

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111828.D
 Acq On : 3 Jan 2019 18:33
 Operator : JU/SJ
 Sample : K1017-17MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:41 AM

Quant Time: Jan 04 03:01:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	283897	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1070053	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	498614	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	603755	20.00	ng	0.01
76) Chrysene-d12	14.07	240	541377	20.00	ng	0.02
87) Perylene-d12	15.56	264	441140	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1820608	109.31	ng	0.03
7) Phenol-d6	6.55	99	2408949	113.65	ng	0.03
23) Nitrobenzene-d5	7.47	82	1525422	82.98	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	506004	85.89	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	2595660	75.88	ng	0.00
79) Terphenyl-d14	13.01	244	1856451	65.03	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	224303	28.624	ng	97
3) Pyridine	3.50	79	660619	32.359	ng	97
4) n-Nitrosodimethylamine	3.44	42	375804	37.613	ng	90
6) Aniline	6.57	93	465268	17.220	ng	# 1
8) 2-Chlorophenol	6.70	128	712844	38.637	ng	98
9) Benzaldehyde	6.45	77	309793	21.251	ng	95
10) Phenol	6.57	94	909026	38.009	ng	92
11) bis(2-Chloroethyl)ether	6.64	93	686883	38.327	ng	98
12) 1,3-Dichlorobenzene	6.85	146	774884	36.241	ng	99
13) 1,4-Dichlorobenzene	6.92	146	782954	36.107	ng	97
14) 1,2-Dichlorobenzene	7.07	146	737303	36.444	ng	97
15) Benzyl Alcohol	7.05	79	640944	38.074	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1148081	34.783	ng	73
17) 2-Methylphenol	7.16	107	581333	39.350	ng	# 92
18) Hexachloroethane	7.42	117	263087	36.004	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	509819	36.217	ng	99
20) 3+4-Methylphenols	7.32	107	721449	38.648	ng	# 85
22) Acetophenone	7.31	105	955906	35.262	ng	# 91
24) Nitrobenzene	7.49	77	759296	39.408	ng	97
25) Isophorone	7.72	82	1365455	41.839	ng	98
26) 2-Nitrophenol	7.80	139	381094	48.769	ng	95
27) 2,4-Dimethylphenol	7.85	122	644019	41.809	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	878560	40.454	ng	99
29) 2,4-Dichlorophenol	8.05	162	655145	39.542	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	676014	36.614	ng	97
31) Naphthalene	8.21	128	2022300	39.333	ng	98
32) Benzoic acid	7.93	122	119772	11.760	ng	92
33) 4-Chloroaniline	8.25	127	211597	9.522	ng	98
34) Hexachlorobutadiene	8.33	225	404235	35.924	ng	98
35) Caprolactam	8.62	113	202871m	36.135	ng	
36) 4-Chloro-3-methylphenol	8.75	107	626675	38.478	ng	96
37) 2-Methylnaphthalene	8.90	142	1372738	41.038	ng	99
38) 1-Methylnaphthalene	9.00	142	1284678	39.988	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	658955	40.219	ng	# 97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111828.D
 Acq On : 3 Jan 2019 18:33
 Operator : JU/SJ
 Sample : K1017-17MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:41 AM

Quant Time: Jan 04 03:01:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	395722	49.772	ng	99
43) 2,4,6-Trichlorophenol	9.18	196	458349	41.900	ng	99
44) 2,4,5-Trichlorophenol	9.23	196	469531	41.839	ng	92
46) 1,1'-Biphenyl	9.36	154	1633217	38.802	ng	97
47) 2-Chloronaphthalene	9.39	162	1271258	38.121	ng	94
48) 2-Nitroaniline	9.48	65	407989	47.028	ng	98
49) Acenaphthylene	9.80	152	1946784	39.983	ng	96
50) Dimethylphthalate	9.66	163	1835364	50.336	ng	98
51) 2,6-Dinitrotoluene	9.72	165	340541	46.839	ng	92
52) Acenaphthene	9.98	154	1148273	38.237	ng	98
53) 3-Nitroaniline	9.89	138	217270	28.020	ng	93
54) 2,4-Dinitrophenol	10.00	184	112383	51.073	ng	# 80
55) Dibenzofuran	10.15	168	1716397	37.832	ng	94
56) 4-Nitrophenol	10.07	139	448031	75.713	ng	97
57) 2,4-Dinitrotoluene	10.13	165	427608	48.935	ng	# 95
58) Fluorene	10.49	166	976710	29.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	348454	36.896	ng	# 87
60) Diethylphthalate	10.36	149	1343096	37.551	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	501844	27.784	ng	95
62) 4-Nitroaniline	10.50	138	205172	27.225	ng	88
63) Azobenzene	10.64	77	946042	26.347	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	77467	33.410	ng	91
66) n-Nitrosodiphenylamine	10.60	169	879514	43.397	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	311726	41.627	ng	96
68) Hexachlorobenzene	11.05	284	324251	38.835	ng	94
69) Atrazine	11.13	200	293913	41.744	ng	96
70) Pentachlorophenol	11.24	266	301878	58.483	ng	98
71) Phenanthrene	11.46	178	1278854	39.940	ng	94
72) Anthracene	11.50	178	1295908	40.322	ng	96
73) Carbazole	11.66	167	1083531	34.725	ng	95
74) Di-n-butylphthalate	11.98	149	1482904	42.387	ng	97
75) Fluoranthene	12.64	202	1324572	40.851	ng	97
77) Benzidine	12.75	184	588478	28.887	ng	97
78) Pyrene	12.87	202	1275405	33.361	ng	96
80) Butylbenzylphthalate	13.48	149	597561	38.345	ng	89
81) Benzo(a)anthracene	14.06	228	1281145	41.466	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	426644	34.950	ng	# 98
83) Chrysene	14.10	228	1213650	39.967	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	903683	46.037	ng	# 99
85) Di-n-octyl phthalate	14.66	149	1455173	47.847	ng	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	808447	31.318	ng	# 89
88) Benzo(b)fluoranthene	15.12	252	1116696	43.313	ng	# 96
89) Benzo(k)fluoranthene	15.15	252	1047169	42.663	ng	# 96
90) Benzo(a)pyrene	15.49	252	968203	41.335	ng	# 95
91) Dibenzo(a,h)anthracene	17.07	278	692327	33.754	ng	# 89
92) Benzo(g,h,i)perylene	17.51	276	639594	31.934	ng	# 89

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

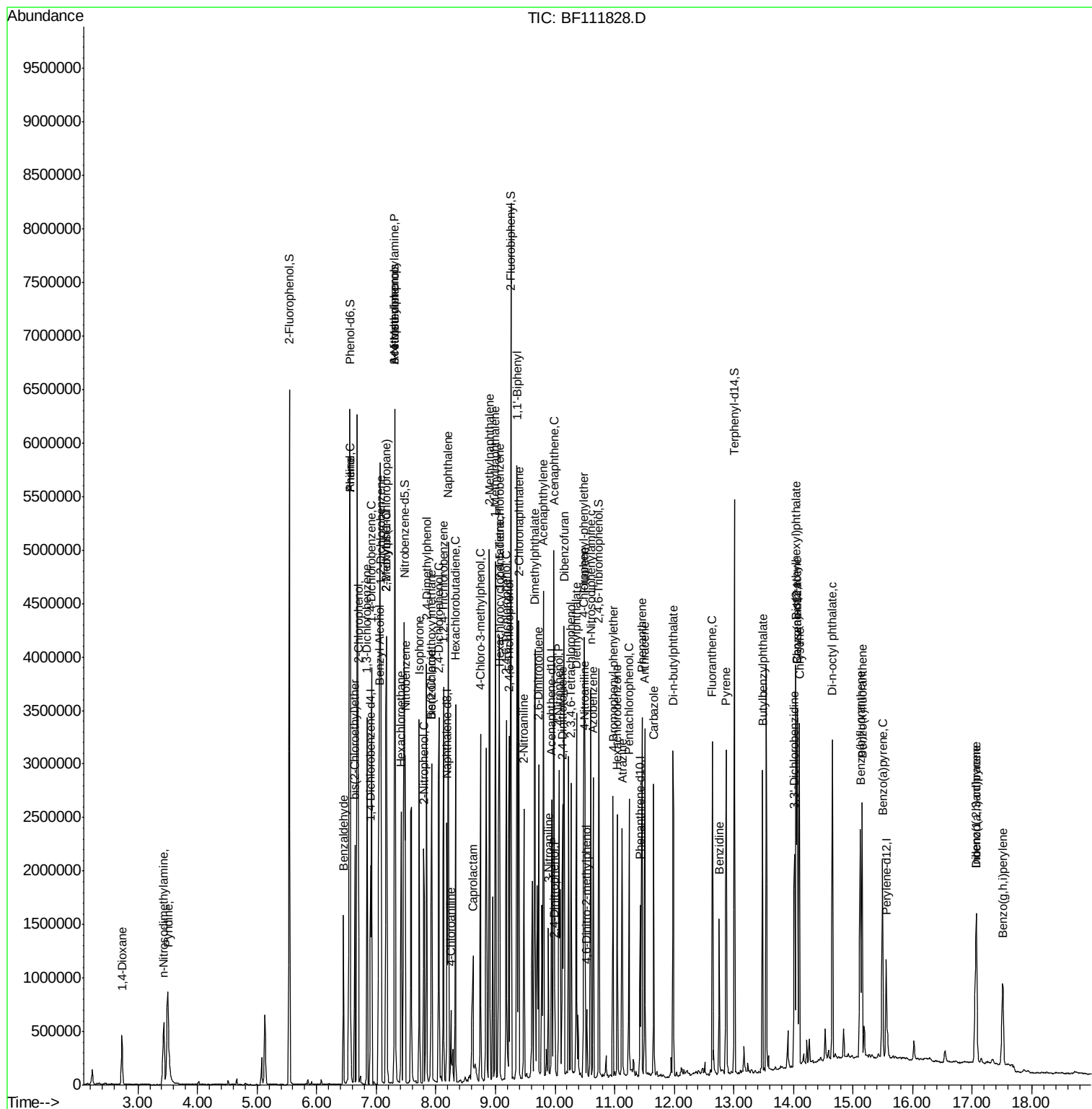
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111828.D
Acq On : 3 Jan 2019 18:33
Operator : JU/SJ
Sample : K1017-17MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

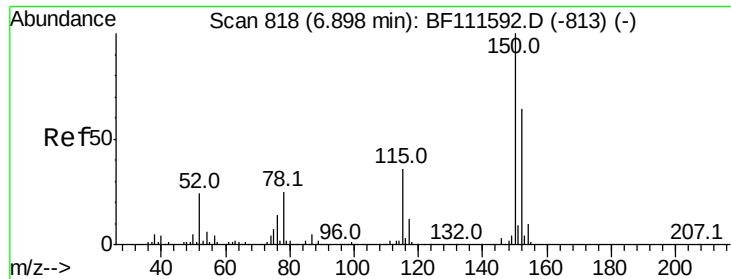
Instrument :
BNA_F
ClientSampled :
TP-5MS

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM

Quant Time: Jan 04 03:01:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration





#1

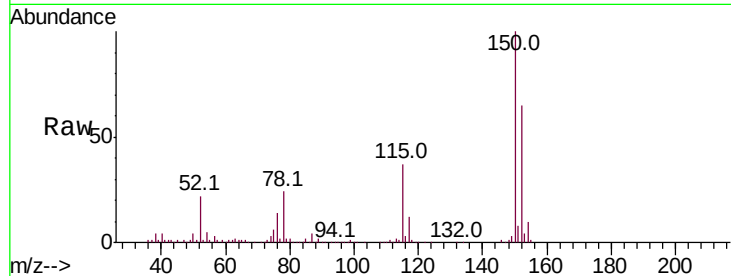
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	56.1	50.7	76.1

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM

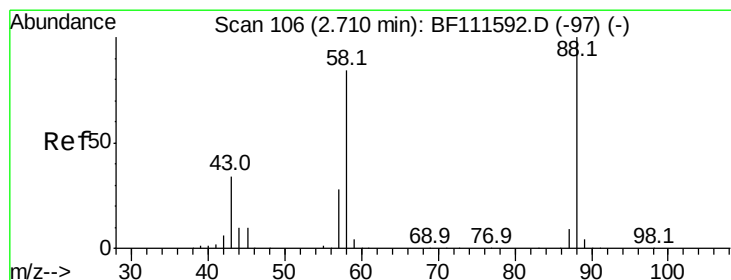
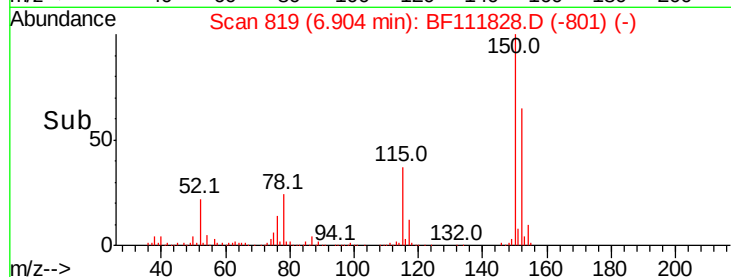
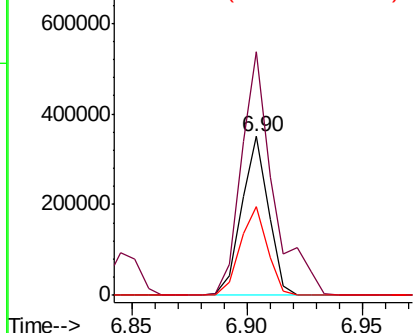


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

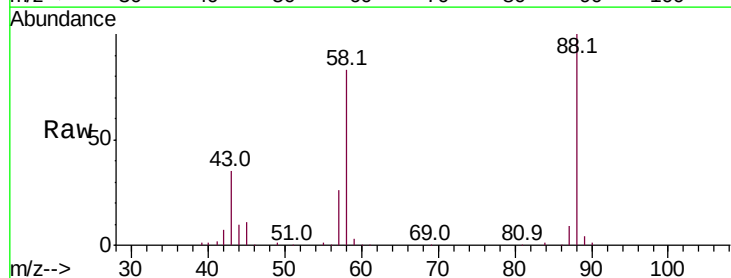
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.624 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	68.9	103.3
43	34.8	25.8	38.6

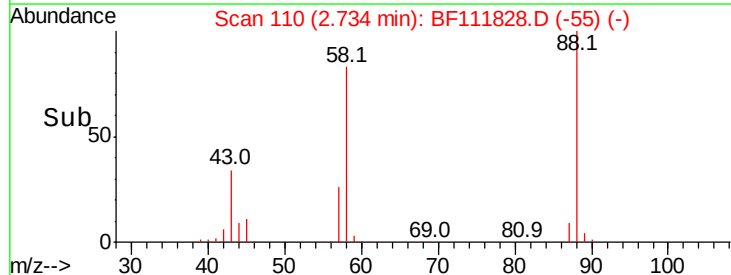
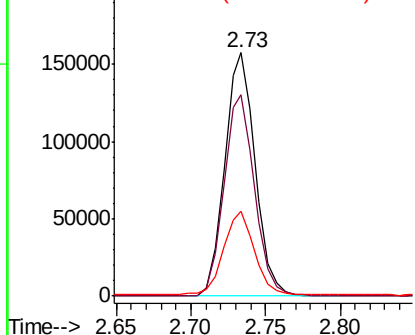


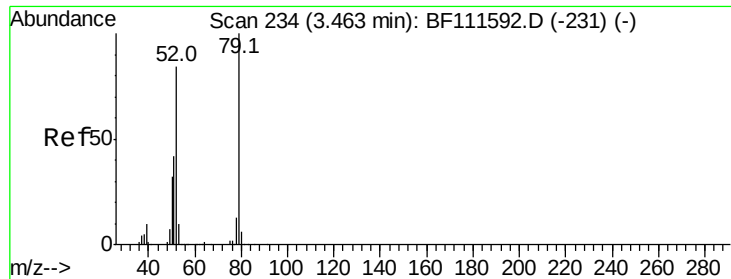
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.359 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.04 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

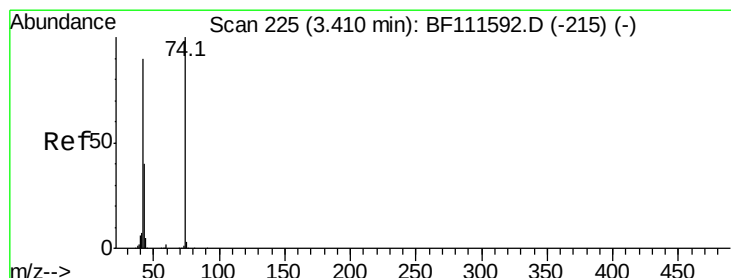
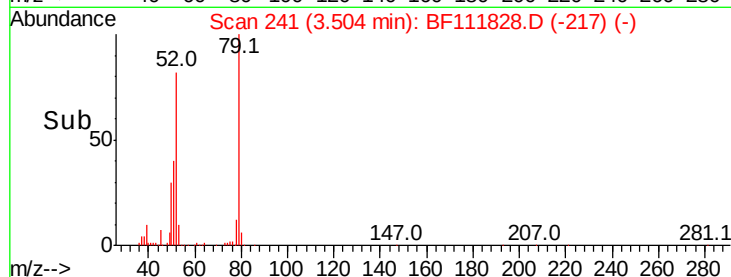
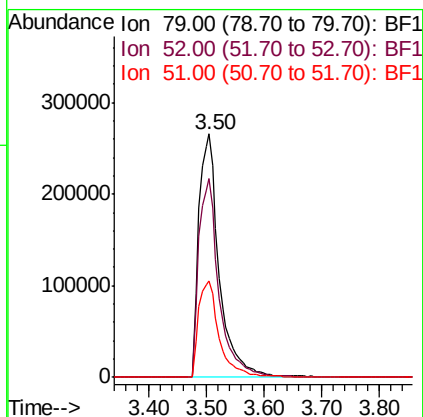
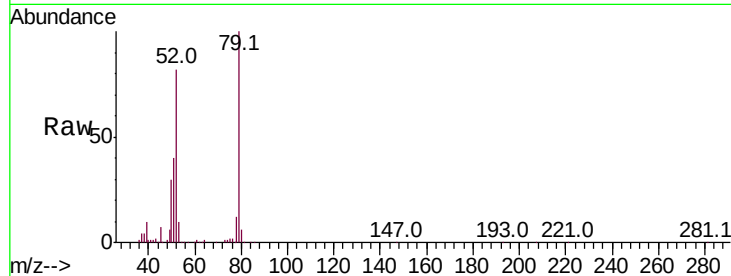
ClientSampleId :

TP-5MS

Tot Ion:	79	Resp:	660619
Ion Ratio	Lower	Upper	
79	100		
52	81.8	68.3	102.5
51	39.6	32.6	49.0

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



#4

n-Nitrosodimethylamine

Concen: 37.613 ng

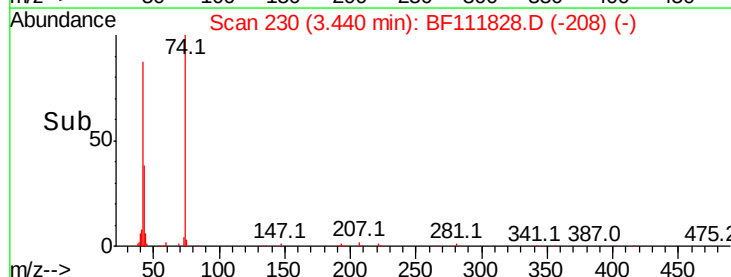
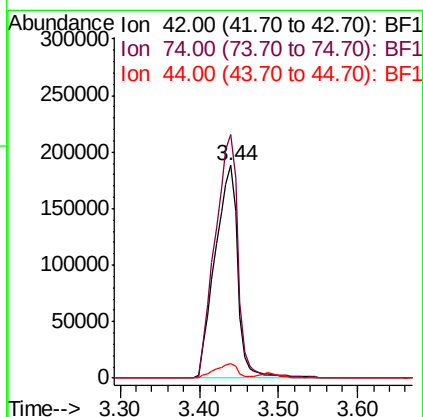
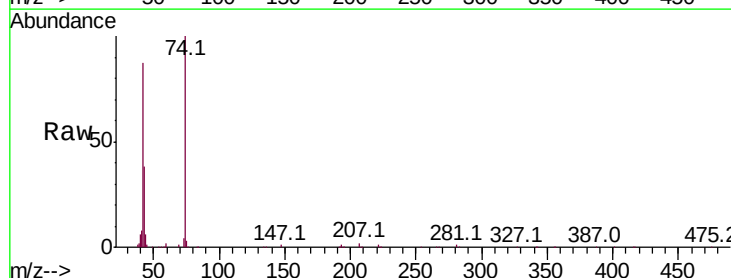
RT: 3.44 min Scan# 230

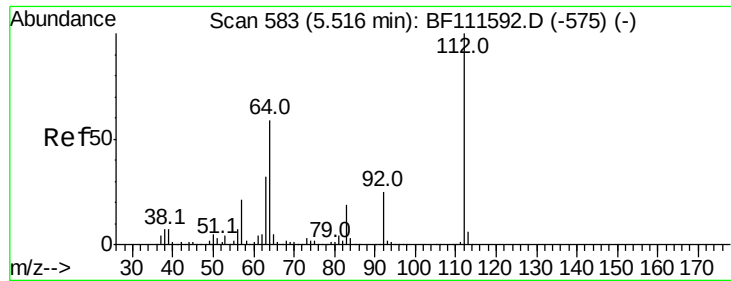
Delta R.T. 0.03 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:	42	Resp:	375804
Ion Ratio	Lower	Upper	
42	100		
74	114.7	101.5	152.3
44	7.1	6.0	9.0





#5

2-Fluorophenol

Concen: 109.310 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion:112 Resp: 1820608

Ion Ratio Lower Upper

112 100

64 62.5 51.8 77.6

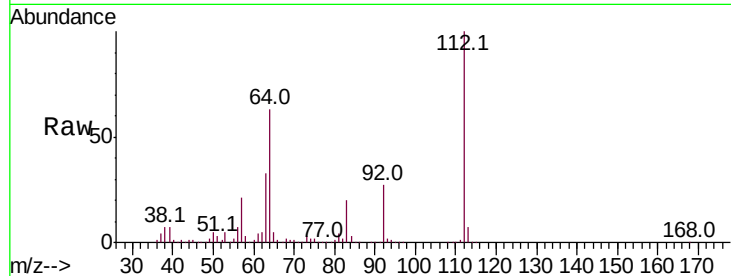
63 33.5 26.8 40.2

Manual Integrations

APPROVED

Sohil

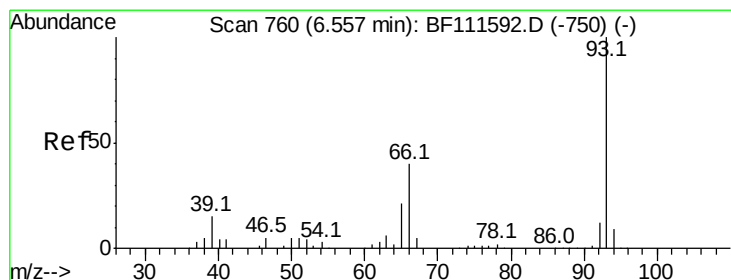
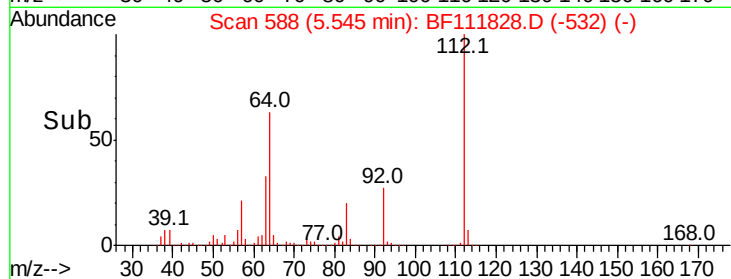
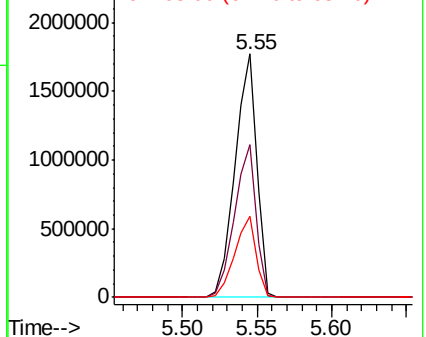
1/4/2019 9:56:41 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.220 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

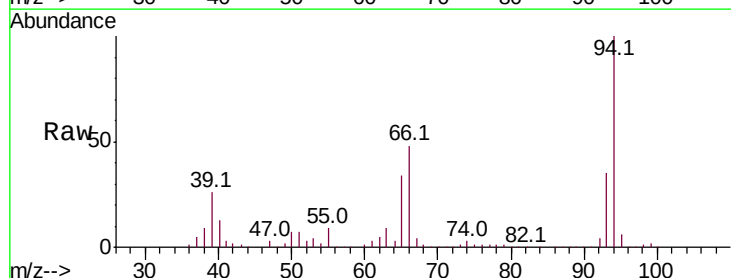
Tgt Ion: 93 Resp: 465268

Ion Ratio Lower Upper

93 100

66 134.9 33.2 49.8#

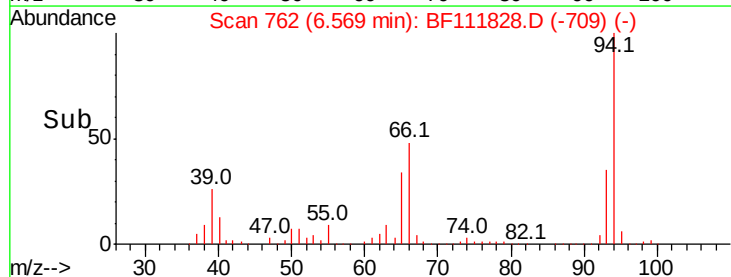
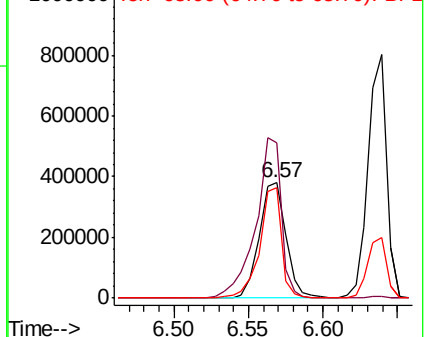
65 96.0 17.0 25.4#

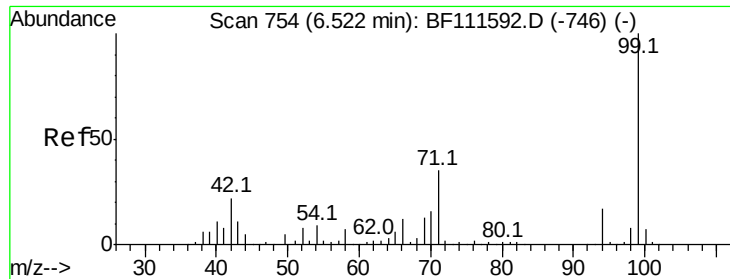


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.648 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion: 99 Resp: 2408949

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.0

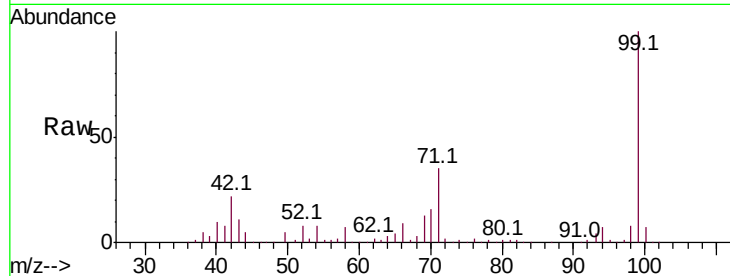
71 34.9 26.1 39.1

Manual Integrations

APPROVED

Sohil

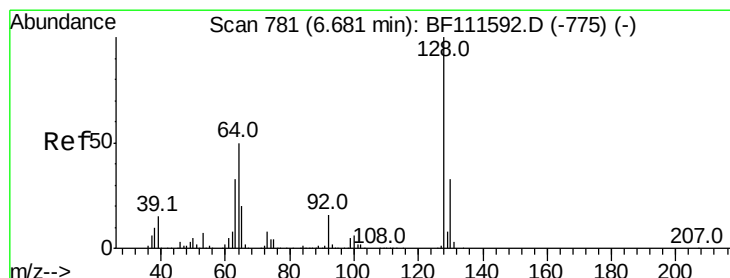
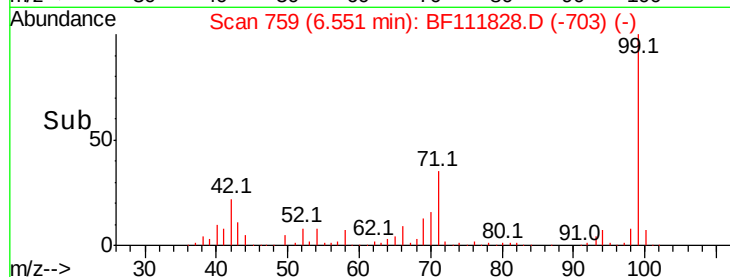
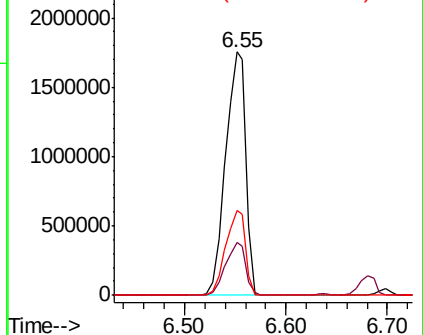
1/4/2019 9:56:41 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.637 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

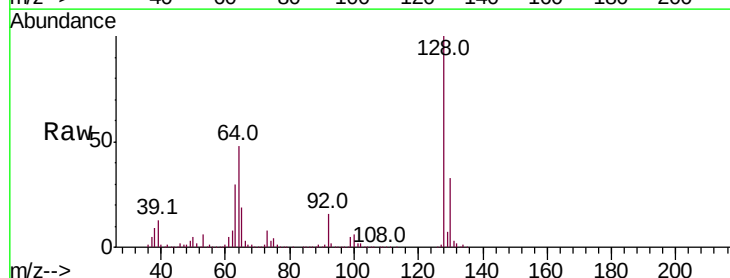
Tgt Ion:128 Resp: 712844

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

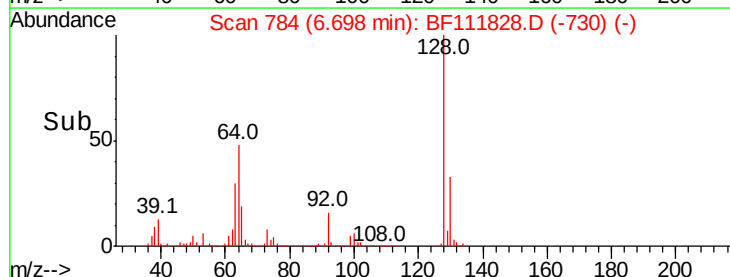
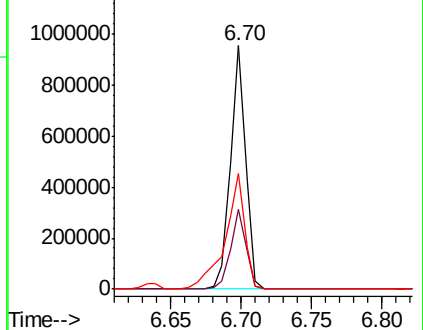
64 47.5 30.0 70.0

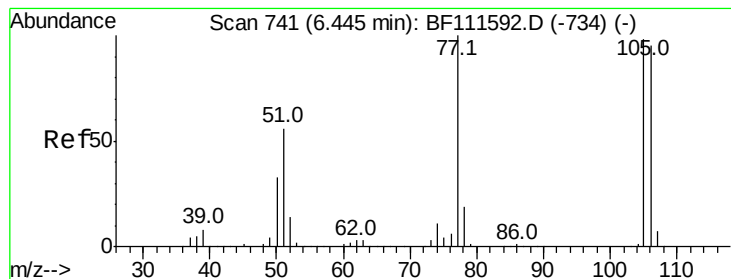


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.251 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

