

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113560.D
 Acq On : 3 Apr 2019 23:15
 Operator : JU/SJ
 Sample : K2190-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Manual Integrations
 APPROVED

Sohil
 4/4/2019 10:57:52 AM

Quant Time: Apr 04 05:48:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121450	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	404483	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	163225	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	293140	20.00	ng	0.00
76) Chrysene-d12	13.84	240	300540	20.00	ng	0.00
87) Perylene-d12	15.25	264	292428	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	750664	105.40	ng	0.02
7) Phenol-d6	6.34	99	863964	98.42	ng	0.00
23) Nitrobenzene-d5	7.25	82	579836	83.97	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	230180	117.40	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1024133	101.01	ng	0.00
79) Terphenyl-d14	12.79	244	1054971	71.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	121371	35.980	ng	# 83
3) Pyridine	3.18	79	134668	15.255	ng	94
4) n-Nitrosodimethylamine	3.06	42	129218	34.451	ng	91
6) Aniline	6.36	93	45163	4.245	ng	# 1
8) 2-Chlorophenol	6.47	128	294124	35.693	ng	99
9) Benzaldehyde	6.23	77	194435	37.252	ng	100
10) Phenol	6.35	94	299382	29.862	ng	# 70
11) bis(2-Chloroethyl)ether	6.43	93	291878	37.426	ng	99
12) 1,3-Dichlorobenzene	6.63	146	327703	36.928	ng	98
13) 1,4-Dichlorobenzene	6.70	146	330744	36.882	ng	99
14) 1,2-Dichlorobenzene	6.86	146	306797	37.902	ng	99
15) Benzyl Alcohol	6.83	79	216662	36.503	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	455807	37.549	ng	94
17) 2-Methylphenol	6.96	107	220545	34.536	ng	98
18) Hexachloroethane	7.19	117	110237	33.773	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	197435	36.474	ng	99
20) 3+4-Methylphenols	7.11	107	278051	35.935	ng	97
22) Acetophenone	7.10	105	392241	44.152	ng	# 96
24) Nitrobenzene	7.27	77	296194	41.651	ng	96
25) Isophorone	7.51	82	516342	38.816	ng	99
26) 2-Nitrophenol	7.59	139	144718	37.812	ng	96
27) 2,4-Dimethylphenol	7.63	122	237178	43.347	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	342239	40.694	ng	100
29) 2,4-Dichlorophenol	7.84	162	227277	38.822	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	263308	41.417	ng	99
31) Naphthalene	7.99	128	826898	42.193	ng	99
32) Benzoic acid	7.75	122	14701	3.470	ng	92
33) 4-Chloroaniline	8.05	127	19032	2.449	ng	97
34) Hexachlorobutadiene	8.11	225	159227	41.080	ng	99
35) Caprolactam	8.40	113	44110m	23.736	ng	
36) 4-Chloro-3-methylphenol	8.54	107	205460	34.961	ng	99
37) 2-Methylnaphthalene	8.68	142	521709	40.475	ng	98
38) 1-Methylnaphthalene	8.78	142	483387	38.892	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	245044	46.420	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113560.D
 Acq On : 3 Apr 2019 23:15
 Operator : JU/SJ
 Sample : K2190-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 VN-SP-1MS

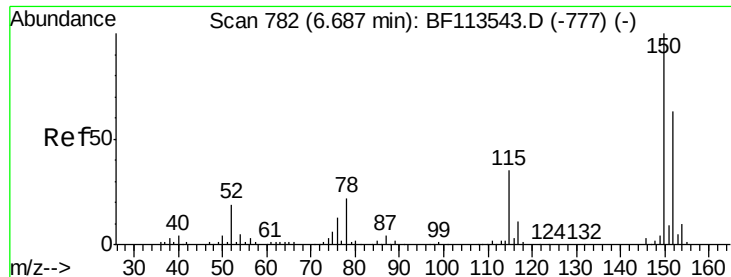
Manual Integrations
 APPROVED

Sohil
 4/4/2019 10:57:52 AM

Quant Time: Apr 04 05:48:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	58162	39.597	ng	97
43) 2,4,6-Trichlorophenol	8.97	196	144326	43.313	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	152884	42.737	ng	98
46) 1,1'-Biphenyl	9.15	154	616233	45.752	ng	98
47) 2-Chloronaphthalene	9.17	162	452912	44.412	ng	99
48) 2-Nitroaniline	9.27	65	133203	42.687	ng	96
49) Acenaphthylene	9.58	152	707499	42.664	ng	100
50) Dimethylphthalate	9.45	163	509766	42.368	ng	99
51) 2,6-Dinitrotoluene	9.52	165	105865	39.916	ng	# 86
52) Acenaphthene	9.76	154	406202	42.791	ng	99
53) 3-Nitroaniline	9.68	138	35250	11.690	ng	91
54) 2,4-Dinitrophenol	9.82	184	10246	8.258	ng	92
55) Dibenzofuran	9.93	168	604614	43.420	ng	98
56) 4-Nitrophenol	9.86	139	114434	61.178	ng	96
57) 2,4-Dinitrotoluene	9.92	165	124805	38.909	ng	92
58) Fluorene	10.27	166	457481	41.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	126088	40.719	ng	98
60) Diethylphthalate	10.15	149	489377	42.186	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	231413	42.719	ng	94
62) 4-Nitroaniline	10.29	138	110433	36.015	ng	97
63) Azobenzene	10.42	77	437834	39.862	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	11520	7.465	ng	94
66) n-Nitrosodiphenylamine	10.38	169	405707	45.082	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	140457	42.722	ng	94
68) Hexachlorobenzene	10.82	284	158015	41.946	ng	# 94
69) Atrazine	10.91	200	119032	41.964	ng	97
70) Pentachlorophenol	11.02	266	87632	49.367	ng	100
71) Phenanthrene	11.23	178	642619	44.117	ng	99
72) Anthracene	11.28	178	669178	45.153	ng	99
73) Carbazole	11.44	167	618389	44.613	ng	98
74) Di-n-butylphthalate	11.77	149	736164	44.646	ng	99
75) Fluoranthene	12.42	202	739926	47.404	ng	98
77) Benzidine	12.54	184	119703	10.711	ng	97
78) Pyrene	12.64	202	761470	33.299	ng	99
80) Butylbenzylphthalate	13.26	149	338382	36.352	ng	95
81) Benzo(a)anthracene	13.83	228	688500	39.713	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	60427	9.049	ng	98
83) Chrysene	13.87	228	728234	41.437	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	459242	40.805	ng	99
85) Di-n-octyl phthalate	14.43	149	890765	48.691	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	687380	42.362	ng	98
88) Benzo(b)fluoranthene	14.85	252	701172	39.171	ng	99
89) Benzo(k)fluoranthene	14.88	252	715299	44.525	ng	99
90) Benzo(a)pyrene	15.19	252	674043	42.376	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	591861	39.790	ng	99
92) Benzo(g,h,i)perylene	17.02	276	561147	36.960	ng	99

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



#1

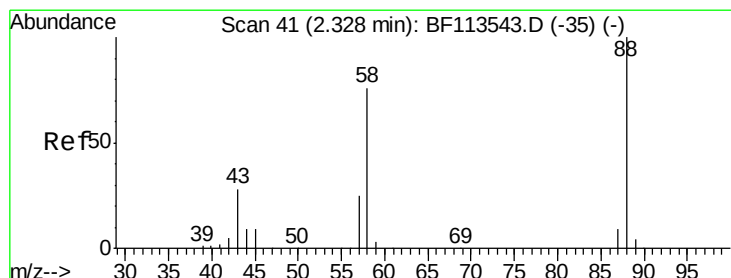
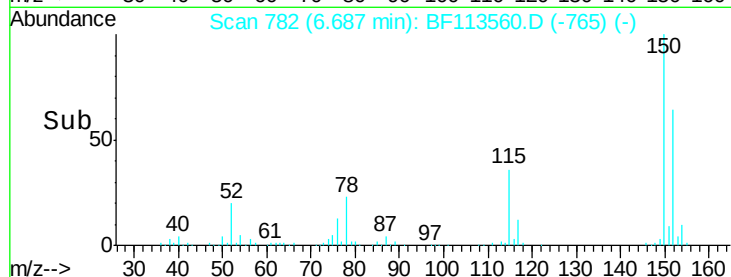
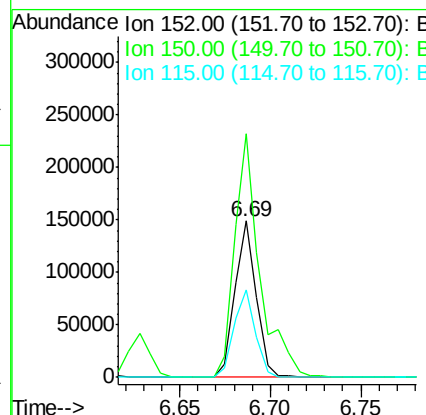
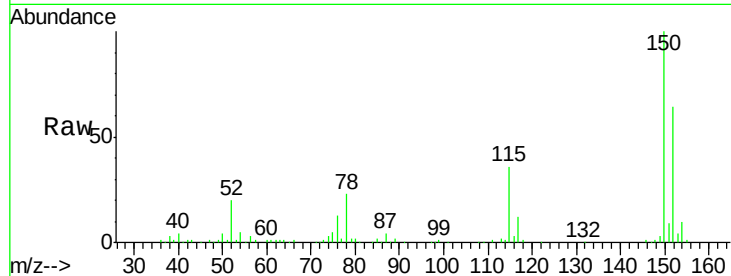
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	56.3	46.0	69.0

Manual Integrations
 APPROVED

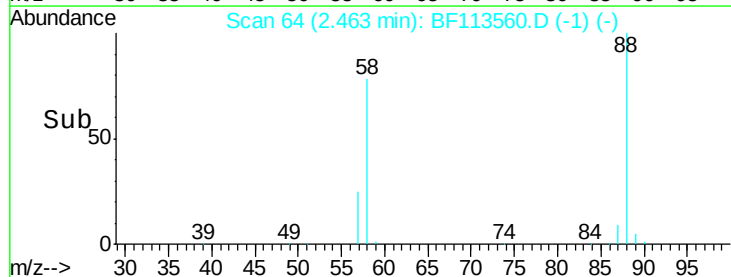
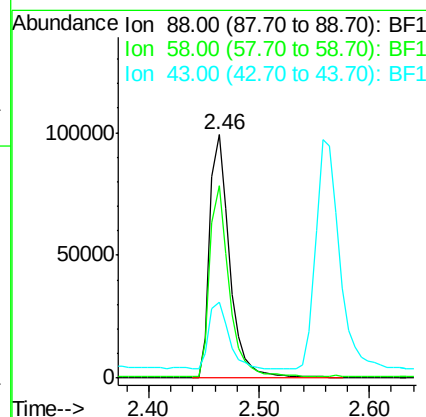
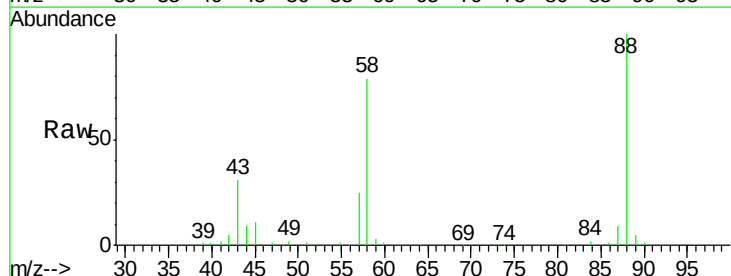
Sohil
 4/4/2019 10:57:52 AM

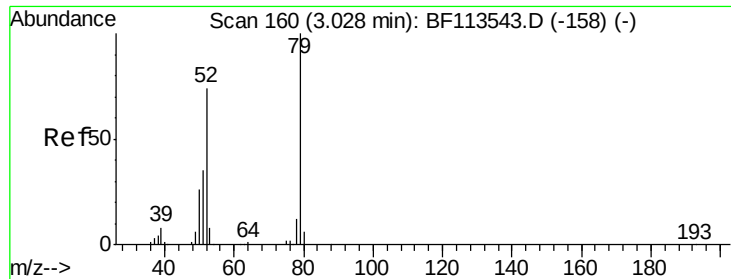


#2

1,4-Dioxane
 Concen: 35.980 ng
 RT: 2.46 min Scan# 64
 Delta R.T. 0.14 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	61.9	92.9
43	0.0	24.2	36.4





#3

Pyridine

Concen: 15.255 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.15 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

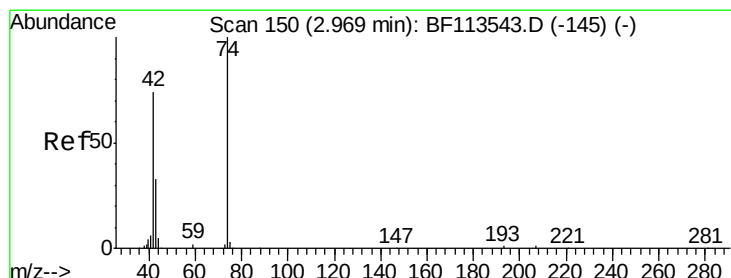
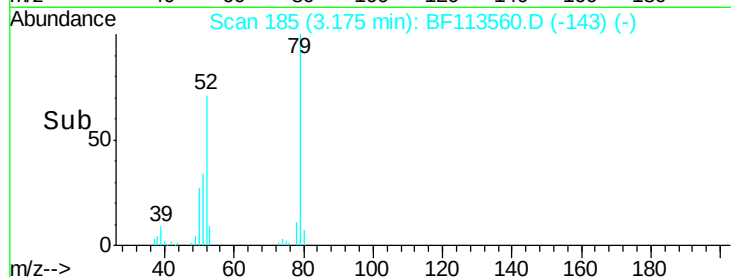
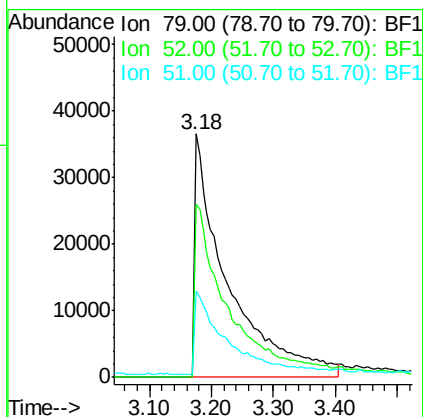
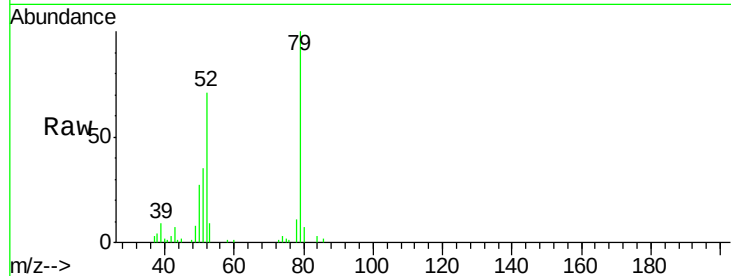
ClientSampleId :

VN-SP-1MS

Tgt Ion:	79	Resp:	134668
Ion	Ratio	Lower	Upper
79	100		
52	71.1	61.0	91.4
51	35.4	30.6	45.8

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#4

n-Nitrosodimethylamine

Concen: 34.451 ng

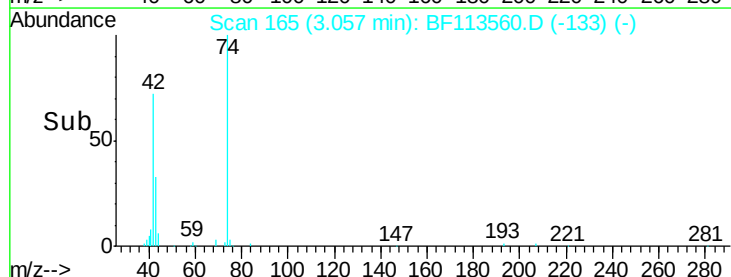
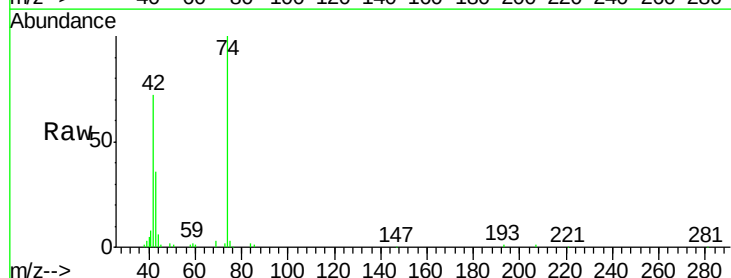
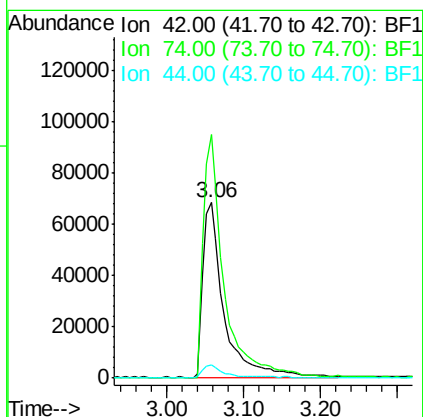
RT: 3.06 min Scan# 165

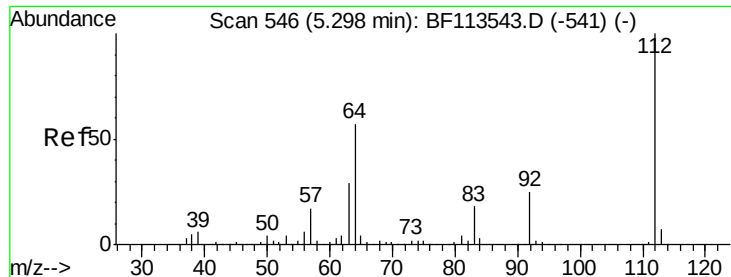
Delta R.T. 0.09 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	42	Resp:	129218
Ion	Ratio	Lower	Upper
42	100		
74	138.9	102.4	153.6
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 105.398 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

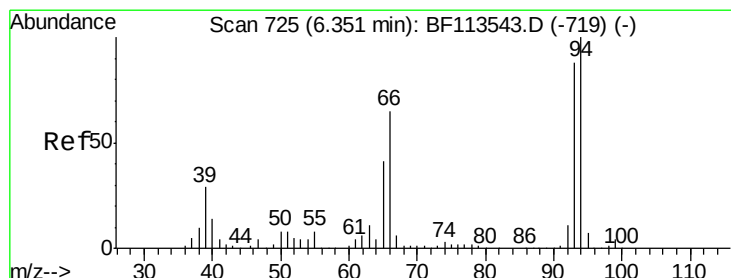
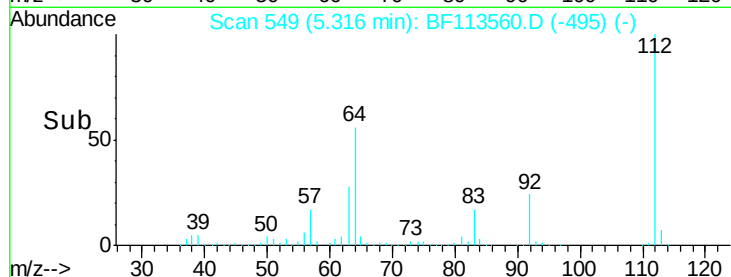
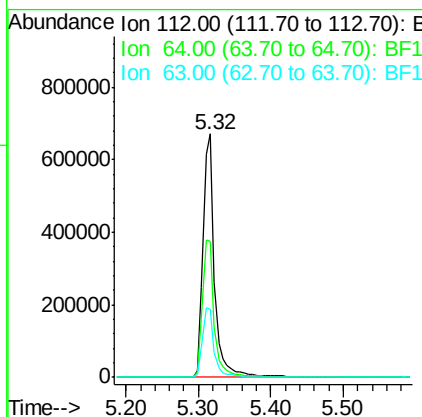
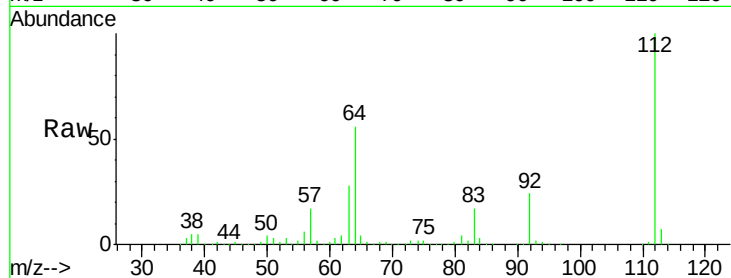
ClientSampleId :

VN-SP-1MS

Tgt Ion:	112	Resp:	750664
Ion Ratio	Lower	Upper	
112	100		
64	55.7	49.2	73.8
63	28.0	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#6

Aniline

Concen: 4.245 ng

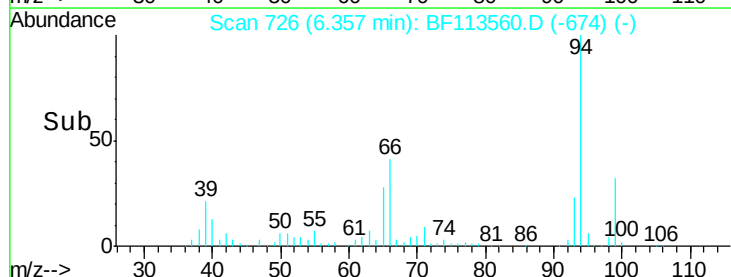
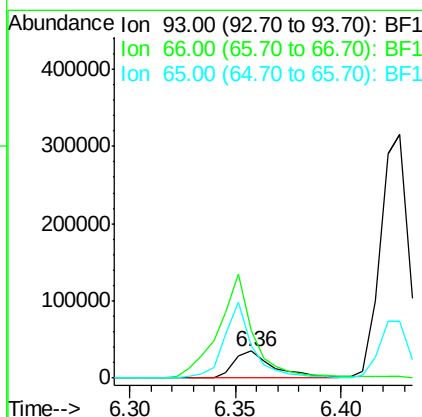
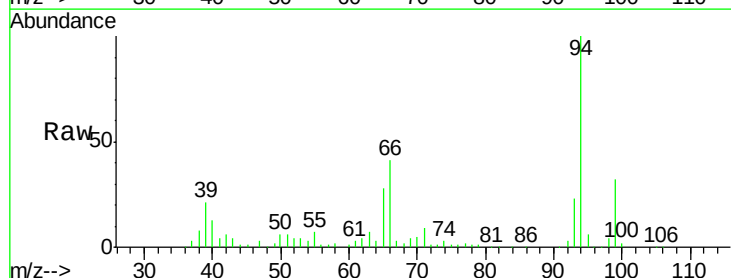
RT: 6.36 min Scan# 726

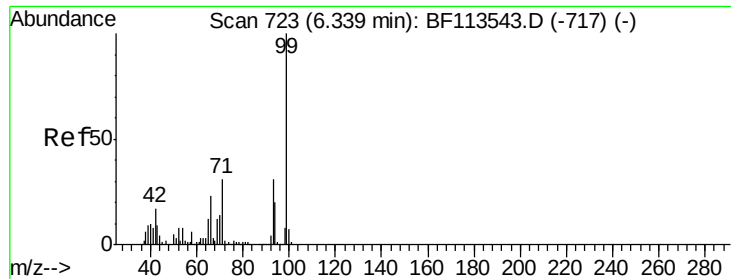
Delta R.T. 0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	93	Resp:	45163
Ion Ratio	Lower	Upper	
93	100		
66	178.4	62.1	93.1#
65	119.6	38.7	58.1#





#7

Phenol-d6

Concen: 98.422 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

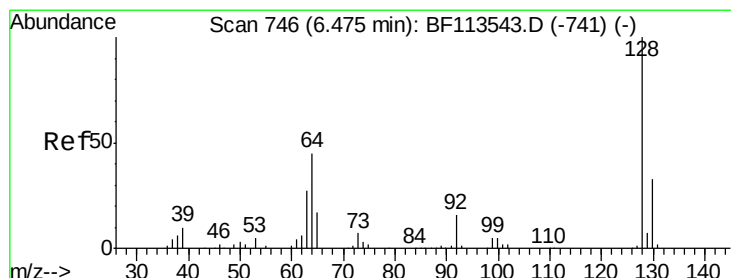
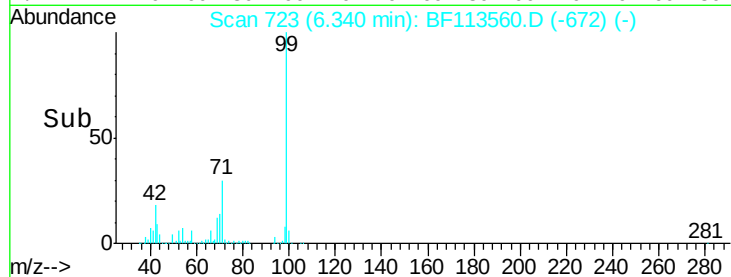
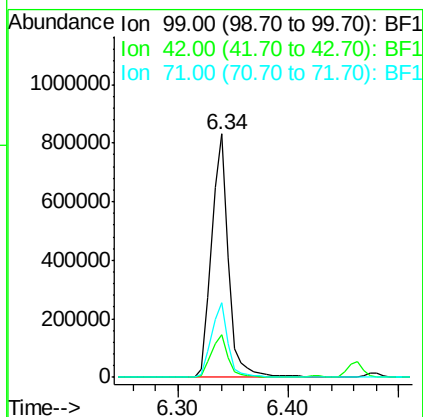
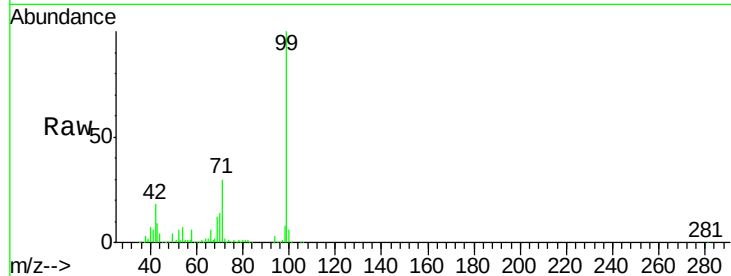
ClientSampled :

VN-SP-1MS

Tgt Ion:	99	Resp:	863964
Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.8	22.2
71	30.5	24.9	37.3

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#8

2-Chlorophenol

Concen: 35.693 ng

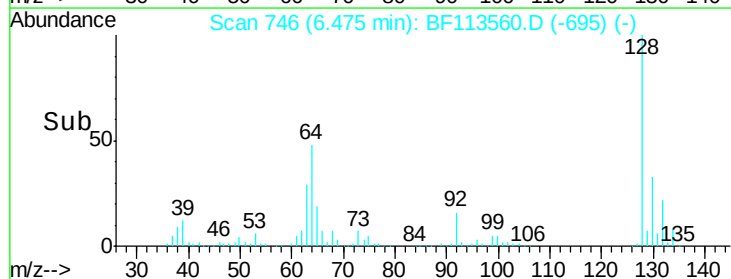
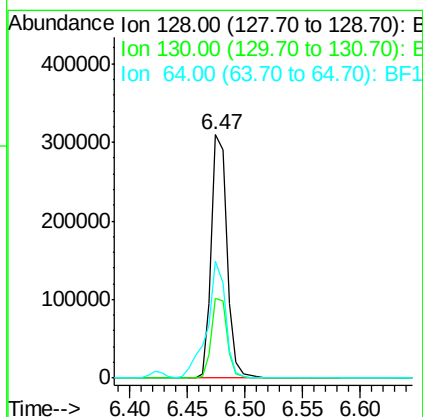
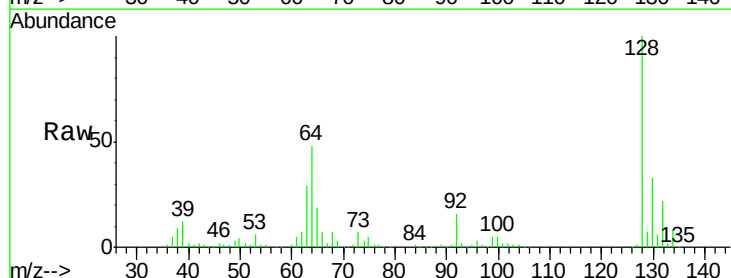
RT: 6.47 min Scan# 746

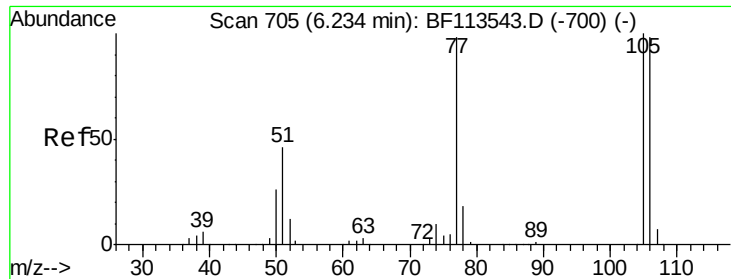
Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	128	Resp:	294124
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	48.2	29.4	69.4





#9

Benzaldehyde

Concen: 37.252 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

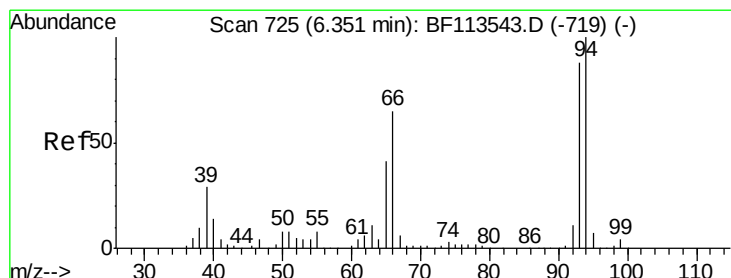
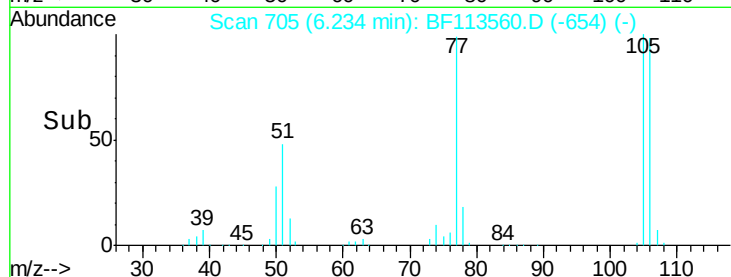
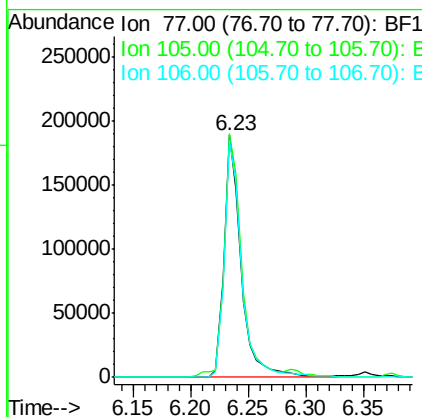
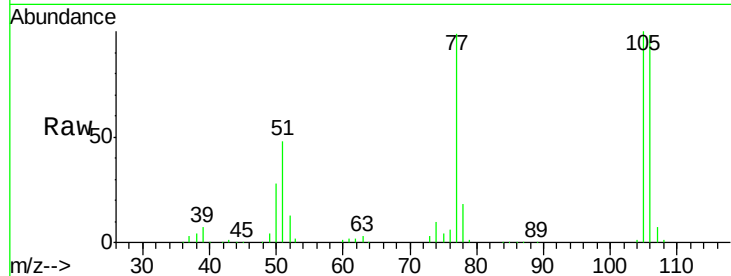
ClientSampleId :

VN-SP-1MS

Tgt Ion:	77	Resp:	194435
Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.9	120.9
106	98.1	77.8	117.8

