

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112771.D
 Acq On : 28 Feb 2019 19:56
 Operator : JU/SJ
 Sample : K1650-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Manual Integrations
 APPROVED

Sohil
 3/1/2019 3:00:12 PM

Quant Time: Mar 01 06:56:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	207327	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	760733	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	342234	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	605586	20.00	ng	0.00
76) Chrysene-d12	13.88	240	379522	20.00	ng	0.00
87) Perylene-d12	15.29	264	483820	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1456807	109.30	ng	0.02
7) Phenol-d6	6.39	99	1886977	112.71	ng	0.02
23) Nitrobenzene-d5	7.31	82	1170473	92.07	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	478030	131.57	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1944051	99.78	ng	0.00
79) Terphenyl-d14	12.83	244	1624075	82.95	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.46	88	212092	31.745	ng	98
3) Pyridine	3.19	79	574112	32.120	ng	99
4) n-Nitrosodimethylamine	3.10	42	283282	36.230	ng	99
6) Aniline	6.41	93	821614	35.651	ng	99
8) 2-Chlorophenol	6.53	128	560299	37.764	ng	96
9) Benzaldehyde	6.29	77	251245	20.827	ng	98
10) Phenol	6.40	94	746102	38.189	ng	89
11) bis(2-Chloroethyl)ether	6.49	93	558067	37.215	ng	96
12) 1,3-Dichlorobenzene	6.69	146	595888	38.879	ng	99
13) 1,4-Dichlorobenzene	6.76	146	600072	39.040	ng	99
14) 1,2-Dichlorobenzene	6.92	146	552514	39.212	ng	97
15) Benzyl Alcohol	6.89	79	500565	39.209	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	910687	36.390	ng	99
17) 2-Methylphenol	7.00	107	464046	38.554	ng	97
18) Hexachloroethane	7.26	117	225558	38.309	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	386523	36.452	ng	98
20) 3+4-Methylphenols	7.16	107	524498	38.598	ng	97
22) Acetophenone	7.16	105	742023	41.715	ng	# 99
24) Nitrobenzene	7.33	77	601608	42.517	ng	98
25) Isophorone	7.57	82	1088684	39.749	ng	99
26) 2-Nitrophenol	7.65	139	305154	51.806	ng	97
27) 2,4-Dimethylphenol	7.69	122	488883	44.613	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	699169	40.830	ng	99
29) 2,4-Dichlorophenol	7.89	162	464744	43.733	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	502378	43.997	ng	98
31) Naphthalene	8.05	128	1583689	41.931	ng	100
32) Benzoic acid	7.75	122	50157	6.530	ng	87
33) 4-Chloroaniline	8.09	127	586643	36.672	ng	97
34) Hexachlorobutadiene	8.17	225	285850	44.390	ng	98
35) Caprolactam	8.46	113	140884m	37.641	ng	
36) 4-Chloro-3-methylphenol	8.58	107	475672	40.447	ng	96
37) 2-Methylnaphthalene	8.74	142	1045815	42.878	ng	100
38) 1-Methylnaphthalene	8.84	142	989586	41.884	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	437695	43.858	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	541344	99.057	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	329245	47.936	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	340444	45.857	ng	96
46) 1,1'-Biphenyl	9.20	154	1231967	44.134	ng	99
47) 2-Chloronaphthalene	9.23	162	965365	44.290	ng	97
48) 2-Nitroaniline	9.32	65	301894	45.567	ng	97
49) Acenaphthylene	9.64	152	1524976	41.212	ng	99
50) Dimethylphthalate	9.50	163	1190049	47.159	ng	100
51) 2,6-Dinitrotoluene	9.56	165	241997	46.052	ng	91
52) Acenaphthene	9.81	154	960816	44.402	ng	99
53) 3-Nitroaniline	9.72	138	237359	37.069	ng	94
54) 2,4-Dinitrophenol	9.83	184	165676	77.313	ng	95
55) Dibenzofuran	9.98	168	1316643	41.864	ng	99
56) 4-Nitrophenol	9.89	139	379312	72.889	ng	97
57) 2,4-Dinitrotoluene	9.96	165	308781	47.273	ng	# 84
58) Fluorene	10.32	166	927483	41.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	271651	43.919	ng	97
60) Diethylphthalate	10.20	149	1063326	39.897	ng	98
61) 4-Chlorophenyl-phenylether	10.32	204	458777	44.174	ng	97
62) 4-Nitroaniline	10.33	138	230724	38.994	ng	98
63) Azobenzene	10.47	77	1045761	38.308	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	122795	49.220	ng	78
66) n-Nitrosodiphenylamine	10.43	169	867137	44.648	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	299643	46.976	ng	93
68) Hexachlorobenzene	10.87	284	339315	47.190	ng	# 91
69) Atrazine	10.96	200	236550	39.768	ng	100
70) Pentachlorophenol	11.06	266	335309	79.231	ng	98
71) Phenanthrene	11.28	178	1322799	43.903	ng	99
72) Anthracene	11.33	178	1360040	43.121	ng	99
73) Carbazole	11.48	167	1167287	37.939	ng	100
74) Di-n-butylphthalate	11.82	149	1511015	40.958	ng	100
75) Fluoranthene	12.46	202	1281523	39.699	ng	99
77) Benzdine	12.58	184	797782	40.517	ng	99
78) Pyrene	12.69	202	1287685	40.247	ng	99
80) Butylbenzylphthalate	13.31	149	579133	41.008	ng	95
81) Benzo(a)anthracene	13.87	228	1073409	40.809	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	439433	44.173	ng	99
83) Chrysene	13.90	228	1054401	40.924	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	699996	42.257	ng	99
85) Di-n-octyl phthalate	14.48	149	1335866	46.964	ng	98
86) Indeno(1,2,3-cd)pyrene	16.66	276	1549039	70.522	ng	96
88) Benzo(b)fluoranthene	14.89	252	1235435	39.477	ng	# 97
89) Benzo(k)fluoranthene	14.92	252	1084602m	38.262	ng	
90) Benzo(a)pyrene	15.23	252	1196496	43.225	ng	98
91) Dibenzo(a,h)anthracene	16.68	278	1268370	53.698	ng	98
92) Benzo(g,h,i)perylene	17.07	276	1336131	56.334	ng	96

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

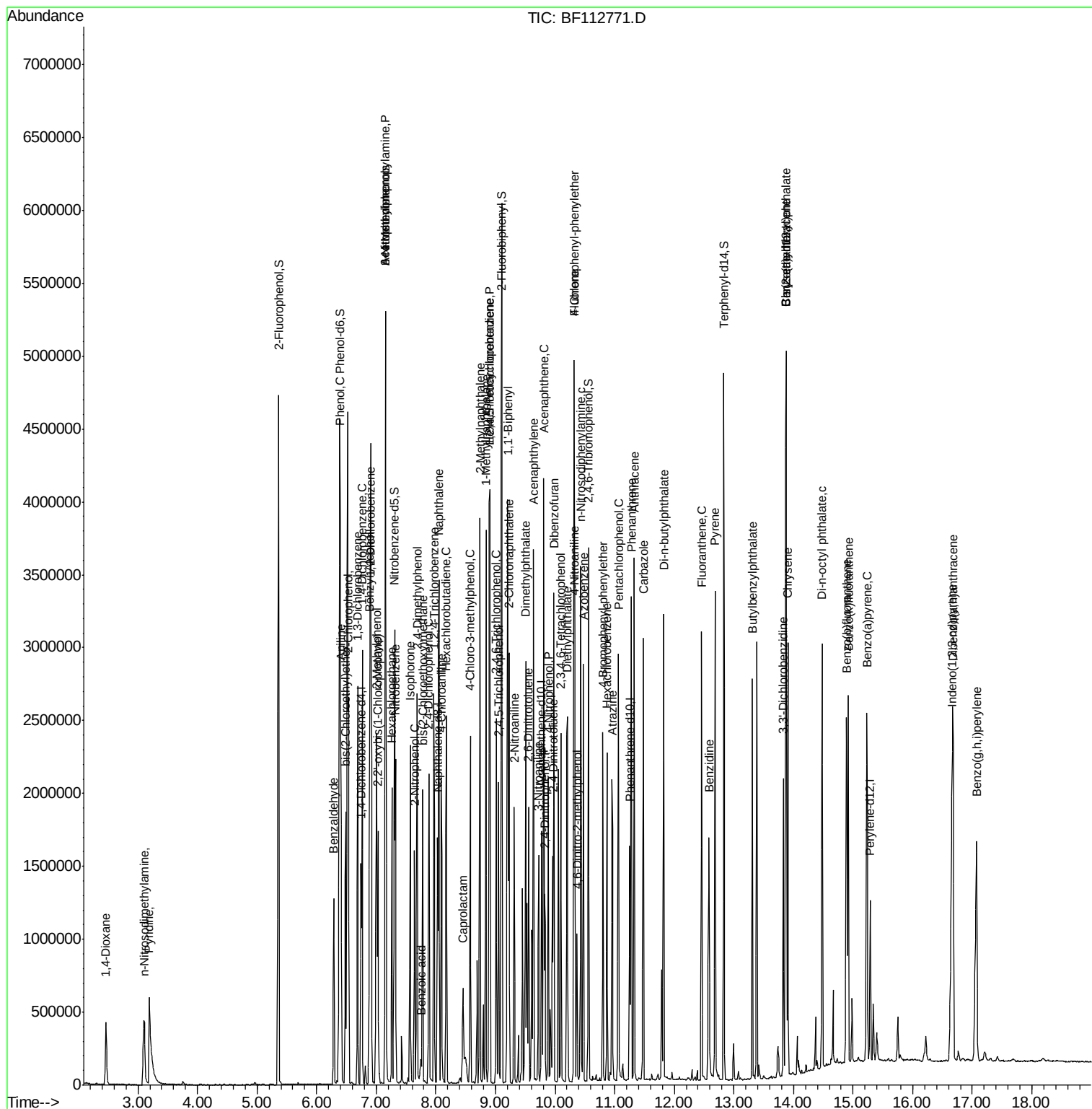
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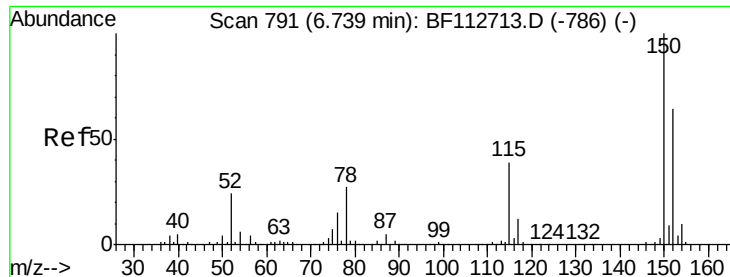
Instrument :
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#1

