

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113982.D
 Acq On : 25 Apr 2019 17:24
 Operator : JU/SJ
 Sample : K2553-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

Manual Integrations
 APPROVED

Sohil
 4/29/2019 5:49:50 AM

Quant Time: Apr 26 05:04:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	105429	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	398640	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	215903	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	455951	20.00	ng	0.00
76) Chrysene-d12	14.07	240	409843	20.00	ng	0.00
87) Perylene-d12	15.56	264	437188	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	796395	129.20	ng	0.00
7) Phenol-d6	6.53	99	1047793	135.48	ng	0.00
23) Nitrobenzene-d5	7.46	82	627823	97.24	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	362633	137.88	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1229693	89.08	ng	0.00
79) Terphenyl-d14	13.00	244	1617560	80.91	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.69	88	108209	37.240	ng	96
3) Pyridine	3.45	79	275337	34.715	ng	97
4) n-Nitrosodimethylamine	3.39	42	109590	40.364	ng	90
6) Aniline	6.56	93	312502	29.427	ng	100
8) 2-Chlorophenol	6.69	128	310289	44.090	ng	95
9) Benzaldehyde	6.44	77	79004	13.529	ng	93
10) Phenol	6.54	94	399130	43.160	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	301974	43.393	ng	97
12) 1,3-Dichlorobenzene	6.84	146	345410	43.336	ng	99
13) 1,4-Dichlorobenzene	6.92	146	346867	43.267	ng	100
14) 1,2-Dichlorobenzene	7.07	146	330011	44.791	ng	98
15) Benzyl Alcohol	7.03	79	249924	47.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	338974	41.728	ng	91
17) 2-Methylphenol	7.15	107	279025	45.231	ng	98
18) Hexachloroethane	7.41	117	118591	42.199	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	217194	43.367	ng	96
20) 3+4-Methylphenols	7.30	107	324886	46.614	ng	# 79
22) Acetophenone	7.30	105	431439	48.634	ng	97
24) Nitrobenzene	7.47	77	341340	47.847	ng	98
25) Isophorone	7.72	82	603150	45.656	ng	100
26) 2-Nitrophenol	7.79	139	168896	51.895	ng	96
27) 2,4-Dimethylphenol	7.83	122	273550	51.588	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	382046	45.384	ng	99
29) 2,4-Dichlorophenol	8.03	162	293346	48.378	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	313091	46.308	ng	98
31) Naphthalene	8.20	128	907299	47.910	ng	99
32) Benzoic acid	7.94	122	142673m	39.843	ng	
33) 4-Chloroaniline	8.24	127	167859	20.948	ng	99
34) Hexachlorobutadiene	8.32	225	188054	44.618	ng	99
35) Caprolactam	8.61	113	90107m	46.714	ng	
36) 4-Chloro-3-methylphenol	8.73	107	292536	48.696	ng	98
37) 2-Methylnaphthalene	8.89	142	624310	48.887	ng	98
38) 1-Methylnaphthalene	8.99	142	587734	47.684	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	317905	45.329	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113982.D
 Acq On : 25 Apr 2019 17:24
 Operator : JU/SJ
 Sample : K2553-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

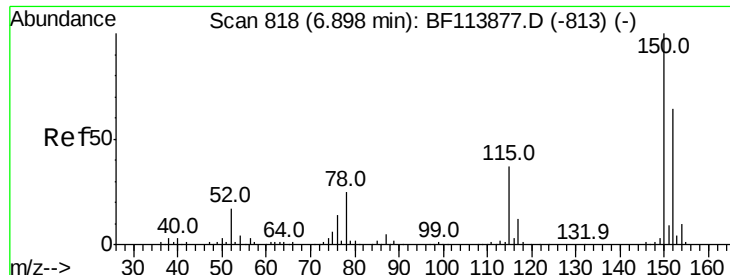
Manual Integrations
 APPROVED

Sohil
 4/29/2019 5:49:50 AM

Quant Time: Apr 26 05:04:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	365818	93.539	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	221136	49.656	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	247101	49.469	nq	100
46) 1,1'-Biphenyl	9.36	154	786163	47.665	nq	98
47) 2-Chloronaphthalene	9.38	162	628394	46.851	nq	98
48) 2-Nitroaniline	9.47	65	183319	52.137	nq	94
49) Acenaphthylene	9.80	152	982065	46.770	nq	98
50) Dimethylphthalate	9.65	163	935119	59.888	nq	100
51) 2,6-Dinitrotoluene	9.71	165	175129	52.279	nq	92
52) Acenaphthene	9.97	154	647582	52.185	nq	96
53) 3-Nitroaniline	9.88	138	113673	32.292	nq	92
54) 2,4-Dinitrophenol	9.99	184	161023	107.867	nq	# 1
55) Dibenzofuran	10.14	168	905771	48.728	nq	98
56) 4-Nitrophenol	10.05	139	292395	104.908	nq	99
57) 2,4-Dinitrotoluene	10.12	165	235194	55.624	nq	96
58) Fluorene	10.49	166	691687	49.425	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	229471	52.276	nq	98
60) Diethylphthalate	10.35	149	727837	49.086	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	358009	48.304	nq	98
62) 4-Nitroaniline	10.49	138	180794	52.630	nq	100
63) Azobenzene	10.63	77	672558	46.800	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	107807	51.040	nq	98
66) n-Nitrosodiphenylamine	10.59	169	623539	45.577	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	236685	42.971	nq	97
68) Hexachlorobenzene	11.03	284	264383	43.679	nq	98
69) Atrazine	11.12	200	221638	49.801	nq	99
70) Pentachlorophenol	11.23	266	319142	93.125	nq	97
71) Phenanthrene	11.45	178	1171443	51.123	nq	99
72) Anthracene	11.50	178	1112278	48.068	nq	100
73) Carbazole	11.65	167	1034070	50.091	nq	100
74) Di-n-butylphthalate	11.97	149	1168077	48.101	nq	99
75) Fluoranthene	12.63	202	1308253	52.330	nq	99
77) Benzidine	12.74	184	455354	37.289	nq	97
78) Pyrene	12.86	202	1307152	45.607	nq	99
80) Butylbenzylphthalate	13.47	149	536717	47.596	nq	97
81) Benzo(a)anthracene	14.06	228	1186523	49.137	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	316298	35.737	nq	98
83) Chrysene	14.09	228	1183050	50.306	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	734316	51.181	nq	98
85) Di-n-octyl phthalate	14.67	149	1280048	57.000	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1162100	52.168	nq	98
88) Benzo(b)fluoranthene	15.13	252	1268019	45.842	nq	99
89) Benzo(k)fluoranthene	15.16	252	1151542	48.398	nq	100
90) Benzo(a)pyrene	15.50	252	1162505	48.589	nq	100
91) Dibenzo(a,h)anthracene	17.09	278	974091	43.372	nq	99
92) Benzo(g,h,i)perylene	17.52	276	945828	41.731	nq	99

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



#1

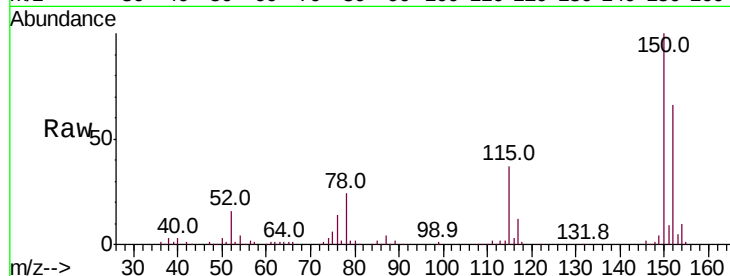
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.9	188.9
115	56.6	45.9	68.9

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

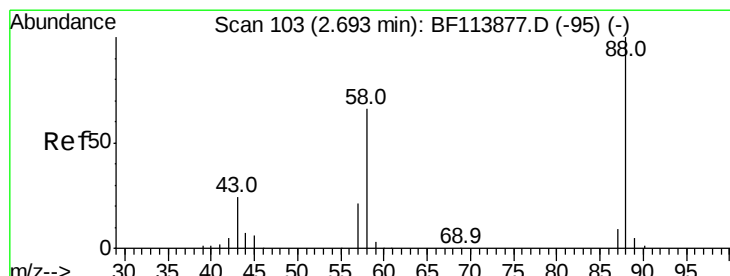
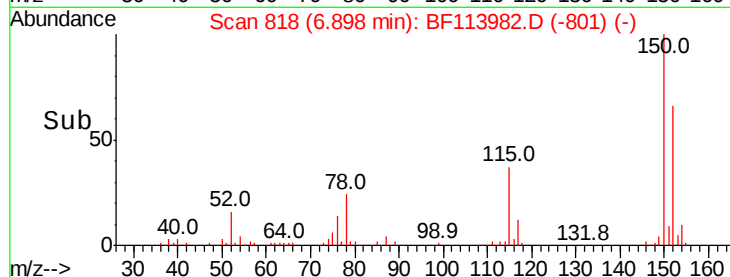
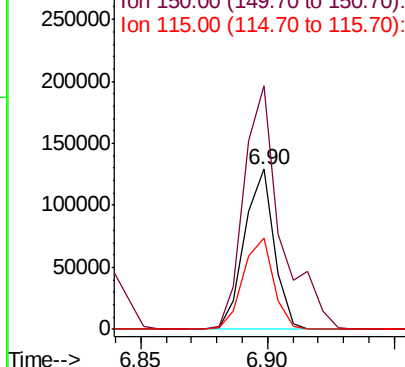


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

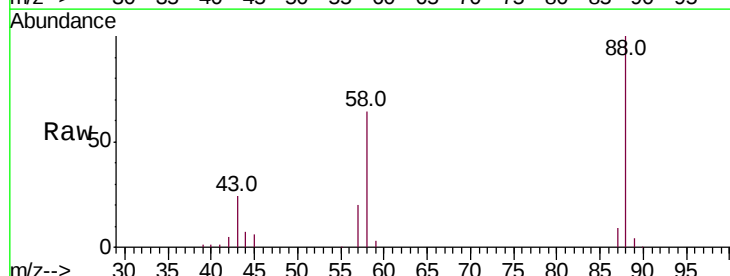
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.240 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	53.3	79.9
43	24.5	19.0	28.4

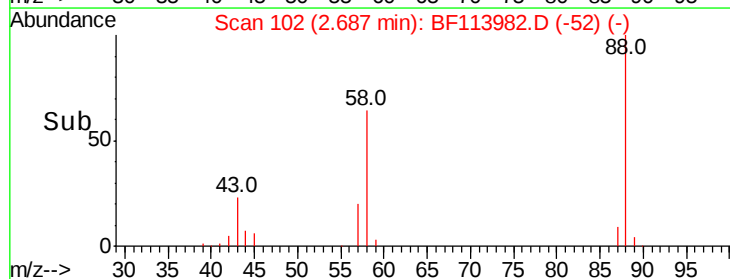
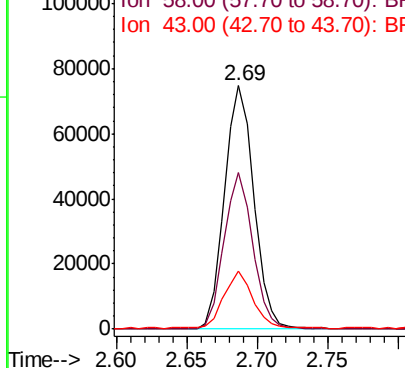


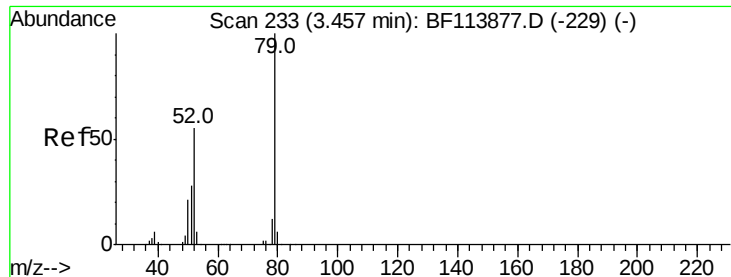
Abundance

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: 34.715 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

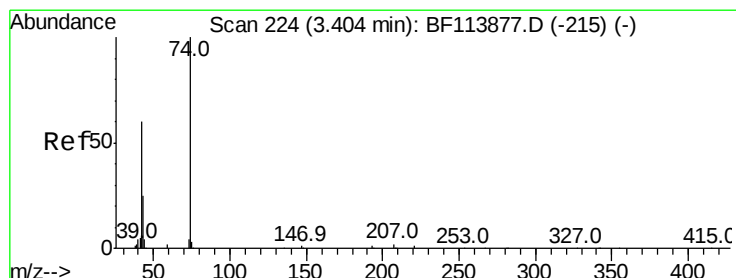
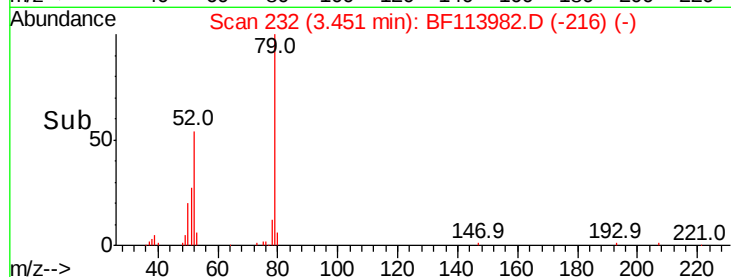
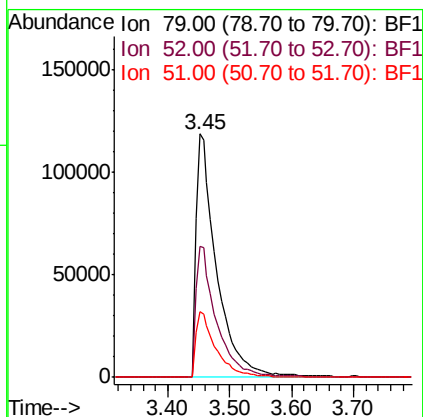
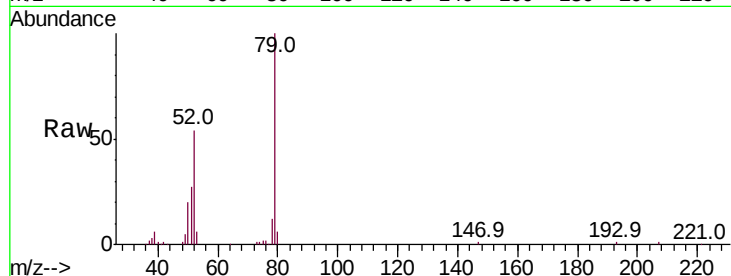
ClientSampleId :

RBR200051MSD

Tot Ion:	79	Resp:	275337
Ion Ratio	Lower	Upper	
79	100		
52	53.6	45.3	67.9
51	27.0	22.1	33.1

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#4

n-Nitrosodimethylamine

Concen: 40.364 ng

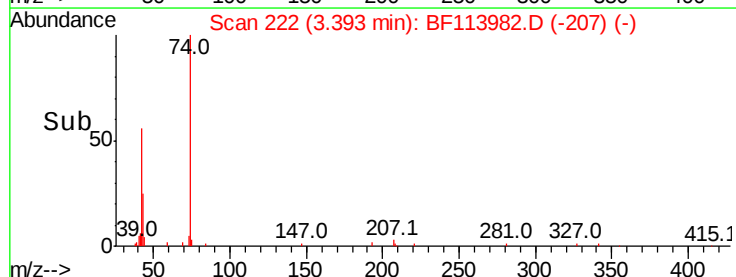
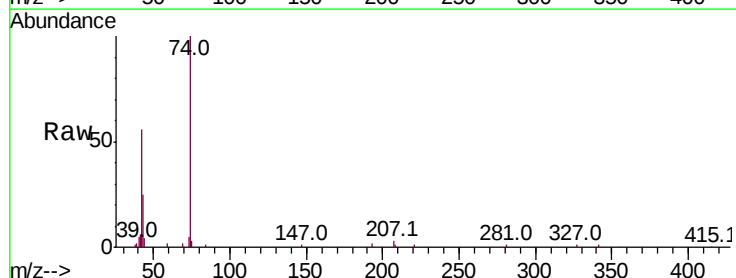
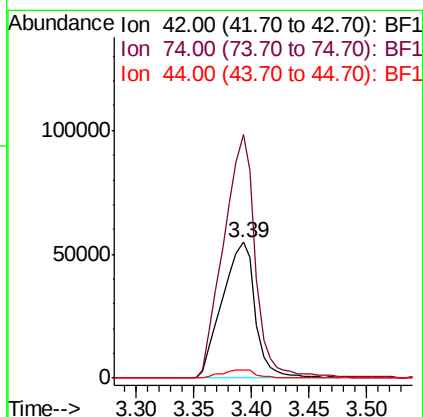
RT: 3.39 min Scan# 222

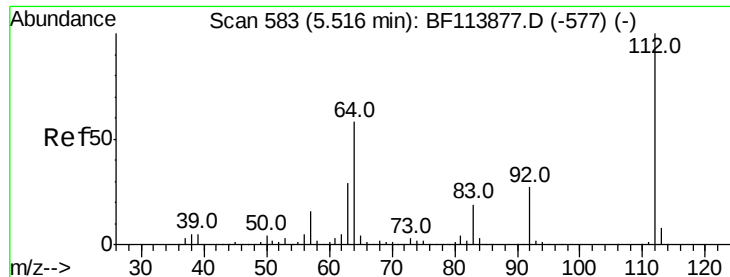
Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	42	Resp:	109590
Ion Ratio	Lower	Upper	
42	100		
74	178.9	132.6	198.8
44	6.3	5.8	8.8





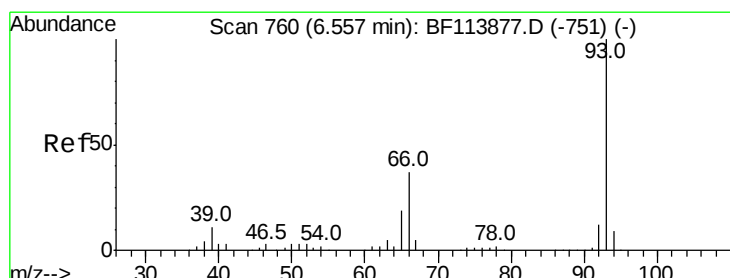
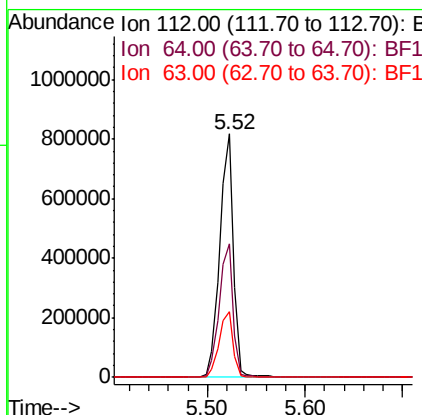
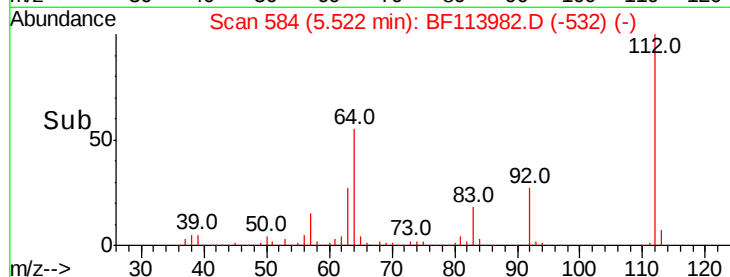
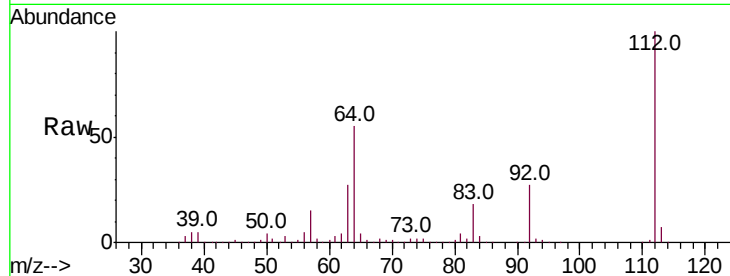
#5
 2-Fluorophenol
 Concen: 129.198 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleID :
 RBR200051MSD

Tot Ion:	112	Resp:	796395
Ion Ratio	Lower	Upper	
112	100		
64	55.0	46.6	69.8
63	27.1	23.1	34.7

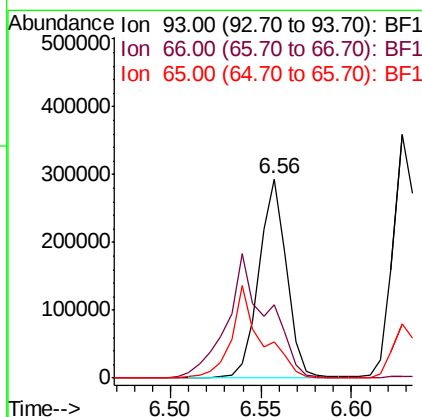
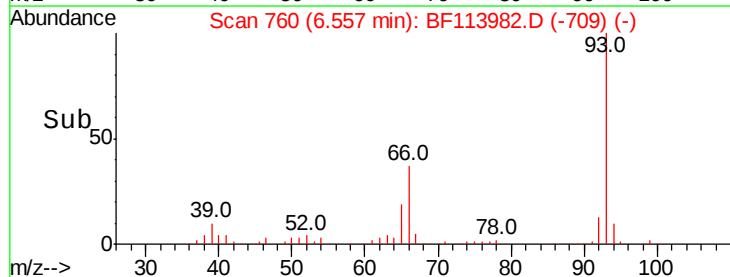
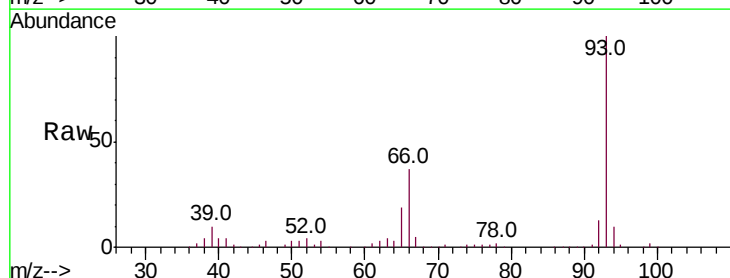
Manual Integrations
 APPROVED

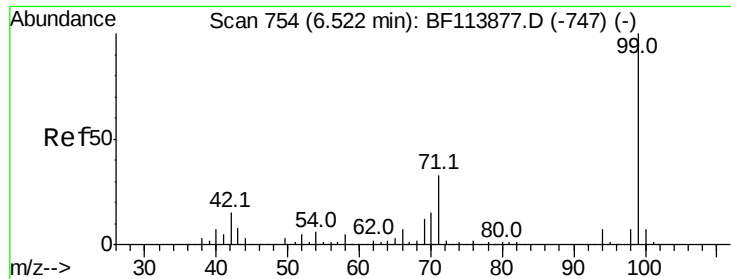
Sohil
 4/29/2019 5:49:50 AM



#6
 Aniline
 Concen: 29.427 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion:	93	Resp:	312502
Ion Ratio	Lower	Upper	
93	100		
66	37.1	29.8	44.6
65	18.5	14.9	22.3





#7

Phenol-d6

Concen: 135.485 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

RBR200051MSD

Tot Ion: 99 Resp: 1047793

Ion Ratio Lower Upper

99 100

42 15.2 12.5 18.7

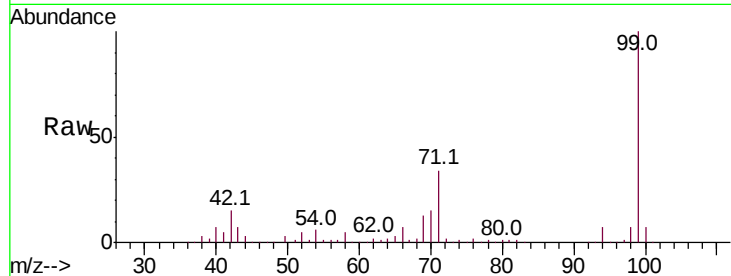
71 34.0 26.9 40.3

Manual Integrations

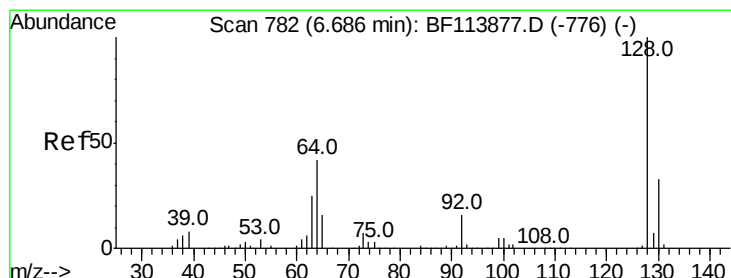
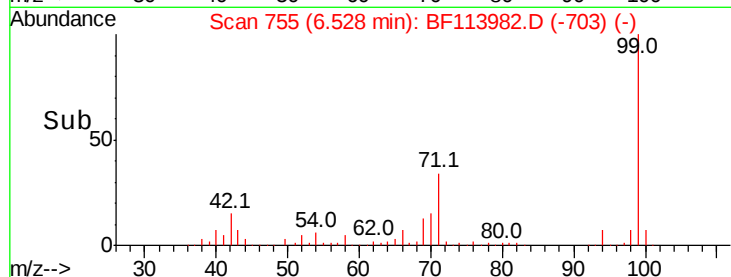
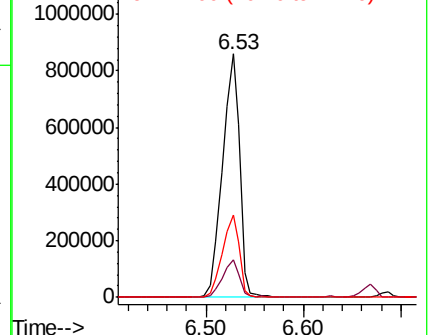
APPROVED

Sohil

4/29/2019 5:49:50 AM



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



#8

2-Chlorophenol

Concen: 44.090 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

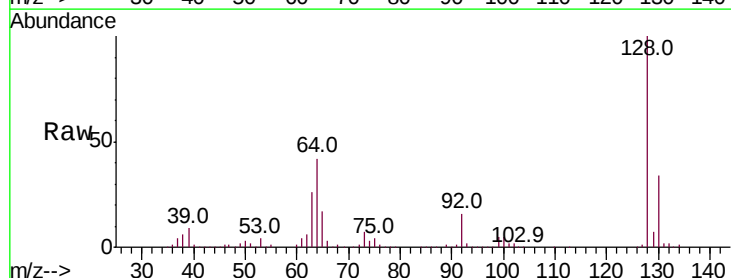
Tgt Ion:128 Resp: 310289

Ion Ratio Lower Upper

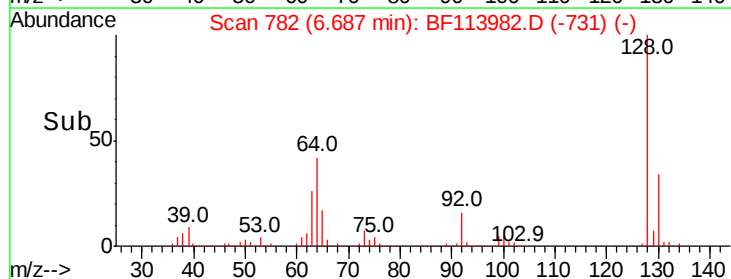
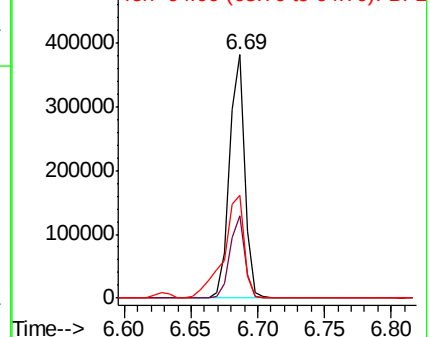
128 100

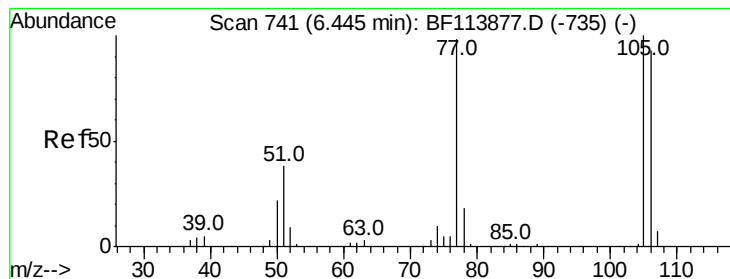
130 33.7 12.3 52.3

64 42.0 26.1 66.1



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





#9

Benzaldehyde

Concen: 13.529 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

RBR200051MSD

Tot Ion: 77 Resp: 79004

Ion Ratio Lower Upper

77 100

105 101.7 74.1 114.1

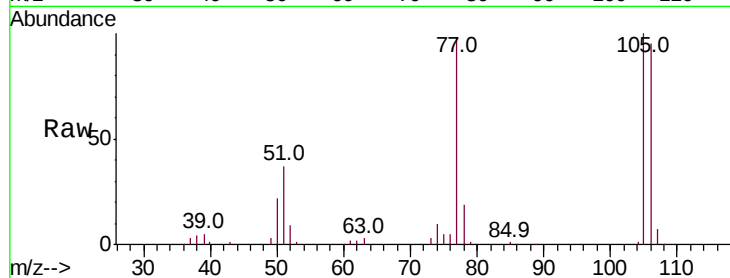
106 96.5 70.3 110.3

Manual Integrations

APPROVED

Sohil

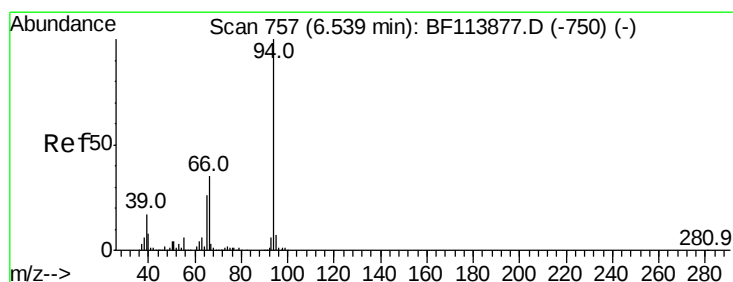
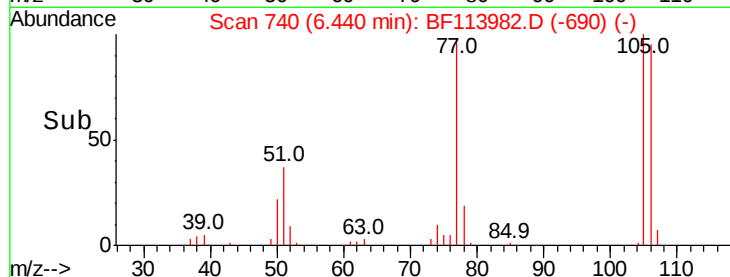
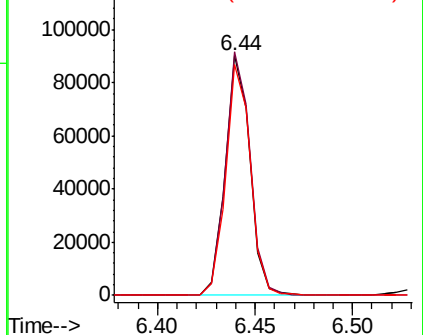
4/29/2019 5:49:50 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.160 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