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#10

Phenol

Concen: 29.862 ng

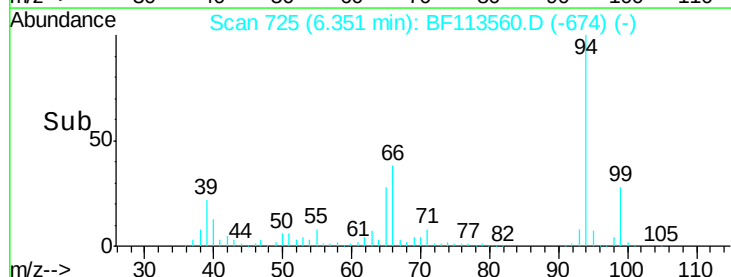
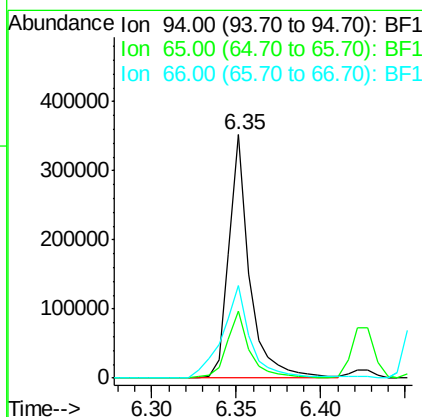
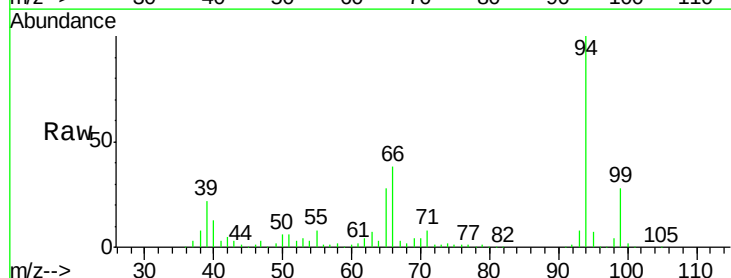
RT: 6.35 min Scan# 725

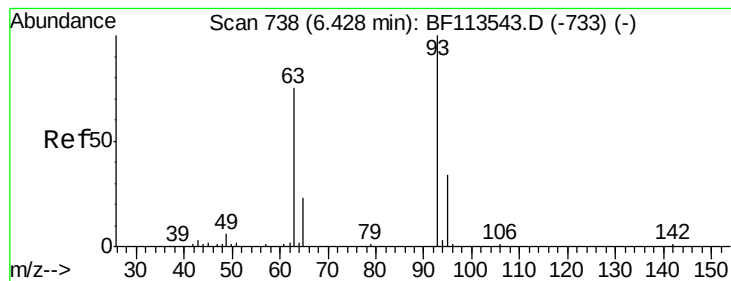
Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	94	Resp:	299382
Ion	Ratio	Lower	Upper
94	100		
65	27.7	21.4	61.4
66	38.1	46.4	86.4#





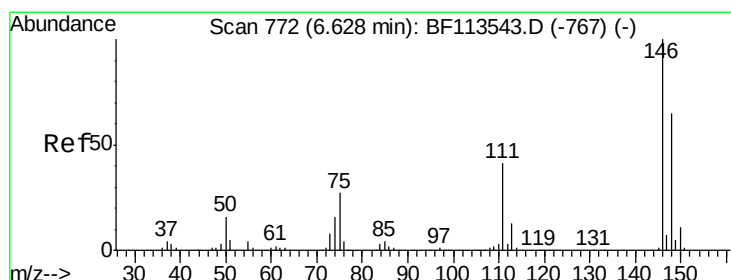
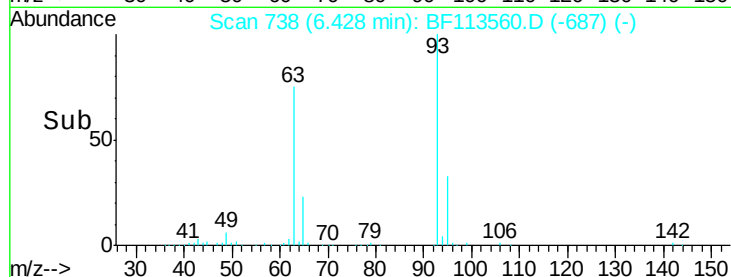
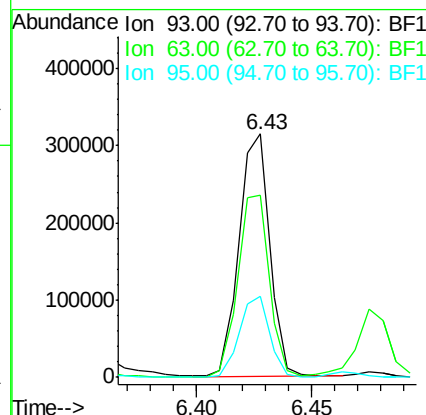
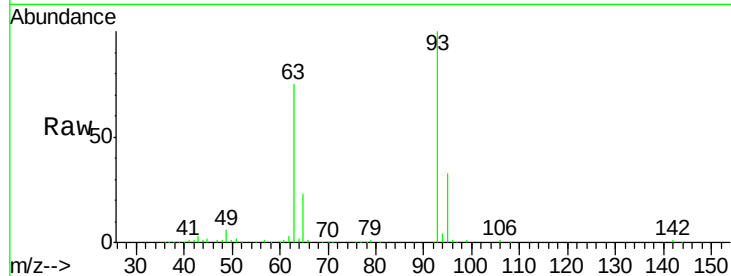
#11
bis(2-Chloroethyl)ether
Concen: 37.426 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	291878		
63	74.6	56.1	96.1	
95	33.2	12.8	52.8	

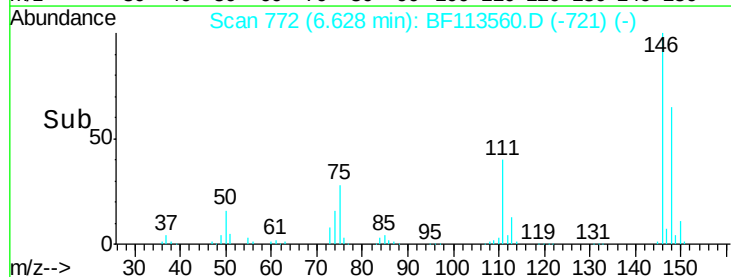
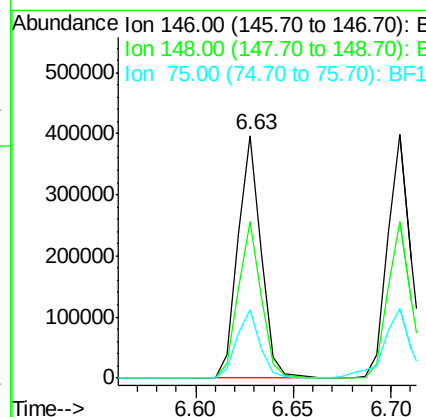
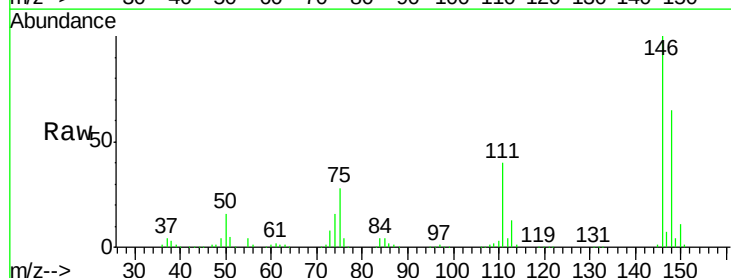
Manual Integrations
APPROVED

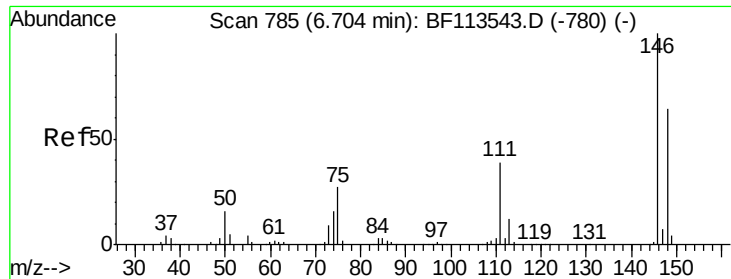
Sohil
4/4/2019 10:57:52 AM



#12
1,3-Dichlorobenzene
Concen: 36.928 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	327703		
148	64.7	51.4	77.0	
75	28.4	24.8	37.2	





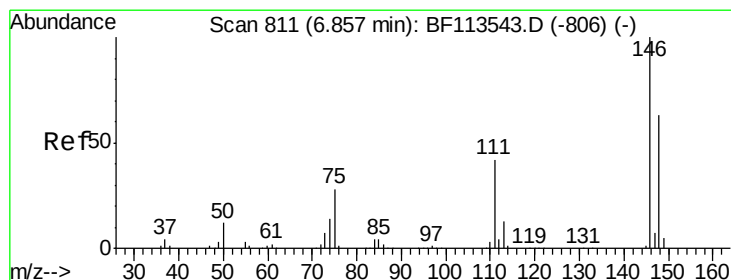
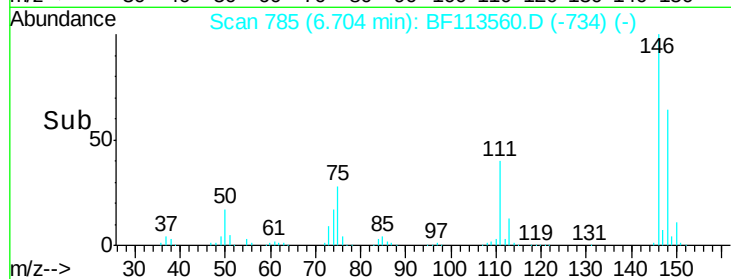
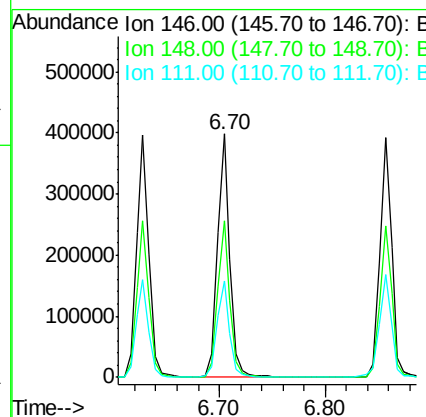
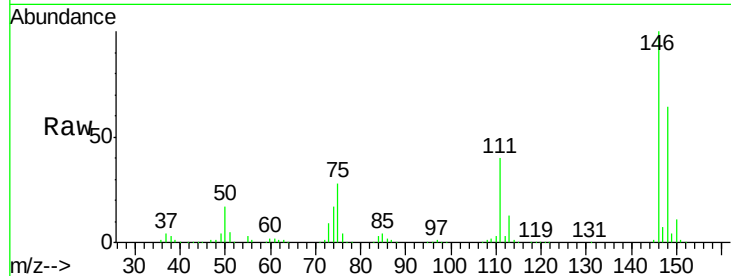
#13
 1,4-Dichlorobenzene
 Concen: 36.882 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.7	32.8	49.2

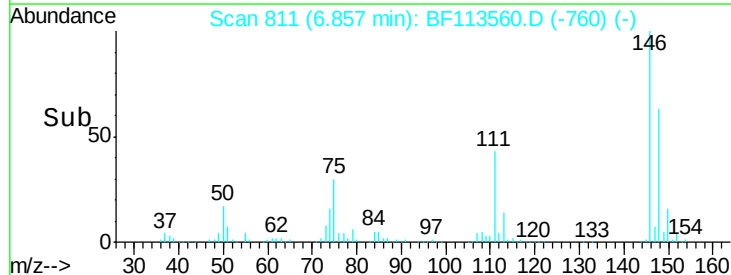
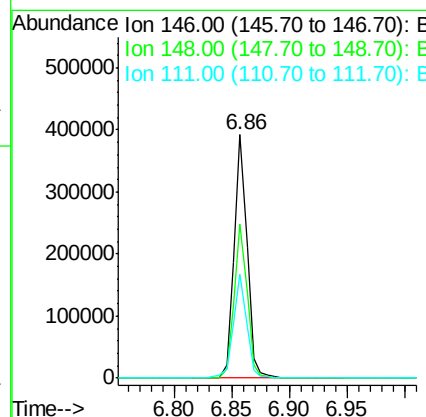
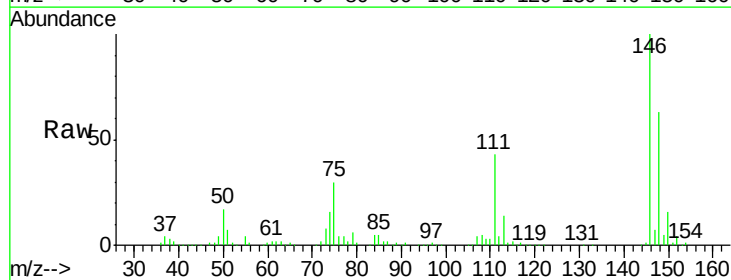
Manual Integrations
 APPROVED

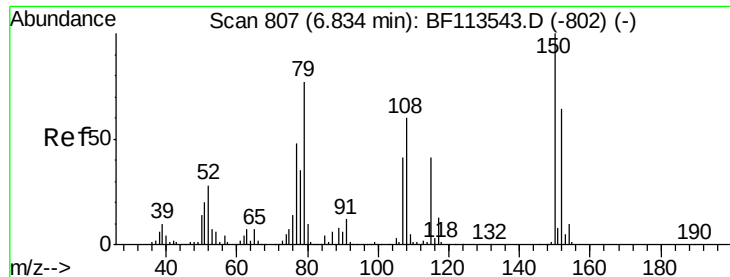
Sohil
 4/4/2019 10:57:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.902 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.2	75.4
111	42.6	35.4	53.2





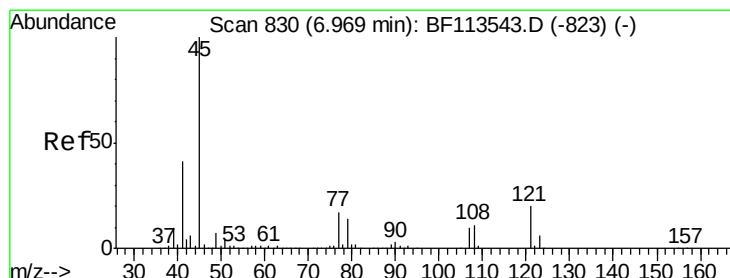
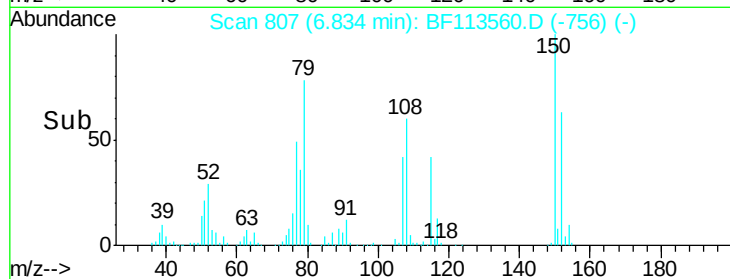
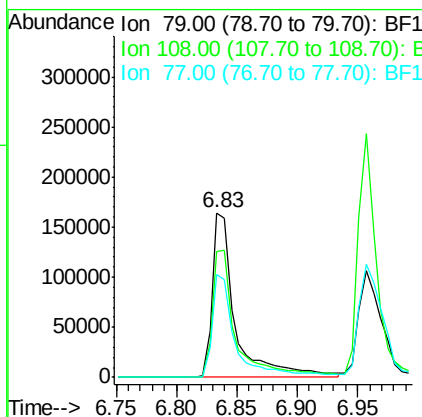
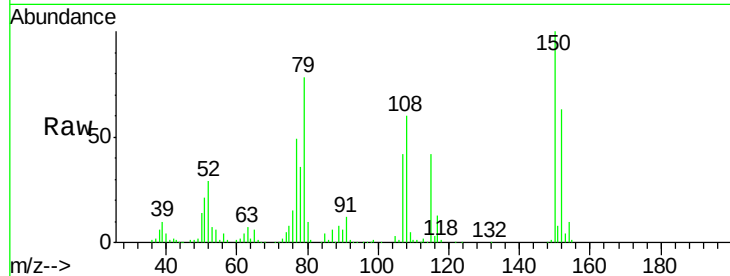
#15
Benzyl Alcohol
Concen: 36.503 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.8	62.0	93.0
77	62.6	49.9	74.9

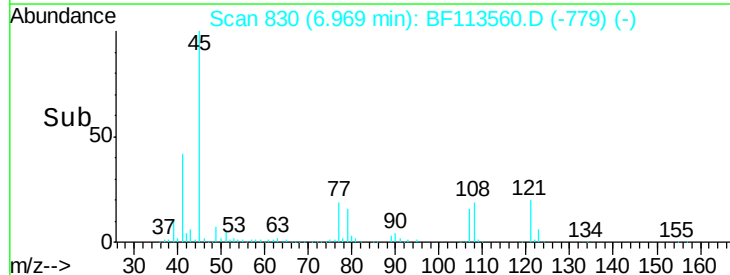
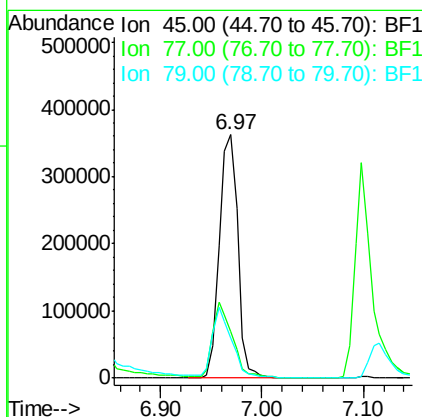
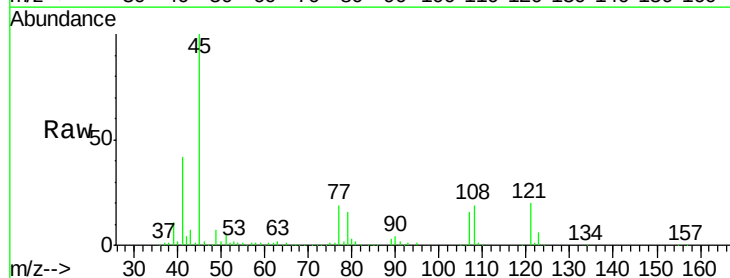
Manual Integrations
APPROVED

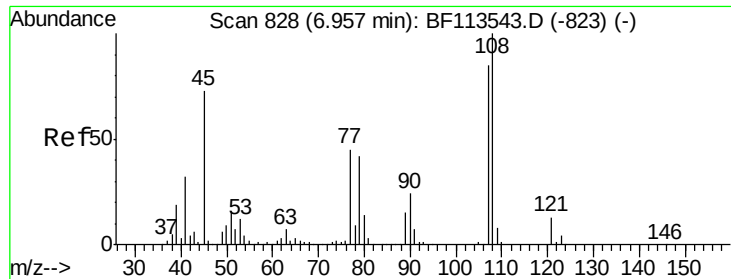
Sohil
4/4/2019 10:57:52 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.549 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	36.6
79	16.4	0.0	34.0





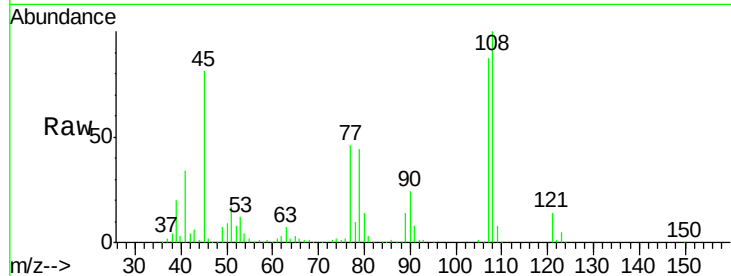
#17
2-Methylphenol
Concen: 34.536 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

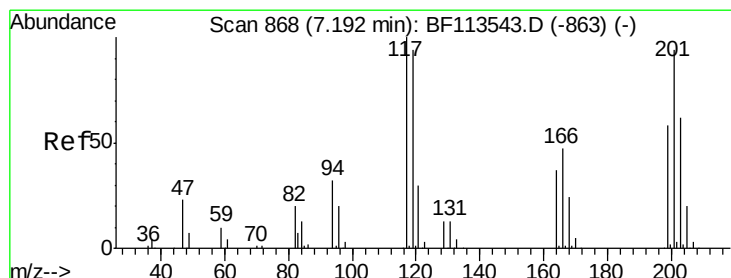
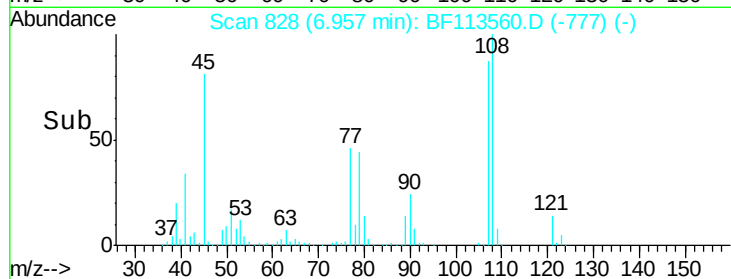
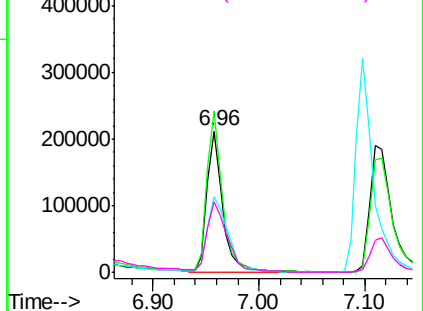
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	220545		
108	114.7	93.4	140.0	
77	53.1	41.2	61.8	
79	50.0	40.1	60.1	

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



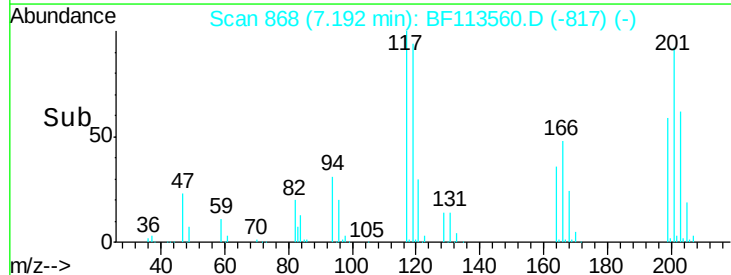
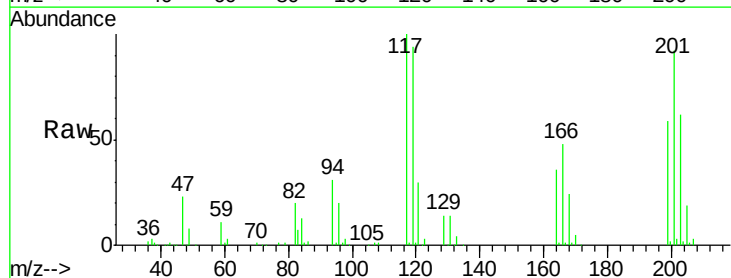
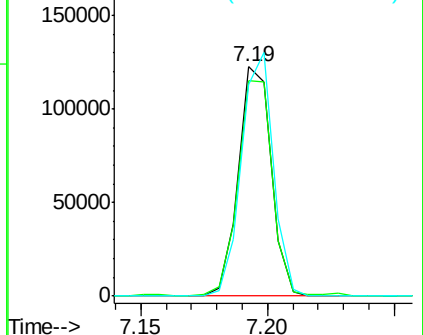
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

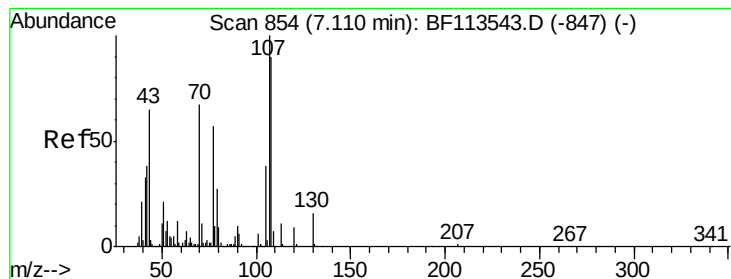


#18
Hexachloroethane
Concen: 33.773 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110237		
119	94.3	76.9	115.3	
201	92.2	78.7	118.1	

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





#19

n-Nitroso-di-n-propylamine

Concen: 36.474 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

ClientSampleId :

VN-SP-1MS

Tgt Ion: 70 Resp: 197435

Ion Ratio Lower Upper

70 100

42 60.5 48.4 72.6

101 9.2 7.8 11.8

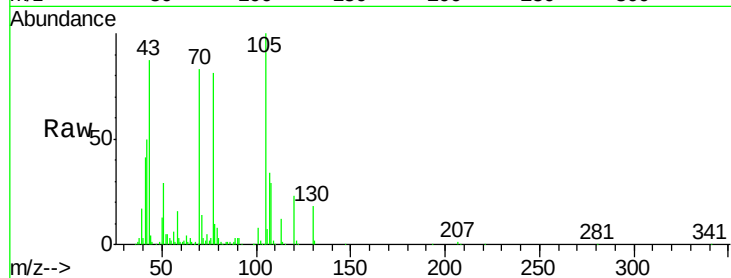
130 22.0 18.2 27.4

Manual Integrations

APPROVED

Sohil

4/4/2019 10:57:52 AM



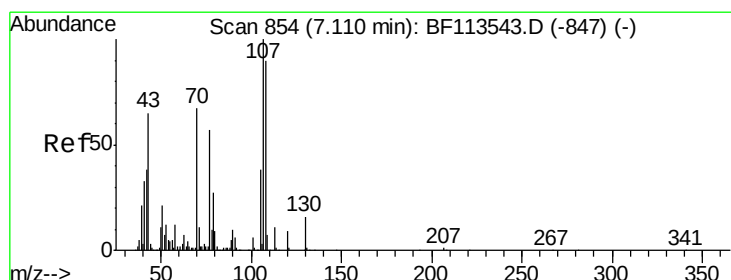
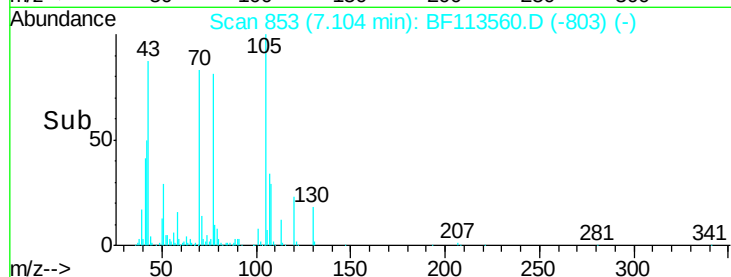
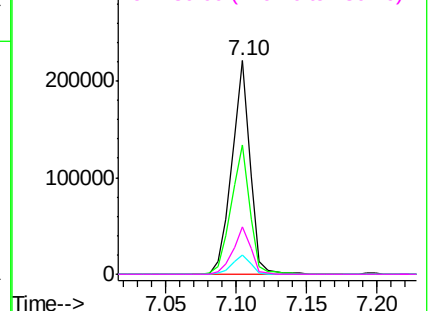
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.935 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion: 107 Resp: 278051

Ion Ratio Lower Upper

107 100

108 89.1 71.4 111.4

77 52.7 33.5 73.5

79 25.1 8.3 48.3

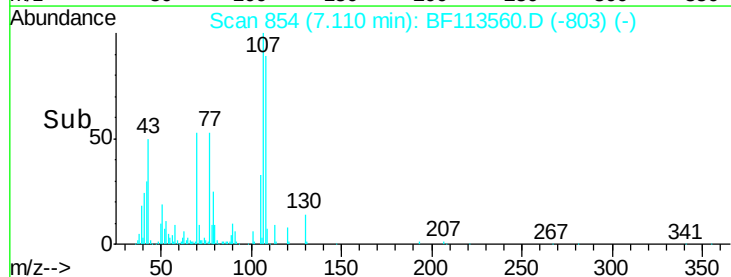
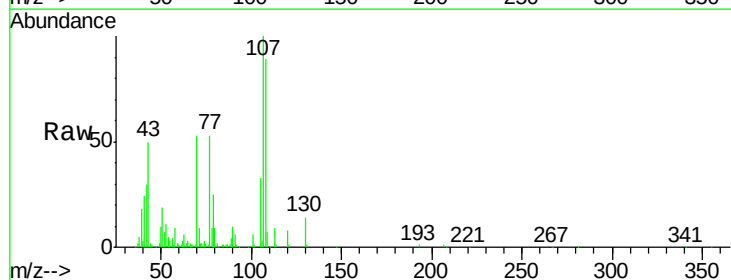
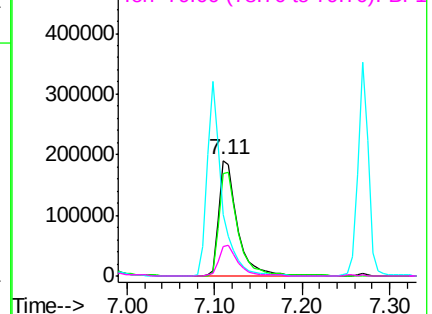
Abundance

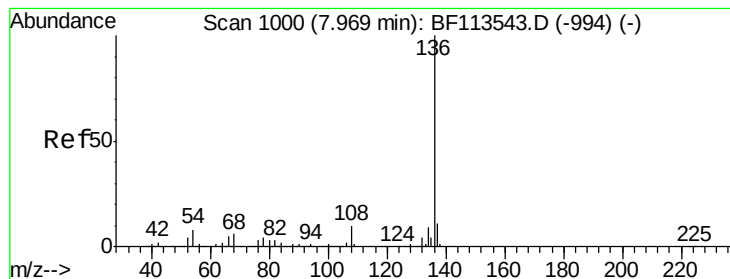
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





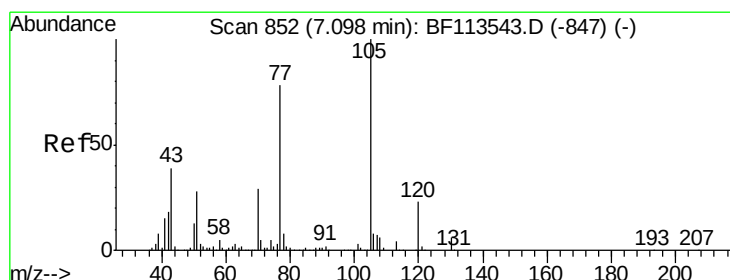
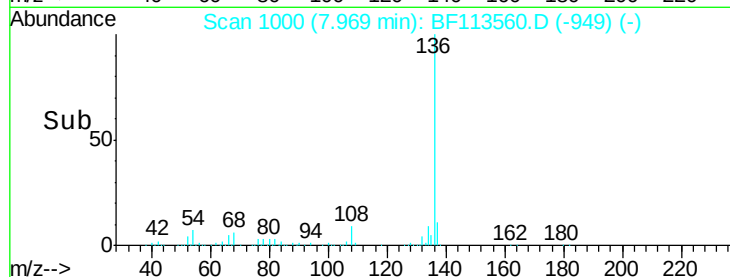
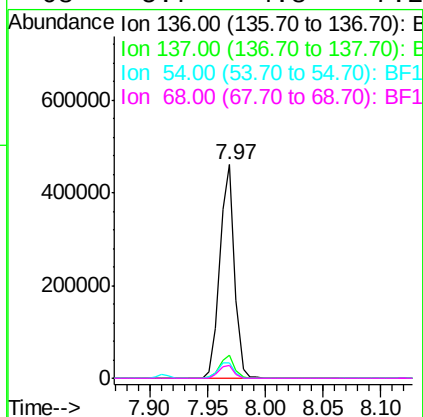
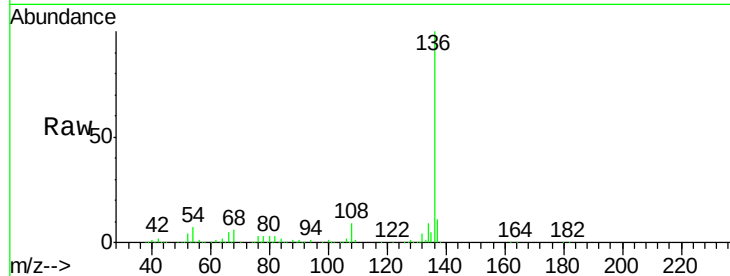
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	404483		
137	11.1	8.9	13.3	
54	7.5	7.0	10.6	
68	5.7	4.8	7.2	

