

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111575.D
 Acq On : 18 Dec 2018 8:49
 Operator : JU/SJ
 Sample : PB115763BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115763BS

Manual Integrations
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Sohil
 12/18/2018 12:50:08 PM

Quant Time: Dec 18 10:33:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128864	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	526329	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	300834	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	455119	20.00	ng	0.00
76) Chrysene-d12	13.94	240	343226	20.00	ng	0.00
87) Perylene-d12	15.38	264	275725	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	861972	111.31	ng	0.01
7) Phenol-d6	6.44	99	1114156	108.16	ng	0.00
23) Nitrobenzene-d5	7.35	82	674262	76.29	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	251514	93.33	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1296771	66.58	ng	-0.01
79) Terphenyl-d14	12.89	244	1166628	79.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	98332	26.291	ng	93
3) Pyridine	3.29	79	283166	30.145	ng	92
4) n-Nitrosodimethylamine	3.23	42	157914	37.010	ng	85
6) Aniline	6.45	93	150670	11.792	ng	# 1
8) 2-Chlorophenol	6.58	128	341927	36.954	ng	95
9) Benzaldehyde	6.33	77	98758	15.807	ng	92
10) Phenol	6.45	94	383406	33.413	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	301089	33.472	ng	97
12) 1,3-Dichlorobenzene	6.73	146	355482	34.901	ng	98
13) 1,4-Dichlorobenzene	6.80	146	360064	34.828	ng	98
14) 1,2-Dichlorobenzene	6.96	146	341885	35.152	ng	97
15) Benzyl Alcohol	6.93	79	272583	34.778	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	586852	33.413	ng	84
17) 2-Methylphenol	7.06	107	255351	34.291	ng	# 90
18) Hexachloroethane	7.30	117	120634	31.354	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	222816	32.787	ng	95
20) 3+4-Methylphenols	7.21	107	334290	35.788	ng	# 65
22) Acetophenone	7.19	105	457535	38.941	ng	# 87
24) Nitrobenzene	7.37	77	327634	36.338	ng	97
25) Isophorone	7.61	82	596182	39.865	ng	99
26) 2-Nitrophenol	7.69	139	151476	32.395	ng	96
27) 2,4-Dimethylphenol	7.73	122	293129	43.242	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	386081	37.396	ng	98
29) 2,4-Dichlorophenol	7.93	162	267922	37.025	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	273954	36.164	ng	99
31) Naphthalene	8.09	128	963083	39.122	ng	96
32) Benzoic acid	7.84	122	70643	12.060	ng	97
33) 4-Chloroaniline	8.14	127	70951	6.481	ng	95
34) Hexachlorobutadiene	8.22	225	151119	36.209	ng	98
35) Caprolactam	8.50	113	81994m	30.519	ng	
36) 4-Chloro-3-methylphenol	8.63	107	264587	33.218	ng	99
37) 2-Methylnaphthalene	8.79	142	654618	39.297	ng	99
38) 1-Methylnaphthalene	8.88	142	608545	37.814	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	251579	30.494	ng	98

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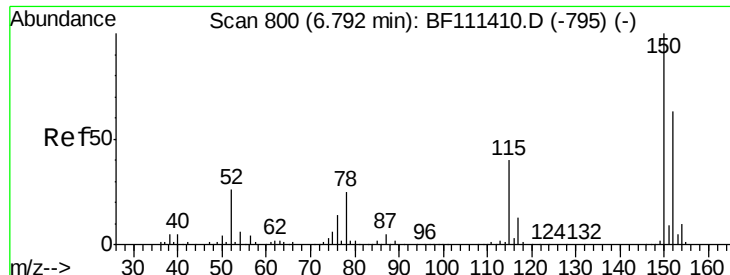
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	68837	16.251	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	159808	27.369	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	163066	26.244	nq	93
46) 1,1'-Biphenyl	9.25	154	744394	29.203	nq	93
47) 2-Chloronaphthalene	9.27	162	564930	29.157	nq	95
48) 2-Nitroaniline	9.37	65	167417	26.612	nq	87
49) Acenaphthylene	9.69	152	879455	30.579	nq	95
50) Dimethylphthalate	9.55	163	650318	30.016	nq	98
51) 2,6-Dinitrotoluene	9.61	165	135400	27.765	nq	96
52) Acenaphthene	9.86	154	665195	36.594	nq	99
53) 3-Nitroaniline	9.77	138	112966	19.071	nq	97
54) 2,4-Dinitrophenol	9.89	184	17859	9.626	nq	93
55) Dibenzofuran	10.03	168	981879	37.213	nq	96
56) 4-Nitrophenol	9.96	139	208857	50.950	nq	90
57) 2,4-Dinitrotoluene	10.01	165	216192	33.776	nq	99
58) Fluorene	10.37	166	725784	37.923	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	151481	31.203	nq	97
60) Diethylphthalate	10.25	149	806046	36.729	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	335756	35.858	nq	98
62) 4-Nitroaniline	10.39	138	168199	28.685	nq	95
63) Azobenzene	10.52	77	754543	34.875	nq	94
65) 4,6-Dinitro-2-methylphenol	10.42	198	19300	7.512	nq	84
66) n-Nitrosodiphenylamine	10.48	169	657671	41.904	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	198258	40.417	nq	98
68) Hexachlorobenzene	10.93	284	193624	38.373	nq	94
69) Atrazine	11.01	200	193067	42.566	nq	98
70) Pentachlorophenol	11.12	266	152456	49.261	nq	97
71) Phenanthrene	11.33	178	927918	39.568	nq	93
72) Anthracene	11.39	178	972925	40.567	nq	95
73) Carbazole	11.54	167	866376	34.933	nq	95
74) Di-n-butylphthalate	11.87	149	1148068	41.565	nq	96
75) Fluoranthene	12.52	202	874579	38.121	nq	97
77) Benzidine	12.64	184	267974	21.239	nq	97
78) Pyrene	12.74	202	889026	36.739	nq	95
80) Butylbenzylphthalate	13.37	149	428231	36.306	nq	91
81) Benzo(a)anthracene	13.93	228	723445	38.765	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	162472	21.415	nq	99
83) Chrysene	13.97	228	748513	38.073	nq	95
84) Bis(2-ethylhexyl)phthalate	13.93	149	569052	37.772	nq	97
85) Di-n-octyl phthalate	14.54	149	1017473	40.040	nq	95
86) Indeno(1,2,3-cd)pyrene	16.80	276	500185	35.251	nq	96
88) Benzo(b)fluoranthene	14.97	252	646296	40.205	nq	98
89) Benzo(k)fluoranthene	15.00	252	678789	44.192	nq	98
90) Benzo(a)pyrene	15.32	252	591763	40.823	nq	98
91) Dibenzo(a,h)anthracene	16.81	278	424088	37.087	nq	99
92) Benzo(g,h,i)perylene	17.23	276	413287	36.821	nq	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

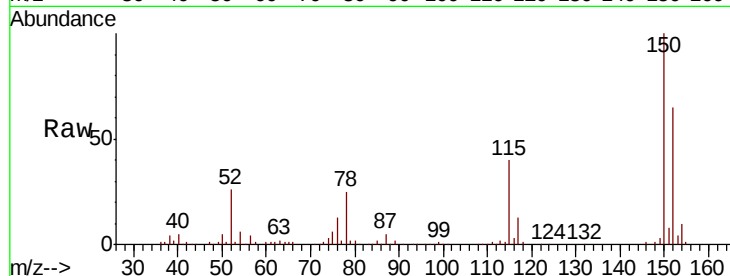
ClientSampleId :

PB115763BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.6	189.8
115	61.5	50.7	76.1

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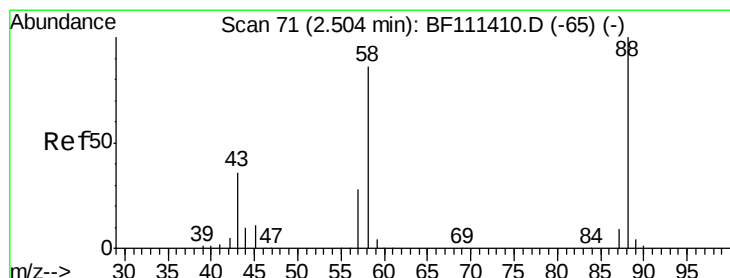
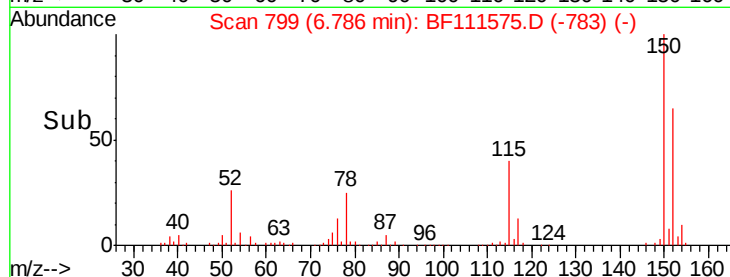
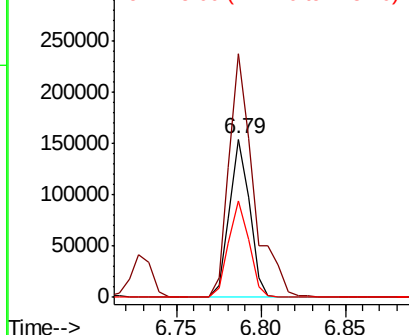


Abundance

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: 26.291 ng

RT: 2.56 min Scan# 81

Delta R.T. 0.06 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

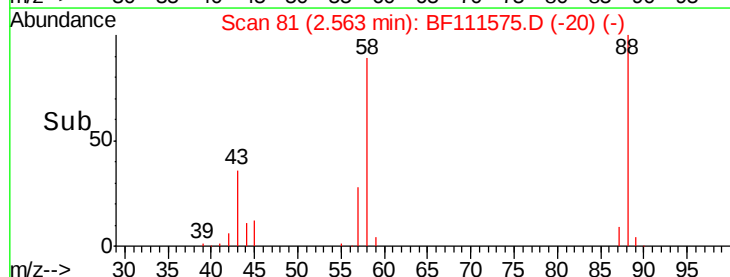
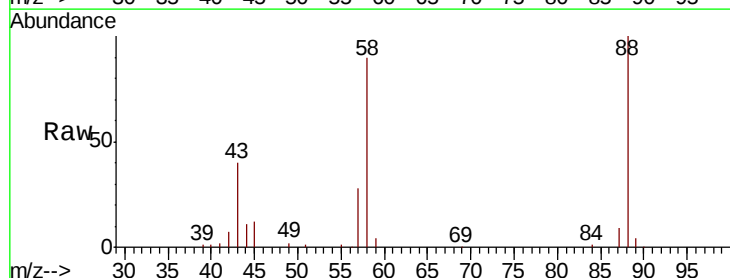
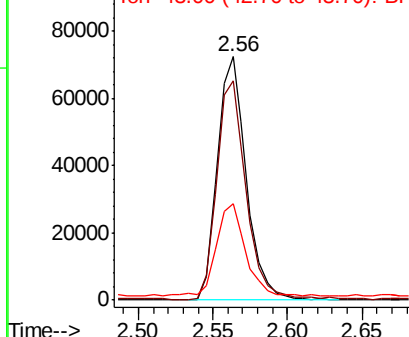
Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.6	68.9	103.3
43	37.5	25.8	38.6

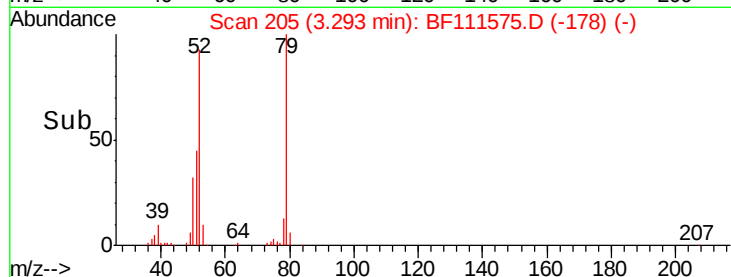
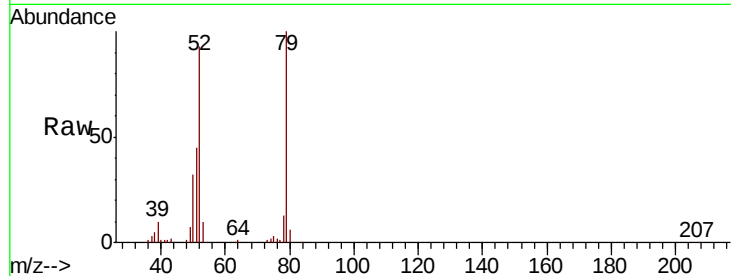
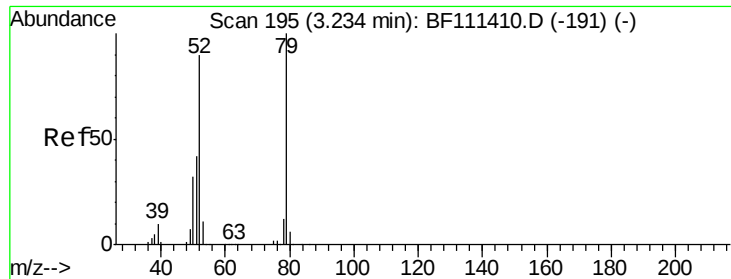
Abundance

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





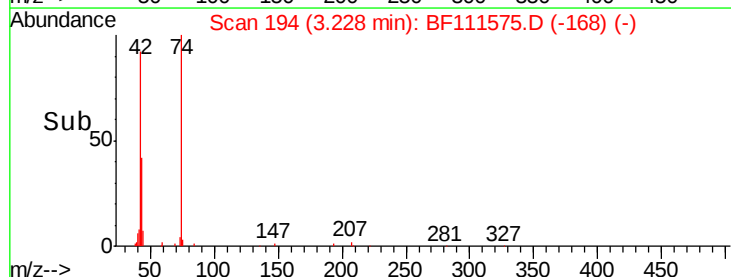
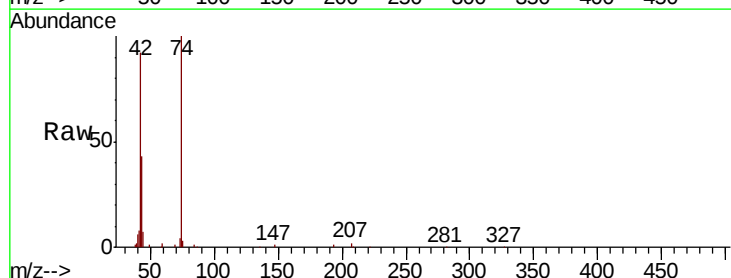
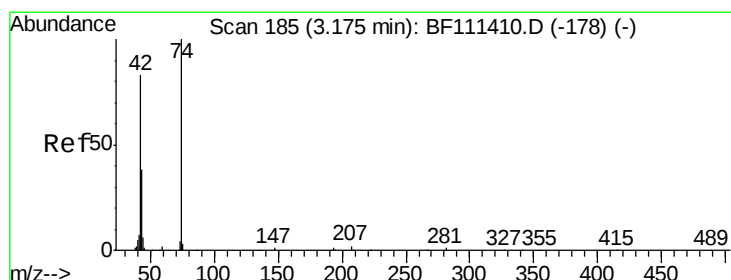
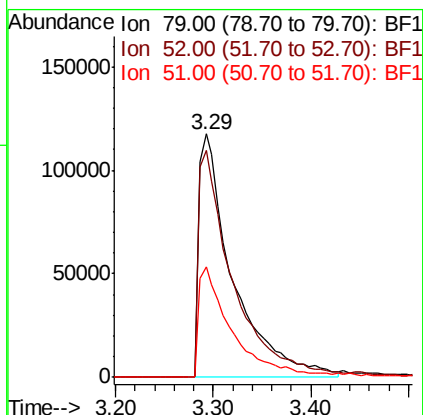
#3
 Pvridine
 Concen: 30.145 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.06 min
 Lab File: BF111575.D
 Acq: 18 Dec 2018 8:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.5	68.3	102.5
51	45.4	32.6	49.0

Instrument :
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 ClientSampleId :
 PB115763BS

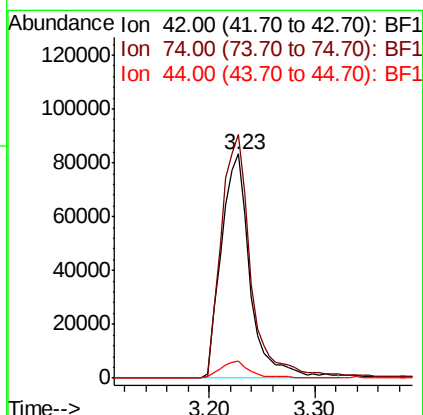
Manual Integrations
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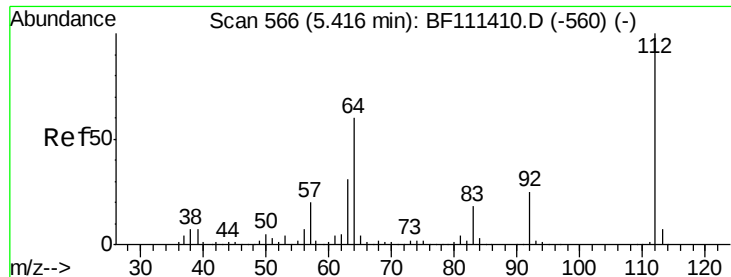
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#4
 n-Nitrosodimethylamine
 Concen: 37.010 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.05 min
 Lab File: BF111575.D
 Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.6	101.5	152.3
44	7.4	6.0	9.0





#5

2-Fluorophenol

Concen: 111.309 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

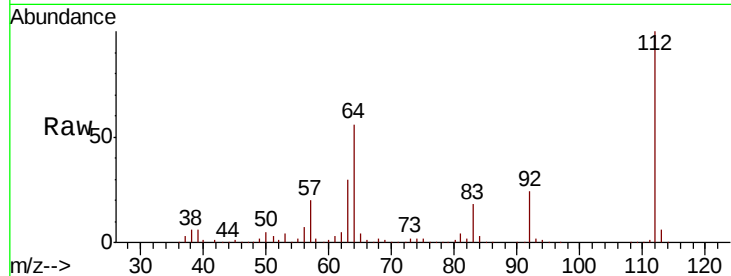
ClientSampleId :

PB115763BS

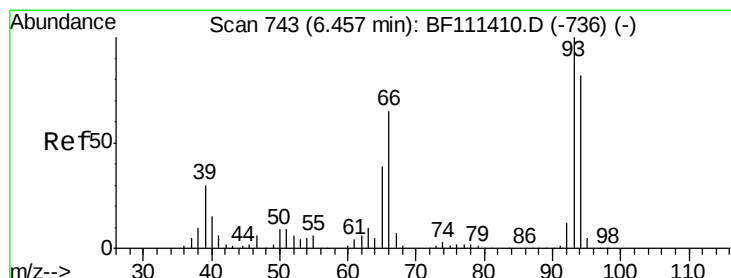
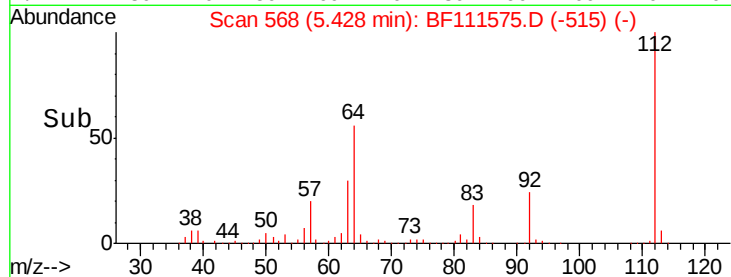
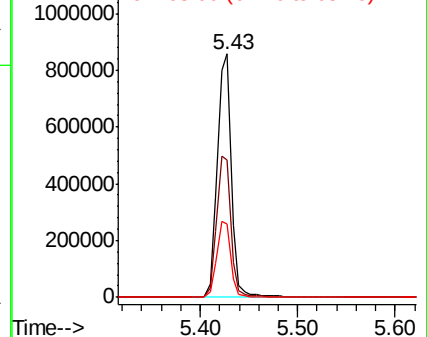
Tot Ion:	112	Resp:	861972
Ion Ratio	Lower	Upper	
112	100		
64	56.3	51.8	77.6
63	30.1	26.8	40.2

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



#6

Aniline

Concen: 11.792 ng

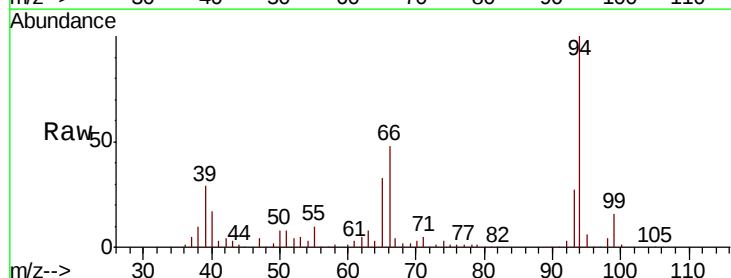
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

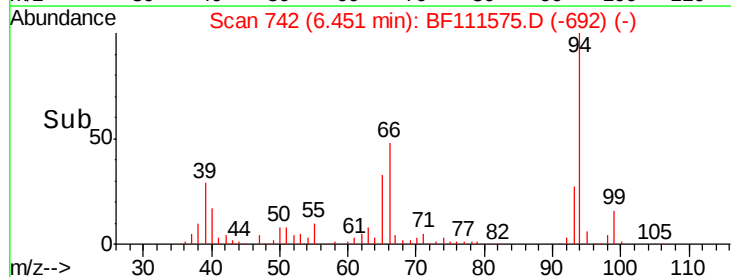
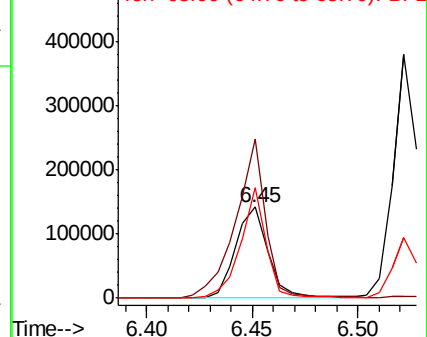
Lab File: BF111575.D

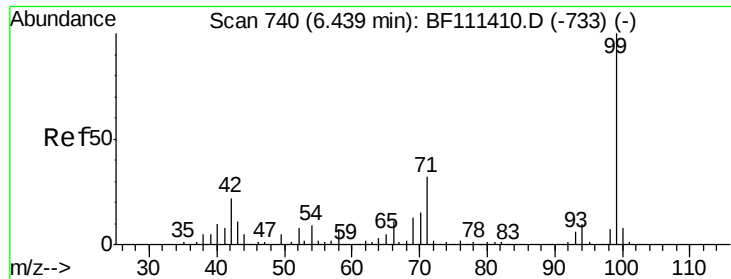
Acq: 18 Dec 2018 8:49

Tgt Ion:	93	Resp:	150670
Ion Ratio	Lower	Upper	
93	100		
66	175.5	33.2	49.8#
65	121.2	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: 108.162 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

ClientSampleId :

PB115763BS

Tot Ion: 99 Resp: 1114156

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

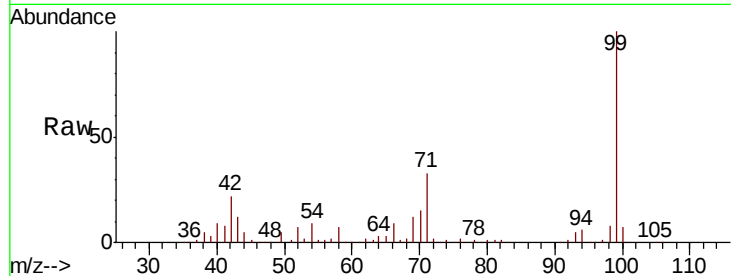
71 33.2 26.1 39.1

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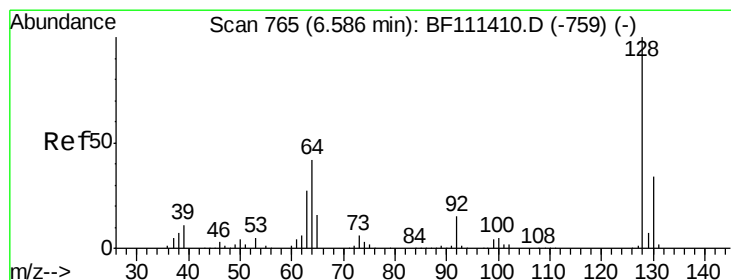
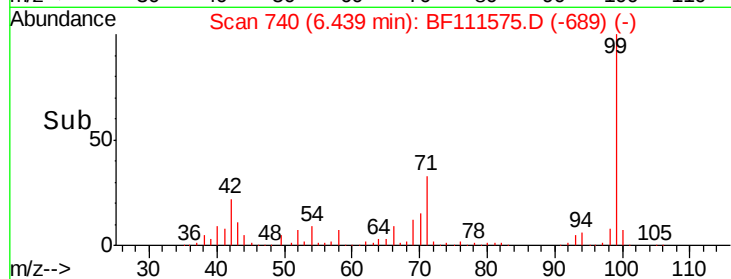
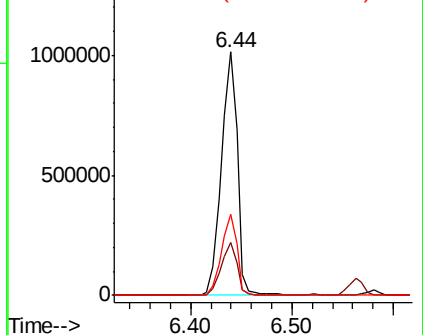
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.954 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

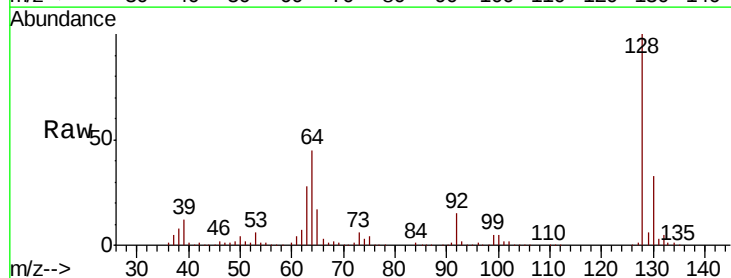
Tgt Ion: 128 Resp: 341927

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

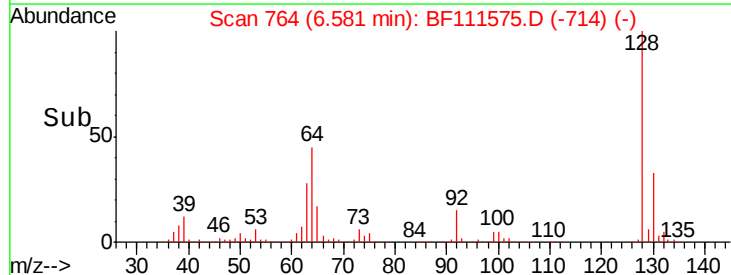
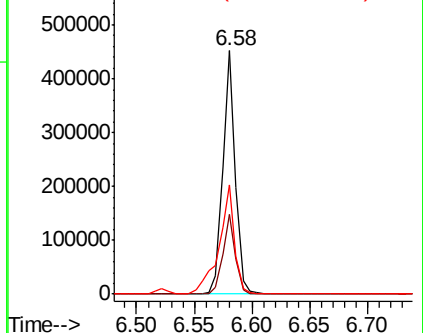
64 44.9 30.0 70.0

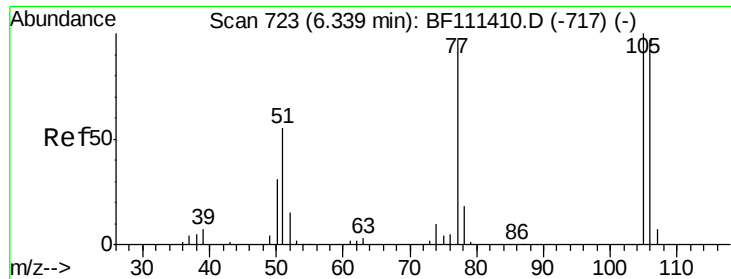


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.807 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

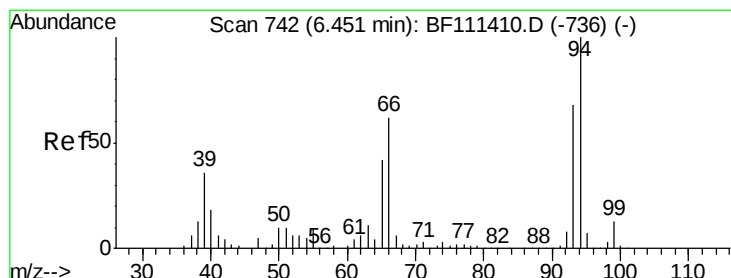
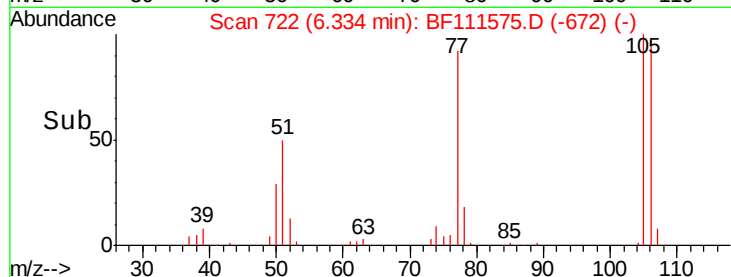
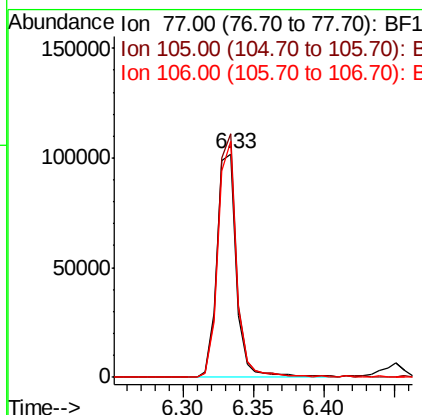
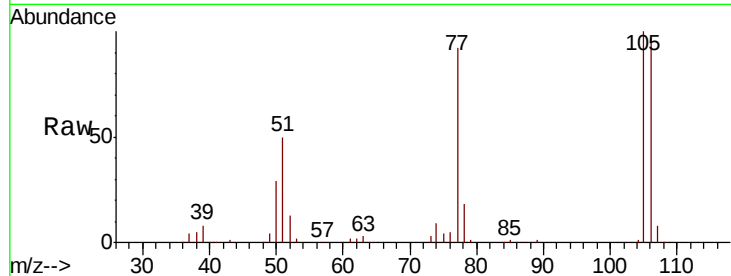
ClientSampleId :

PB115763BS

Tot Ion:	77	Resp:	98758
Ion	Ratio	Lower	Upper
77	100		
105	108.9	81.4	121.4
106	105.4	77.9	117.9

