

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110513.D
 Acq On : 6 Nov 2018 14:18
 Operator : JU/SJ
 Sample : J5827-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMSD

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:26 PM

Quant Time: Nov 07 14:03:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96017	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	380257	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	169078	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	265776	20.00	ng	0.00
76) Chrysene-d12	14.14	240	171840	20.00	ng	0.00
87) Perylene-d12	15.66	264	140709	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	747188	126.72	ng	0.01
7) Phenol-d6	6.59	99	953659	126.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	593446	92.57	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	190864	113.96	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	993845	92.30	ng	0.00
79) Terphenyl-d14	13.07	244	716161	86.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	80313	25.998	ng	88
3) Pyridine	3.65	79	229440	33.346	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	117137	40.635	ng	94
6) Aniline	6.62	93	290861	29.606	ng	# 55
8) 2-Chlorophenol	6.75	128	259706	38.204	ng	100
9) Benzaldehyde	6.51	77	154221	33.652	ng	98
10) Phenol	6.60	94	379284	47.049	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	241218	36.370	ng	94
12) 1,3-Dichlorobenzene	6.90	146	273014	36.495	ng	97
13) 1,4-Dichlorobenzene	6.97	146	274964	36.342	ng	98
14) 1,2-Dichlorobenzene	7.13	146	257750	36.697	ng	98
15) Benzyl Alcohol	7.10	79	223377	38.510	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	386931	36.488	ng	70
17) 2-Methylphenol	7.20	107	209160	38.607	ng	# 84
18) Hexachloroethane	7.46	117	97511	35.202	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	180126	37.229	ng	96
20) 3+4-Methylphenols	7.36	107	270349	38.605	ng	# 88
22) Acetophenone	7.36	105	361677	41.278	ng	# 93
24) Nitrobenzene	7.54	77	264907	40.023	ng	97
25) Isophorone	7.77	82	485563	44.432	ng	97
26) 2-Nitrophenol	7.86	139	133279	42.315	ng	92
27) 2,4-Dimethylphenol	7.89	122	232187	44.463	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	306960	41.347	ng	99
29) 2,4-Dichlorophenol	8.10	162	213853	40.535	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	229582	38.850	ng	96
31) Naphthalene	8.26	128	737840	42.101	ng	100
33) 4-Chloroaniline	8.31	127	182418	23.127	ng	95
34) Hexachlorobutadiene	8.37	225	126346	38.506	ng	98
35) Caprolactam	8.68	113	66200m	36.001	ng	
36) 4-Chloro-3-methylphenol	8.79	107	227921	39.951	ng	99
37) 2-Methylnaphthalene	8.95	142	499943	43.115	ng	99
38) 1-Methylnaphthalene	9.05	142	465008	41.498	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	209593	39.785	ng	99
41) Hexachlorocyclopentadiene	9.10	237	67847	25.187	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110513.D
 Acq On : 6 Nov 2018 14:18
 Operator : JU/SJ
 Sample : J5827-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMSD

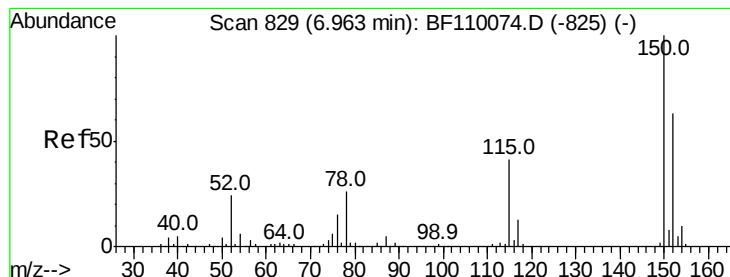
Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:26 PM

Quant Time: Nov 07 14:03:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	135220	39.795	nq	95
44) 2,4,5-Trichlorophenol	9.27	196	144575	40.253	nq	93
46) 1,1'-Biphenyl	9.42	154	595558	38.952	nq	99
47) 2-Chloronaphthalene	9.45	162	443542	39.547	nq	99
48) 2-Nitroaniline	9.55	65	138947	40.883	nq	91
49) Acenaphthylene	9.86	152	674056	41.611	nq	99
50) Dimethylphthalate	9.71	163	674744	54.062	nq	99
51) 2,6-Dinitrotoluene	9.79	165	109731	40.816	nq	# 82
52) Acenaphthene	10.03	154	400667	37.388	nq	98
53) 3-Nitroaniline	9.96	138	100105	31.312	nq	90
54) 2,4-Dinitrophenol	10.07	184	10611	14.477	nq	94
55) Dibenzofuran	10.20	168	577644	38.499	nq	99
56) 4-Nitrophenol	10.12	139	196293	82.957	nq	97
57) 2,4-Dinitrotoluene	10.19	165	134885	39.500	nq	91
58) Fluorene	10.55	166	452380	40.512	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	106222	36.284	nq	# 92
60) Diethylphthalate	10.41	149	493286	40.488	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	220203	37.381	nq	99
62) 4-Nitroaniline	10.57	138	106537	33.504	nq	92
63) Azobenzene	10.70	77	456150	37.719	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	19607	16.147	nq	97
66) n-Nitrosodiphenylamine	10.66	169	399037	45.774	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	122448	42.474	nq	97
68) Hexachlorobenzene	11.10	284	123002	40.212	nq	94
69) Atrazine	11.18	200	124210	45.087	nq	99
70) Pentachlorophenol	11.29	266	95018	53.272	nq	94
71) Phenanthrene	11.52	178	603174	43.373	nq	99
72) Anthracene	11.57	178	605339	43.427	nq	99
73) Carbazole	11.72	167	514653	37.814	nq	99
74) Di-n-butylphthalate	12.03	149	689292	44.843	nq	98
75) Fluoranthene	12.71	202	551405	39.069	nq	97
77) Benzdine	12.83	184	318691	Below	Cal	97
78) Pyrene	12.94	202	521603	42.340	nq	99
80) Butylbenzylphthalate	13.53	149	237449	44.407	nq	97
81) Benzo(a)anthracene	14.13	228	434922	42.679	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	135548	38.199	nq	100
83) Chrysene	14.16	228	411859	42.552	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	313826	43.416	nq	96
85) Di-n-octyl phthalate	14.70	149	519233	46.197	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	315842	39.335	nq	97
88) Benzo(b)fluoranthene	15.21	252	367751	45.259	nq	99
89) Benzo(k)fluoranthene	15.24	252	348520	43.630	nq	99
90) Benzo(a)pyrene	15.60	252	327674	43.826	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	260416	40.366	nq	98
92) Benzo(g,h,i)perylene	17.71	276	249179	39.196	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

ClientSampled :

SP-AMSD

Tot Ion:152 Resp: 96017

Ion Ratio Lower Upper

152 100

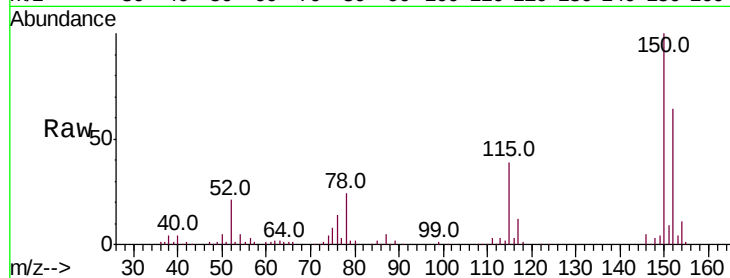
150 157.0 122.7 184.1

115 61.7 49.1 73.7

Manual Integrations
APPROVED

Sohil

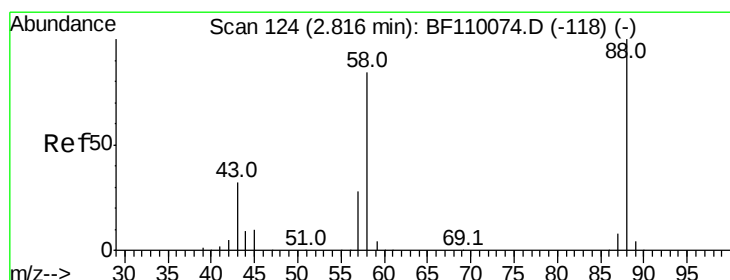
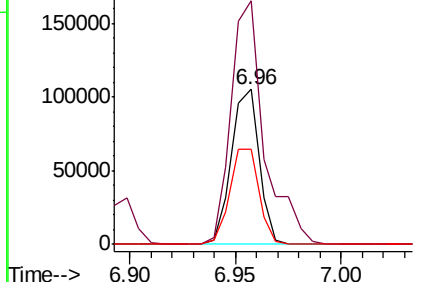
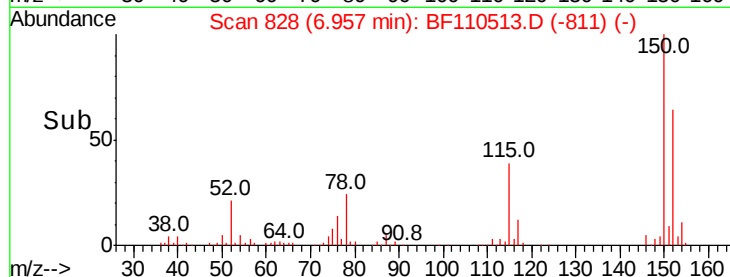
11/7/2018 2:54:26 PM



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: 25.998 ng

RT: 2.88 min Scan# 134

Delta R.T. 0.08 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

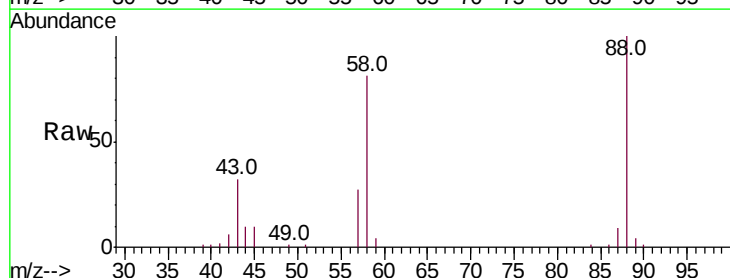
Tgt Ion: 88 Resp: 80313

Ion Ratio Lower Upper

88 100

58 83.1 57.1 85.7

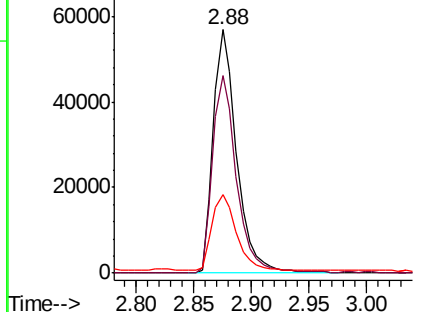
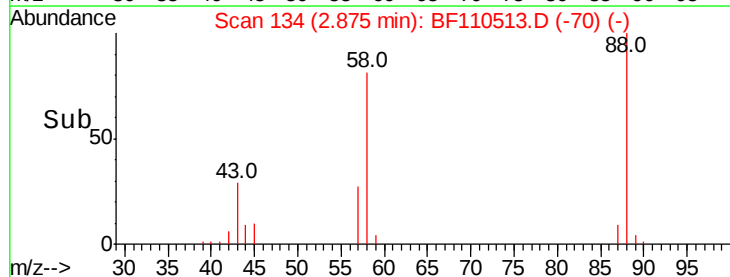
43 33.2 24.1 36.1



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: 33.346 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.07 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

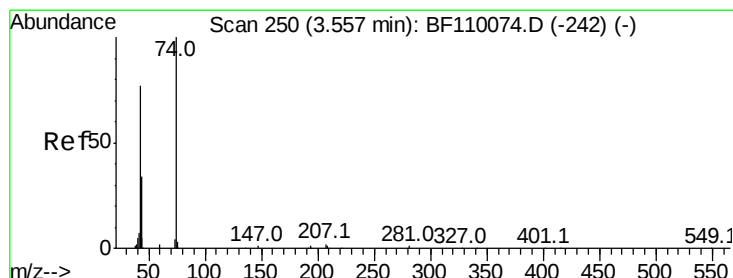
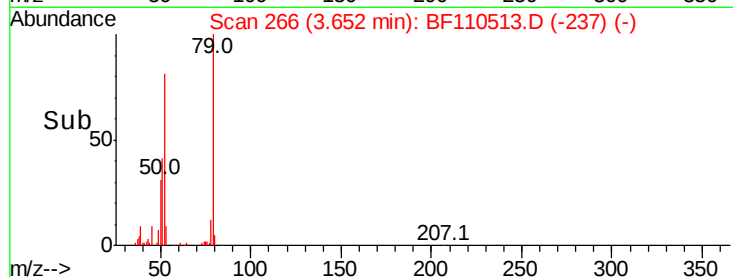
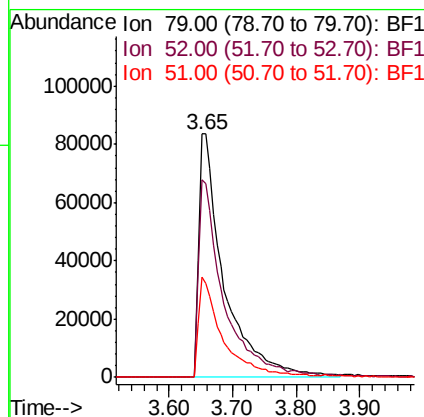
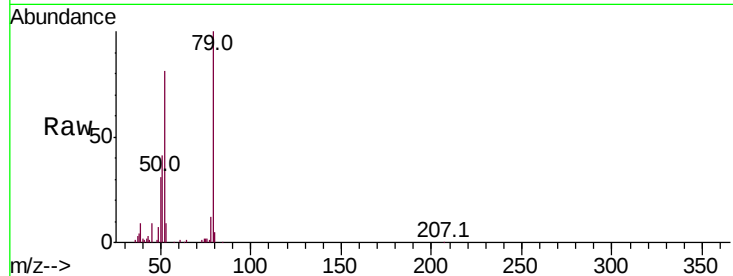
ClientSampleId :

SP-AMSD

Tot Ion:	79	Resp:	229440
Ion Ratio	Lower	Upper	
79	100		
52	81.4	53.1	79.7#
51	40.9	27.4	41.2

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#4

n-Nitrosodimethylamine

Concen: 40.635 ng

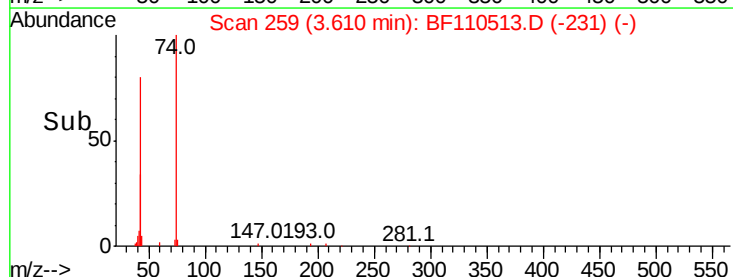
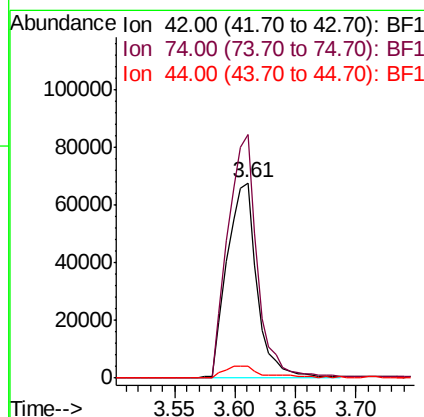
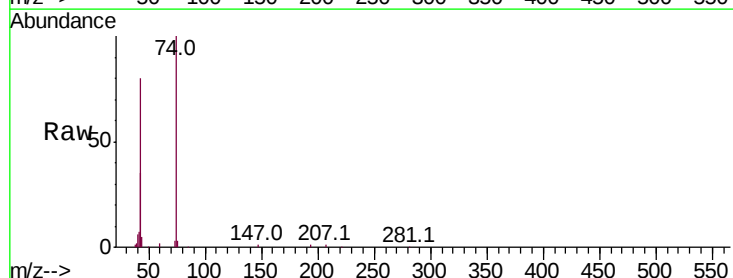
RT: 3.61 min Scan# 259

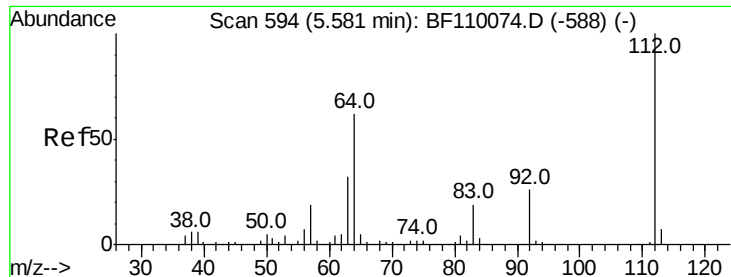
Delta R.T. 0.06 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	42	Resp:	117137
Ion Ratio	Lower	Upper	
42	100		
74	124.8	105.5	158.3
44	6.2	4.9	7.3





#5

2-Fluorophenol

Concen: 126.723 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

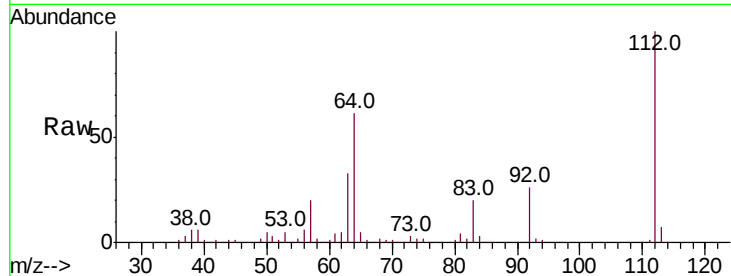
ClientSampled :

SP-AMSD

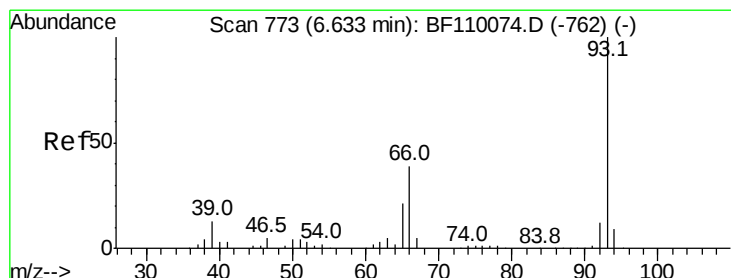
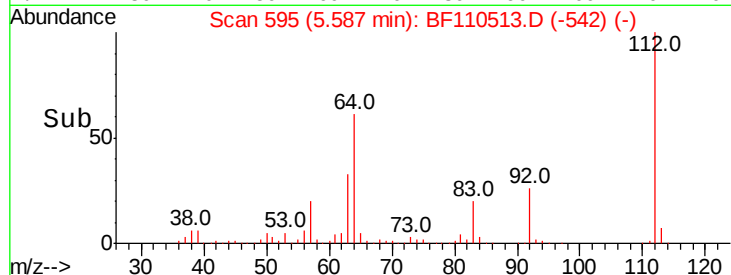
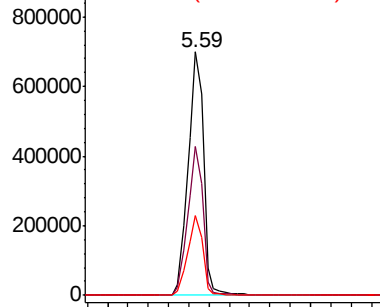
Tot Ion:	112	Resp:	747188
Ion Ratio	Lower	Upper	
112	100		
64	61.4	44.1	66.1
63	32.5	23.7	35.5

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.606 ng

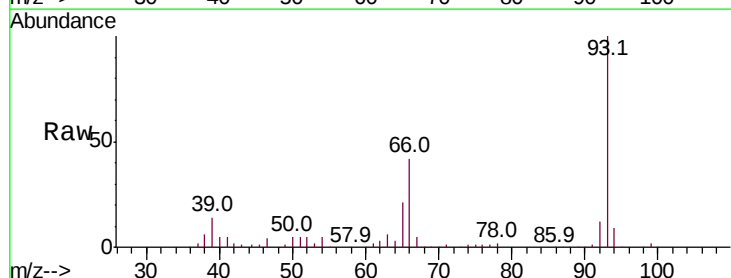
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

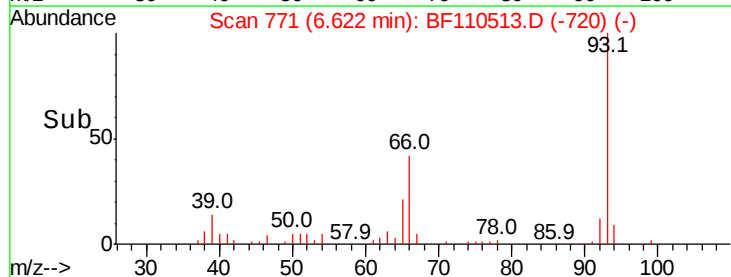
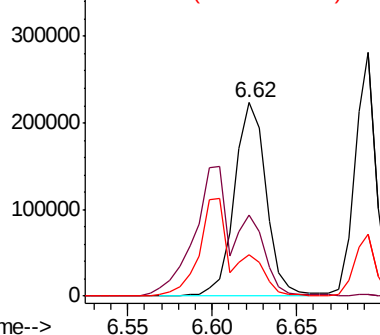
Lab File: BF110513.D

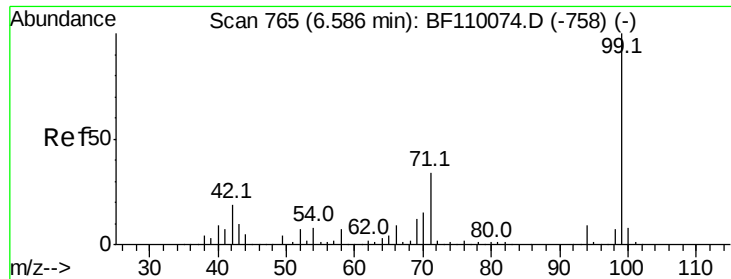
Acq: 6 Nov 2018 14:18

Tgt Ion:	93	Resp:	290861
Ion Ratio	Lower	Upper	
93	100		
66	41.7	67.4	101.0#
65	21.4	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.451 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

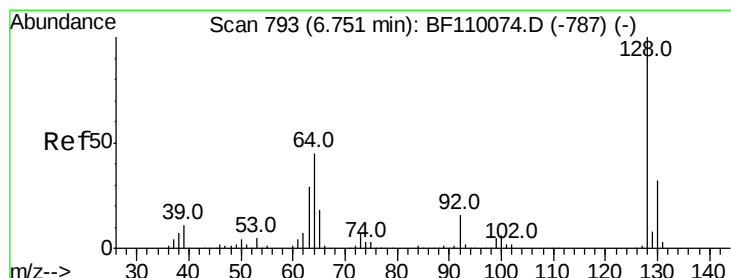
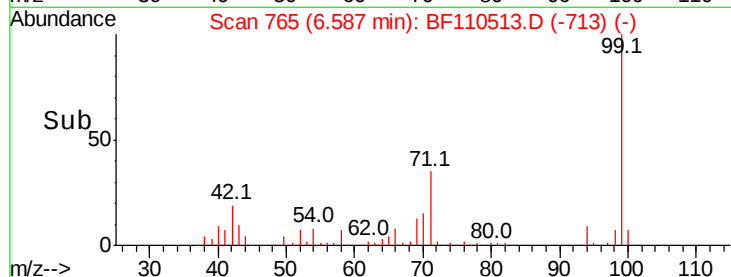
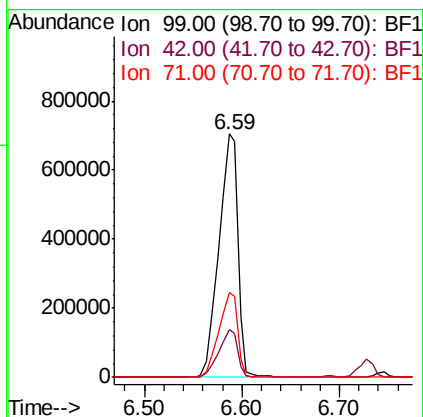
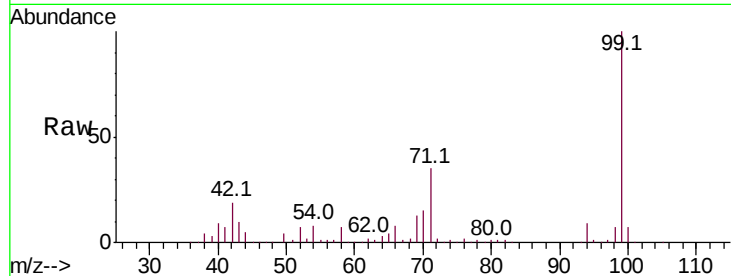
ClientSampleId :

SP-AMSD

Tot Ion:	99	Resp:	953659
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.8	23.6
71	34.6	28.0	42.0

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#8

2-Chlorophenol

Concen: 38.204 ng

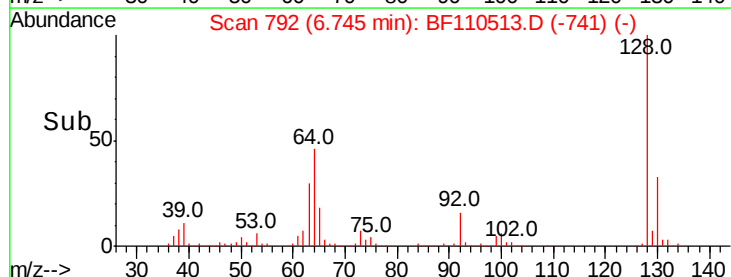
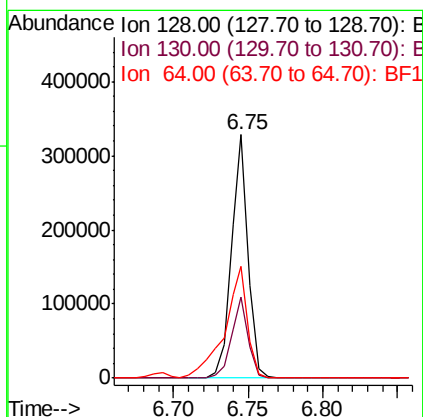
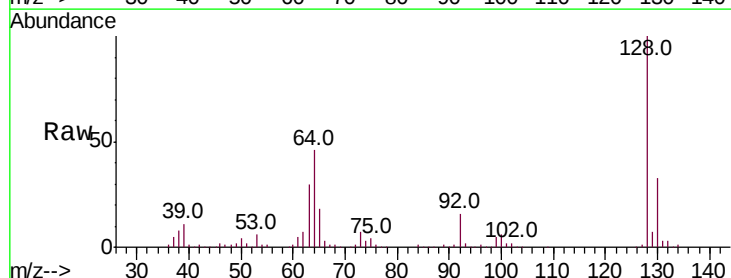
RT: 6.75 min Scan# 792

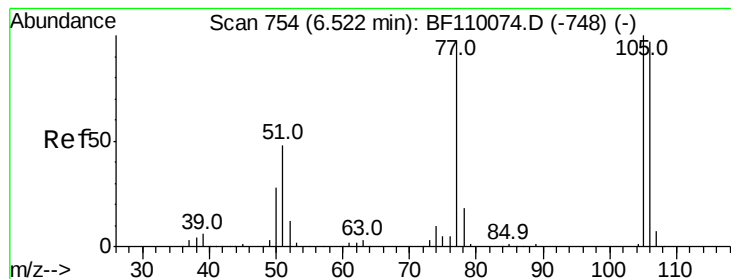
Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	128	Resp:	259706
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.1	53.1
64	45.7	26.0	66.0





#9

Benzaldehyde

Concen: 33.652 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

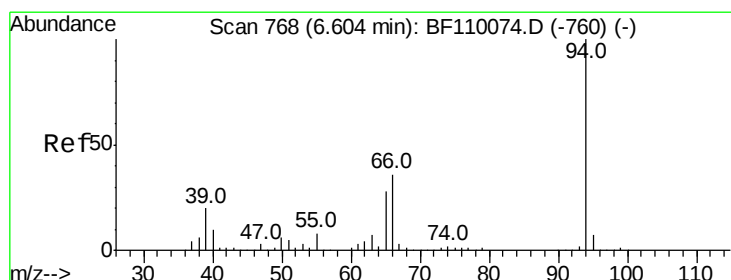
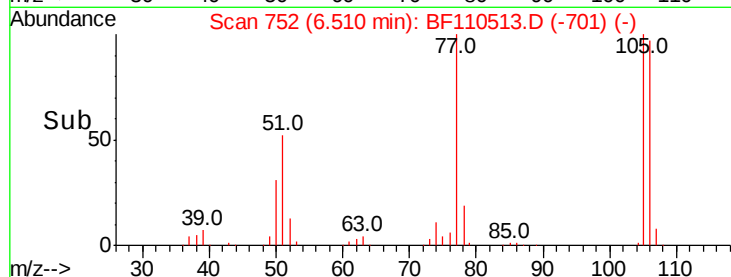
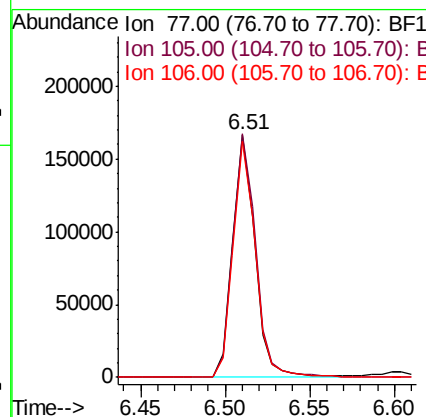
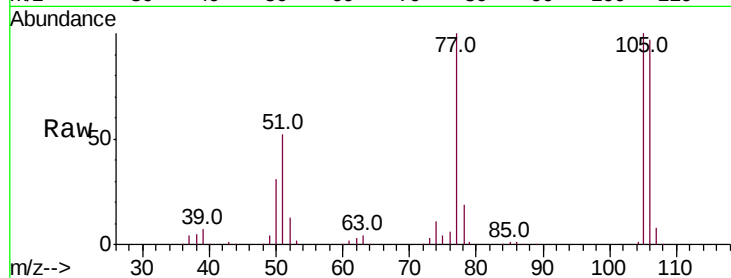
ClientSampled :

SP-AMSD

Tot Ion:	77	Resp:	154221
Ion Ratio	Lower	Upper	
77	100		
105	100.2	78.6	118.6
106	97.0	74.8	114.8