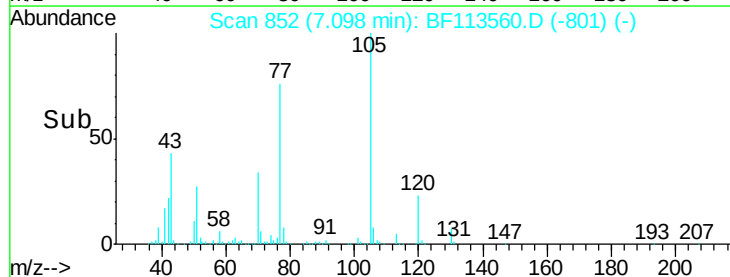
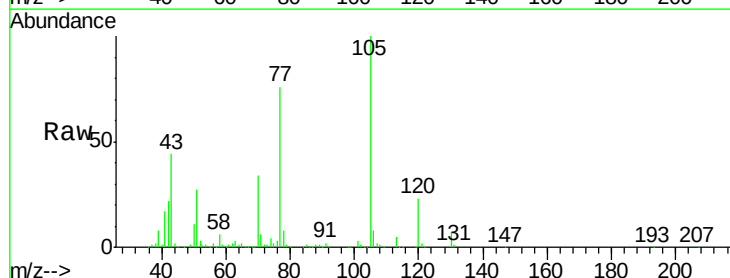
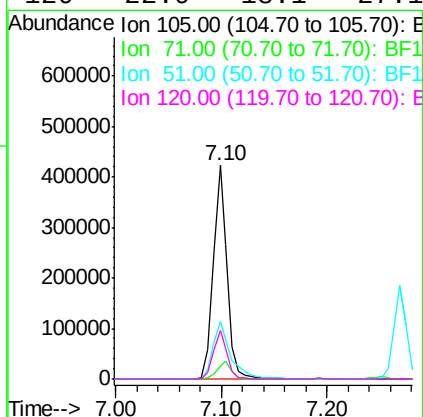
Manual Integrations
APPROVED

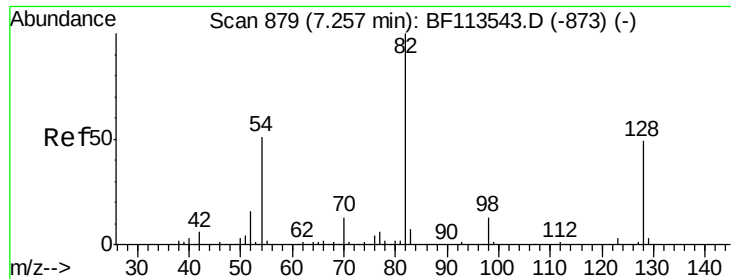
Sohil
4/4/2019 10:57:52 AM



#22
Acetophenone
Concen: 44.152 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	392241		
71	5.8	3.3	4.9#	
51	26.9	24.2	36.2	
120	22.9	18.1	27.1	





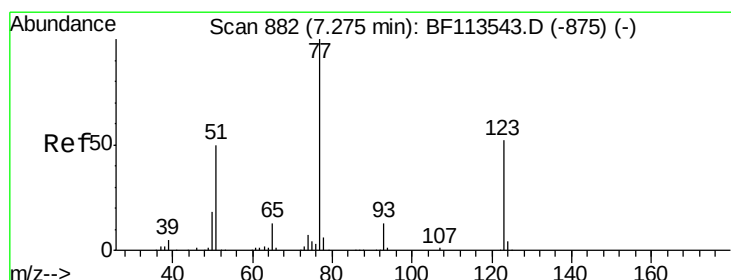
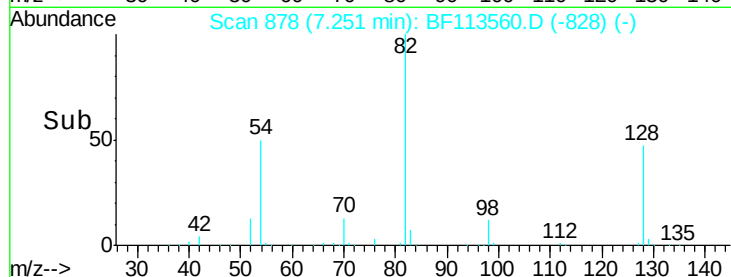
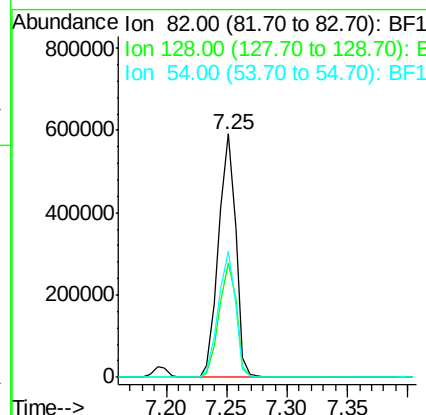
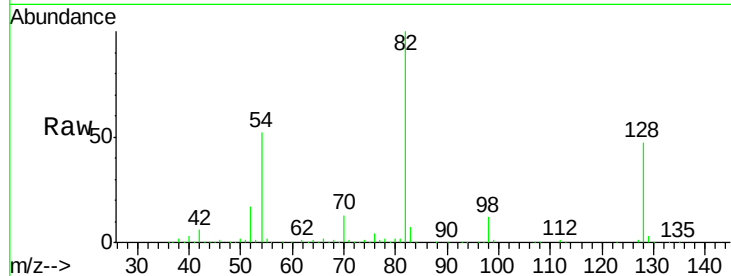
#23
 Nitrobenzene-d5
 Concen: 83.969 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	579836		
128	46.8	36.5	54.7	
54	51.5	42.2	63.2	

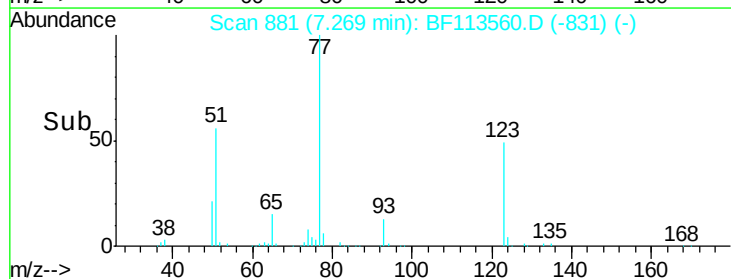
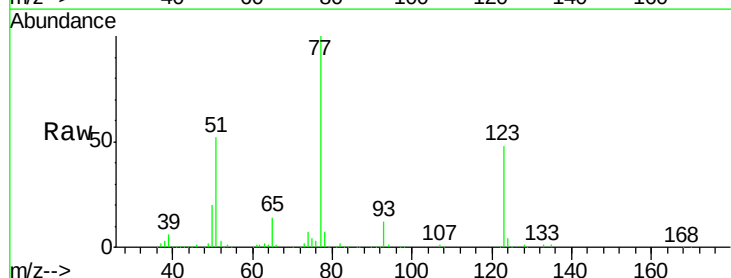
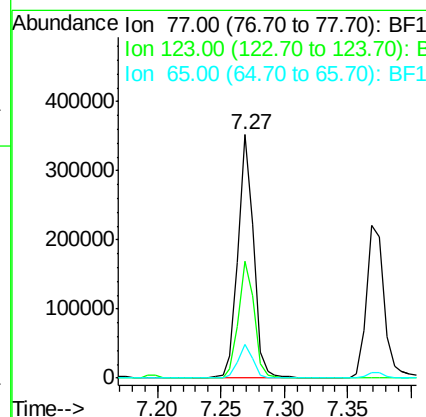
Manual Integrations
 APPROVED

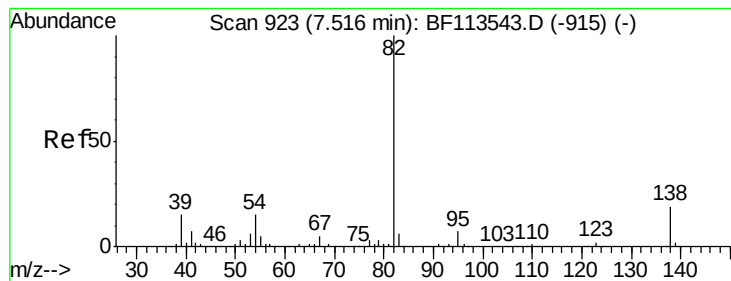
Sohil
 4/4/2019 10:57:52 AM



#24
 Nitrobenzene
 Concen: 41.651 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	296194		
123	48.0	40.8	61.2	
65	13.6	10.6	16.0	





#25

Isophorone

Concen: 38.816 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

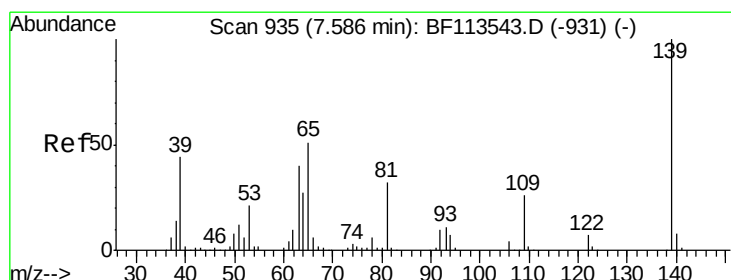
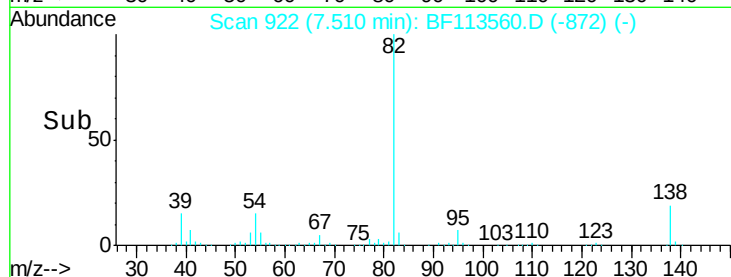
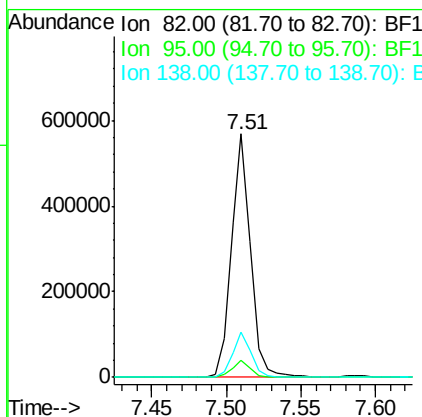
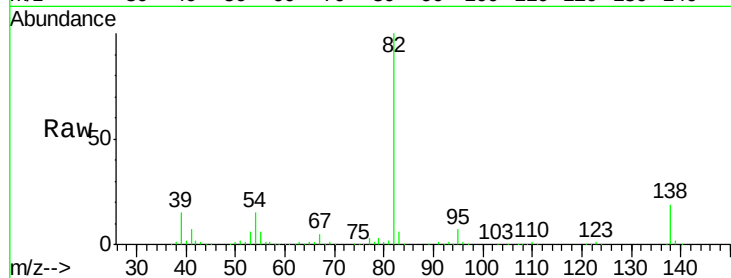
ClientSampleId :

VN-SP-1MS

Tgt Ion:	82	Resp:	516342
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	18.6	15.2	22.8

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#26

2-Nitrophenol

Concen: 37.812 ng

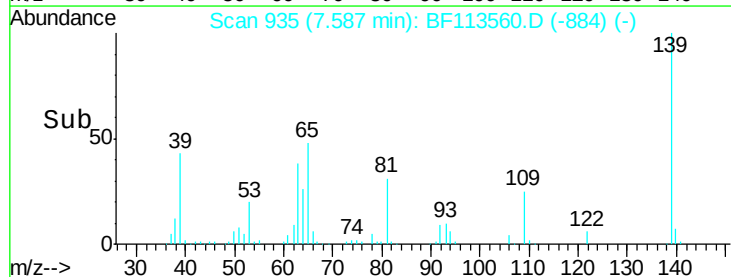
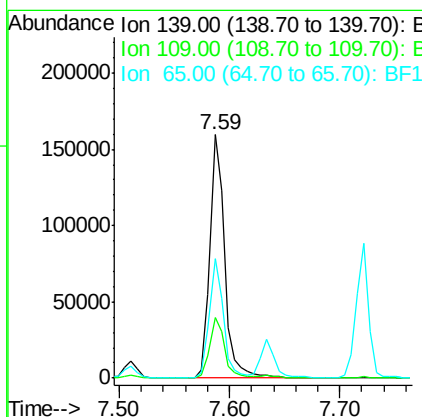
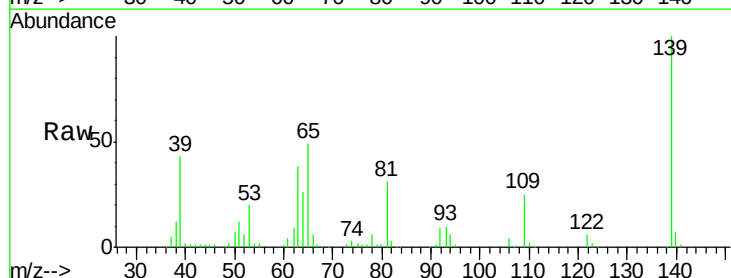
RT: 7.59 min Scan# 935

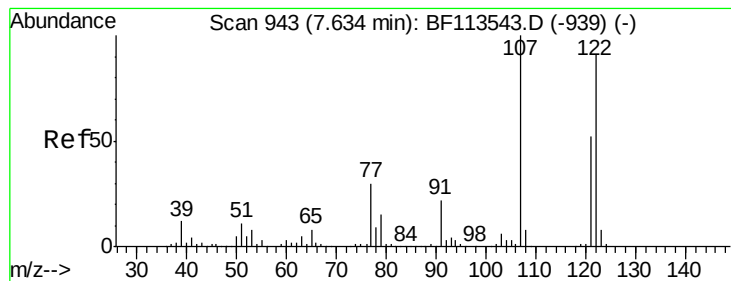
Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	139	Resp:	144718
Ion Ratio	Lower	Upper	
139	100		
109	25.1	21.7	32.5
65	48.8	41.6	62.4





#27

2,4-Dimethylphenol

Concen: 43.347 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

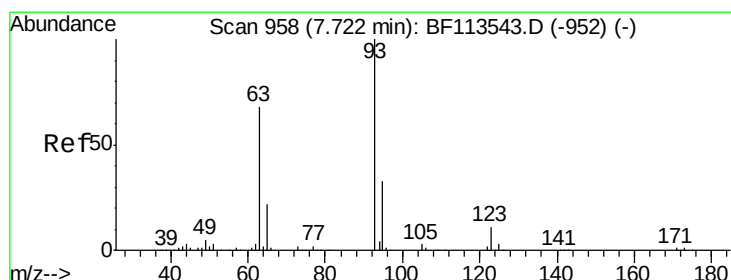
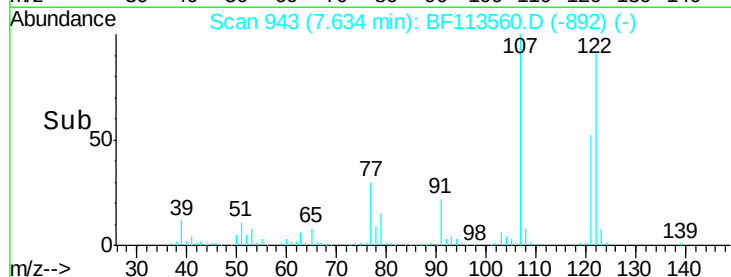
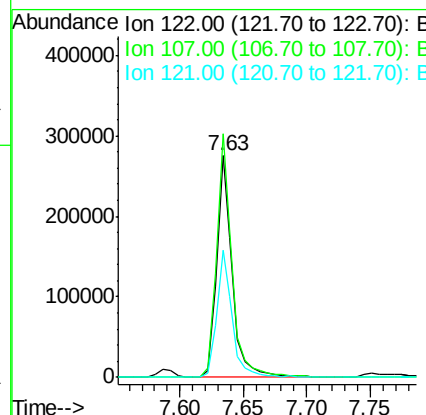
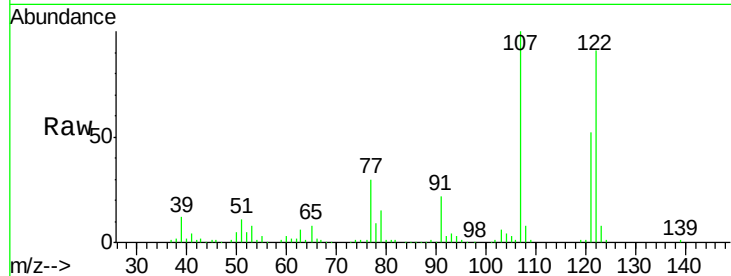
ClientSampleId :

VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	237178		
107	110.0	88.8	133.2	
121	57.6	45.5	68.3	

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#28

bis(2-Chloroethoxy)methane

Concen: 40.694 ng

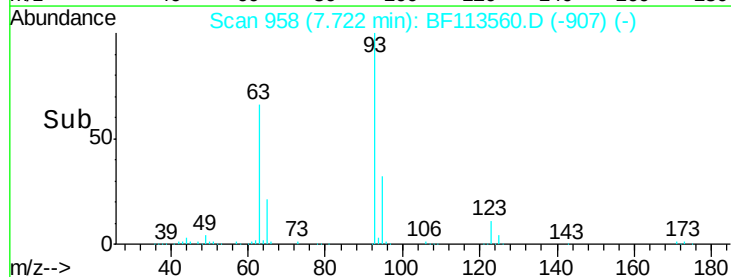
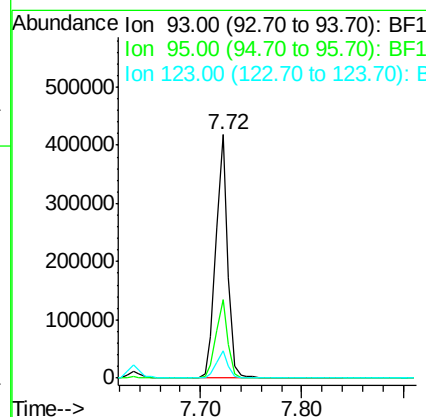
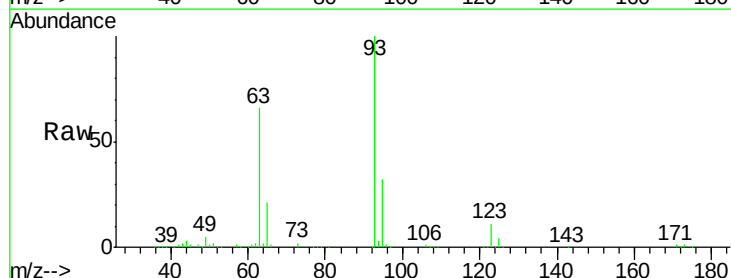
RT: 7.72 min Scan# 958

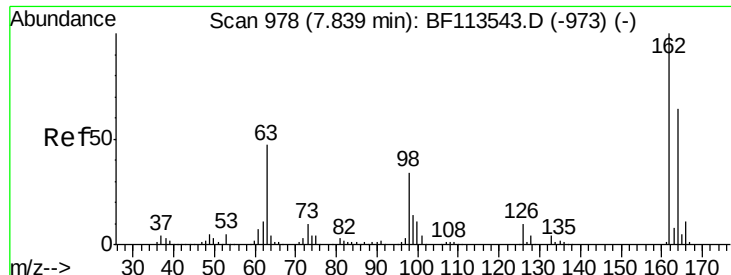
Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	342239		
95	32.4	26.0	39.0	
123	11.4	9.1	13.7	





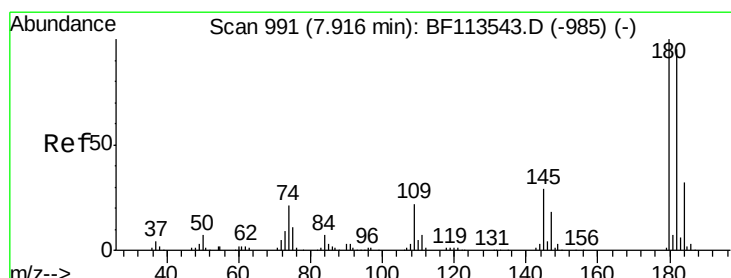
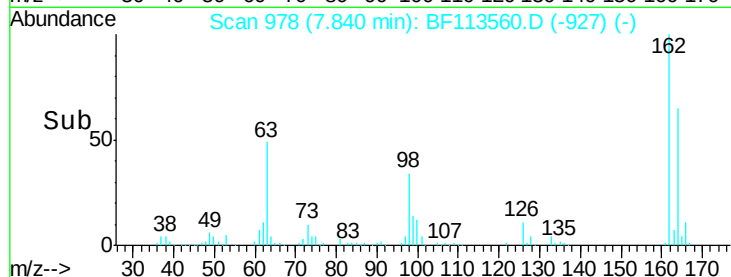
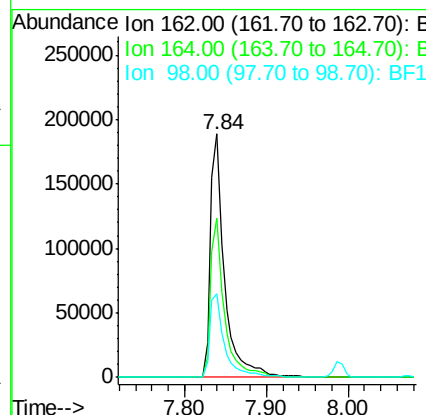
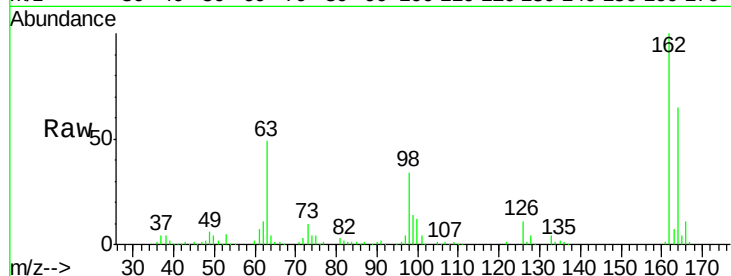
#29
2,4-Dichlorophenol
Concen: 38.822 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	227277		
164	65.4	44.6	84.6	
98	34.2	15.6	55.6	

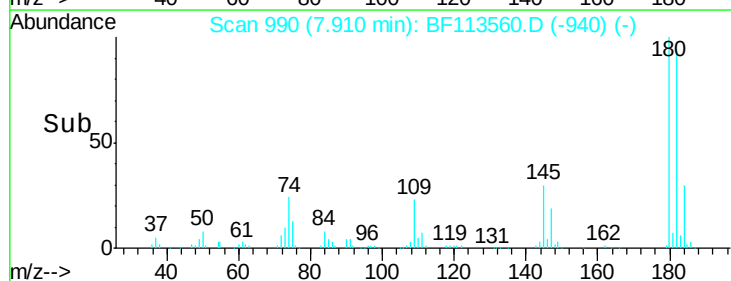
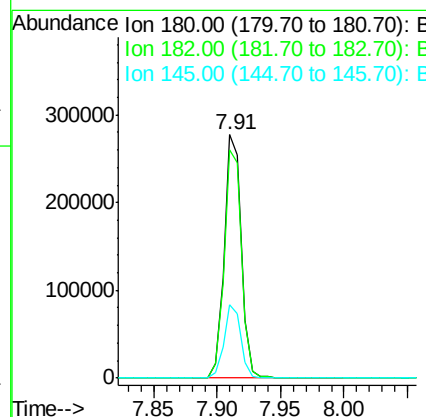
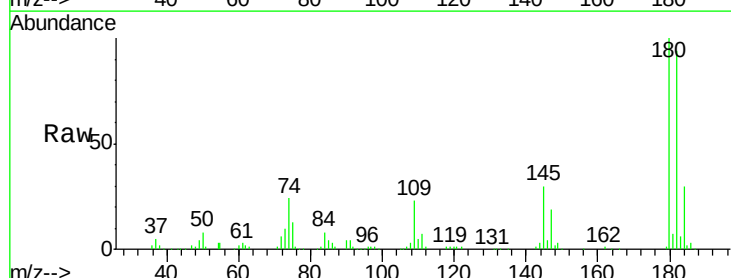
Manual Integrations
APPROVED

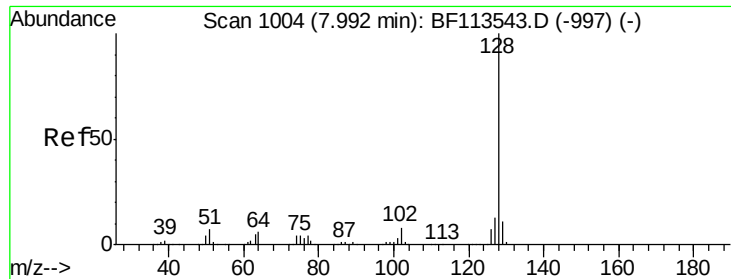
Sohil
4/4/2019 10:57:52 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.417 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263308		
182	93.8	74.6	111.8	
145	30.1	23.4	35.0	





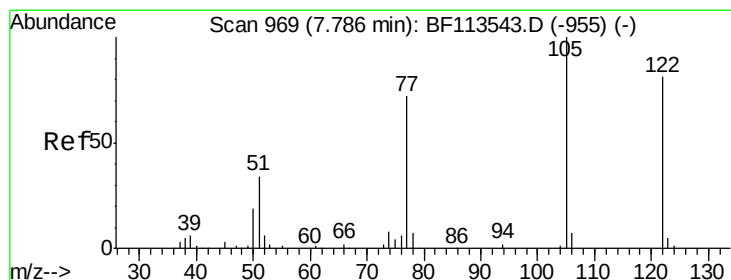
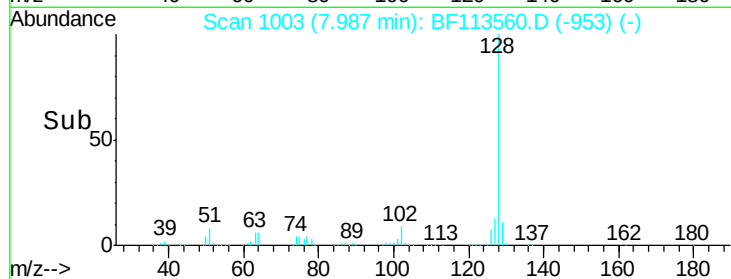
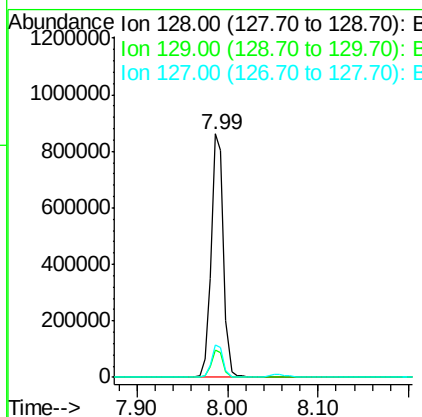
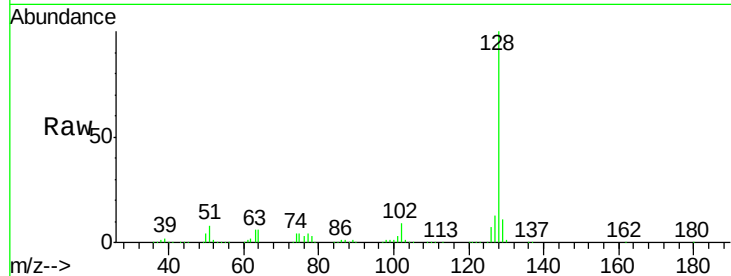
#31
Naphthalene
Concen: 42.193 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	826898		
129	11.2	9.3	13.9	
127	13.1	10.9	16.3	

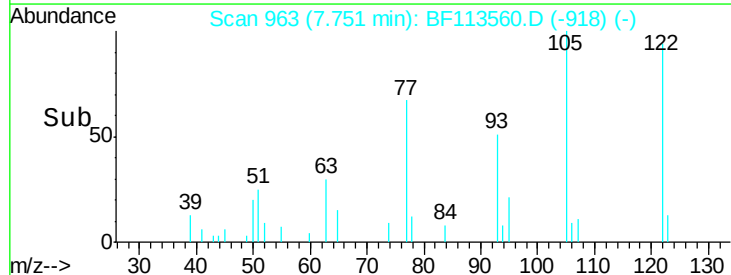
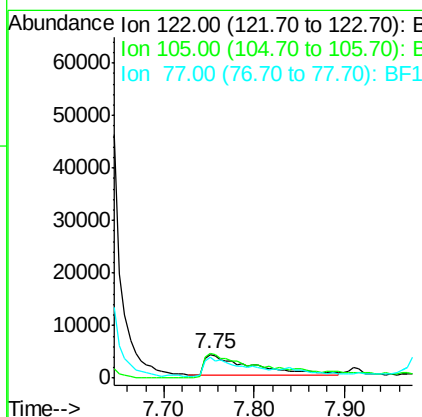
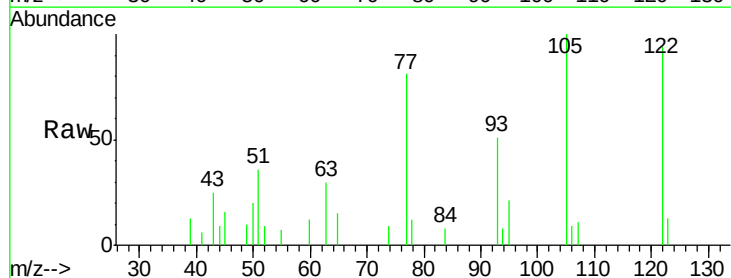
Manual Integrations
APPROVED

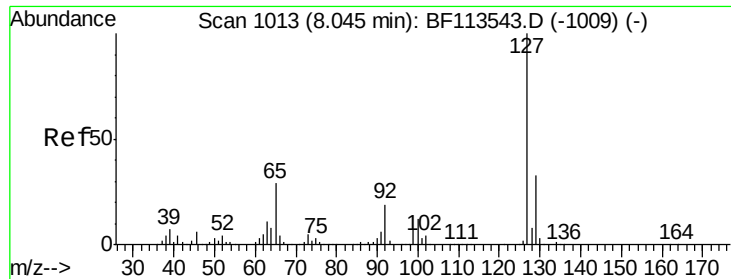
Sohil
4/4/2019 10:57:52 AM



#32
Benzoic acid
Concen: 3.470 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14701		
105	106.9	100.4	140.4	
77	86.2	69.0	109.0	