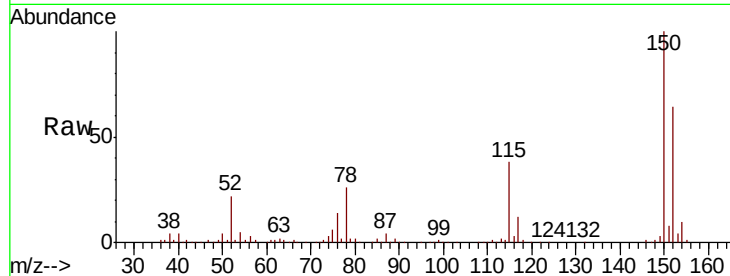
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	59.8	48.2	72.4

Manual Integrations
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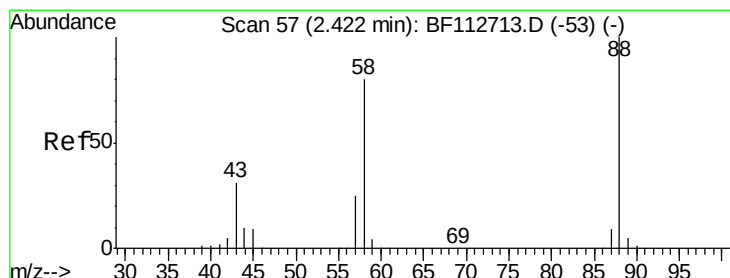
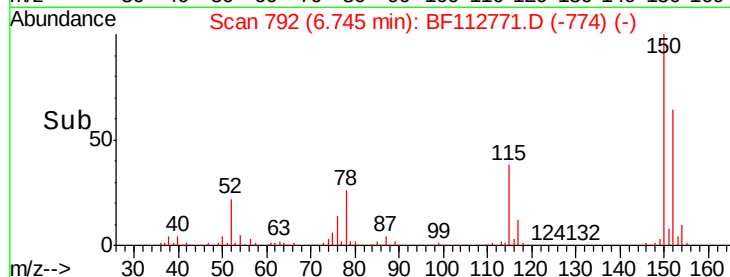
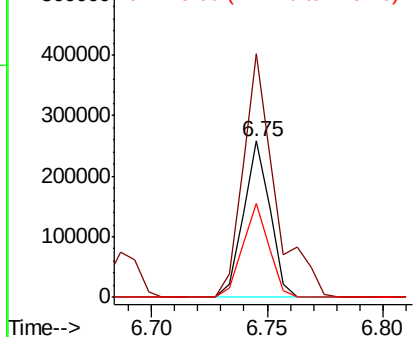


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

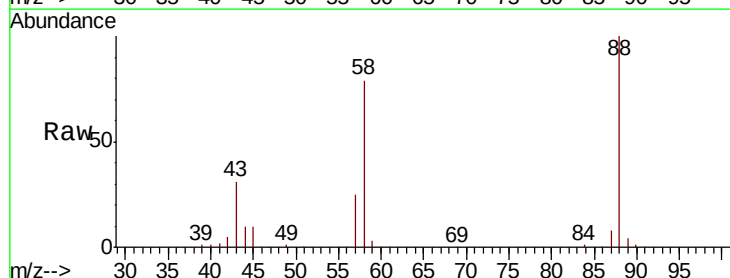
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.745 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.04 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	63.1	94.7
43	29.1	24.3	36.5

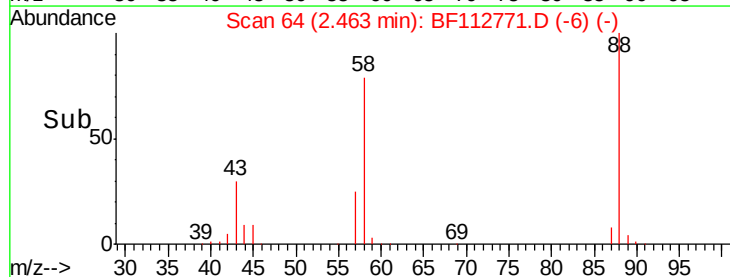
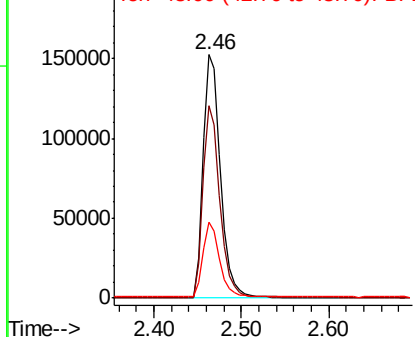


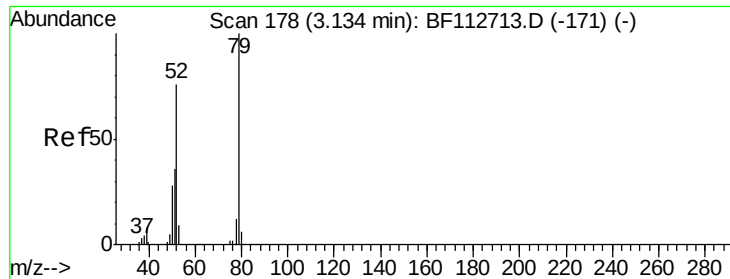
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.120 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.05 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

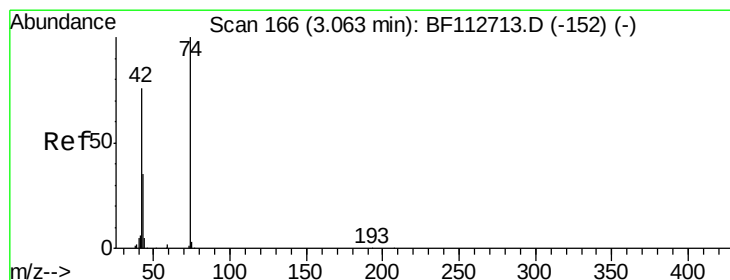
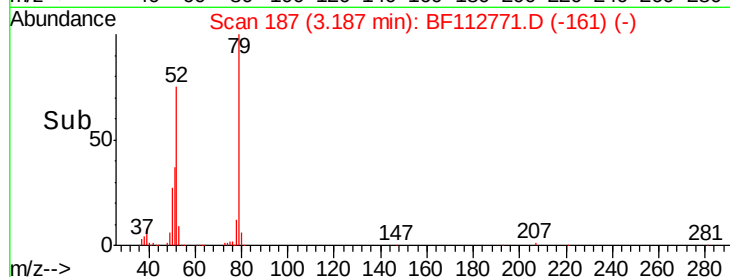
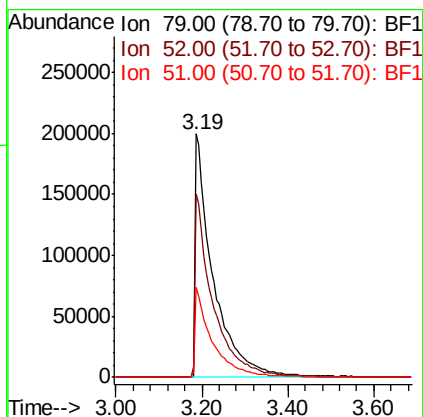
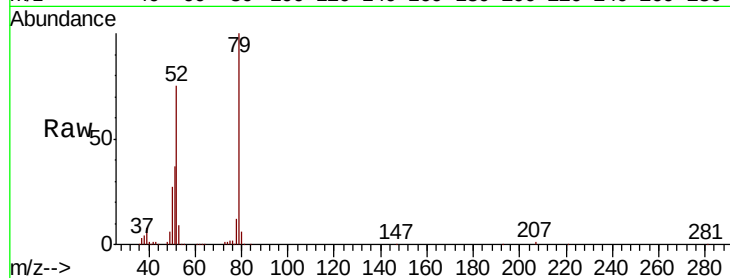
ClientSampled :

B-5(9-10)MS

Tot Ion:	79	Resp:	574112
Ion	Ratio	Lower	Upper
79	100		
52	75.5	60.5	90.7
51	37.1	28.8	43.2

Manual Integrations
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3/1/2019 3:00:12 PM