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#10

Phenol

Concen: 47.049 ng

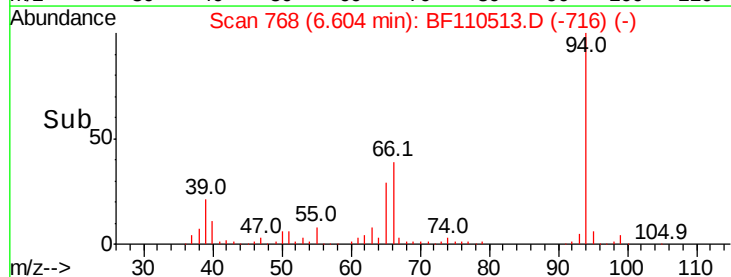
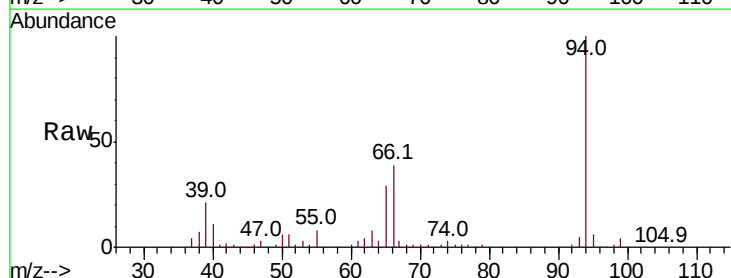
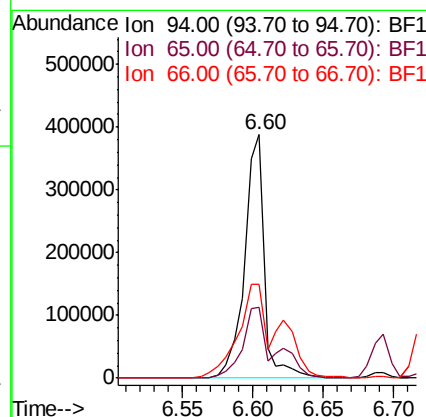
RT: 6.60 min Scan# 768

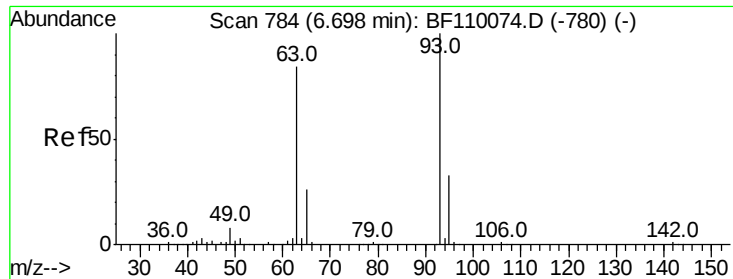
Delta R.T. 0.01 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	94	Resp:	379284
Ion Ratio	Lower	Upper	
94	100		
65	29.2	25.3	65.3
66	38.7	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 36.370 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

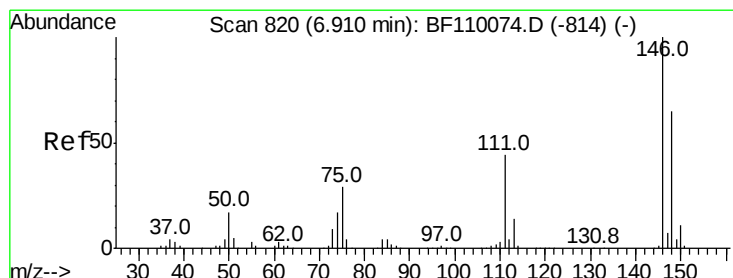
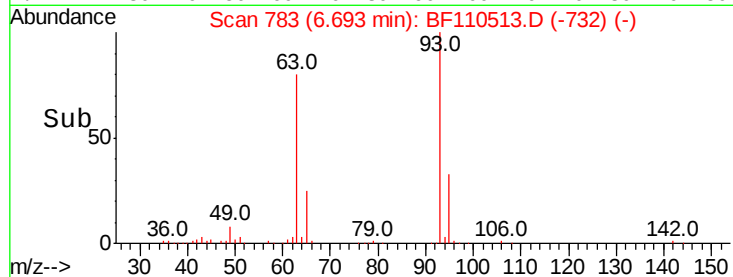
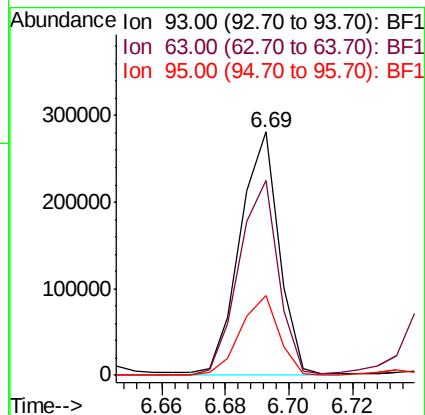
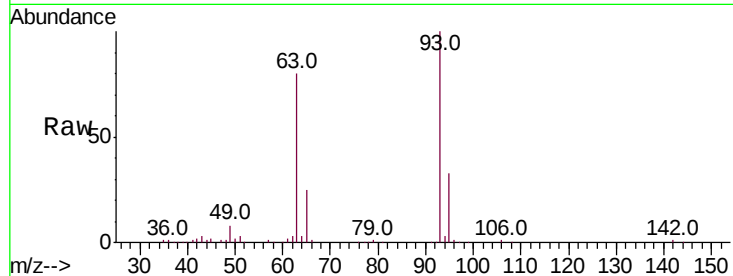
ClientSampleId :

SP-AMSD

Tot Ion:	93	Resp:	241218
Ion Ratio	Lower	Upper	
93	100		
63	80.0	53.4	93.4
95	32.8	12.1	52.1

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#12

1,3-Dichlorobenzene

Concen: 36.495 ng

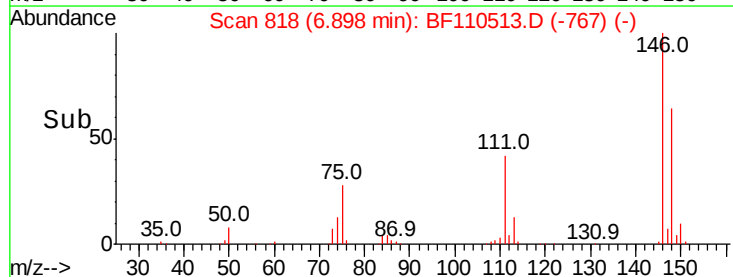
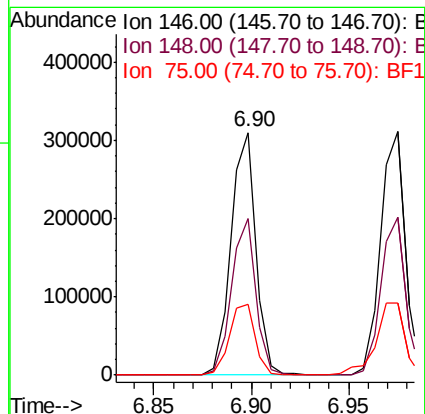
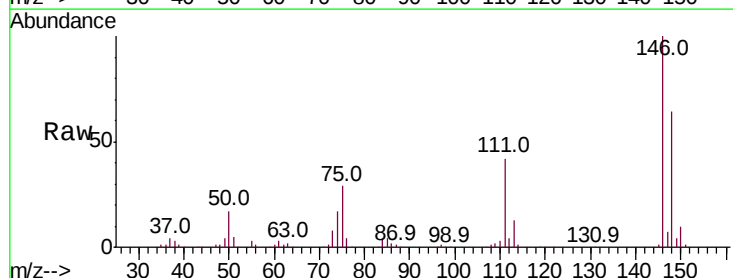
RT: 6.90 min Scan# 818

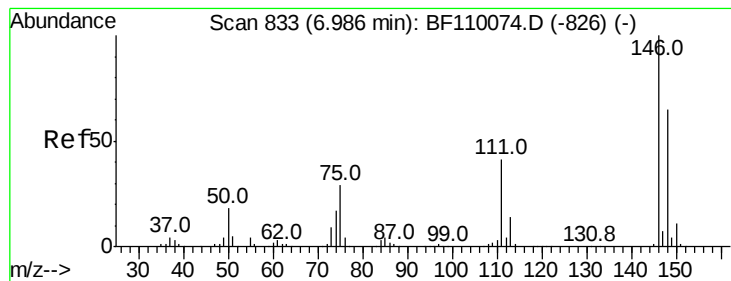
Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	146	Resp:	273014
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.4	75.6
75	29.2	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 36.342 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

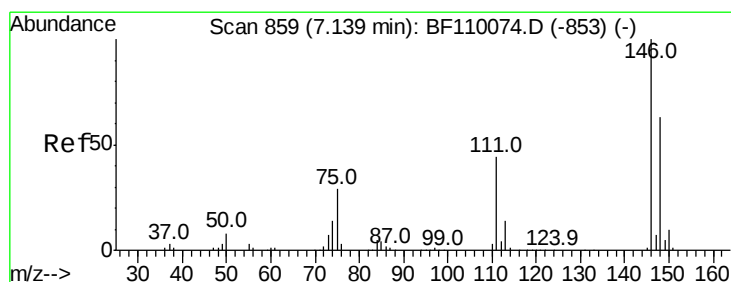
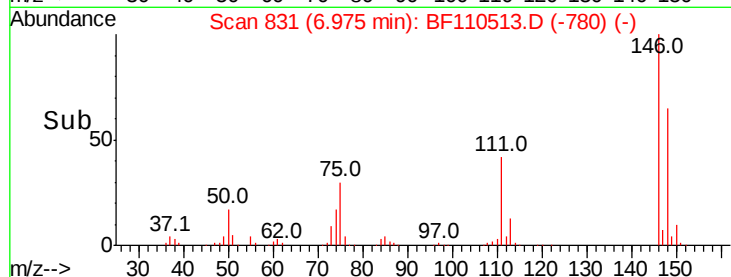
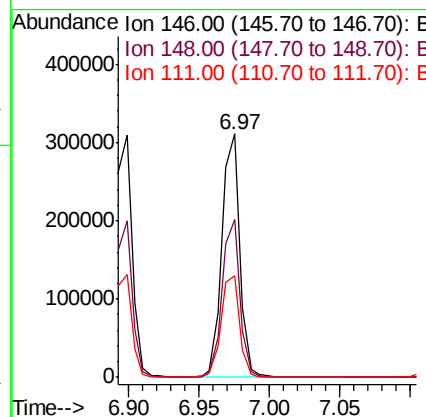
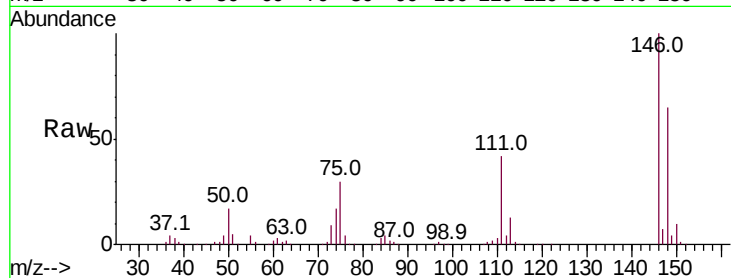
ClientSampleId :

SP-AMSD

Tot Ion:	146	Resp:	274964
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.3	75.5
111	41.5	32.7	49.1

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#14

1,2-Dichlorobenzene

Concen: 36.697 ng

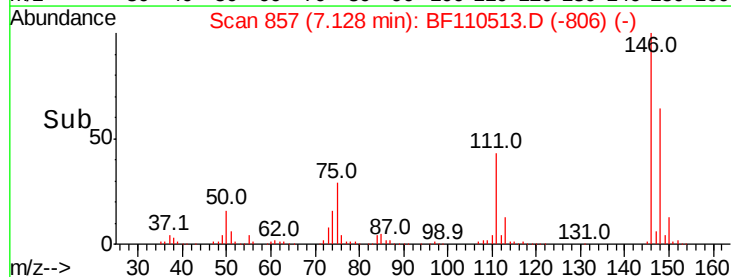
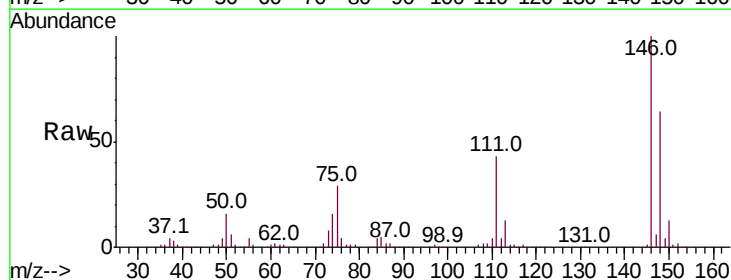
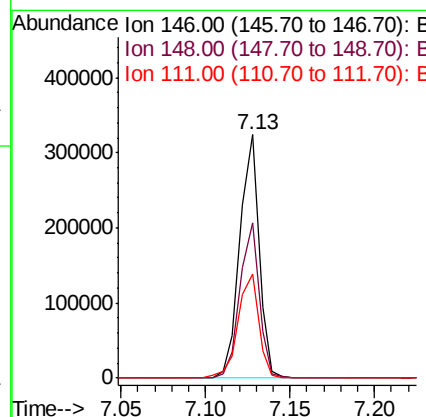
RT: 7.13 min Scan# 857

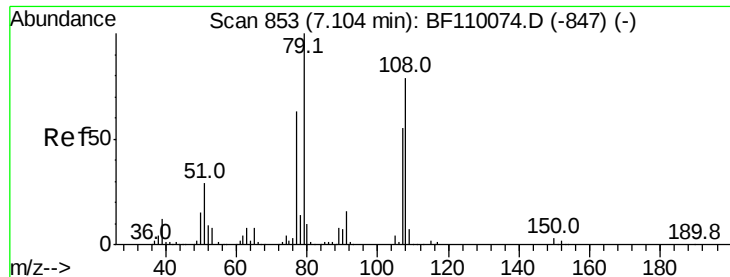
Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	146	Resp:	257750
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	42.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.510 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

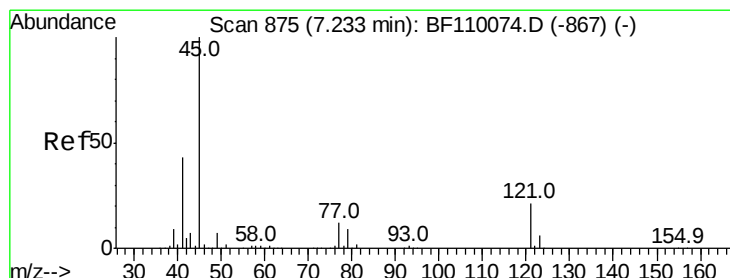
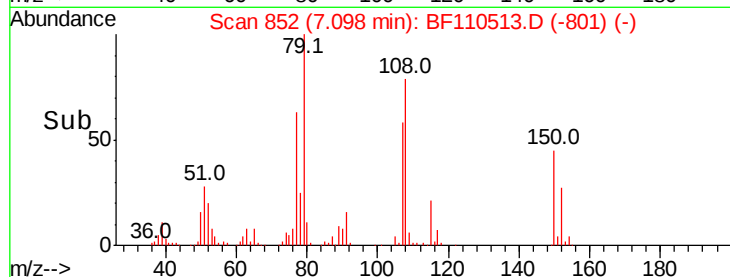
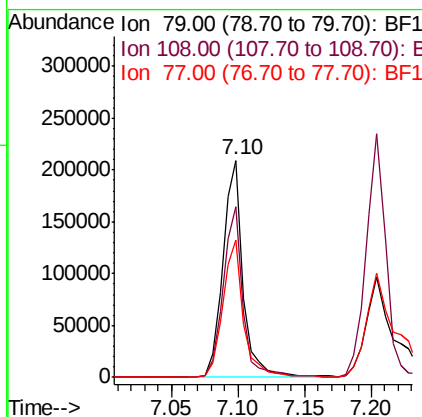
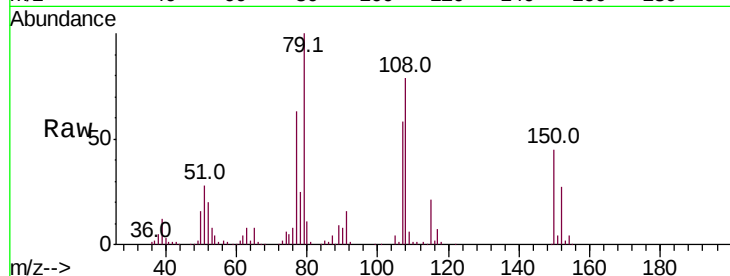
ClientSampleId :

SP-AMSD

Tot Ion:	79	Resp:	223377
Ion Ratio	Lower	Upper	
79	100		
108	78.6	56.3	84.5
77	63.0	52.9	79.3

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.488 ng

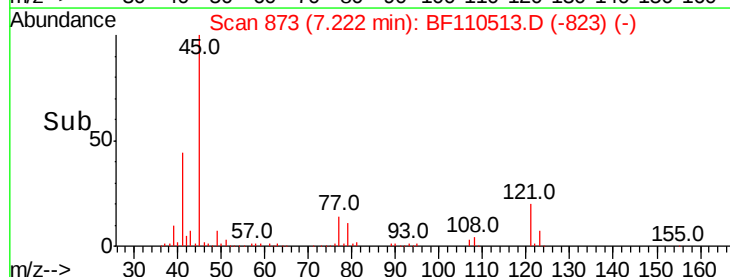
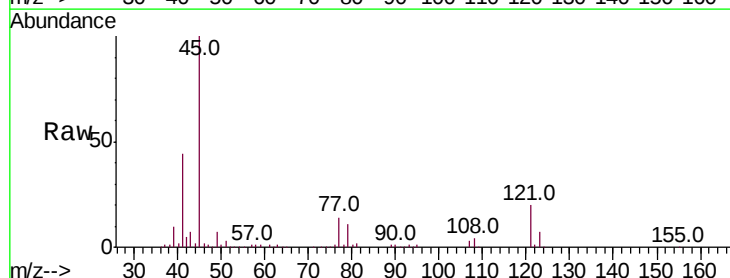
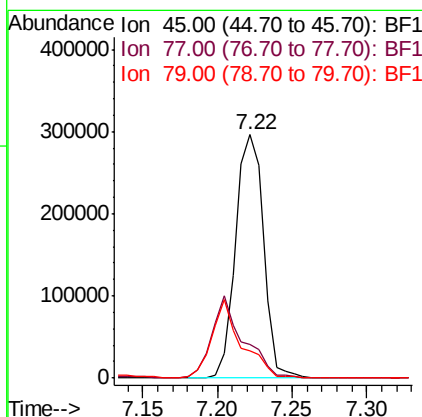
RT: 7.22 min Scan# 873

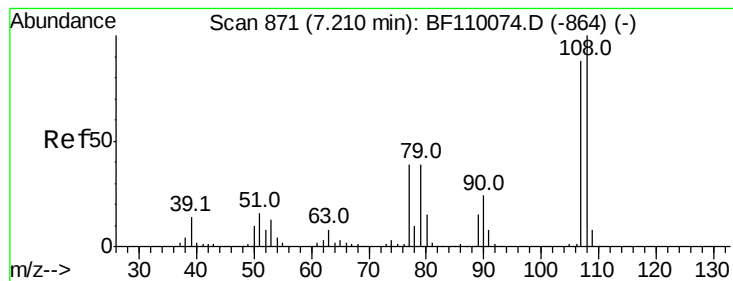
Delta R.T. -0.01 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	45	Resp:	386931
Ion Ratio	Lower	Upper	
45	100		
77	13.9	10.0	50.0
79	11.0	6.1	46.1





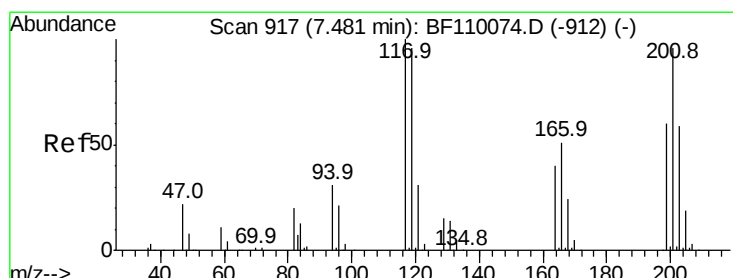
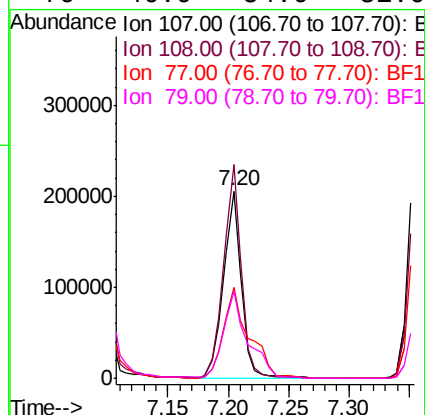
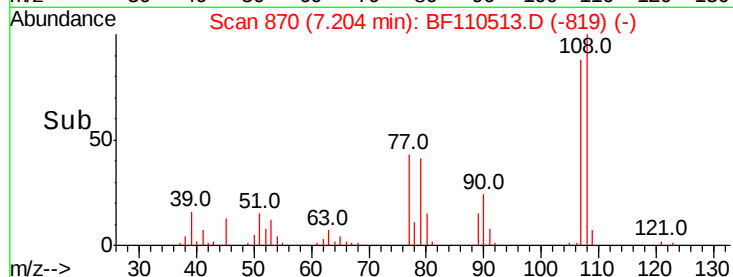
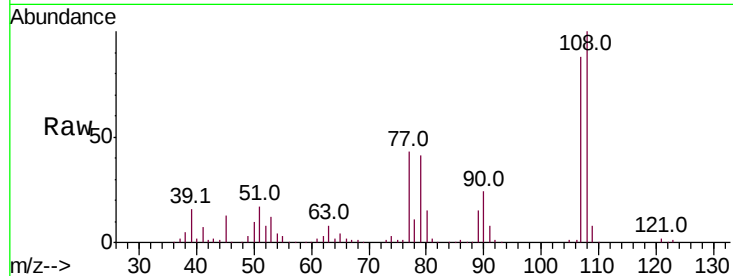
#17
2-Methylphenol
Concen: 38.607 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	209160		
108	114.3	92.6	138.8	
77	48.9	59.4	89.2#	
79	46.9	54.0	81.0#	

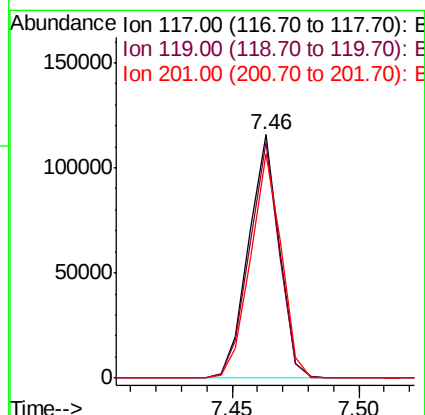
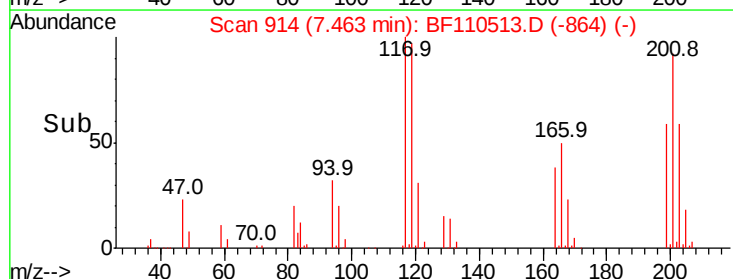
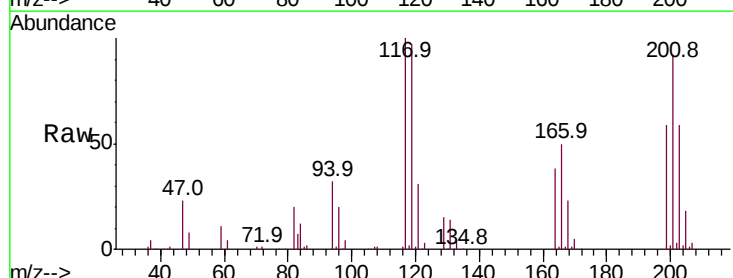
Manual Integrations
APPROVED

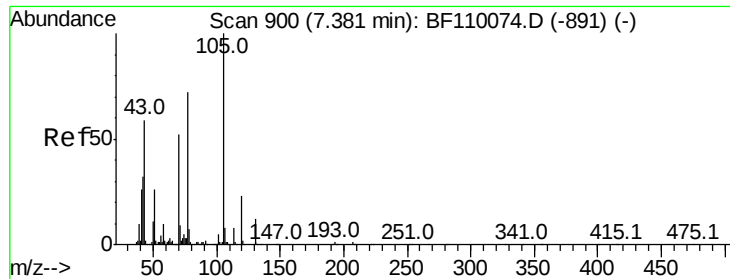
Sohil
11/7/2018 2:54:26 PM



#18
Hexachloroethane
Concen: 35.202 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97511		
119	97.1	75.0	112.6	
201	92.2	79.2	118.8	





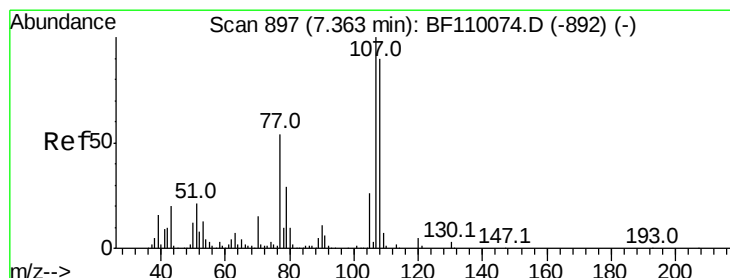
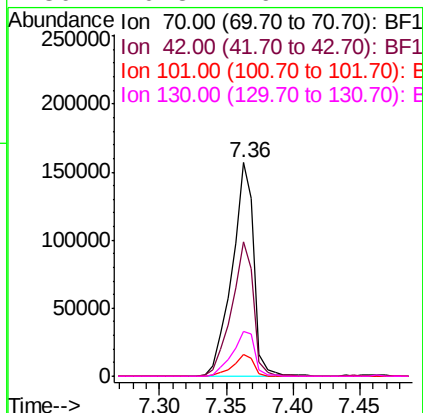
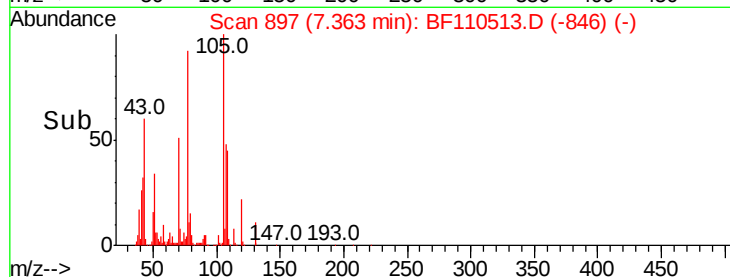
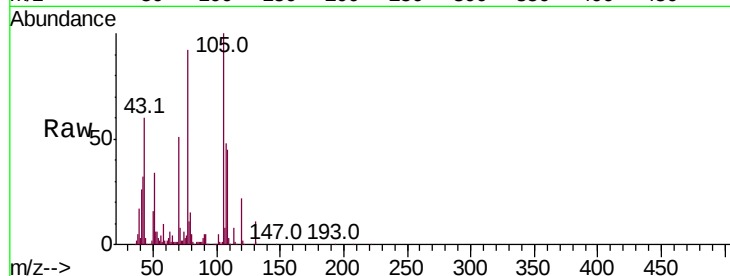
#19
n-Nitroso-di-n-propylamine
Concen: 37.229 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.4	71.2
101	9.9	7.3	10.9
130	20.8	16.2	24.2

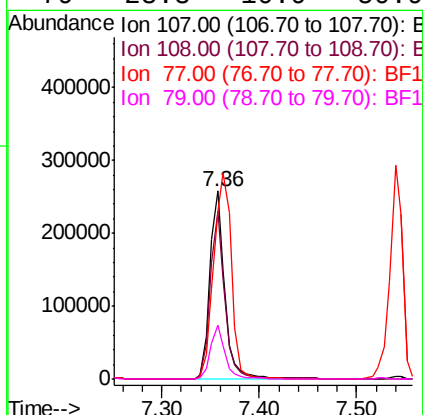
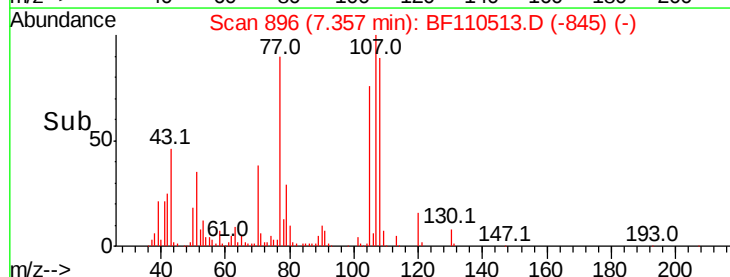
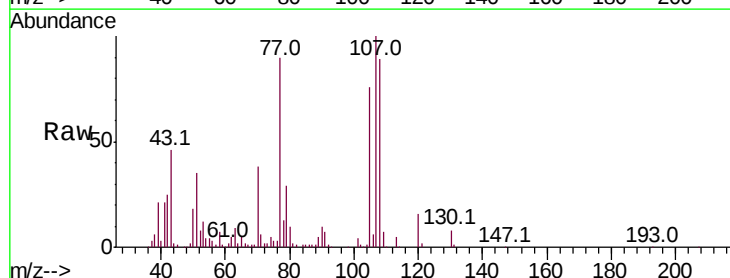
Manual Integrations
APPROVED

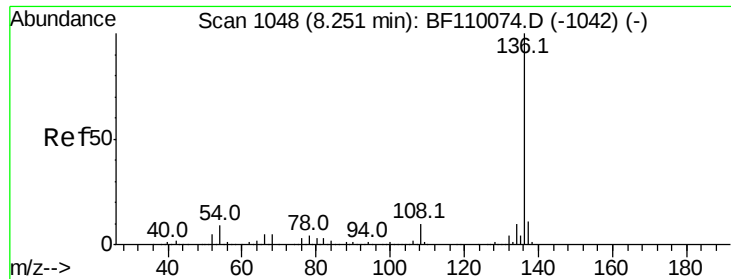
Sohil
11/7/2018 2:54:26 PM



#20
3+4-Methylphenols
Concen: 38.605 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.4	111.4
77	89.5	47.3	87.3#
79	28.8	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

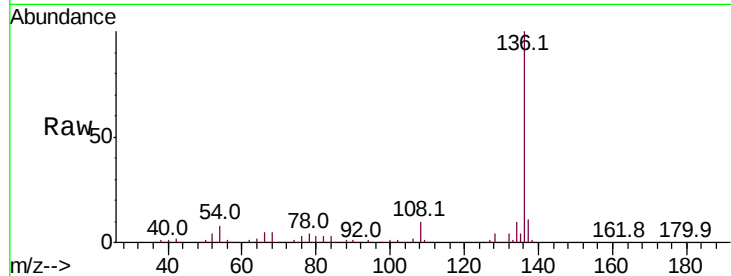
ClientSampleId :

SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	380257		
137	10.8		8.8	13.2
54	7.6		5.4	8.2
68	5.2		4.2	6.2