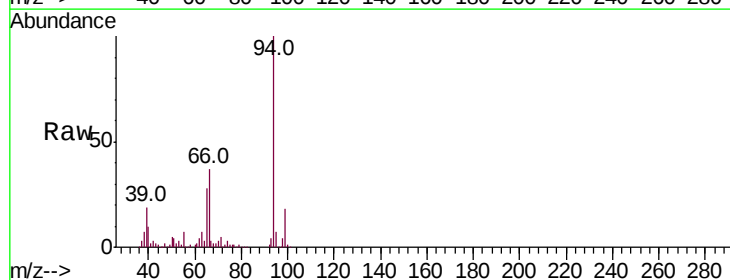
Tgt Ion: 94 Resp: 399130

Ion Ratio Lower Upper

94 100

65 27.6 8.1 48.1

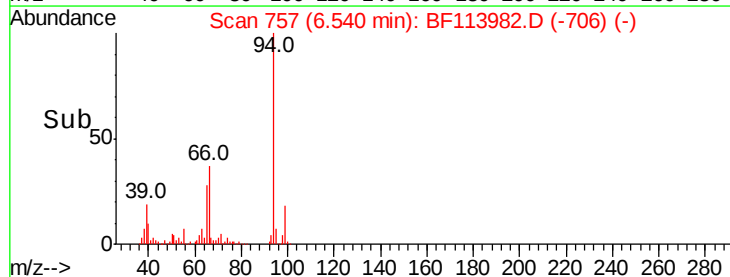
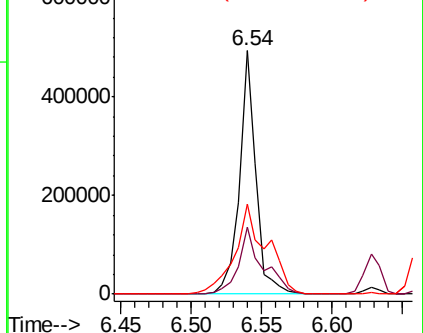
66 37.1 16.6 56.6

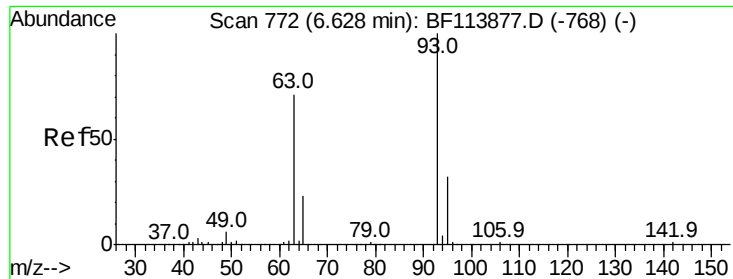


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





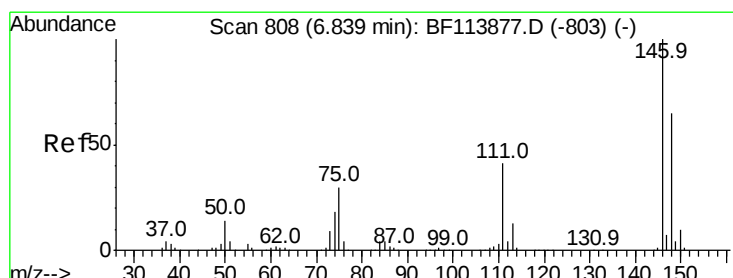
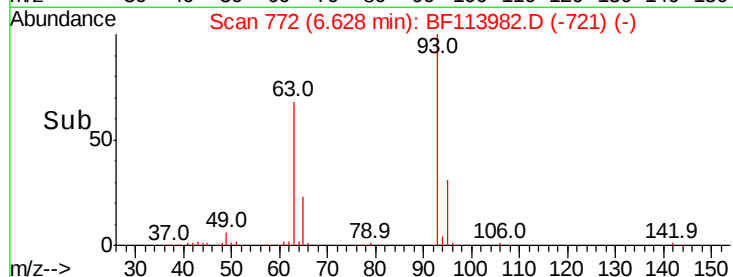
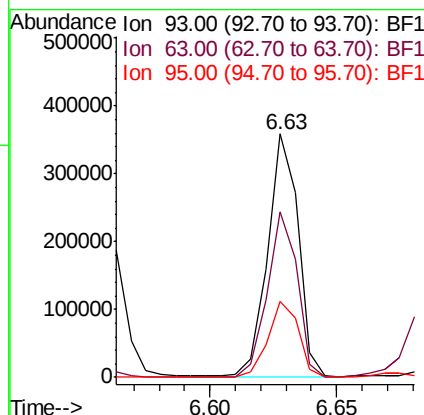
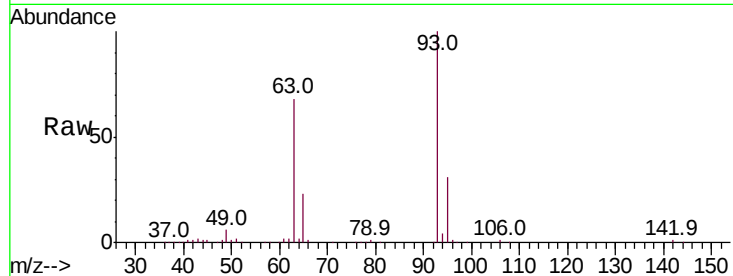
#11
bis(2-Chloroethyl)ether
Concen: 43.393 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	50.7	90.7
95	31.1	12.3	52.3

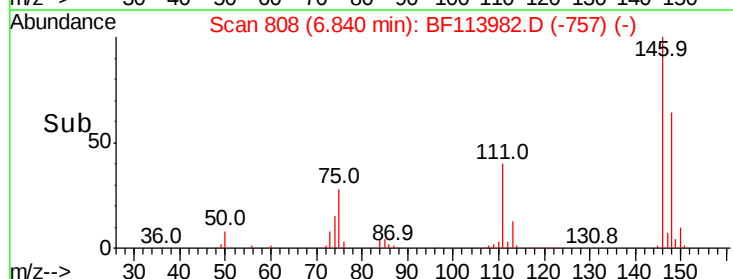
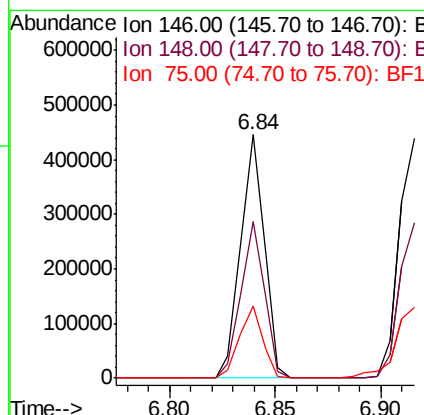
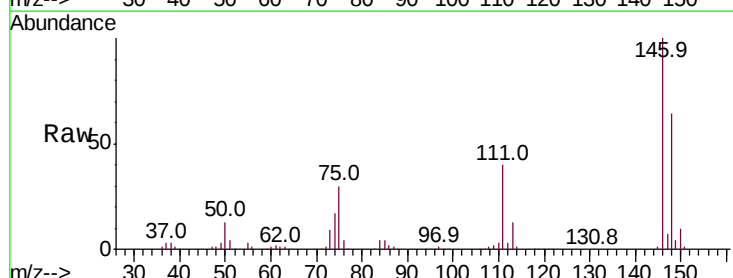
Manual Integrations
APPROVED

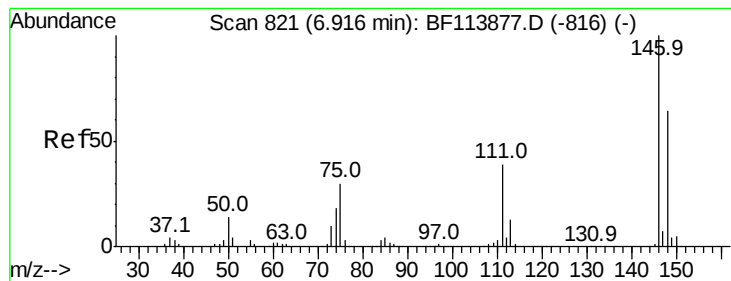
Sohil
4/29/2019 5:49:50 AM



#12
1,3-Dichlorobenzene
Concen: 43.336 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
75	29.5	23.8	35.8





#13

1,4-Dichlorobenzene

Concen: 43.267 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

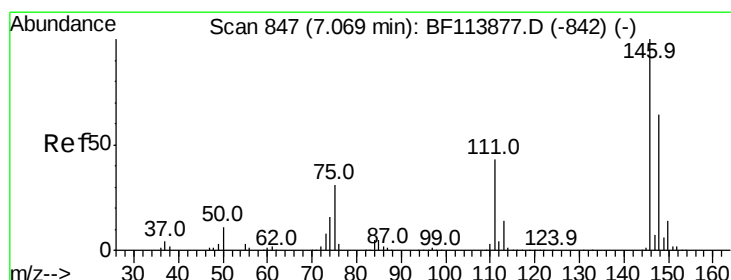
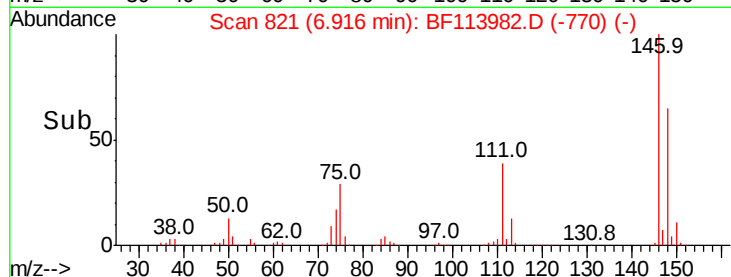
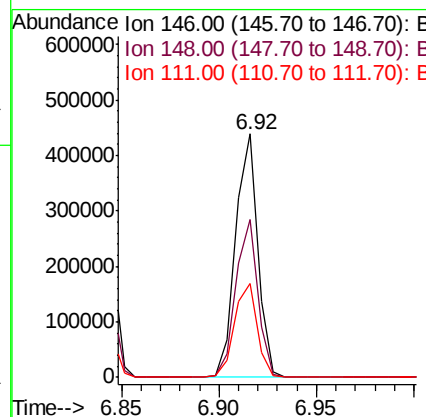
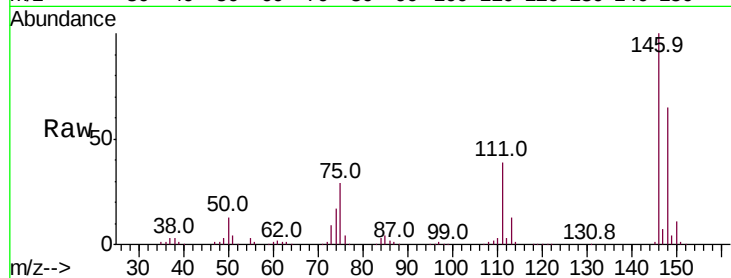
ClientSampleId :

RBR200051MSD

Tot Ion:	146	Resp:	346867
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.8
111	38.8	30.9	46.3

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#14

1,2-Dichlorobenzene

Concen: 44.791 ng

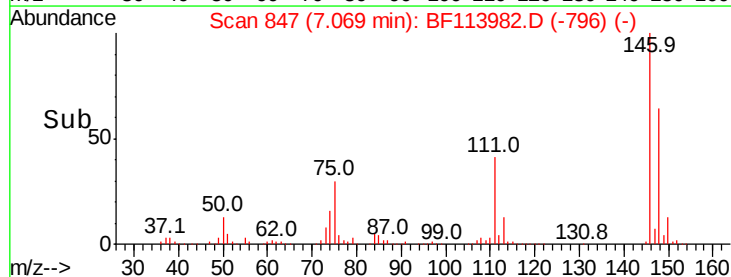
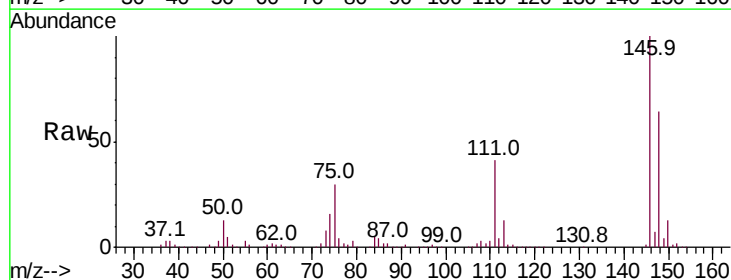
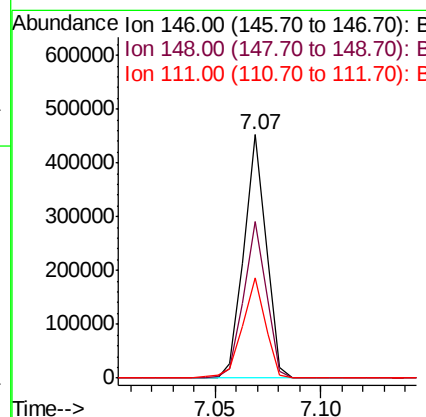
RT: 7.07 min Scan# 847

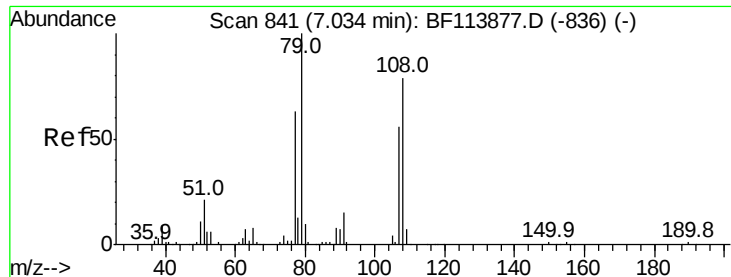
Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	146	Resp:	330011
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.1	78.1
111	40.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 47.983 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

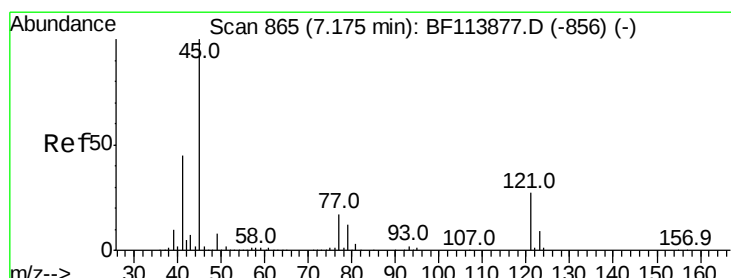
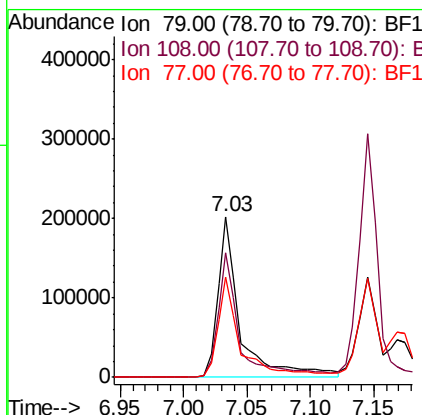
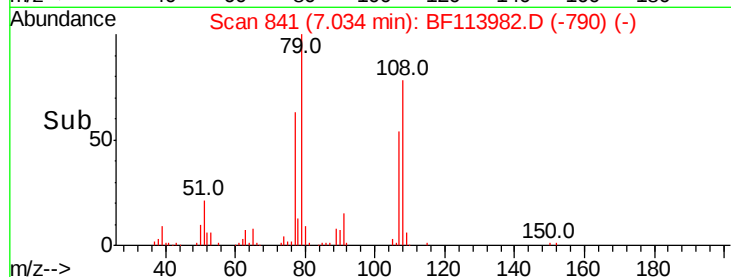
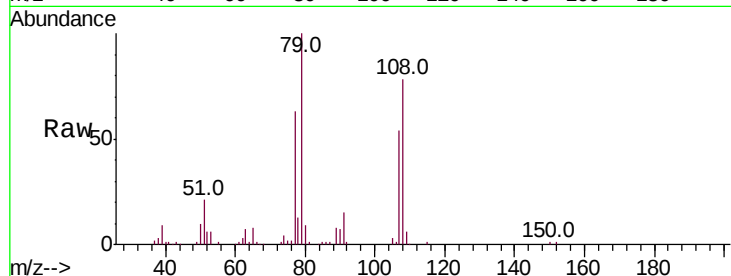
ClientSampleId :

RBR200051MSD

Tot Ion:	79	Resp:	249924
Ion Ratio	Lower	Upper	
79	100		
108	77.6	61.4	92.0
77	62.6	51.6	77.4

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.728 ng

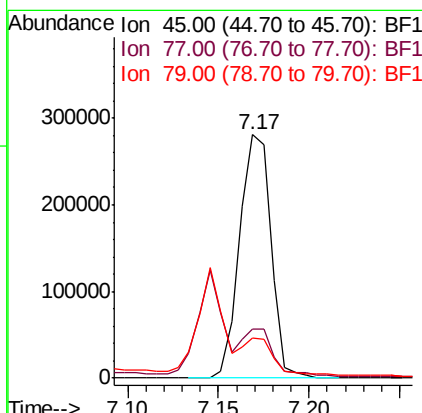
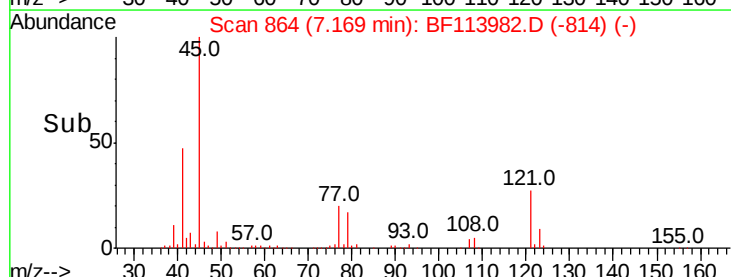
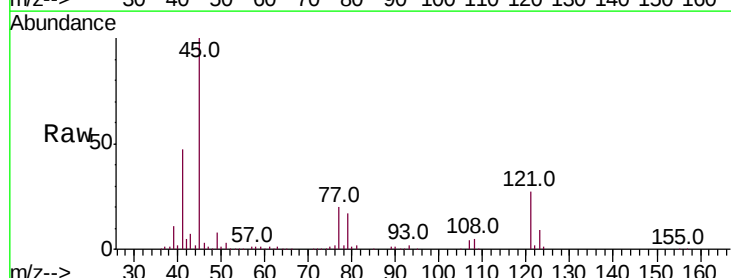
RT: 7.17 min Scan# 864

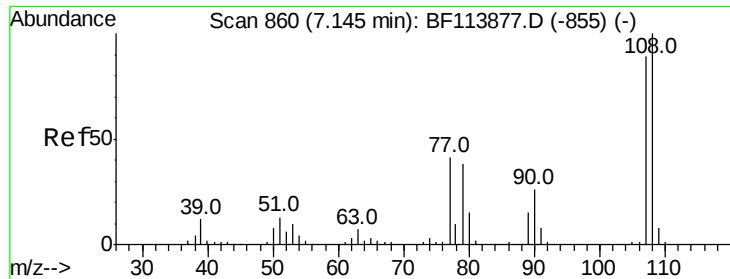
Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	45	Resp:	338974
Ion Ratio	Lower	Upper	
45	100		
77	20.2	0.0	37.0
79	16.7	0.0	32.7





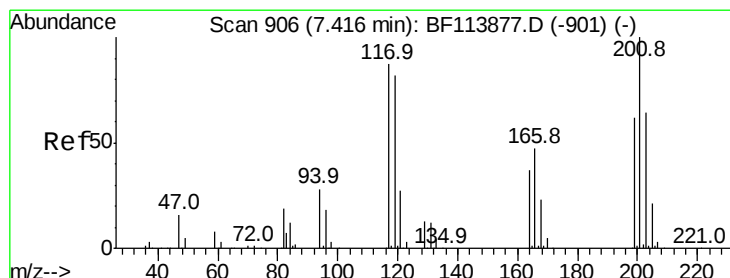
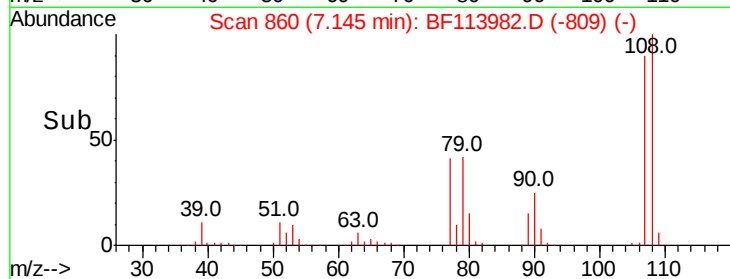
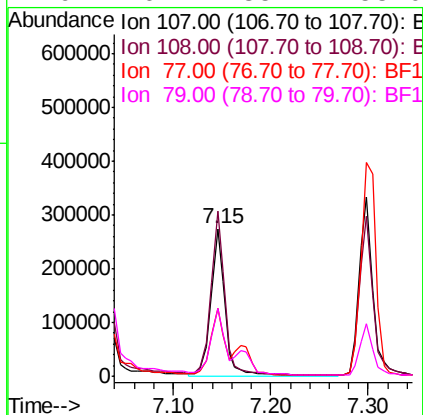
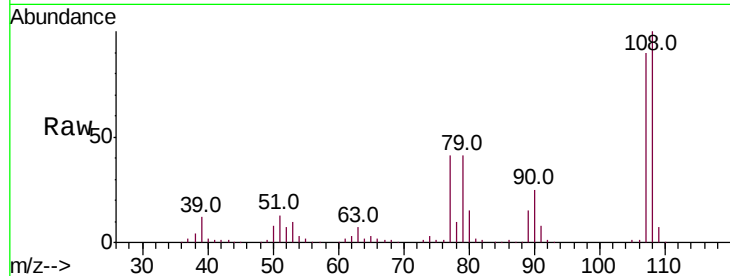
#17
2-Methylphenol
Concen: 45.231 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	279025		
108	111.7	91.5	137.3	
77	45.6	36.2	54.4	
79	46.2	35.4	53.0	

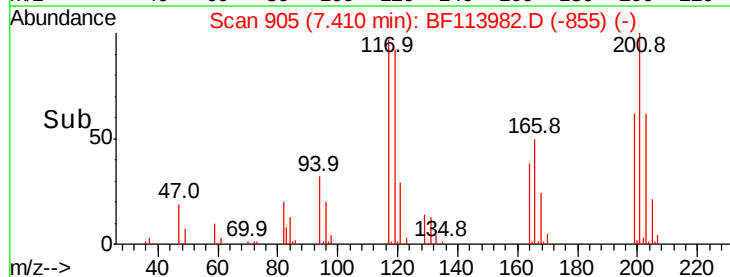
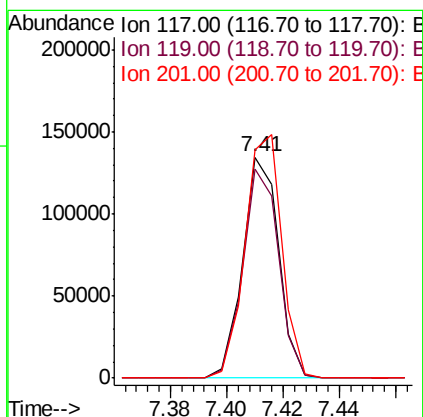
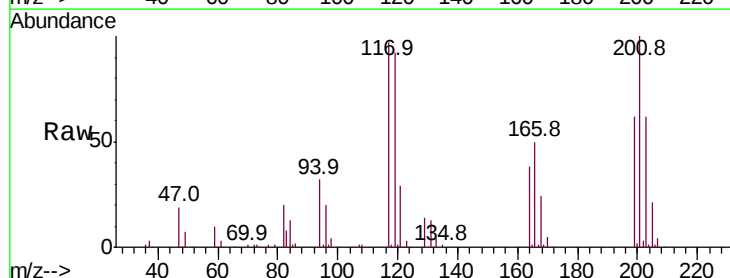
Manual Integrations
APPROVED

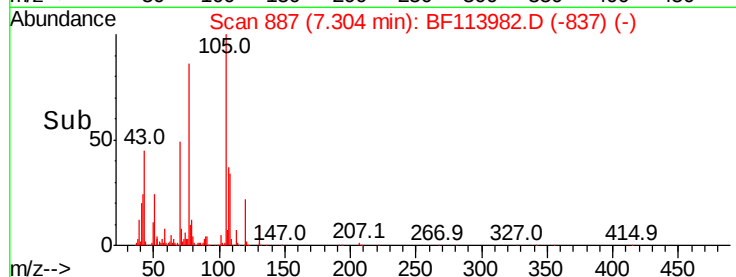
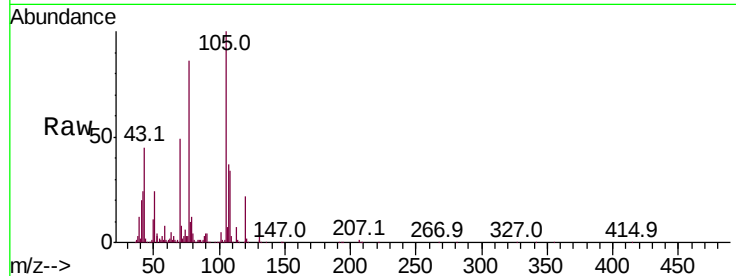
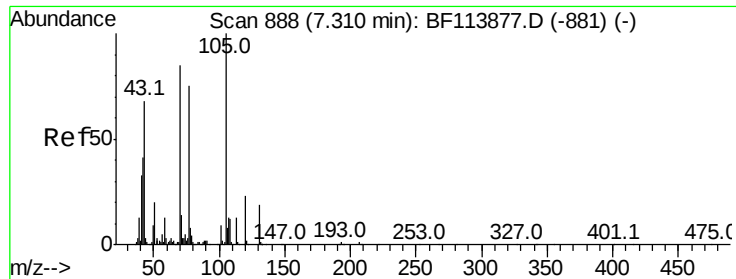
Sohil
4/29/2019 5:49:50 AM



#18
Hexachloroethane
Concen: 42.199 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118591		
119	94.6	74.4	111.6	
201	102.9	90.2	135.2	





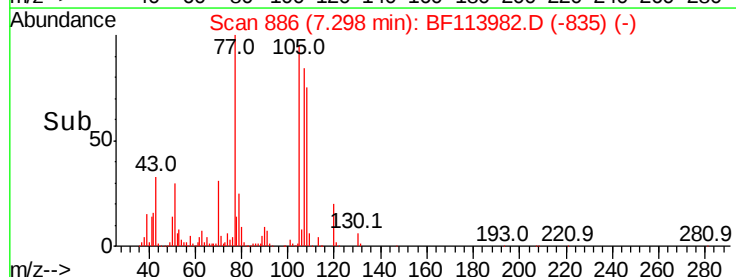
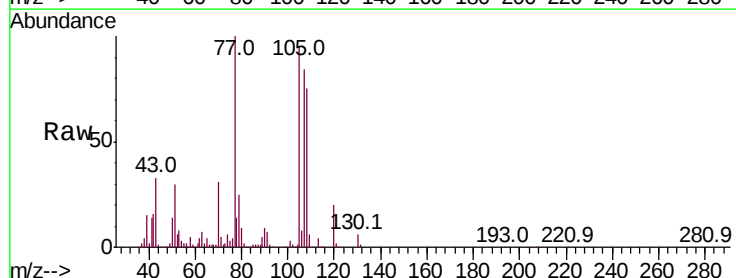
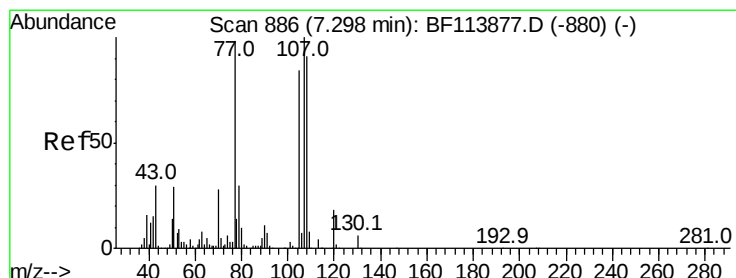
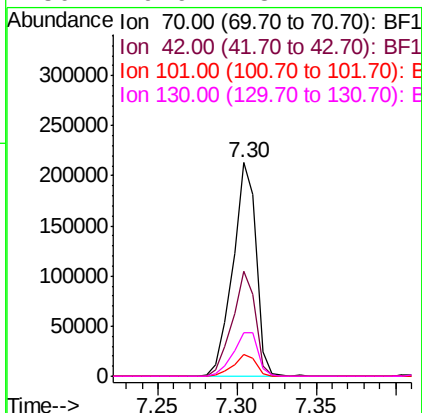
#19
n-Nitroso-di-n-propylamine
Concen: 43.367 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	70	Resp	217194
Ion Ratio	Lower	Upper	
70	100		
42	49.3	37.3	55.9
101	10.0	7.8	11.8
130	20.6	18.2	27.2

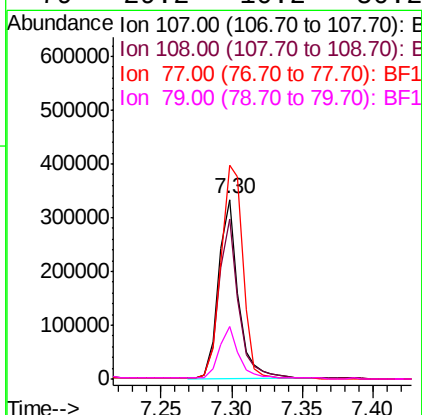
Manual Integrations
APPROVED

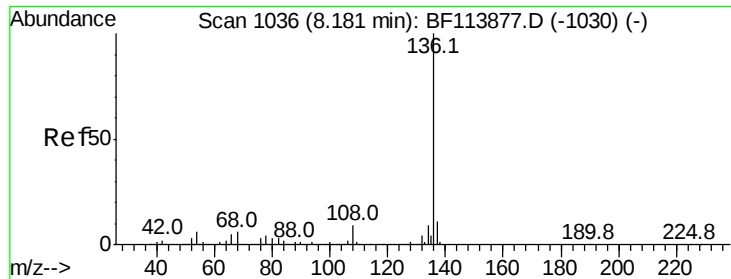
Sohil
4/29/2019 5:49:50 AM



#20
3+4-Methylphenols
Concen: 46.614 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	107	Resp	324886
Ion Ratio	Lower	Upper	
107	100		
108	89.4	70.1	110.1
77	119.2	52.9	92.9#
79	29.2	10.2	50.2





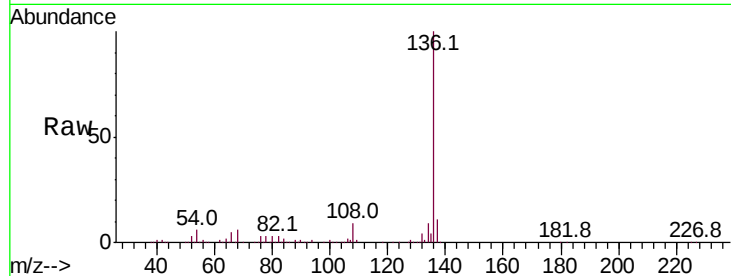
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.6	12.8	
54	5.8	5.0	7.6	
68	5.9	4.9	7.3	

