	38.6	58.0

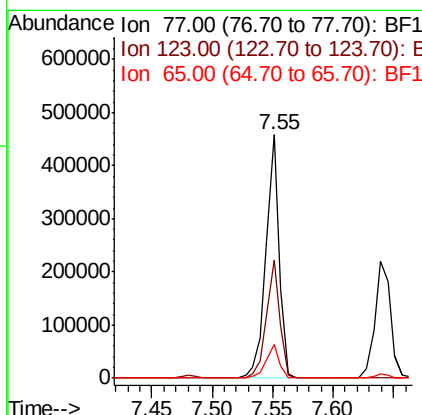
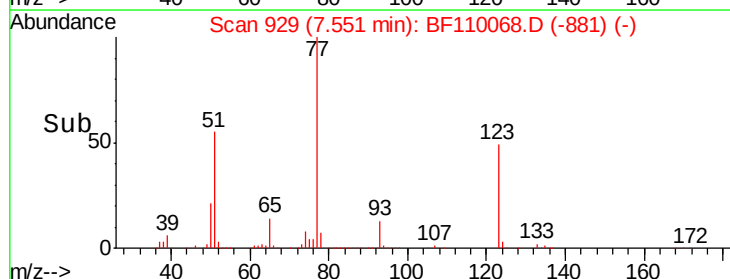
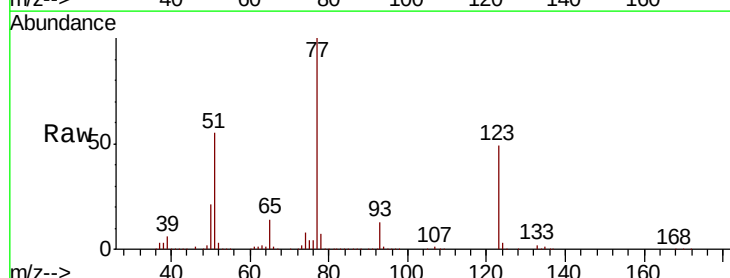
Manual Integrations
 APPROVED

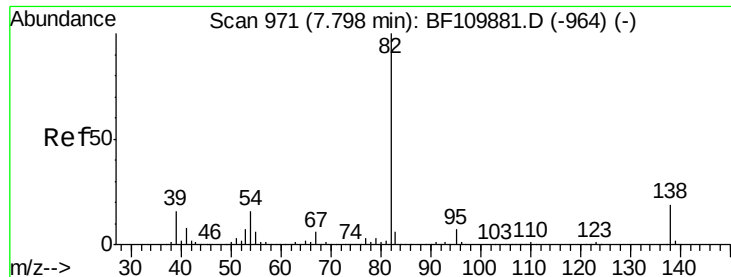
Sohil
 10/23/2018 2:19:02 PM



#24
 Nitrobenzene
 Concen: 31.303 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 31.496 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

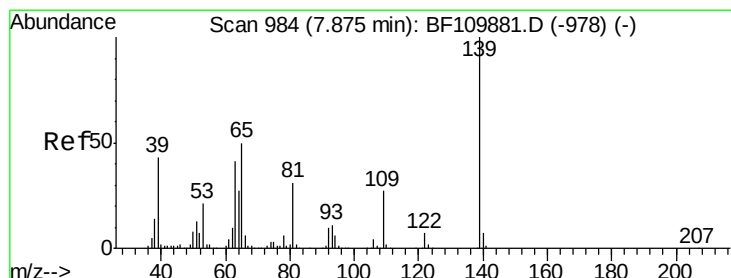
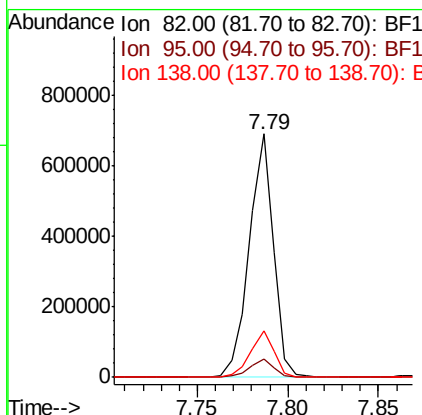
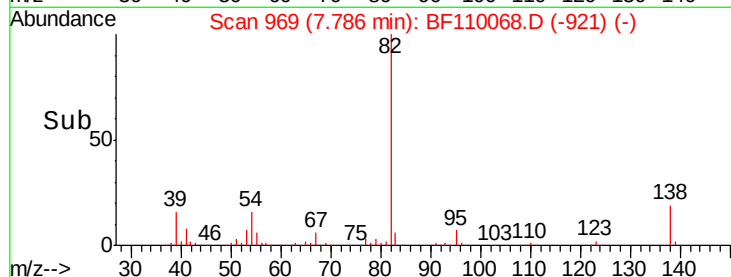
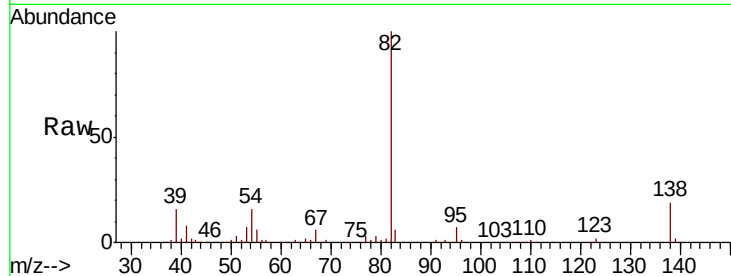
ClientSampleId :

PB114045BSD

Tot Ion:	82	Resp:	642926
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	19.2	13.2	19.8

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#26

2-Nitrophenol

Concen: 34.922 ng

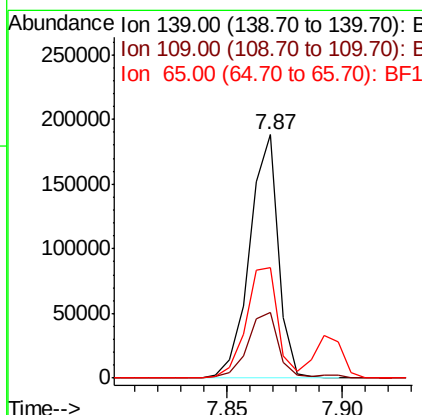
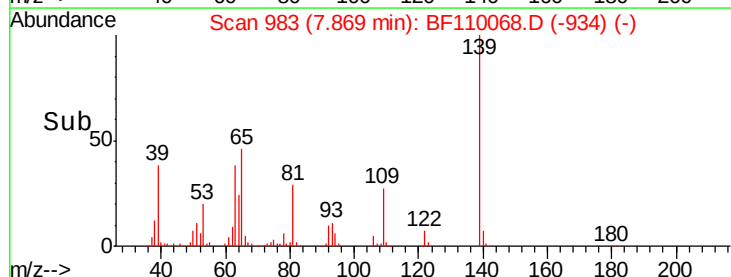
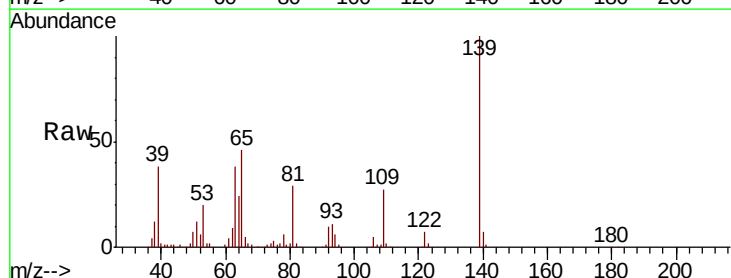
RT: 7.87 min Scan# 983

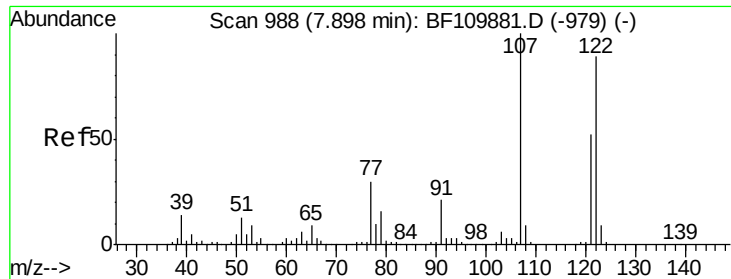
Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	139	Resp:	163409
Ion Ratio	Lower	Upper	
139	100		
109	27.1	25.0	37.6
65	45.6	44.0	66.0





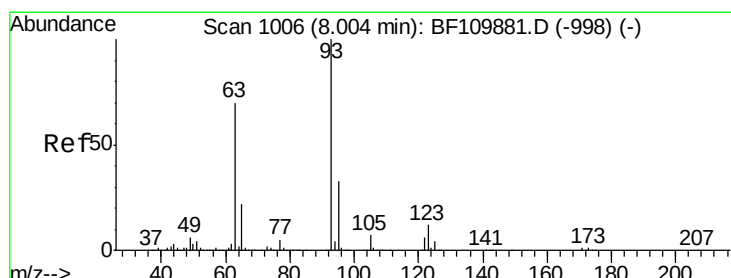
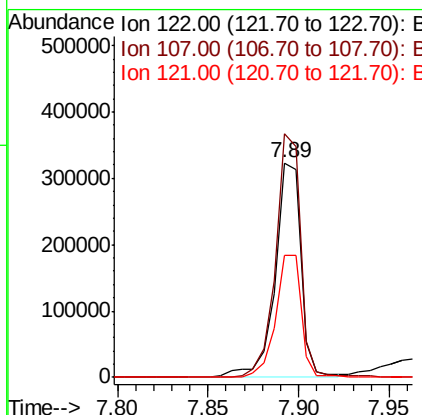
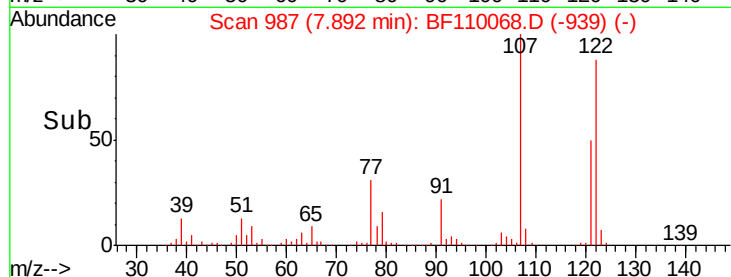
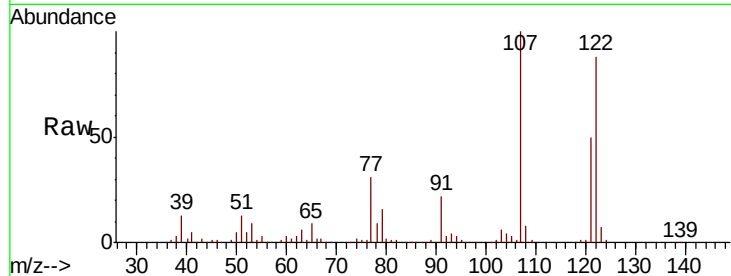
#27
2,4-Dimethylphenol
Concen: 32.780 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	92.5	138.7
121	56.8	45.8	68.8

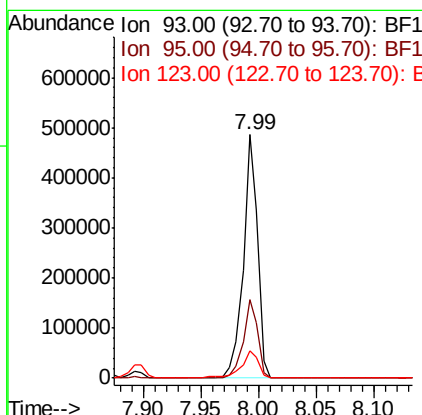
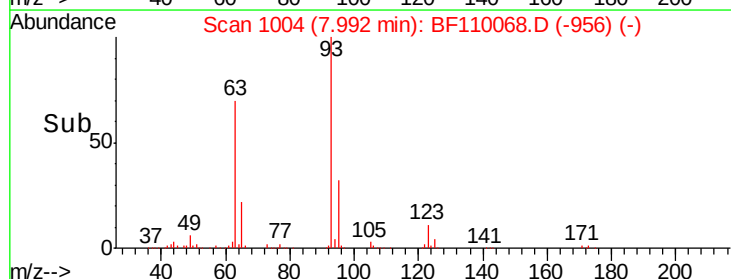
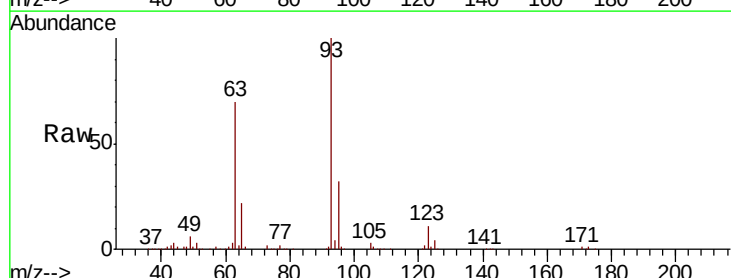
Manual Integrations
APPROVED

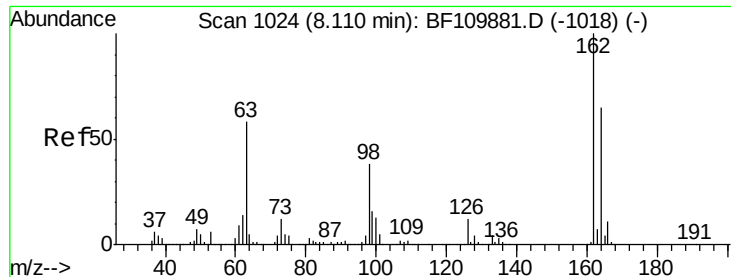
Sohil
10/23/2018 2:19:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 29.711 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.4	39.6
123	11.3	9.0	13.6





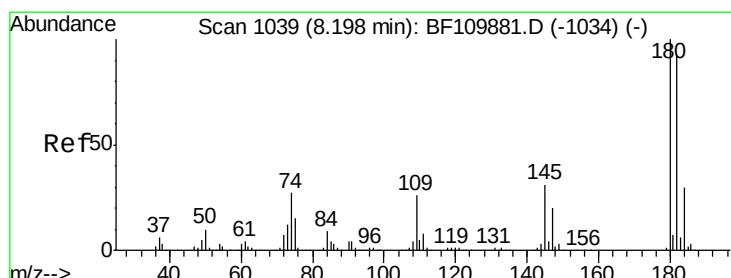
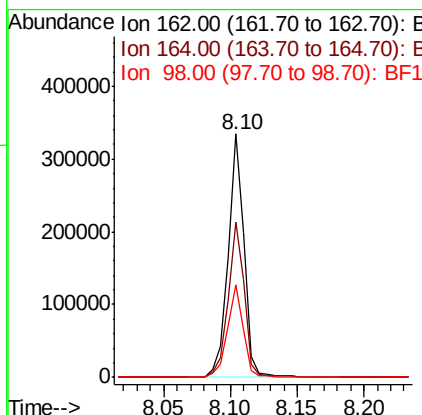
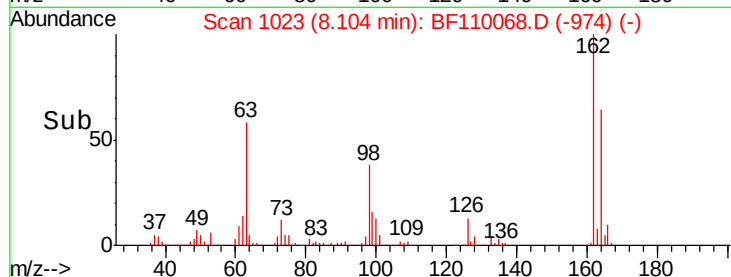
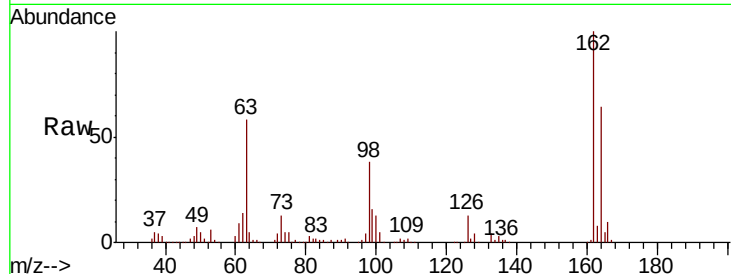
#29
 2,4-Dichlorophenol
 Concen: 29.725 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion:	162	Resp:	283519
Ion Ratio		Lower	Upper
162	100		
164	64.0	44.6	84.6
98	38.3	17.4	57.4

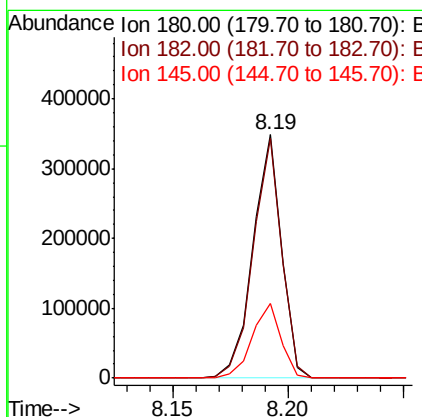
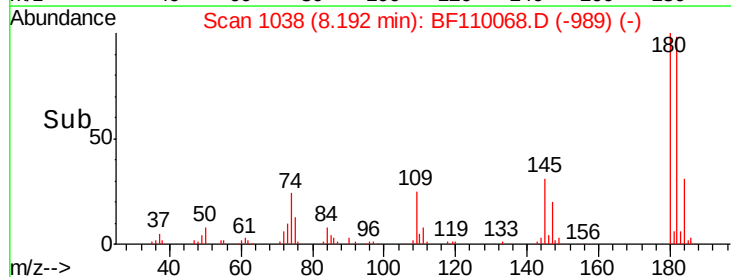
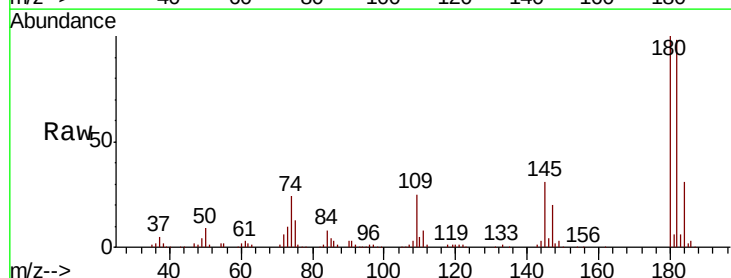
Manual Integrations
 APPROVED

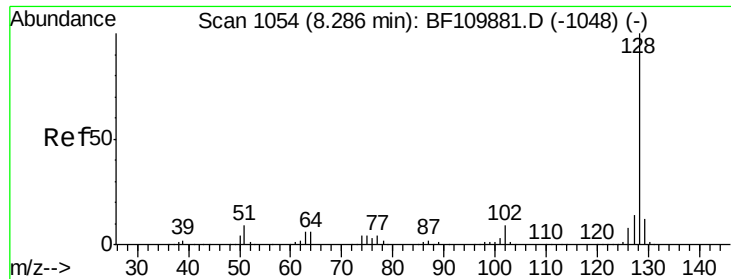
Sohil
 10/23/2018 2:19:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 28.277 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion:	180	Resp:	301992
Ion Ratio		Lower	Upper
180	100		
182	98.3	80.3	120.5
145	30.8	25.4	38.0





#31

Naphthalene

Concen: 30.968 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

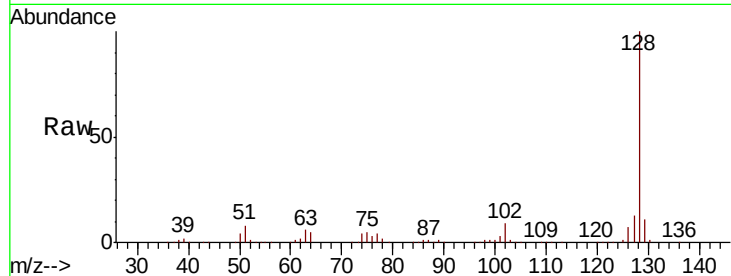
ClientSampleId :

PB114045BSD

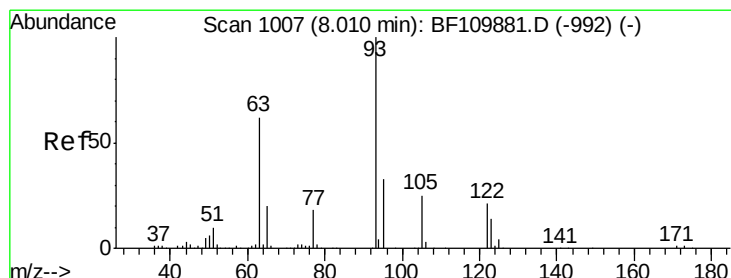
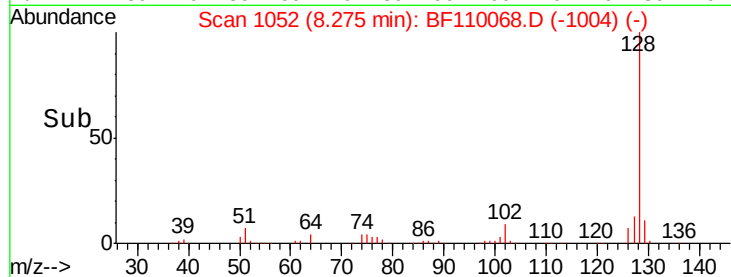
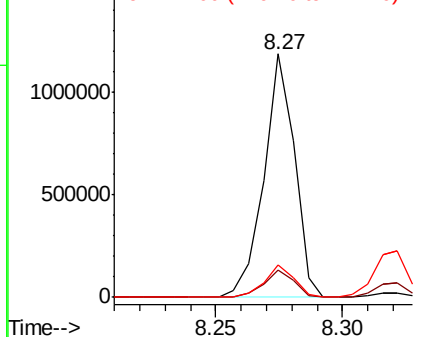
Tot Ion:128	Resp:	993819
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.8 13.2
127	13.4	10.8 16.2

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.548 ng

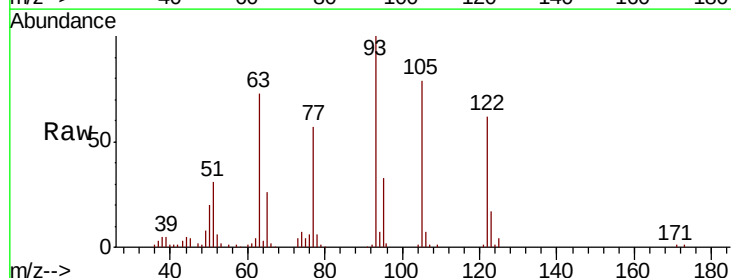
RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