TP-5MS

Tot Ion: 77 Resp: 309793

Ion Ratio Lower Upper

77 100

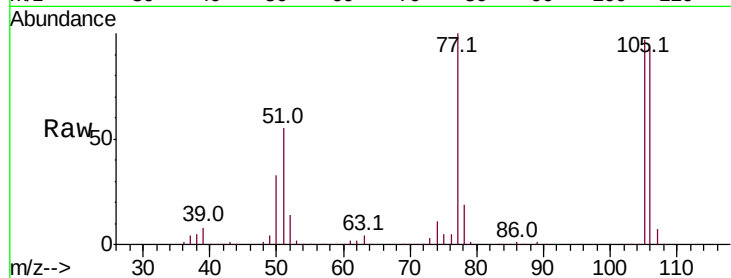
105 96.7 81.4 121.4

106 93.2 77.9 117.9

Manual Integrations
APPROVED

Sohil

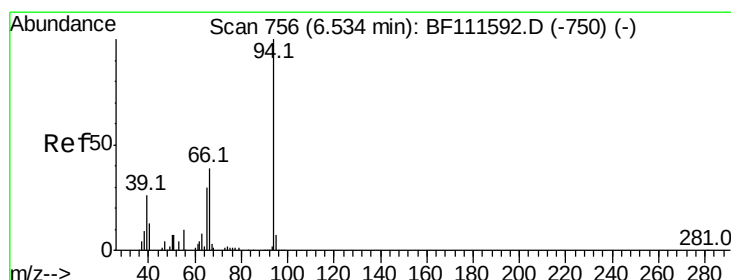
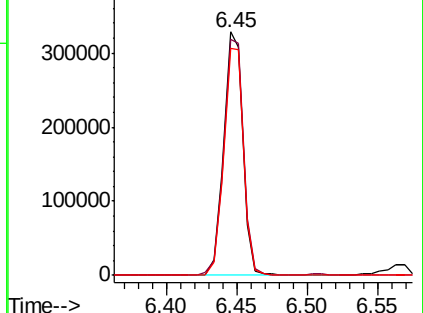
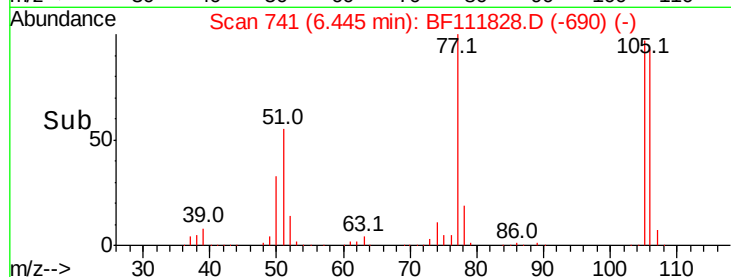
1/4/2019 9:56:41 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.009 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.04 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

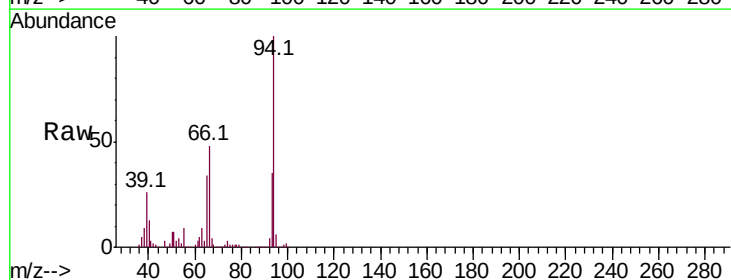
Tgt Ion: 94 Resp: 909026

Ion Ratio Lower Upper

94 100

65 34.0 11.7 51.7

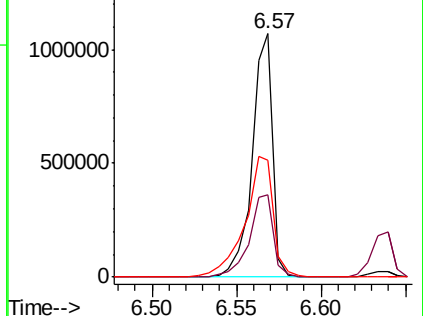
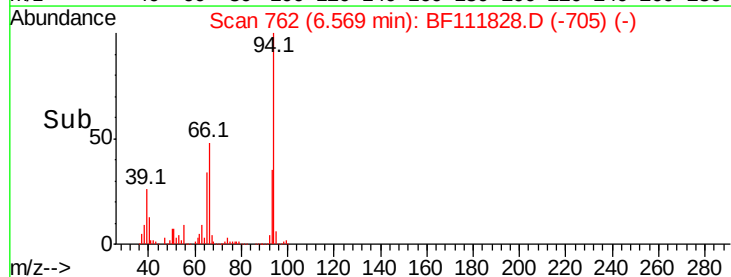
66 47.8 21.0 61.0

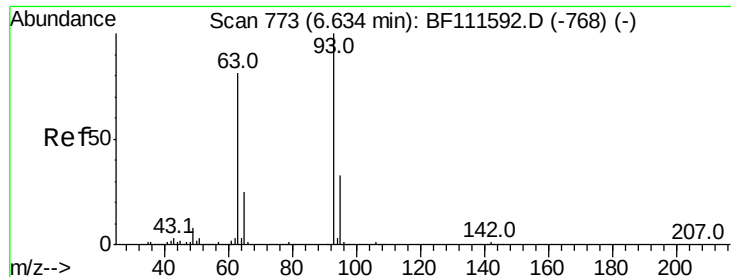


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.327 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

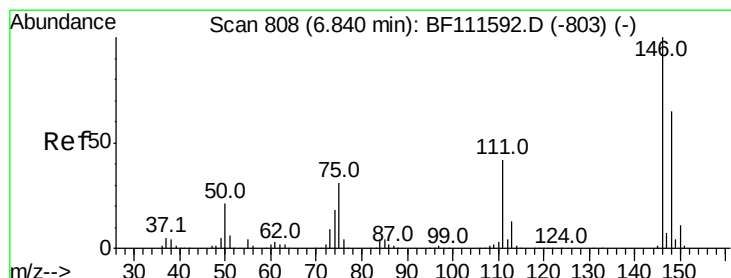
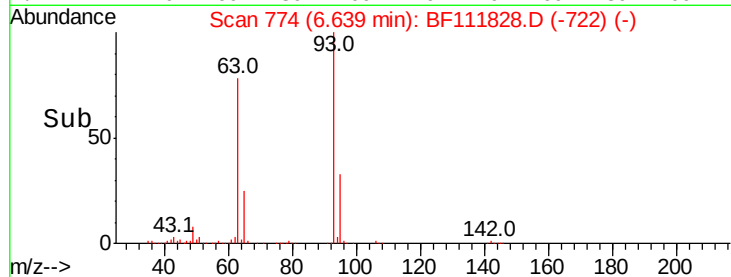
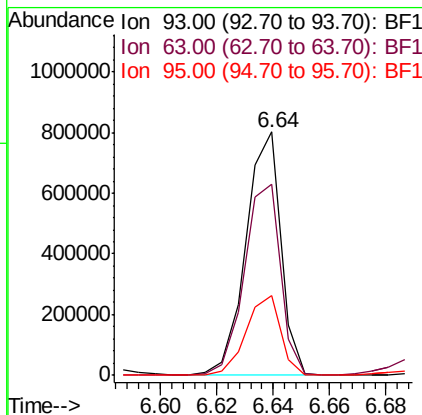
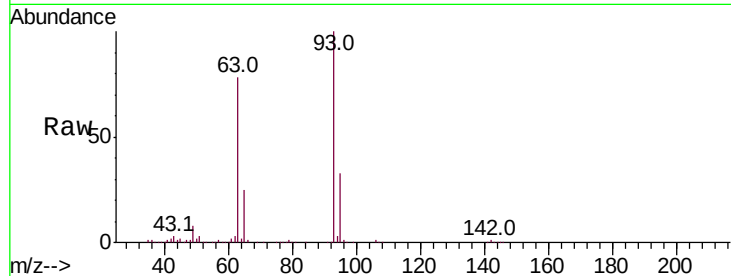
ClientSampled :

TP-5MS

Tot Ion:	93	Resp:	686883
Ion Ratio	Lower	Upper	
93	100		
63	78.5	60.0	100.0
95	32.7	13.4	53.4

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



#12

1,3-Dichlorobenzene

Concen: 36.241 ng

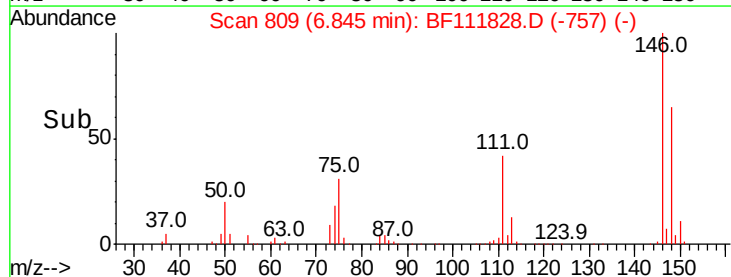
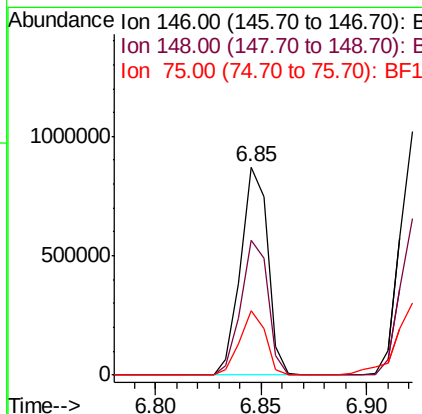
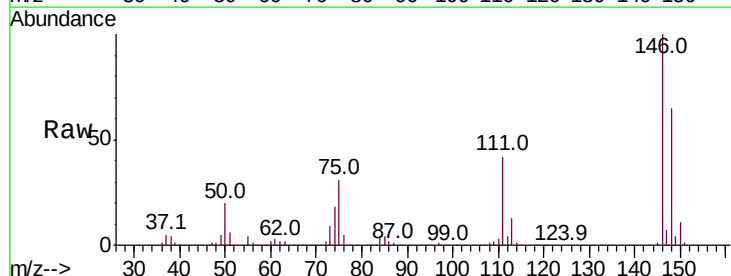
RT: 6.85 min Scan# 809

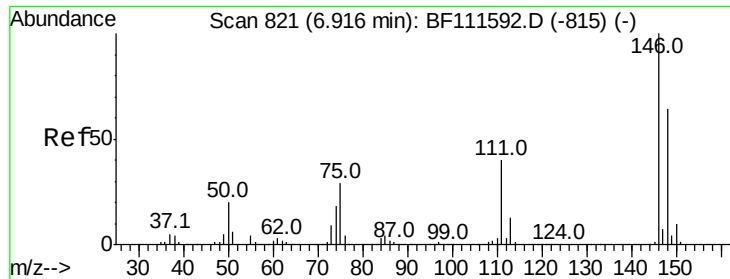
Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:	146	Resp:	774884
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.1	78.1
75	31.1	23.9	35.9





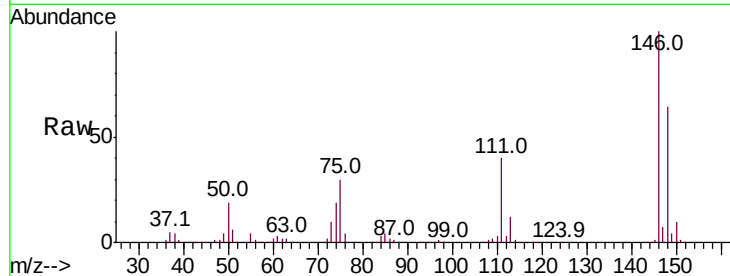
#13
1,4-Dichlorobenzene
Concen: 36.107 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.8	79.2
111	39.7	33.4	50.0

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM

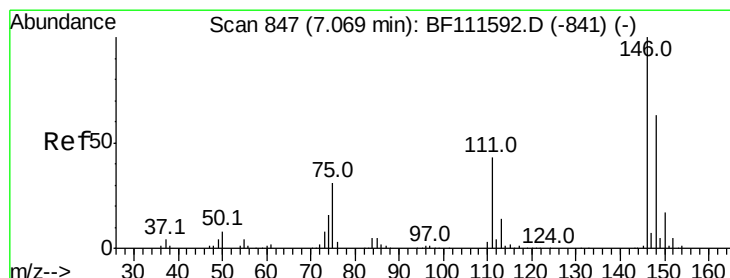
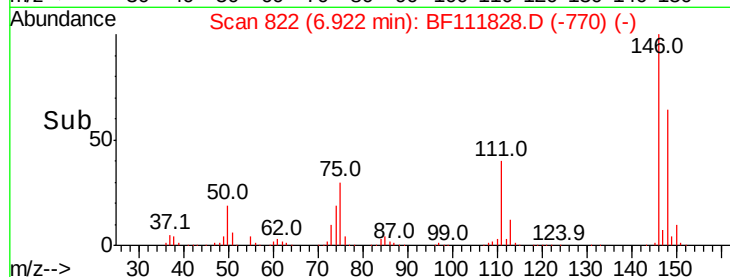
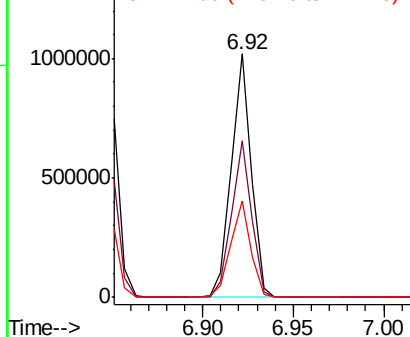


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 36.444 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

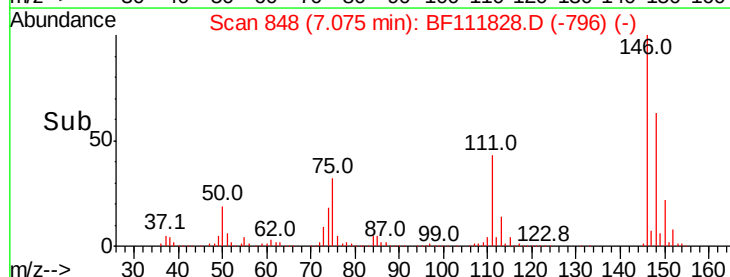
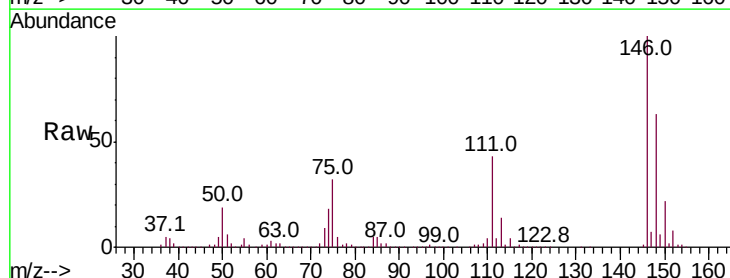
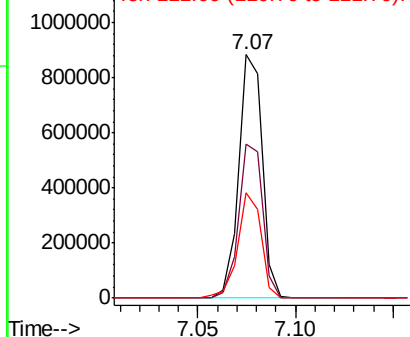
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	43.2	36.2	54.4

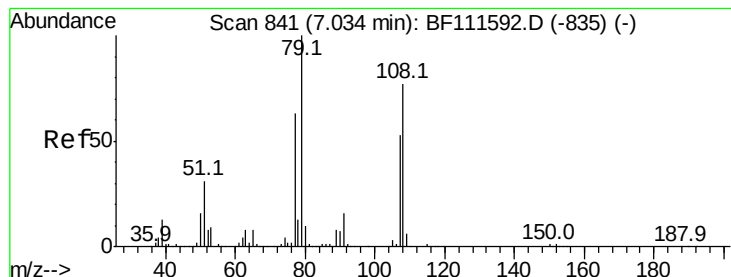
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.074 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

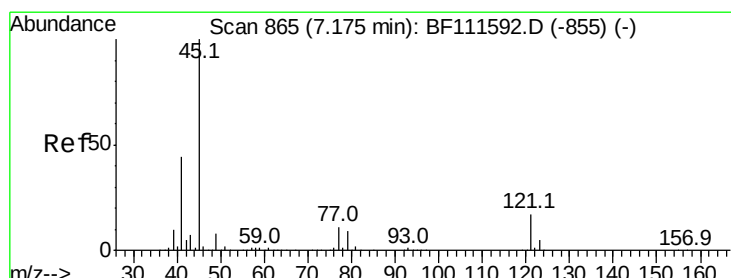
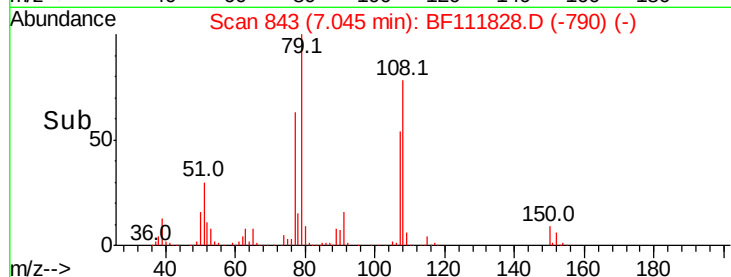
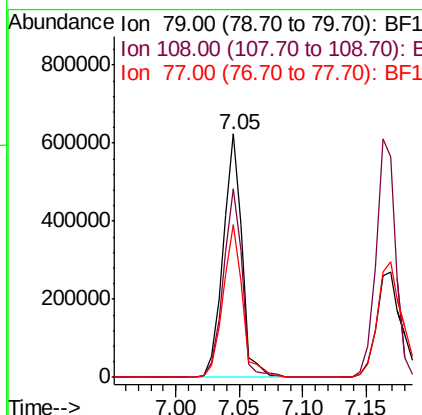
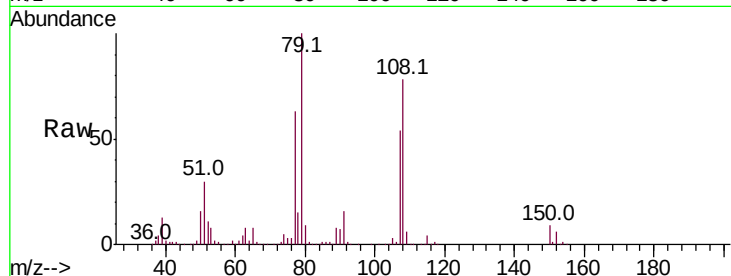
ClientSampleId :

TP-5MS

Tot Ion:	79	Resp:	640944
Ion	Ratio	Lower	Upper
79	100		
108	77.6	69.4	104.2
77	62.7	49.7	74.5

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.783 ng

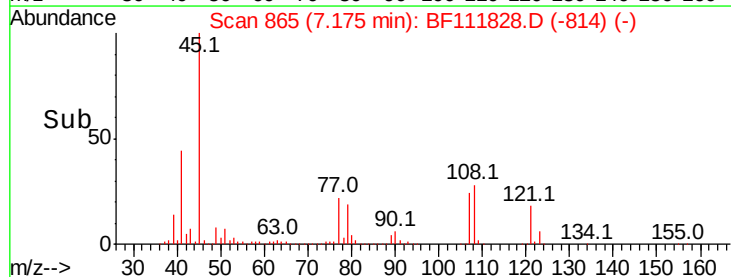
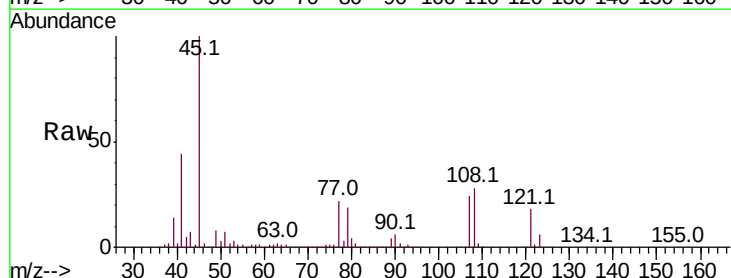
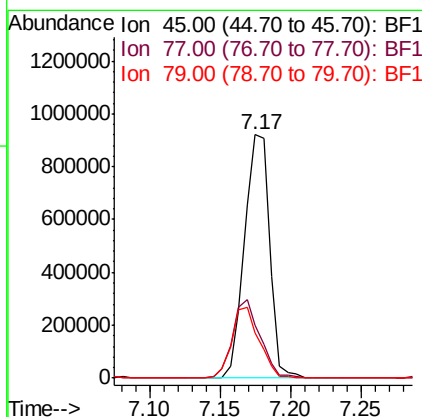
RT: 7.17 min Scan# 865

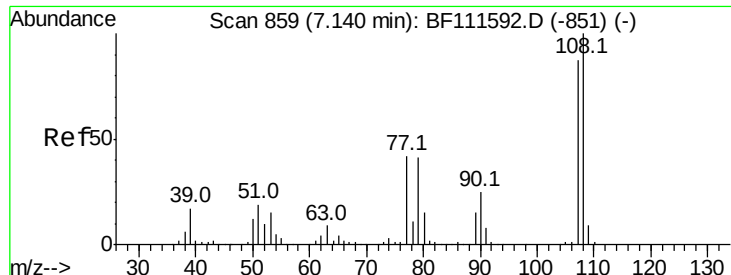
Delta R.T. -0.00 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:	45	Resp:	1148081
Ion	Ratio	Lower	Upper
45	100		
77	21.9	0.0	31.5
79	18.5	0.0	28.9





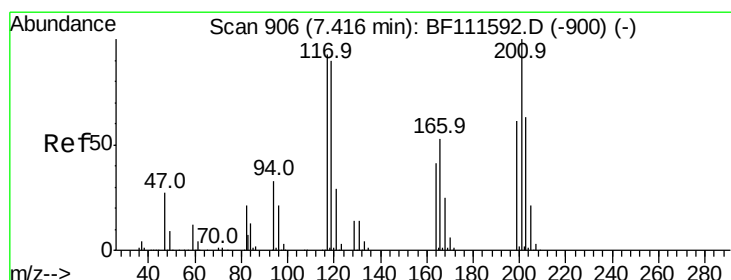
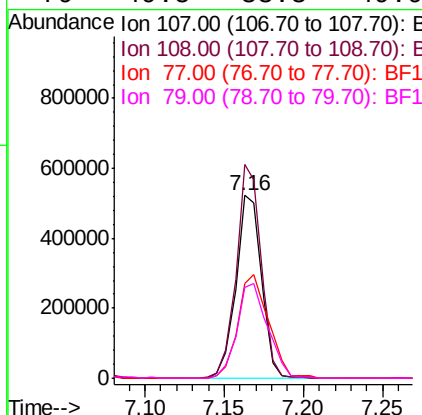
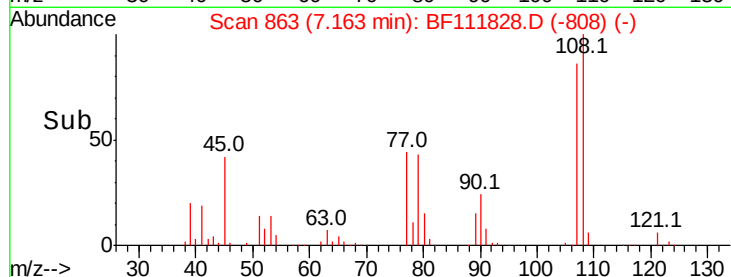
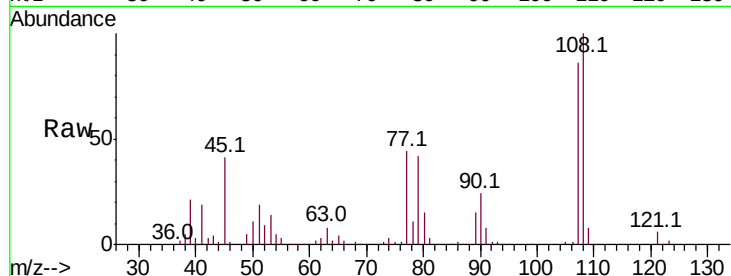
#17
2-Methylphenol
Concen: 39.350 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.8	91.0	136.4
77	51.7	33.5	50.3
79	49.5	33.3	49.9

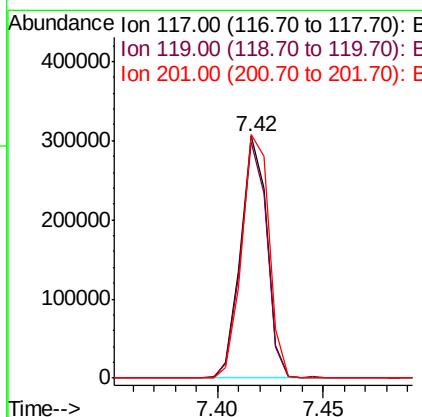
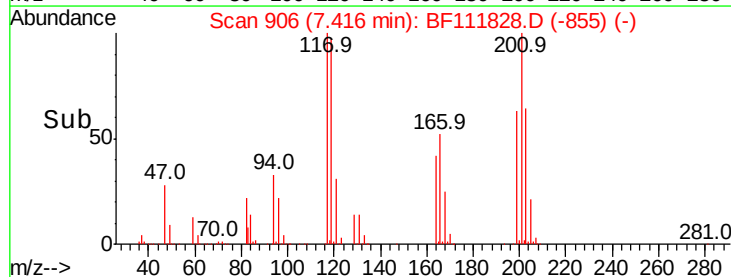
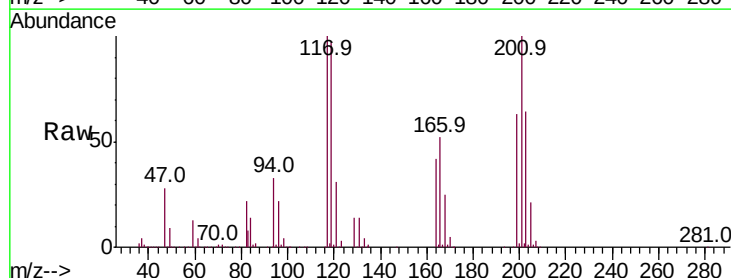
Manual Integrations
APPROVED

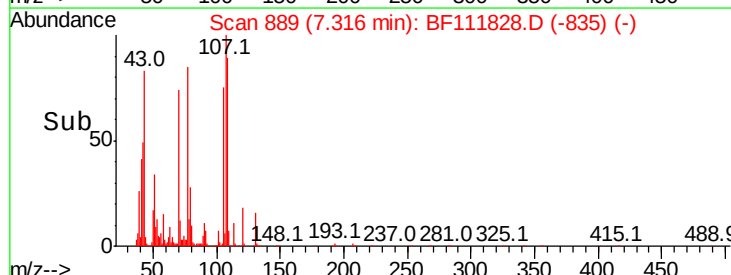
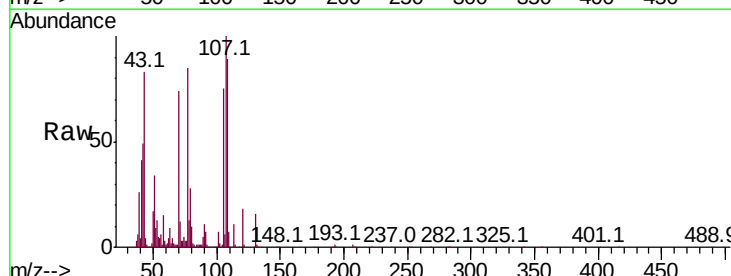
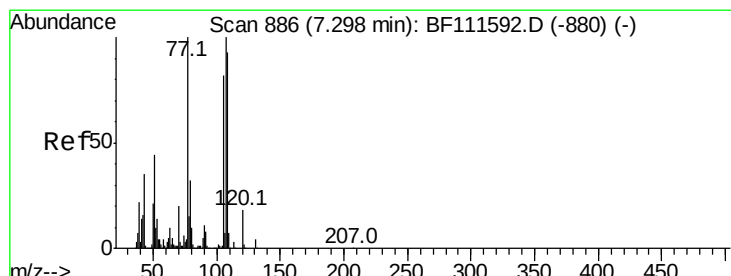
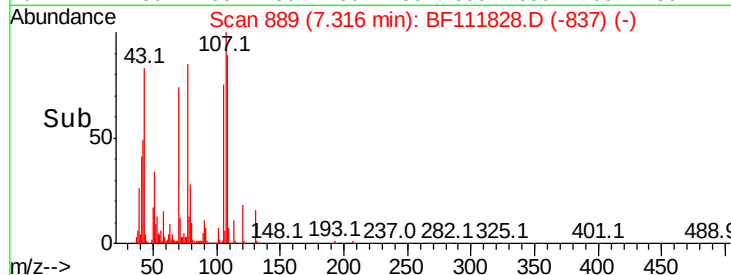
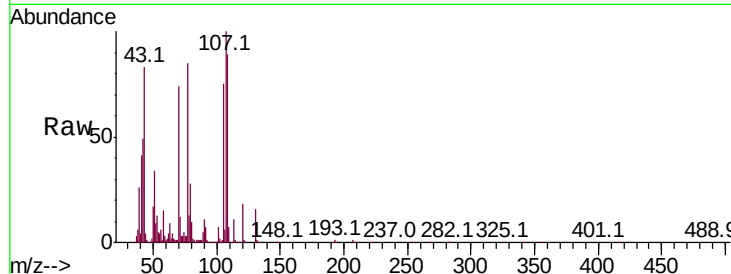
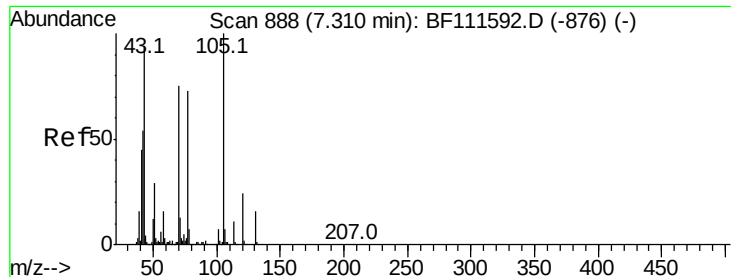
Sohil
1/4/2019 9:56:41 AM



#18
Hexachloroethane
Concen: 36.004 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.6	75.4	113.0
201	100.5	62.4	93.6





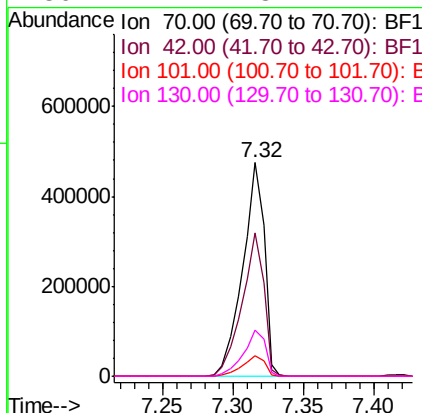
#19
n-Nitroso-di-n-propylamine
Concen: 36.217 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	53.2	79.8
101	9.8	8.2	12.4
130	21.4	18.1	27.1

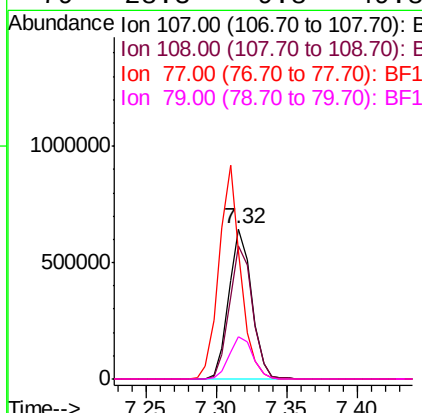
Manual Integrations
APPROVED

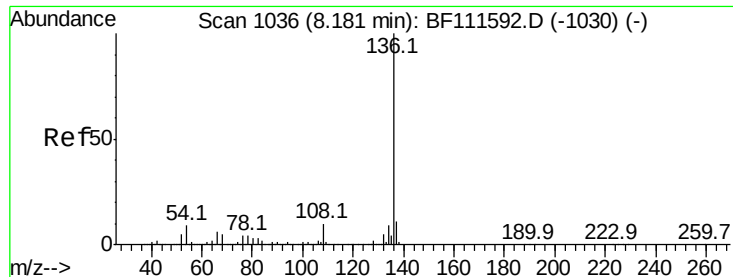
Sohil
1/4/2019 9:56:41 AM



#20
3+4-Methylphenols
Concen: 38.648 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.1	112.1
77	85.1	94.1	134.1#
79	28.3	9.8	49.8