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#10

Phenol

Concen: 33.413 ng

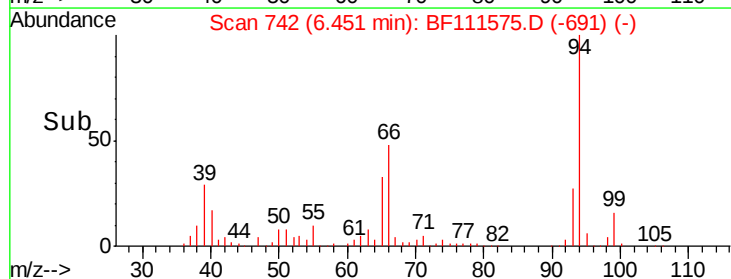
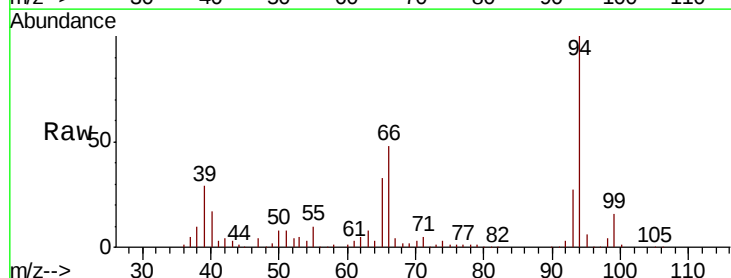
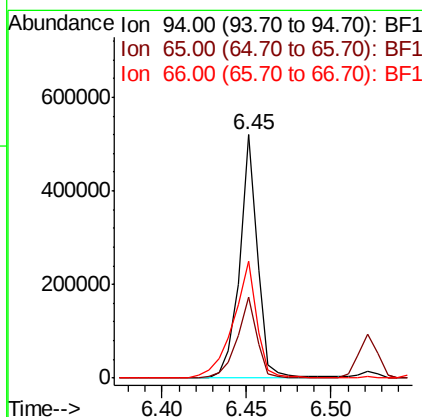
RT: 6.45 min Scan# 742

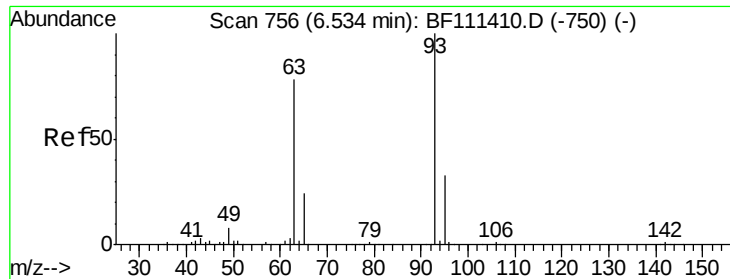
Delta R.T. 0.00 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Tgt Ion:	94	Resp:	383406
Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.7	51.7
66	47.9	21.0	61.0





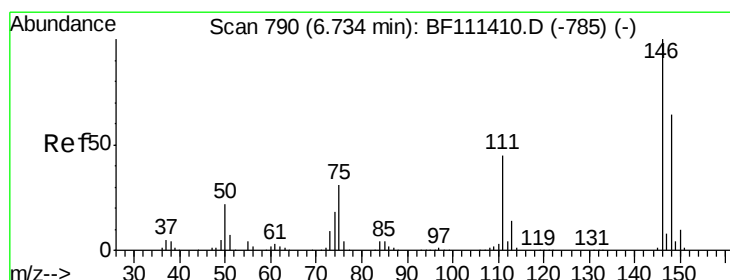
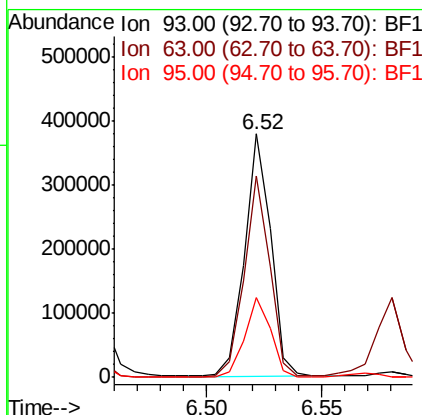
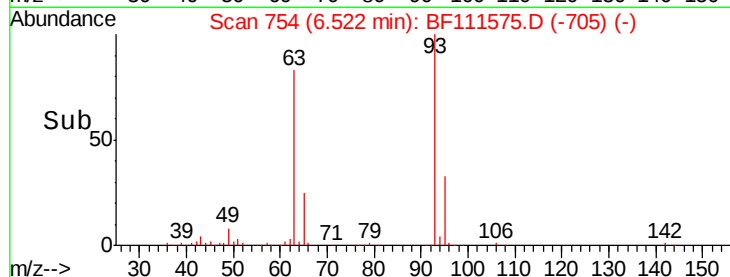
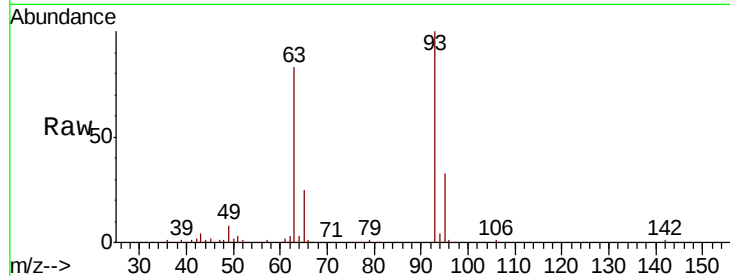
#11
bis(2-Chloroethyl)ether
Concen: 33.472 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion:	93	Resp:	301089
Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.0	100.0
95	32.6	13.4	53.4

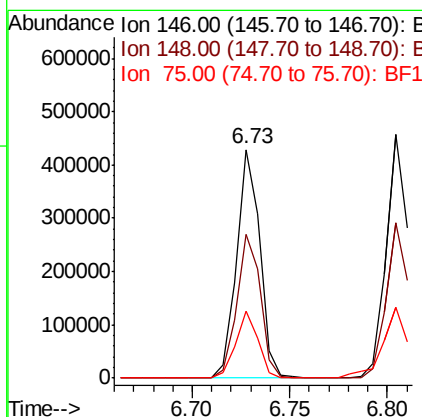
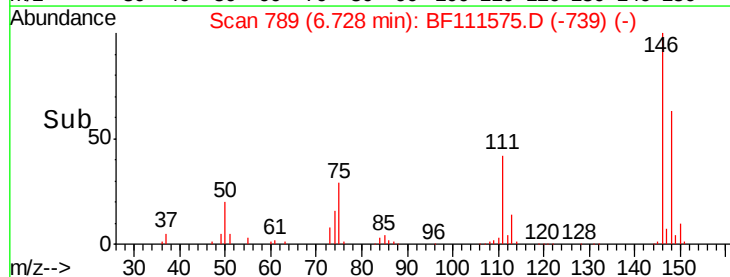
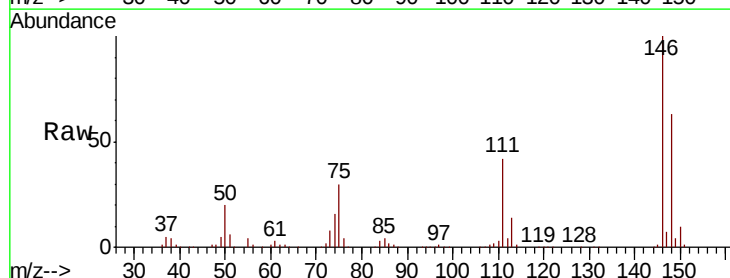
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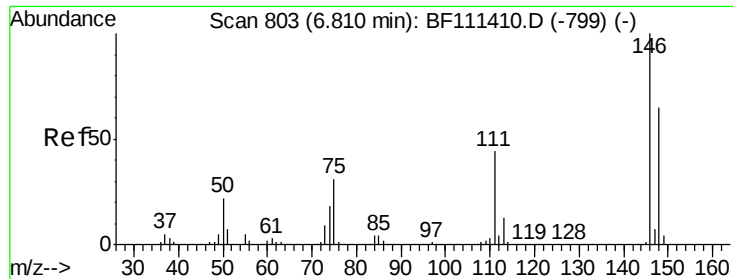
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.901 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion:	146	Resp:	355482
Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.1	78.1
75	29.5	23.9	35.9





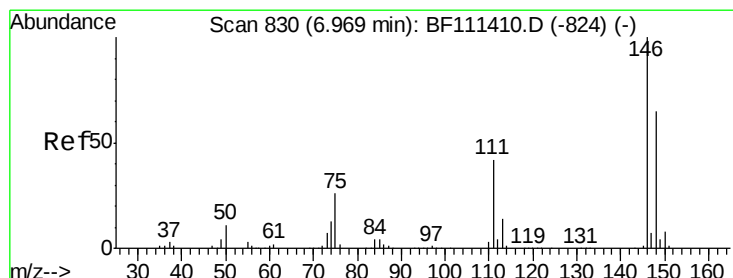
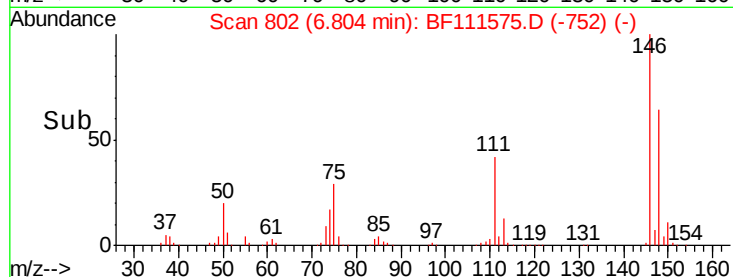
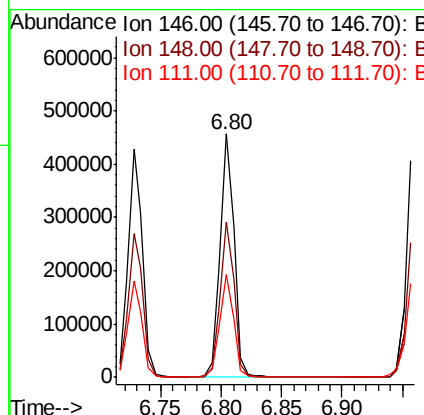
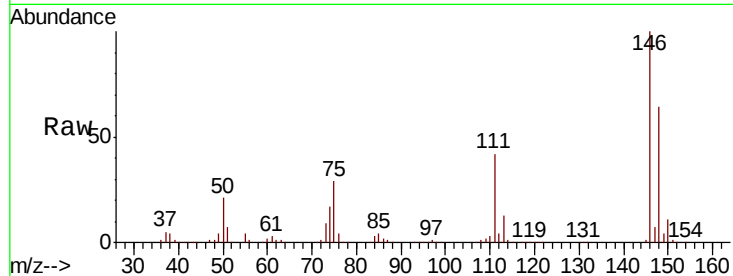
#13
1,4-Dichlorobenzene
Concen: 34.828 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.8	79.2
111	42.2	33.4	50.0

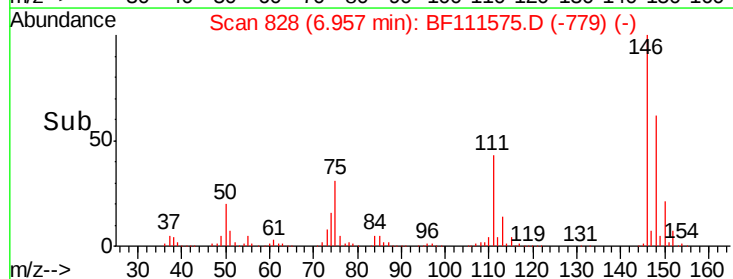
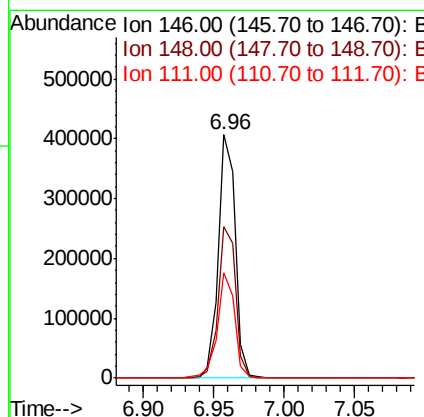
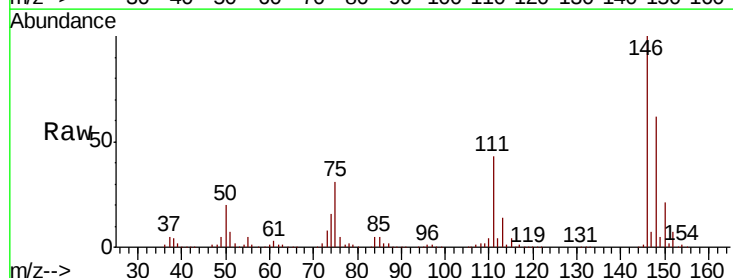
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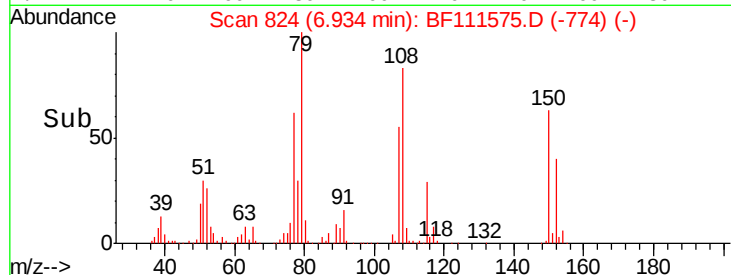
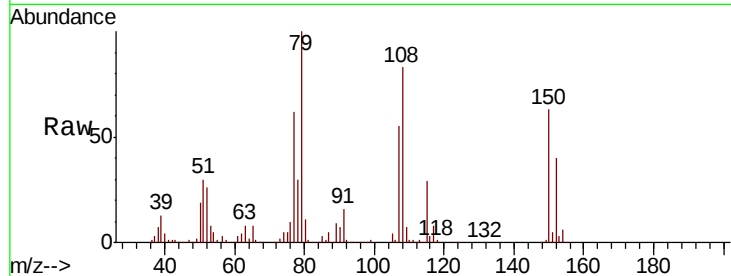
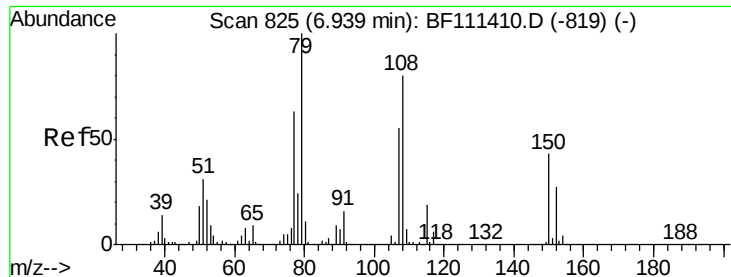
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#14
1,2-Dichlorobenzene
Concen: 35.152 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.9	77.9
111	43.2	36.2	54.4





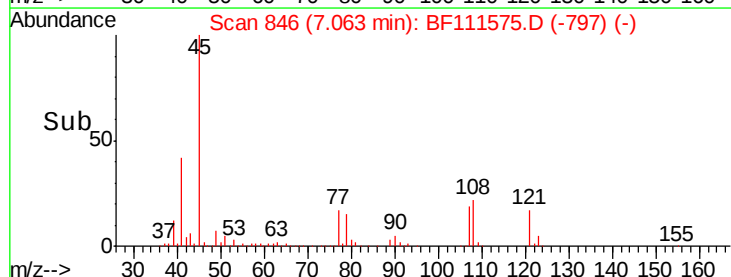
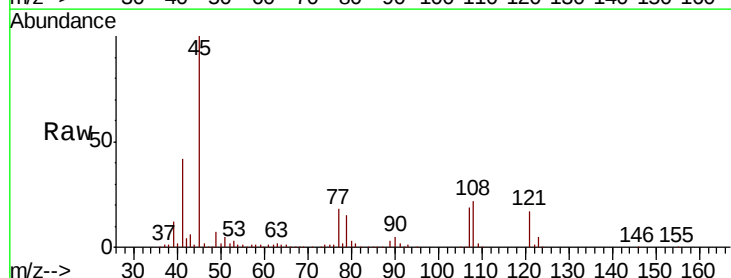
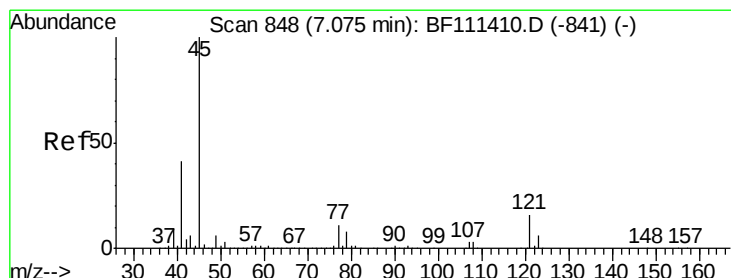
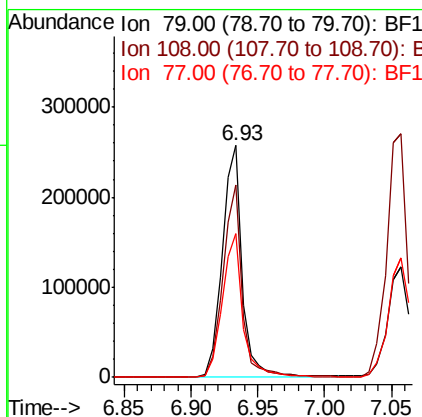
#15
Benzyl Alcohol
Concen: 34.778 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tot Ion: 79 Resp: 272583
Ion Ratio Lower Upper
79 100
108 83.0 69.4 104.2
77 62.3 49.7 74.5

Instrument :
BNA_F
ClientSampleId :
PB115763BS

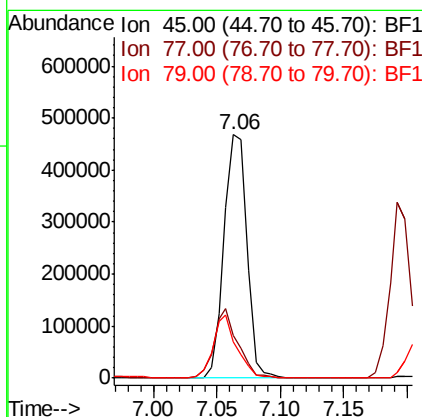
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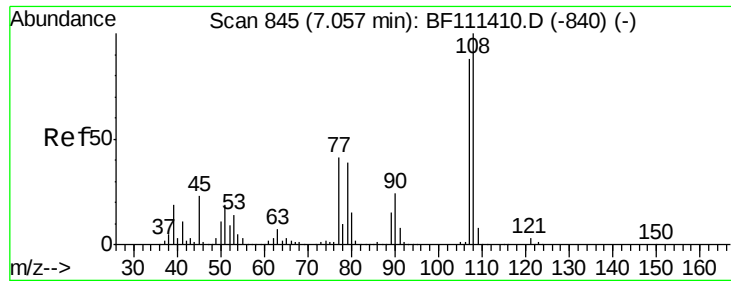
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.413 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion: 45 Resp: 586852
Ion Ratio Lower Upper
45 100
77 17.6 0.0 31.5
79 15.1 0.0 28.9





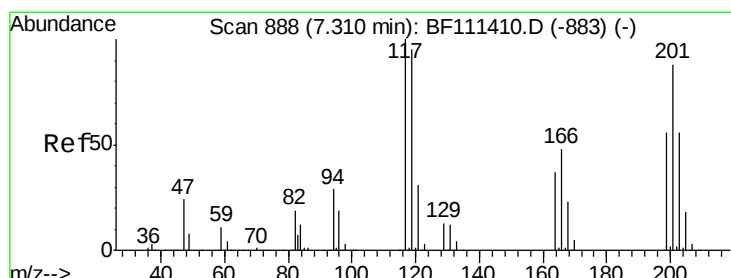
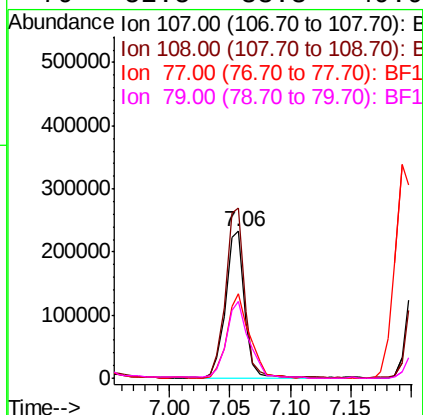
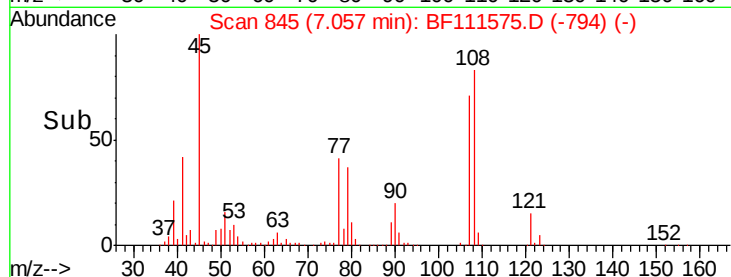
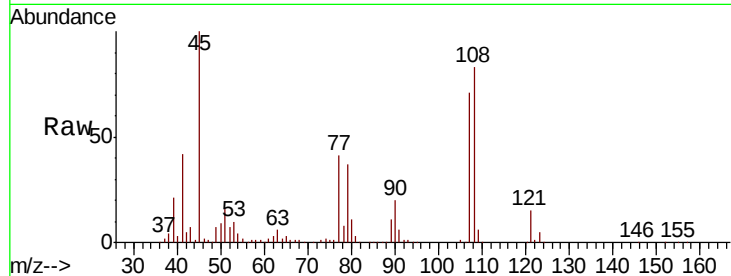
#17
2-Methylphenol
Concen: 34.291 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleID :
PB115763BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	116.2	91.0	136.4
77	57.2	33.5	50.3
79	52.5	33.3	49.9

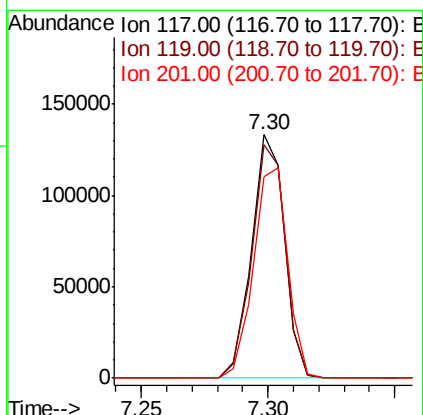
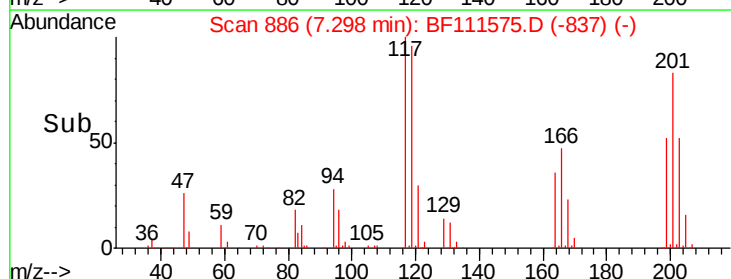
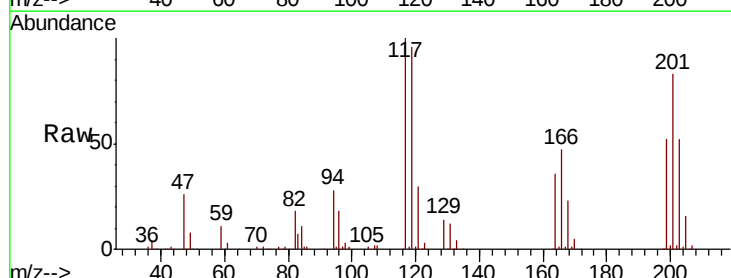
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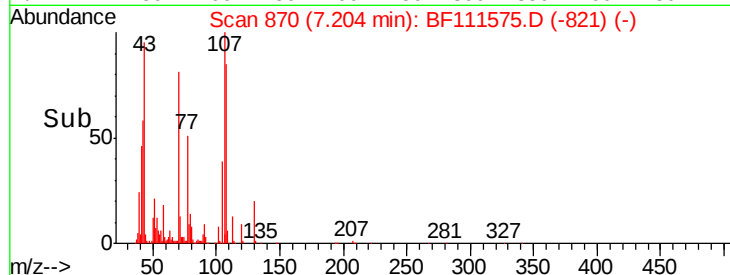
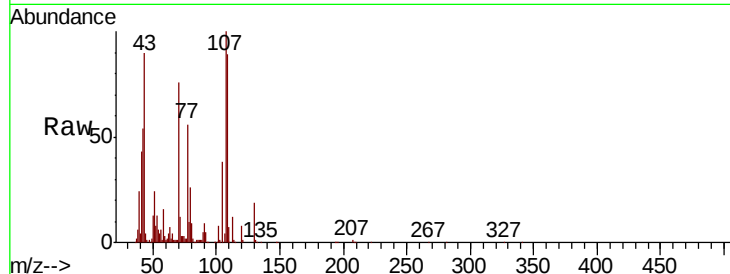
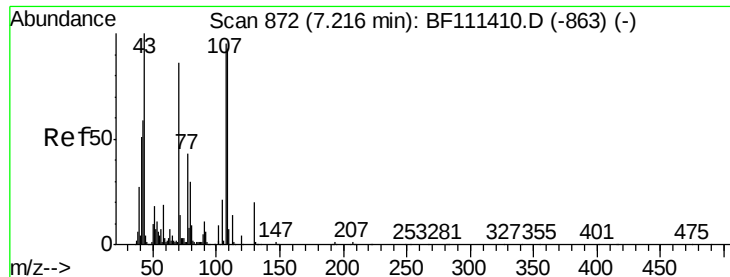
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#18
Hexachloroethane
Concen: 31.354 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.6	75.4	113.0
201	82.7	62.4	93.6





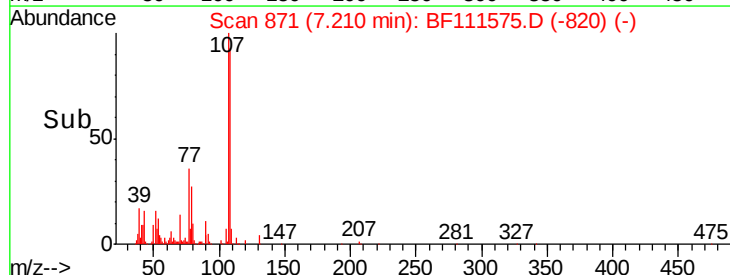
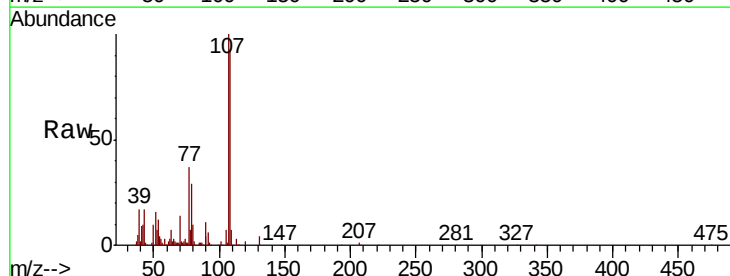
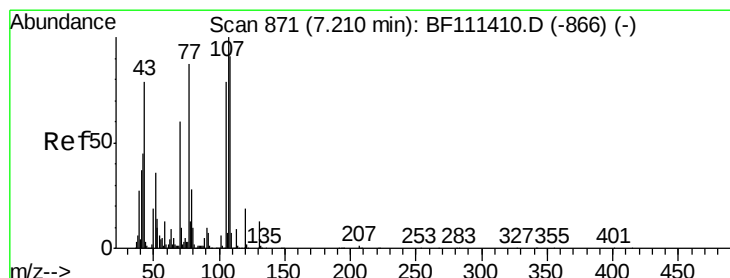
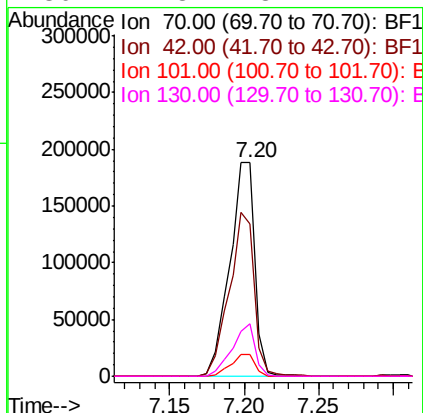
#19
n-Nitroso-di-n-propylamine
Concen: 32.787 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	71.3	53.2	79.8	
101	10.0	8.2	12.4	
130	24.8	18.1	27.1	

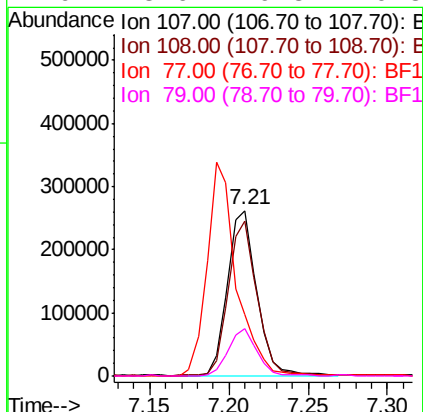
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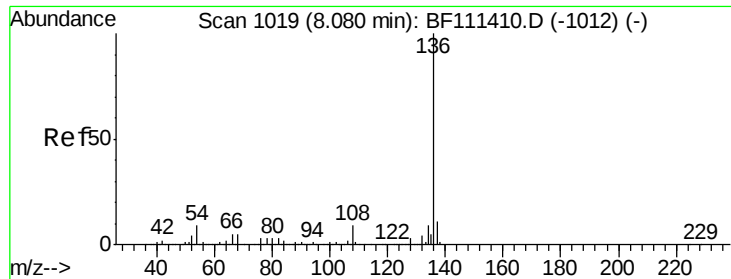
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#20
3+4-Methylphenols
Concen: 35.788 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	93.5	72.1	112.1	
77	37.0	94.1	134.1#	
79	28.6	9.8	49.8	





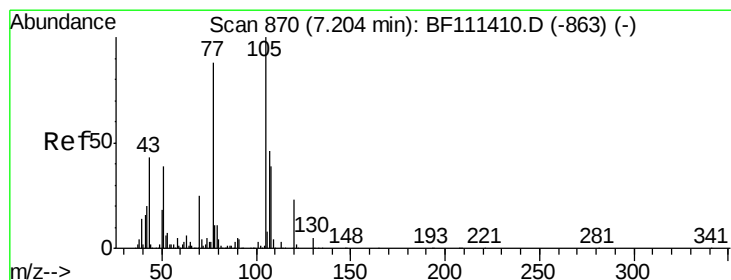
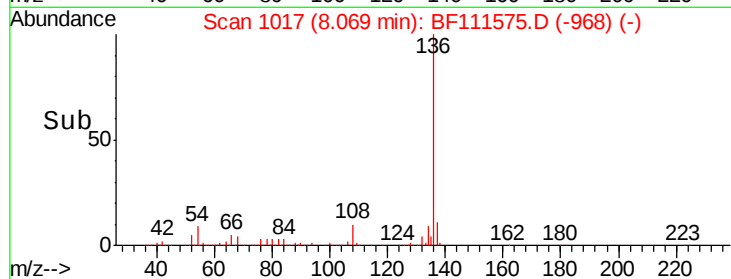
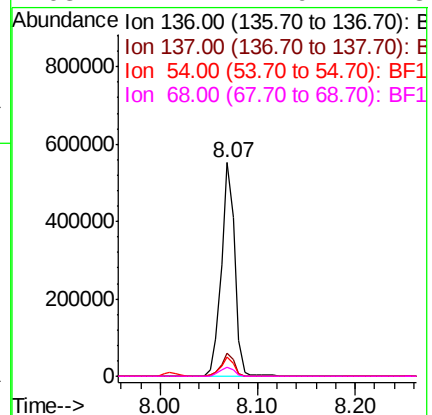
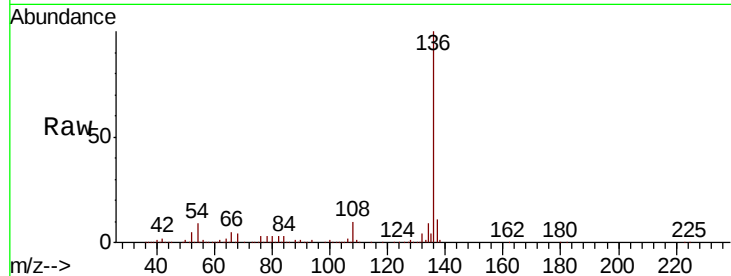
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.9	7.7	11.5	
68	4.4	4.9	7.3#	