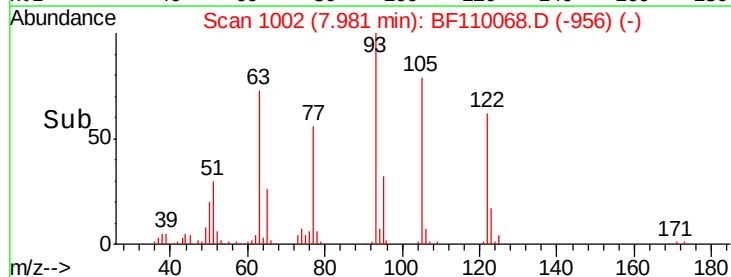
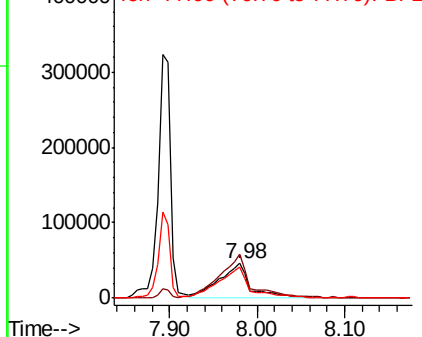
Lab File: BF110068.D

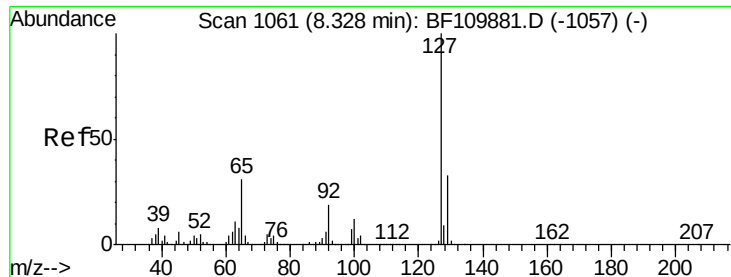
Acq: 23 Oct 2018 00:50

Tgt Ion:122	Resp:	113627
Ion Ratio	Lower	Upper
122	100	
105	127.4	109.0 149.0
77	90.6	79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





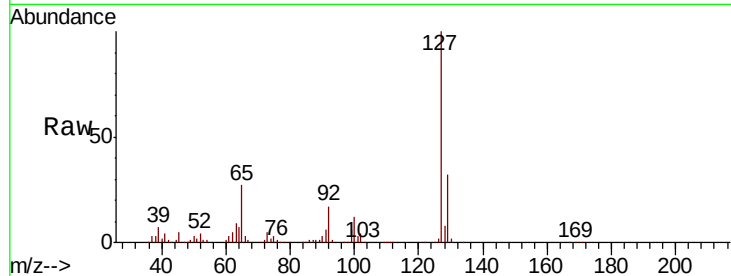
#33
4-Chloroaniline
Concen: 15.129 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.0	39.0	
65	26.6	25.1	37.7	
92	17.3	15.0	22.6	

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



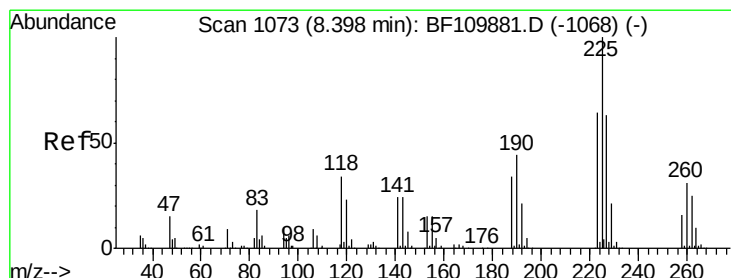
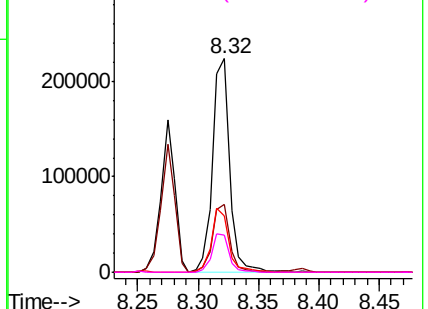
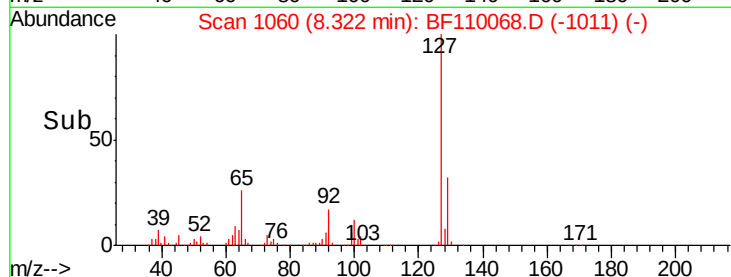
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

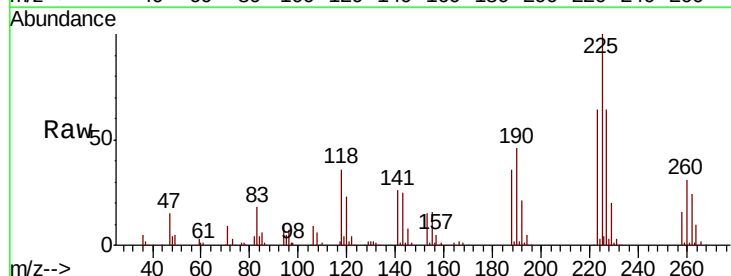
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 28.518 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	51.4	77.2	
227	64.2	51.0	76.6	

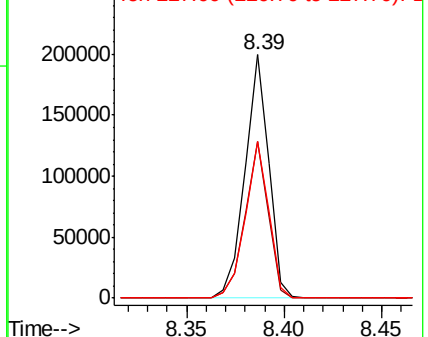
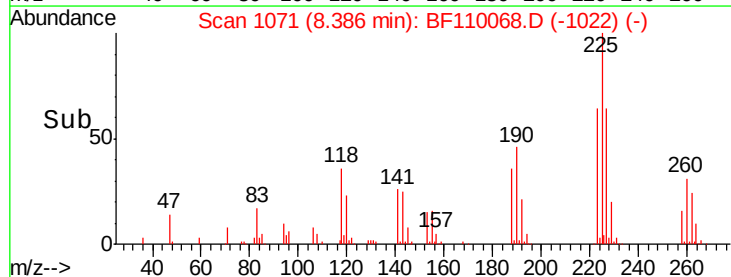


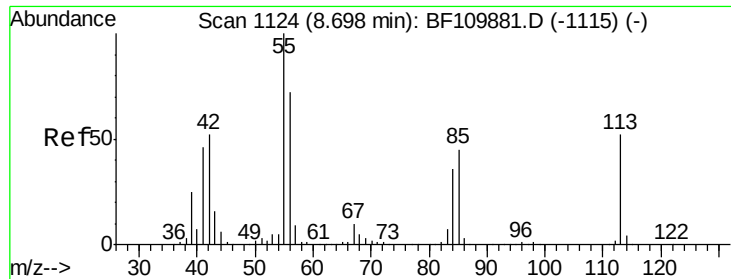
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





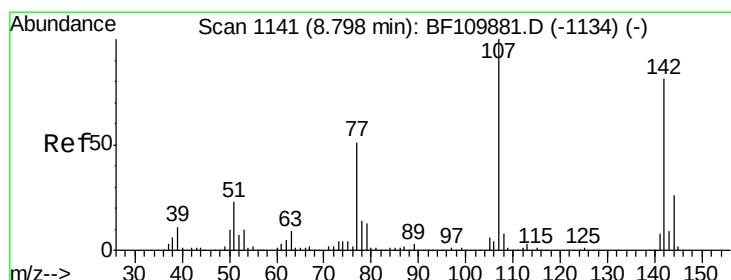
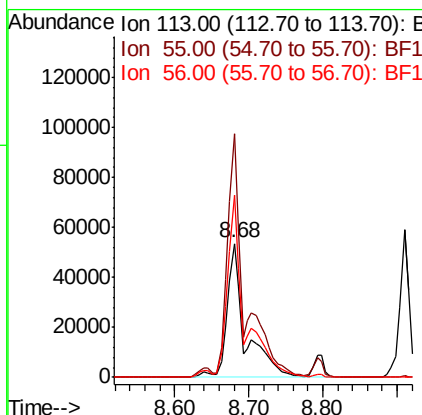
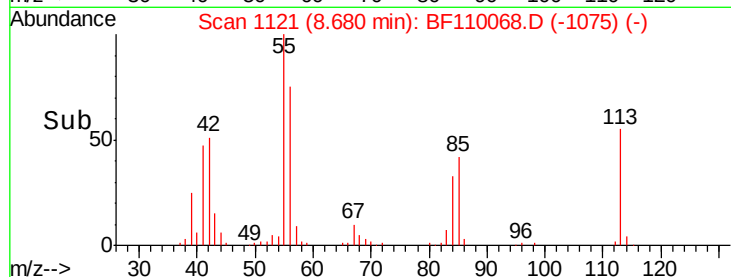
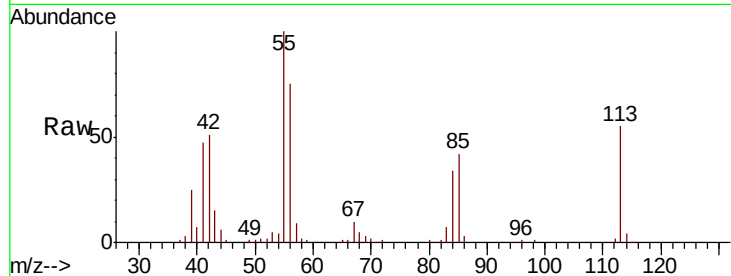
#35
Caprolactam
Concen: 29.511 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.9	142.8	182.8
56	136.0	105.0	145.0

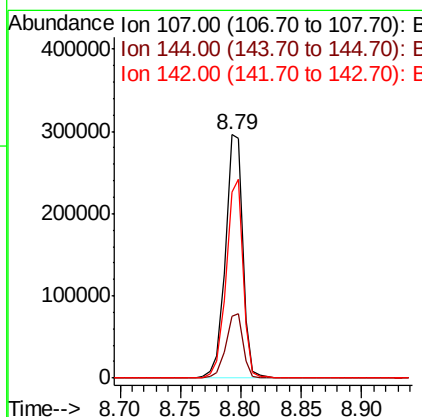
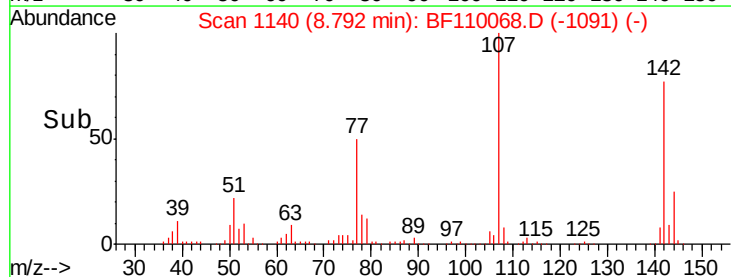
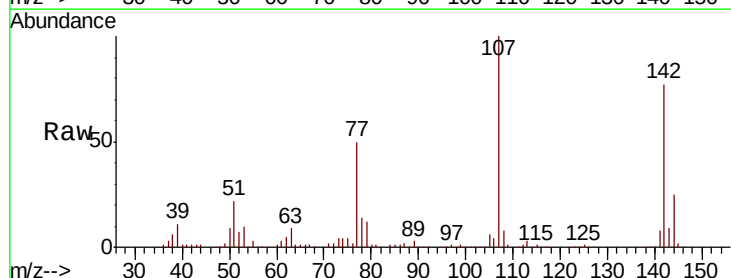
Manual Integrations
APPROVED

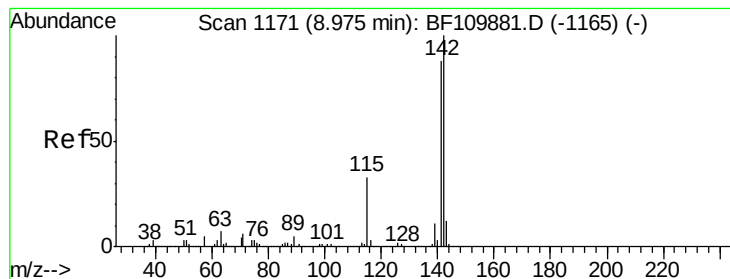
Sohil
10/23/2018 2:19:02 PM



#36
4-Chloro-3-methylphenol
Concen: 29.490 ng/ml
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	76.6	59.7	89.5





#37

2-Methylnaphthalene

Concen: 32.662 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

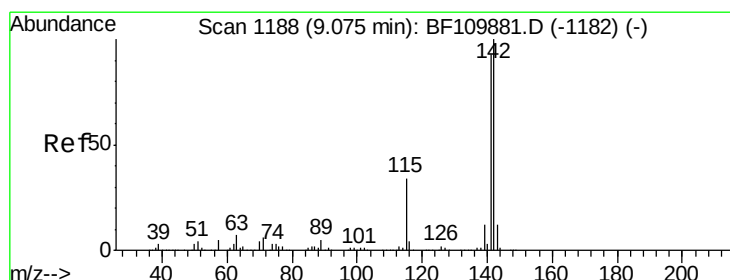
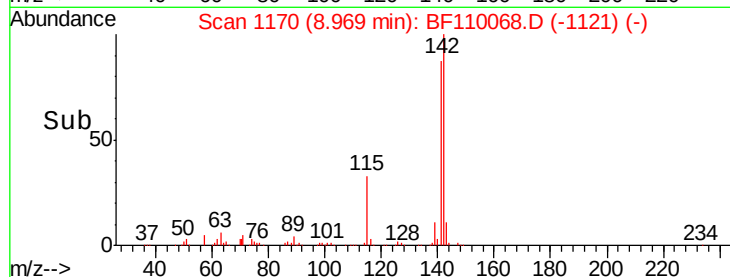
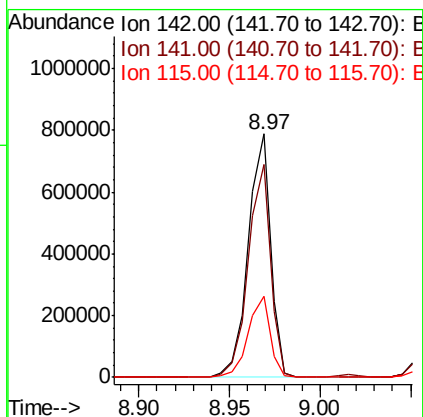
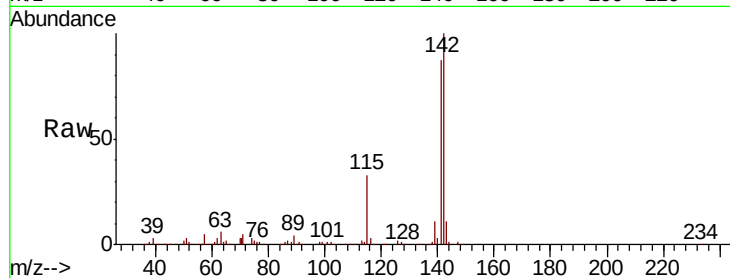
ClientSampleId :

PB114045BSD

Tot Ion:	142	Resp:	678718
Ion Ratio	Lower	Upper	
142	100		
141	87.4	71.4	107.2
115	33.5	28.7	43.1

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#38

1-Methylnaphthalene

Concen: 31.429 ng

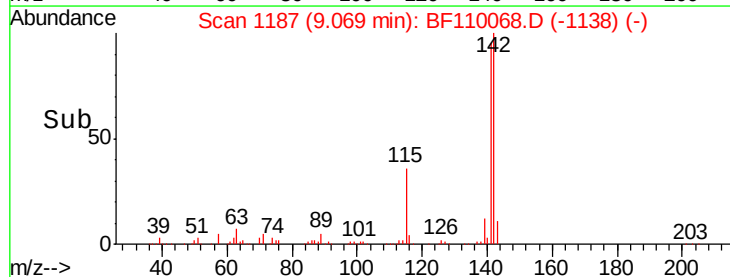
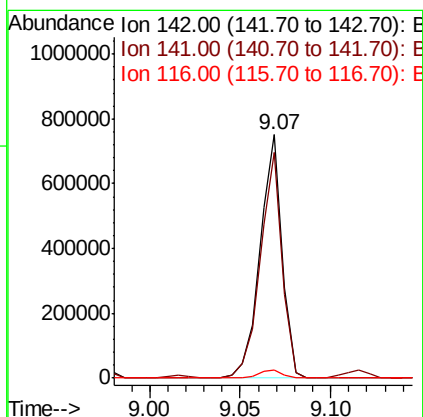
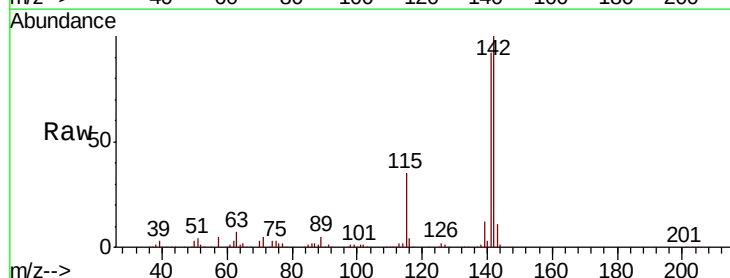
RT: 9.07 min Scan# 1187

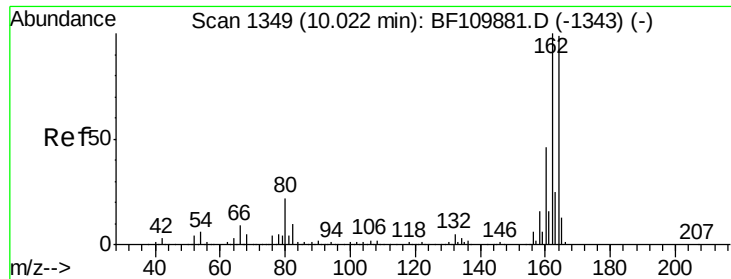
Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	142	Resp:	632864
Ion Ratio	Lower	Upper	
142	100		
141	92.4	74.2	111.4
116	3.5	2.6	4.0





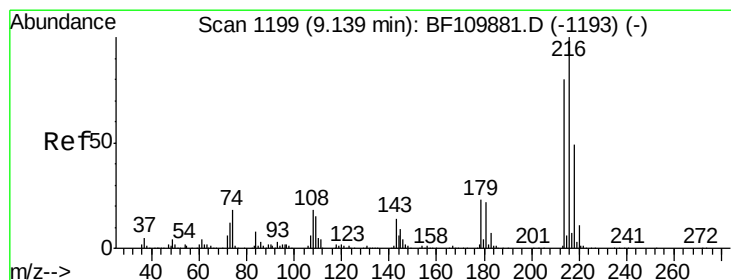
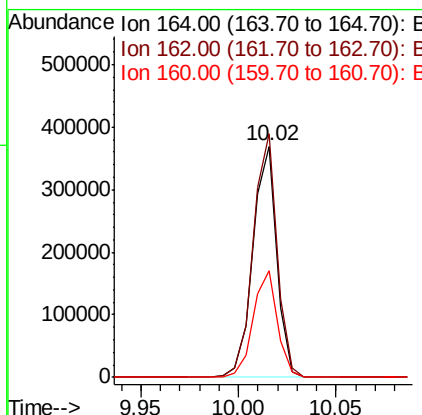
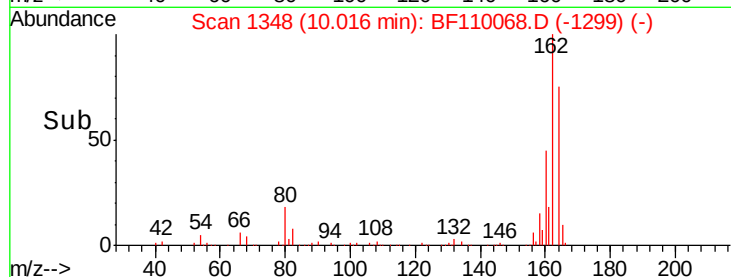
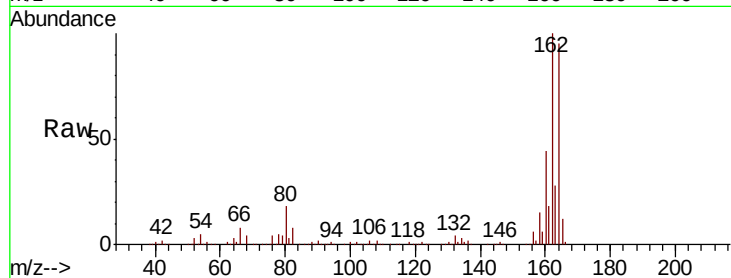
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	46.4	37.0	55.6

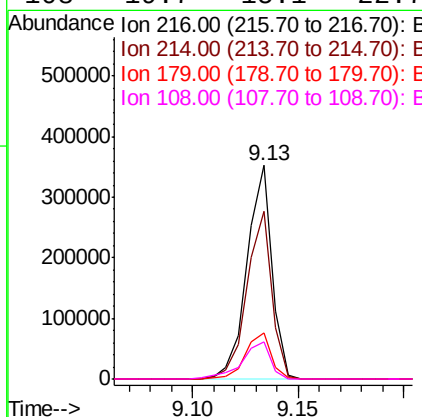
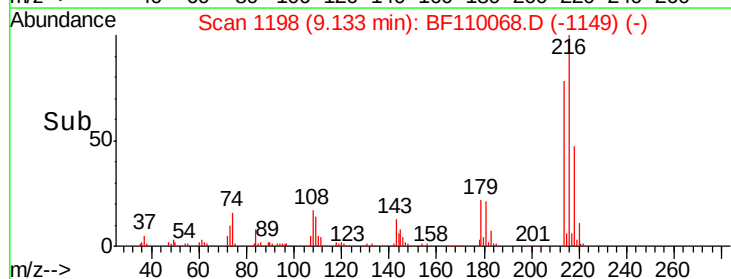
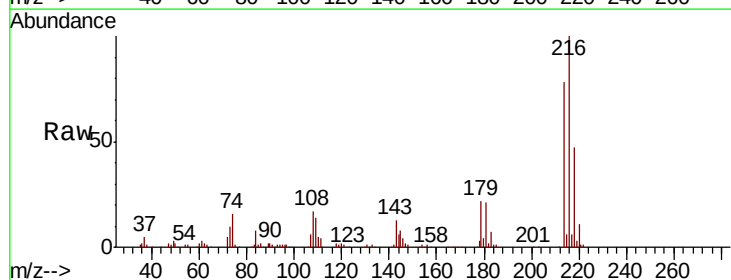
Manual Integrations
APPROVED