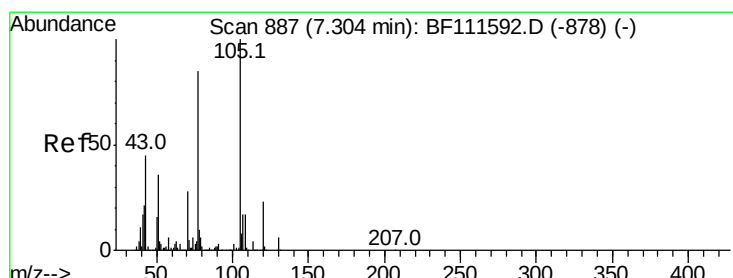
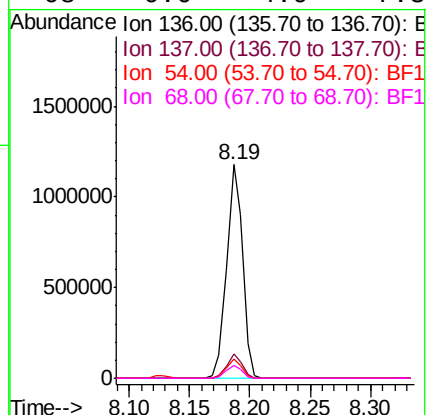
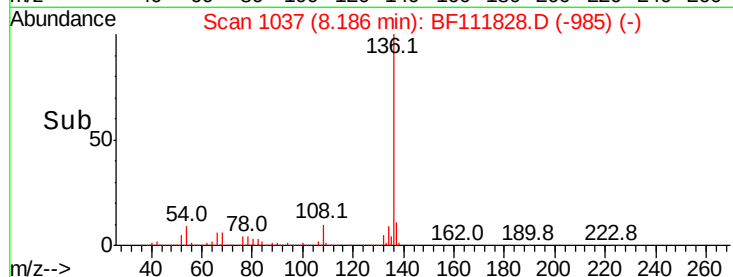
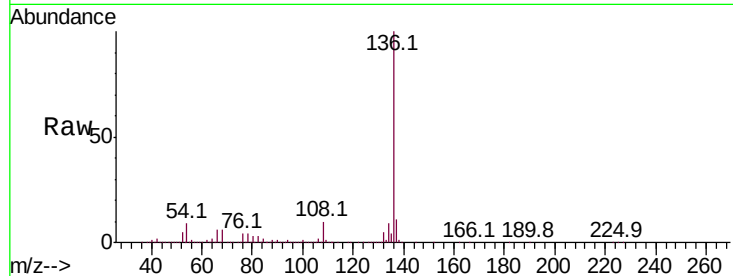
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.2	7.7	11.5
68	6.0	4.9	7.3

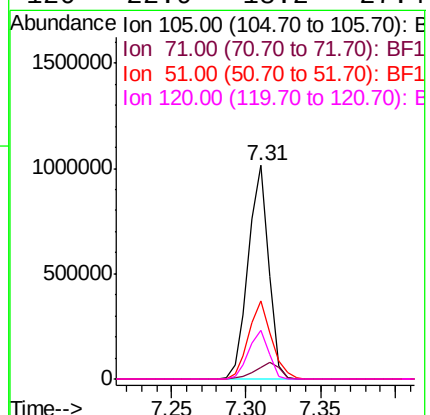
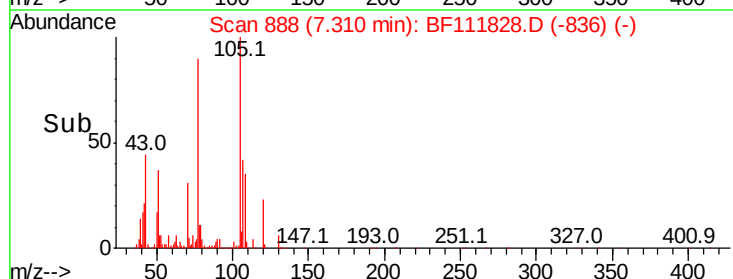
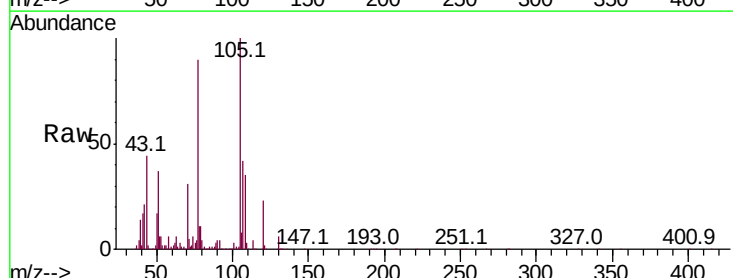
Manual Integrations
APPROVED

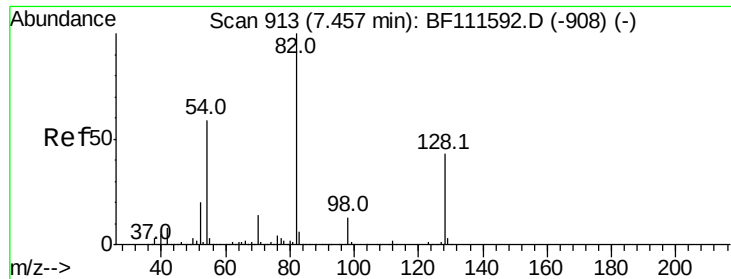
Sohil
1/4/2019 9:56:41 AM



#22
Acetophenone
Concen: 35.262 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.1	4.7#
51	36.7	36.6	54.8
120	22.9	18.2	27.4





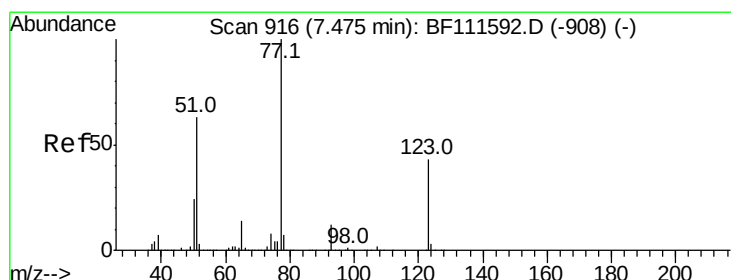
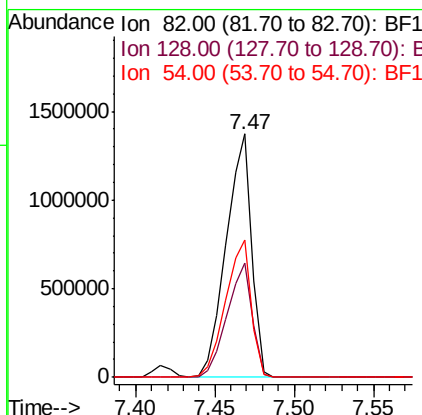
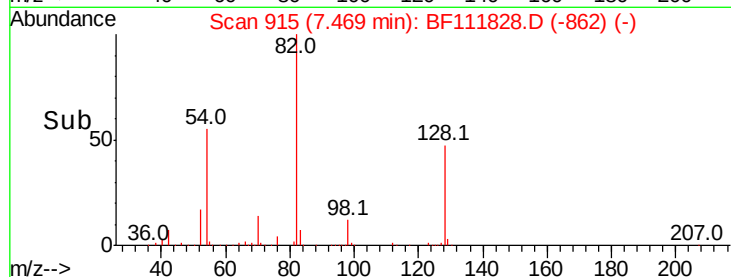
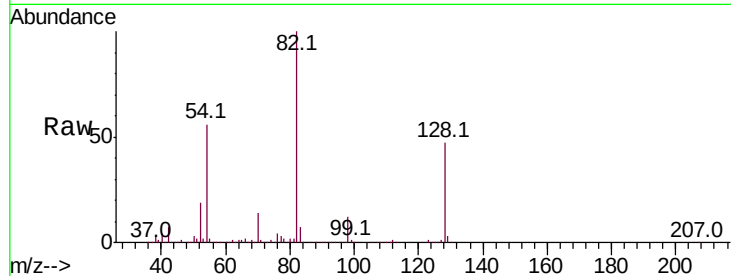
#23
Nitrobenzene-d5
Concen: 82.978 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion: 82 Resp: 1525422
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.2
54 56.4 47.6 71.4

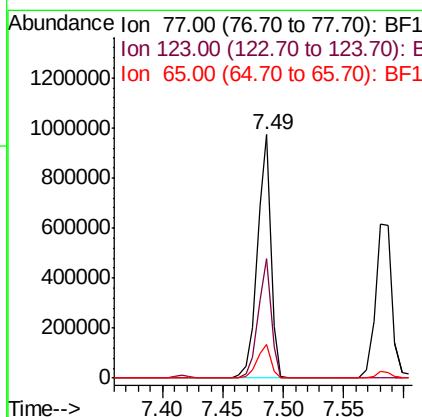
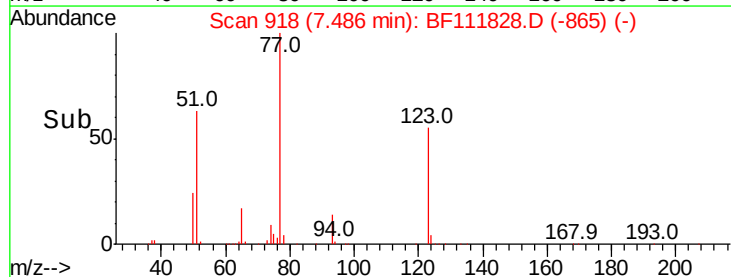
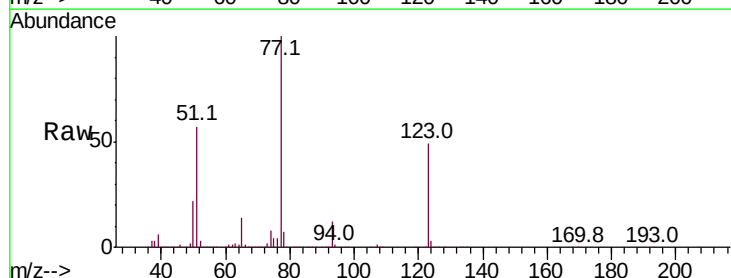
Manual Integrations
APPROVED

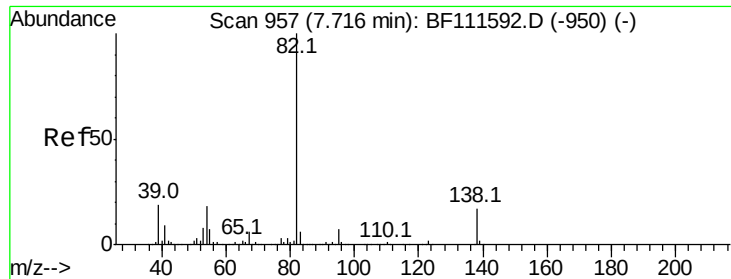
Sohil
1/4/2019 9:56:41 AM



#24
Nitrobenzene
Concen: 39.408 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion: 77 Resp: 759296
Ion Ratio Lower Upper
77 100
123 48.9 37.2 55.8
65 14.1 11.5 17.3





#25

Isophorone

Concen: 41.839 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion: 82 Resp: 1365455

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

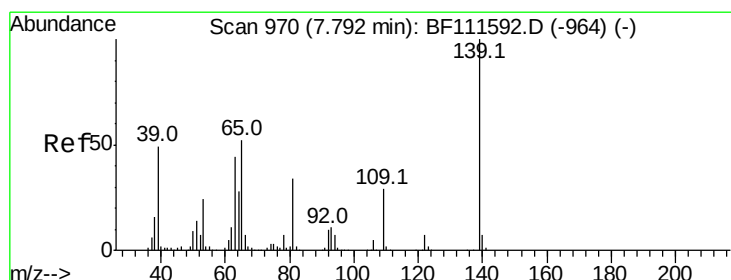
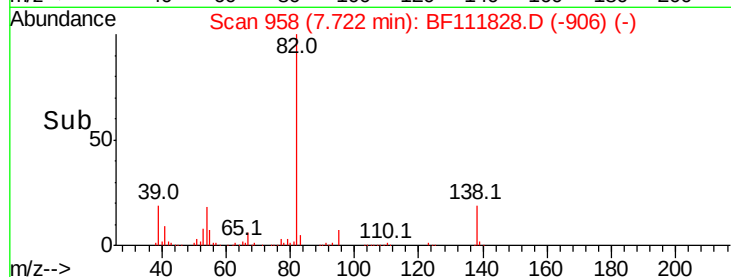
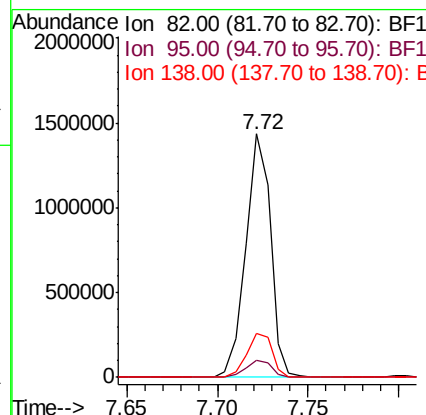
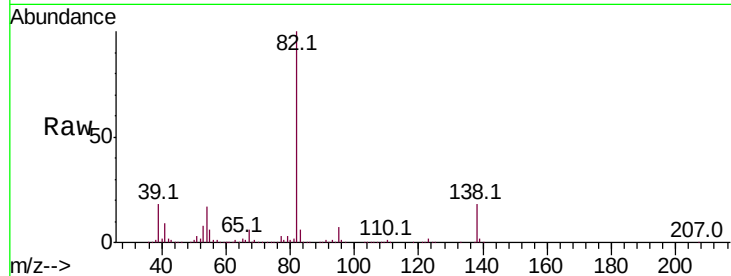
138 18.0 15.1 22.7

Manual Integrations

APPROVED

Sohil

1/4/2019 9:56:41 AM



#26

2-Nitrophenol

Concen: 48.769 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

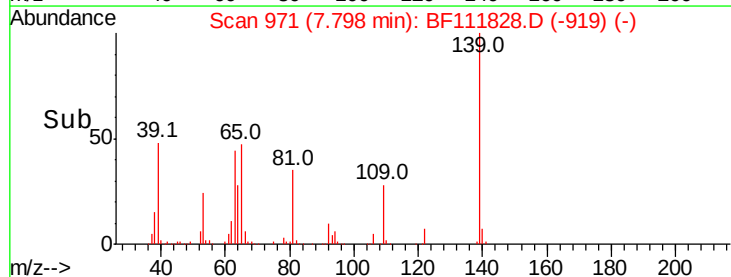
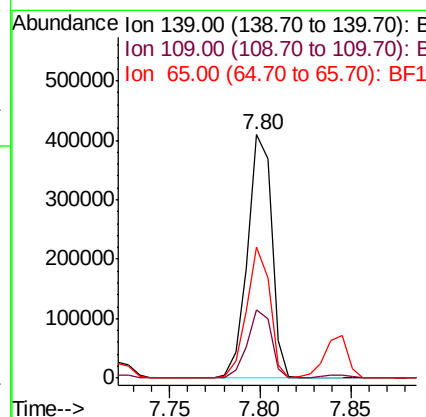
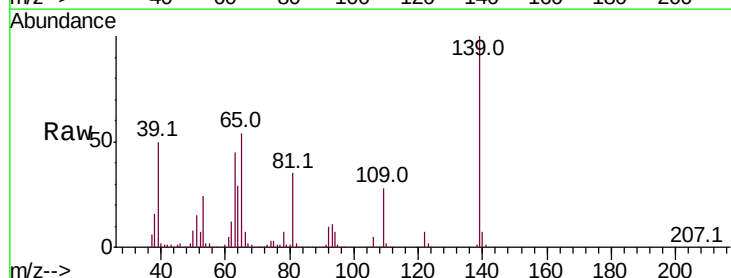
Tgt Ion: 139 Resp: 381094

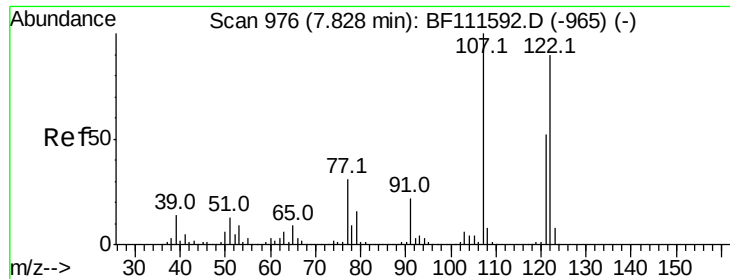
Ion Ratio Lower Upper

139 100

109 28.3 20.2 30.4

65 53.9 40.7 61.1





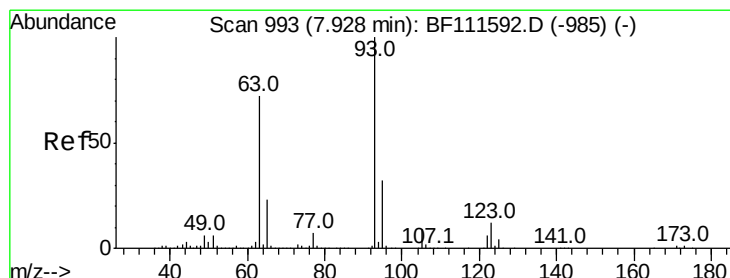
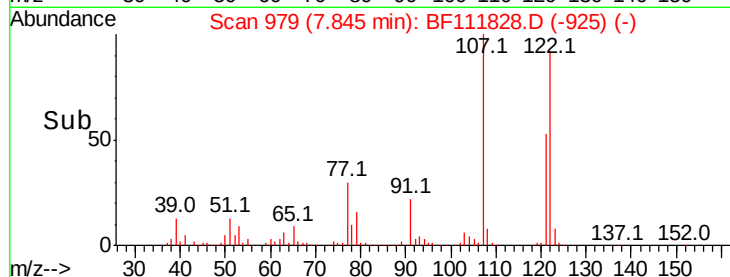
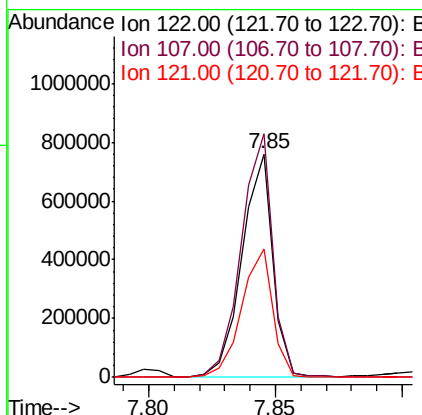
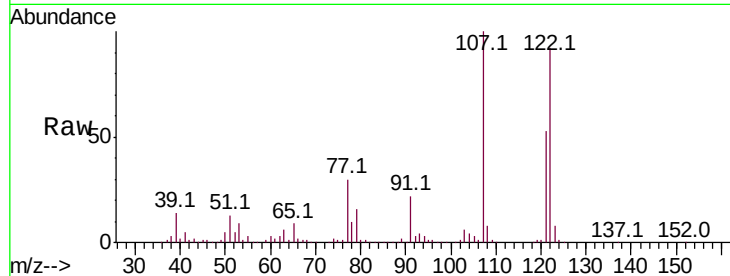
#27
2,4-Dimethylphenol
Concen: 41.809 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	85.5	128.3
121	57.3	46.6	70.0

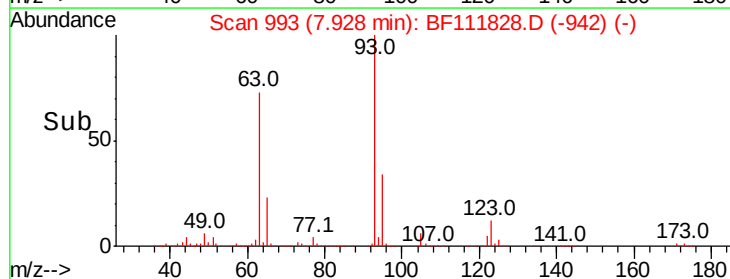
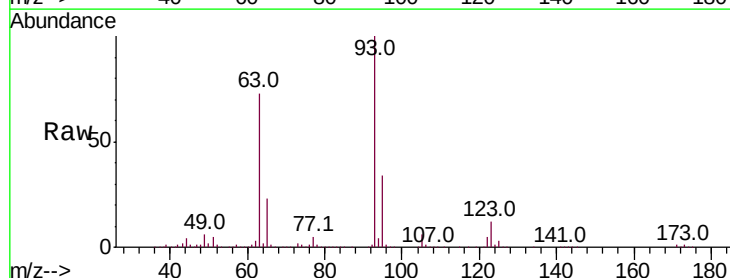
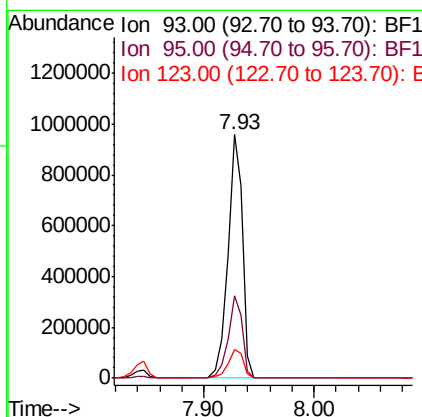
Manual Integrations
APPROVED

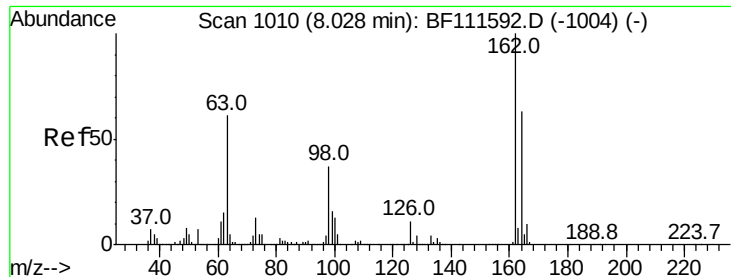
Sohil
1/4/2019 9:56:41 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.454 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.1	40.7
123	11.8	9.9	14.9





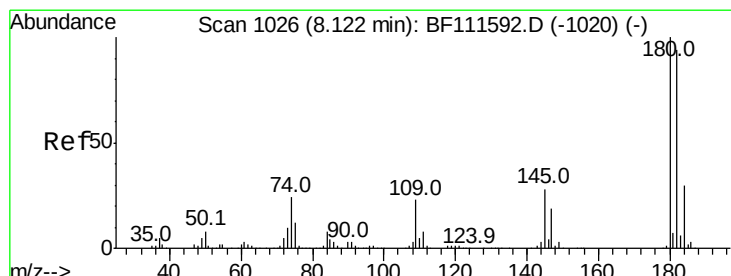
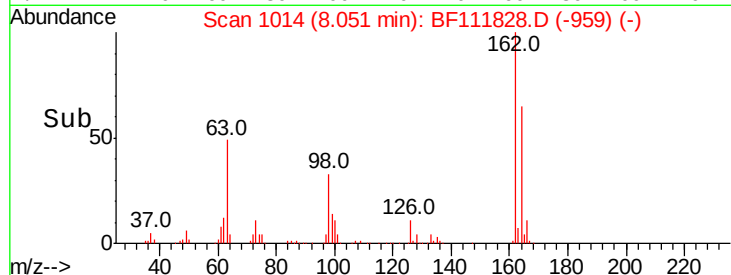
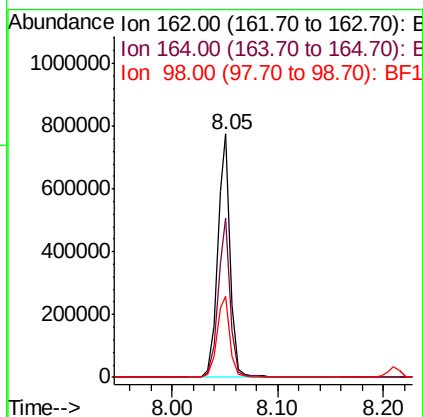
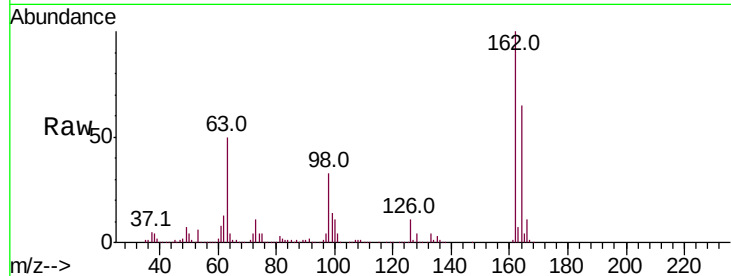
#29
2,4-Dichlorophenol
Concen: 39.542 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	44.4	84.4
98	33.2	20.3	60.3

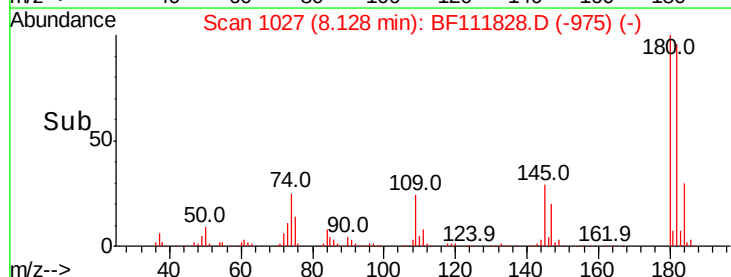
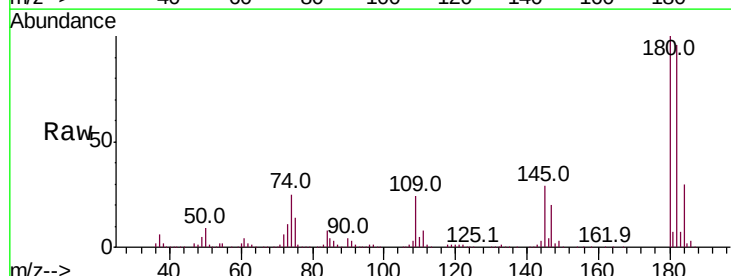
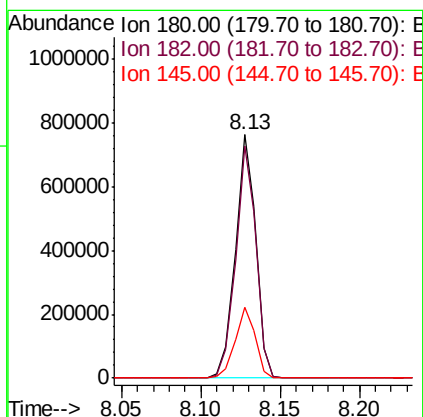
Manual Integrations
APPROVED

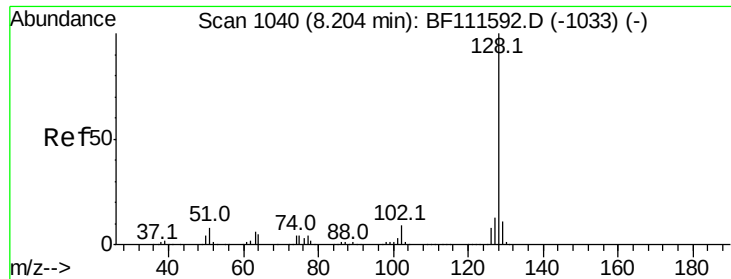
Sohil
1/4/2019 9:56:41 AM



#30
1,2,4-Trichlorobenzene
Concen: 36.614 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	75.6	113.4
145	29.0	26.7	40.1





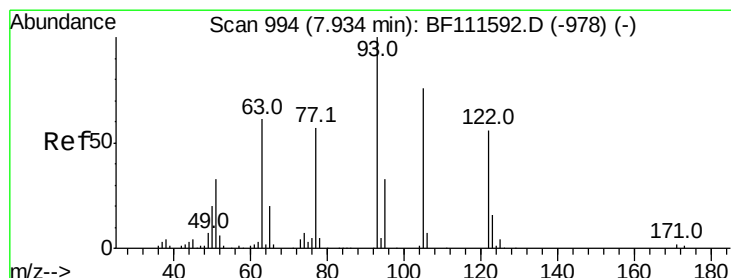
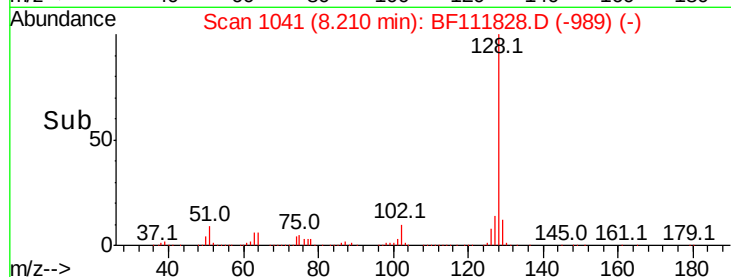
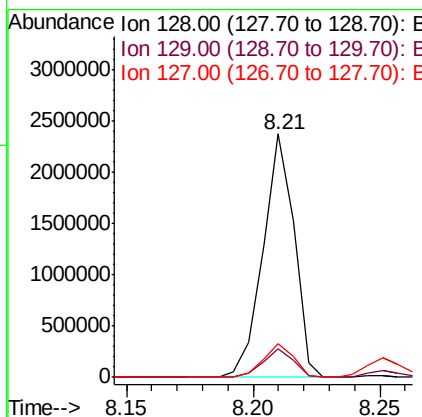
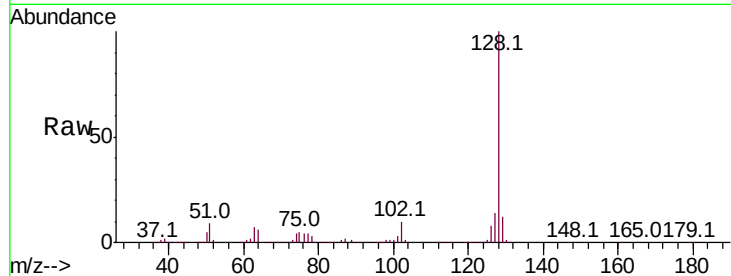
#31
Naphthalene
Concen: 39.333 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.8
127	14.0	12.0	18.0

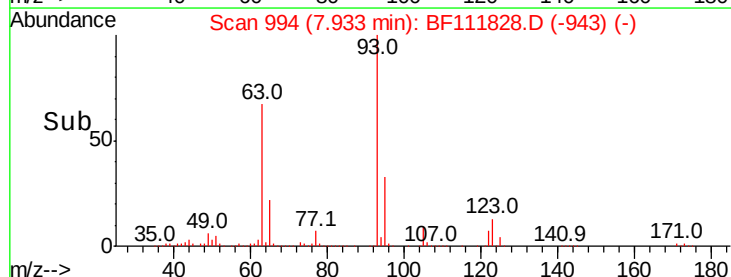
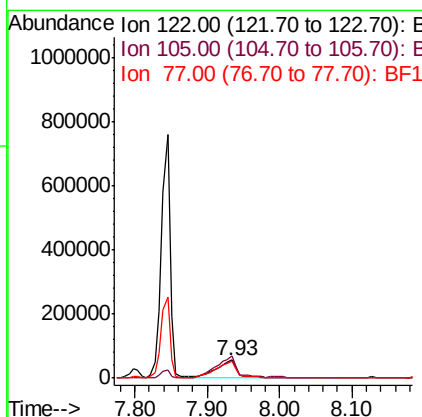
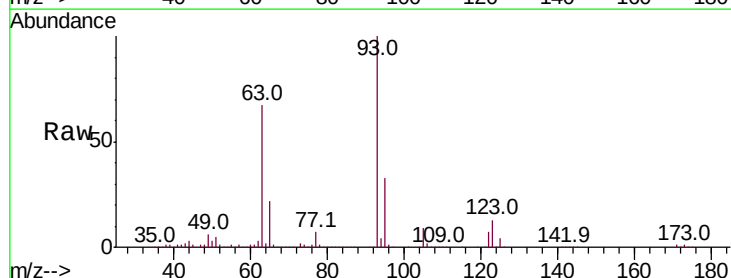
Manual Integrations
APPROVED

