

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113797.D
 Acq On : 16 Apr 2019 16:55
 Operator : JU/SJ
 Sample : K2203-10MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:38 PM

Quant Time: Apr 16 18:25:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	8692	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	11602	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	5000	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	8558	20.00	ng	0.00
76) Chrysene-d12	13.83	240	7316	20.00	ng	0.00
87) Perylene-d12	15.24	264	8941	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	780550	1531.31	ng	0.02
7) Phenol-d6	6.34	99	907526	1444.55	ng	0.00
23) Nitrobenzene-d5	7.25	82	632705	3194.35	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	269058	4479.66	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1144210	3684.11	ng	0.00
79) Terphenyl-d14	12.77	244	1018372	2834.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	118655	491.490	ng	# 85
3) Pyridine	3.15	79	245240	388.165	ng	95
4) n-Nitrosodimethylamine	3.05	42	137741	513.121	ng	98
6) Aniline	6.35	93	58662	77.034	ng	# 1
8) 2-Chlorophenol	6.47	128	326065	552.891	ng	98
9) Benzaldehyde	6.23	77	114583	306.740	ng	97
10) Phenol	6.35	94	346861	483.419	ng	91
11) bis(2-Chloroethyl)ether	6.42	93	318540	570.712	ng	97
12) 1,3-Dichlorobenzene	6.62	146	337103	530.784	ng	99
13) 1,4-Dichlorobenzene	6.69	146	348165	542.484	ng	99
14) 1,2-Dichlorobenzene	6.85	146	325539	561.942	ng	99
15) Benzyl Alcohol	6.86	79	153215m	360.686	ng	
16) 2,2'-oxybis(1-Chloropropan	6.95	45	492730	567.157	ng	87
17) 2-Methylphenol	6.96	107	274208	599.974	ng	94
18) Hexachloroethane	7.18	117	120884	517.471	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	228214	589.091	ng	100
20) 3+4-Methylphenols	7.13	107	316829	572.133	ng	97
22) Acetophenone	7.09	105	443645	1741.026	ng	# 98
24) Nitrobenzene	7.26	77	330548	1620.496	ng	99
25) Isophorone	7.50	82	607869	1593.134	ng	99
26) 2-Nitrophenol	7.58	139	178549	1626.399	ng	95
27) 2,4-Dimethylphenol	7.63	122	289808	1846.544	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	390399	1618.378	ng	99
29) 2,4-Dichlorophenol	7.85	162	280842	1672.451	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	295424	1620.036	ng	98
31) Naphthalene	7.97	128	946944	1684.524	ng	100
32) Benzoic acid	7.79	122	64083	527.298	ng	97
33) 4-Chloroaniline	8.07	127	44666	200.386	ng	99
34) Hexachlorobutadiene	8.09	225	177103	1592.979	ng	99
35) Caprolactam	8.42	113	55972m	1050.039	ng	
36) 4-Chloro-3-methylphenol	8.55	107	265950	1577.702	ng	97
37) 2-Methylnaphthalene	8.67	142	620471	1678.212	ng	98
38) 1-Methylnaphthalene	8.77	142	575912	1615.435	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	296004	1830.523	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113797.D
 Acq On : 16 Apr 2019 16:55
 Operator : JU/SJ
 Sample : K2203-10MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

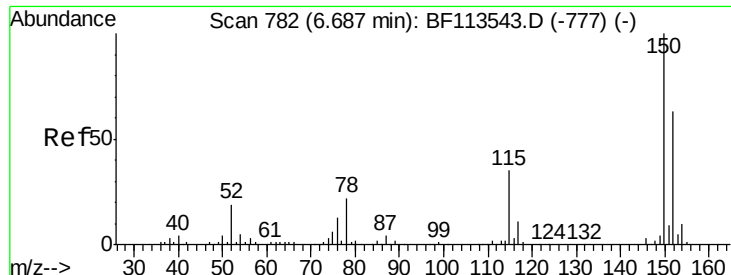
Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:38 PM

Quant Time: Apr 16 18:25:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	75129	1119.972	ng	96
43) 2,4,6-Trichlorophenol	8.96	196	173860	1703.308	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	183611	1675.541	ng	97
46) 1,1'-Biphenyl	9.13	154	753156	1825.418	ng	99
47) 2-Chloronaphthalene	9.16	162	556458	1781.291	ng	100
48) 2-Nitroaniline	9.27	65	163453	1709.967	ng	92
49) Acenaphthylene	9.57	152	859247	1691.492	ng	99
50) Dimethylphthalate	9.43	163	633681	1719.309	ng	100
51) 2,6-Dinitrotoluene	9.50	165	137119	1687.772	ng #	81
52) Acenaphthene	9.74	154	507022	1743.646	ng	100
53) 3-Nitroaniline	9.69	138	18899	204.605	ng	98
54) 2,4-Dinitrophenol	9.82	184	51373	1351.602	ng	99
55) Dibenzofuran	9.91	168	756241	1772.932	ng	100
56) 4-Nitrophenol	9.91	139	394749	6889.366	ng #	20
57) 2,4-Dinitrotoluene	9.92	165	169632	1726.417	ng	96
58) Fluorene	10.26	166	574024	1701.483	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	160054	1687.365	ng	93
60) Diethylphthalate	10.13	149	614474	1729.205	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	297588	1793.353	ng	94
62) 4-Nitroaniline	10.30	138	118143	1257.805	ng	96
63) Azobenzene	10.40	77	549275	1632.504	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	41038	910.861	ng	93
66) n-Nitrosodiphenylamine	10.37	169	513726	1955.371	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	177036	1844.480	ng	93
68) Hexachlorobenzene	10.81	284	191835	1744.308	ng	97
69) Atrazine	10.90	200	147932	1786.412	ng	99
70) Pentachlorophenol	11.02	266	105029	2026.700	ng	98
71) Phenanthrene	11.22	178	753674	1772.296	ng	98
72) Anthracene	11.27	178	795817	1839.349	ng	99
73) Carbazole	11.43	167	714561	1765.817	ng	99
74) Di-n-butylphthalate	11.75	149	855210	1776.580	ng	98
75) Fluoranthene	12.40	202	783671	1719.745	ng	97
77) Benzidine	12.53	184	135515	498.110	ng	97
78) Pyrene	12.63	202	798347	1434.157	ng	99
80) Butylbenzylphthalate	13.24	149	347156	1532.044	ng	95
81) Benzo(a)anthracene	13.82	228	752838	1783.864	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	91507	562.945	ng	100
83) Chrysene	13.86	228	786944	1839.446	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	480673	1754.490	ng	99
85) Di-n-octyl phthalate	14.41	149	894268	2008.100	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	927729	2348.708	ng	99
88) Benzo(b)fluoranthene	14.84	252	908963	1660.813	ng	99
89) Benzo(k)fluoranthene	14.87	252	810496	1650.070	ng	99
90) Benzo(a)pyrene	15.19	252	876544	1802.362	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	801835	1763.079	ng	99
92) Benzo(g,h,i)perylene	17.02	276	757985	1632.879	ng	99

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



#1

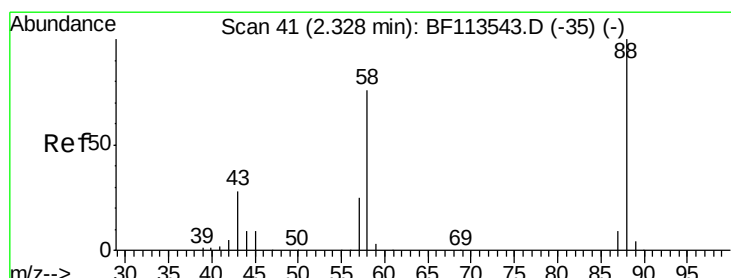
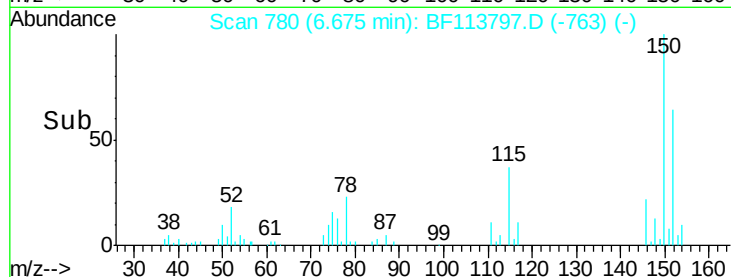
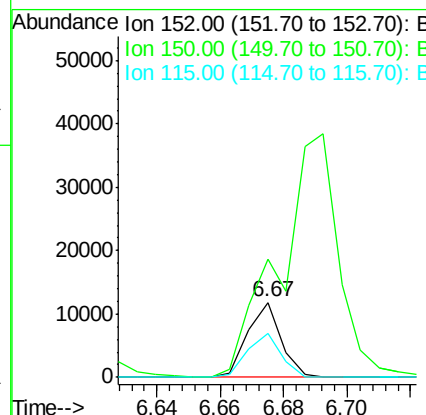
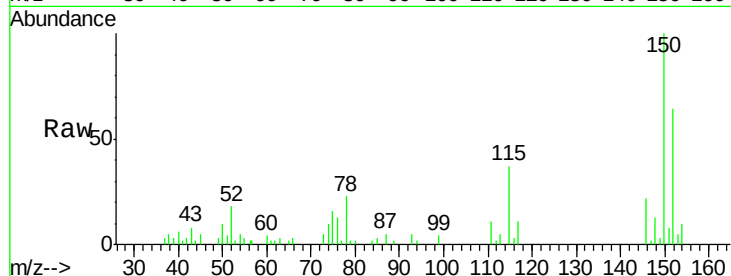
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.1	187.7
115	58.1	43.9	65.9

Manual Integrations
APPROVED

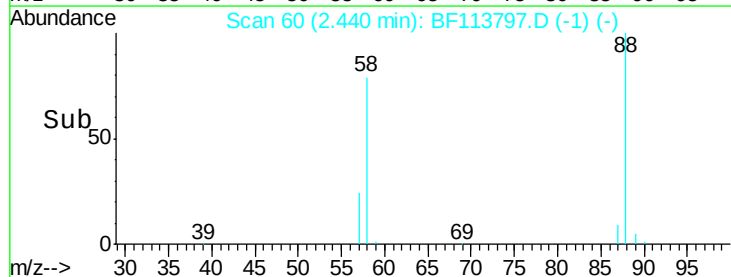
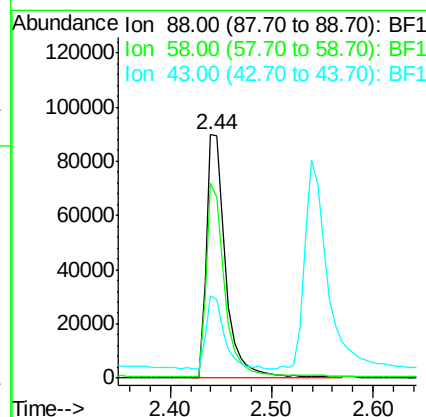
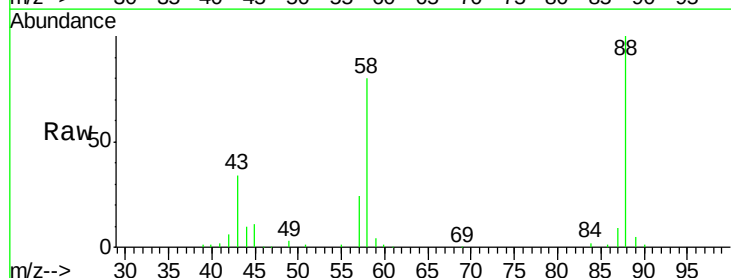
Sohil
4/17/2019 3:45:38 PM

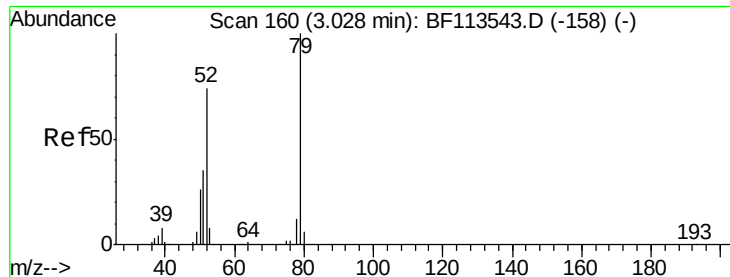


#2

1,4-Dioxane
Concen: 491.490 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.11 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	61.0	91.4
43	0.0	23.1	34.7





#3

Pyridine

Concen: 388.165 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.13 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

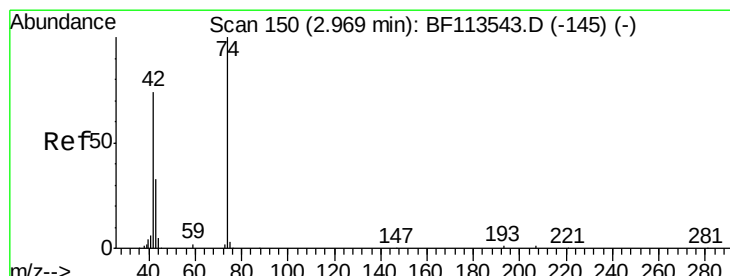
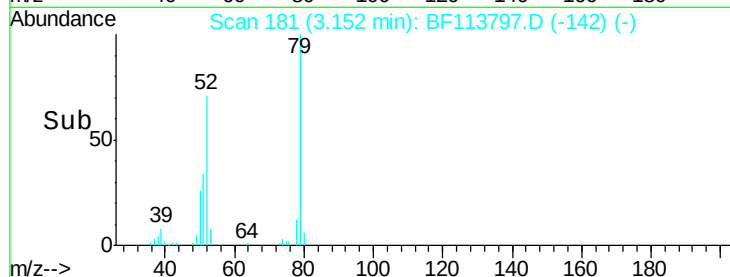
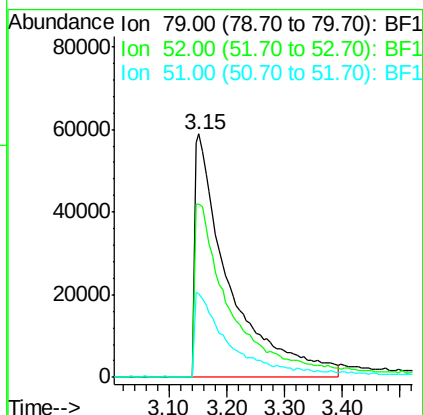
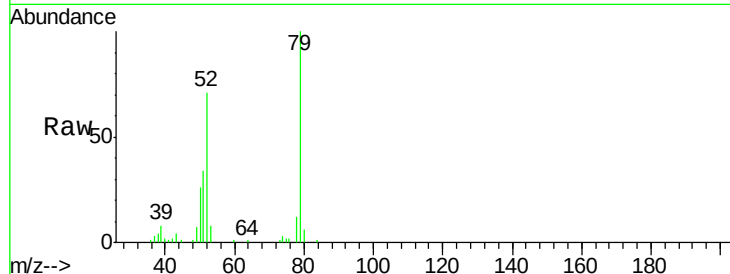
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	79	Resp:	245240
Ion Ratio	Lower	Upper	
79	100		
52	71.4	60.8	91.2
51	34.3	29.4	44.0

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#4

n-Nitrosodimethylamine

Concen: 513.121 ng

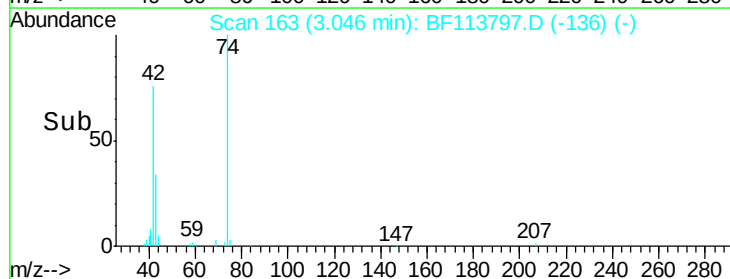
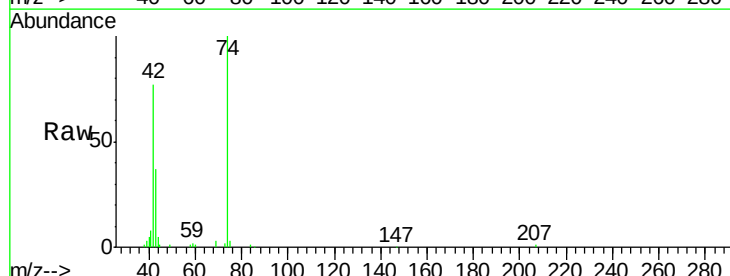
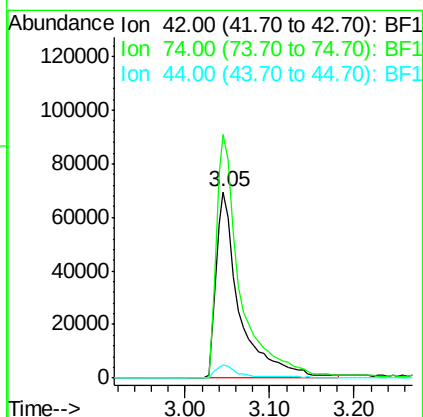
RT: 3.05 min Scan# 163

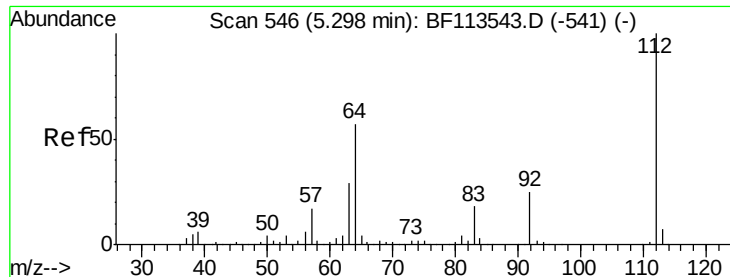
Delta R.T. 0.06 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	42	Resp:	137741
Ion Ratio	Lower	Upper	
42	100		
74	130.6	106.6	159.8
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 1531.313 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

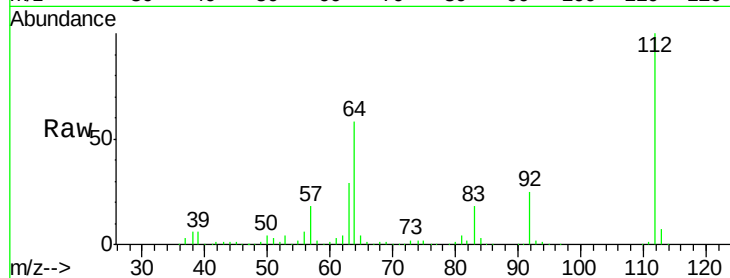
ClientSampleId :

SU-01-041519-AMS

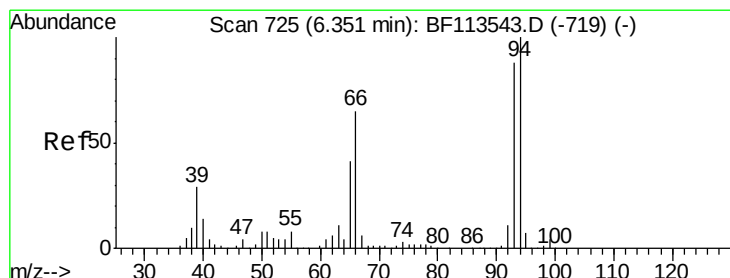
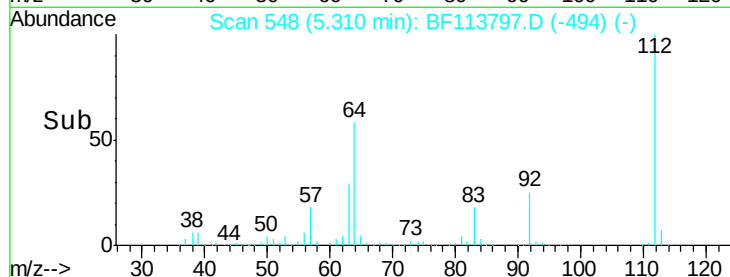
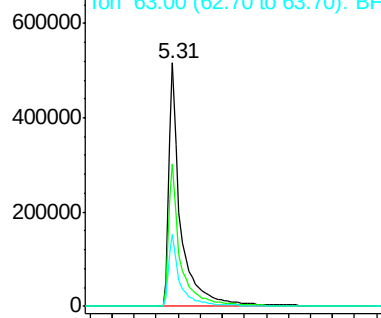
Tgt Ion:	112	Resp:	780550
Ion Ratio	Lower	Upper	
112	100		
64	58.4	49.0	73.4
63	29.4	24.2	36.4

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



Abundance Ion 112.00 (111.70 to 112.70): BF113797.D (-541) (-)



#6

Aniline

Concen: 77.034 ng

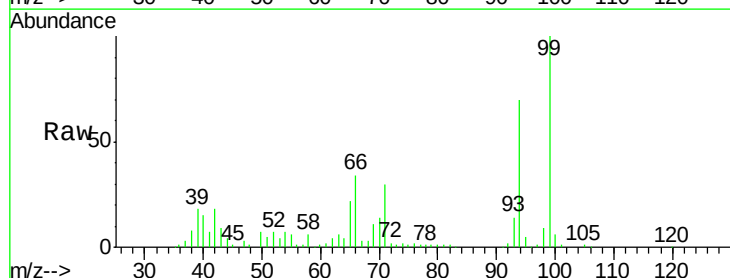
RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

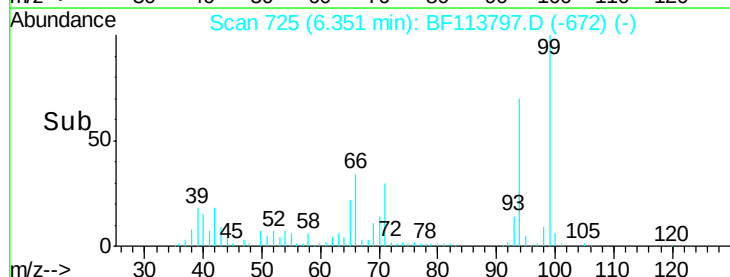
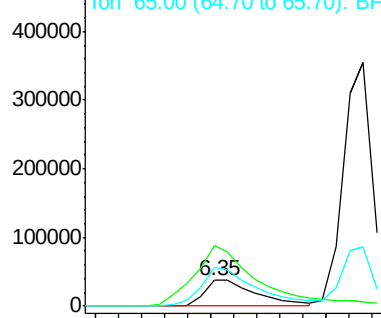
Lab File: BF113797.D

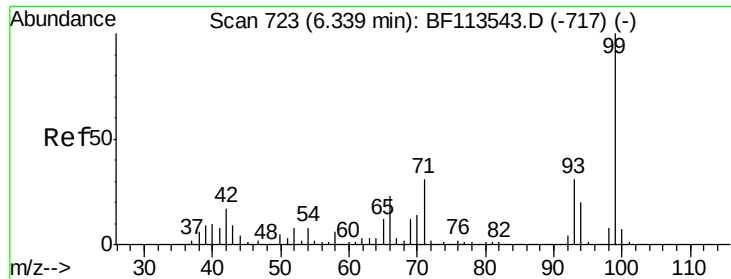
Acq: 16 Apr 2019 16:55

Tgt Ion:	93	Resp:	58662
Ion Ratio	Lower	Upper	
93	100		
66	235.5	38.7	58.1#
65	152.8	17.8	26.8#



Abundance Ion 93.00 (92.70 to 93.70): BF113797.D (-719) (-)





#7

Phenol-d6

Concen: 1444.552 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

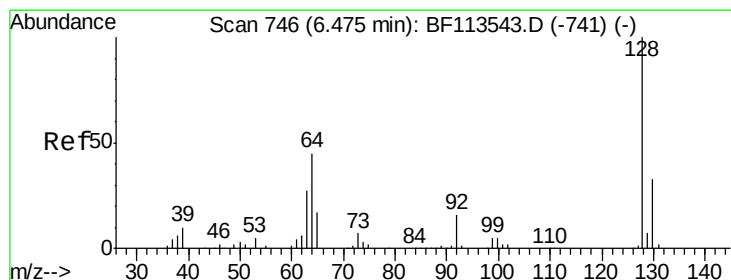
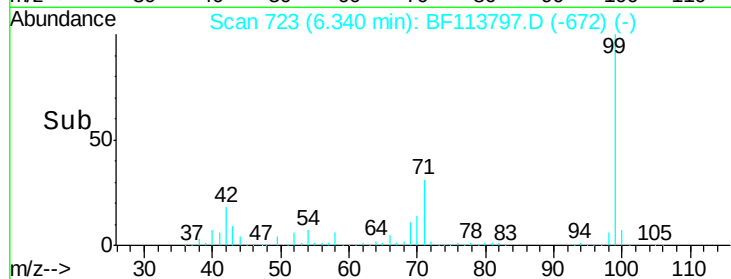
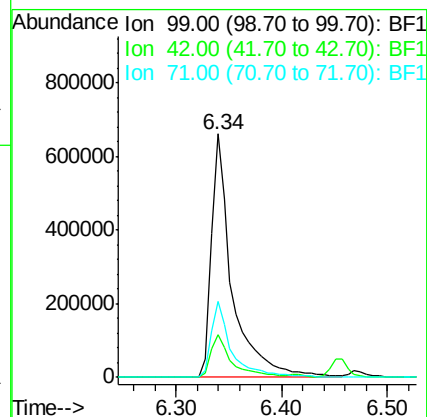
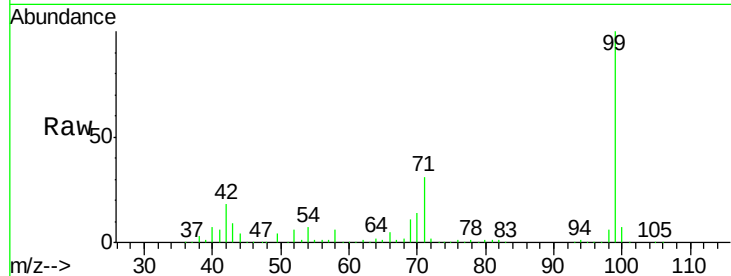
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	99	Resp:	907526
Ion Ratio	Lower	Upper	
99	100		
42	17.7	15.2	22.8
71	31.2	25.4	38.2

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#8

2-Chlorophenol

Concen: 552.891 ng

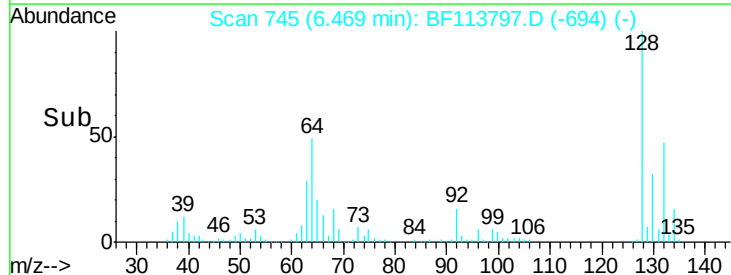
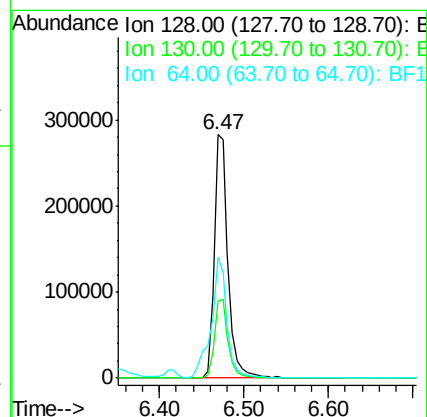
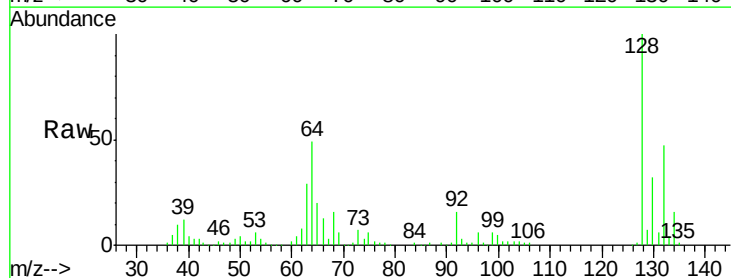
RT: 6.47 min Scan# 745

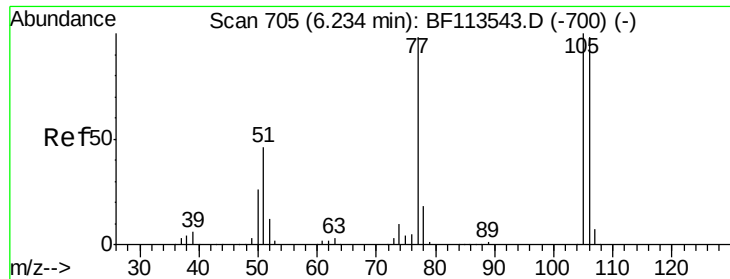
Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	128	Resp:	326065
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.7	52.7
64	49.4	27.9	67.9





#9

Benzaldehyde

Concen: 306.740 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

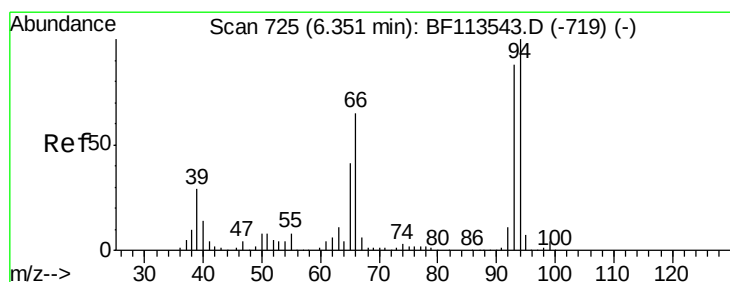
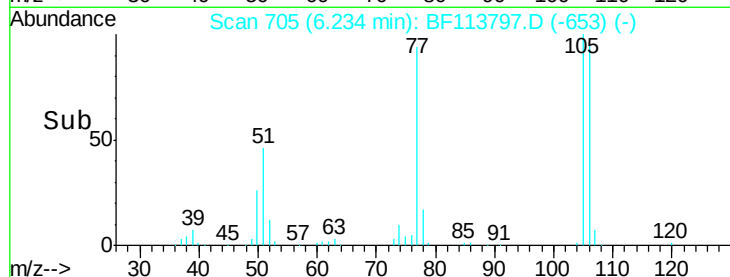
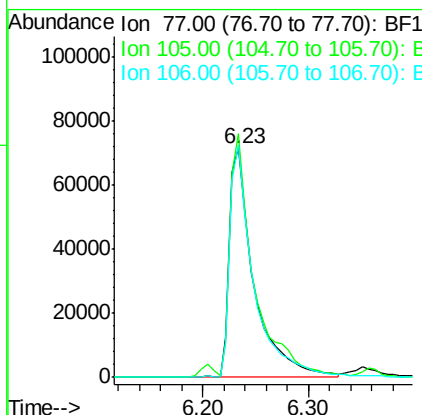
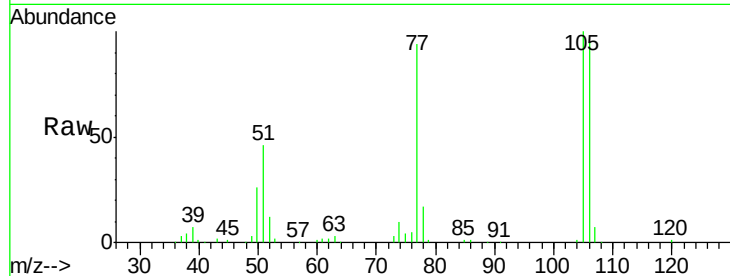
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	77	Resp:	114583
Ion Ratio	Lower	Upper	
77	100		
105	106.1	81.1	121.1
106	101.1	80.6	120.6