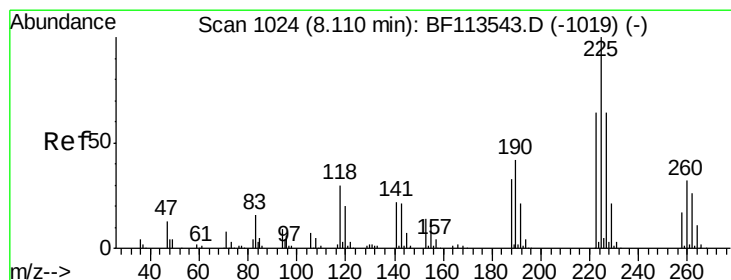
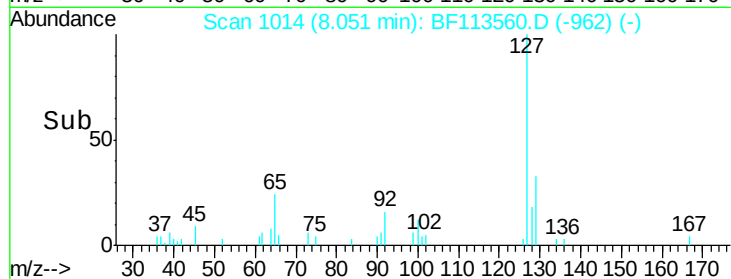
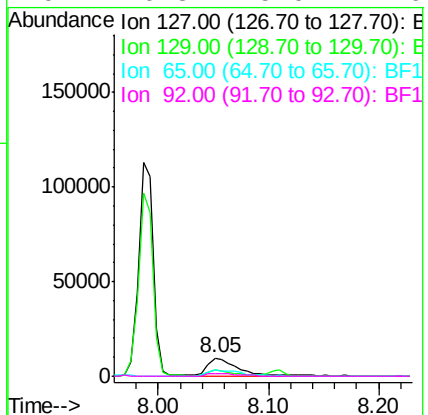
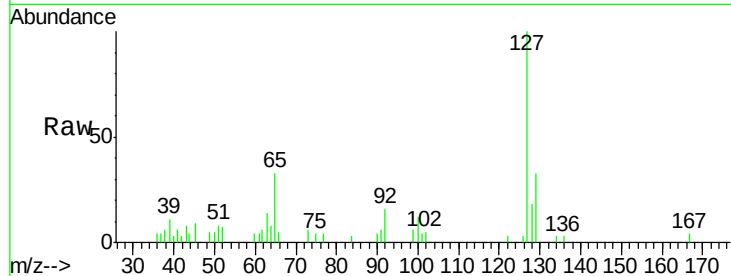
#33
4-Chloroaniline
Concen: 2.449 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion:	127	Resp:	19032
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.3	39.5
65	32.6	24.2	36.4
92	16.3	15.0	22.6

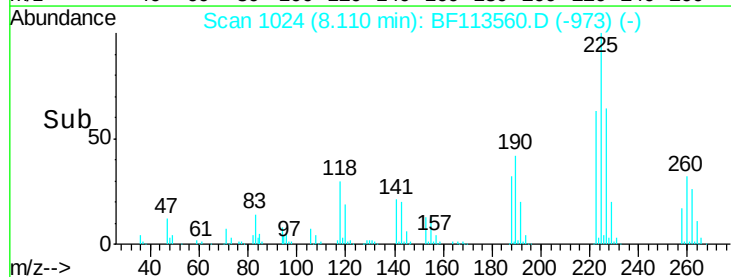
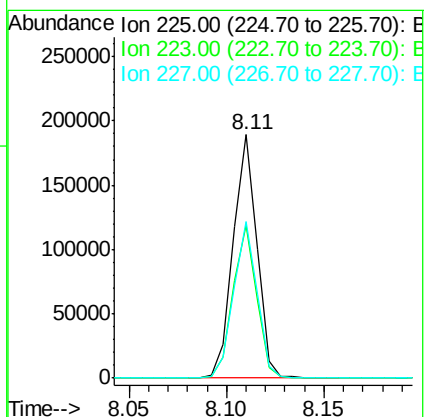
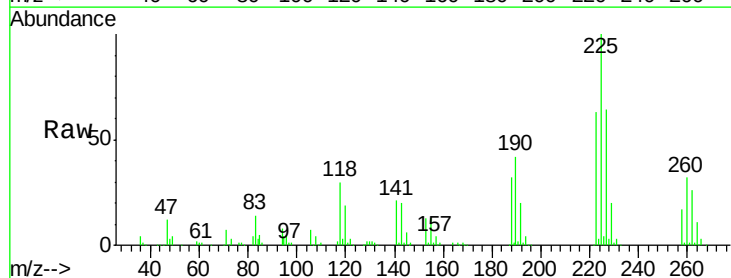
Manual Integrations
APPROVED

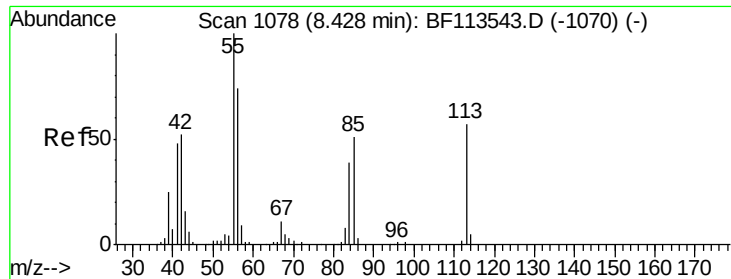
Sohil
4/4/2019 10:57:52 AM



#34
Hexachlorobutadiene
Concen: 41.080 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:	225	Resp:	159227
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.4	77.2
227	64.2	51.1	76.7





#35

Caprolactam

Concen: 23.736 ng m

RT: 8.40 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

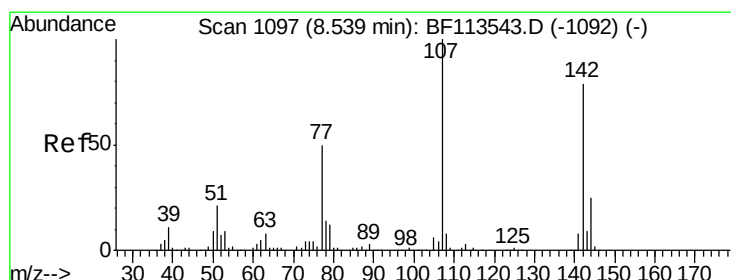
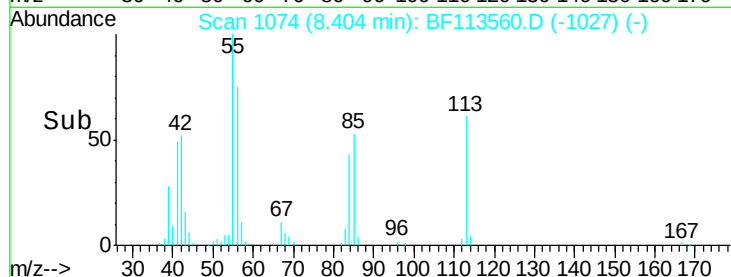
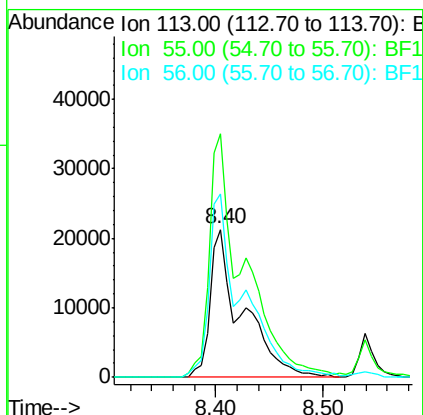
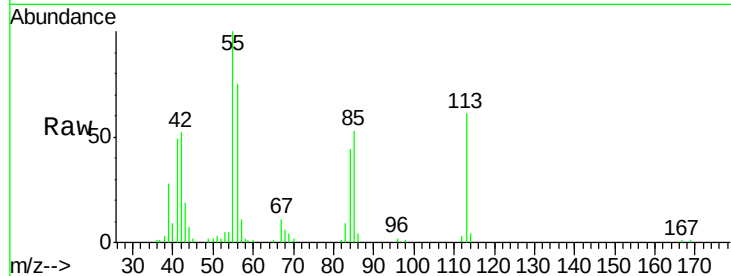
ClientSampled :

VN-SP-1MS

Tgt Ion:113 Resp: 44110
 Ion Ratio Lower Upper
 113 100
 55 164.4 152.7 192.7
 56 123.9 108.3 148.3

Manual Integrations
 APPROVED

Sohil
 4/4/2019 10:57:52 AM



#36

4-Chloro-3-methylphenol

Concen: 34.961 ng

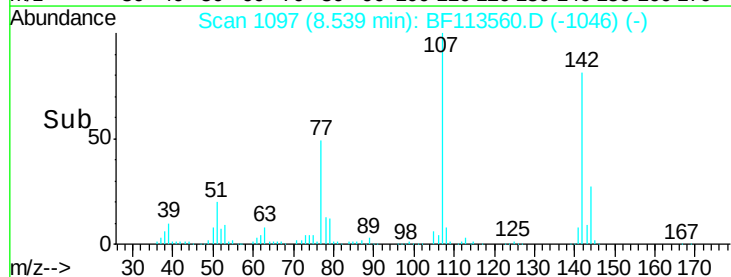
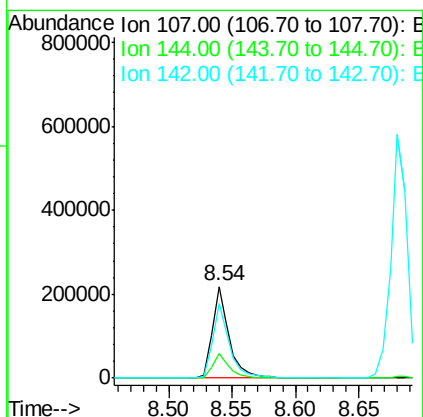
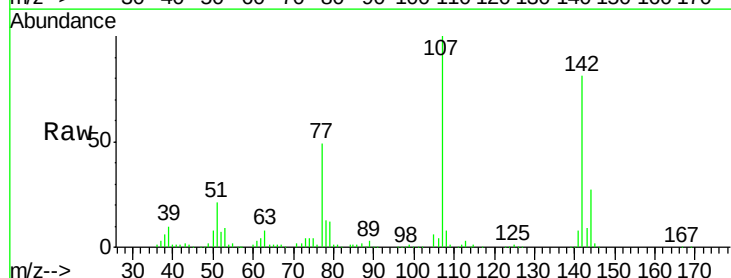
RT: 8.54 min Scan# 1097

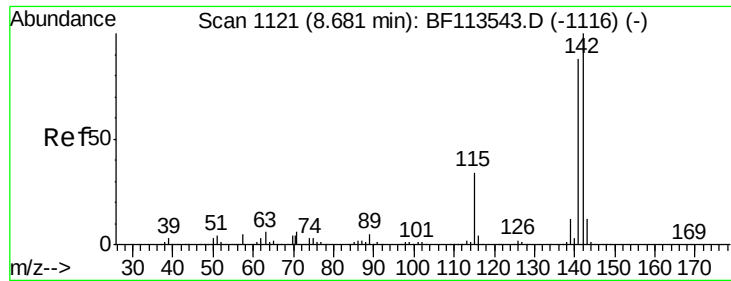
Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:107 Resp: 205460
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.4 32.0
 142 81.2 65.6 98.4





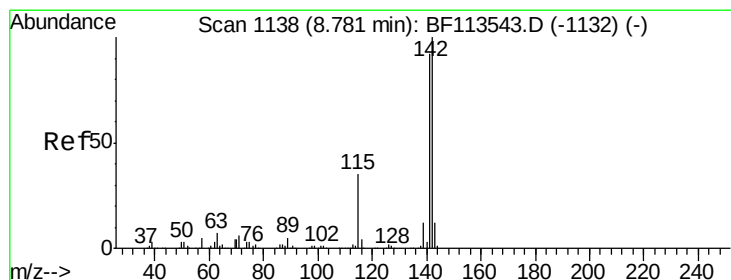
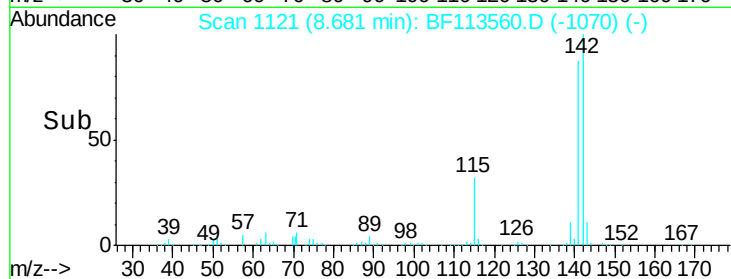
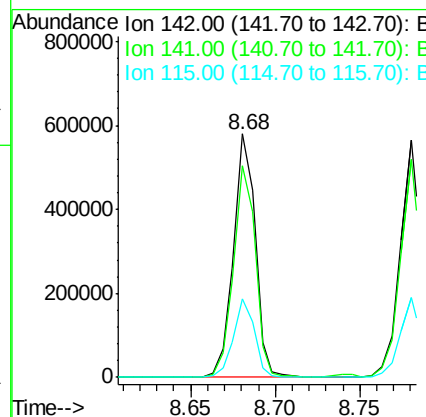
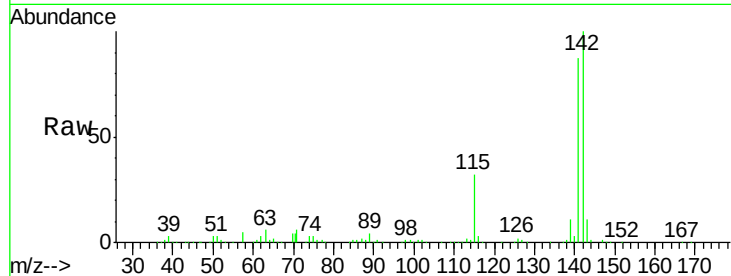
#37
 2-Methylnaphthalene
 Concen: 40.475 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	521709		
141	87.1	71.0	106.6	
115	32.2	26.6	39.8	

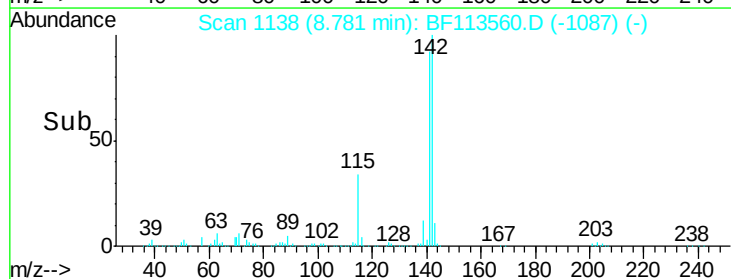
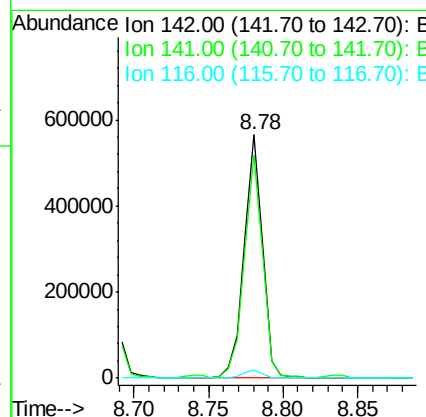
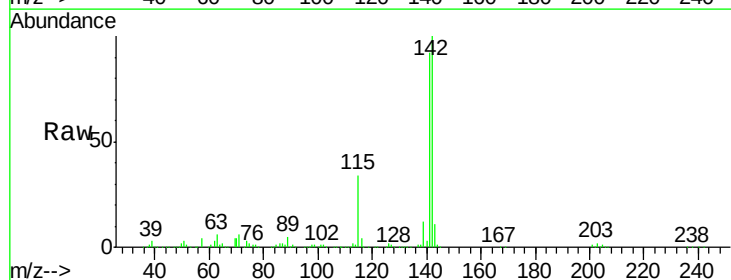
Manual Integrations
 APPROVED

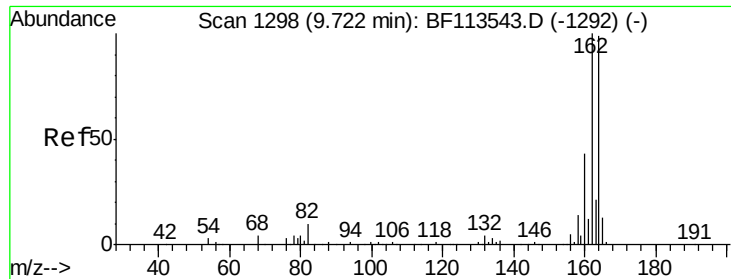
Sohil
 4/4/2019 10:57:52 AM



#38
 1-Methylnaphthalene
 Concen: 38.892 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	483387		
141	91.9	73.2	109.8	
116	3.6	3.0	4.4	





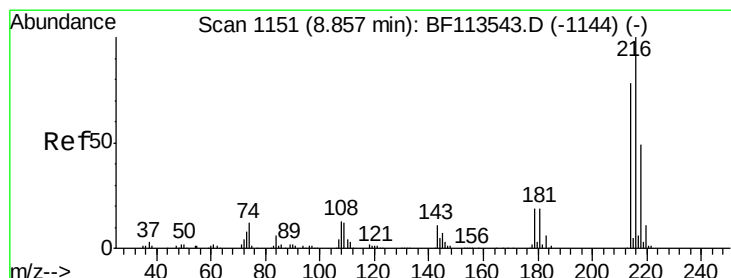
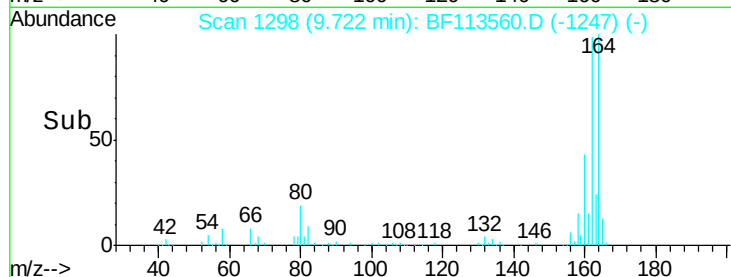
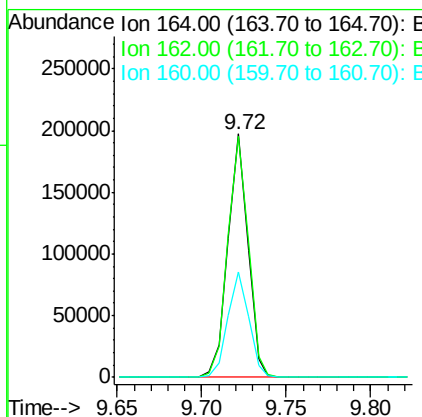
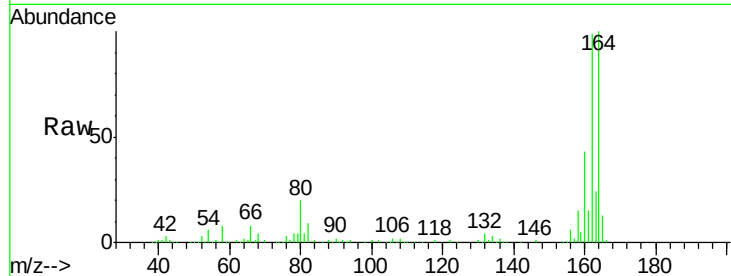
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163225		
162	98.8	81.8	122.6	
160	43.3	36.4	54.6	

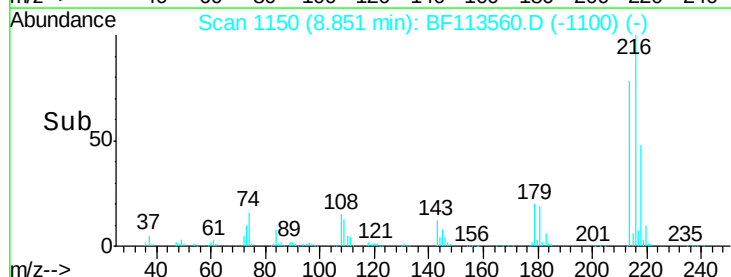
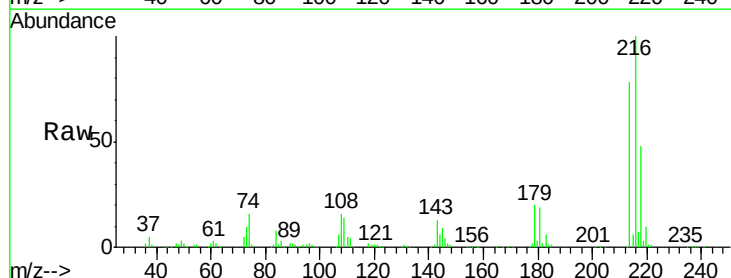
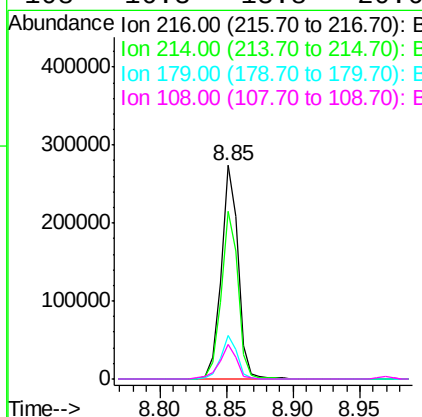
Manual Integrations
APPROVED

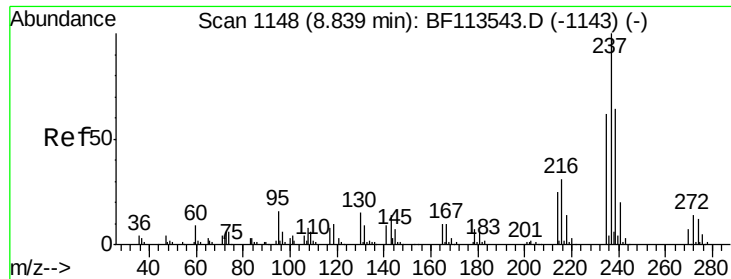
Sohil
4/4/2019 10:57:52 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.420 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	245044		
214	78.5	63.0	94.6	
179	19.7	16.8	25.2	
108	16.3	13.8	20.6	





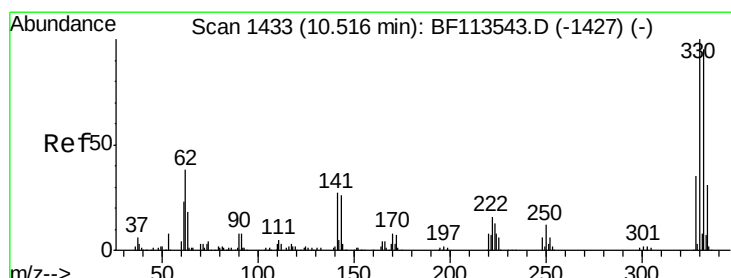
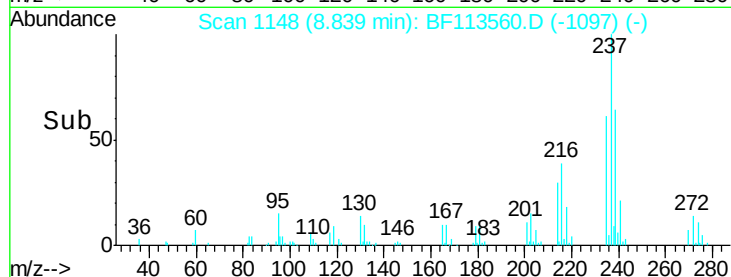
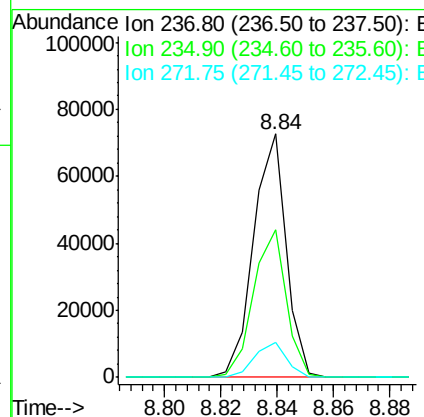
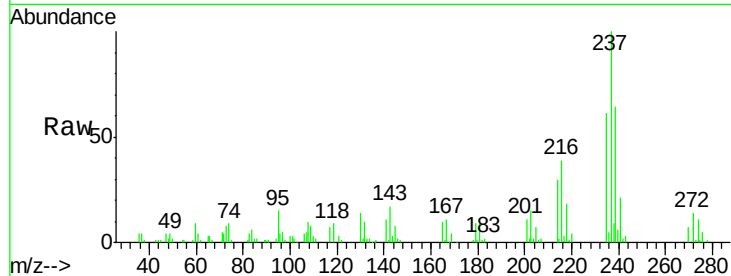
#41
Hexachlorocyclopentadiene
Concen: 39.597 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion:	237	Resp:	58162
Ion Ratio	Lower	Upper	
237	100		
235	60.7	43.4	83.4
272	14.1	0.0	33.7

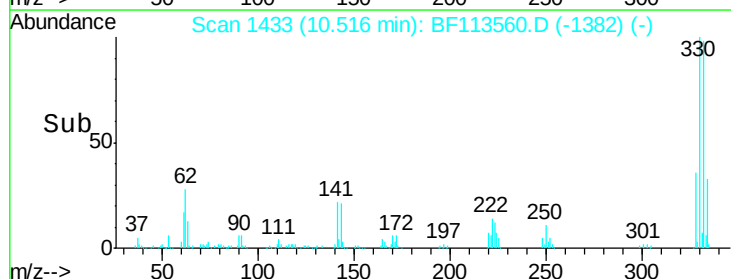
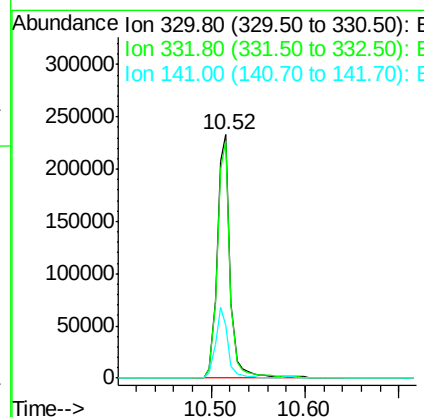
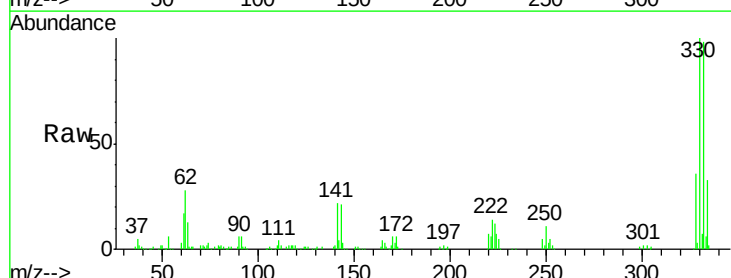
Manual Integrations
APPROVED

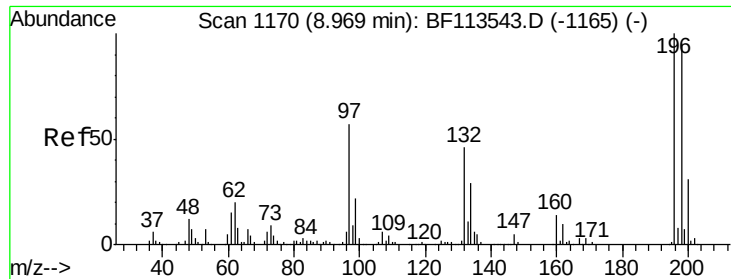
Sohil
4/4/2019 10:57:52 AM



#42
2,4,6-Tribromophenol
Concen: 117.395 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion:	330	Resp:	230180
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.8	116.6
141	27.3	22.7	34.1





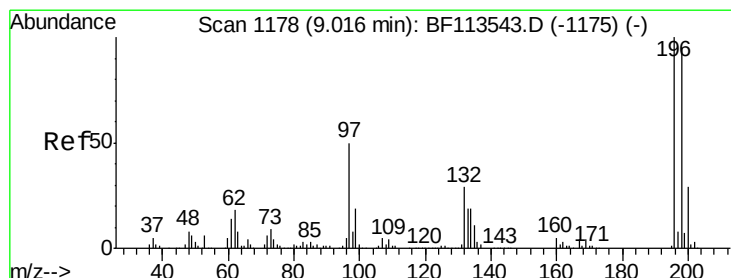
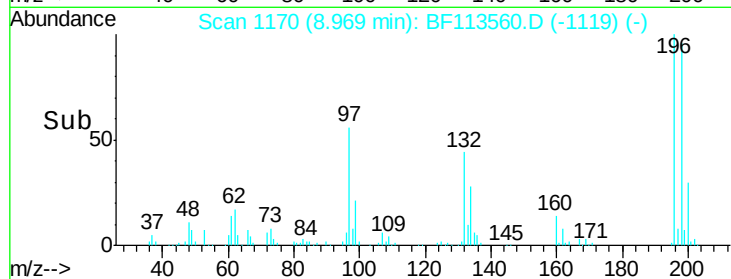
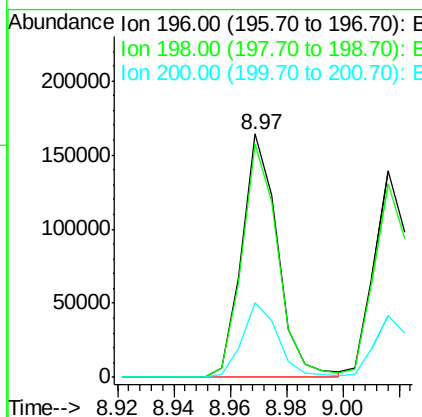
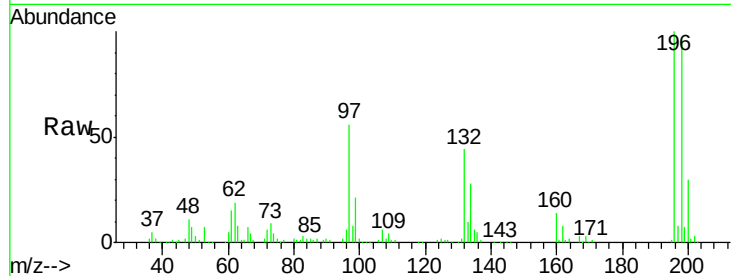
#43
 2,4,6-Trichlorophenol
 Concen: 43.313 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144326		
198	95.7	77.7	116.5	
200	30.4	24.9	37.3	

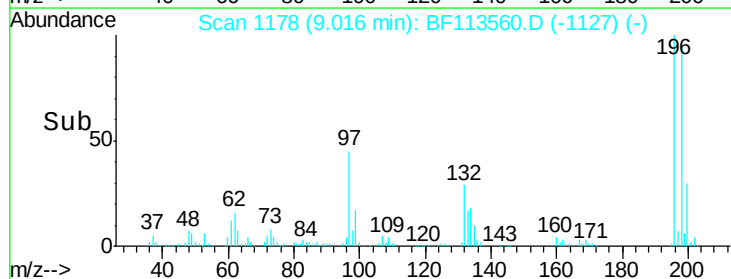
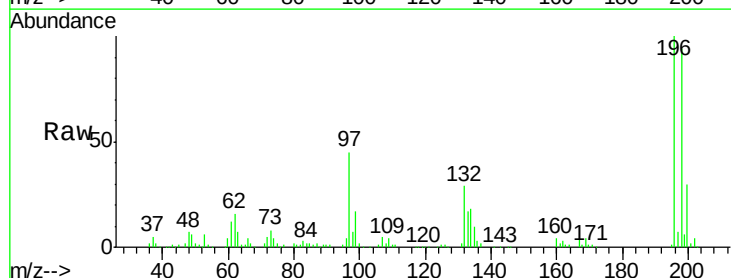
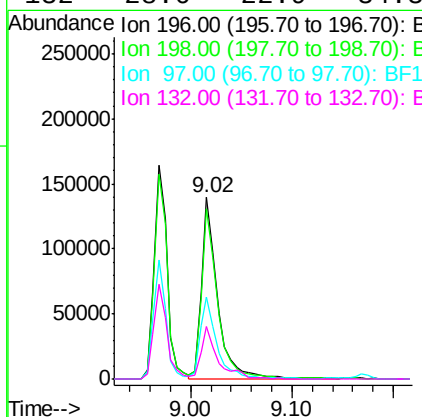
Manual Integrations
 APPROVED