#4

n-Nitrosodimethylamine

Concen: 36.230 ng

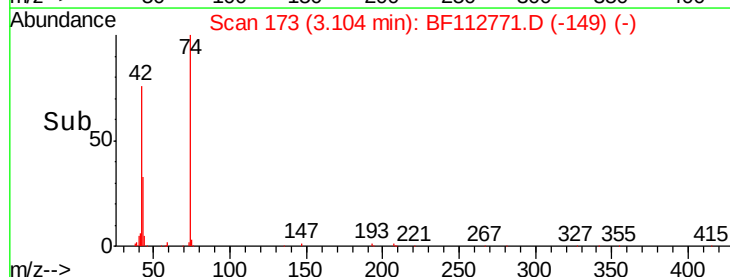
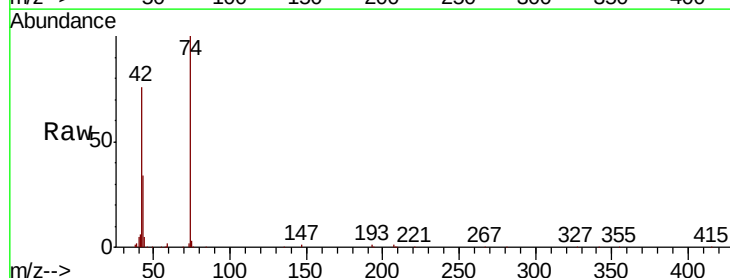
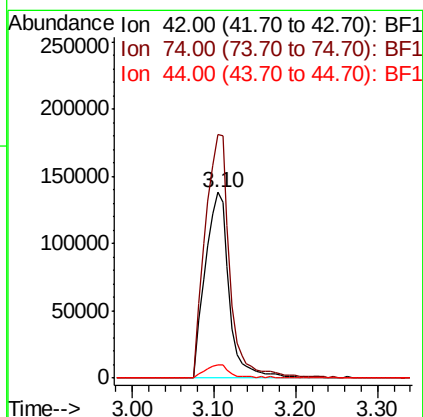
RT: 3.10 min Scan# 173

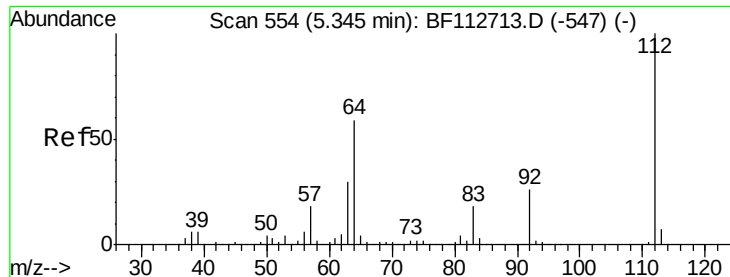
Delta R.T. 0.04 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:	42	Resp:	283282
Ion	Ratio	Lower	Upper
42	100		
74	131.3	105.8	158.8
44	6.9	6.2	9.2





#5

2-Fluorophenol

Concen: 109.302 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

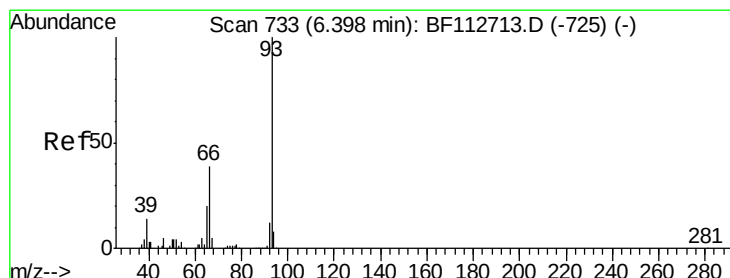
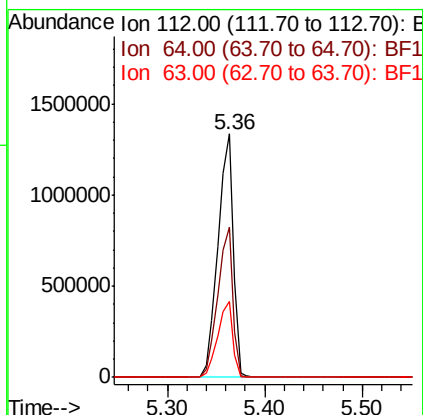
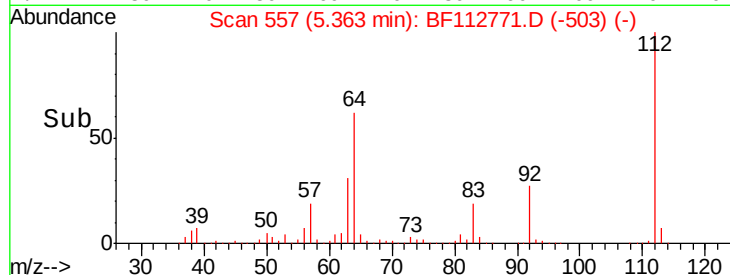
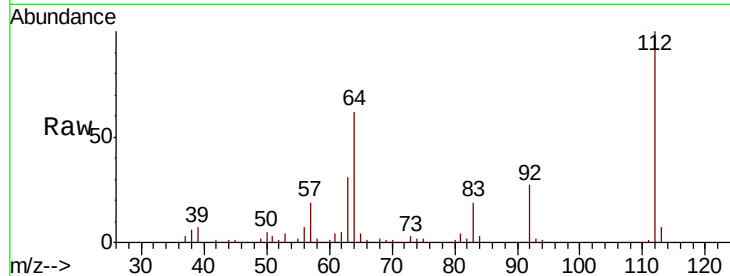
ClientSampleId :

B-5(9-10)MS

Tot Ion:	112	Resp:	1456807
Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.6	71.4
63	31.3	24.4	36.6

Manual Integrations
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3/1/2019 3:00:12 PM



#6

Aniline

Concen: 35.651 ng

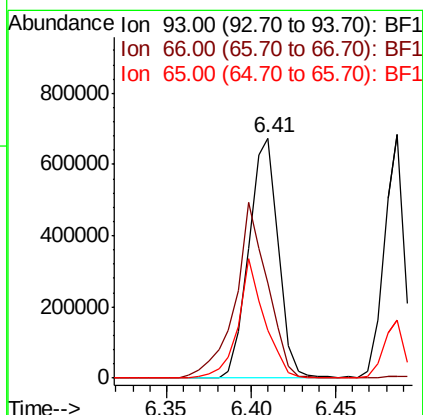
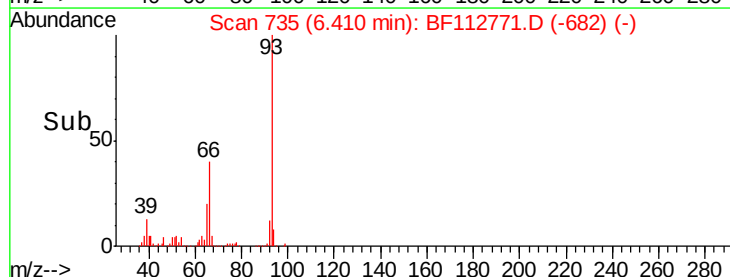
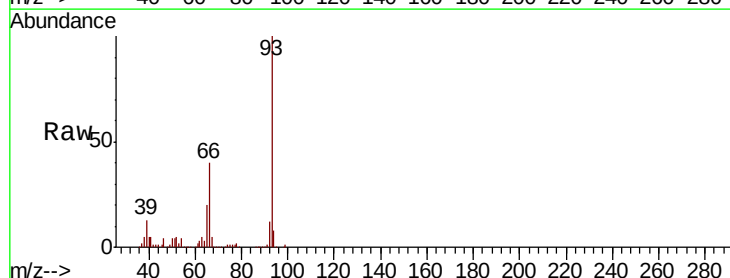
RT: 6.41 min Scan# 735

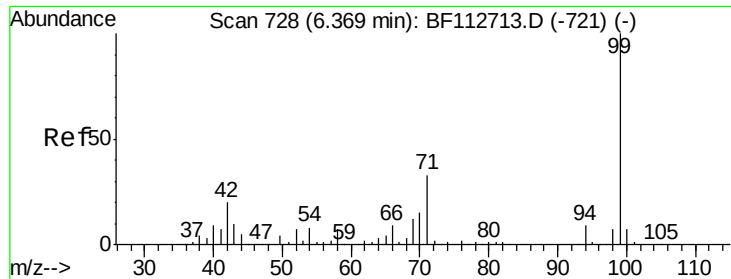
Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:	93	Resp:	821614
Ion	Ratio	Lower	Upper
93	100		
66	39.8	32.2	48.2
65	19.9	16.2	24.4





#7

Phenol-d6

Concen: 112.706 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

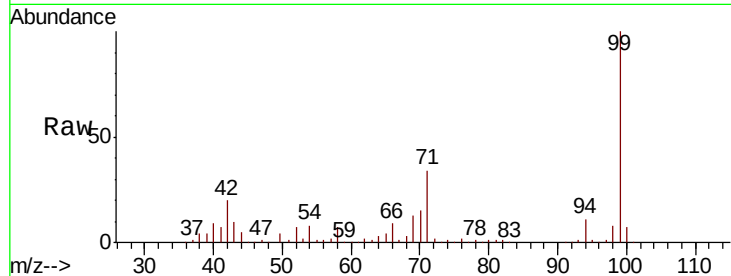
ClientSampleId :