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



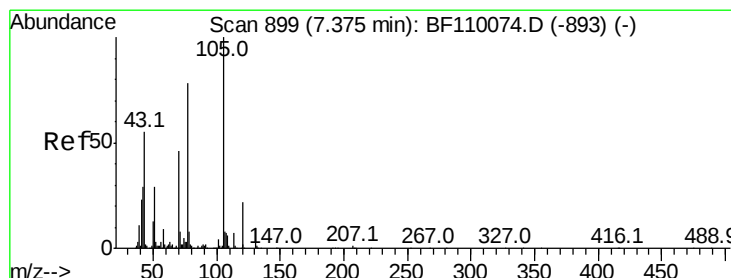
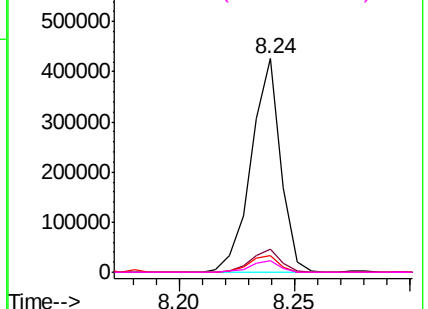
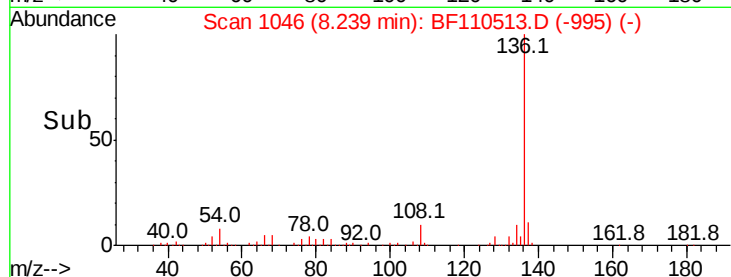
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.278 ng

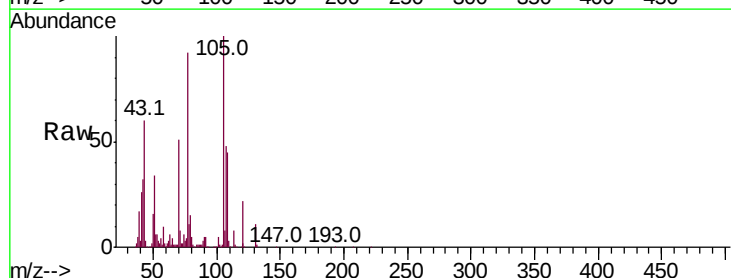
RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361677		
71	8.3		5.2	7.8#
51	34.1		21.8	32.8#
120	21.6		17.0	25.4



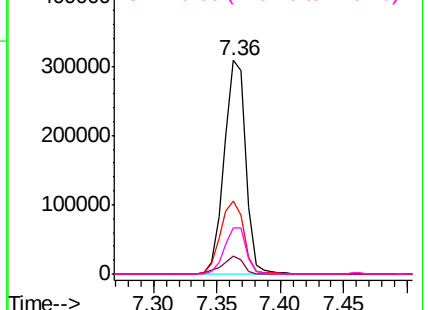
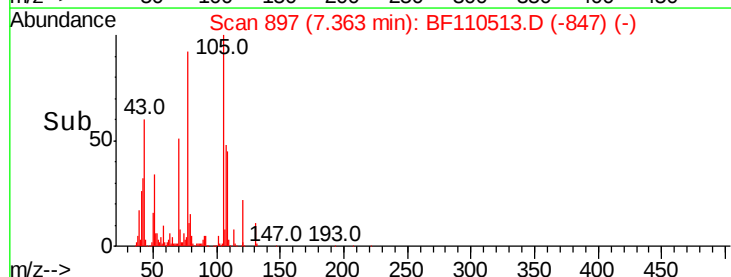
Abundance

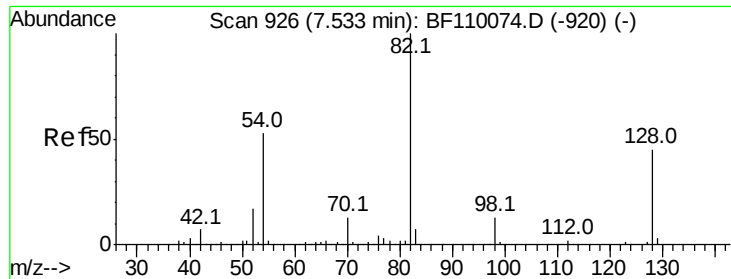
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





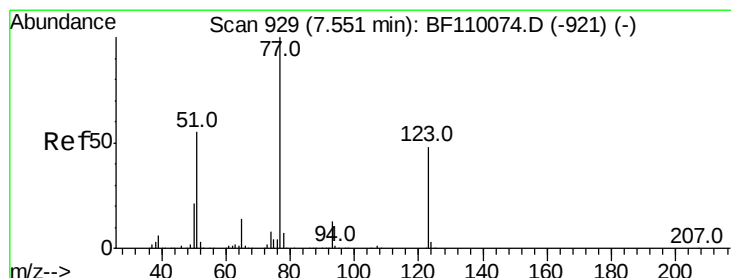
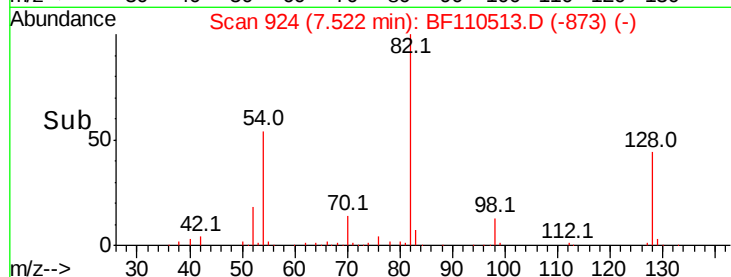
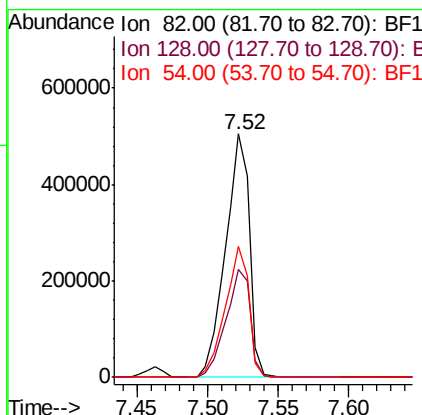
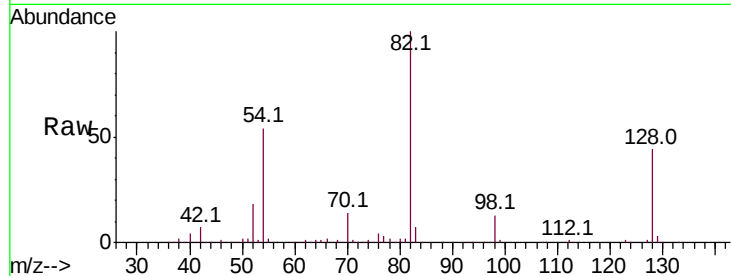
#23
Nitrobenzene-d5
Concen: 92.567 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampled :
SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	34.2	51.2	
54	53.8	38.6	58.0	

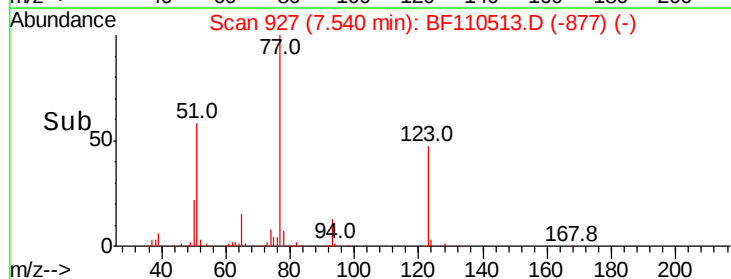
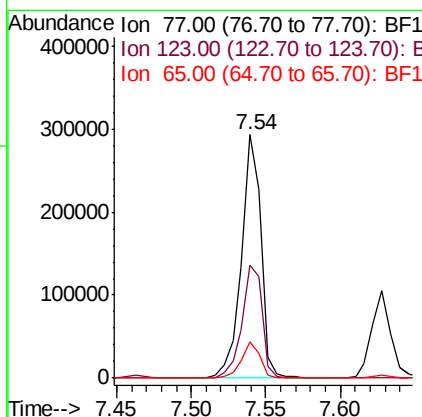
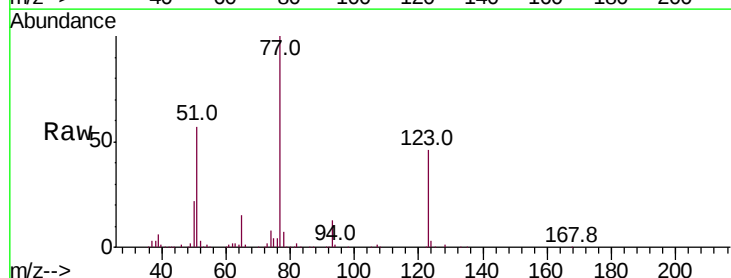
Manual Integrations
APPROVED

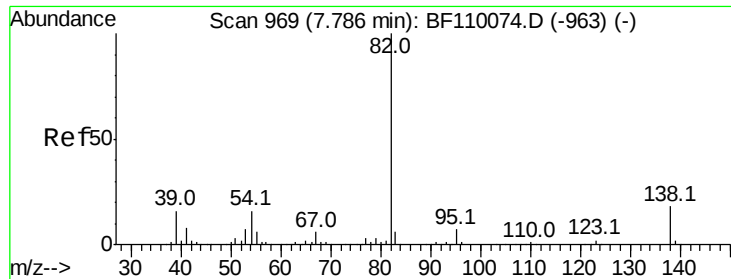
Sohil
11/7/2018 2:54:26 PM



#24
Nitrobenzene
Concen: 40.023 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.3	35.7	53.5	
65	14.7	10.7	16.1	





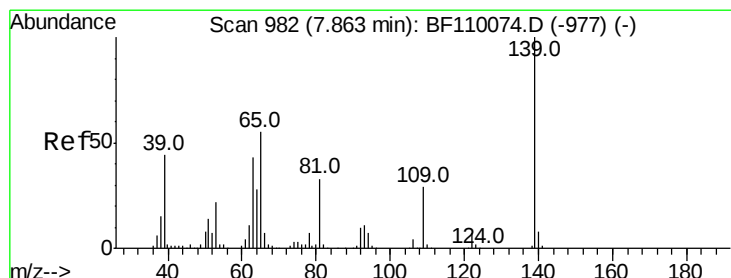
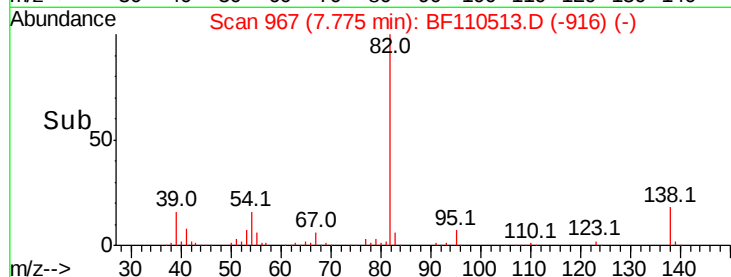
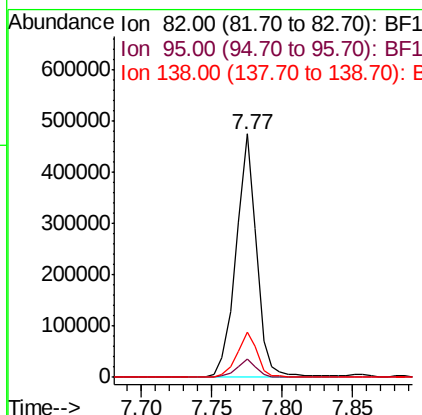
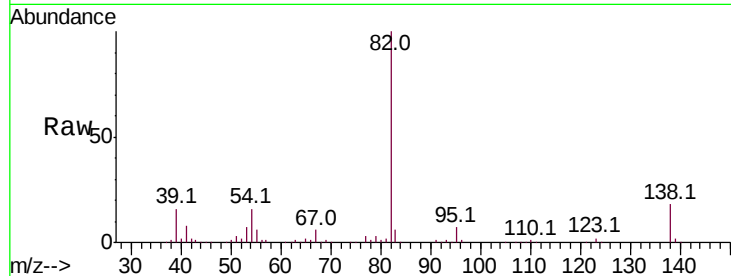
#25
Isophorone
Concen: 44.432 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	18.4	13.2	19.8

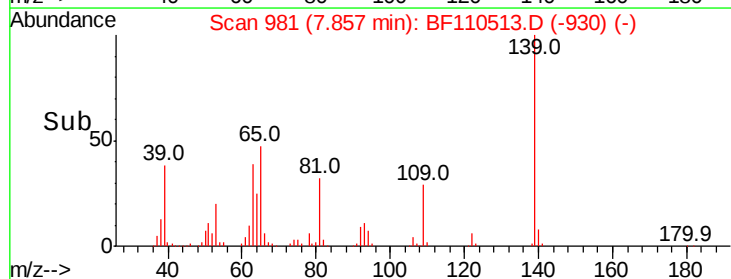
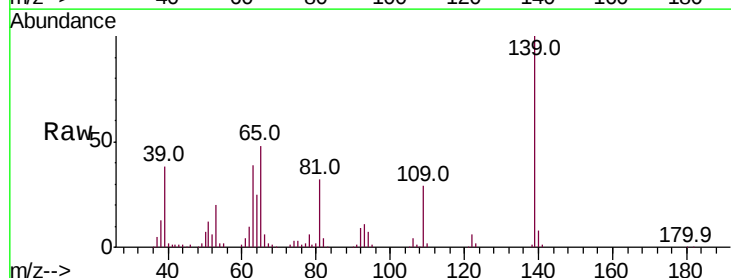
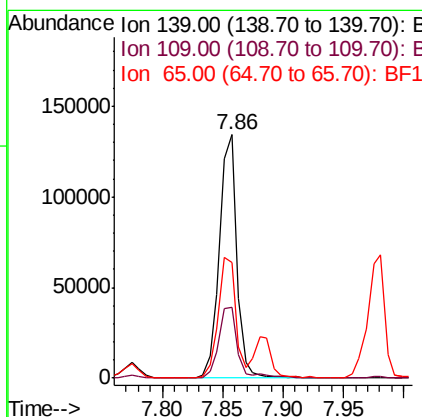
Manual Integrations
APPROVED

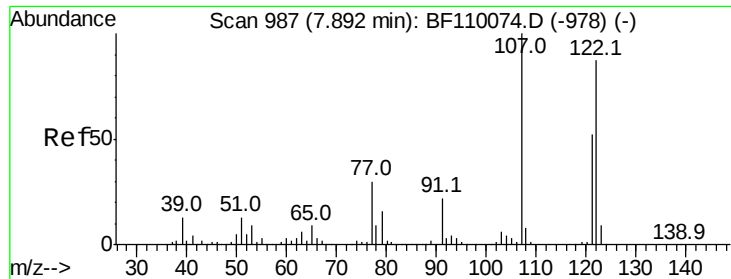
Sohil
11/7/2018 2:54:26 PM



#26
2-Nitrophenol
Concen: 42.315 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.2	25.0	37.6
65	47.7	44.0	66.0





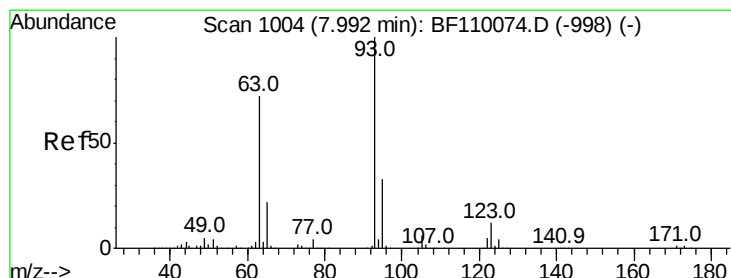
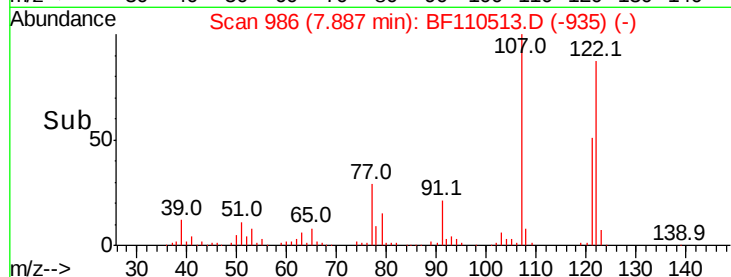
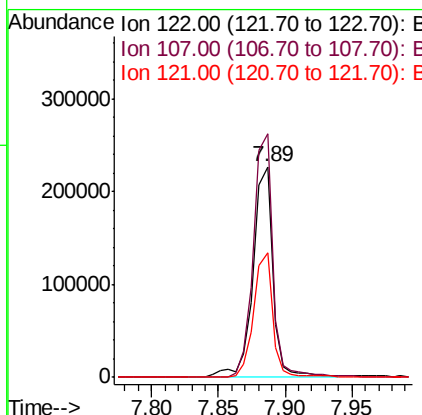
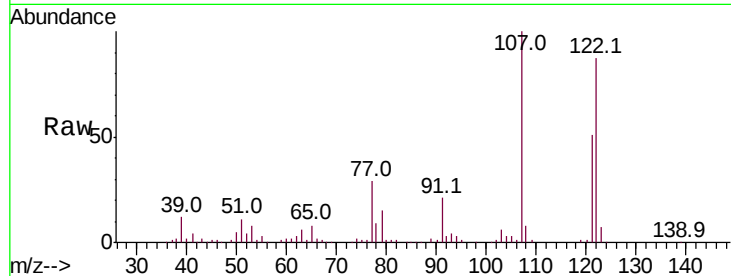
#27
2,4-Dimethylphenol
Concen: 44.463 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	232187		
107	115.5	92.5	138.7	
121	59.2	45.8	68.8	

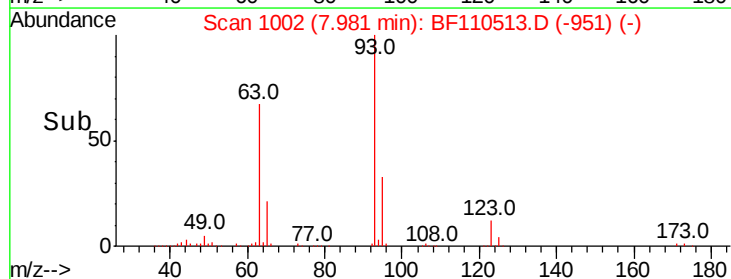
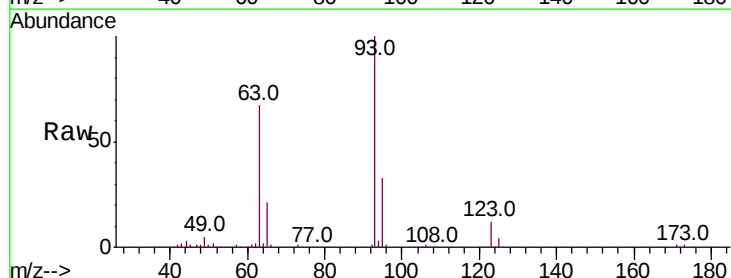
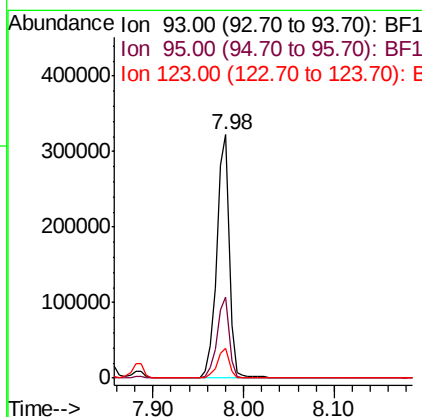
Manual Integrations
APPROVED

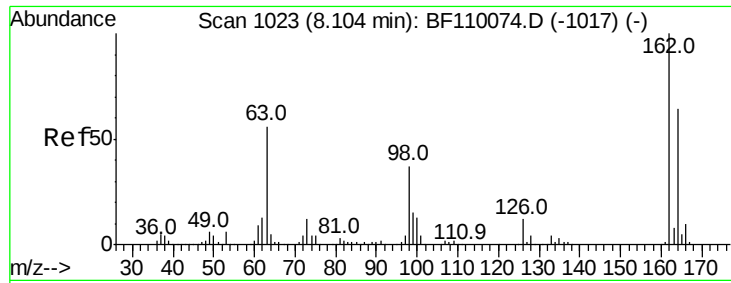
Sohil
11/7/2018 2:54:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.347 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	306960		
95	33.2	26.4	39.6	
123	12.1	9.0	13.6	





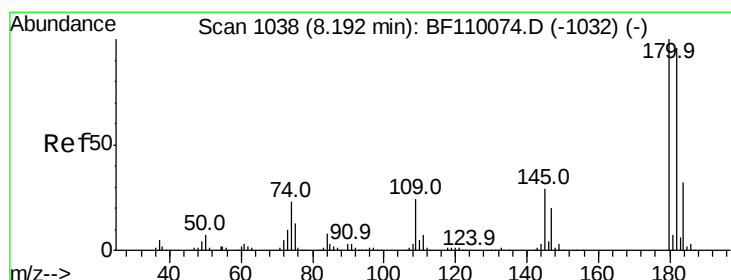
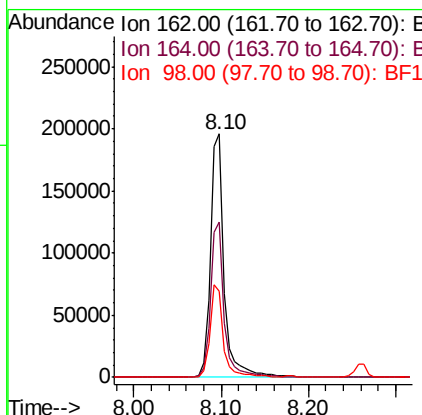
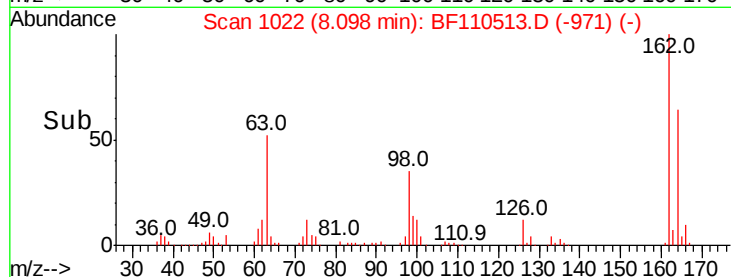
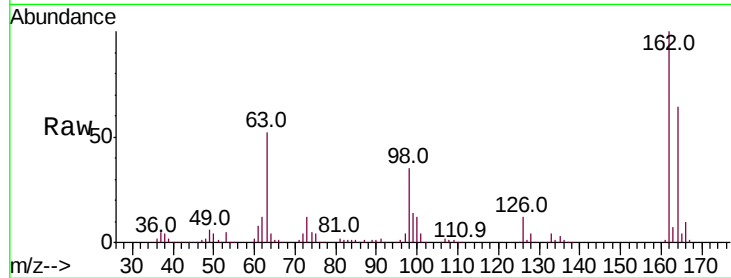
#29
2,4-Dichlorophenol
Concen: 40.535 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampled :
SP-AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.6	84.6
98	35.2	17.4	57.4

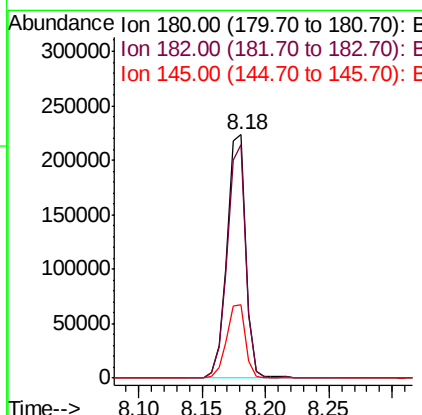
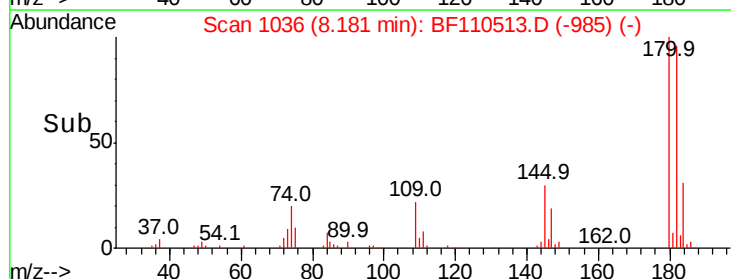
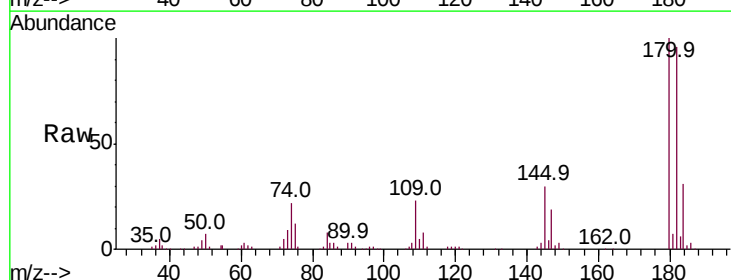
Manual Integrations
APPROVED

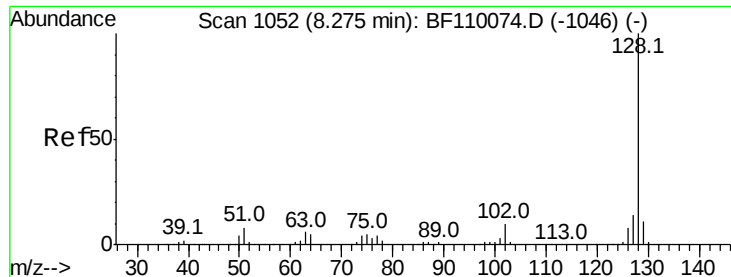
Sohil
11/7/2018 2:54:26 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.850 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	80.3	120.5
145	30.0	25.4	38.0





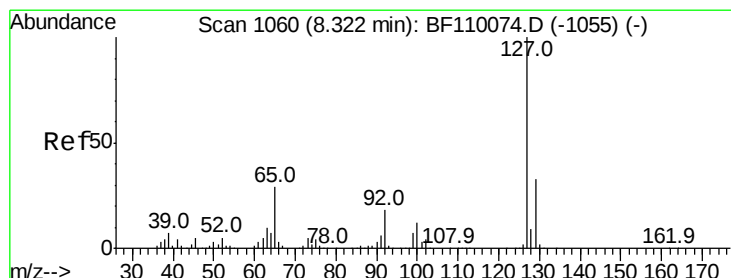
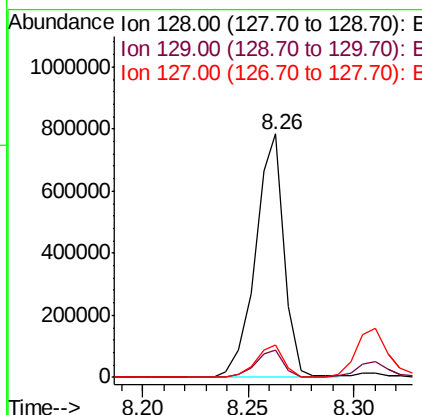
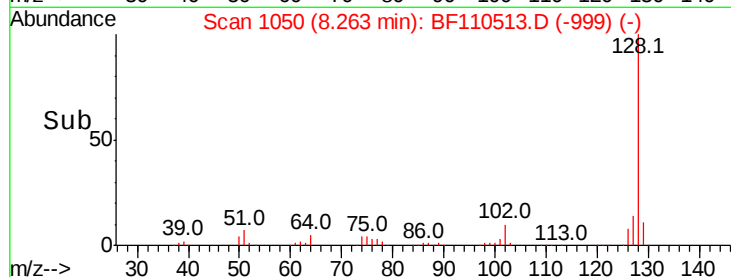
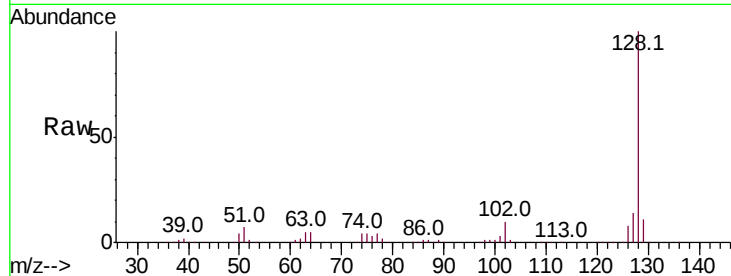
#31
Naphthalene
Concen: 42.101 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampled :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.6	10.8	16.2

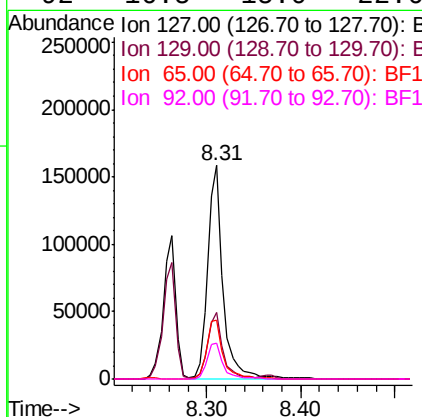
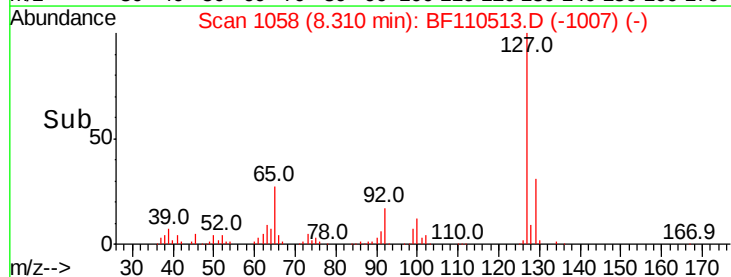
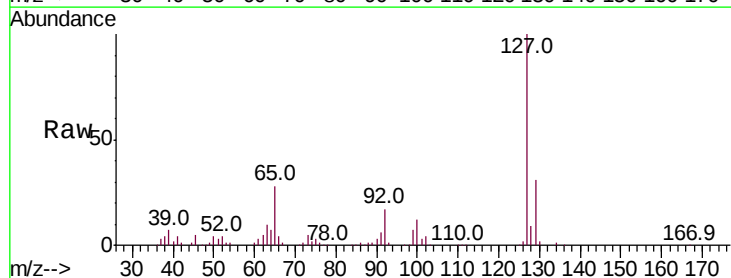
Manual Integrations
APPROVED

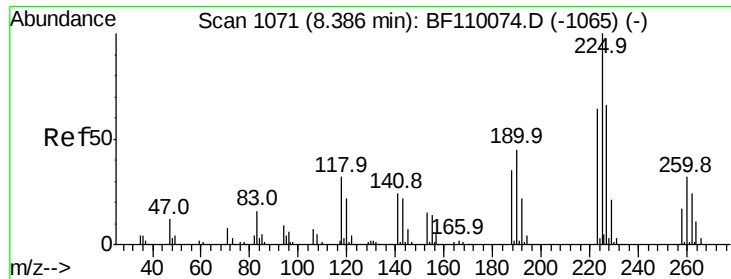
Sohil
11/7/2018 2:54:26 PM



#33
4-Chloroaniline
Concen: 23.127 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	27.6	25.1	37.7
92	16.5	15.0	22.6