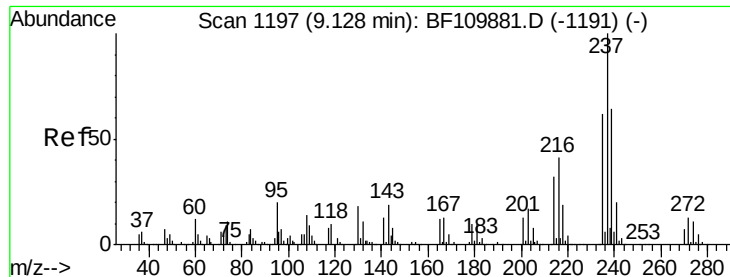
Sohil
10/23/2018 2:19:02 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.165 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.8	95.6
179	22.2	16.6	25.0
108	19.7	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 38.220 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

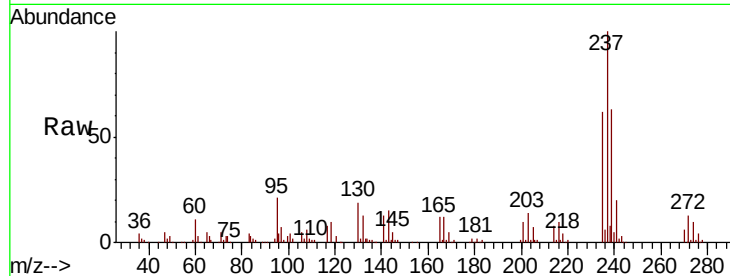
ClientSampleId :

PB114045BSD

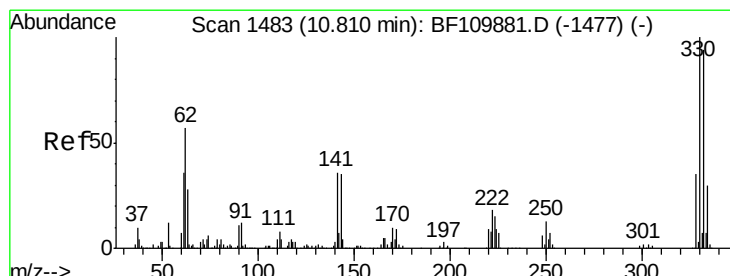
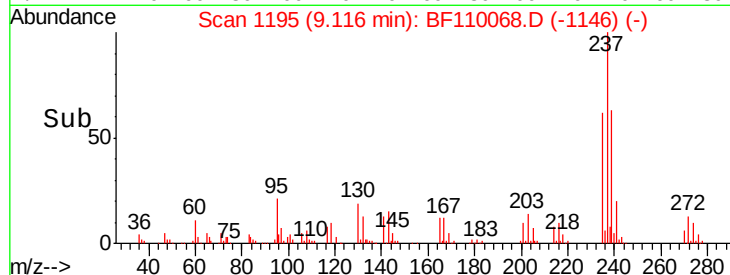
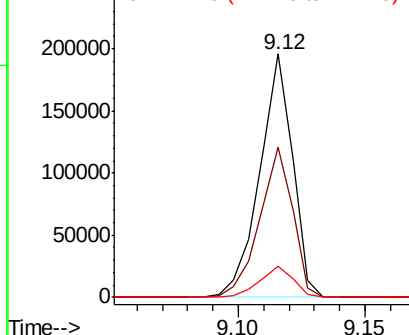
Tot Ion:	237	Resp:	177466
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.1	83.1
272	12.9	0.0	32.6

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



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



#42

2,4,6-Tribromophenol

Concen: 59.338 ng

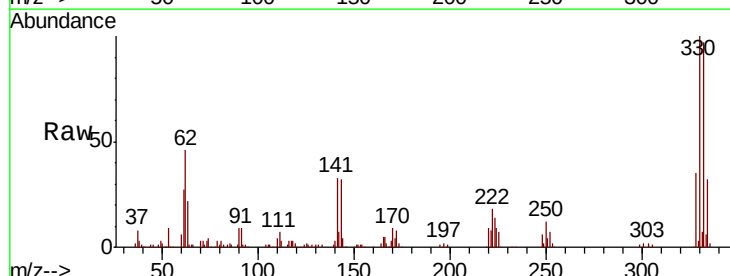
RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

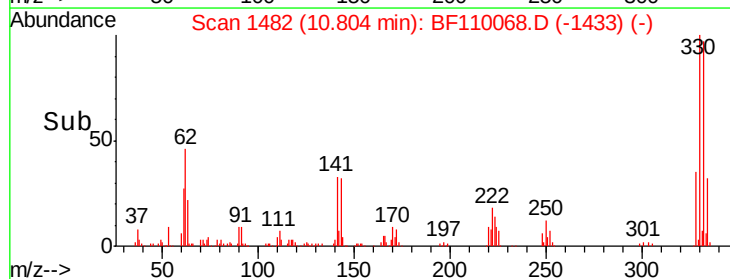
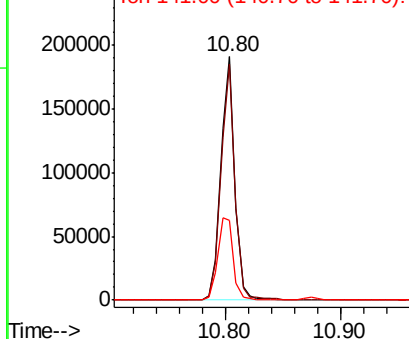
Lab File: BF110068.D

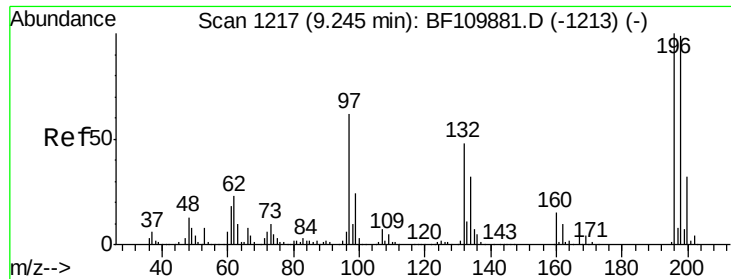
Acq: 23 Oct 2018 00:50

Tgt Ion:	330	Resp:	160455
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.1	115.7
141	37.0	27.0	40.4



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





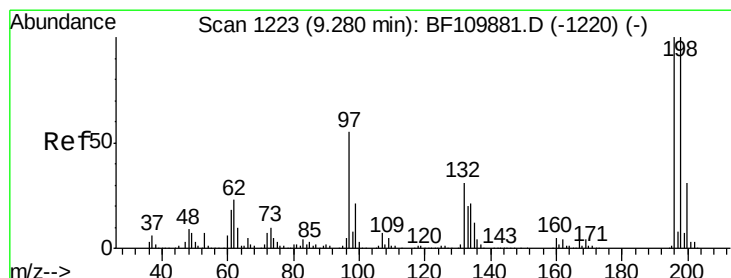
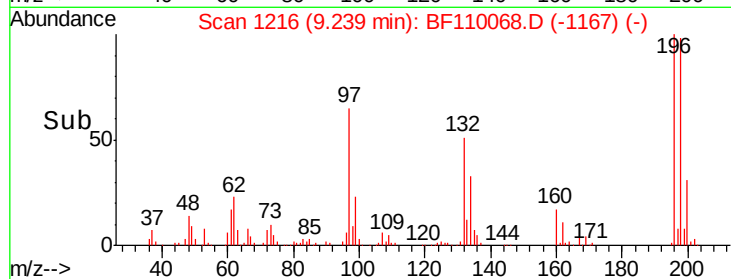
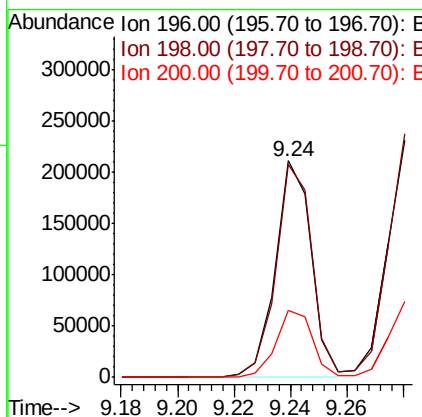
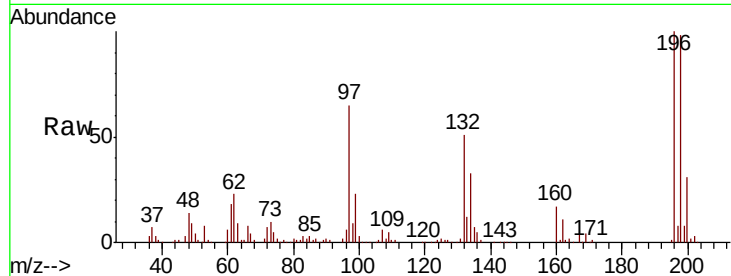
#43
 2,4,6-Trichlorophenol
 Concen: 30.988 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186408		
198	98.4	76.2	114.4	
200	31.1	24.4	36.6	

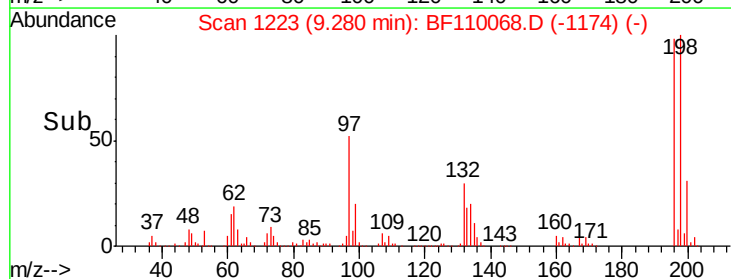
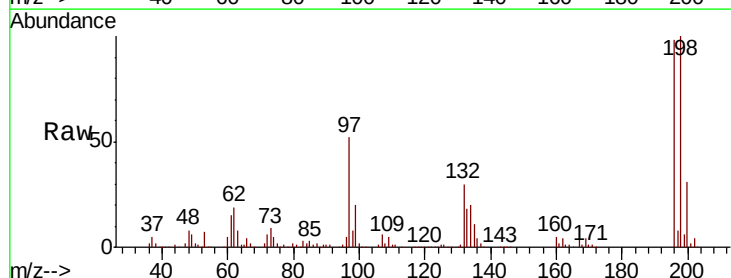
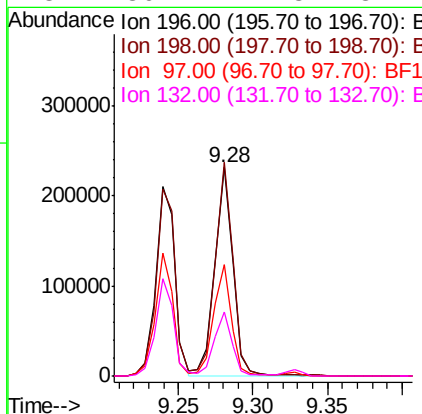
Manual Integrations
 APPROVED

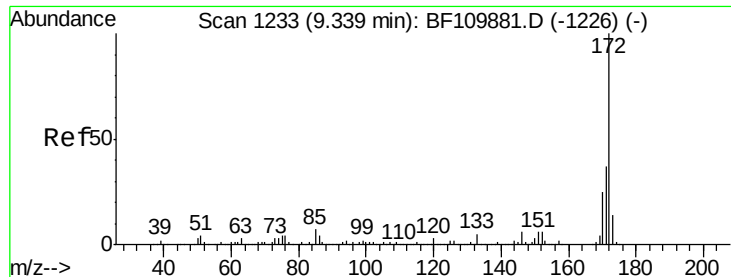
Sohil
 10/23/2018 2:19:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 31.407 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196085		
198	102.5	75.8	113.6	
97	53.4	42.4	63.6	
132	30.7	22.8	34.2	





#45

2-Fluorobiphenyl

Concen: 65.736 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

PB114045BSD

Tot Ion:172 Resp: 1286721

Ion Ratio Lower Upper

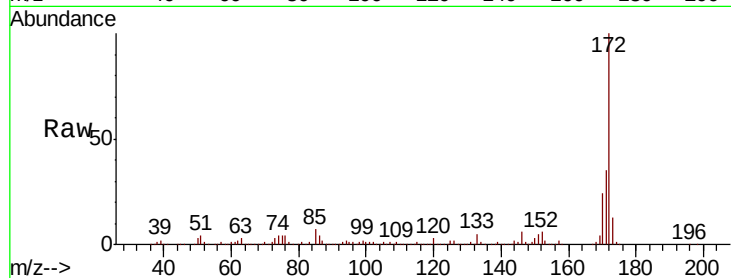
172 100

171 35.3 28.6 43.0

170 24.0 19.7 29.5

Manual Integrations
APPROVED

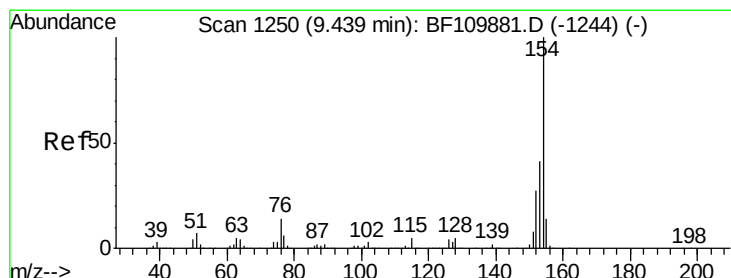
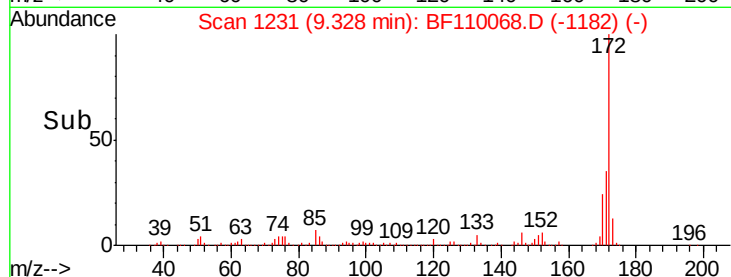
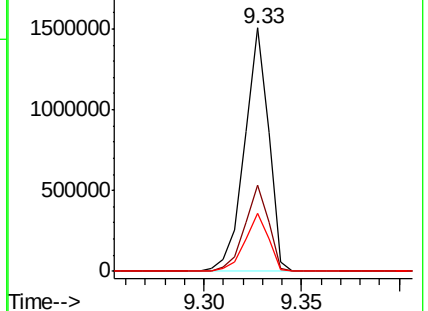
Sohil
10/23/2018 2:19:02 PM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 29.335 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

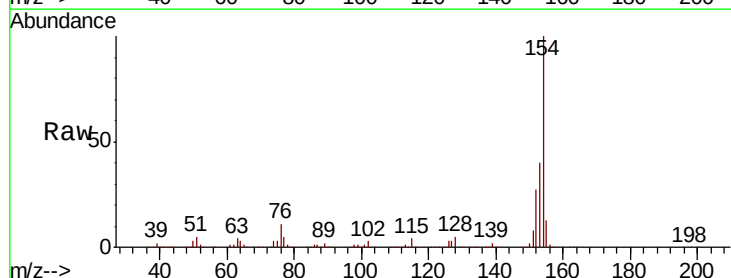
Tgt Ion:154 Resp: 816323

Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

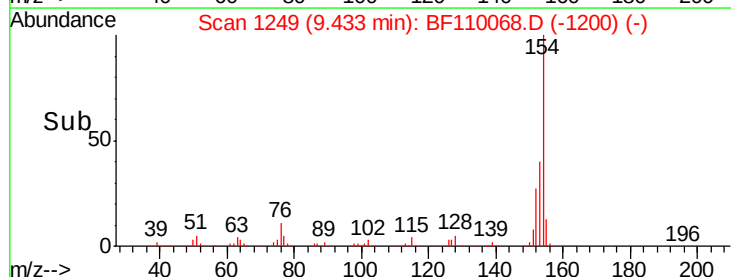
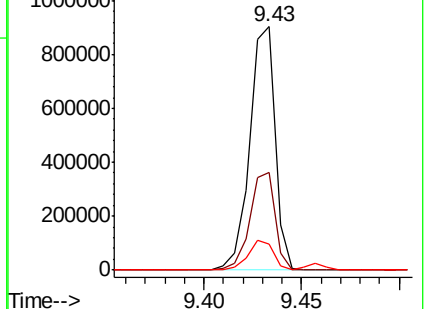
76 10.5 0.0 31.9

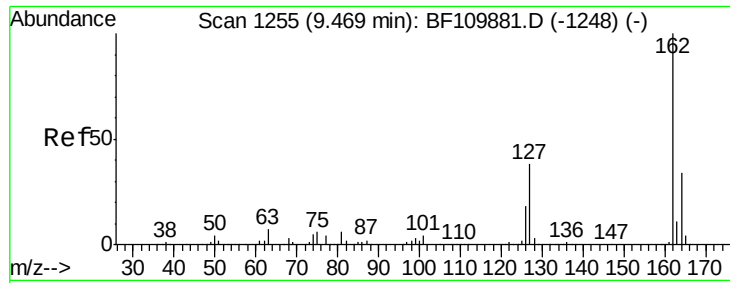


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





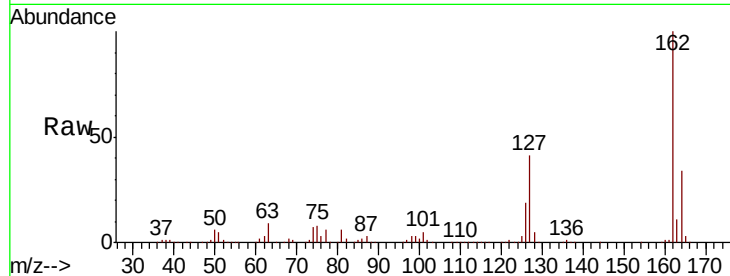
#47
 2-Chloronaphthalene
 Concen: 29.703 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	608848		
127	41.0		32.6	48.8
164	33.7		25.9	38.9

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:19:02 PM

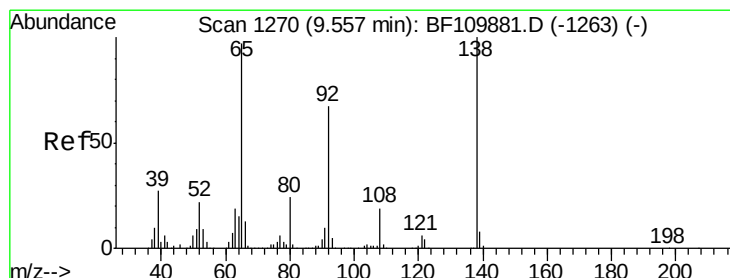
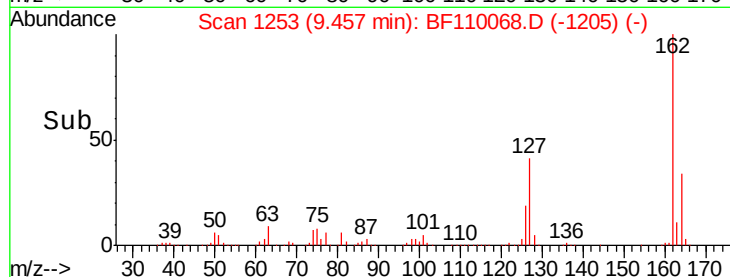
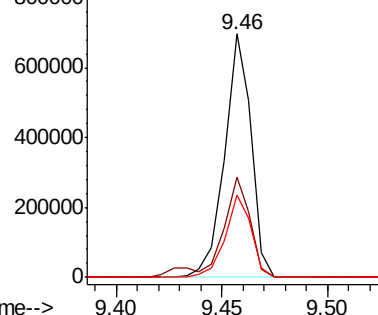


Abundance

Ion 162.00 (161.70 to 162.70): E

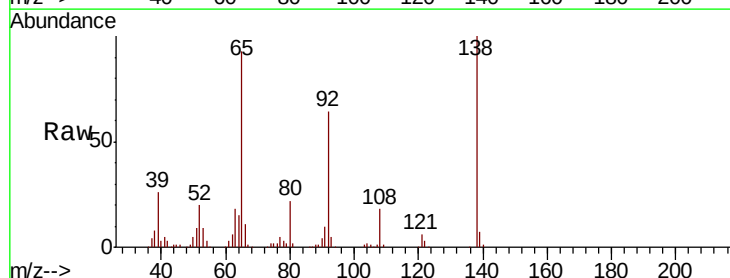
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 35.989 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	189313		
92	68.4		54.6	81.8
138	107.6		80.3	120.5

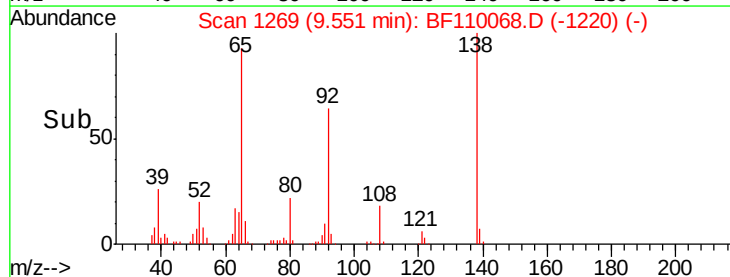
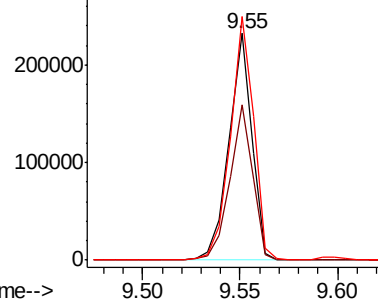


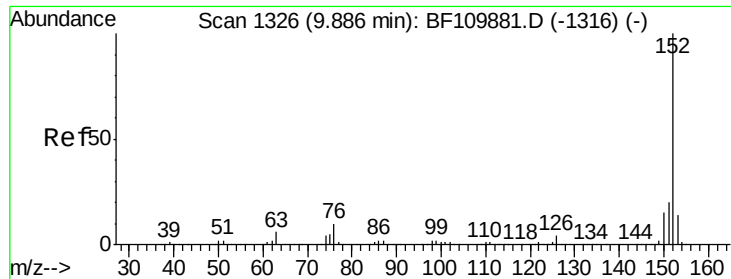
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 31.473 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

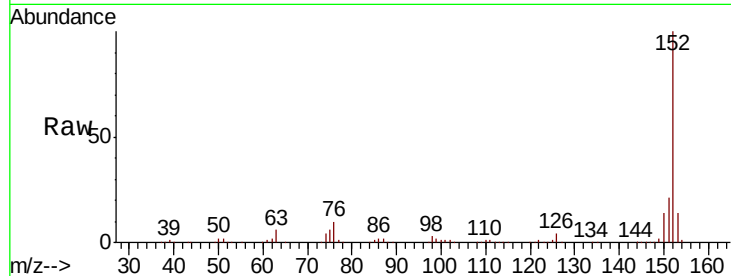
ClientSampleId :