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



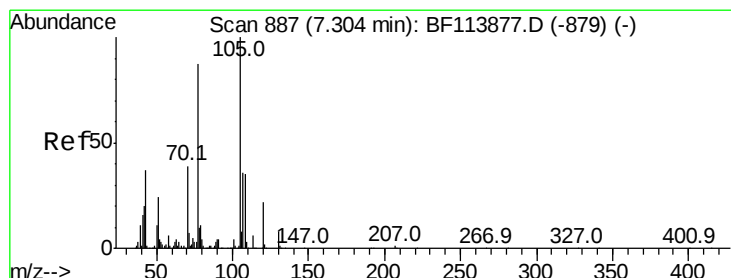
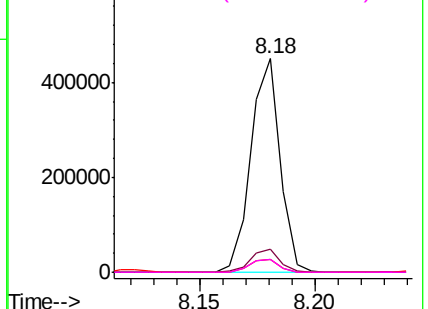
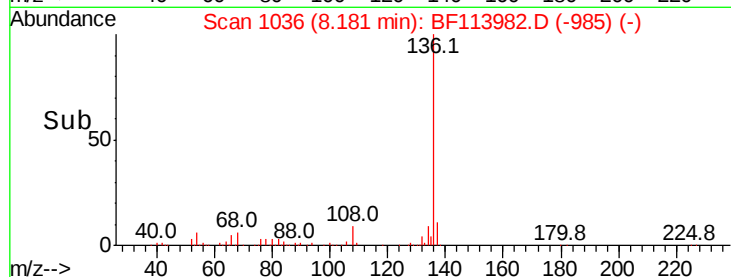
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

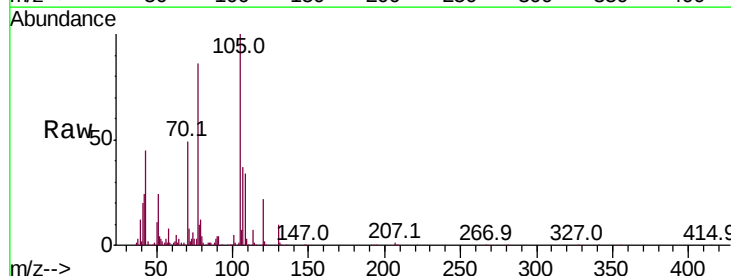
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 48.634 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	6.1	9.1	
51	24.0	16.8	25.2	
120	21.6	17.6	26.4	



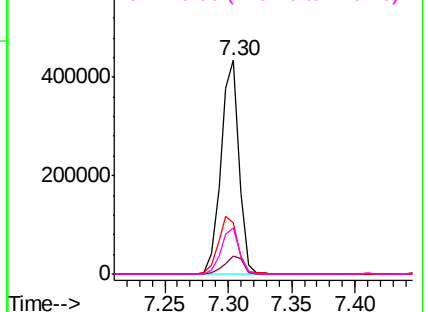
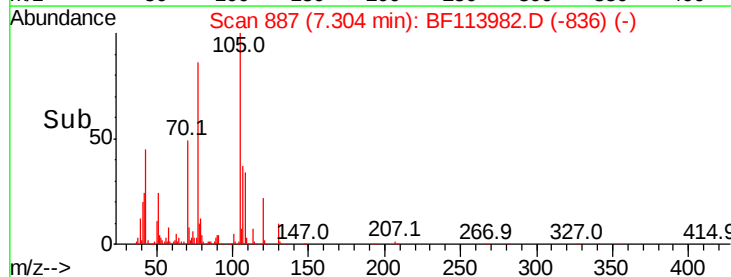
Abundance

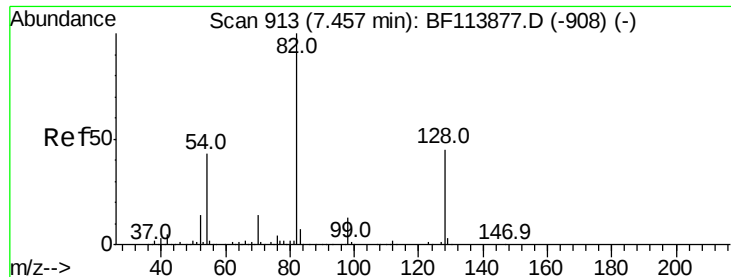
Ion 105.00 (104.70 to 105.70): E

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





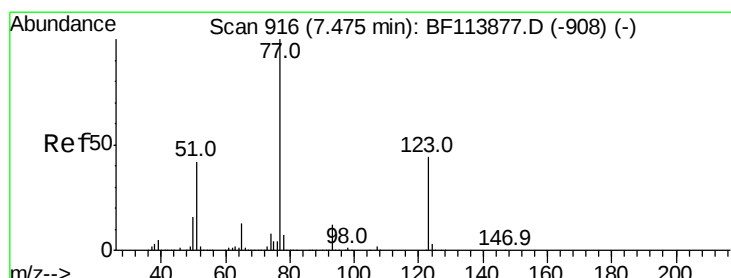
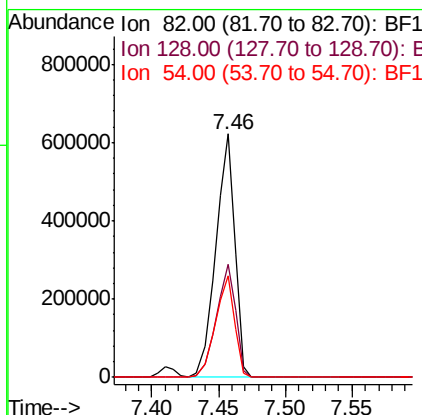
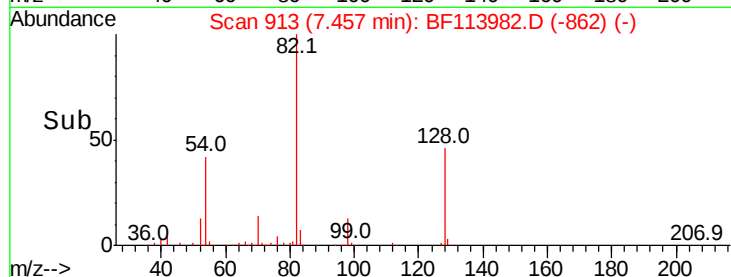
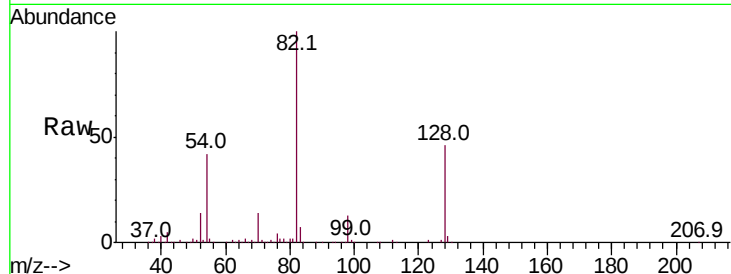
#23
Nitrobenzene-d5
Concen: 97.241 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.8	55.2
54	41.8	33.8	50.6

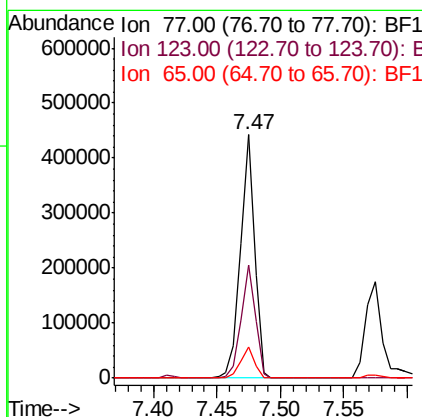
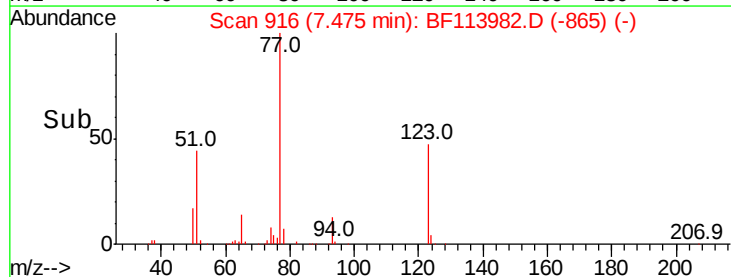
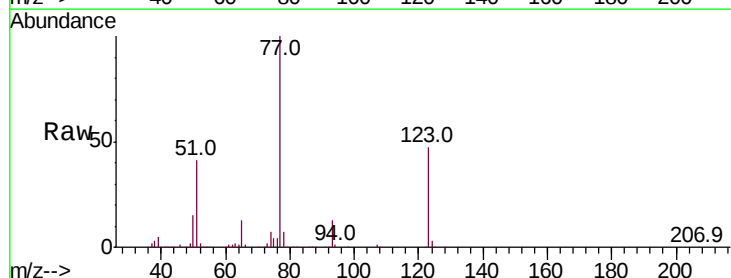
Manual Integrations
APPROVED

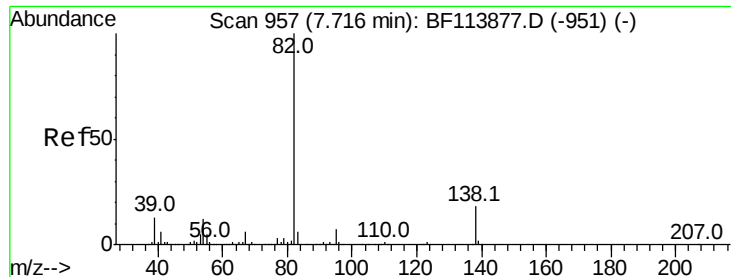
Sohil
4/29/2019 5:49:50 AM



#24
Nitrobenzene
Concen: 47.847 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	36.3	54.5
65	12.6	10.3	15.5





#25

Isophorone

Concen: 45.656 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

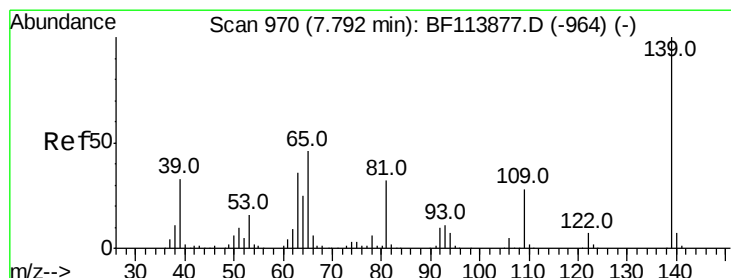
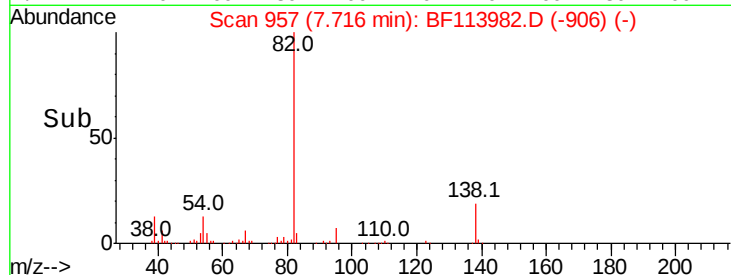
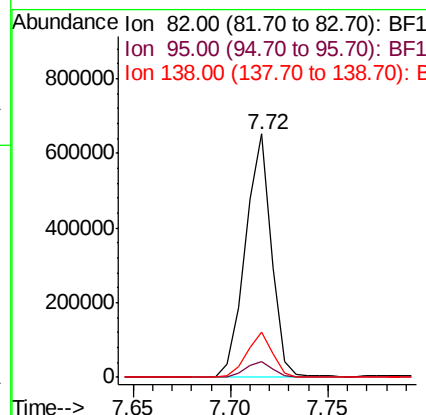
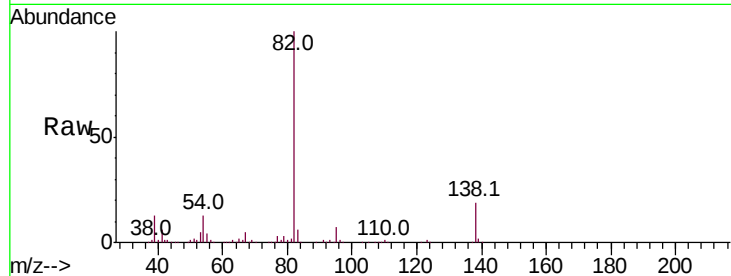
ClientSampleId :

RBR200051MSD

Tot Ion:	82	Resp:	603150
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.5	14.6	22.0

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#26

2-Nitrophenol

Concen: 51.895 ng

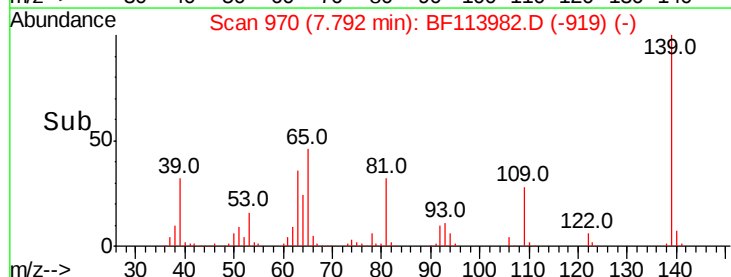
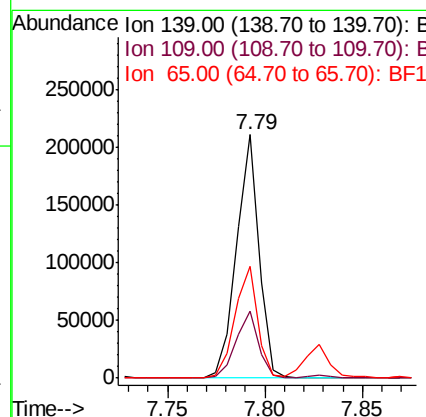
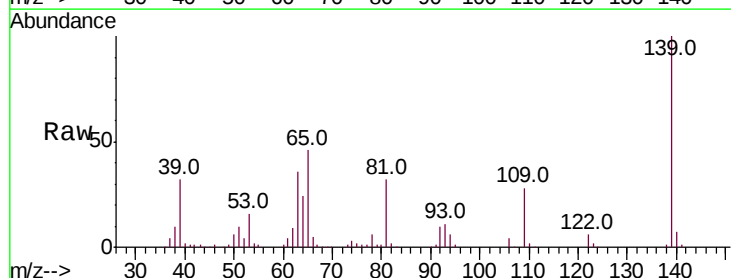
RT: 7.79 min Scan# 970

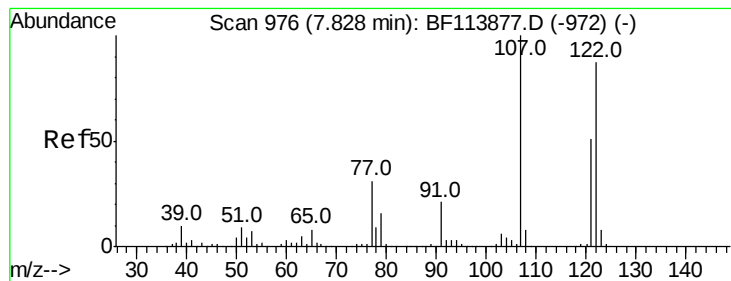
Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	139	Resp:	168896
Ion Ratio	Lower	Upper	
139	100		
109	27.6	20.6	31.0
65	45.8	34.6	52.0





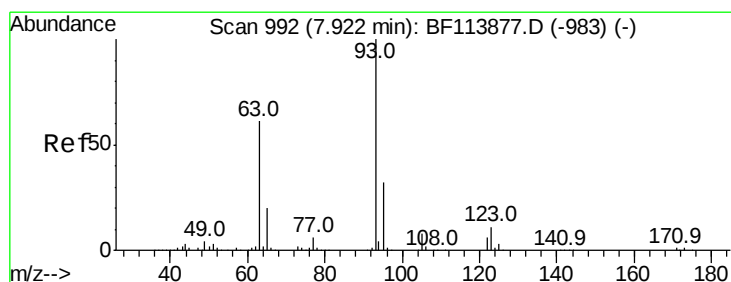
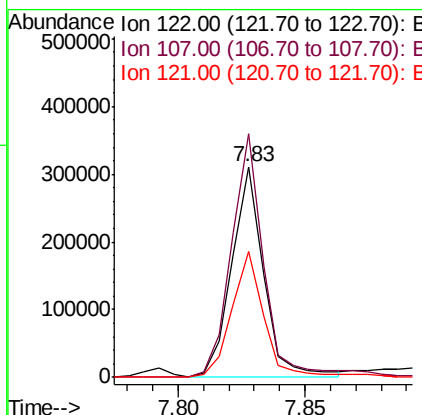
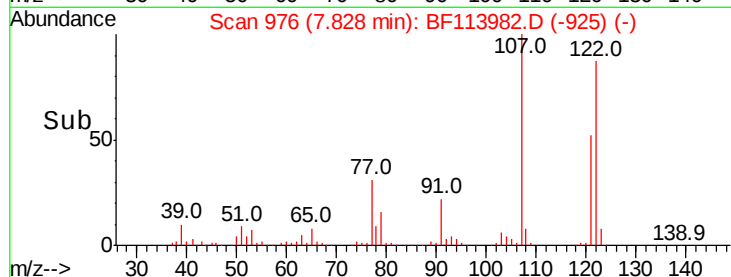
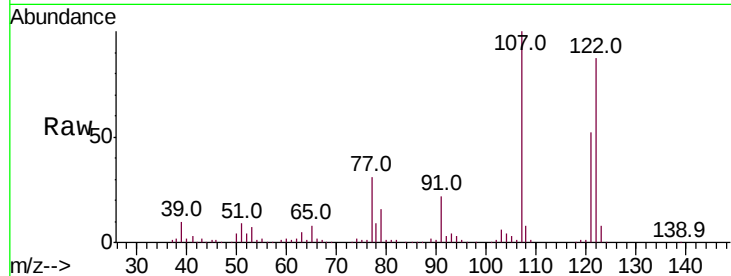
#27
2,4-Dimethylphenol
Concen: 51.588 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.2	136.8
121	59.8	46.4	69.6

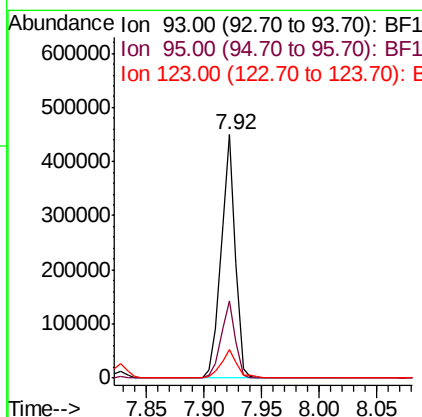
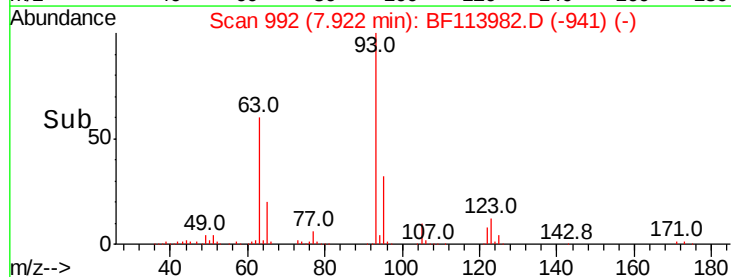
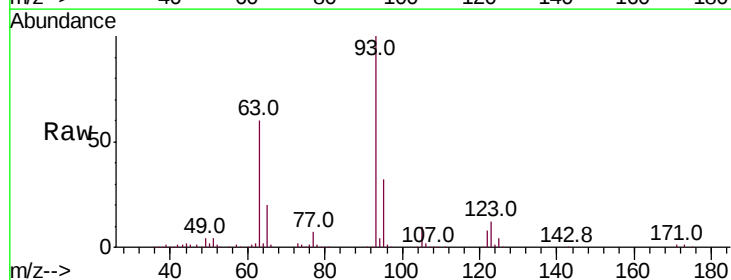
Manual Integrations
APPROVED

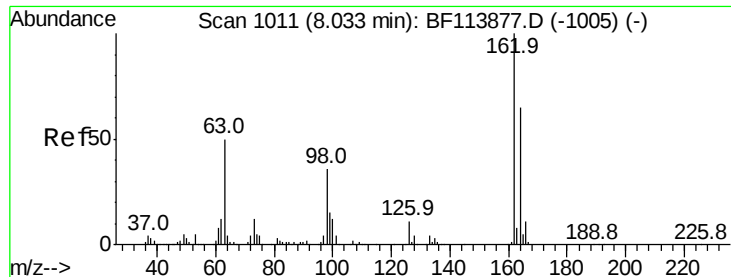
Sohil
4/29/2019 5:49:50 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.384 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.6
123	12.0	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 48.378 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

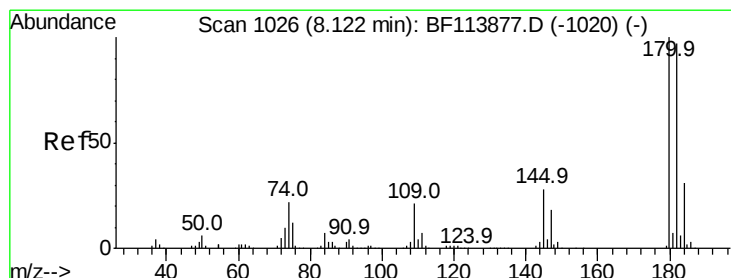
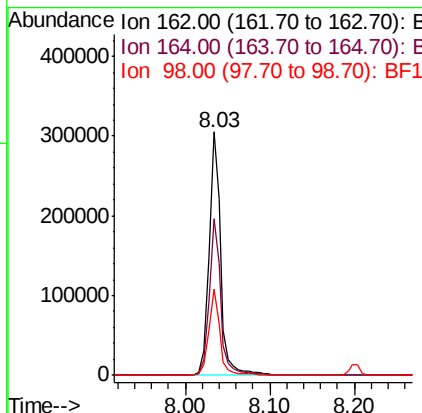
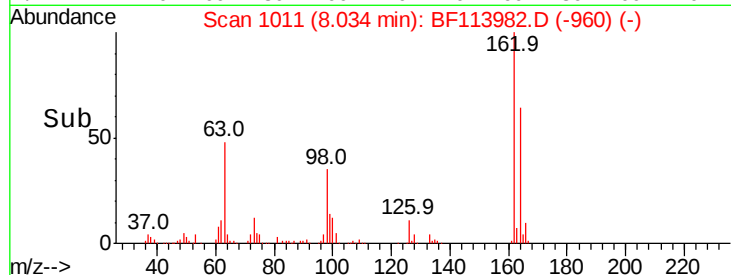
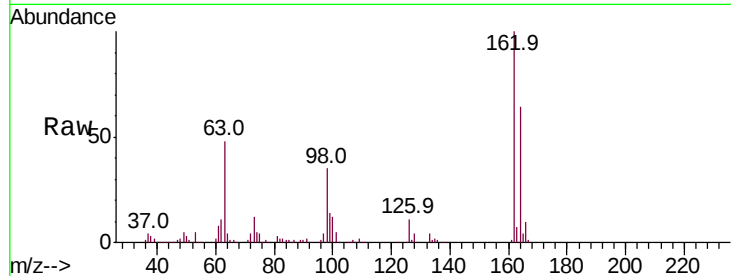
ClientSampleId :

RBR200051MSD

Tot Ion:	162	Resp:	293346
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.7	83.7
98	35.2	15.5	55.5

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#30

1,2,4-Trichlorobenzene

Concen: 46.308 ng

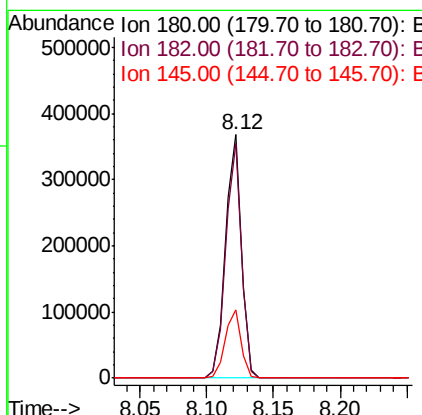
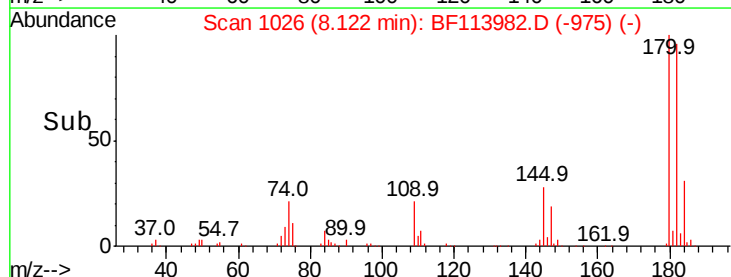
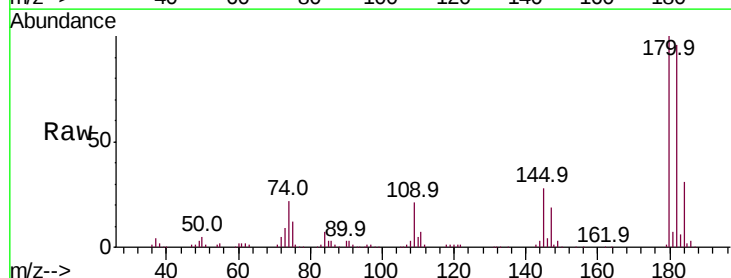
RT: 8.12 min Scan# 1026

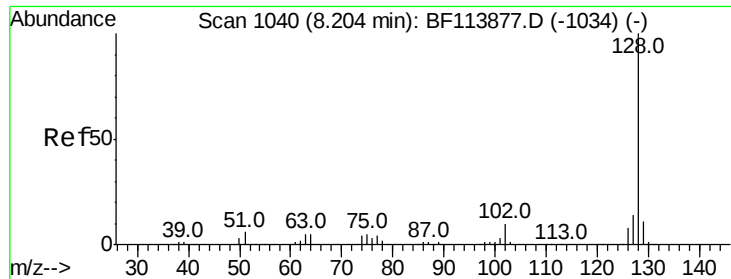
Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	180	Resp:	313091
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.4	113.0
145	28.3	23.0	34.4





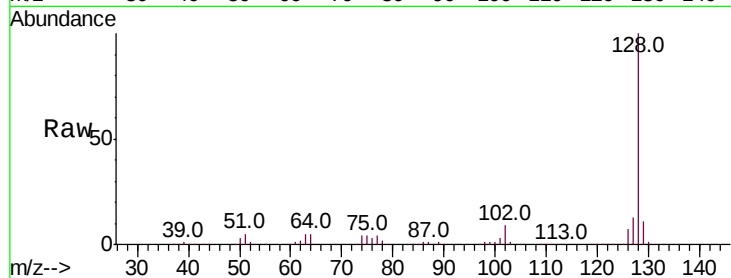
#31
Naphthalene
Concen: 47.910 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

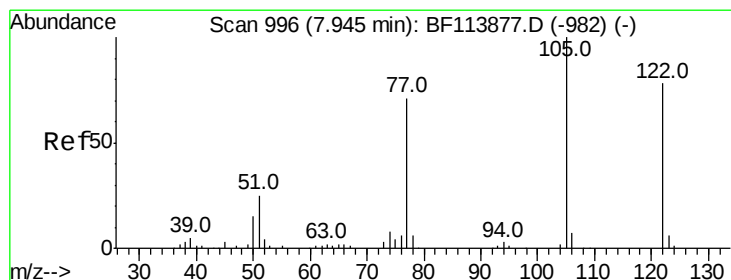
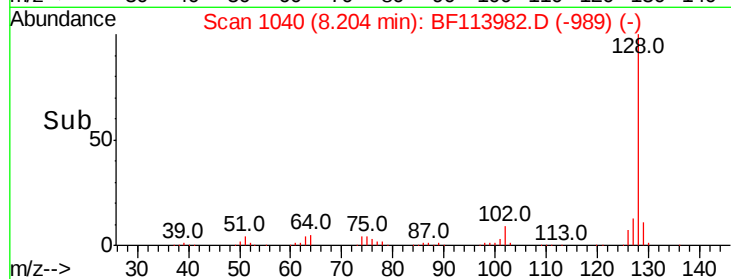
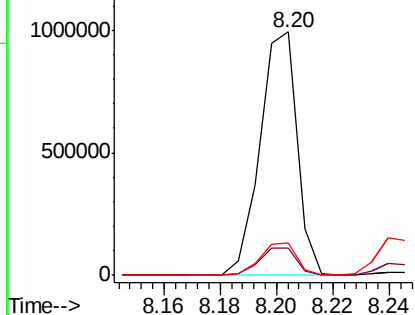
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.2	10.8	16.2

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

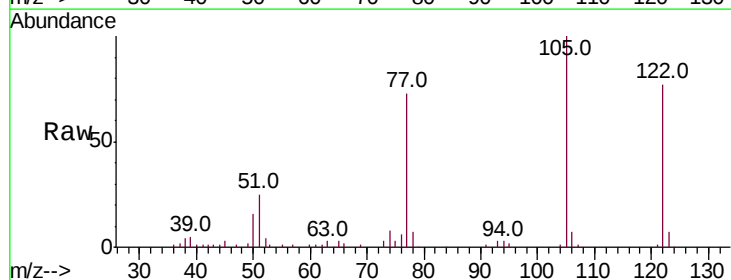


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

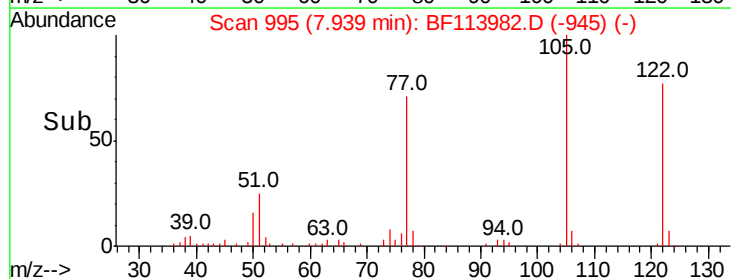
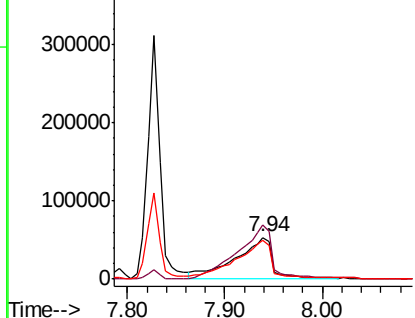


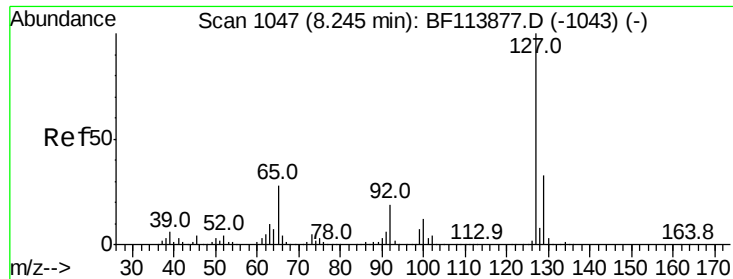
#32
Benzoic acid
Concen: 39.843 ng m
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	104.3	144.3
77	94.9	70.4	110.4