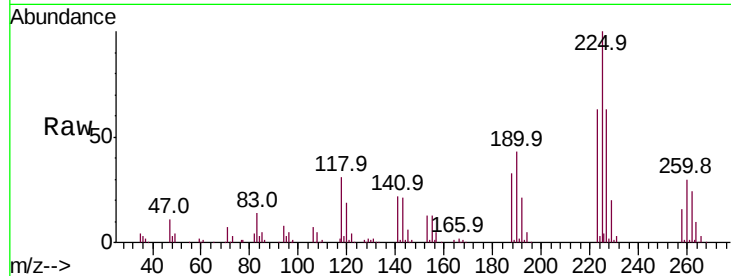
#34
Hexachlorobutadiene
Concen: 38.506 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampled :
SP-AMSD

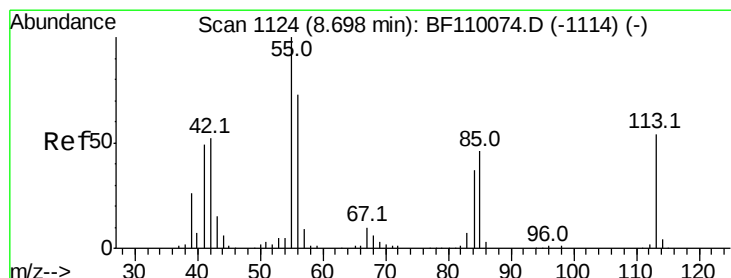
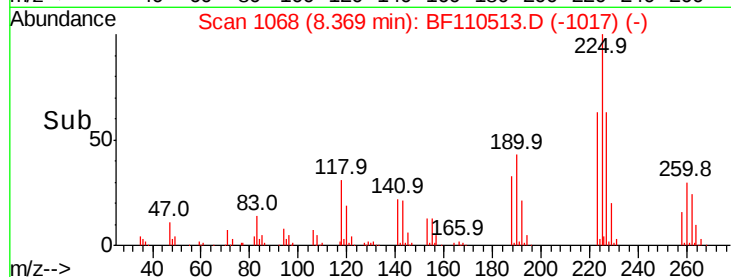
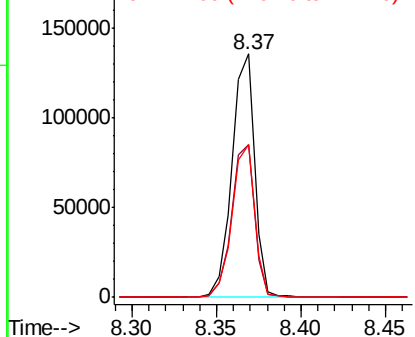
Tot Ion	Ratio	Resp	Lower	Upper
225	100	126346		
223	62.5	51.4	77.2	
227	62.6	51.0	76.6	

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM

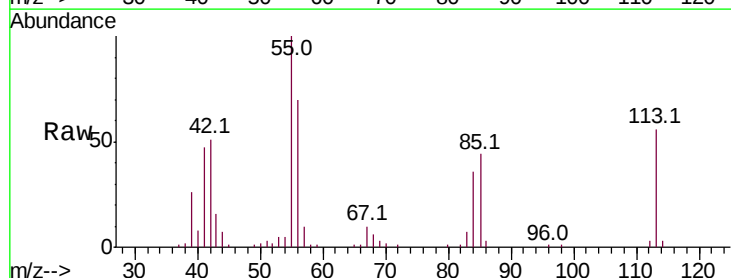


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

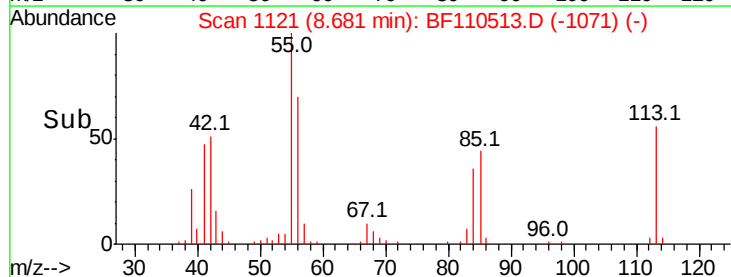
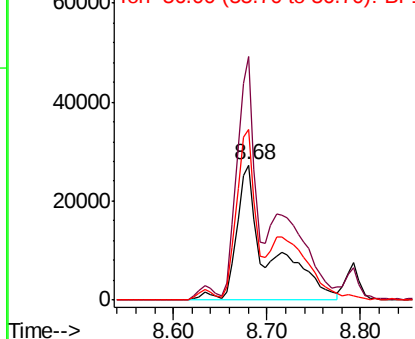


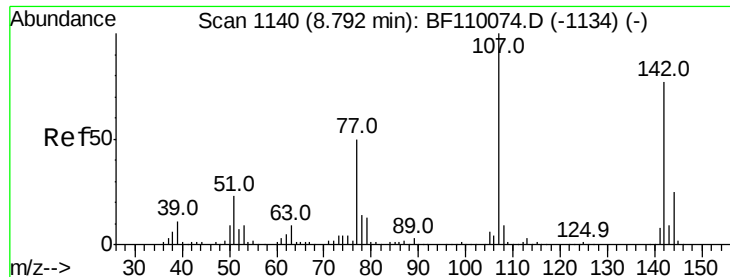
#35
Caprolactam
Concen: 36.001 ng m
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66200		
55	180.0	142.8	182.8	
56	126.5	105.0	145.0	



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





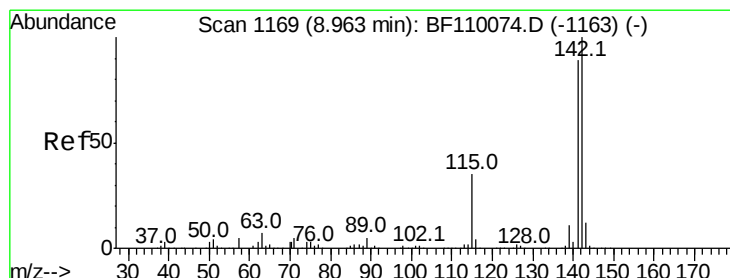
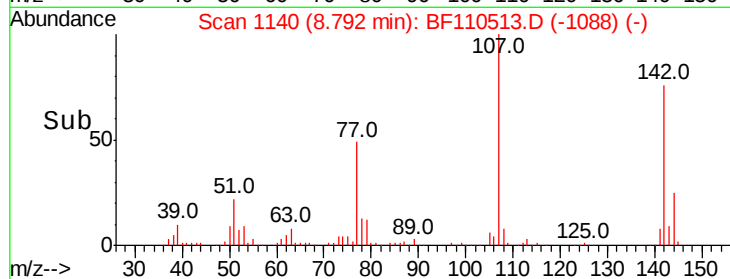
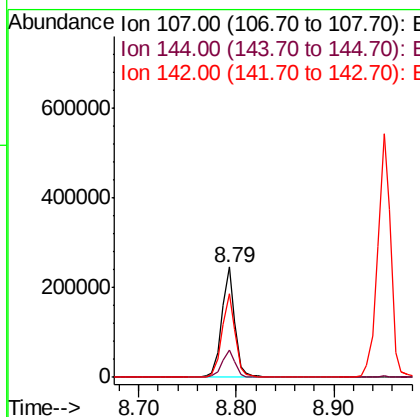
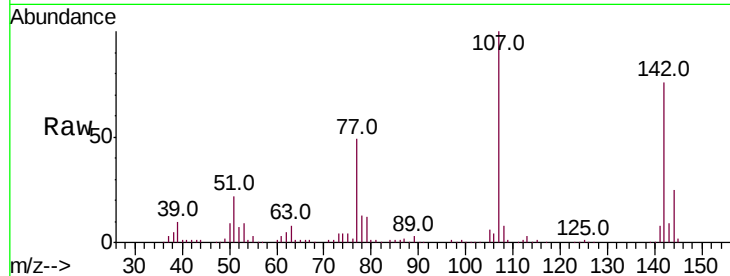
#36
 4-Chloro-3-methylphenol
 Concen: 39.951 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampled :
 SP-AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.0	30.0
142	76.0	59.7	89.5

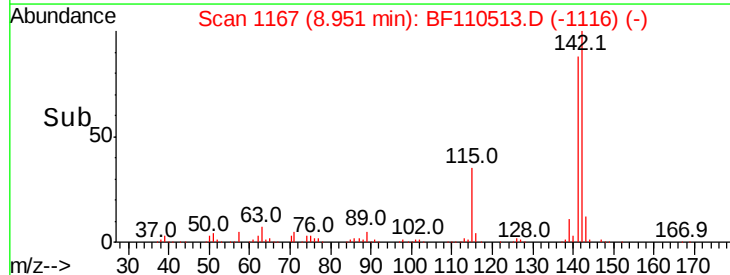
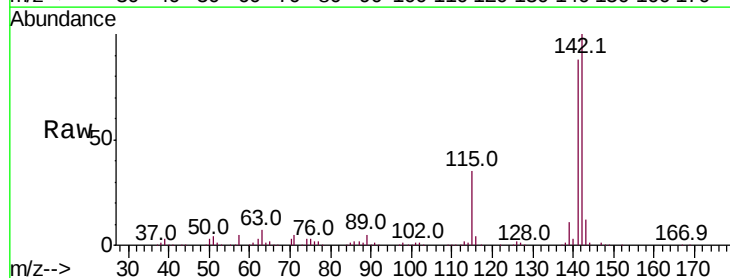
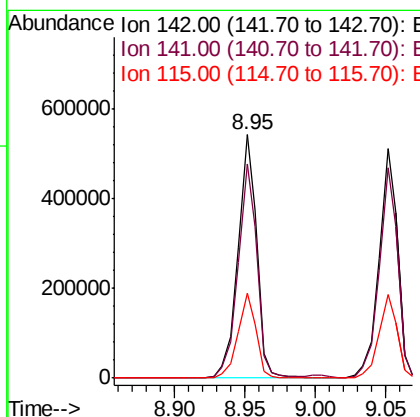
Manual Integrations
 APPROVED

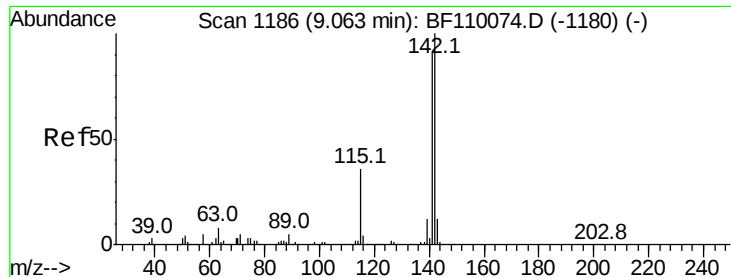
Sohil
 11/7/2018 2:54:26 PM



#37
 2-Methylnaphthalene
 Concen: 43.115 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	35.0	28.7	43.1





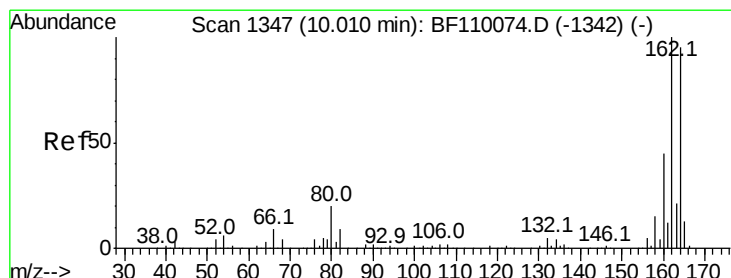
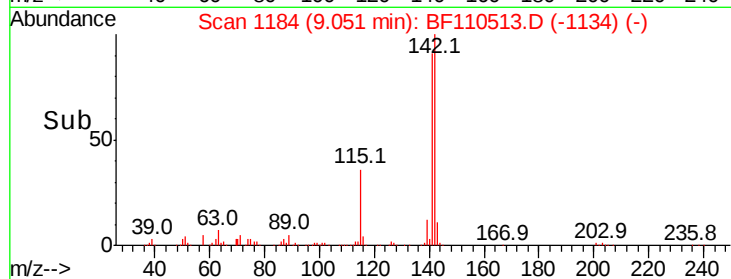
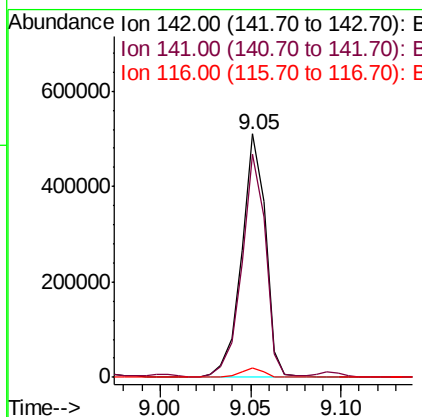
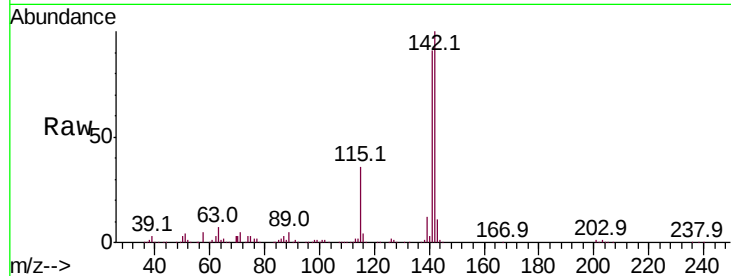
#38
1-Methylnaphthalene
Concen: 41.498 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	465008		
141	91.4	74.2	111.4	
116	3.8	2.6	4.0	

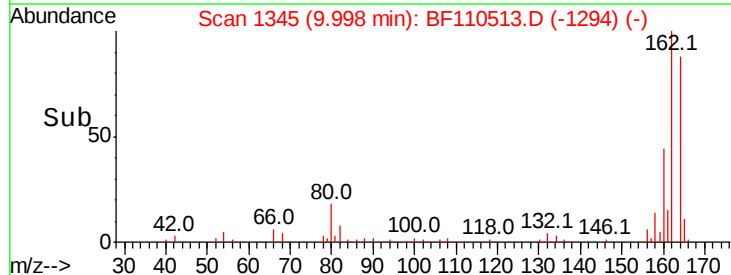
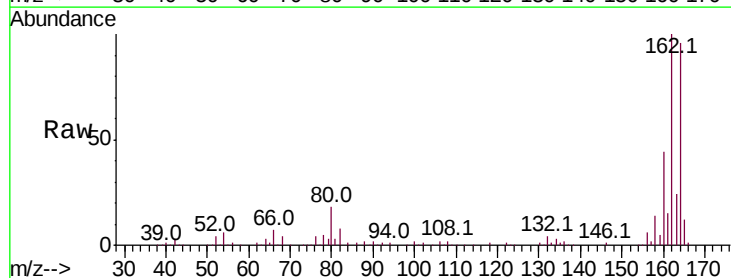
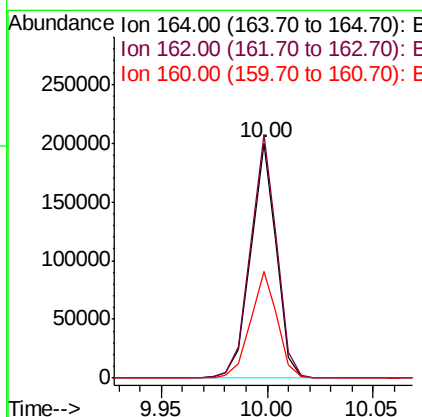
Manual Integrations
APPROVED

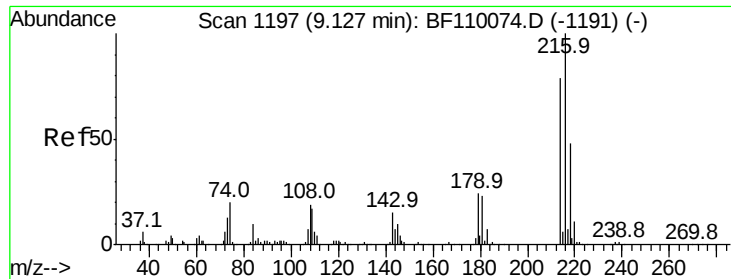
Sohil
11/7/2018 2:54:26 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169078		
162	103.7	83.0	124.6	
160	45.6	37.0	55.6	





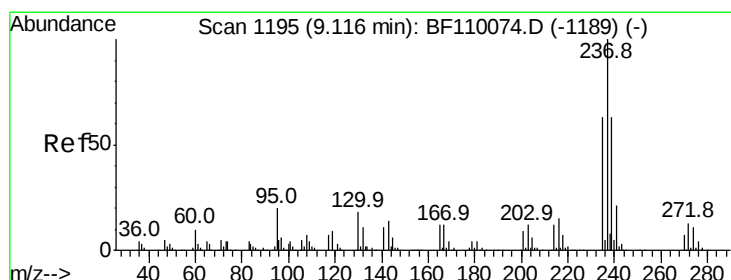
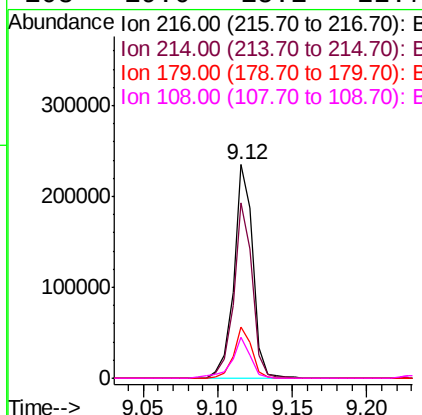
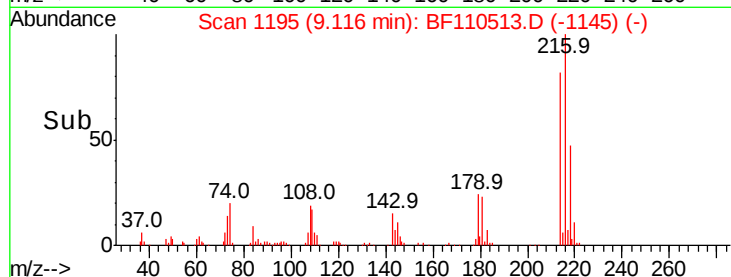
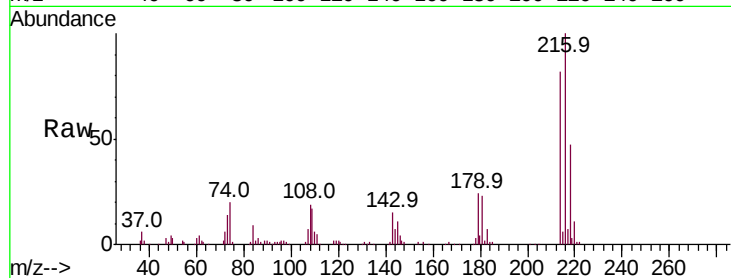
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.785 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	63.8	95.6
179	22.9	16.6	25.0
108	19.0	15.1	22.7

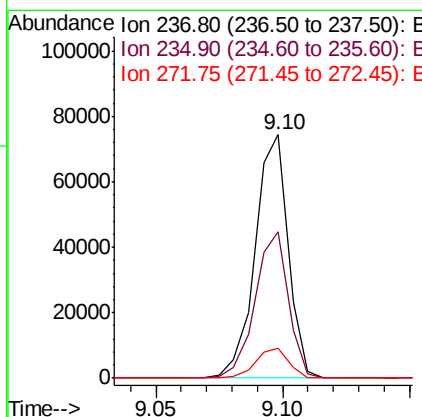
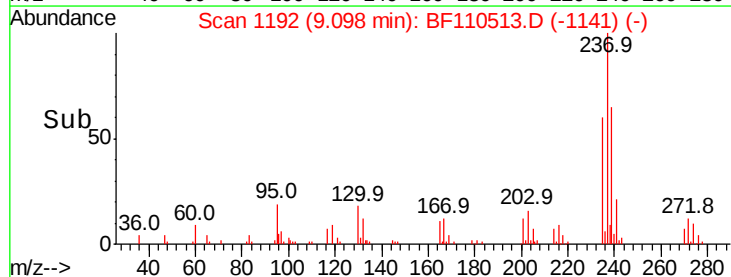
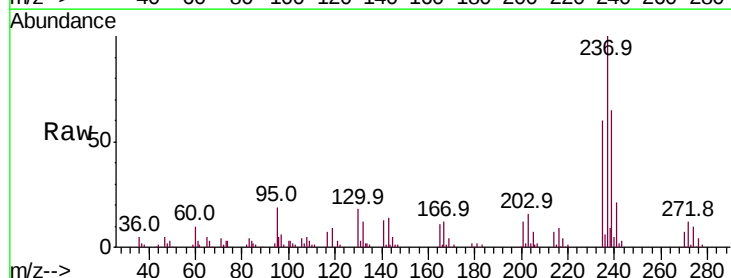
Manual Integrations
 APPROVED

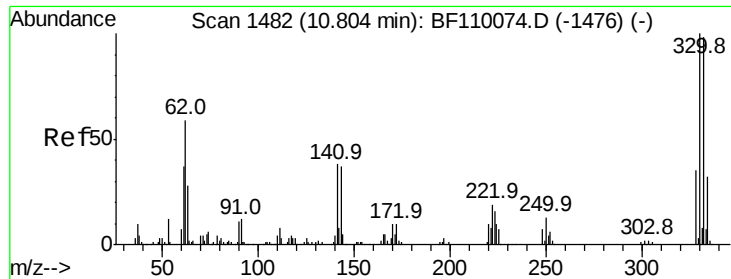
Sohil
 11/7/2018 2:54:26 PM



#41
 Hexachlorocyclopentadiene
 Concen: 25.187 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.4	43.1	83.1
272	12.1	0.0	32.6





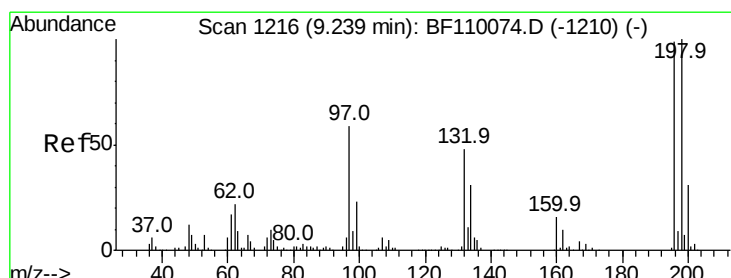
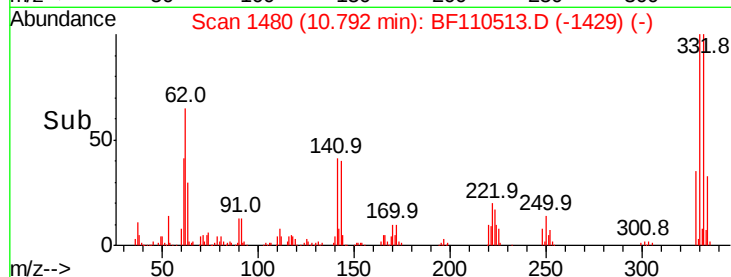
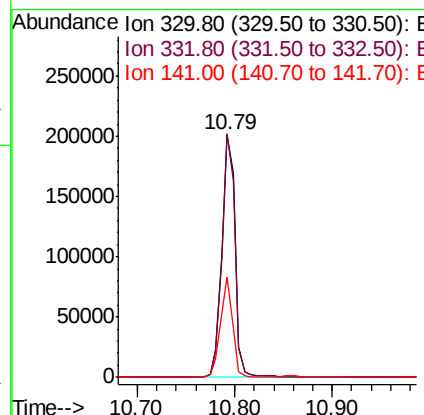
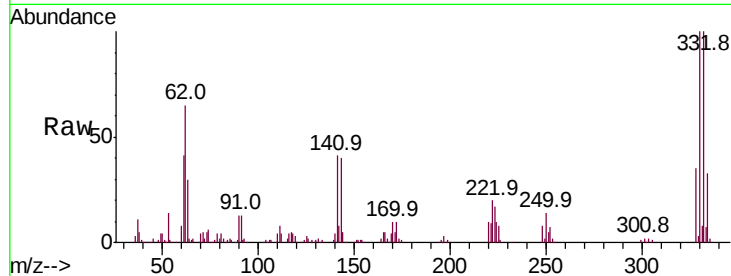
#42
 2,4,6-Tribromophenol
 Concen: 113.960 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampled :
 SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	190864		
332	97.8	77.1	115.7	
141	37.7	27.0	40.4	

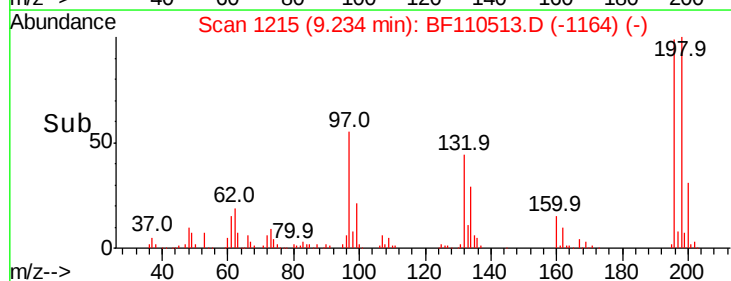
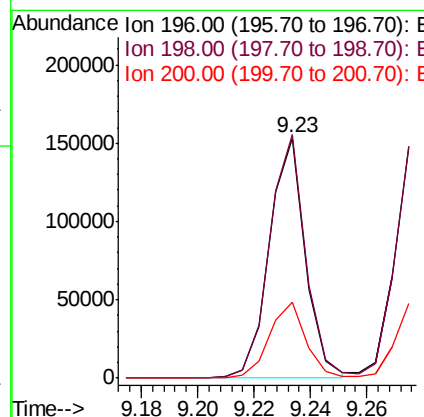
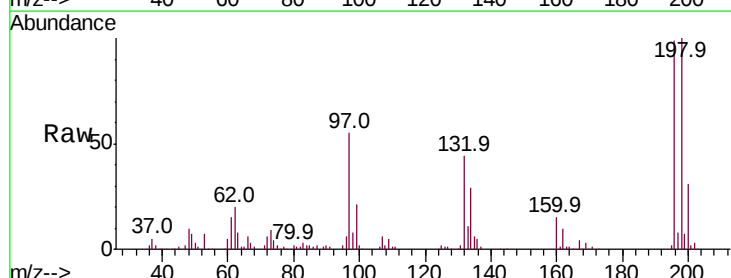
Manual Integrations
 APPROVED

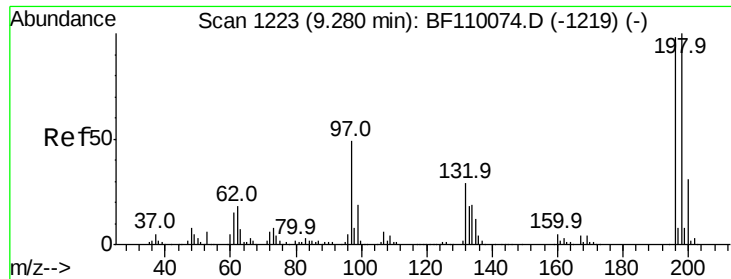
Sohil
 11/7/2018 2:54:26 PM



#43
 2,4,6-Trichlorophenol
 Concen: 39.795 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135220		
198	101.5	76.2	114.4	
200	31.8	24.4	36.6	





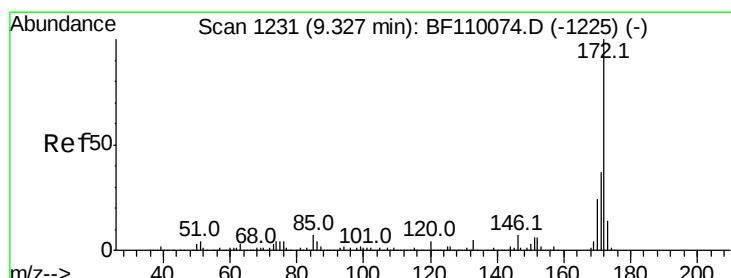
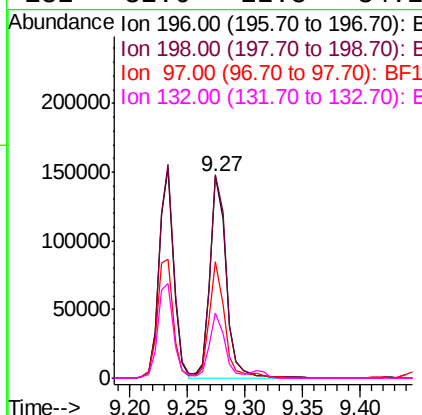
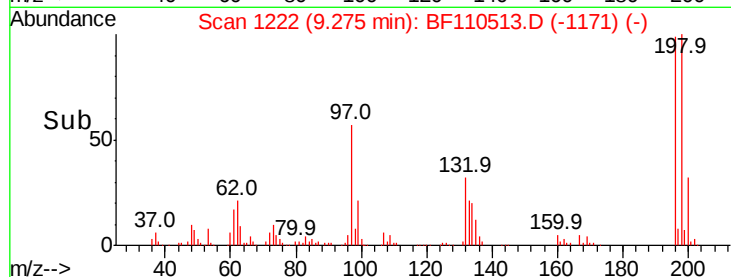
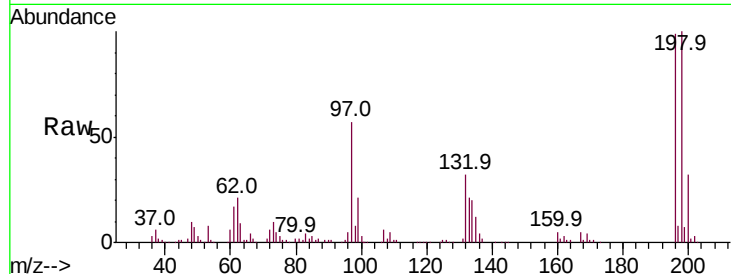
#44
 2,4,5-Trichlorophenol
 Concen: 40.253 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampleID :
 SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144575		
198	101.0	75.8	113.6	
97	57.8	42.4	63.6	
132	32.6	22.8	34.2	

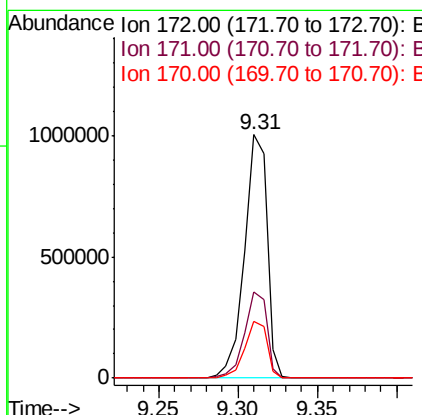
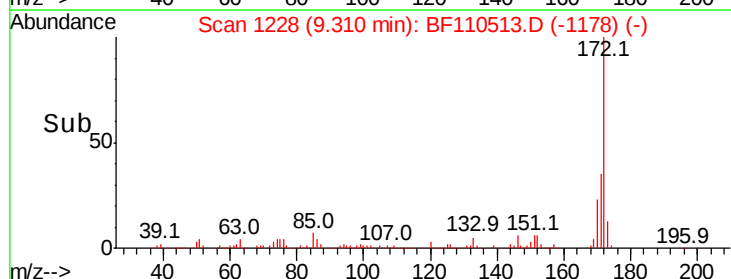
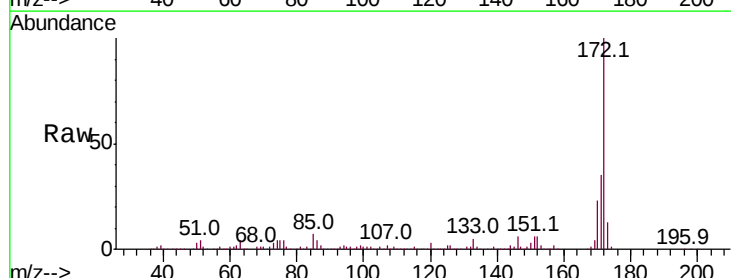
Manual Integrations
 APPROVED