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#10

Phenol

Concen: 483.419 ng

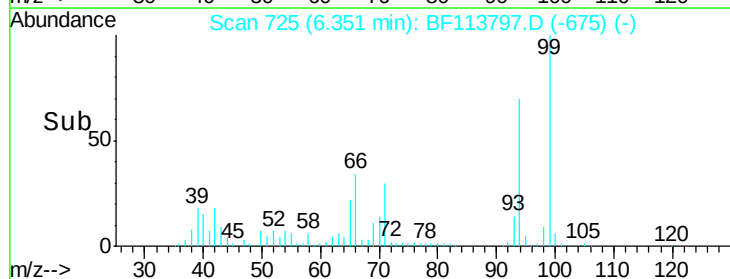
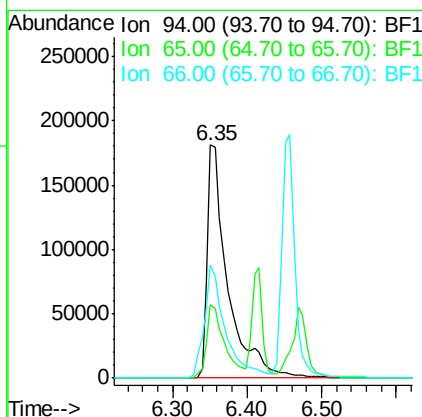
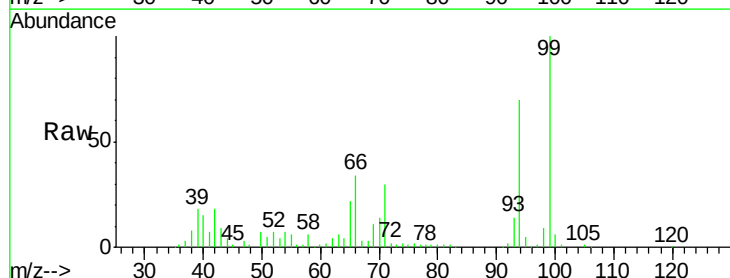
RT: 6.35 min Scan# 725

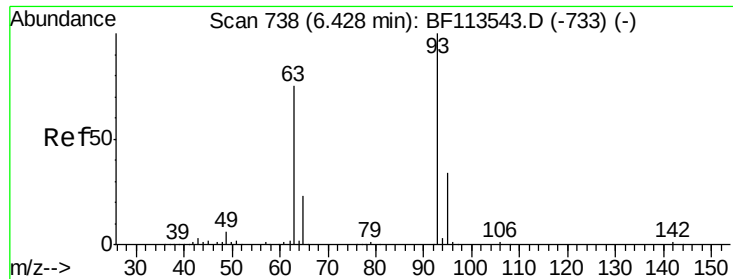
Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	94	Resp:	346861
Ion Ratio	Lower	Upper	
94	100		
65	31.4	9.0	49.0
66	48.5	21.0	61.0





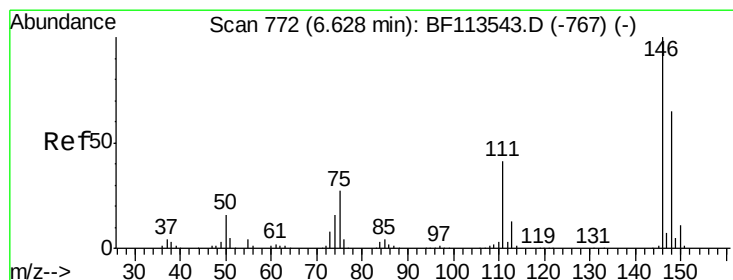
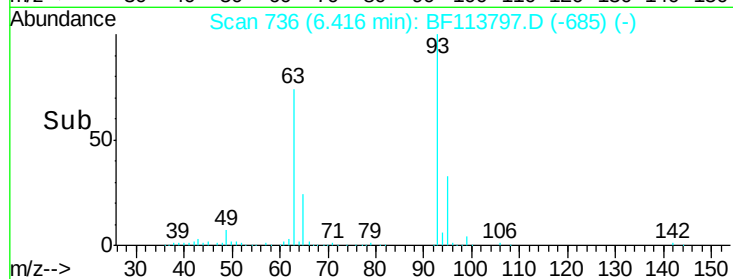
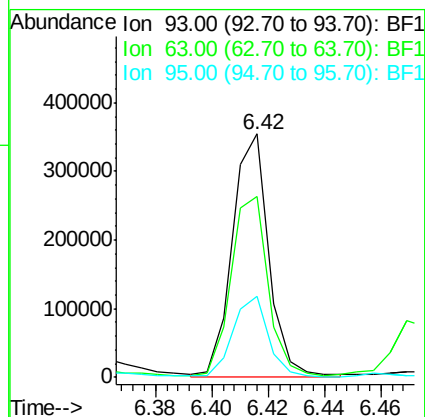
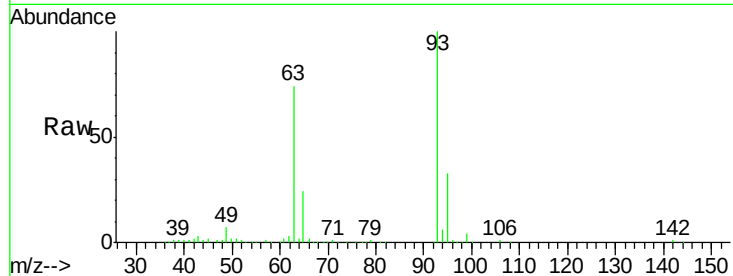
#11
bis(2-Chloroethyl)ether
Concen: 570.712 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion:	93	Resp:	318540
Ion Ratio	Lower	Upper	
93	100		
63	74.1	56.7	96.7
95	33.4	12.3	52.3

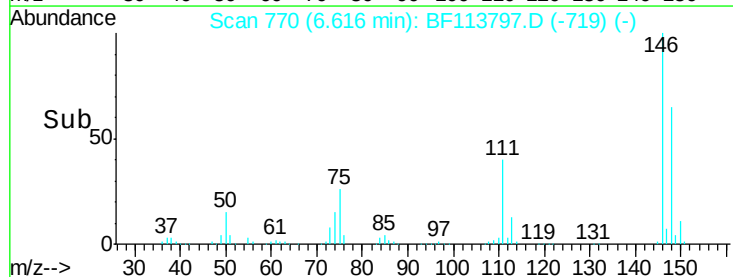
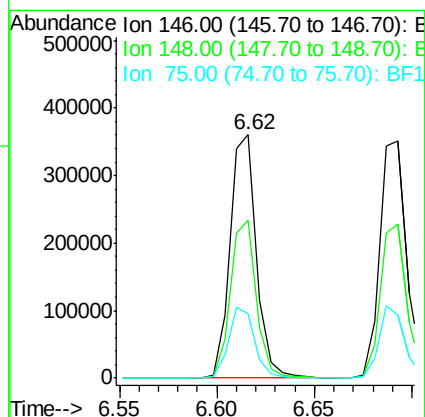
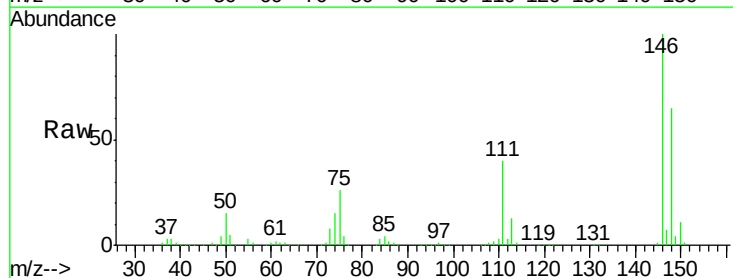
Manual Integrations
APPROVED

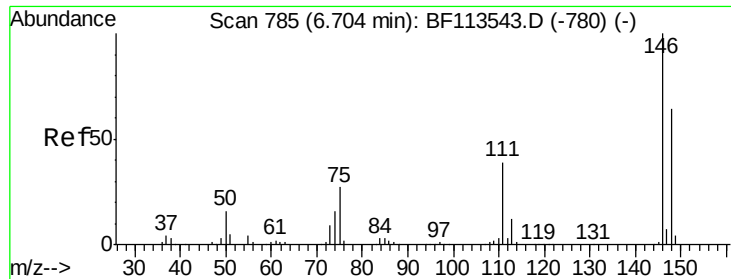
Sohil
4/17/2019 3:45:38 PM



#12
1,3-Dichlorobenzene
Concen: 530.784 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:	146	Resp:	337103
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.8	77.8
75	26.3	21.7	32.5





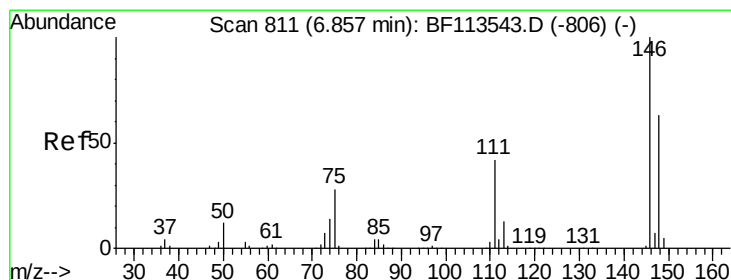
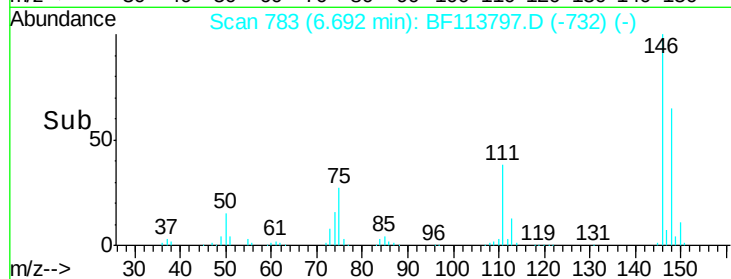
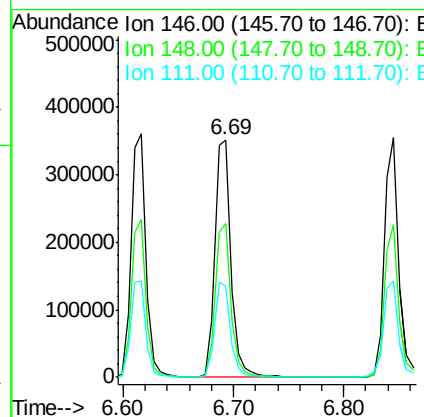
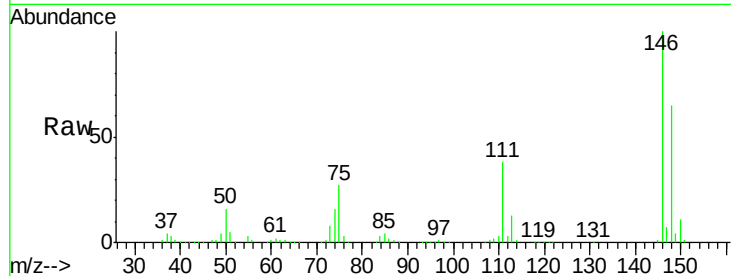
#13
 1,4-Dichlorobenzene
 Concen: 542.484 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	348165		
148	64.8	51.4	77.2	
111	38.1	31.0	46.6	

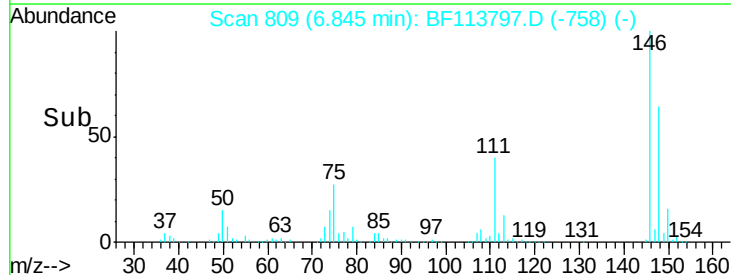
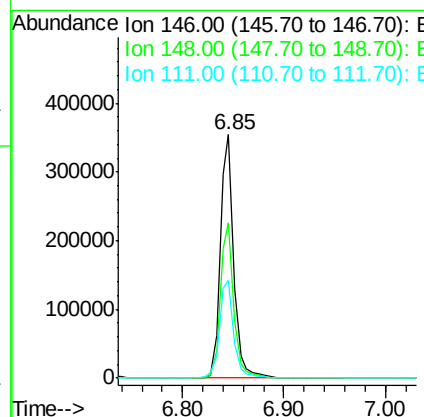
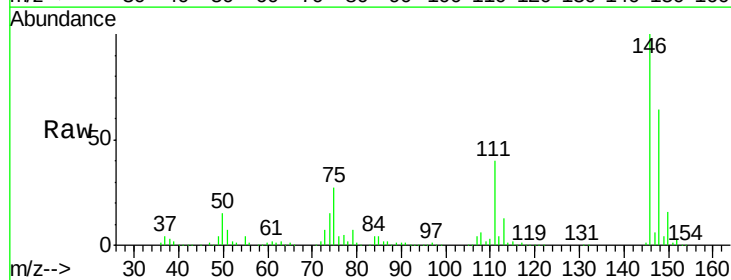
Manual Integrations
 APPROVED

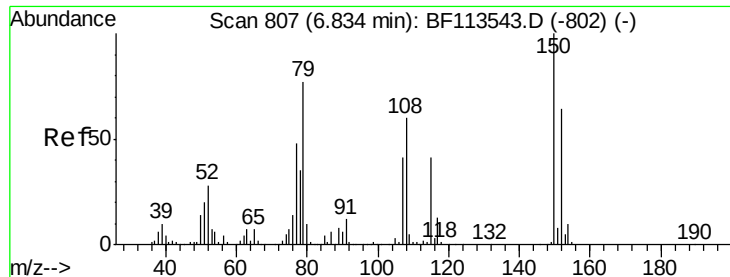
Sohil
 4/17/2019 3:45:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 561.942 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	325539		
148	63.6	50.8	76.2	
111	40.3	33.6	50.4	





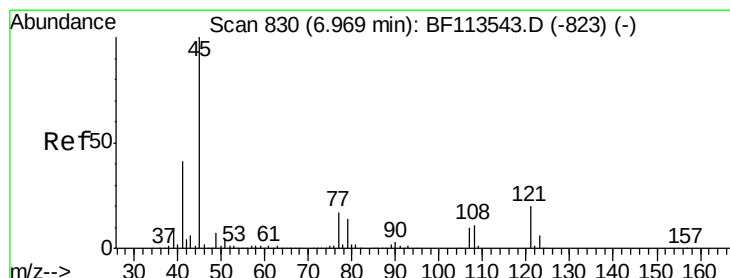
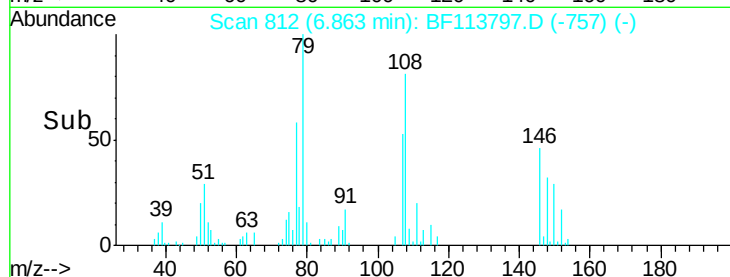
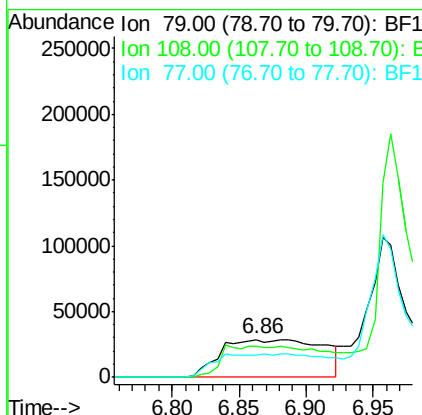
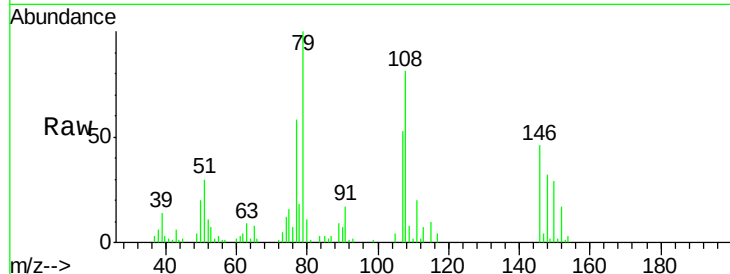
#15
Benzyl Alcohol
Concen: 360.686 ng m
RT: 6.86 min Scan# 812
Delta R.T. 0.02 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.0	66.9	100.3
77	58.3	50.5	75.7

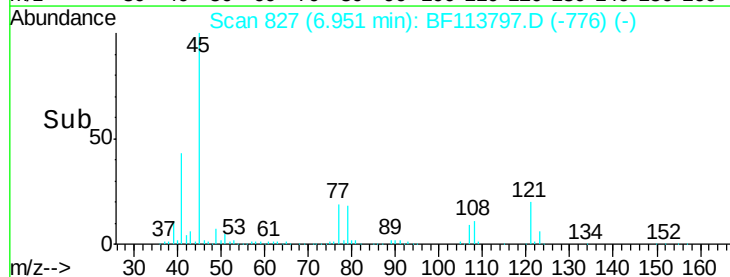
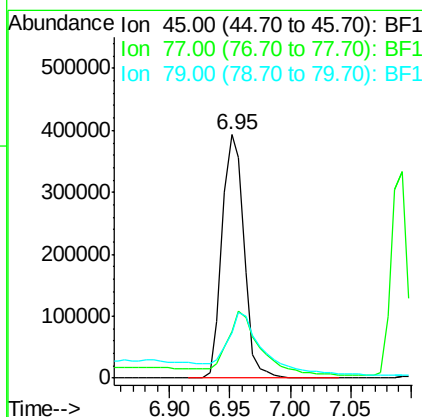
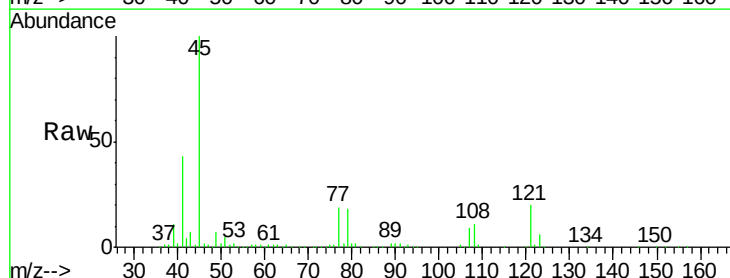
Manual Integrations
APPROVED

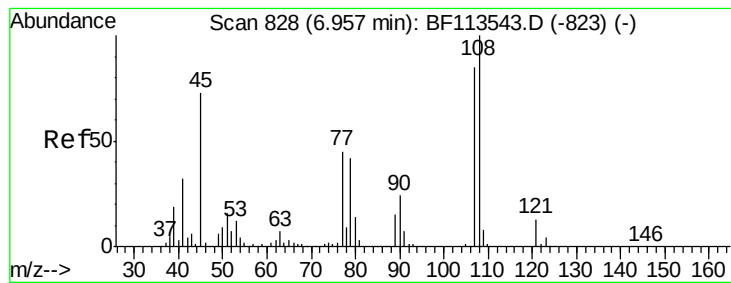
Sohil
4/17/2019 3:45:38 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 567.157 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.1	6.8	46.8
79	18.4	3.9	43.9





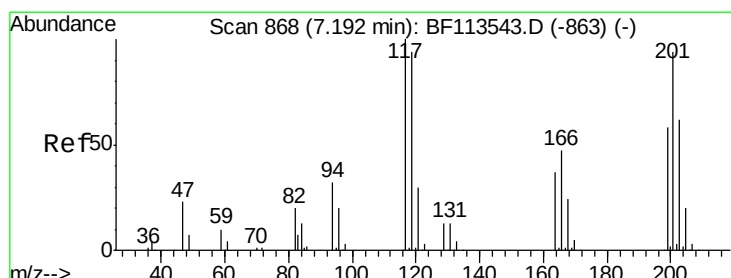
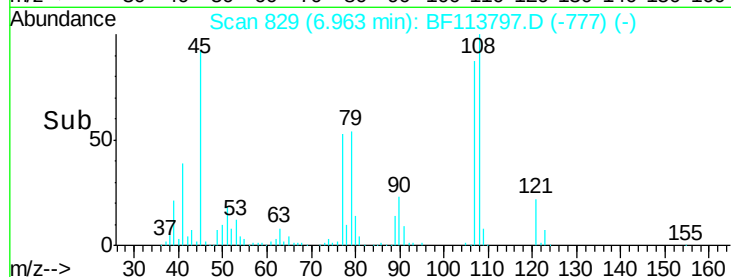
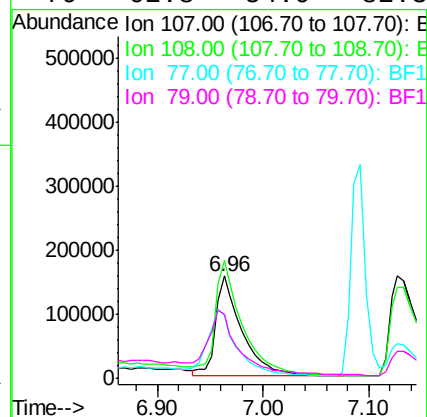
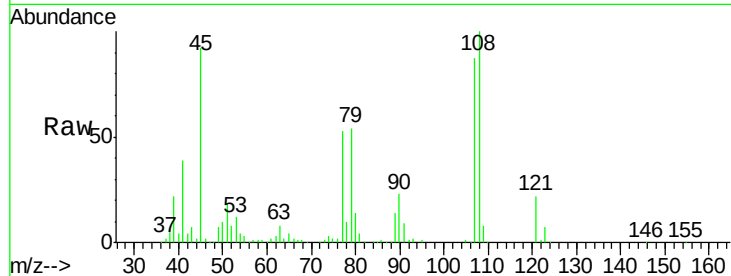
#17
2-Methylphenol
Concen: 599.974 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	274208		
108	115.5	93.4	140.2	
77	61.1	58.1	87.1	
79	62.8	54.9	82.3	

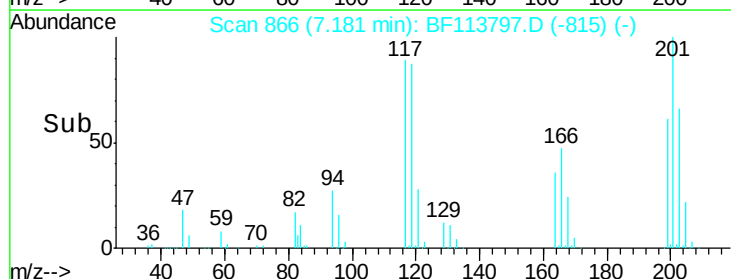
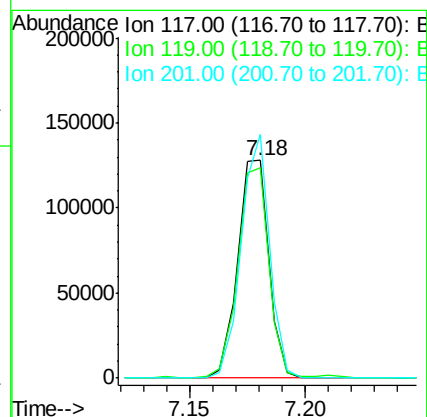
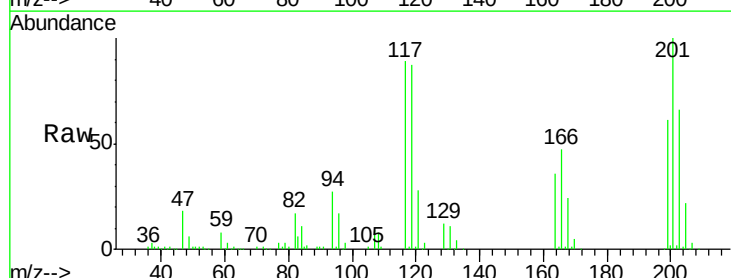
Manual Integrations
APPROVED

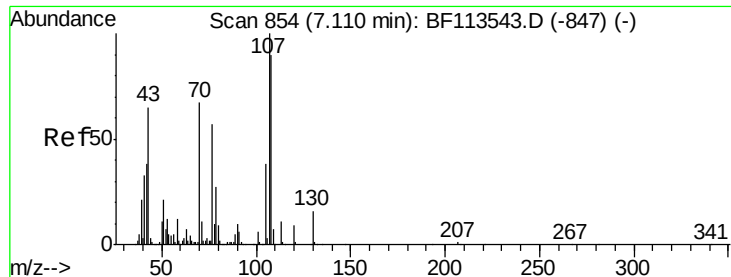
Sohil
4/17/2019 3:45:38 PM



#18
Hexachloroethane
Concen: 517.471 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	120884		
119	96.9	79.1	118.7	
201	111.8	87.0	130.6	





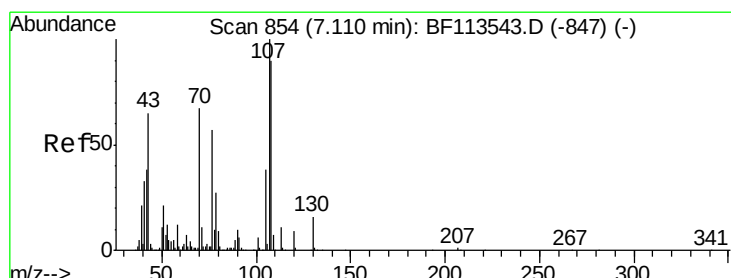
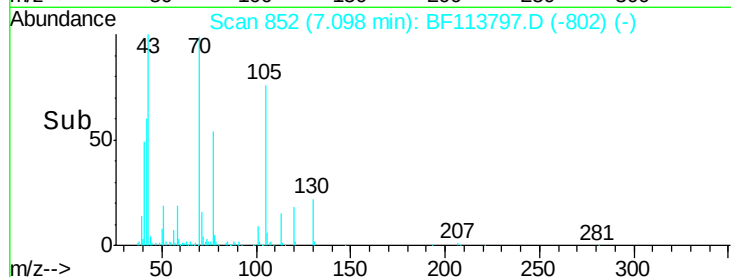
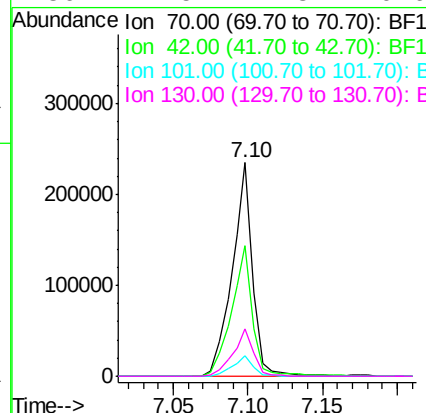
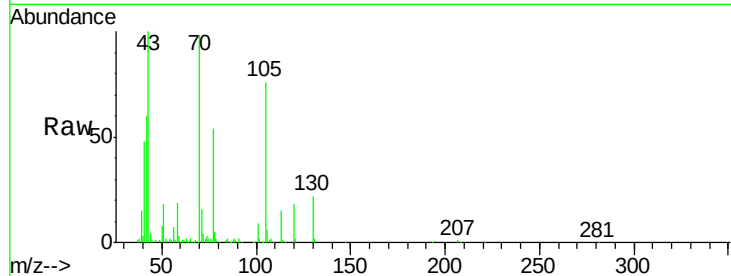
#19
n-Nitroso-di-n-propylamine
Concen: 589.091 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.0	73.6
101	9.4	7.8	11.6
130	22.5	17.8	26.6

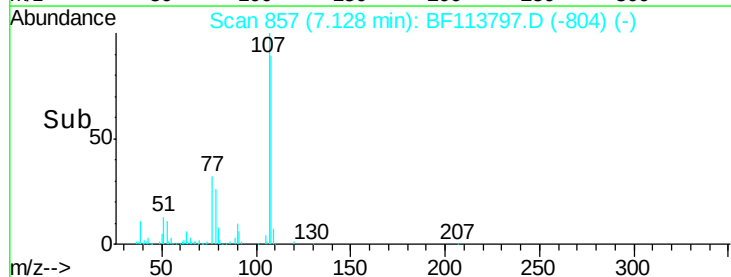
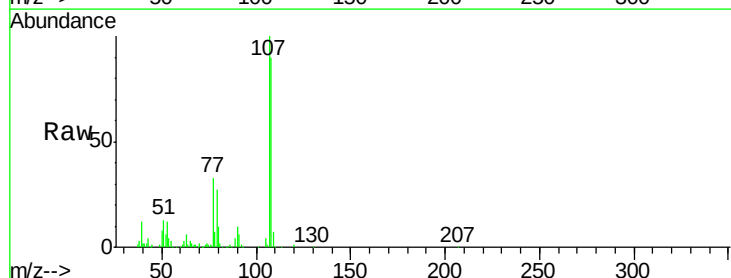
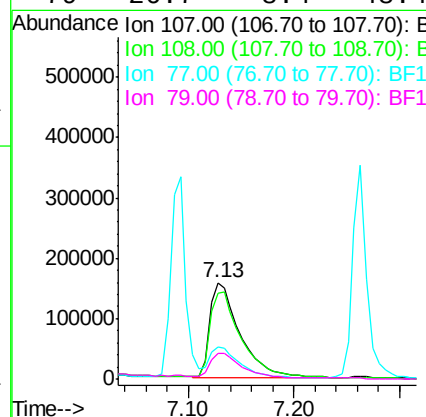
Manual Integrations
APPROVED

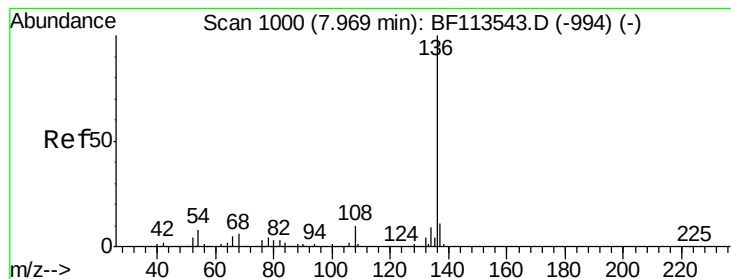
Sohil
4/17/2019 3:45:38 PM



#20
3+4-Methylphenols
Concen: 572.133 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.4	112.4
77	33.3	14.3	54.3
79	26.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF113797.D

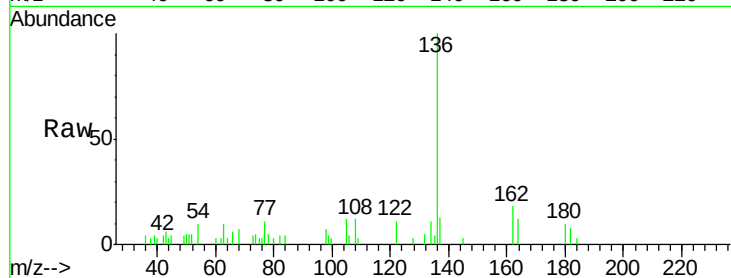
Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SU-01-041519-AMS