PB114045BSD

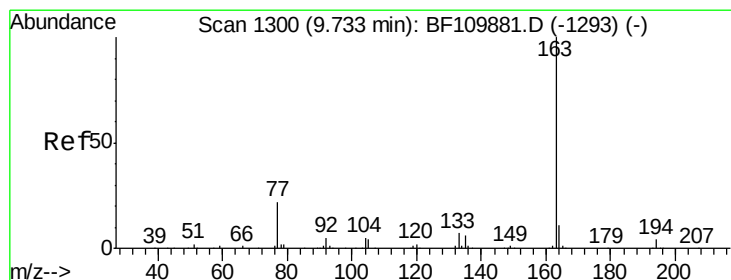
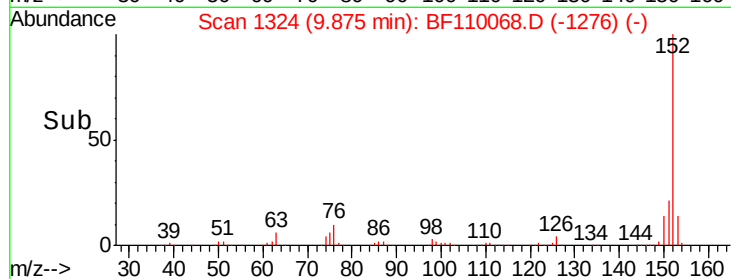
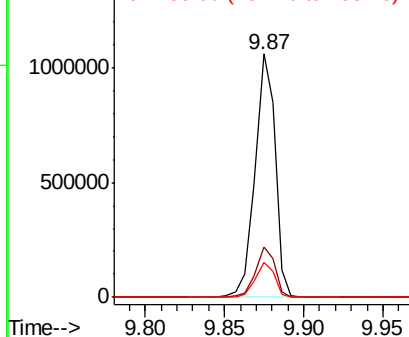
Tot Ion:	152	Resp:	937203
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.8
153	14.2	10.4	15.6

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 32.612 ng

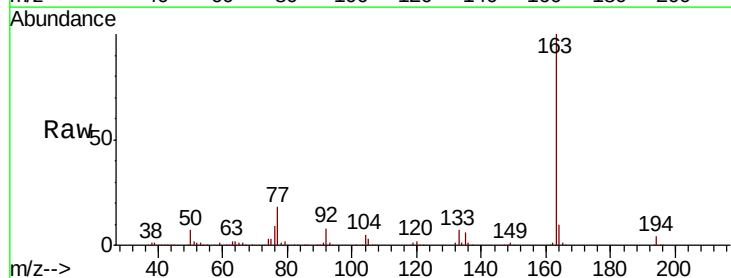
RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

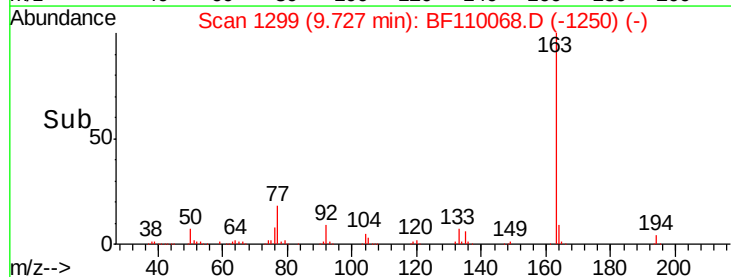
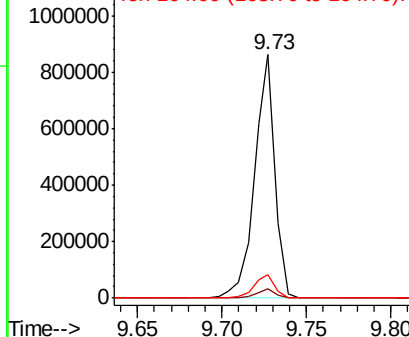
Lab File: BF110068.D

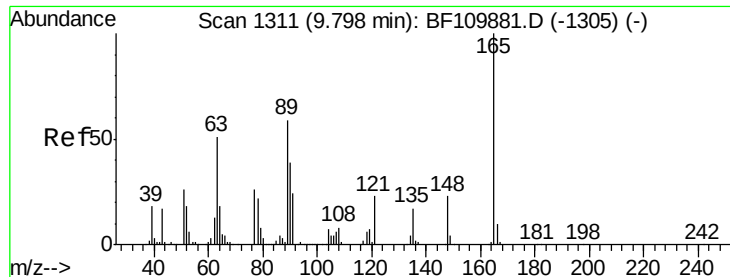
Acq: 23 Oct 2018 00:50

Tgt Ion:	163	Resp:	721246
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	9.8	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





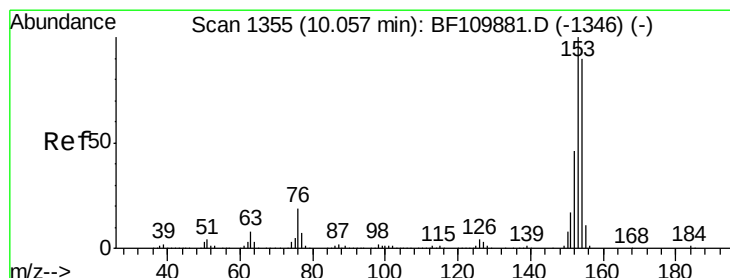
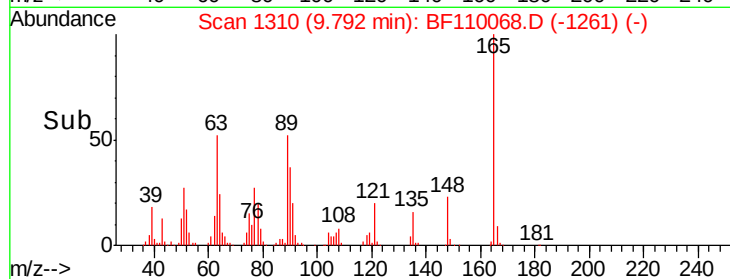
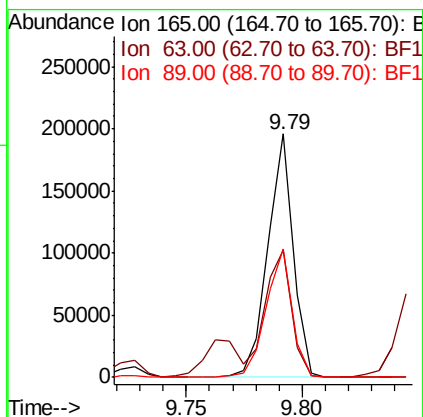
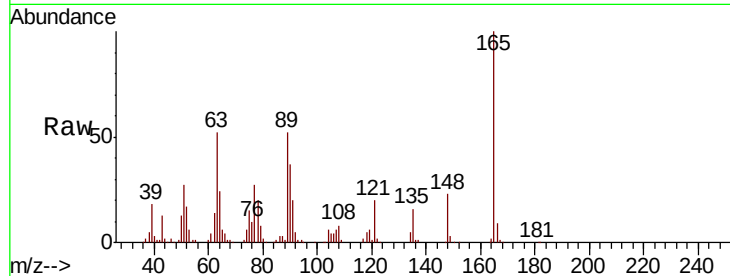
#51
2,6-Dinitrotoluene
Concen: 35.873 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	150689		
63	52.2	48.9	73.3	
89	52.5	46.6	69.8	

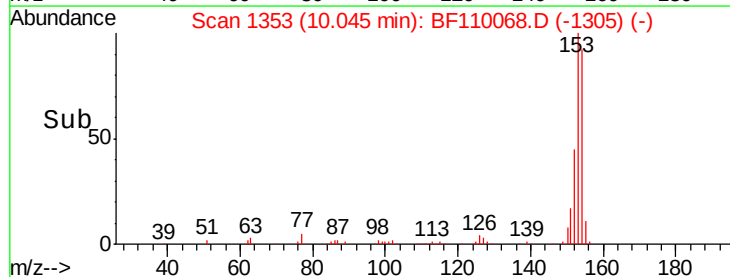
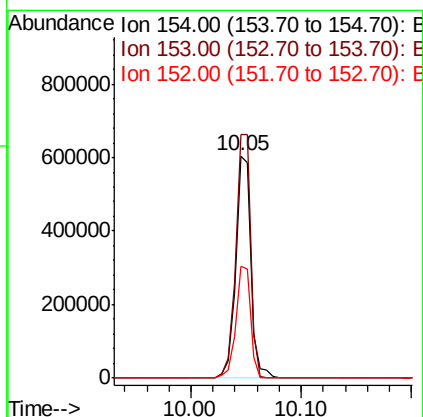
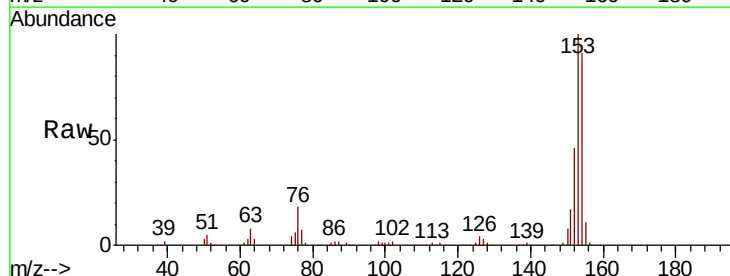
Manual Integrations
APPROVED

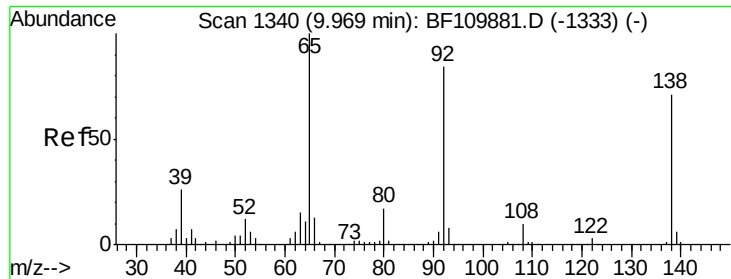
Sohil
10/23/2018 2:19:02 PM



#52
Acenaphthene
Concen: 30.875 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	585337		
153	109.3	90.1	135.1	
152	50.0	43.4	65.2	





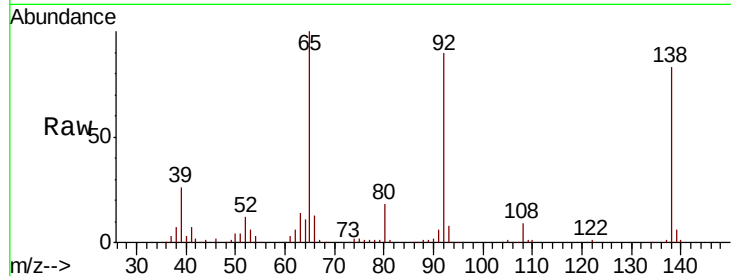
#53
3-Nitroaniline
Concen: 25.943 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	108.6	97.0	145.4

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM

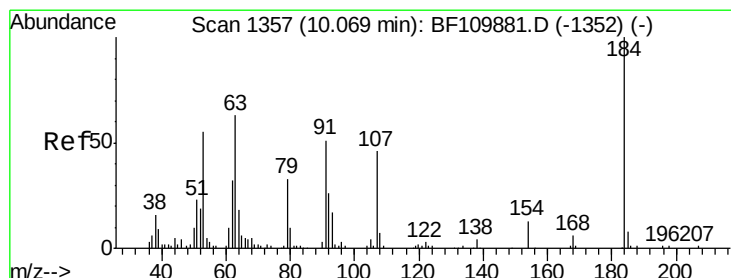
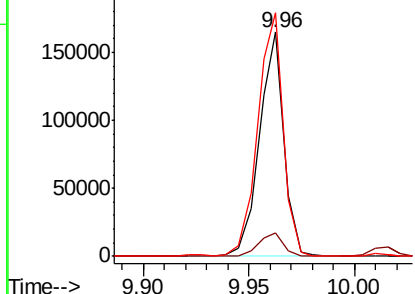
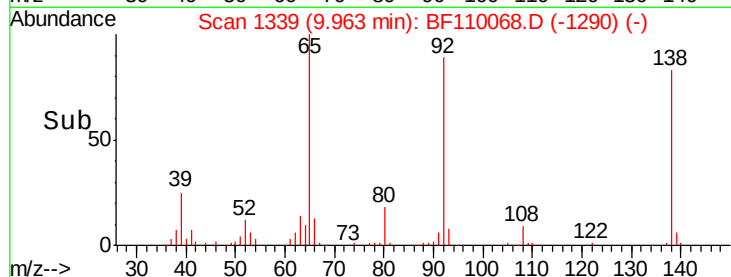


Abundance

Ion 138.00 (137.70 to 138.70): E

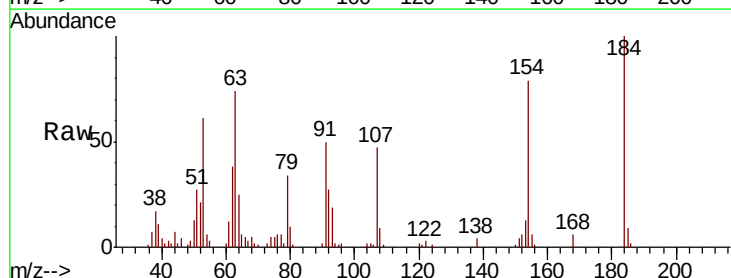
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 29.141 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.8	55.8	83.6
154	78.6	63.2	94.8

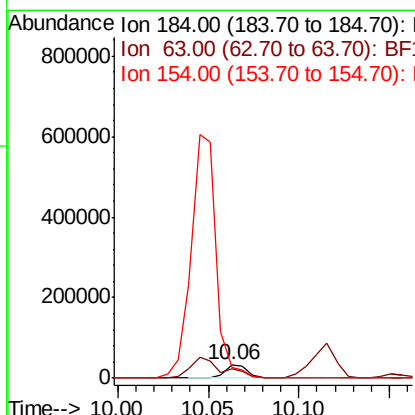
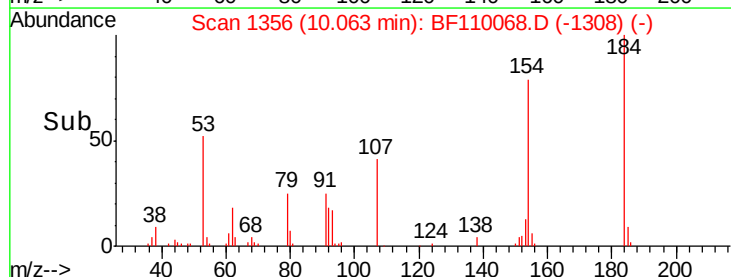


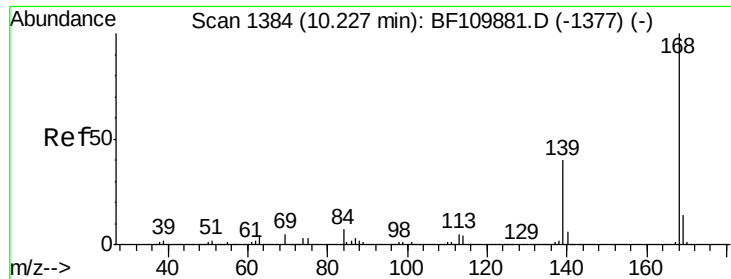
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





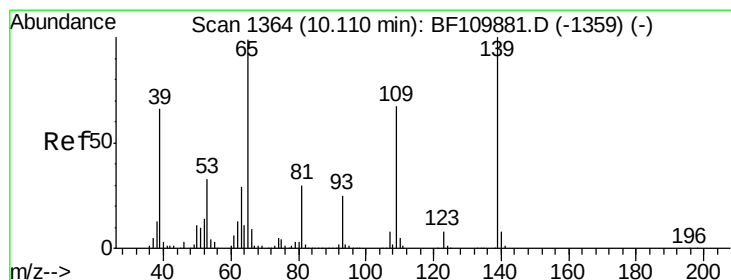
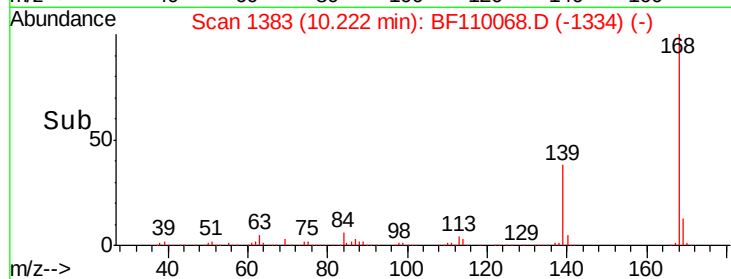
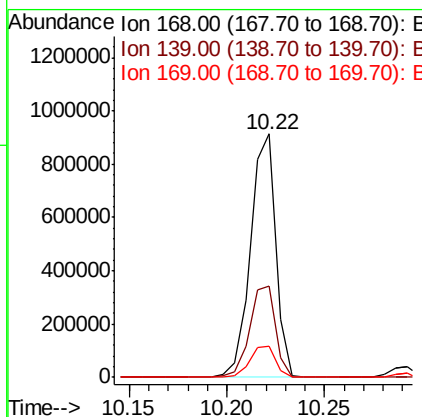
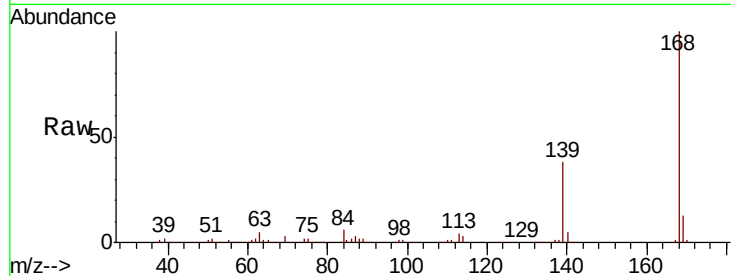
#55
Dibenzofuran
Concen: 30.143 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	33.0	49.6
169	12.8	11.3	16.9

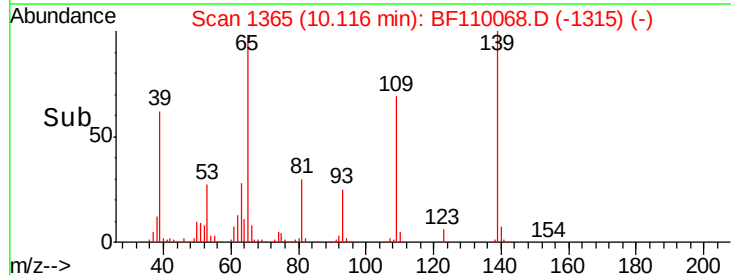
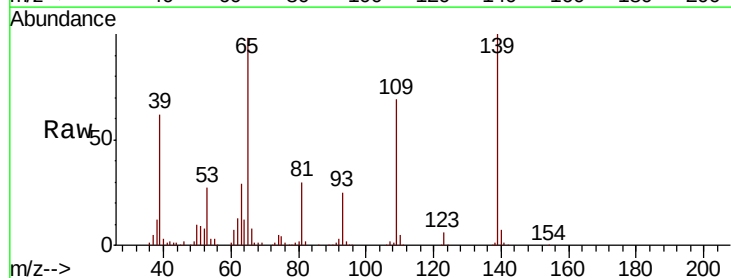
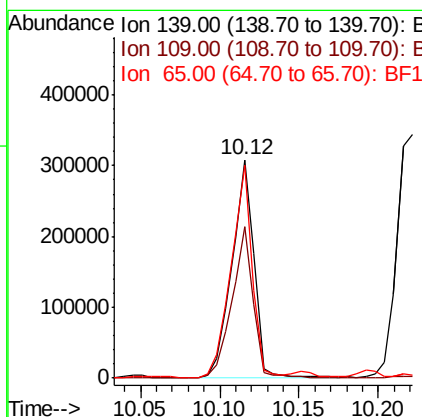
Manual Integrations
APPROVED

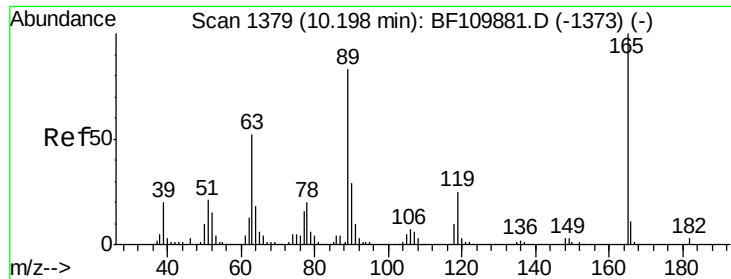
Sohil
10/23/2018 2:19:02 PM



#56
4-Nitrophenol
Concen: 76.863 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	55.8	95.8
65	97.6	77.9	117.9





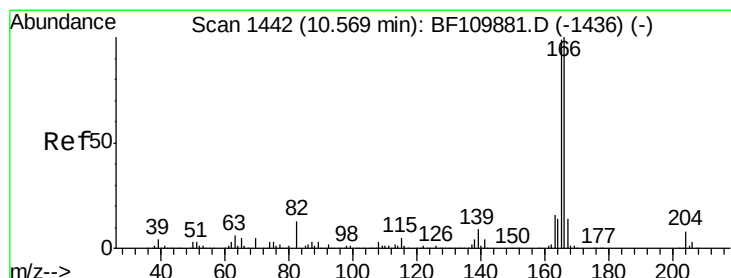
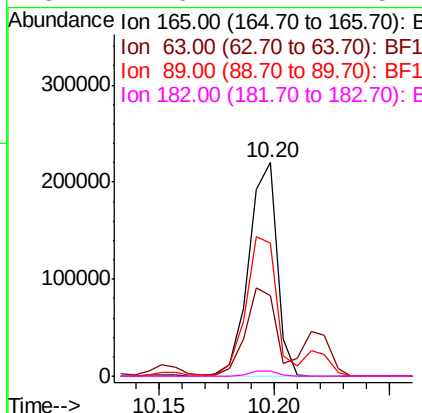
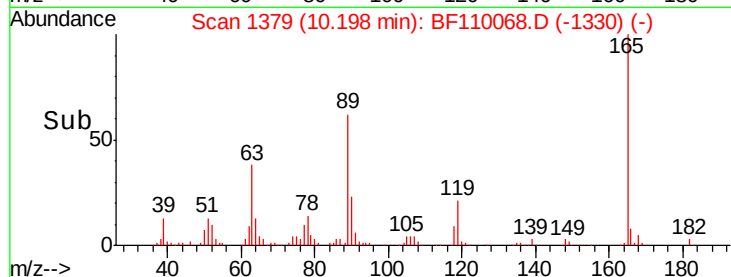
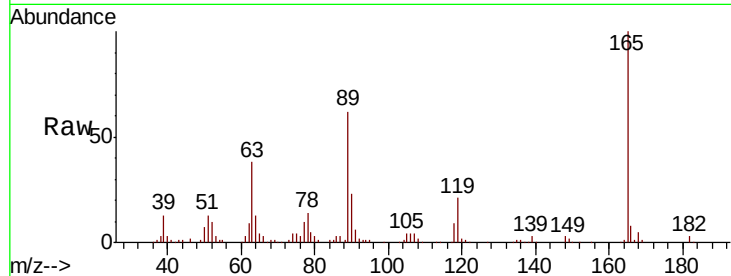
#57
2,4-Dinitrotoluene
Concen: 36.968 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	37.8	44.8	67.2#
89	62.2	62.2	93.4#
182	2.6	2.1	3.1