B-5(9-10)MS

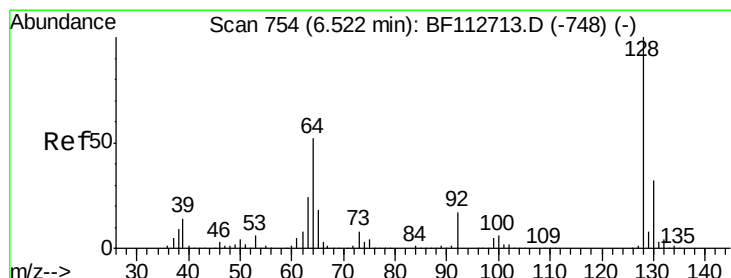
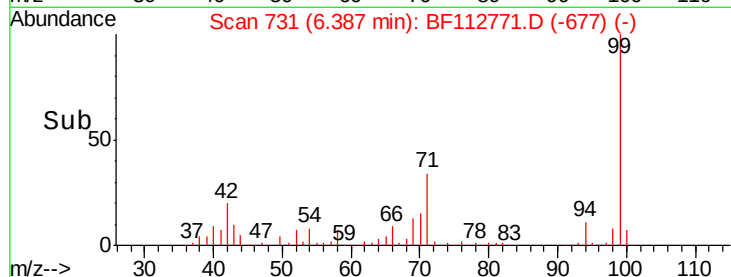
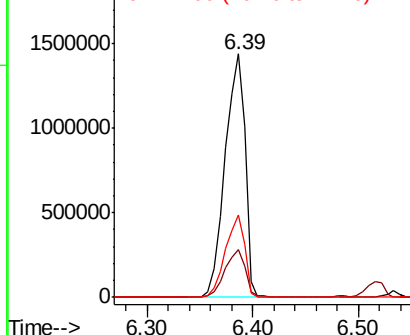
Tot Ion:	99	Resp:	1886977
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.3	24.5
71	33.6	26.2	39.4

Manual Integrations
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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: 37.764 ng

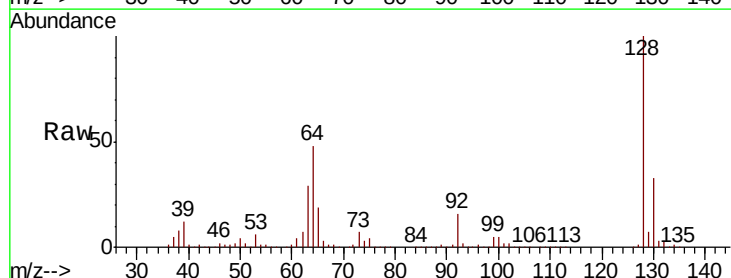
RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

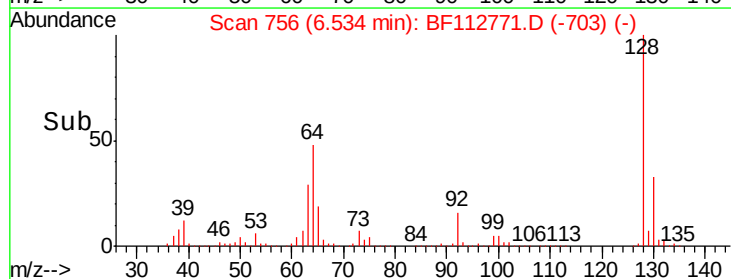
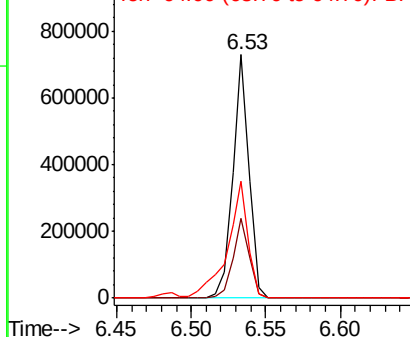
Lab File: BF112771.D

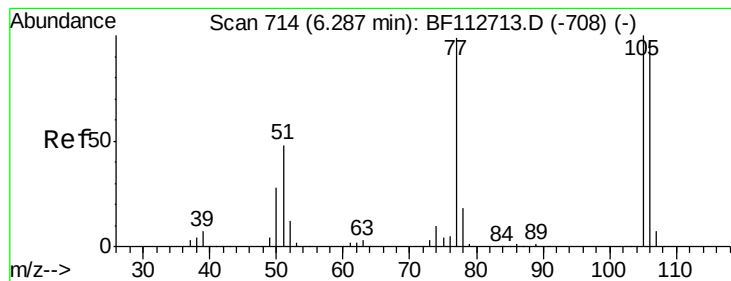
Acq: 28 Feb 2019 19:56

Tgt Ion:	128	Resp:	560299
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	48.0	32.2	72.2



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: 20.827 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

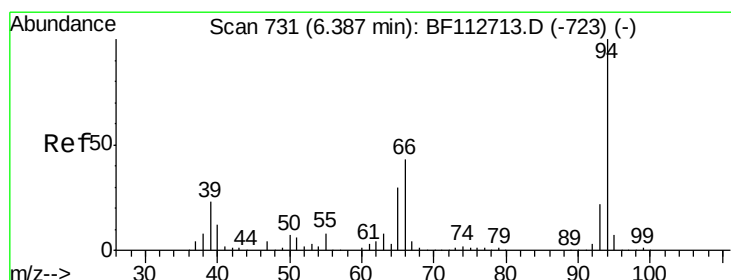
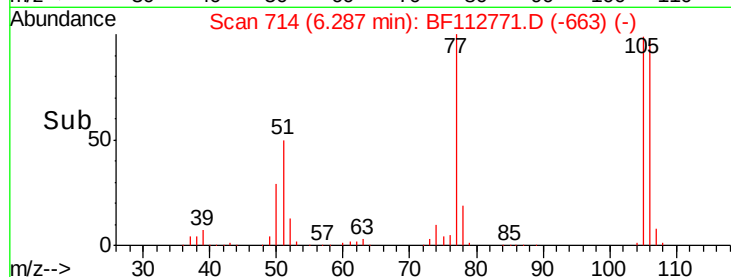
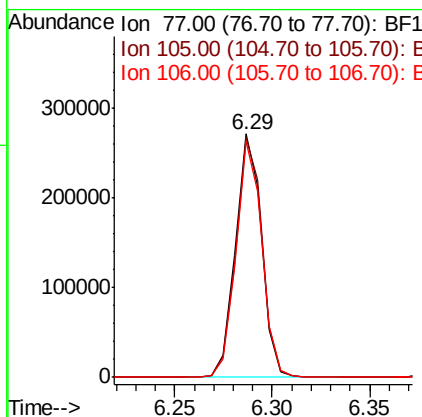
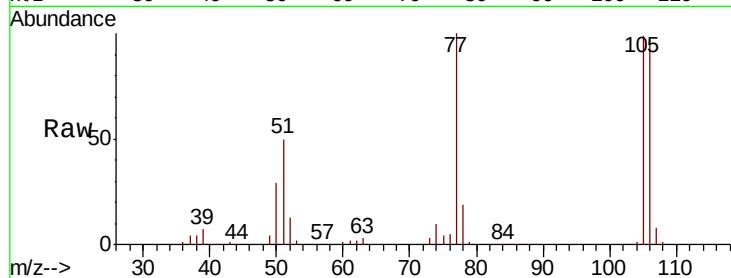
ClientSampleId :

B-5(9-10)MS

Tot Ion:	77	Resp:	251245
Ion	Ratio	Lower	Upper
77	100		
105	98.7	81.4	121.4
106	96.9	78.3	118.3

Manual Integrations
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3/1/2019 3:00:12 PM



#10

Phenol

Concen: 38.189 ng

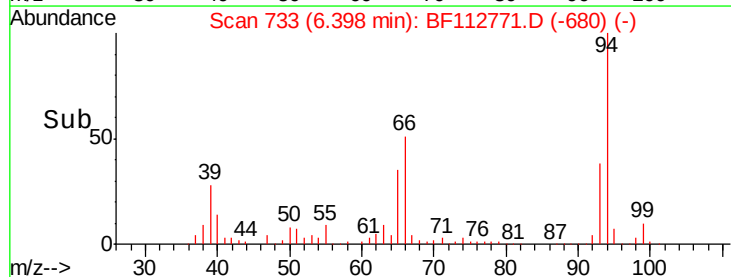
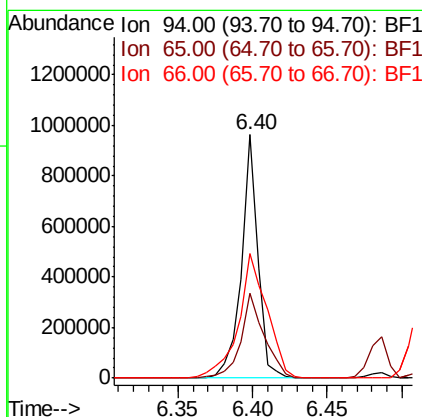
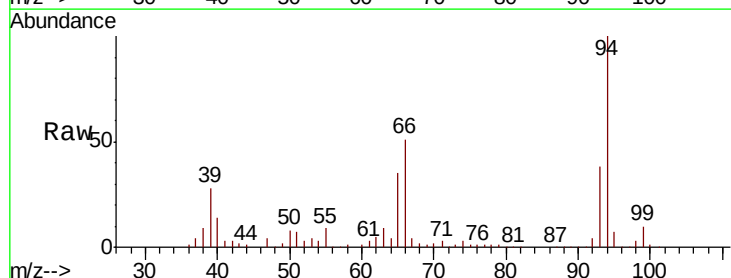
RT: 6.40 min Scan# 733

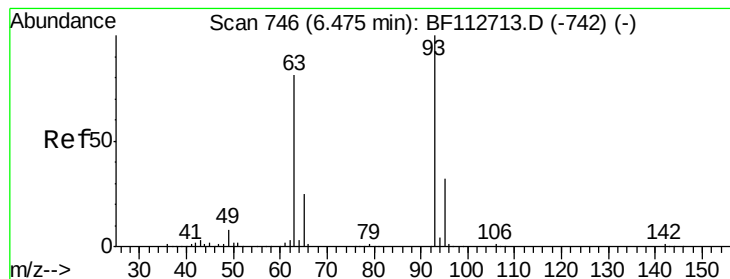
Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:	94	Resp:	746102
Ion	Ratio	Lower	Upper
94	100		
65	34.9	10.5	50.5
66	51.2	22.6	62.6