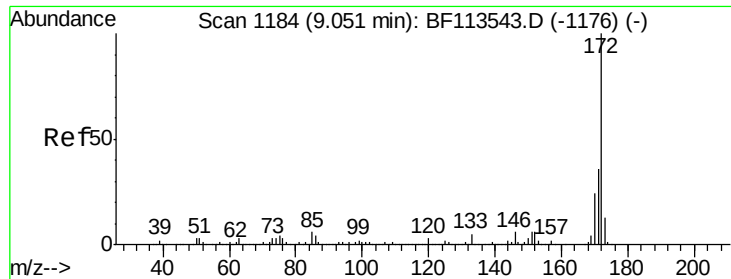
Sohil
 4/4/2019 10:57:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.737 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152884		
198	93.7	75.4	113.2	
97	45.1	38.6	58.0	
132	28.6	22.9	34.3	





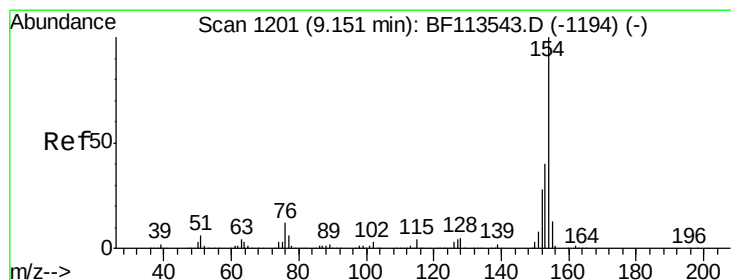
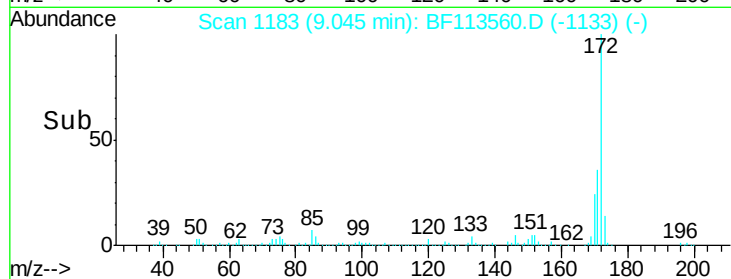
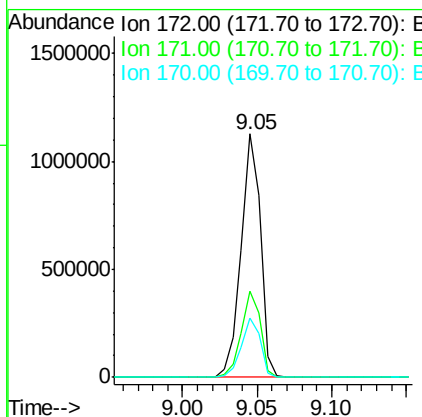
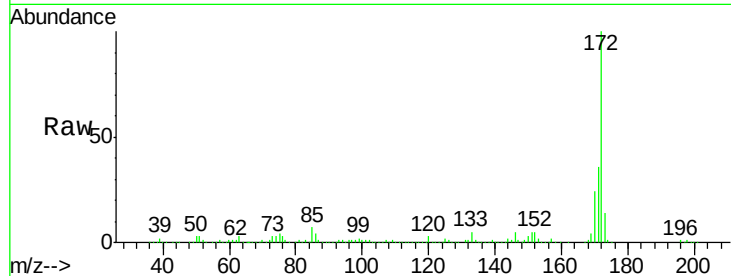
#45
2-Fluorobiphenyl
Concen: 101.010 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampled :
VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.1	19.5	29.3

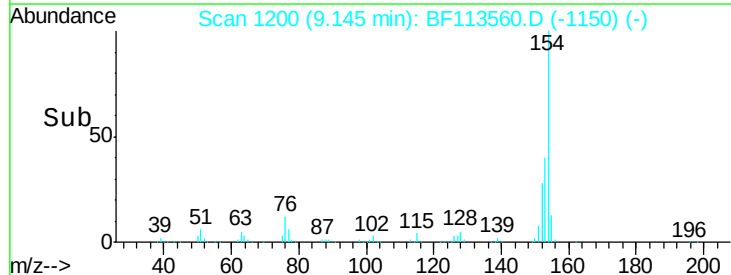
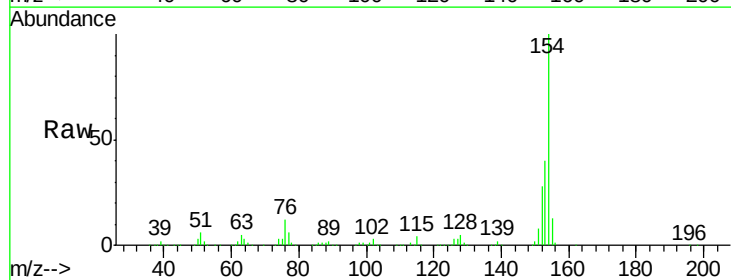
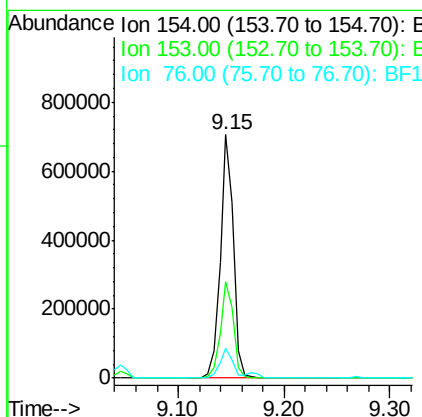
Manual Integrations
APPROVED

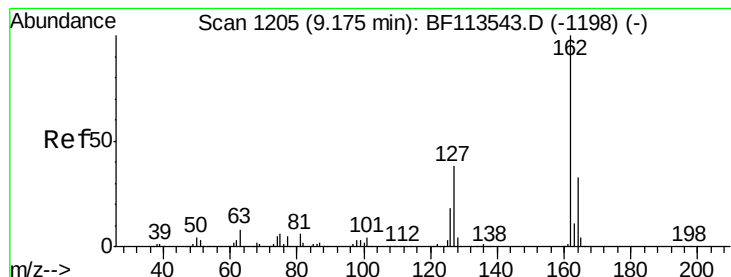
Sohil
4/4/2019 10:57:52 AM



#46
1,1'-Biphenyl
Concen: 45.752 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.8	60.8
76	12.3	0.0	31.9





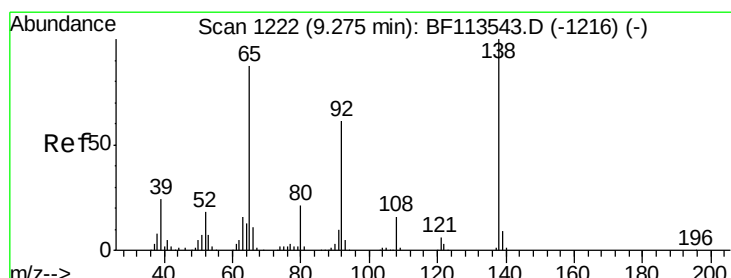
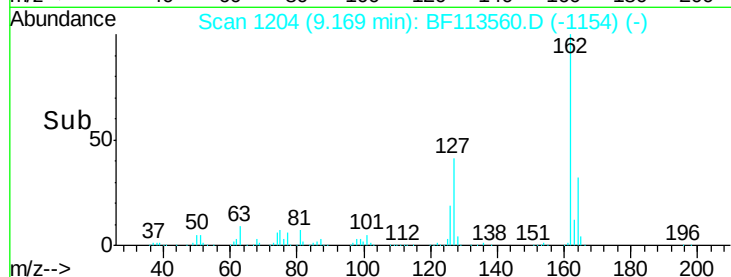
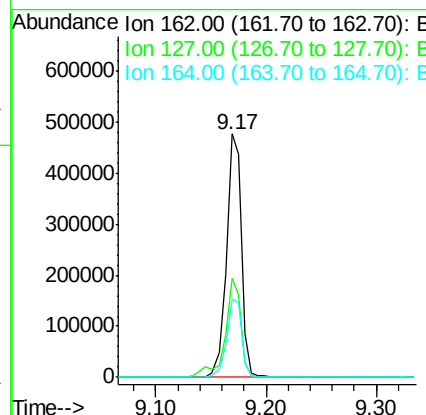
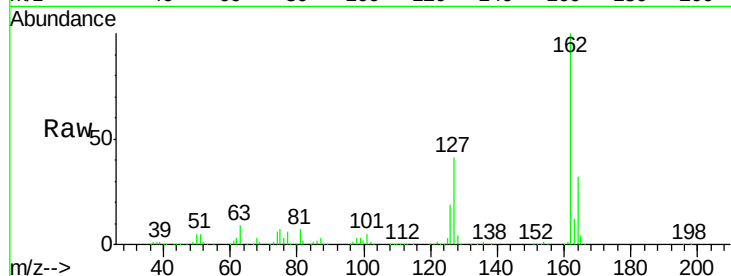
#47
2-Chloronaphthalene
Concen: 44.412 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	452912		
127	40.7	32.6	49.0	
164	32.4	26.6	39.8	

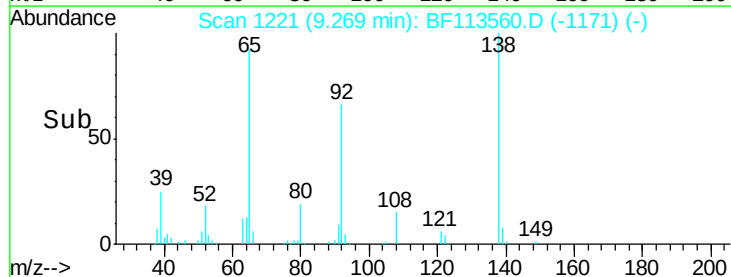
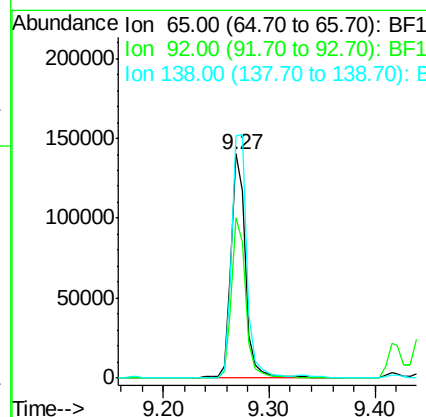
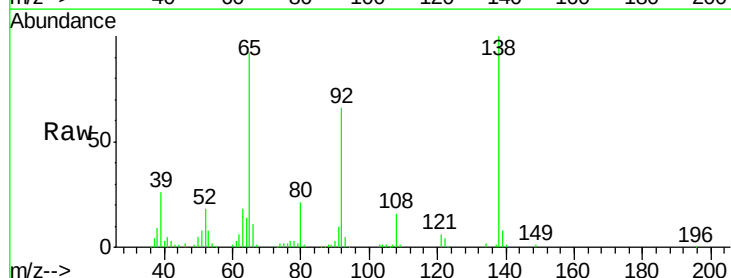
Manual Integrations
APPROVED

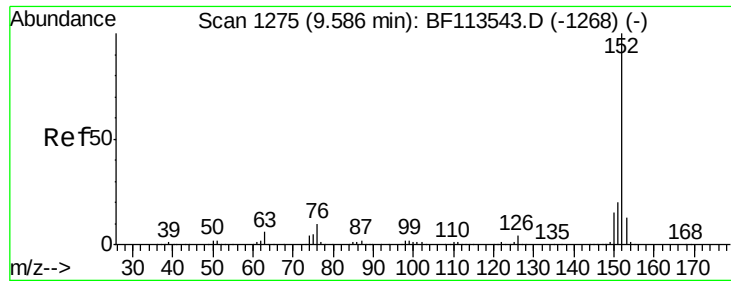
Sohil
4/4/2019 10:57:52 AM



#48
2-Nitroaniline
Concen: 42.687 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	133203		
92	71.7	56.8	85.2	
138	108.3	92.3	138.5	





#49

Acenaphthylene

Concen: 42.664 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

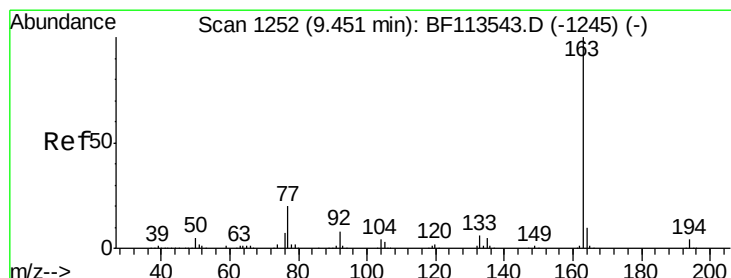
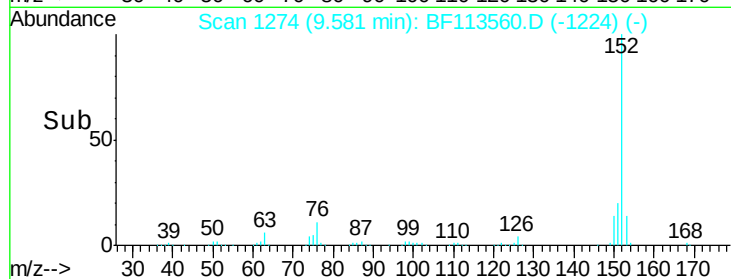
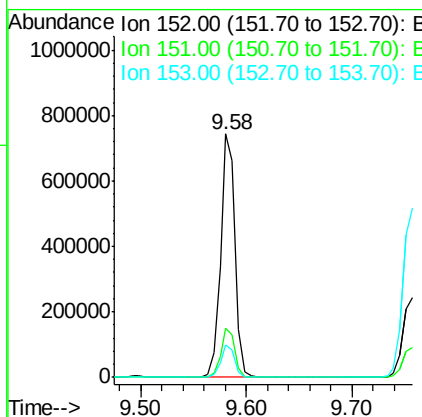
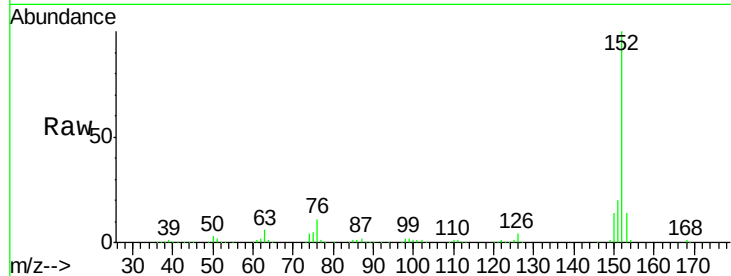
ClientSampleId :

VN-SP-1MS

Tgt Ion:	152	Resp:	707499
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.6	11.0	16.6

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#50

Dimethylphthalate

Concen: 42.368 ng

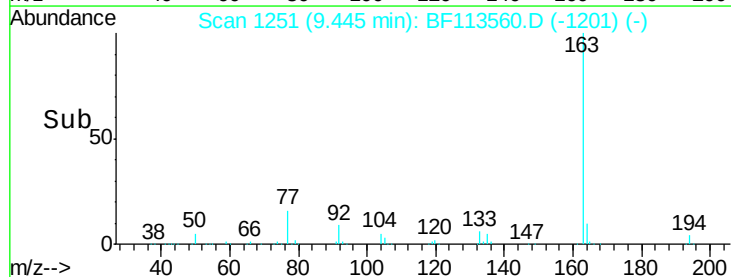
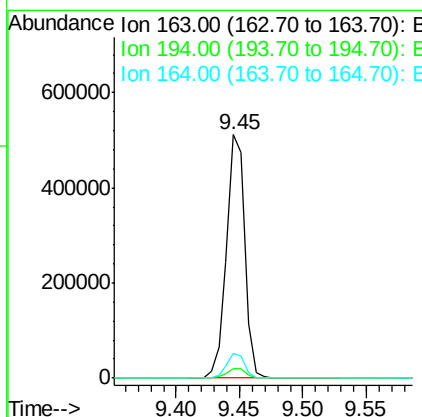
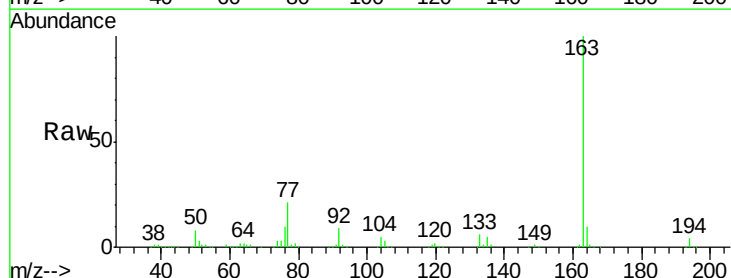
RT: 9.45 min Scan# 1251

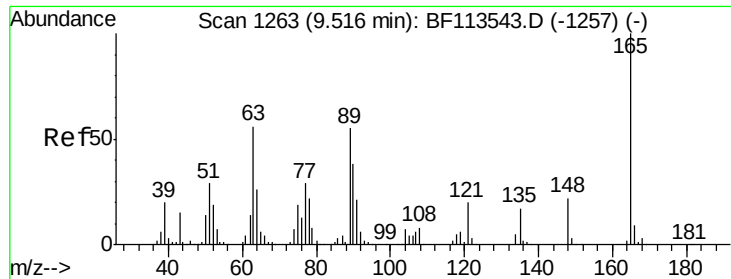
Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	163	Resp:	509766
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	10.4	8.1	12.1





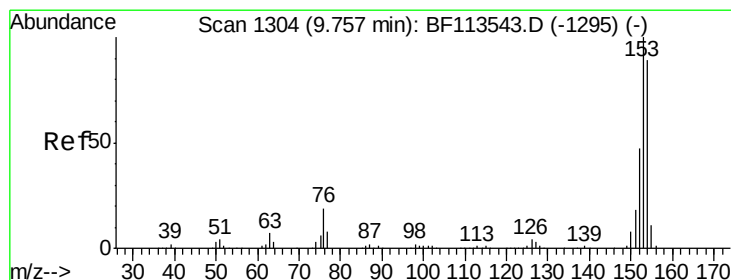
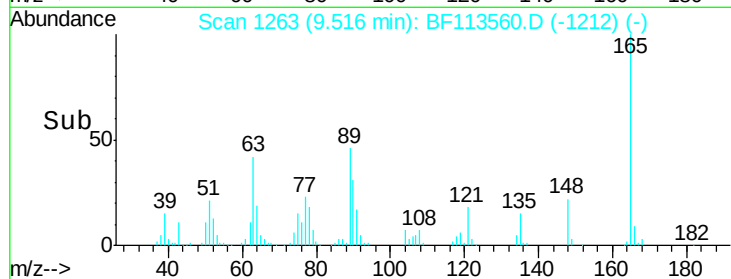
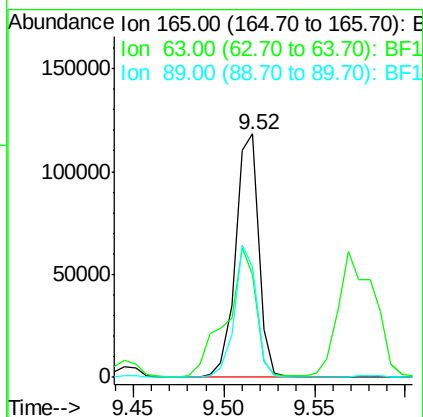
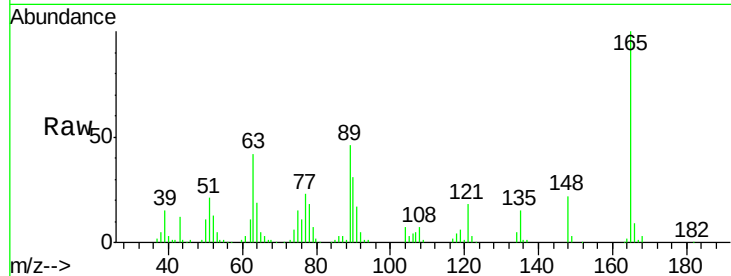
#51
2,6-Dinitrotoluene
Concen: 39.916 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.4	43.4	65.0#
89	45.6	43.1	64.7

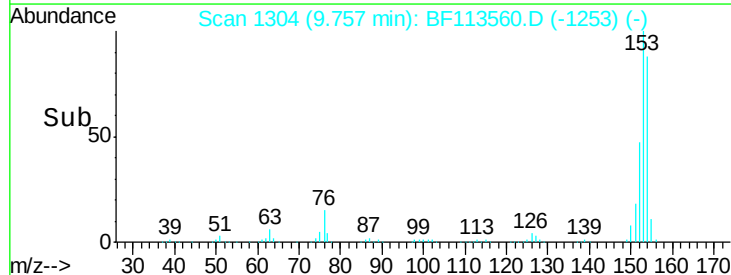
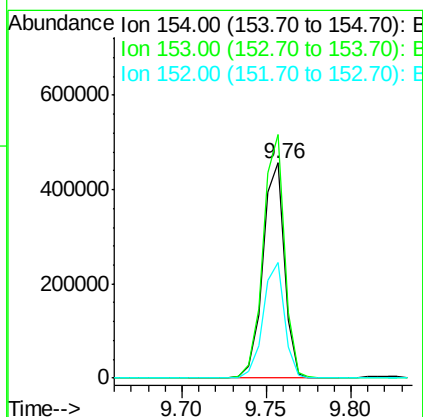
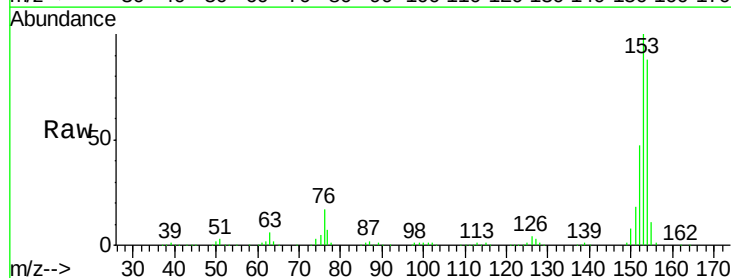
Manual Integrations
APPROVED

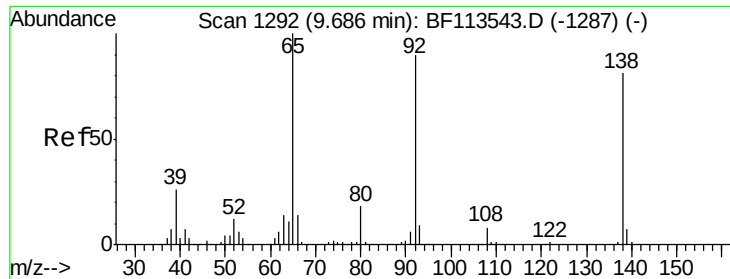
Sohil
4/4/2019 10:57:52 AM



#52
Acenaphthene
Concen: 42.791 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.1	89.5	134.3
152	53.5	43.3	64.9





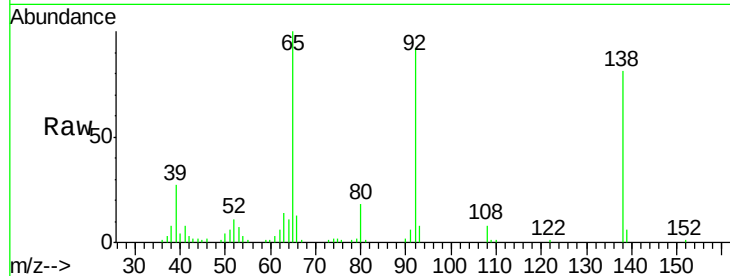
#53
3-Nitroaniline
Concen: 11.690 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

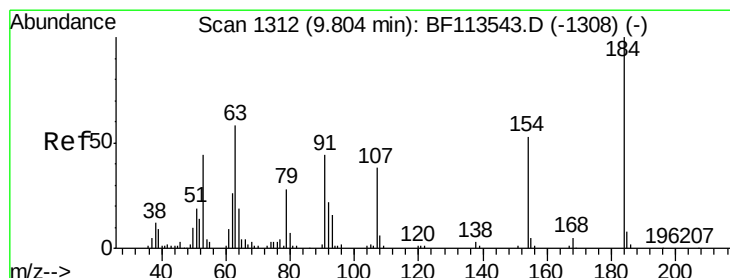
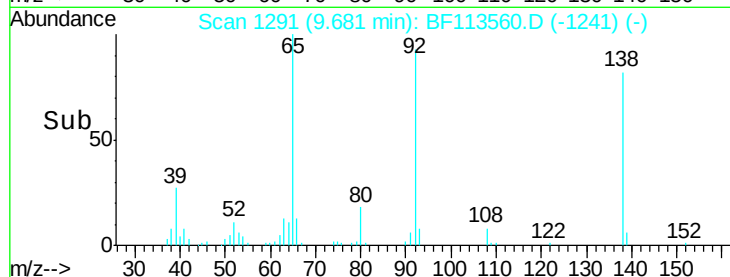
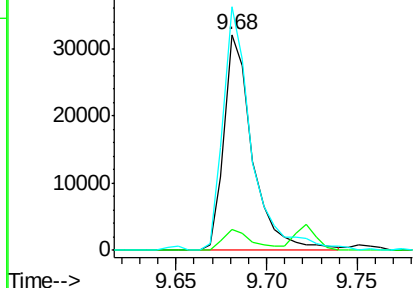
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.6
92	112.8	82.6	124.0

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



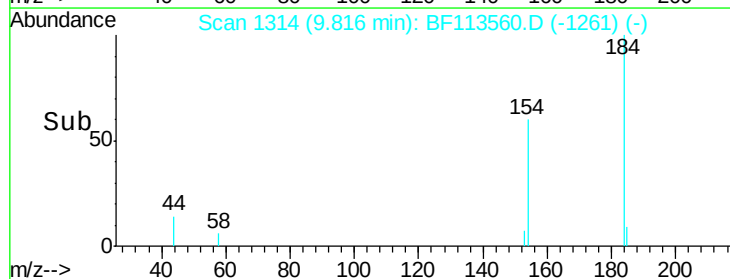
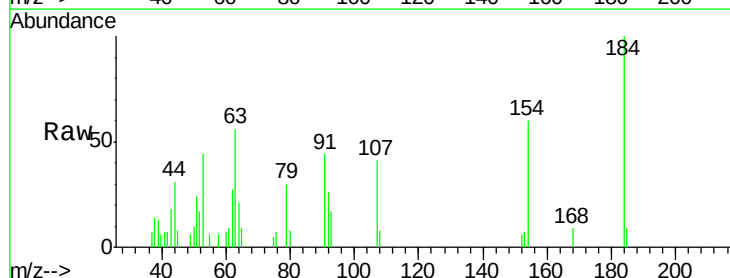
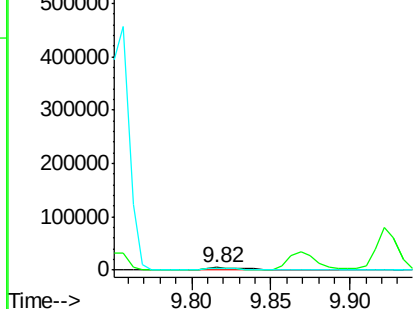
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

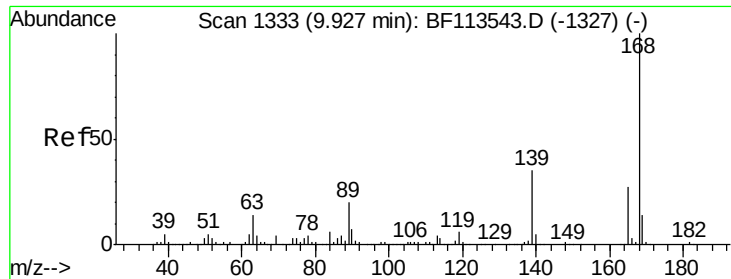


#54
2,4-Dinitrophenol
Concen: 8.258 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	54.3	81.5
154	60.0	48.4	72.6

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





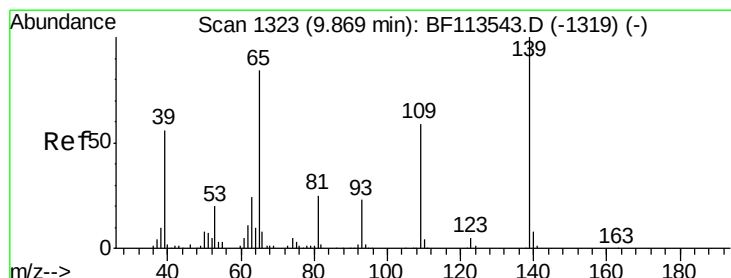
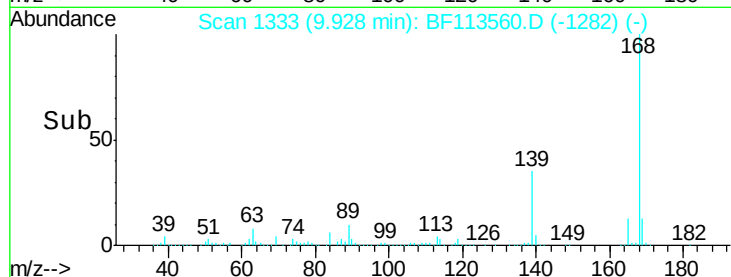
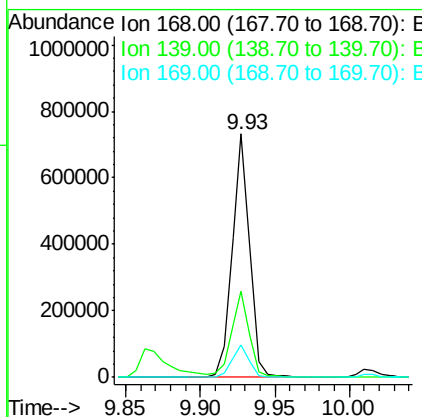
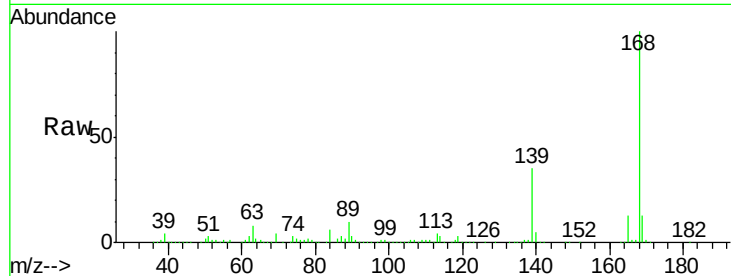
#55
Dibenzenofuran
Concen: 43.420 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampled :
VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.7	44.5
169	13.2	10.7	16.1

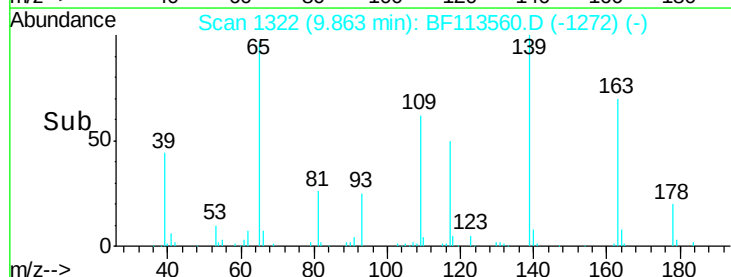
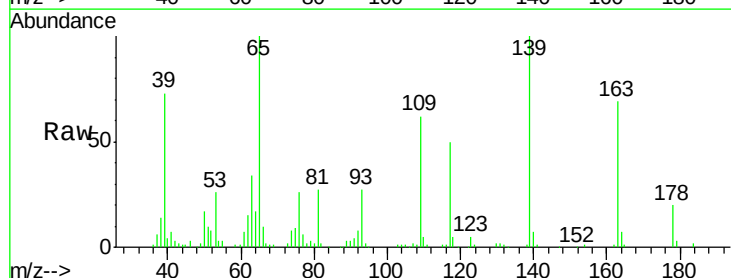
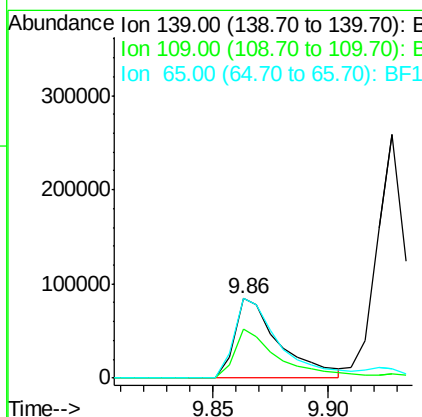
Manual Integrations
APPROVED