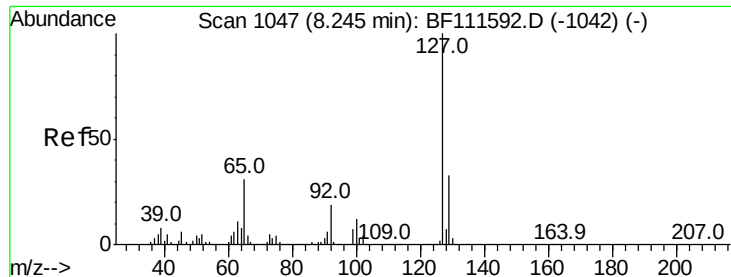
Sohil
1/4/2019 9:56:41 AM



#32
Benzoic acid
Concen: 11.760 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	97.0	137.0
77	96.6	65.7	105.7





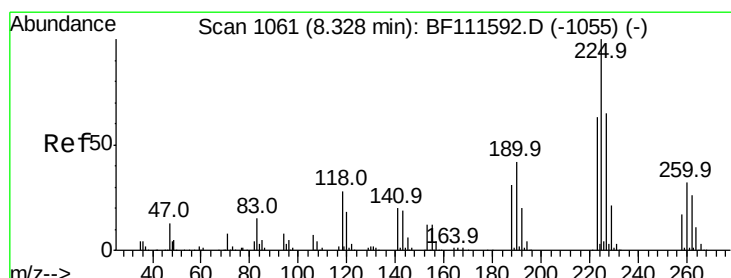
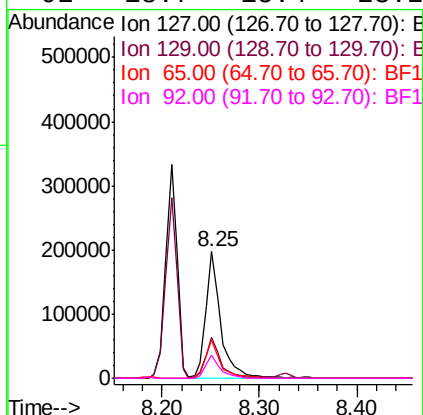
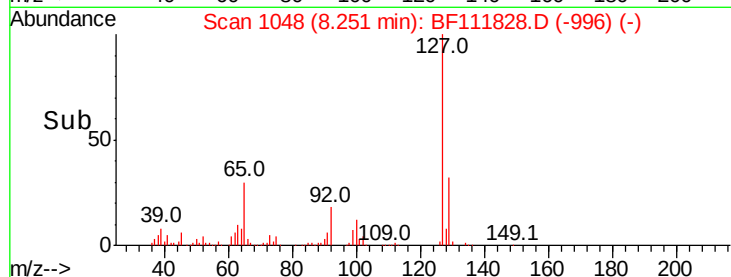
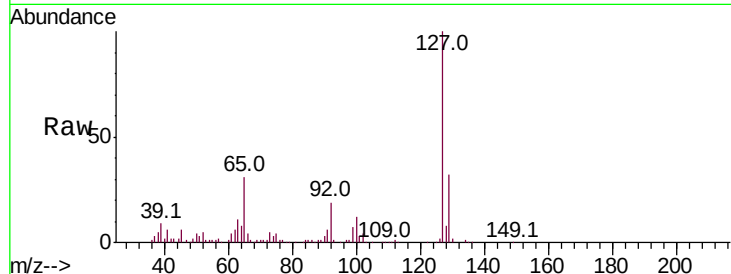
#33
4-Chloroaniline
Concen: 9.522 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.6	39.8	
65	30.9	25.7	38.5	
92	18.7	15.4	23.2	

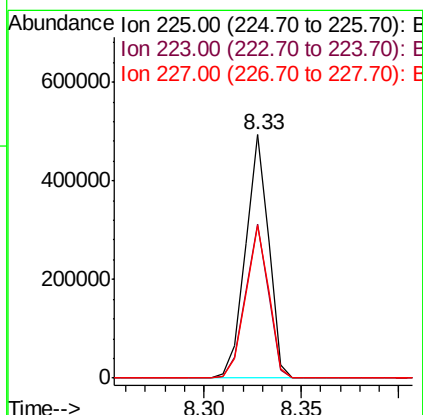
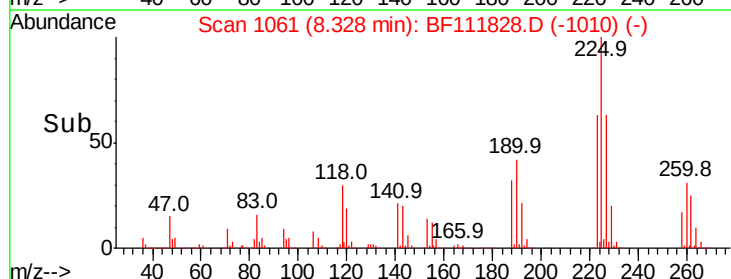
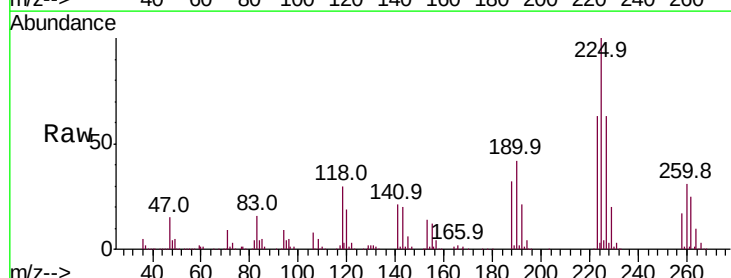
Manual Integrations
APPROVED

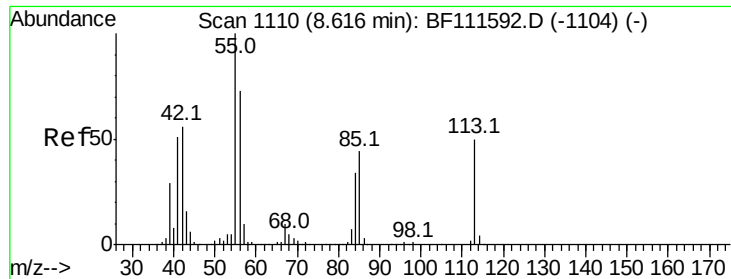
Sohil
1/4/2019 9:56:41 AM



#34
Hexachlorobutadiene
Concen: 35.924 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.7	76.1	
227	62.6	52.6	78.8	





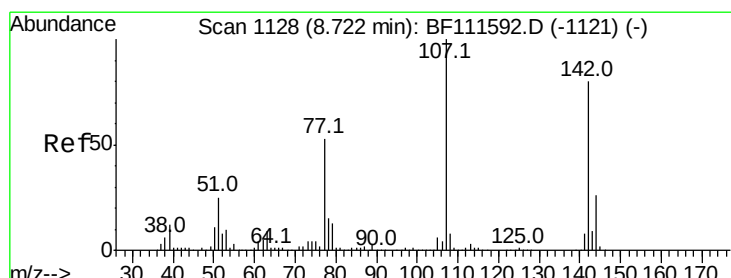
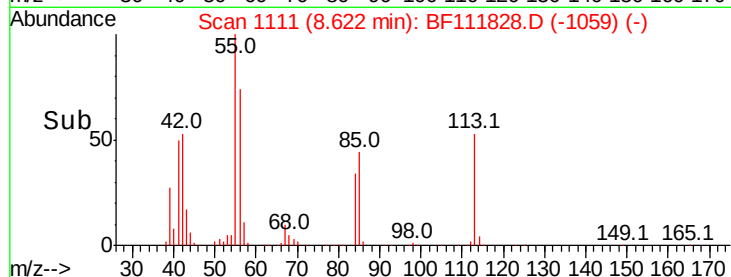
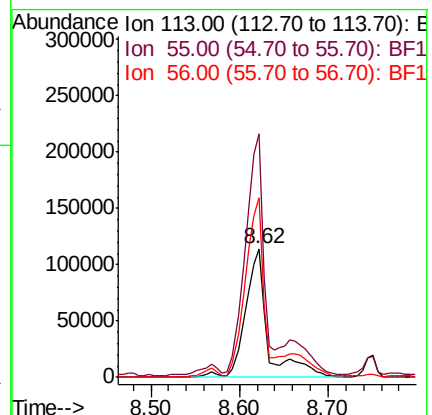
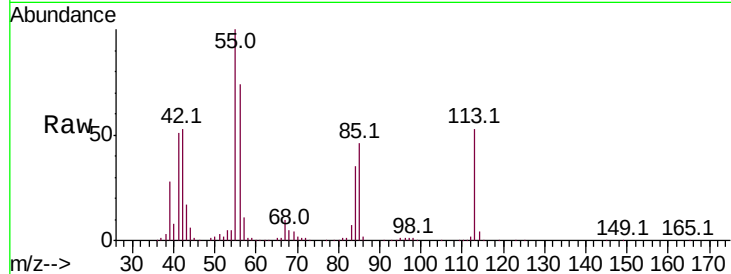
#35
 Caprolactam
 Concen: 36.135 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampled :
 TP-5MS

Tot Ion:	113	Resp:	202871
Ion Ratio	Lower	Upper	
113	100		
55	188.8	184.1	224.1
56	139.2	126.0	166.0

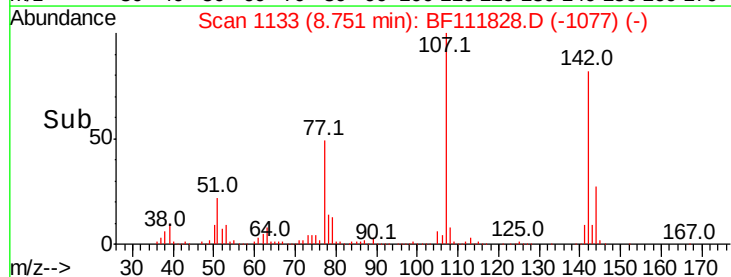
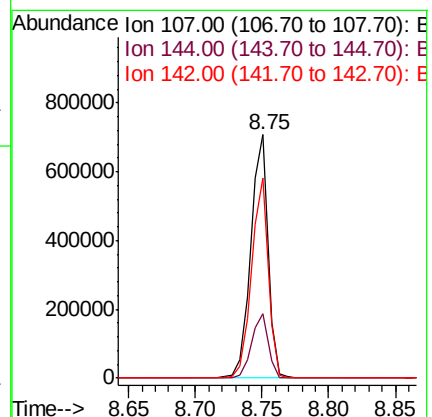
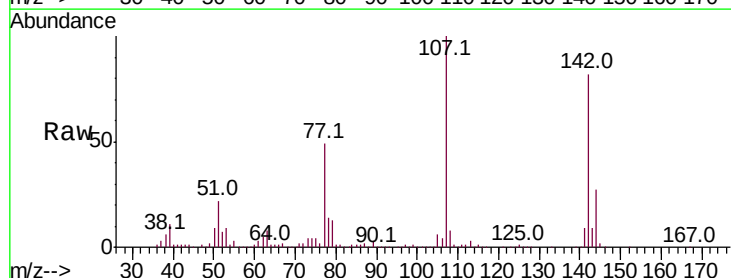
Manual Integrations
 APPROVED

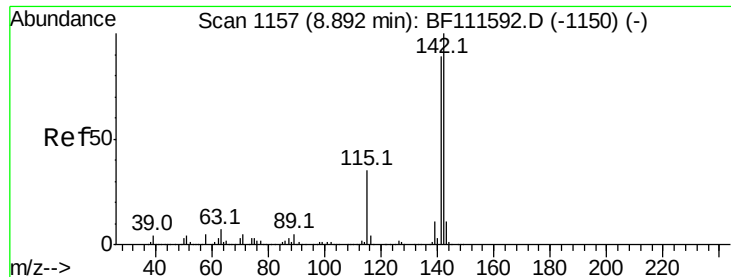
Sohil
 1/4/2019 9:56:41 AM



#36
 4-Chloro-3-methylphenol
 Concen: 38.478 ng/ml
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.03 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion:	107	Resp:	626675
Ion Ratio	Lower	Upper	
107	100		
144	26.6	19.8	29.6
142	82.0	62.3	93.5





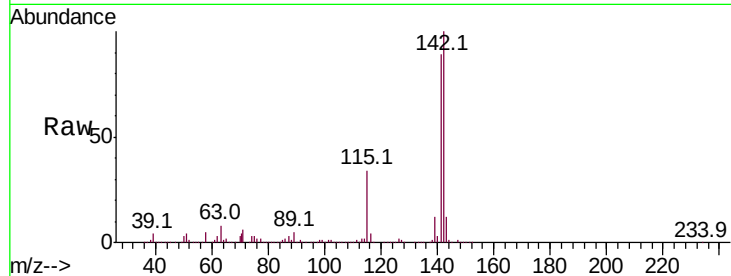
#37
2-Methylnaphthalene
Concen: 41.038 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	105.8
115	34.4	27.0	40.6

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM

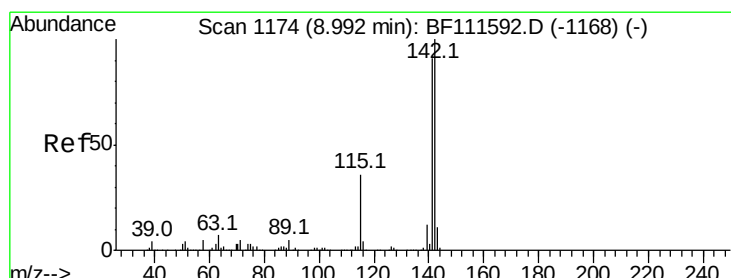
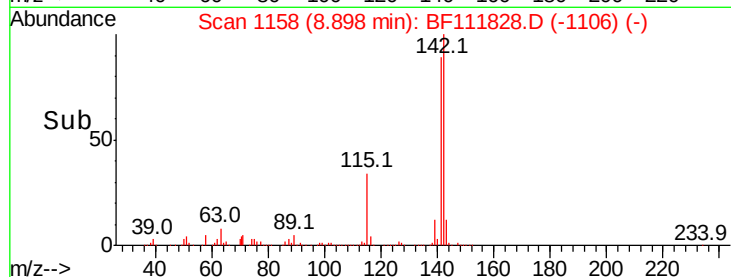
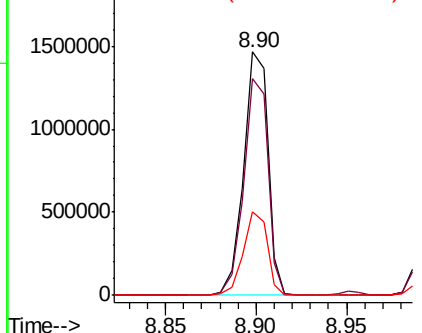


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.988 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

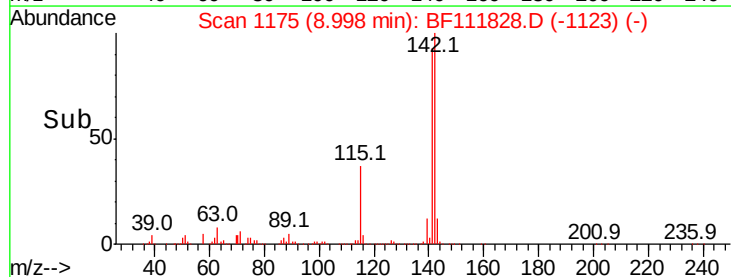
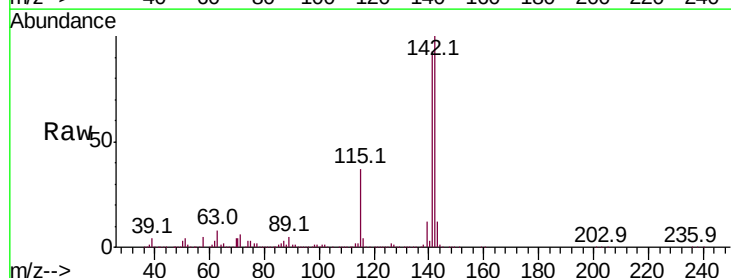
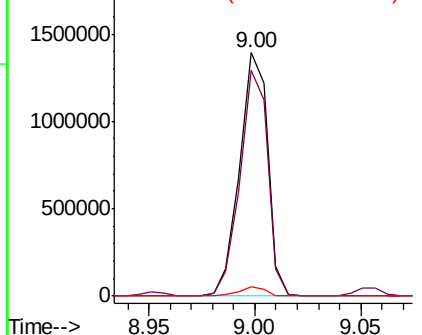
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.4
116	4.0	2.9	4.3

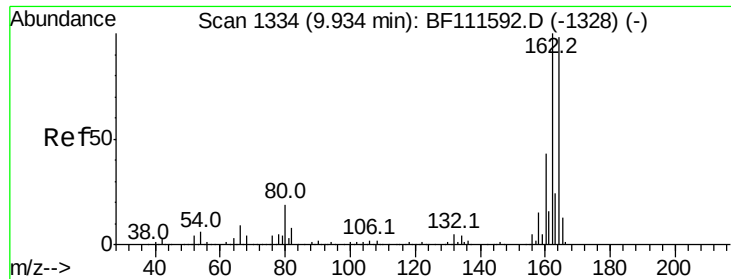
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





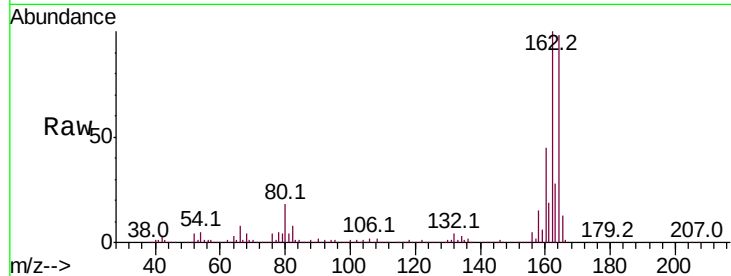
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.4	122.0	
160	45.8	35.7	53.5	

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM

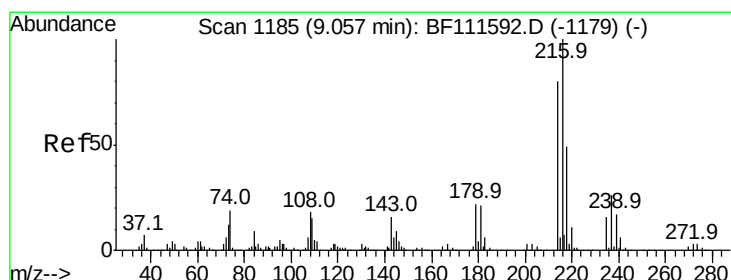
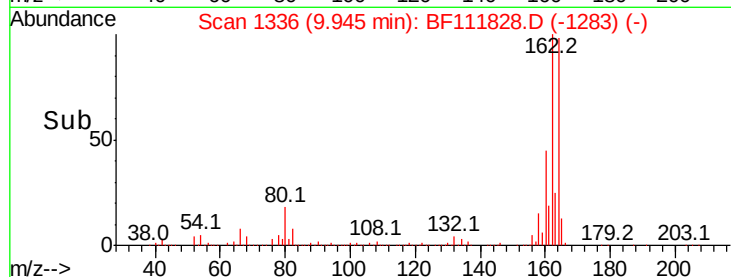
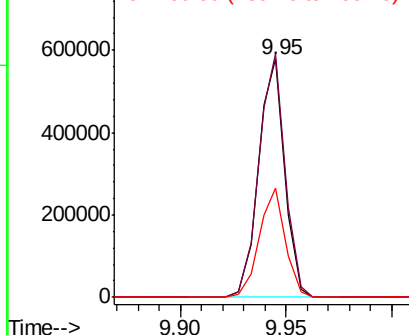


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.219 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.8	95.8	
179	21.0	17.9	26.9	
108	17.9	18.4	27.6	

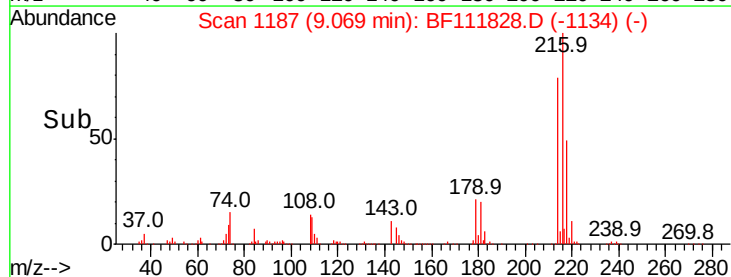
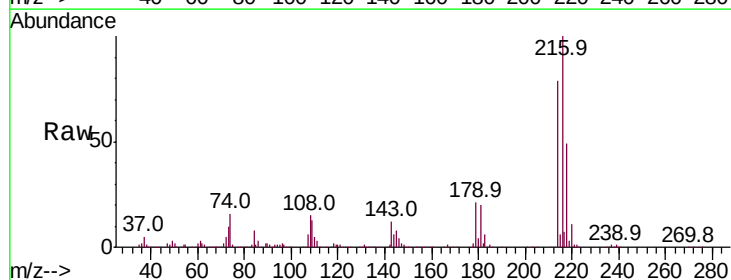
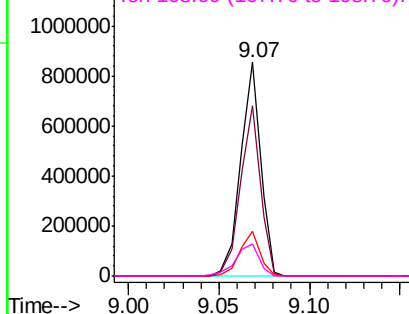
Abundance

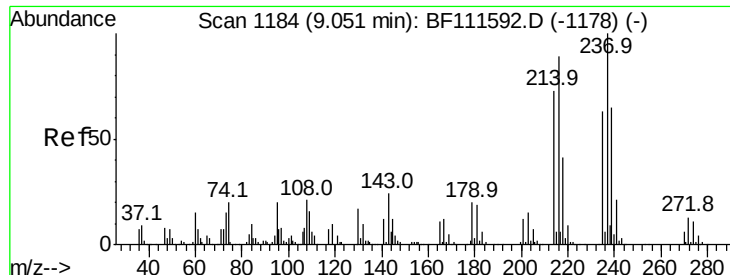
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.772 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

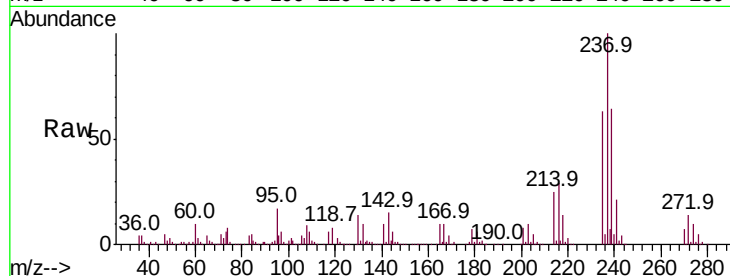
ClientSampled :

TP-5MS

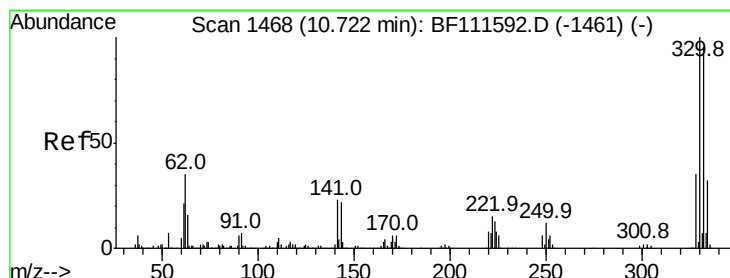
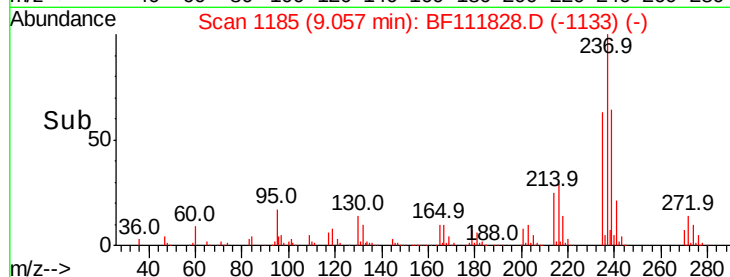
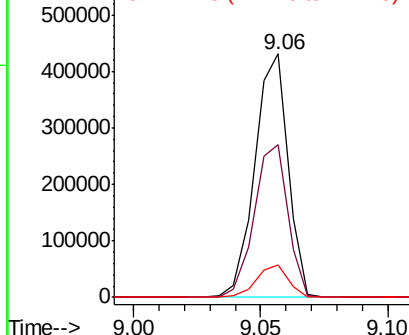
Tot Ion:	237	Resp:	395722
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.1	83.1
272	13.5	0.0	33.0

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



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



#42

2,4,6-Tribromophenol

Concen: 85.887 ng

RT: 10.74 min Scan# 1471

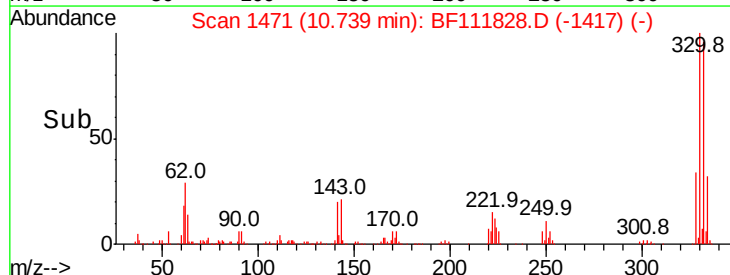
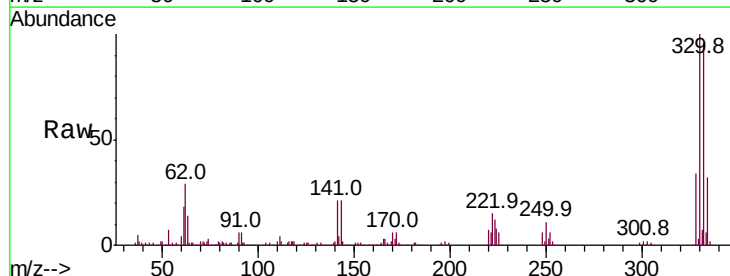
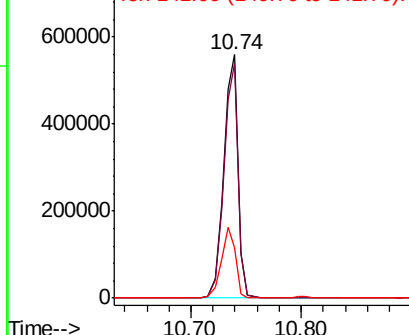
Delta R.T. 0.02 min

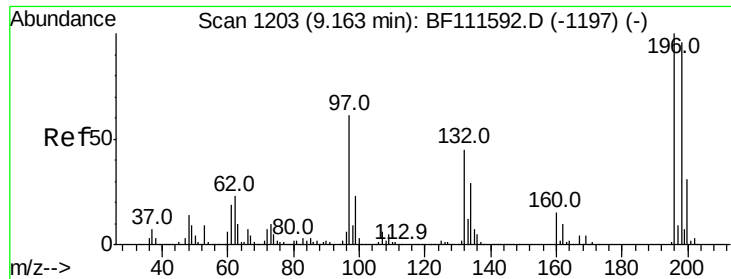
Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:	330	Resp:	506004
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.0	114.0
141	28.7	31.0	46.6#

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





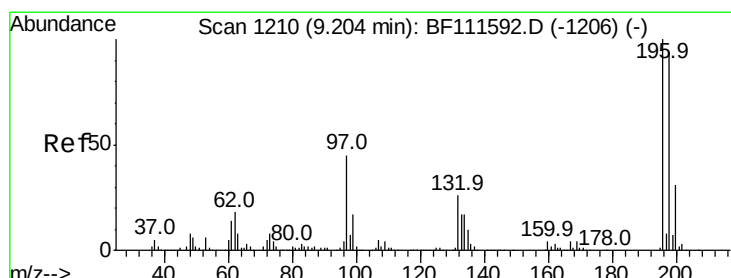
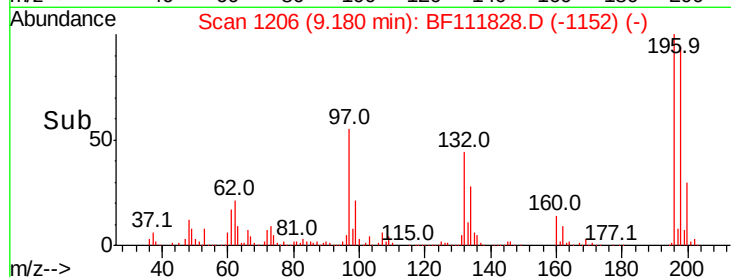
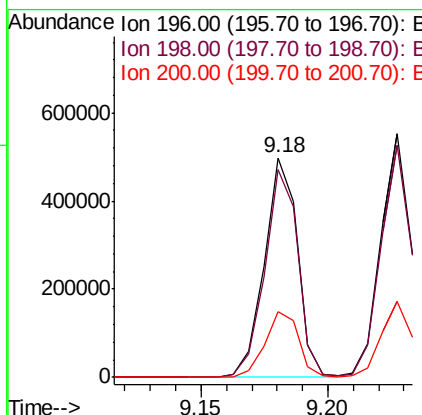
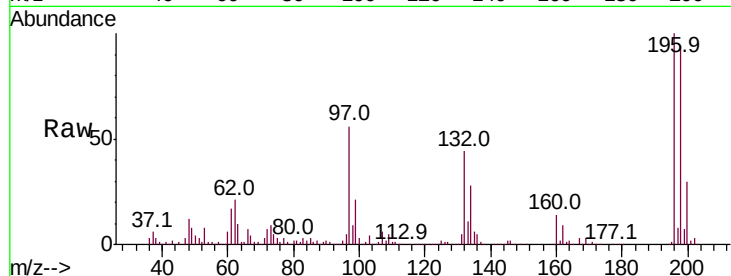
#43
 2,4,6-Trichlorophenol
 Concen: 41.900 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	458349		
198	94.3	76.3	114.5	
200	30.2	24.9	37.3	

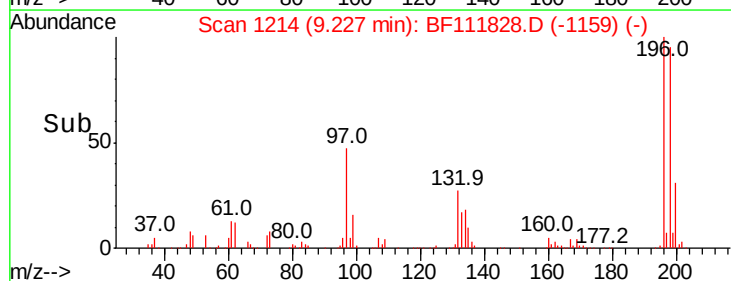
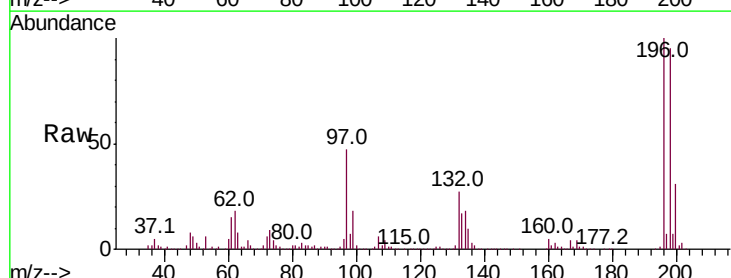
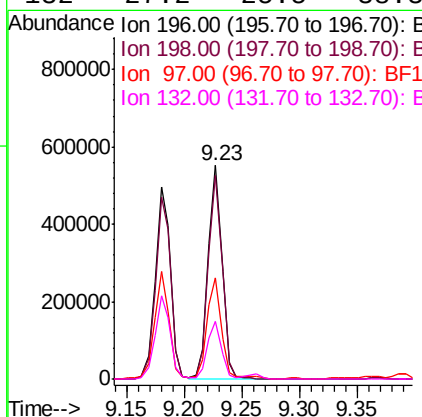
Manual Integrations
 APPROVED