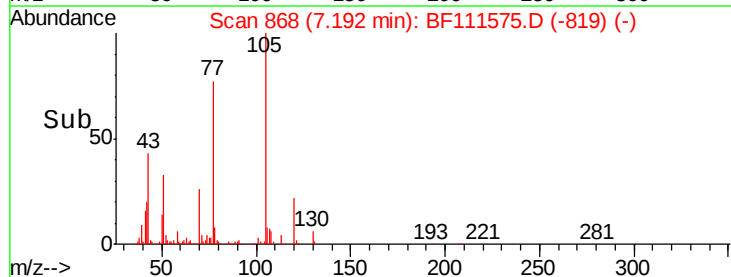
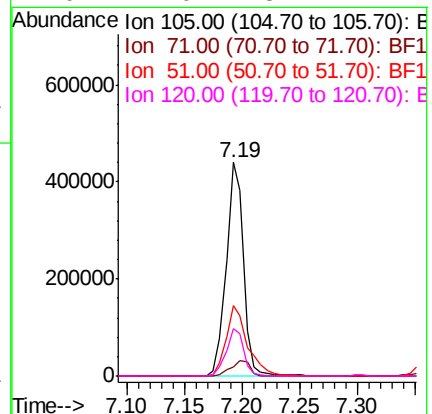
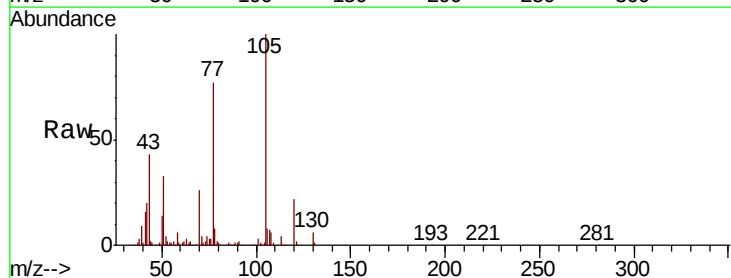
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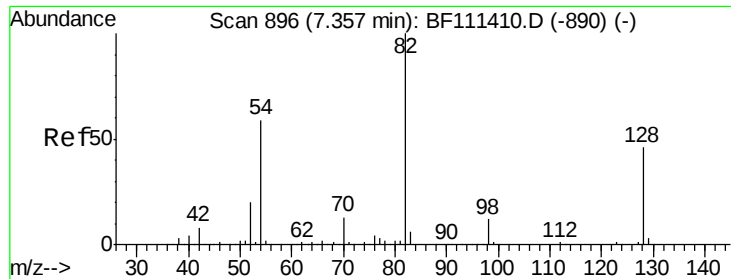
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#22
Acetophenone
Concen: 38.941 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	3.1	4.7	
51	32.8	36.6	54.8#	
120	22.0	18.2	27.4	





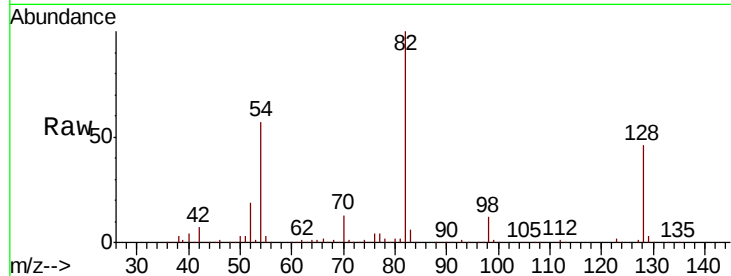
#23
Nitrobenzene-d5
Concen: 76.286 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

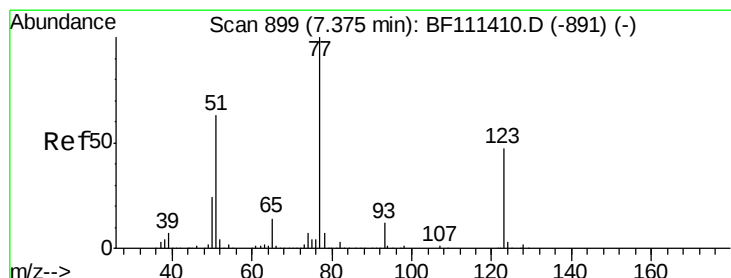
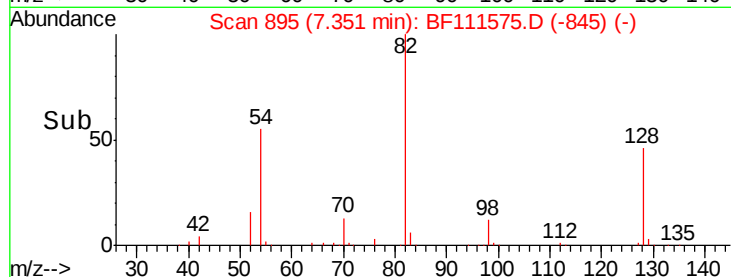
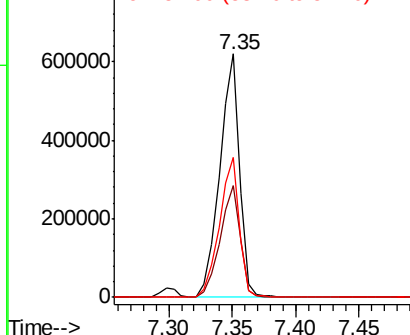
Tot Ion	Ratio	Resp	Lower	Upper
82	100	674262		
128	46.1		37.4	56.2
54	57.3		47.6	71.4

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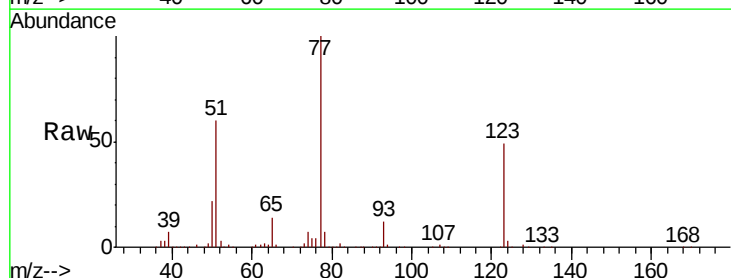


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

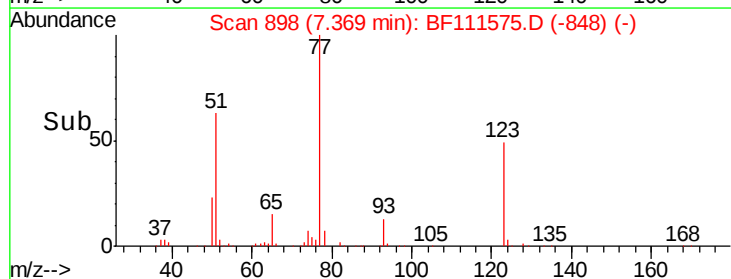
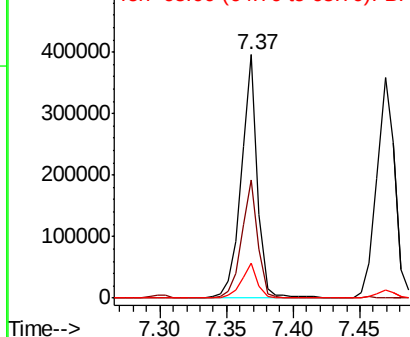


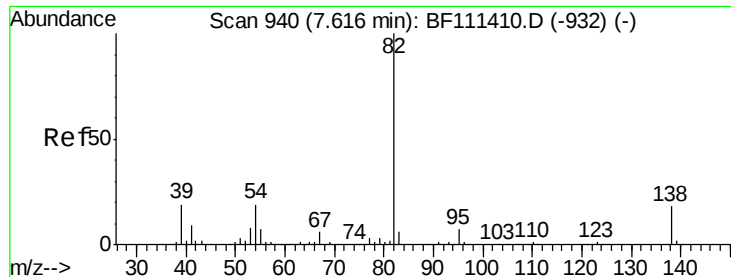
#24
Nitrobenzene
Concen: 36.338 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	327634		
123	48.7		37.2	55.8
65	14.2		11.5	17.3



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





#25

Isophorone

Concen: 39.865 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

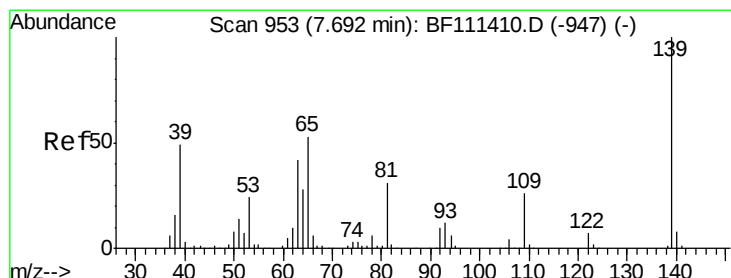
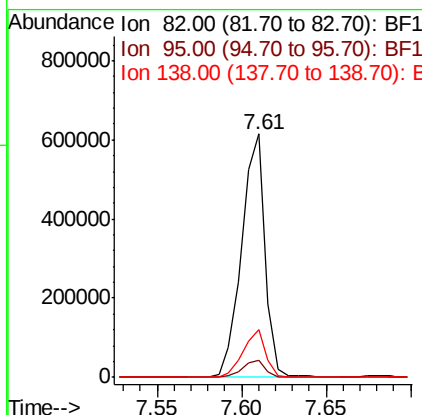
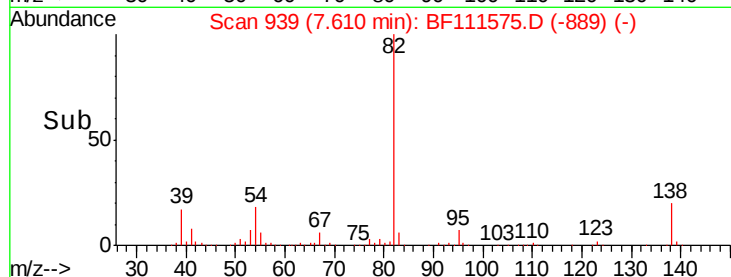
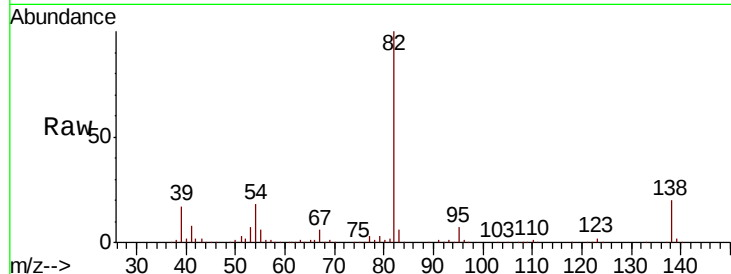
ClientSampleId :

PB115763BS

Tot Ion:	82	Resp:	596182
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	19.6	15.1	22.7

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#26

2-Nitrophenol

Concen: 32.395 ng

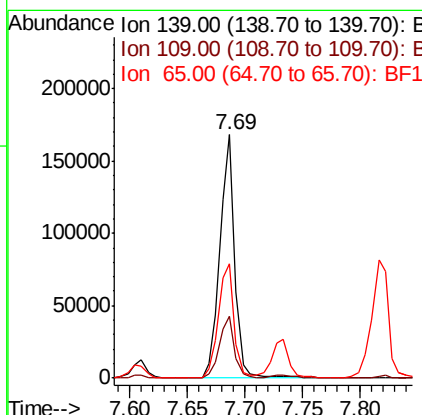
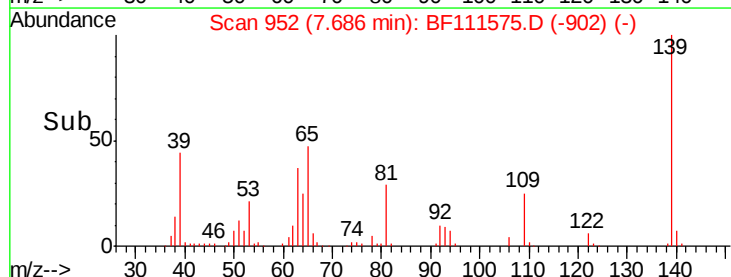
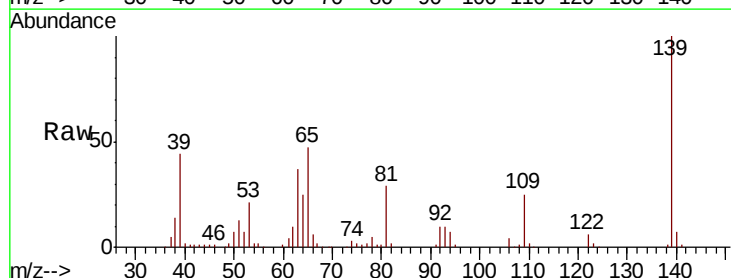
RT: 7.69 min Scan# 952

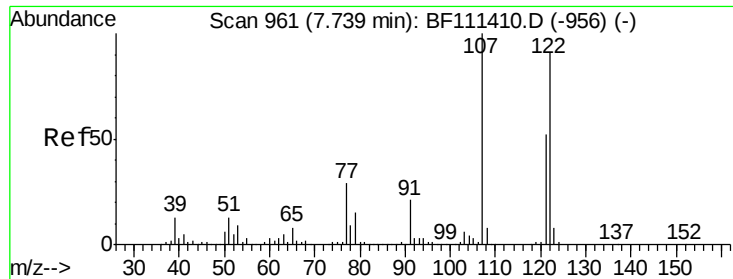
Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Tgt Ion:	139	Resp:	151476
Ion Ratio		Lower	Upper
139	100		
109	25.5	20.2	30.4
65	47.0	40.7	61.1





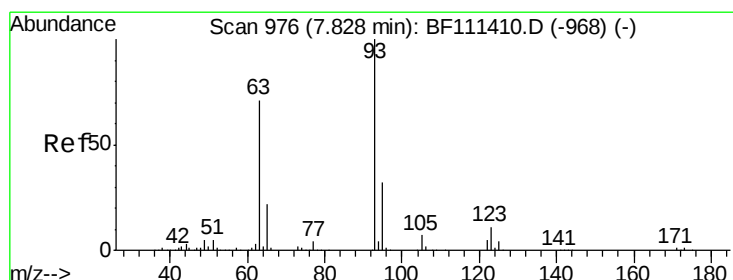
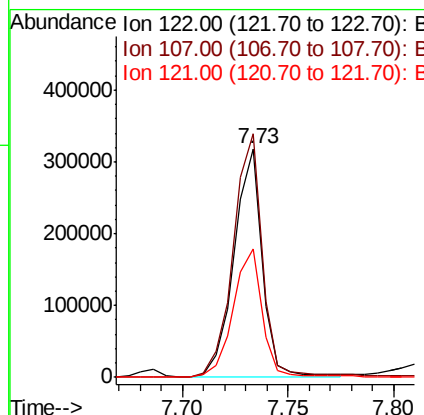
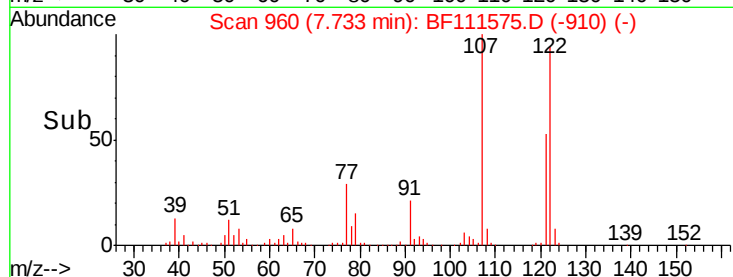
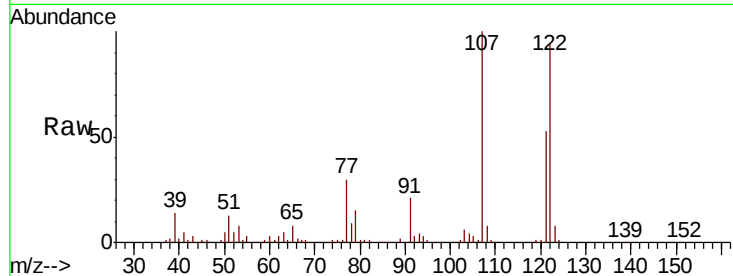
#27
2,4-Dimethylphenol
Concen: 43.242 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.6	85.5	128.3
121	56.2	46.6	70.0

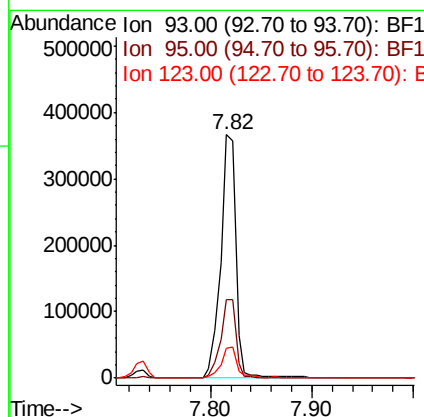
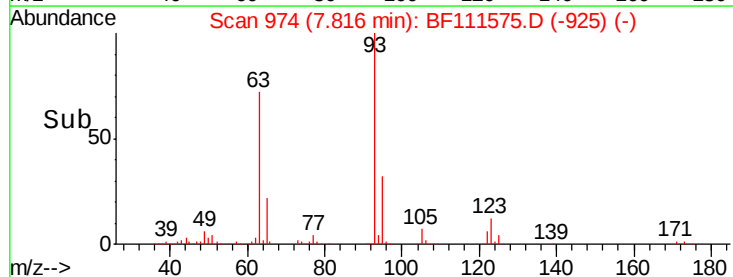
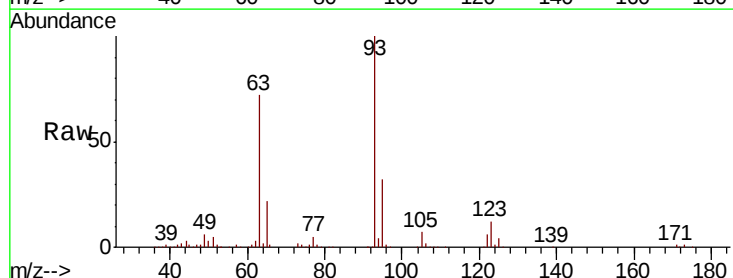
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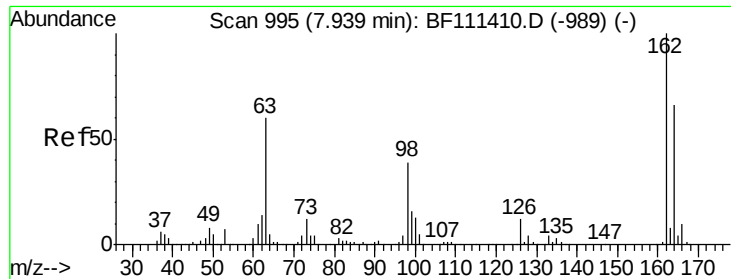
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.396 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.1	40.7
123	12.2	9.9	14.9





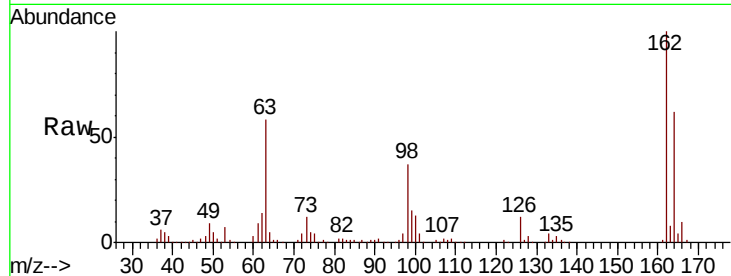
#29
2,4-Dichlorophenol
Concen: 37.025 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

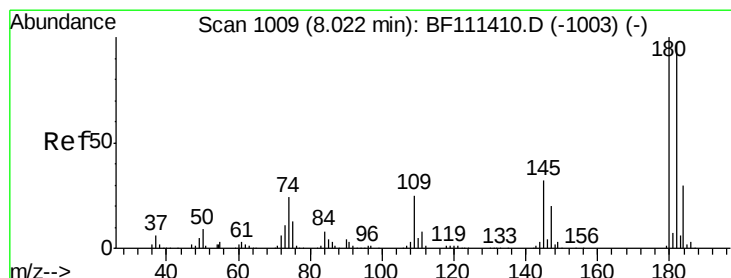
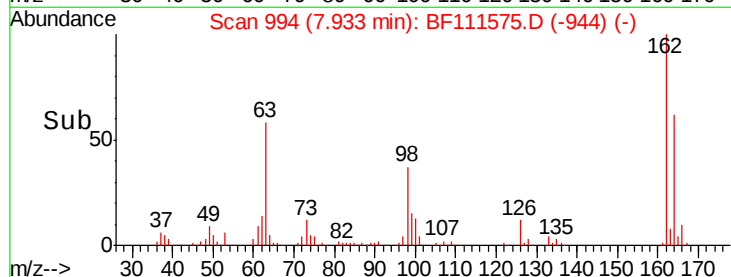
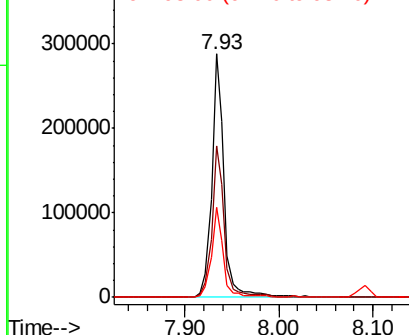
Tot Ion:	162	Resp:	267922
Ion Ratio	Lower	Upper	
162	100		
164	62.0	44.4	84.4
98	37.0	20.3	60.3

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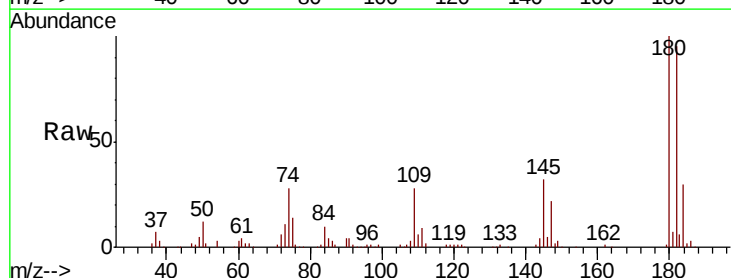


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

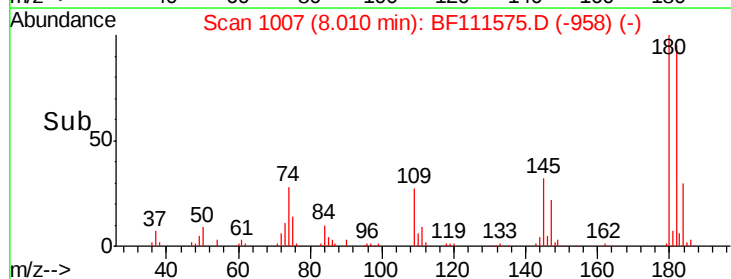
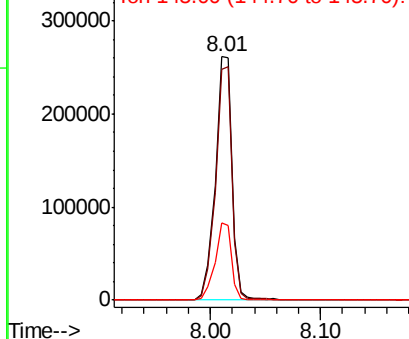


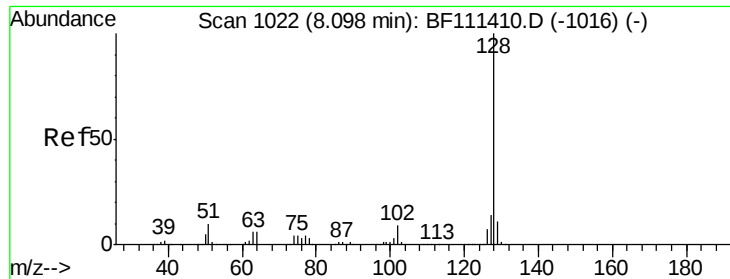
#30
1,2,4-Trichlorobenzene
Concen: 36.164 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion:	180	Resp:	273954
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.6	113.4
145	31.9	26.7	40.1



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





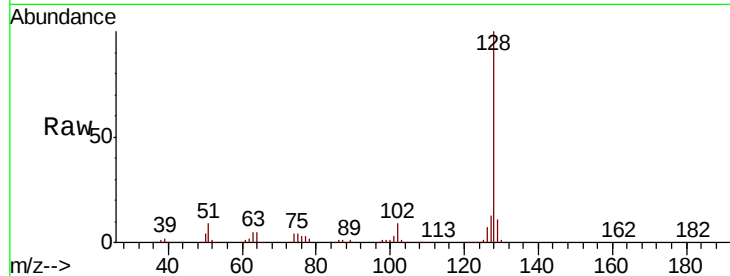
#31
Naphthalene
Concen: 39.122 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.8	14.8	
127	13.1	12.0	18.0	

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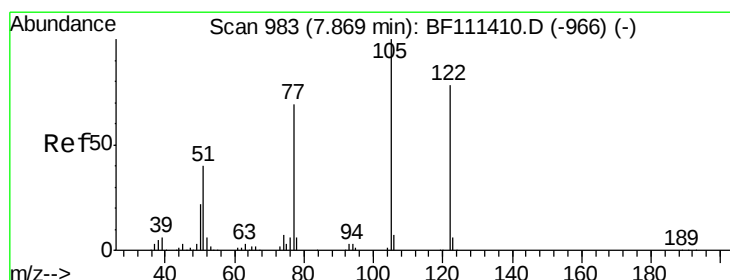
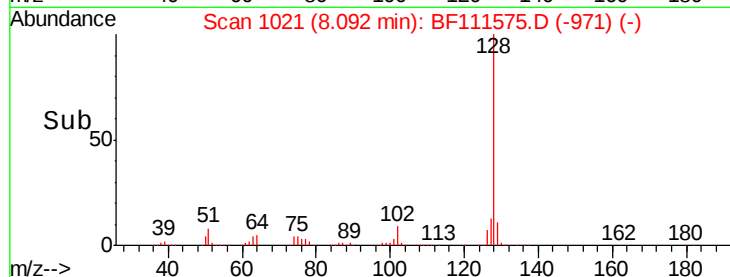
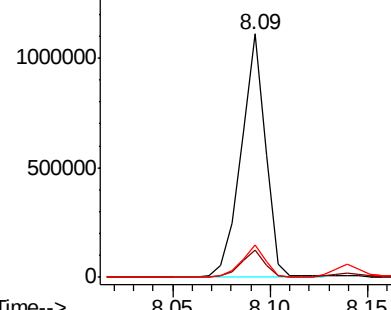


Abundance

Ion 128.00 (127.70 to 128.70): E

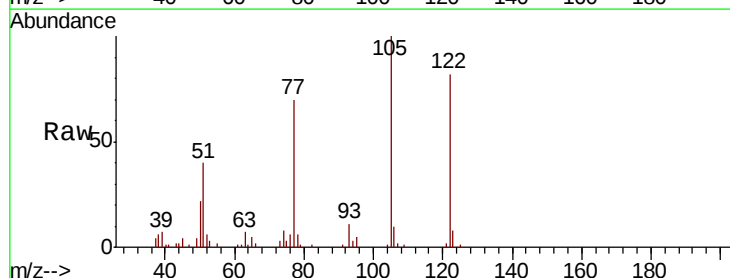
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 12.060 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.2	97.0	137.0	
77	85.0	65.7	105.7	

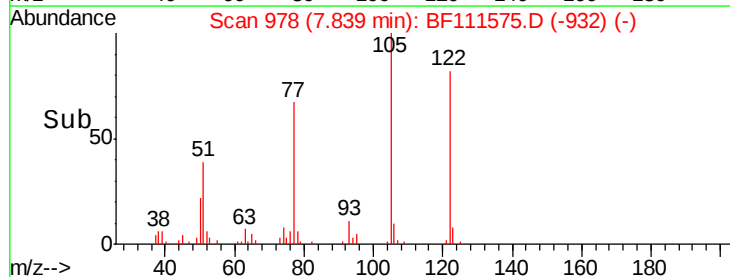
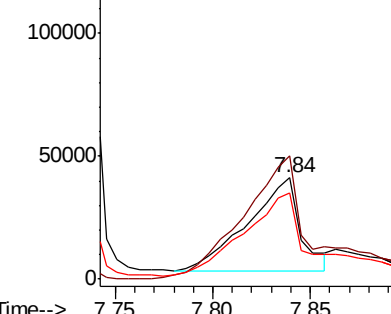


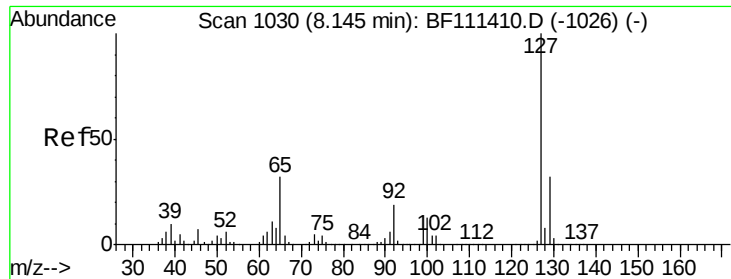
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