Tgt Ion:136 Resp: 11602

Ion Ratio Lower Upper

136 100

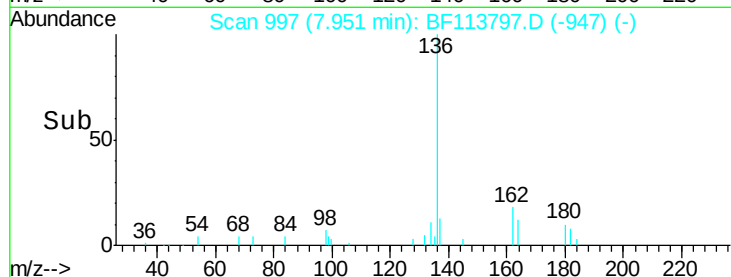
137 12.9 8.8 13.2

54 9.7 6.4 9.6#

68 7.0 4.6 7.0#

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM

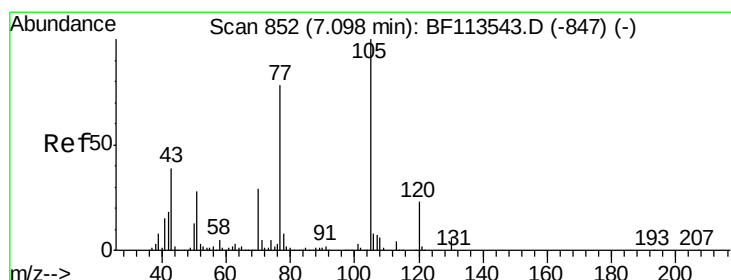
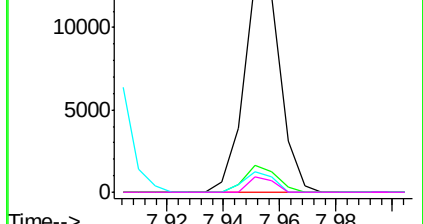


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 1741.026 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:105 Resp: 443645

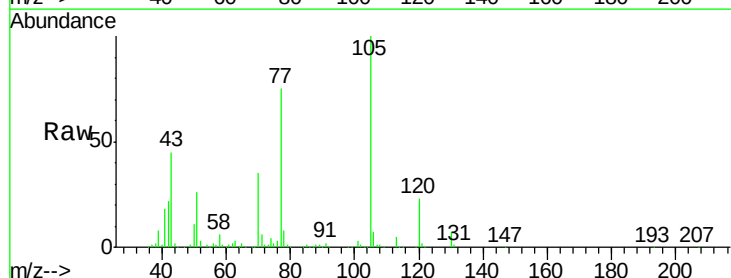
Ion Ratio Lower Upper

105 100

71 5.8 1.9 2.9#

51 26.4 22.3 33.5

120 23.3 18.4 27.6

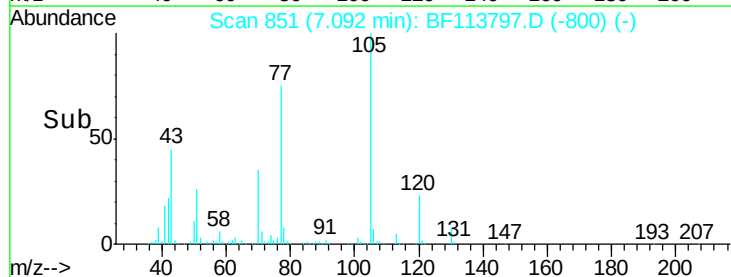
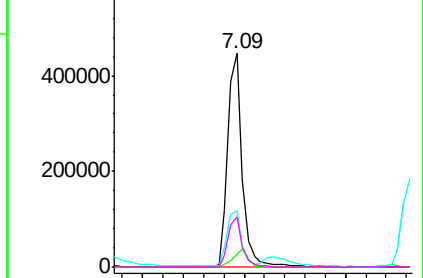


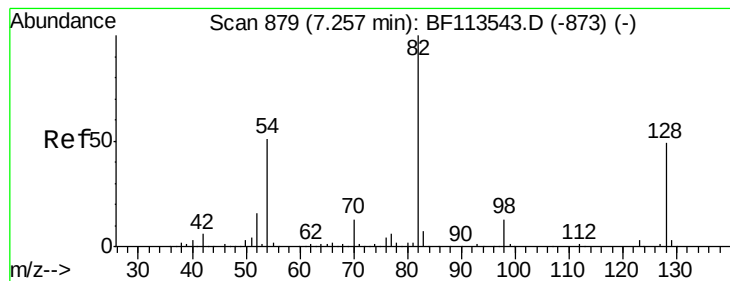
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 3194.350 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

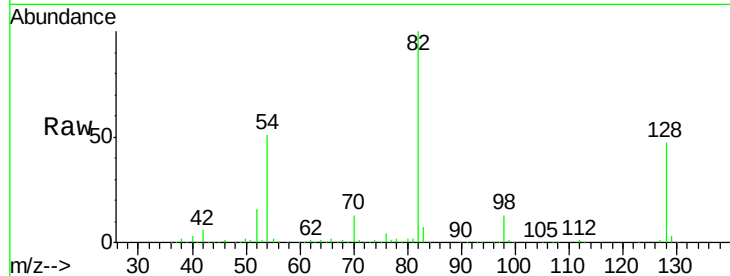
ClientSampleId :

SU-01-041519-AMS

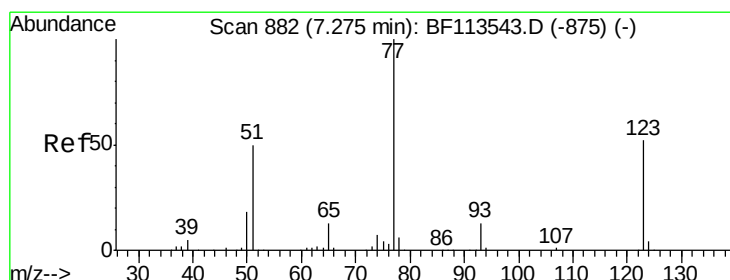
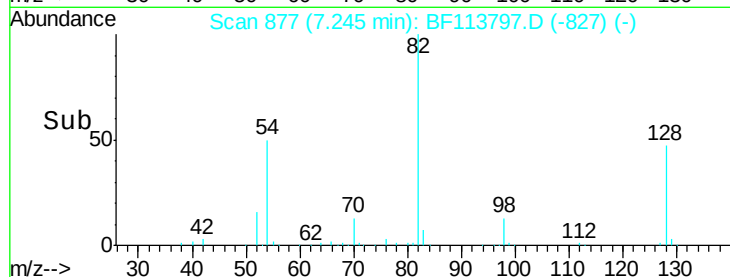
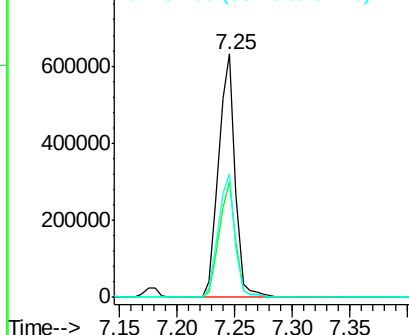
Tgt Ion:	82	Resp:	632705
Ion Ratio	Lower	Upper	
82	100		
128	47.5	38.2	57.2
54	50.7	41.0	61.4

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 1620.496 ng

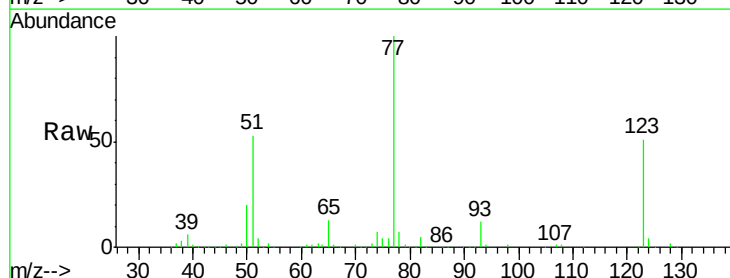
RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

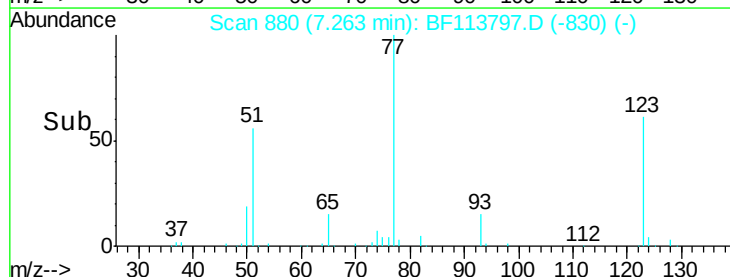
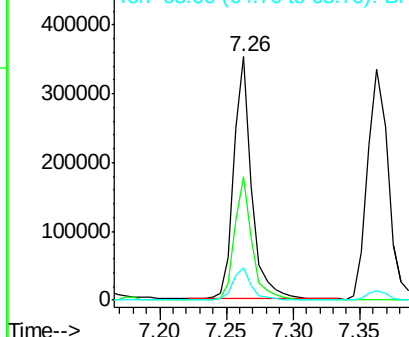
Lab File: BF113797.D

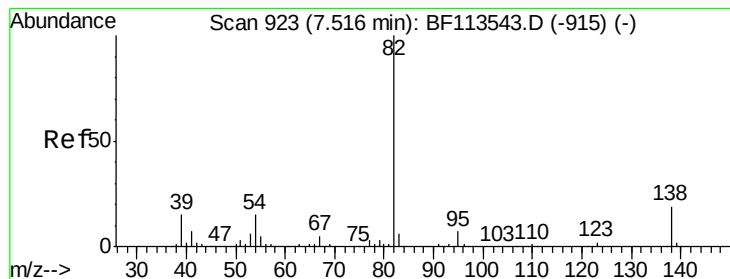
Acq: 16 Apr 2019 16:55

Tgt Ion:	77	Resp:	330548
Ion Ratio	Lower	Upper	
77	100		
123	50.7	40.1	60.1
65	13.5	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 1593.134 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

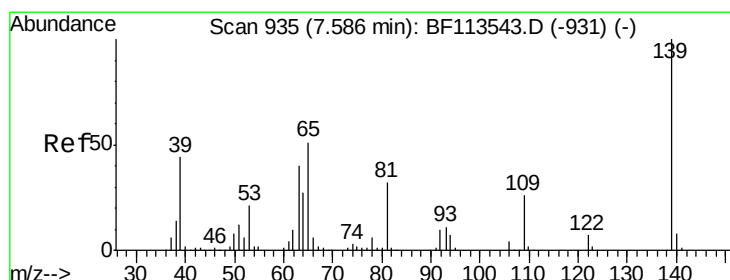
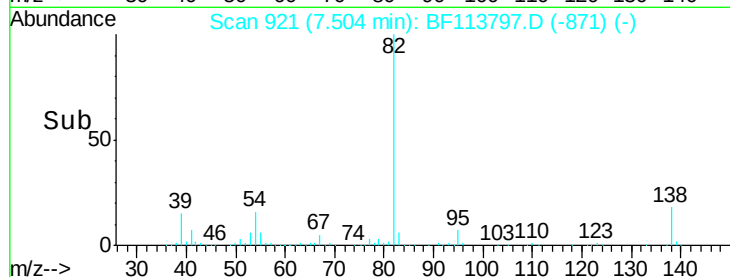
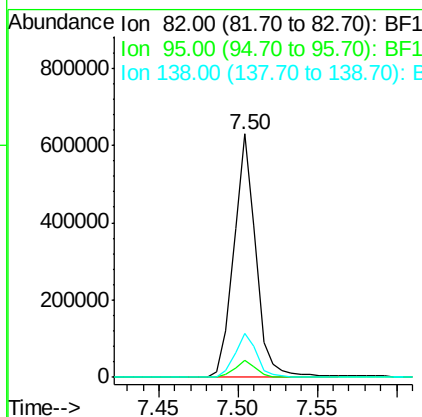
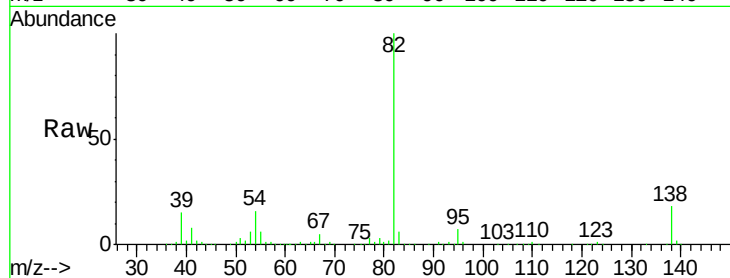
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	82	Resp:	607869
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.3	15.1	22.7

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#26

2-Nitrophenol

Concen: 1626.399 ng

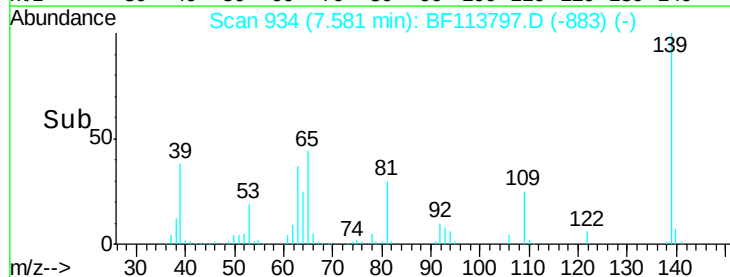
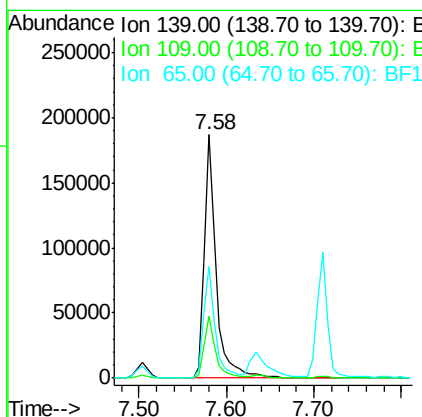
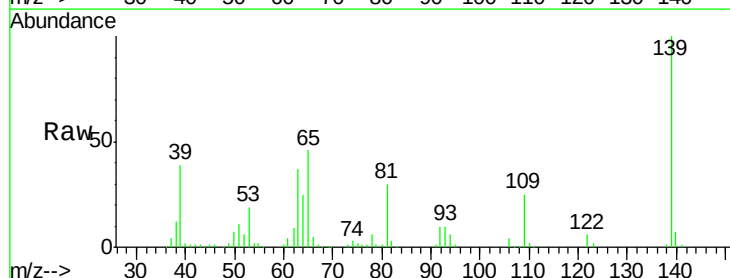
RT: 7.58 min Scan# 934

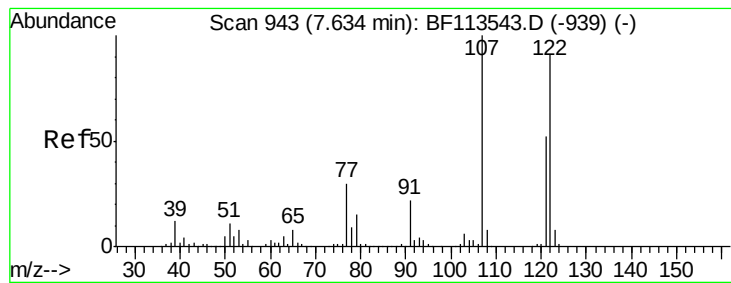
Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	139	Resp:	178549
Ion Ratio	Lower	Upper	
139	100		
109	25.2	21.1	31.7
65	45.7	39.8	59.6





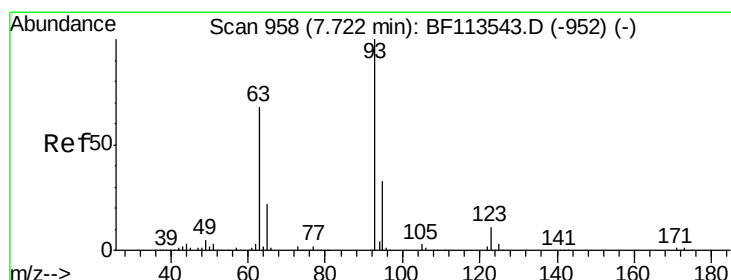
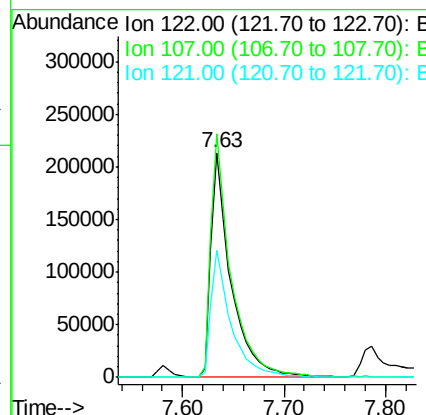
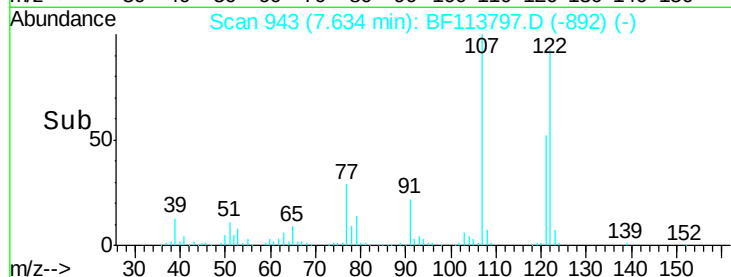
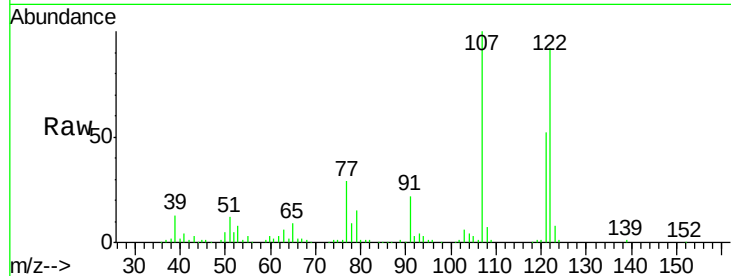
#27
2,4-Dimethylphenol
Concen: 1846.544 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	289808		
107	108.4	86.9	130.3	
121	56.6	46.4	69.6	

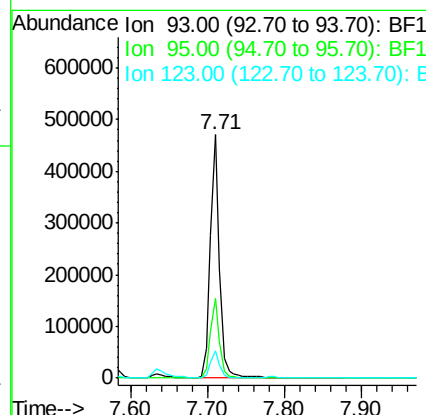
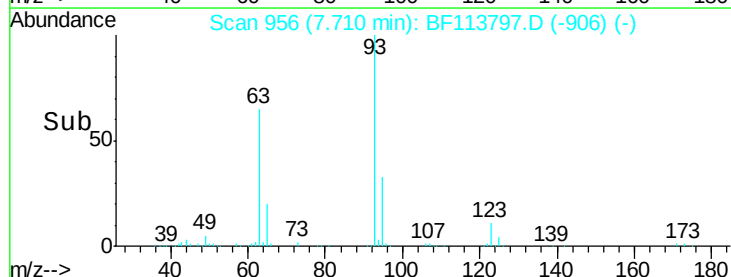
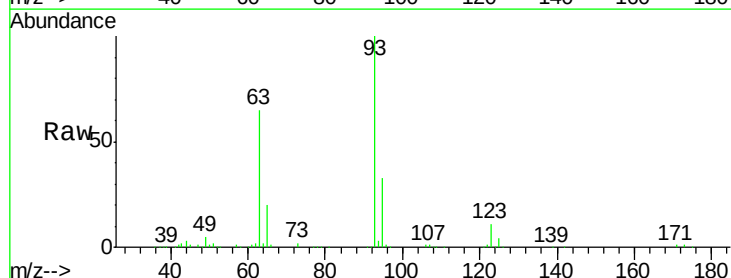
Manual Integrations
APPROVED

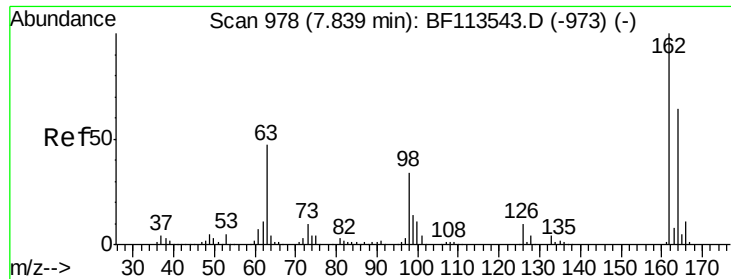
Sohil
4/17/2019 3:45:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 1618.378 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	390399		
95	32.8	26.6	40.0	
123	11.2	9.4	14.2	





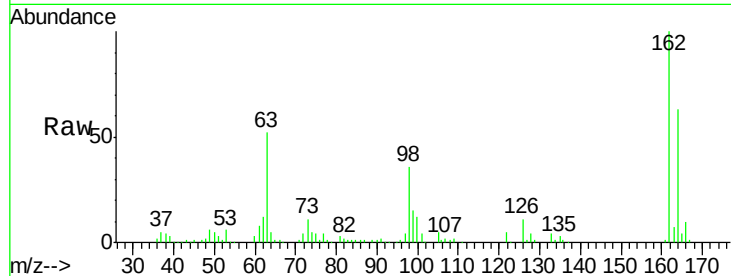
#29
2,4-Dichlorophenol
Concen: 1672.451 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

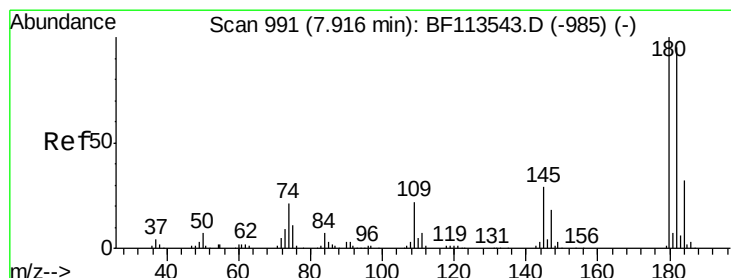
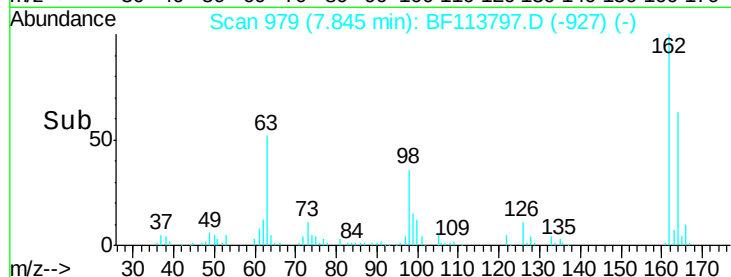
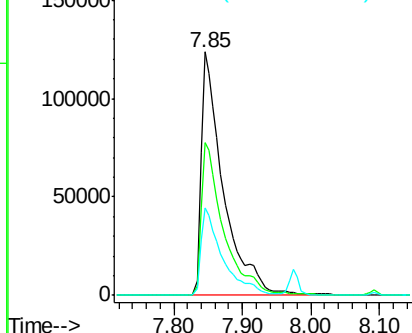
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	280842		
164	62.8	44.3	84.3	
98	35.8	15.3	55.3	

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM

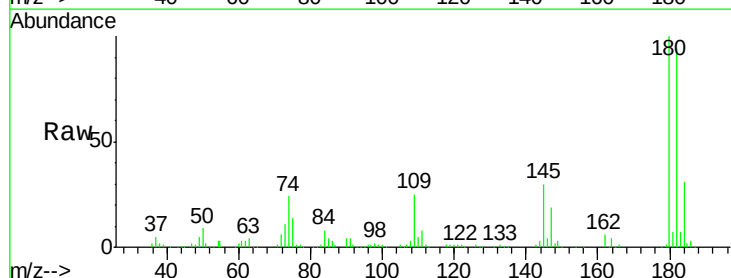


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

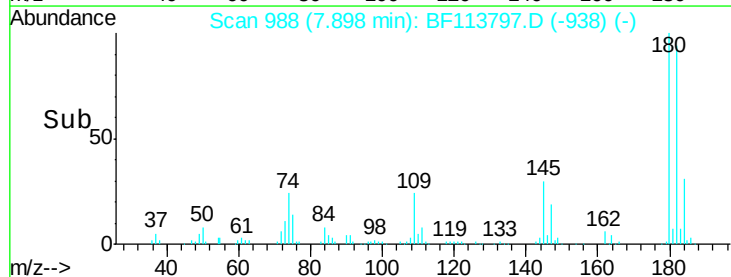
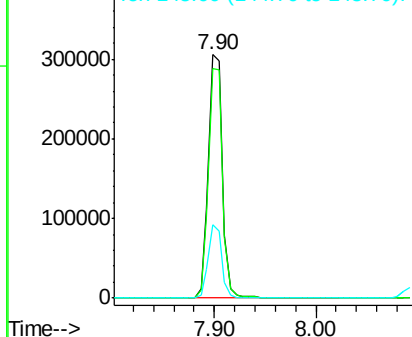


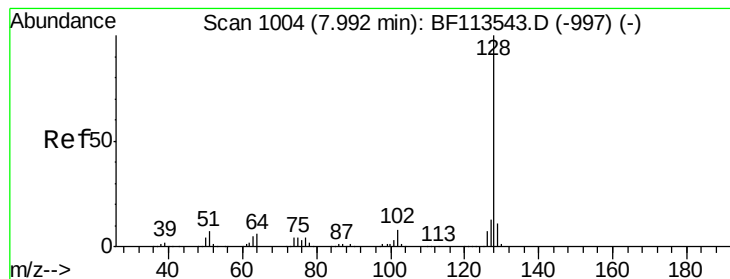
#30
1,2,4-Trichlorobenzene
Concen: 1620.036 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	295424		
182	94.3	77.0	115.4	
145	30.1	23.0	34.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 1684.524 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

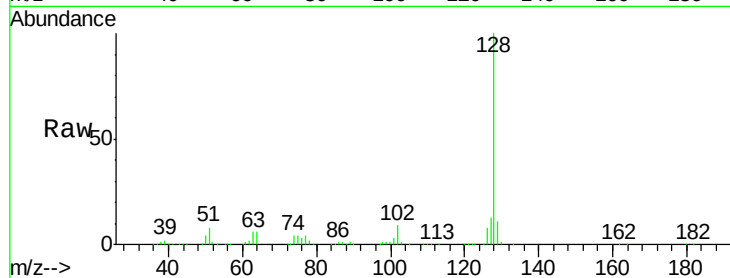
ClientSampleId :

SU-01-041519-AMS

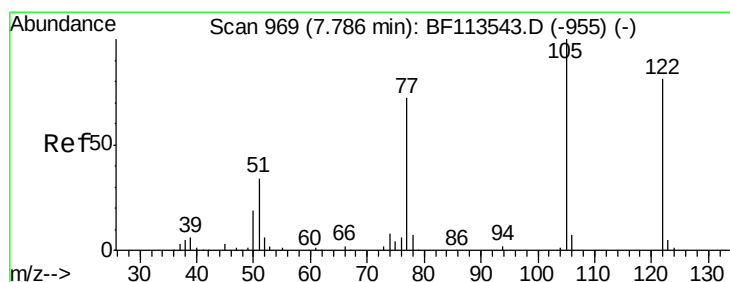
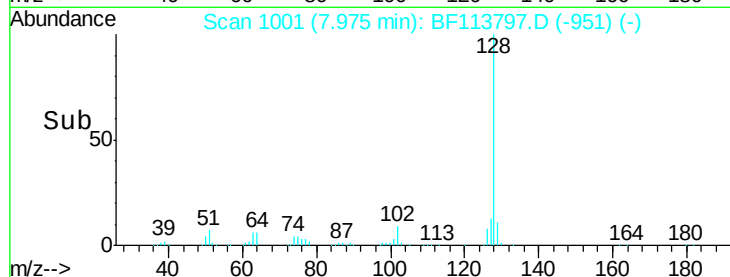
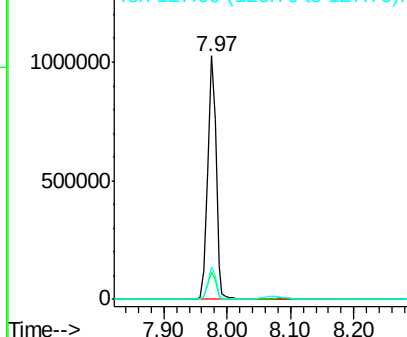
Tgt Ion:	128	Resp:	946944
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.3	10.7	16.1

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



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



#32

Benzoic acid

Concen: 527.298 ng

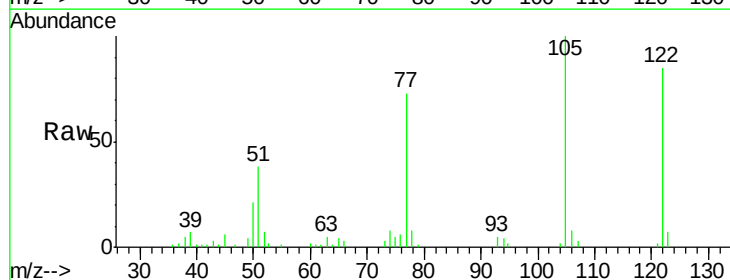
RT: 7.79 min Scan# 969

Delta R.T. -0.04 min

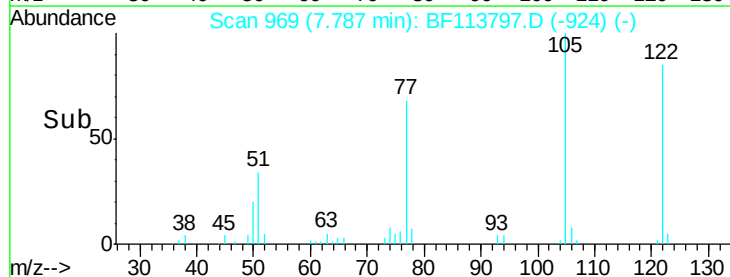
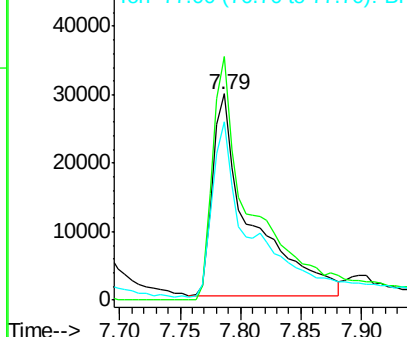
Lab File: BF113797.D

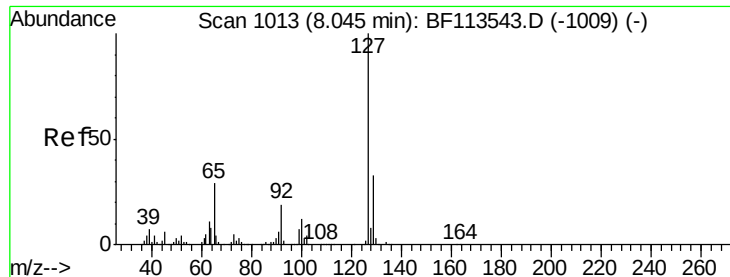
Acq: 16 Apr 2019 16:55

Tgt Ion:	122	Resp:	64083
Ion Ratio	Lower	Upper	
122	100		
105	117.9	100.6	140.6
77	86.6	70.8	110.8