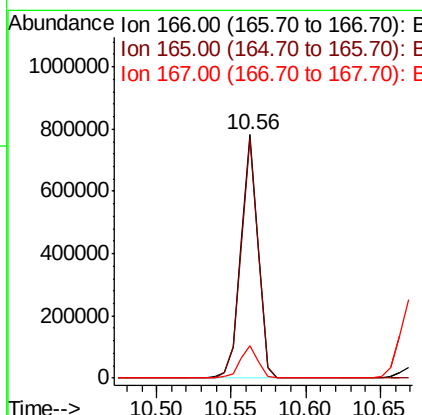
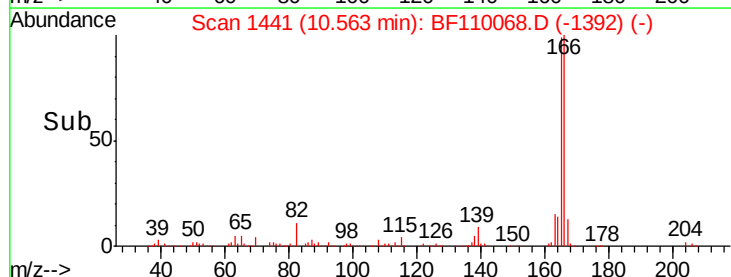
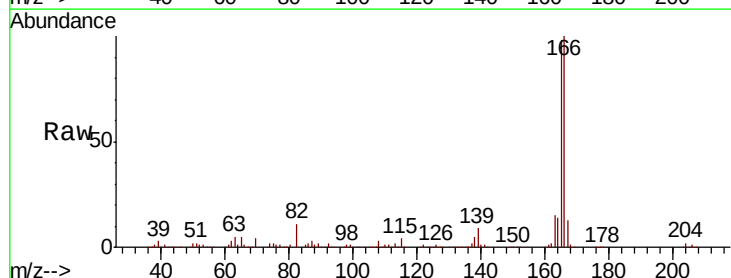
Manual Integrations
APPROVED

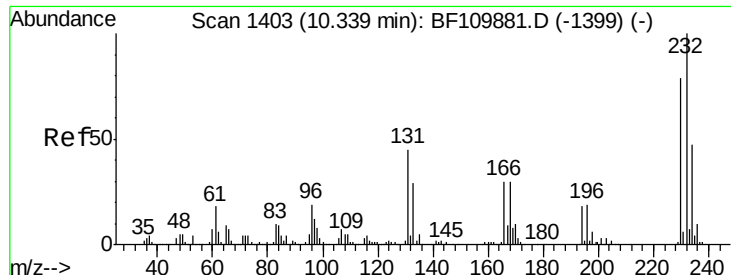
Sohil
10/23/2018 2:19:02 PM



#58
Fluorene
Concen: 31.680 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.4	10.8	16.2





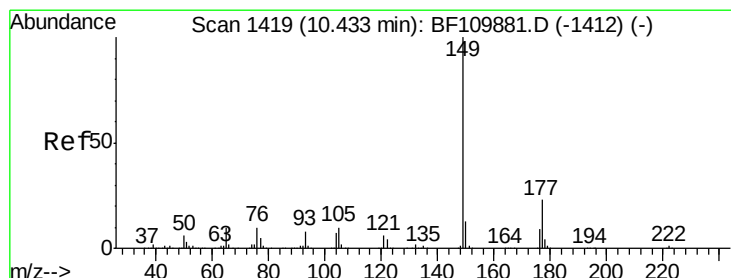
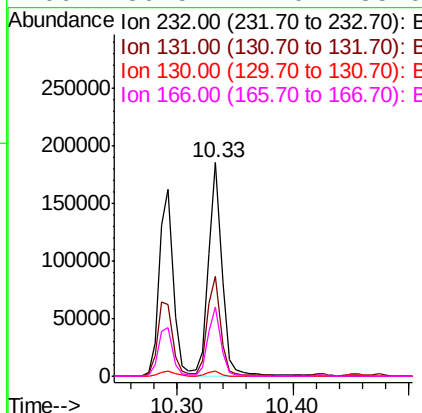
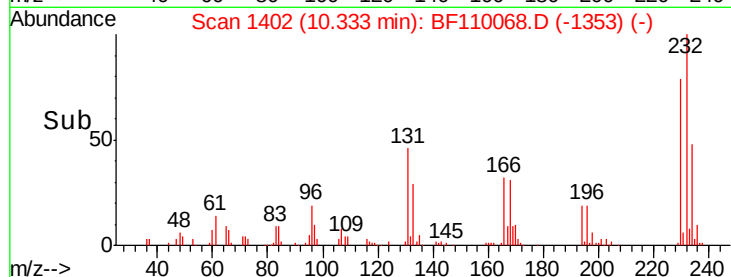
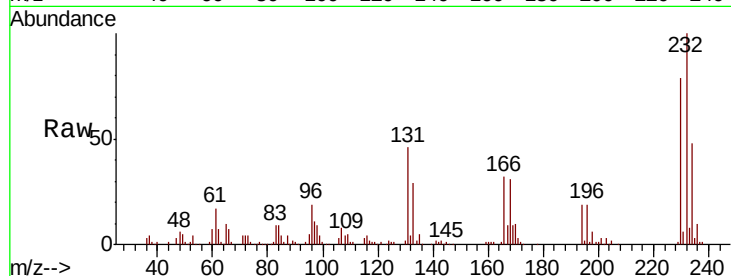
#59
2,3,4,6-Tetrachlorophenol
Concen: 30.865 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion:	232	Resp:	152720
Ion Ratio	Lower	Upper	
232	100		
131	46.6	37.0	55.4
130	2.2	1.8	2.6
166	30.5	22.0	33.0

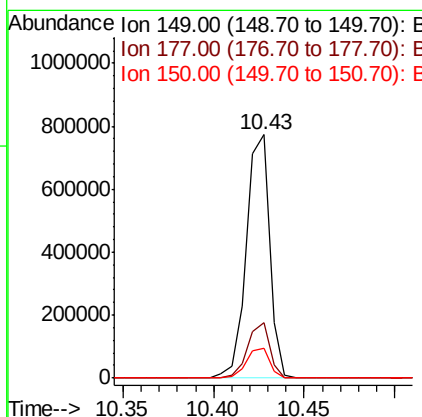
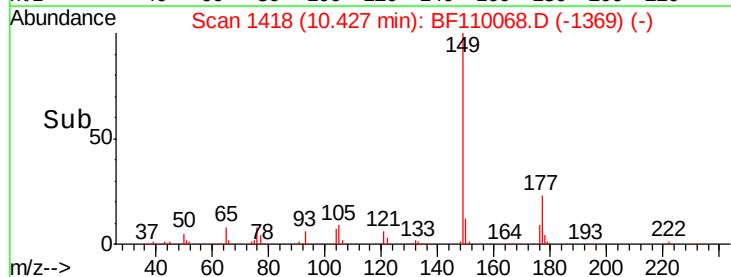
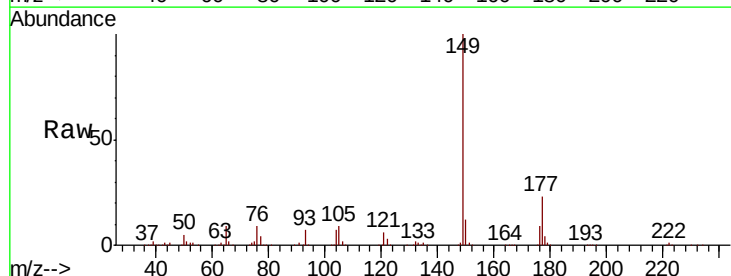
Manual Integrations
APPROVED

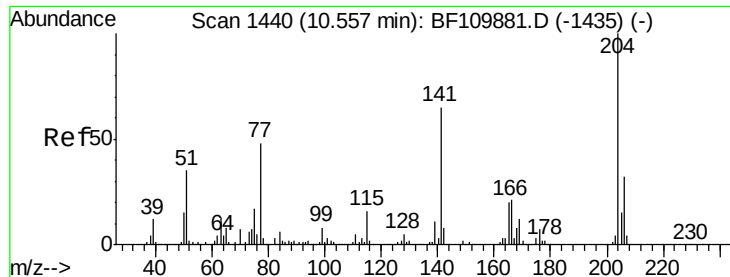
Sohil
10/23/2018 2:19:02 PM



#60
Diethylphthalate
Concen: 31.583 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:	149	Resp:	689883
Ion Ratio	Lower	Upper	
149	100		
177	23.0	17.4	26.2
150	12.1	9.8	14.8





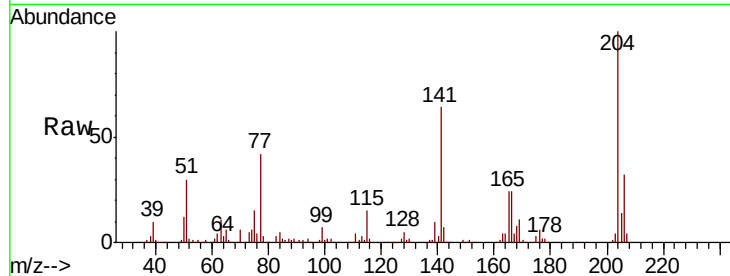
#61
4-Chlorophenyl-phenylether
Concen: 29.768 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	64.2	51.8	77.8

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM

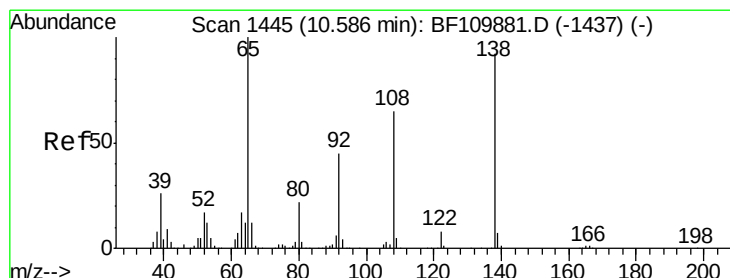
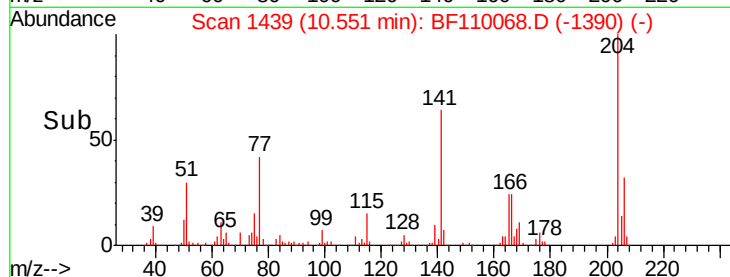
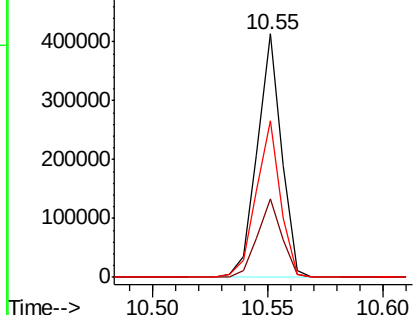


Abundance

Ion 204.00 (203.70 to 204.70): E

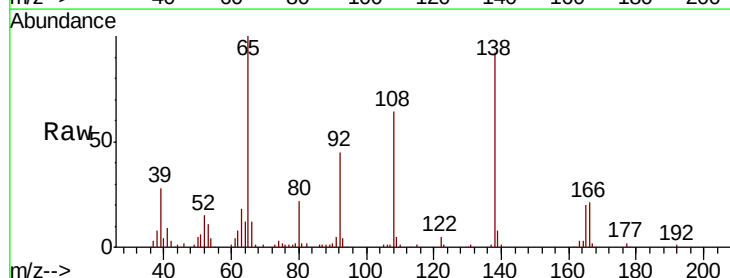
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 28.977 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	31.7	71.7
108	69.5	59.3	99.3

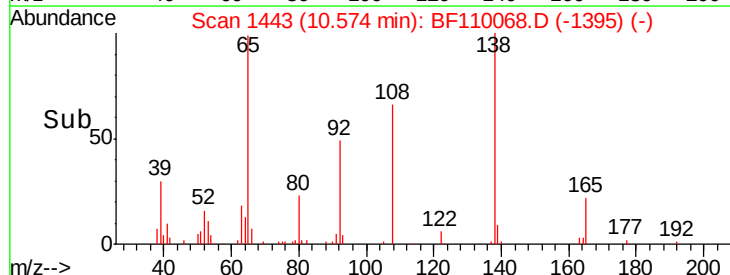
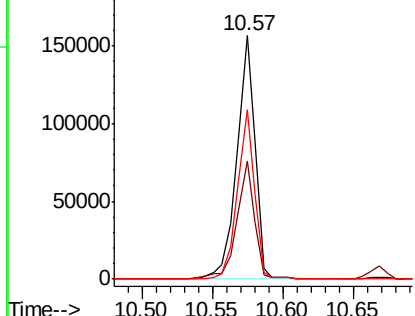


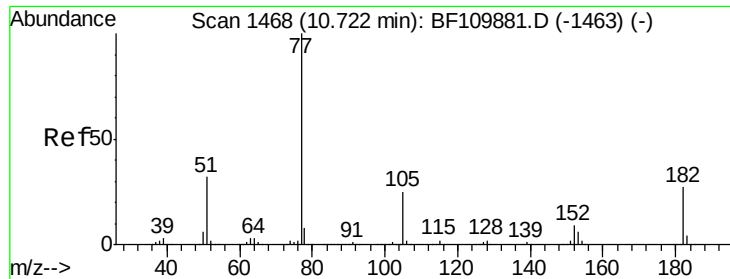
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





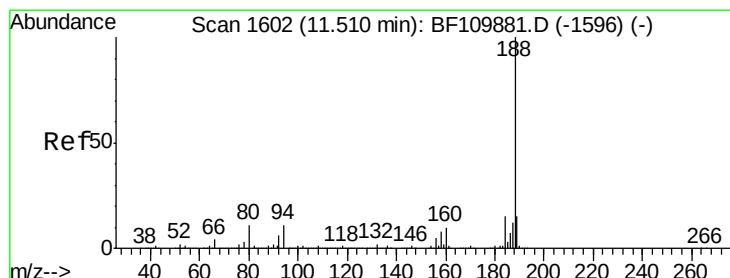
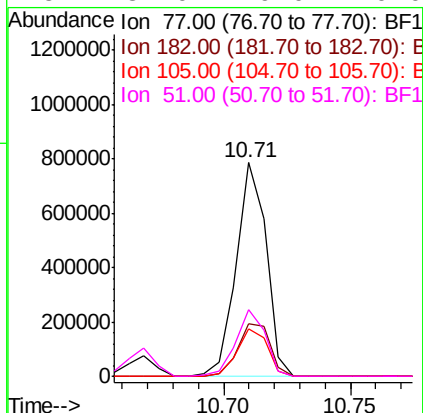
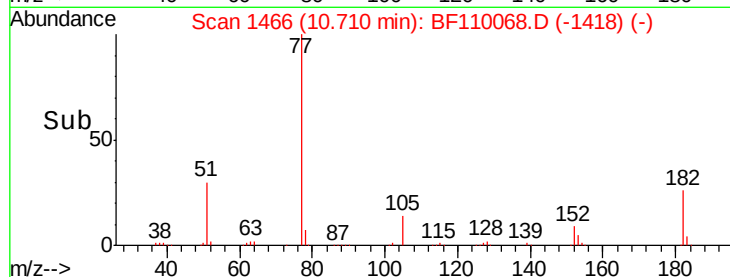
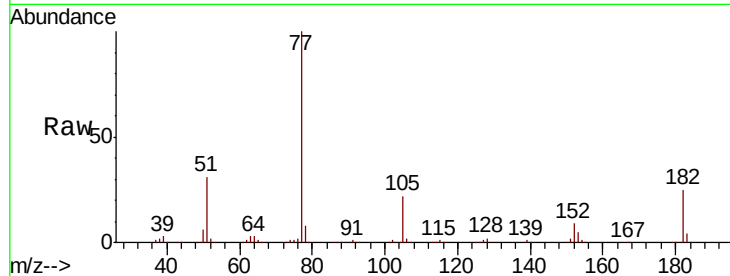
#63
Azobenzene
Concen: 28.248 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.8	4.3	44.3		
105	22.3	1.3	41.3		
51	31.0	9.0	49.0		

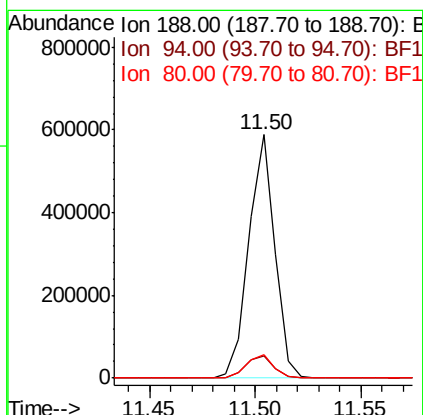
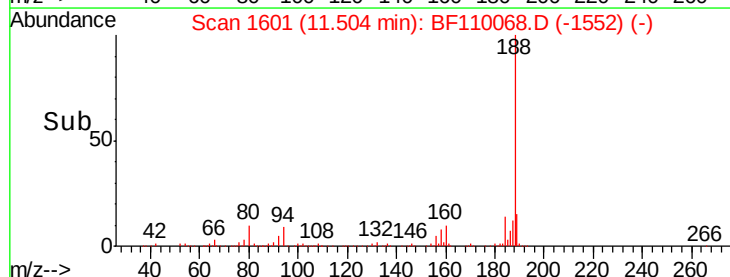
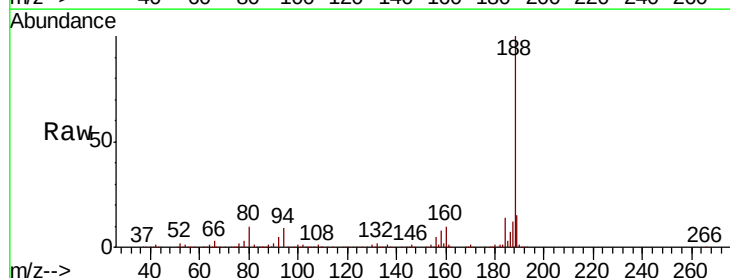
Manual Integrations
APPROVED

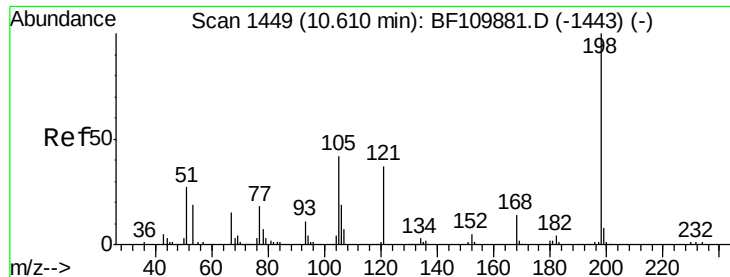
Sohil
10/23/2018 2:19:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.2	7.2	10.8		
80	9.7	7.9	11.9		





#65

4,6-Dinitro-2-methylphenol

Concen: 21.067 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

PB114045BSD

Tot Ion:198 Resp: 28871

Ion Ratio Lower Upper

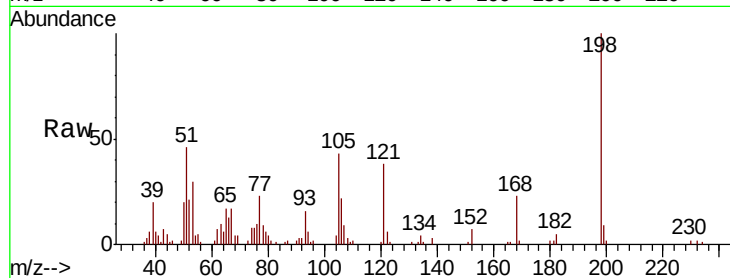
198 100

51 46.4 22.8 62.8

105 43.5 23.6 63.6

Manual Integrations
APPROVED

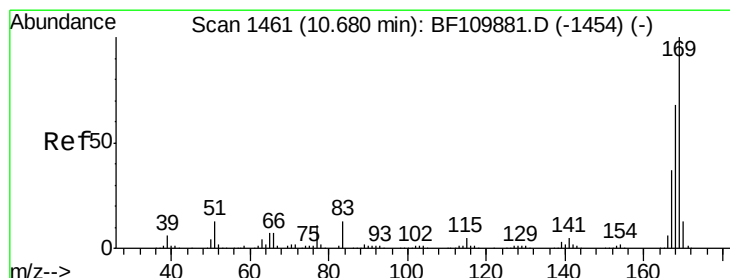
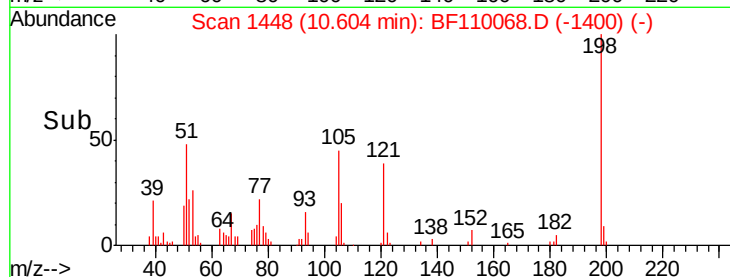
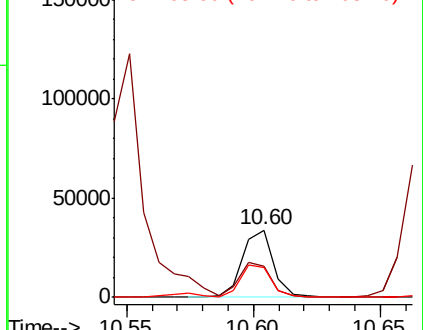
Sohil
10/23/2018 2:19:02 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.158 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

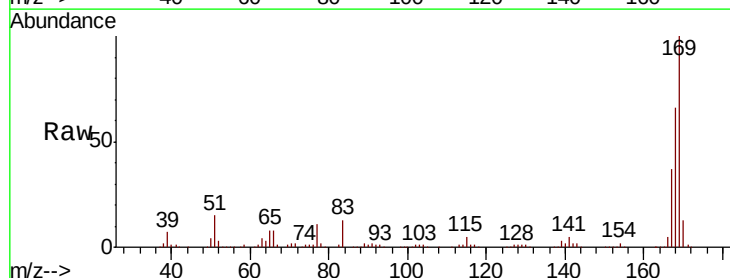
Tgt Ion:169 Resp: 558527

Ion Ratio Lower Upper

169 100

168 66.0 51.2 76.8

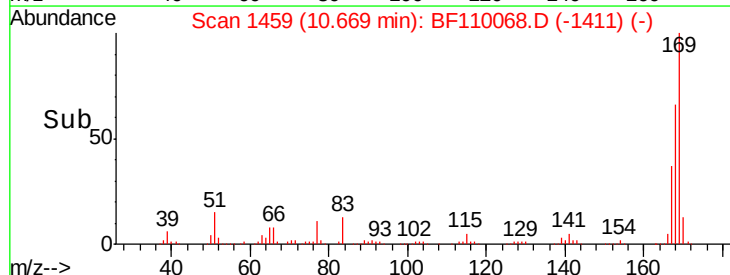
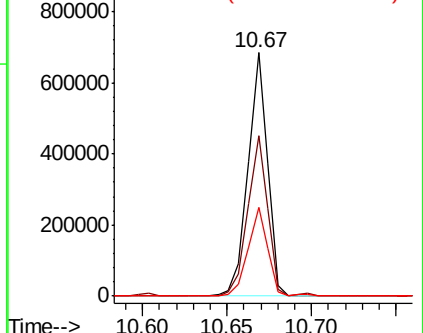
167 36.6 27.8 41.6