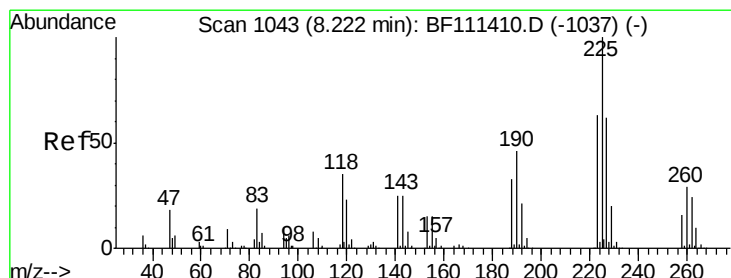
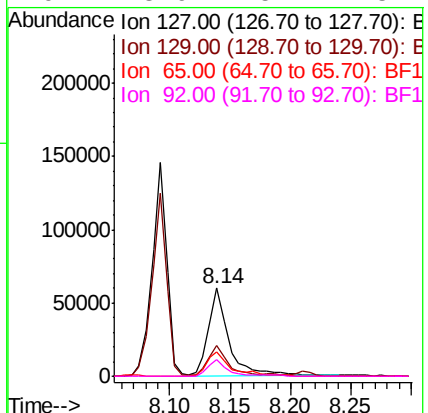
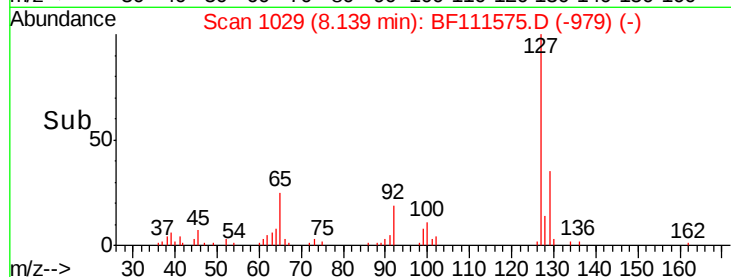
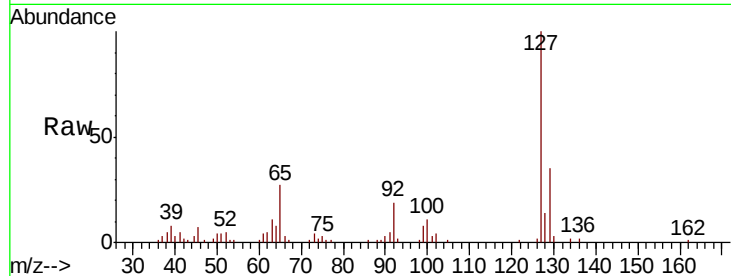
#33
4-Chloroaniline
Concen: 6.481 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.7	26.6	39.8		
65	27.2	25.7	38.5		
92	18.9	15.4	23.2		

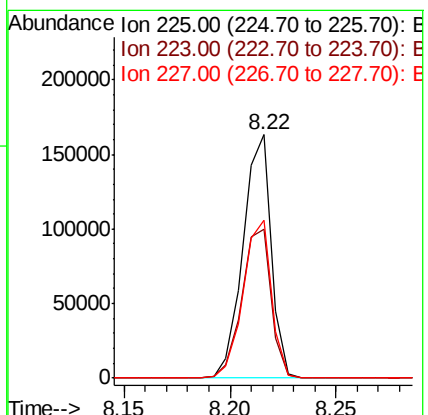
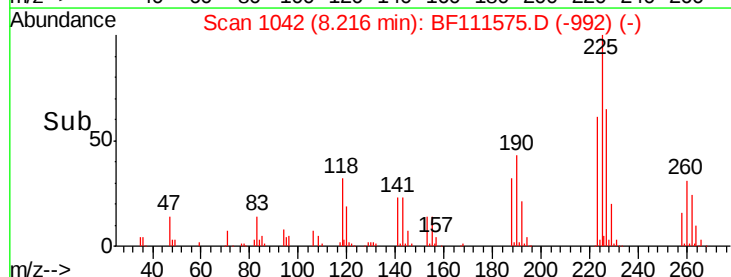
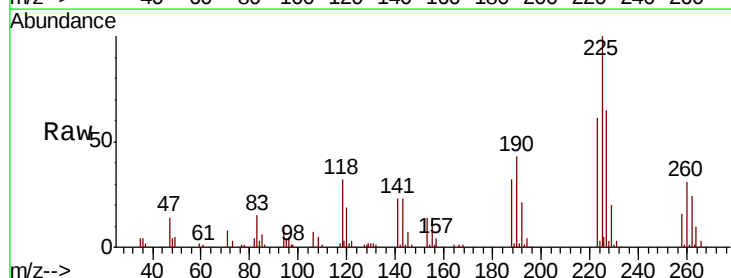
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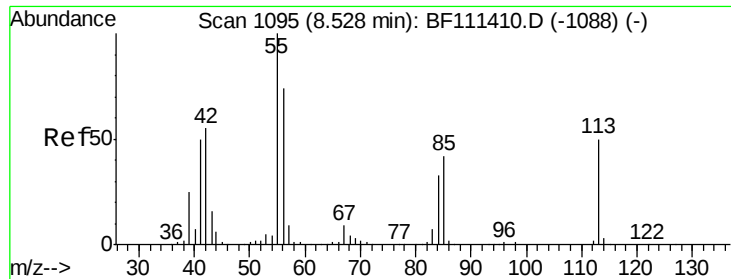
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#34
Hexachlorobutadiene
Concen: 36.209 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.7	76.1		
227	64.9	52.6	78.8		





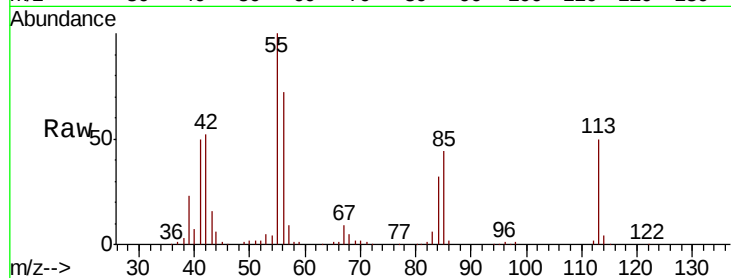
#35
Caprolactam
Concen: 30.519 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.6	184.1	224.1
56	144.9	126.0	166.0

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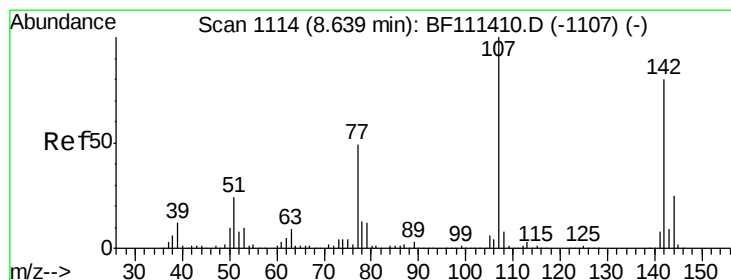
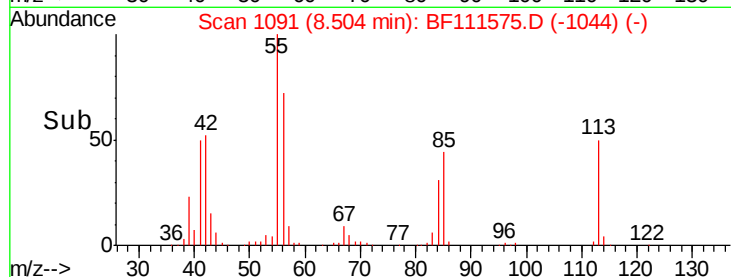
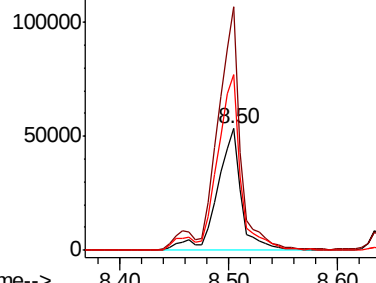


Abundance

Ion 113.00 (112.70 to 113.70): E

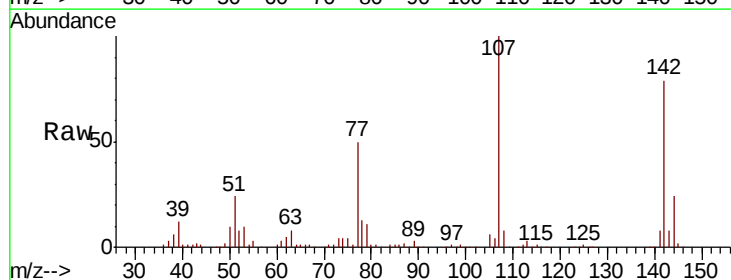
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 33.218 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.8	29.6
142	78.9	62.3	93.5

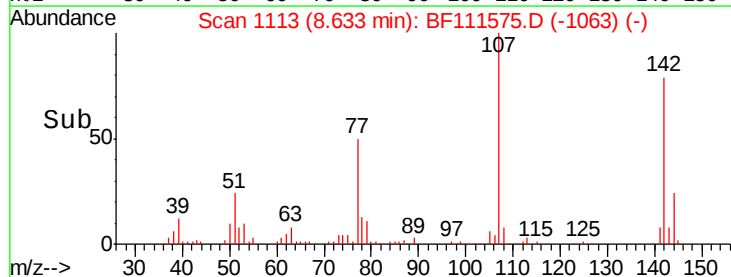
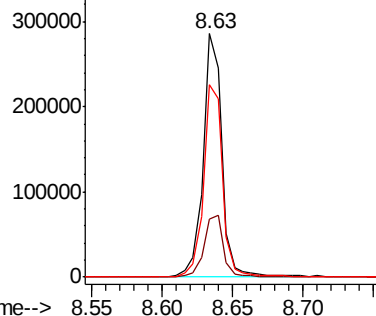


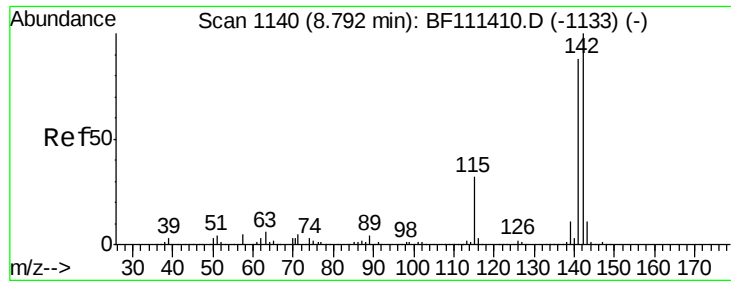
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





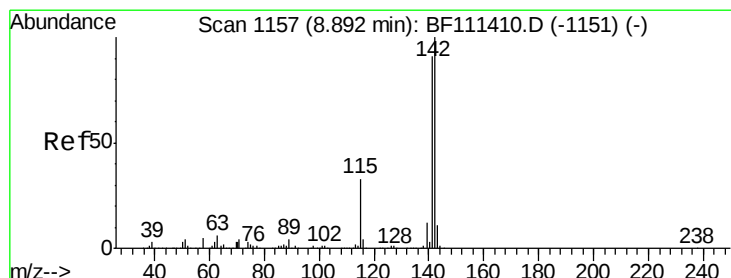
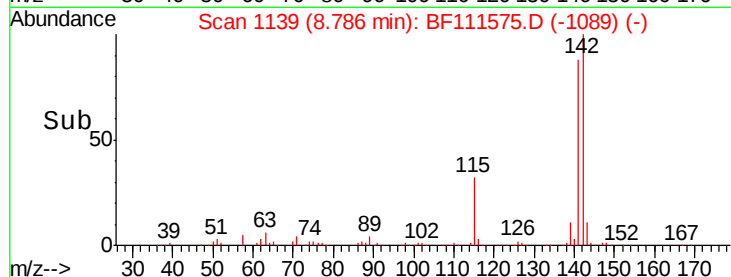
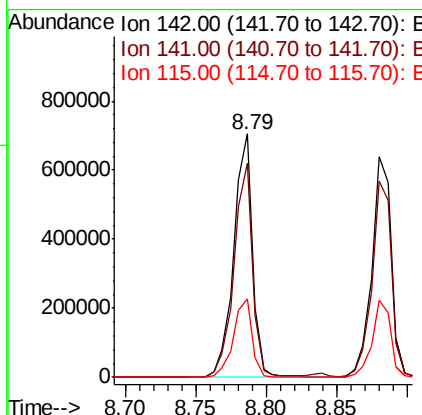
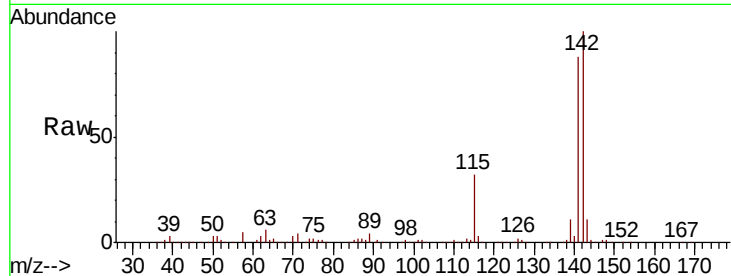
#37
2-Methylnaphthalene
Concen: 39.297 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	32.3	27.0	40.6

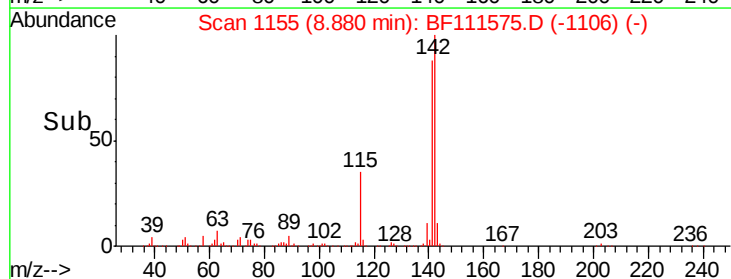
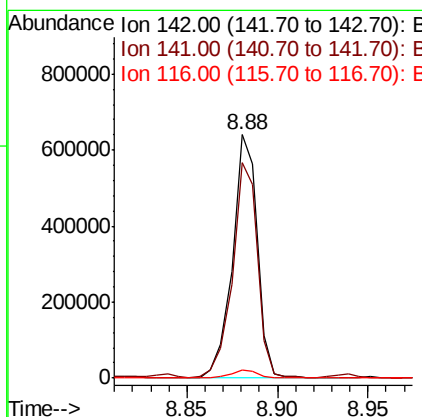
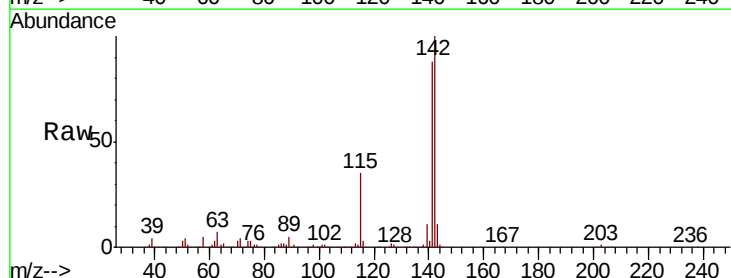
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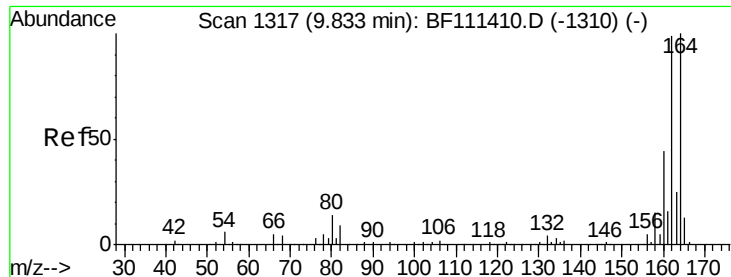
Sohil
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#38
1-Methylnaphthalene
Concen: 37.814 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	74.2	111.4
116	3.3	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

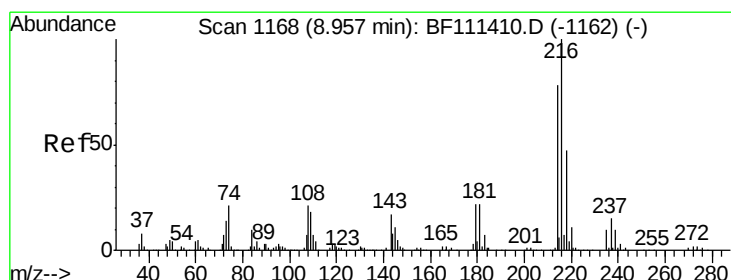
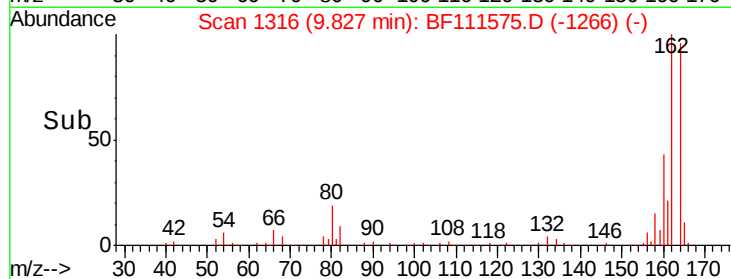
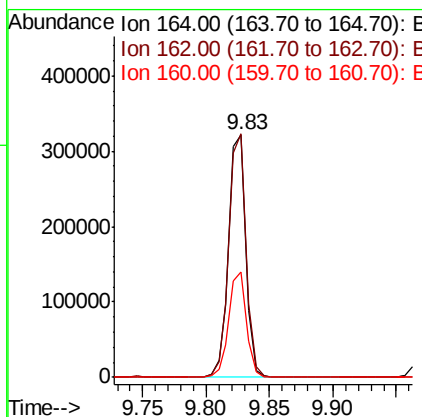
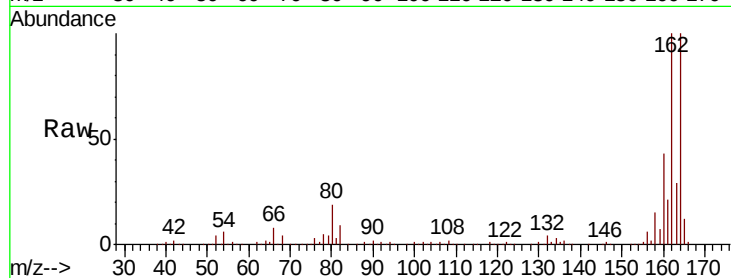
ClientSampleId :

PB115763BS

Tot Ion:	164	Resp:	300834
Ion Ratio	Lower	Upper	
164	100		
162	100.3	81.4	122.0
160	43.4	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.494 ng

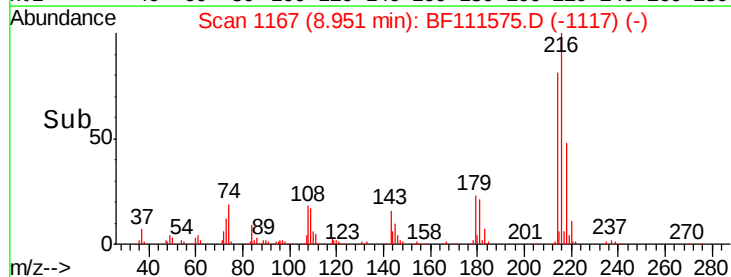
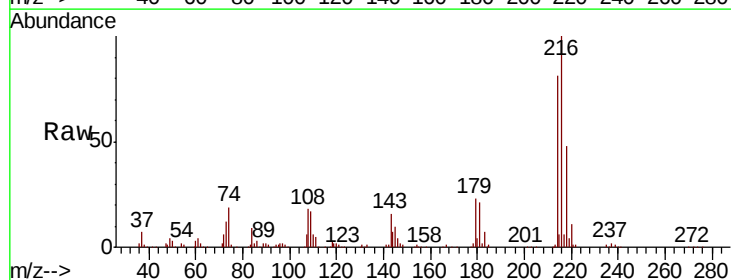
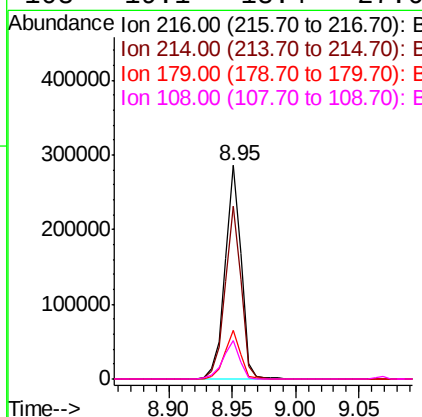
RT: 8.95 min Scan# 1167

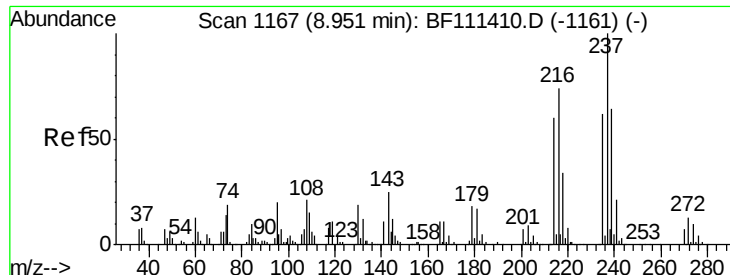
Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Tgt Ion:	216	Resp:	251579
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.8	95.8
179	22.2	17.9	26.9
108	19.1	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 16.251 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

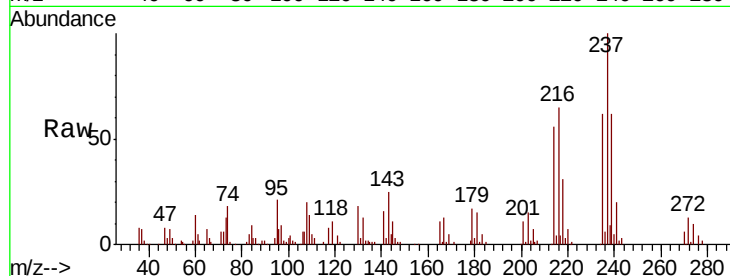
ClientSampleId :

PB115763BS

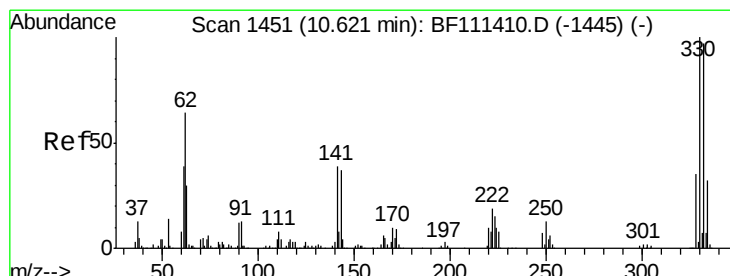
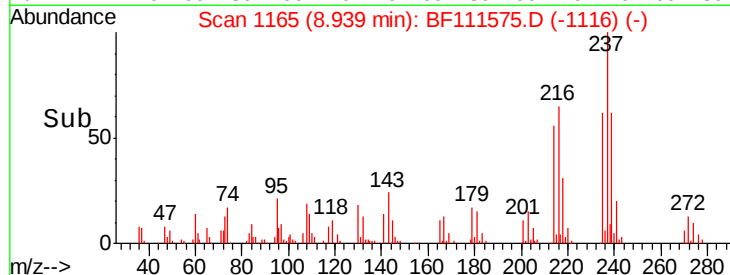
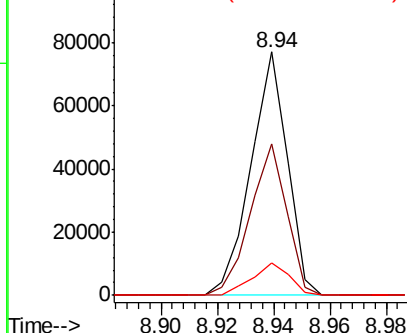
Tot Ion:	237	Resp:	68837
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.1	83.1
272	13.1	0.0	33.0

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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: 93.332 ng

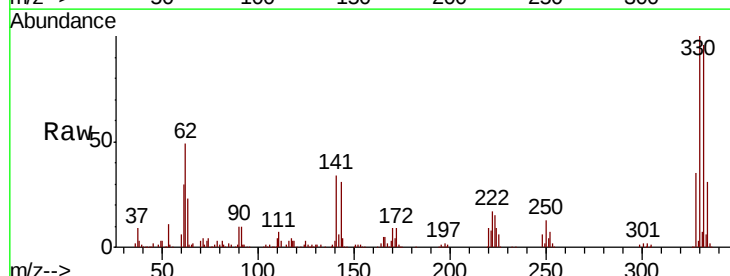
RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

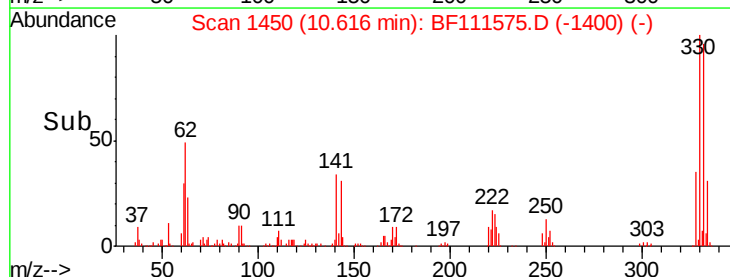
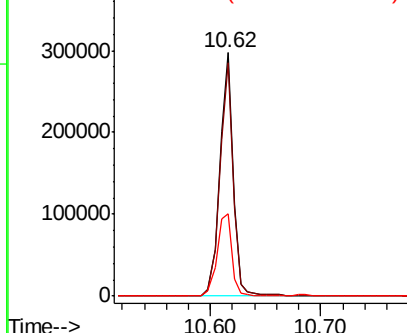
Lab File: BF111575.D

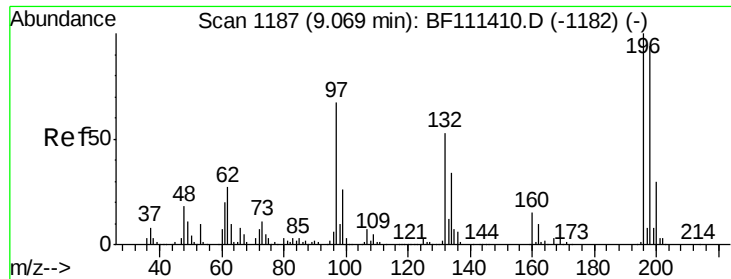
Acq: 18 Dec 2018 8:49

Tgt Ion:	330	Resp:	251514
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.0	114.0
141	37.5	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





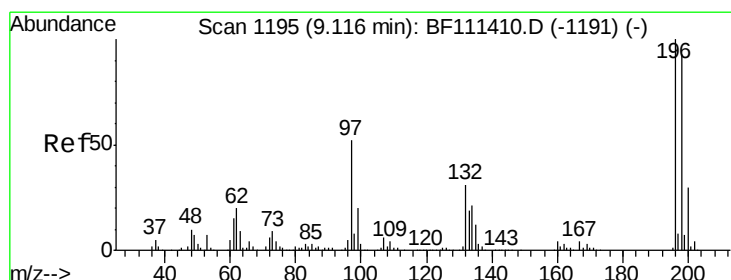
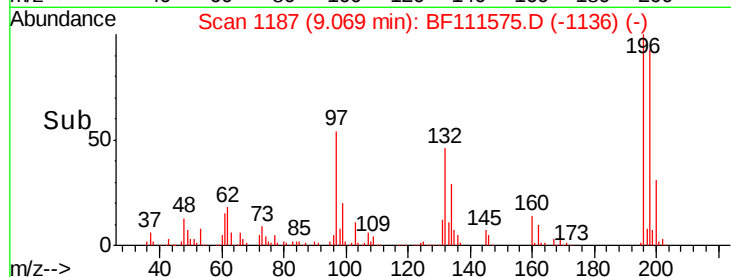
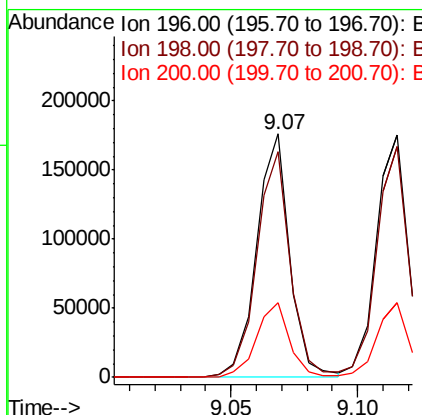
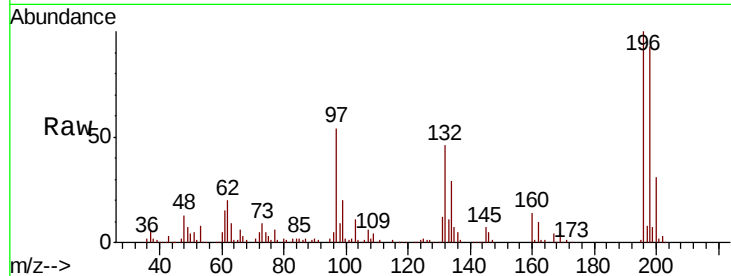
#43
2,4,6-Trichlorophenol
Concen: 27.369 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159808		
198	92.6	76.3	114.5	
200	30.9	24.9	37.3	

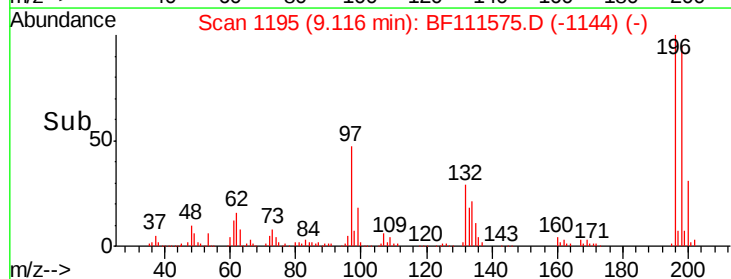
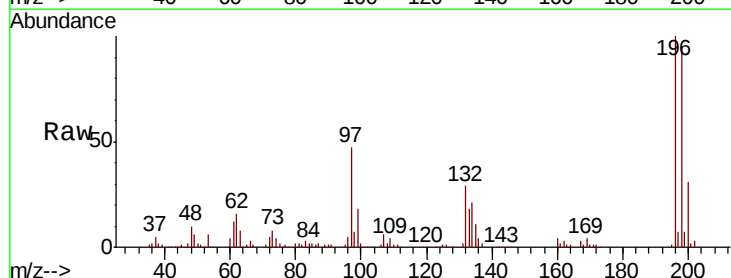
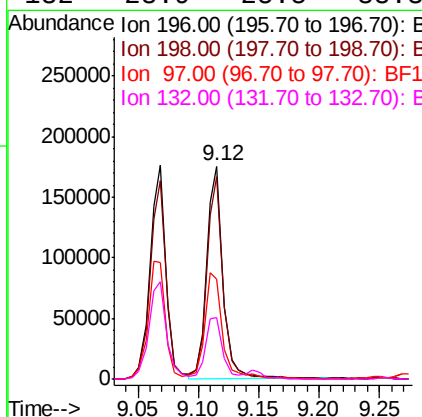
Manual Integrations
APPROVED

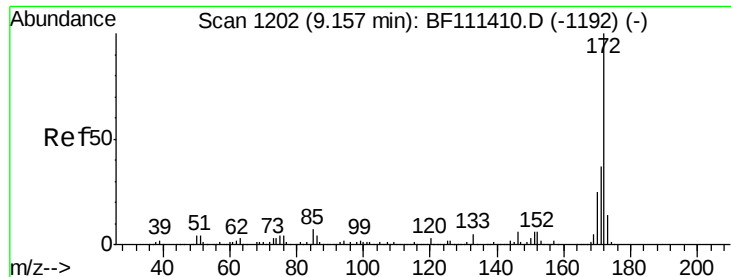
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#44
2,4,5-Trichlorophenol
Concen: 26.244 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163066		
198	95.3	72.9	109.3	
97	47.0	45.3	67.9	
132	28.9	25.5	38.3	