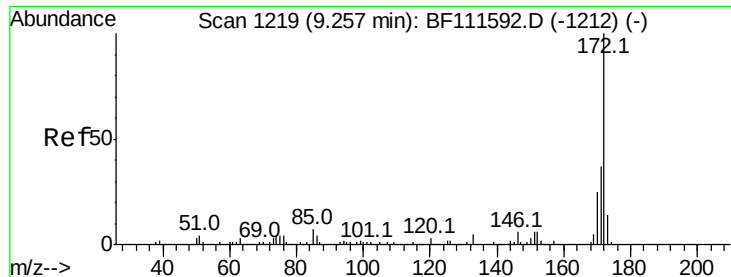
Sohil
 1/4/2019 9:56:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.839 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	469531		
198	95.4	72.9	109.3	
97	47.1	45.3	67.9	
132	27.2	25.5	38.3	





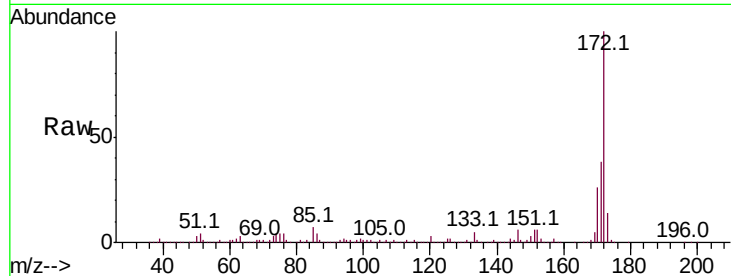
#45
2-Fluorobiphenyl
Concen: 75.878 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

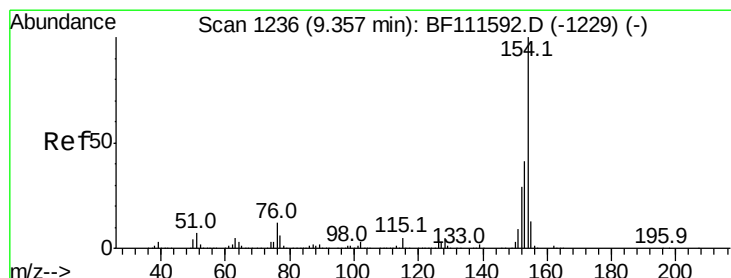
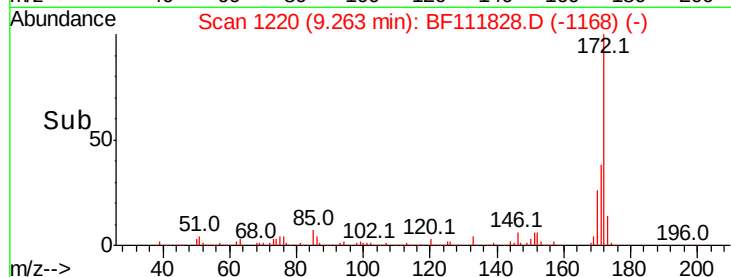
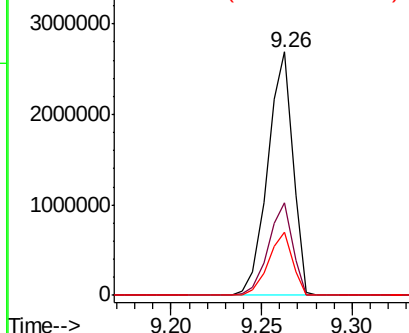
Tot Ion:172 Resp: 2595660
Ion Ratio Lower Upper
172 100
171 38.2 33.0 49.4
170 25.8 22.3 33.5

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM

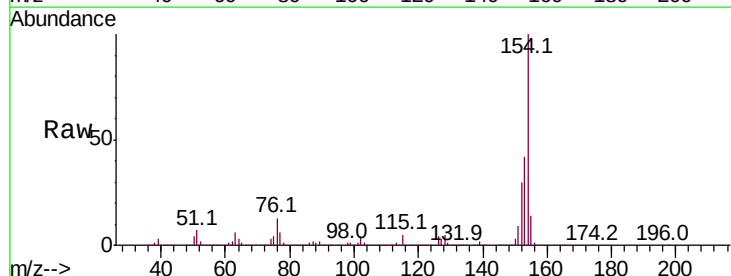


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

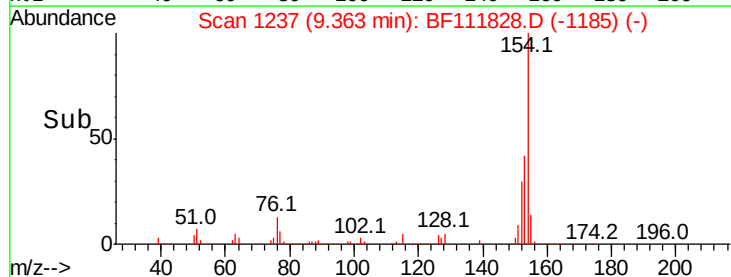
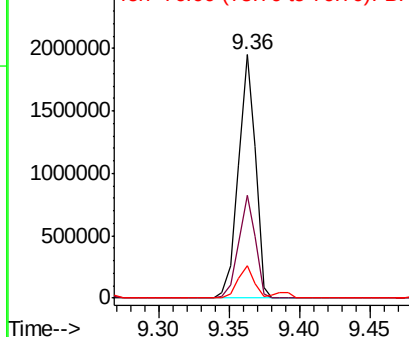


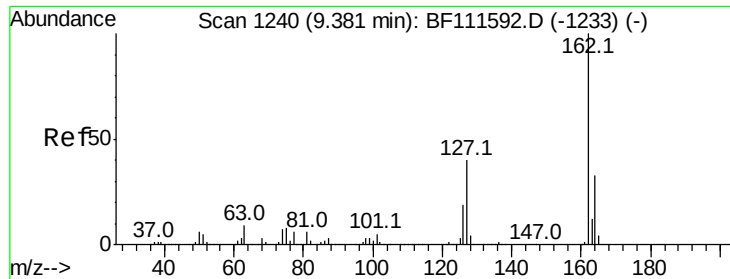
#46
1,1'-Biphenyl
Concen: 38.802 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:154 Resp: 1633217
Ion Ratio Lower Upper
154 100
153 42.3 23.7 63.7
76 13.1 0.0 35.0



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: 38.121 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

TP-5MS

Tot Ion:162 Resp: 1271258

Ion Ratio Lower Upper

162 100

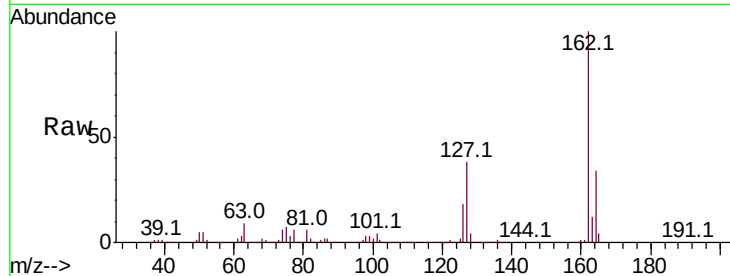
127 38.3 35.0 52.4

164 33.6 28.4 42.6

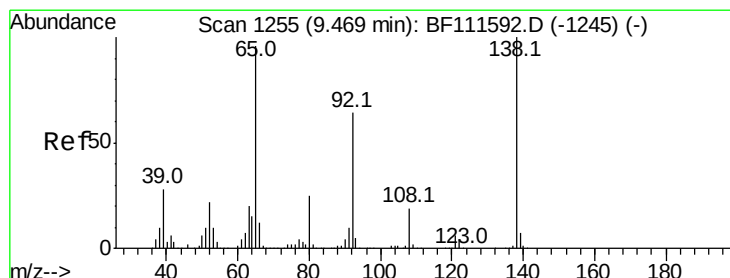
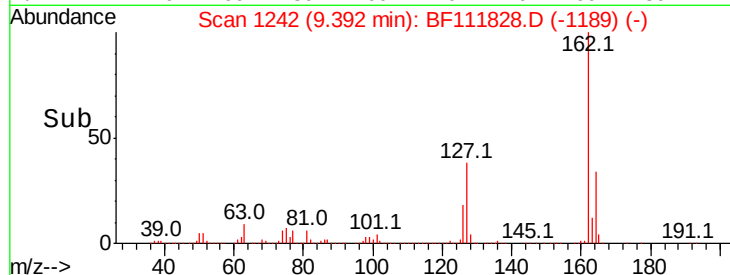
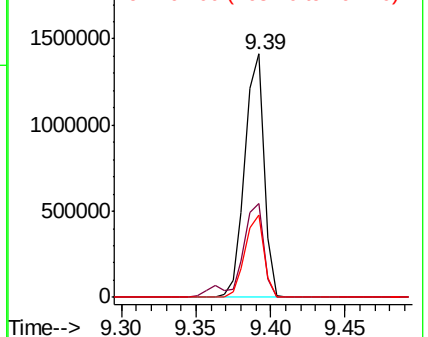
Manual Integrations
APPROVED

Sohil

1/4/2019 9:56:41 AM



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



#48

2-Nitroaniline

Concen: 47.028 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

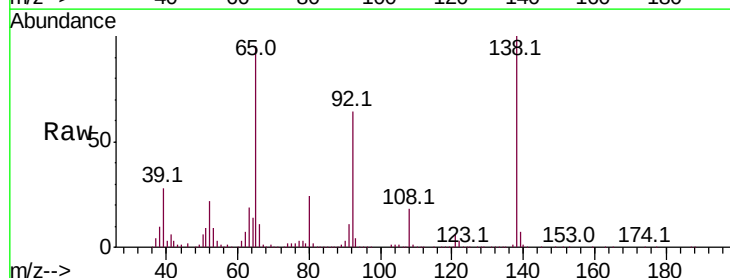
Tgt Ion: 65 Resp: 407989

Ion Ratio Lower Upper

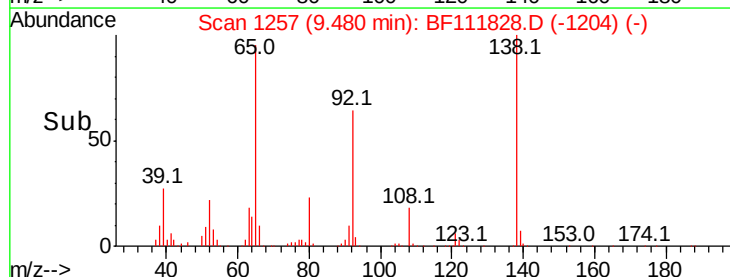
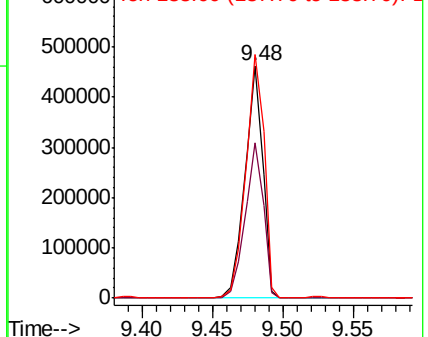
65 100

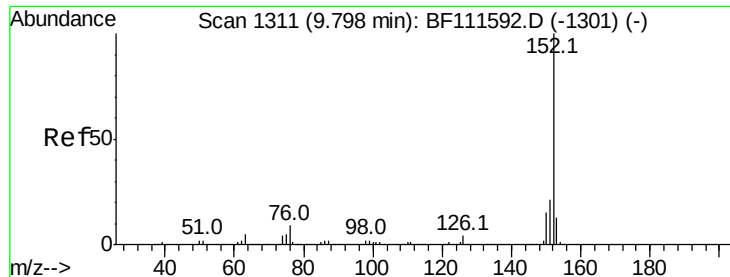
92 67.0 53.5 80.3

138 104.8 80.9 121.3



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





#49

Acenaphthylene

Concen: 39.983 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion:152 Resp: 1946784

Ion Ratio Lower Upper

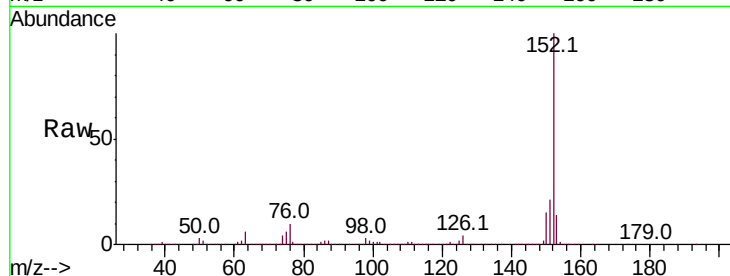
152 100

151 20.9 18.0 27.0

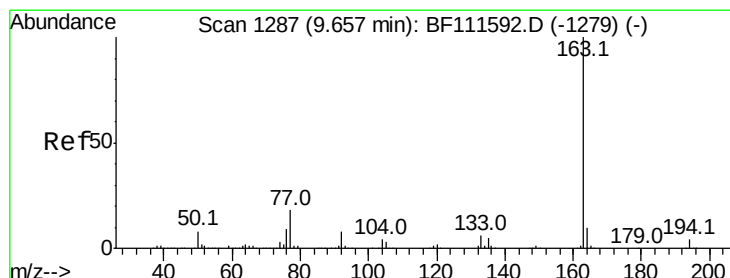
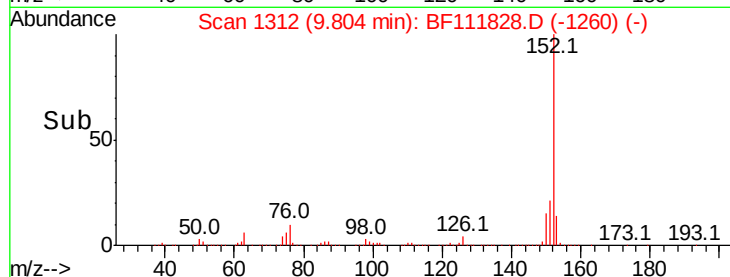
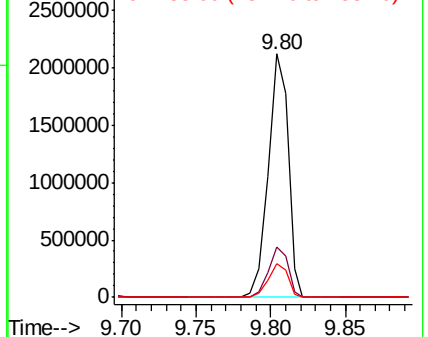
153 13.8 12.3 18.5

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



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



#50

Dimethylphthalate

Concen: 50.336 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

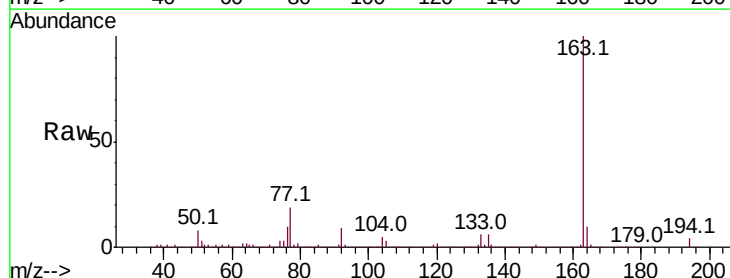
Tgt Ion:163 Resp: 1835364

Ion Ratio Lower Upper

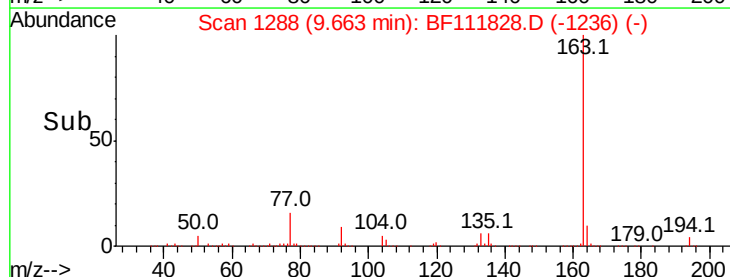
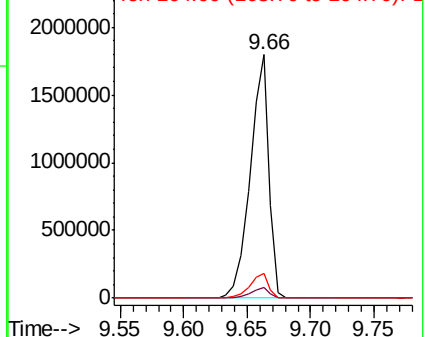
163 100

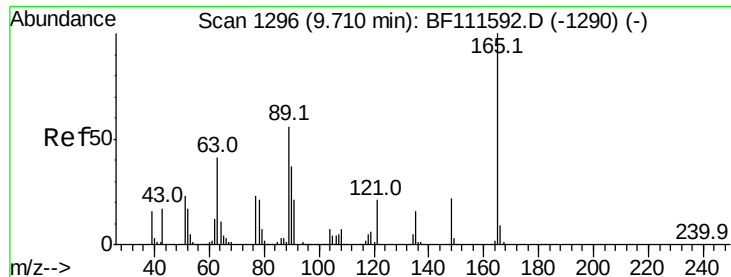
194 4.4 3.0 4.6

164 10.4 8.9 13.3



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





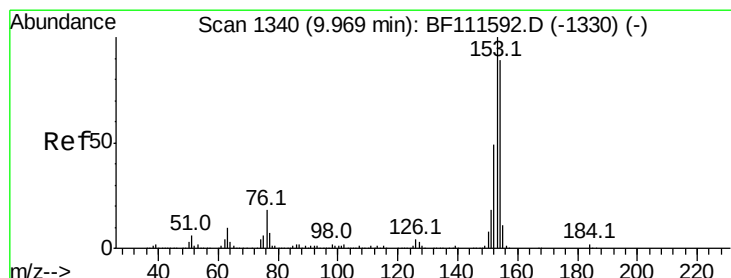
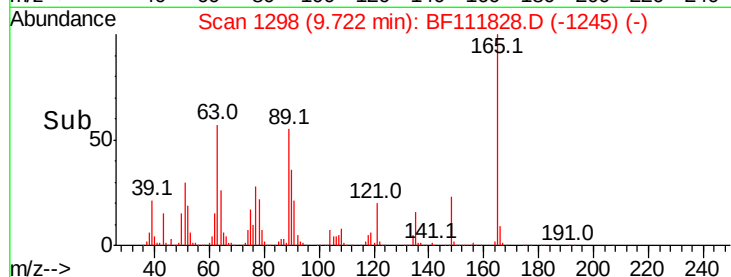
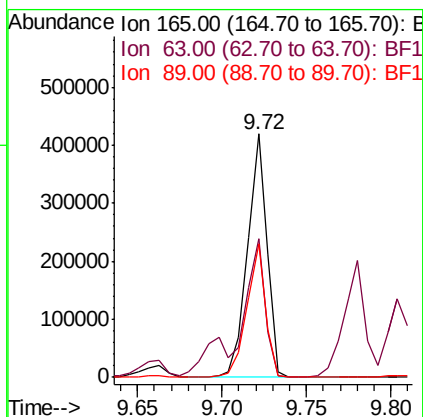
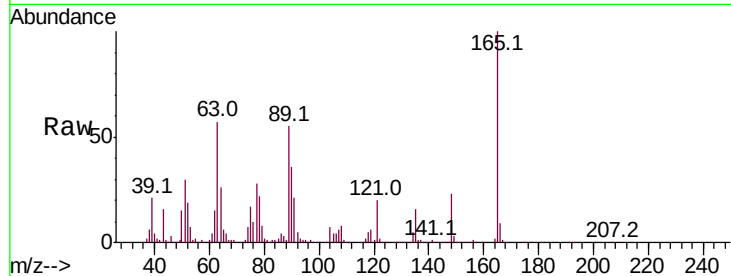
#51
2,6-Dinitrotoluene
Concen: 46.839 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	340541		
63	57.2	40.5	60.7	
89	54.6	40.0	60.0	

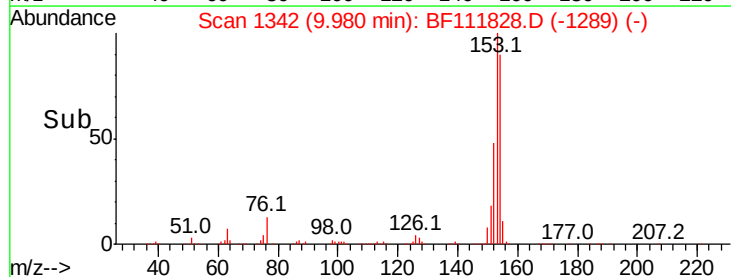
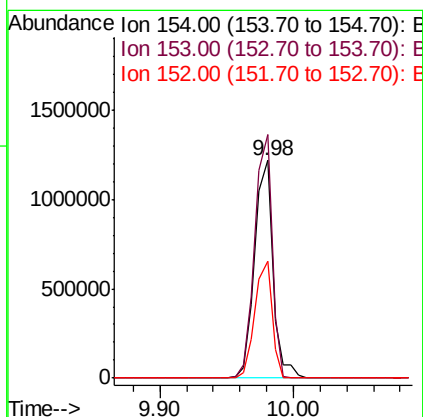
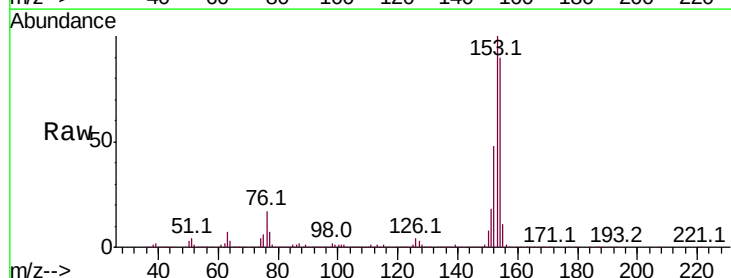
Manual Integrations
APPROVED

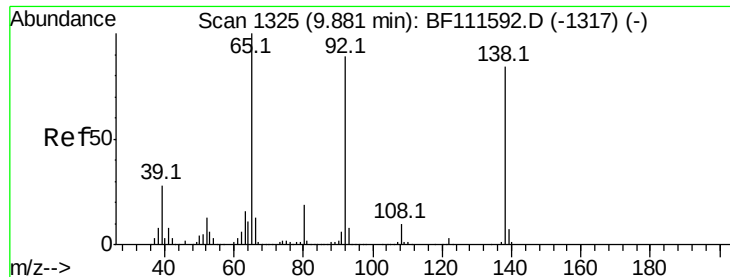
Sohil
1/4/2019 9:56:41 AM



#52
Acenaphthene
Concen: 38.237 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1148273		
153	111.7	87.8	131.8	
152	53.5	43.4	65.2	





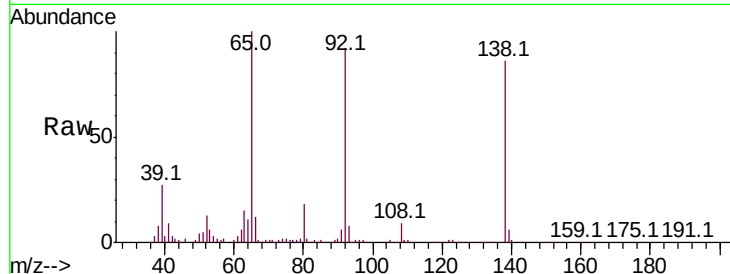
#53
3-Nitroaniline
Concen: 28.020 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	217270		
108	10.1	8.2	12.4	
92	108.0	93.4	140.2	

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM

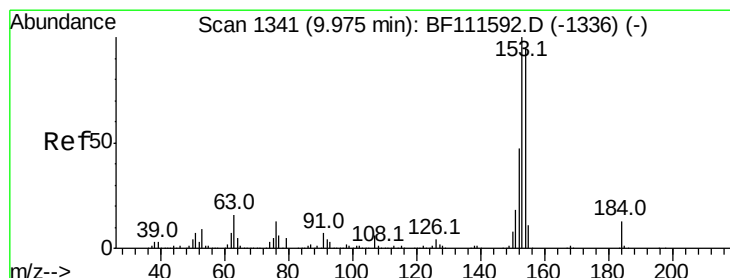
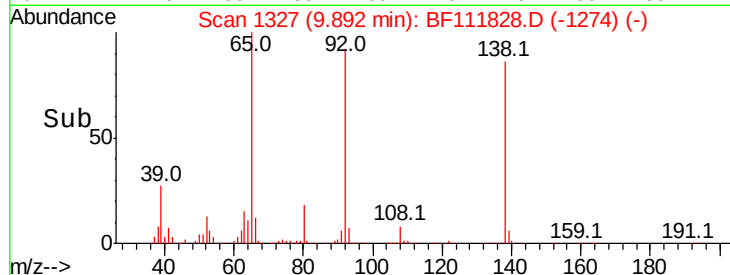
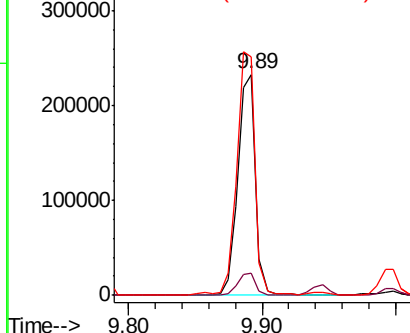


Abundance

Ion 138.00 (137.70 to 138.70): E

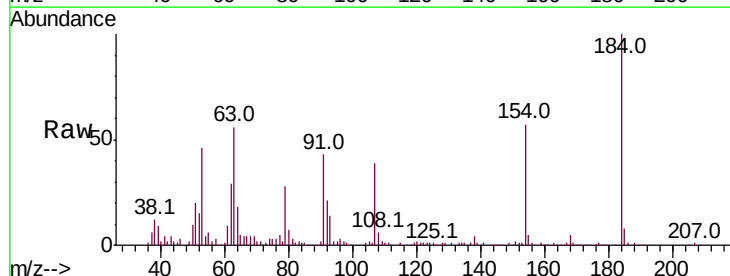
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 51.073 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	112383		
63	56.5	62.3	93.5#	
154	57.2	56.2	84.2	

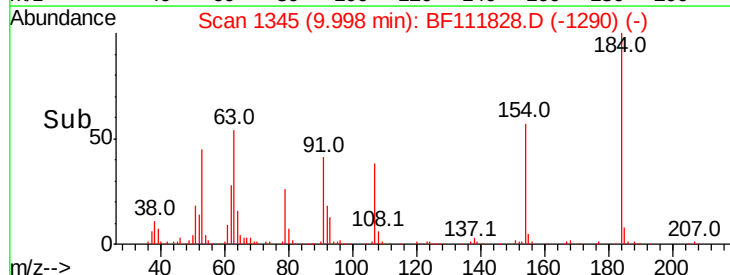
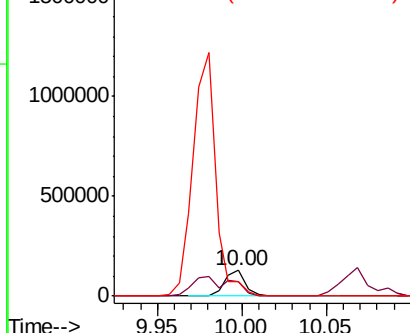


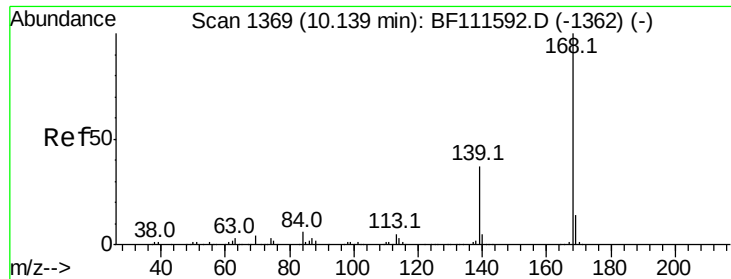
Abundance

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





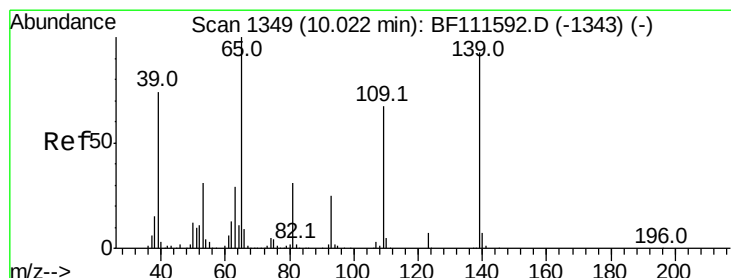
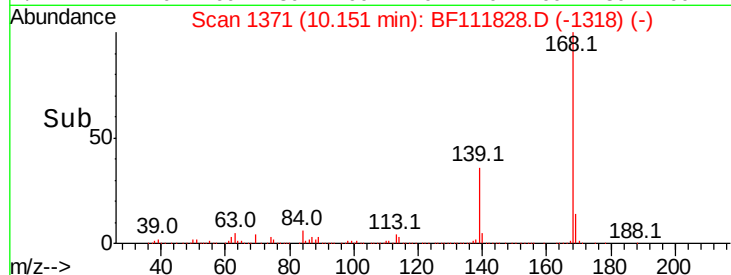
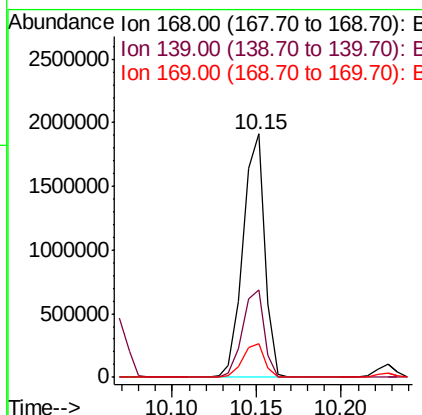
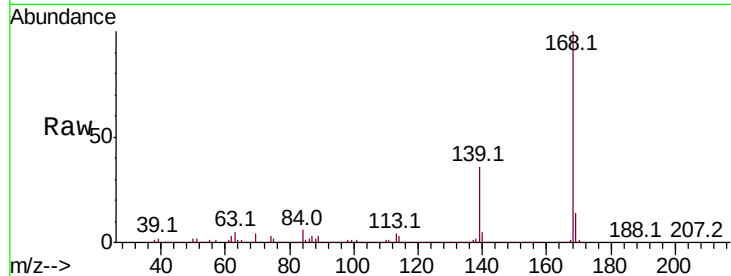
#55
Dibenzofuran
Concen: 37.832 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion:168 Resp: 1716397
Ion Ratio Lower Upper
168 100
139 36.2 32.6 49.0
169 13.9 11.8 17.6

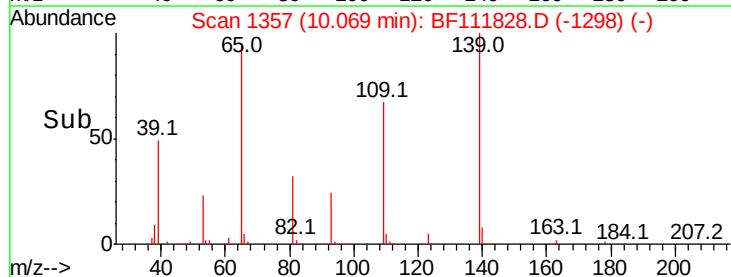
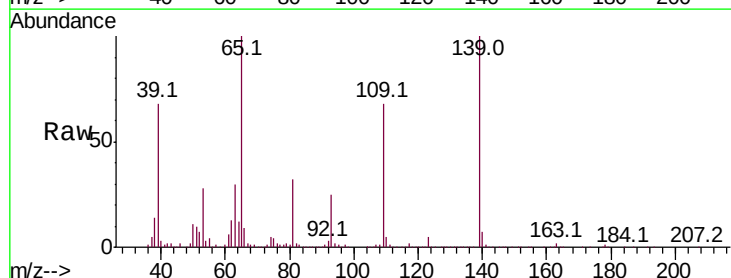
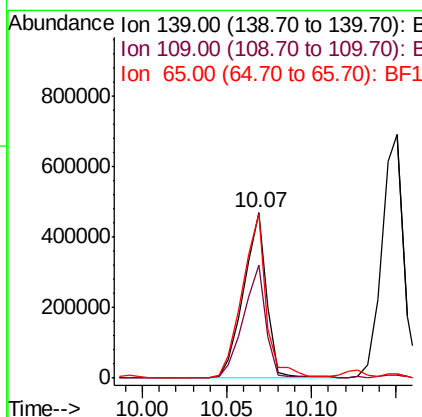
Manual Integrations
APPROVED