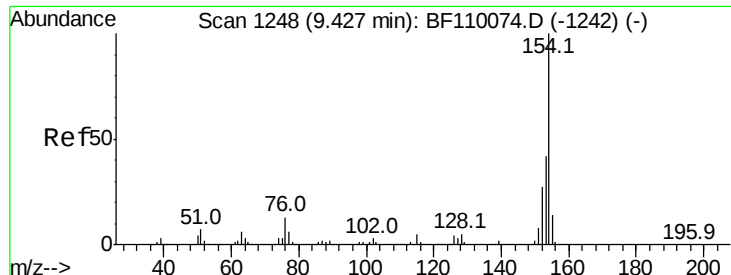
Sohil
 11/7/2018 2:54:26 PM



#45
 2-Fluorobiphenyl
 Concen: 92.300 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	993845		
171	35.5	28.6	43.0	
170	23.4	19.7	29.5	





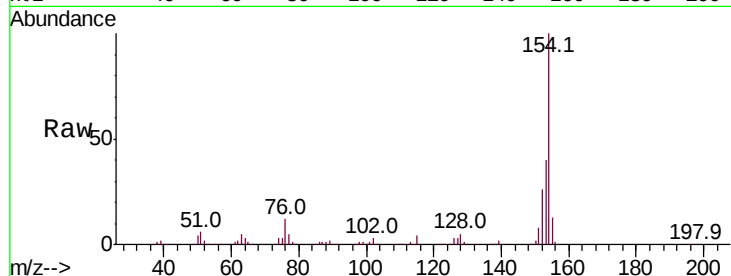
#46
 1,1'-Biphenyl
 Concen: 38.952 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampled :
 SP-AMSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.0	20.4	60.4
76	11.6	0.0	31.9

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:26 PM

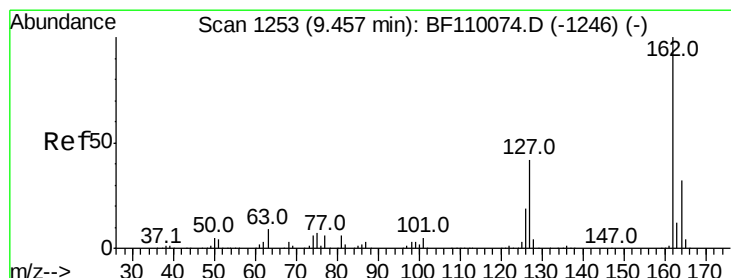
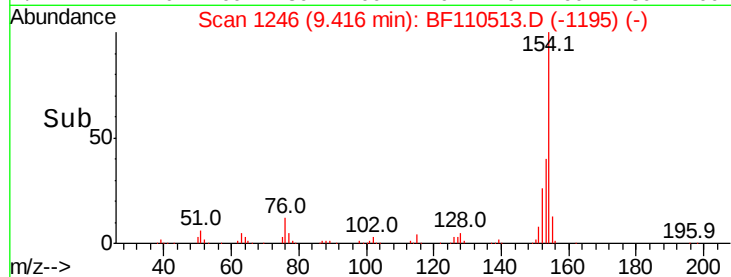
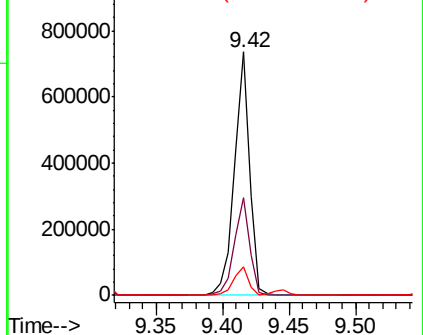


Abundance

Ion 154.00 (153.70 to 154.70): E

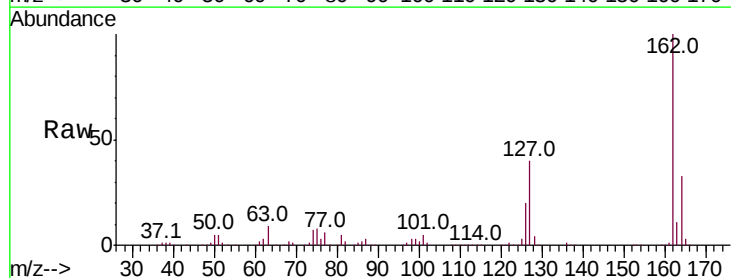
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 39.547 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.2	32.6	48.8
164	32.6	25.9	38.9

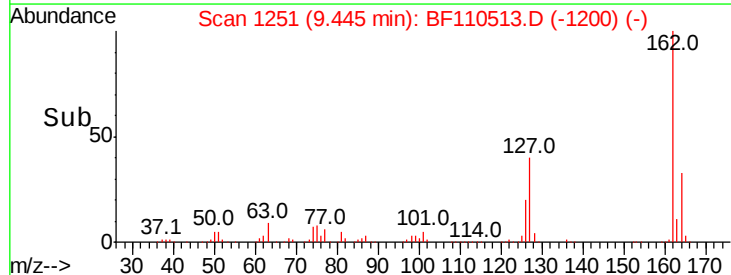
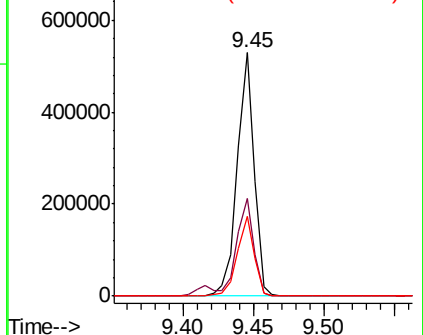


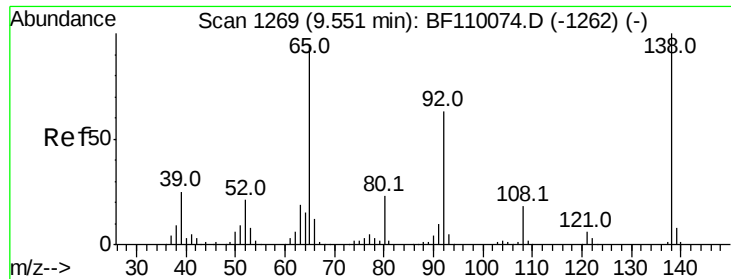
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





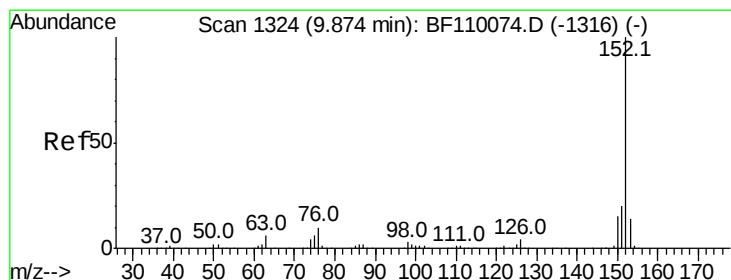
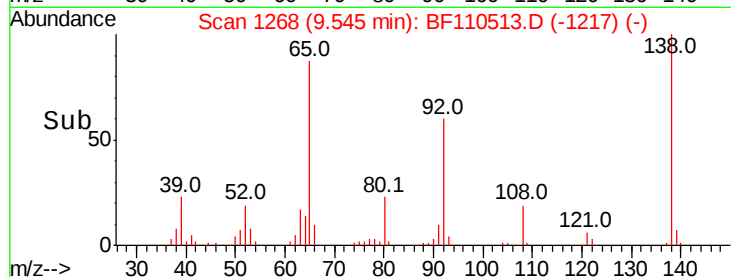
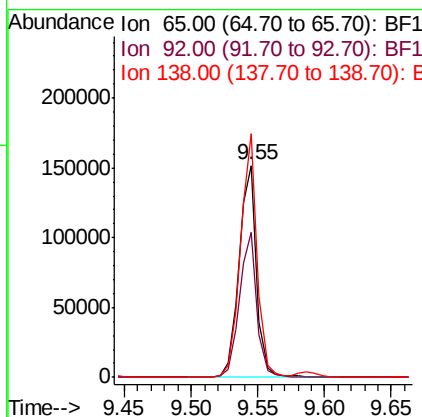
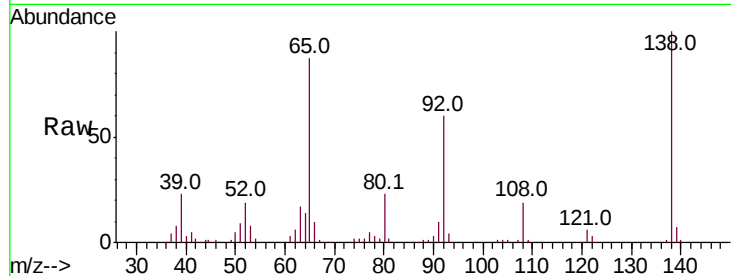
#48
2-Nitroaniline
Concen: 40.883 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.6	81.8
138	114.9	80.3	120.5

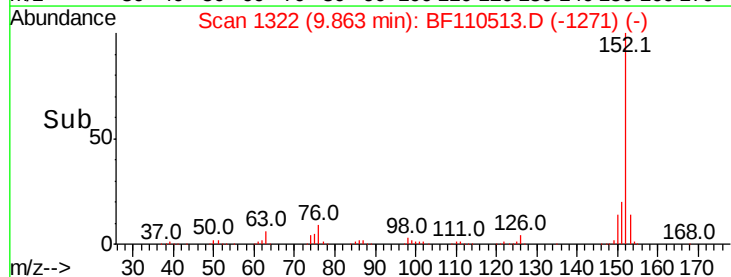
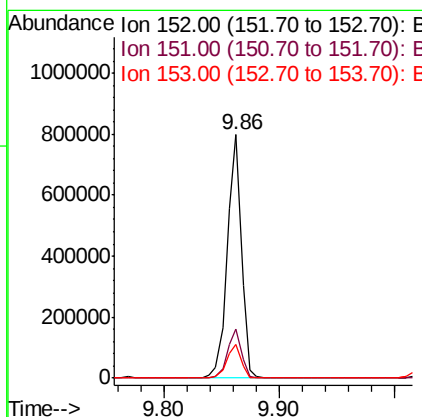
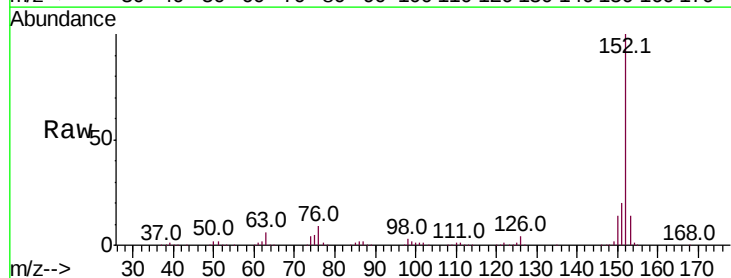
Manual Integrations
APPROVED

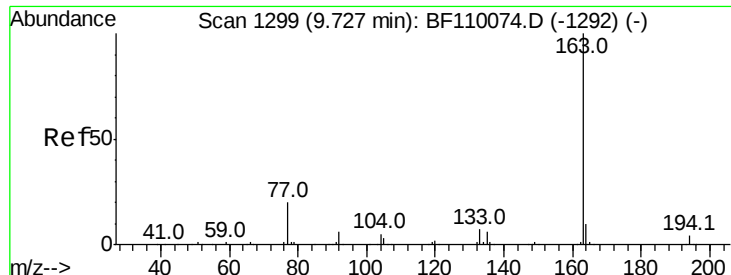
Sohil
11/7/2018 2:54:26 PM



#49
Acenaphthylene
Concen: 41.611 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.8	10.4	15.6





#50

Dimethylphthalate

Concen: 54.062 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

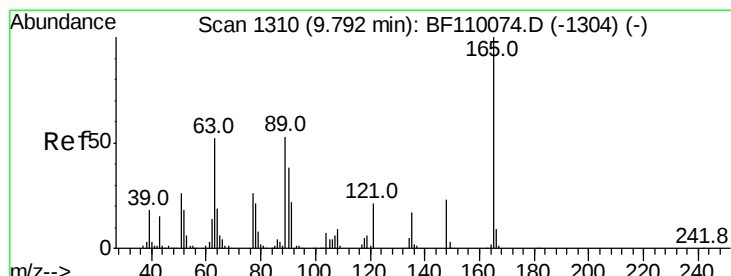
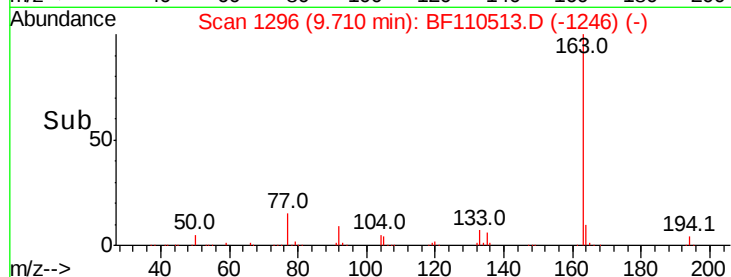
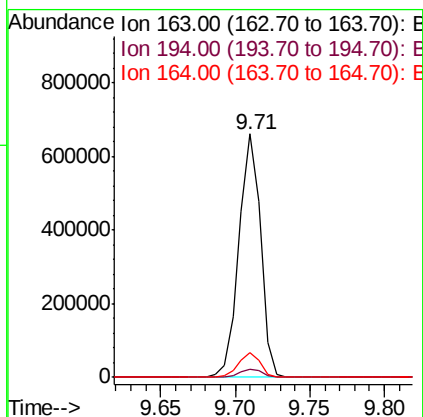
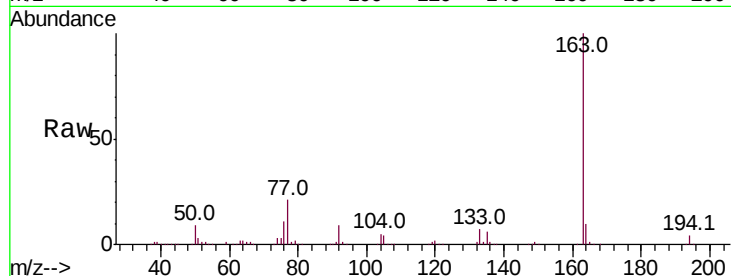
ClientSampleId :

SP-AMSD

Tot Ion:	163	Resp:	674744
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	10.4	8.1	12.1

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#51

2,6-Dinitrotoluene

Concen: 40.816 ng

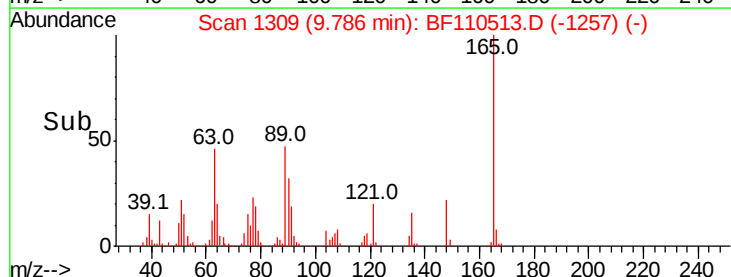
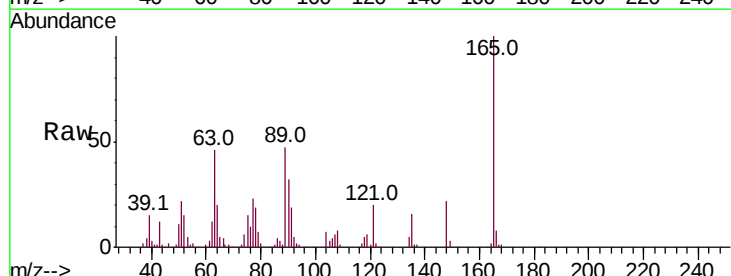
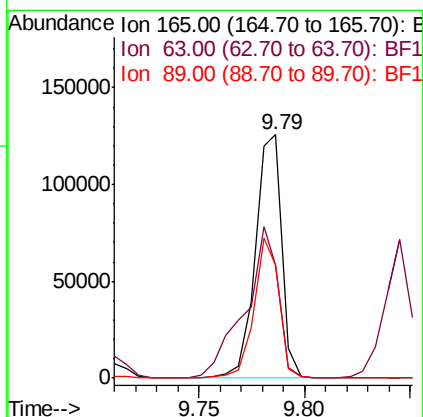
RT: 9.79 min Scan# 1309

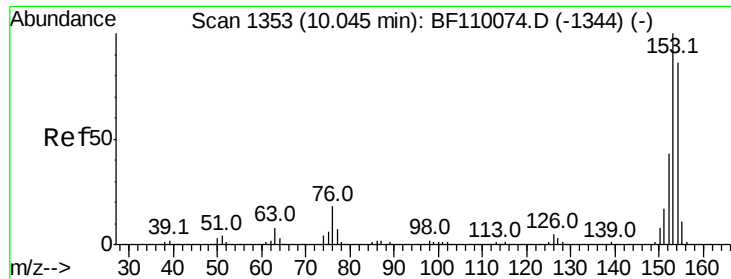
Delta R.T. 0.01 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	165	Resp:	109731
Ion Ratio	Lower	Upper	
165	100		
63	46.2	48.9	73.3#
89	46.7	46.6	69.8





#52

Acenaphthene

Concen: 37.388 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

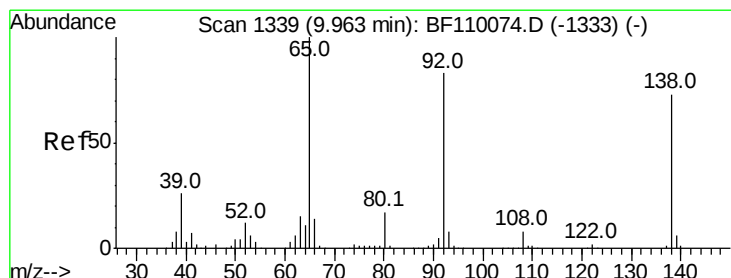
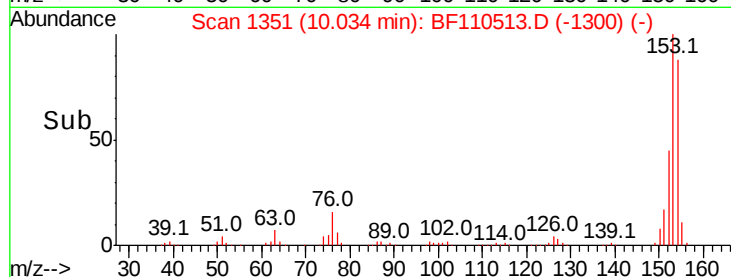
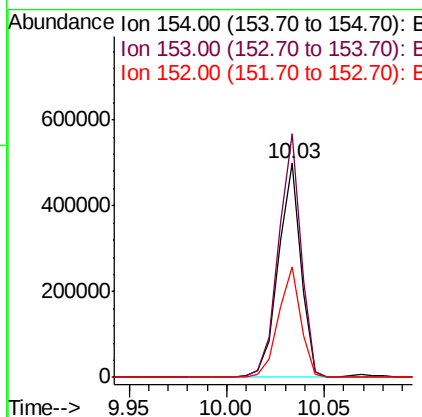
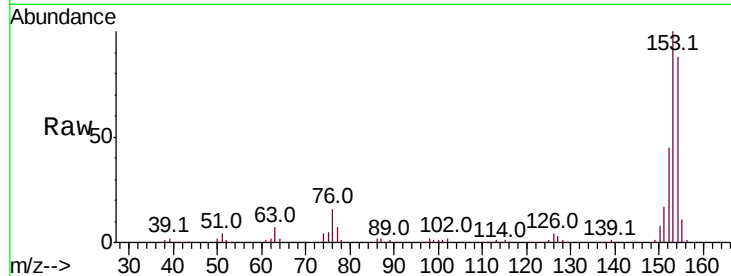
ClientSampleId :

SP-AMSD

Tot Ion:	154	Resp:	400667
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.1	135.1
152	51.6	43.4	65.2

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#53

3-Nitroaniline

Concen: 31.312 ng

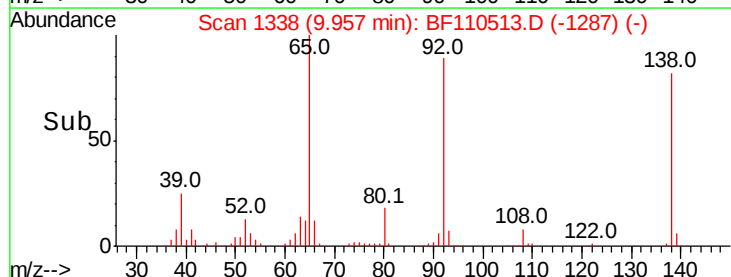
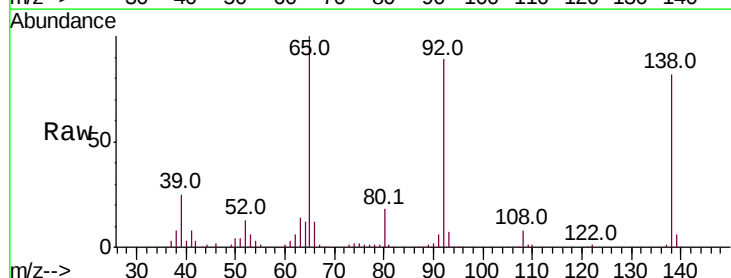
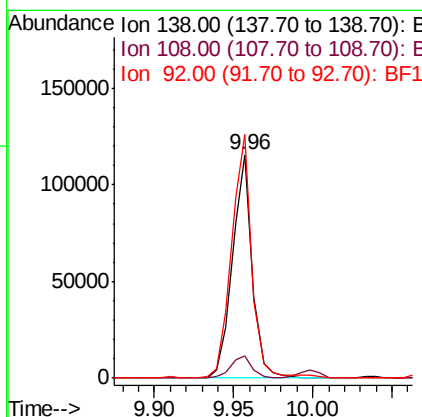
RT: 9.96 min Scan# 1338

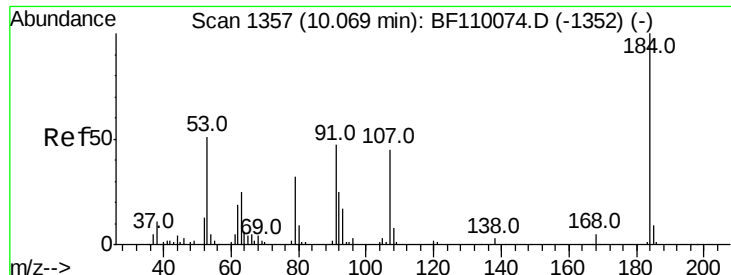
Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	138	Resp:	100105
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.7	13.1
92	108.9	97.0	145.4





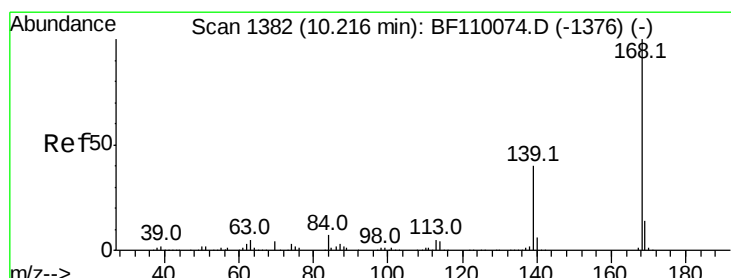
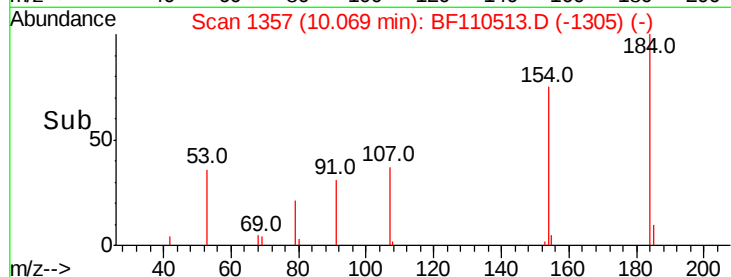
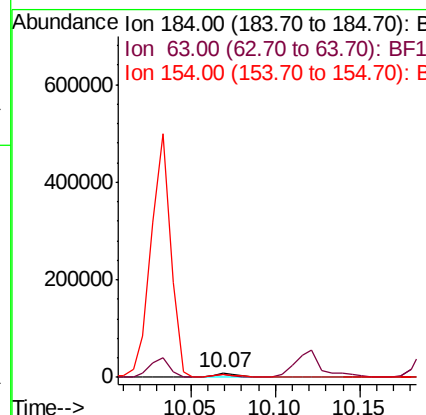
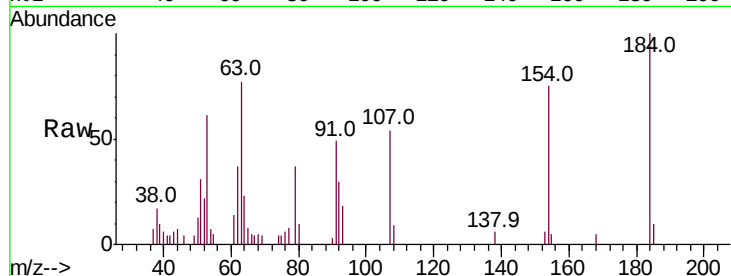
#54
2,4-Dinitrophenol
Concen: 14.477 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	77.0	55.8	83.6	
154	75.4	63.2	94.8	

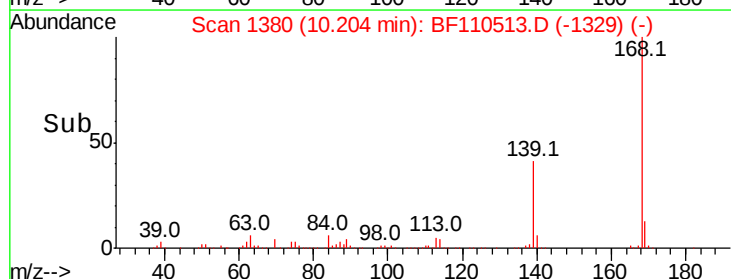
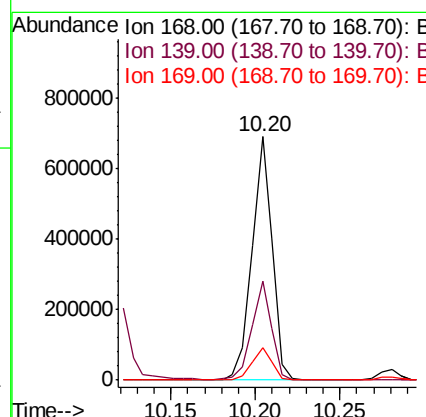
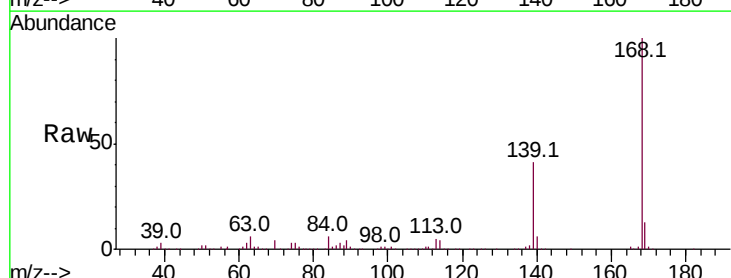
Manual Integrations
APPROVED

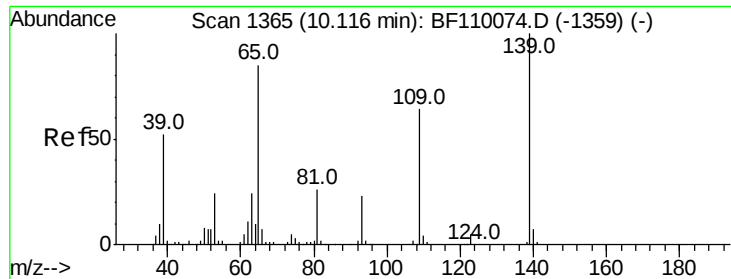
Sohil
11/7/2018 2:54:26 PM



#55
Dibenzofuran
Concen: 38.499 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.8	33.0	49.6	
169	13.1	11.3	16.9	





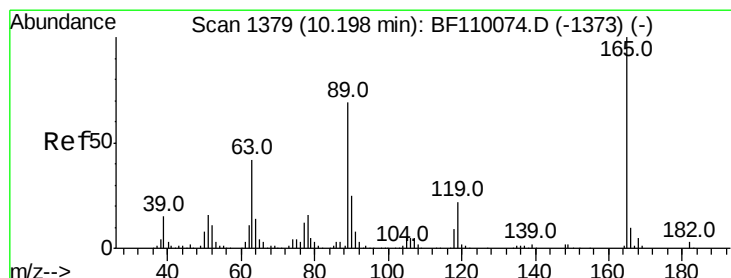
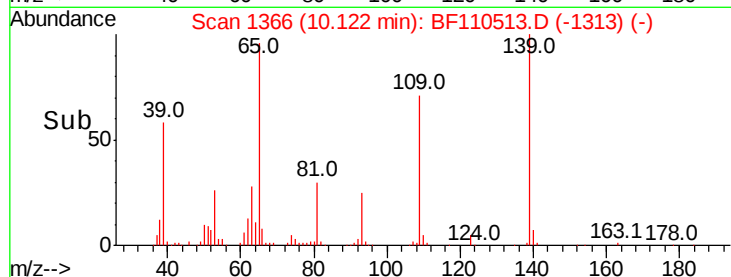
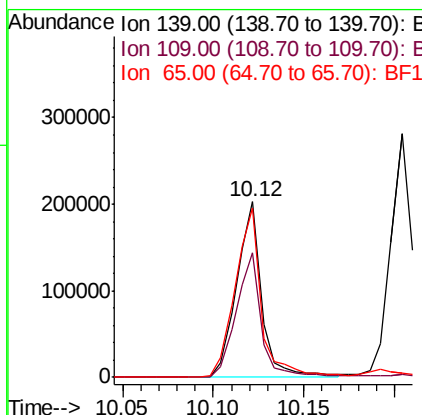
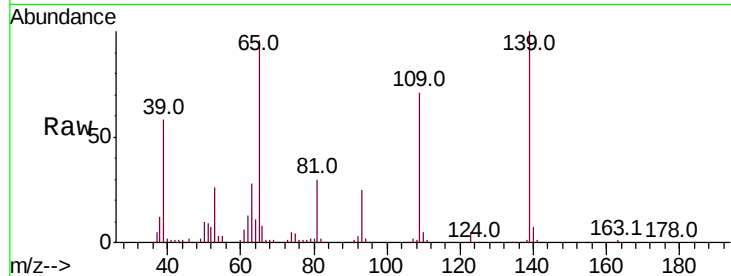
#56
4-Nitrophenol
Concen: 82.957 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.9	55.8	95.8
65	96.2	77.9	117.9