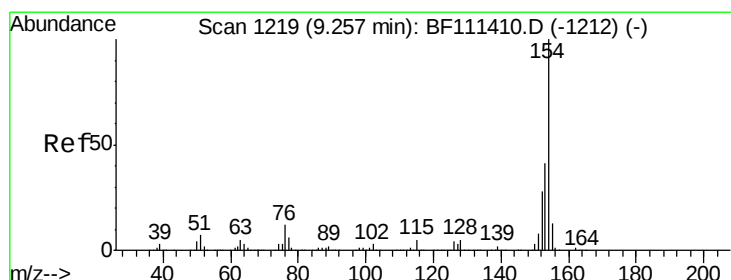
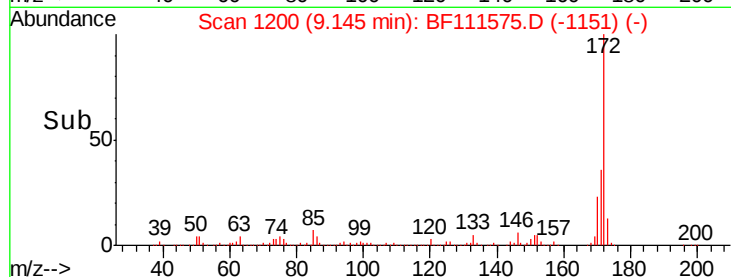
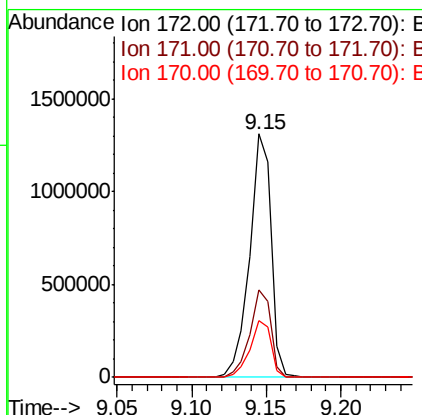
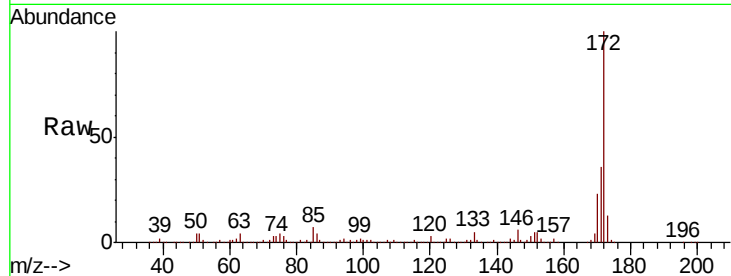
#45
2-Fluorobiphenyl
Concen: 66.583 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.5	22.3	33.5

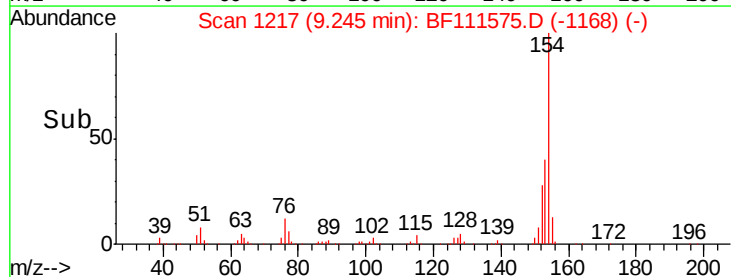
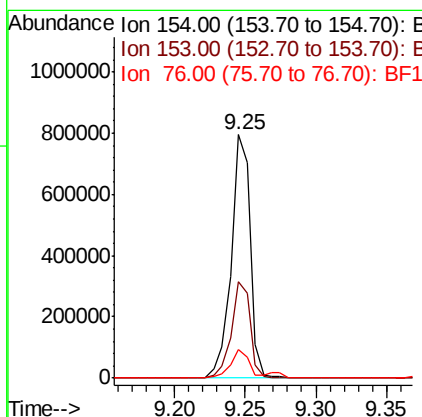
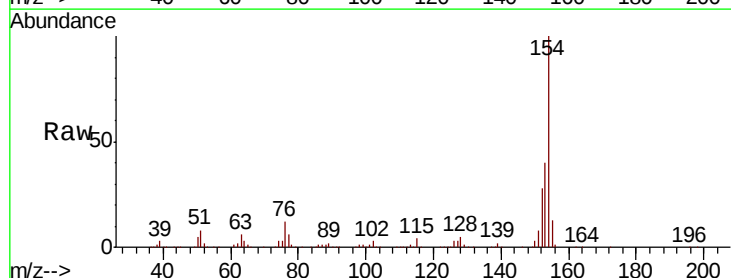
Manual Integrations
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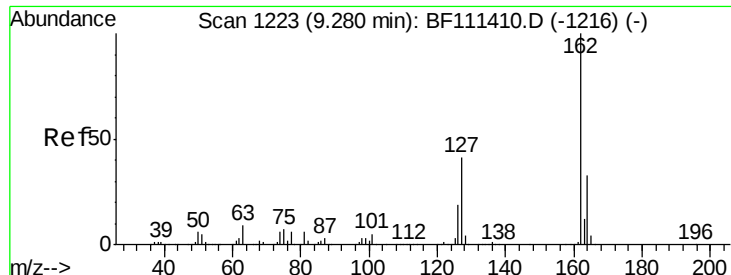
Sohil
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#46
1,1'-Biphenyl
Concen: 29.203 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	23.7	63.7
76	11.5	0.0	35.0





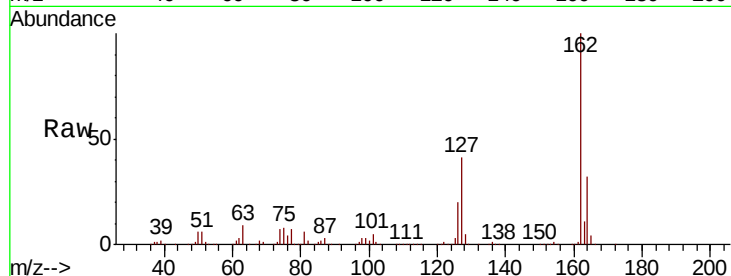
#47
2-Chloronaphthalene
Concen: 29.157 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

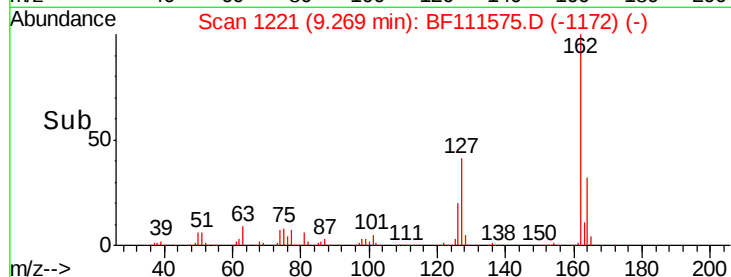
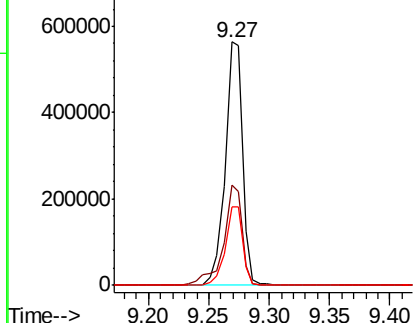
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.2	35.0	52.4	
164	32.2	28.4	42.6	

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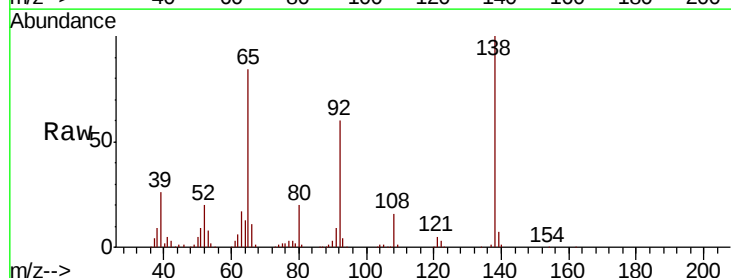
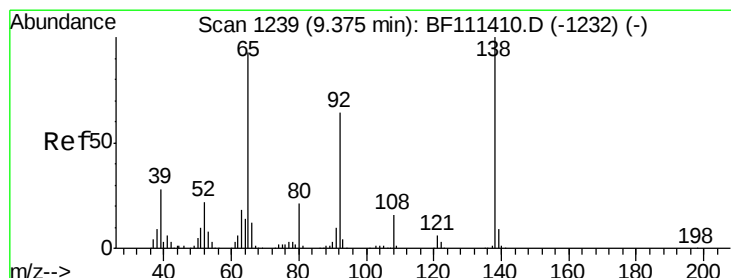
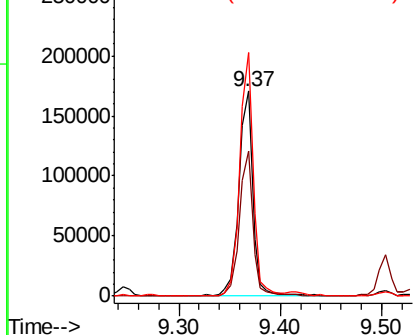
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

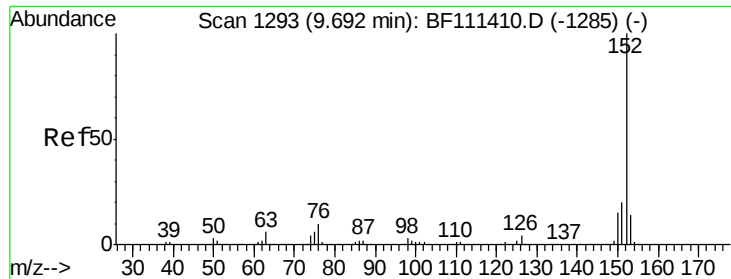


#48
2-Nitroaniline
Concen: 26.612 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.8	53.5	80.3	
138	119.0	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: 30.579 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

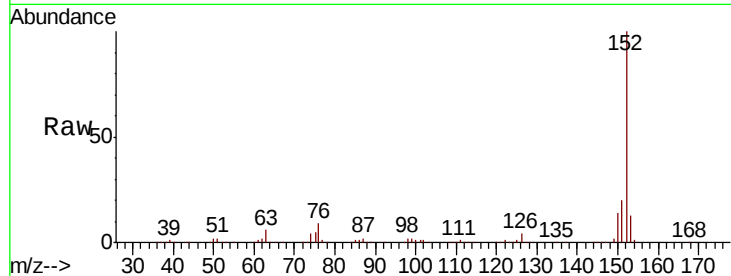
ClientSampleId :

PB115763BS

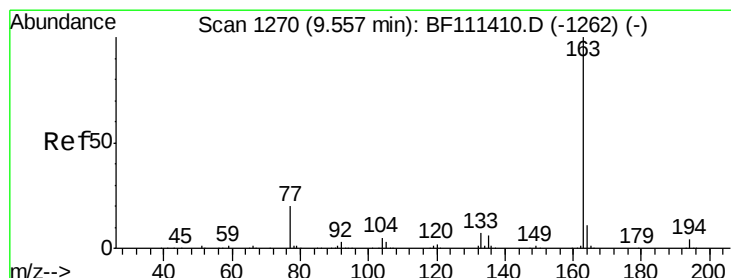
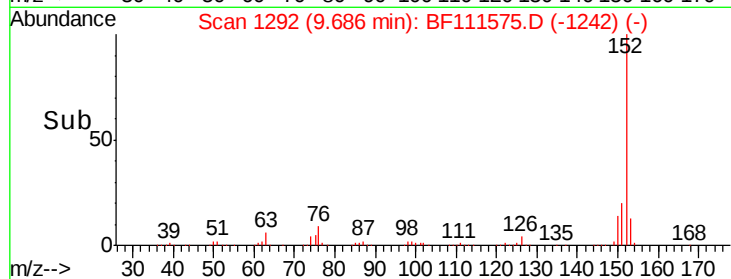
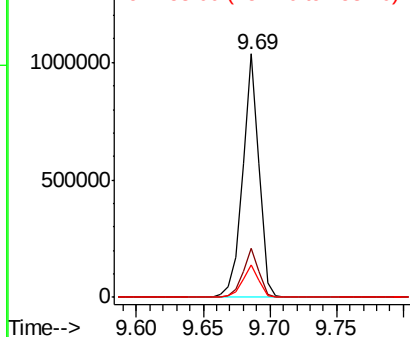
Tot Ion	Ratio	Resp	Lower	Upper
152	100	879455		
151	20.1		18.0	27.0
153	13.4		12.3	18.5

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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: 30.016 ng

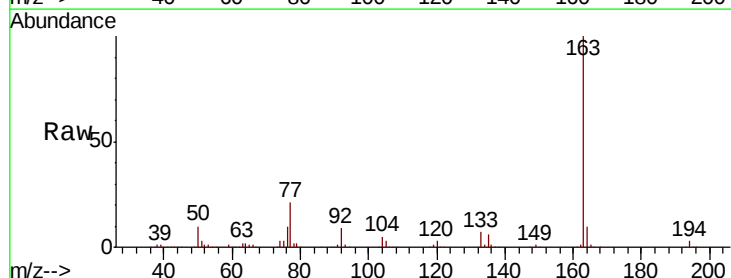
RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

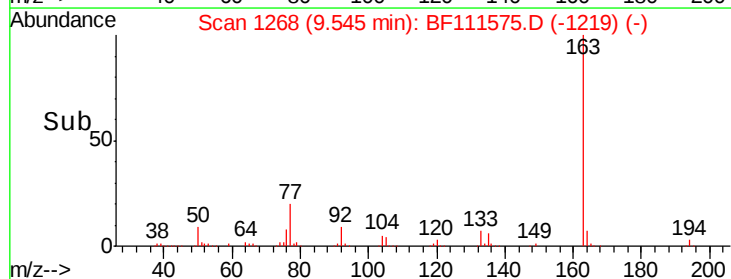
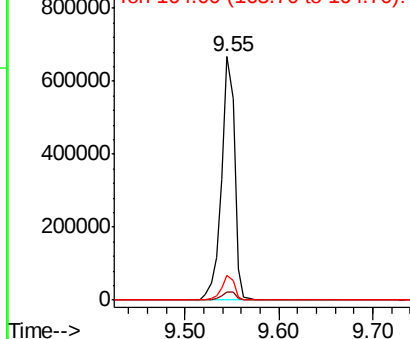
Lab File: BF111575.D

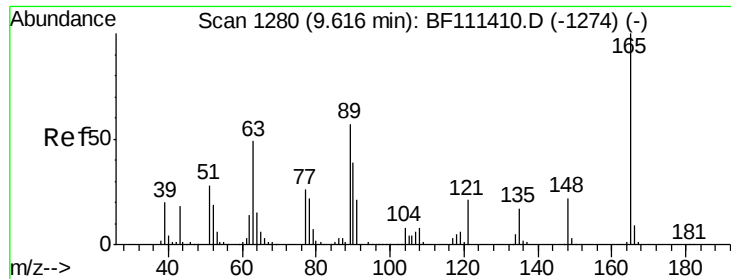
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	650318		
194	3.5		3.0	4.6
164	10.1		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





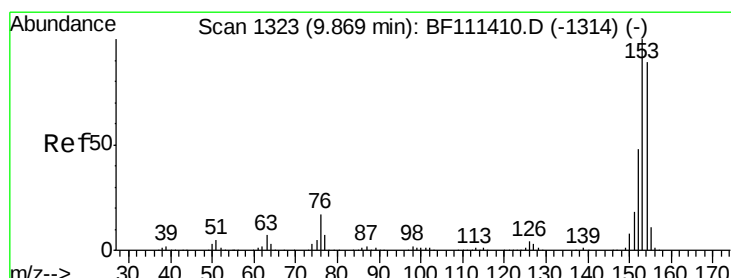
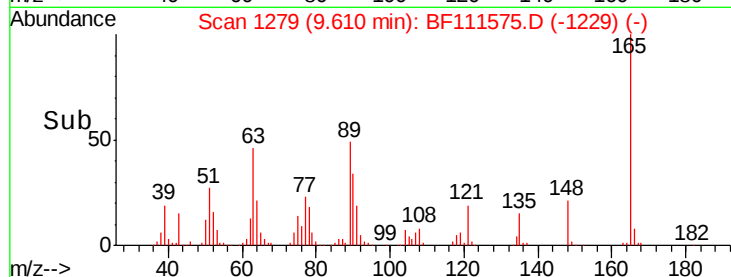
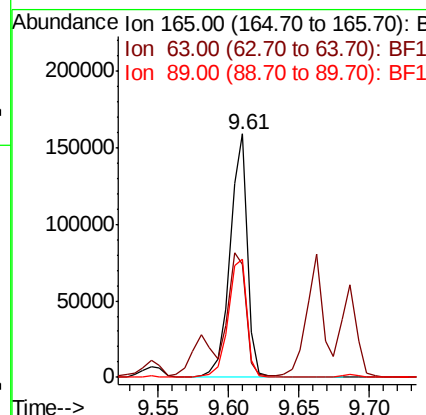
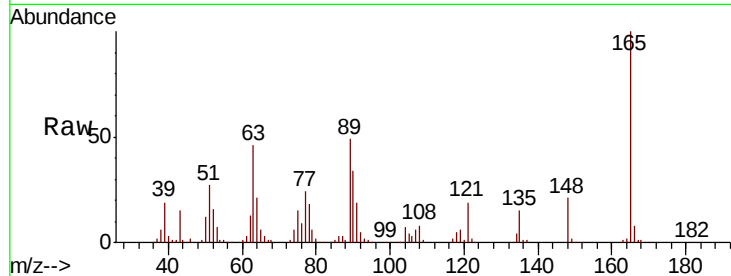
#51
2,6-Dinitrotoluene
Concen: 27.765 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	135400		
63	46.5		40.5	60.7
89	48.7		40.0	60.0

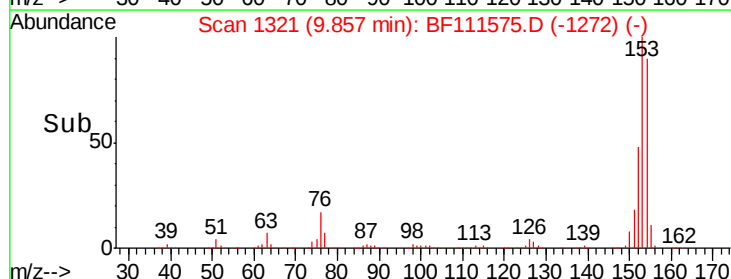
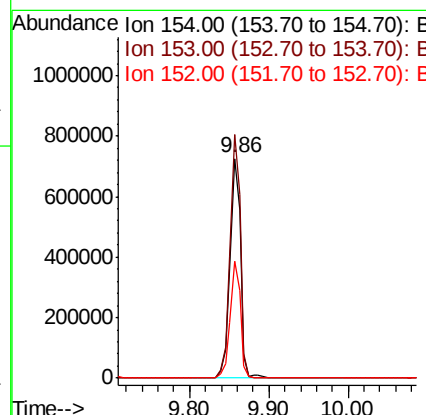
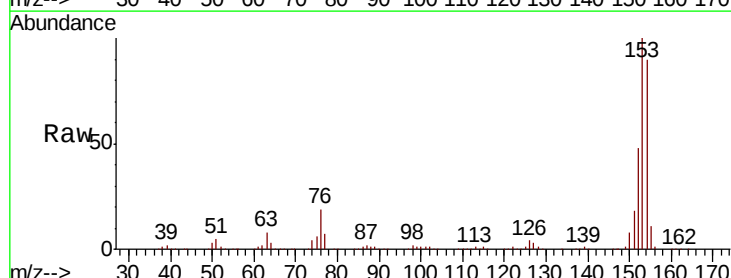
Manual Integrations
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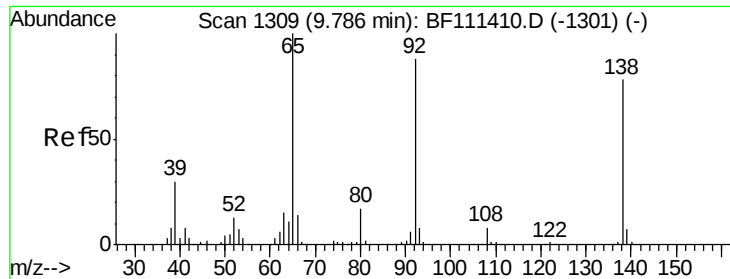
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#52
Acenaphthene
Concen: 36.594 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	665195		
153	110.7		87.8	131.8
152	52.9		43.4	65.2





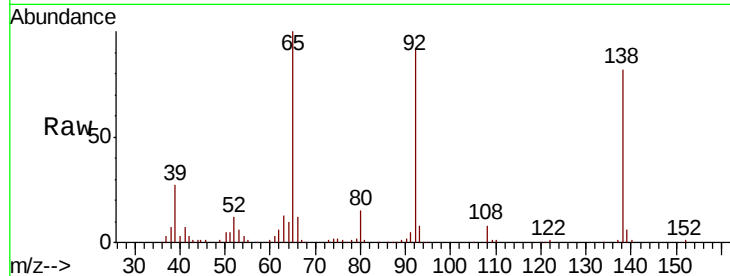
#53
3-Nitroaniline
Concen: 19.071 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	112966		
108	9.8	8.2	12.4	
92	113.0	93.4	140.2	

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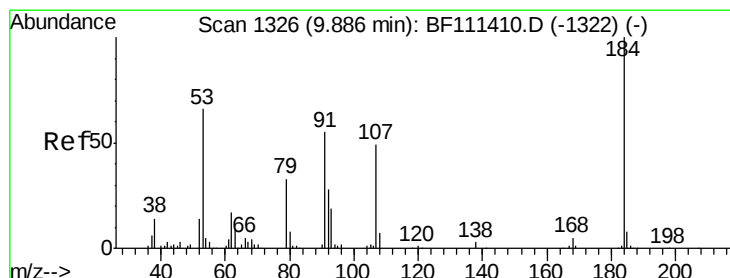
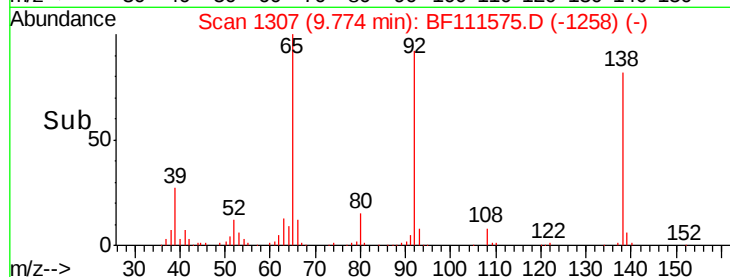
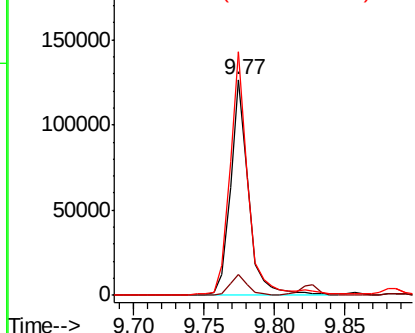


Abundance

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: 9.626 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

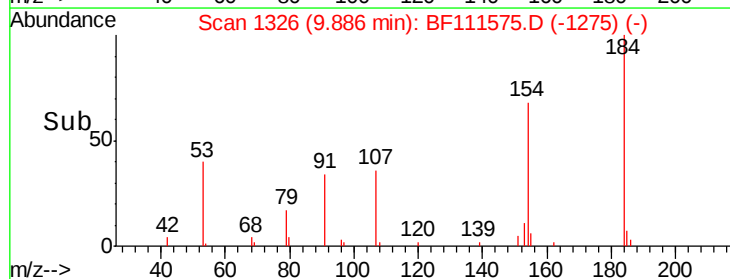
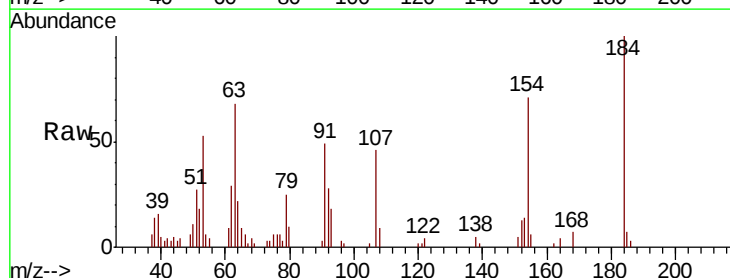
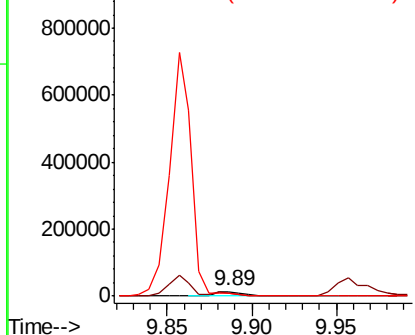
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	17859		
63	67.8	62.3	93.5	
154	71.1	56.2	84.2	

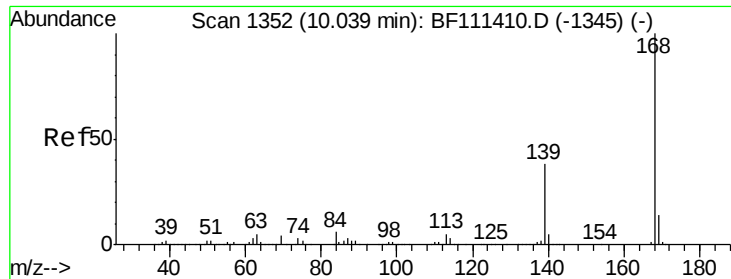
Abundance

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





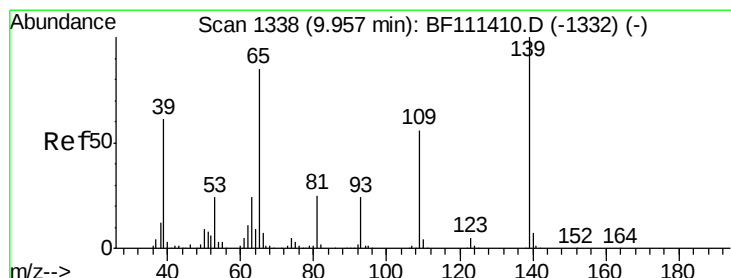
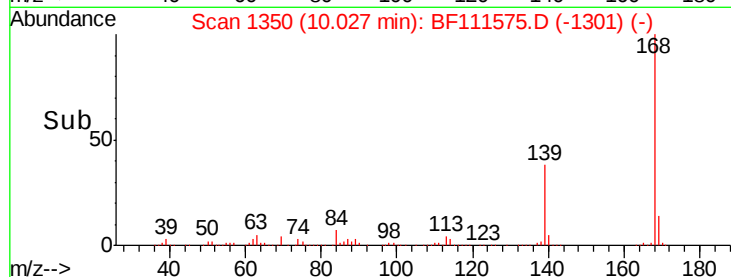
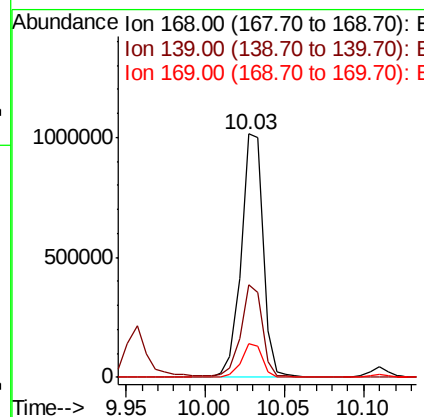
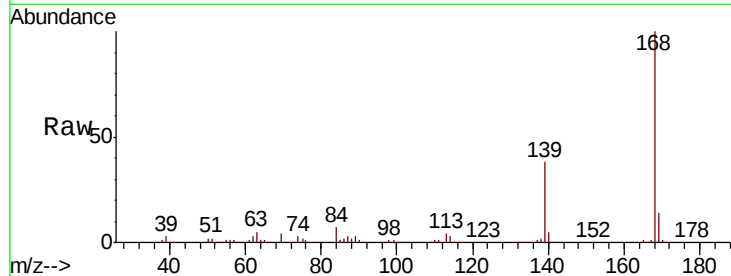
#55
Dibenzofuran
Concen: 37.213 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	32.6	49.0
169	13.8	11.8	17.6

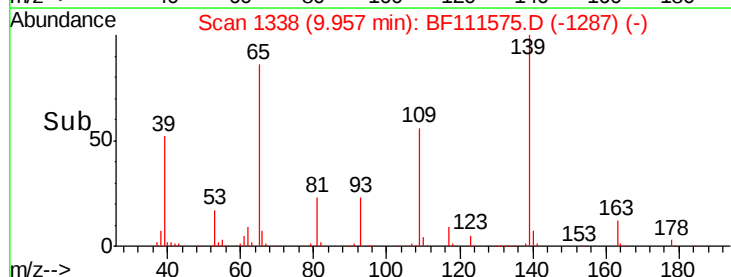
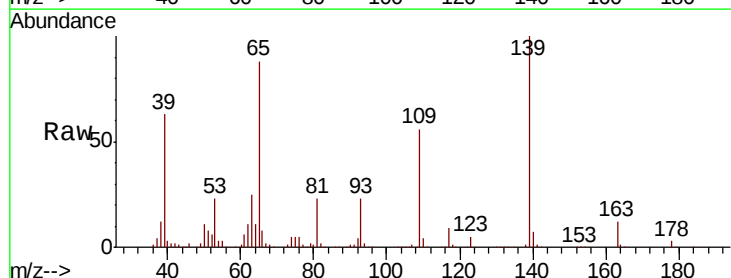
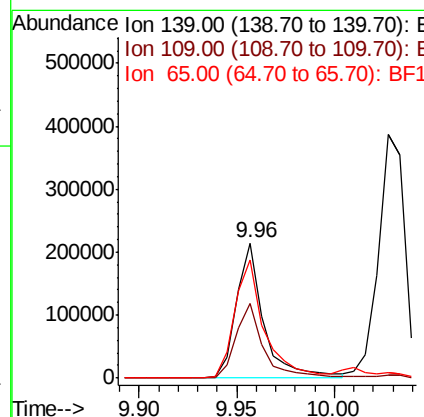
Manual Integrations
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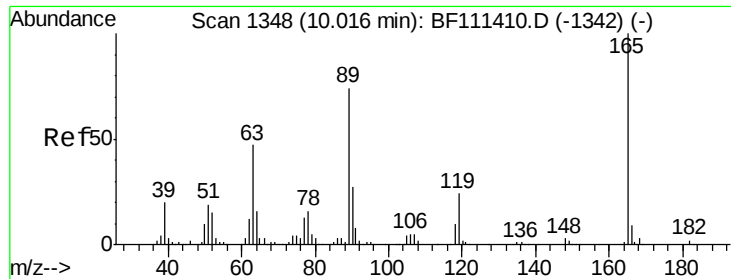
Sohil
12/18/2018 12:50:08 PM



#56
4-Nitrophenol
Concen: 50.950 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.7	41.8	81.8
65	87.5	79.6	119.6