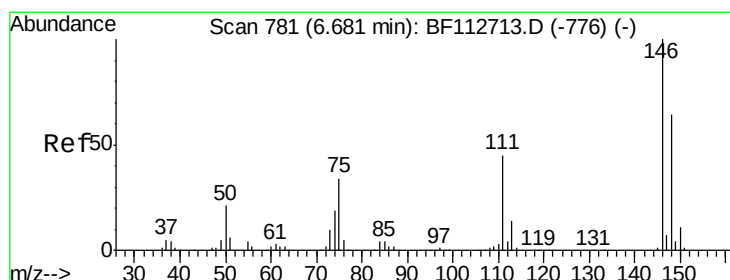
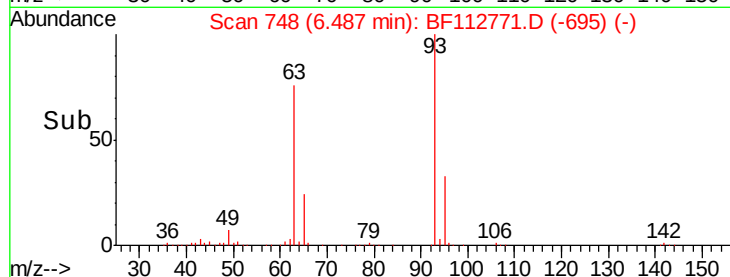
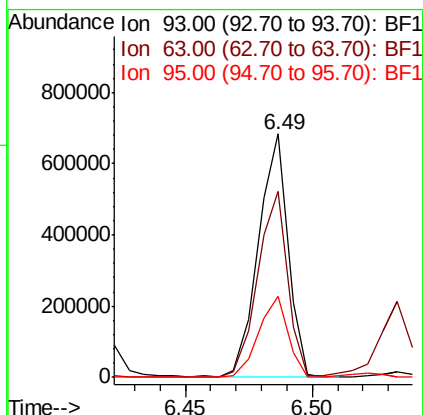
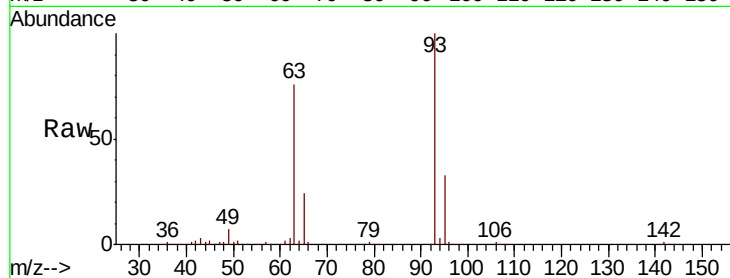
#11
bis(2-Chloroethyl)ether
Concen: 37.215 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion:	93	Resp:	558067
Ion Ratio	Lower	Upper	
93	100		
63	76.5	60.5	100.5
95	33.3	12.1	52.1

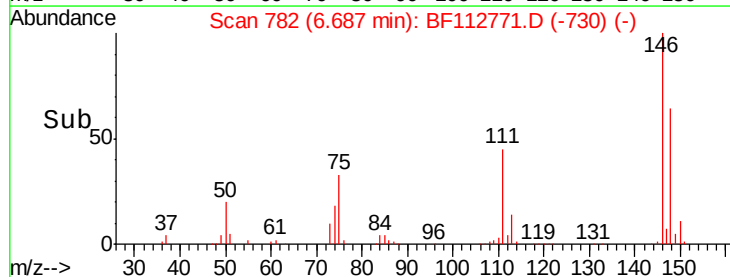
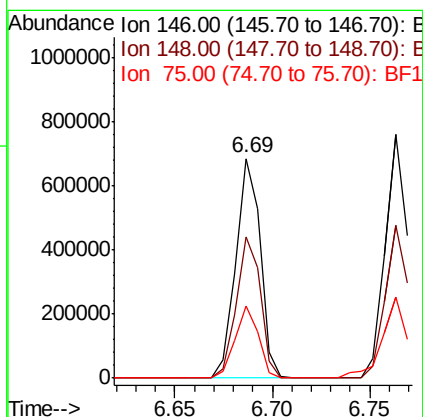
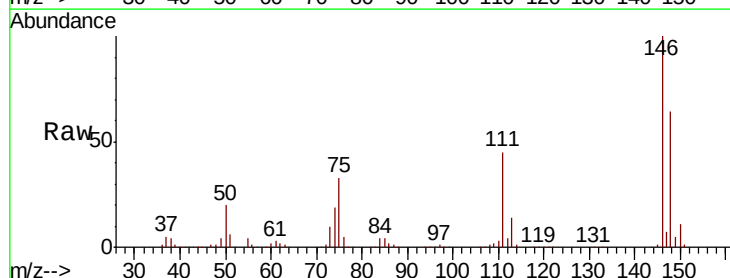
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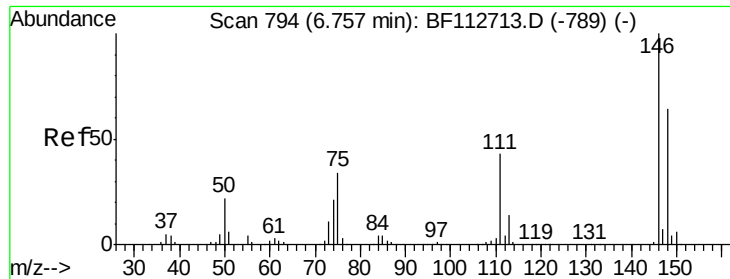
Sohil
3/1/2019 3:00:12 PM



#12
1,3-Dichlorobenzene
Concen: 38.879 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:	146	Resp:	595888
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	33.0	26.9	40.3





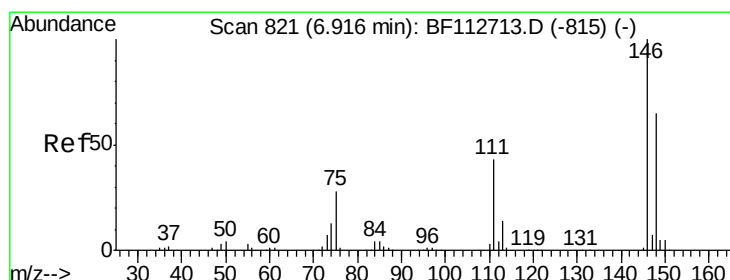
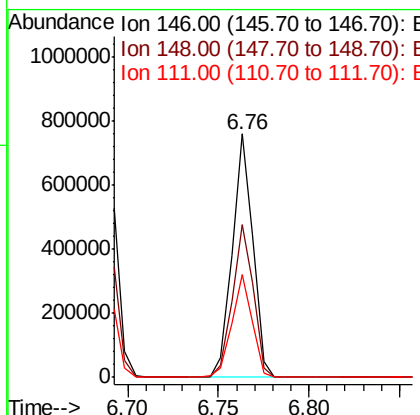
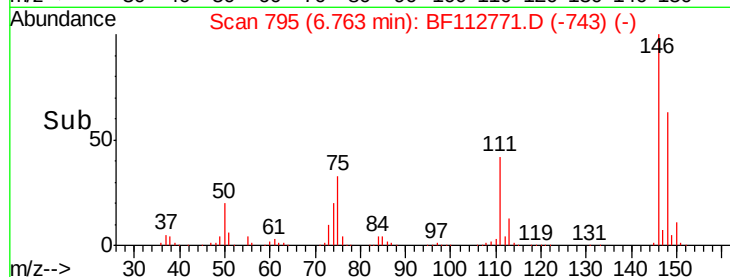
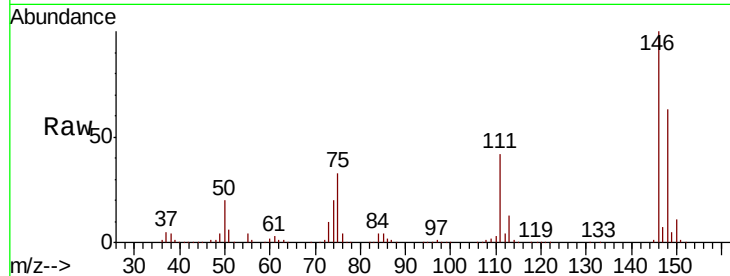
#13
 1,4-Dichlorobenzene
 Concen: 39.040 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampled :
 B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.4
111	42.5	34.5	51.7

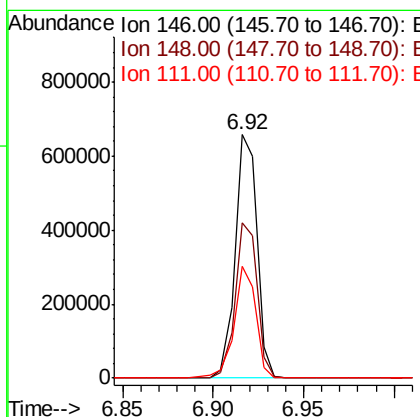
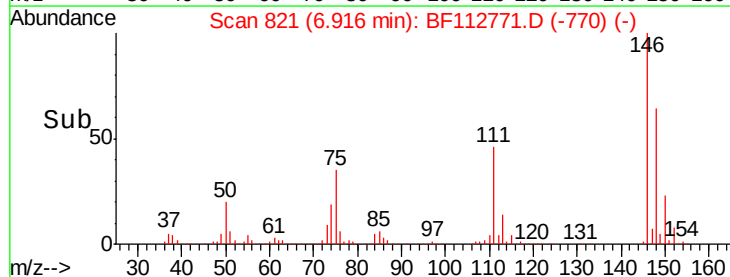
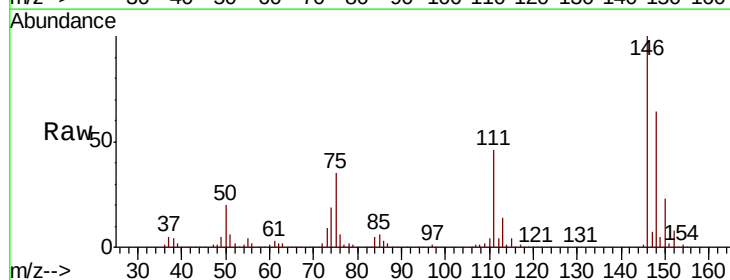
Manual Integrations
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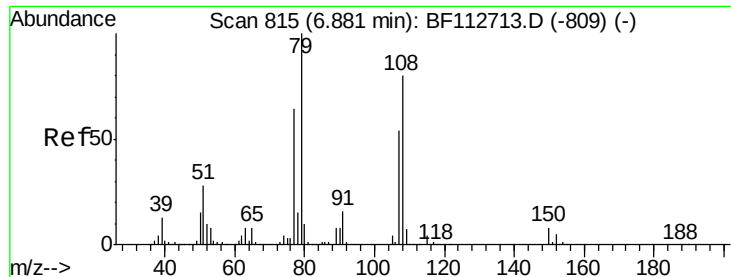
Sohil
 3/1/2019 3:00:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.212 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
111	46.2	34.8	52.2