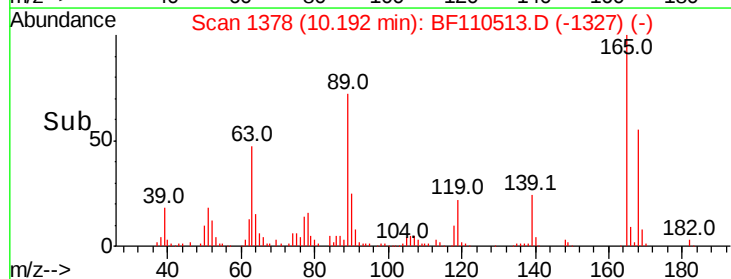
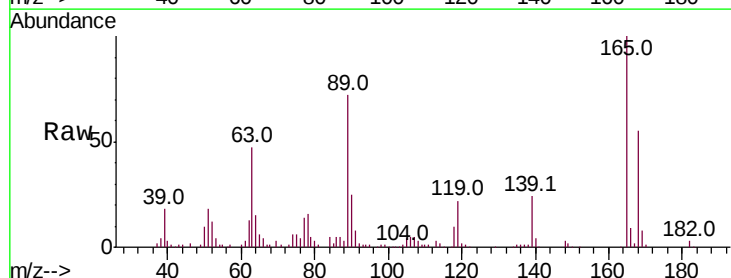
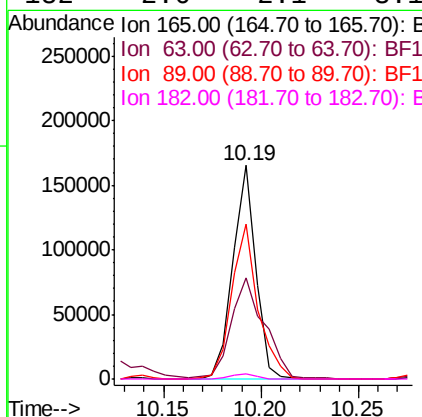
Manual Integrations
APPROVED

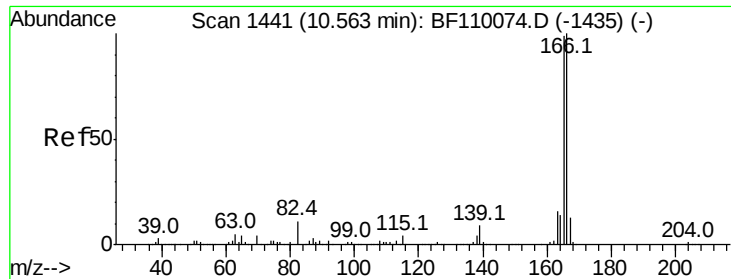
Sohil
11/7/2018 2:54:26 PM



#57
2,4-Dinitrotoluene
Concen: 39.500 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	44.8	67.2
89	72.4	62.2	93.4
182	2.6	2.1	3.1





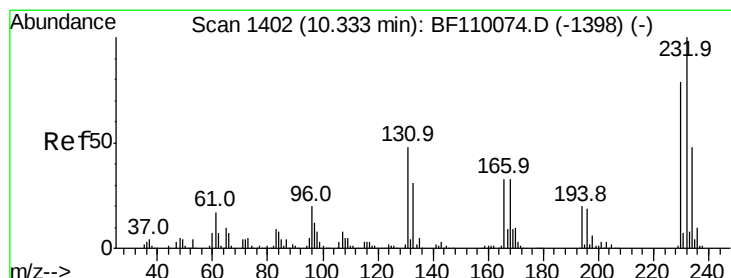
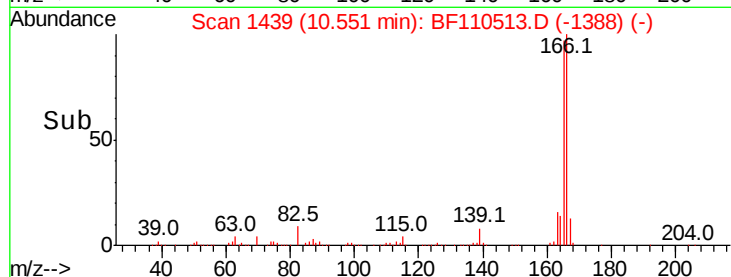
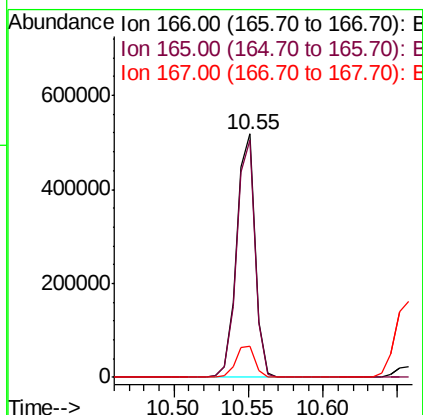
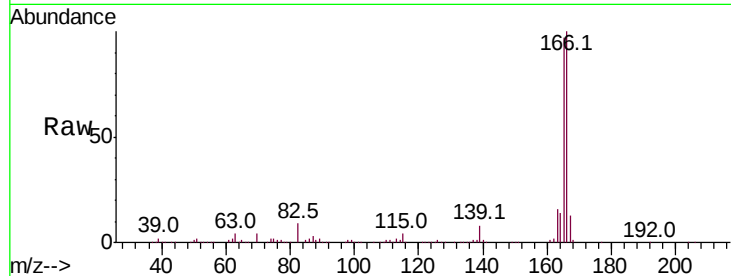
#58
 Fluorene
 Concen: 40.512 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	452380		
165	97.4		78.6	117.8
167	12.8		10.8	16.2

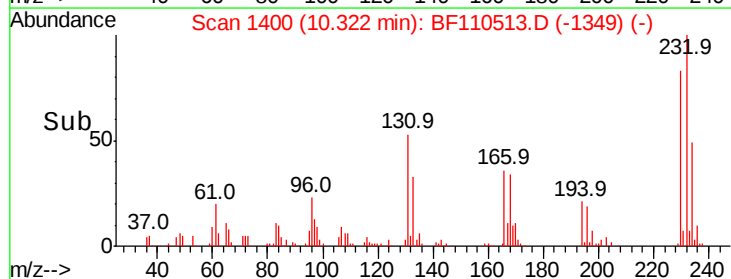
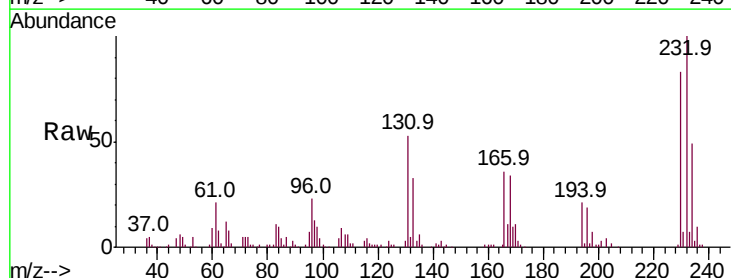
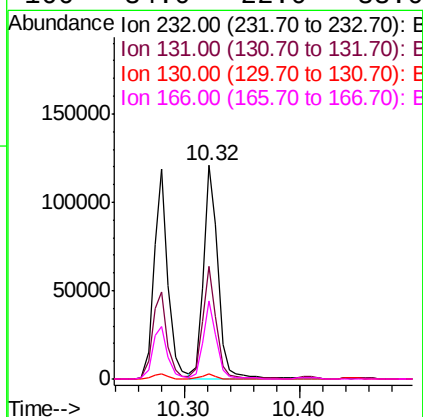
Manual Integrations
 APPROVED

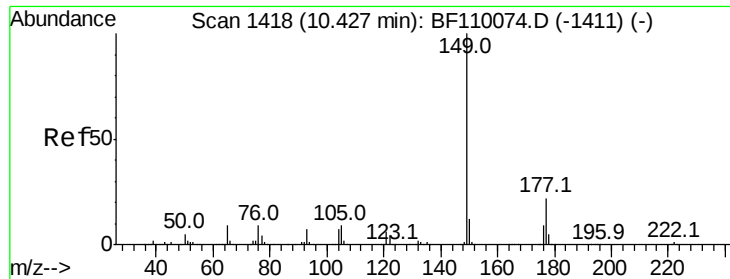
Sohil
 11/7/2018 2:54:26 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.284 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	106222		
131	50.5		37.0	55.4
130	2.5		1.8	2.6
166	34.0		22.0	33.0#





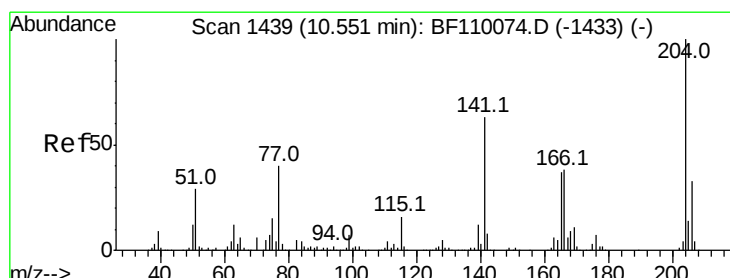
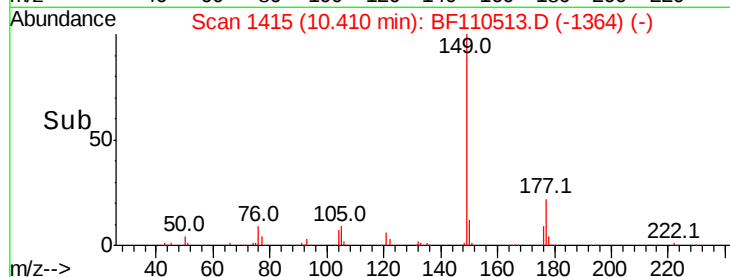
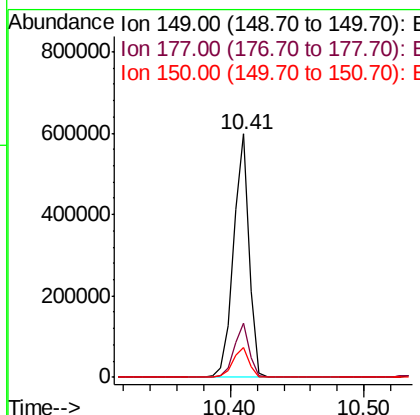
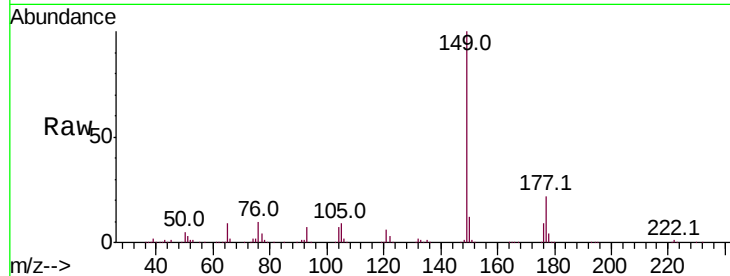
#60
Diethylphthalate
Concen: 40.488 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	493286		
177	22.0		17.4	26.2
150	12.5		9.8	14.8

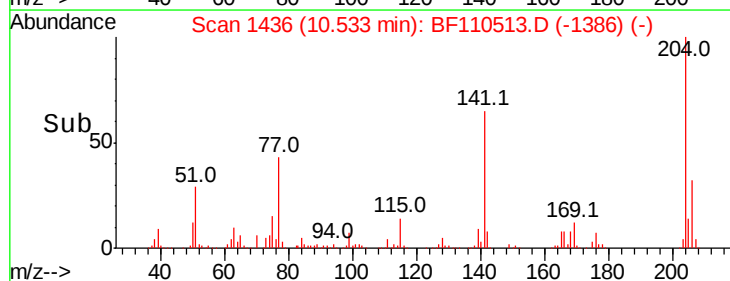
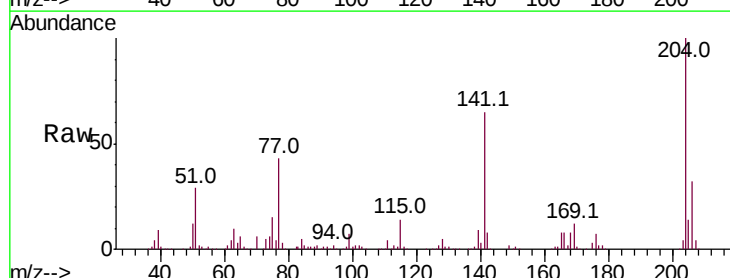
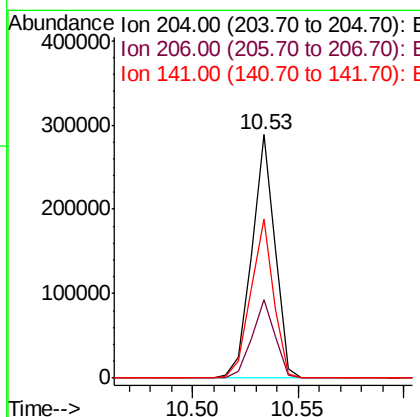
Manual Integrations
APPROVED

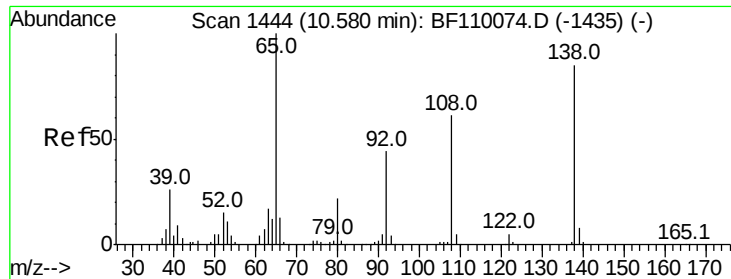
Sohil
11/7/2018 2:54:26 PM



#61
4-Chlorophenyl-phenylether
Concen: 37.381 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	220203		
206	32.0		26.5	39.7
141	65.2		51.8	77.8





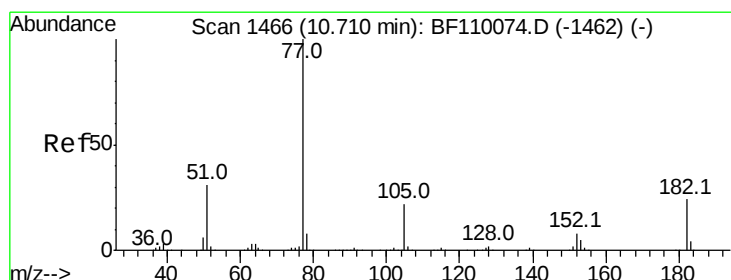
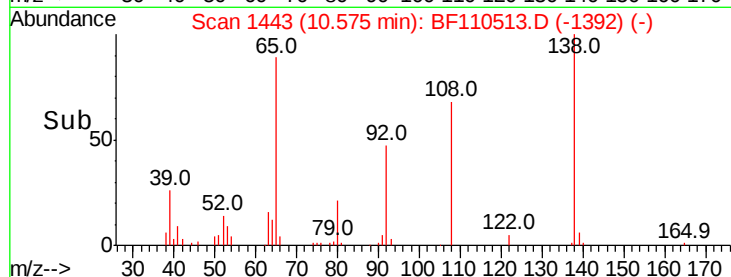
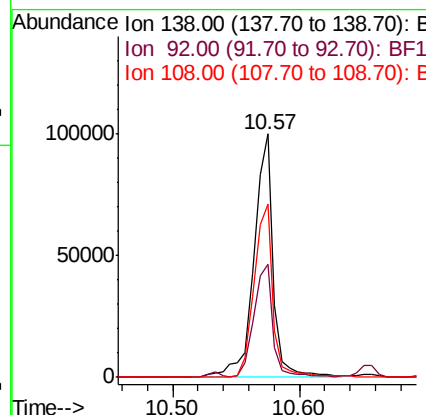
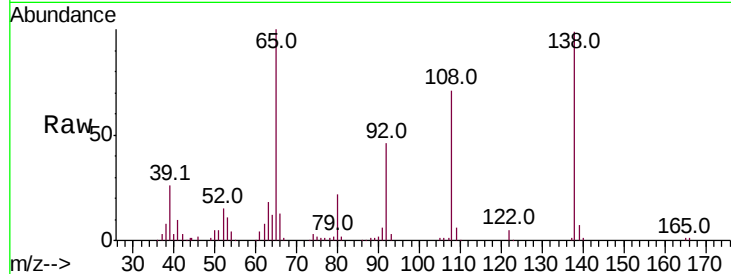
#62
4-Nitroaniline
Concen: 33.504 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampled :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.5	31.7	71.7
108	71.2	59.3	99.3

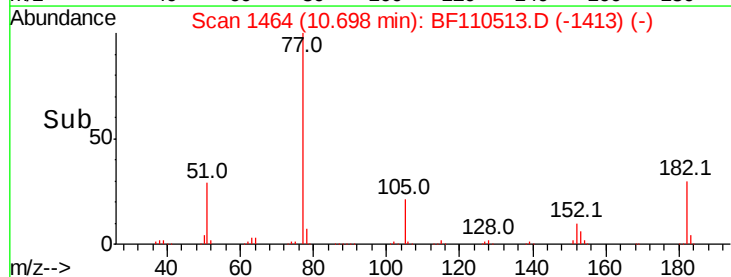
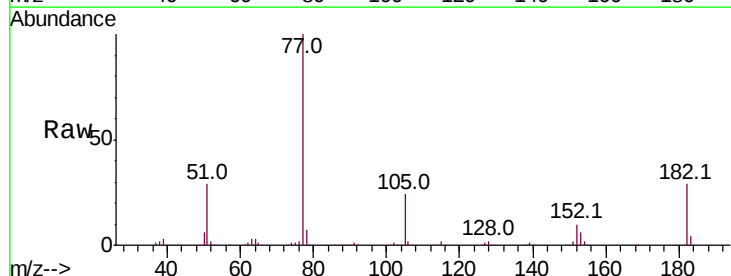
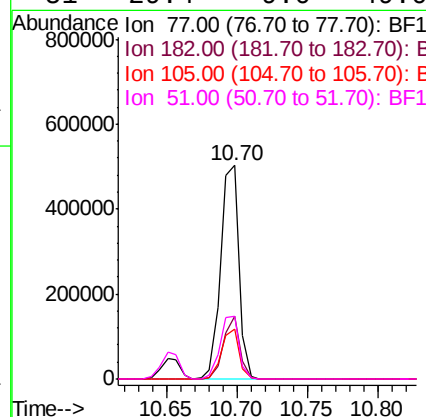
Manual Integrations
APPROVED

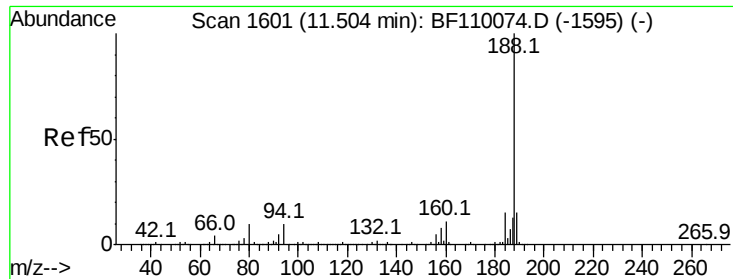
Sohil
11/7/2018 2:54:26 PM



#63
Azobenzene
Concen: 37.719 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	4.3	44.3
105	23.6	1.3	41.3
51	29.4	9.0	49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

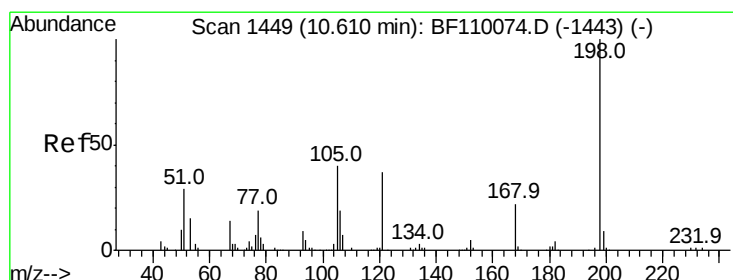
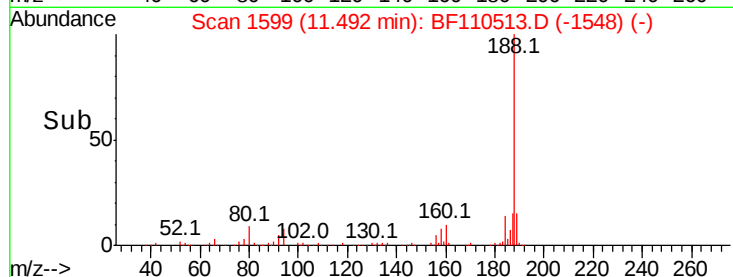
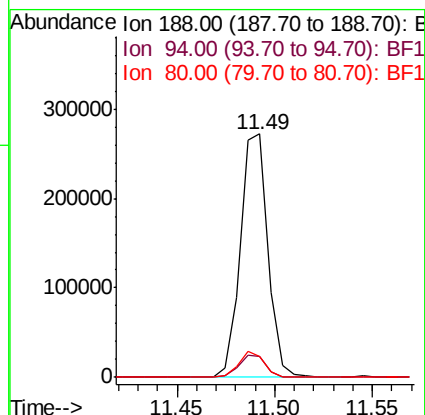
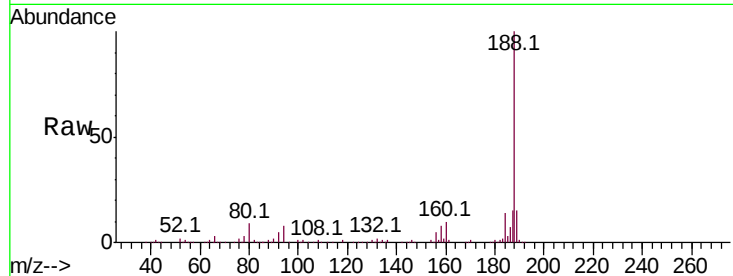
ClientSampleId :

SP-AMSD

Tot Ion:	188	Resp:	265776
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.2	10.8
80	8.8	7.9	11.9

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#65

4,6-Dinitro-2-methylphenol

Concen: 16.147 ng

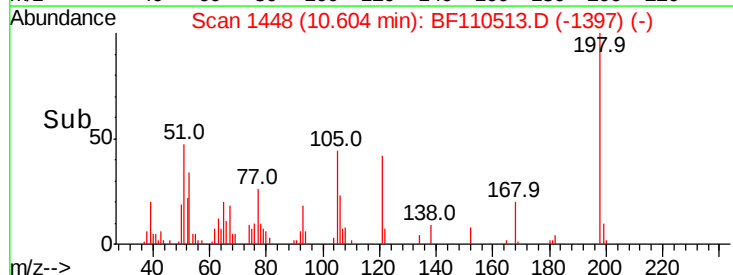
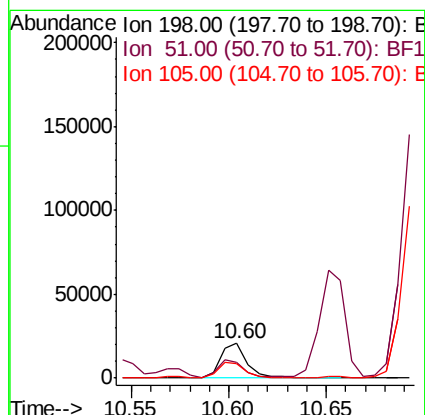
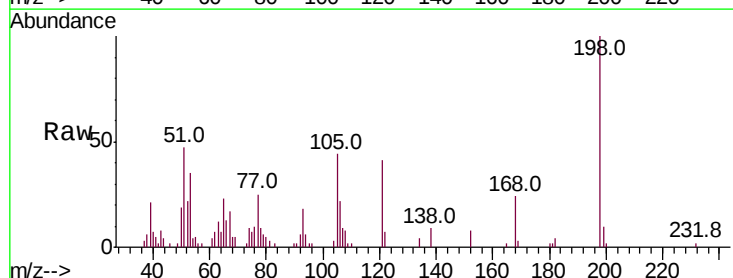
RT: 10.60 min Scan# 1448

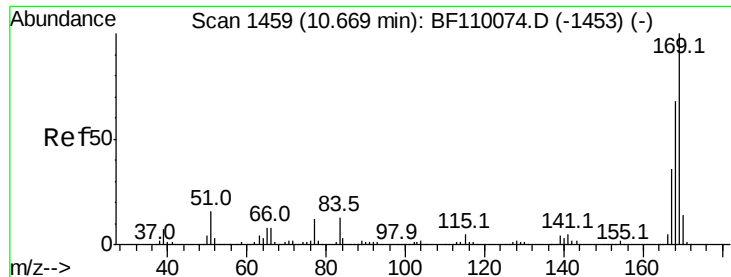
Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion:	198	Resp:	19607
Ion Ratio	Lower	Upper	
198	100		
51	46.5	22.8	62.8
105	43.7	23.6	63.6





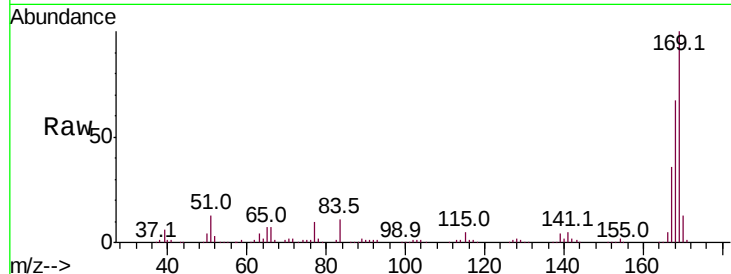
#66
 n-Nitrosodiphenylamine
 Concen: 45.774 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	399037		
168	66.6		51.2	76.8
167	36.0		27.8	41.6

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:26 PM



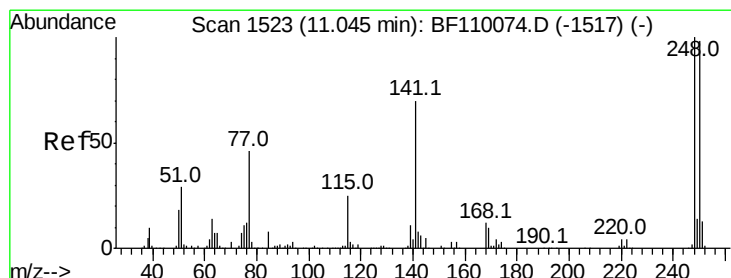
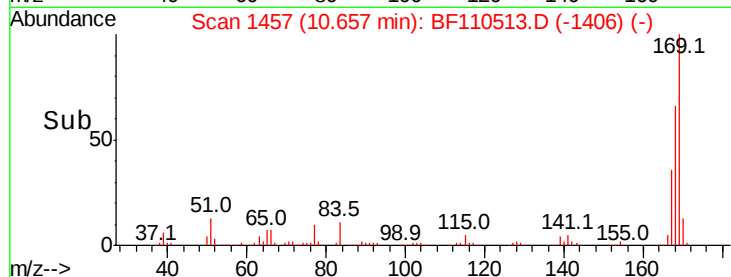
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

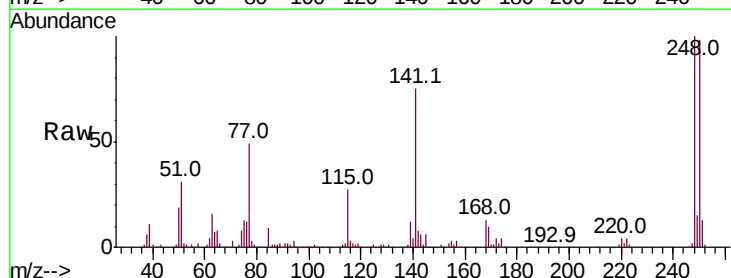
Ion 167.00 (166.70 to 167.70): E

Time-->



#67
 4-Bromophenyl-phenylether
 Concen: 42.474 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	122448		
250	98.2		79.4	119.2
141	75.0		55.9	83.9



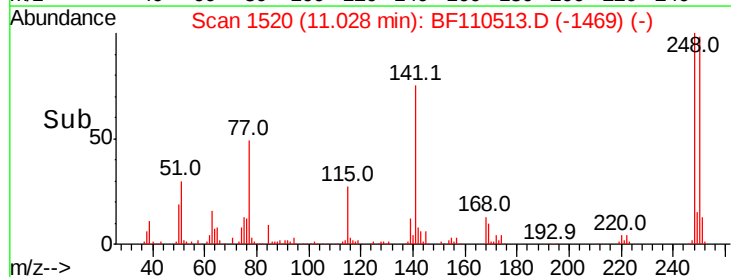
Abundance

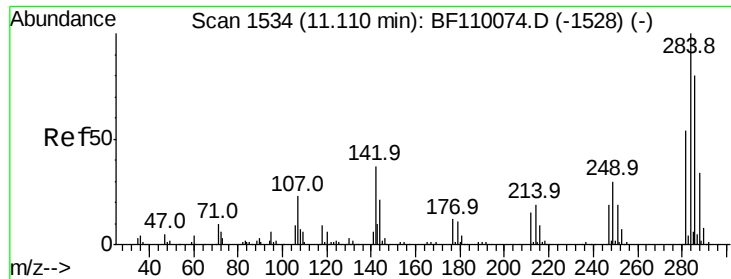
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#68

Hexachlorobenzene

Concen: 40.212 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

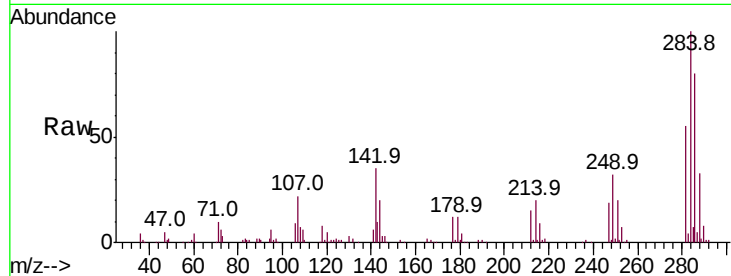
ClientSampleId :

SP-AMSD

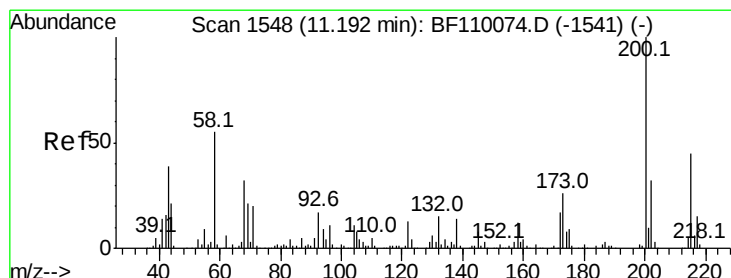
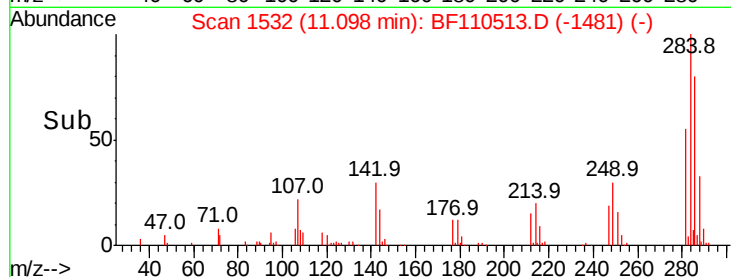
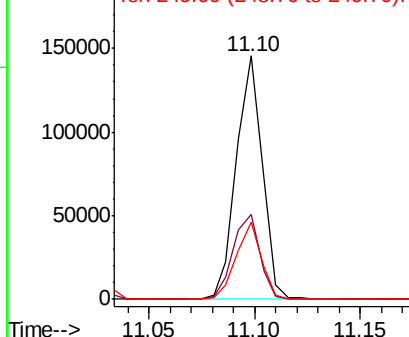
Tot Ion:	284	Resp:	123002
Ion Ratio		Lower	Upper
284	100		
142	35.1	23.9	35.9
249	31.6	24.2	36.2