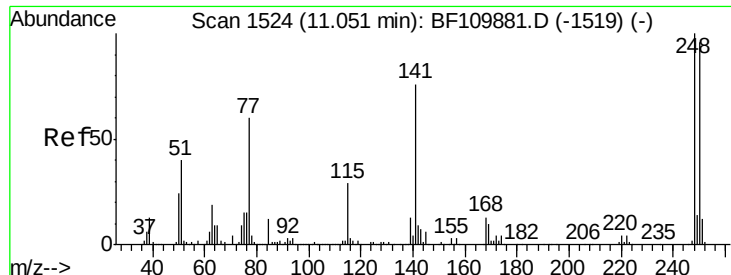


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





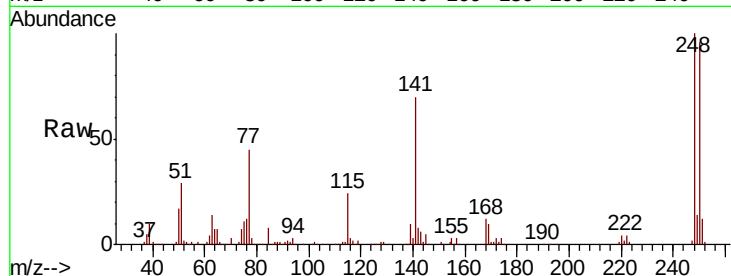
#67
4-Bromophenyl-phenylether
Concen: 32.889 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.4	119.2
141	69.5	55.9	83.9

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM

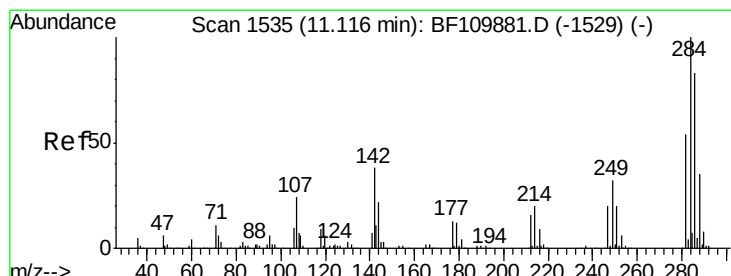
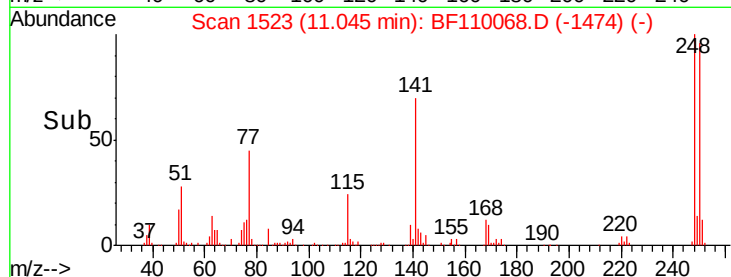
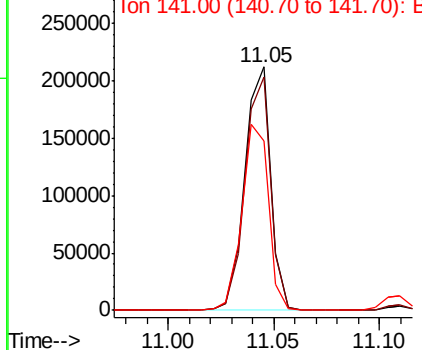


Abundance

Ion 248.00 (247.70 to 248.70): E

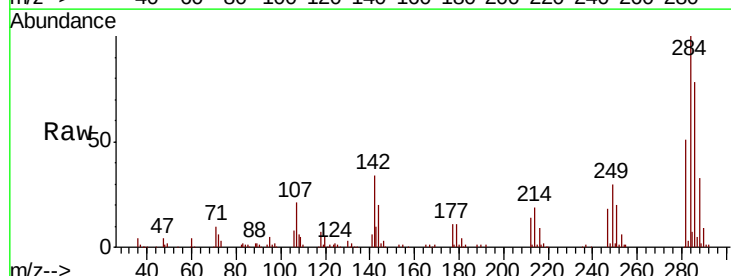
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 30.416 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	23.9	35.9
249	30.1	24.2	36.2

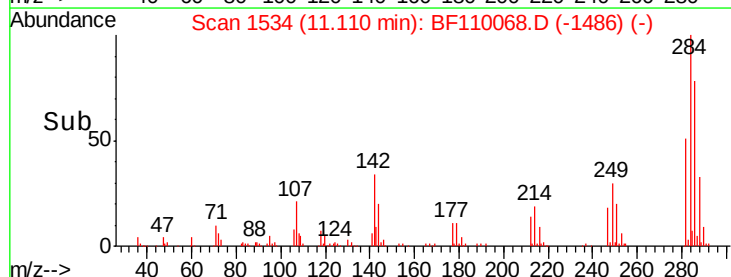
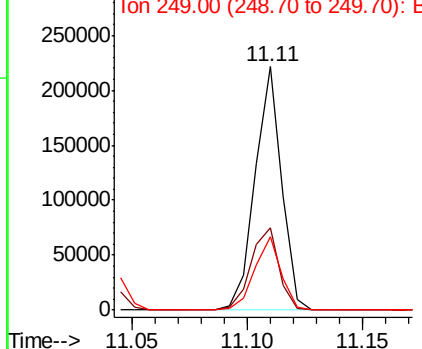


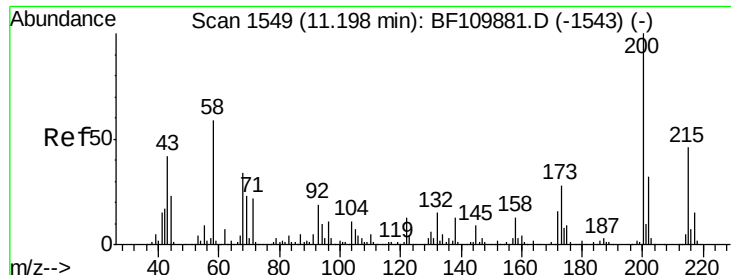
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





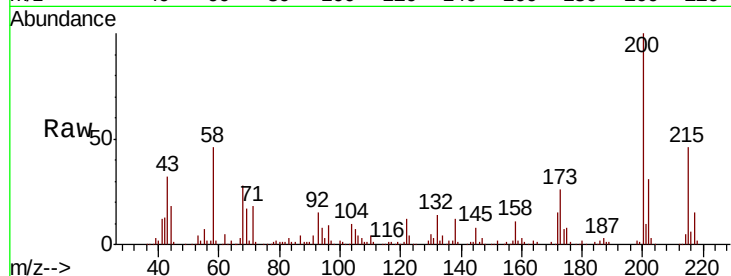
#69
Atrazine
Concen: 34.005 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.5	6.6	46.6
215	45.9	26.3	66.3

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM

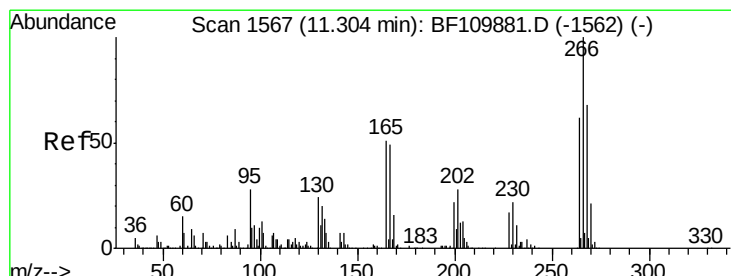
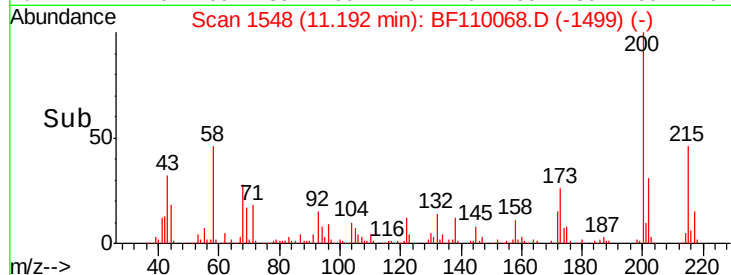
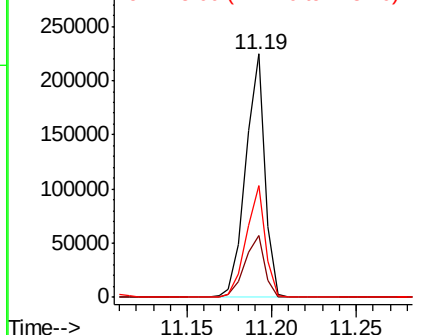


Abundance

Ion 200.00 (199.70 to 200.70): E

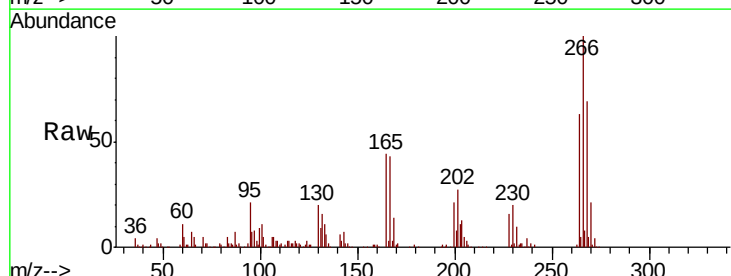
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.968 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.1	50.6	75.8
264	63.0	50.6	75.8

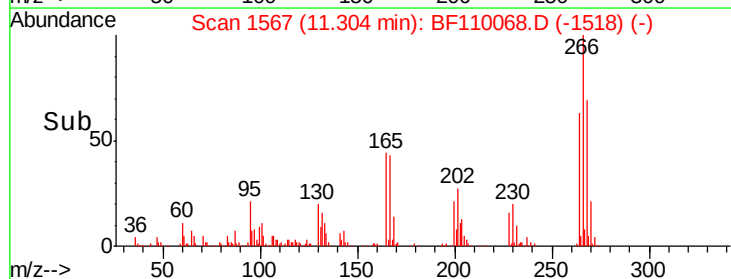
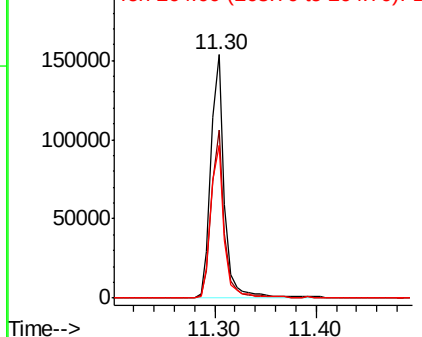


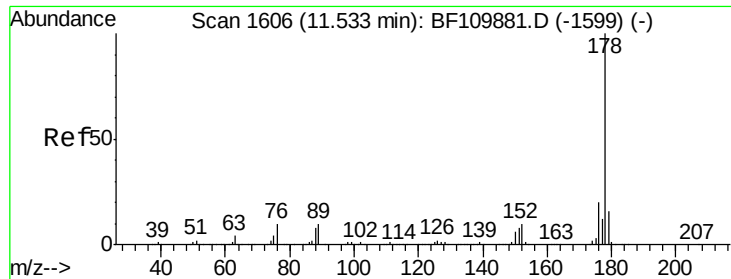
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 31.868 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

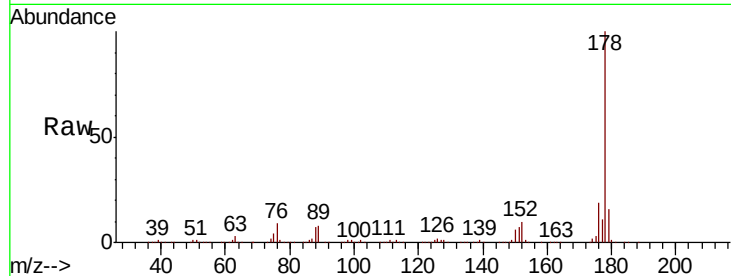
ClientSampleId :

PB114045BSD

Tot Ion:	178	Resp:	834388
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.5	23.3
179	15.7	12.5	18.7

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM

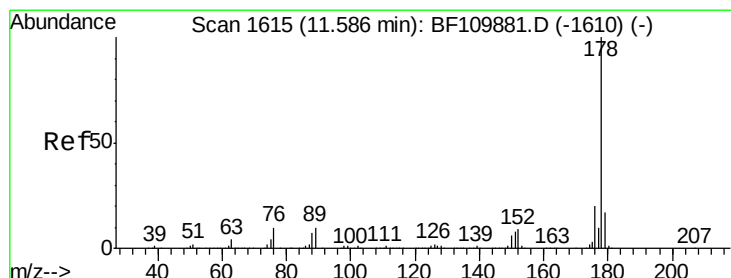
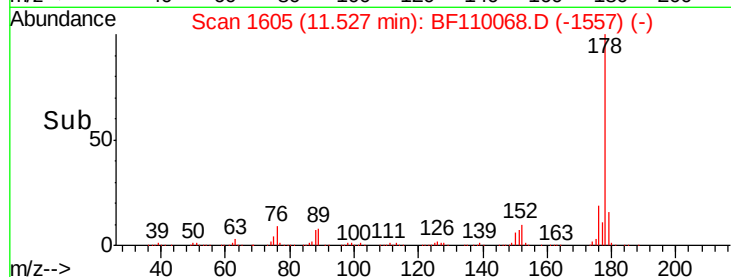
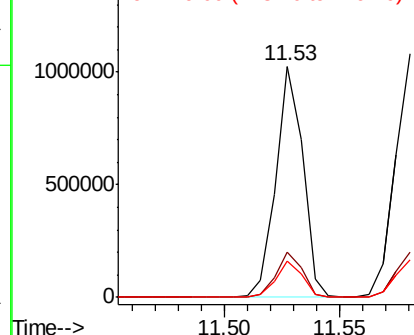


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 32.948 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

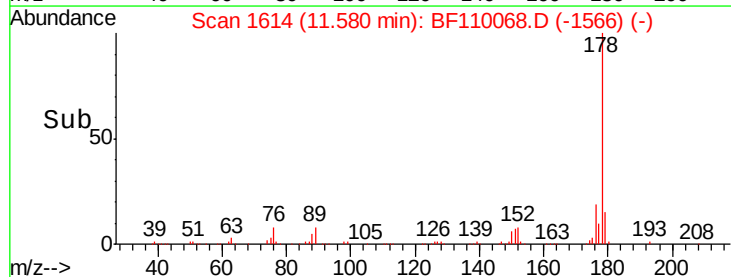
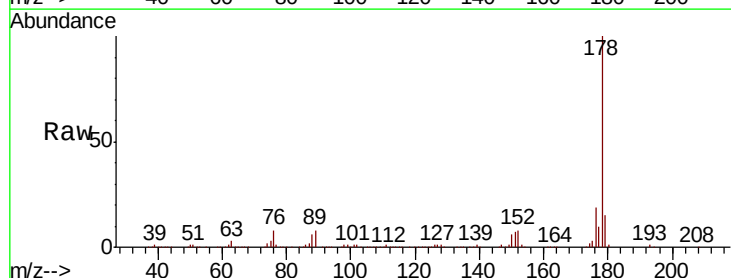
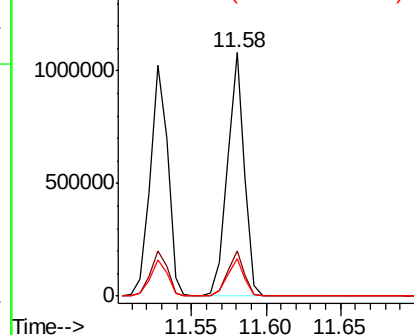
Tgt Ion:	178	Resp:	867296
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.4	23.2
179	15.2	12.6	18.8

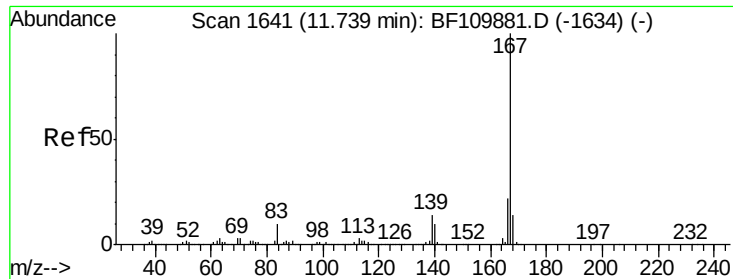
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 27.979 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

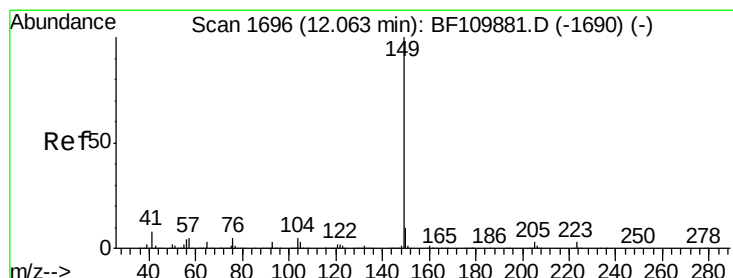
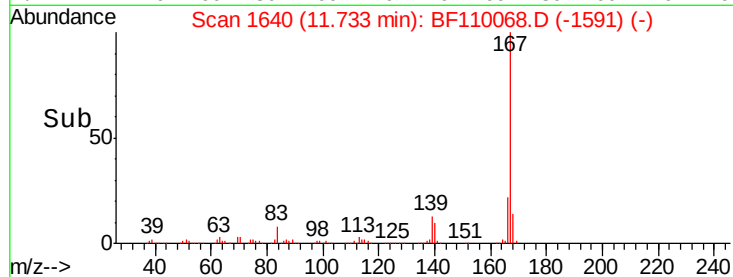
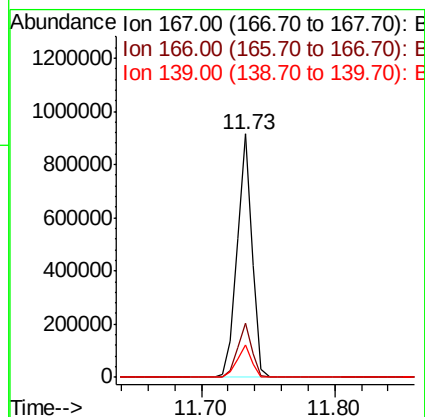
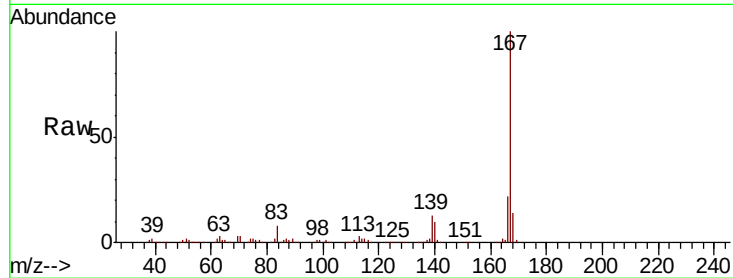
ClientSampleId :

PB114045BSD

Tot Ion:	167	Resp:	723824
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.4	26.0
139	13.1	10.9	16.3

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#74

Di-n-butylphthalate

Concen: 33.515 ng

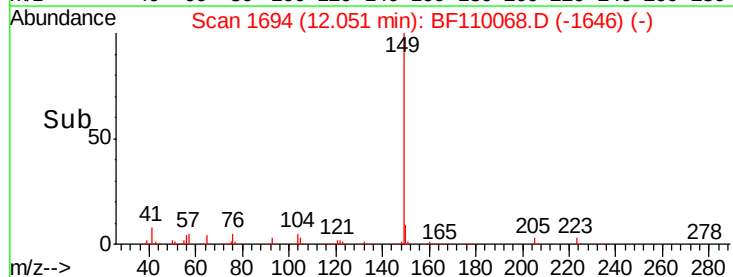
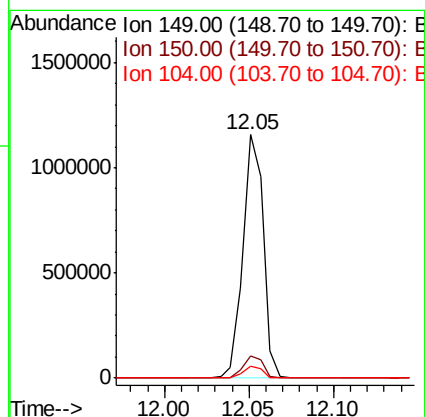
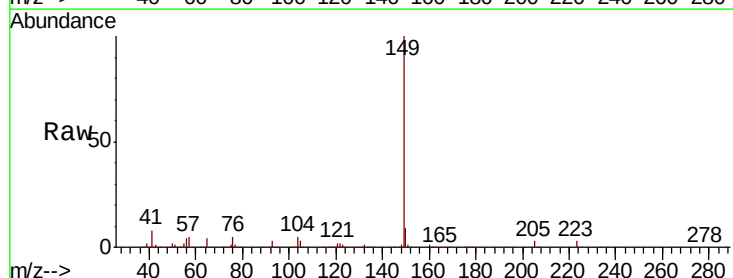
RT: 12.05 min Scan# 1694

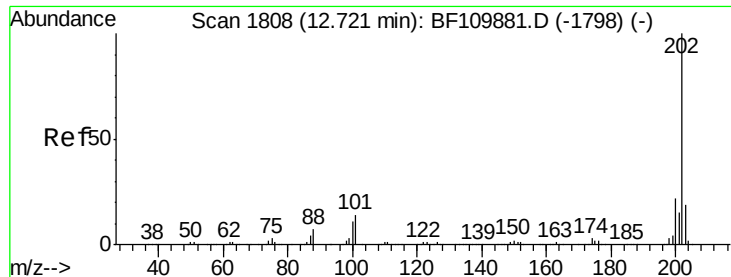
Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	149	Resp:	967631
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	5.1	4.2	6.4