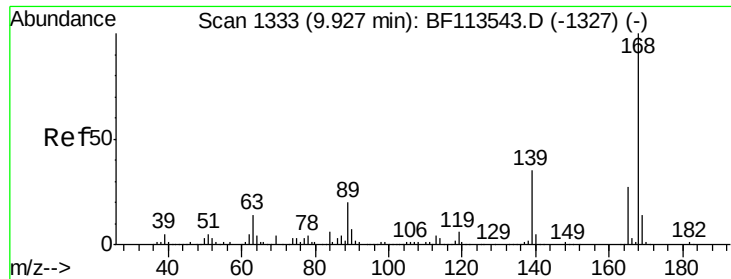
Sohil
4/4/2019 10:57:52 AM



#56
4-Nitrophenol
Concen: 61.178 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

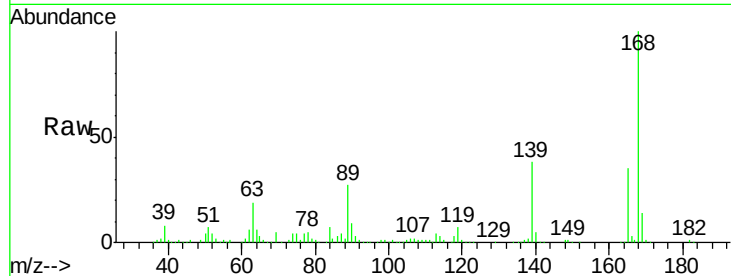
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	46.9	86.9
65	100.1	77.2	117.2





#57
2,4-Dinitrotoluene
Concen: 38.909 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

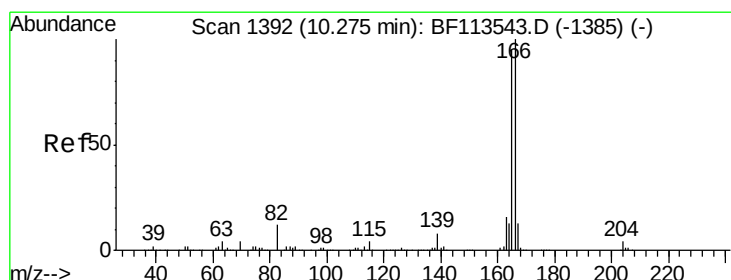
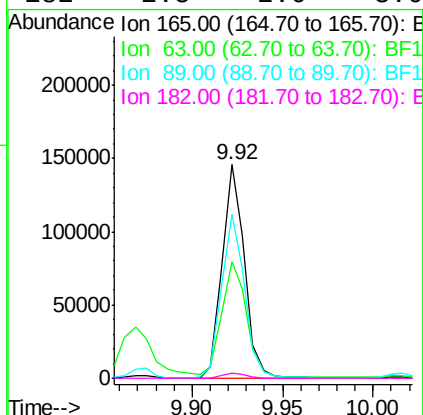
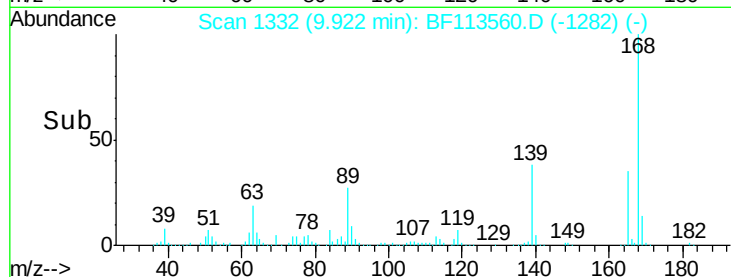
Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	124805		
63	54.4	37.5	56.3	
89	76.9	57.4	86.2	
182	2.5	2.0	3.0	

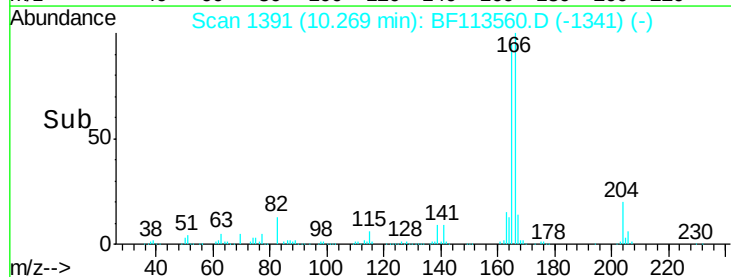
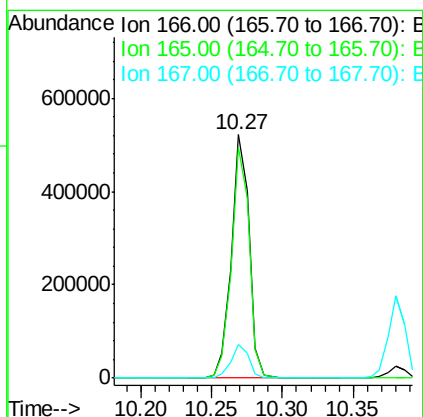
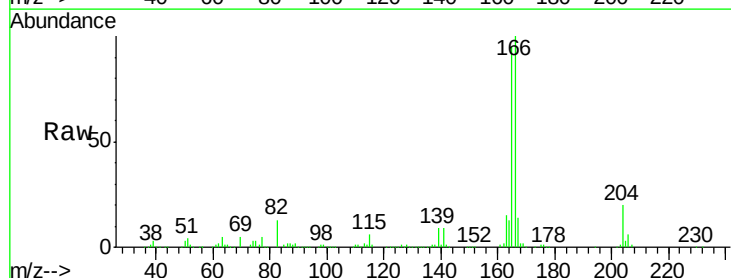
Manual Integrations
APPROVED

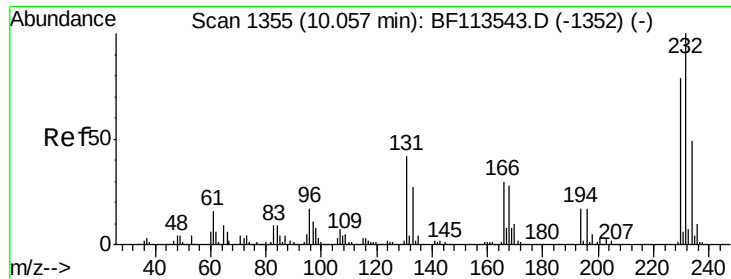
Sohil
4/4/2019 10:57:52 AM



#58
Fluorene
Concen: 41.539 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	457481		
165	94.9	76.2	114.2	
167	14.1	10.7	16.1	





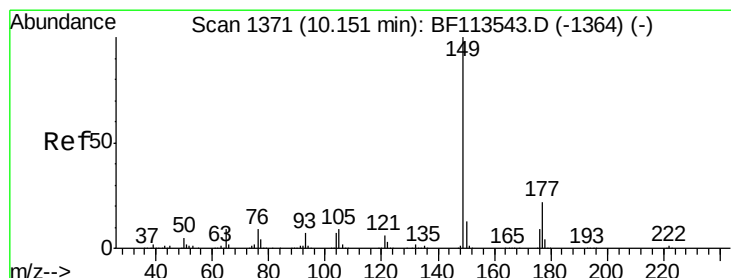
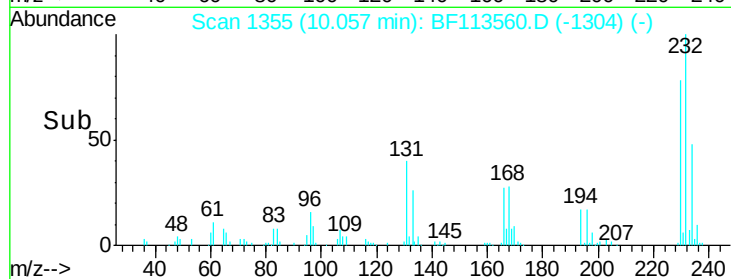
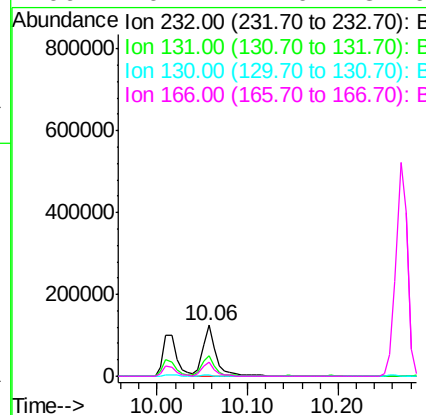
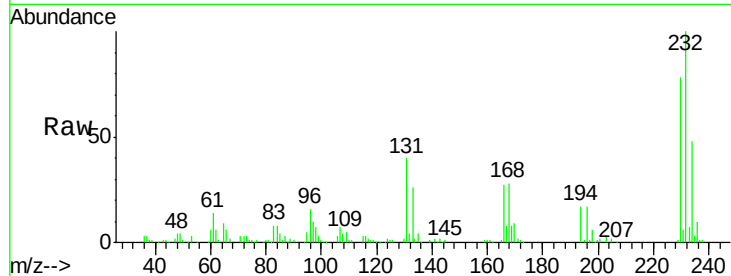
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.719 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	126088		
131	39.1	33.2	49.8	
130	1.7	1.6	2.4	
166	26.1	21.0	31.6	

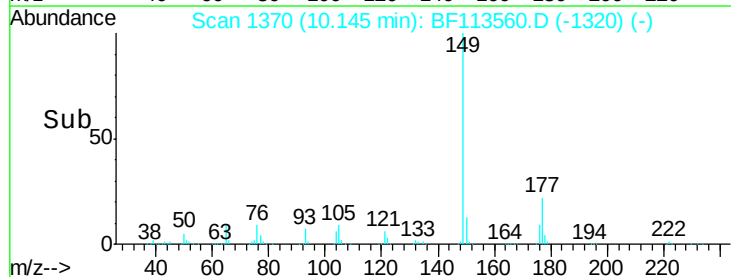
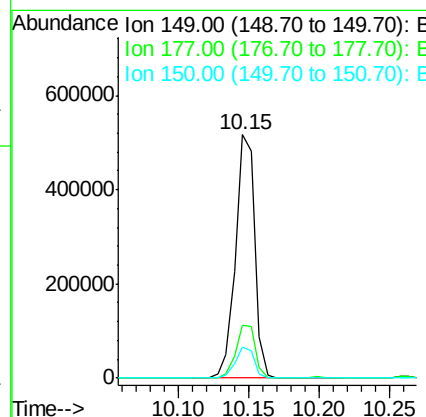
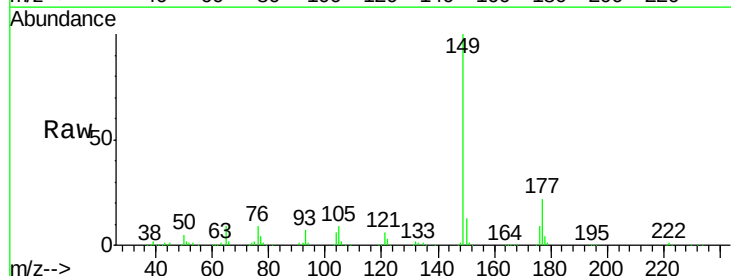
Manual Integrations
 APPROVED

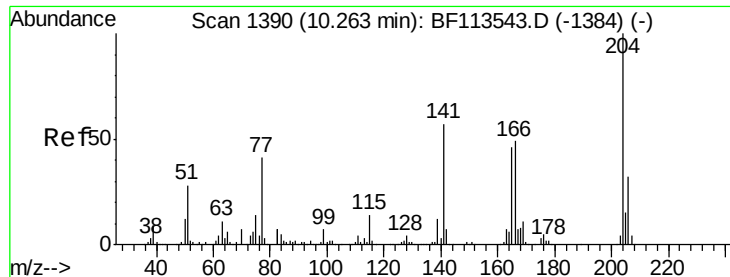
Sohil
 4/4/2019 10:57:52 AM



#60
 Diethylphthalate
 Concen: 42.186 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	489377		
177	21.7	17.4	26.0	
150	12.6	10.0	15.0	





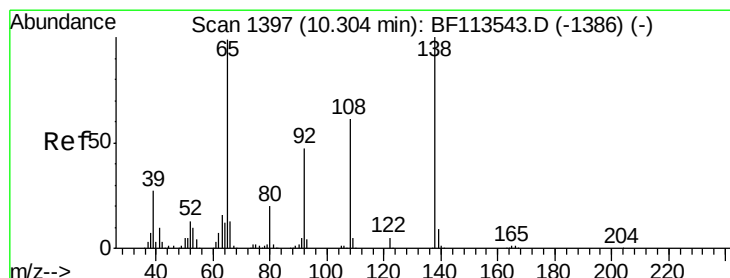
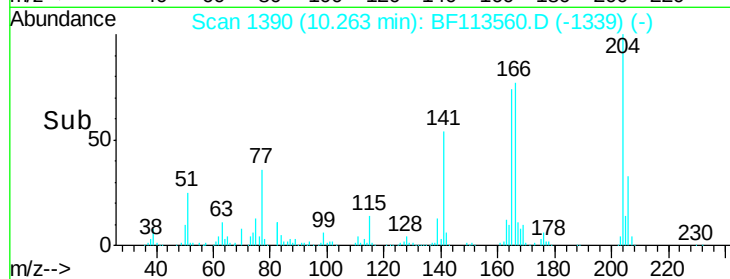
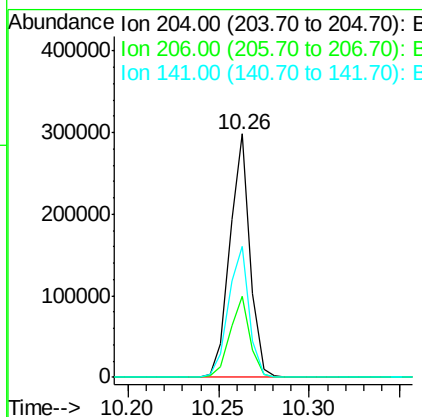
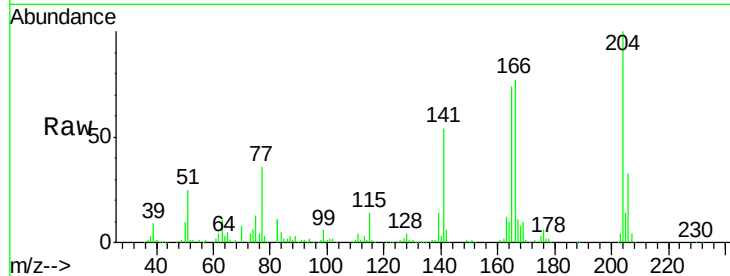
#61
 4-Chlorophenyl-phenylether
 Concen: 42.719 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampled :
 VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	231413		
206	33.4	26.9	40.3	
141	54.0	48.8	73.2	

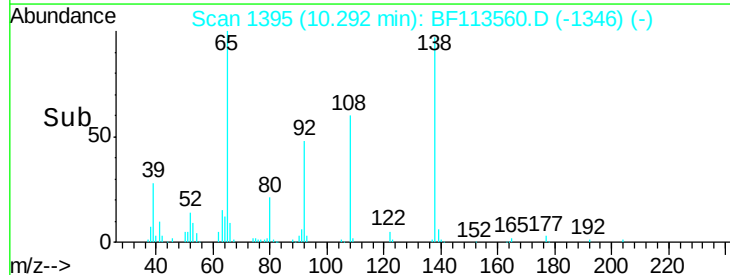
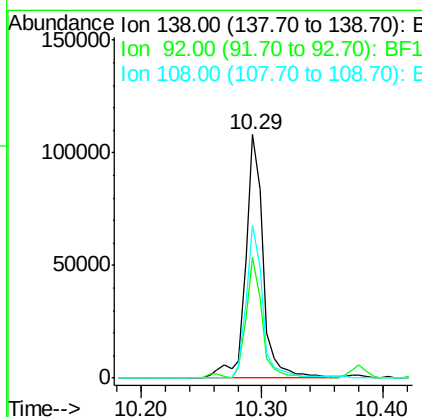
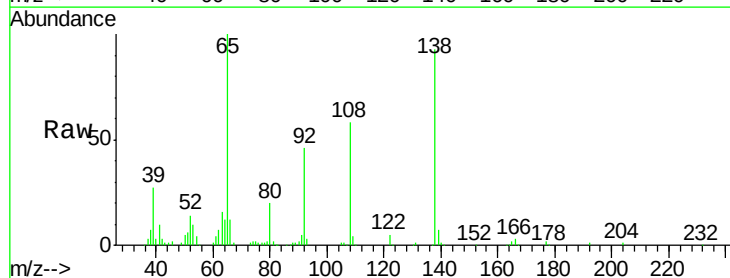
Manual Integrations
 APPROVED

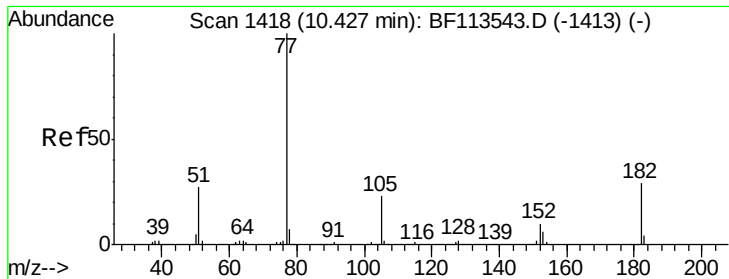
Sohil
 4/4/2019 10:57:52 AM



#62
 4-Nitroaniline
 Concen: 36.015 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	110433		
92	49.5	25.8	65.8	
108	62.9	44.0	84.0	





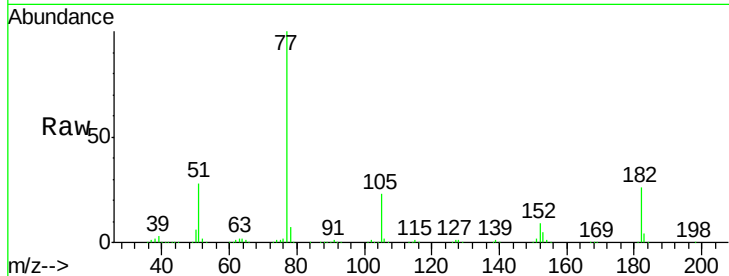
#63
Azobenzene
Concen: 39.862 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

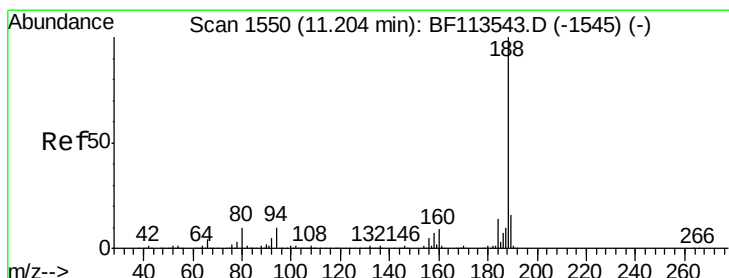
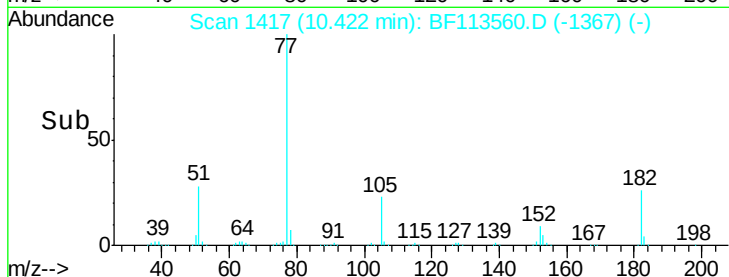
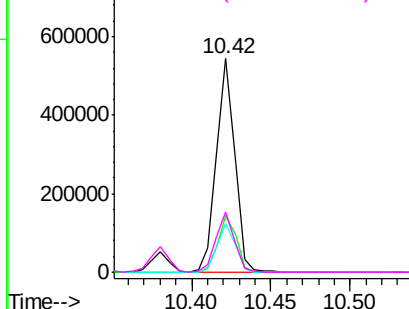
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	437834		
182	26.1	8.7	48.7	
105	23.0	2.9	42.9	
51	28.2	8.8	48.8	

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



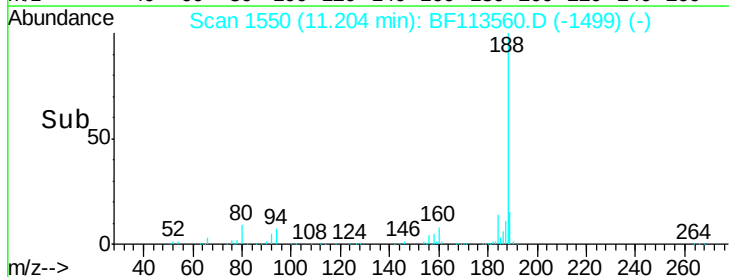
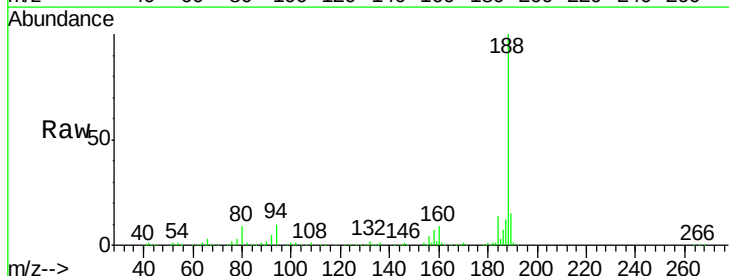
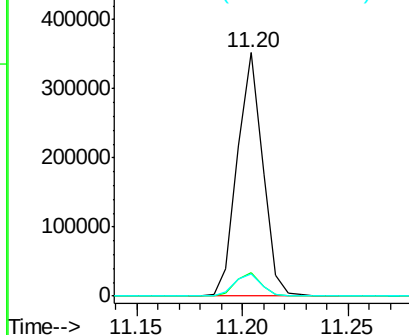
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

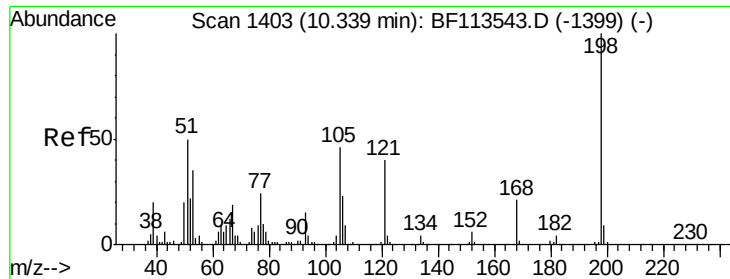


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	293140		
94	9.6	7.0	10.6	
80	9.2	7.7	11.5	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





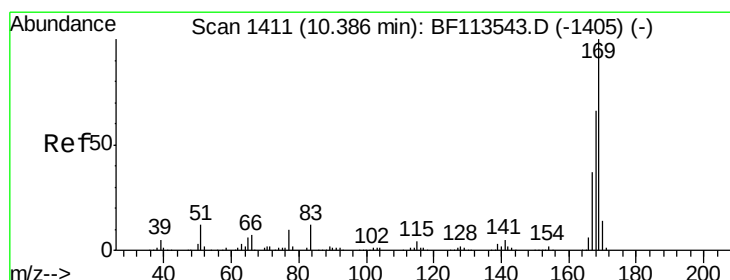
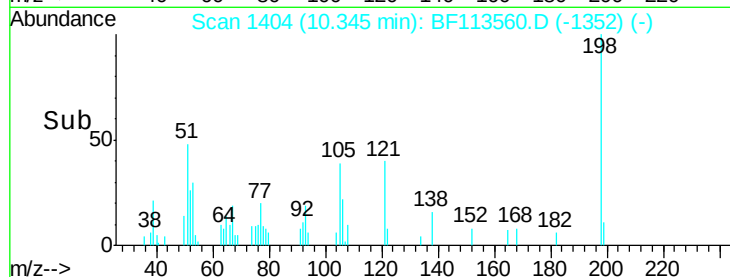
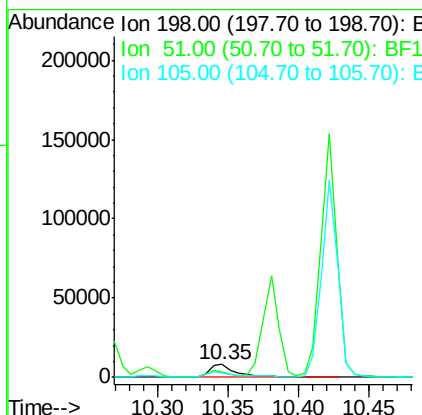
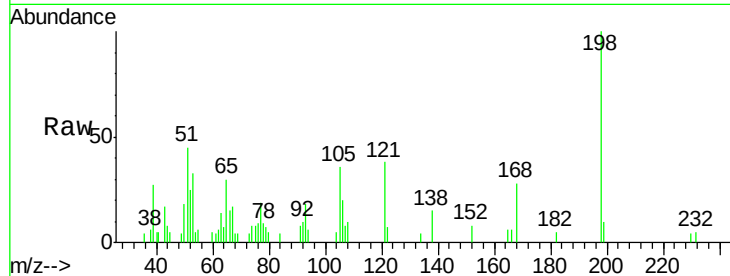
#65
4,6-Dinitro-2-methylphenol
Concen: 7.465 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.8	21.6	61.6
105	36.5	20.6	60.6

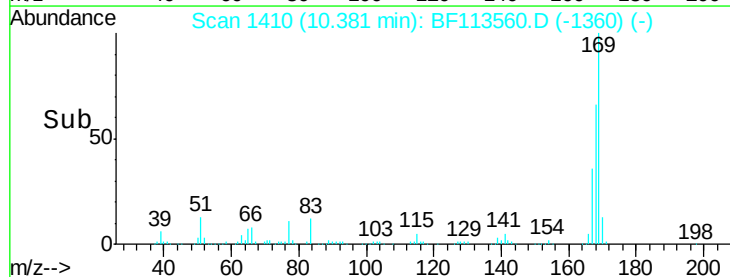
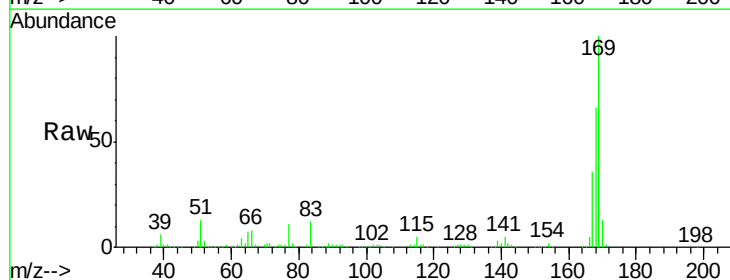
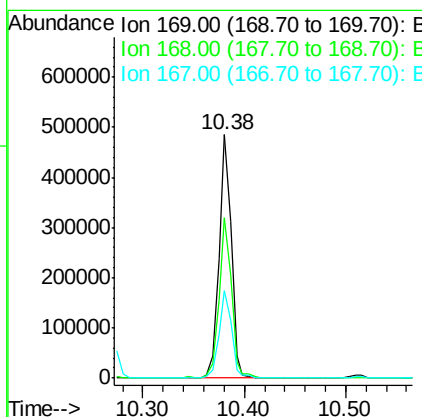
Manual Integrations
APPROVED

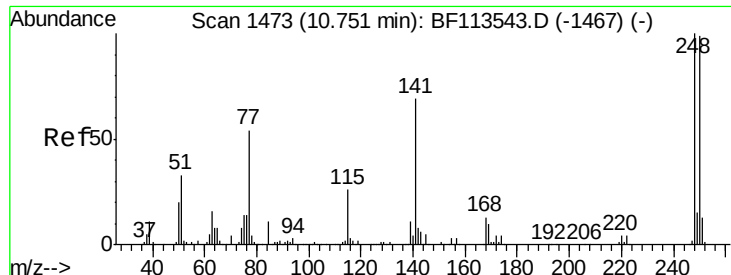
Sohil
4/4/2019 10:57:52 AM



#66
n-Nitrosodiphenylamine
Concen: 45.082 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.7	80.5
167	36.1	29.5	44.3





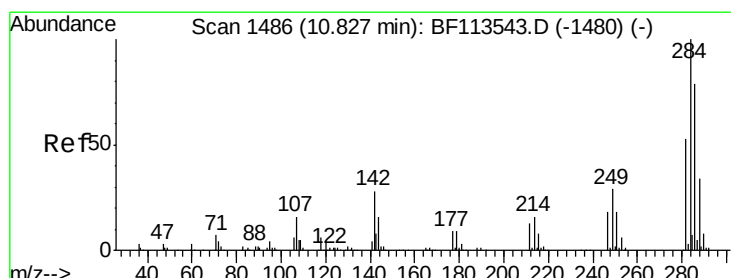
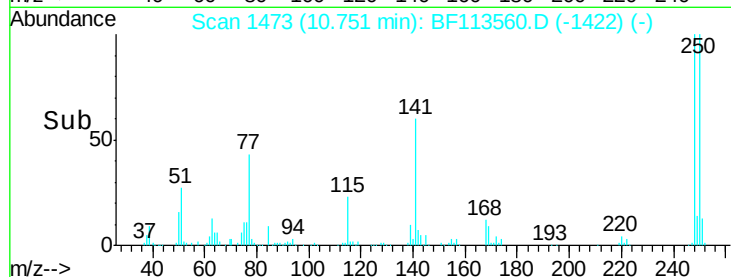
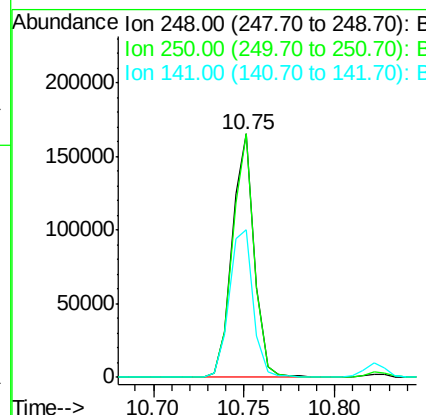
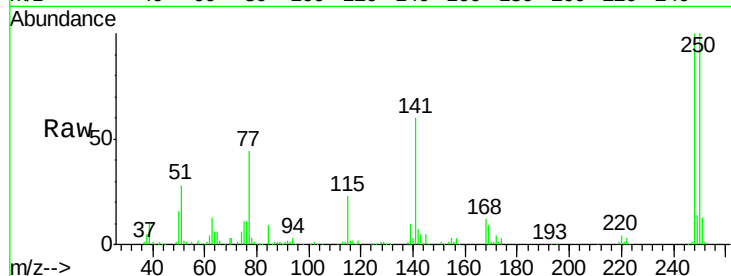
#67
 4-Bromophenyl-phenylether
 Concen: 42.722 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140457		
250	100.0	78.3	117.5	
141	60.4	56.2	84.4	

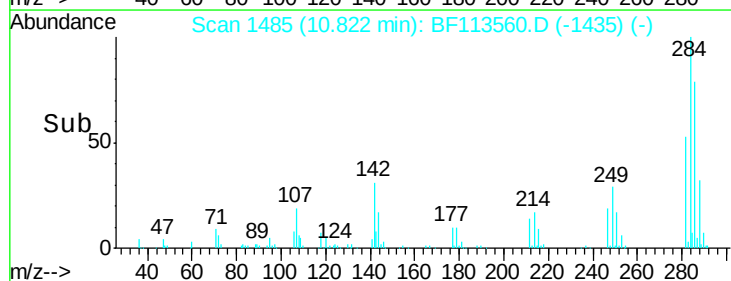
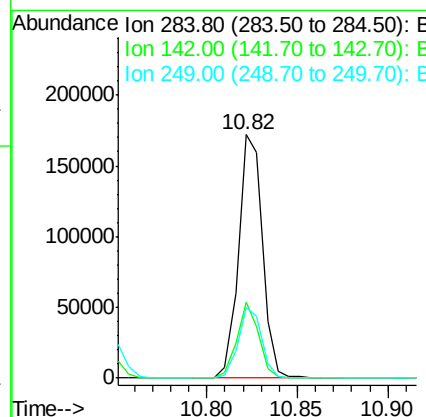
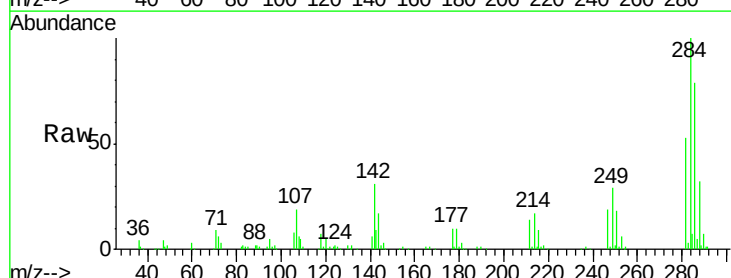
Manual Integrations
 APPROVED