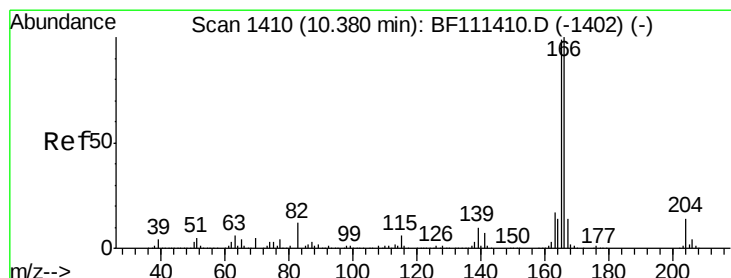
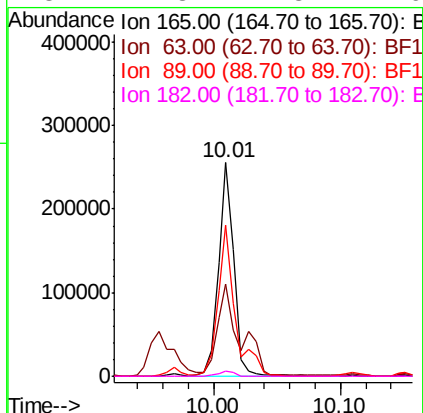
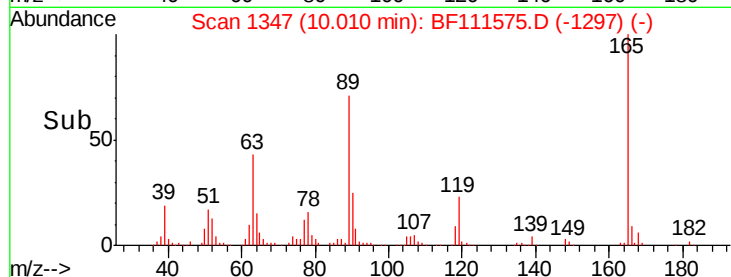
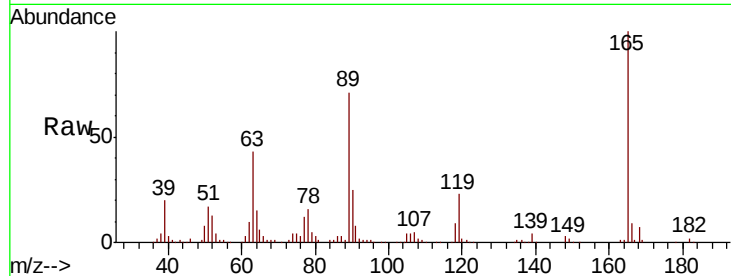
#57
2,4-Dinitrotoluene
Concen: 33.776 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.9	34.6	52.0	
89	71.0	56.2	84.4	
182	2.3	1.8	2.6	

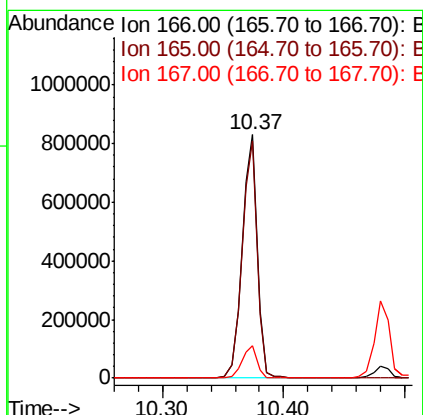
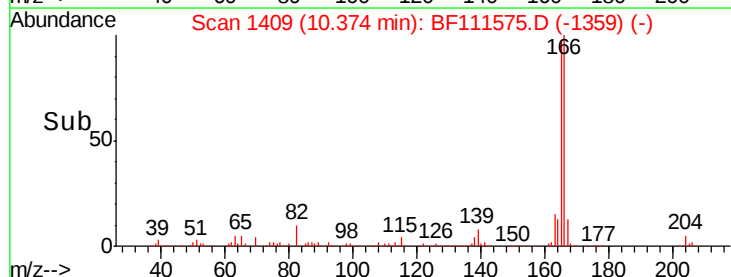
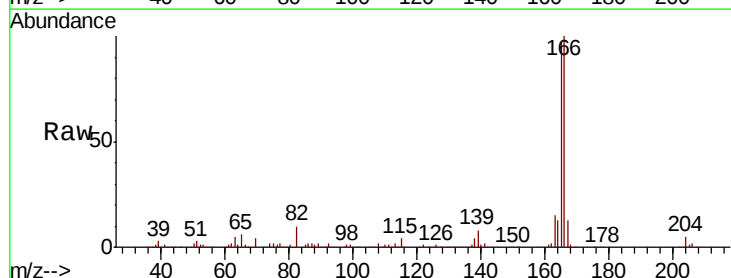
Manual Integrations
APPROVED

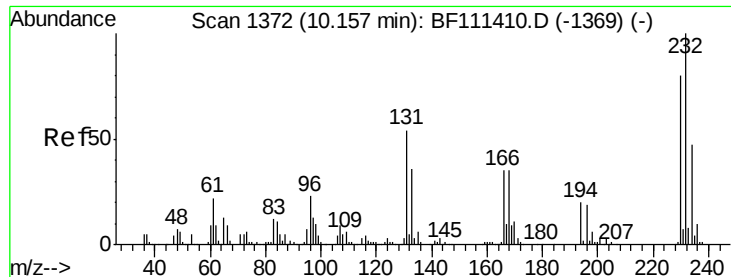
Sohil
12/18/2018 12:50:08 PM



#58
Fluorene
Concen: 37.923 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	78.4	117.6	
167	13.1	11.2	16.8	





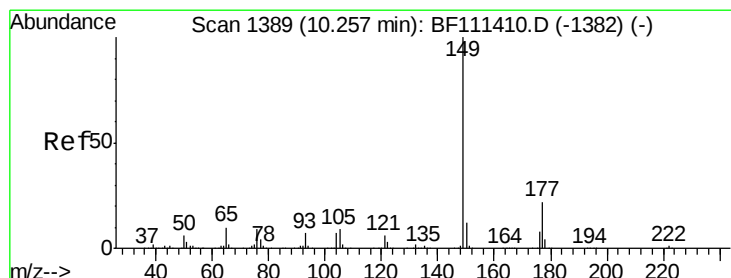
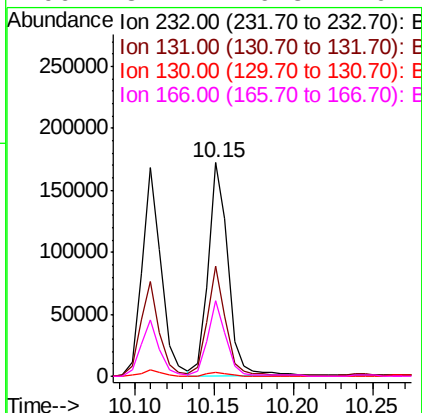
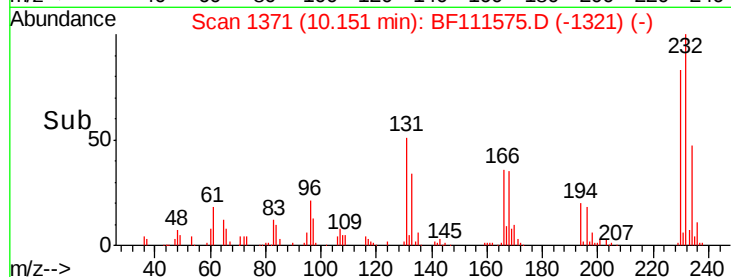
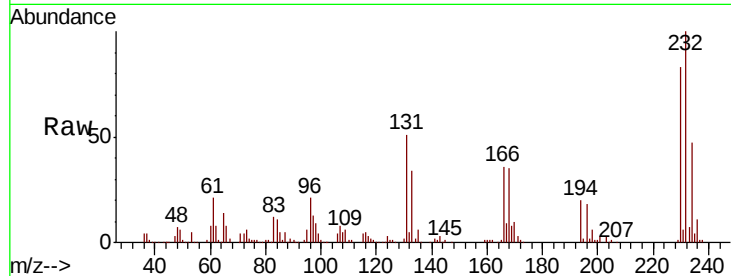
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.203 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion:	232	Resp:	151481
Ion Ratio	Lower	Upper	
232	100		
131	47.8	40.9	61.3
130	2.1	2.0	3.0
166	34.2	26.8	40.2

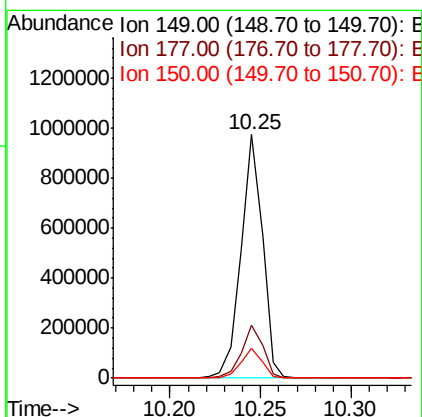
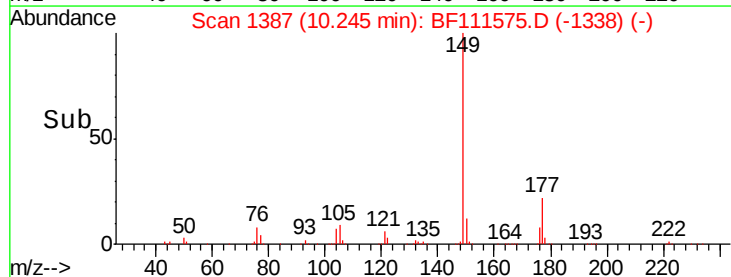
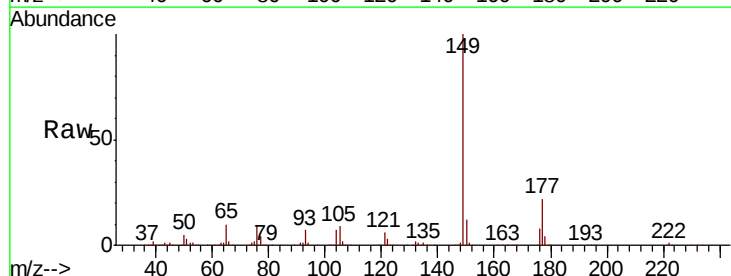
Manual Integrations
APPROVED

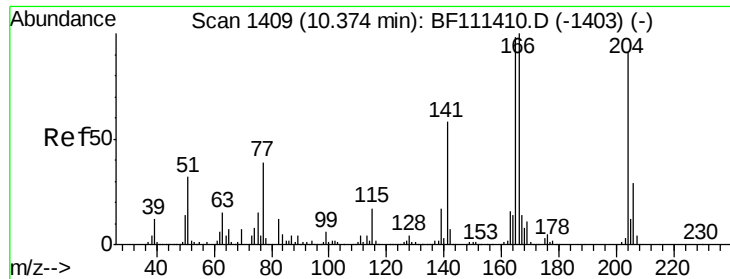
Sohil
12/18/2018 12:50:08 PM



#60
Diethylphthalate
Concen: 36.729 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion:	149	Resp:	806046
Ion Ratio	Lower	Upper	
149	100		
177	22.0	18.3	27.5
150	12.1	10.6	15.8





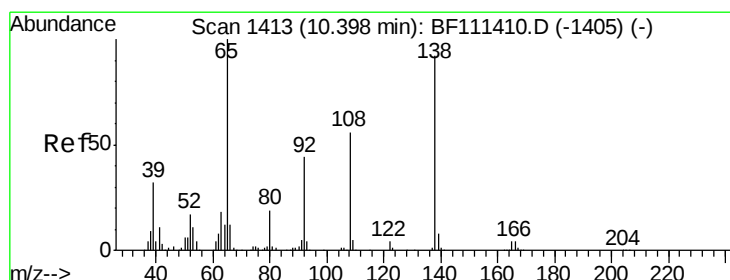
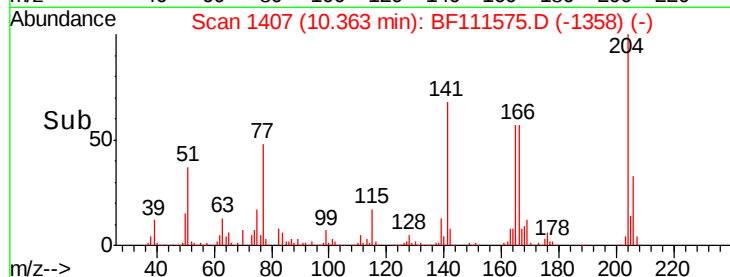
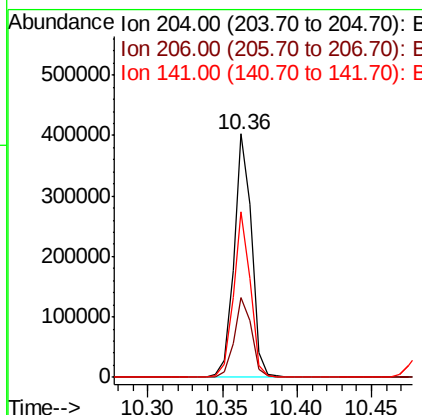
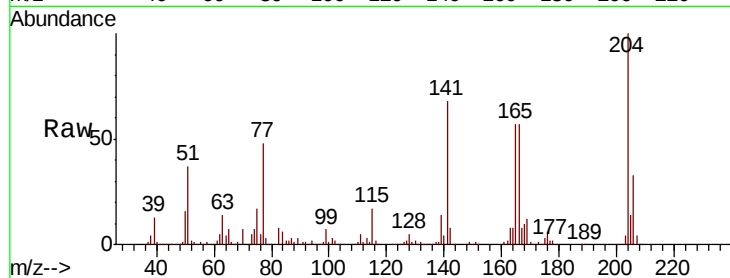
#61
4-Chlorophenyl-phenylether
Concen: 35.858 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleID :
PB115763BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	67.9	52.6	78.8

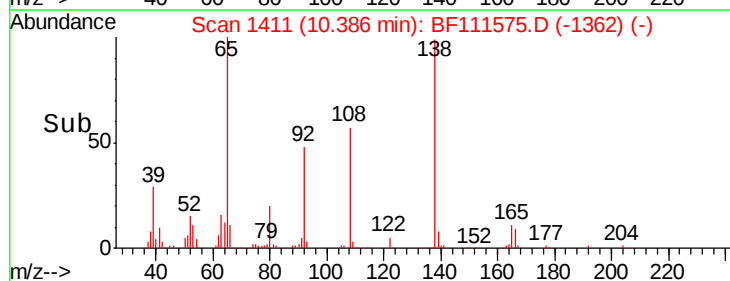
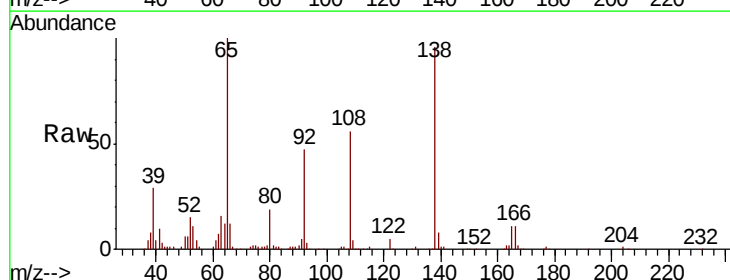
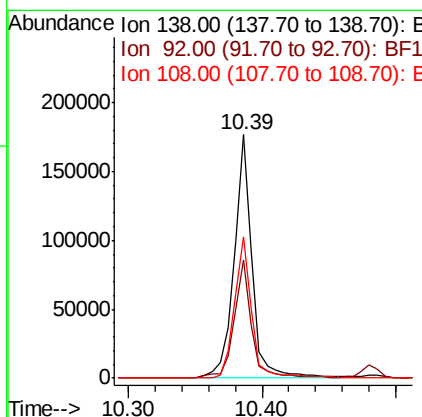
Manual Integrations
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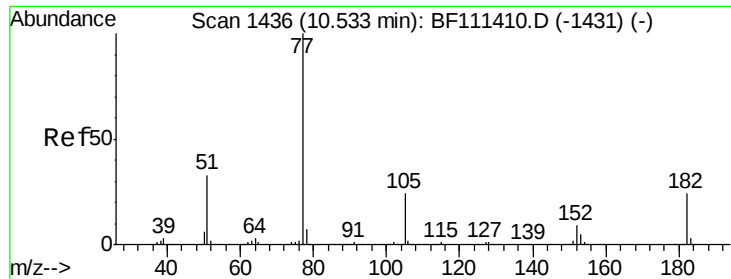
Sohil
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#62
4-Nitroaniline
Concen: 28.685 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.9	69.9
108	57.9	43.2	83.2





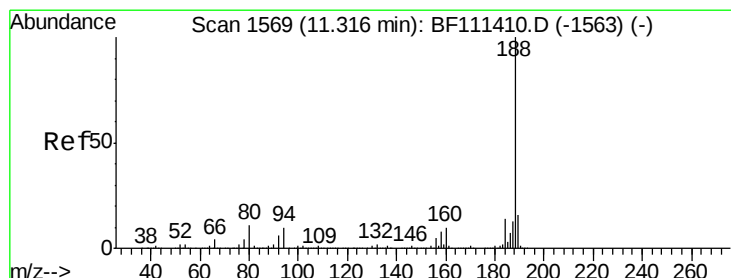
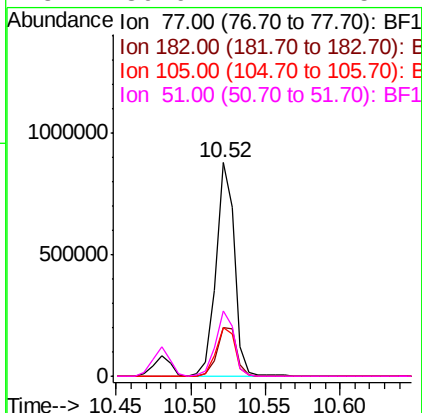
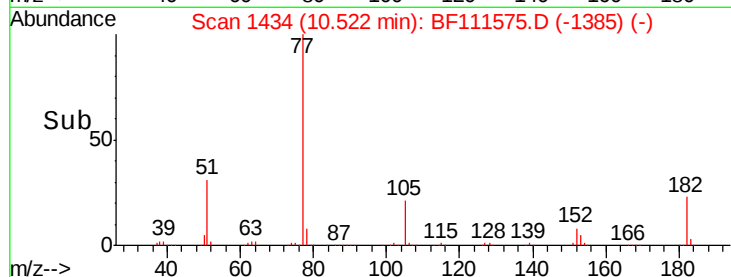
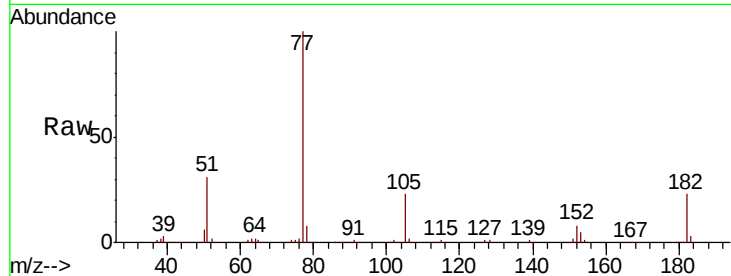
#63
Azobenzene
Concen: 34.875 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.7	4.9	44.9
105	22.6	6.0	46.0
51	30.9	14.7	54.7

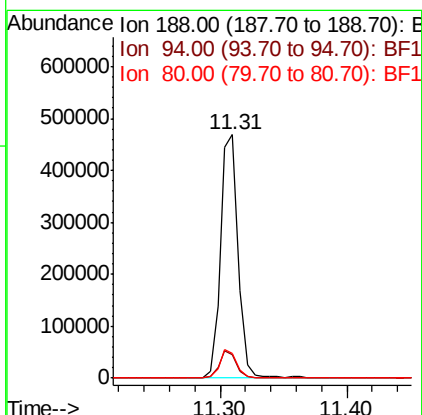
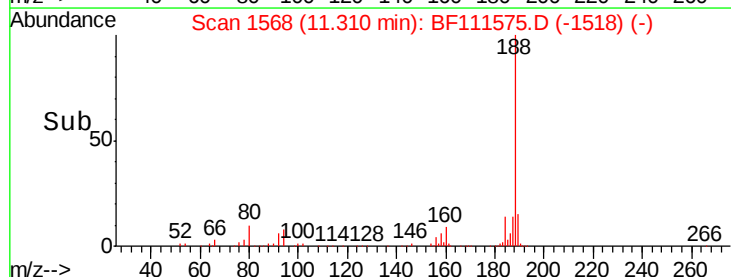
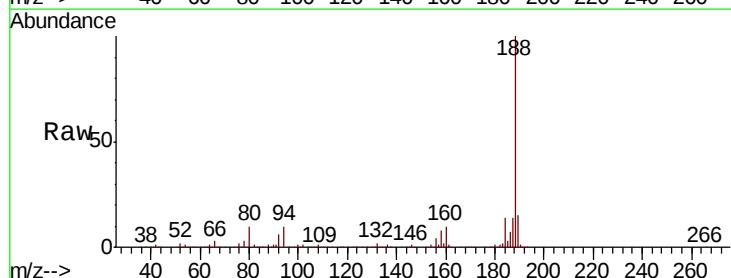
Manual Integrations
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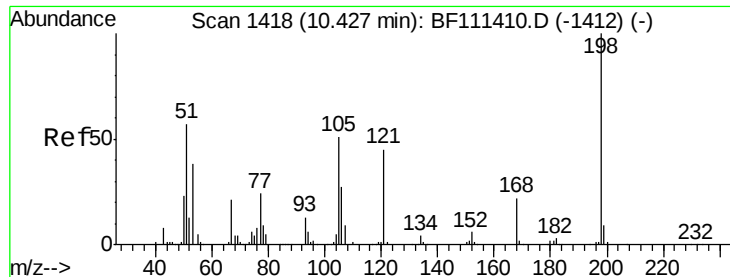
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.6	14.4
80	10.0	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.512 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

ClientSampleId :

PB115763BS

Tot Ion:198 Resp: 19300

Ion Ratio Lower Upper

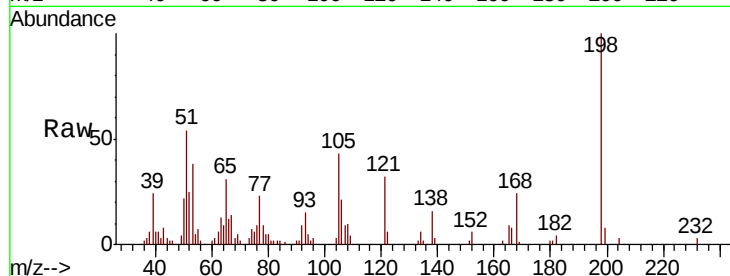
198 100

51 54.4 48.0 88.0

105 43.3 34.0 74.0

Manual Integrations
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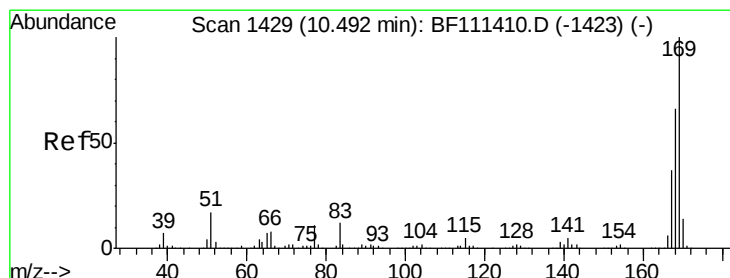
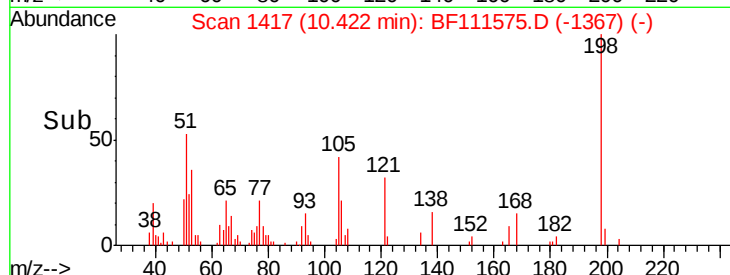
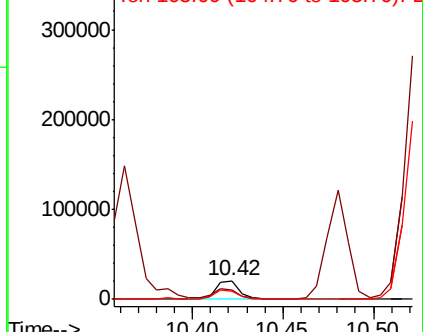
Sohil
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.904 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

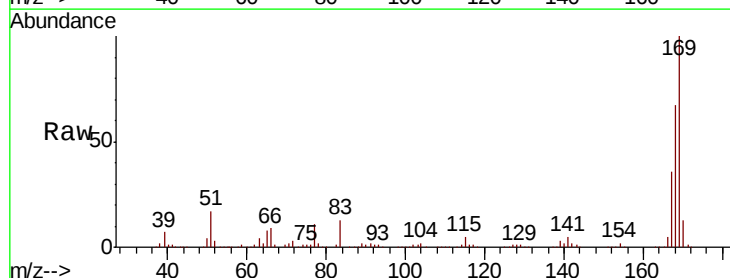
Tgt Ion:169 Resp: 657671

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

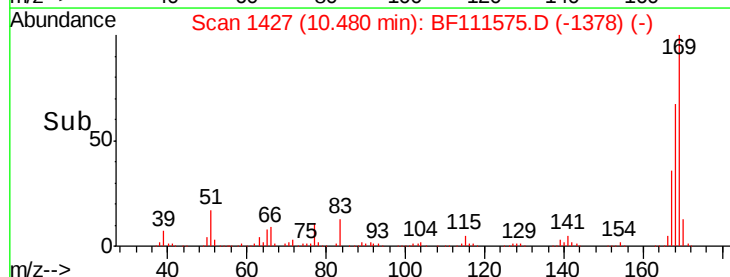
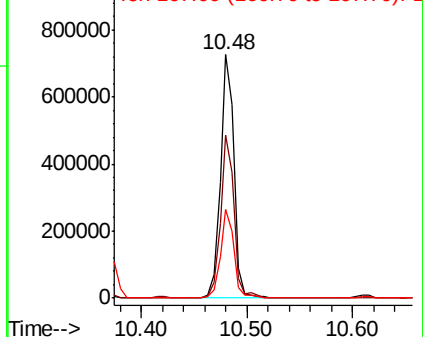
167 36.5 30.5 45.7

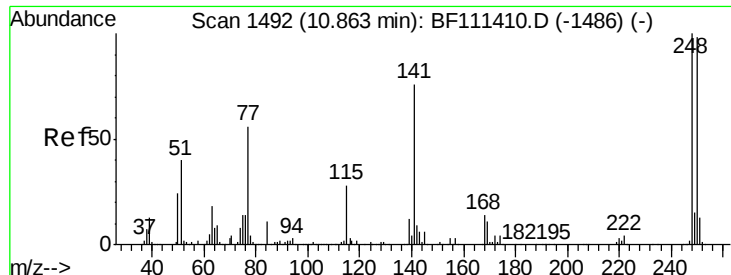


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





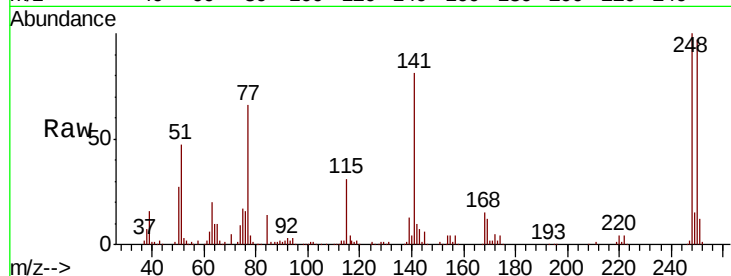
#67
4-Bromophenyl-phenylether
Concen: 40.417 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	198258		
250	97.3		77.0	115.4
141	81.3		63.0	94.6

Manual Integrations
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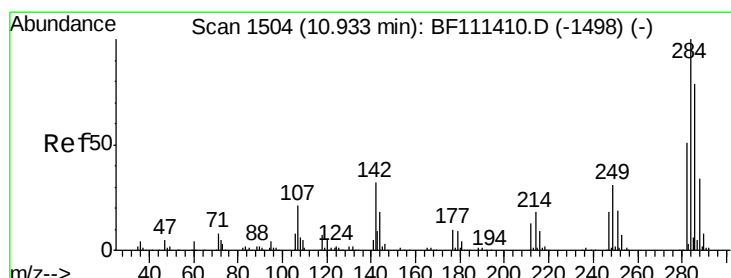
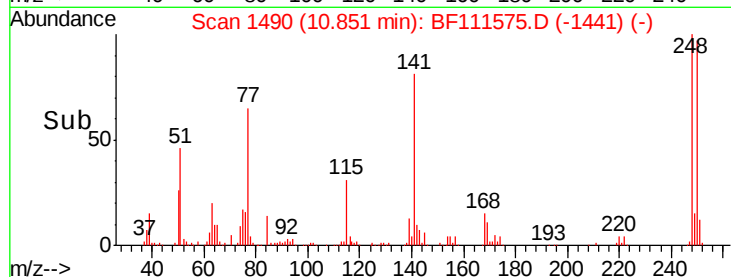
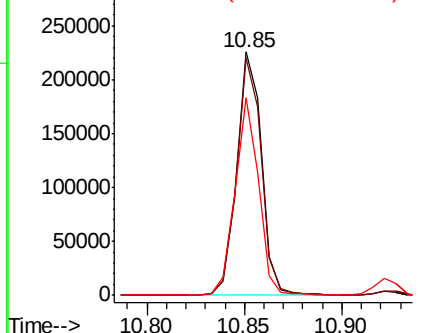


Abundance

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: 38.373 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

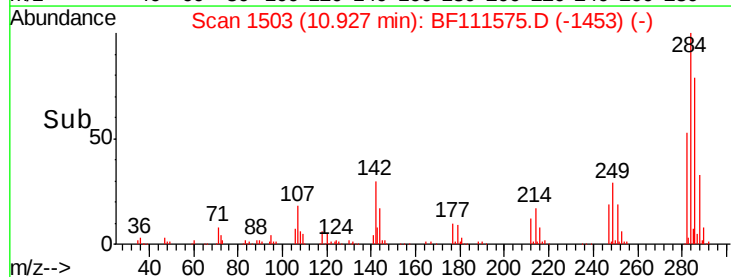
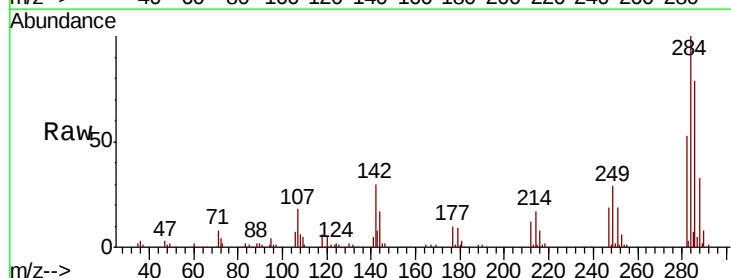
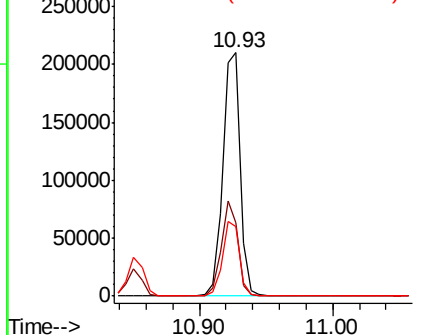
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	193624		
142	30.0		27.4	41.2
249	28.5		24.4	36.6