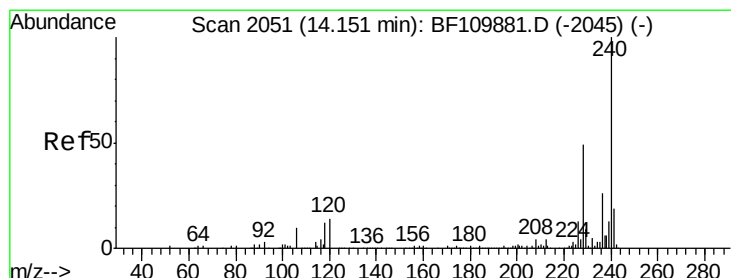
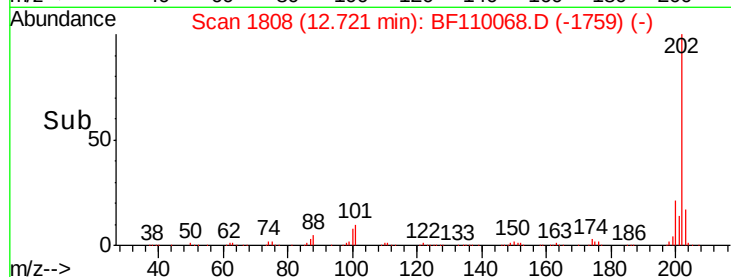
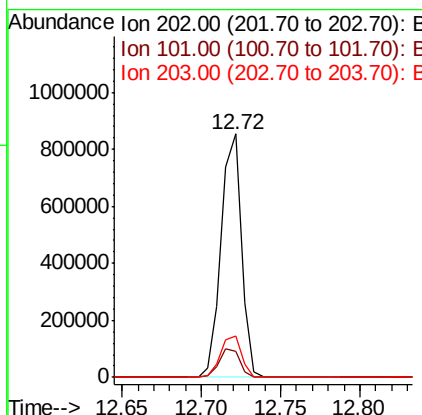
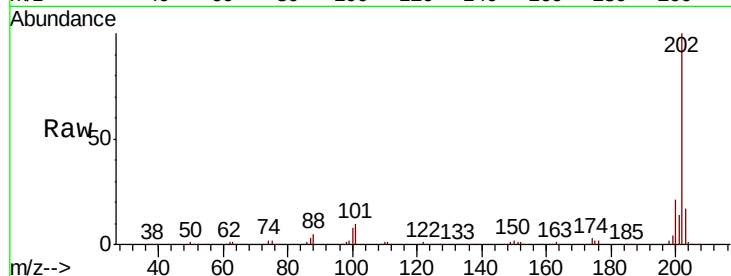
#75
 Fluoranthene
 Concen: 29.192 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	31.4
203	16.8	0.0	37.7

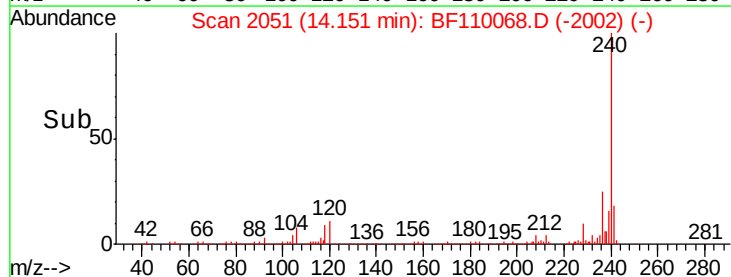
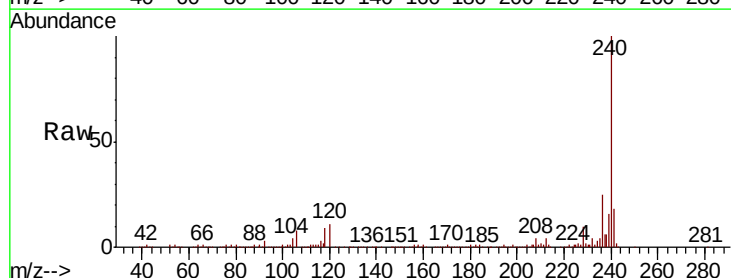
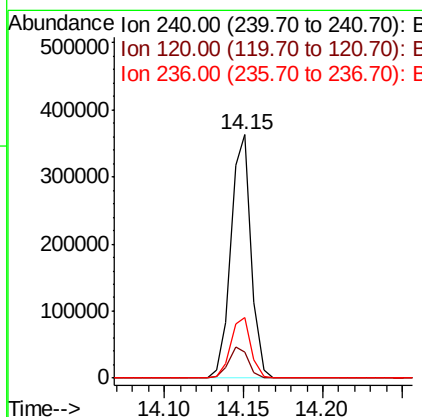
Manual Integrations
 APPROVED

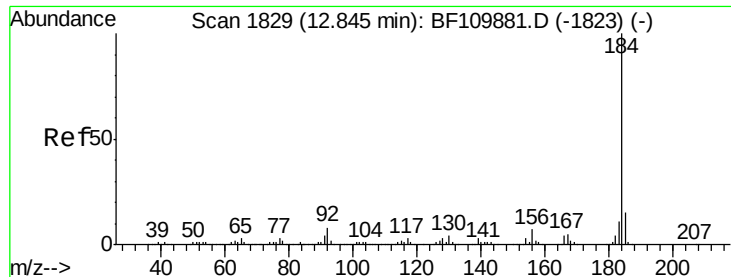
Sohil
 10/23/2018 2:19:02 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.8	21.2	31.8





#77

Benzidine

Concen: 35.753 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

PB114045BSD

Tot Ion:184 Resp: 436878

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

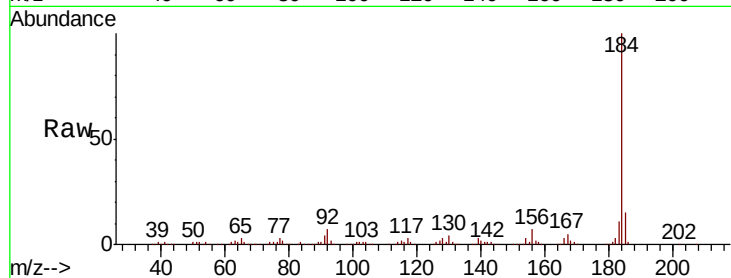
183 11.5 9.4 14.2

Manual Integrations

APPROVED

Sohil

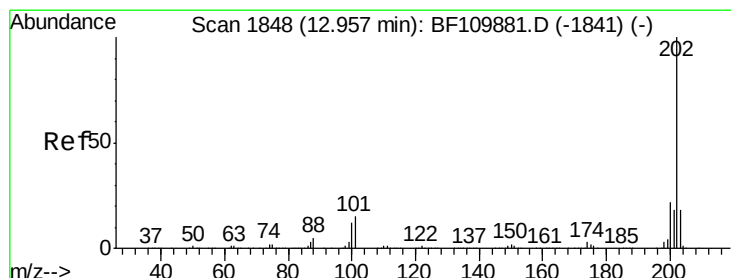
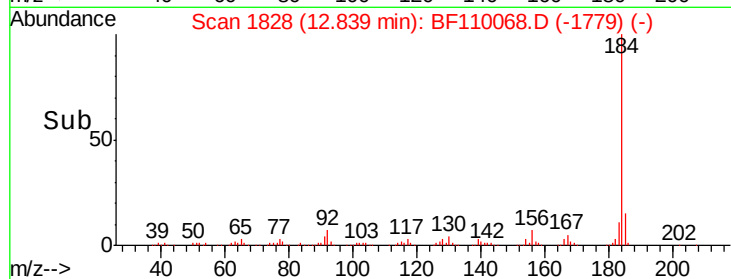
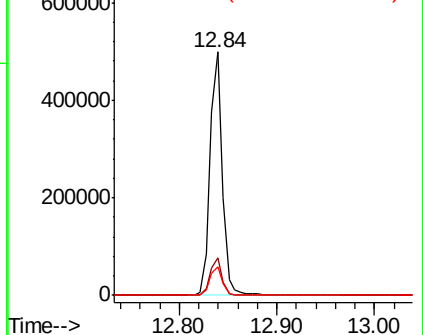
10/23/2018 2:19:02 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.827 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

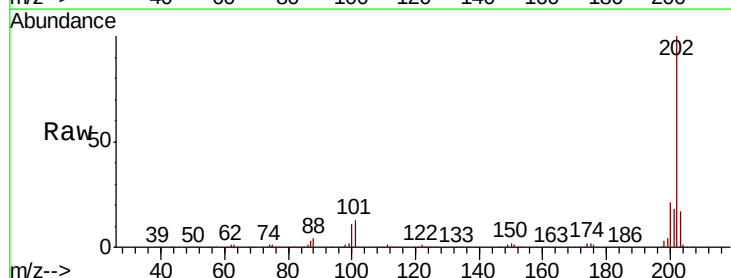
Tgt Ion:202 Resp: 744994

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

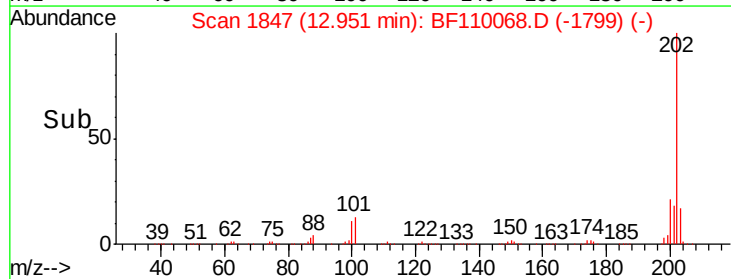
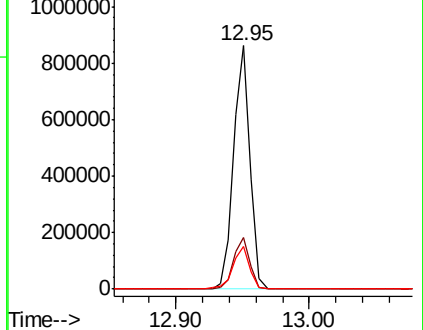
203 17.5 14.2 21.4

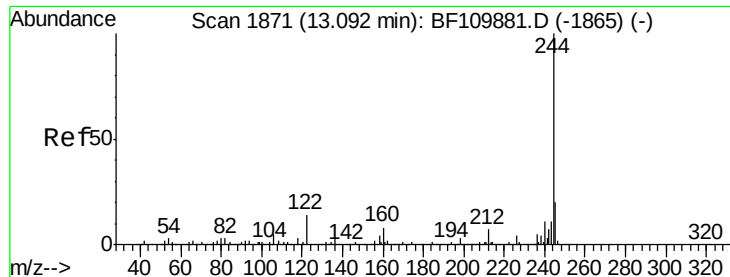


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





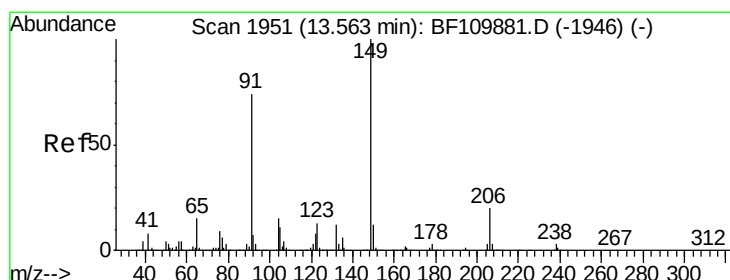
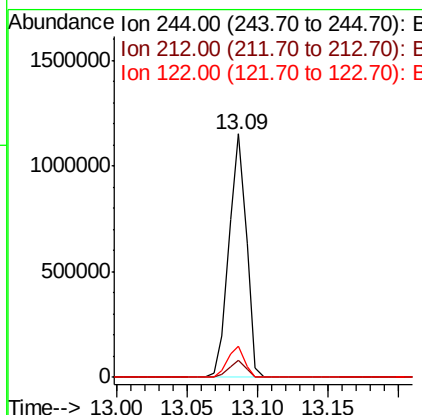
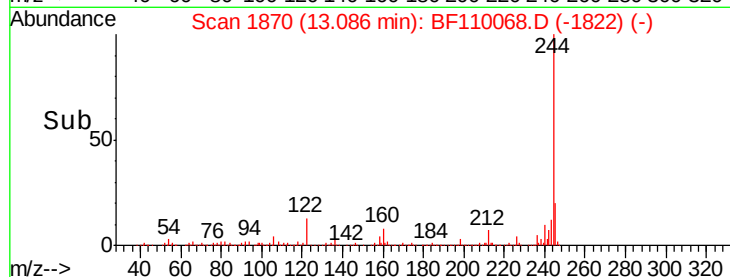
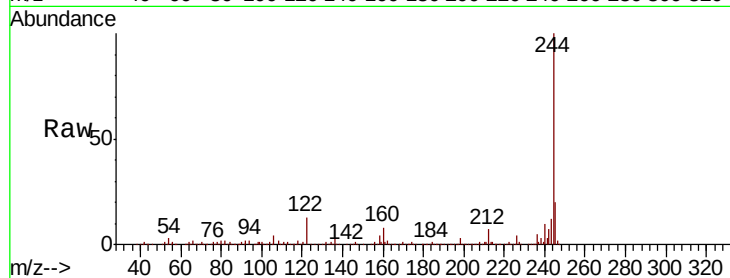
#79
 Terphenyl-d14
 Concen: 65.111 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.8	8.7	13.1

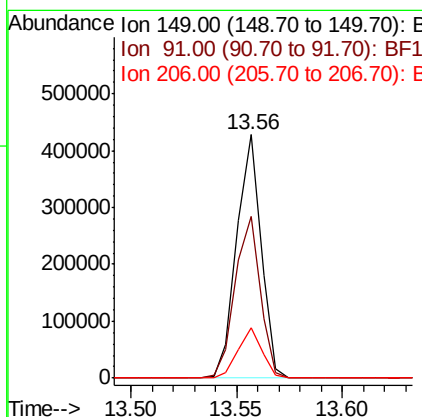
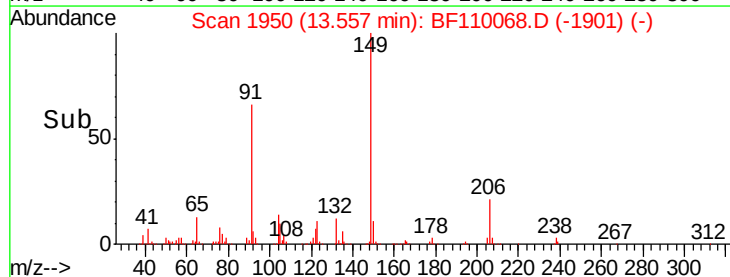
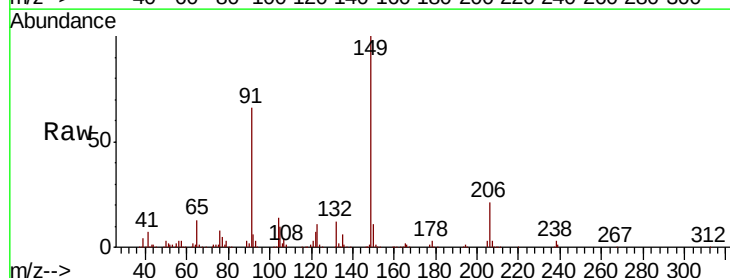
Manual Integrations
 APPROVED

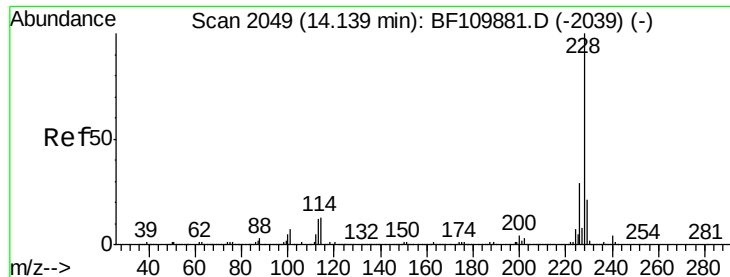
Sohil
 10/23/2018 2:19:02 PM



#80
 Butylbenzylphthalate
 Concen: 36.072 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	57.2	85.8
206	20.6	15.7	23.5





#81

Benzo(a)anthracene

Concen: 31.457 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

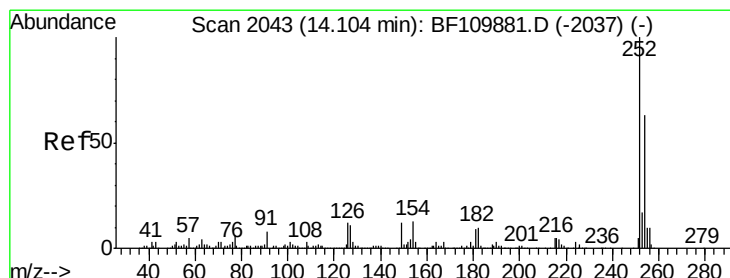
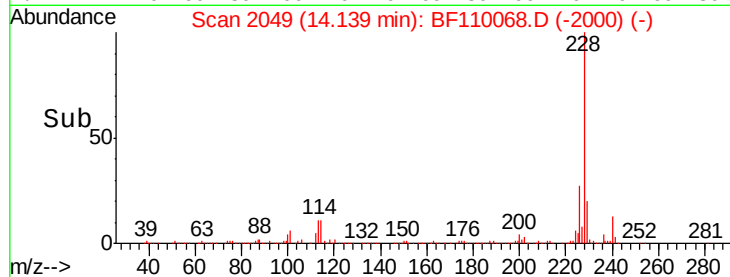
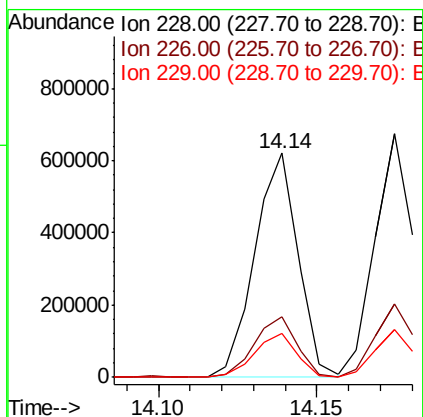
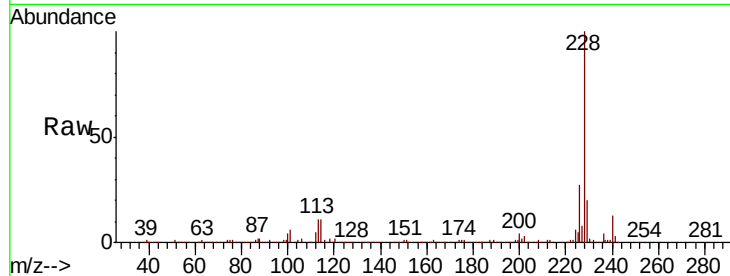
ClientSampleId :

PB114045BSD

Tot Ion:	228	Resp:	590516
Ion Ratio		Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.8	15.6	23.4

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#82

3,3'-Dichlorobenzidine

Concen: 26.941 ng

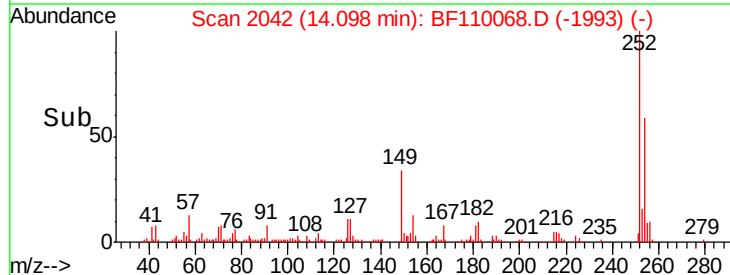
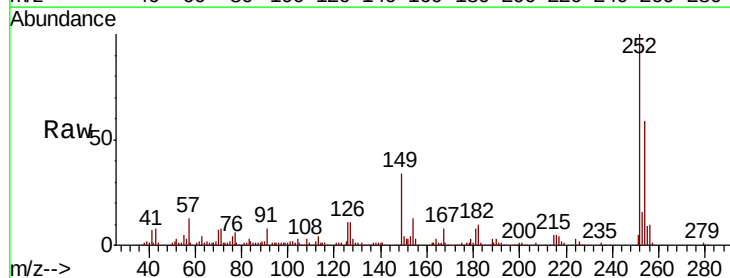
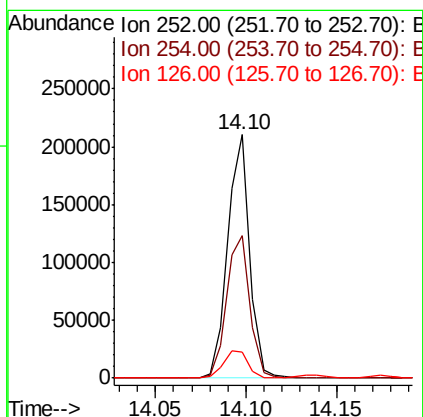
RT: 14.10 min Scan# 2042

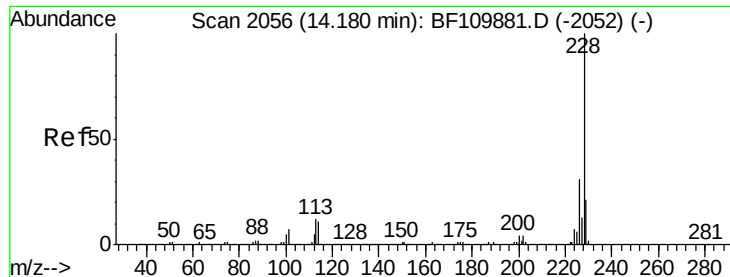
Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	252	Resp:	177301
Ion Ratio		Lower	Upper
252	100		
254	58.8	51.3	76.9
126	10.7	9.4	14.2





#83

Chrysene

Concen: 31.368 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

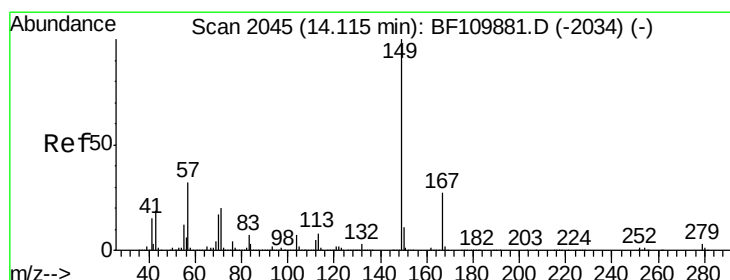
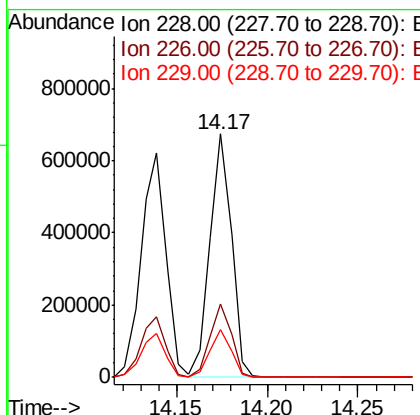
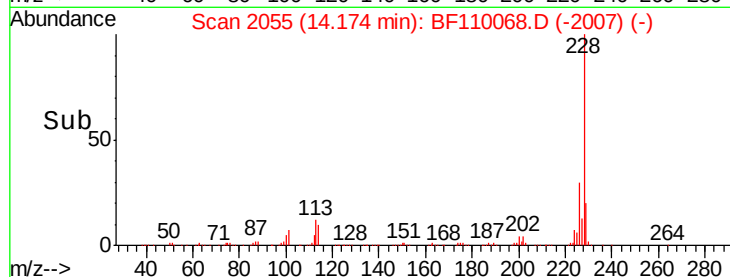
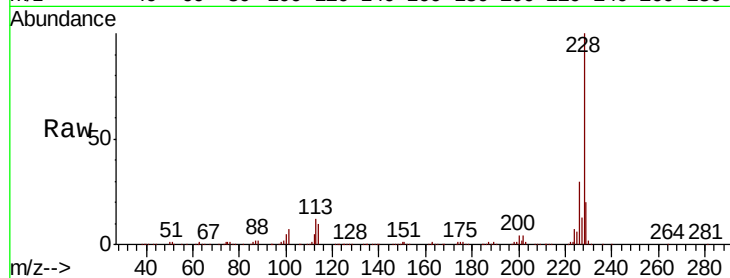
ClientSampleId :