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



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: 45.087 ng

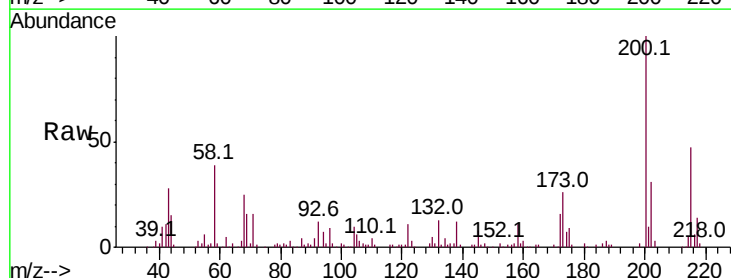
RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

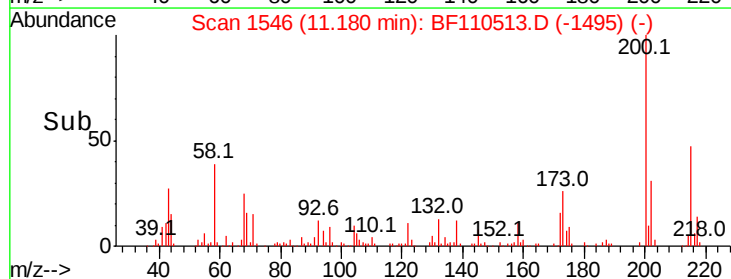
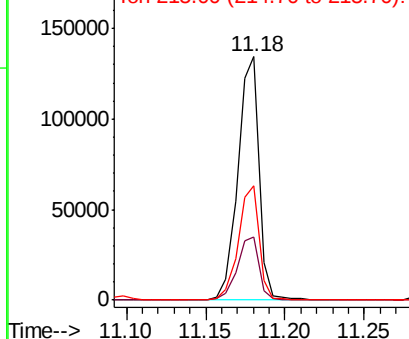
Lab File: BF110513.D

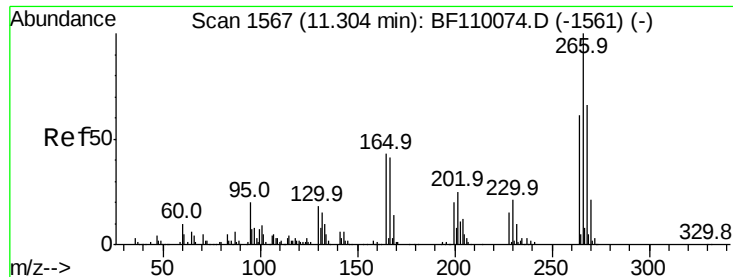
Acq: 6 Nov 2018 14:18

Tgt Ion:	200	Resp:	124210
Ion Ratio		Lower	Upper
200	100		
173	26.0	6.6	46.6
215	47.2	26.3	66.3



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





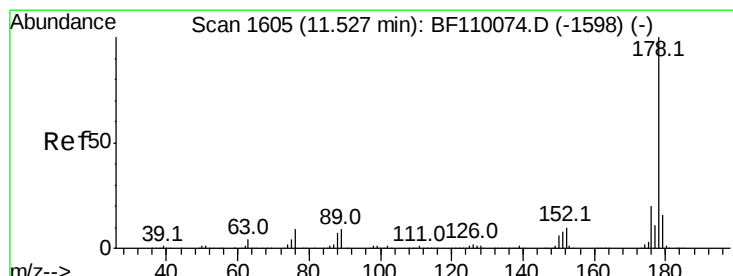
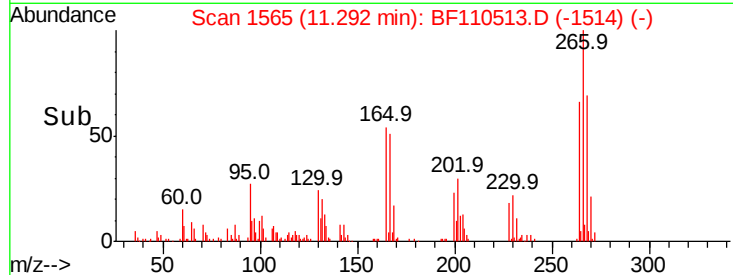
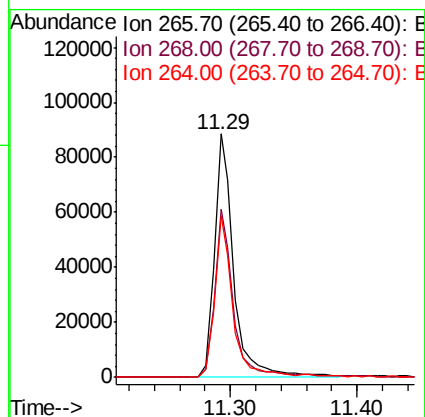
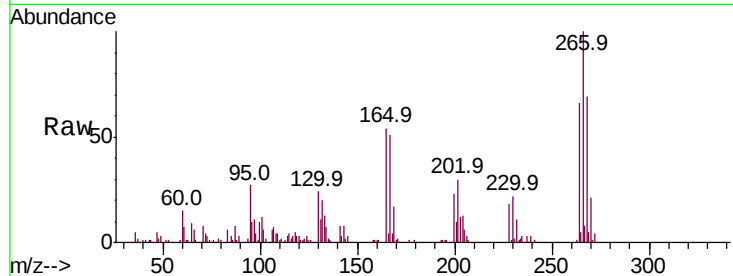
#70
 Pentachlorophenol
 Concen: 53.272 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampled :
 SP-AMSD

Tot Ion:	266	Resp:	95018
Ion Ratio	Lower	Upper	
266	100		
268	68.9	50.6	75.8
264	66.2	50.6	75.8

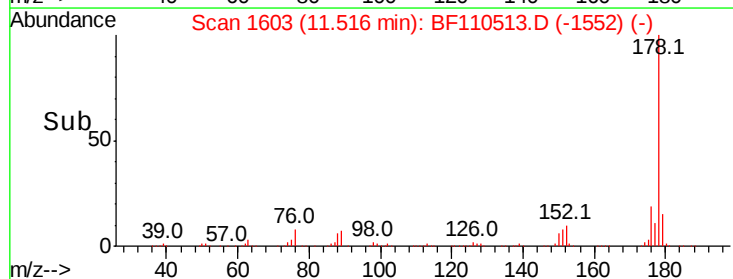
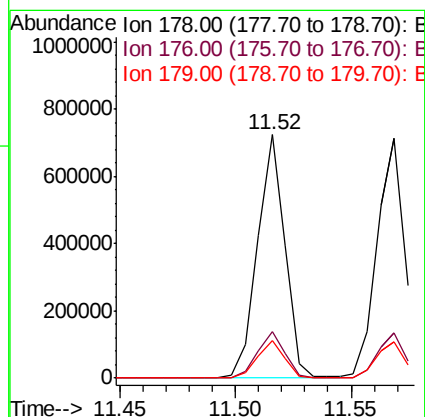
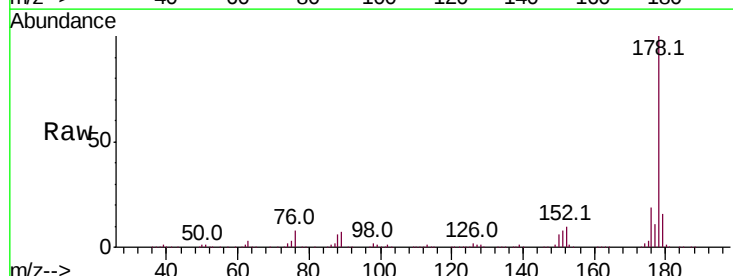
Manual Integrations
 APPROVED

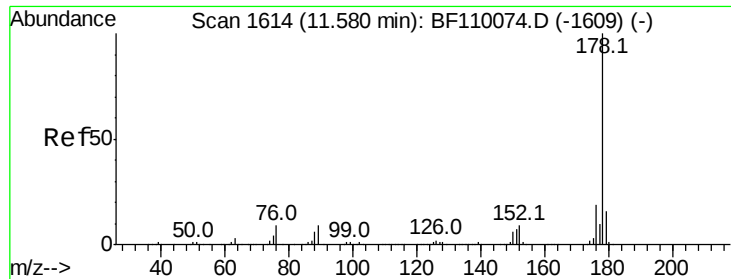
Sohil
 11/7/2018 2:54:26 PM



#71
 Phenanthrene
 Concen: 43.373 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Tgt Ion:	178	Resp:	603174
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.5	23.3
179	15.7	12.5	18.7





#72

Anthracene

Concen: 43.427 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

ClientSampleId :

SP-AMSD

Tot Ion:178 Resp: 605339

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

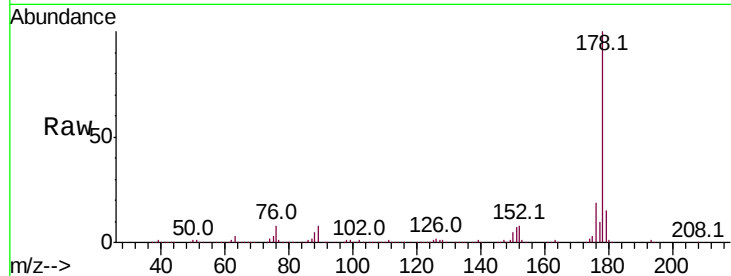
179 15.4 12.6 18.8

Manual Integrations

APPROVED

Sohil

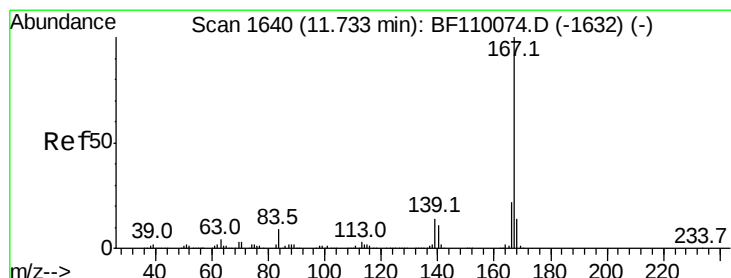
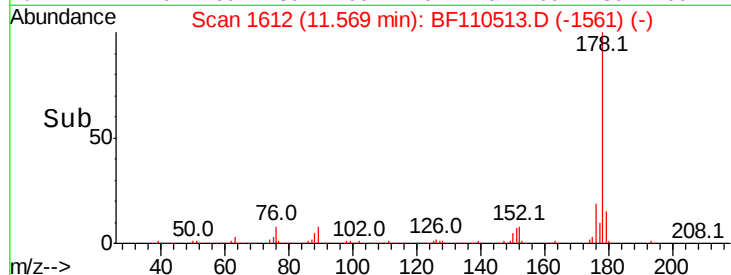
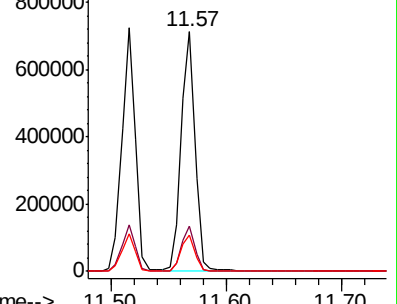
11/7/2018 2:54:26 PM



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



#73

Carbazole

Concen: 37.814 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

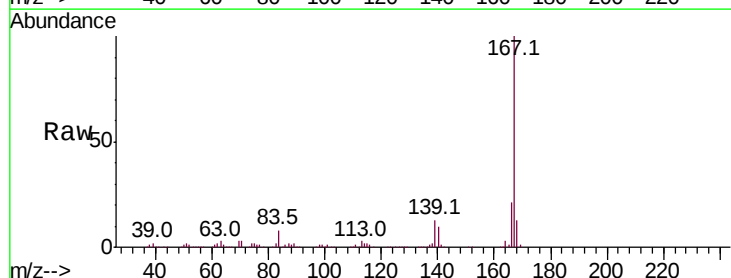
Tgt Ion:167 Resp: 514653

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

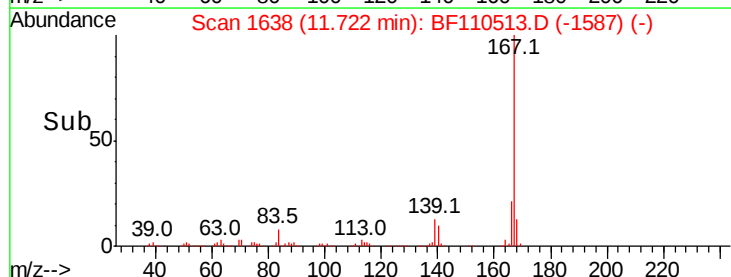
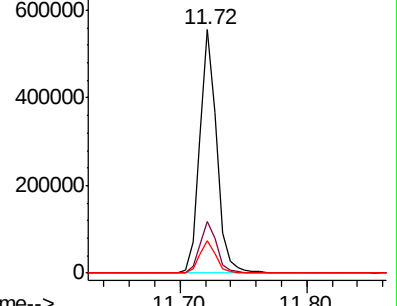
139 13.2 10.9 16.3

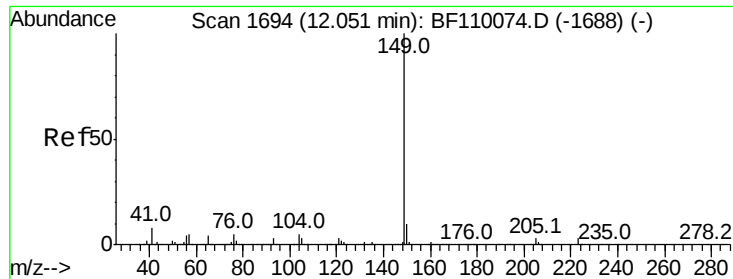


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





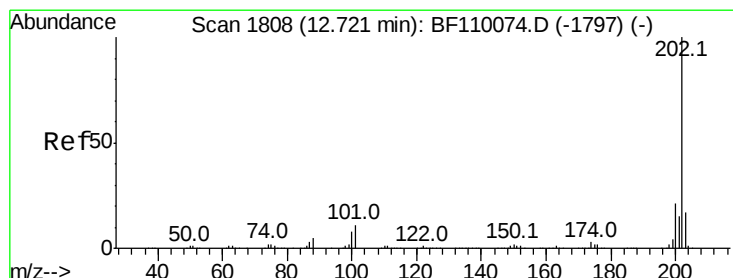
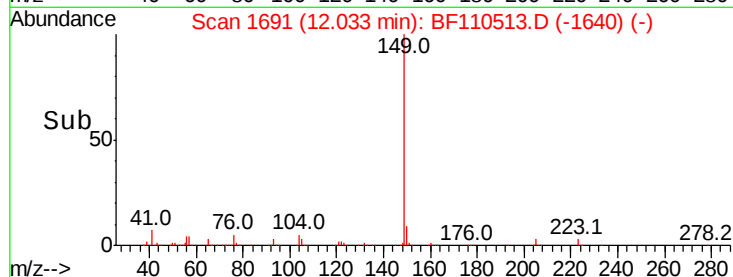
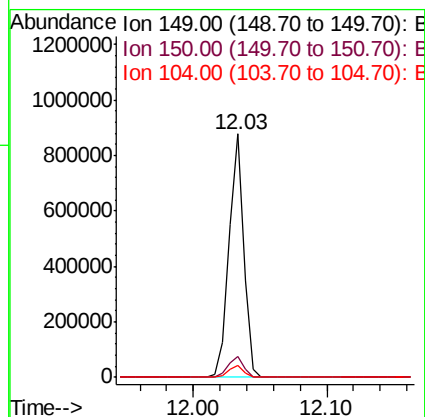
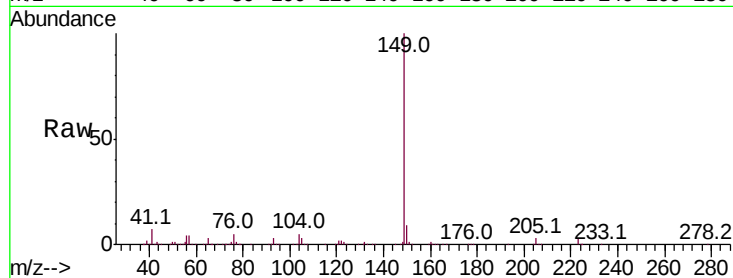
#74
Di-n-butylphthalate
Concen: 44.843 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampled :
SP-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	689292		
150	8.7		7.7	11.5
104	5.0		4.2	6.4

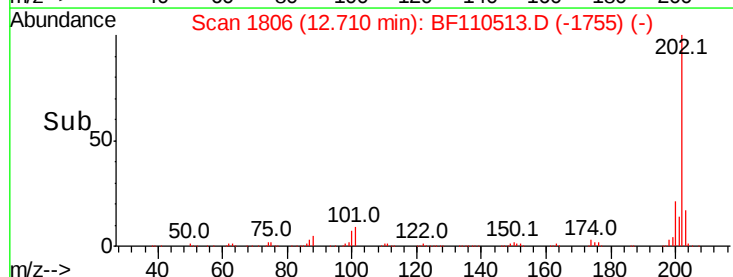
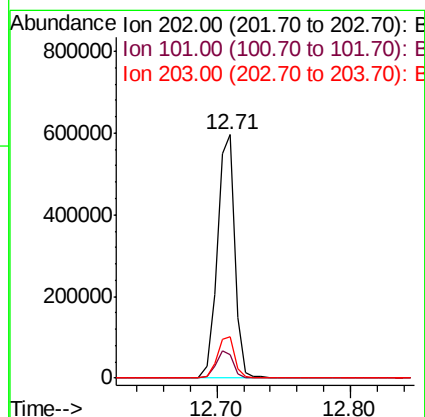
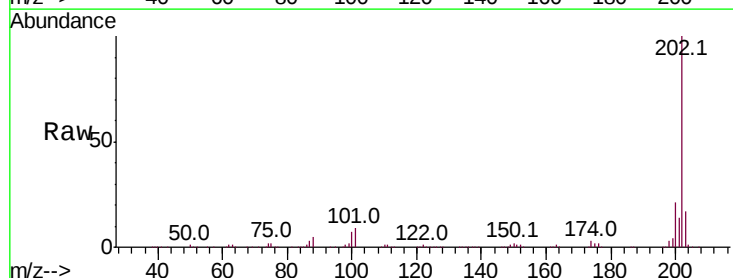
Manual Integrations
APPROVED

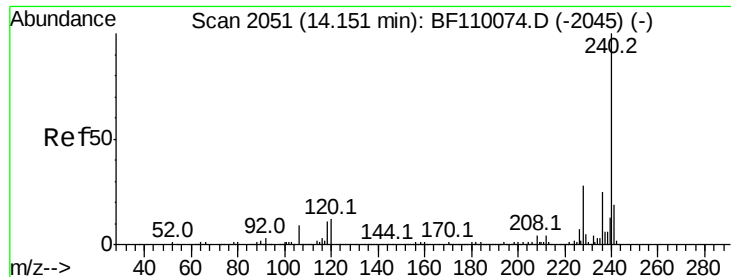
Sohil
11/7/2018 2:54:26 PM



#75
Fluoranthene
Concen: 39.069 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	551405		
101	9.4		0.0	31.4
203	17.3		0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

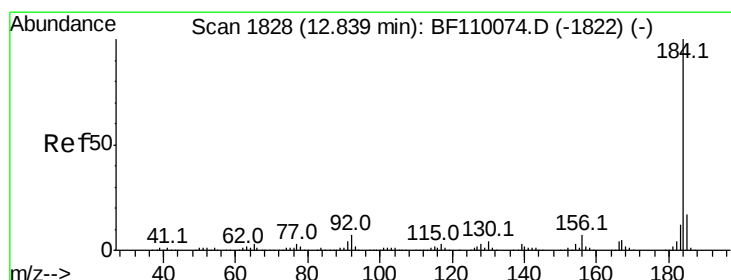
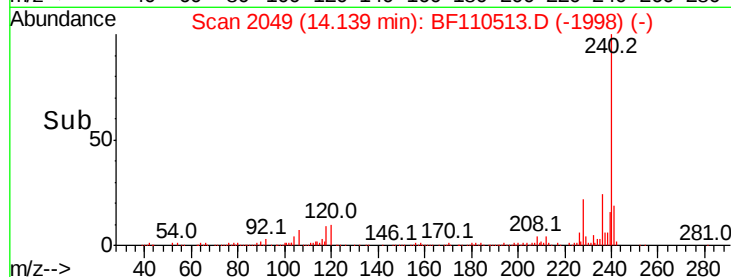
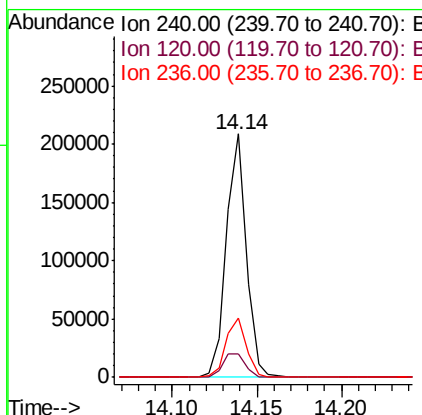
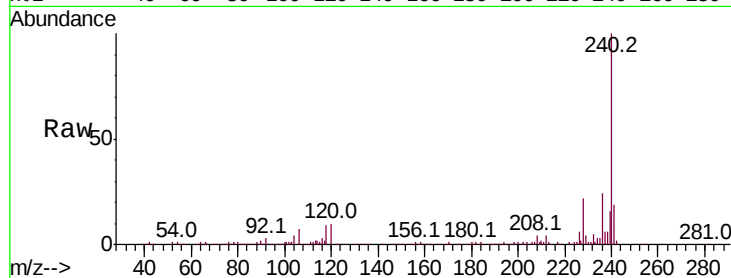
ClientSampleId :

SP-AMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	24.4	21.2	31.8

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



#77

Benzidine

Concen: Below Cal

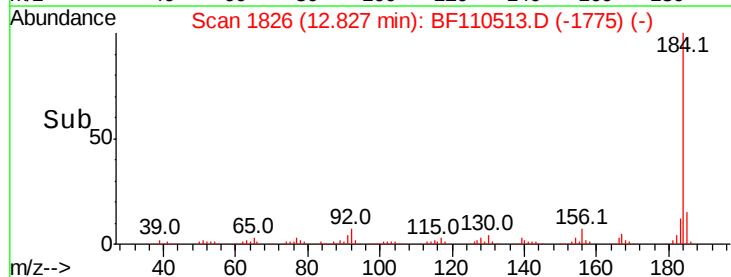
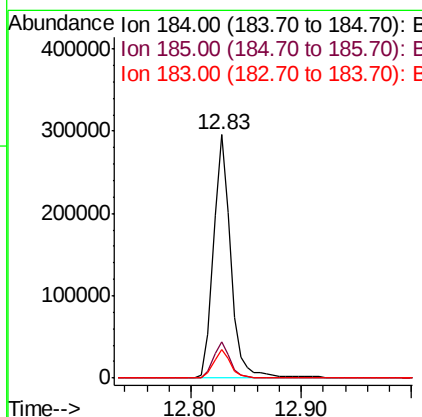
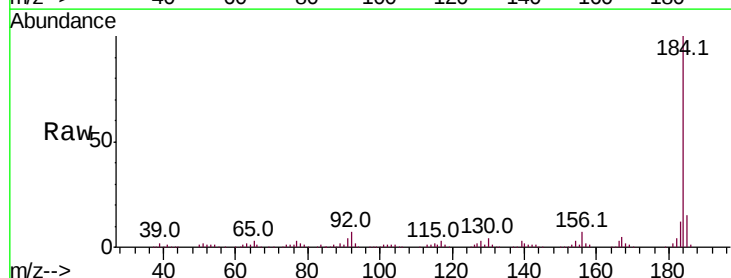
RT: 12.83 min Scan# 1826

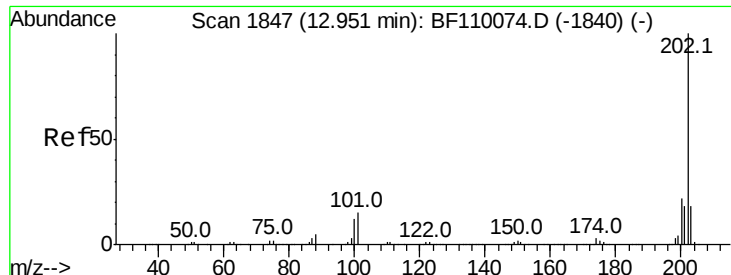
Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.2
183	11.7	9.4	14.2





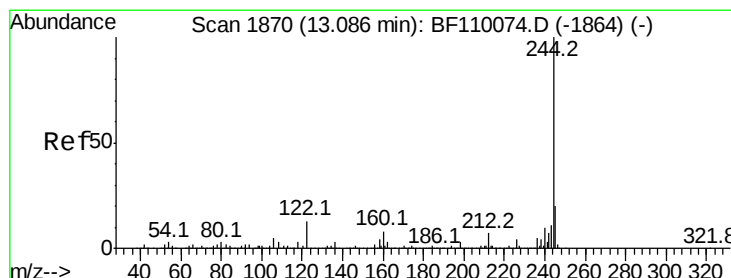
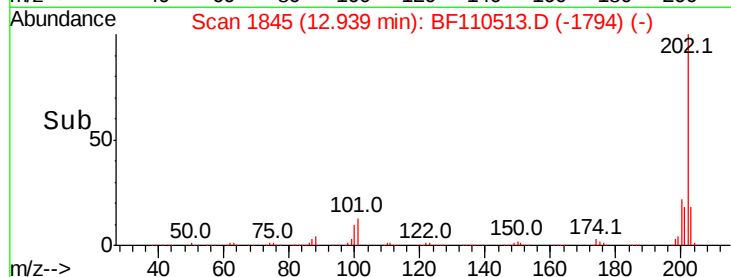
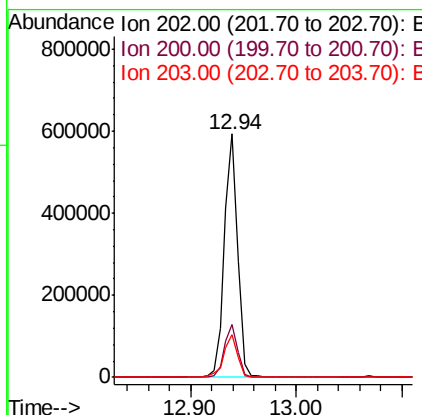
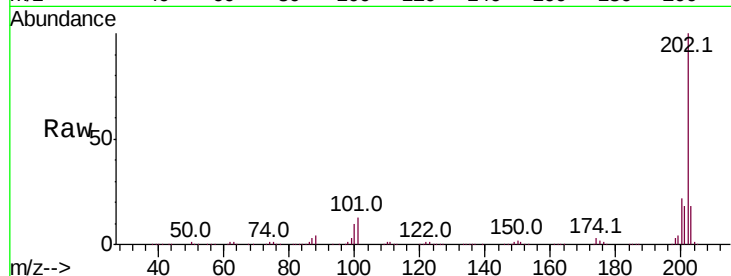
#78
Pvrene
Concen: 42.340 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	17.7	14.2	21.4

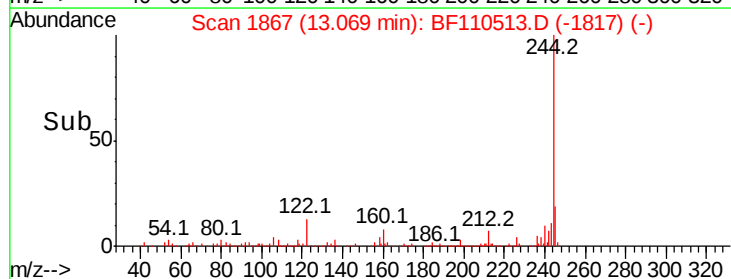
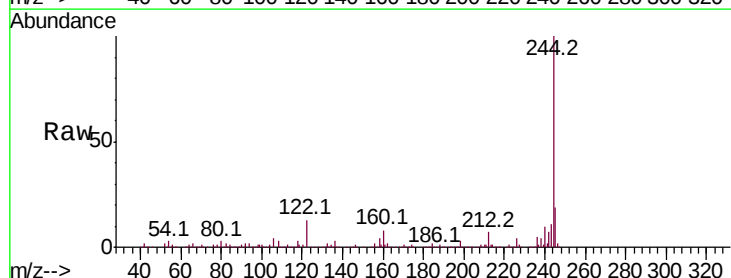
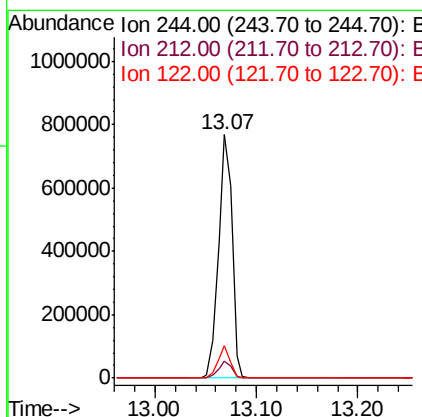
Manual Integrations
APPROVED

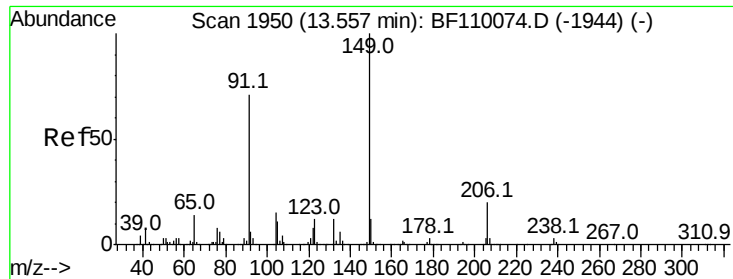
Sohil
11/7/2018 2:54:26 PM



#79
Terphenyl-d14
Concen: 86.674 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.1	8.7	13.1