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





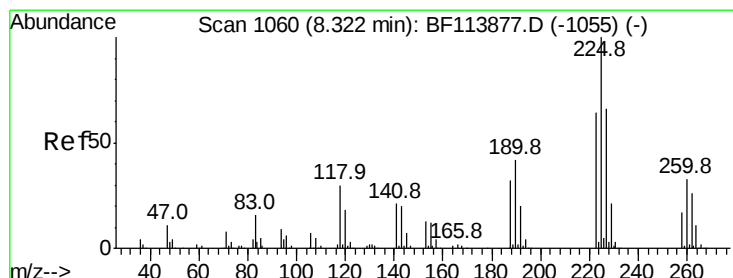
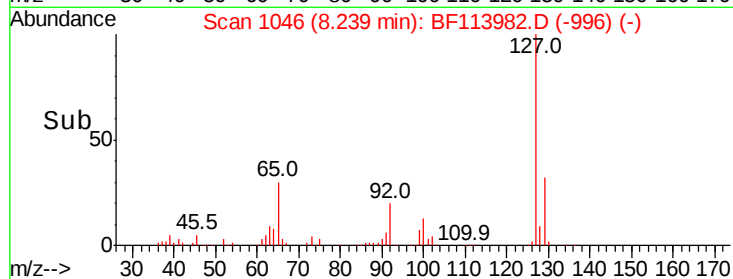
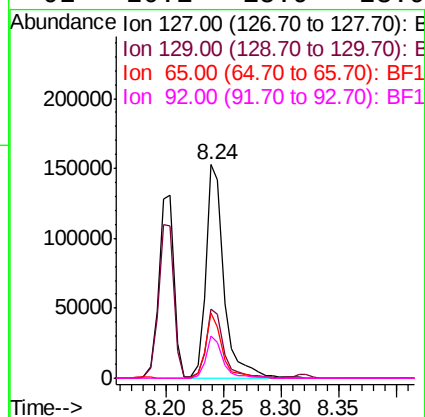
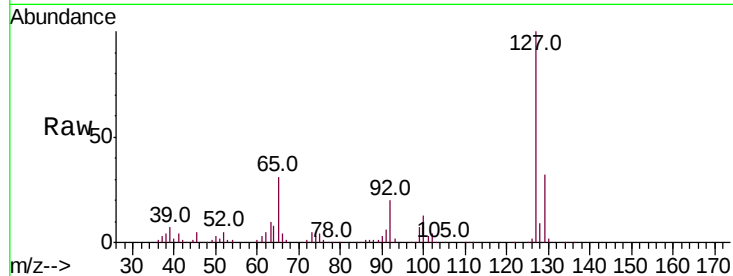
#33
4-Chloroaniline
Concen: 20.948 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	167859		
129	32.2	26.4	39.6	
65	30.8	24.9	37.3	
92	20.1	15.9	23.9	

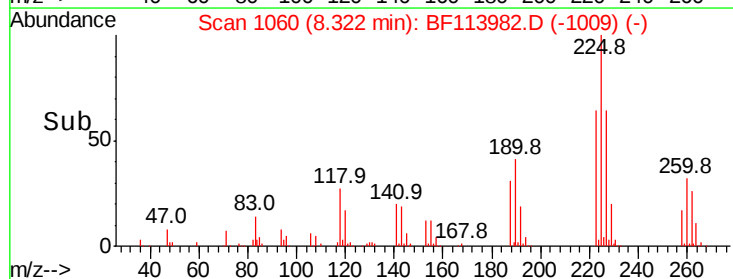
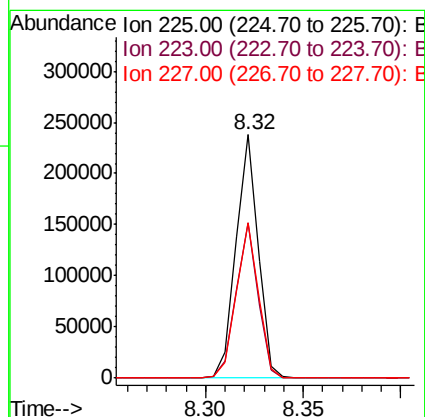
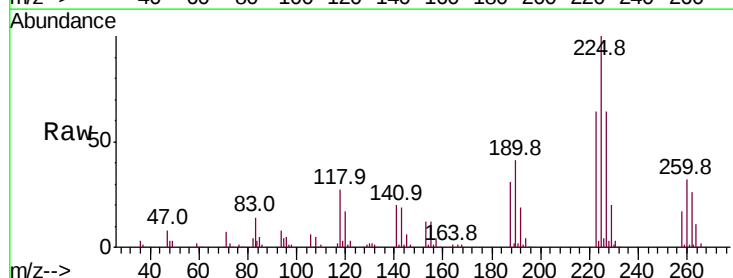
Manual Integrations
APPROVED

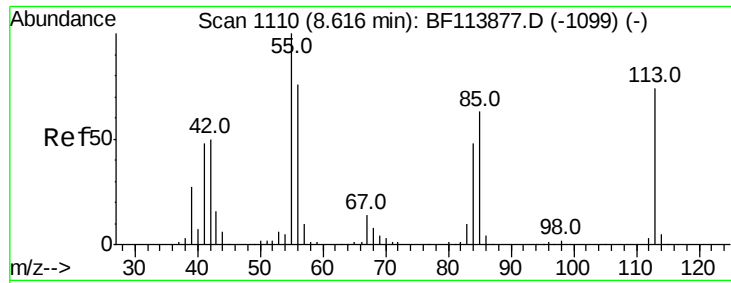
Sohil
4/29/2019 5:49:50 AM



#34
Hexachlorobutadiene
Concen: 44.618 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	188054		
223	63.6	51.1	76.7	
227	63.9	49.9	74.9	





#35

Caprolactam

Concen: 46.714 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

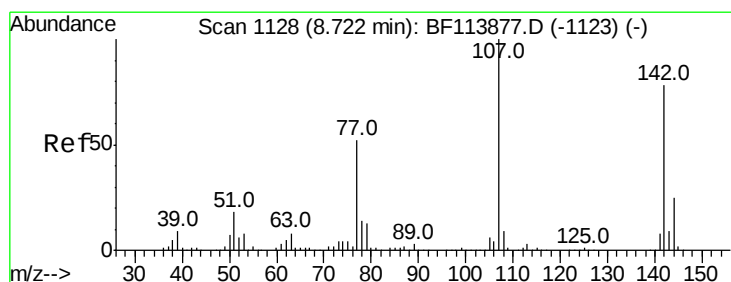
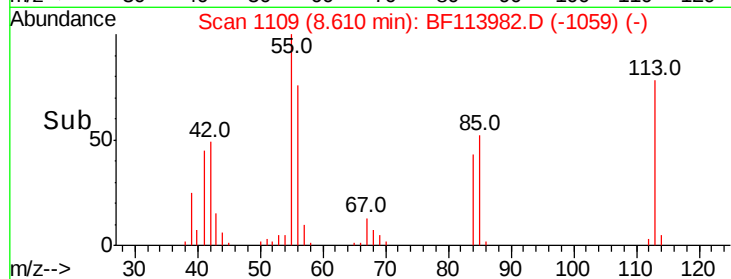
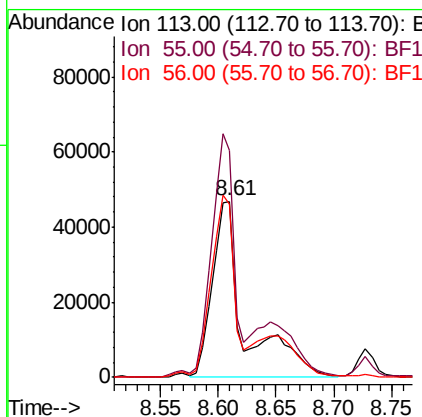
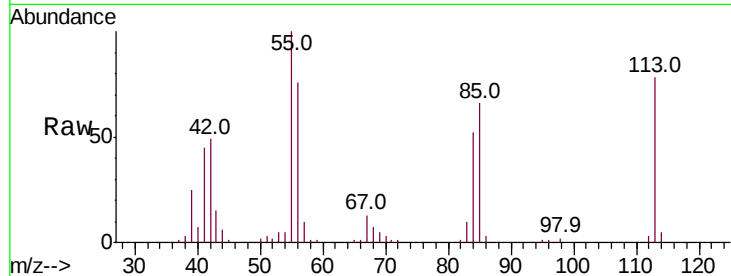
ClientSampleId :

RBR200051MSD

Tot Ion:	113	Resp:	90107
Ion Ratio	Lower	Upper	
113	100		
55	128.8	128.6	168.6
56	98.2	91.9	131.9

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#36

4-Chloro-3-methylphenol

Concen: 48.696 ng/mL

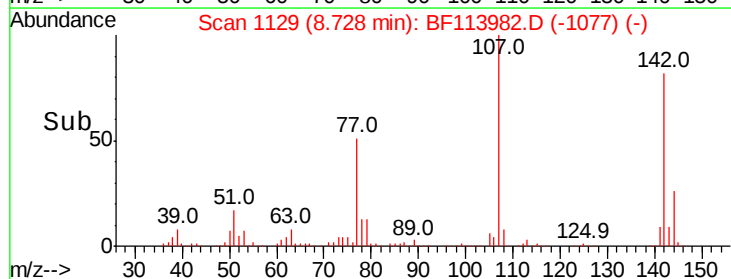
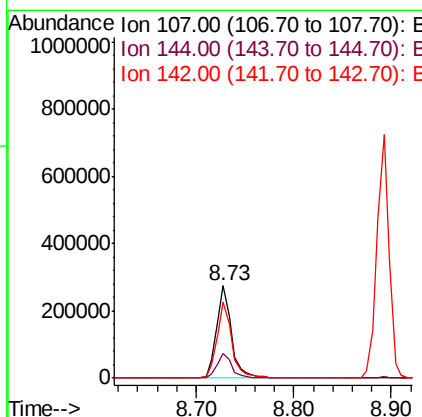
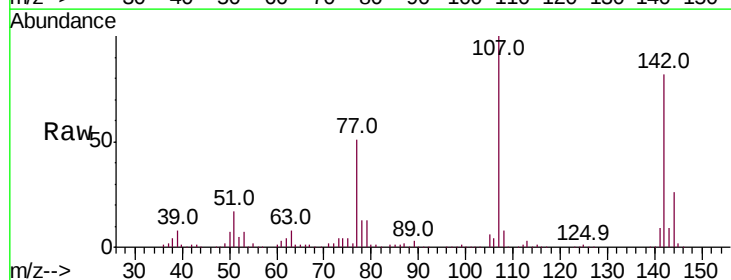
RT: 8.73 min Scan# 1129

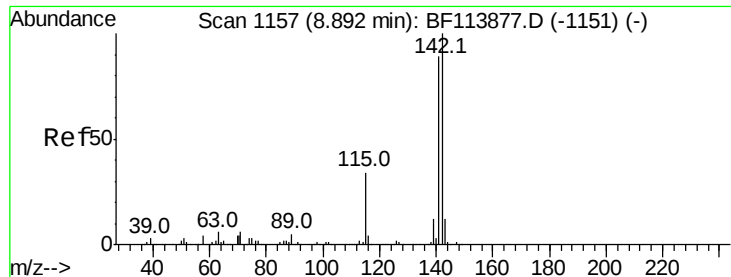
Delta R.T. 0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	107	Resp:	292536
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.5	30.7
142	82.1	64.2	96.4





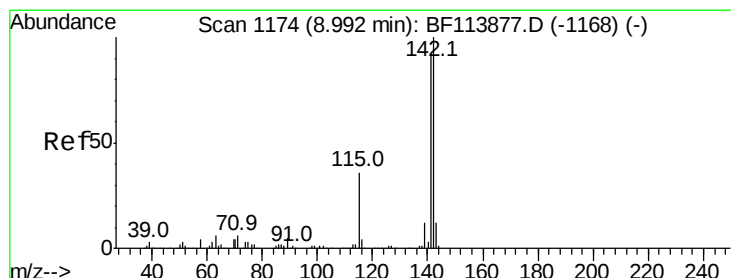
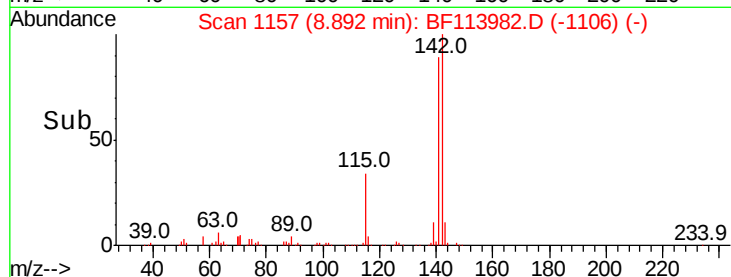
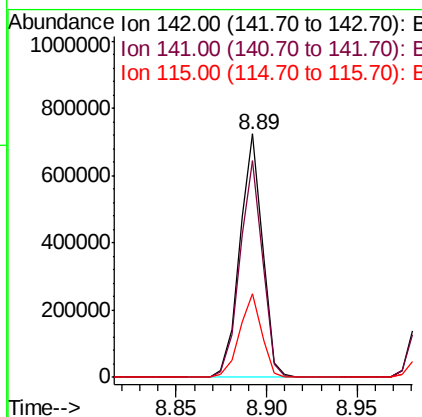
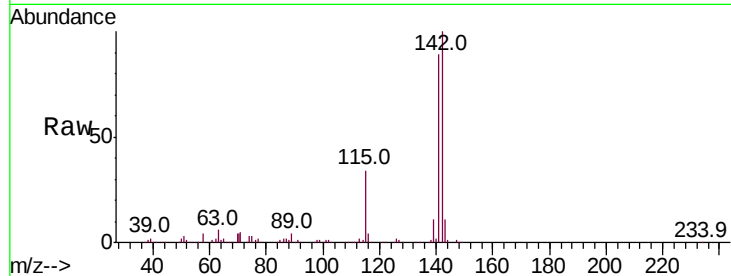
#37
2-Methylnaphthalene
Concen: 48.887 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	34.2	26.3	39.5

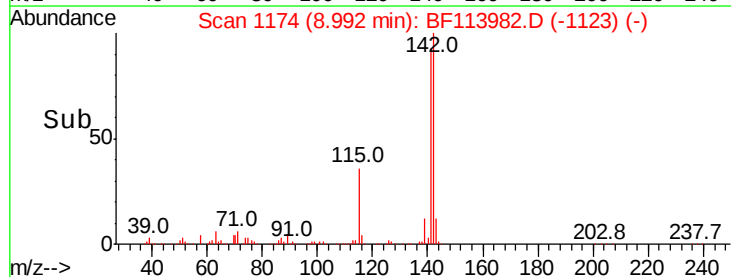
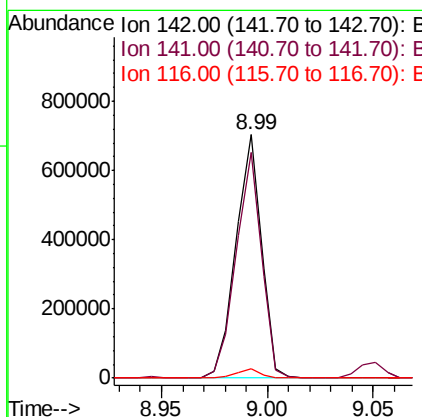
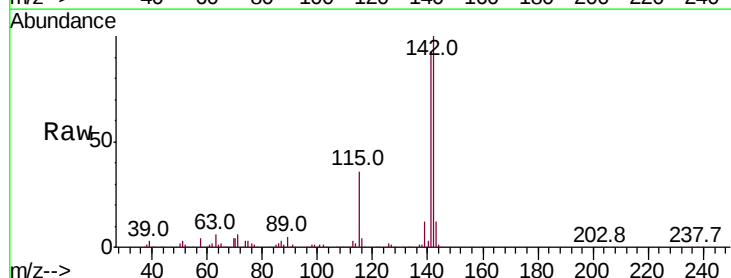
Manual Integrations
APPROVED

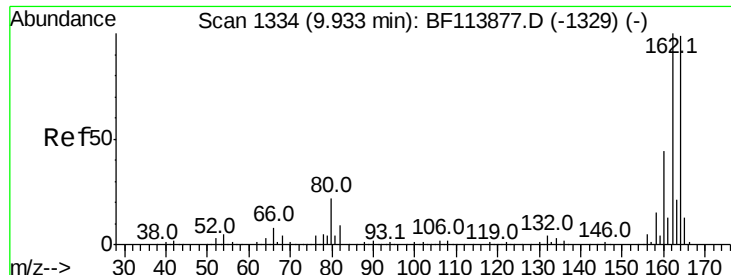
Sohil
4/29/2019 5:49:50 AM



#38
1-Methylnaphthalene
Concen: 47.684 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.3	108.5
116	3.7	3.0	4.4





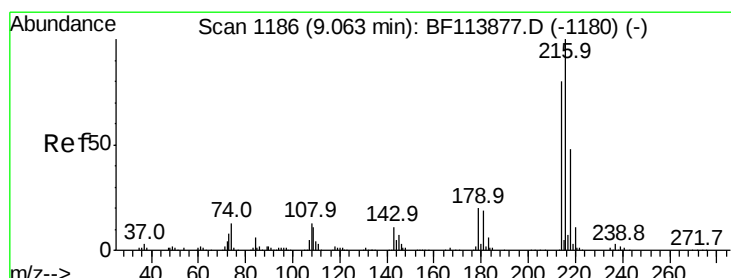
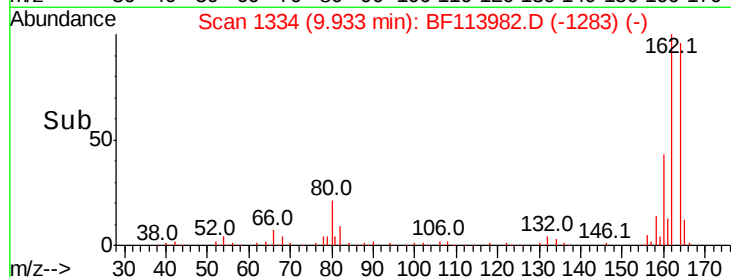
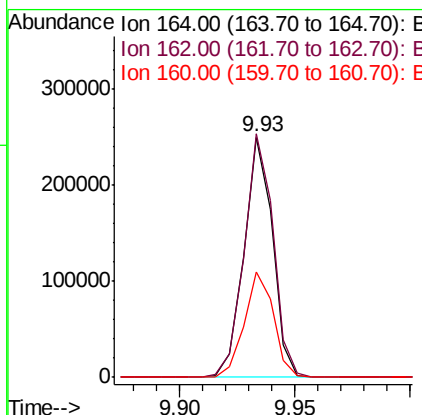
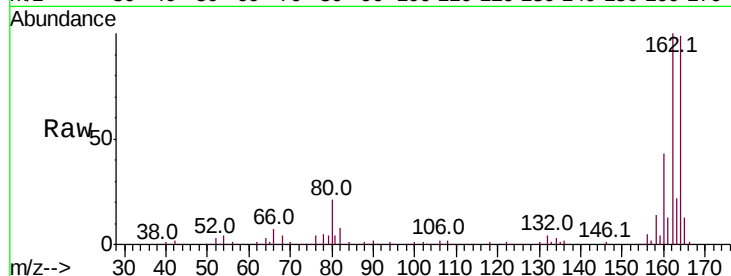
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.1	121.7
160	43.9	35.8	53.6

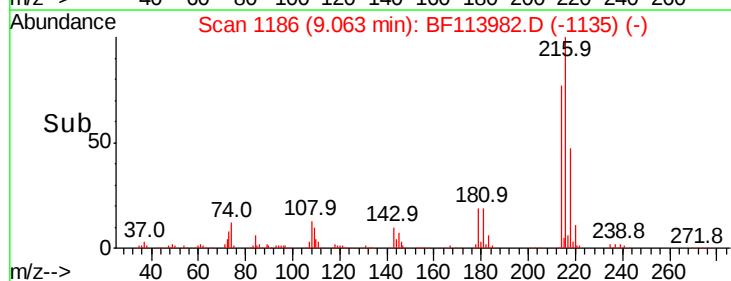
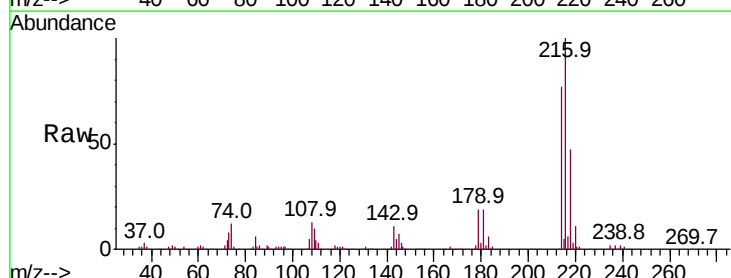
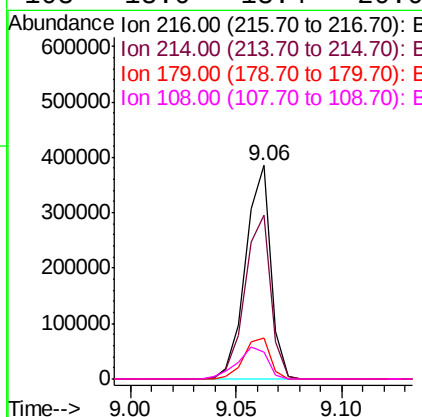
Manual Integrations
APPROVED

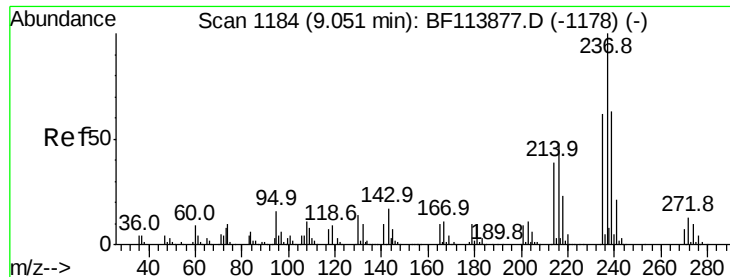
Sohil
4/29/2019 5:49:50 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.329 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.5	95.3
179	20.4	16.1	24.1
108	18.0	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 93.539 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

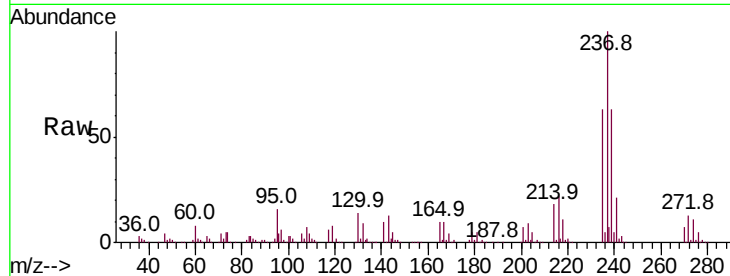
ClientSampleId :

RBR200051MSD

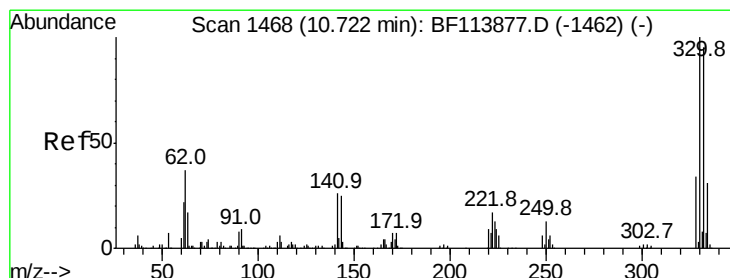
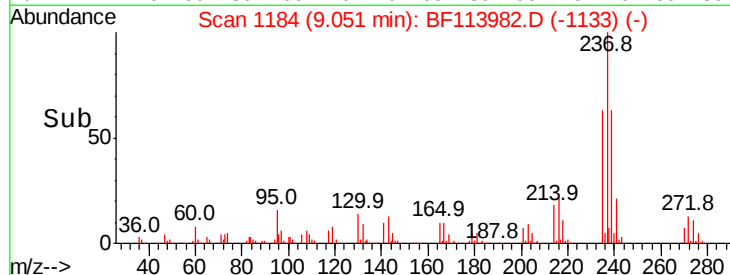
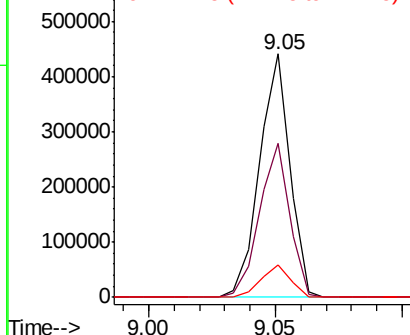
Tot Ion:	237	Resp:	365818
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.6	82.6
272	13.2	0.0	33.8

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



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



#42

2,4,6-Tribromophenol

Concen: 137.876 ng

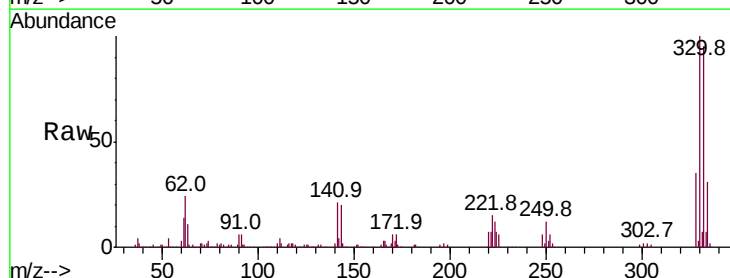
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

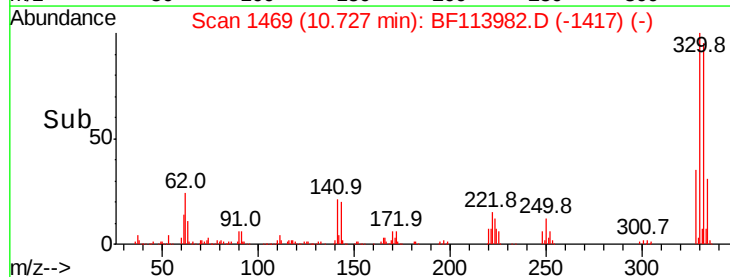
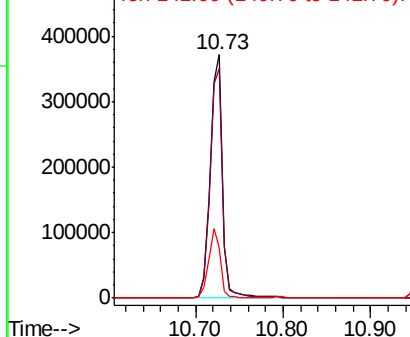
Lab File: BF113982.D

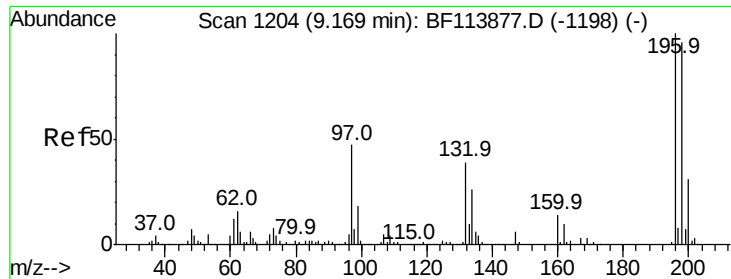
Acq: 25 Apr 2019 17:24

Tgt Ion:	330	Resp:	362633
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.5	116.3
141	27.3	22.2	33.2



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





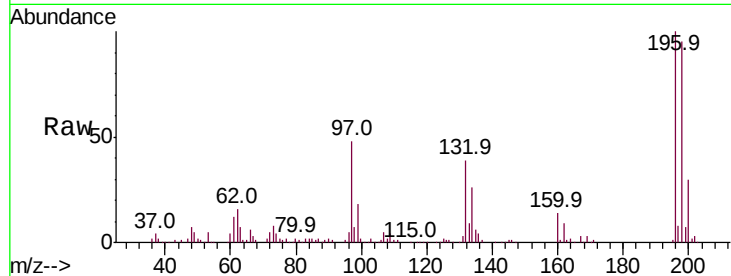
#43
 2,4,6-Trichlorophenol
 Concen: 49.656 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221136		
198	95.4	75.6	113.4	
200	30.3	24.7	37.1	

Manual Integrations
 APPROVED

Sohil
 4/29/2019 5:49:50 AM

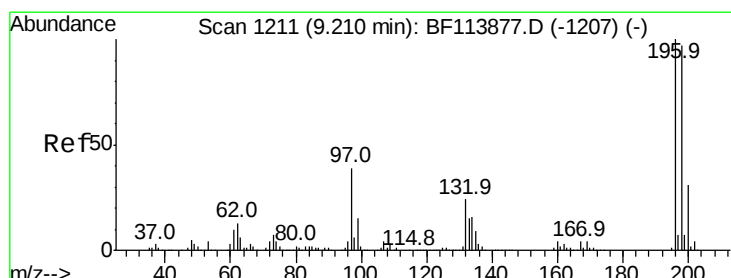
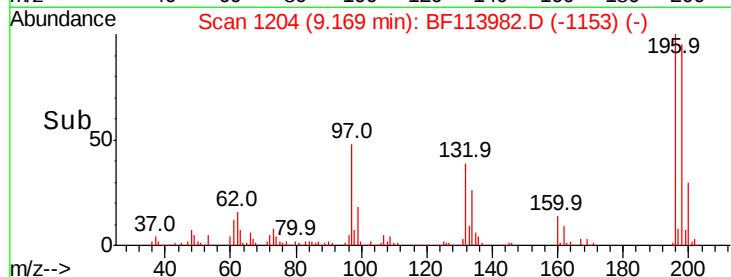
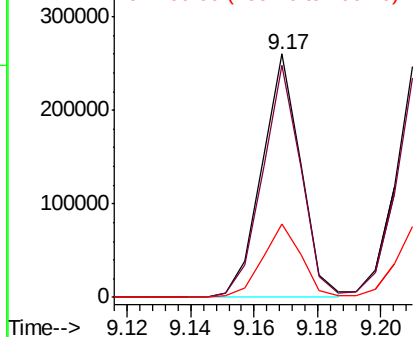


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 49.469 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247101		
198	95.2	76.2	114.4	
97	44.7	35.8	53.8	
132	26.0	20.9	31.3	

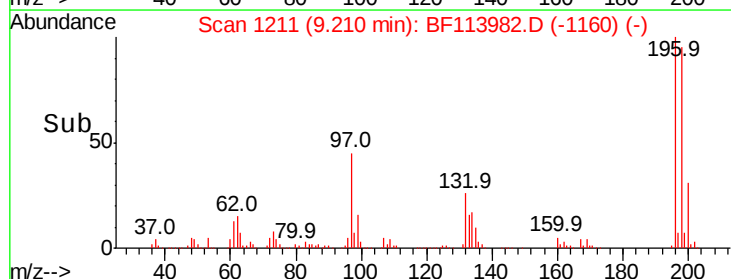
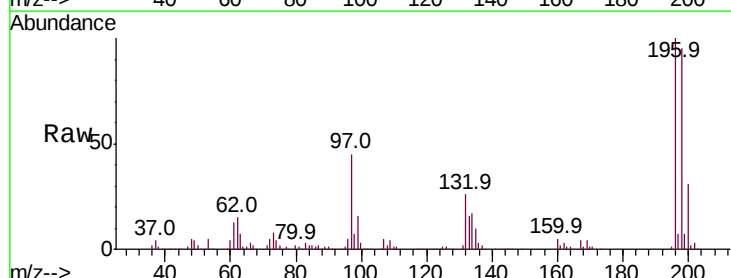
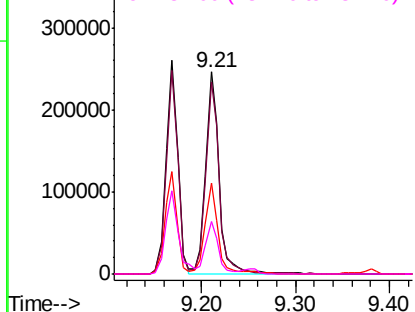
Abundance