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





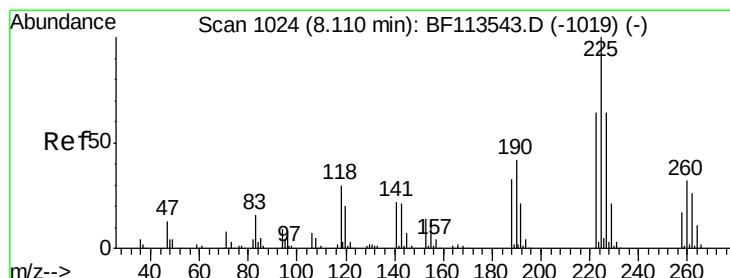
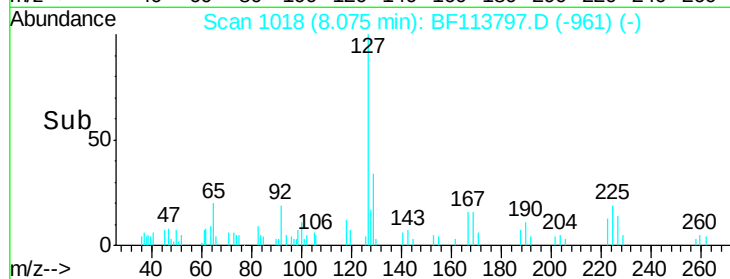
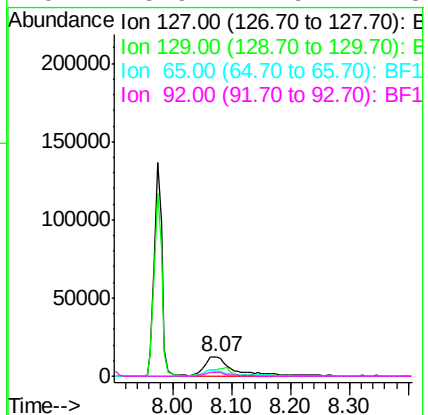
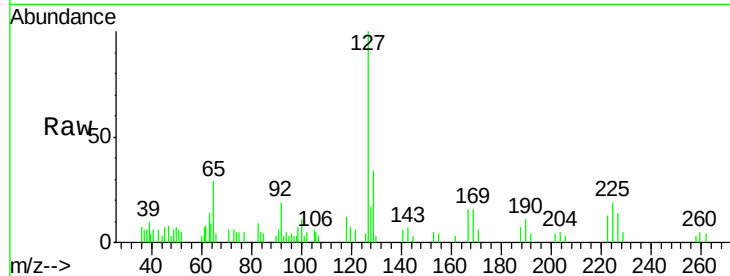
#33
4-Chloroaniline
Concen: 200.386 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.04 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.4
65	29.1	23.2	34.8
92	18.9	14.9	22.3

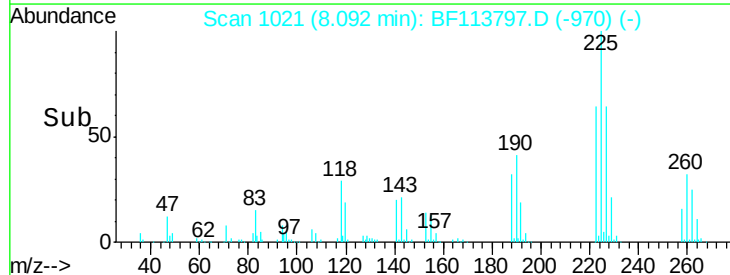
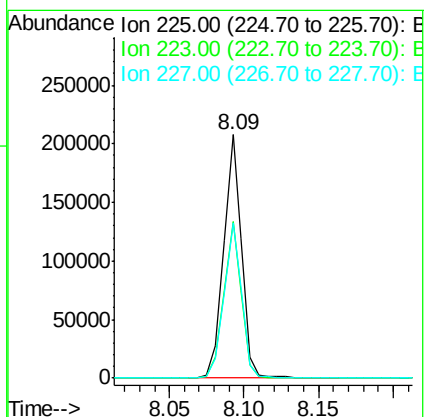
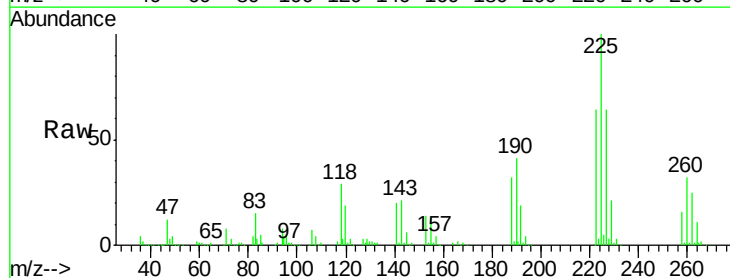
Manual Integrations
APPROVED

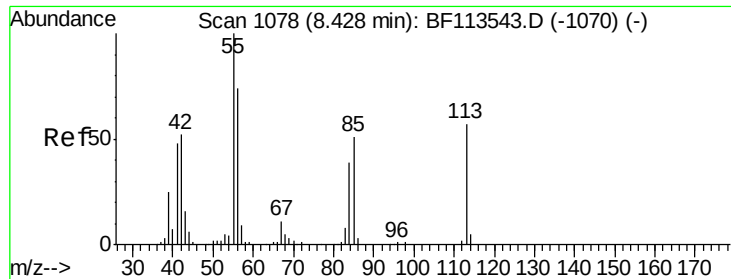
Sohil
4/17/2019 3:45:38 PM



#34
Hexachlorobutadiene
Concen: 1592.979 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.9	76.3
227	63.8	51.3	76.9





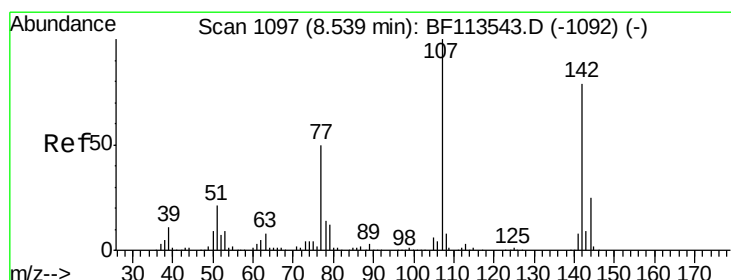
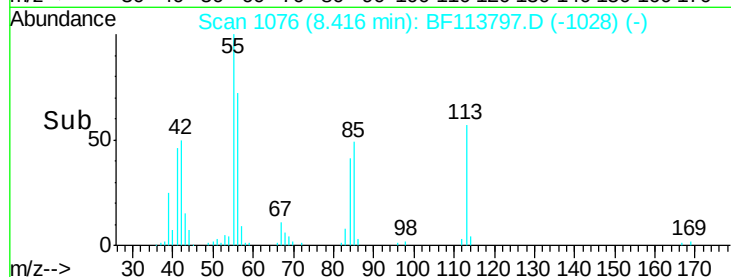
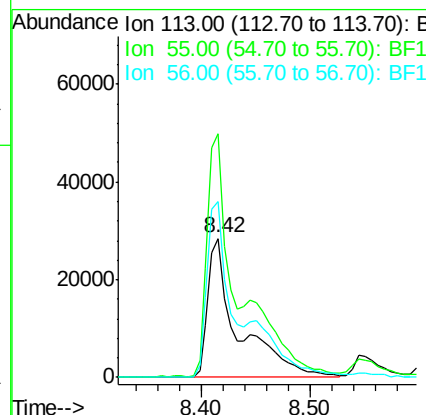
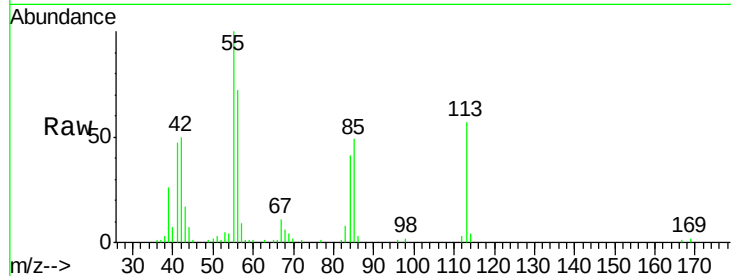
#35
 Caprolactam
 Concen: 1050.039 ng m
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion:113 Resp: 55972
 Ion Ratio Lower Upper
 113 100
 55 175.5 155.2 195.2
 56 126.8 108.0 148.0

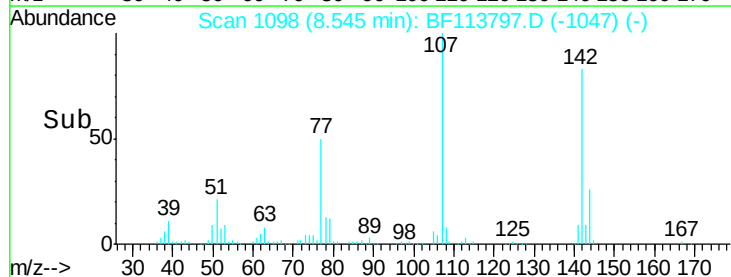
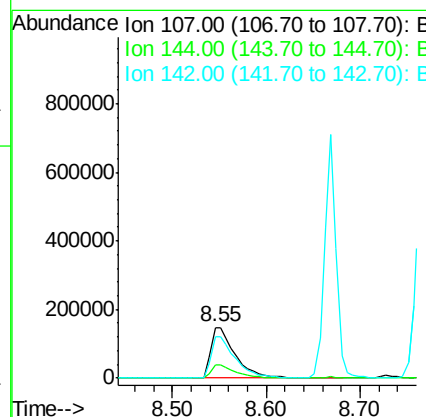
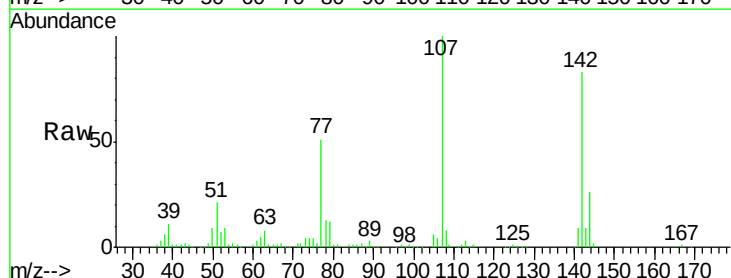
Manual Integrations
 APPROVED

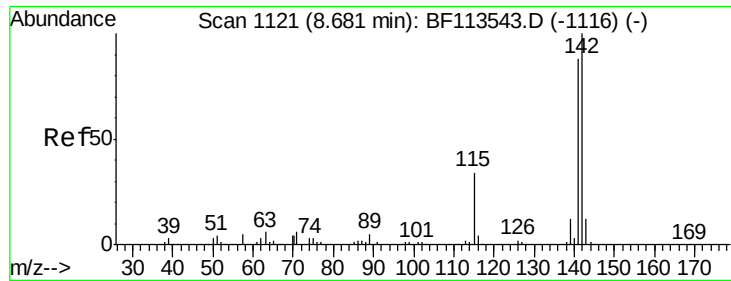
Sohil
 4/17/2019 3:45:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 1577.702 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion:107 Resp: 265950
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.0 31.4
 142 83.3 64.2 96.4





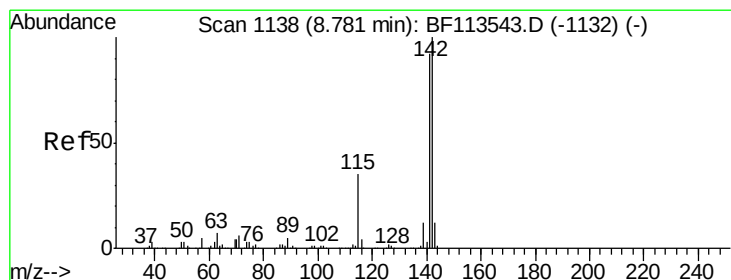
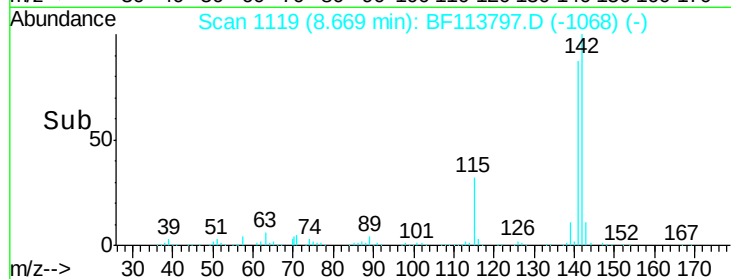
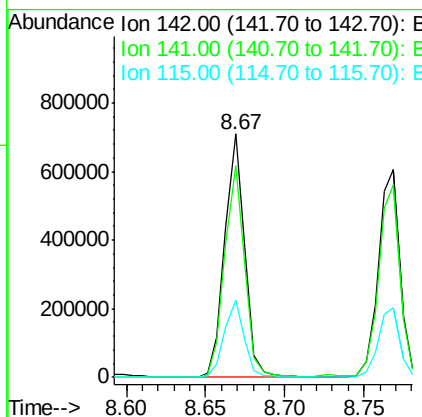
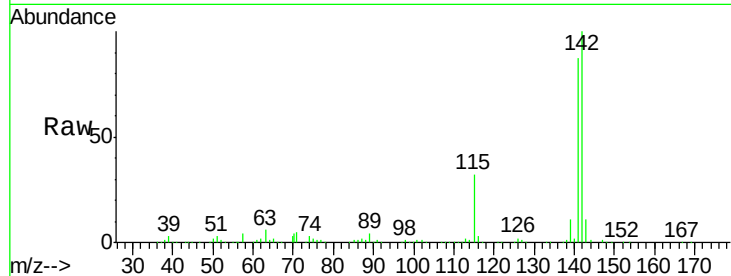
#37
2-Methylnaphthalene
Concen: 1678.212 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	620471		
141	87.1	71.0	106.4	
115	31.7	26.8	40.2	

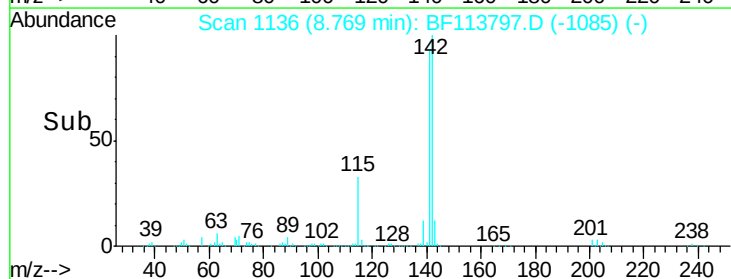
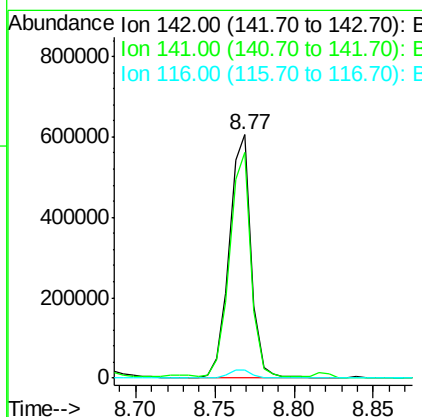
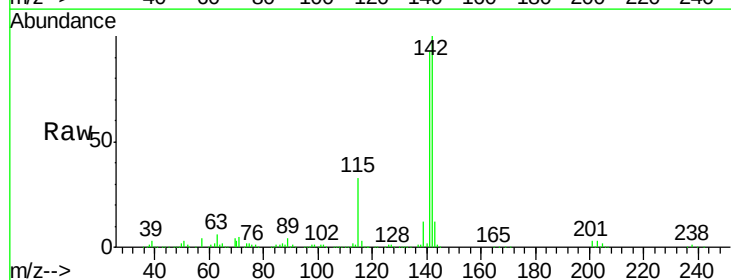
Manual Integrations
APPROVED

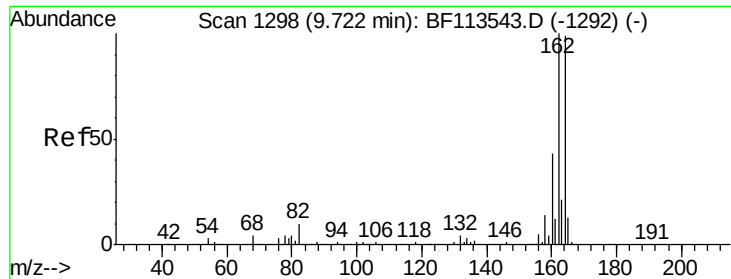
Sohil
4/17/2019 3:45:38 PM



#38
1-Methylnaphthalene
Concen: 1615.435 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	575912		
141	92.7	73.0	109.4	
116	3.4	2.8	4.2	





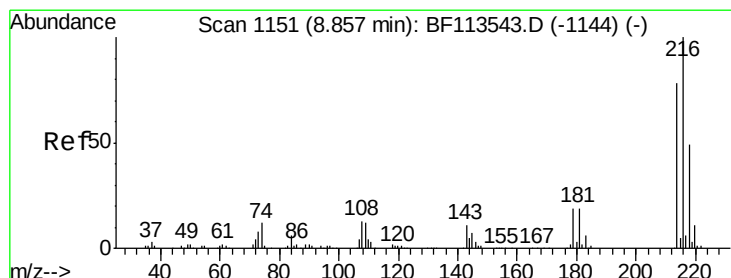
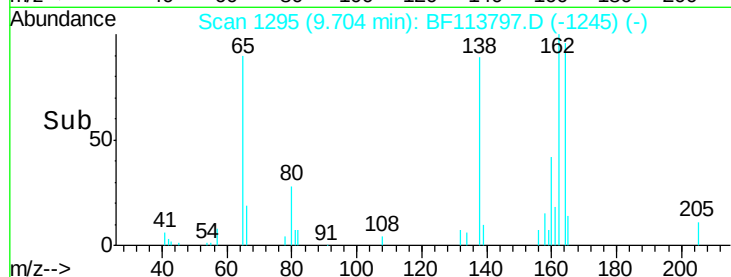
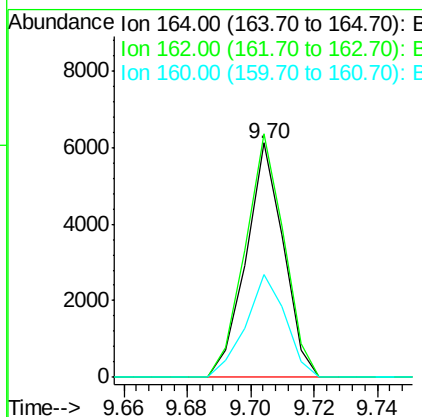
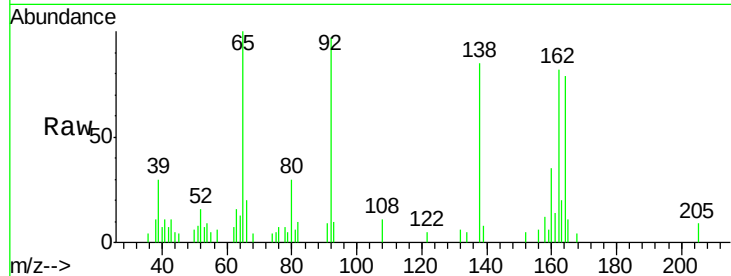
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.2	120.2
160	43.9	35.8	53.6

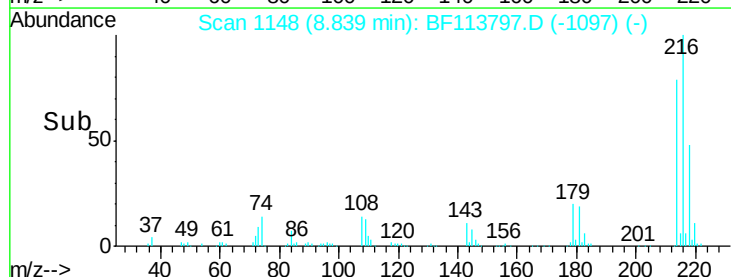
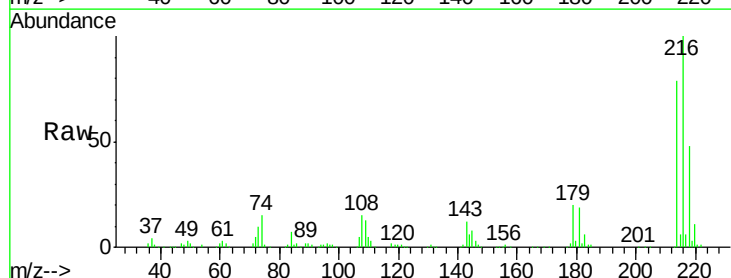
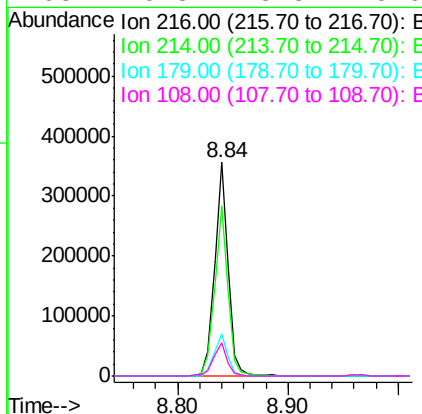
Manual Integrations
 APPROVED

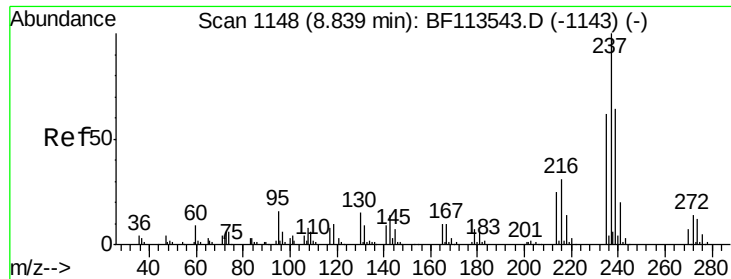
Sohil
 4/17/2019 3:45:38 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 1830.523 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	19.8	16.2	24.2
108	16.3	13.3	19.9





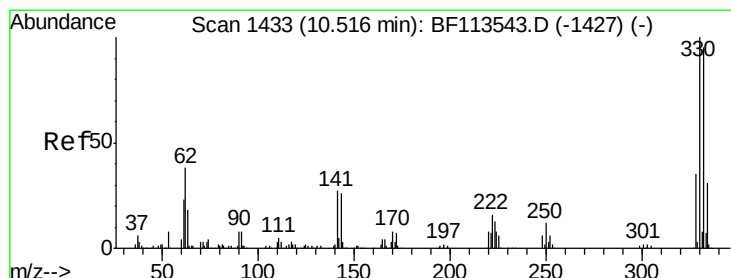
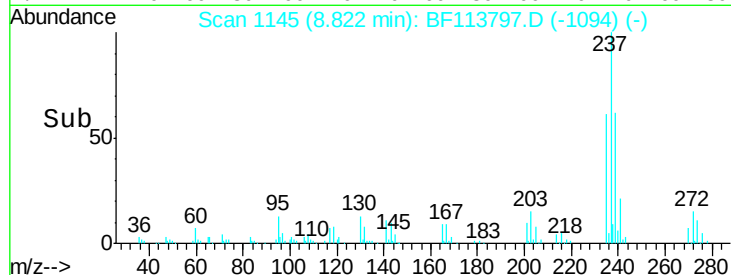
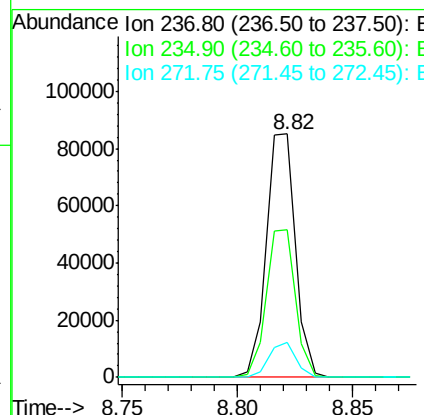
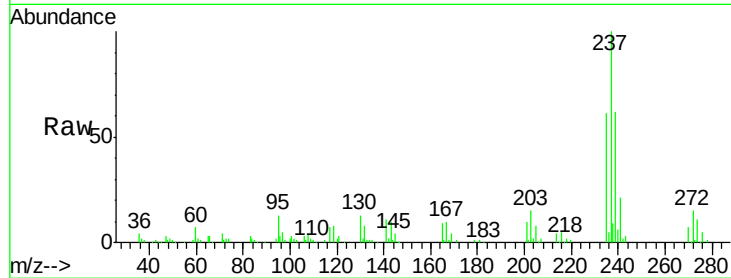
#41
Hexachlorocyclopentadiene
Concen: 1119.972 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion:	237	Resp:	75129
Ion Ratio	Lower	Upper	
237	100		
235	60.6	43.9	83.9
272	14.6	0.0	34.0

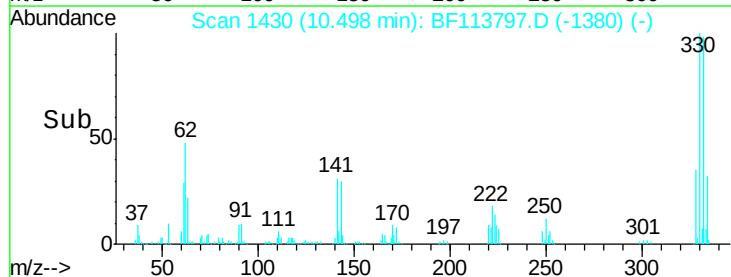
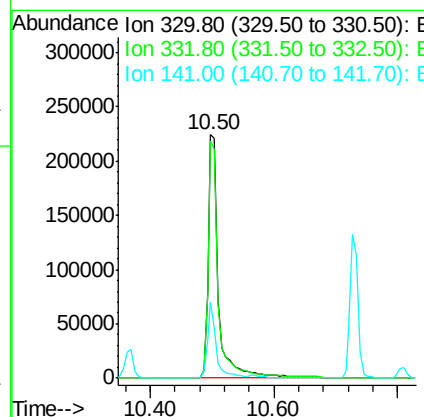
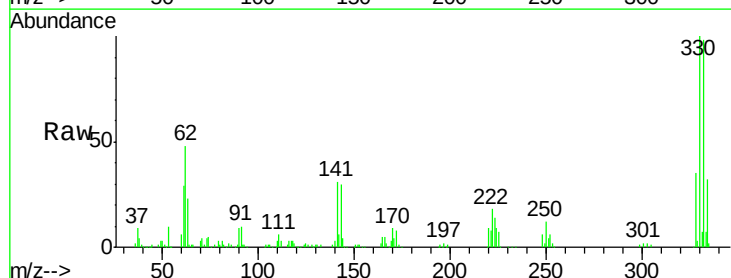
Manual Integrations
APPROVED

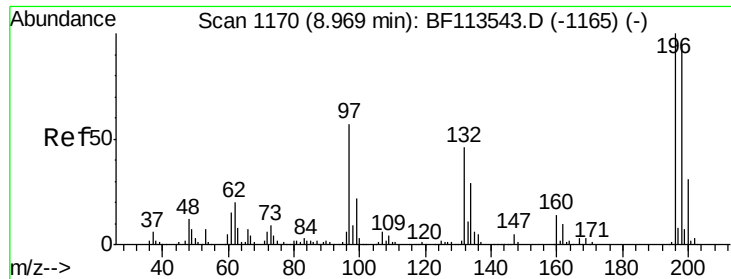
Sohil
4/17/2019 3:45:38 PM



#42
2,4,6-Tribromophenol
Concen: 4479.658 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion:	330	Resp:	269058
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.8	115.2
141	26.2	21.0	31.4





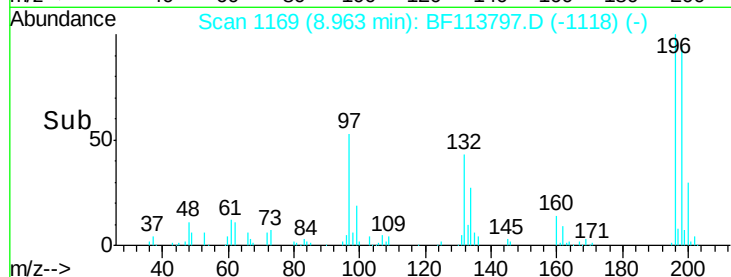
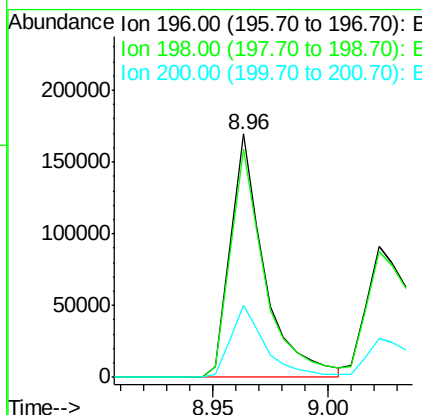
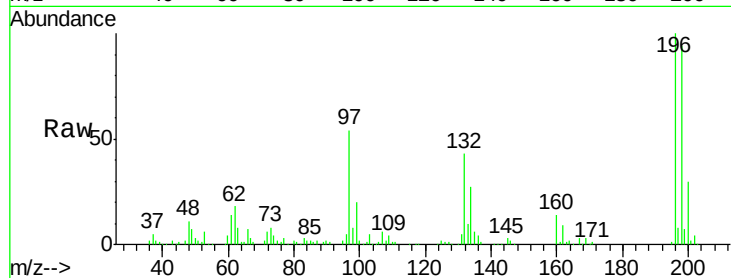
#43
 2,4,6-Trichlorophenol
 Concen: 1703.308 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173860		
198	94.0	75.8	113.6	
200	29.7	24.2	36.2	

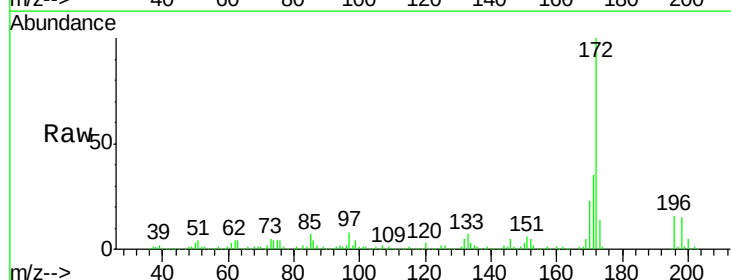
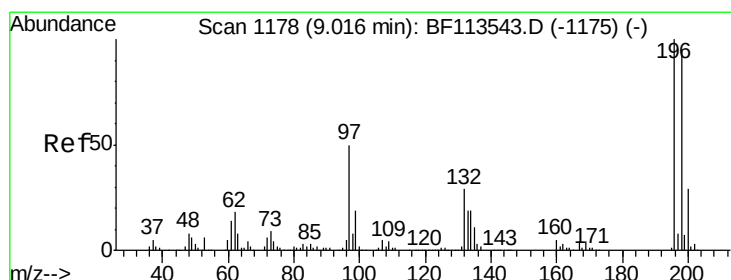
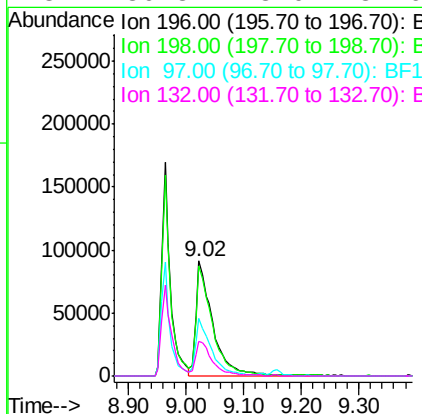
Manual Integrations
 APPROVED

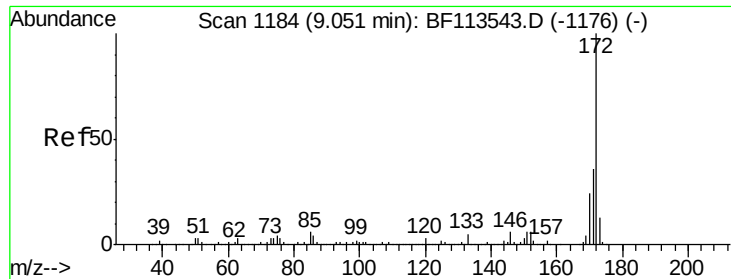
Sohil
 4/17/2019 3:45:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 1675.541 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183611		
198	96.2	77.8	116.6	
97	50.2	36.8	55.2	
132	30.3	23.0	34.6	





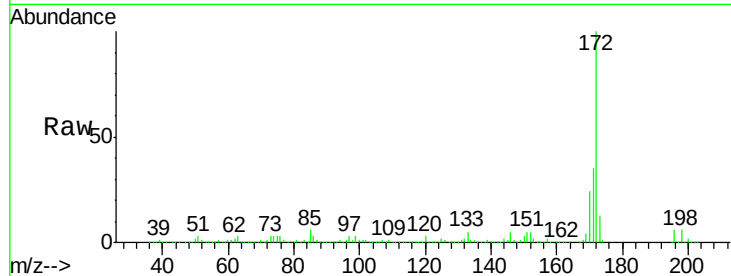
#45
 2-Fluorobiphenyl
 Concen: 3684.107 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