#15

Benzyl Alcohol

Concen: 39.209 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

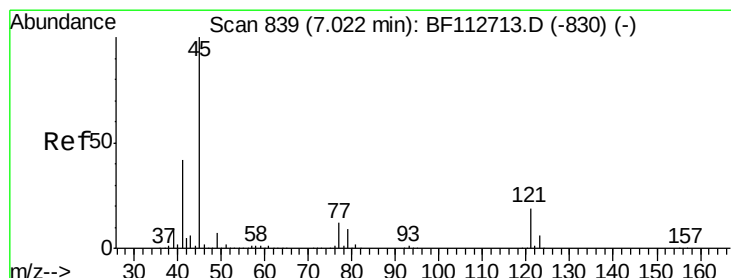
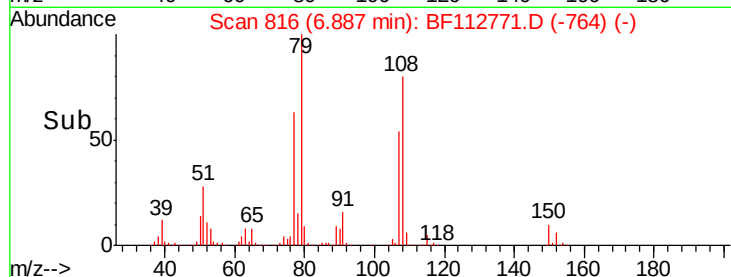
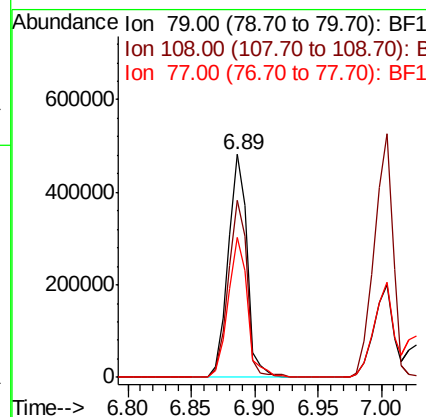
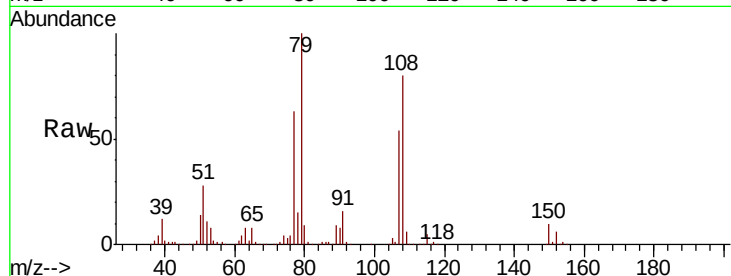
ClientSampleId :

B-5(9-10)MS

Tot Ion:	79	Resp:	500565
Ion Ratio	Lower	Upper	
79	100		
108	79.5	64.2	96.4
77	62.9	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.390 ng

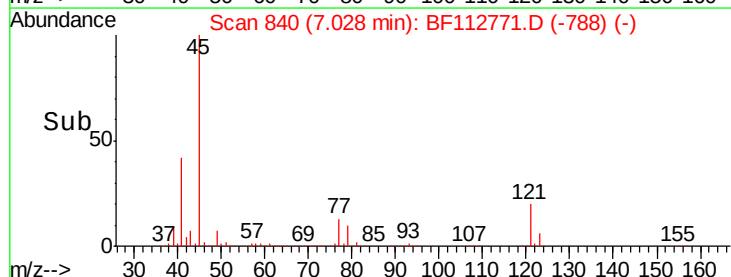
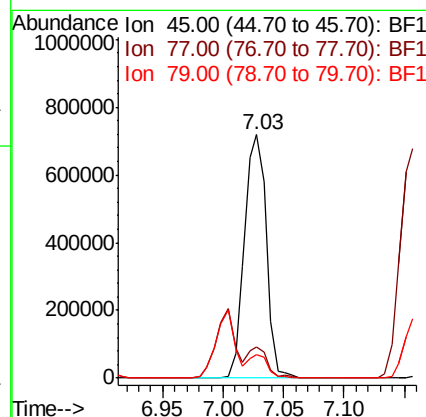
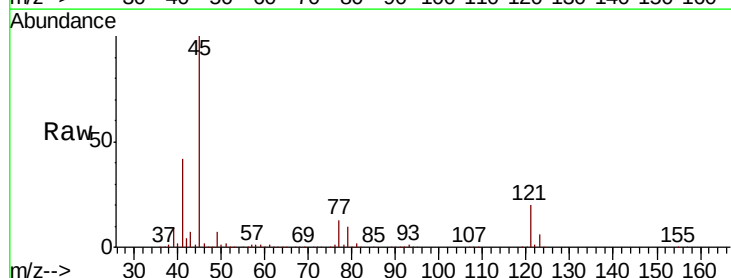
RT: 7.03 min Scan# 840

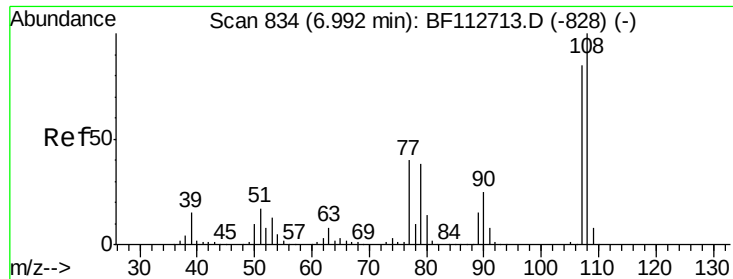
Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:	45	Resp:	910687
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.1
79	9.7	0.0	29.4





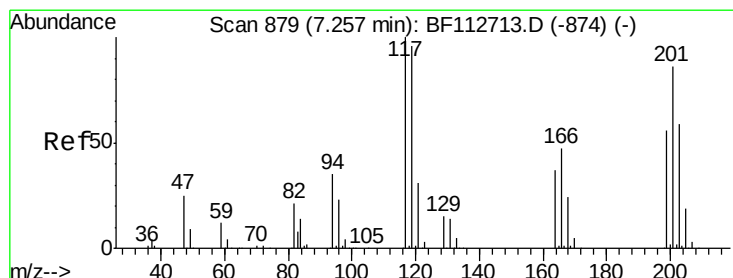
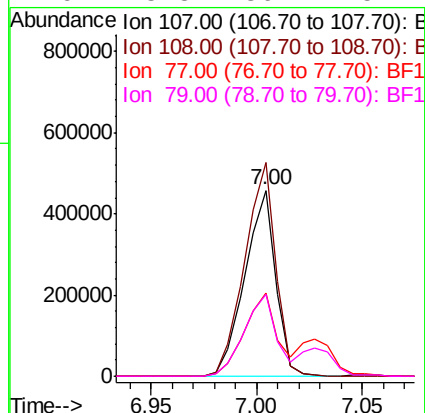
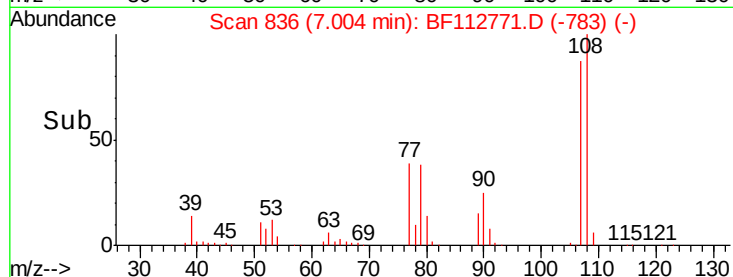
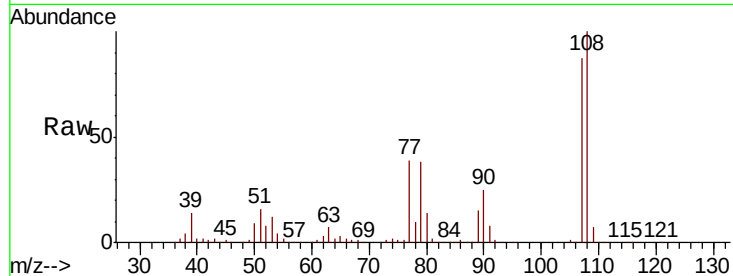
#17
2-Methylphenol
Concen: 38.554 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	94.6	142.0	
77	44.7	37.8	56.8	
79	43.8	36.2	54.2	