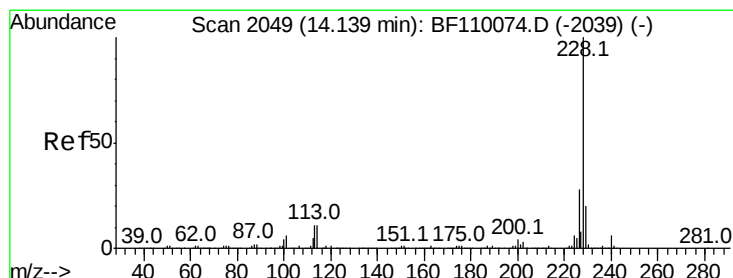
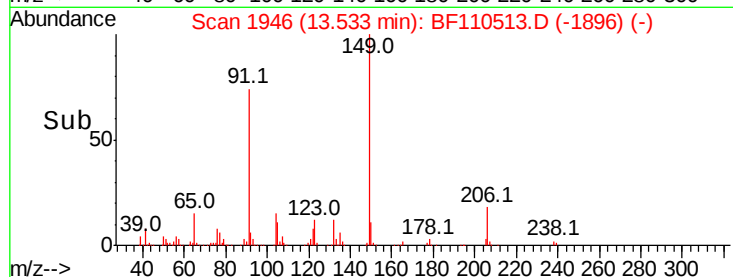
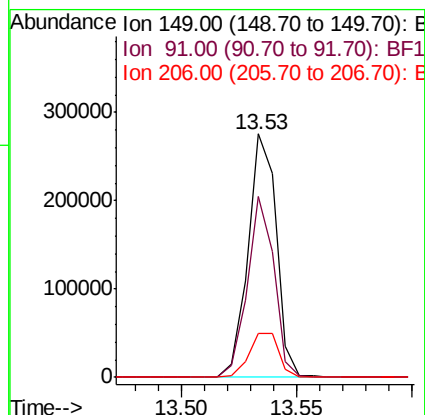
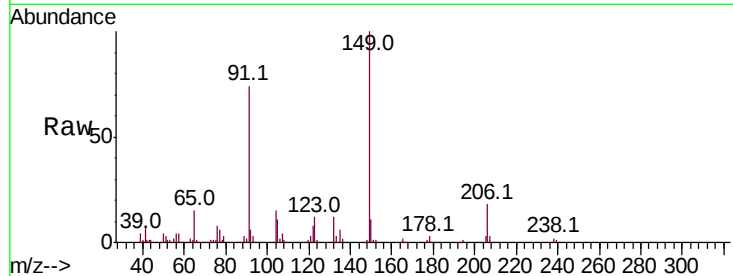
#80
Butylbenzylphthalate
Concen: 44.407 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	57.2	85.8
206	17.9	15.7	23.5

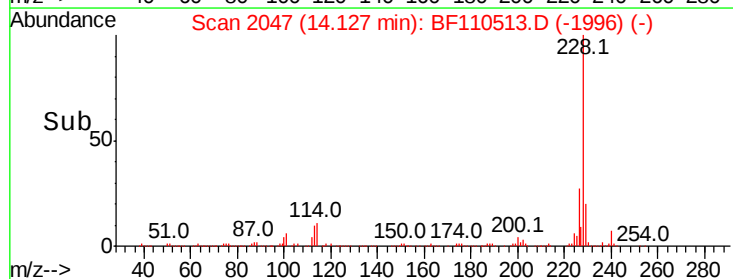
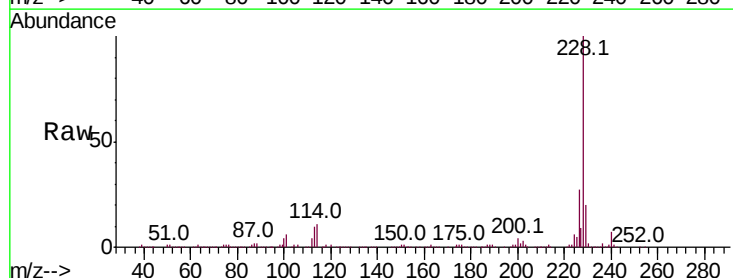
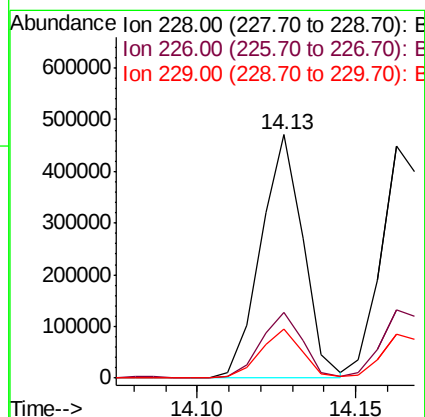
Manual Integrations
APPROVED

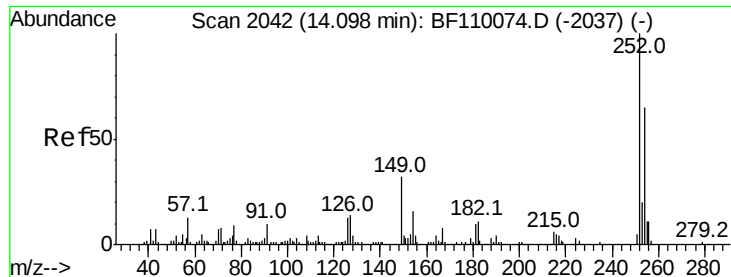
Sohil
11/7/2018 2:54:26 PM



#81
Benzo(a)anthracene
Concen: 42.679 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	20.0	15.6	23.4





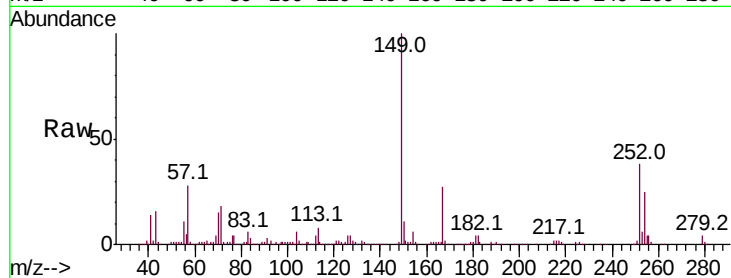
#82
3,3'-Dichlorobenzidine
Concen: 38.199 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

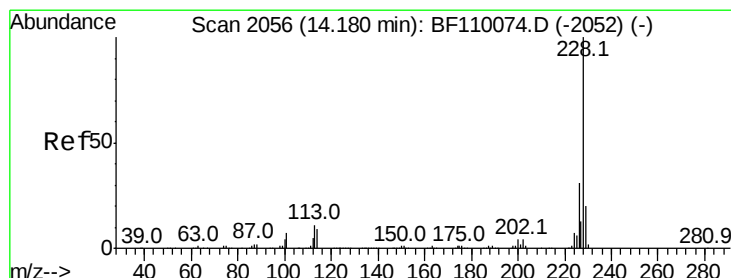
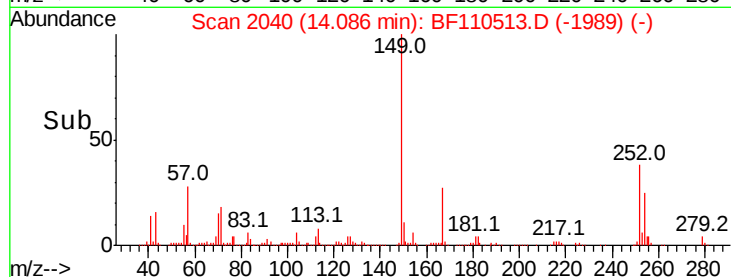
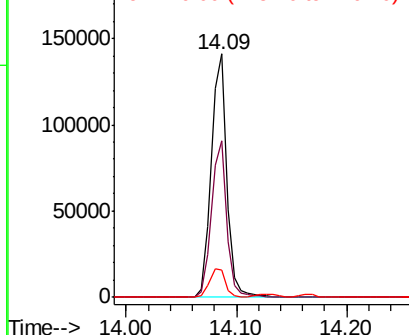
Tot Ion	Ratio	Resp	Lower	Upper
252	100	135548		
254	64.1	51.3	76.9	
126	11.3	9.4	14.2	

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM

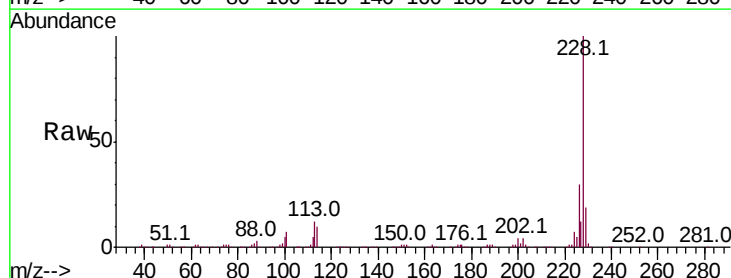


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

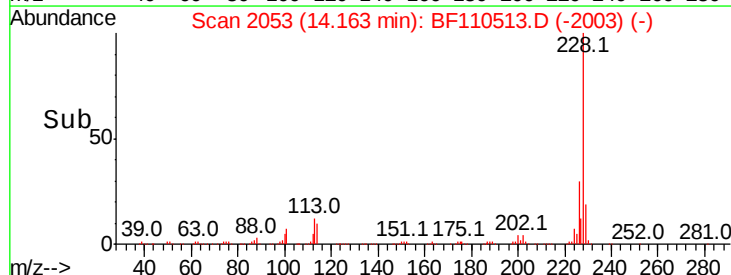
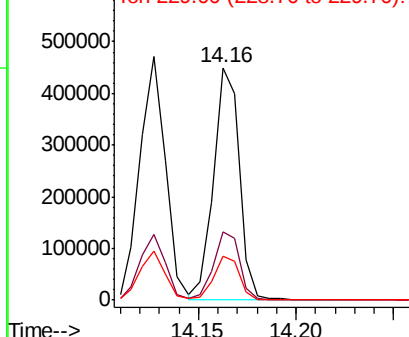


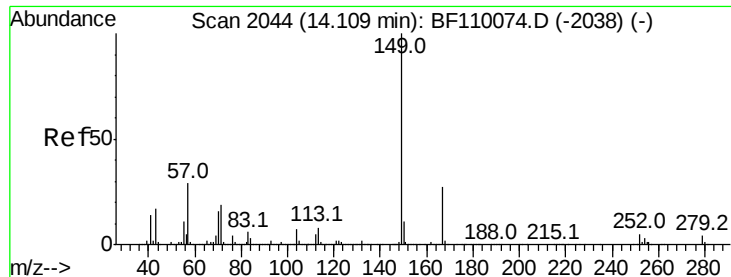
#83
Chrysene
Concen: 42.552 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	411859		
226	29.6	24.7	37.1	
229	18.9	15.9	23.9	



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 43.416 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110513.D

Acq: 6 Nov 2018 14:18

Instrument :

BNA_F

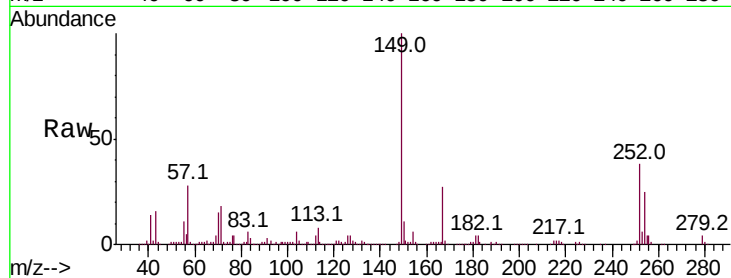
ClientSampleId :

SP-AMSD

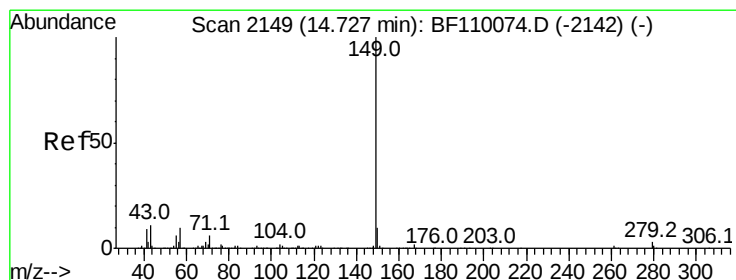
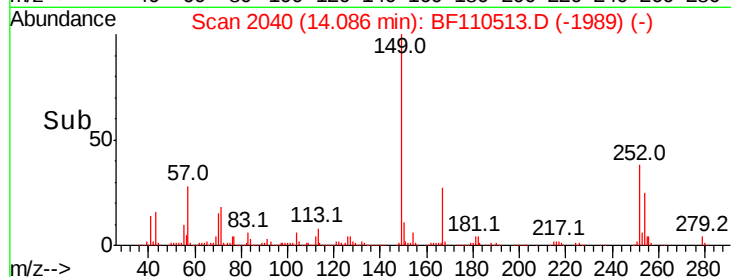
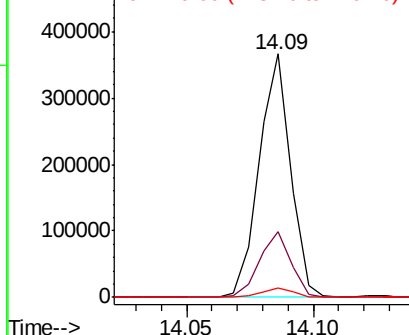
Tot Ion:	149	Resp:	313826
Ion Ratio	Lower	Upper	
149	100		
167	27.0	19.8	29.8
279	3.6	2.7	4.1

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 46.197 ng

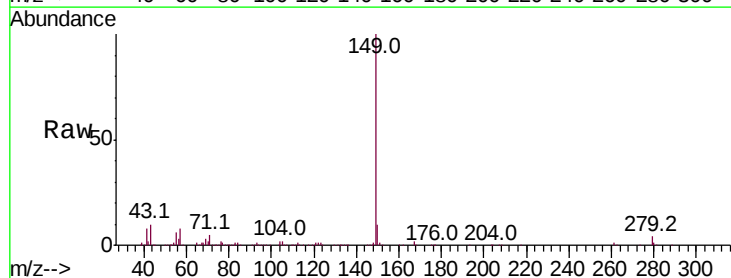
RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

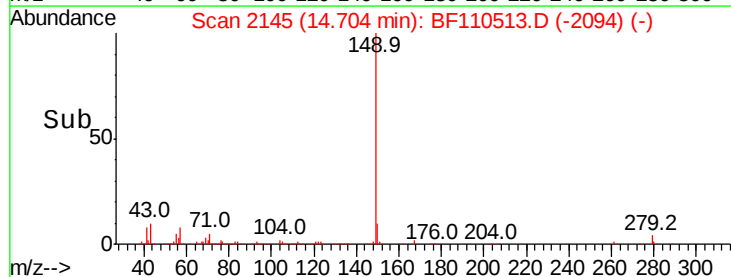
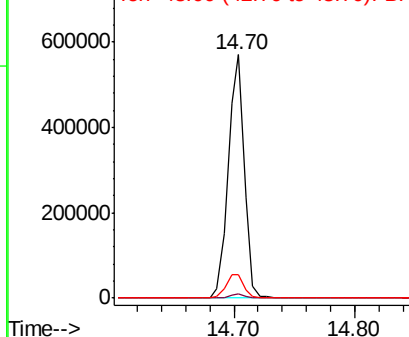
Lab File: BF110513.D

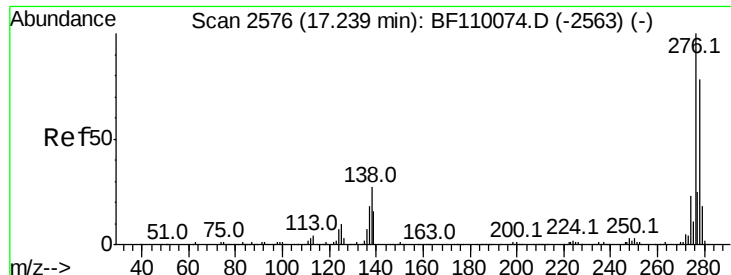
Acq: 6 Nov 2018 14:18

Tgt Ion:	149	Resp:	519233
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





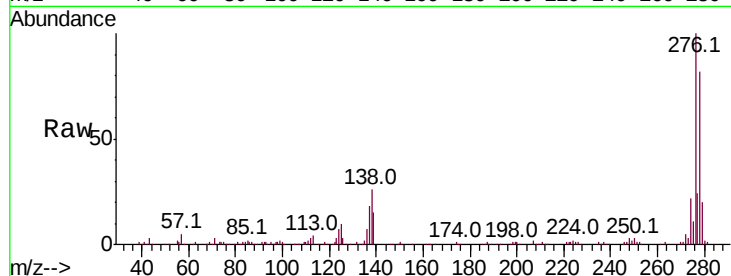
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.335 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.5	27.7
277	24.5	20.0	30.0

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:26 PM

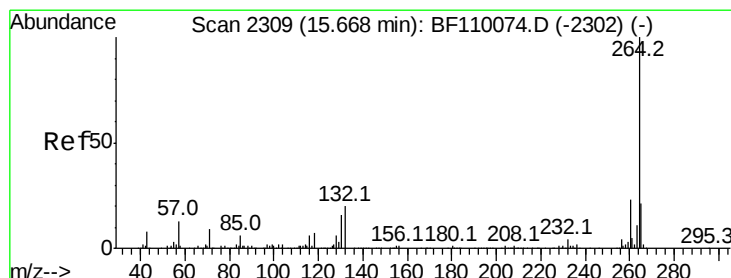
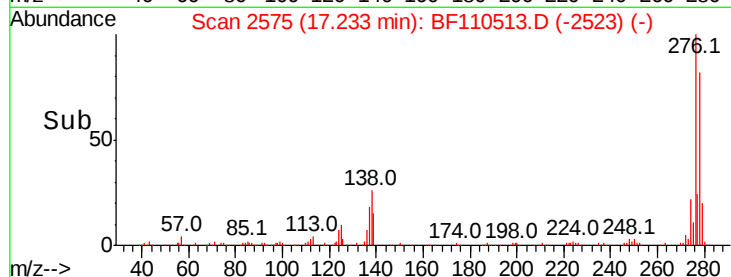
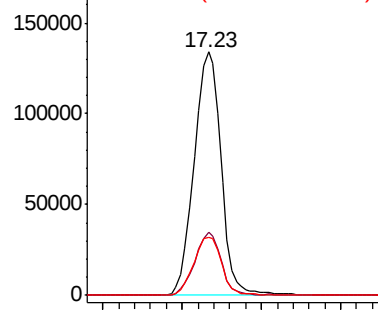


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

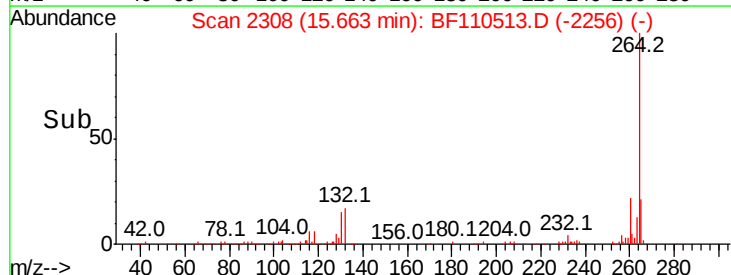
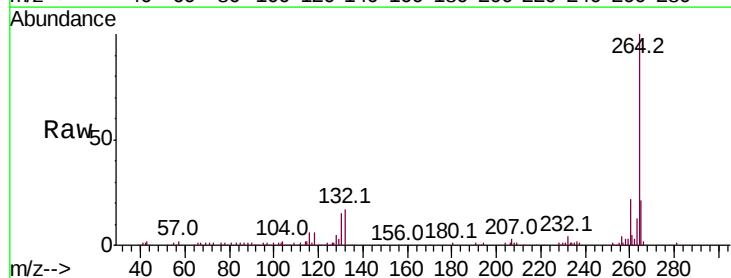
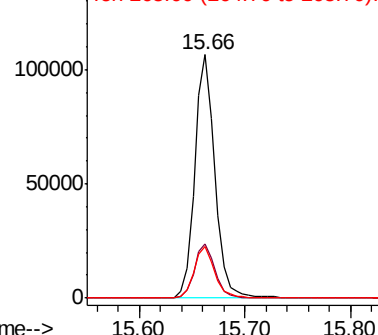
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	21.4	16.7	25.1

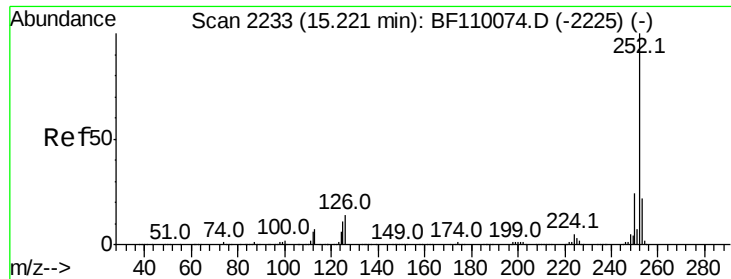
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





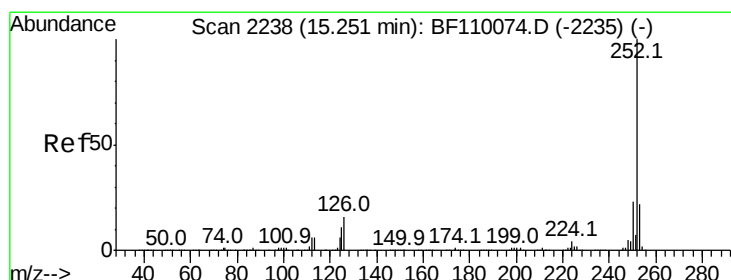
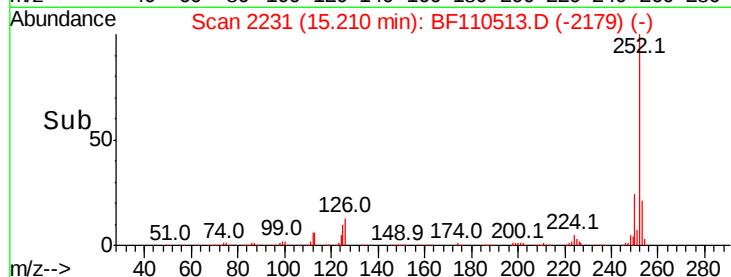
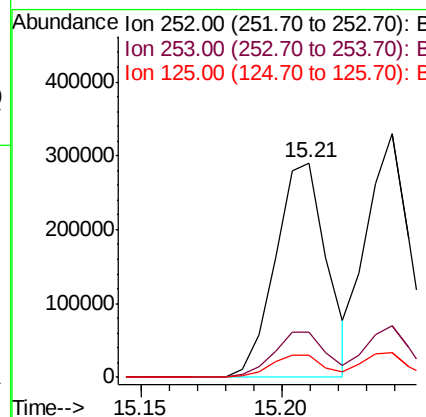
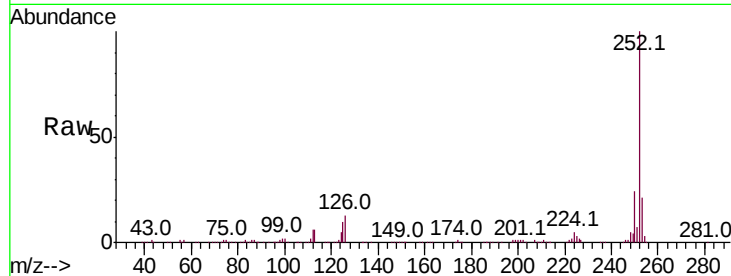
#88
Benzo(b)fluoranthene
Concen: 45.259 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	10.4	8.2	12.4

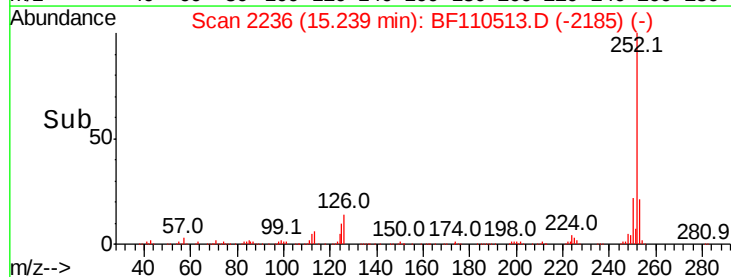
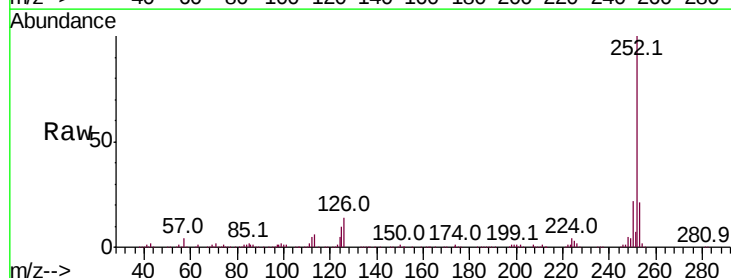
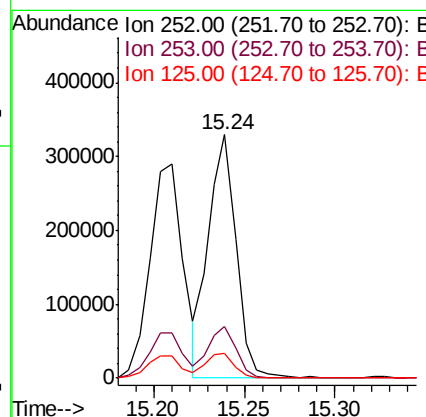
Manual Integrations
APPROVED

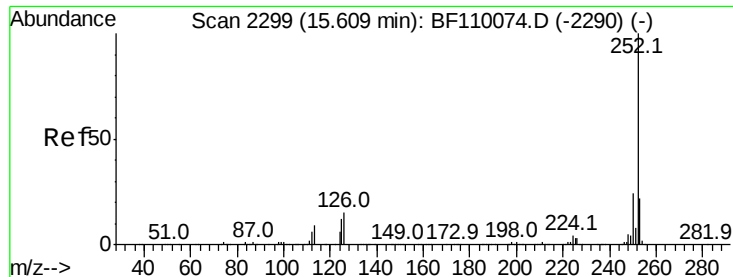
Sohil
11/7/2018 2:54:26 PM



#89
Benzo(k)fluoranthene
Concen: 43.630 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	9.9	7.4	11.0





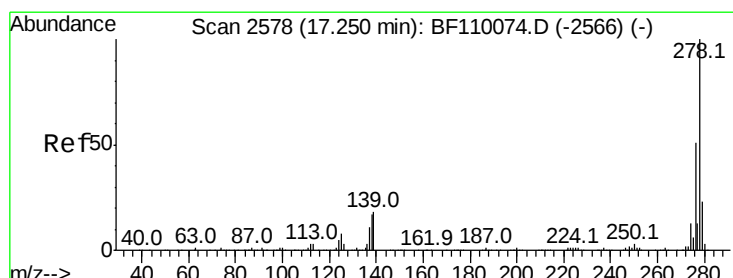
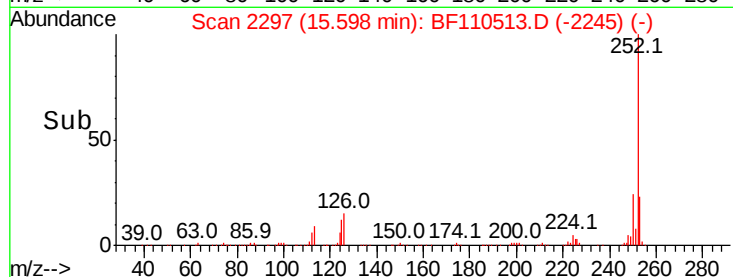
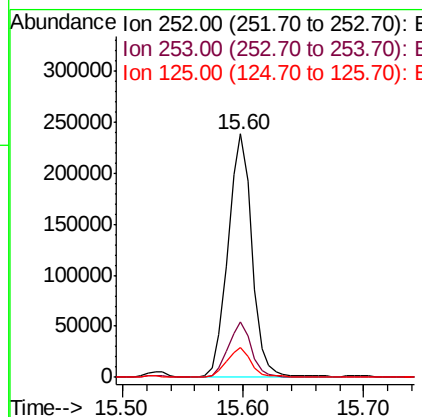
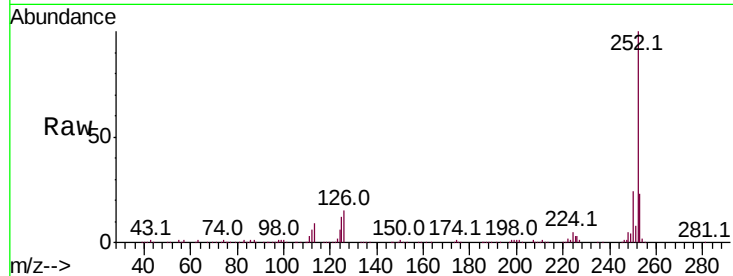
#90
Benzo(a)pyrene
Concen: 43.826 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Instrument :
BNA_F
ClientSampleId :
SP-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.1	9.0	13.6

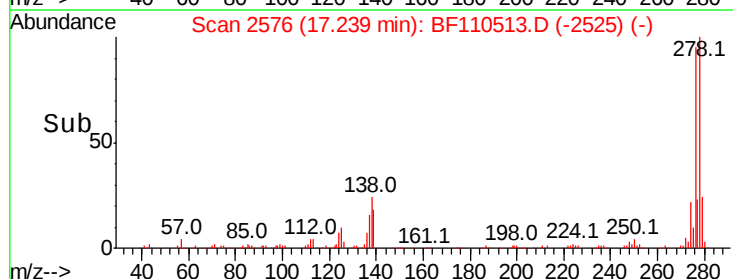
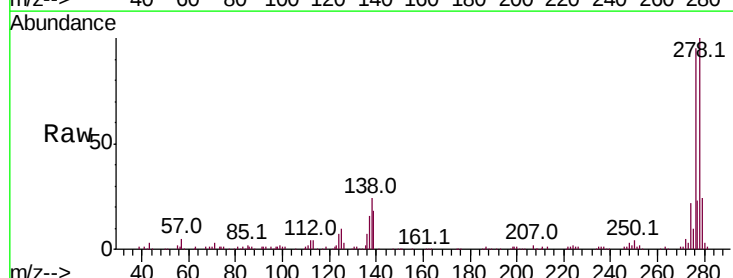
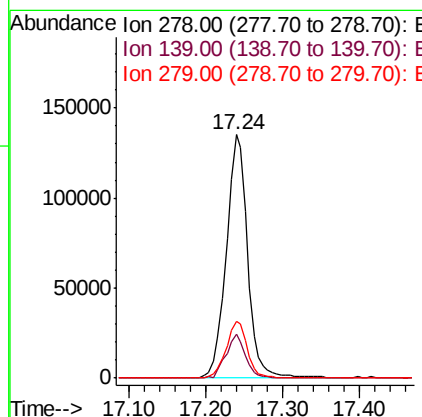
Manual Integrations
APPROVED

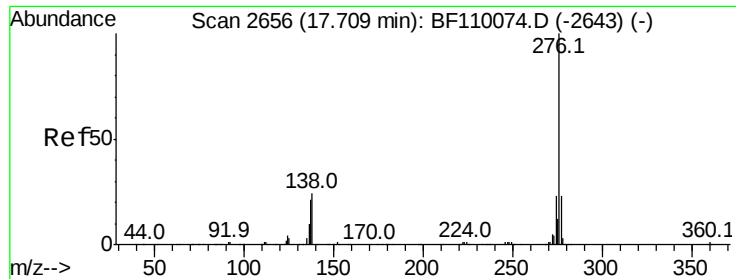
Sohil
11/7/2018 2:54:26 PM



#91
Dibenzo(a,h)anthracene
Concen: 40.366 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110513.D
Acq: 6 Nov 2018 14:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.7	19.1
279	23.5	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 39.196 ng
 RT: 17.71 min Scan# 2656
 Delta R.T. 0.01 min
 Lab File: BF110513.D
 Acq: 6 Nov 2018 14:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMSD

Tot Ion:	276	Resp:	249179
Ion Ratio		Lower	Upper
276	100		
277	22.4	18.8	28.2
138	20.1	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:26 PM