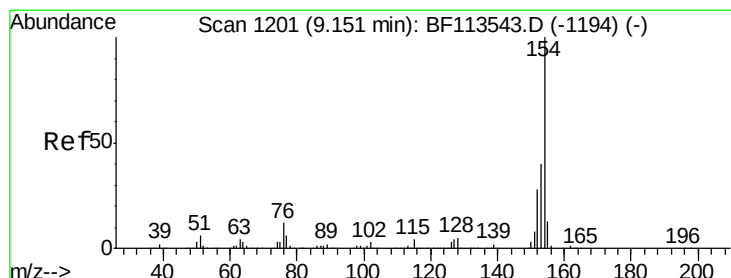
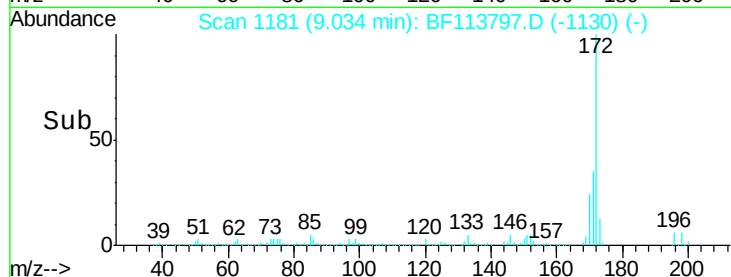
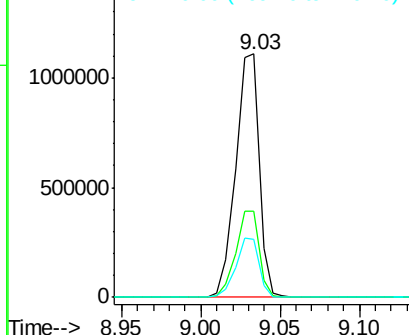
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.3	43.9
170	23.9	19.6	29.4

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:45:38 PM



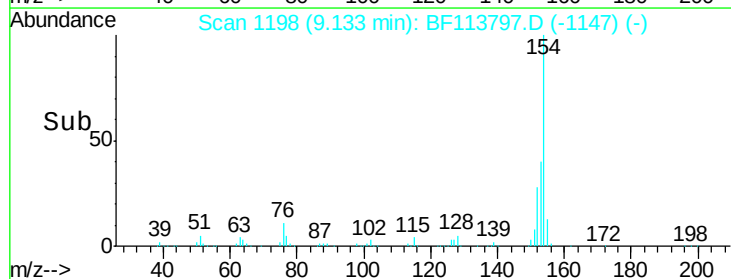
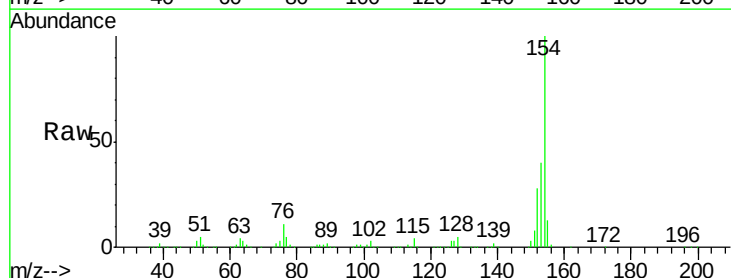
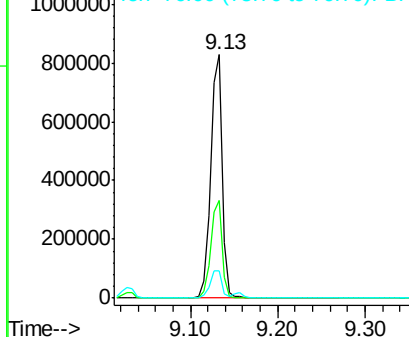
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

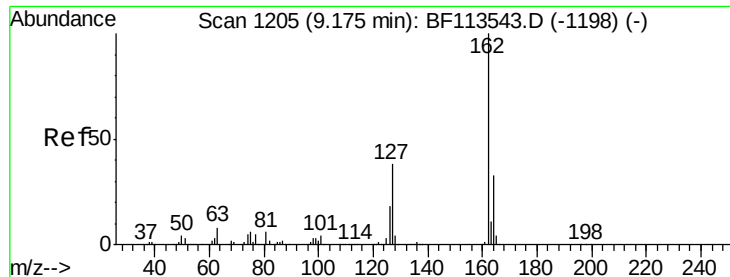


#46
 1,1'-Biphenyl
 Concen: 1825.418 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	11.0	0.0	32.7

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





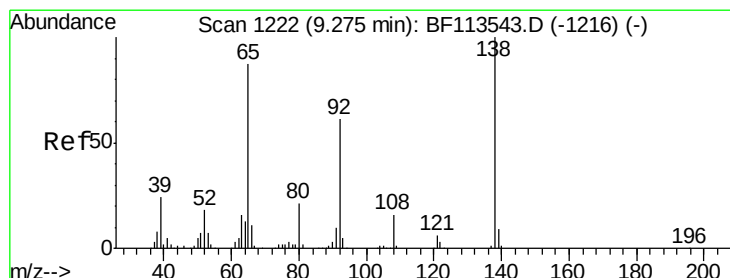
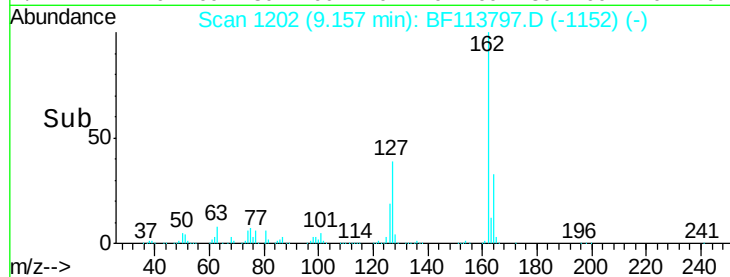
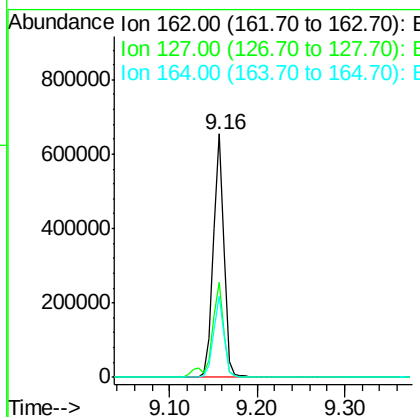
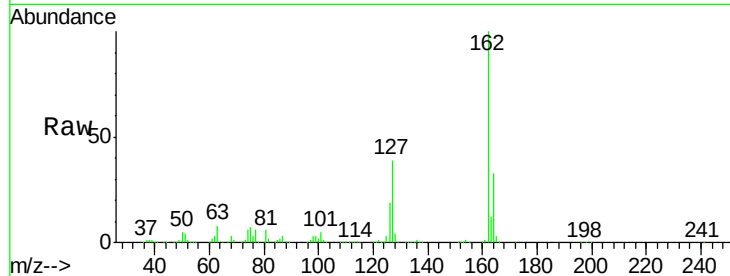
#47
2-Chloronaphthalene
Concen: 1781.291 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	556458		
127	39.2	31.0	46.6	
164	33.4	26.6	40.0	

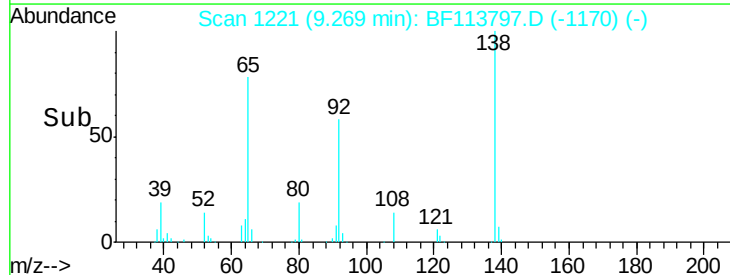
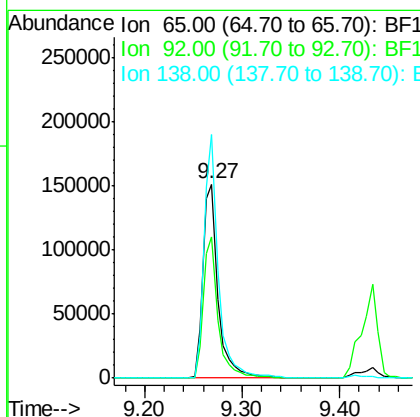
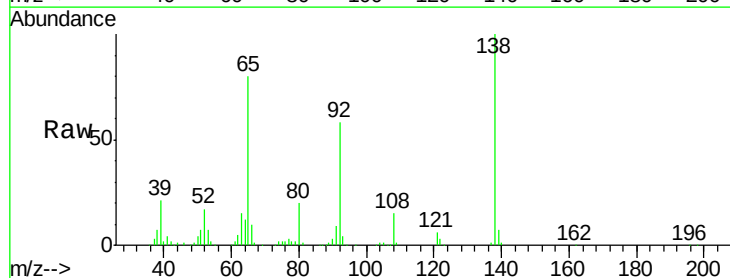
Manual Integrations
APPROVED

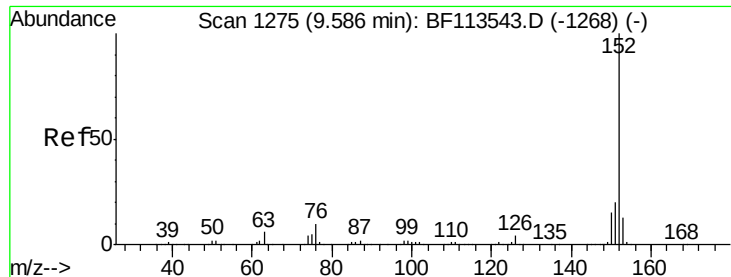
Sohil
4/17/2019 3:45:38 PM



#48
2-Nitroaniline
Concen: 1709.967 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	163453		
92	72.5	56.5	84.7	
138	125.4	90.5	135.7	





#49

Acenaphthylene

Concen: 1691.492 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

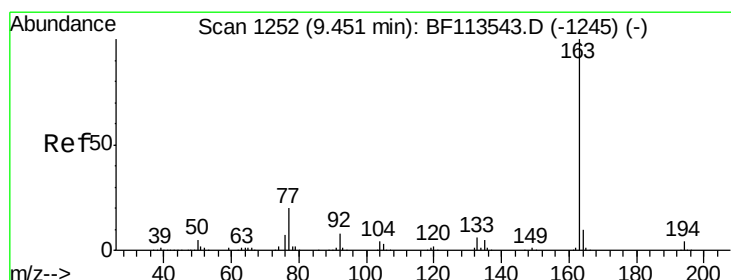
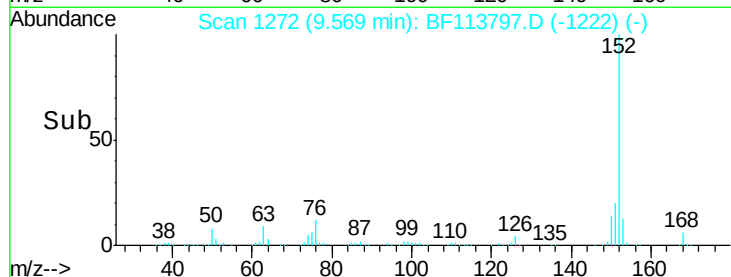
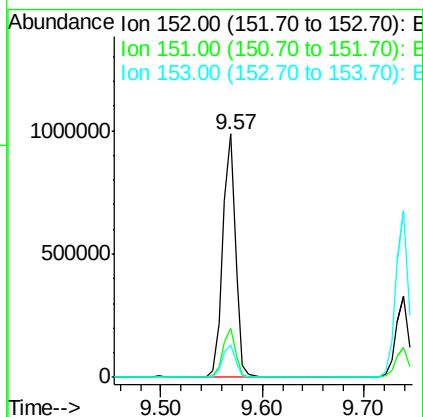
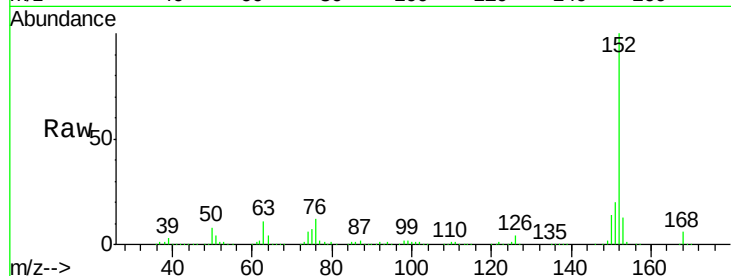
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	152	Resp:	859247
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.6	24.8
153	13.1	10.6	16.0

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#50

Dimethylphthalate

Concen: 1719.309 ng

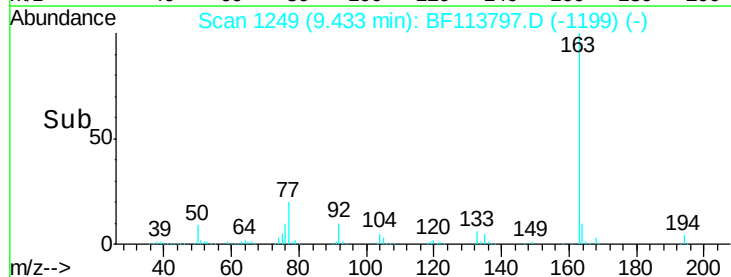
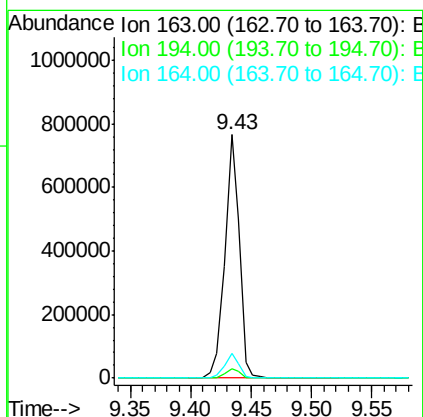
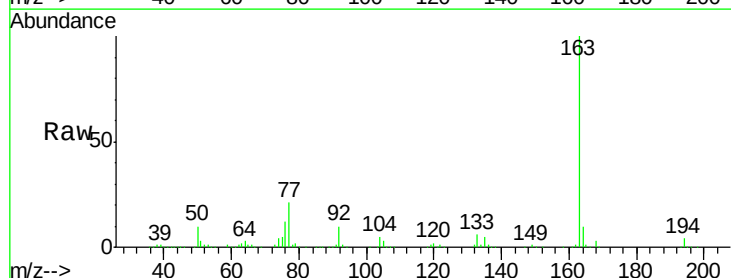
RT: 9.43 min Scan# 1249

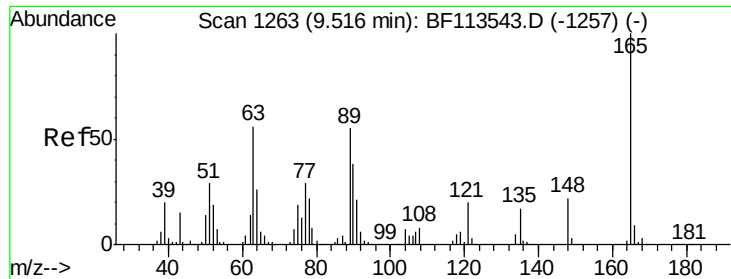
Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	163	Resp:	633681
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.4	8.3	12.5





#51

2,6-Dinitrotoluene

Concen: 1687.772 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

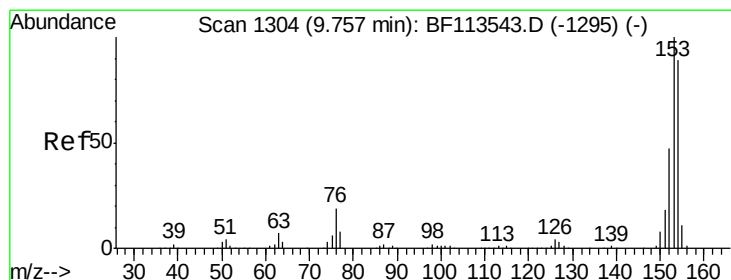
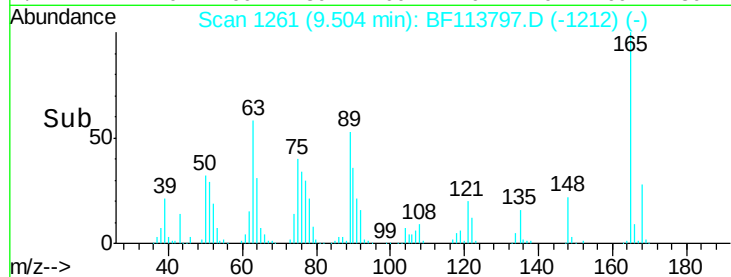
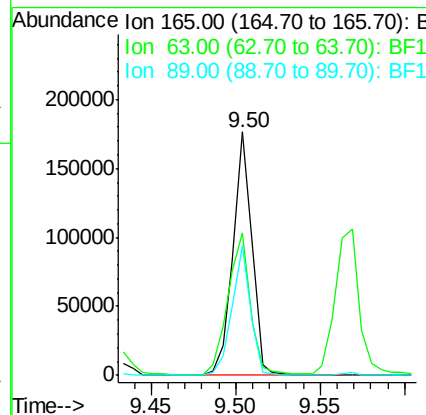
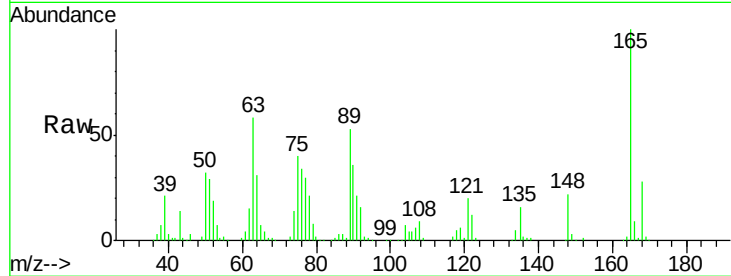
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	165	Resp:	137119
Ion Ratio	Lower	Upper	
165	100		
63	58.5	33.8	50.8#
89	53.3	36.2	54.2

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#52

Acenaphthene

Concen: 1743.646 ng

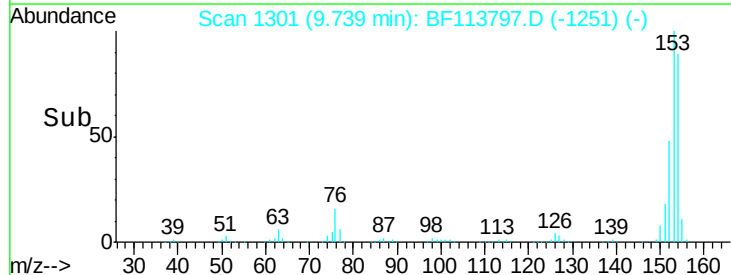
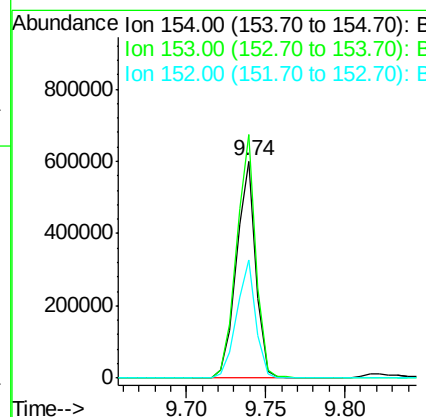
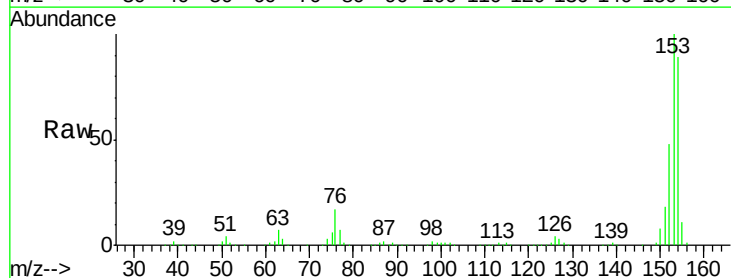
RT: 9.74 min Scan# 1301

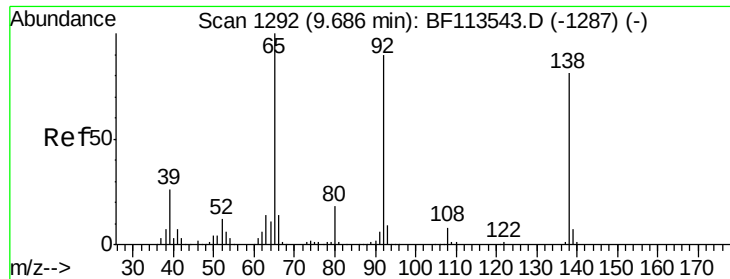
Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	154	Resp:	507022
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.8	134.6
152	54.4	42.9	64.3





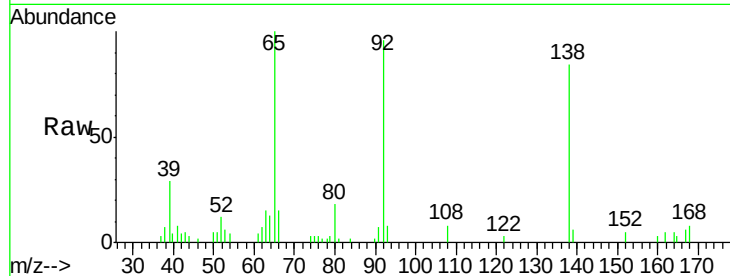
#53
3-Nitroaniline
Concen: 204.605 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

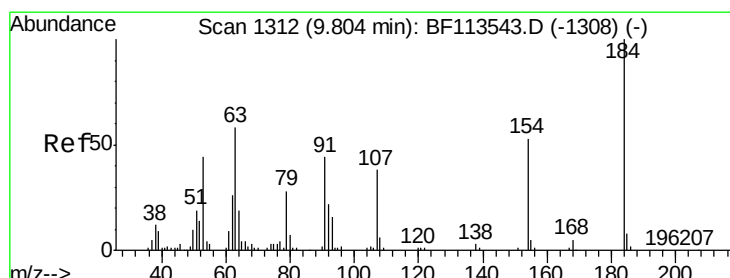
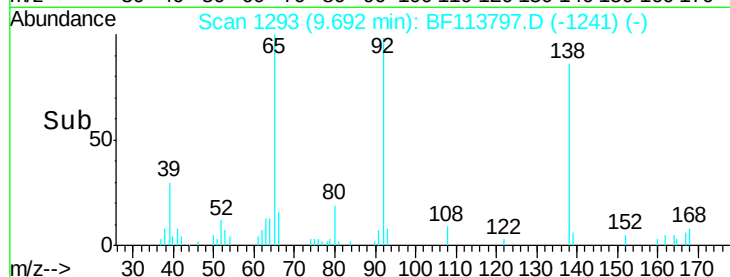
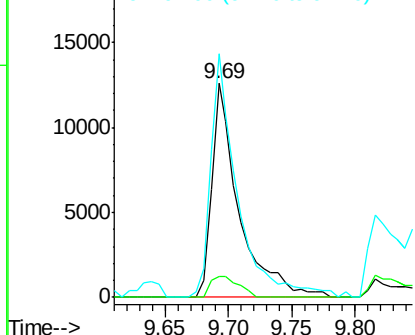
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	18899		
108	10.0	7.4	11.2	
92	113.8	89.1	133.7	

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM

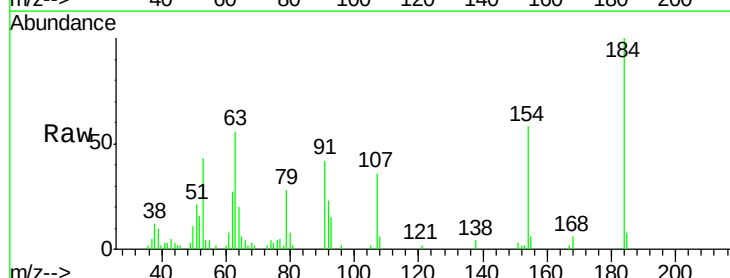


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

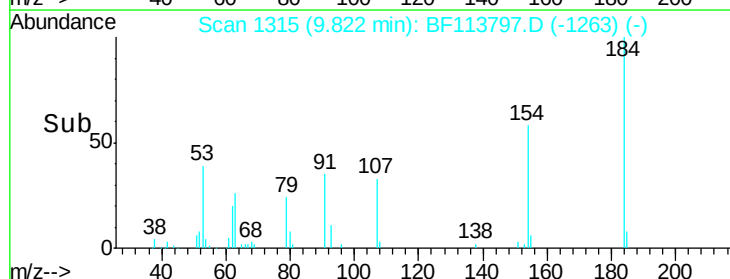
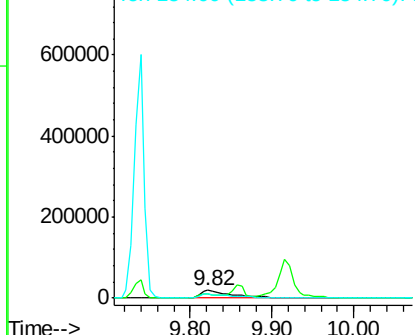


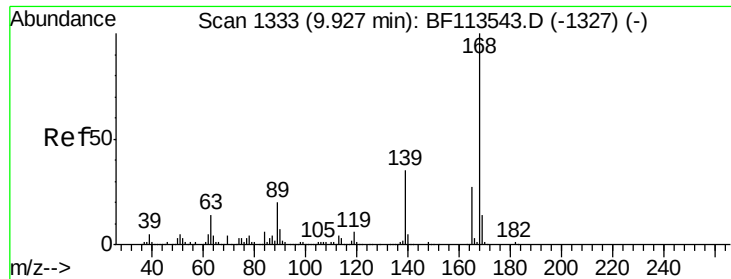
#54
2,4-Dinitrophenol
Concen: 1351.602 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	51373		
63	55.7	45.0	67.4	
154	57.5	45.4	68.2	



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





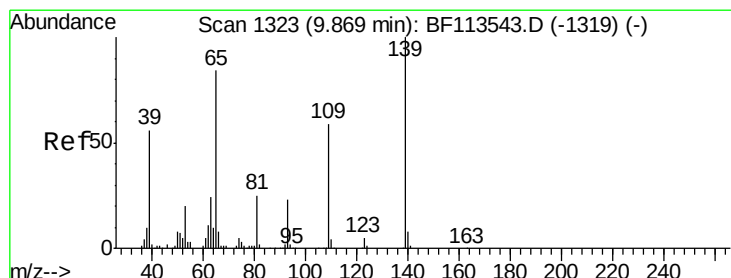
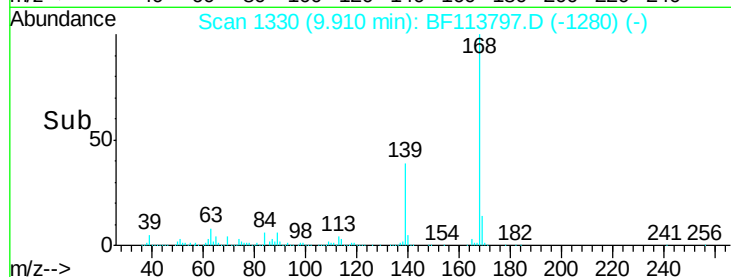
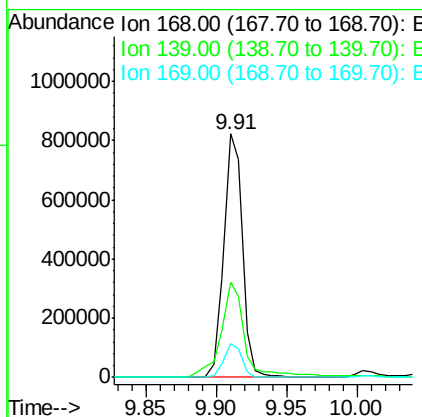
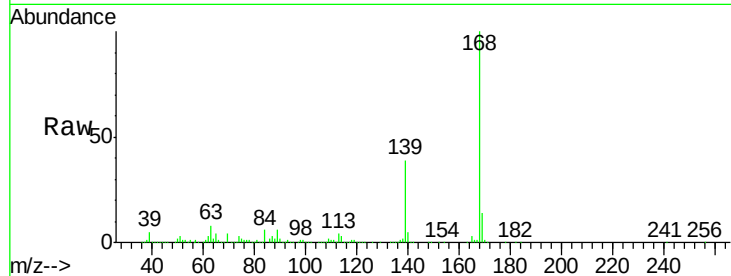
#55
Dibenzenofuran
Concen: 1772.932 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	756241		
139	39.3	31.1	46.7	
169	14.1	11.2	16.8	

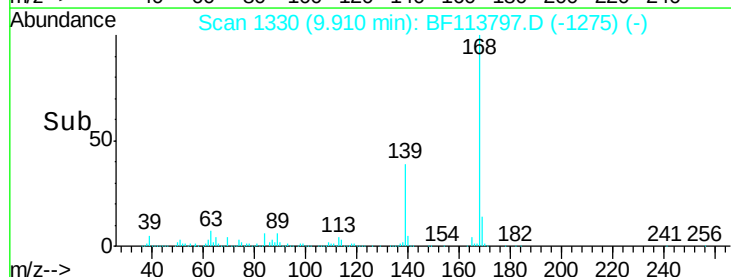
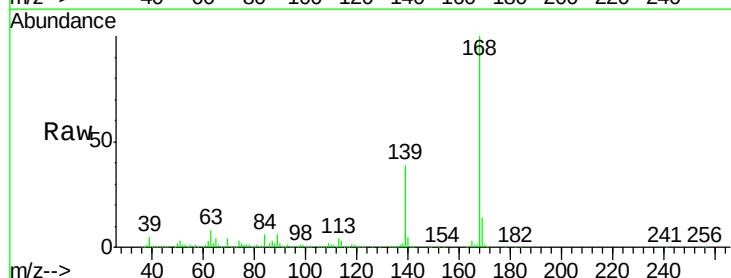
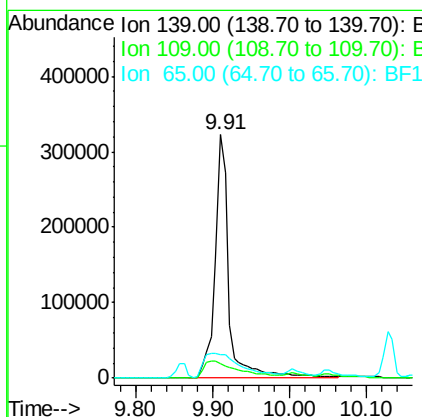
Manual Integrations
APPROVED

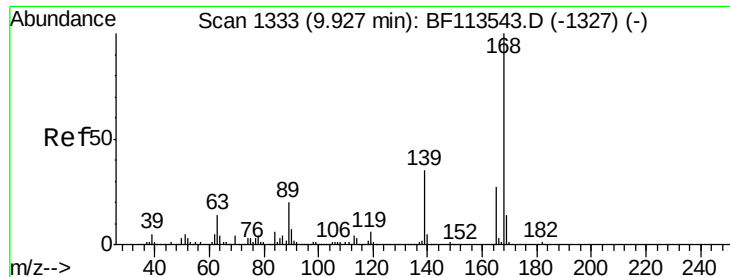
Sohil
4/17/2019 3:45:38 PM



#56
4-Nitrophenol
Concen: 6889.366 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