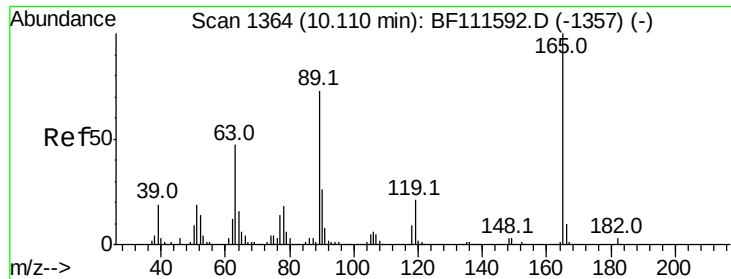
Sohil
1/4/2019 9:56:41 AM



#56
4-Nitrophenol
Concen: 75.713 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion:139 Resp: 448031
Ion Ratio Lower Upper
139 100
109 68.1 41.8 81.8
65 99.8 79.6 119.6





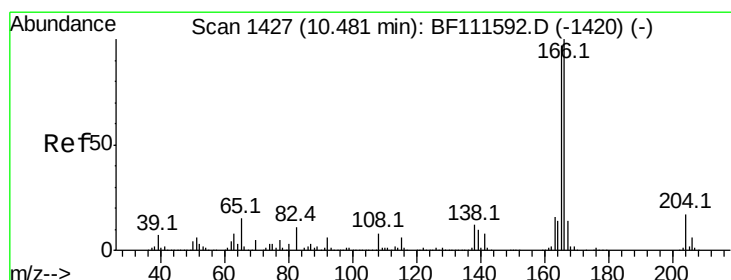
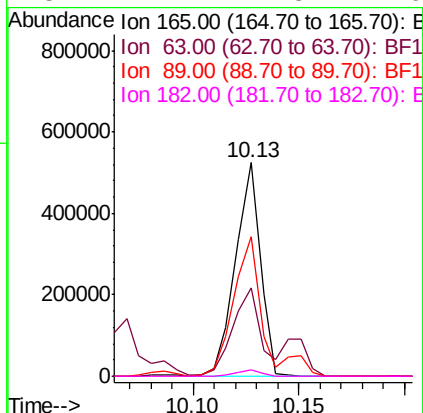
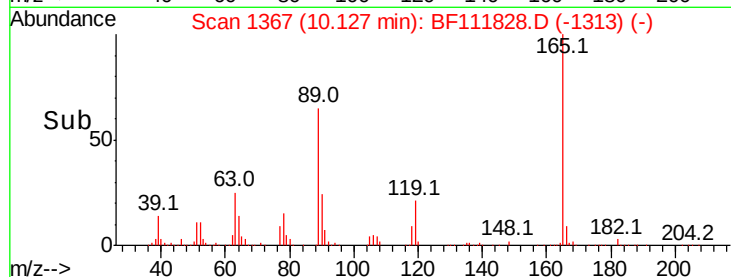
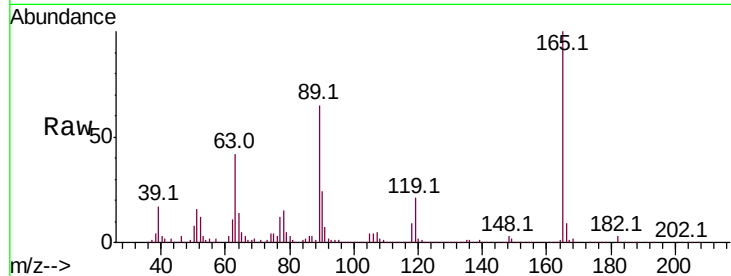
#57
2,4-Dinitrotoluene
Concen: 48.935 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	427608		
63	41.5	34.6	52.0	
89	65.4	56.2	84.4	
182	2.7	1.8	2.6	

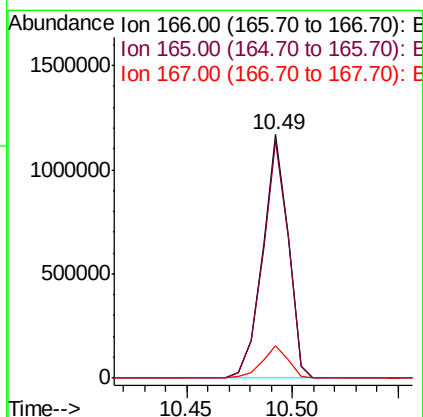
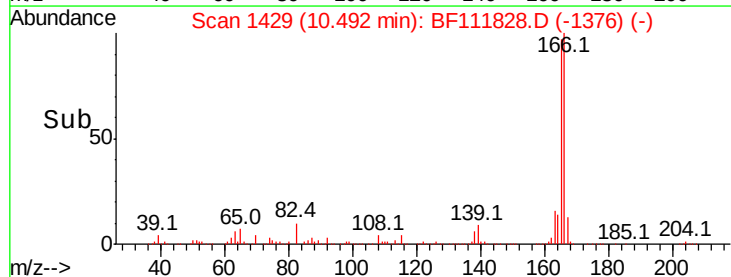
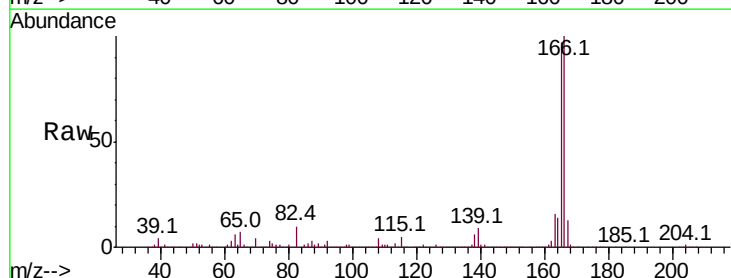
Manual Integrations
APPROVED

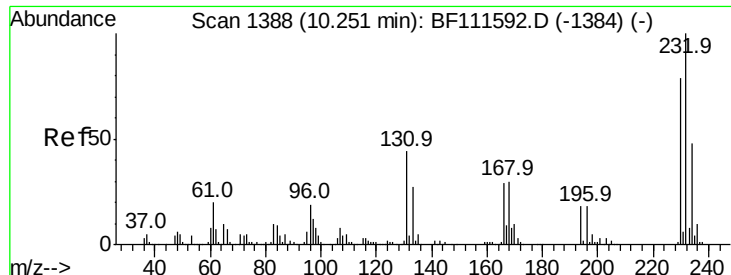
Sohil
1/4/2019 9:56:41 AM



#58
Fluorene
Concen: 29.876 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	976710		
165	97.5	78.4	117.6	
167	13.3	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.896 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

TP-5MS

Tot Ion:232 Resp: 348454
Ion Ratio Lower Upper

232 100

131 40.0 40.9 61.3#

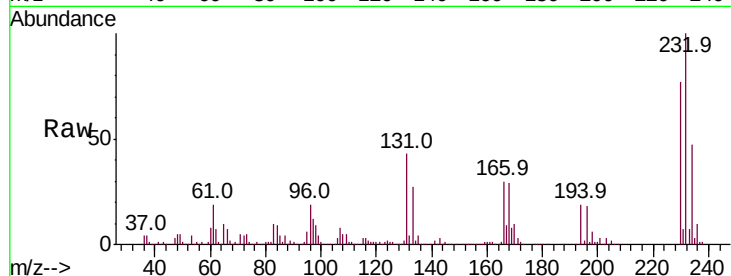
130 2.5 2.0 3.0

166 28.5 26.8 40.2

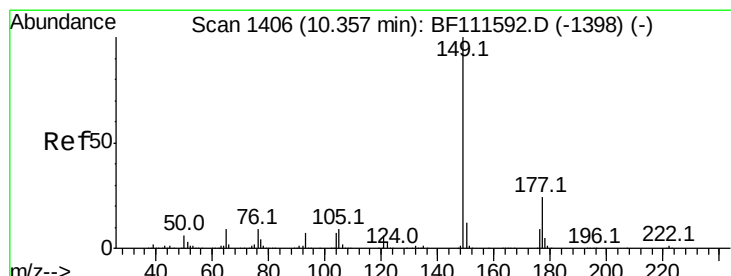
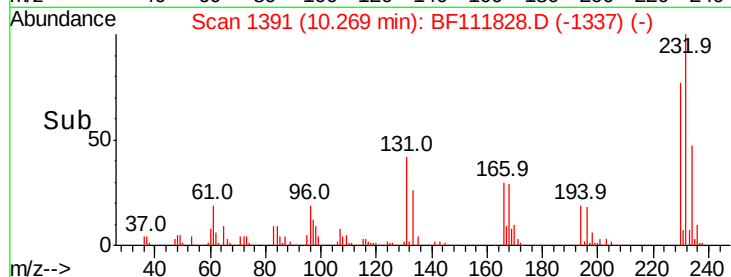
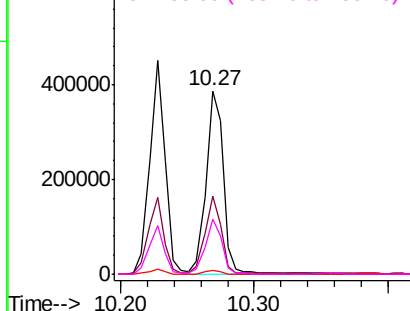
Manual Integrations
APPROVED

Sohil

1/4/2019 9:56:41 AM



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.551 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF111828.D

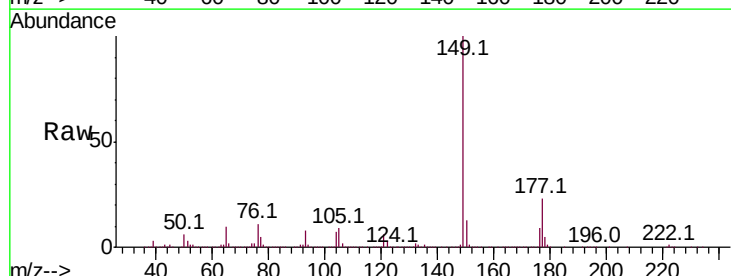
Acq: 3 Jan 2019 18:33

Tgt Ion:149 Resp: 1343096
Ion Ratio Lower Upper

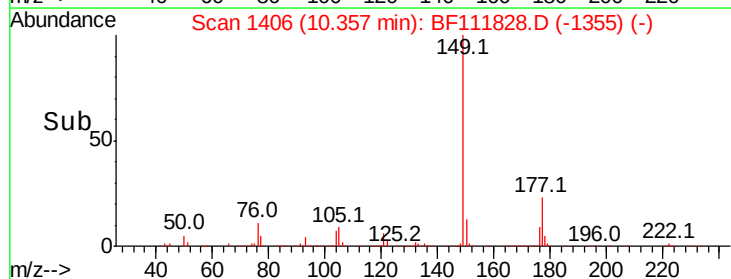
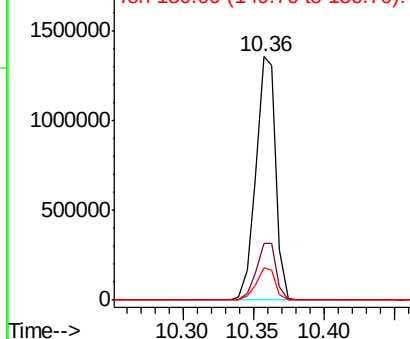
149 100

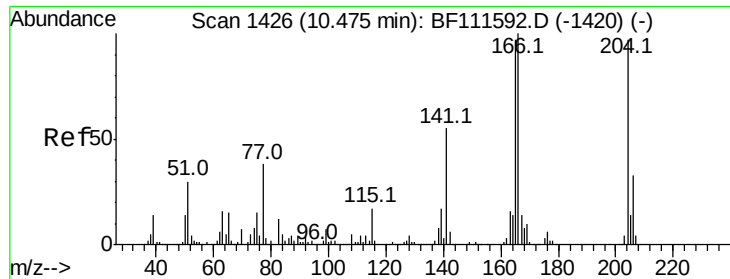
177 23.4 18.3 27.5

150 13.2 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





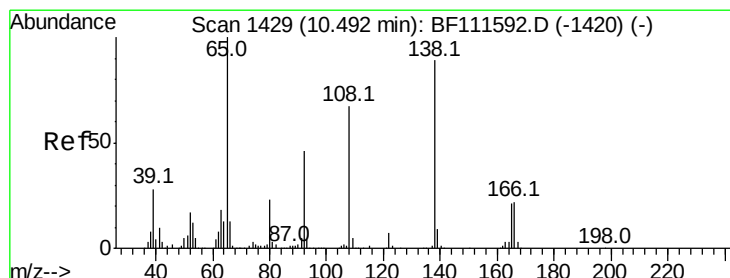
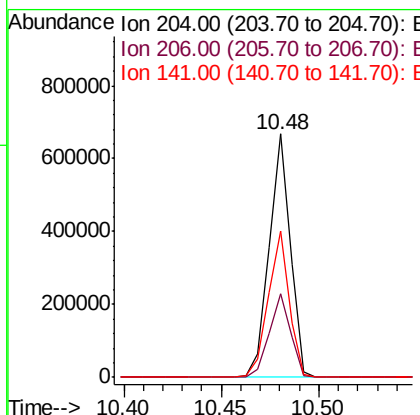
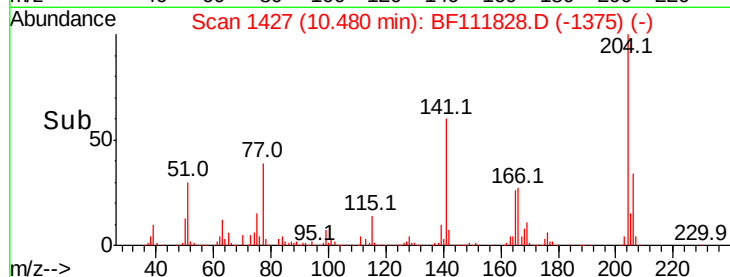
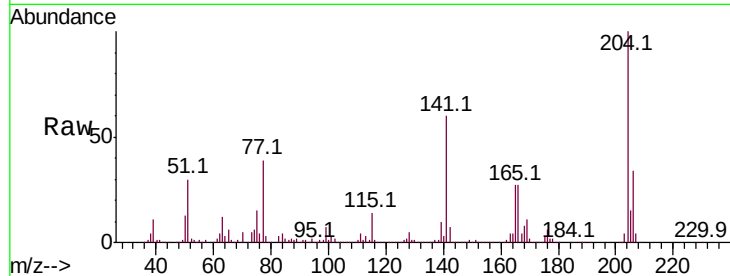
#61
4-Chlorophenyl-phenylether
Concen: 27.784 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.6	39.8
141	60.1	52.6	78.8

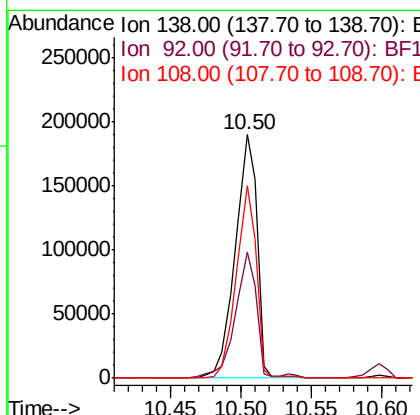
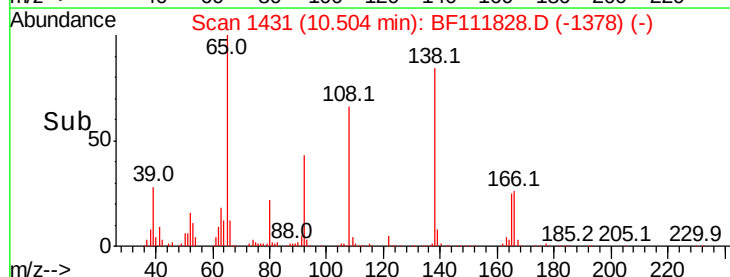
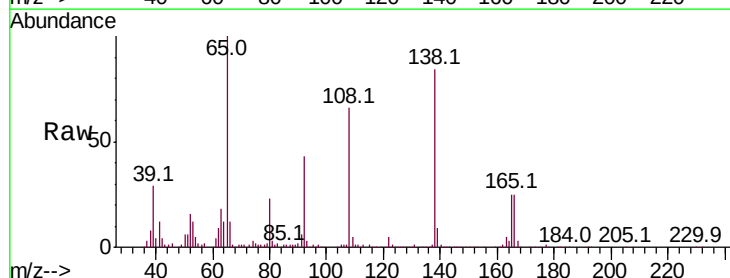
Manual Integrations
APPROVED

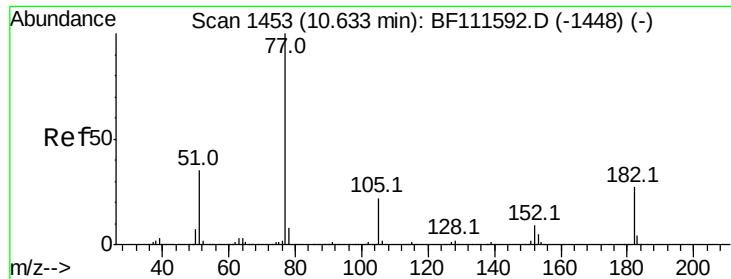
Sohil
1/4/2019 9:56:41 AM



#62
4-Nitroaniline
Concen: 27.225 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	29.9	69.9
108	78.8	43.2	83.2





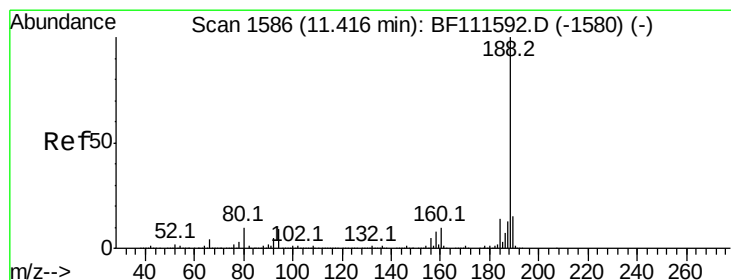
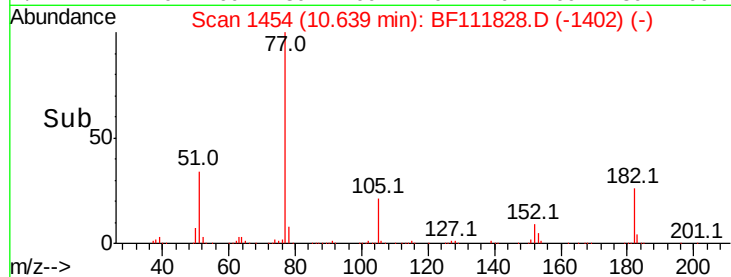
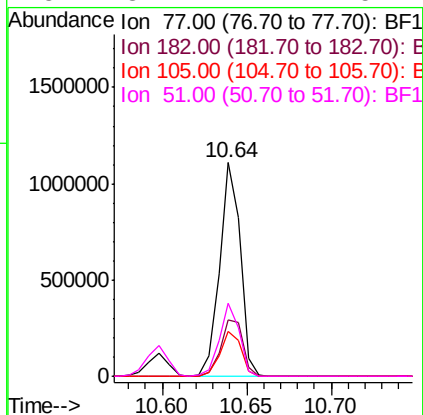
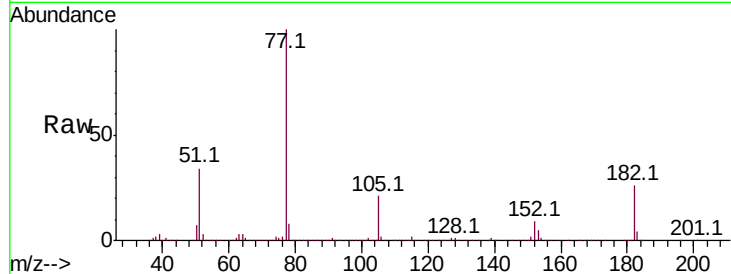
#63
Azobenzene
Concen: 26.347 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.2	4.9	44.9		
105	21.3	6.0	46.0		
51	34.4	14.7	54.7		

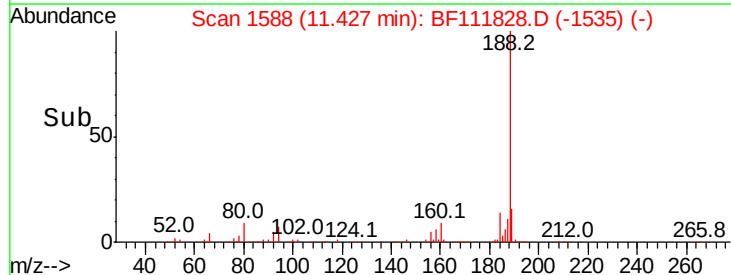
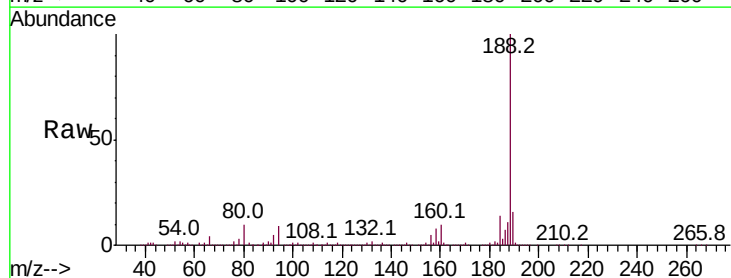
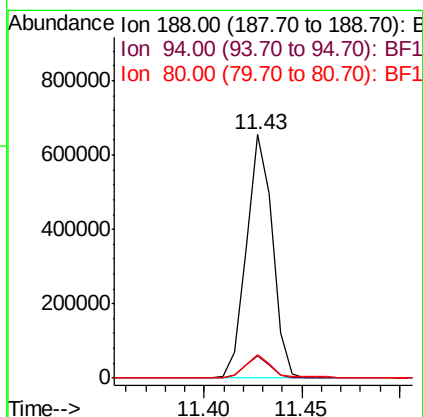
Manual Integrations
APPROVED

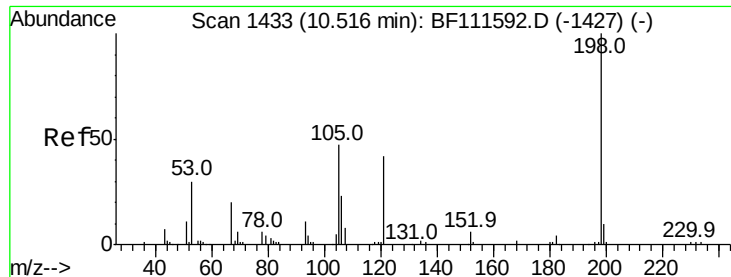
Sohil
1/4/2019 9:56:41 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	9.6	14.4#		
80	9.6	9.8	14.6#		





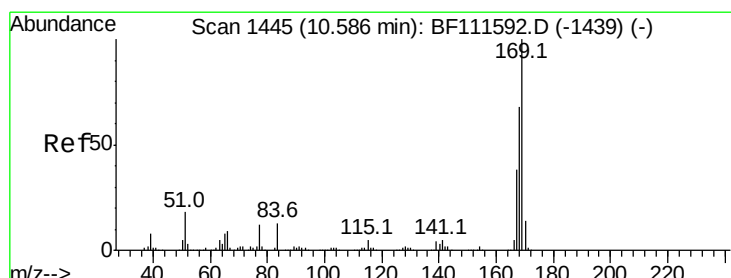
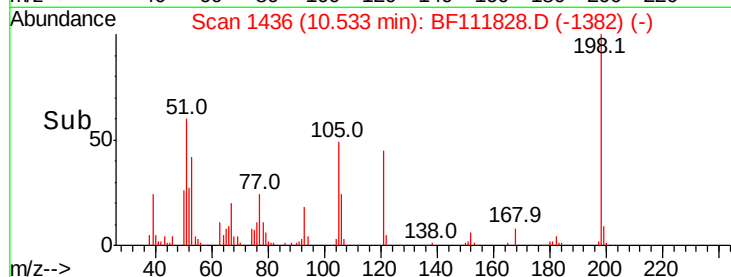
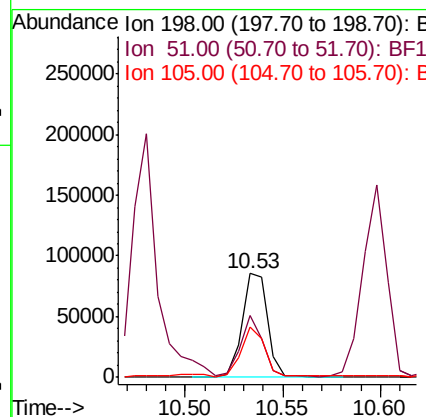
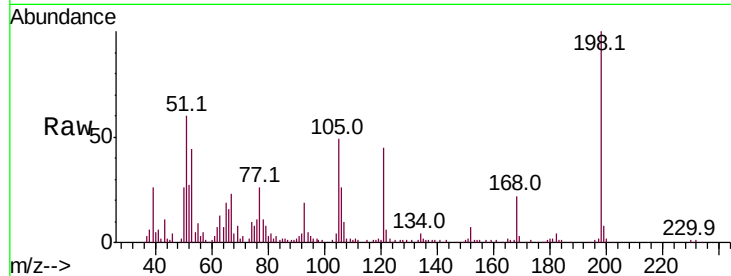
#65
4,6-Dinitro-2-methylphenol
Concen: 33.410 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	59.7	48.0	88.0
105	49.0	34.0	74.0

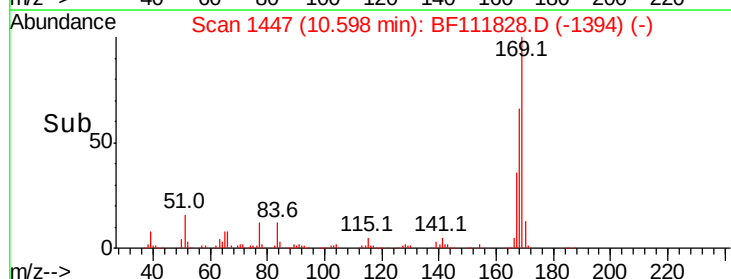
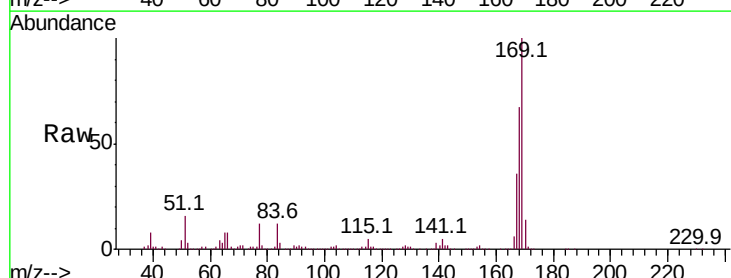
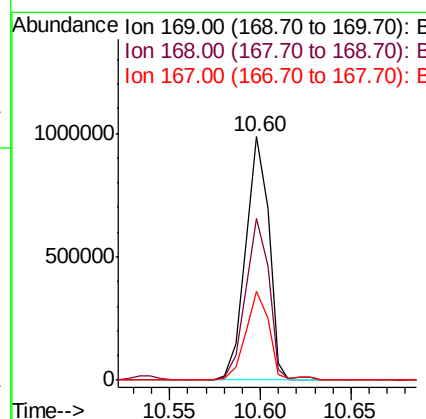
Manual Integrations
APPROVED

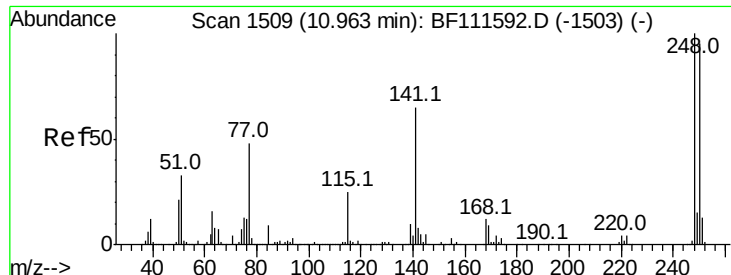
Sohil
1/4/2019 9:56:41 AM



#66
n-Nitrosodiphenylamine
Concen: 43.397 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.4	81.6
167	36.4	30.5	45.7





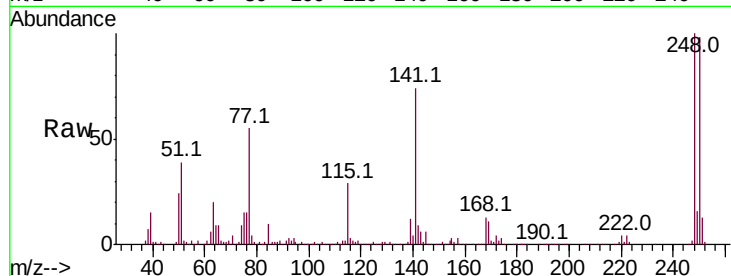
#67
 4-Bromophenyl-phenylether
 Concen: 41.627 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.0	115.4
141	73.8	63.0	94.6

Manual Integrations
 APPROVED

Sohil
 1/4/2019 9:56:41 AM

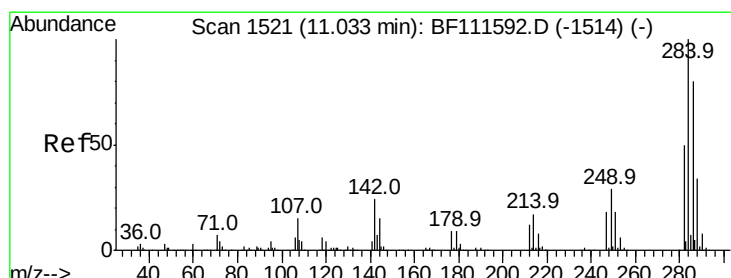
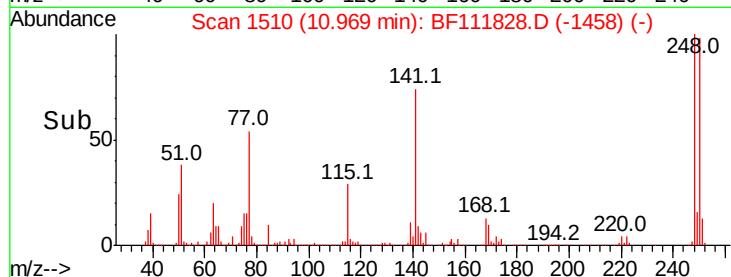
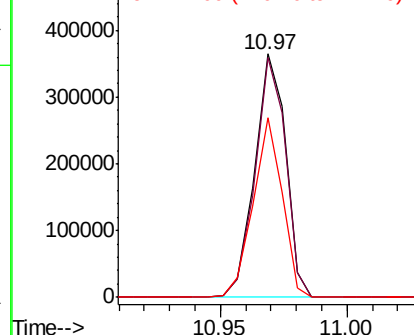


Abundance

Ion 248.00 (247.70 to 248.70): E

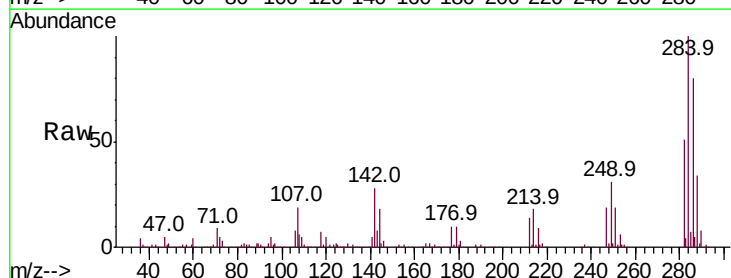
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.835 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	27.4	41.2
249	31.1	24.4	36.6