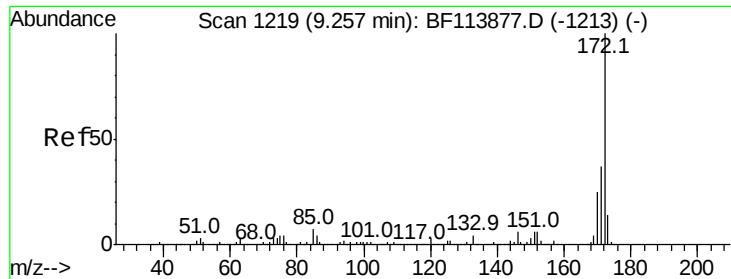
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





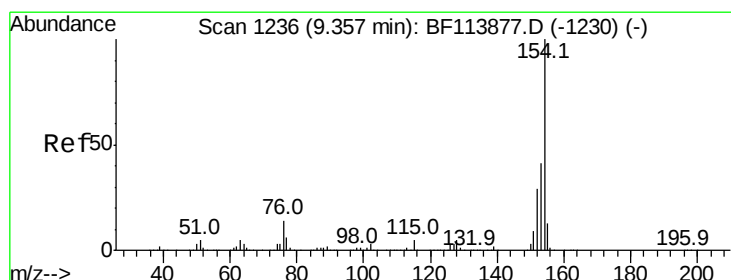
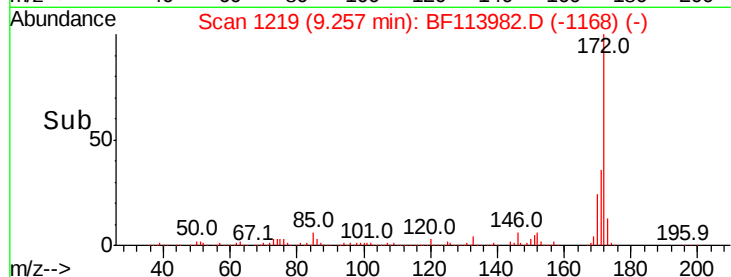
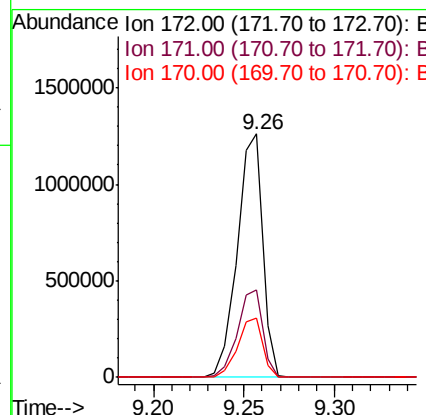
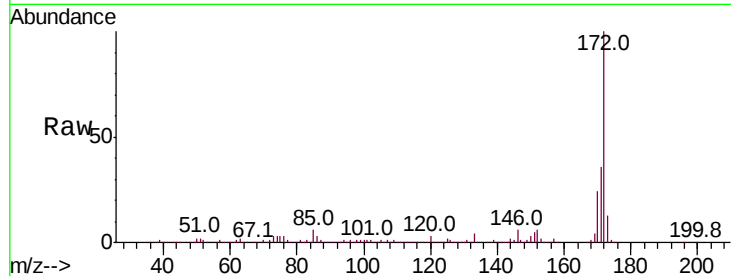
#45
2-Fluorobiphenyl
Concen: 89.080 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	19.9	29.9

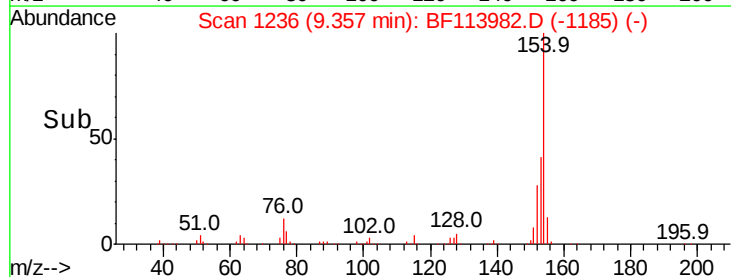
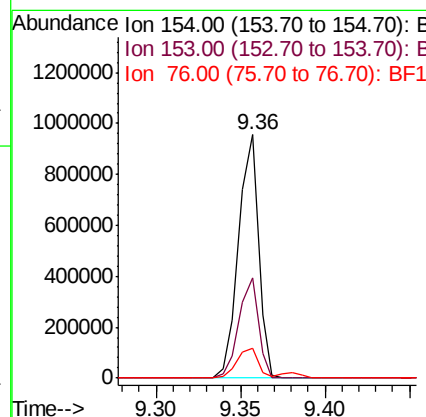
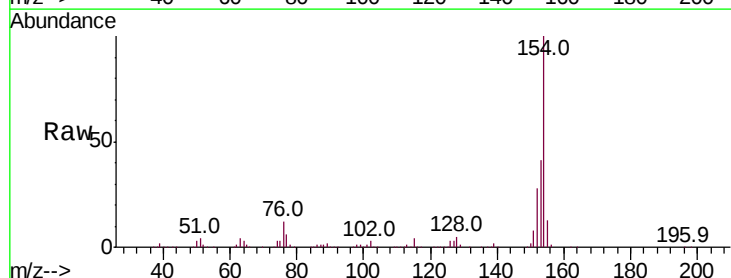
Manual Integrations
APPROVED

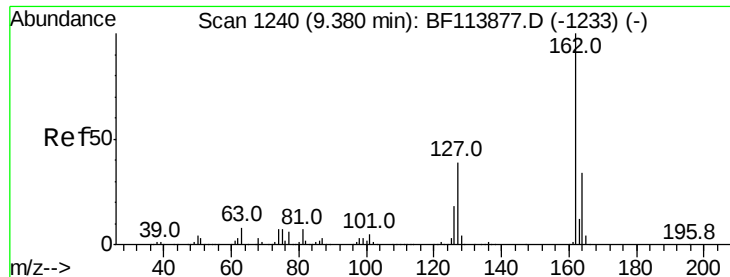
Sohil
4/29/2019 5:49:50 AM



#46
1,1'-Biphenyl
Concen: 47.665 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.4	0.0	35.2





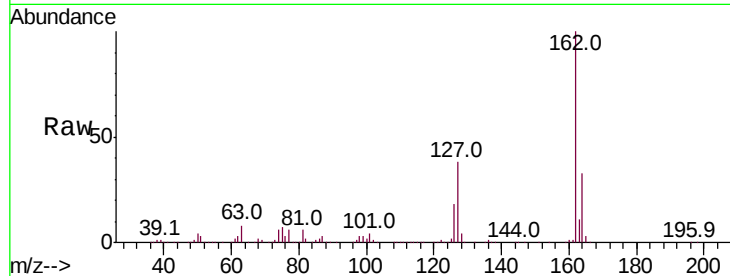
#47
2-Chloronaphthalene
Concen: 46.851 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

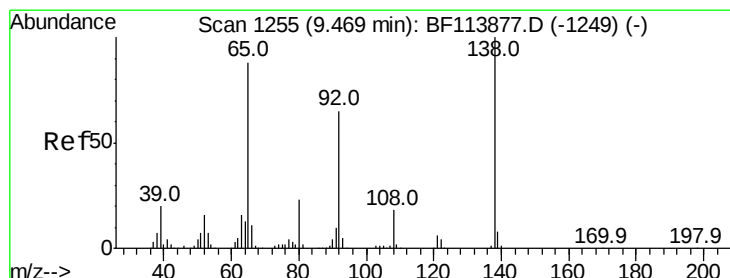
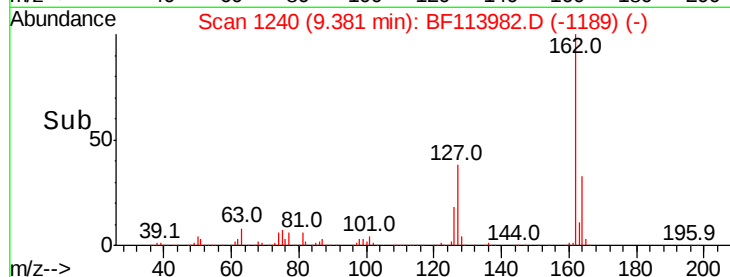
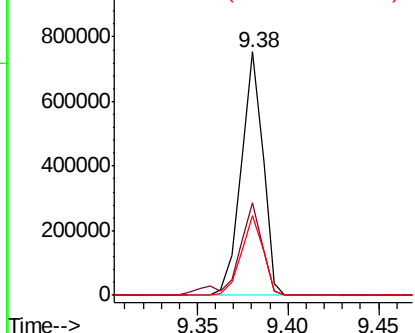
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.0	29.3	43.9
164	33.0	27.1	40.7

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

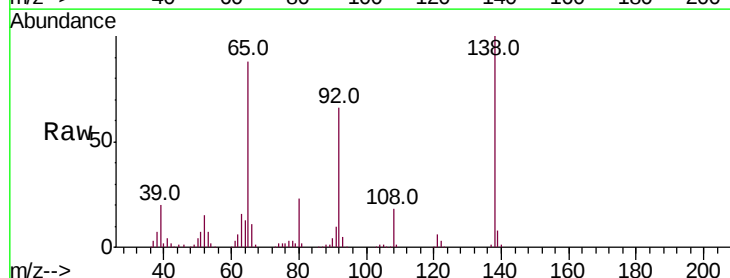


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

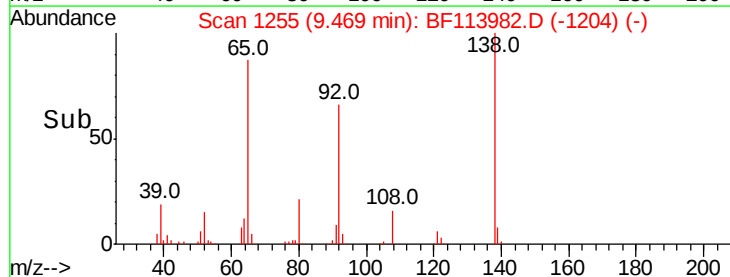
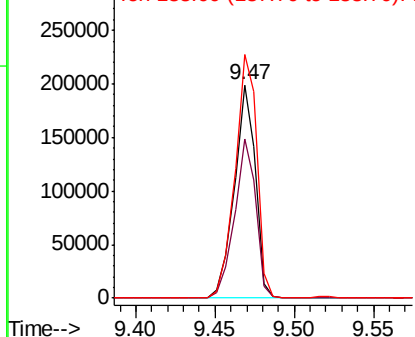


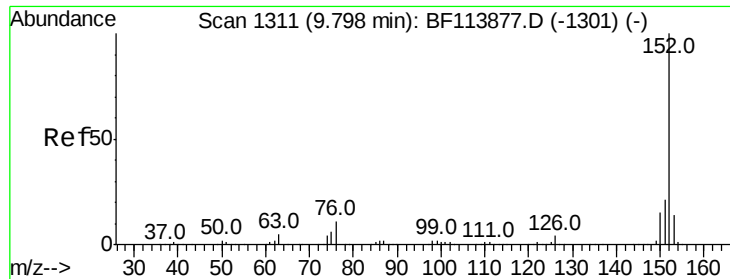
#48
2-Nitroaniline
Concen: 52.137 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.8	57.4	86.0
138	114.1	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





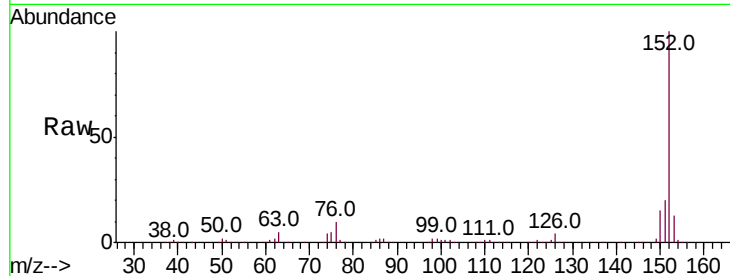
#49
Acenaphthylene
Concen: 46.770 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

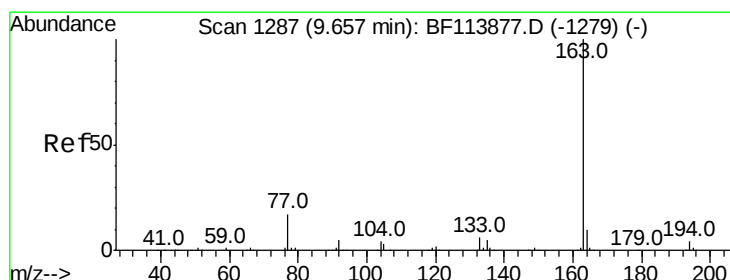
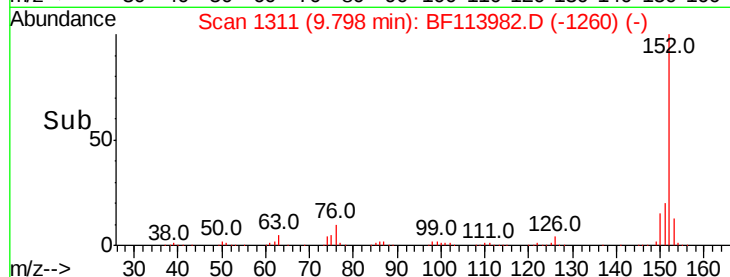
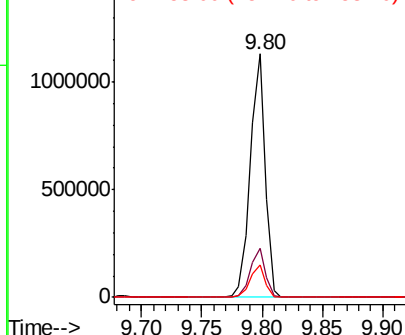
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.4
153	13.2	11.0	16.6

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

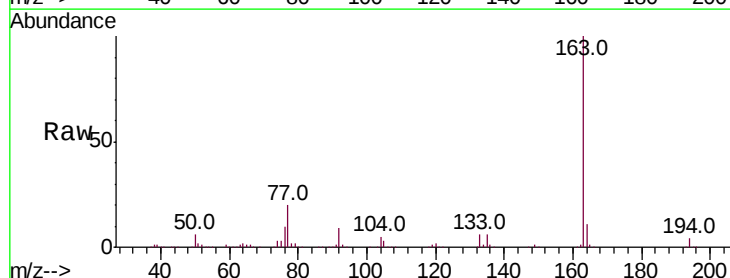


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

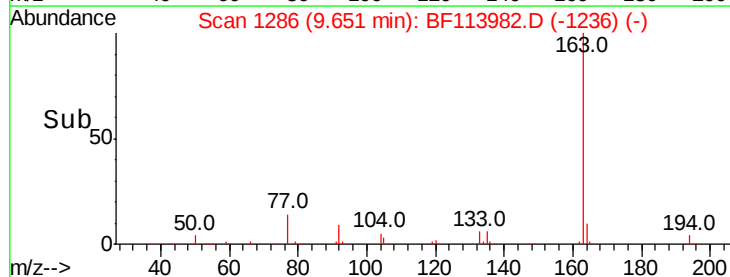
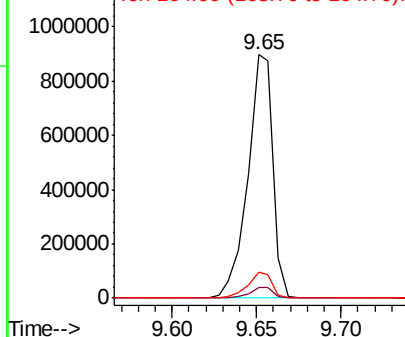


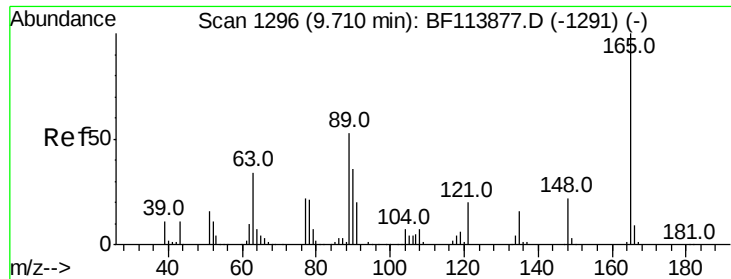
#50
Dimethylphthalate
Concen: 59.888 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.5	8.5	12.7



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





#51

2,6-Dinitrotoluene

Concen: 52.279 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

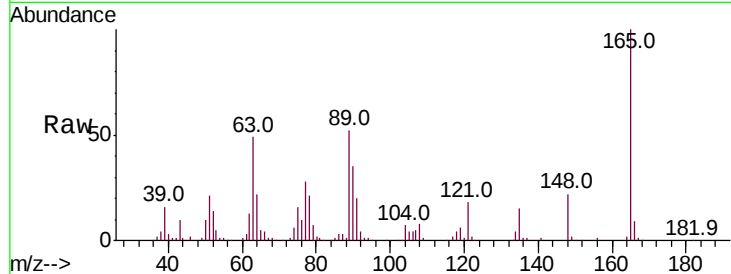
ClientSampleId :

RBR200051MSD

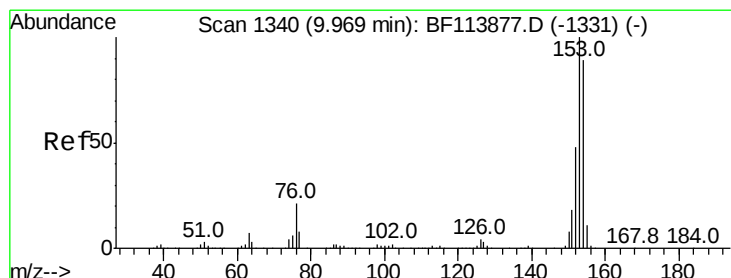
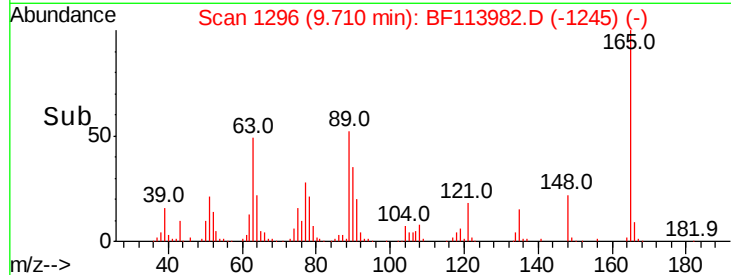
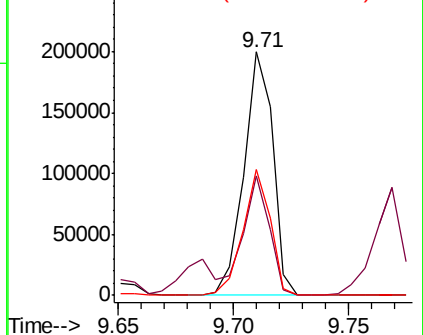
Tot Ion:	165	Resp:	175129
Ion Ratio	Lower	Upper	
165	100		
63	49.2	33.8	50.8
89	51.9	38.2	57.2

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



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



#52

Acenaphthene

Concen: 52.185 ng

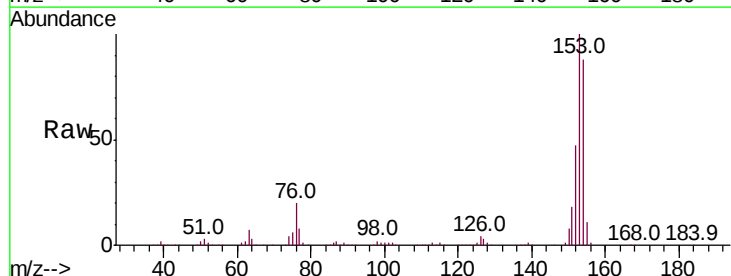
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

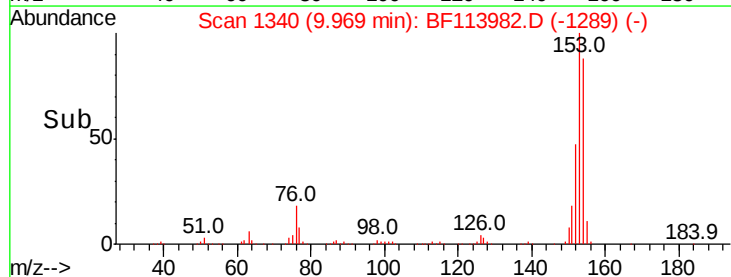
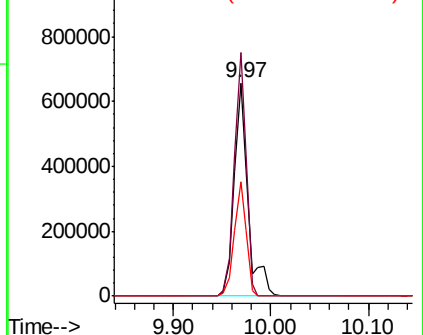
Lab File: BF113982.D

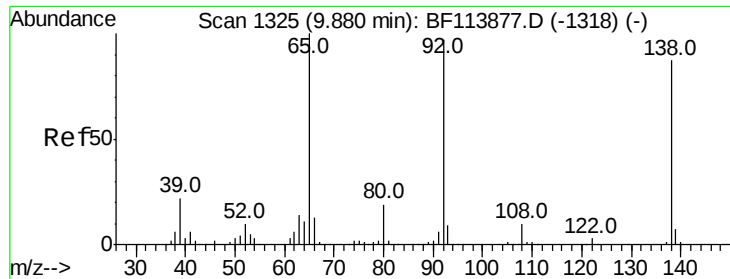
Acq: 25 Apr 2019 17:24

Tgt Ion:	154	Resp:	647582
Ion Ratio	Lower	Upper	
154	100		
153	114.2	87.2	130.8
152	53.8	42.3	63.5



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





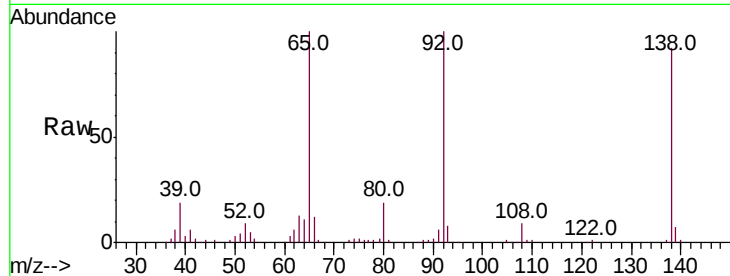
#53
3-Nitroaniline
Concen: 32.292 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

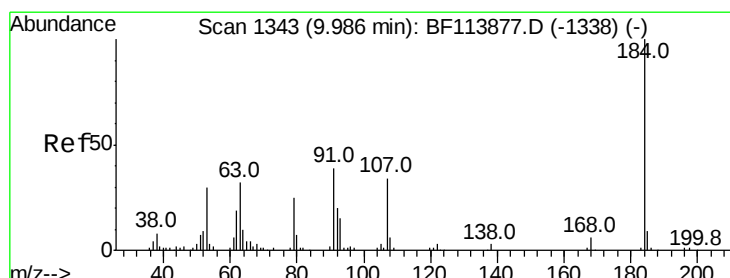
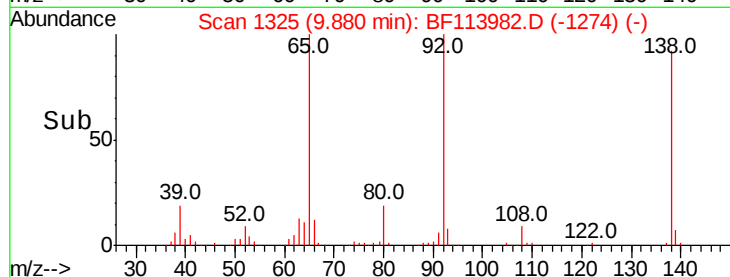
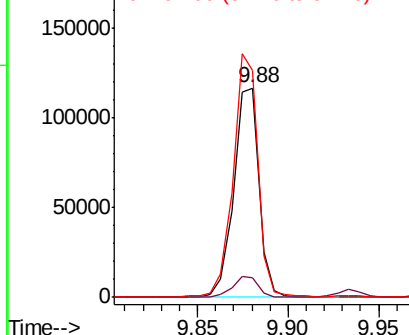
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.2
92	108.3	94.1	141.1

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

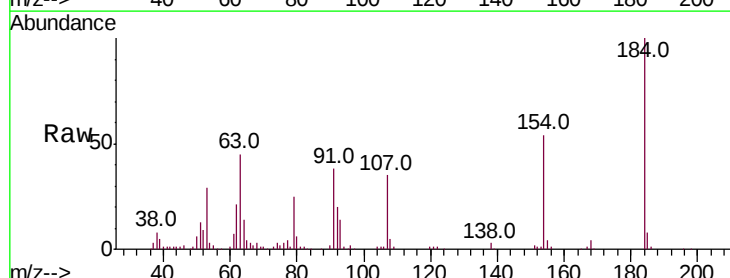


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

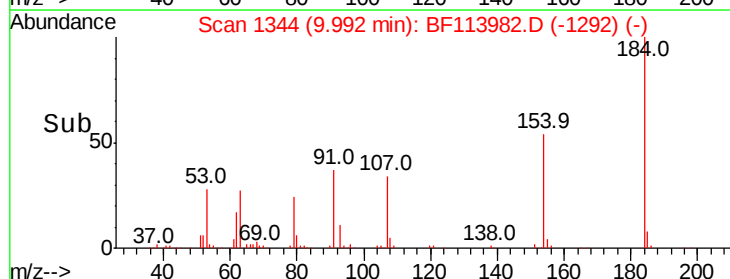
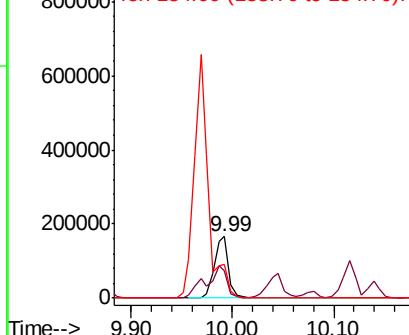


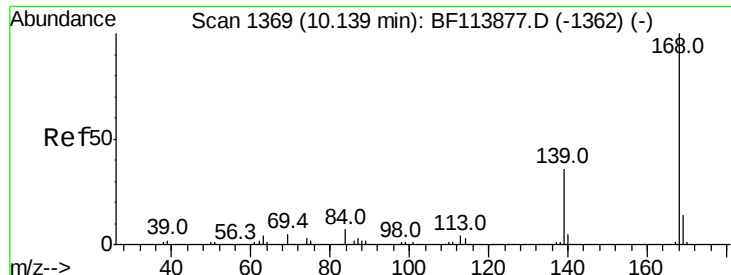
#54
2,4-Dinitrophenol
Concen: 107.867 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.9	54.6	81.8#
154	54.4	218.6	328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





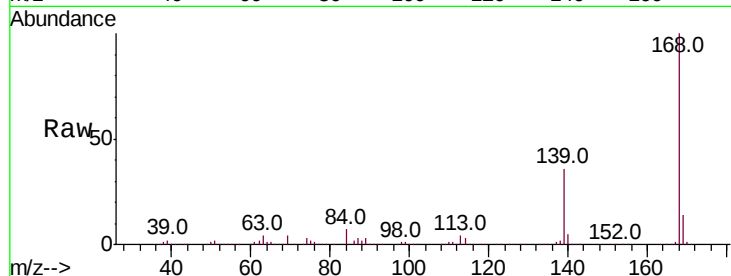
#55
Dibenzenofuran
Concen: 48.728 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

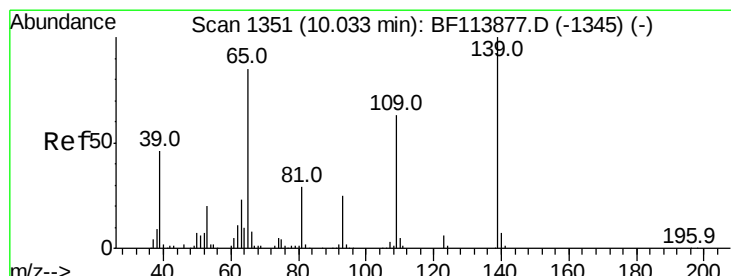
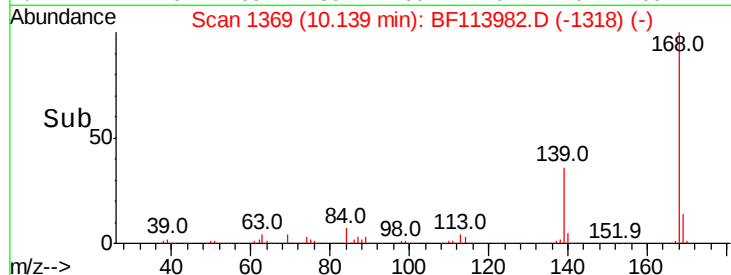
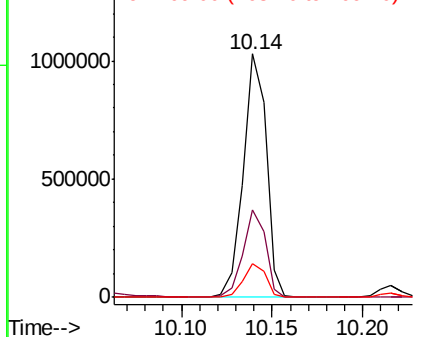
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	27.8	41.6
169	13.7	11.0	16.6

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

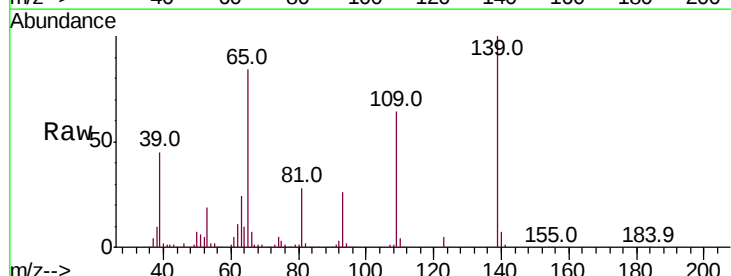


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

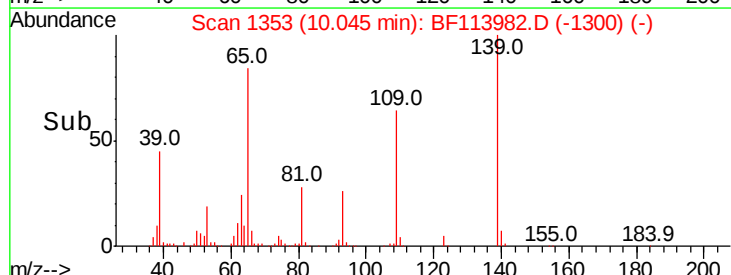
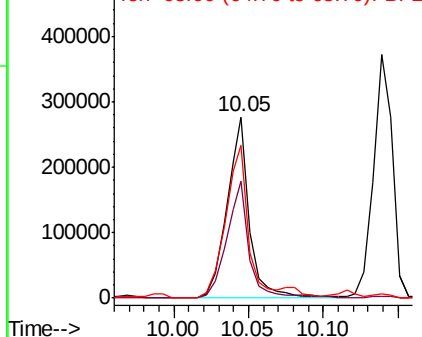