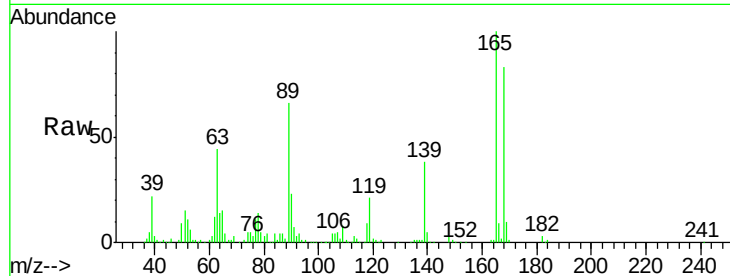
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	394749		
109	6.0	42.2	82.2#	
65	9.4	69.4	109.4#	





#57
 2,4-Dinitrotoluene
 Concen: 1726.417 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

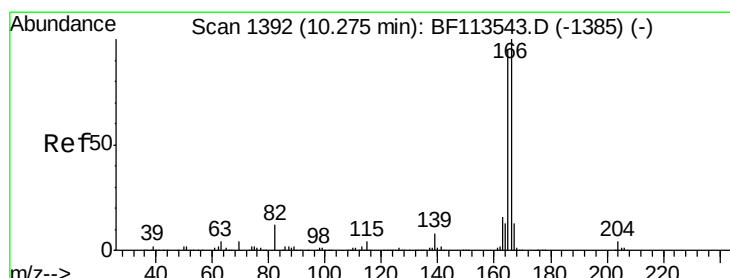
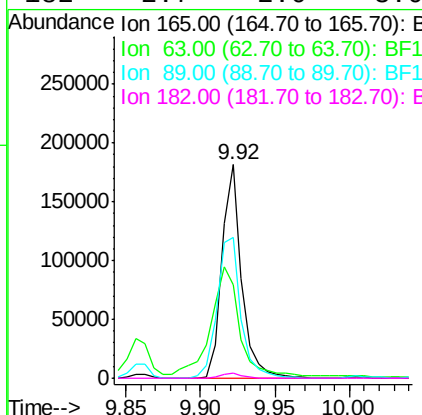
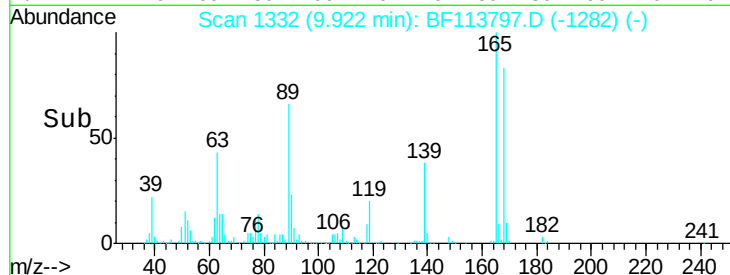
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169632		
63	43.8	32.2	48.2	
89	66.0	51.3	76.9	
182	2.7	2.0	3.0	

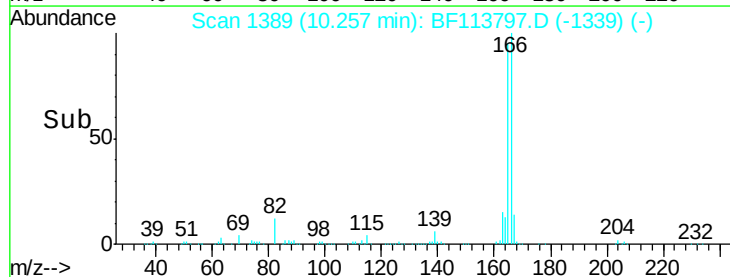
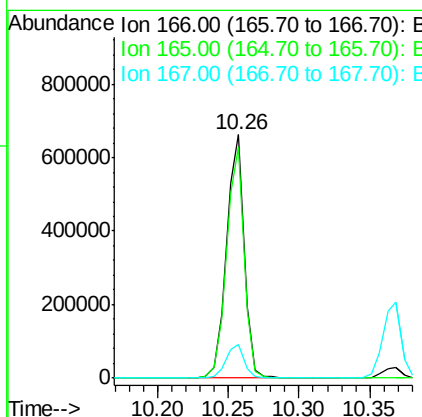
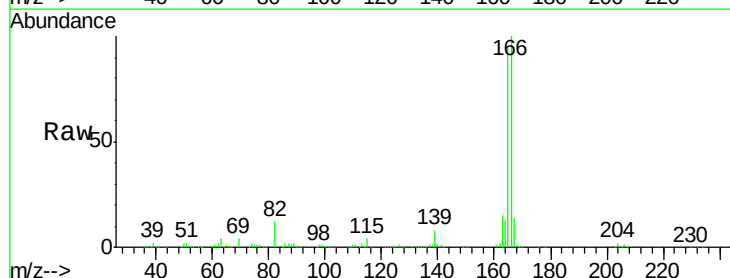
Manual Integrations
 APPROVED

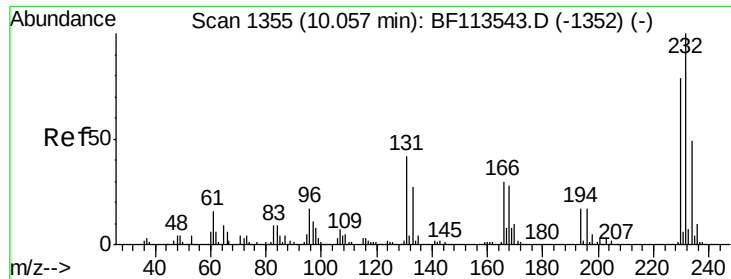
Sohil
 4/17/2019 3:45:38 PM



#58
 Fluorene
 Concen: 1701.483 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	574024		
165	95.0	76.0	114.0	
167	13.6	10.7	16.1	





#59

2,3,4,6-Tetrachlorophenol

Concen: 1687.365 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF113797.D

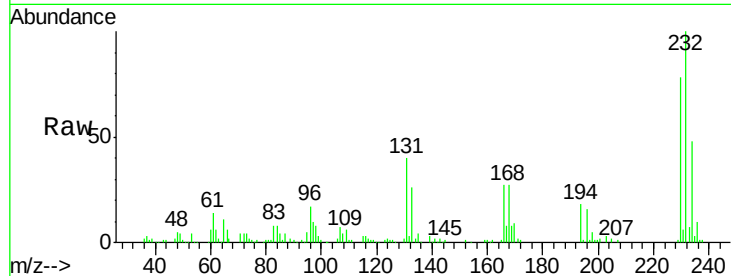
Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

ClientSampleId :

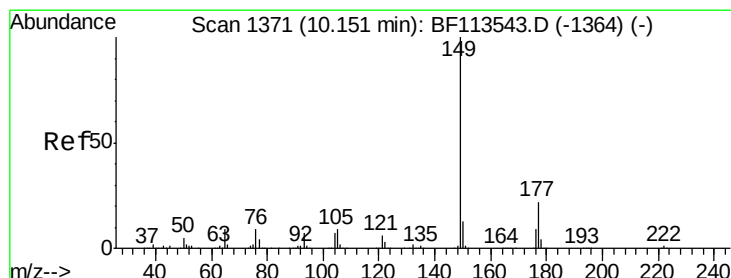
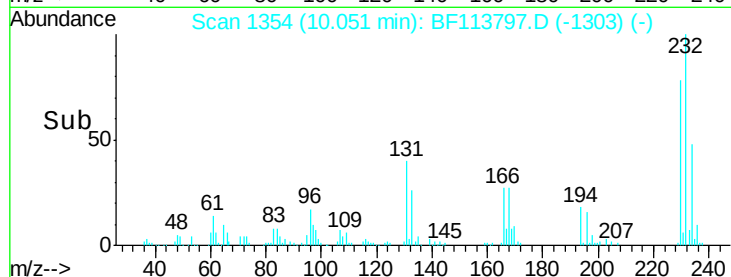
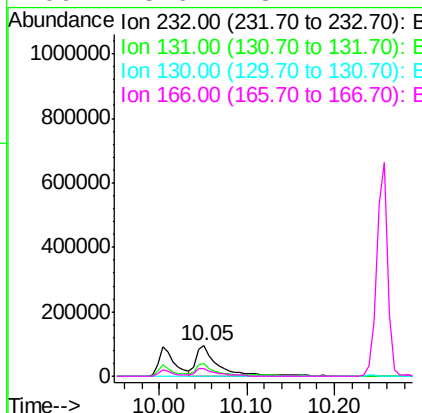
SU-01-041519-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	160054		
131	39.2	26.8	40.2	
130	1.8	1.4	2.2	
166	23.6	18.2	27.2	

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#60

Diethylphthalate

Concen: 1729.205 ng

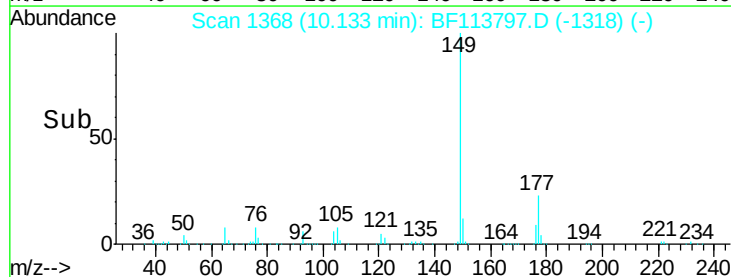
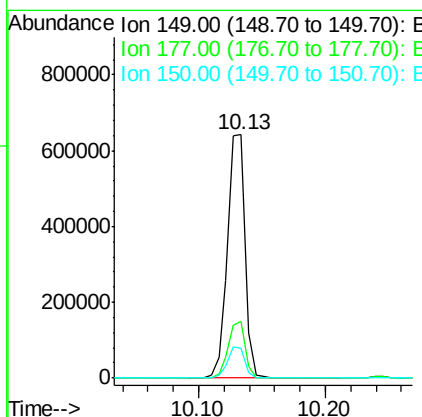
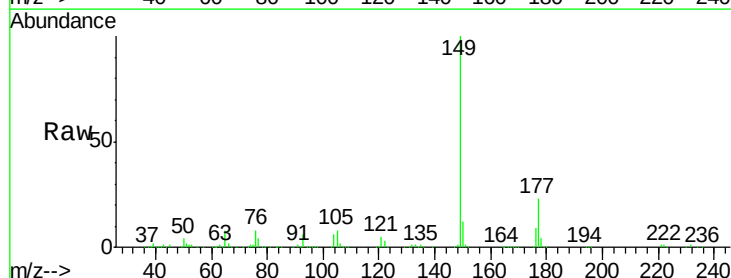
RT: 10.13 min Scan# 1368

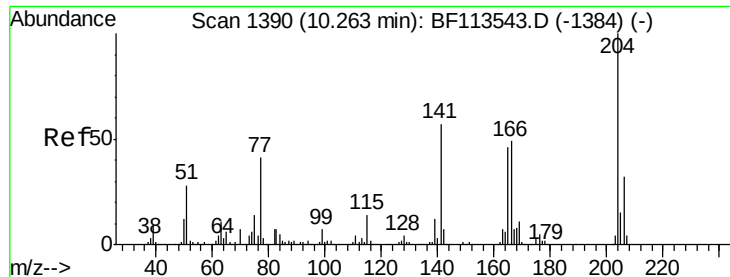
Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	614474		
177	23.4	18.6	27.8	
150	12.5	9.9	14.9	





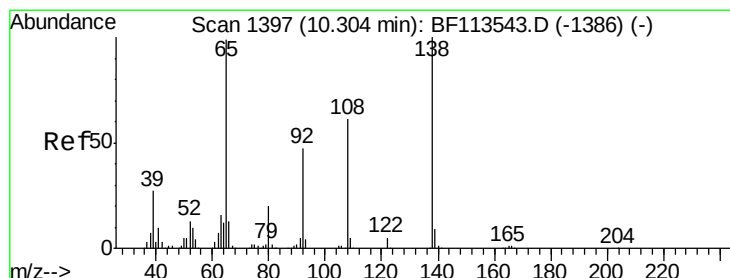
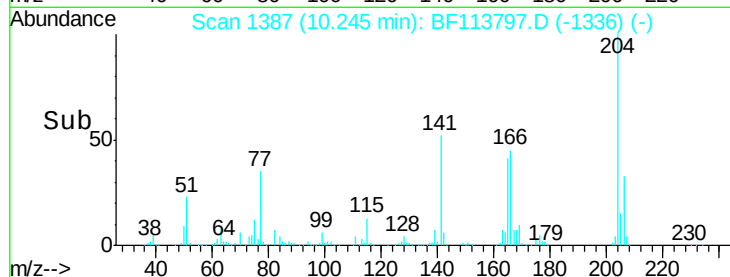
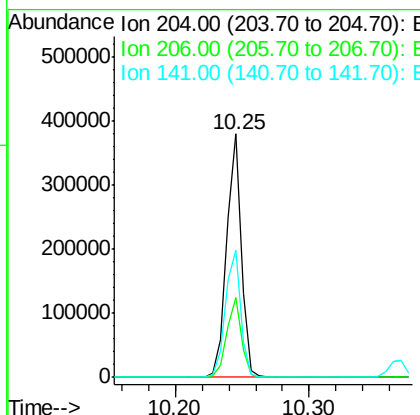
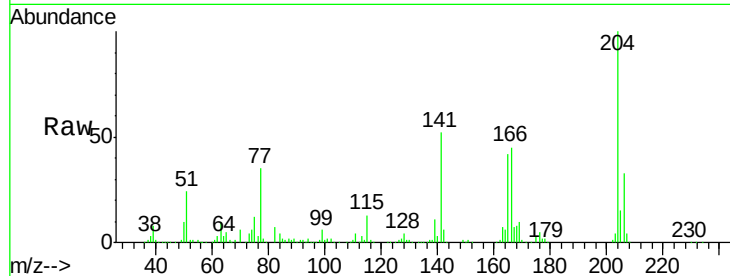
#61
 4-Chlorophenyl-phenylether
 Concen: 1793.353 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	52.4	47.1	70.7

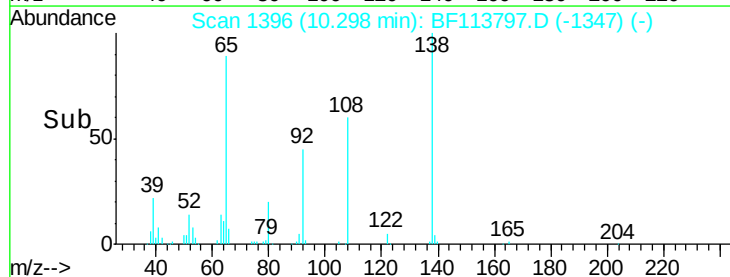
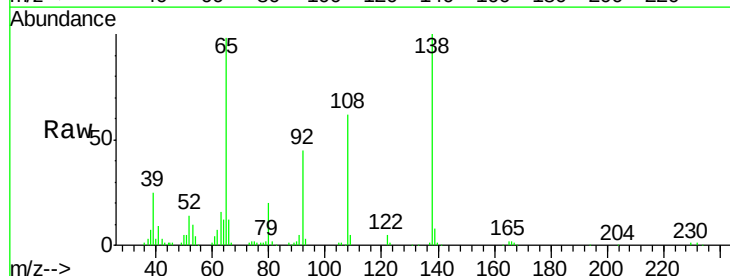
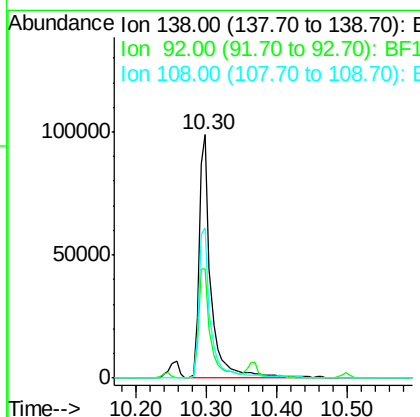
Manual Integrations
 APPROVED

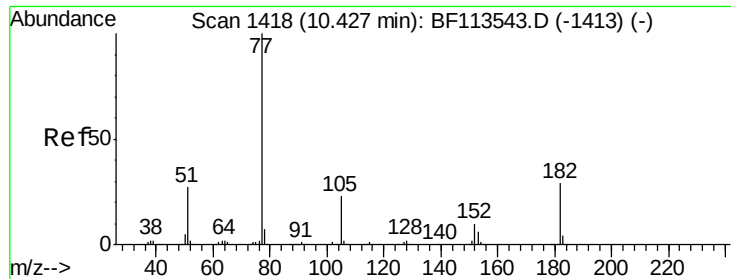
Sohil
 4/17/2019 3:45:38 PM



#62
 4-Nitroaniline
 Concen: 1257.805 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	28.6	68.6
108	61.7	44.0	84.0





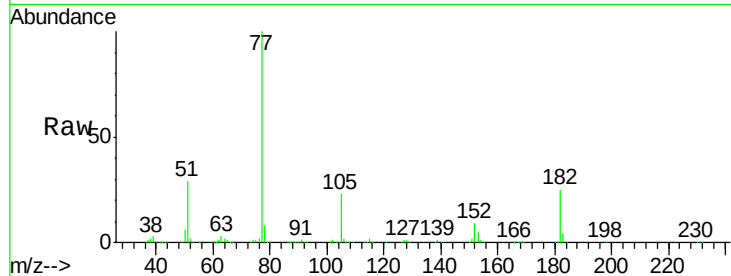
#63
Azobenzene
Concen: 1632.504 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	6.5	46.5
105	22.6	3.1	43.1
51	28.6	9.3	49.3

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM

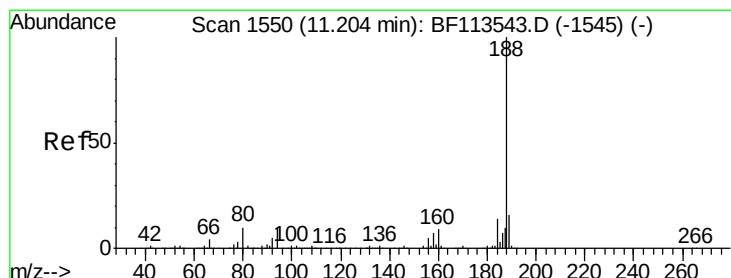
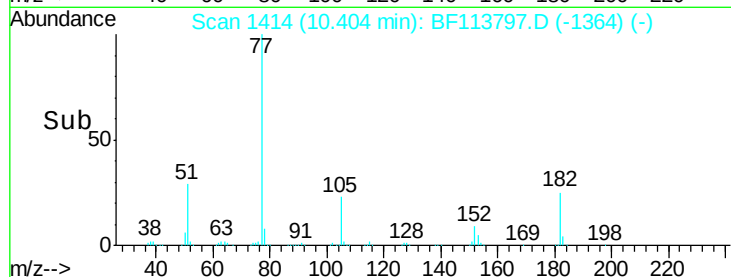
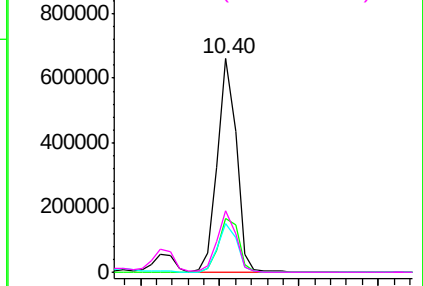


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



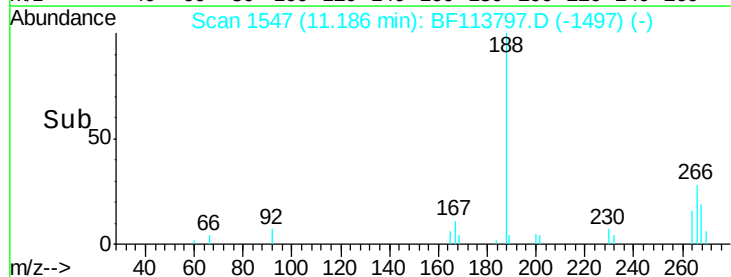
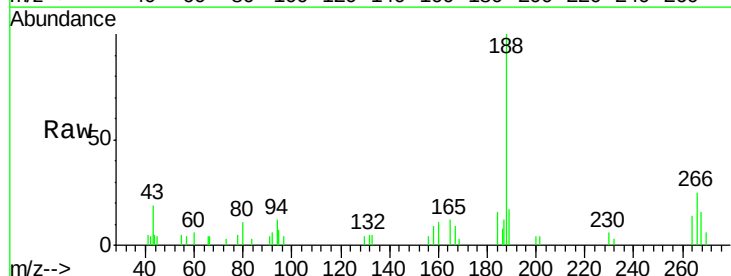
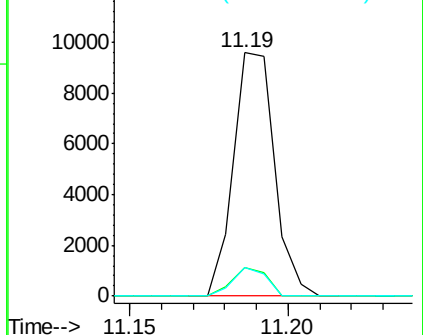
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

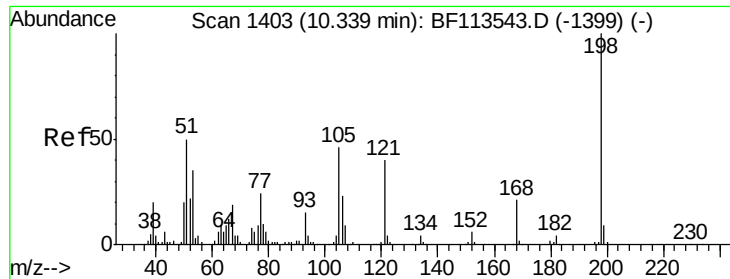
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	7.2	10.8#
80	11.5	7.4	11.2#

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





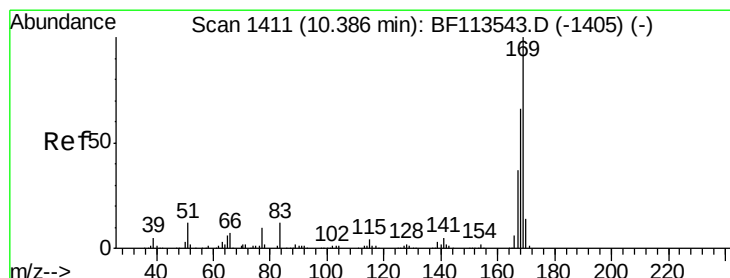
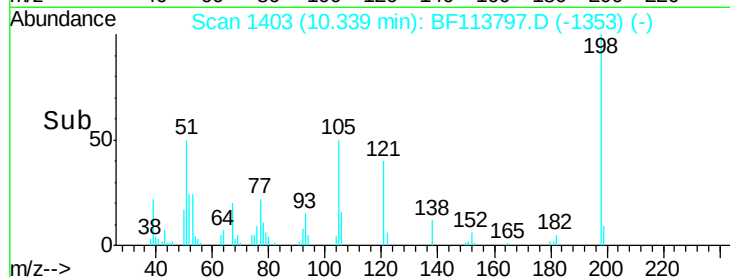
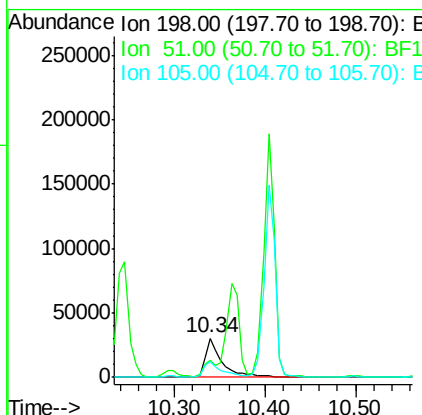
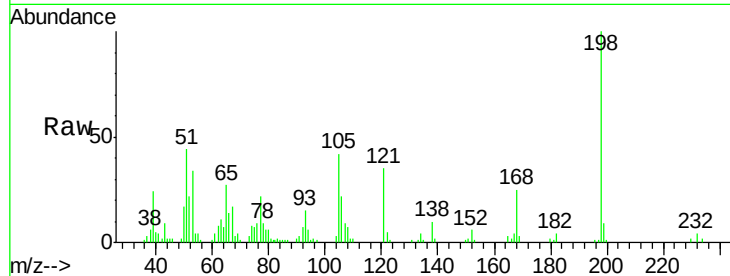
#65
 4,6-Dinitro-2-methylphenol
 Concen: 910.861 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.5	19.0	59.0
105	41.9	18.8	58.8

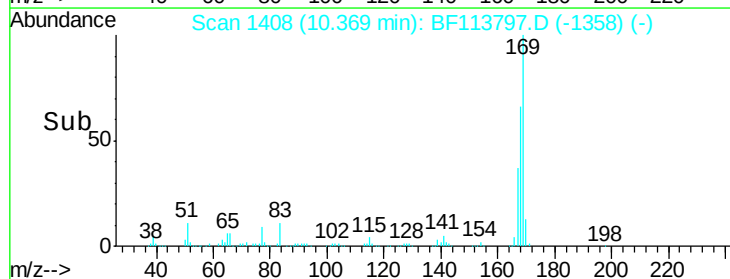
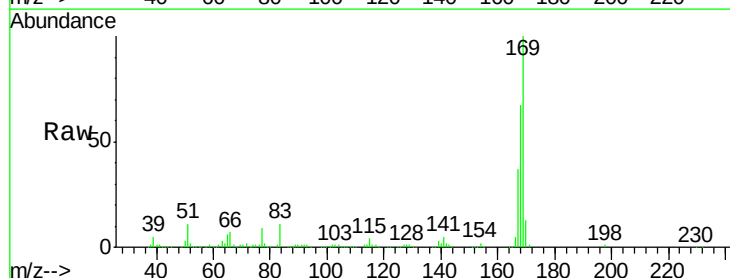
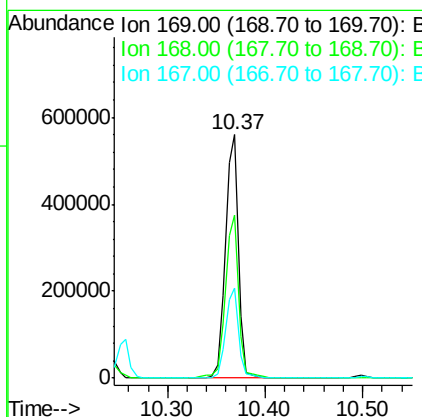
Manual Integrations
 APPROVED

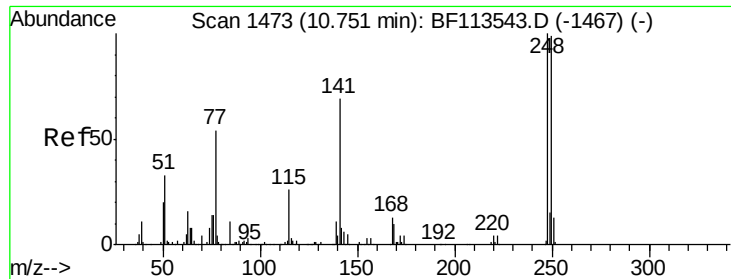
Sohil
 4/17/2019 3:45:38 PM



#66
 n-Nitrosodiphenylamine
 Concen: 1955.371 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.3	79.9
167	36.8	29.2	43.8





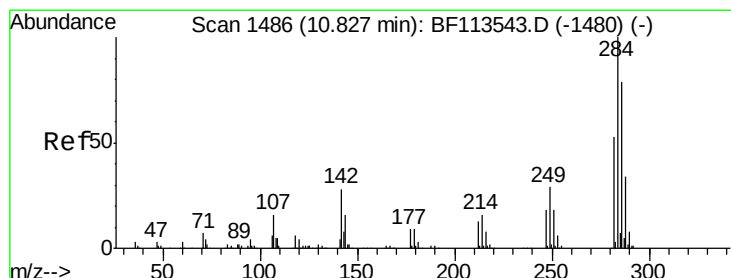
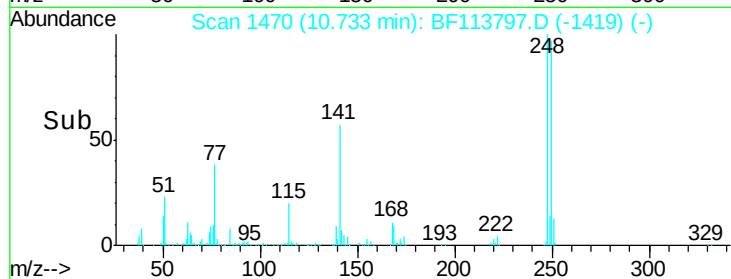
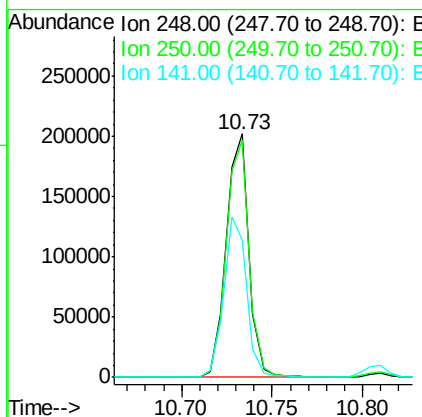
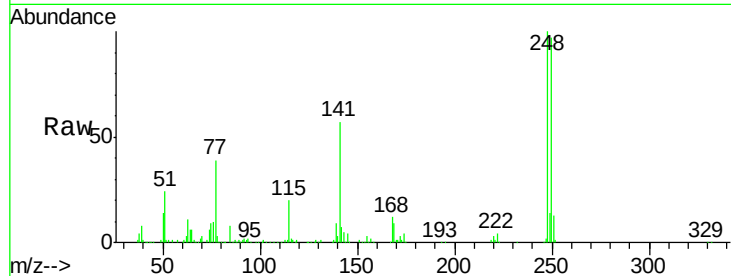
#67
 4-Bromophenyl-phenylether
 Concen: 1844.480 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	56.6	55.3	82.9

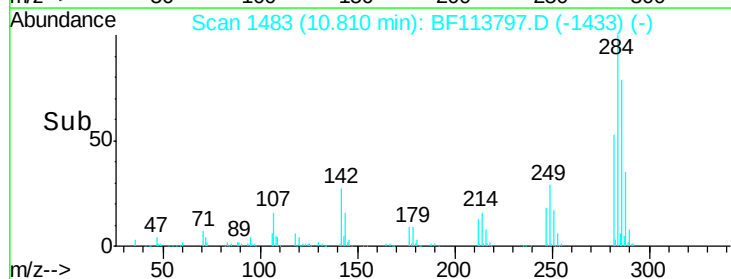
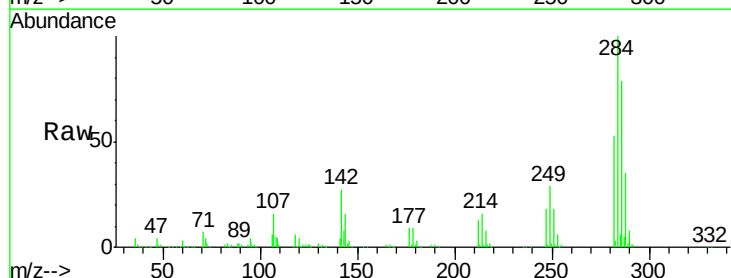
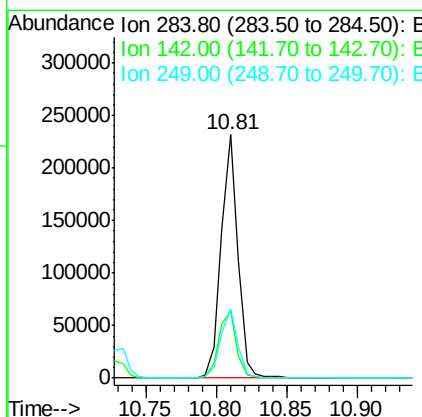
Manual Integrations
 APPROVED