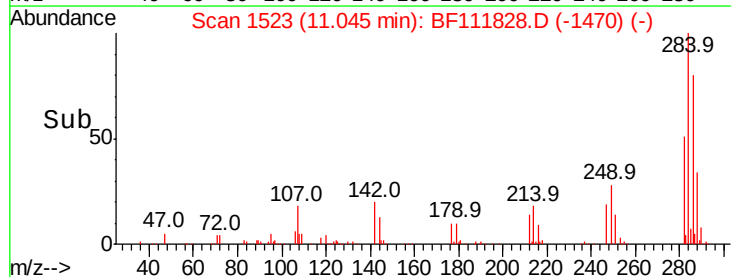
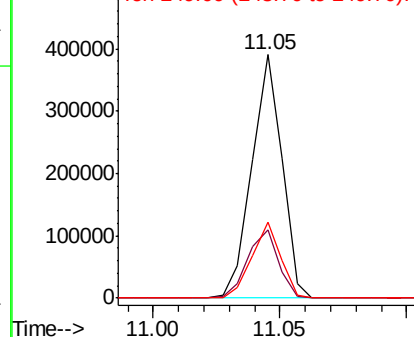


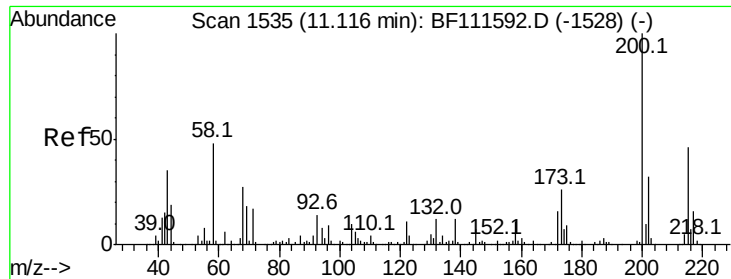
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





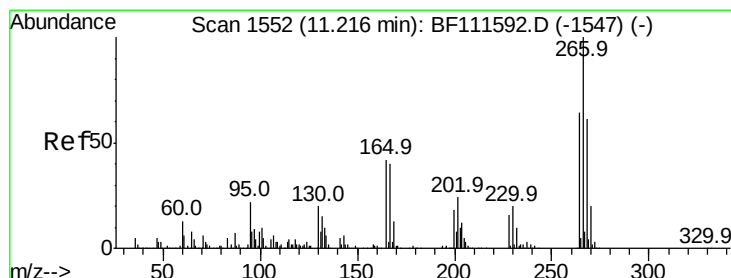
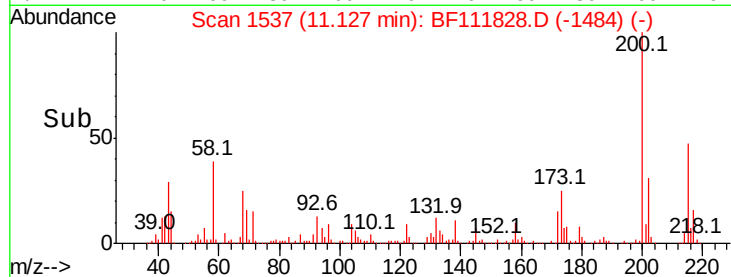
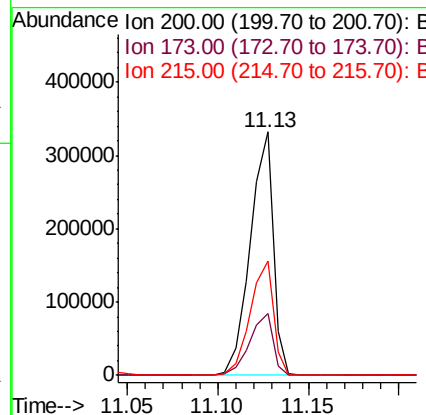
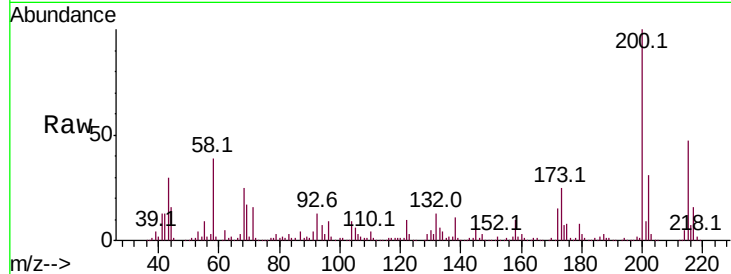
#69
Atrazine
Concen: 41.744 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampled :
TP-5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.4	10.1	50.1
215	46.8	26.9	66.9

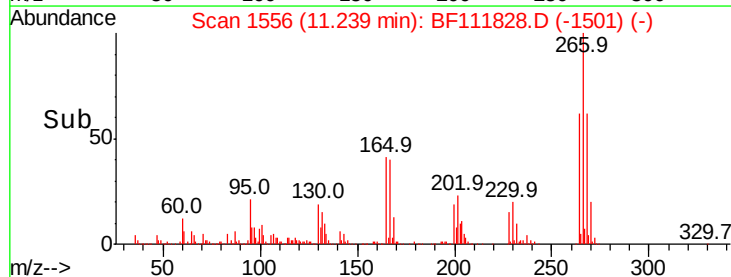
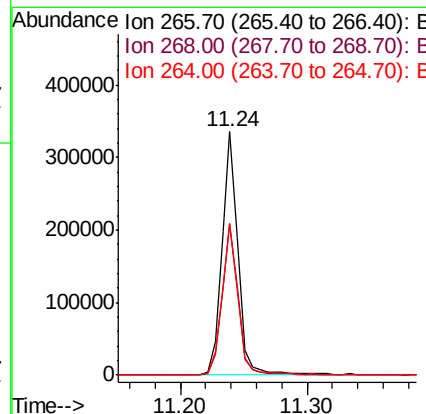
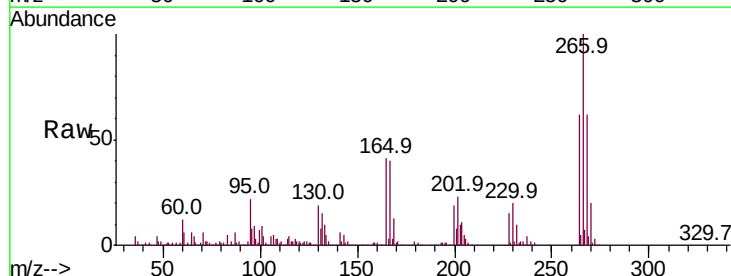
Manual Integrations
APPROVED

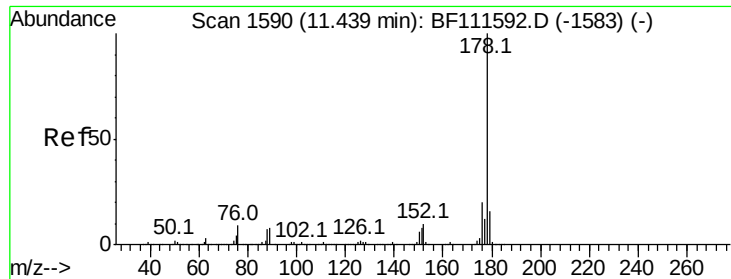
Sohil
1/4/2019 9:56:41 AM



#70
Pentachlorophenol
Concen: 58.483 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.0	47.9	71.9
264	62.0	49.1	73.7





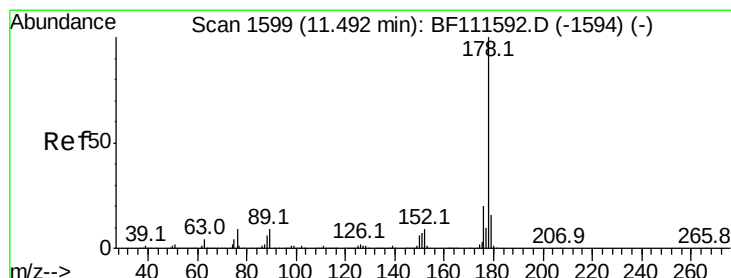
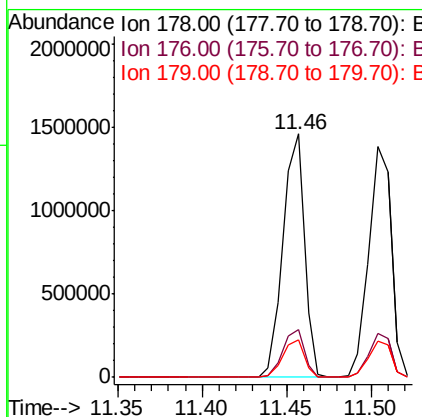
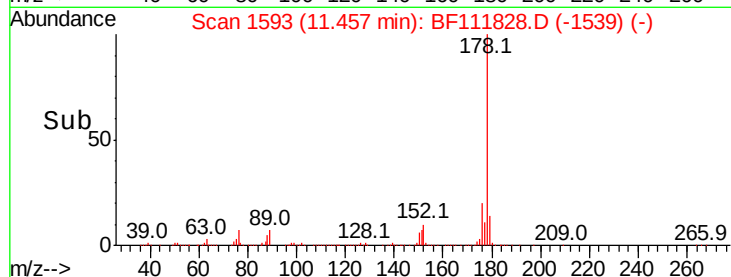
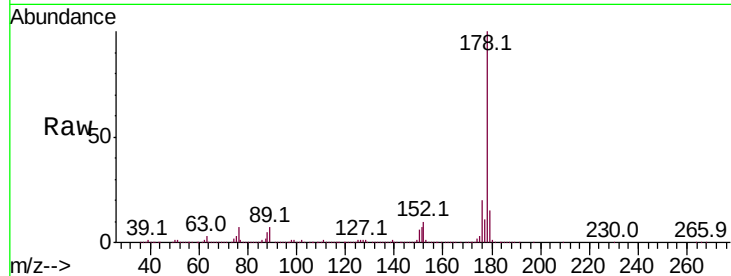
#71
Phenanthrene
Concen: 39.940 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.1	27.1
179	15.3	14.0	21.0

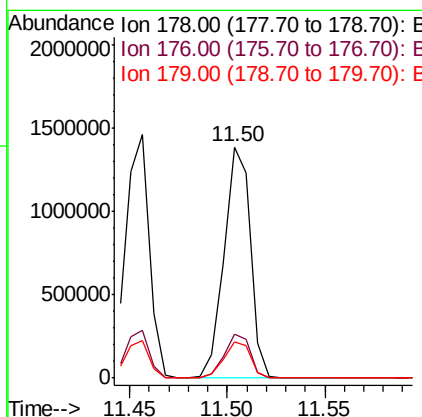
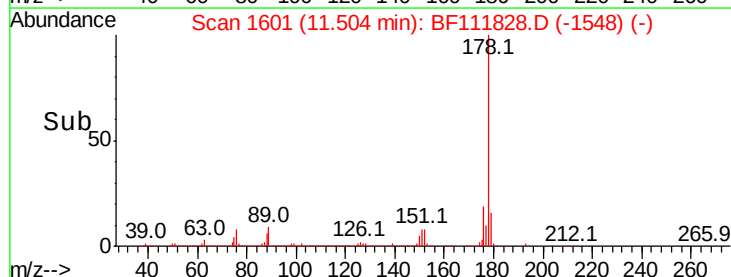
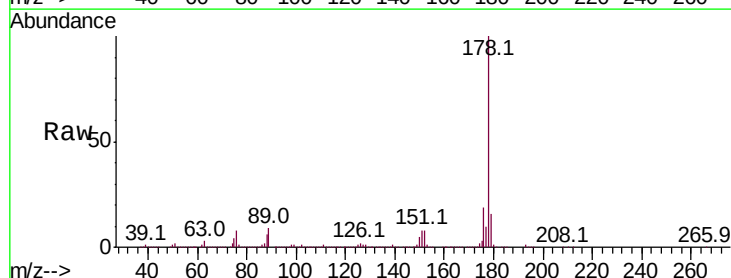
Manual Integrations
APPROVED

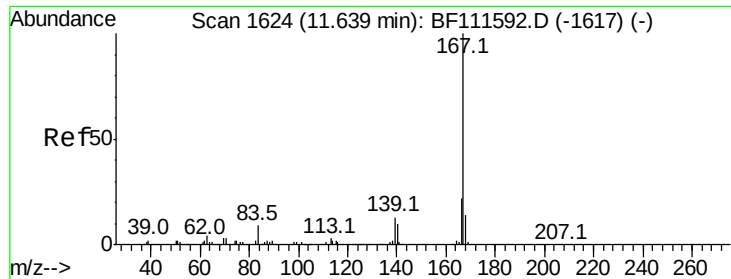
Sohil
1/4/2019 9:56:41 AM



#72
Anthracene
Concen: 40.322 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.2	25.8
179	15.8	13.8	20.8





#73

Carbazole

Concen: 34.725 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion:167 Resp: 1083531

Ion Ratio Lower Upper

167 100

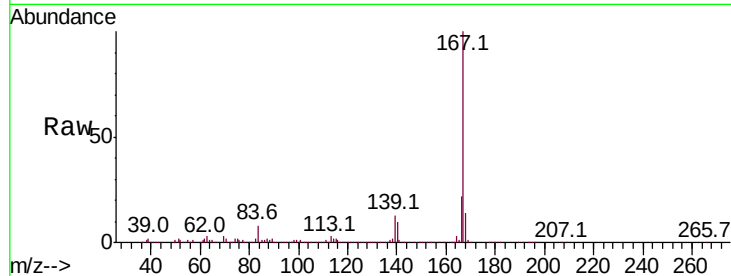
166 21.8 19.3 28.9

139 13.1 11.9 17.9

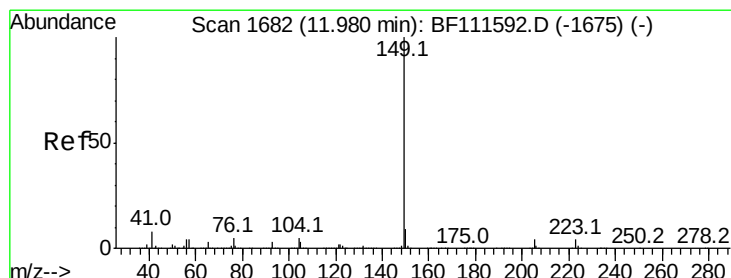
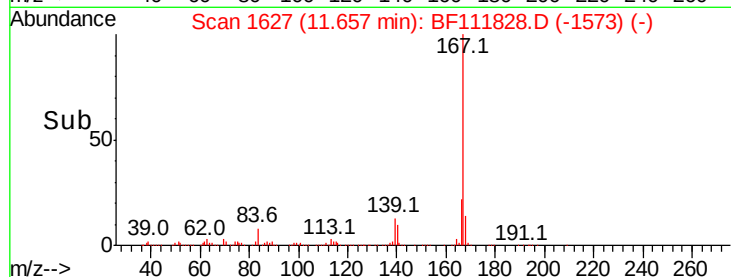
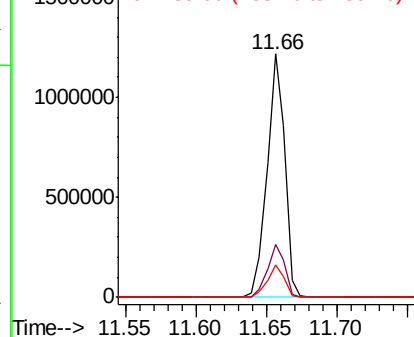
Manual Integrations
APPROVED

Sohil

1/4/2019 9:56:41 AM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.387 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

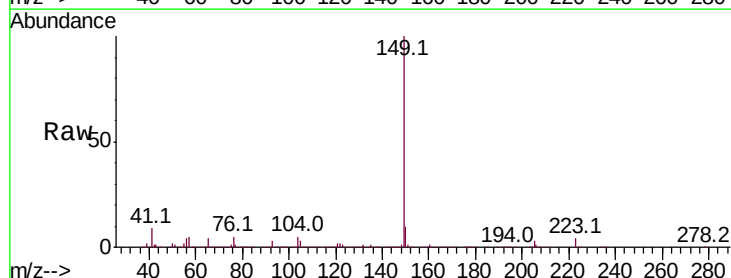
Tgt Ion:149 Resp: 1482904

Ion Ratio Lower Upper

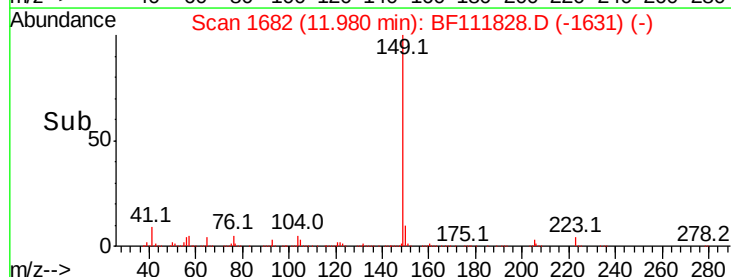
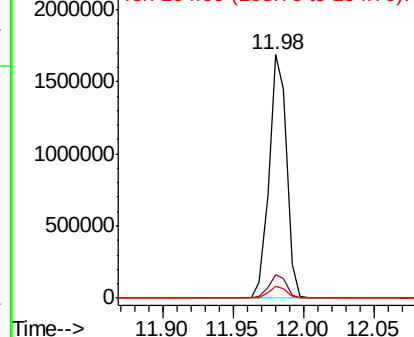
149 100

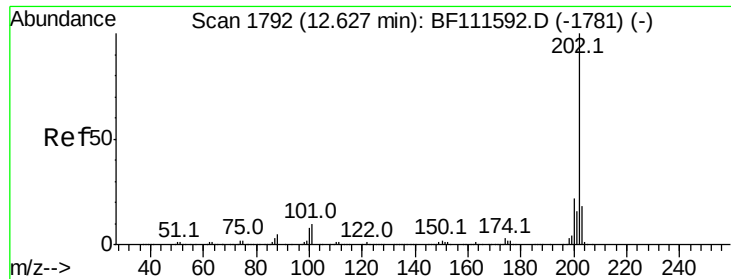
150 9.8 8.8 13.2

104 5.1 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.851 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion:202 Resp: 1324572

Ion Ratio Lower Upper

202 100

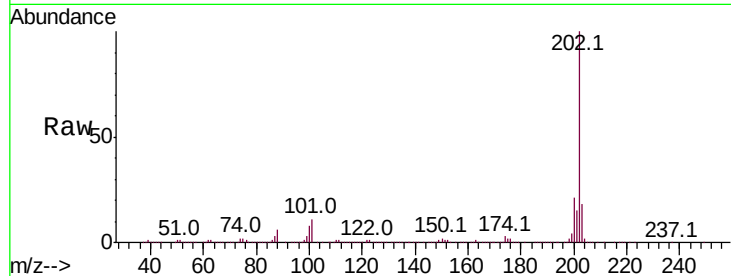
101 11.4 0.0 33.8

203 18.1 0.0 38.6

Manual Integrations
APPROVED

Sohil

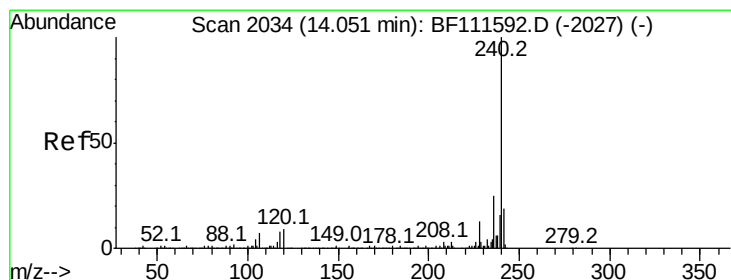
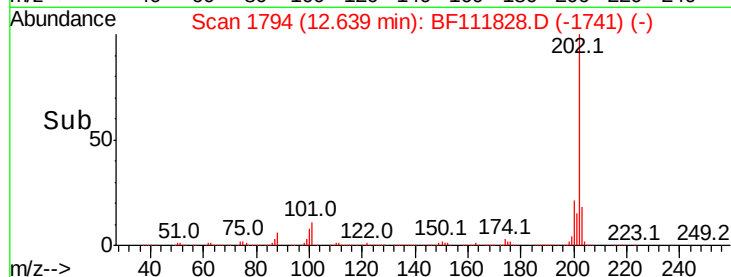
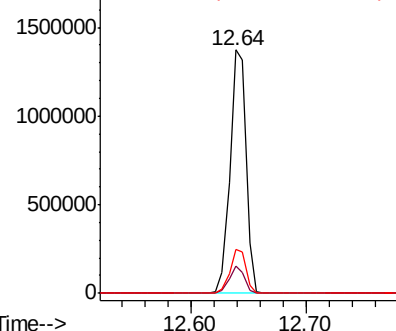
1/4/2019 9:56:41 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

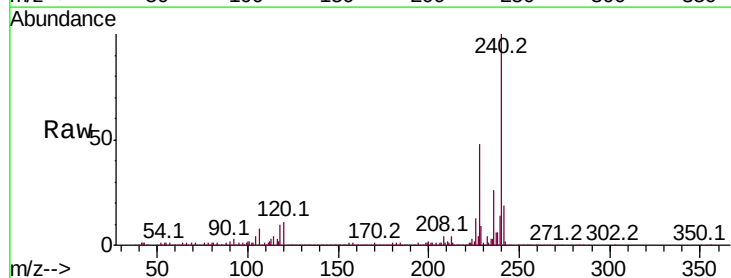
Tgt Ion:240 Resp: 541377

Ion Ratio Lower Upper

240 100

120 11.2 12.2 18.2#

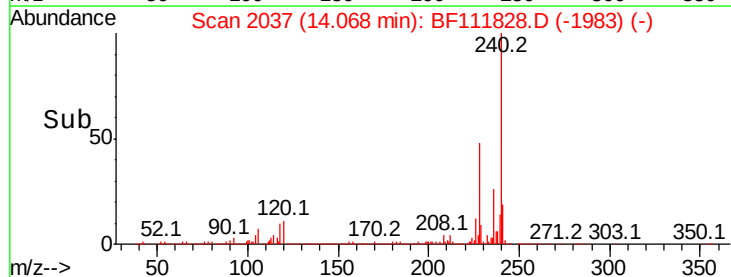
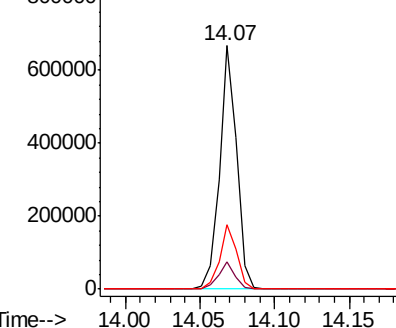
236 26.3 20.2 30.2

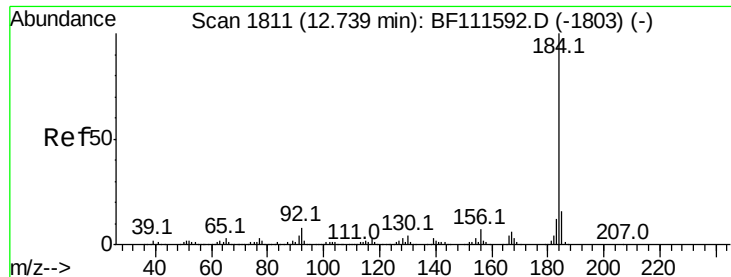


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.887 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

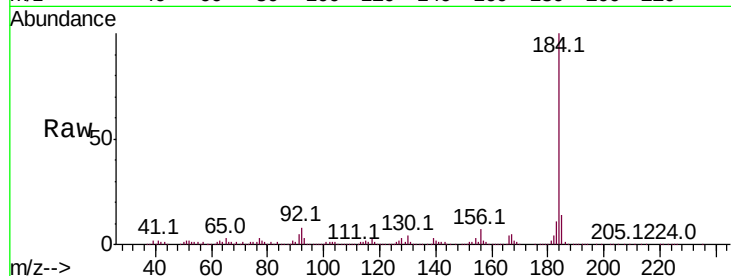
ClientSampleId :

TP-5MS

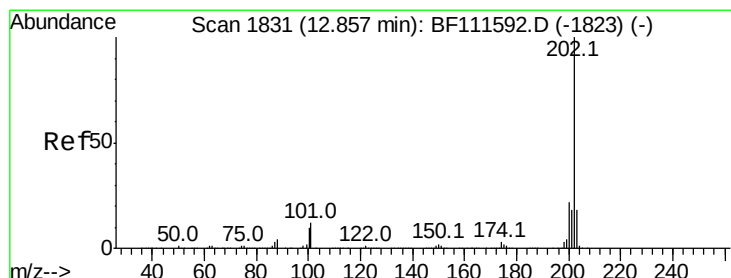
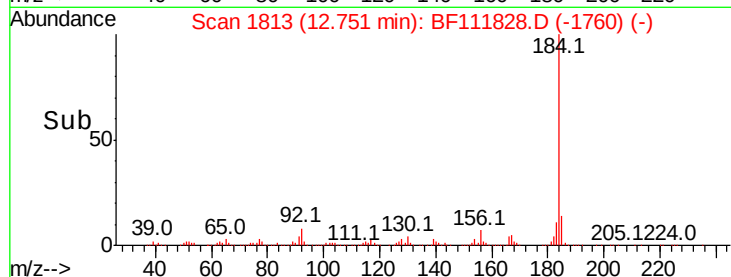
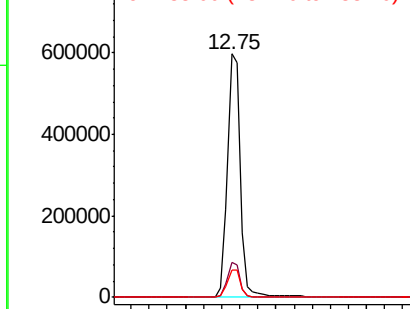
Tot Ion:	184	Resp:	588478
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.0	19.6
183	11.2	9.3	13.9

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



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



#78

Pyrene

Concen: 33.361 ng

RT: 12.87 min Scan# 1833

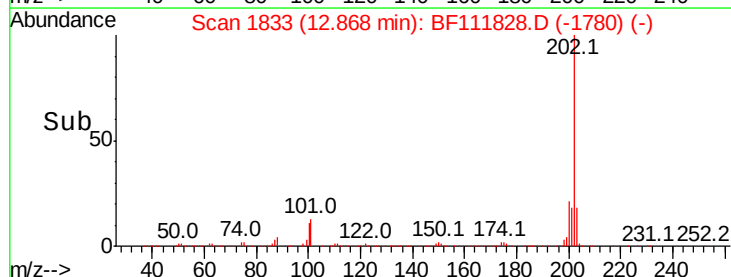
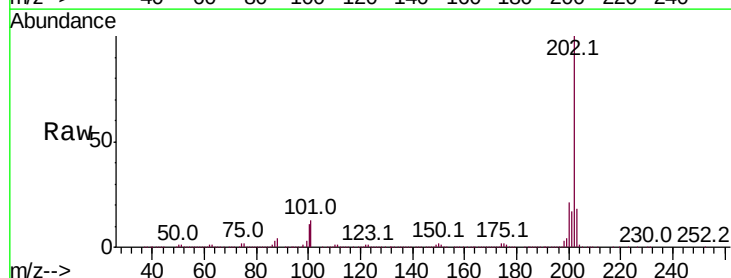
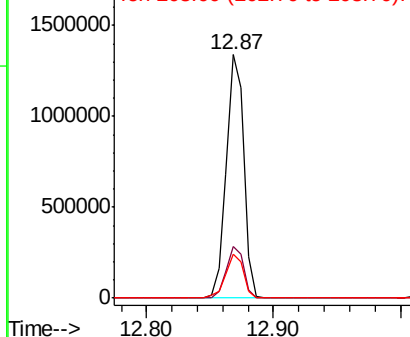
Delta R.T. 0.01 min

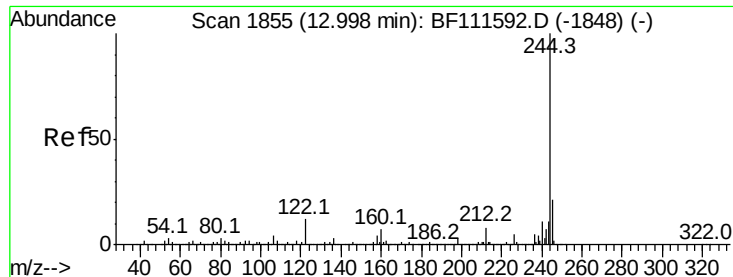
Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:	202	Resp:	1275405
Ion Ratio	Lower	Upper	
202	100		
200	21.3	19.0	28.4
203	18.1	15.2	22.8

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





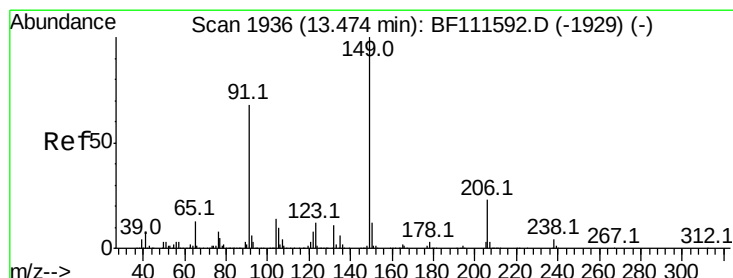
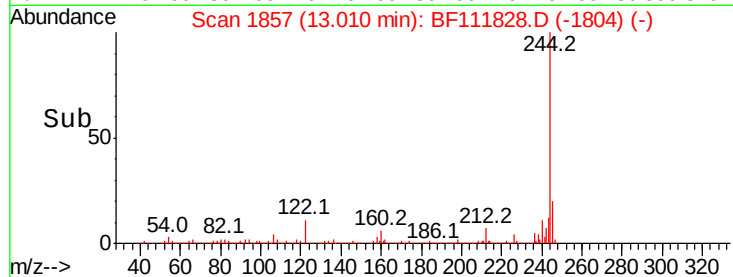
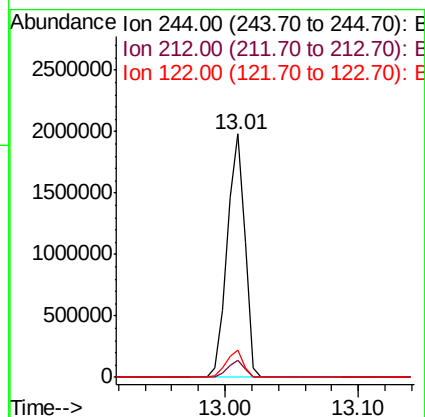
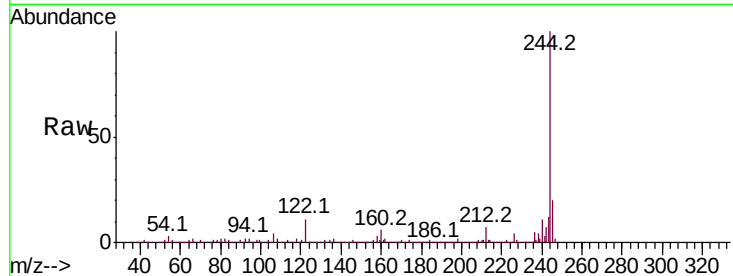
#79
 Terphenyl-d14
 Concen: 65.031 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Instrument :
 BNA_F
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.0	13.1	19.7

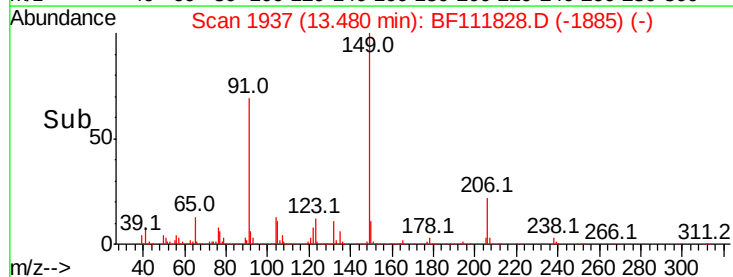
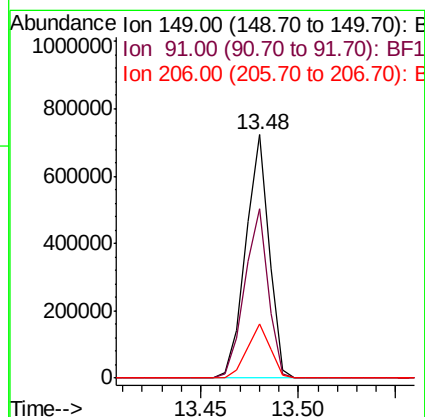
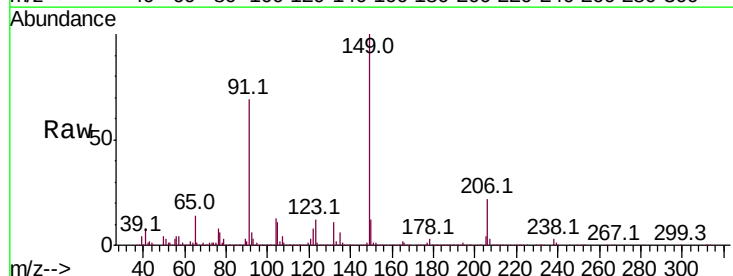
Manual Integrations
 APPROVED