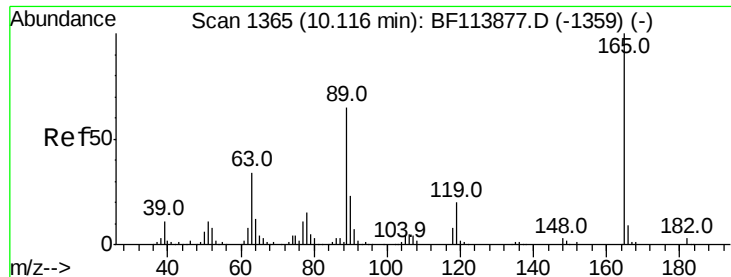
#56
4-Nitrophenol
Concen: 104.908 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.4	42.9	82.9
65	84.5	64.4	104.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





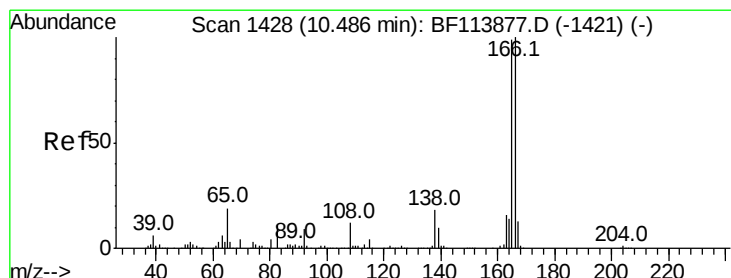
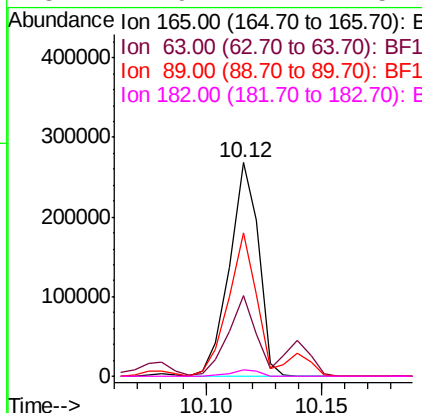
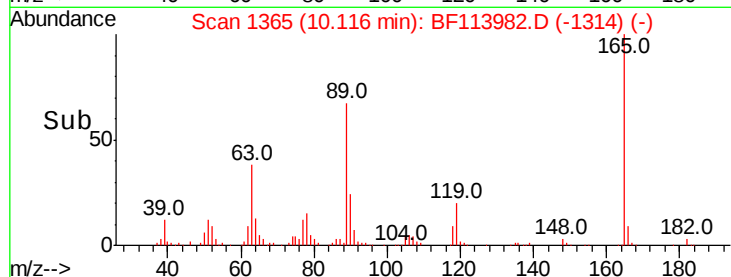
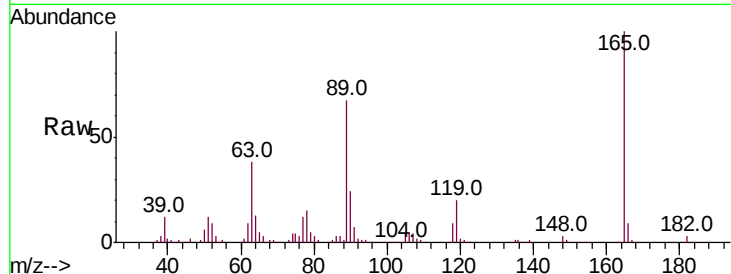
#57
 2,4-Dinitrotoluene
 Concen: 55.624 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	235194		
63	37.8	27.4	41.0	
89	67.0	51.8	77.6	
182	2.9	2.2	3.2	

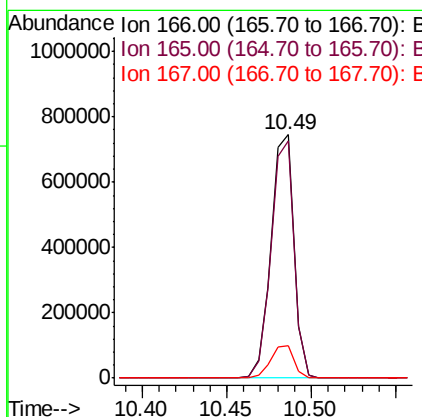
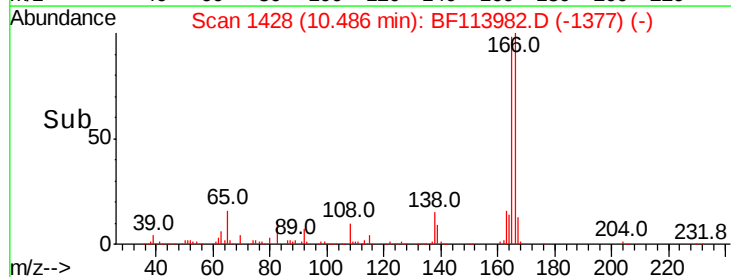
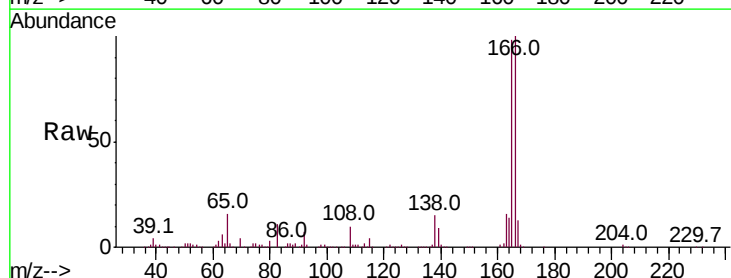
Manual Integrations
 APPROVED

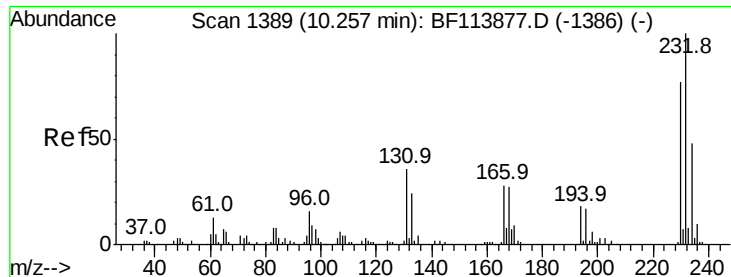
Sohil
 4/29/2019 5:49:50 AM



#58
 Fluorene
 Concen: 49.425 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	691687		
165	97.6	78.4	117.6	
167	13.2	10.9	16.3	





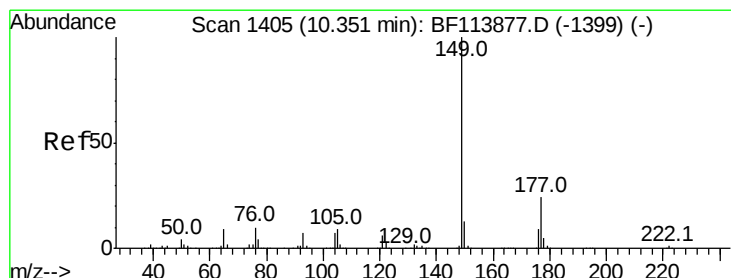
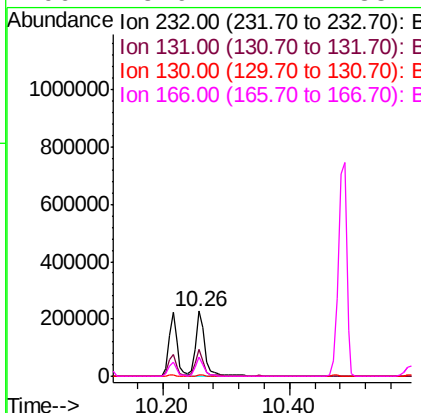
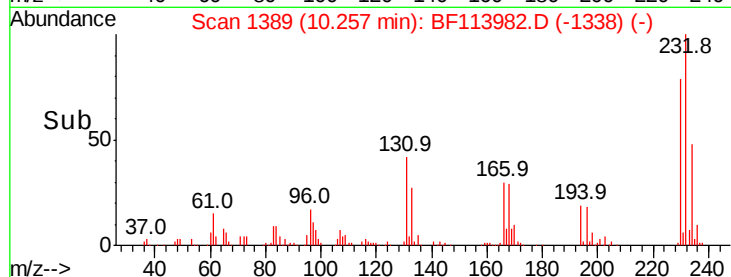
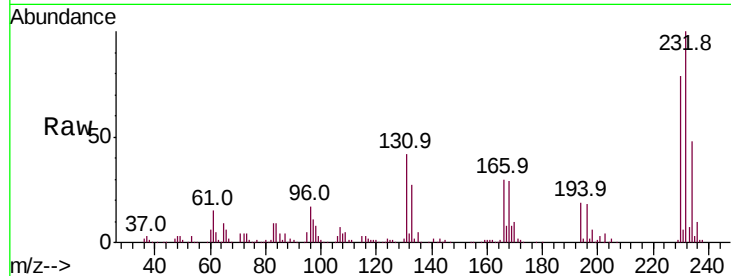
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.276 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	229471		
131	37.7		30.2	45.2
130	1.7		1.5	2.3
166	25.6		22.2	33.4

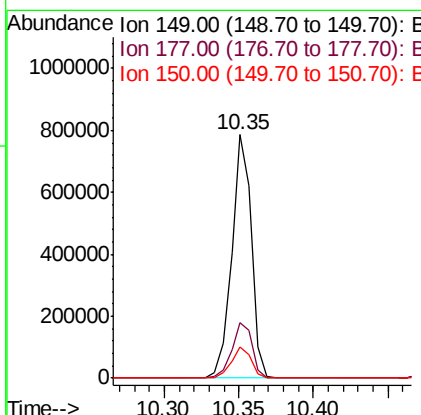
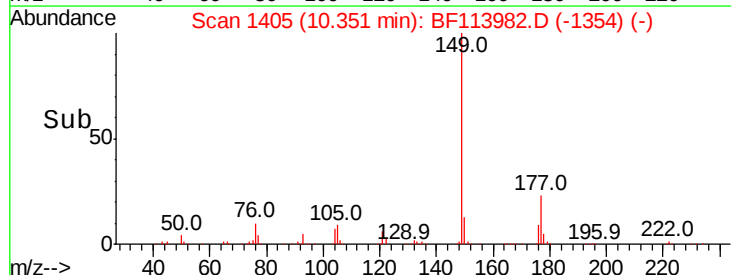
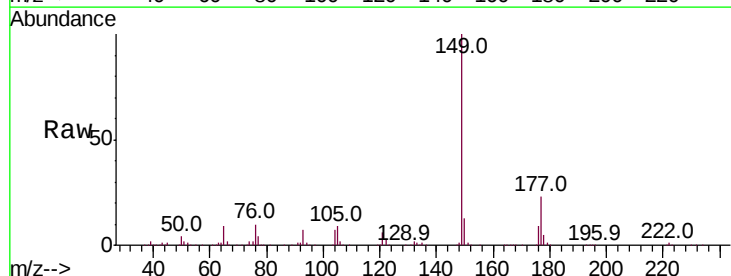
Manual Integrations
 APPROVED

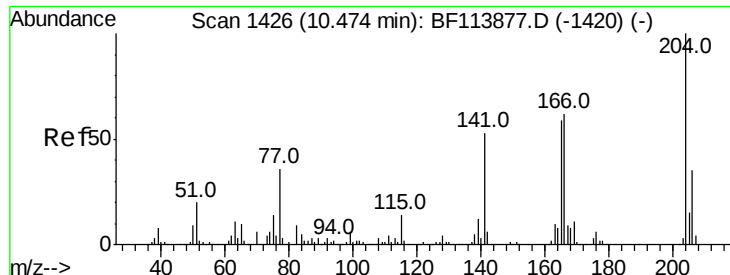
Sohil
 4/29/2019 5:49:50 AM



#60
 Diethylphthalate
 Concen: 49.086 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	727837		
177	23.0		19.2	28.8
150	12.8		10.3	15.5





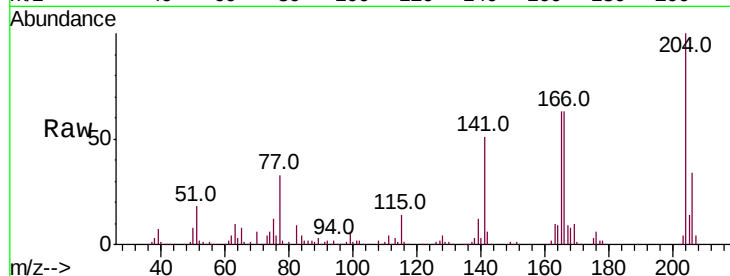
#61
 4-Chlorophenyl-phenylether
 Concen: 48.304 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.4	41.2
141	50.9	42.6	63.8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 5:49:50 AM

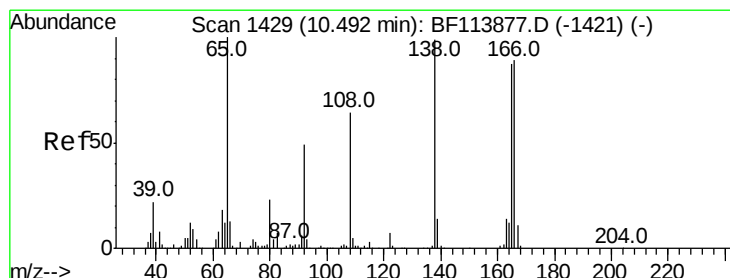
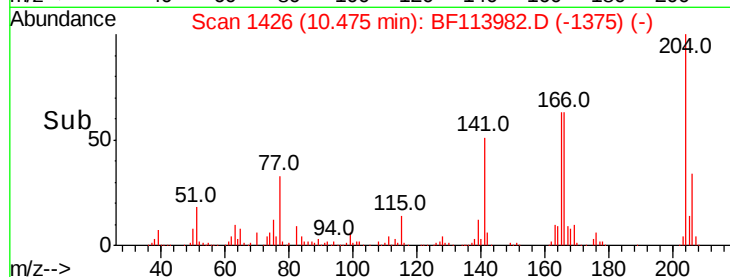
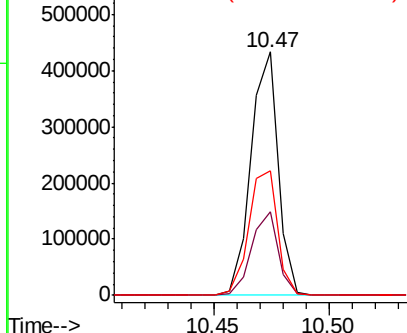


Abundance

Ion 204.00 (203.70 to 204.70): E

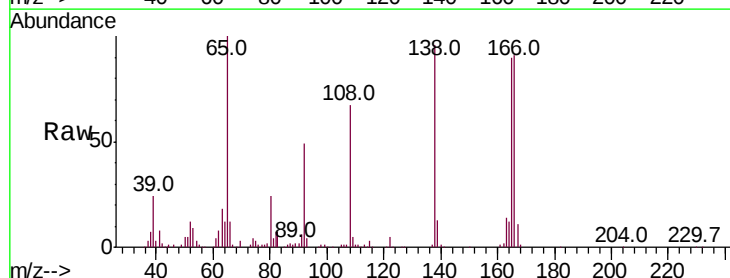
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 52.630 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.3	71.3
108	69.1	48.9	88.9

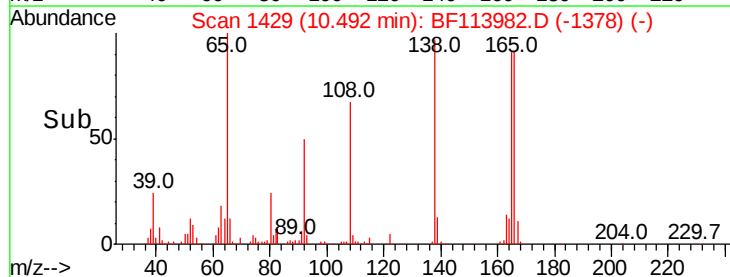
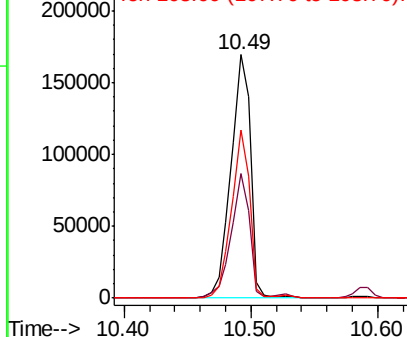


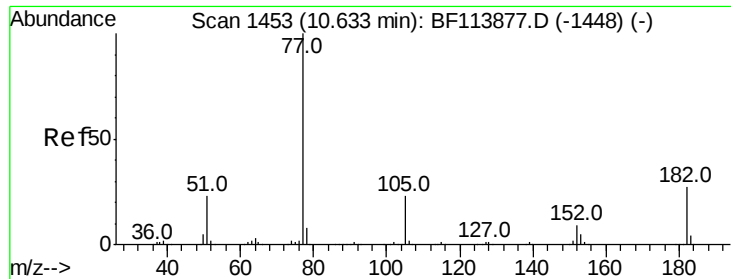
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





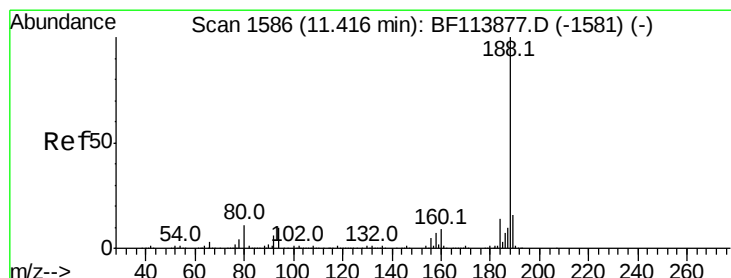
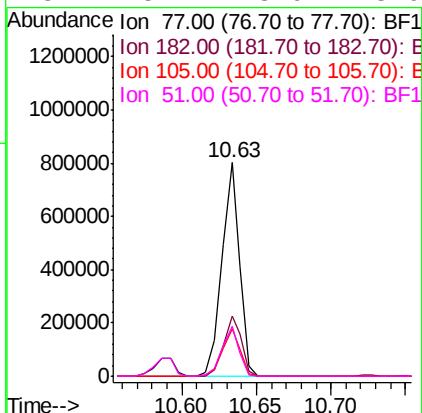
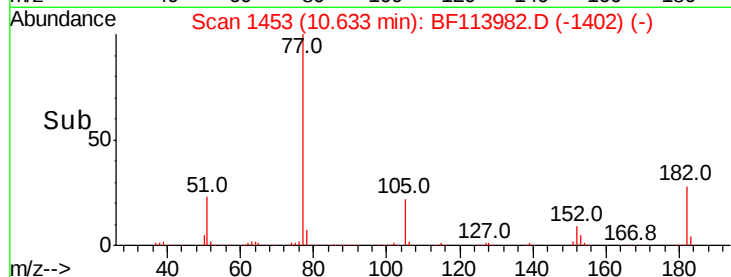
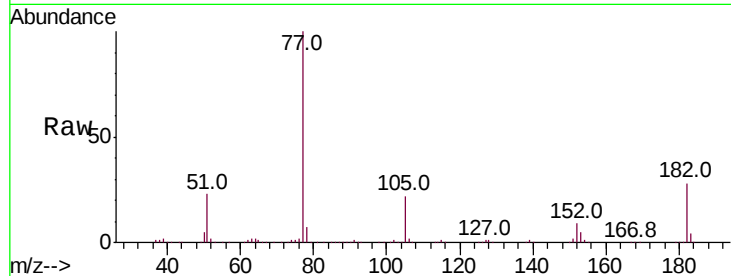
#63
Azobenzene
Concen: 46.800 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	4.4	44.4	
105	22.5	2.2	42.2	
51	23.2	3.9	43.9	

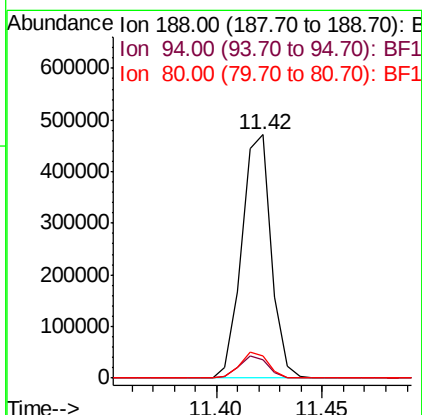
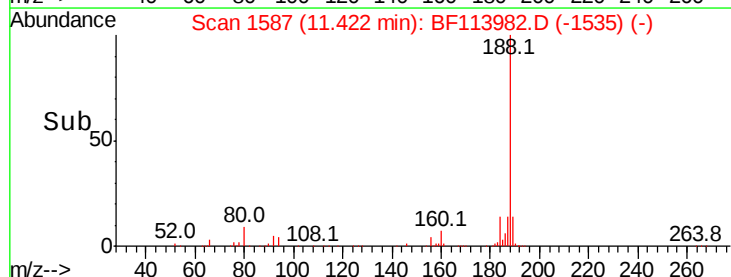
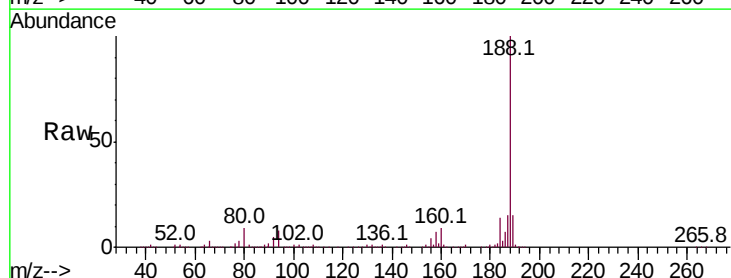
Manual Integrations
APPROVED

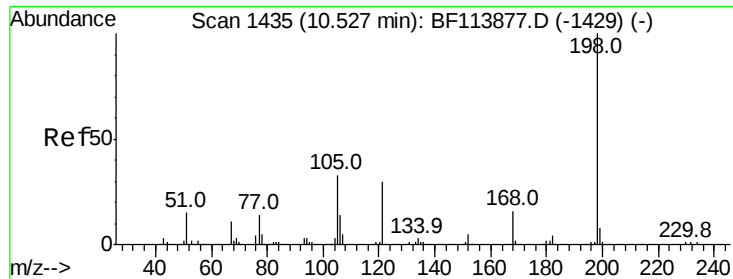
Sohil
4/29/2019 5:49:50 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	8.2	12.4#	
80	9.0	9.0	13.6#	





#65

4,6-Dinitro-2-methylphenol

Concen: 51.040 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

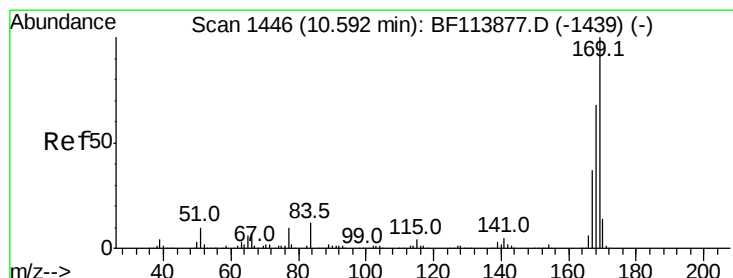
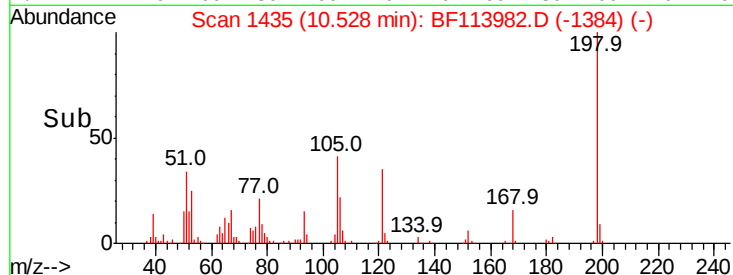
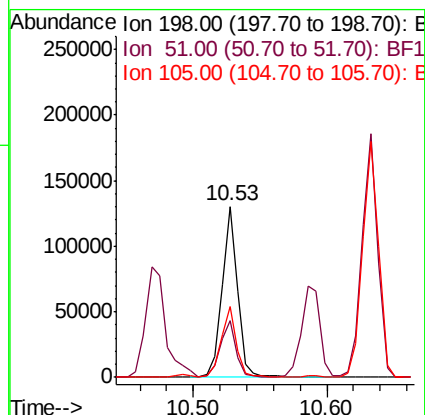
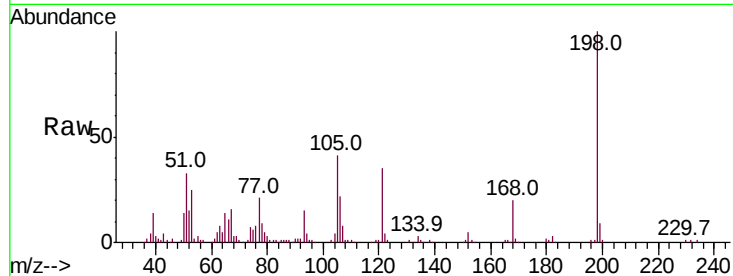
ClientSampled :

RBR200051MSD

Tot Ion:	198	Resp:	107807
Ion Ratio	Lower	Upper	
198	100		
51	33.1	11.1	51.1
105	41.1	20.7	60.7

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#66

n-Nitrosodiphenylamine

Concen: 45.577 ng

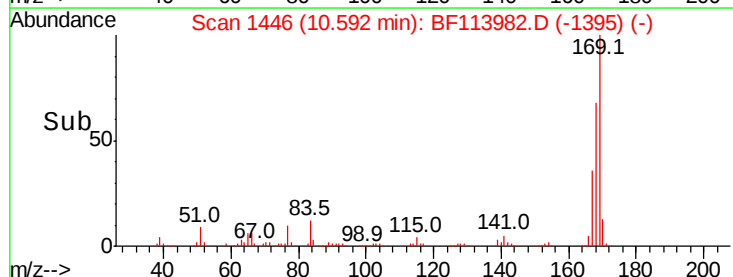
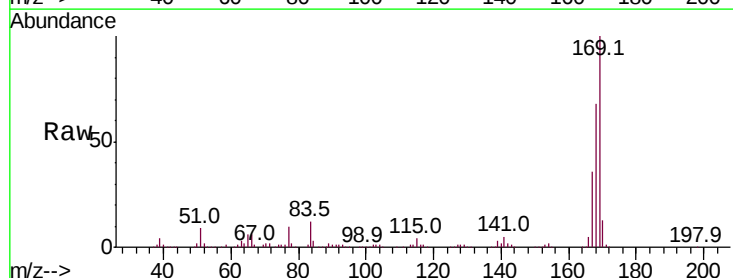
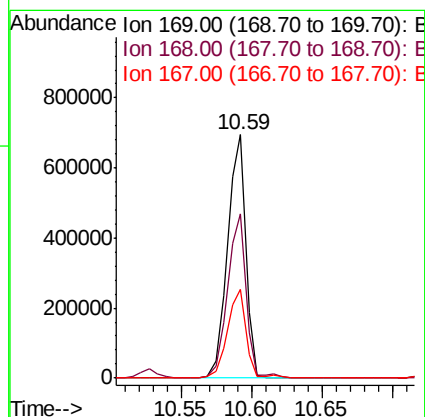
RT: 10.59 min Scan# 1446

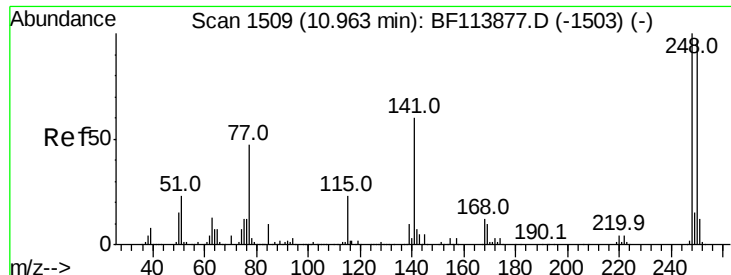
Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	169	Resp:	623539
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.3	81.5
167	36.5	29.4	44.0





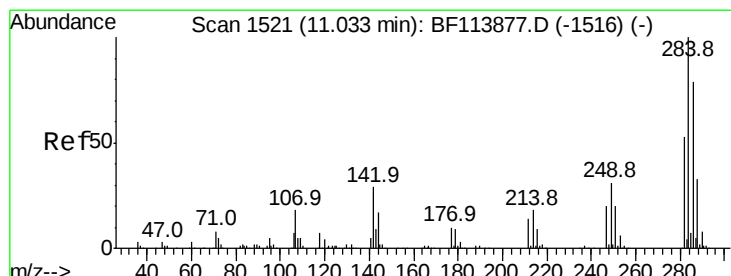
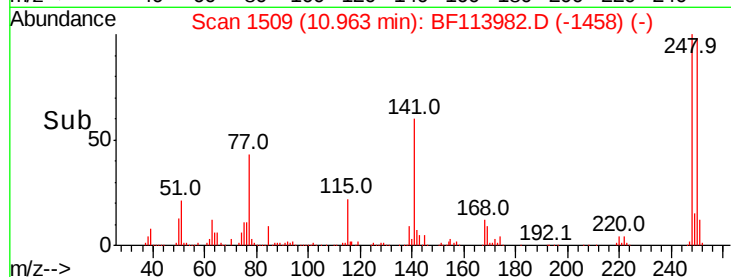
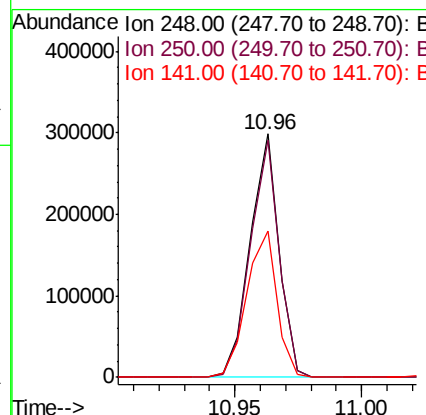
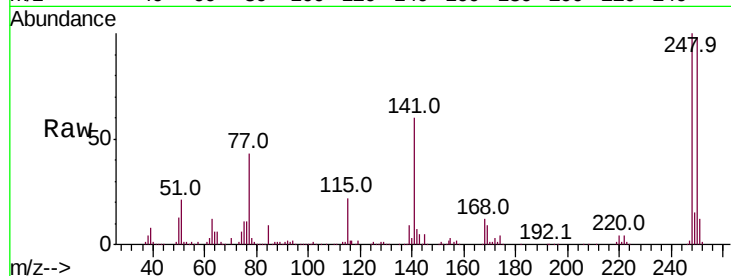
#67
4-Bromophenyl-phenylether
Concen: 42.971 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	75.8	113.6
141	59.9	50.2	75.4