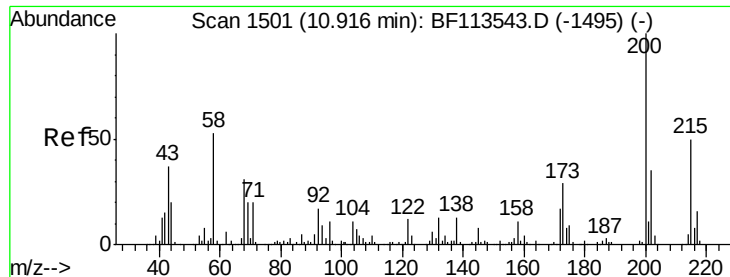
Sohil
 4/4/2019 10:57:52 AM



#68
 Hexachlorobenzene
 Concen: 41.946 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	158015		
142	31.3	20.1	30.1#	
249	29.1	22.7	34.1	





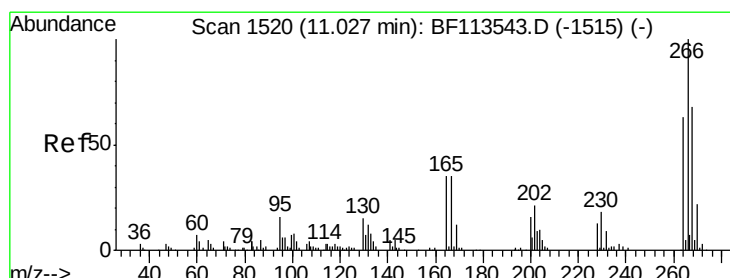
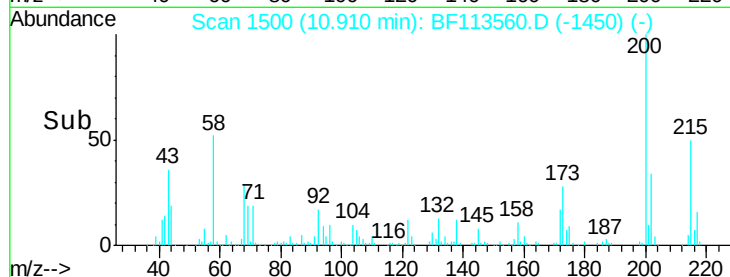
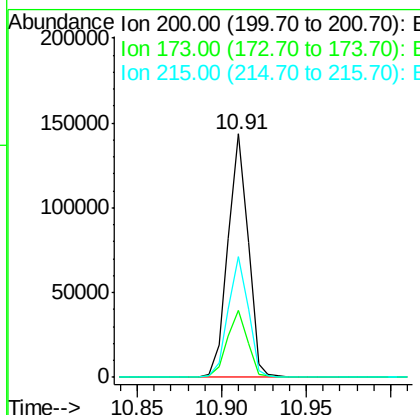
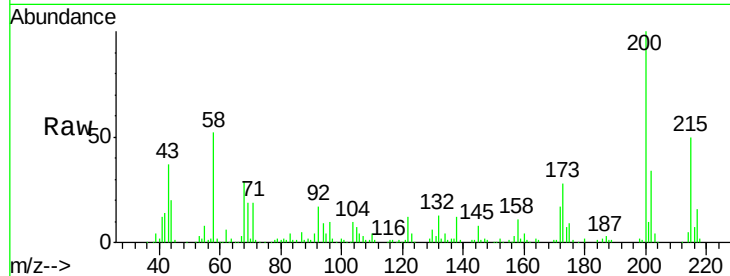
#69
Atrazine
Concen: 41.964 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	6.0	46.0
215	49.7	31.3	71.3

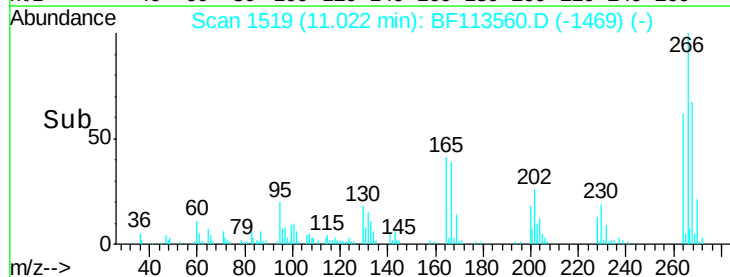
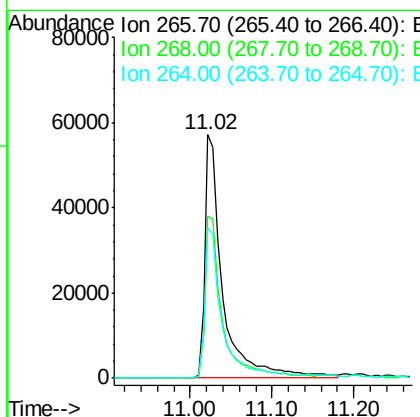
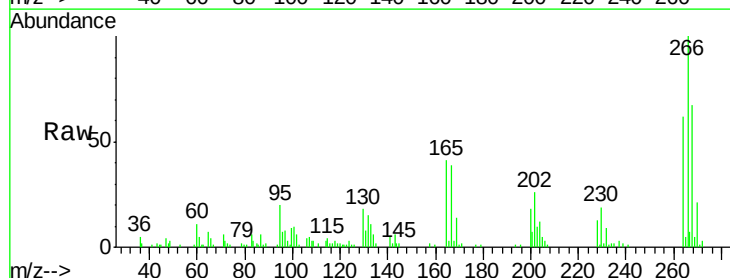
Manual Integrations
APPROVED

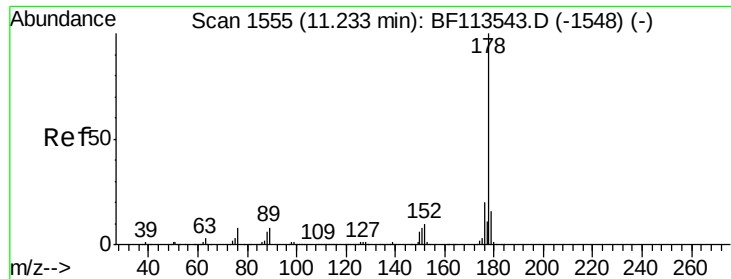
Sohil
4/4/2019 10:57:52 AM



#70
Pentachlorophenol
Concen: 49.367 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.6	53.8	80.6
264	61.6	49.2	73.8





#71

Phenanthrene

Concen: 44.117 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

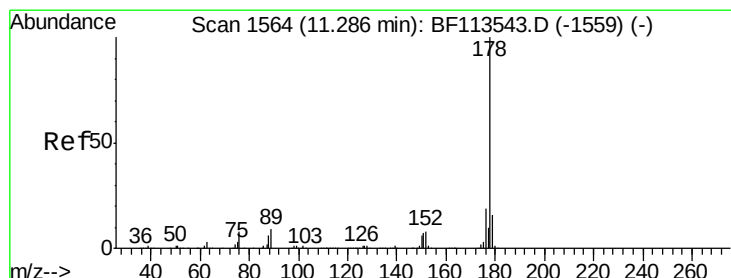
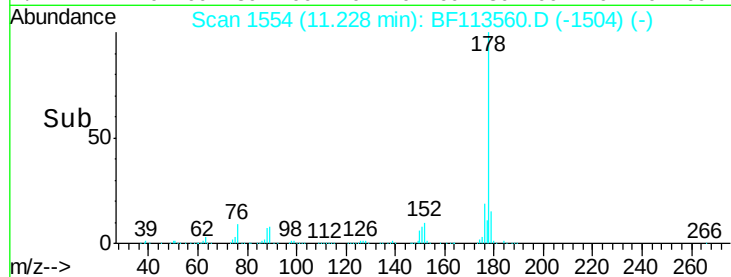
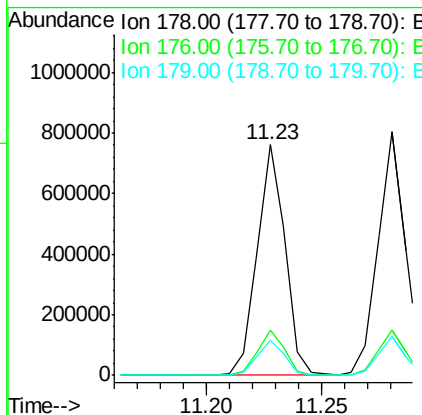
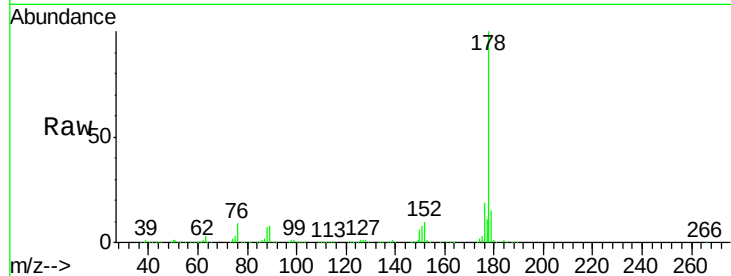
ClientSampleId :

VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.4	12.7	19.1

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#72

Anthracene

Concen: 45.153 ng

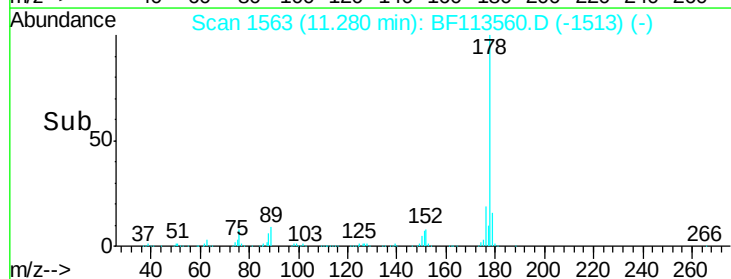
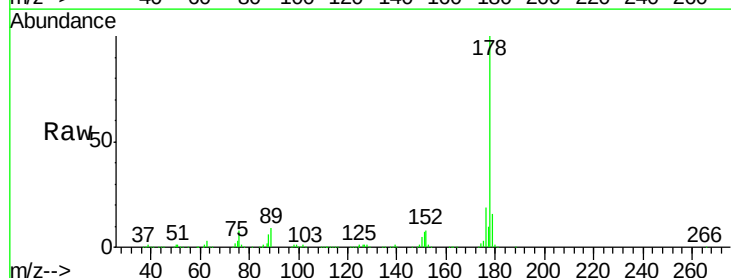
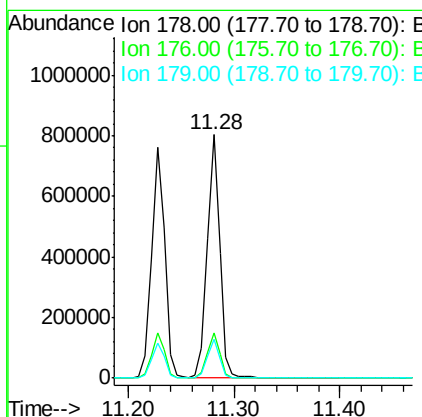
RT: 11.28 min Scan# 1563

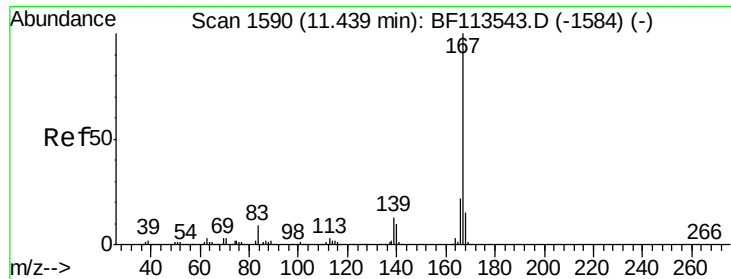
Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.8	19.2





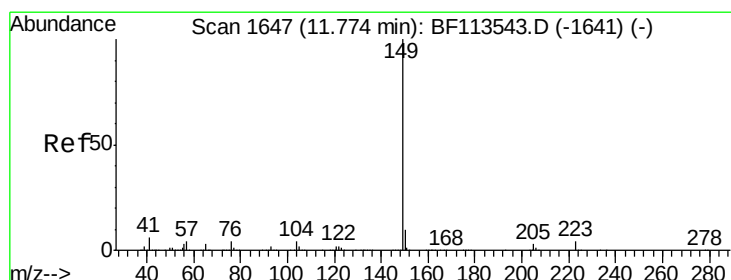
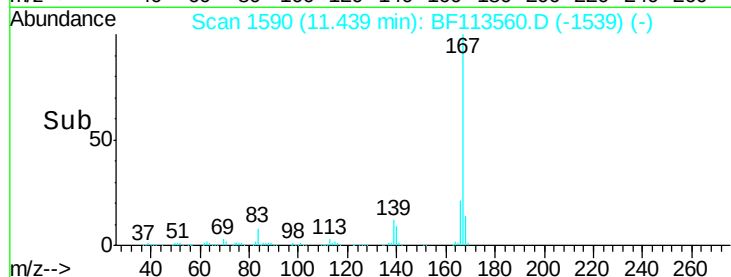
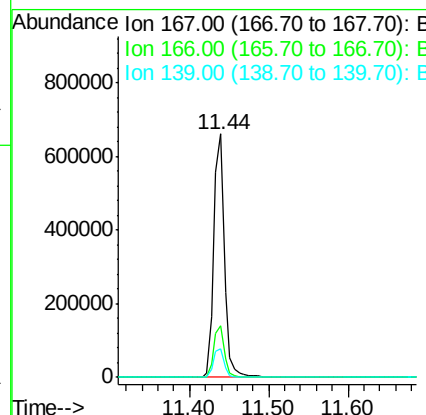
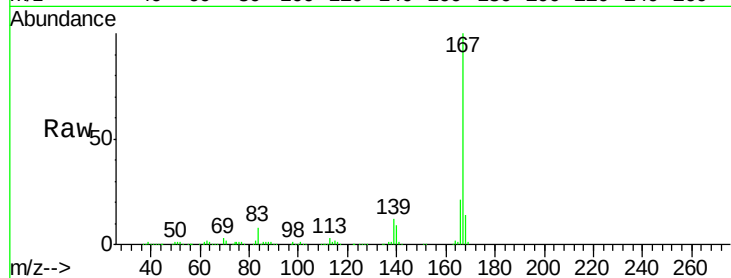
#73
 Carbazole
 Concen: 44.613 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	12.0	10.4	15.6

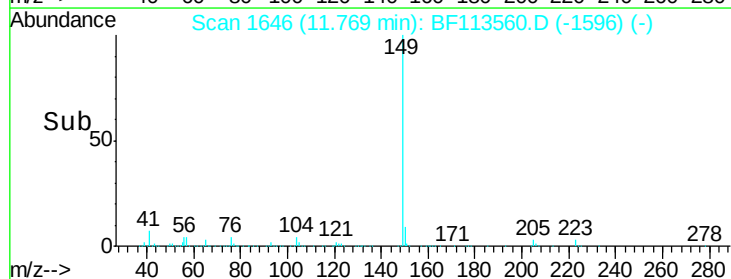
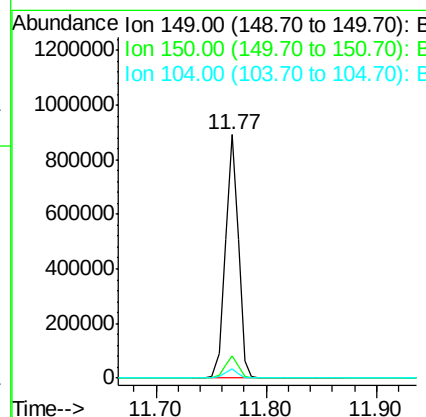
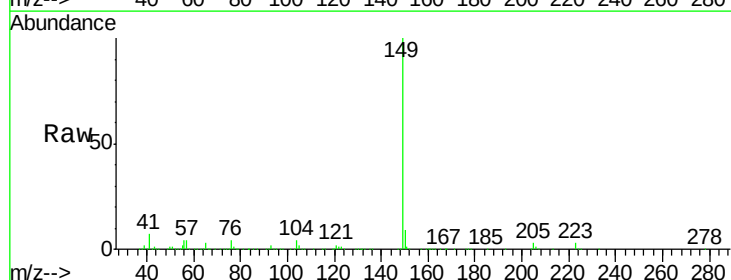
Manual Integrations
 APPROVED

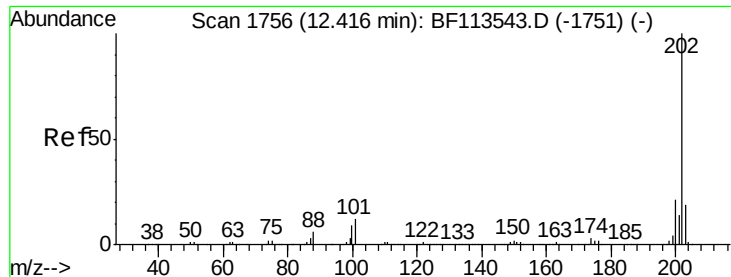
Sohil
 4/4/2019 10:57:52 AM



#74
 Di-n-butylphthalate
 Concen: 44.646 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.0	3.7	5.5





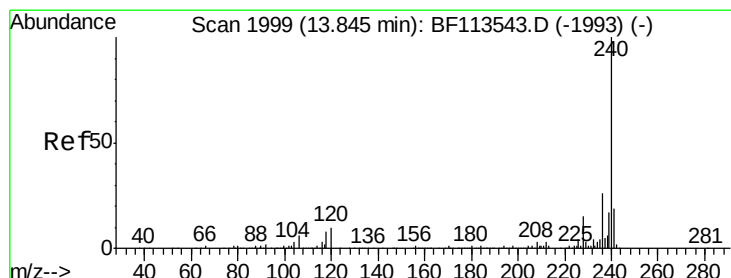
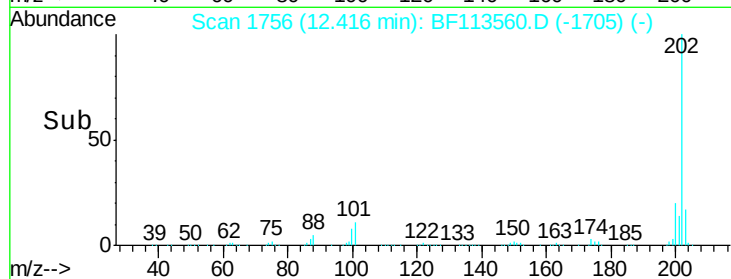
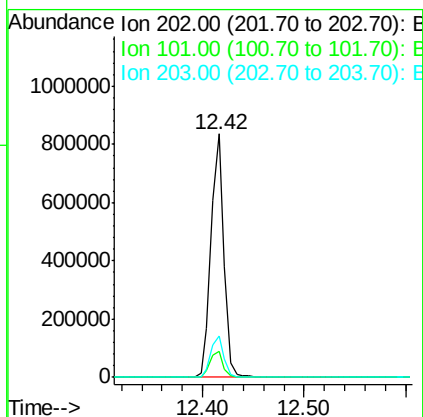
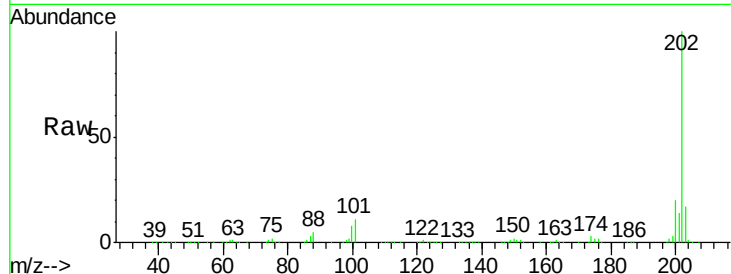
#75
 Fluoranthene
 Concen: 47.404 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	38.0

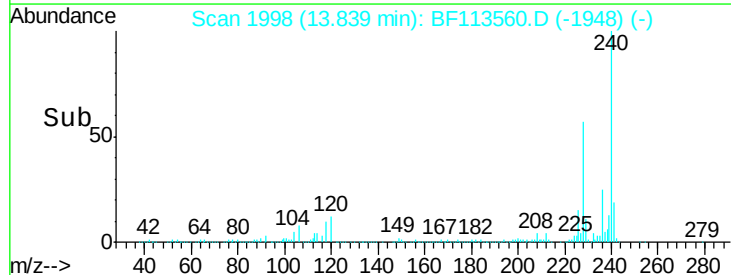
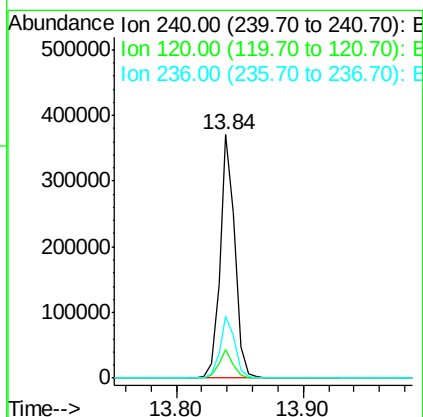
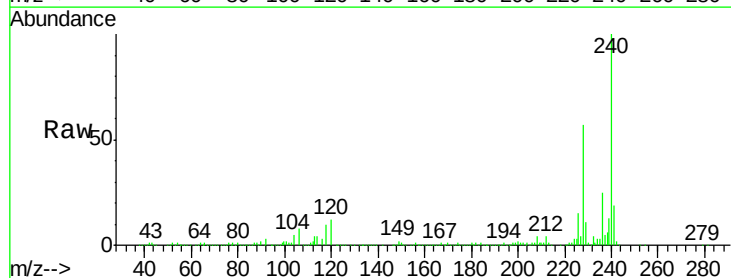
Manual Integrations
 APPROVED

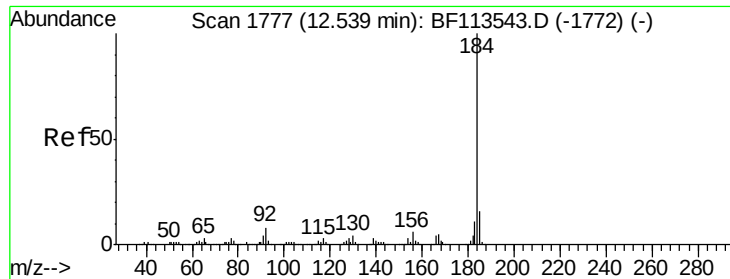
Sohil
 4/4/2019 10:57:52 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.5	8.8	13.2
236	25.2	20.9	31.3





#77

Benzidine

Concen: 10.711 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

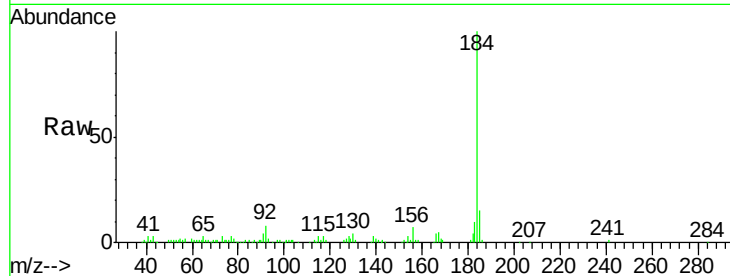
ClientSampleId :

VN-SP-1MS

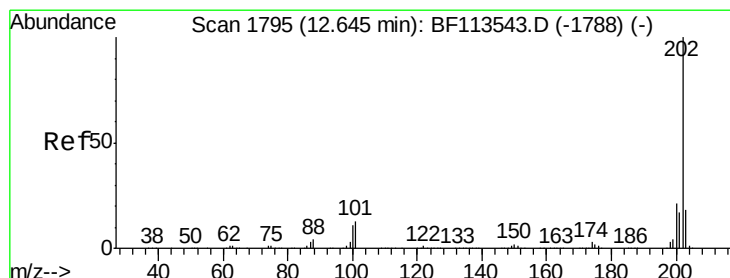
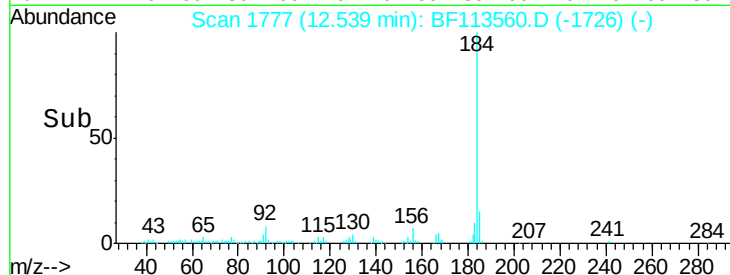
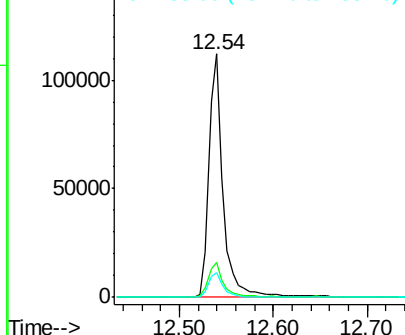
Tgt Ion:	184	Resp:	119703
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	10.2	9.0	13.4

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 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: 33.299 ng

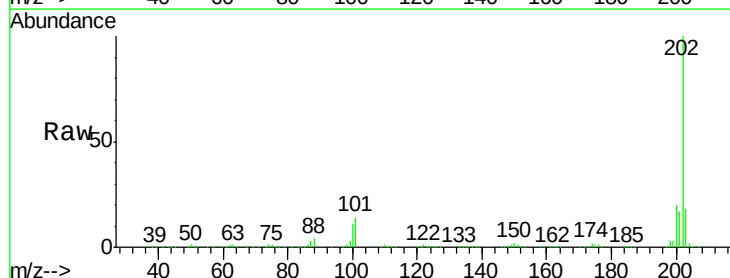
RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

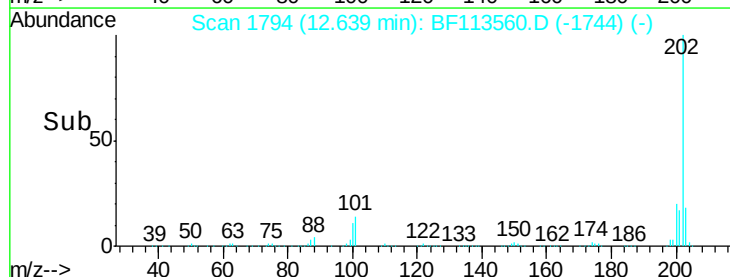
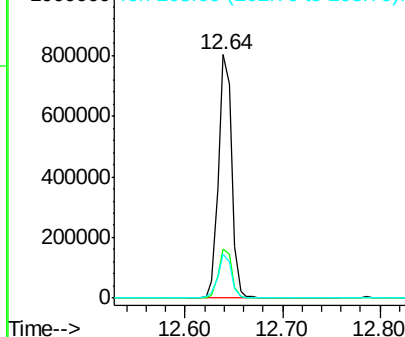
Lab File: BF113560.D

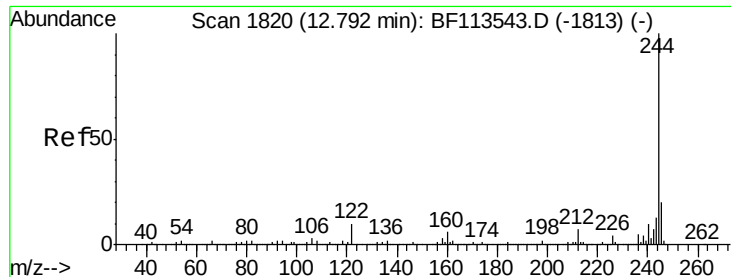
Acq: 3 Apr 2019 23:15

Tgt Ion:	202	Resp:	761470
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	18.0	14.4	21.6



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





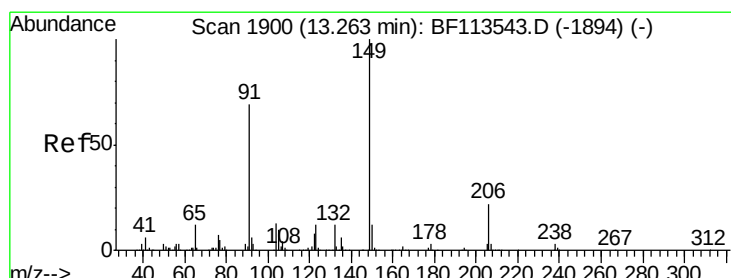
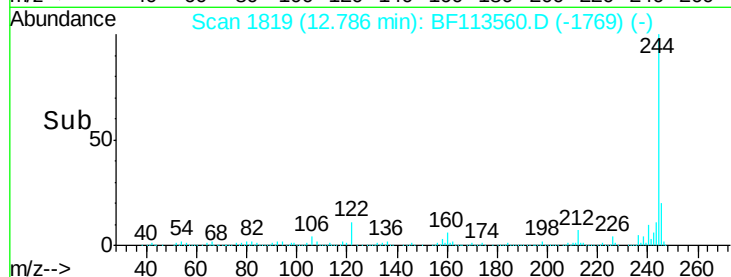
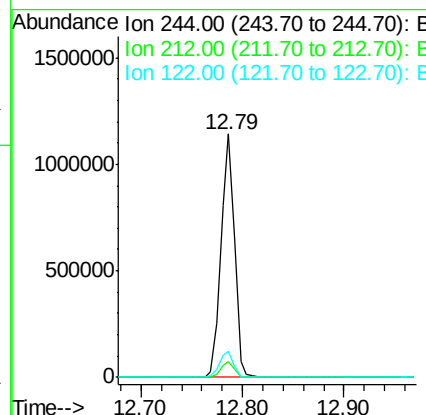
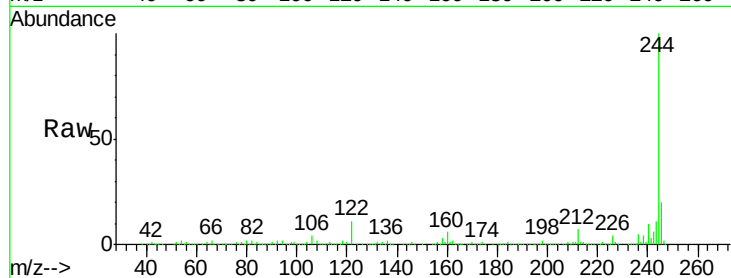
#79
 Terphenyl-d14
 Concen: 71.469 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Instrument :
 BNA_F
 ClientSampleId :
 VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.9	8.6	13.0