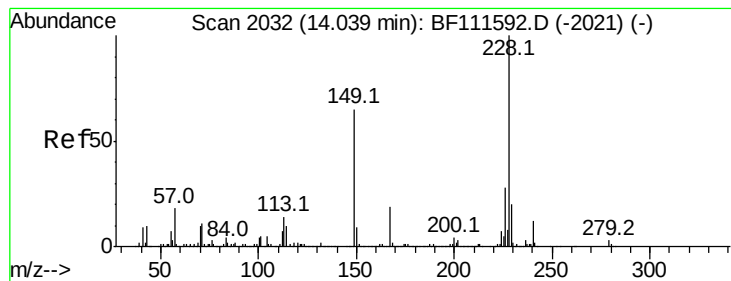
Sohil
 1/4/2019 9:56:41 AM



#80
 Butylbenzylphthalate
 Concen: 38.345 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BF111828.D
 Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	63.8	95.6
206	22.5	15.1	22.7





#81

Benzo(a)anthracene

Concen: 41.466 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

TP-5MS

Tot Ion:228 Resp: 1281145

Ion Ratio Lower Upper

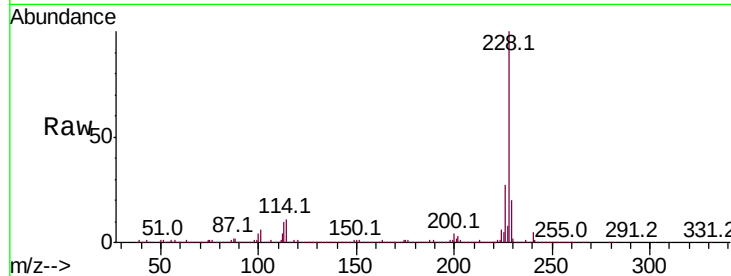
228 100

226 27.4 22.6 34.0

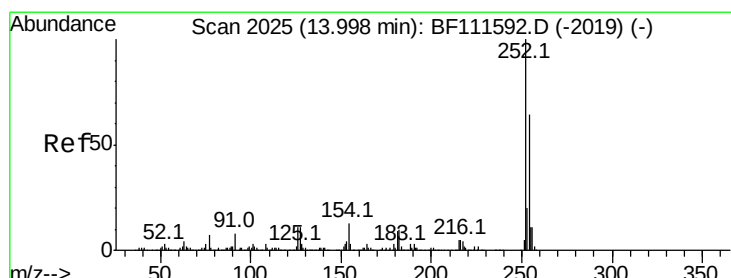
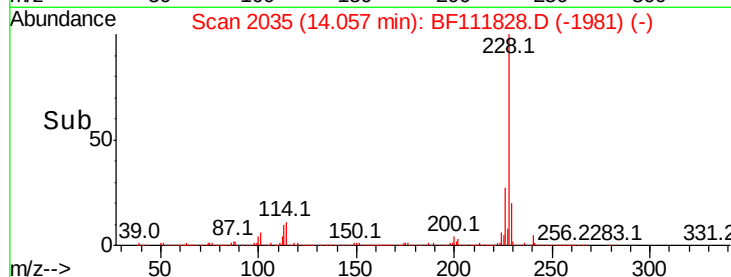
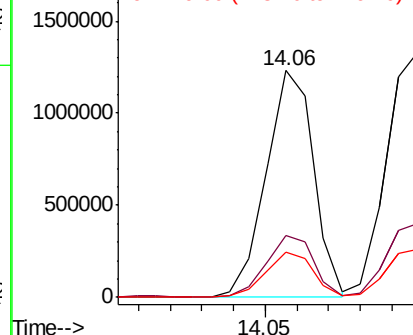
229 20.1 16.3 24.5

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 34.950 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

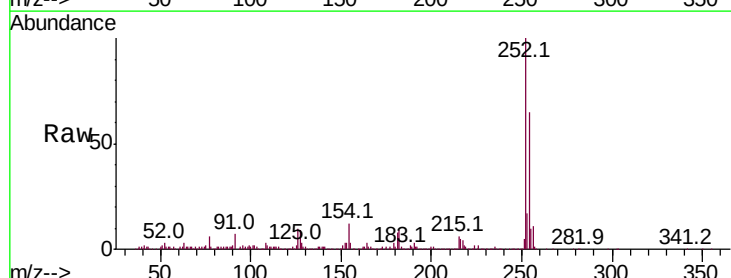
Tgt Ion:252 Resp: 426644

Ion Ratio Lower Upper

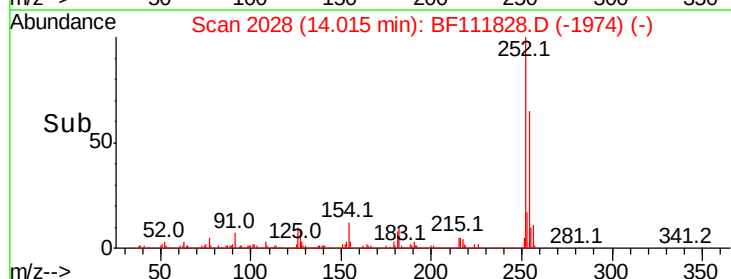
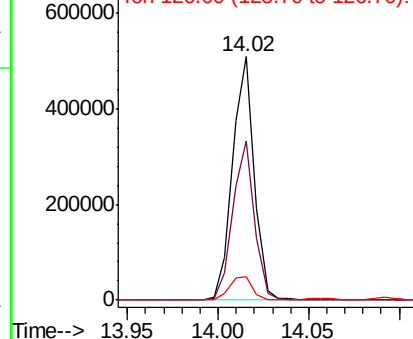
252 100

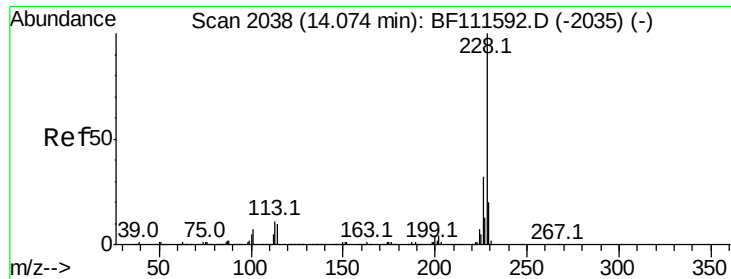
254 65.3 52.7 79.1

126 9.9 11.1 16.7#



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





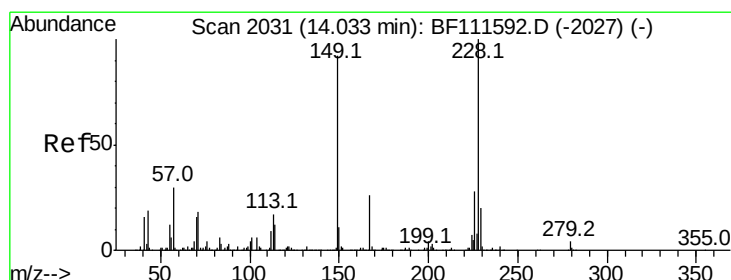
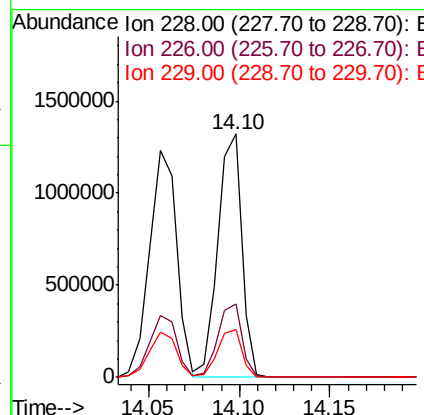
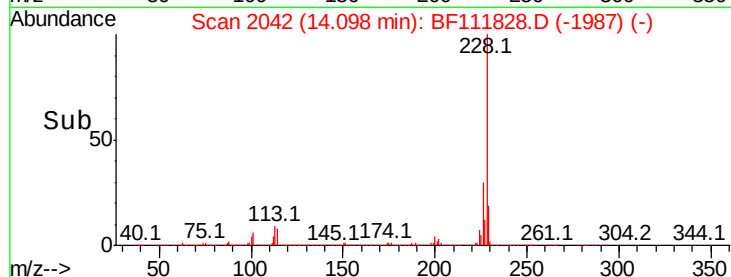
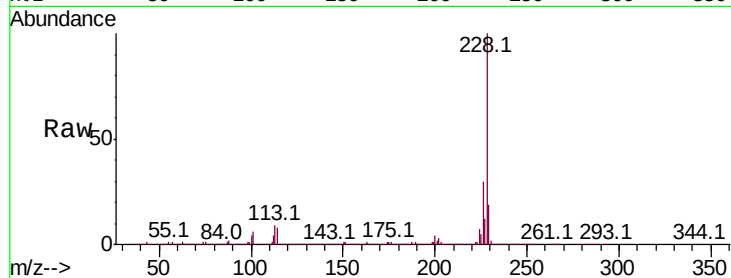
#83
Chrysene
Concen: 39.967 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	19.5	17.2	25.8

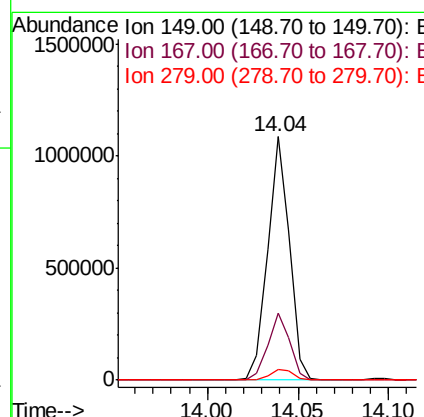
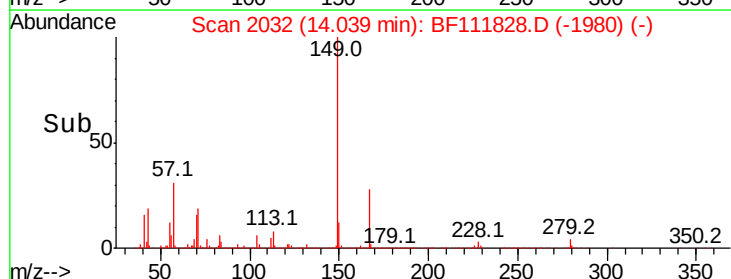
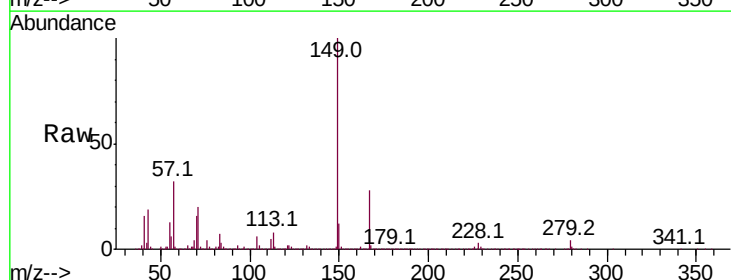
Manual Integrations
APPROVED

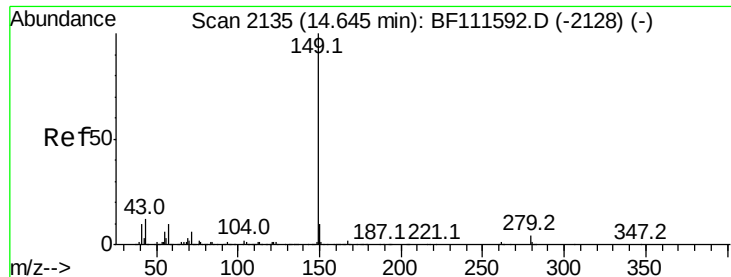
Sohil
1/4/2019 9:56:41 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.037 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF111828.D
Acq: 3 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	4.2	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 47.847 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion:149 Resp: 1455173

Ion Ratio Lower Upper

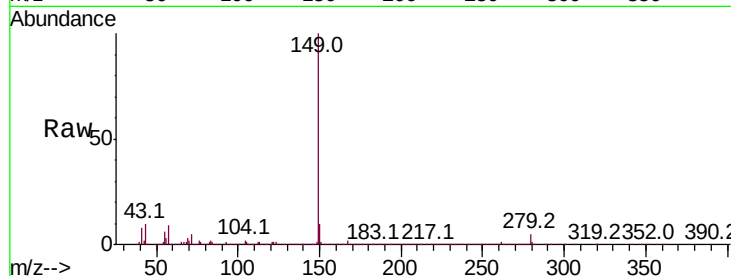
149 100

167 1.6 1.3 1.9

43 11.5 10.9 16.3

Manual Integrations
APPROVED

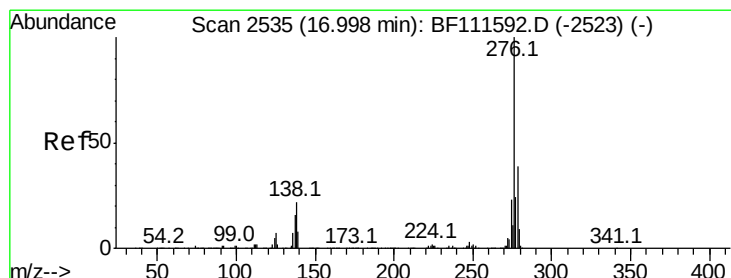
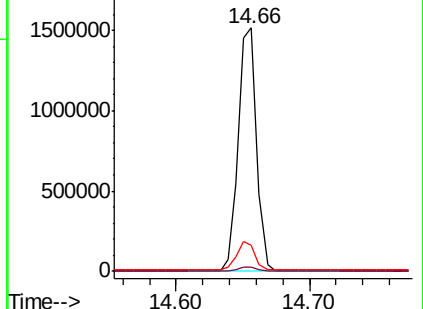
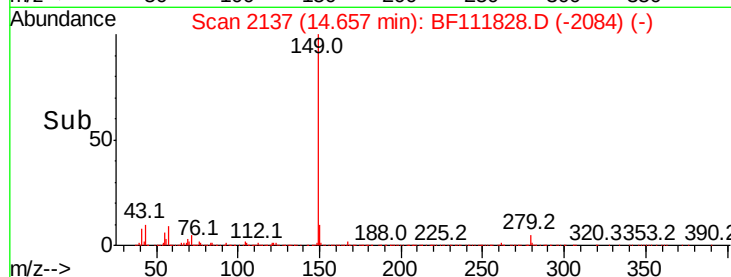
Sohil
1/4/2019 9:56:41 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.318 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.06 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

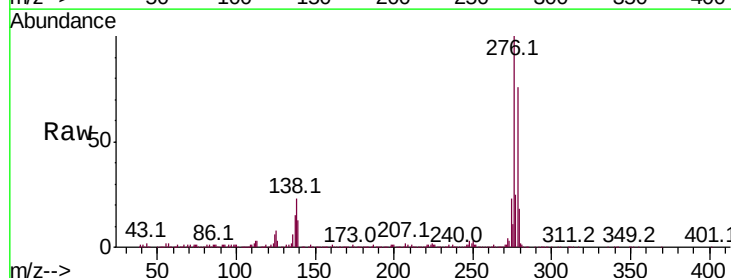
Tgt Ion:276 Resp: 808447

Ion Ratio Lower Upper

276 100

138 23.6 27.8 41.6#

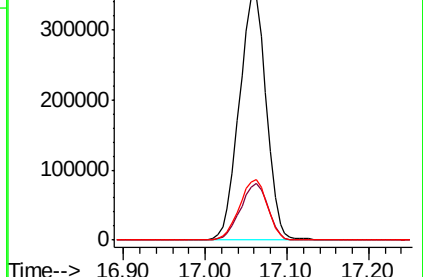
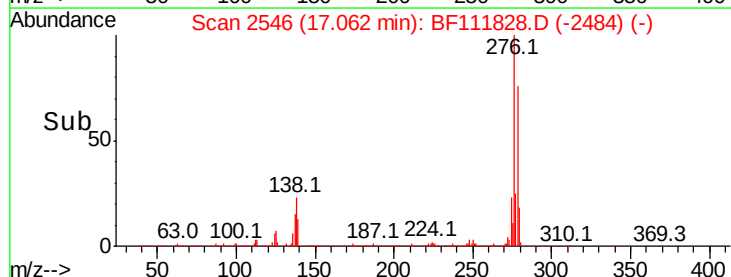
277 25.3 20.1 30.1

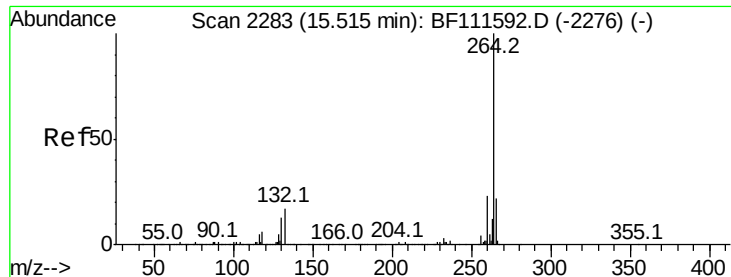


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

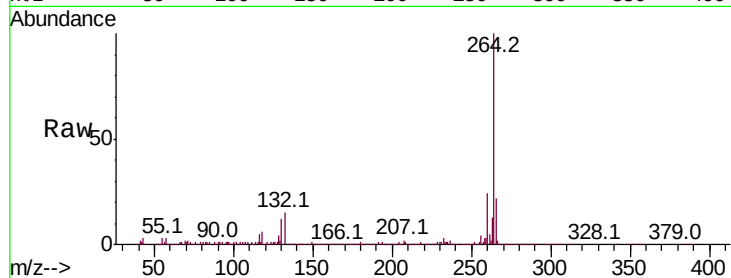
ClientSampleId :

TP-5MS

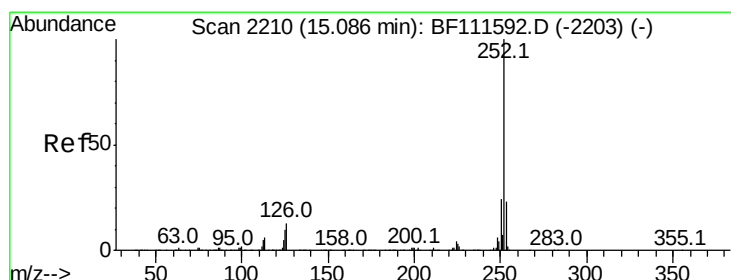
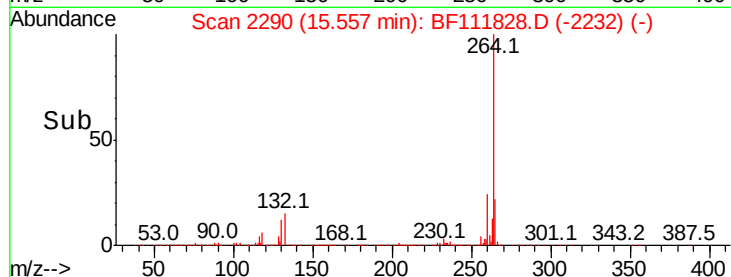
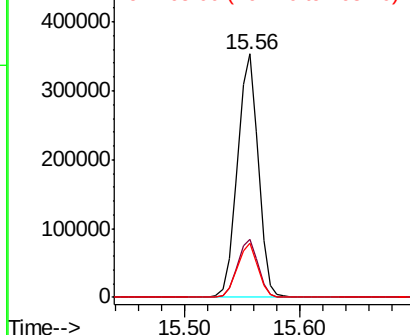
Tot Ion:	264	Resp:	441140
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.3	27.5
265	22.1	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/4/2019 9:56:41 AM



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



#88

Benzo(b)fluoranthene

Concen: 43.313 ng

RT: 15.12 min Scan# 2216

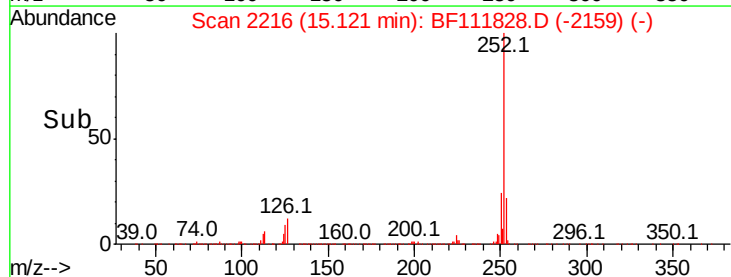
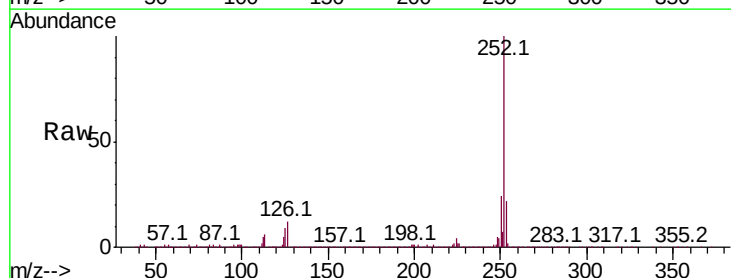
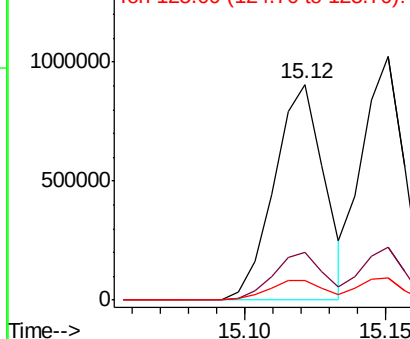
Delta R.T. 0.04 min

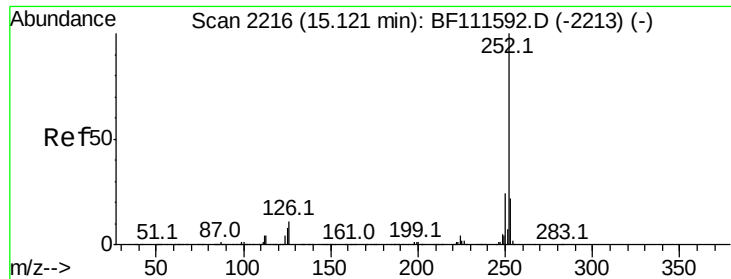
Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Tgt Ion:	252	Resp:	1116696
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	9.1	10.4	15.6#

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





#89

Benzo(k)fluoranthene

Concen: 42.663 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.03 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tot Ion:252 Resp: 1047169

Ion Ratio Lower Upper

252 100

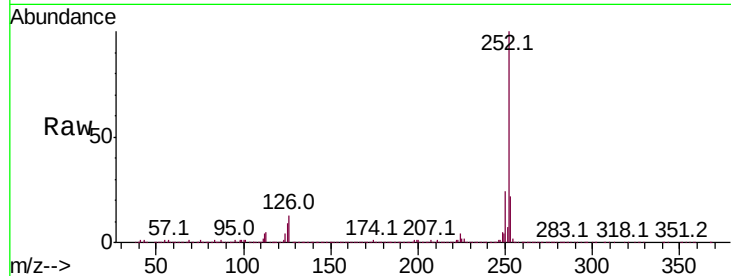
253 21.8 18.1 27.1

125 9.3 9.8 14.8#

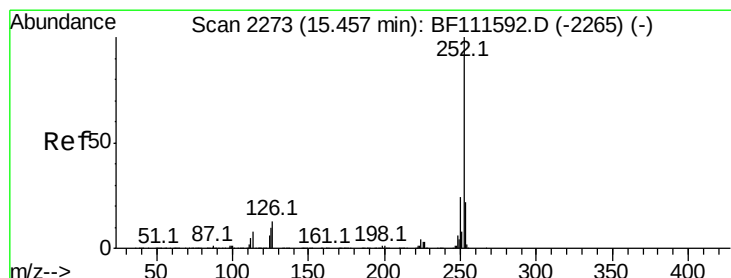
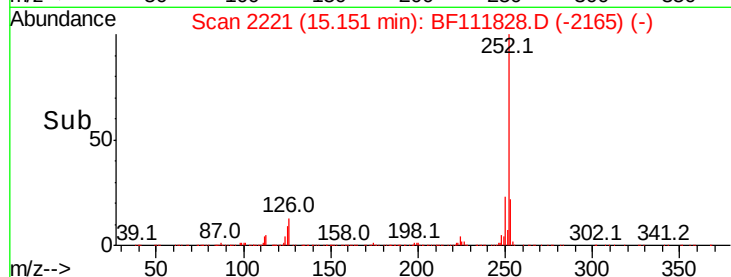
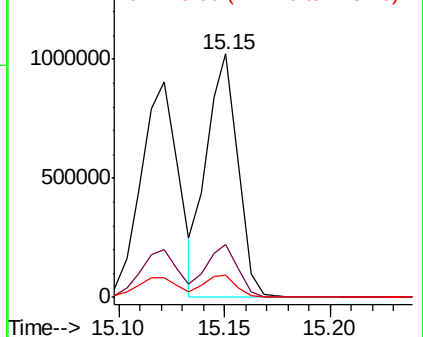
Manual Integrations
APPROVED

Sohil

1/4/2019 9:56:41 AM



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



#90

Benzo(a)pyrene

Concen: 41.335 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

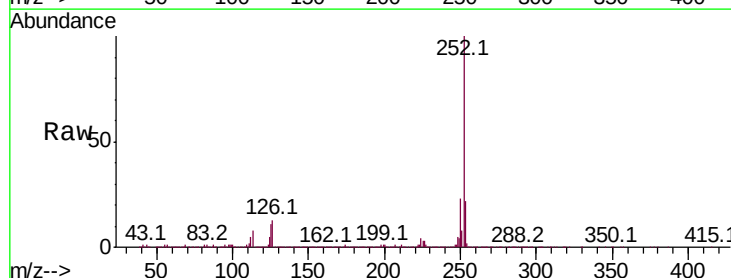
Tgt Ion:252 Resp: 968203

Ion Ratio Lower Upper

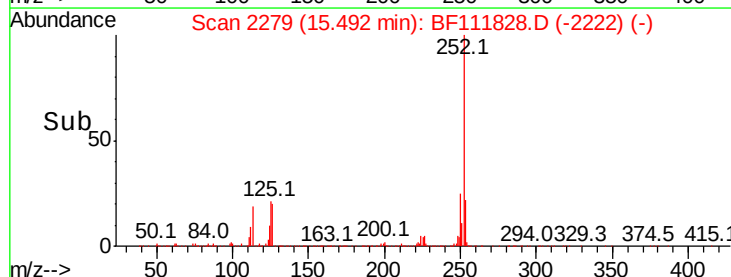
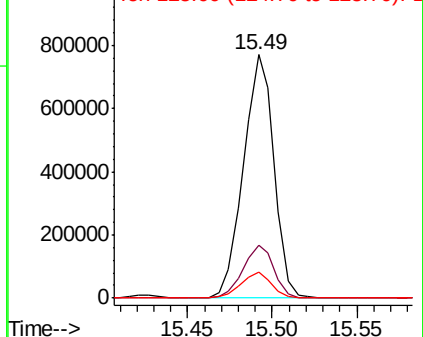
252 100

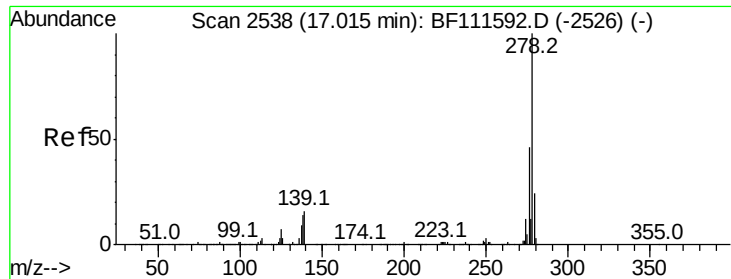
253 21.7 17.8 26.8

125 10.7 12.3 18.5#



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





#91

Dibenzo(a,h)anthracene

Concen: 33.754 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.06 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

Instrument :

BNA_F

ClientSampled :

TP-5MS

Tot Ion:278 Resp: 692327

Ion Ratio Lower Upper

278 100

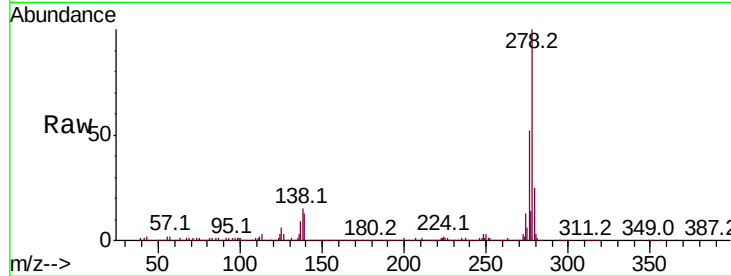
139 13.1 18.2 27.4#

279 24.7 19.0 28.6

Manual Integrations
APPROVED

Sohil

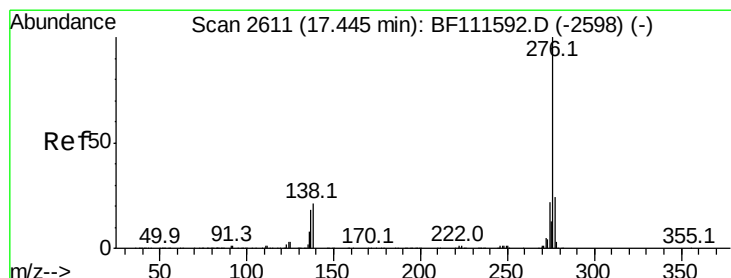
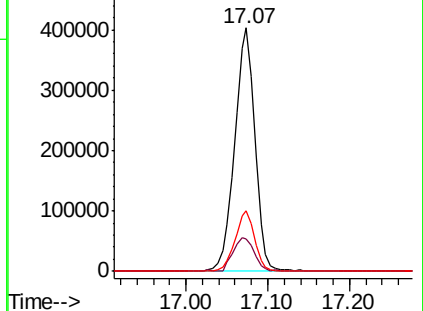
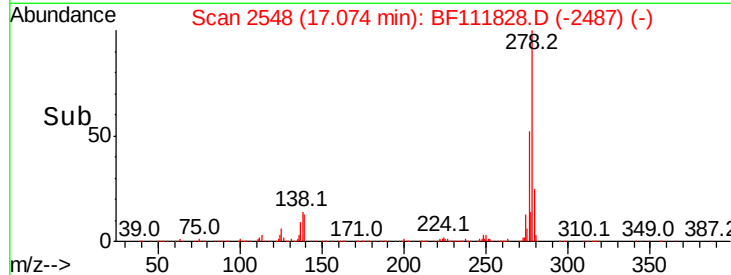
1/4/2019 9:56:41 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.934 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.06 min

Lab File: BF111828.D

Acq: 3 Jan 2019 18:33

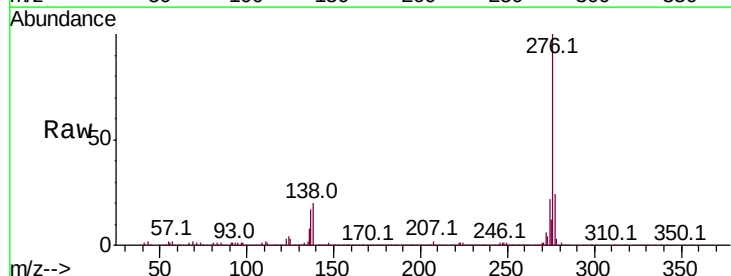
Tgt Ion:276 Resp: 639594

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 20.3 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