PB114045BSD

Tot Ion:	228	Resp:	560489
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.7	37.1
229	19.7	15.9	23.9

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.069 ng

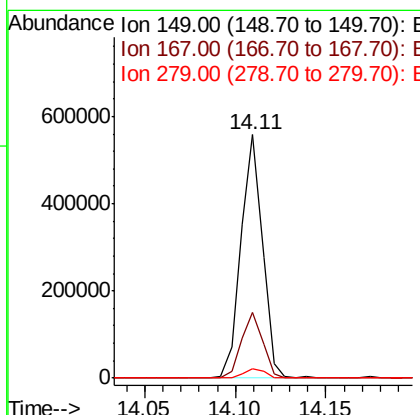
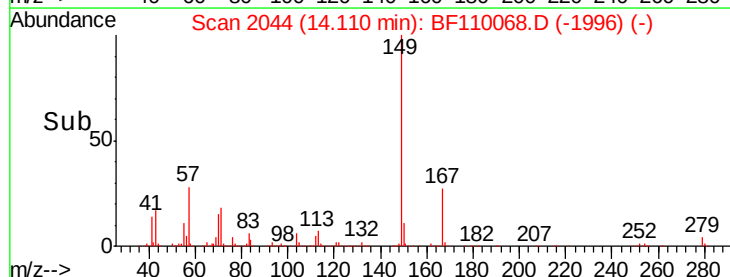
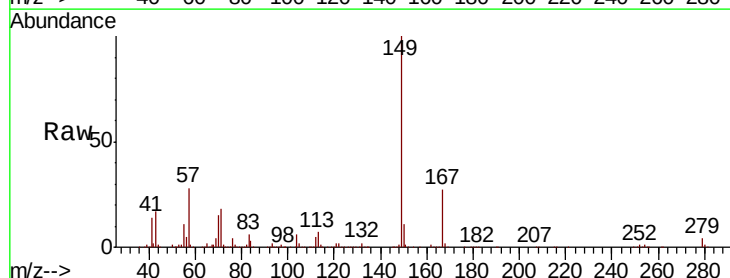
RT: 14.11 min Scan# 2044

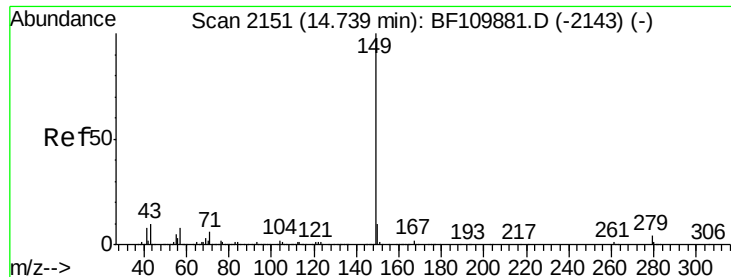
Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	149	Resp:	461588
Ion Ratio	Lower	Upper	
149	100		
167	27.0	19.8	29.8
279	3.6	2.7	4.1





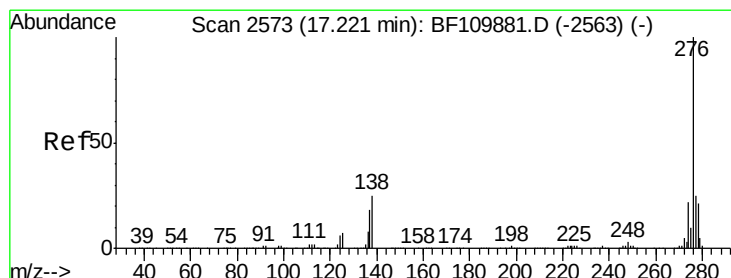
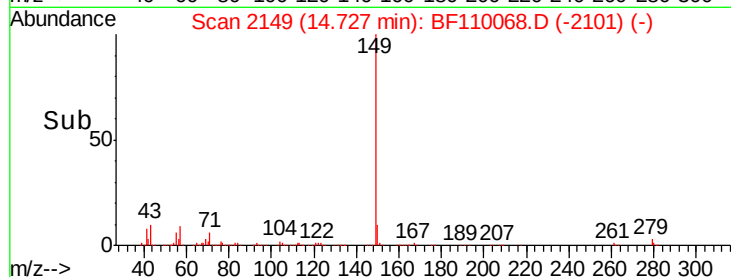
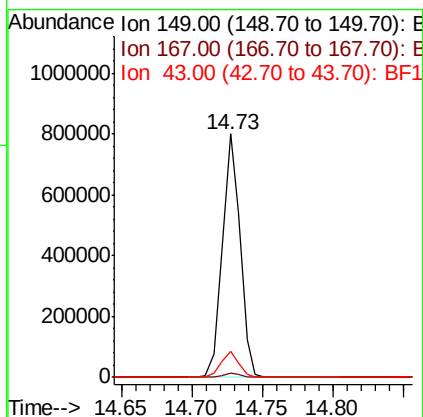
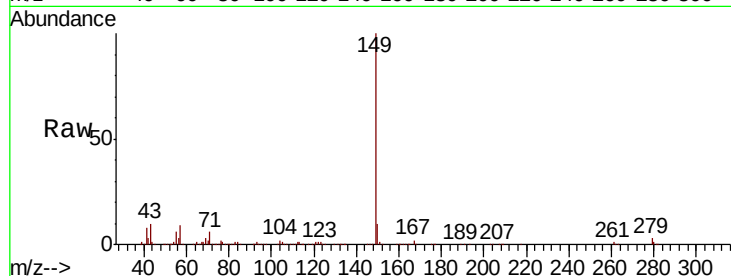
#85
Di-n-octyl phthalate
Concen: 39.923 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.2	7.8	11.8

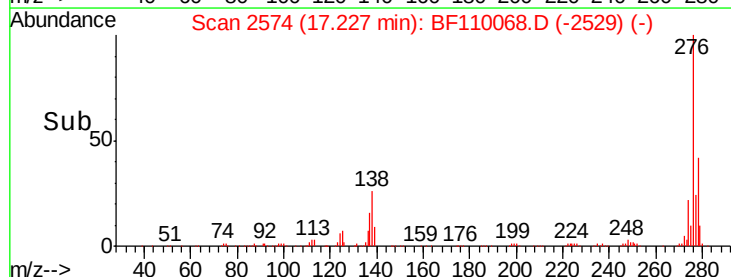
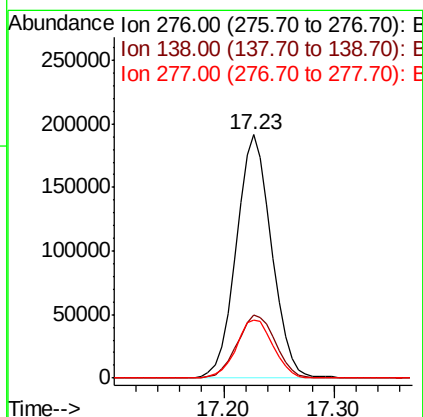
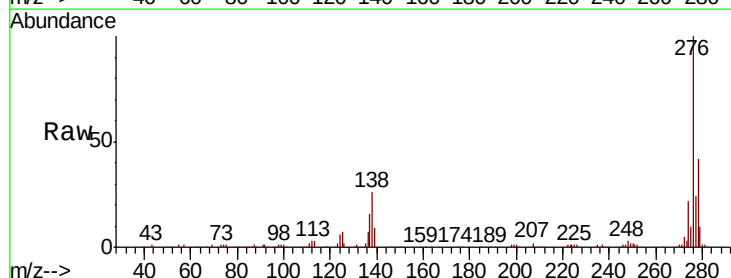
Manual Integrations
APPROVED

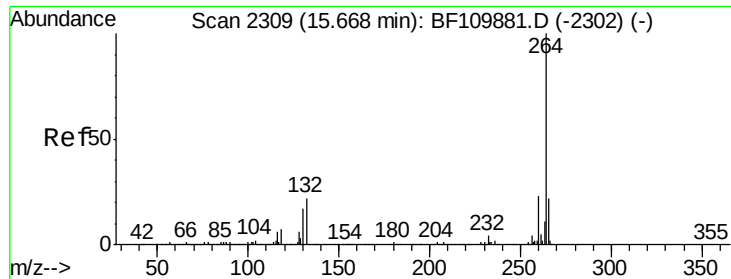
Sohil
10/23/2018 2:19:02 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 29.854 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	18.5	27.7#
277	25.2	20.0	30.0





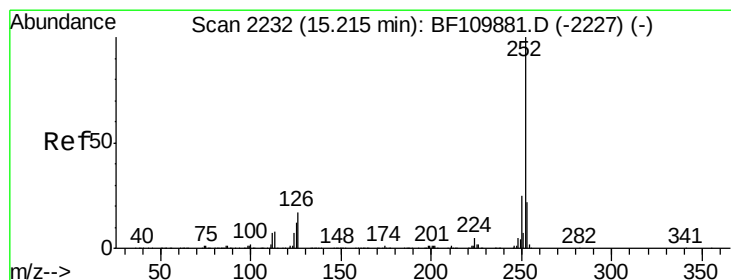
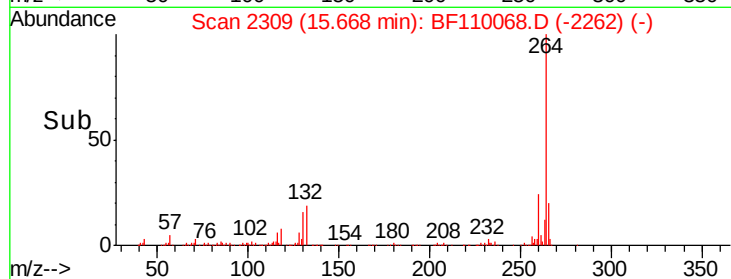
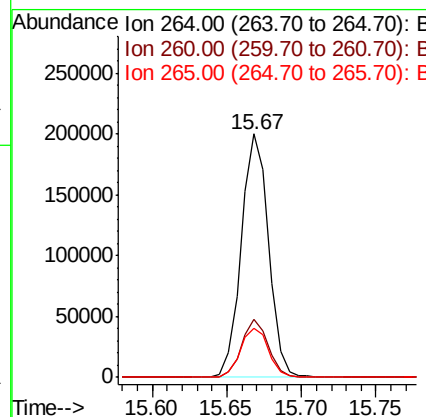
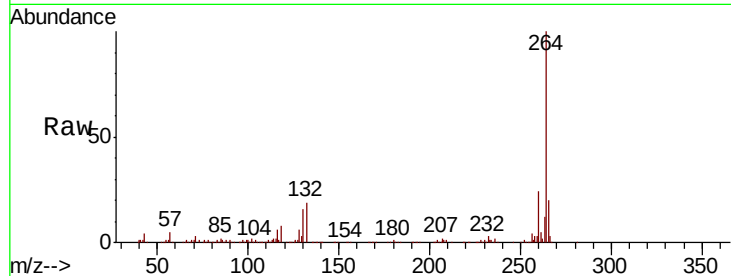
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.4	16.7	25.1

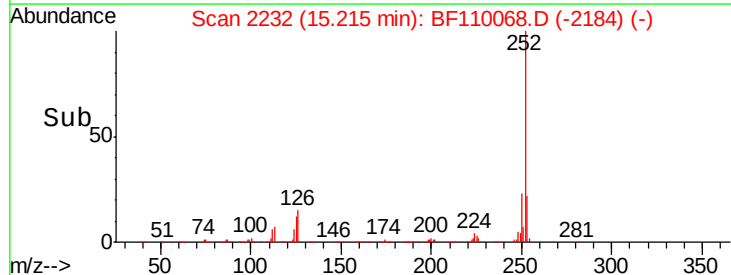
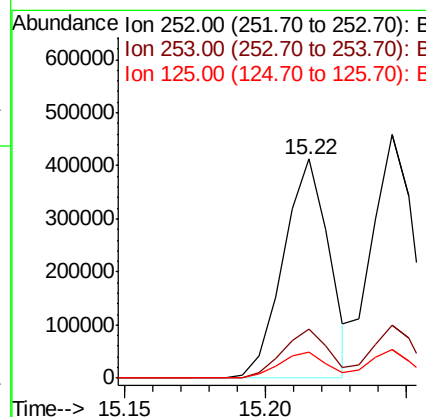
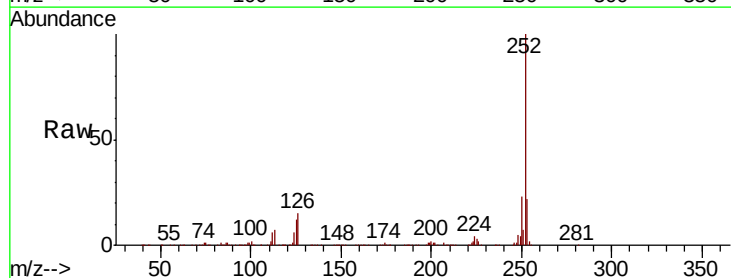
Manual Integrations
APPROVED

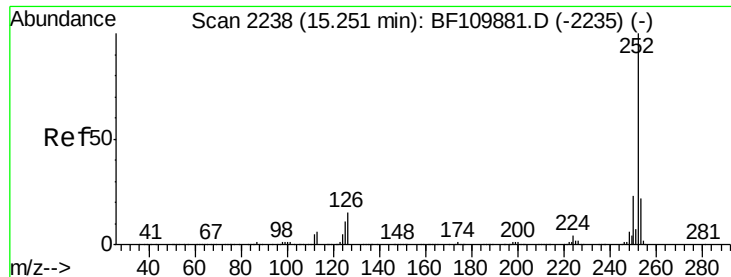
Sohil
10/23/2018 2:19:02 PM



#88
Benzo(b)fluoranthene
Concen: 31.632 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.7	8.2	12.4





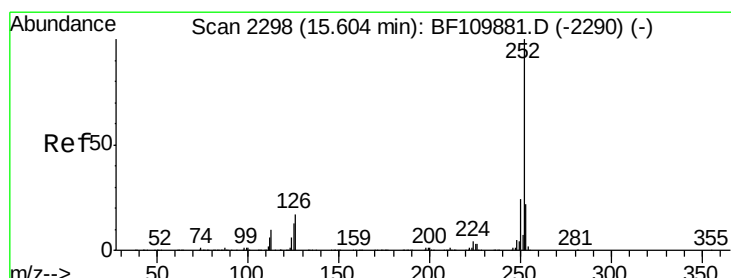
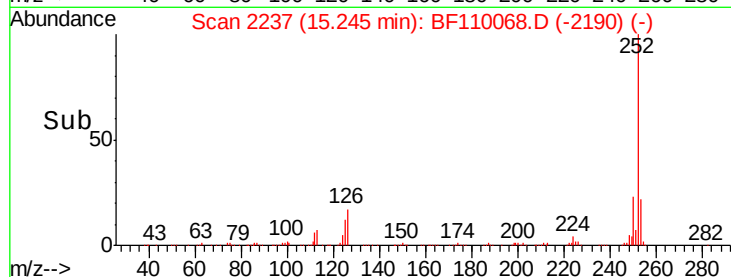
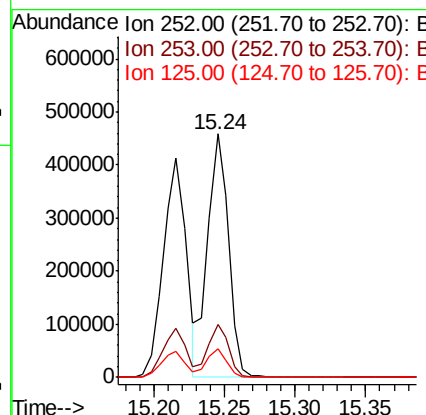
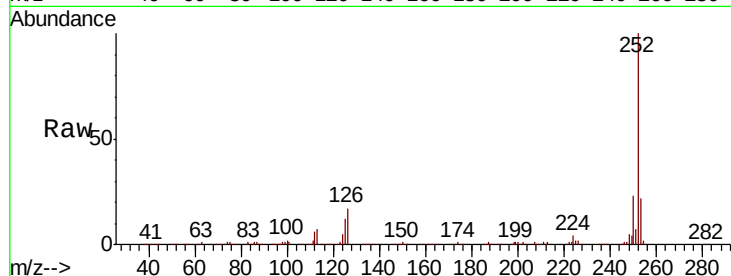
#89
Benzo(k)fluoranthene
Concen: 32.630 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.5	7.4	11.0

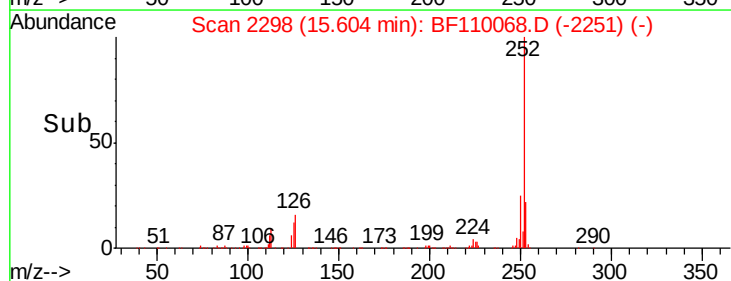
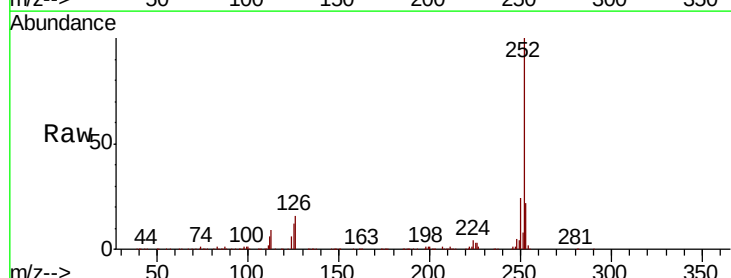
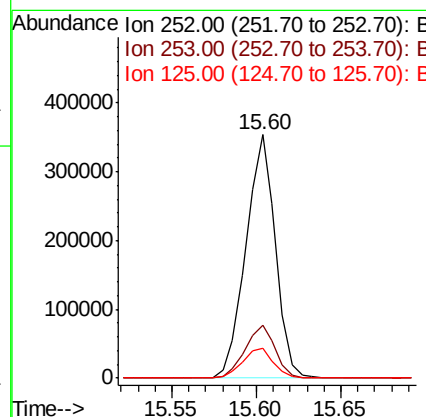
Manual Integrations
APPROVED

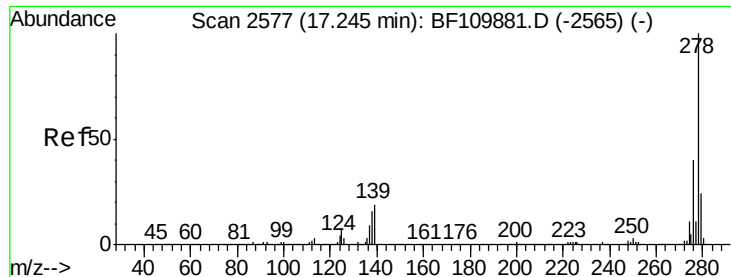
Sohil
10/23/2018 2:19:02 PM



#90
Benzo(a)pyrene
Concen: 31.968 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.5	9.0	13.6





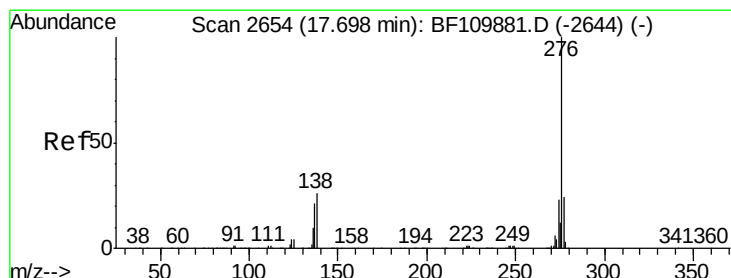
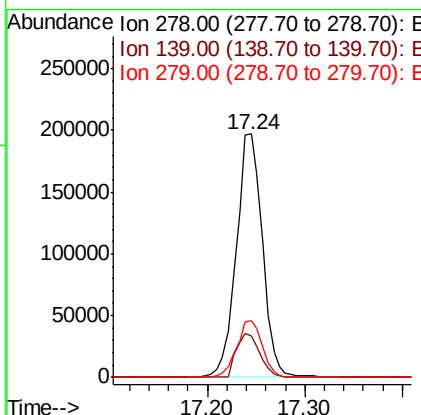
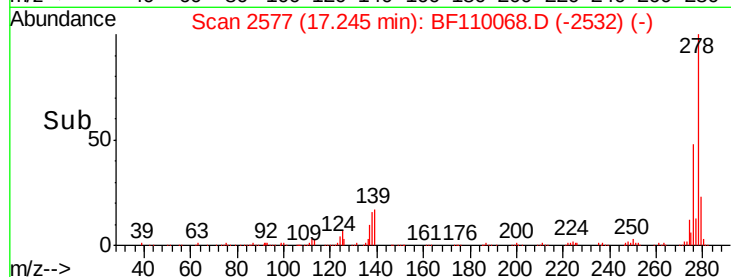
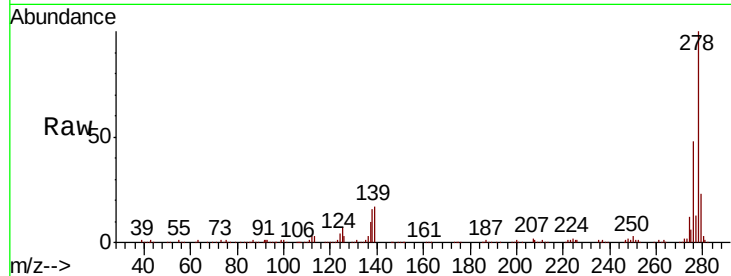
#91
Dibenzo(a,h)anthracene
Concen: 30.467 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.7	19.1
279	23.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/23/2018 2:19:02 PM



#92
Benzo(g,h,i)perylene
Concen: 28.286 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	24.8	16.0	24.0#