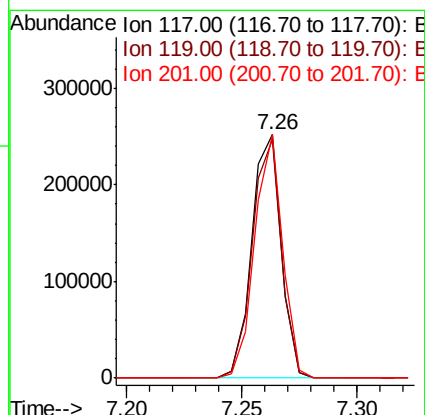
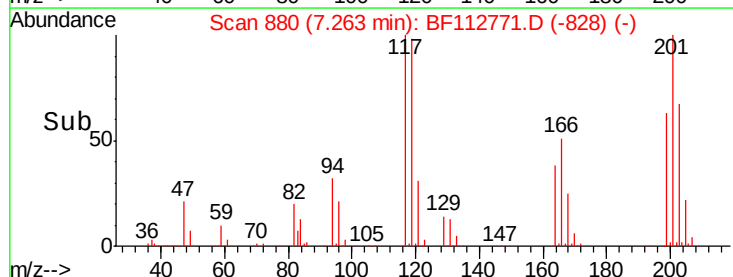
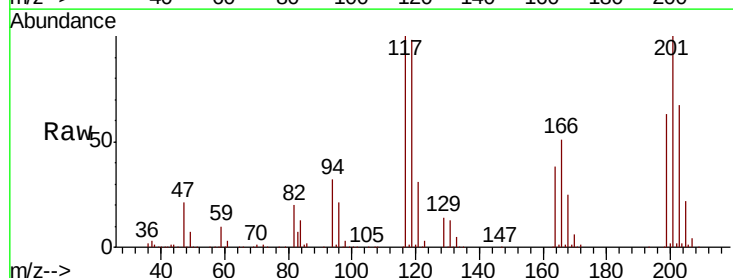
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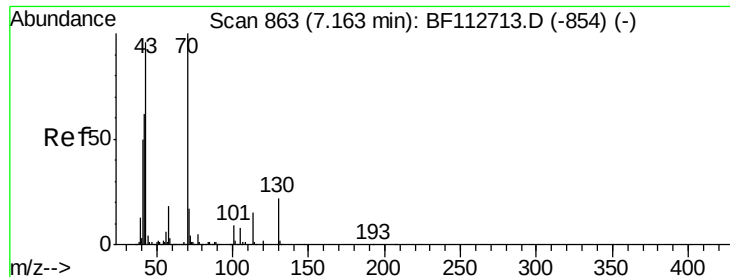
Sohil
3/1/2019 3:00:12 PM



#18
Hexachloroethane
Concen: 38.309 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.6	115.0	
201	99.9	68.9	103.3	





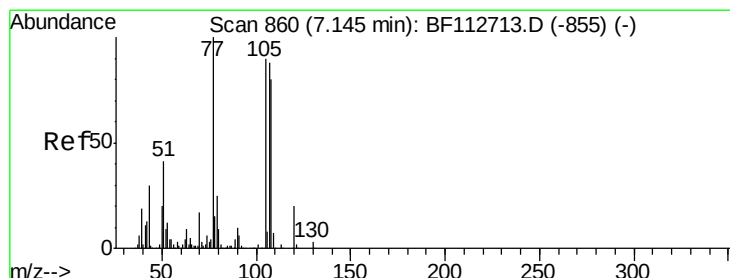
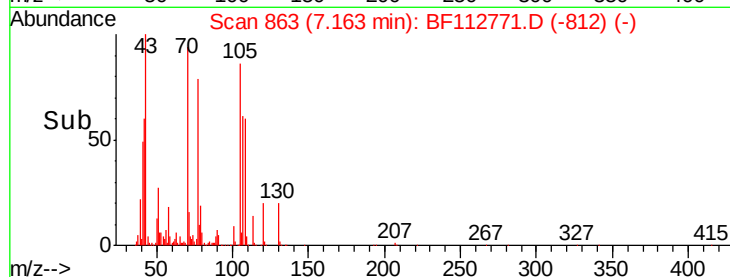
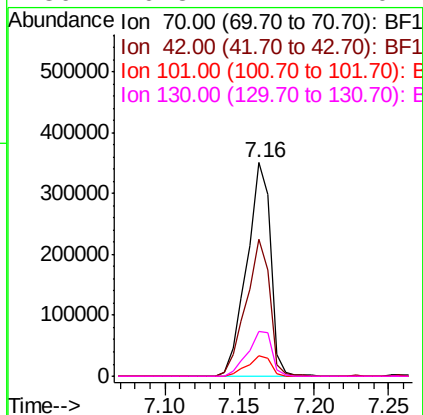
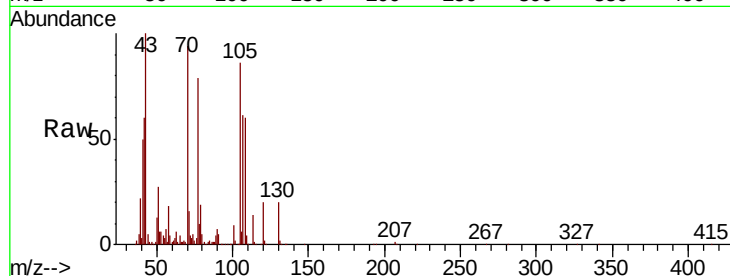
#19
n-Nitroso-di-n-propylamine
Concen: 36.452 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.0	49.9	74.9		
101	9.4	7.4	11.2		
130	20.8	17.4	26.2		

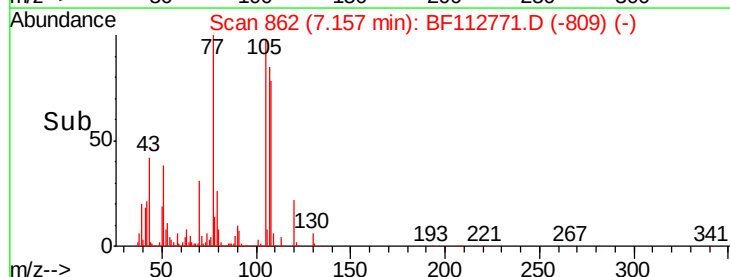
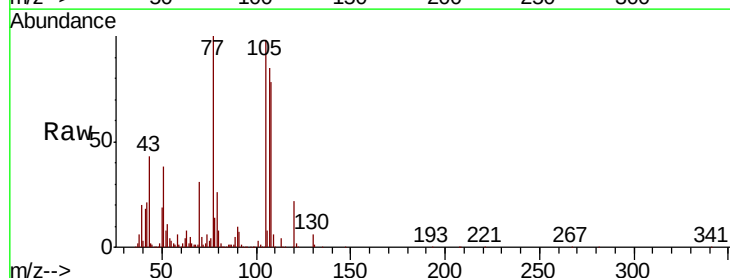
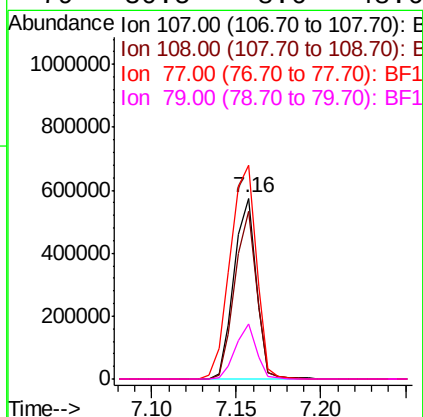
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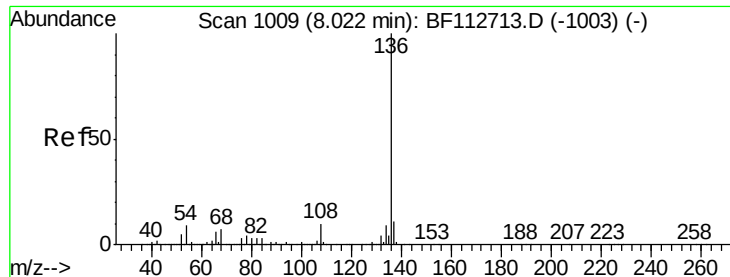
Sohil
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#20
3+4-Methylphenols
Concen: 38.598 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9	71.4	111.4		
77	118.3	94.1	134.1		
79	30.5	8.6	48.6		





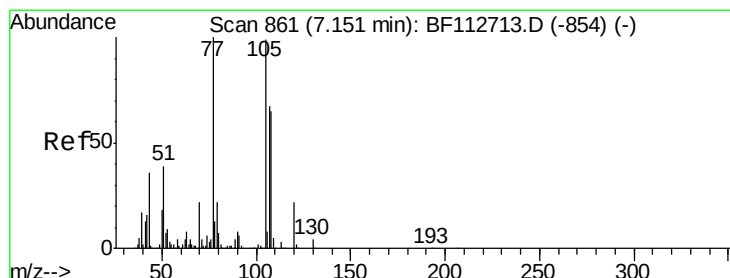
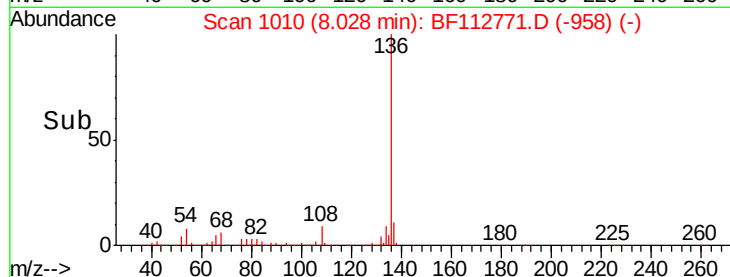
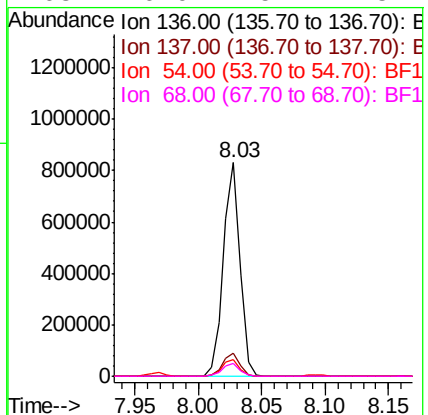
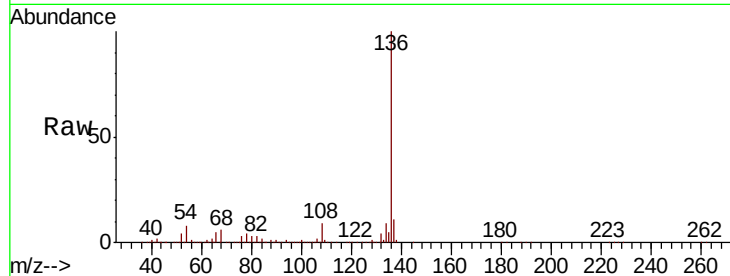
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		760733		
137	10.9	8.9	13.3		
54	7.8	7.3	10.9		
68	6.0	5.4	8.2		