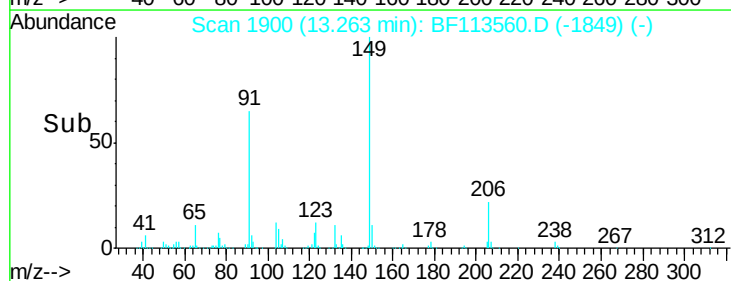
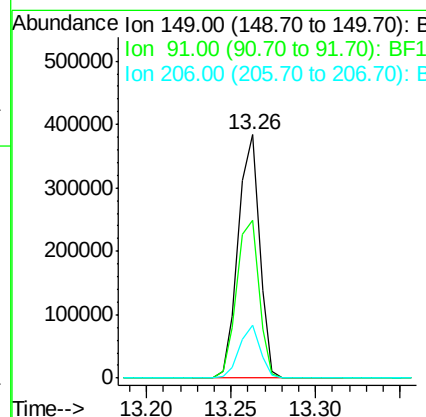
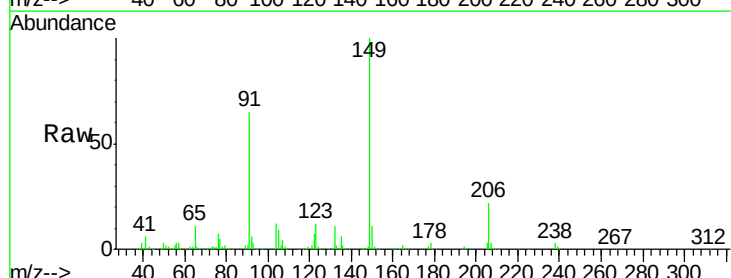
Manual Integrations
 APPROVED

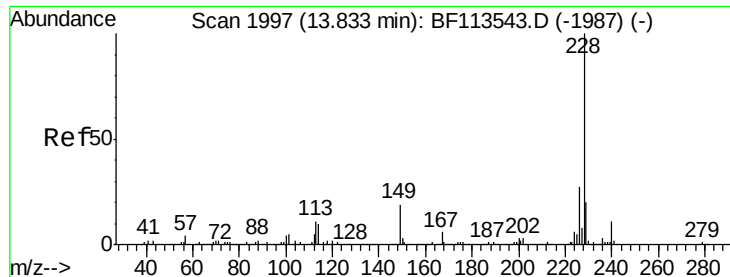
Sohil
 4/4/2019 10:57:52 AM



#80
 Butylbenzylphthalate
 Concen: 36.352 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BF113560.D
 Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.8	55.2	82.8
206	21.7	16.1	24.1





#81

Benzo(a)anthracene

Concen: 39.713 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

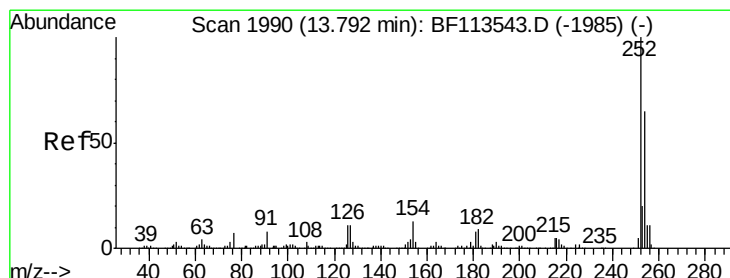
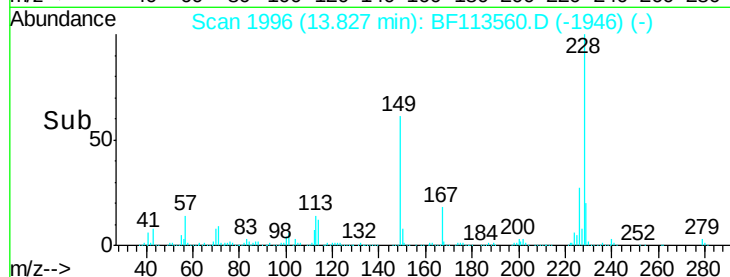
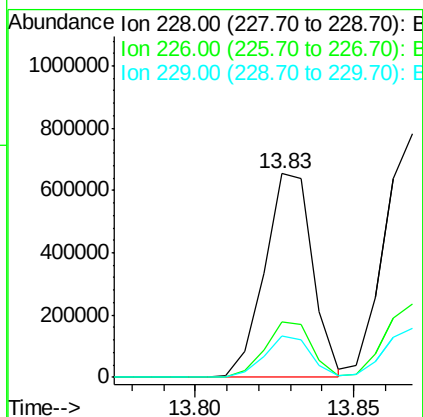
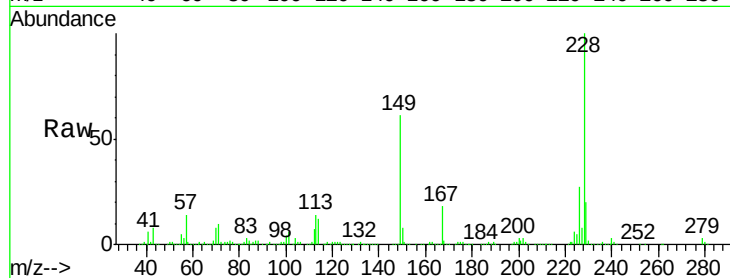
ClientSampleId :

VN-SP-1MS

Tgt Ion:	228	Resp:	688500
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.8
229	20.3	16.2	24.4

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



#82

3,3'-Dichlorobenzidine

Concen: 9.049 ng

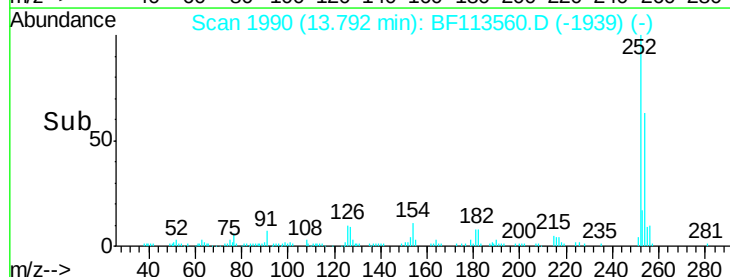
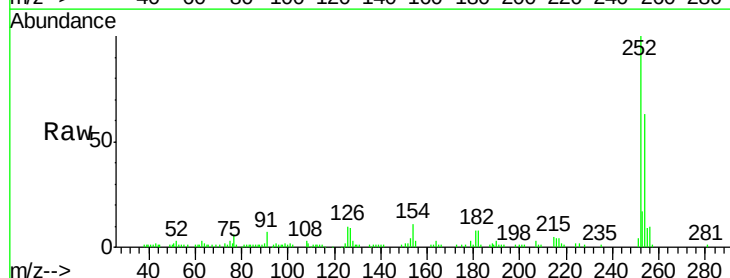
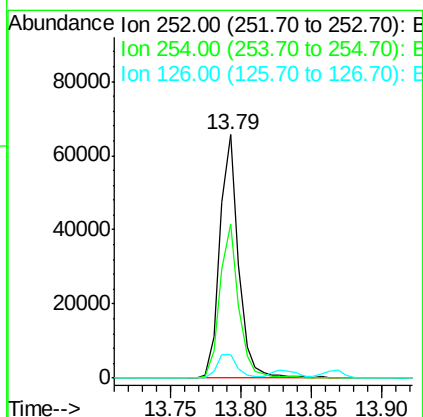
RT: 13.79 min Scan# 1990

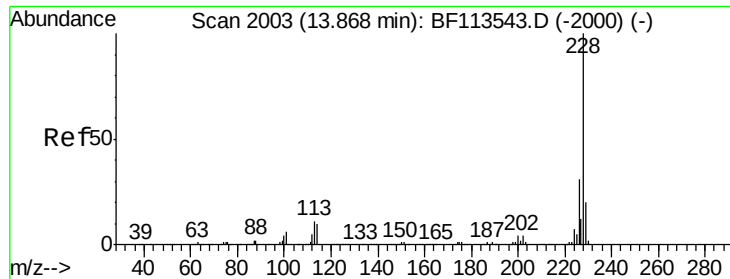
Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	252	Resp:	60427
Ion Ratio	Lower	Upper	
252	100		
254	63.4	52.2	78.2
126	9.8	8.5	12.7





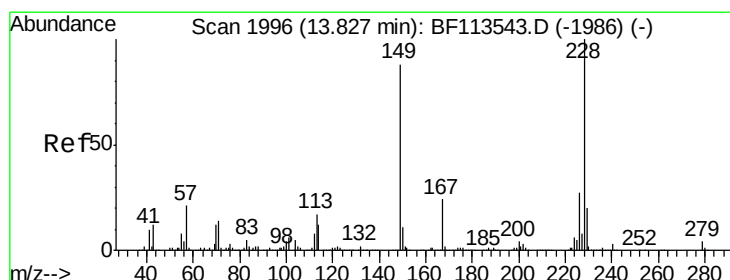
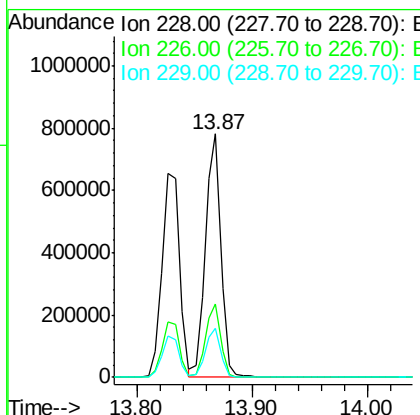
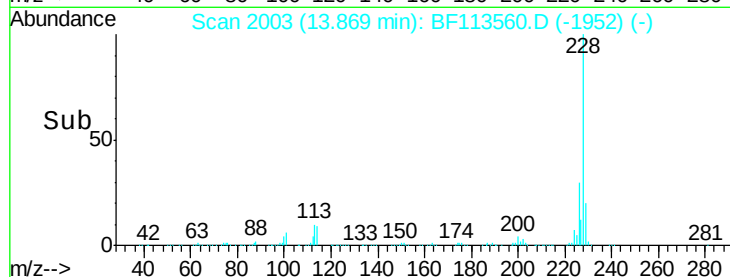
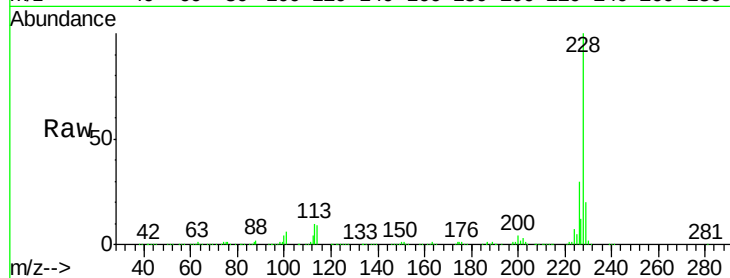
#83
Chrysene
Concen: 41.437 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampled :
VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.0	16.3	24.5

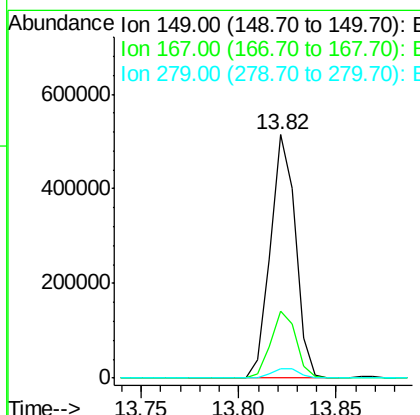
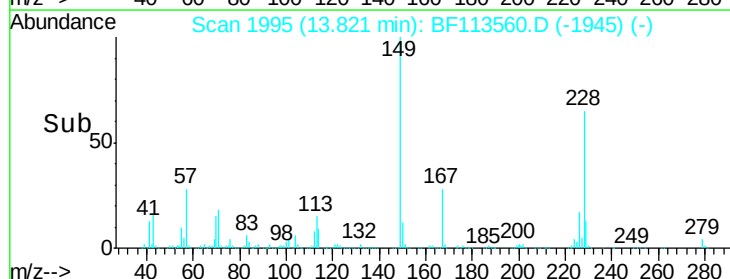
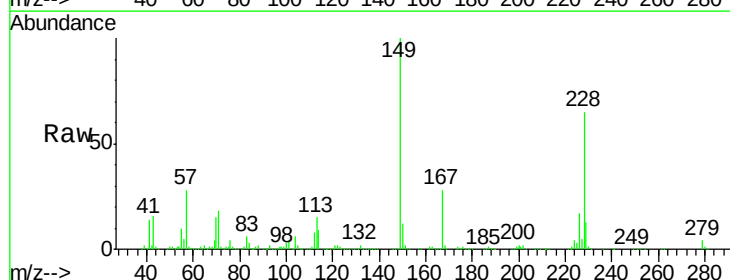
Manual Integrations
APPROVED

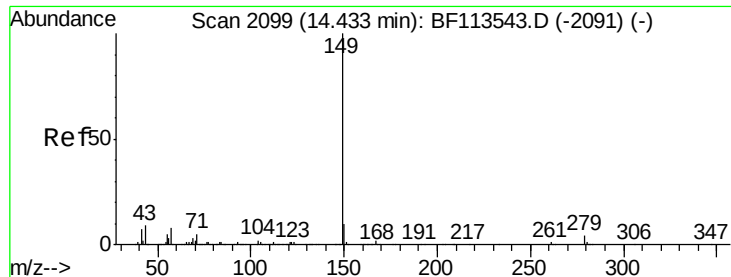
Sohil
4/4/2019 10:57:52 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.805 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	3.9	2.9	4.3





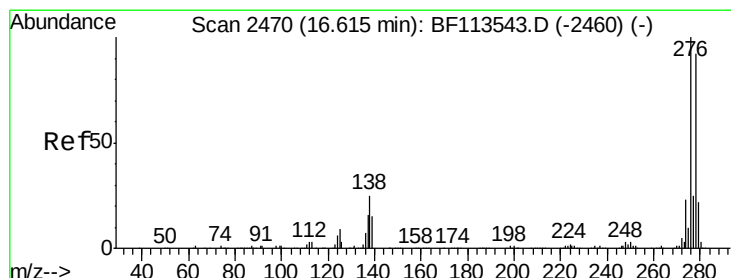
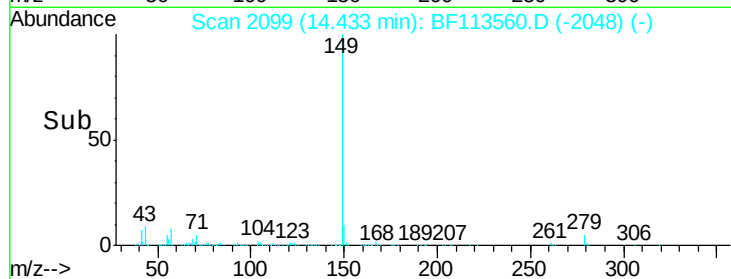
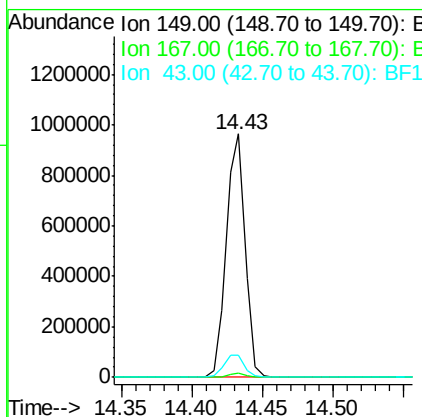
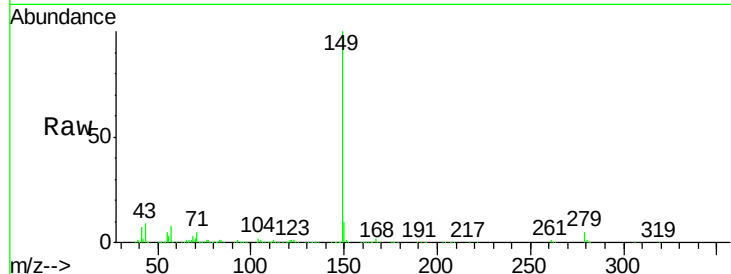
#85
Di-n-octyl phthalate
Concen: 48.691 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	890765		
167	1.6		1.3	1.9
43	9.6		7.7	11.5

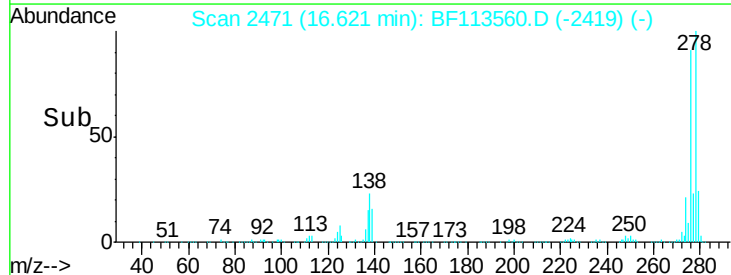
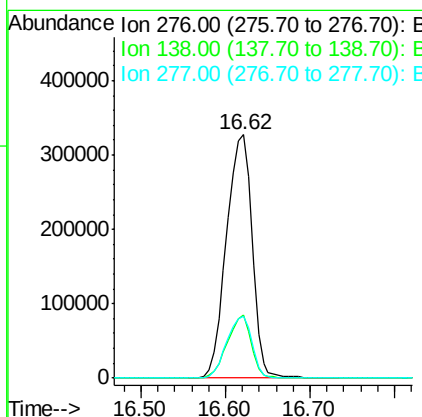
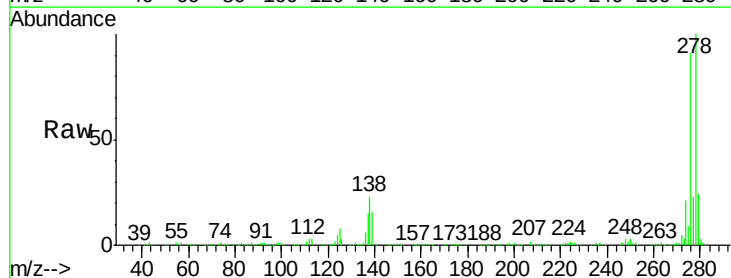
Manual Integrations
APPROVED

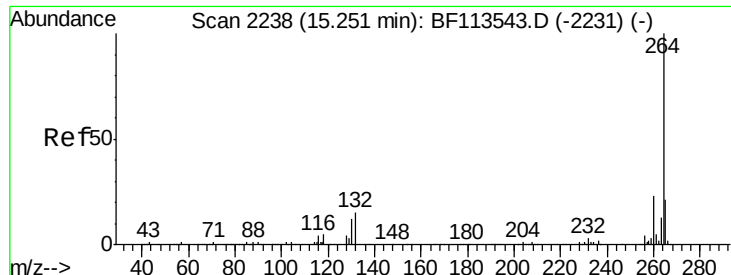
Sohil
4/4/2019 10:57:52 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.362 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	687380		
138	24.0		18.1	27.1
277	25.1		20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Instrument :

BNA_F

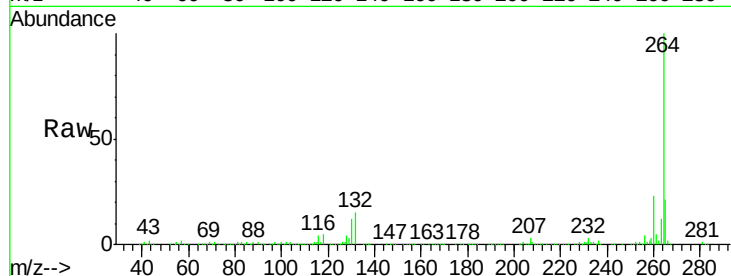
ClientSampleId :

VN-SP-1MS

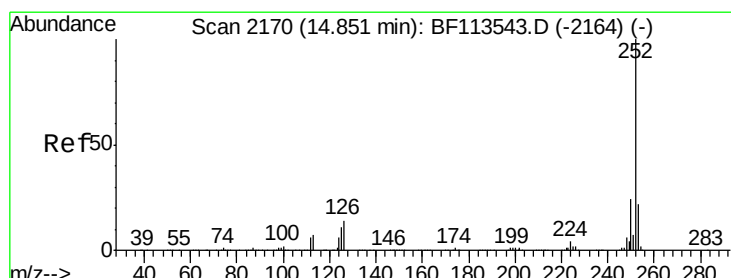
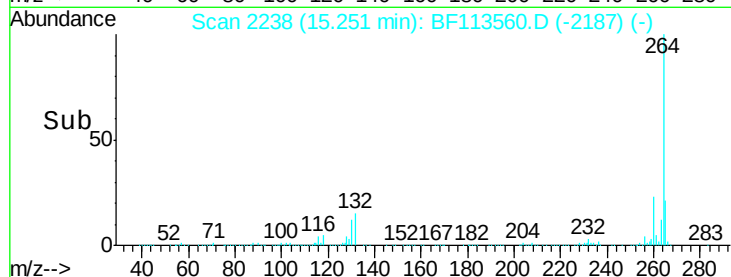
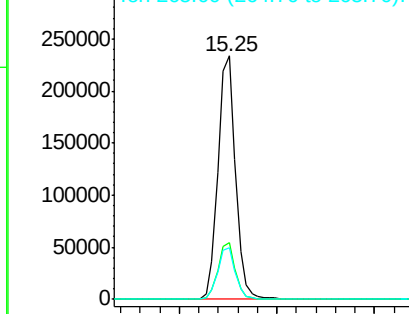
Tgt Ion:	264	Resp:	292428
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.2	17.1	25.7

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 AM



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



#88

Benzo(b)fluoranthene

Concen: 39.171 ng

RT: 14.85 min Scan# 2170

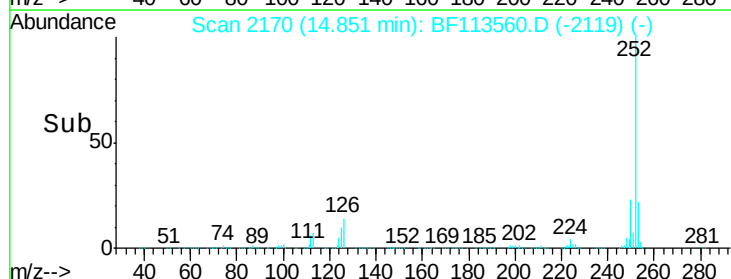
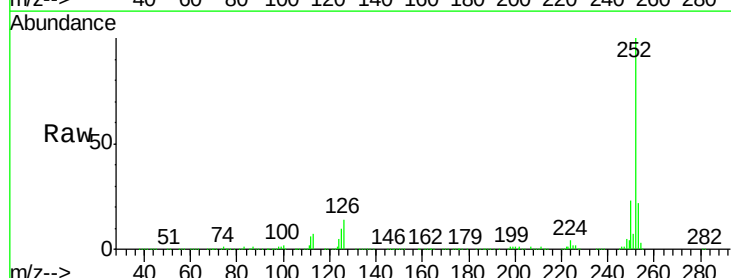
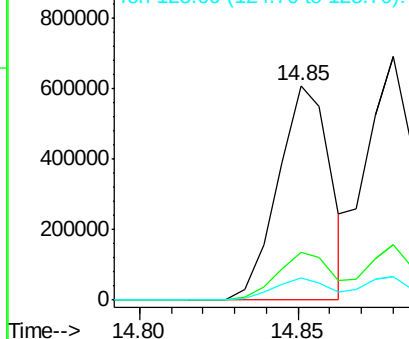
Delta R.T. 0.00 min

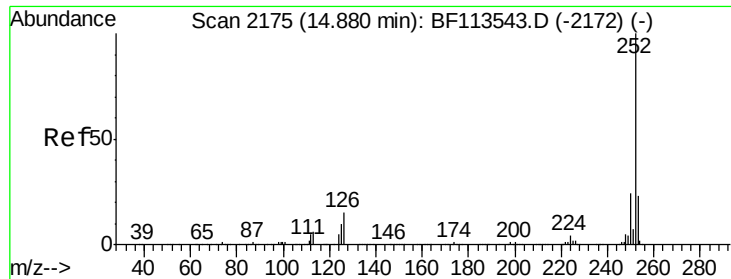
Lab File: BF113560.D

Acq: 3 Apr 2019 23:15

Tgt Ion:	252	Resp:	701172
Ion Ratio		Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.4	7.6	11.4

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





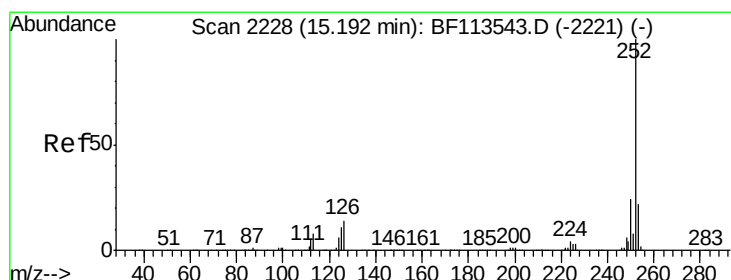
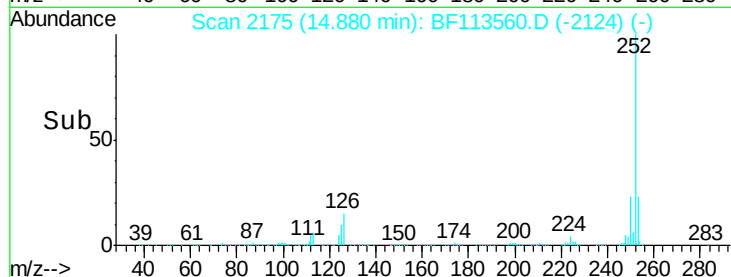
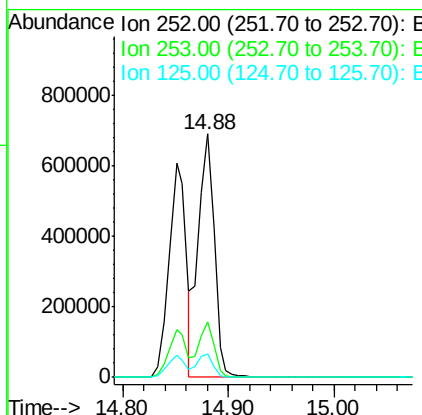
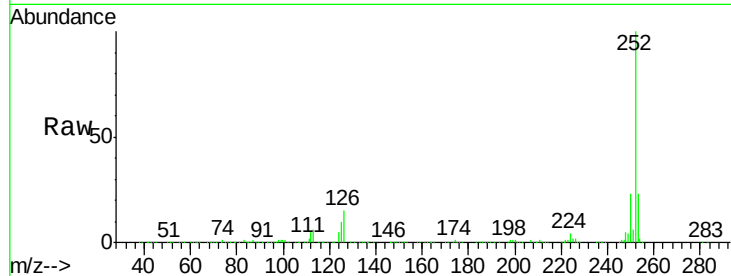
#89
Benzo(k)fluoranthene
Concen: 44.525 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.9	7.3	10.9

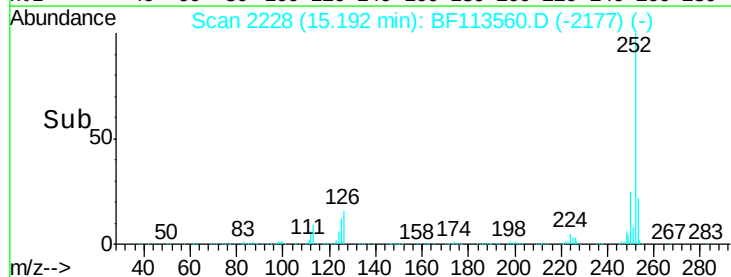
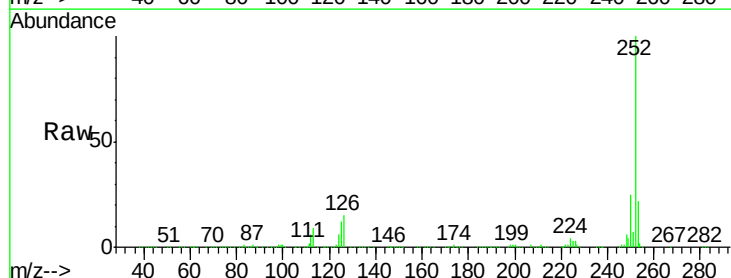
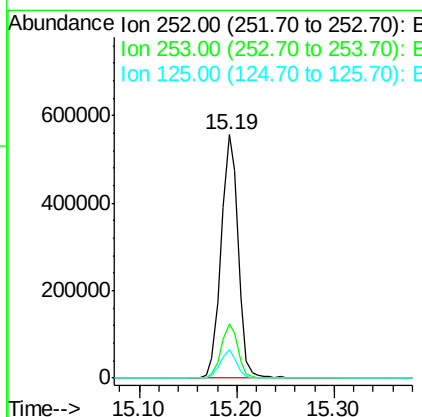
Manual Integrations
APPROVED

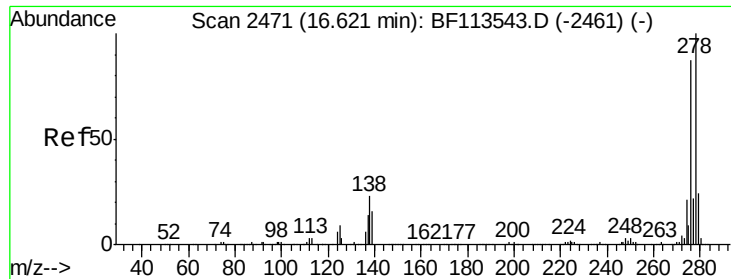
Sohil
4/4/2019 10:57:52 AM



#90
Benzo(a)pyrene
Concen: 42.376 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.6	8.8	13.2





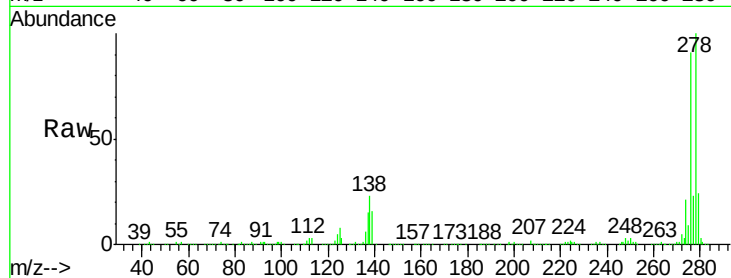
#91
Dibenzo(a,h)anthracene
Concen: 39.790 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Instrument :
BNA_F
ClientSampleId :
VN-SP-1MS

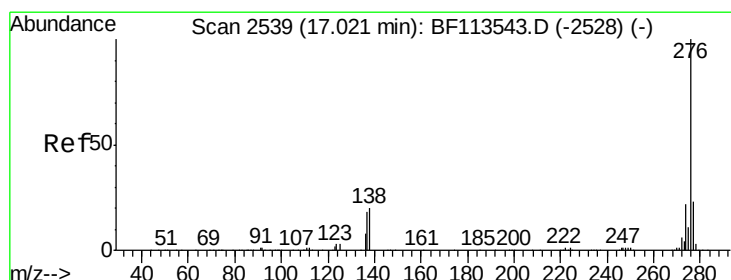
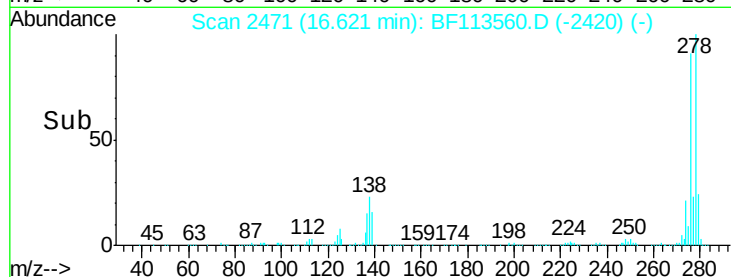
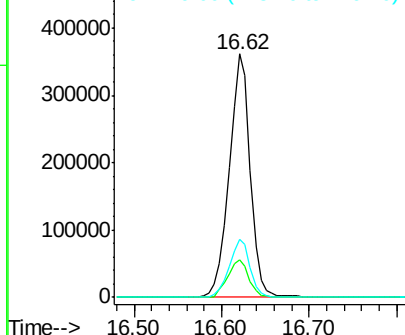
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	591861		
139	15.7	12.0	18.0	
279	23.8	19.0	28.6	

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:52 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: 36.960 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113560.D
Acq: 3 Apr 2019 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	561147		
277	23.5	18.8	28.2	
138	20.8	15.6	23.4	

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