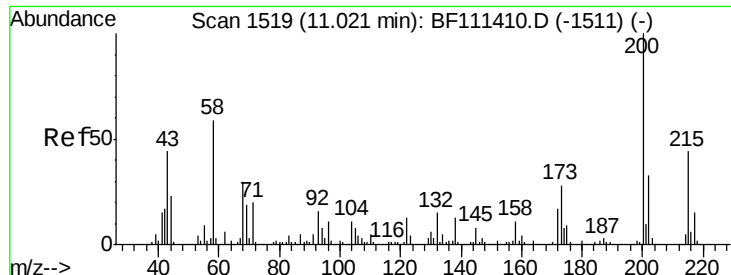
Abundance

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





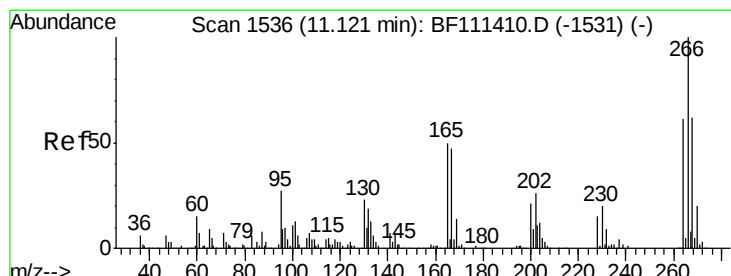
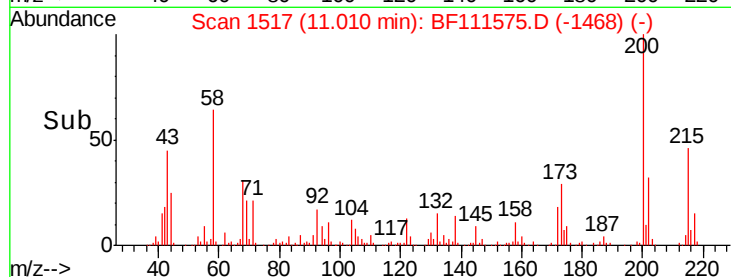
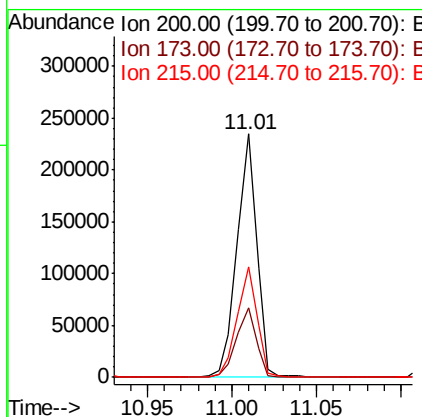
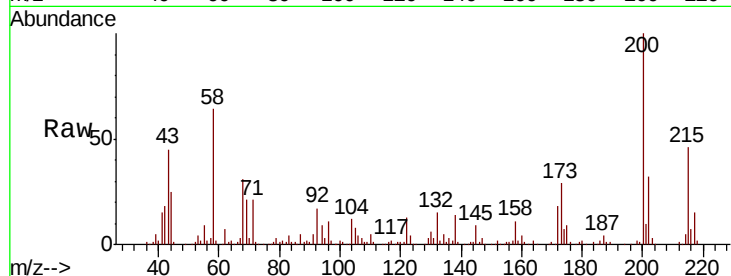
#69
Atrazine
Concen: 42.566 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	10.1	50.1
215	45.5	26.9	66.9

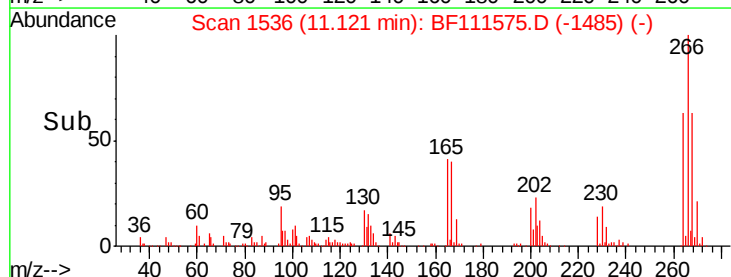
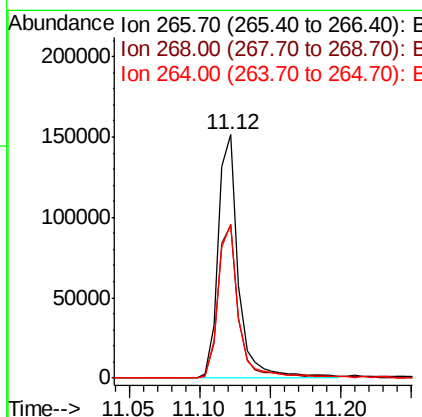
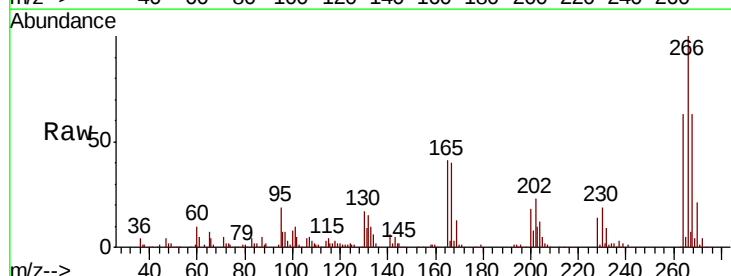
Manual Integrations
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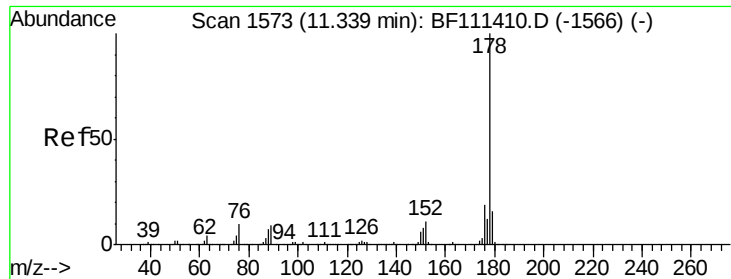
Sohil
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#70
Pentachlorophenol
Concen: 49.261 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	47.9	71.9
264	63.1	49.1	73.7





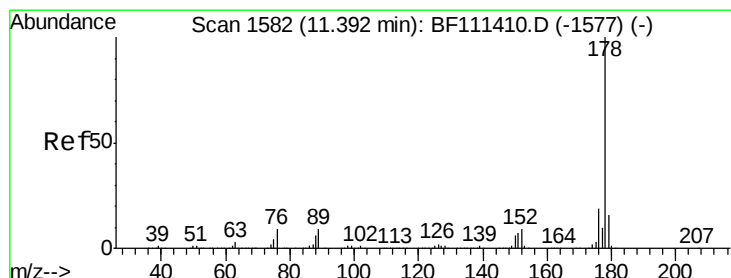
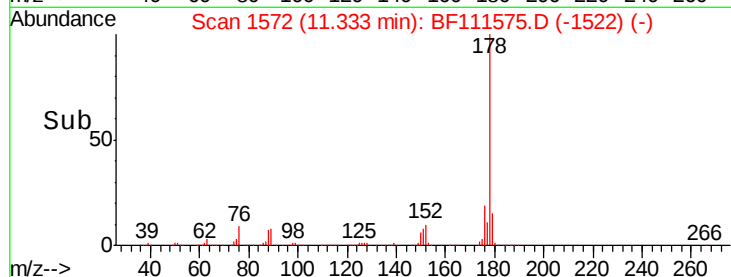
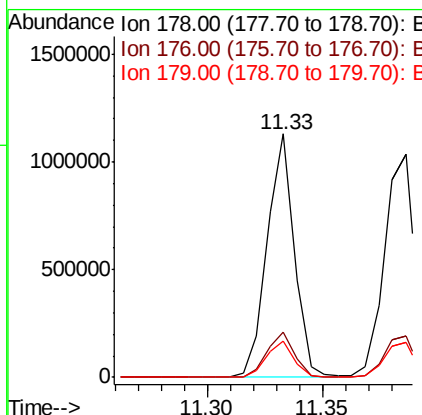
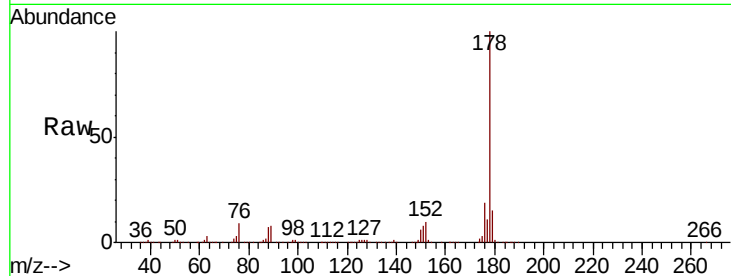
#71
Phenanthrene
Concen: 39.568 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.1	27.1
179	15.1	14.0	21.0

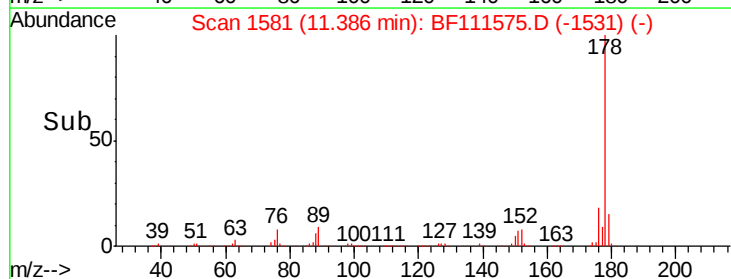
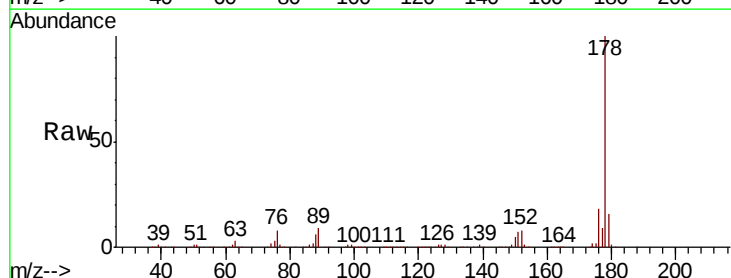
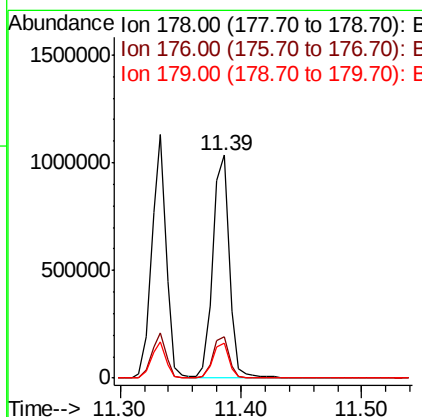
Manual Integrations
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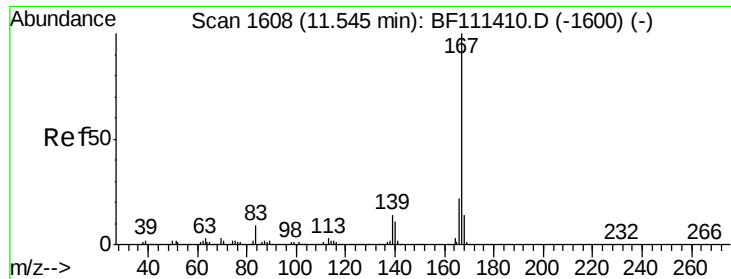
Sohil
12/18/2018 12:50:08 PM



#72
Anthracene
Concen: 40.567 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	15.5	13.8	20.8





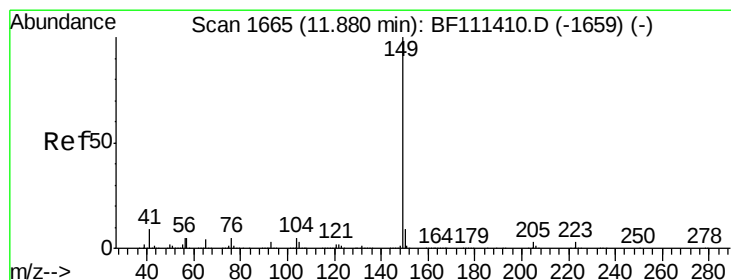
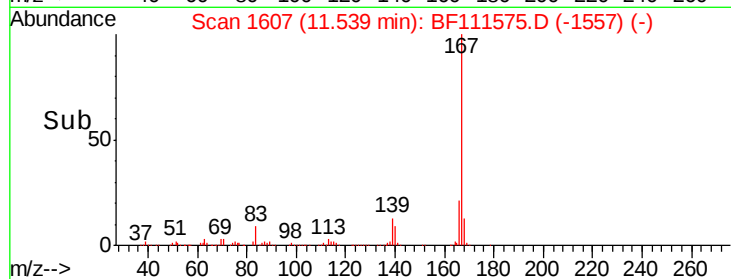
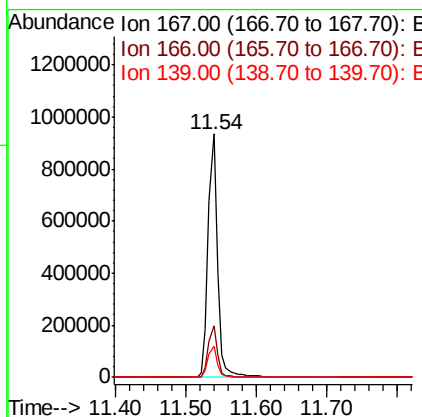
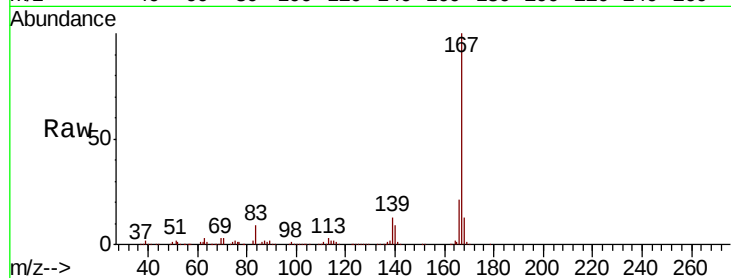
#73
 Carbazole
 Concen: 34.933 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111575.D
 Acq: 18 Dec 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	19.3	28.9
139	13.0	11.9	17.9

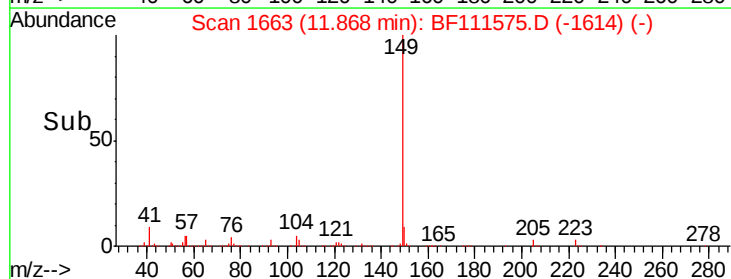
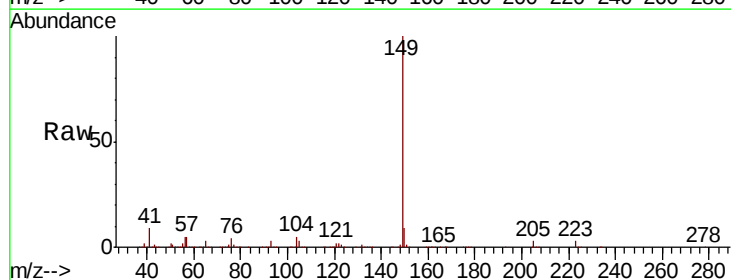
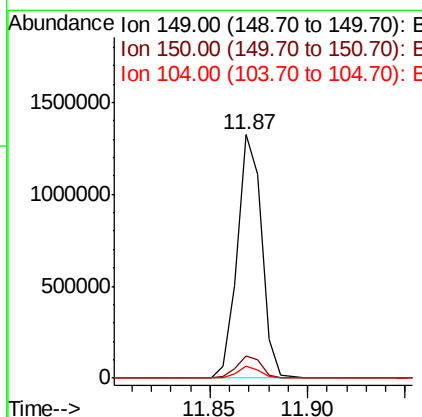
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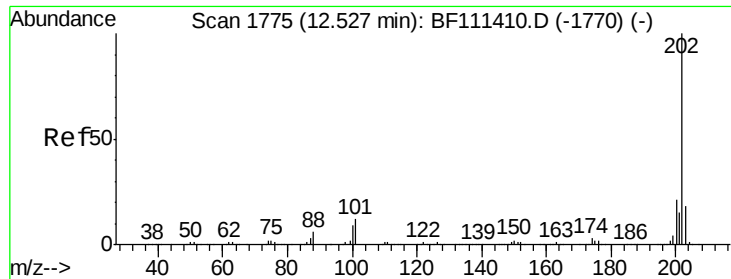
Sohil
 12/18/2018 12:50:08 PM



#74
 Di-n-butylphthalate
 Concen: 41.565 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BF111575.D
 Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.7	4.5	6.7





#75

Fluoranthene

Concen: 38.121 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

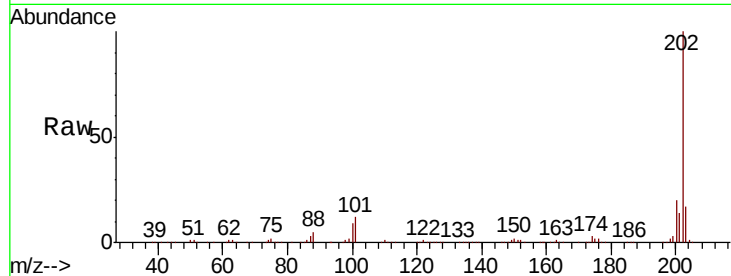
ClientSampleId :

PB115763BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	874579		
101	12.3	0.0	33.8	
203	17.1	0.0	38.6	

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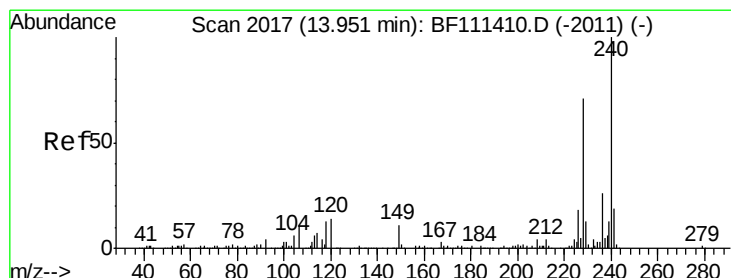
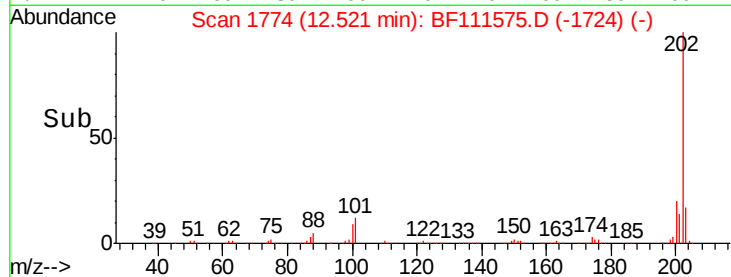
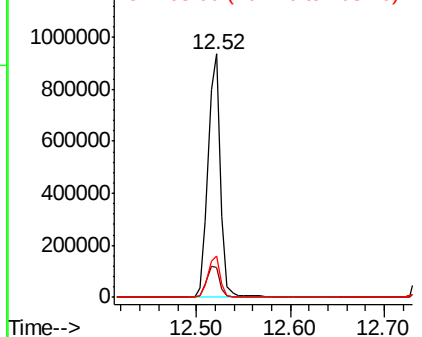


Abundance

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

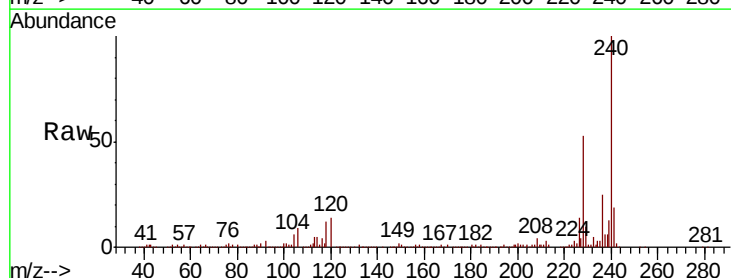
RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343226		
120	14.1	12.2	18.2	
236	25.3	20.2	30.2	

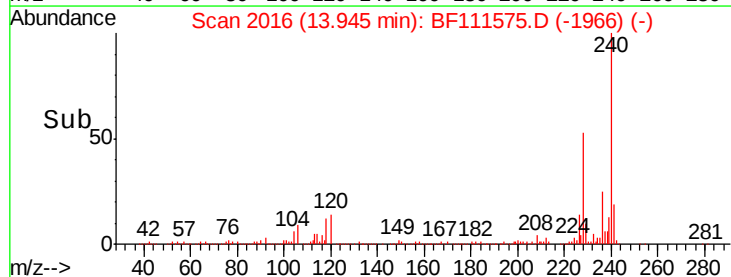
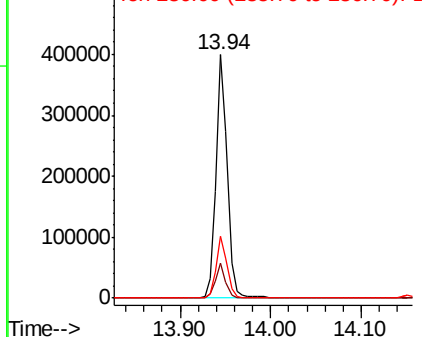


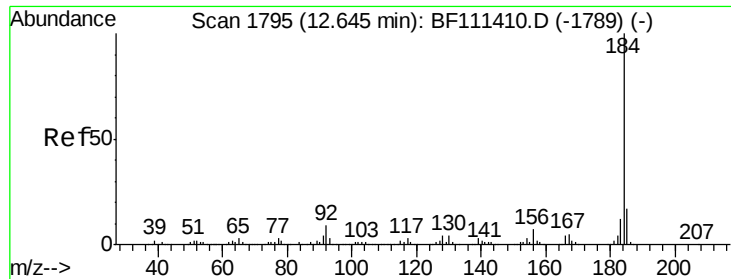
Abundance

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: 21.239 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

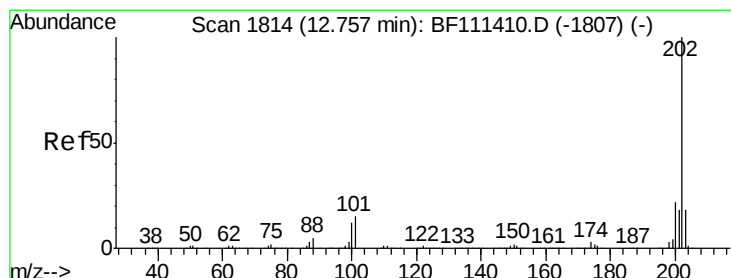
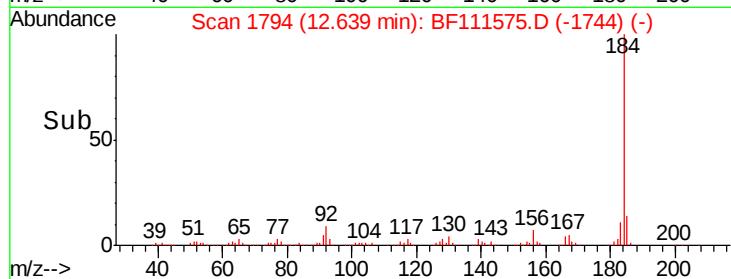
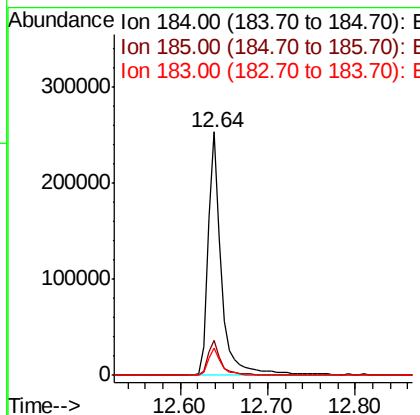
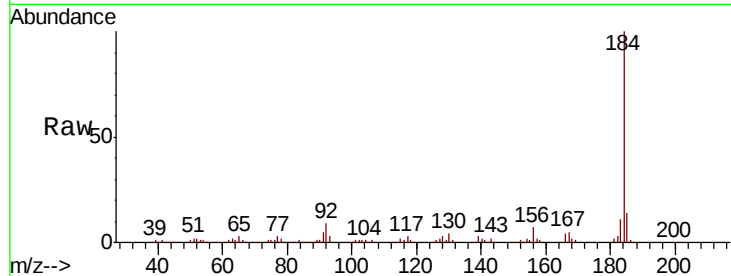
ClientSampleId :

PB115763BS

Tot Ion:	184	Resp:	267974
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.0	19.6
183	11.4	9.3	13.9

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#78

Pyrene

Concen: 36.739 ng

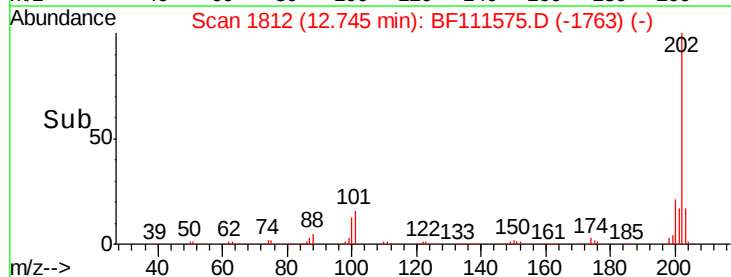
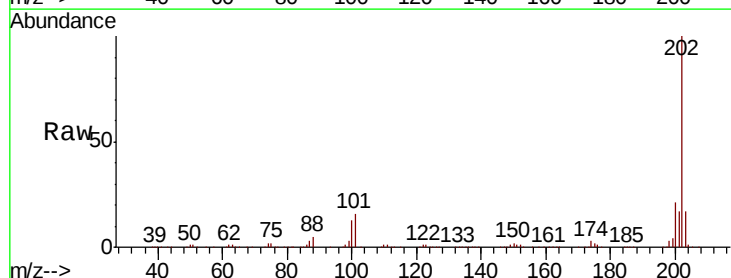
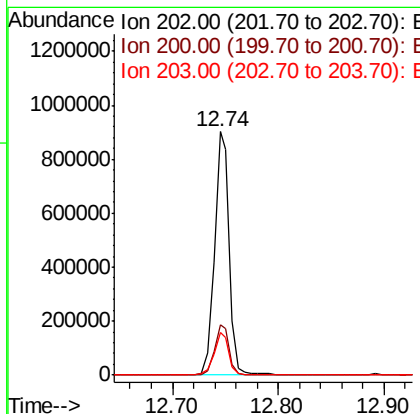
RT: 12.74 min Scan# 1812

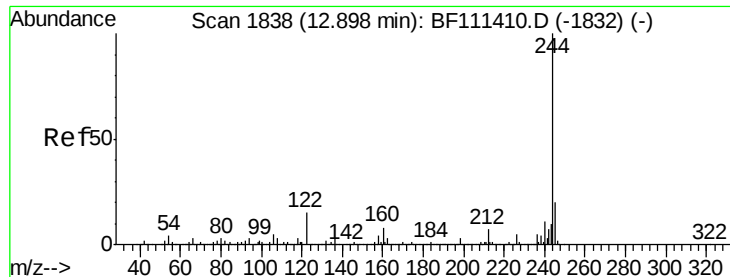
Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Tgt Ion:	202	Resp:	889026
Ion Ratio	Lower	Upper	
202	100		
200	20.9	19.0	28.4
203	17.3	15.2	22.8





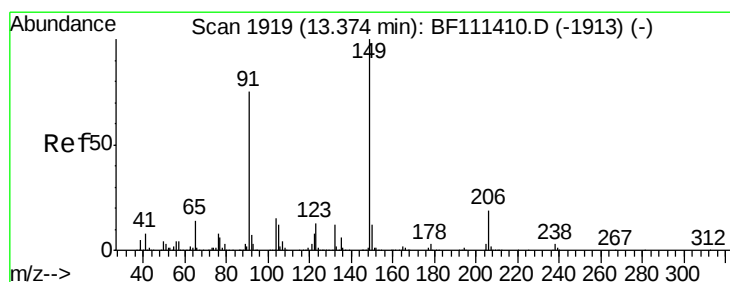
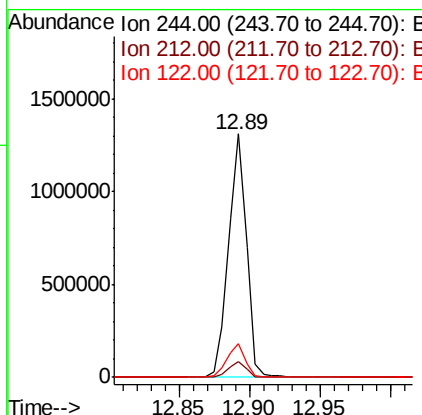
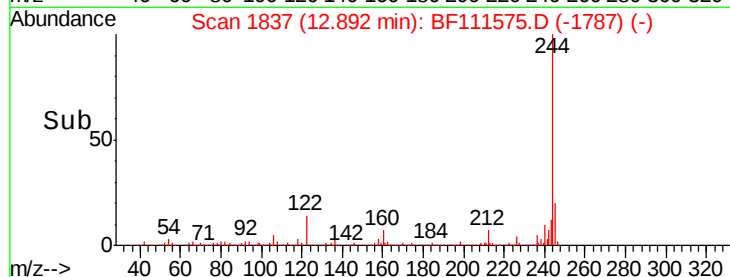
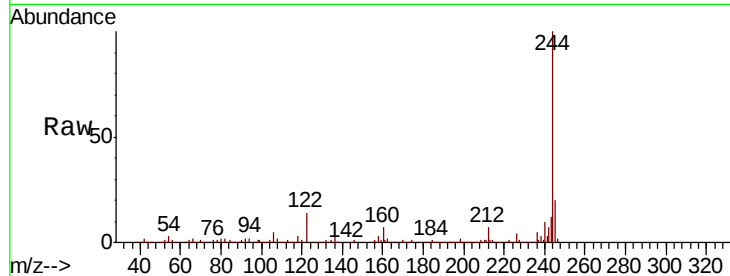
#79
 Terphenyl-d14
 Concen: 79.817 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111575.D
 Acq: 18 Dec 2018 8:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115763BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.9	13.1	19.7

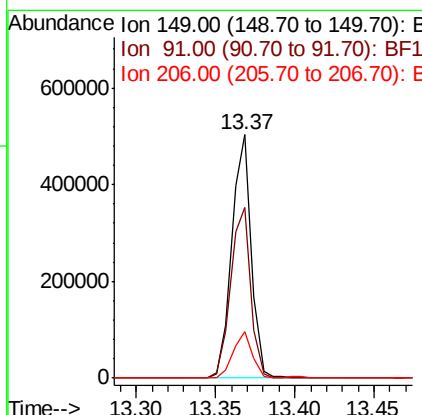
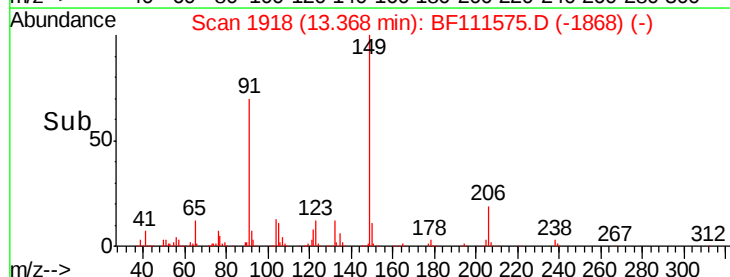
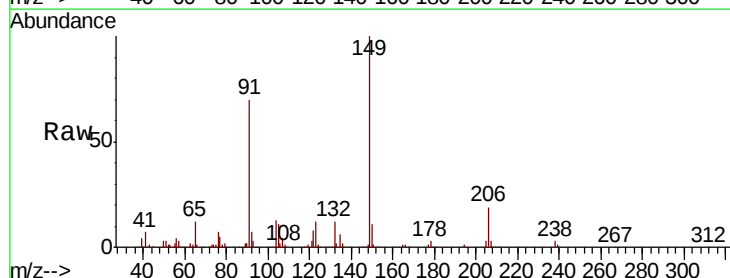
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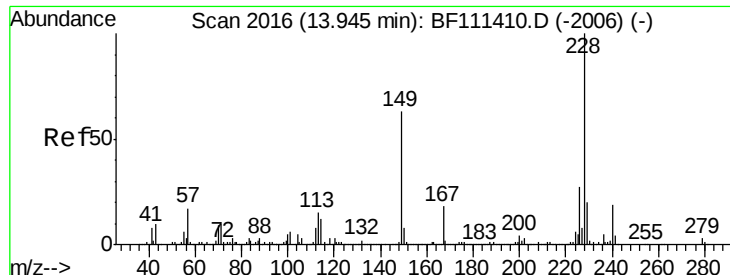
Sohil
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#80
 Butylbenzylphthalate
 Concen: 36.306 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BF111575.D
 Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	63.8	95.6
206	19.3	15.1	22.7