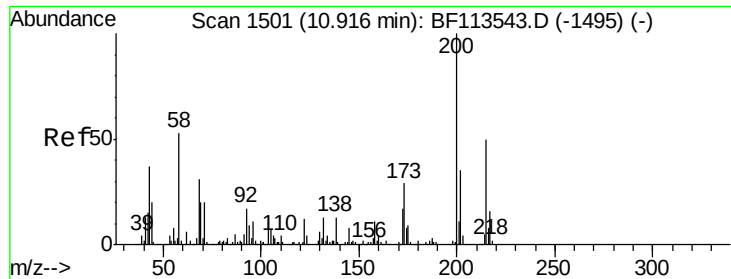
Sohil
 4/17/2019 3:45:38 PM



#68
 Hexachlorobenzene
 Concen: 1744.308 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	20.2	30.4
249	28.8	22.3	33.5





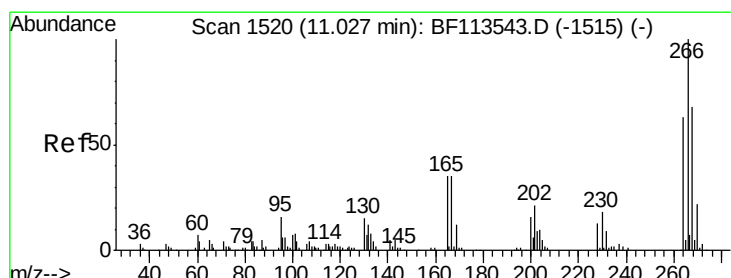
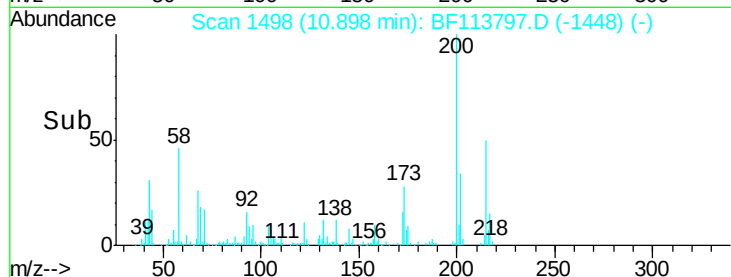
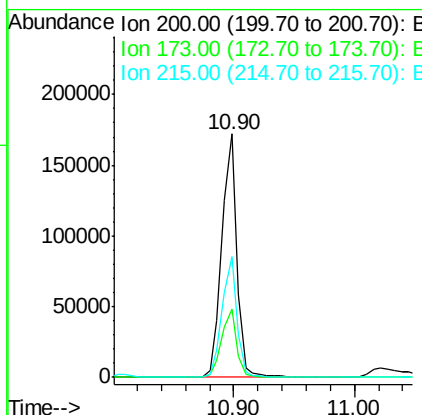
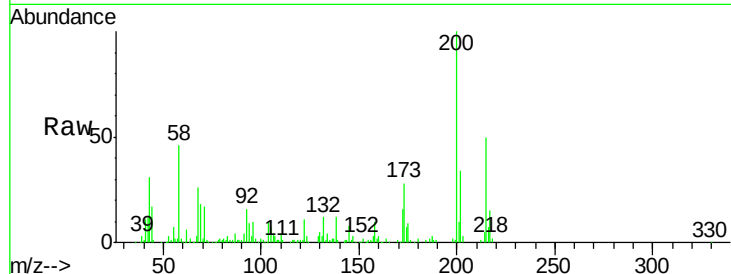
#69
Atrazine
Concen: 1786.412 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	8.4	48.4
215	49.7	28.7	68.7

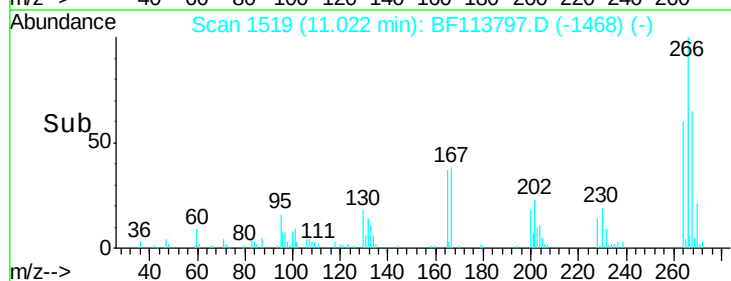
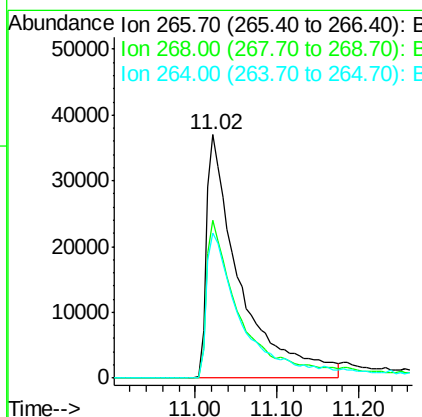
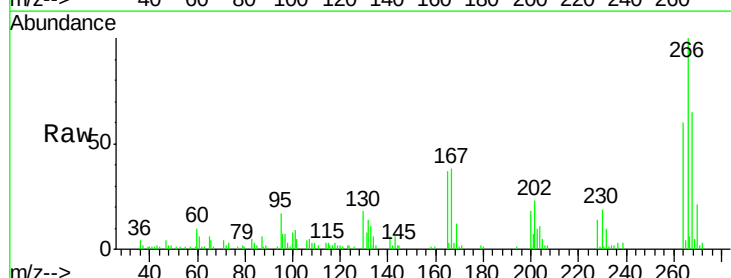
Manual Integrations
APPROVED

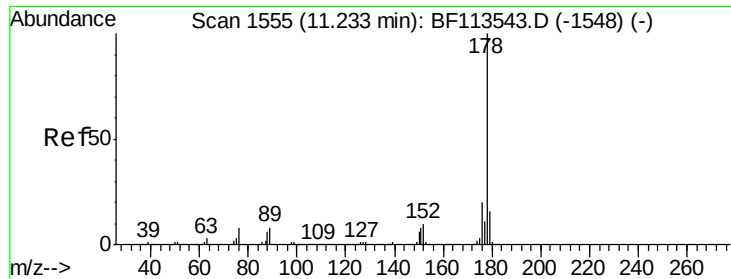
Sohil
4/17/2019 3:45:38 PM



#70
Pentachlorophenol
Concen: 2026.700 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	54.2	81.2
264	59.8	48.6	73.0





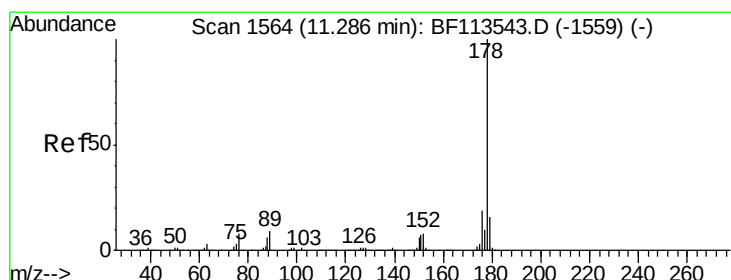
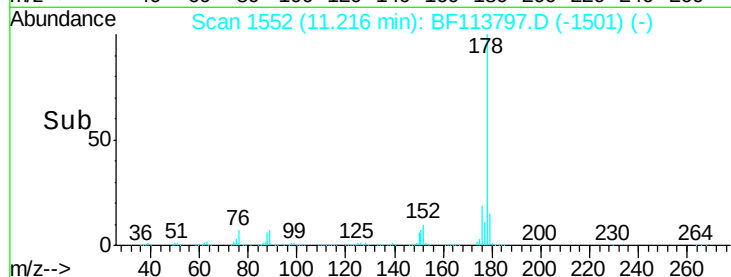
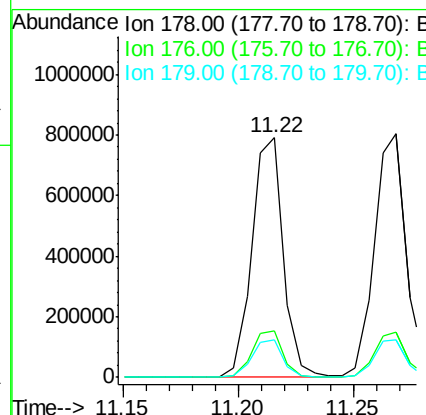
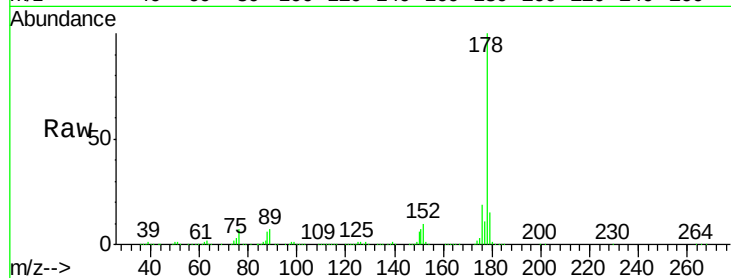
#71
Phenanthrene
Concen: 1772.296 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.5	12.9	19.3

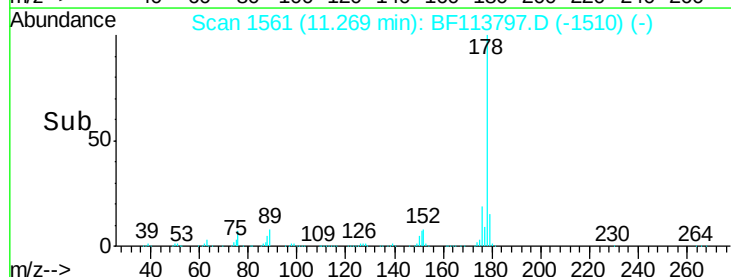
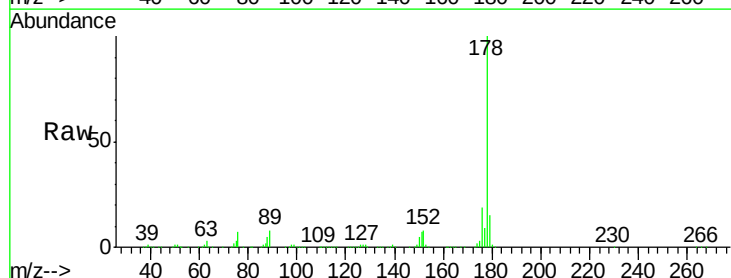
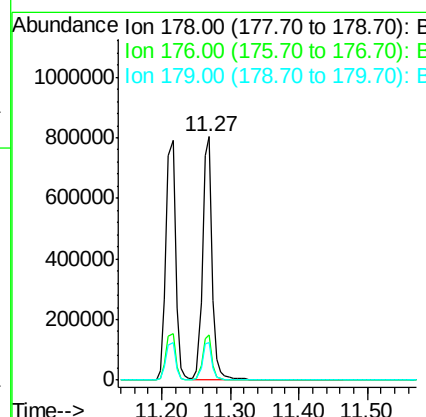
Manual Integrations
APPROVED

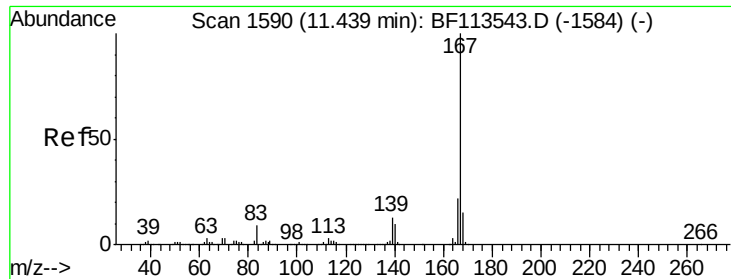
Sohil
4/17/2019 3:45:38 PM



#72
Anthracene
Concen: 1839.349 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.3	12.7	19.1





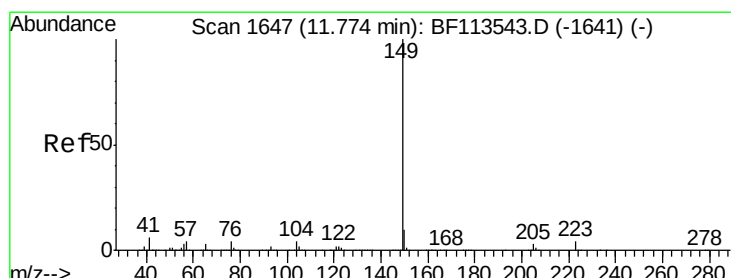
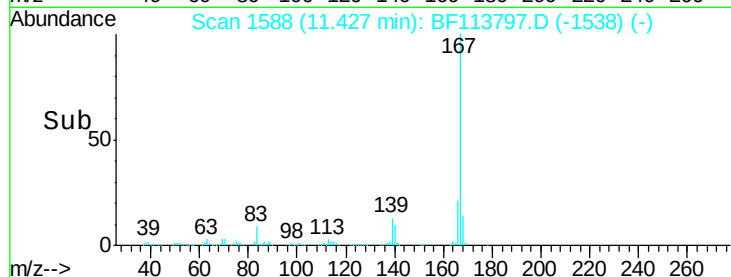
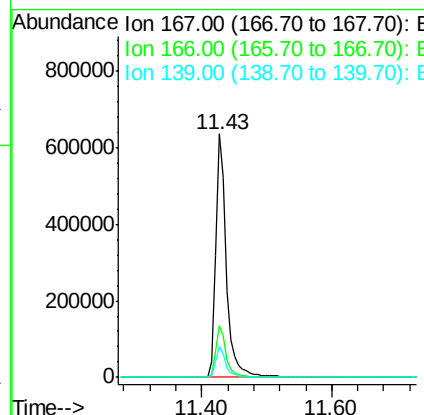
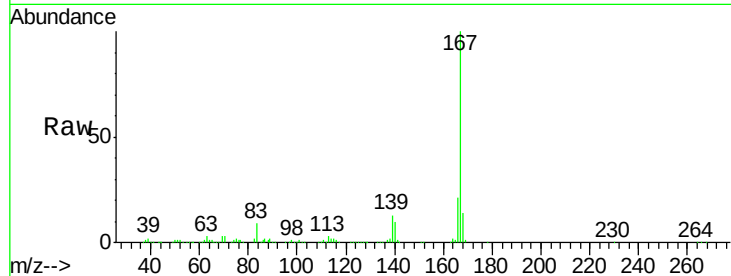
#73
 Carbazole
 Concen: 1765.817 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	714561		
166	21.2	17.6	26.4	
139	12.7	10.1	15.1	

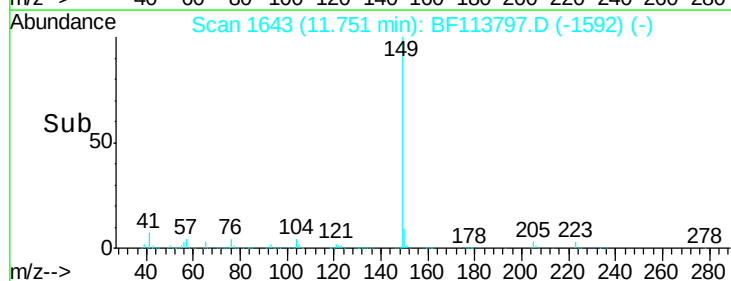
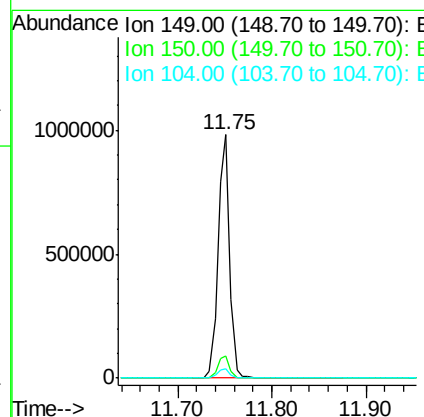
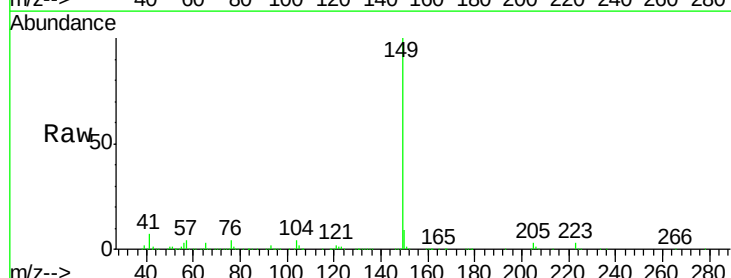
Manual Integrations
 APPROVED

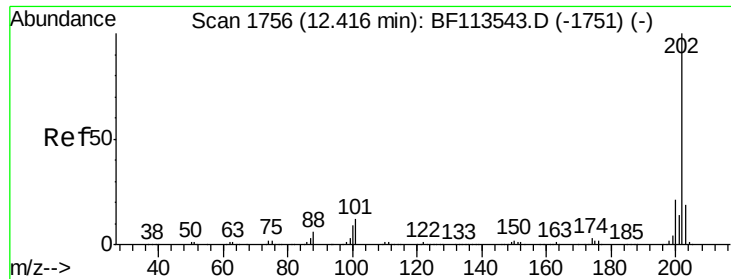
Sohil
 4/17/2019 3:45:38 PM



#74
 Di-n-butylphthalate
 Concen: 1776.580 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	855210		
150	9.1	7.8	11.6	
104	4.1	3.6	5.4	





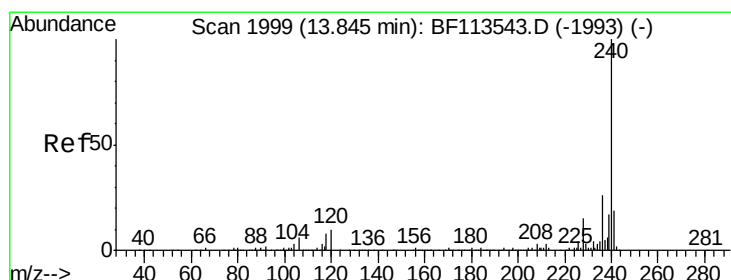
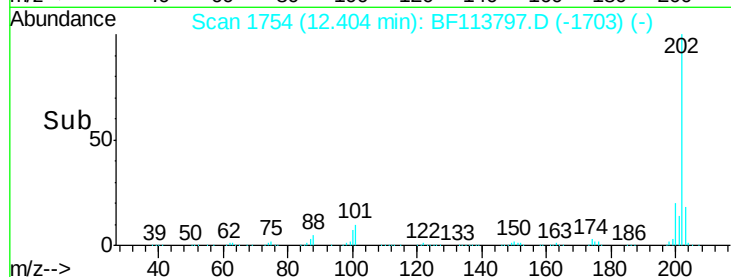
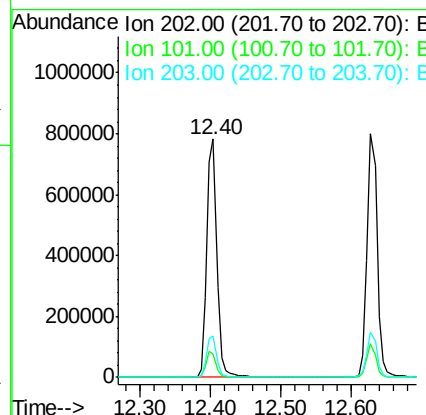
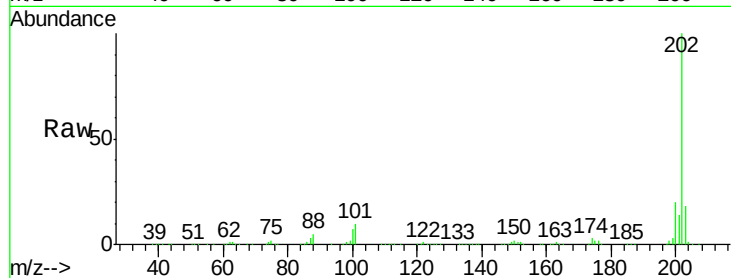
#75
 Fluoranthene
 Concen: 1719.745 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	0.0	31.8
203	17.6	0.0	38.2

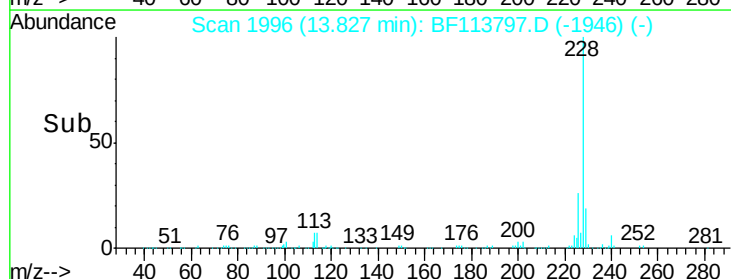
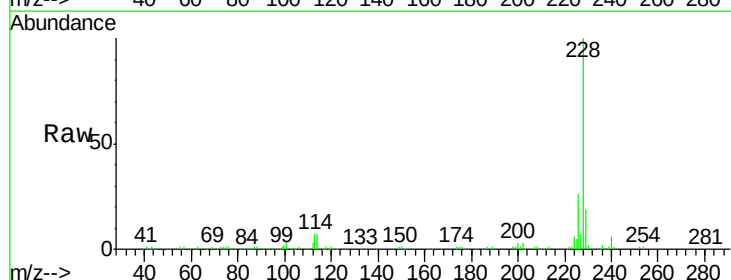
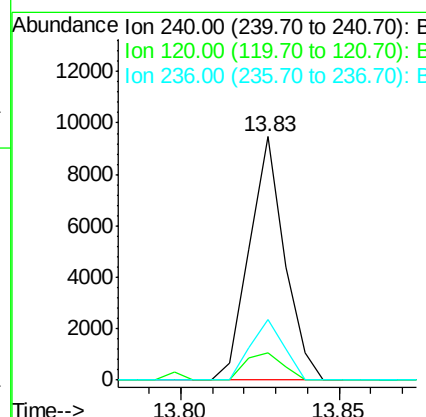
Manual Integrations
 APPROVED

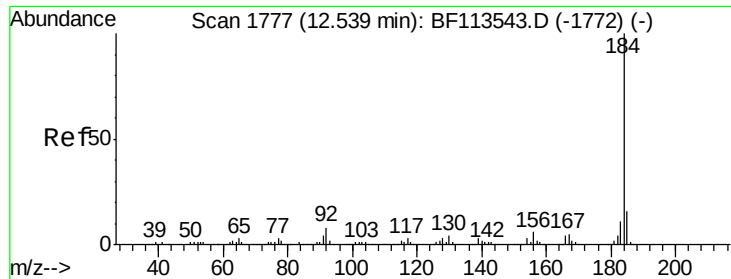
Sohil
 4/17/2019 3:45:38 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.9	8.5	12.7#
236	25.1	21.0	31.6





#77

Benzidine

Concen: 498.110 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

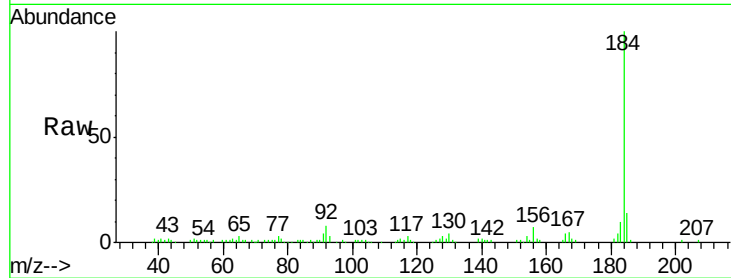
ClientSampleId :

SU-01-041519-AMS

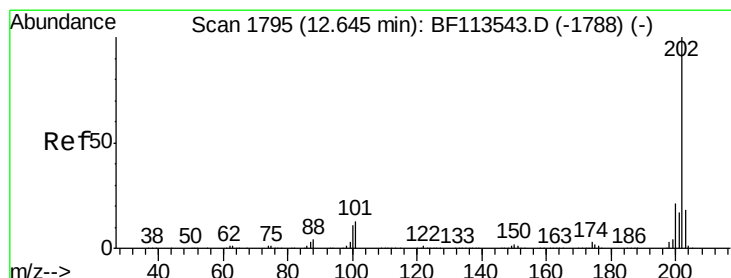
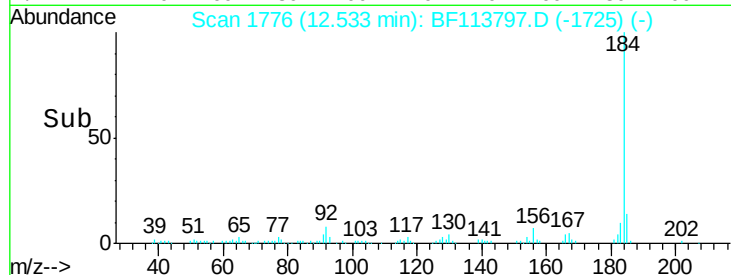
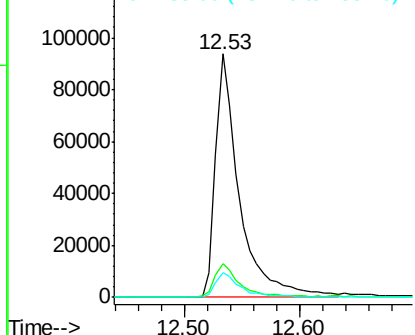
Tgt Ion:	184	Resp:	135515
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.3	18.5
183	10.2	8.8	13.2

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



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



#78

Pyrene

Concen: 1434.157 ng

RT: 12.63 min Scan# 1792

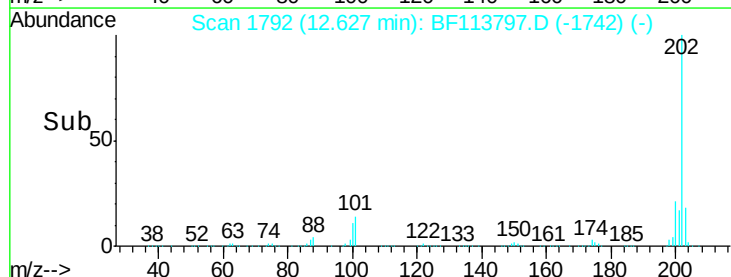
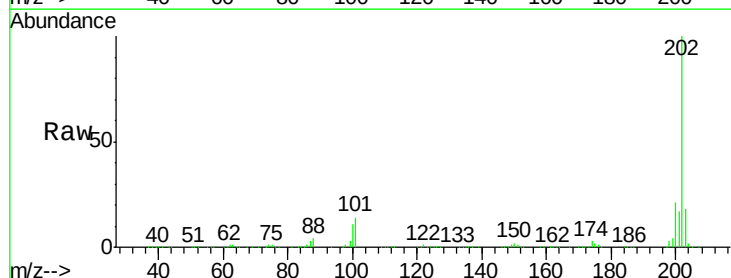
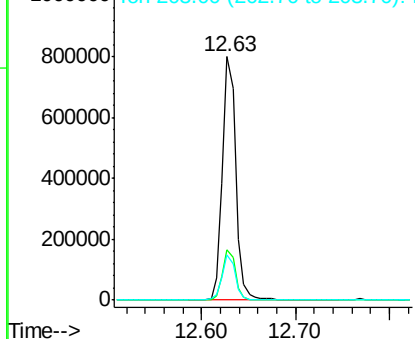
Delta R.T. -0.01 min

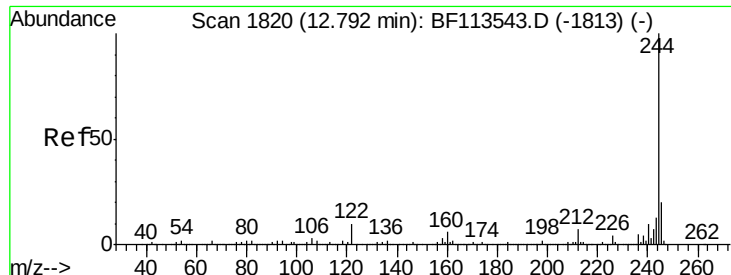
Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	202	Resp:	798347
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.1	25.7
203	18.4	14.7	22.1

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





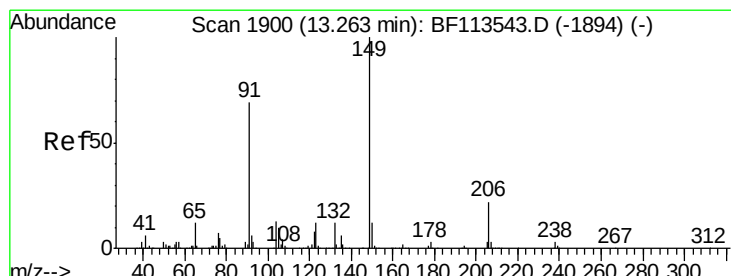
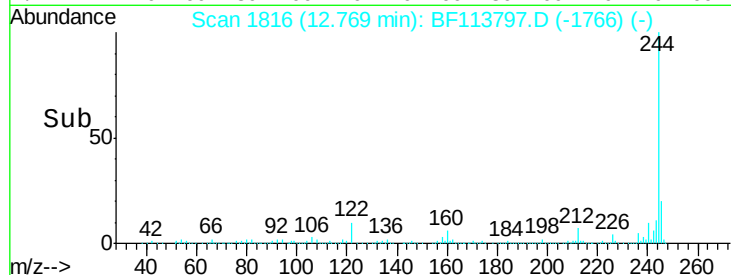
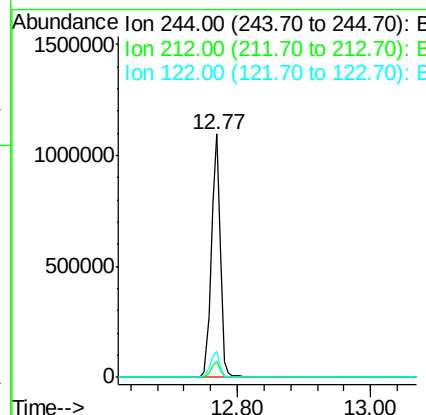
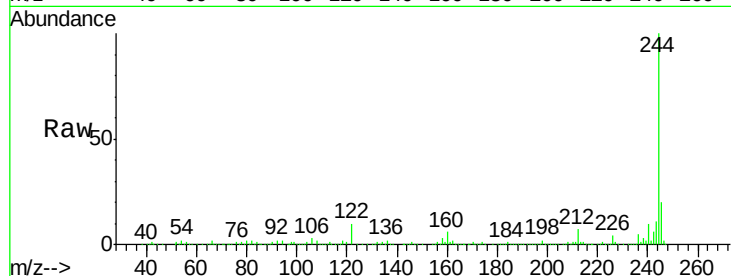
#79
 Terphenyl-d14
 Concen: 2834.091 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-AMS

Tgt Ion: 244 Resp: 1018372
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.4 9.0 13.6

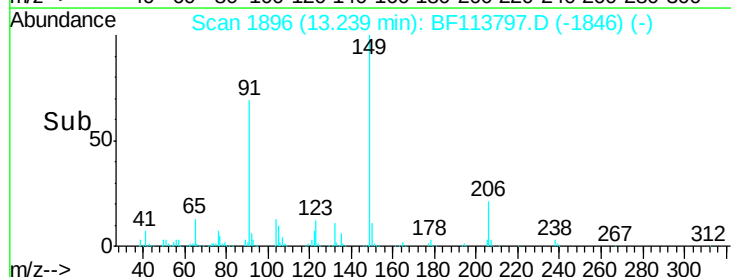
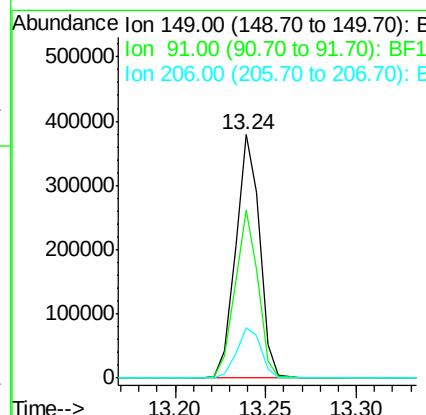
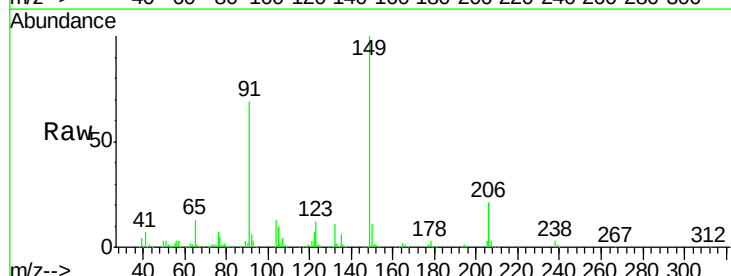
Manual Integrations
 APPROVED