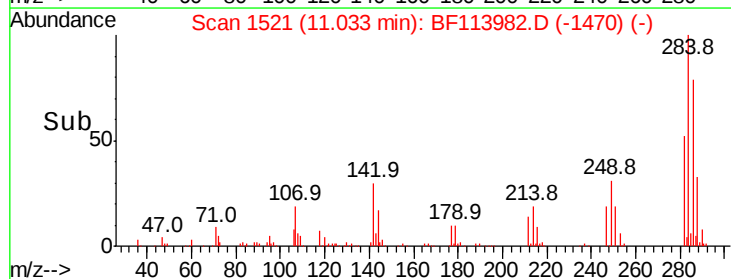
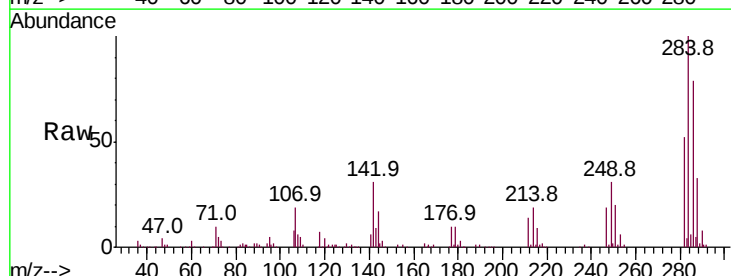
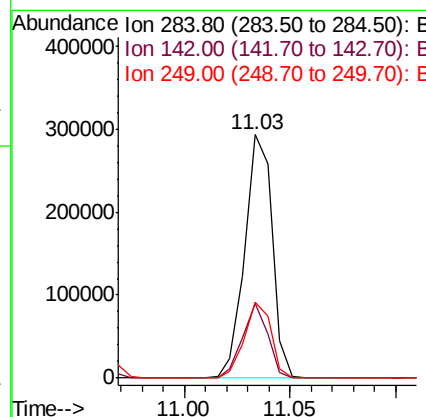
Manual Integrations
APPROVED

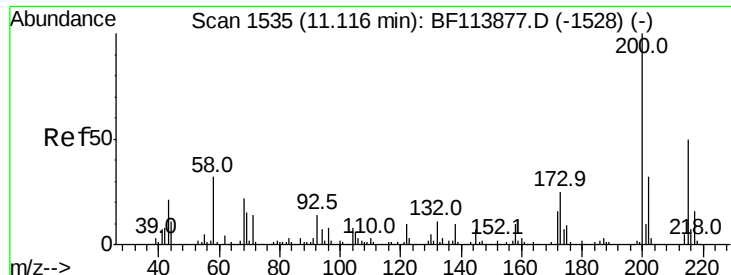
Sohil
4/29/2019 5:49:50 AM



#68
Hexachlorobenzene
Concen: 43.679 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.0	34.4
249	31.2	24.4	36.6





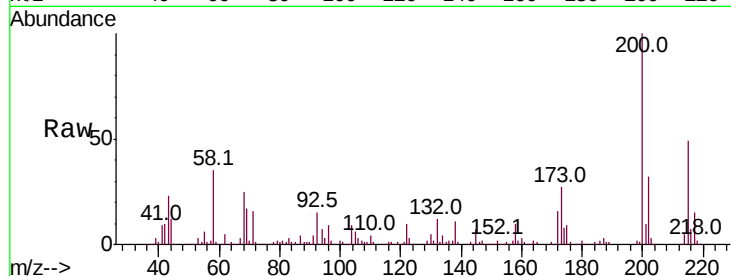
#69
Atrazine
Concen: 49.801 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	221638		
173	26.7	5.9	45.9	
215	49.2	29.3	69.3	

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

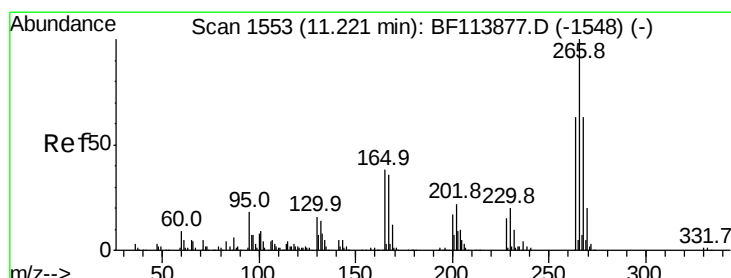
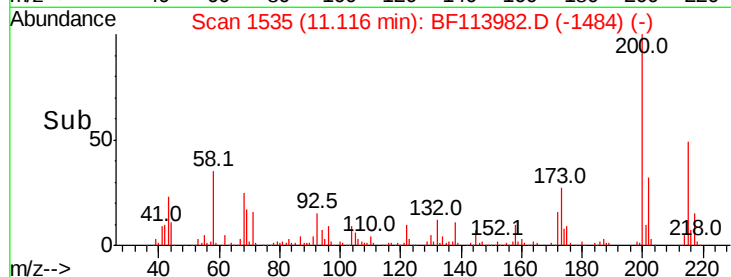
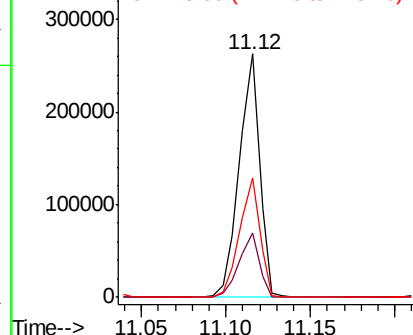


Abundance

Ion 200.00 (199.70 to 200.70): E

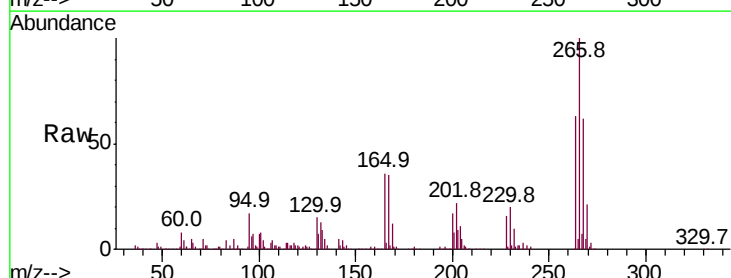
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 93.125 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	319142		
268	62.5	53.5	80.3	
264	63.3	51.0	76.6	

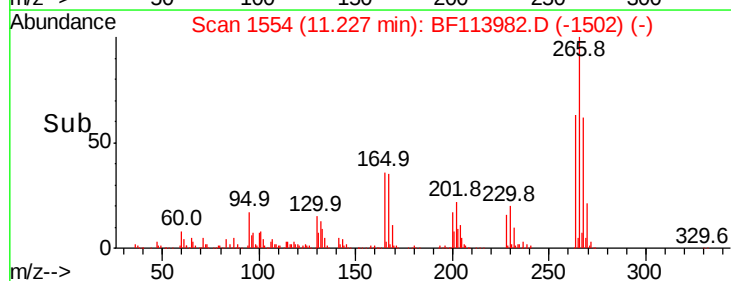
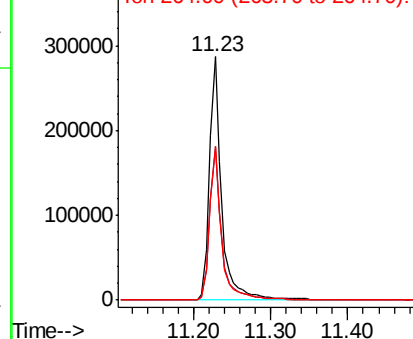


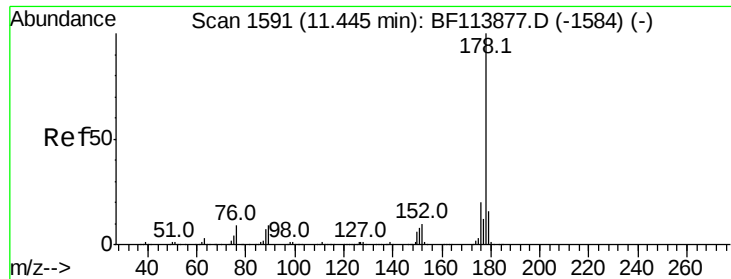
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.123 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

RBR200051MSD

Tot Ion:178 Resp: 1171443

Ion Ratio Lower Upper

178 100

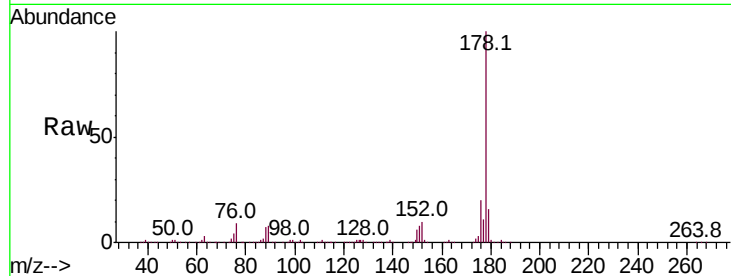
176 19.9 16.1 24.1

179 15.7 12.8 19.2

Manual Integrations
APPROVED

Sohil

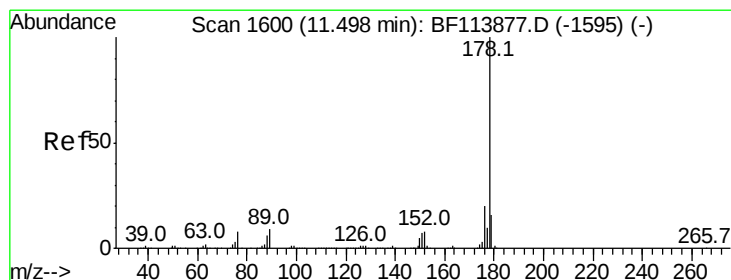
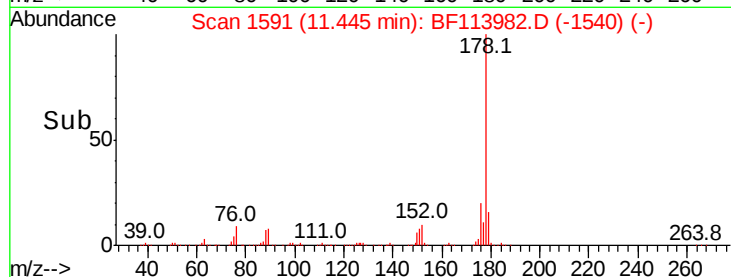
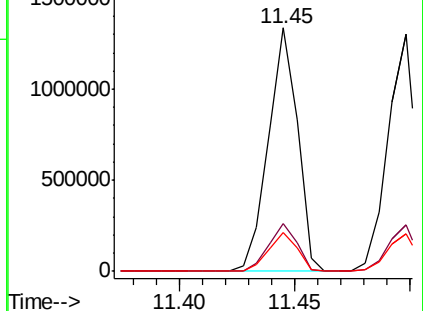
4/29/2019 5:49:50 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.068 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:178 Resp: 1112278

Ion Ratio Lower Upper

178 100

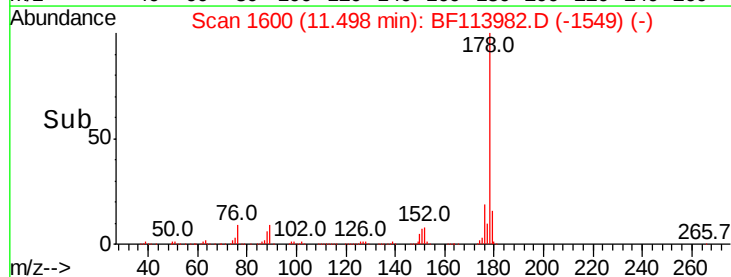
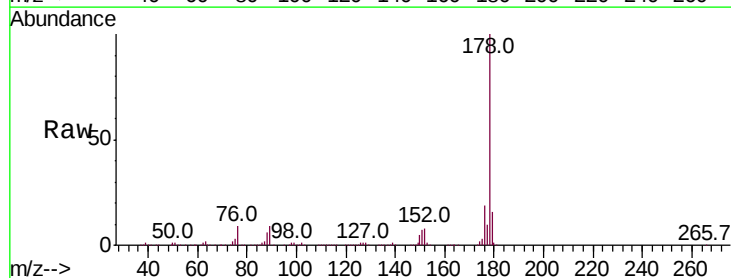
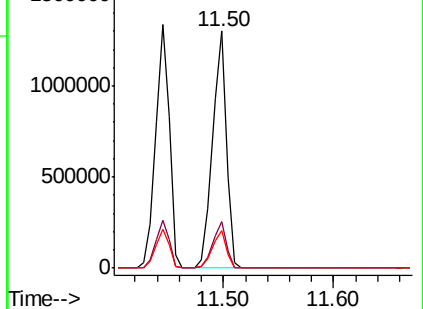
176 19.4 15.7 23.5

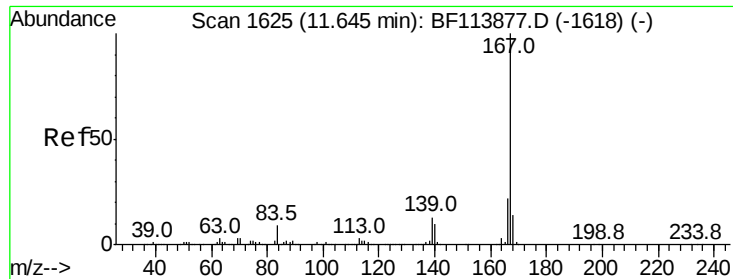
179 16.0 13.0 19.4

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





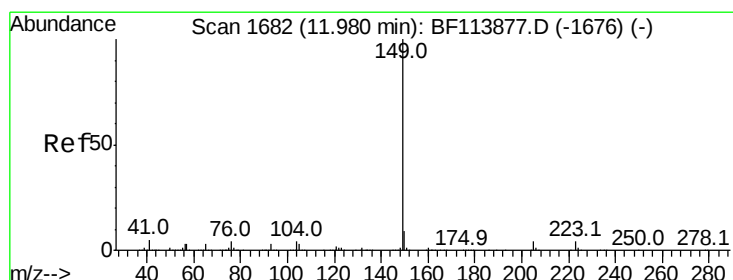
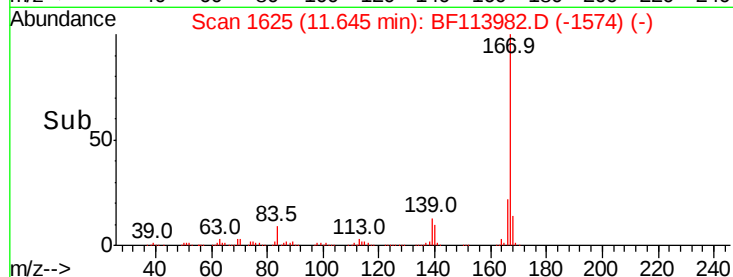
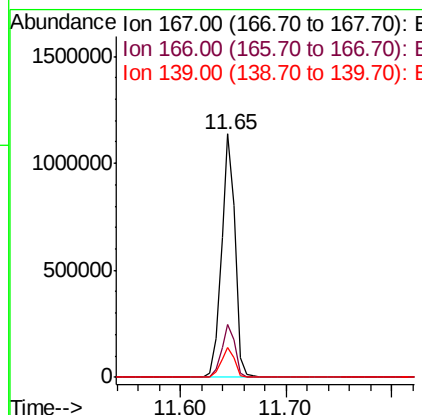
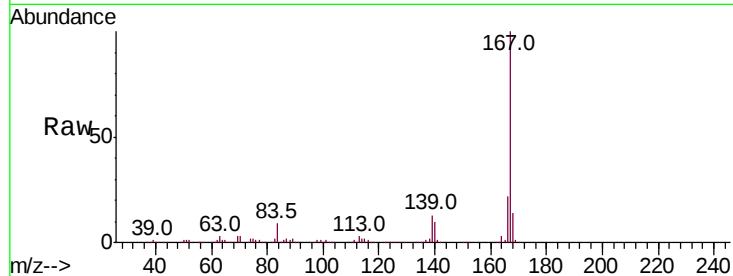
#73
 Carbazole
 Concen: 50.091 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

Tot Ion:167 Resp: 1034070
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 12.5 10.0 15.0

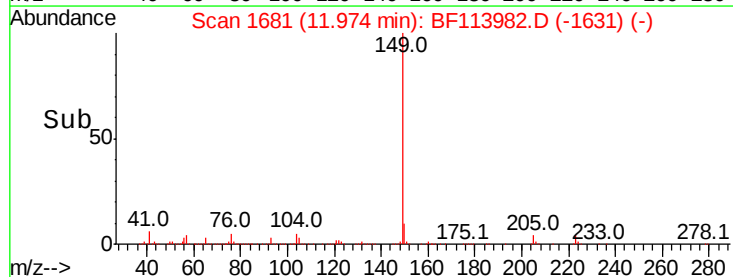
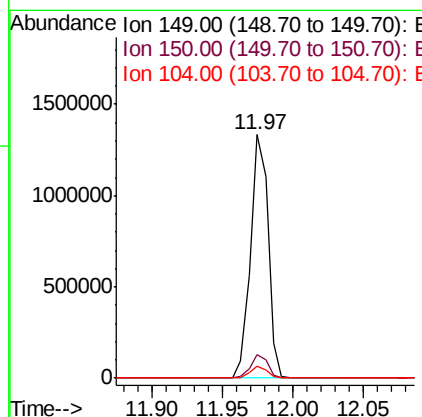
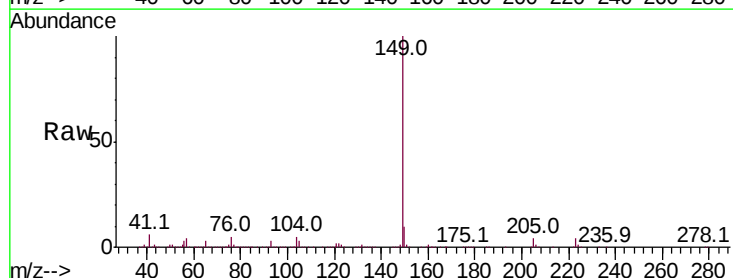
Manual Integrations
 APPROVED

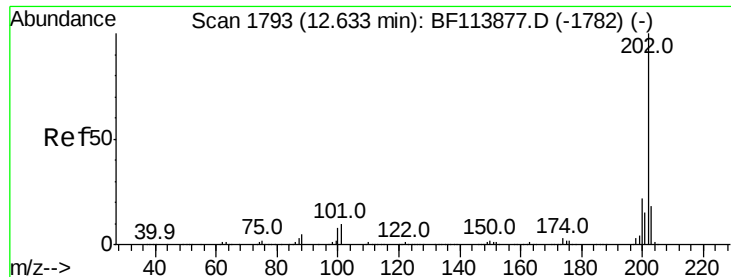
Sohil
 4/29/2019 5:49:50 AM



#74
 Di-n-butylphthalate
 Concen: 48.101 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion:149 Resp: 1168077
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 52.330 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

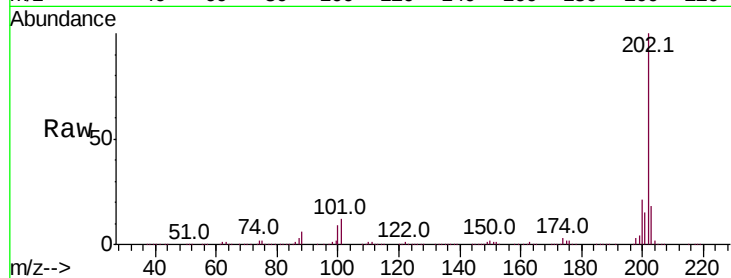
ClientSampleId :

RBR200051MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.9
203	18.0	0.0	38.2

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM

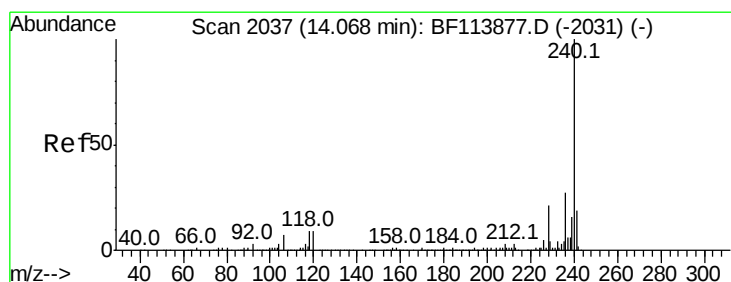
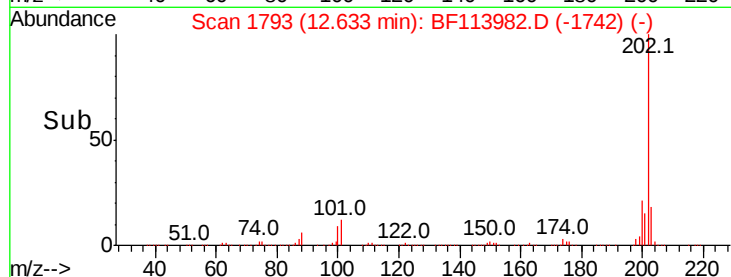
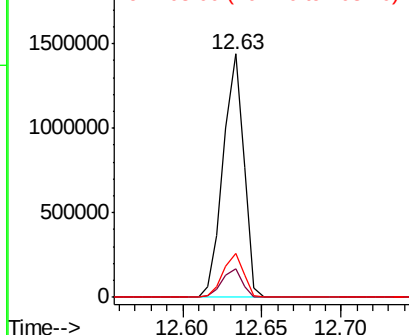


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

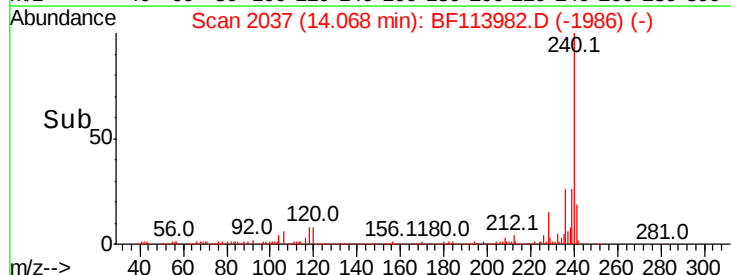
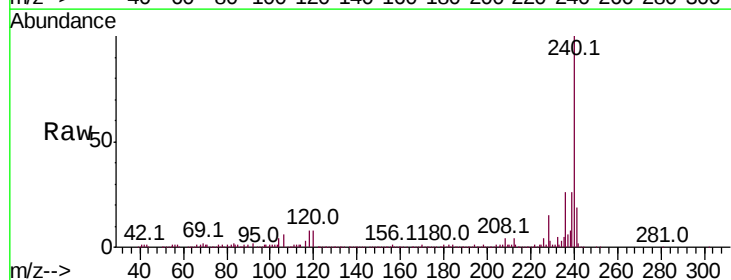
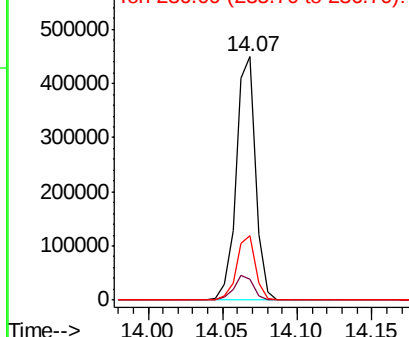
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.3	13.9#
236	26.2	21.2	31.8

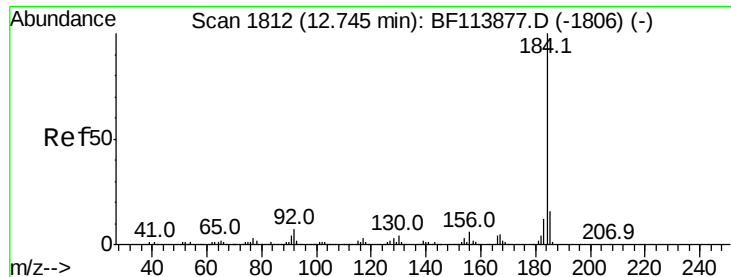
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.289 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

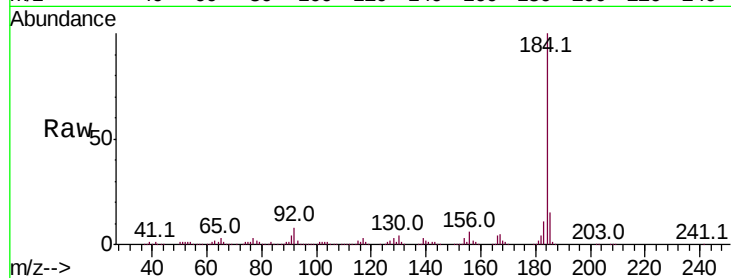
ClientSampleId :

RBR200051MSD

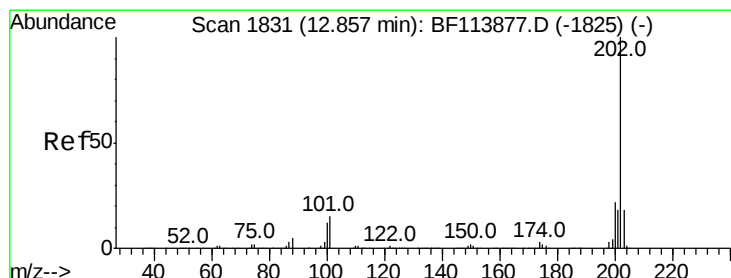
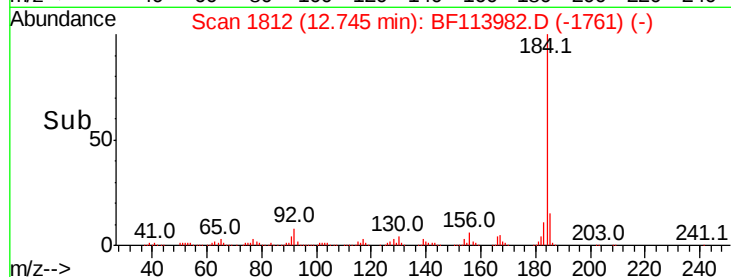
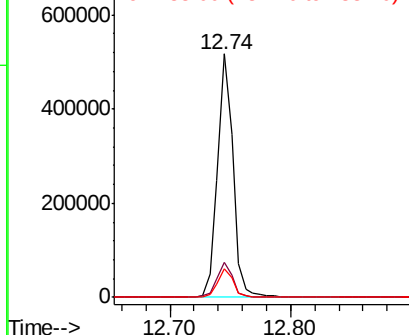
Tot Ion:	184	Resp:	455354
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	11.5	9.4	14.0

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.607 ng

RT: 12.86 min Scan# 1832

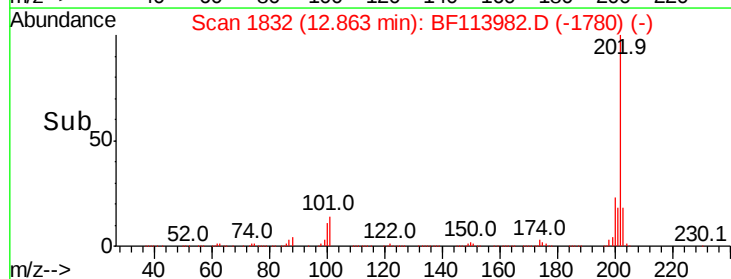
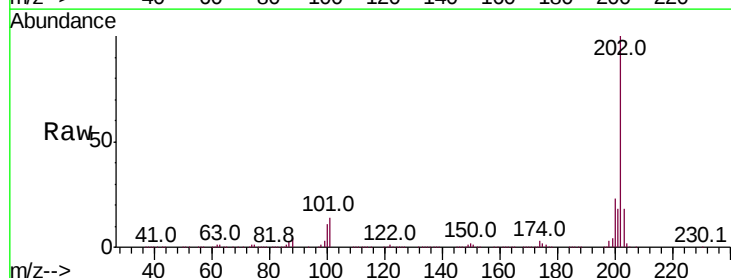
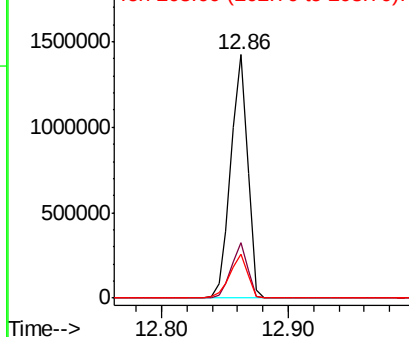
Delta R.T. 0.01 min

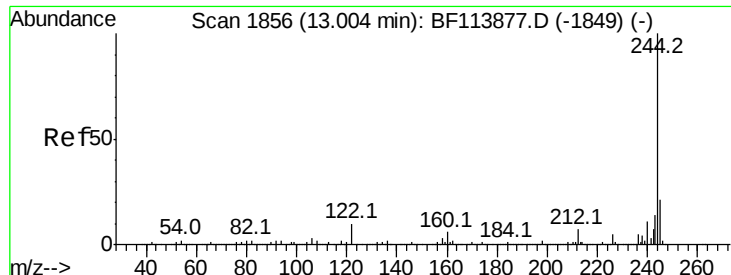
Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	202	Resp:	1307152
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	18.2	15.0	22.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.914 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

RBR200051MSD

Tot Ion:244 Resp: 1617560

Ion Ratio Lower Upper

244 100

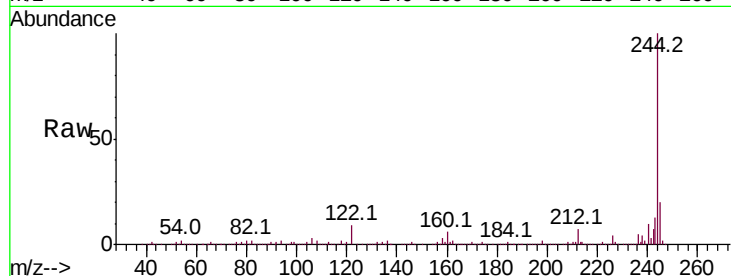
212 6.9 5.4 8.2

122 9.3 7.6 11.4

Manual Integrations
APPROVED

Sohil

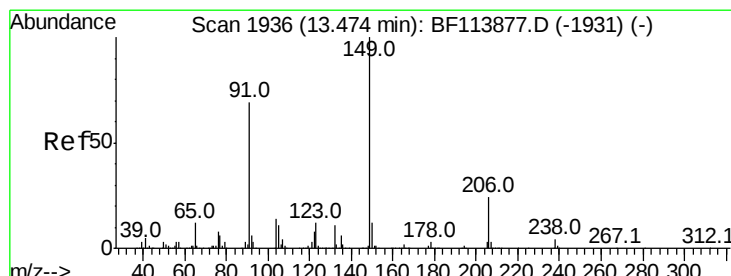
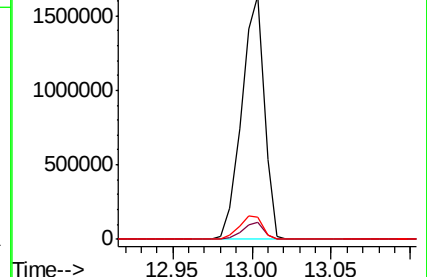
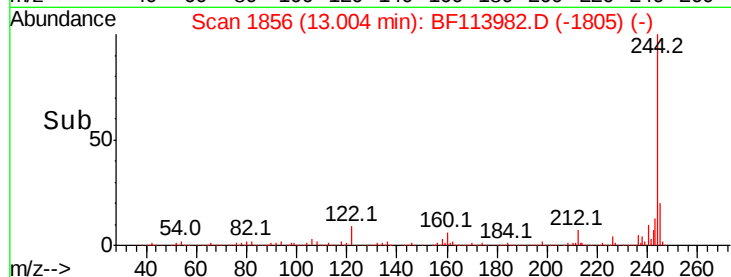
4/29/2019 5:49:50 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.596 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