#81

Benzo(a)anthracene

Concen: 38.765 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

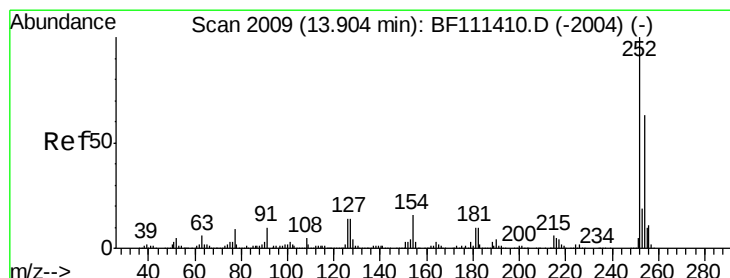
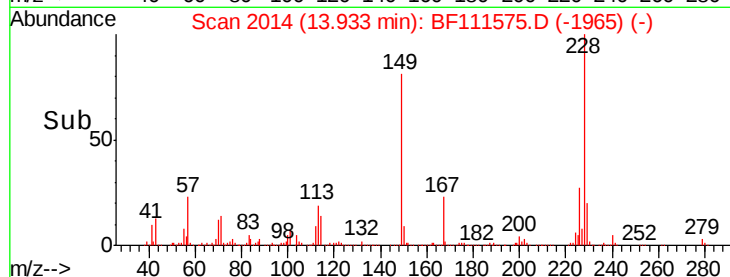
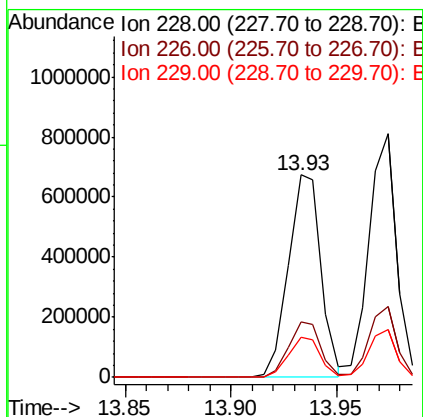
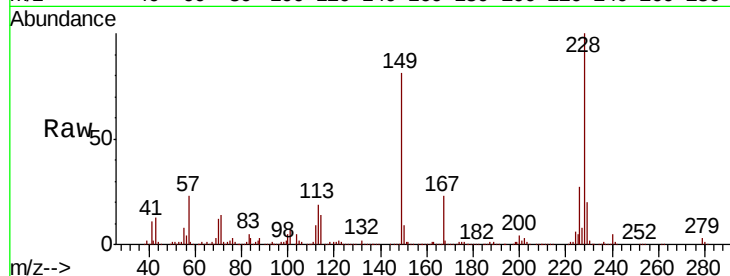
ClientSampleId :

PB115763BS

Tot Ion:	228	Resp:	723445
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	34.0
229	20.0	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 21.415 ng

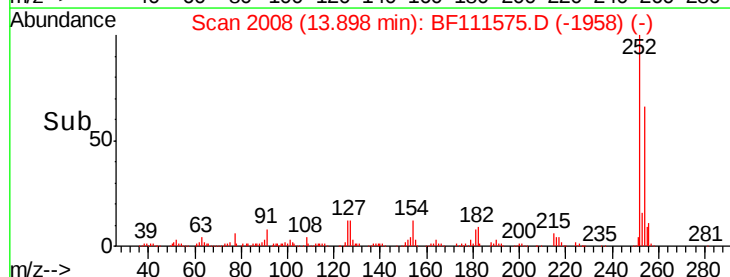
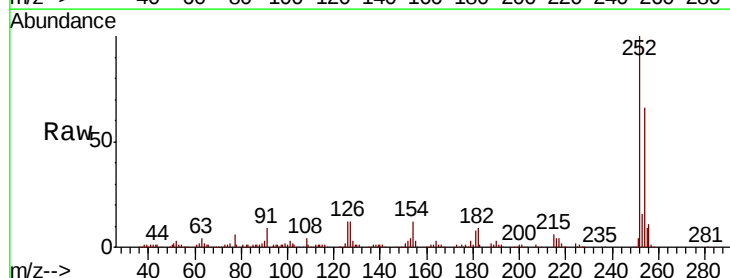
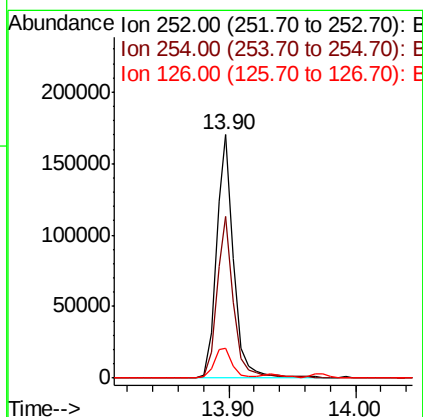
RT: 13.90 min Scan# 2008

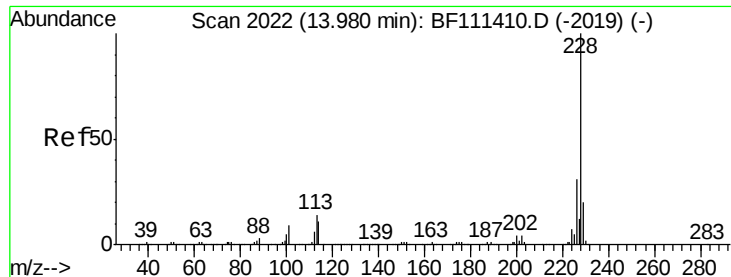
Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Tgt Ion:	252	Resp:	162472
Ion Ratio	Lower	Upper	
252	100		
254	66.4	52.7	79.1
126	12.3	11.1	16.7





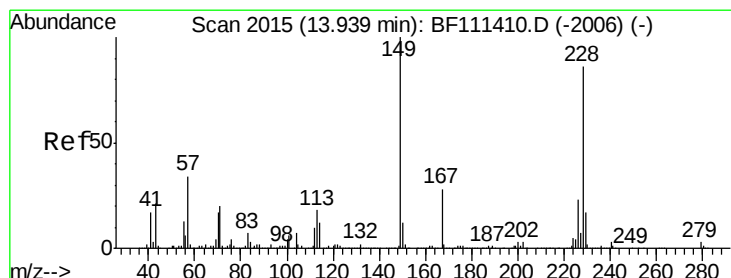
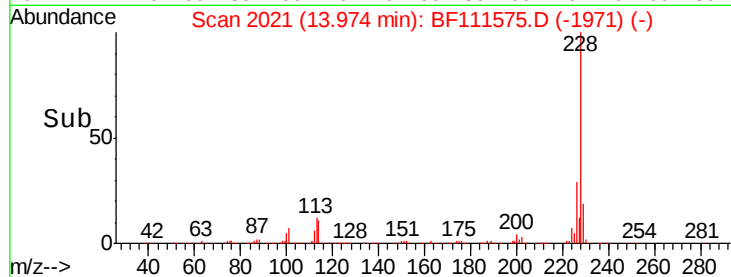
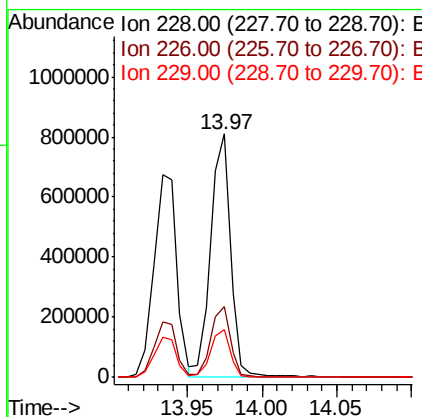
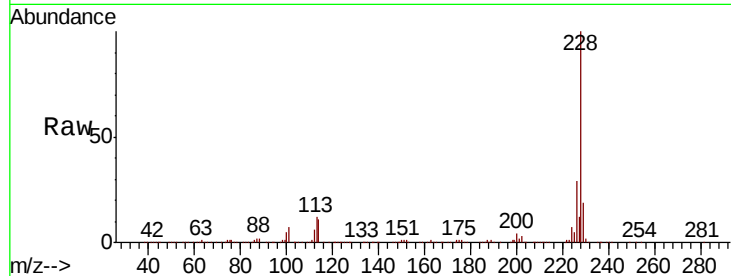
#83
Chrysene
Concen: 38.073 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.3	37.9
229	19.4	17.2	25.8

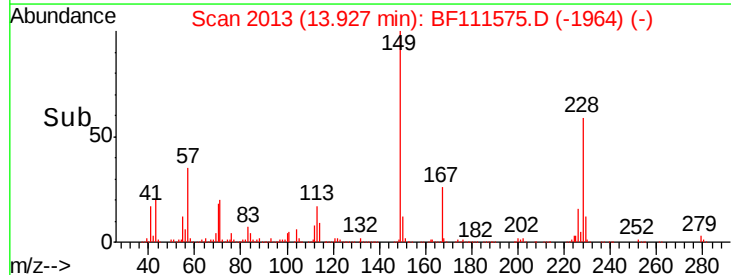
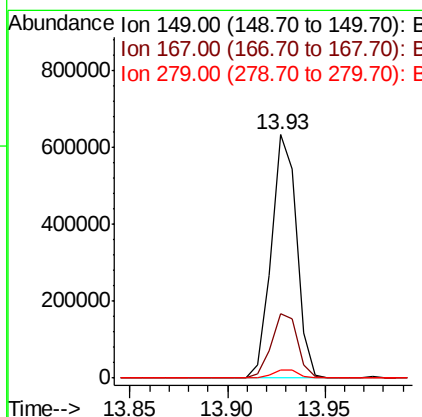
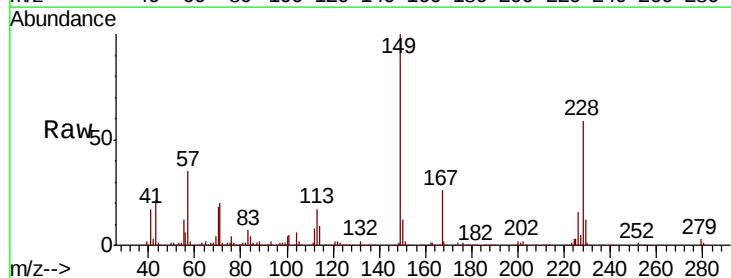
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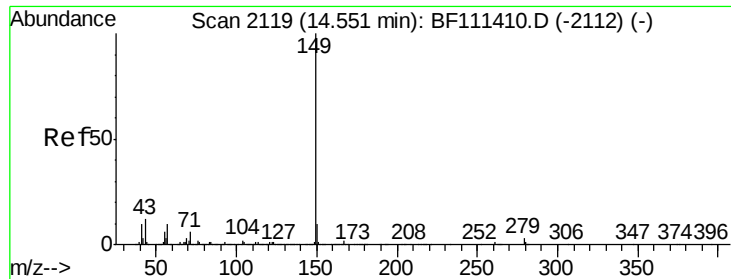
Sohil
12/18/2018 12:50:08 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.772 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.5	33.7
279	3.2	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 40.040 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

ClientSampleId :

PB115763BS

Tot Ion:149 Resp: 1017473

Ion Ratio Lower Upper

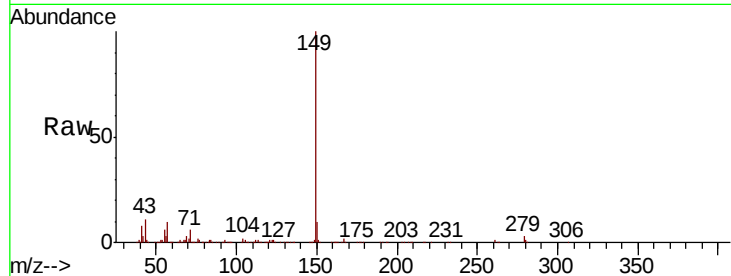
149 100

167 1.5 1.3 1.9

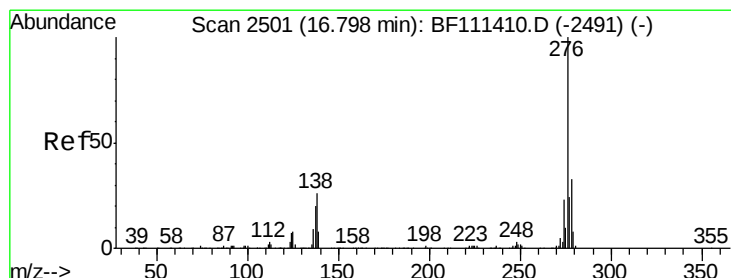
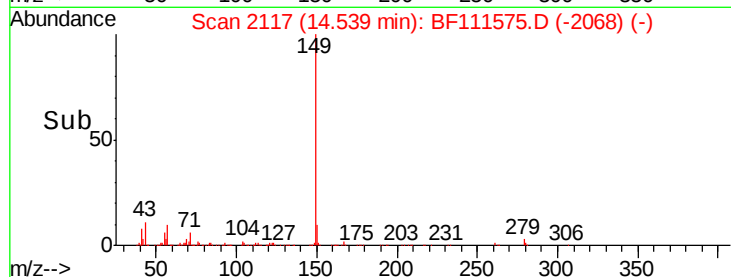
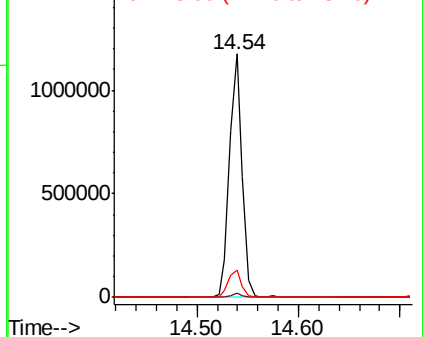
43 11.3 10.9 16.3

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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: 35.251 ng

RT: 16.80 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

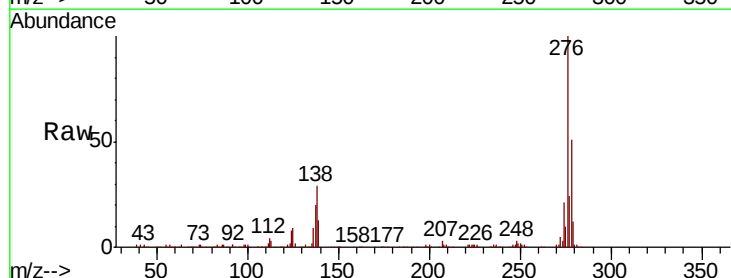
Tgt Ion:276 Resp: 500185

Ion Ratio Lower Upper

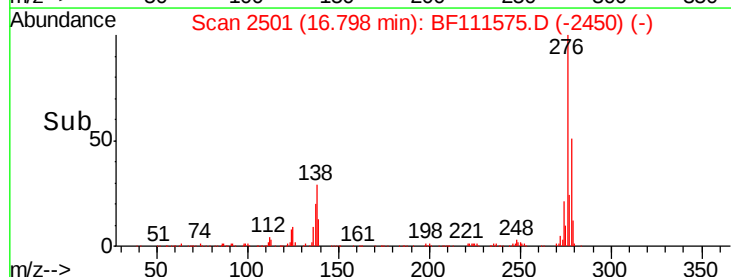
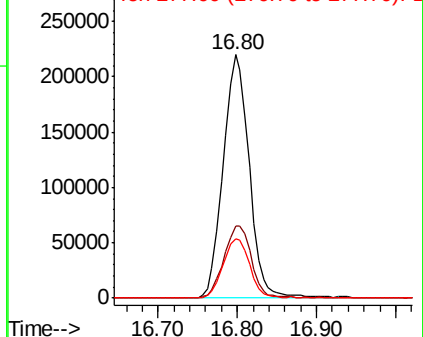
276 100

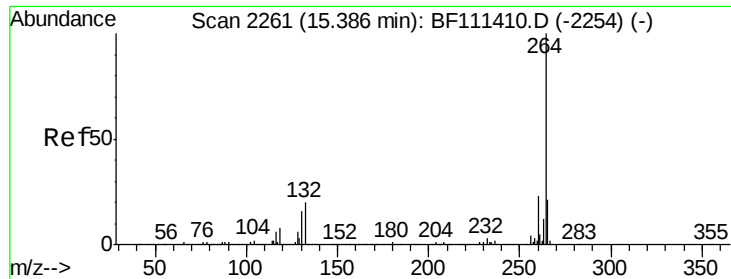
138 31.3 27.8 41.6

277 24.8 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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Instrument :

BNA_F

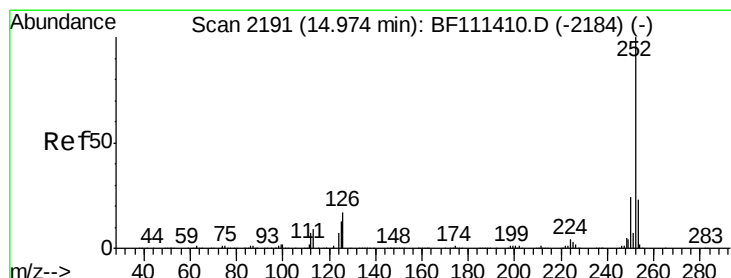
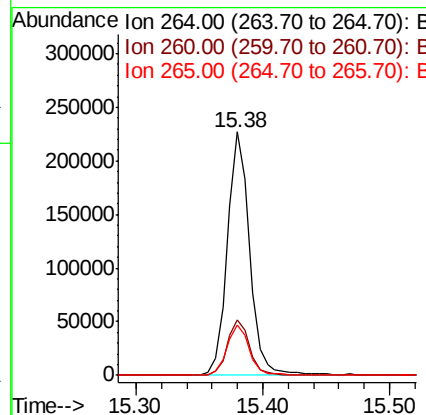
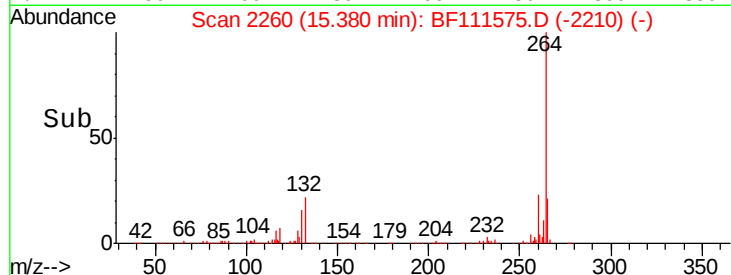
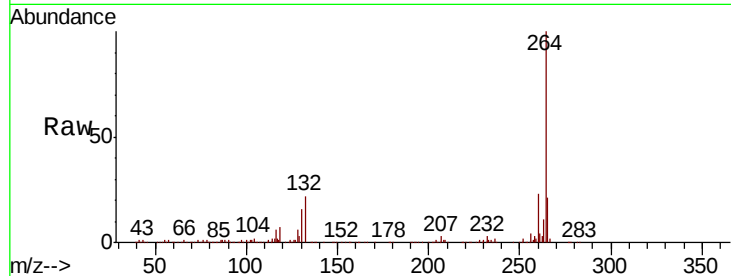
ClientSampleId :

PB115763BS

Tot Ion:	264	Resp:	275725
Ion Ratio		Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.5	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 40.205 ng

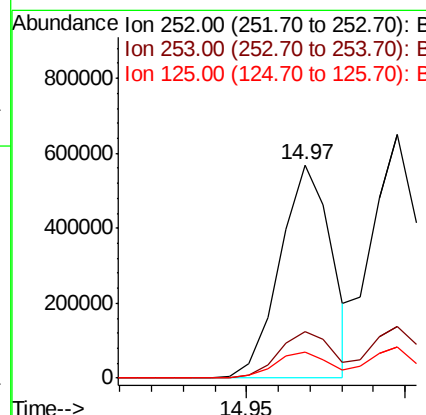
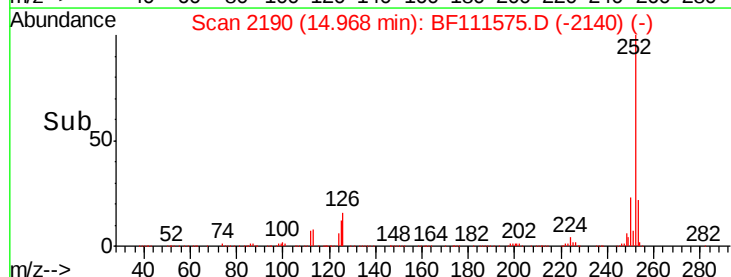
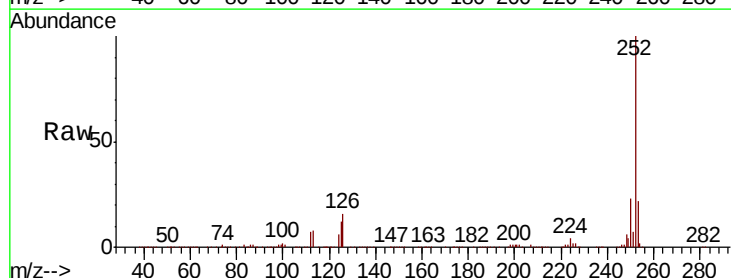
RT: 14.97 min Scan# 2190

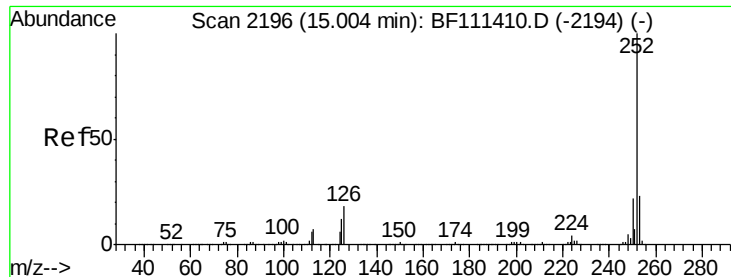
Delta R.T. -0.01 min

Lab File: BF111575.D

Acq: 18 Dec 2018 8:49

Tgt Ion:	252	Resp:	646296
Ion Ratio		Lower	Upper
252	100		
253	21.7	18.2	27.2
125	12.2	10.4	15.6





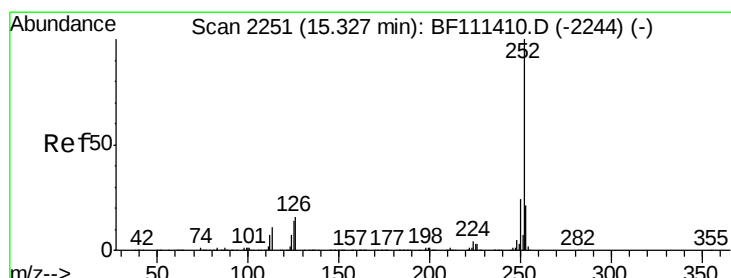
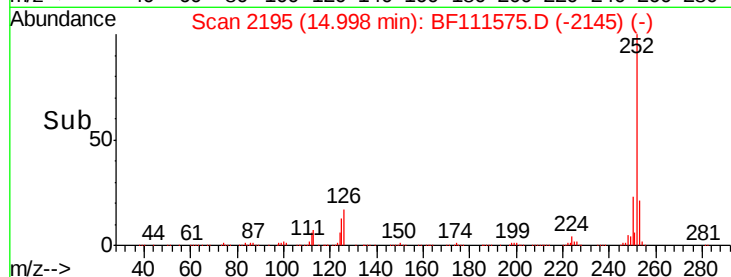
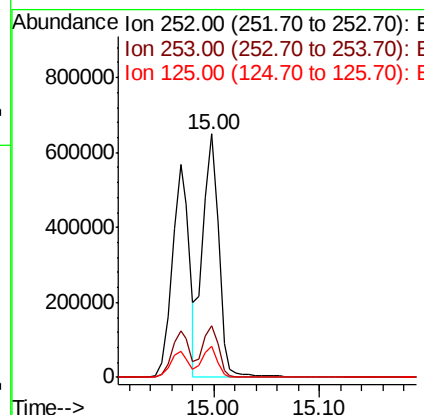
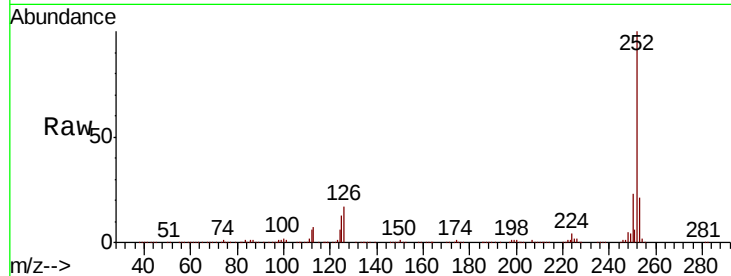
#89
Benzo(k)fluoranthene
Concen: 44.192 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	12.6	9.8	14.8

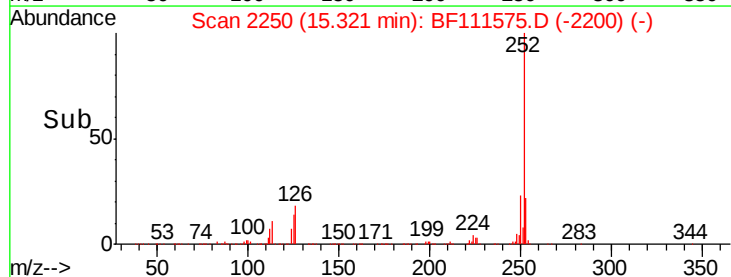
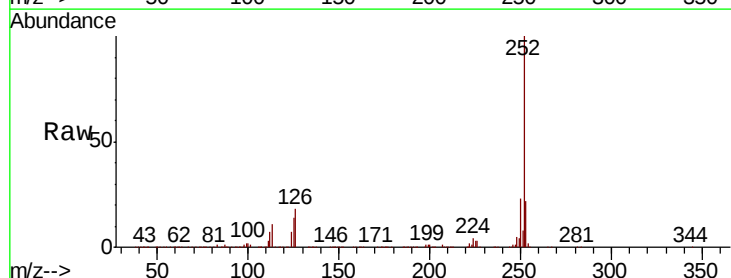
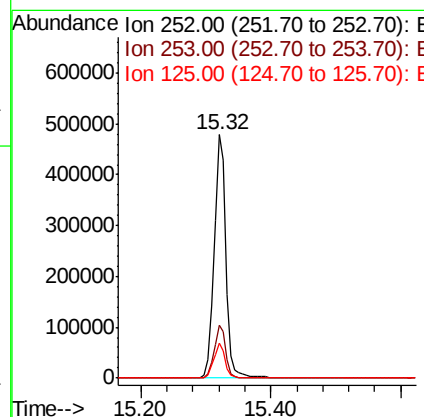
Manual Integrations
APPROVED

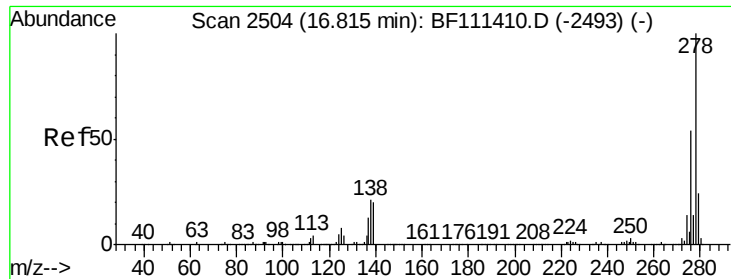
Sohil
12/18/2018 12:50:08 PM



#90
Benzo(a)pyrene
Concen: 40.823 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	14.2	12.3	18.5





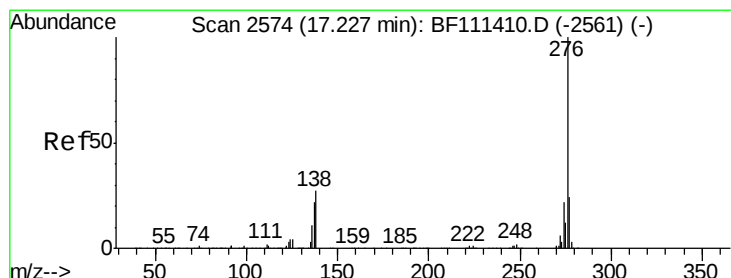
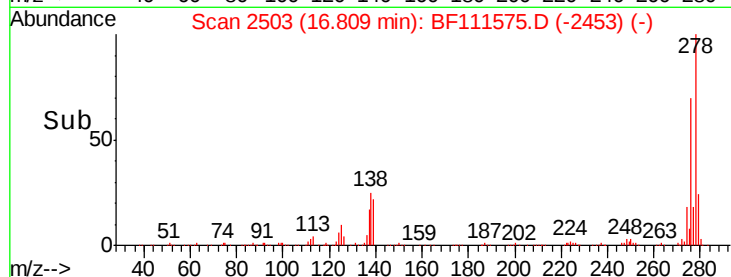
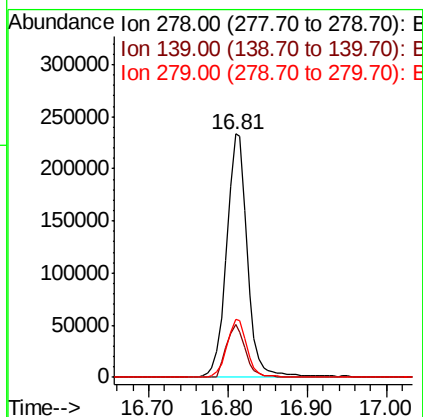
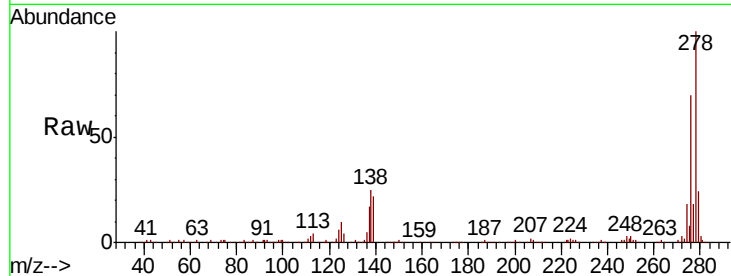
#91
Dibenzo(a,h)anthracene
Concen: 37.087 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Instrument :
BNA_F
ClientSampleId :
PB115763BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.7	18.2	27.4
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/18/2018 12:50:08 PM



#92
Benzo(g,h,i)perylene
Concen: 36.821 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111575.D
Acq: 18 Dec 2018 8:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	24.9	24.9	37.3