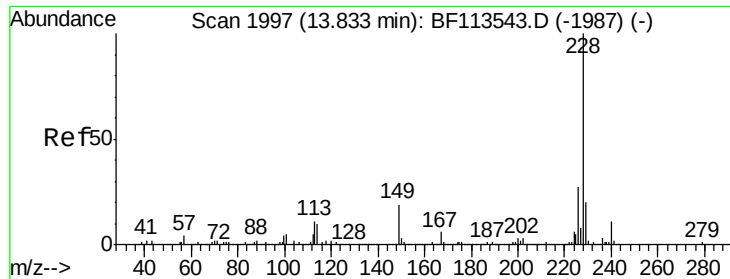
Sohil
 4/17/2019 3:45:38 PM



#80
 Butylbenzylphthalate
 Concen: 1532.044 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BF113797.D
 Acq: 16 Apr 2019 16:55

Tgt Ion: 149 Resp: 347156
 Ion Ratio Lower Upper
 149 100
 91 69.0 51.8 77.6
 206 20.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 1783.864 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

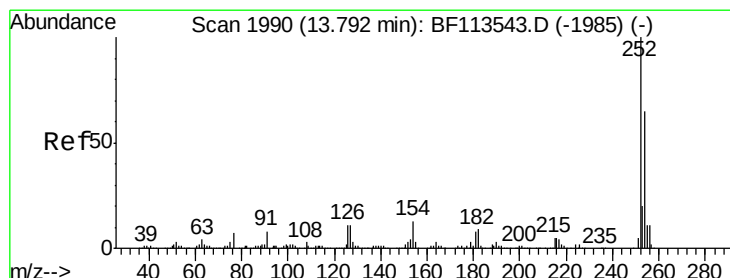
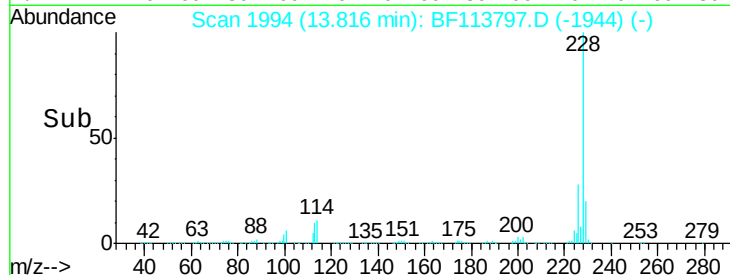
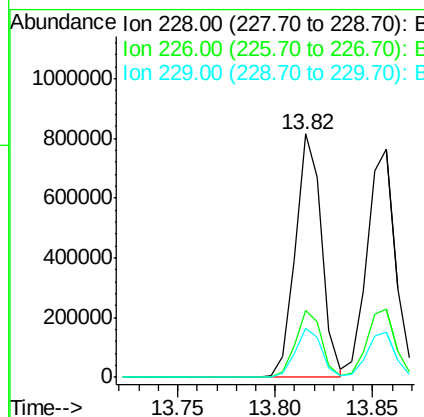
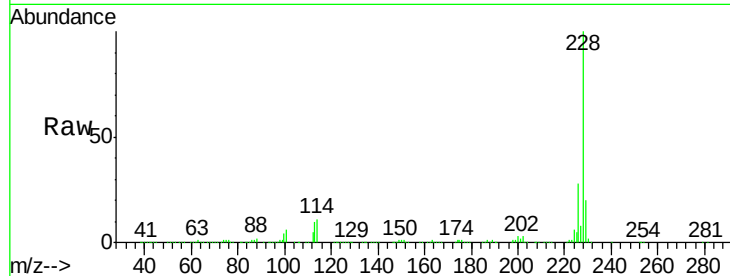
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	228	Resp:	752838
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.1	33.1
229	20.1	16.4	24.6

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#82

3,3'-Dichlorobenzidine

Concen: 562.945 ng

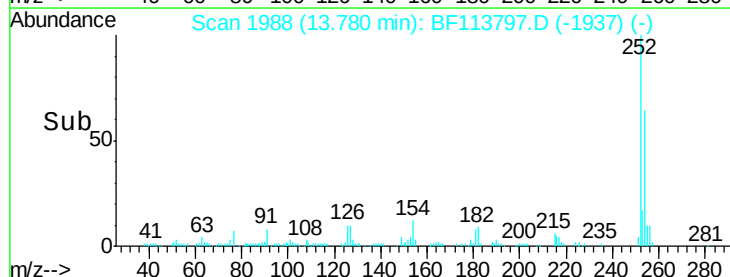
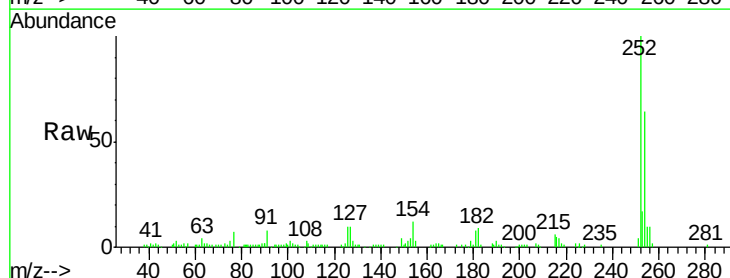
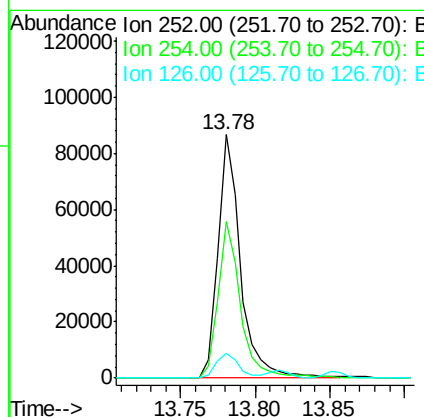
RT: 13.78 min Scan# 1988

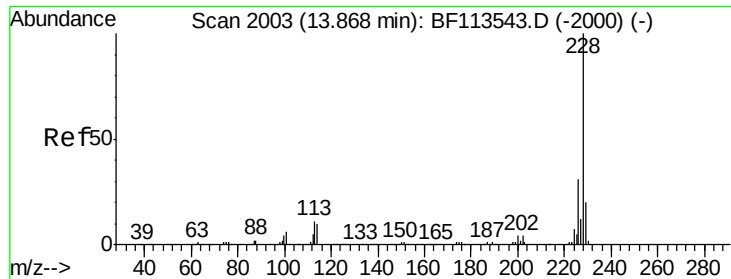
Delta R.T. 0.00 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	252	Resp:	91507
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.2	76.8
126	10.3	8.7	13.1





#83

Chrysene

Concen: 1839.446 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Instrument :

BNA_F

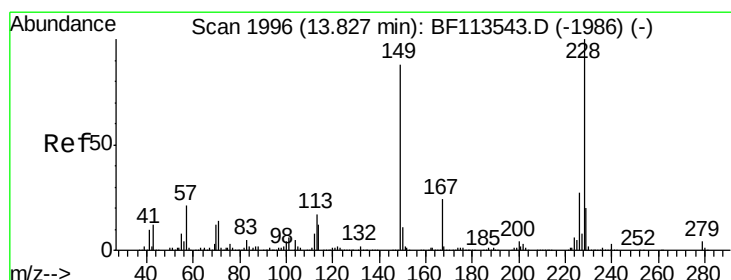
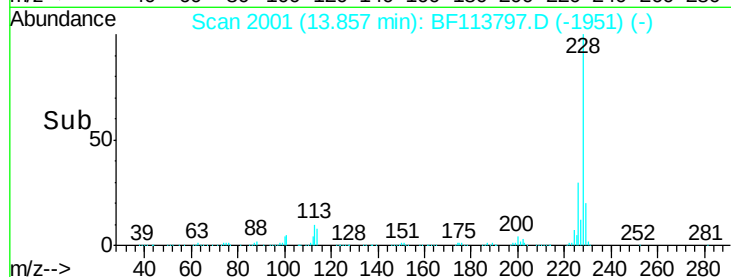
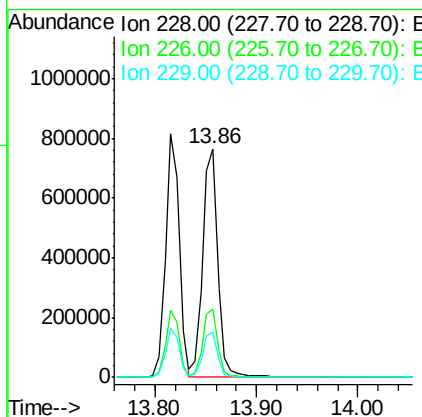
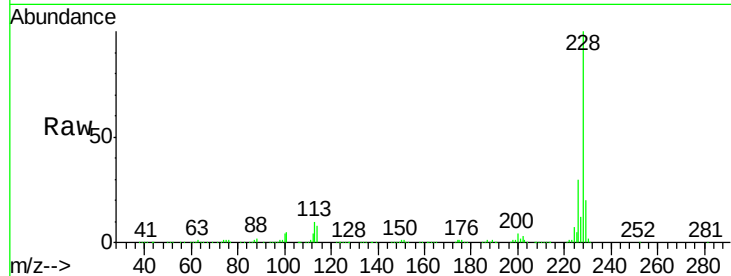
ClientSampleId :

SU-01-041519-AMS

Tgt Ion:	228	Resp:	786944
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	19.5	16.2	24.2

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 1754.490 ng

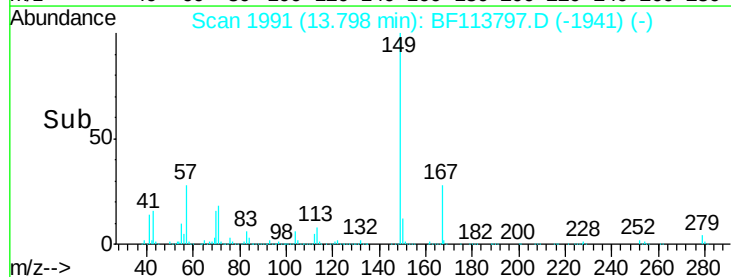
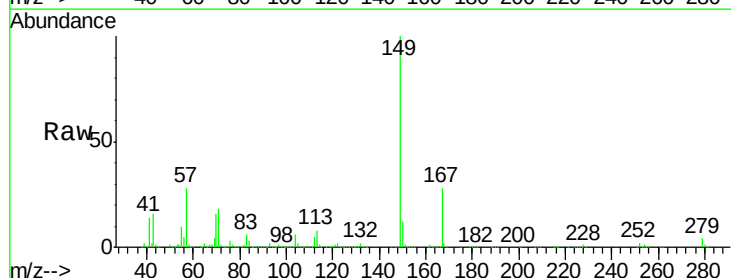
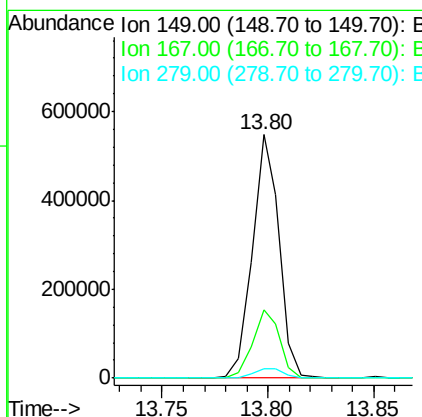
RT: 13.80 min Scan# 1991

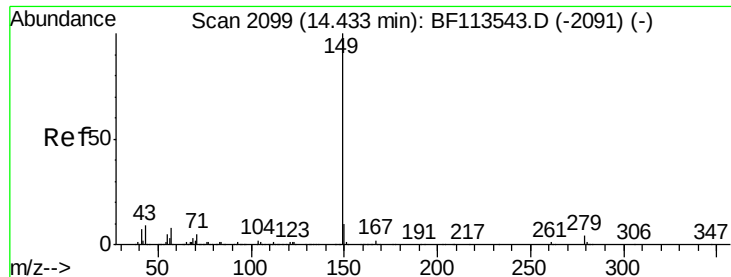
Delta R.T. -0.01 min

Lab File: BF113797.D

Acq: 16 Apr 2019 16:55

Tgt Ion:	149	Resp:	480673
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.6	34.0
279	4.0	3.7	5.5





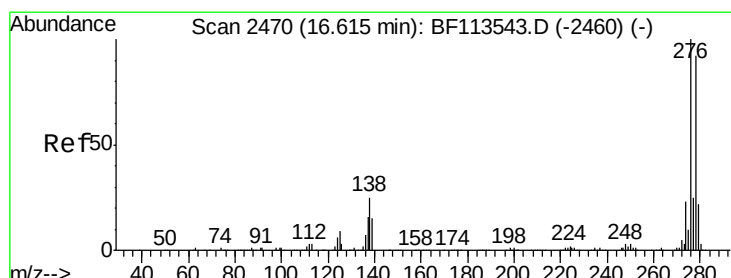
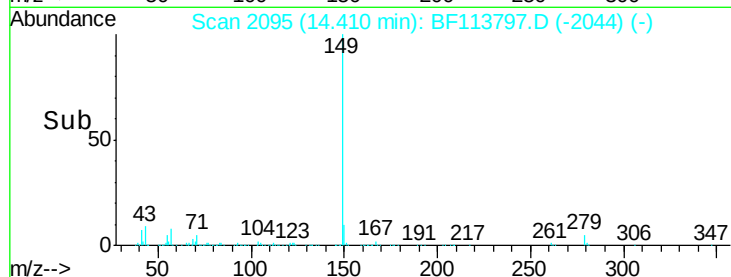
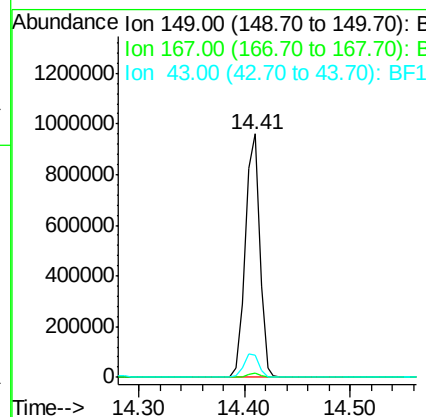
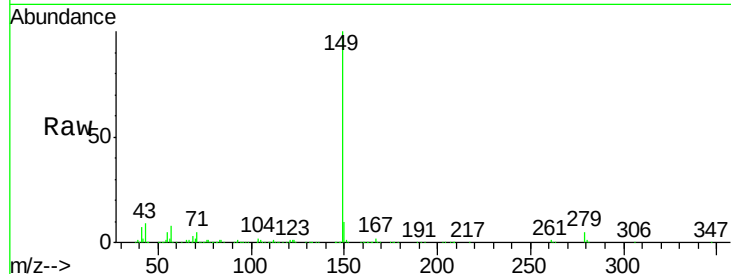
#85
Di-n-octyl phthalate
Concen: 2008.100 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.8	11.8

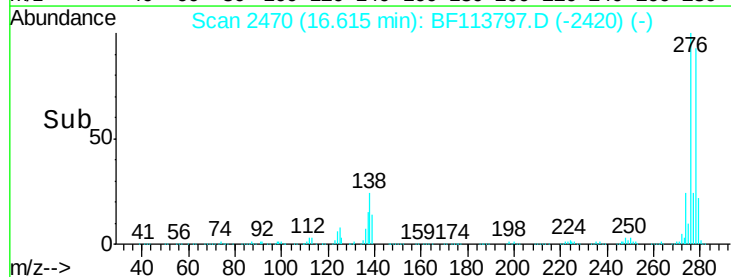
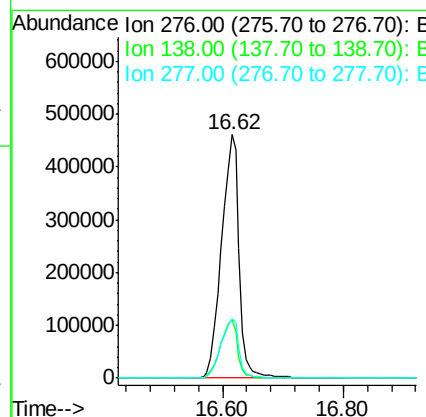
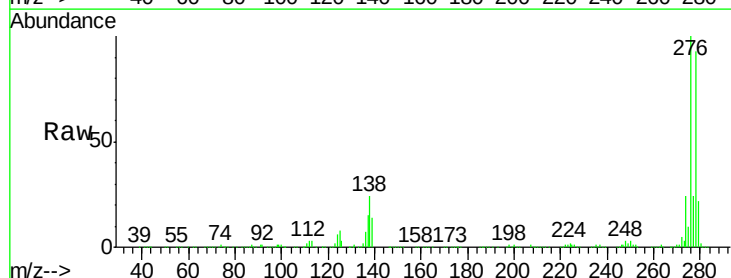
Manual Integrations
APPROVED

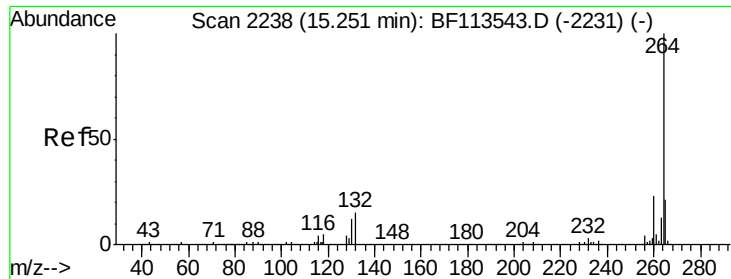
Sohil
4/17/2019 3:45:38 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2348.708 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.4	27.6
277	24.8	20.1	30.1





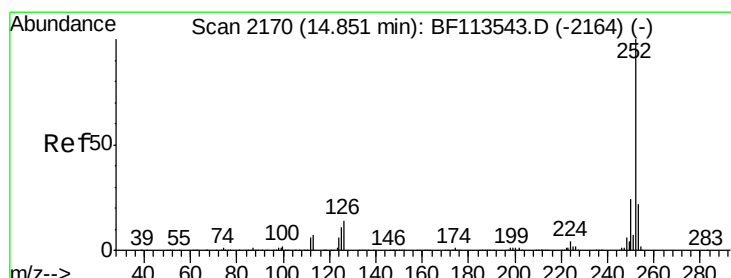
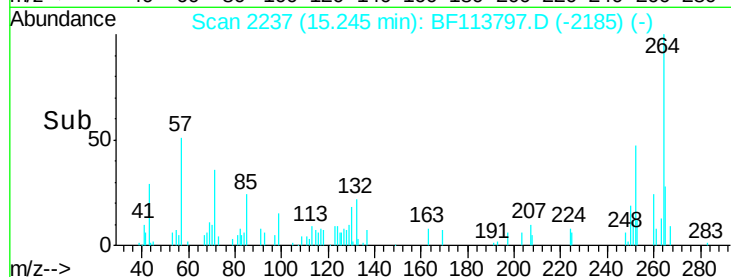
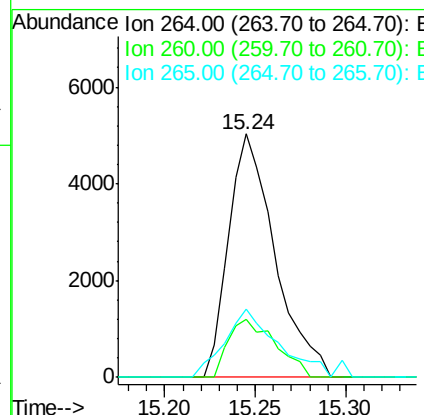
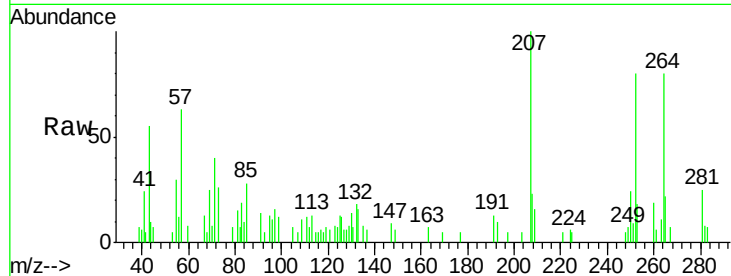
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	8941		
260	24.0	19.0	28.6	
265	28.0	17.4	26.0	

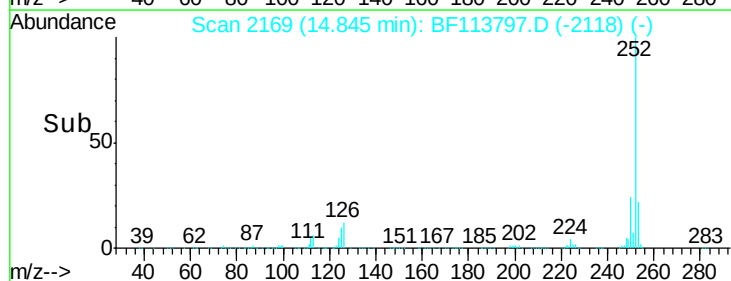
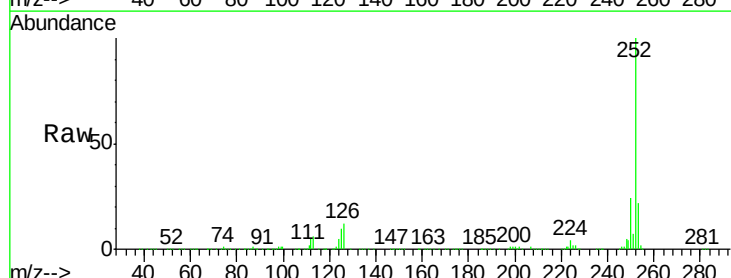
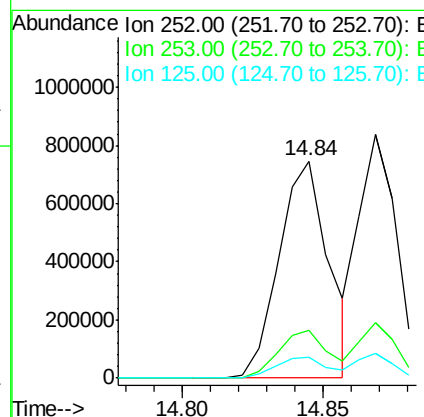
Manual Integrations
APPROVED

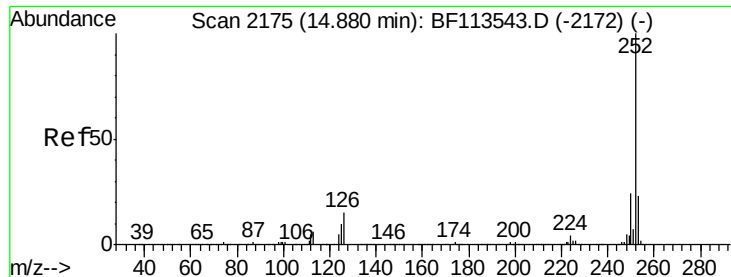
Sohil
4/17/2019 3:45:38 PM



#88
Benzo(b)fluoranthene
Concen: 1660.813 ng
RT: 14.84 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	908963		
253	22.1	18.1	27.1	
125	9.7	8.3	12.5	





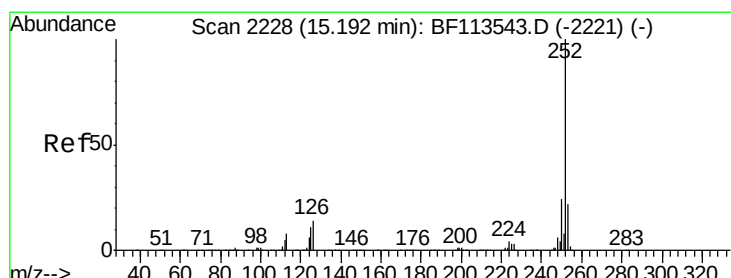
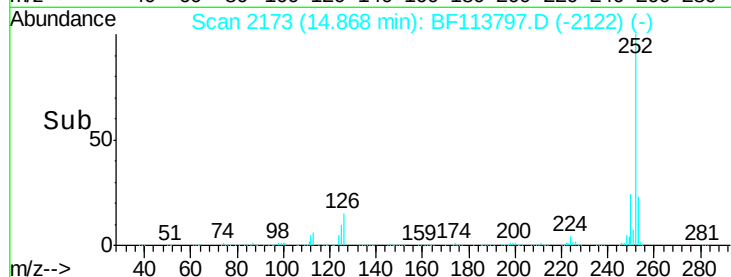
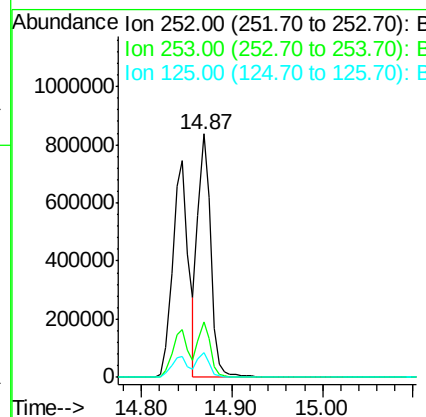
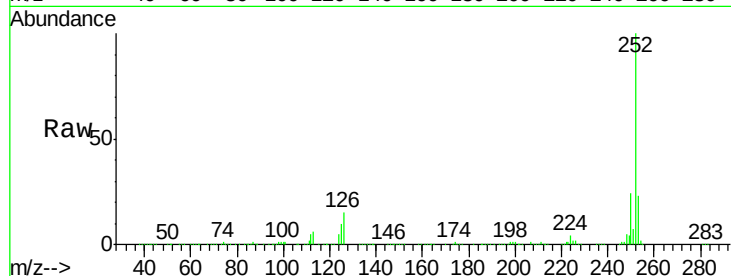
#89
Benzo(k)fluoranthene
Concen: 1650.070 ng
RT: 14.87 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.9	8.7	13.1

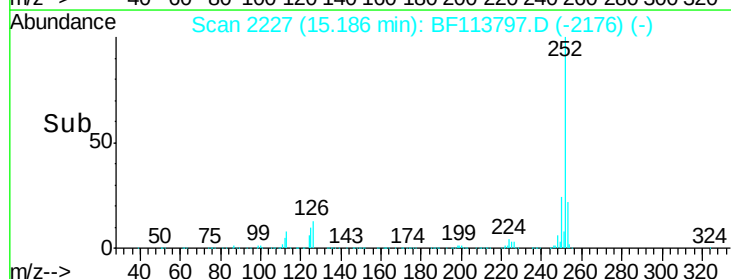
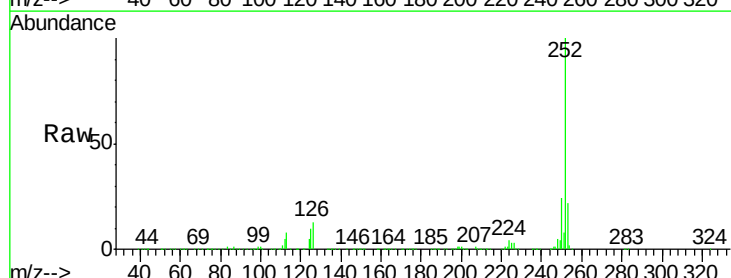
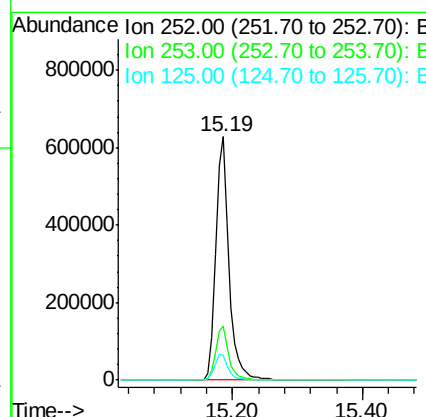
Manual Integrations
APPROVED

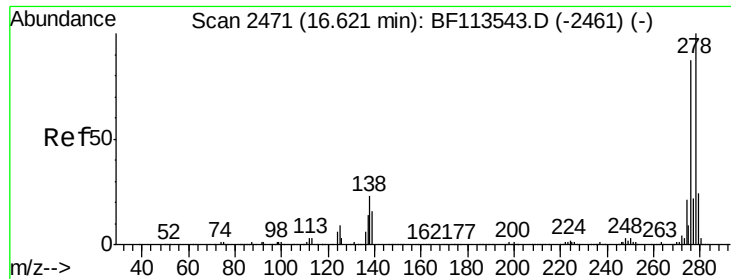
Sohil
4/17/2019 3:45:38 PM



#90
Benzo(a)pyrene
Concen: 1802.362 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.1	8.5	12.7





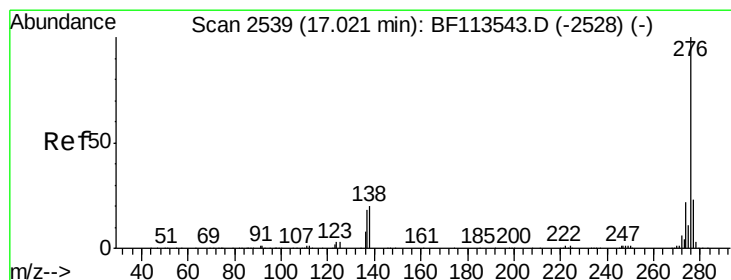
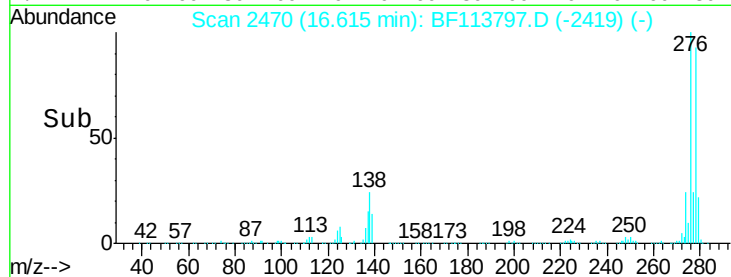
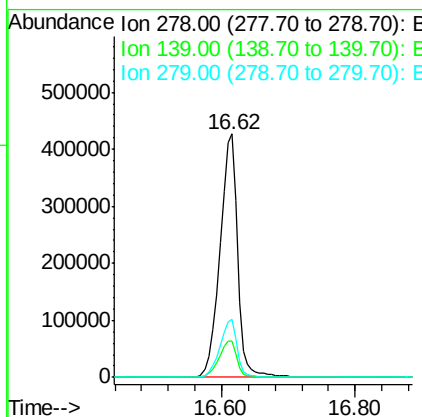
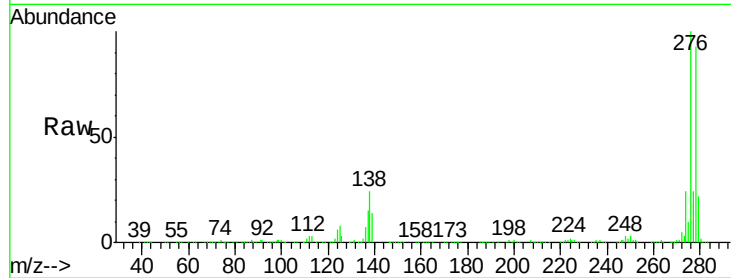
#91
Dibenzo(a,h)anthracene
Concen: 1763.079 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	801835		
139	14.7	12.6	19.0	
279	23.6	18.8	28.2	

Manual Integrations
APPROVED

Sohil
4/17/2019 3:45:38 PM



#92
Benzo(g,h,i)perylene
Concen: 1632.879 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113797.D
Acq: 16 Apr 2019 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	757985		
277	23.4	19.2	28.8	
138	19.3	16.0	24.0	