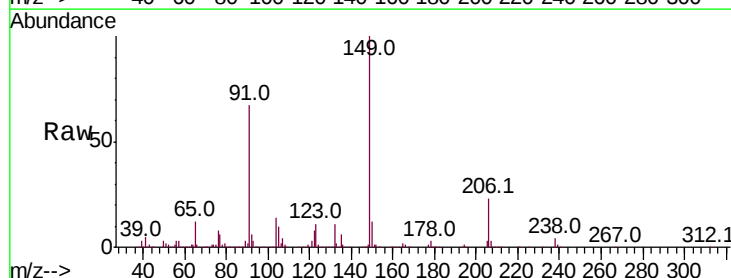
Tgt Ion:149 Resp: 536717

Ion Ratio Lower Upper

149 100

91 67.3 56.3 84.5

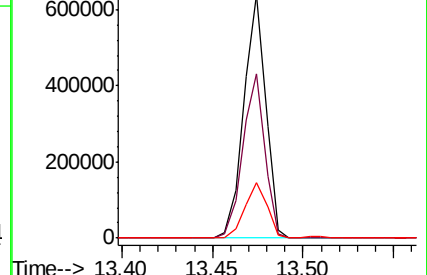
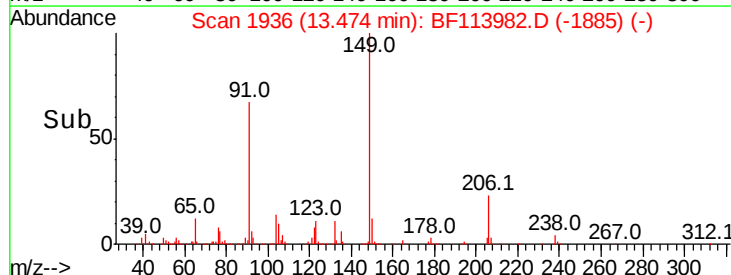
206 22.9 19.0 28.6

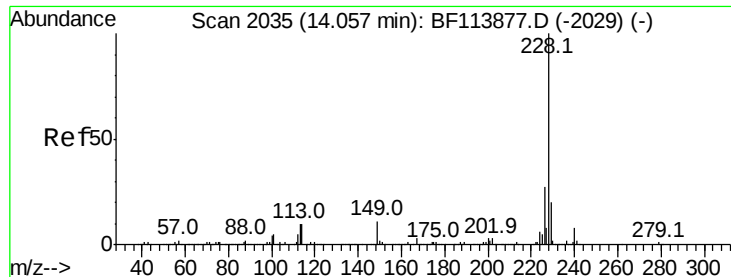


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.137 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

RBR200051MSD

Tot Ion:228 Resp: 1186523

Ion Ratio Lower Upper

228 100

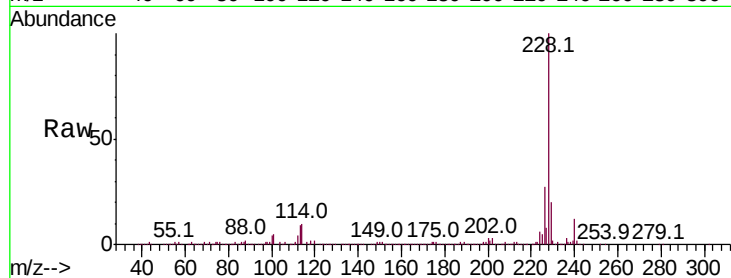
226 27.4 22.2 33.2

229 20.1 16.0 24.0

Manual Integrations
APPROVED

Sohil

4/29/2019 5:49:50 AM

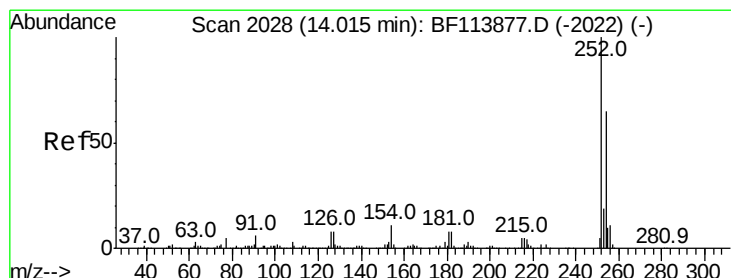
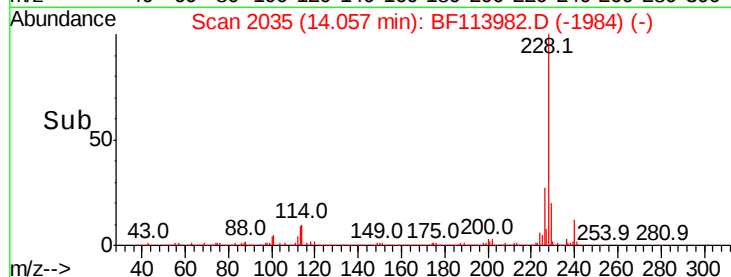
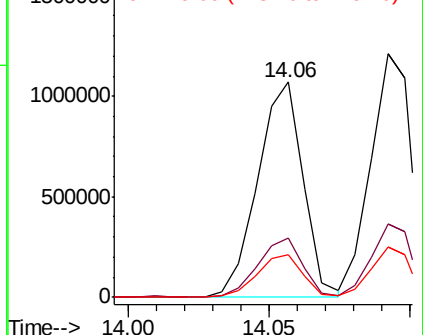


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.737 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

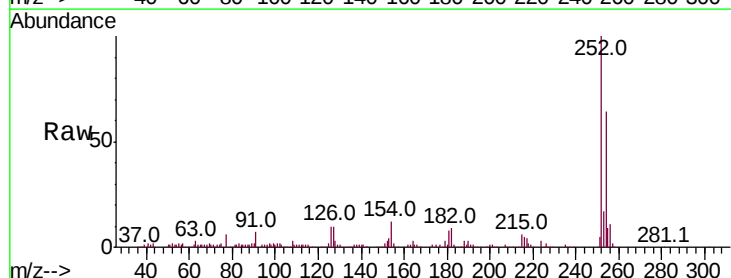
Tgt Ion:252 Resp: 316298

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 9.9 9.3 13.9

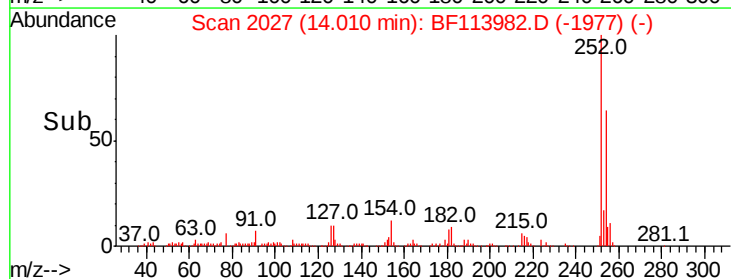
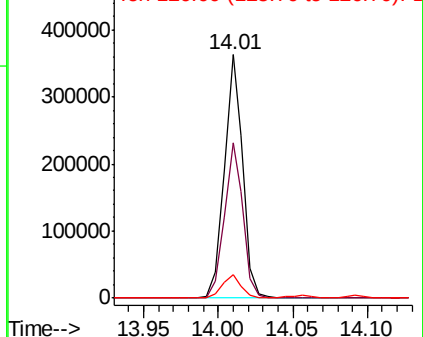


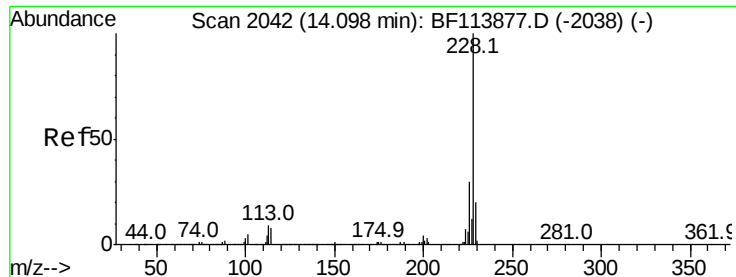
Abundance

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





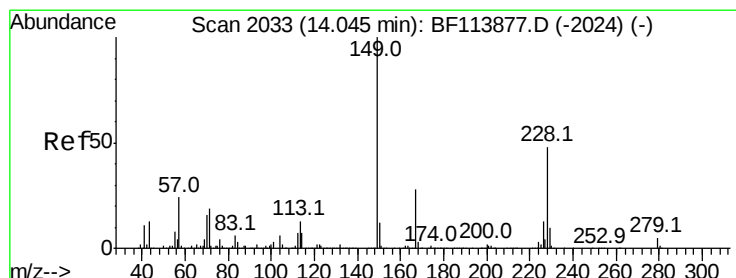
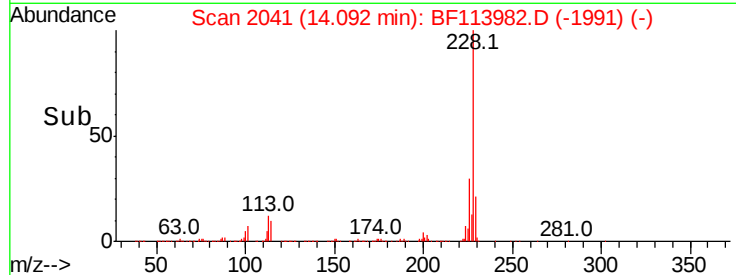
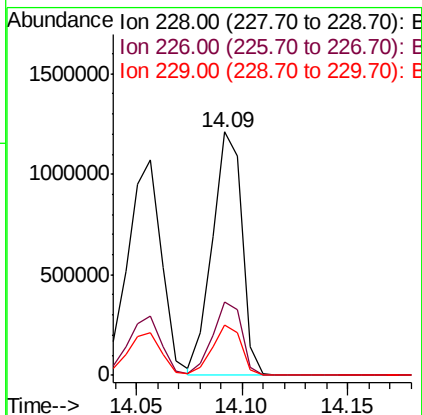
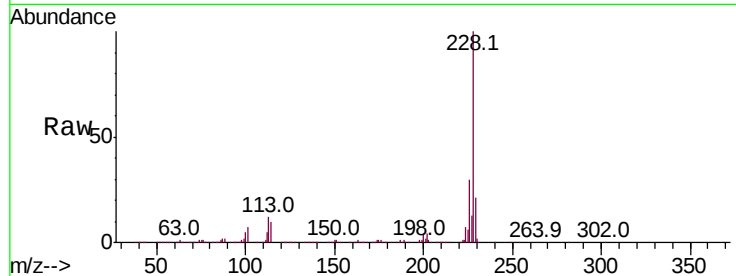
#83
 Chrvsene
 Concen: 50.306 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	20.6	16.7	25.1

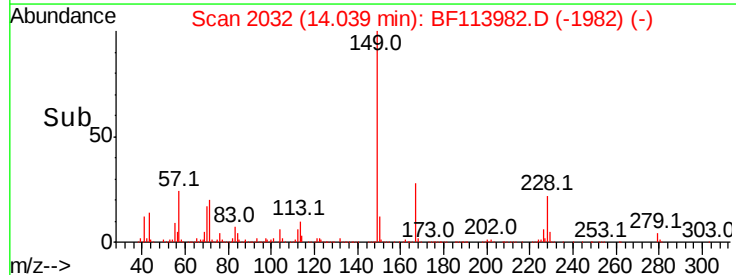
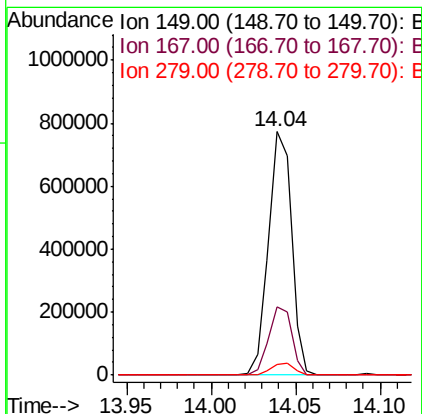
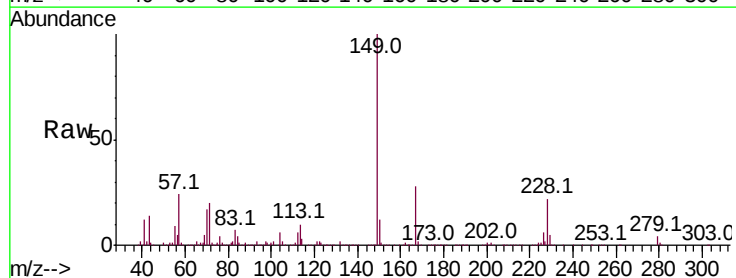
Manual Integrations
 APPROVED

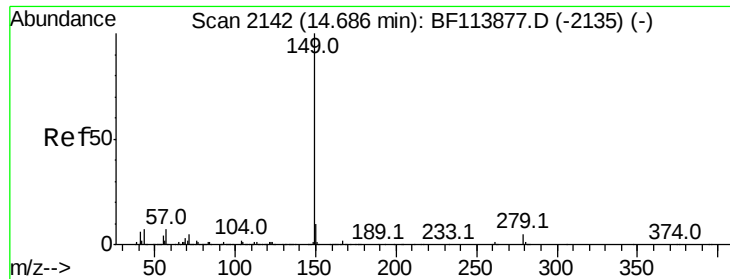
Sohil
 4/29/2019 5:49:50 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.181 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF113982.D
 Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	4.2	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 57.000 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

ClientSampleId :

RBR200051MSD

Tot Ion:149 Resp: 1280048

Ion Ratio Lower Upper

149 100

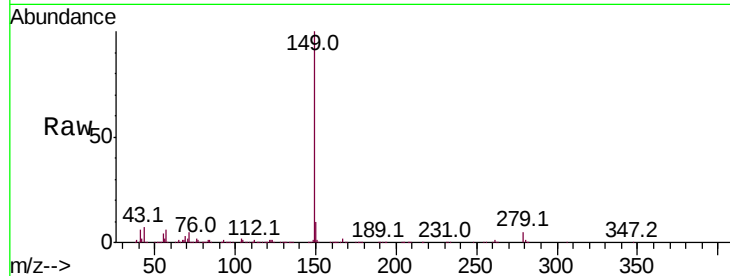
167 1.7 1.3 1.9

43 7.6 6.6 10.0

Manual Integrations
APPROVED

Sohil

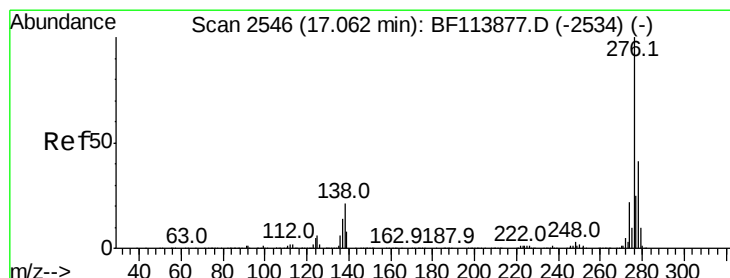
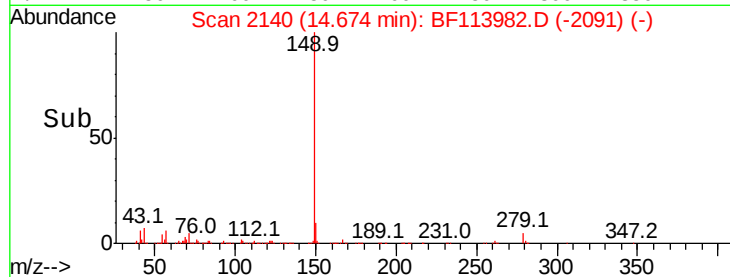
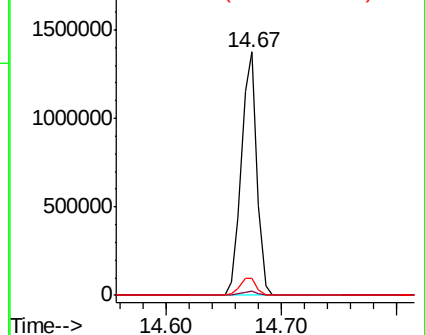
4/29/2019 5:49:50 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.168 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

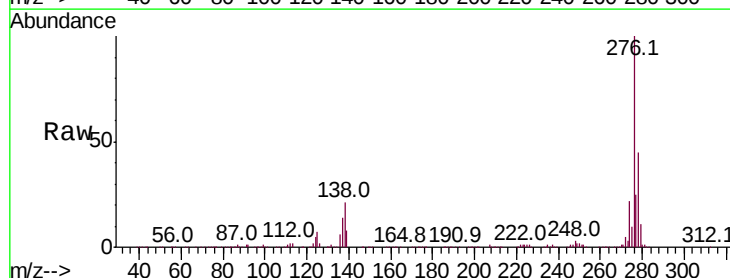
Tgt Ion:276 Resp: 1162100

Ion Ratio Lower Upper

276 100

138 22.8 19.6 29.4

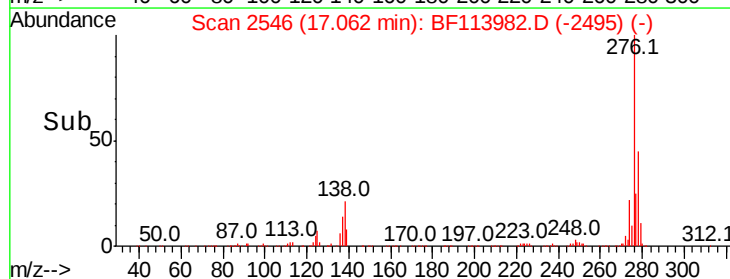
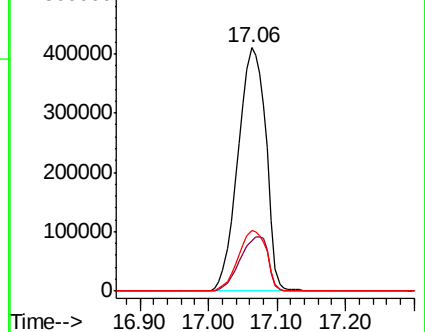
277 25.4 20.2 30.4

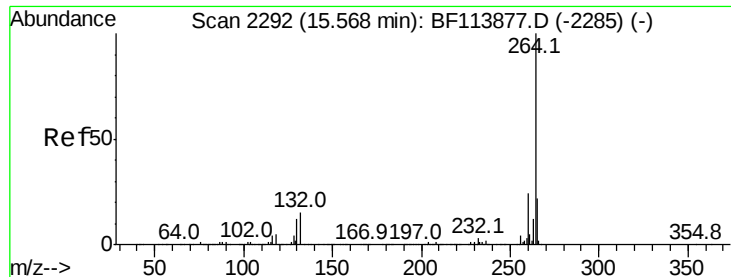


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

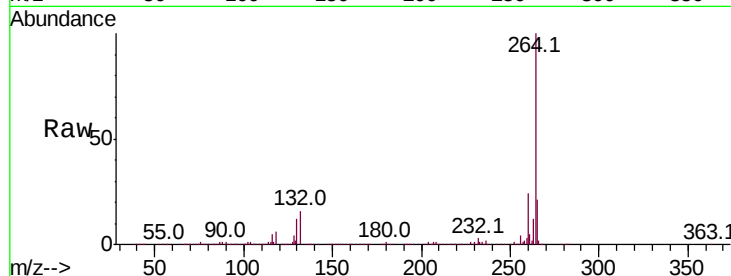
ClientSampleId :

RBR200051MSD

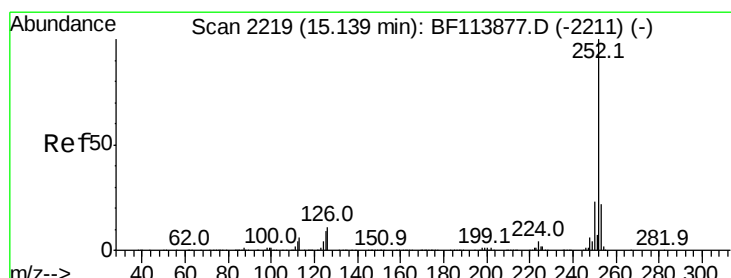
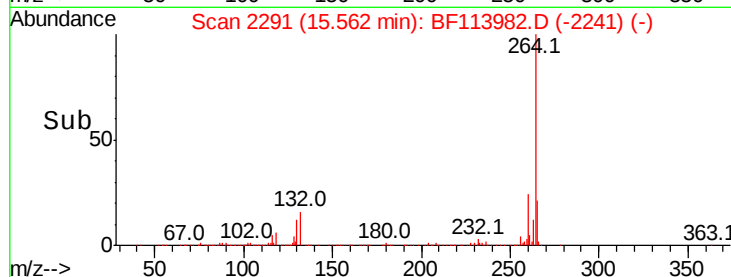
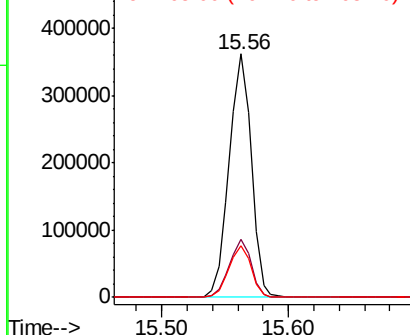
Tot Ion:	264	Resp:	437188
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	21.4	17.3	25.9

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



Abundance Ion 264.00 (263.70 to 264.70): E
500000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.842 ng

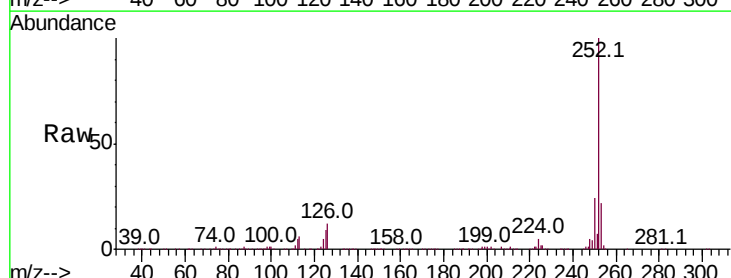
RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

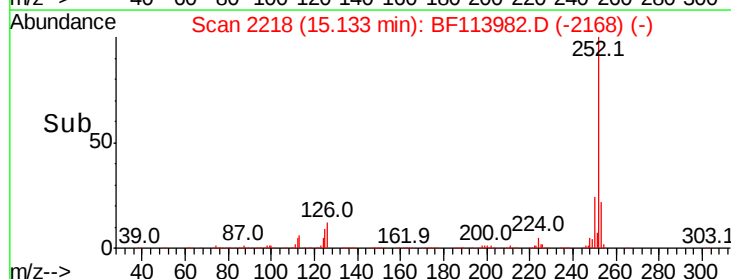
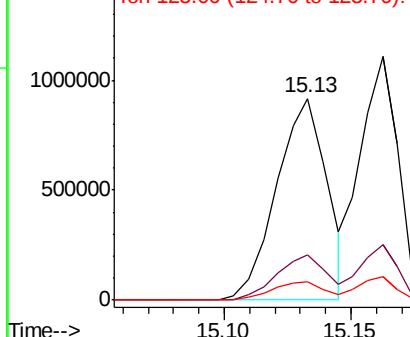
Lab File: BF113982.D

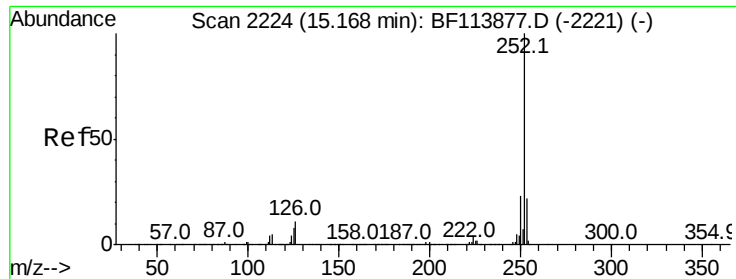
Acq: 25 Apr 2019 17:24

Tgt Ion:	252	Resp:	1268019
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.4	7.0	10.6



Abundance Ion 252.00 (251.70 to 252.70): E
1500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.398 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Instrument :

BNA_F

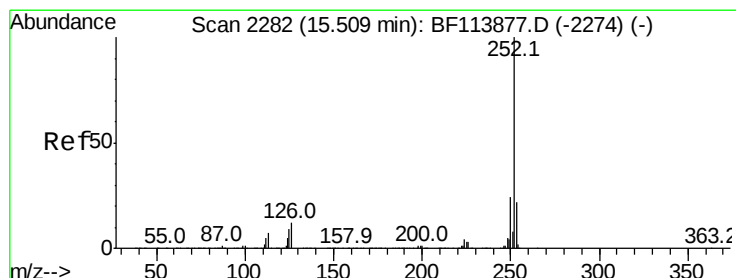
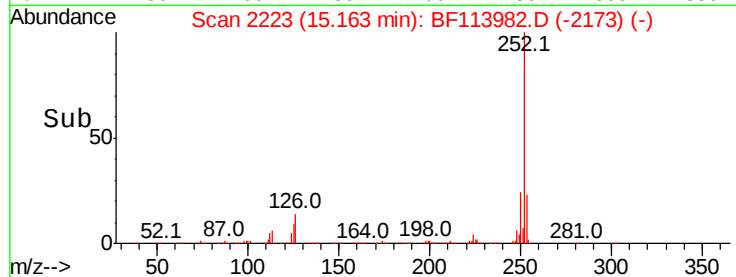
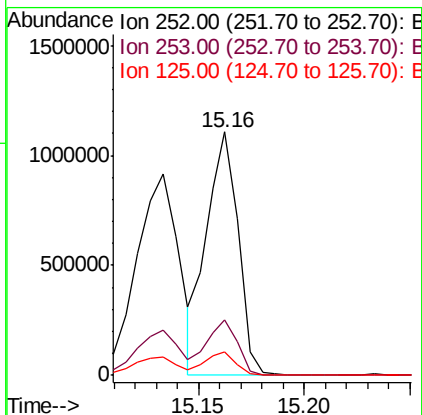
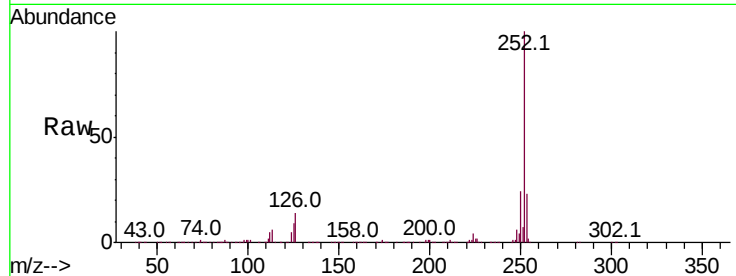
ClientSampleId :

RBR200051MSD

Tot Ion:	252	Resp:	1151542
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	9.5	7.4	11.2

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



#90

Benzo(a)pyrene

Concen: 48.589 ng

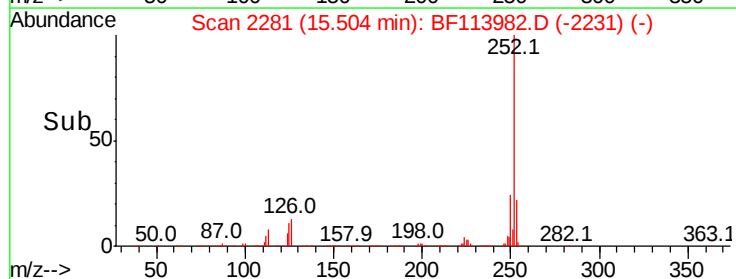
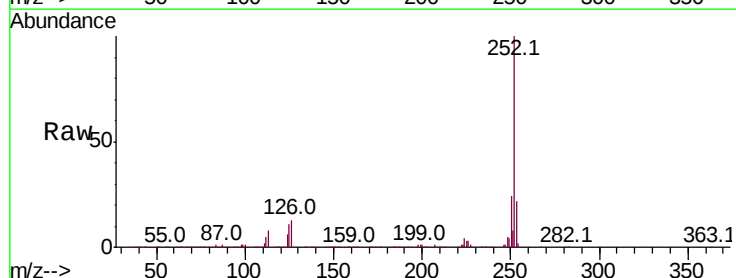
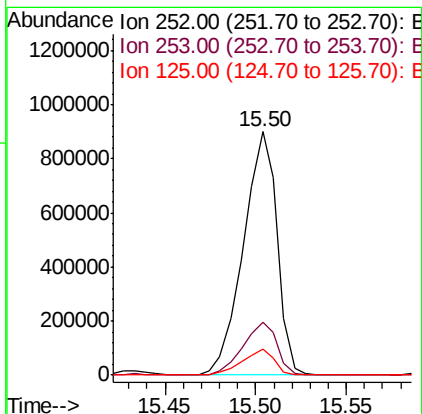
RT: 15.50 min Scan# 2281

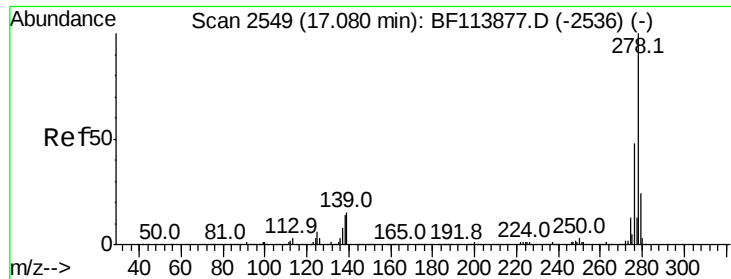
Delta R.T. -0.01 min

Lab File: BF113982.D

Acq: 25 Apr 2019 17:24

Tgt Ion:	252	Resp:	1162505
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	10.6	8.5	12.7





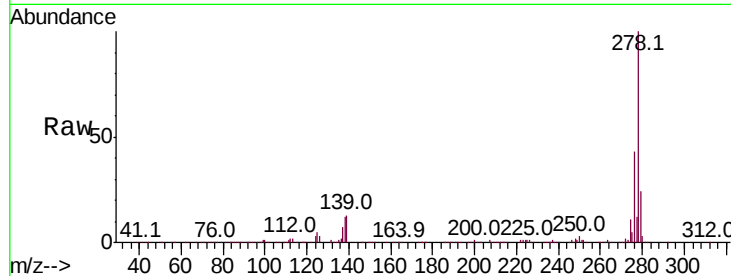
#91
Dibenzo(a,h)anthracene
Concen: 43.372 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Instrument :
BNA_F
ClientSampleId :
RBR200051MSD

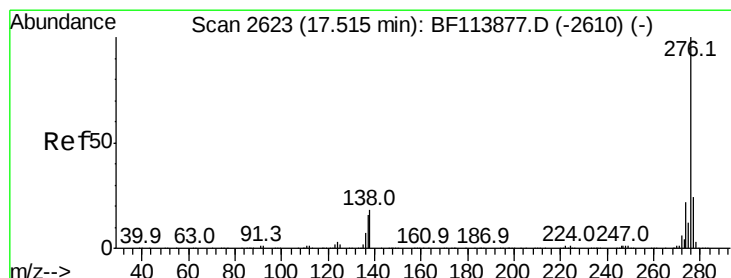
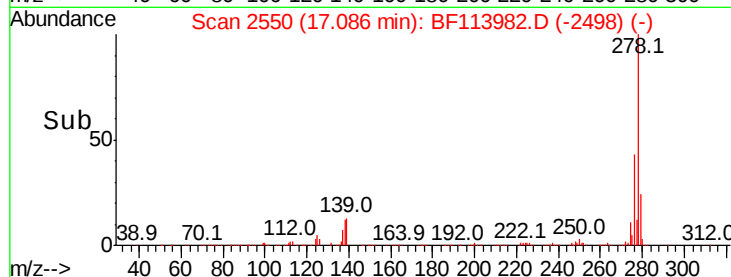
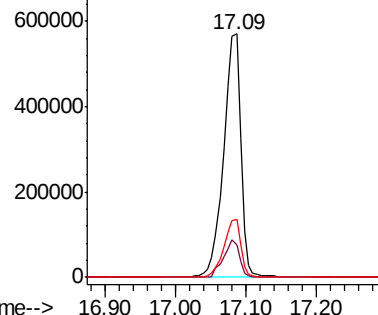
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.6	17.4
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:50 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.731 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF113982.D
Acq: 25 Apr 2019 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	20.2	16.6	25.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