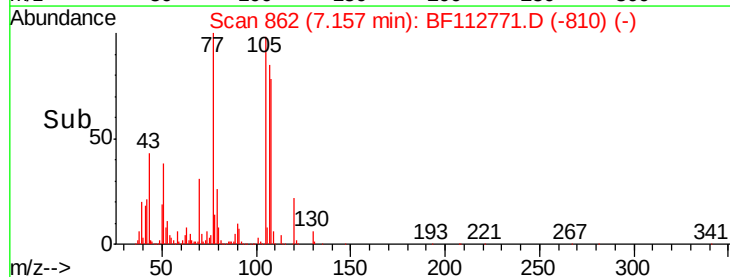
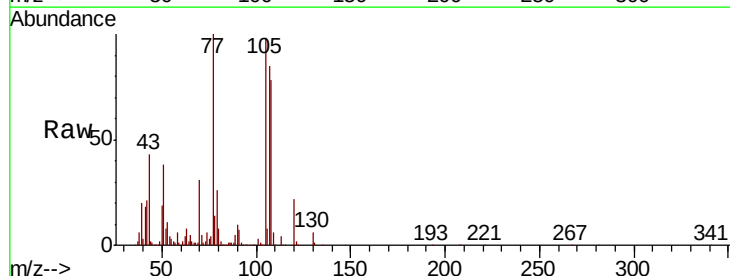
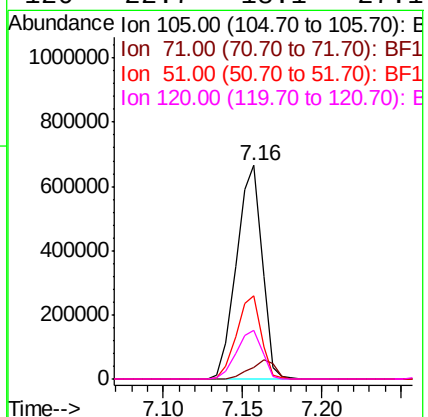
Manual Integrations
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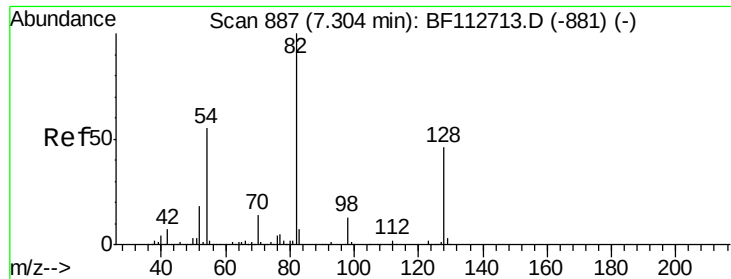
Sohil
3/1/2019 3:00:12 PM



#22
Acetophenone
Concen: 41.715 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		742023		
71	5.4	3.0	4.4#		
51	39.0	31.5	47.3		
120	22.7	18.1	27.1		





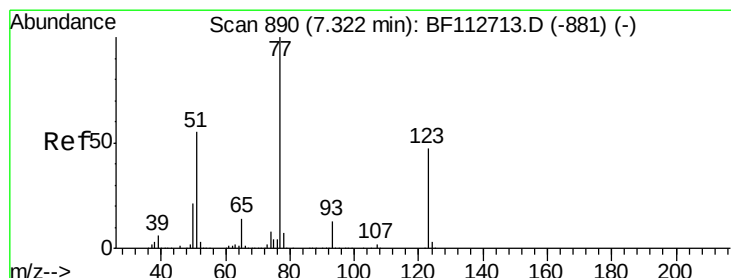
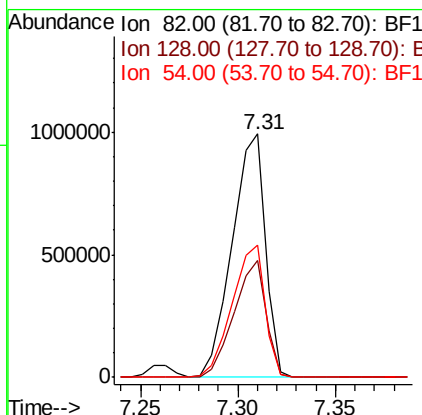
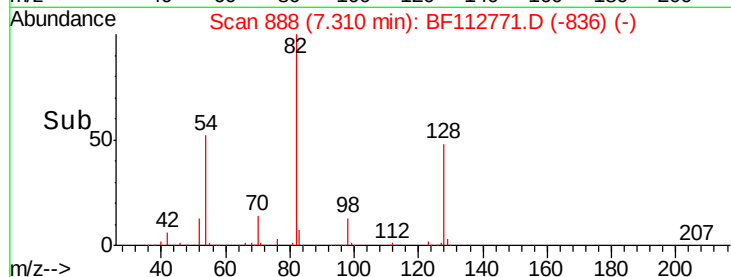
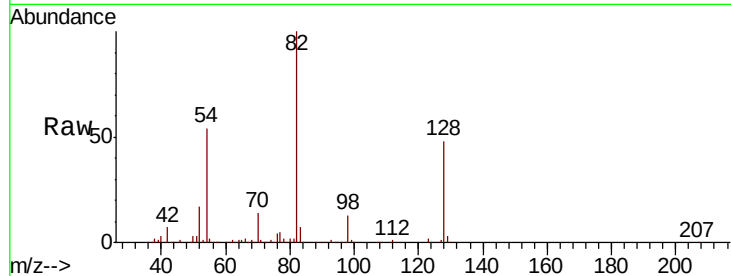
#23
 Nitrobenzene-d5
 Concen: 92.067 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampled :
 B-5(9-10)MS

Tot Ion	82	Resp	1170473
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.3	54.5
54	54.2	43.7	65.5

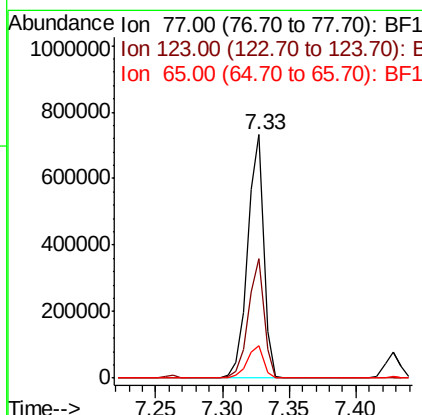
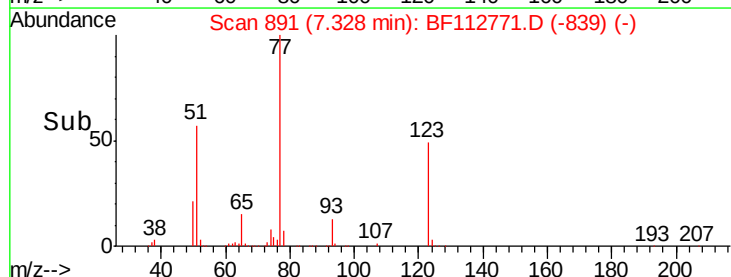
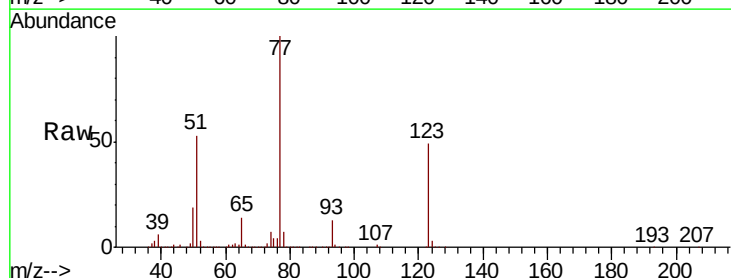
Manual Integrations
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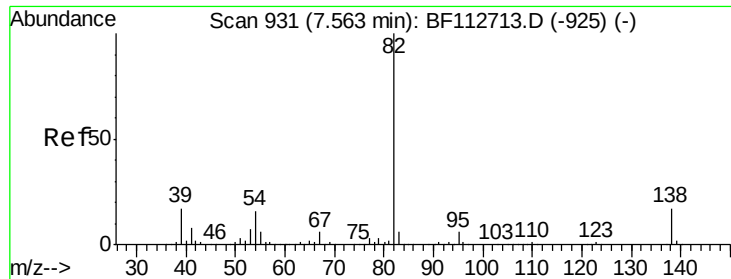
Sohil
 3/1/2019 3:00:12 PM



#24
 Nitrobenzene
 Concen: 42.517 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	77	Resp	601608
Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.8	56.6
65	13.6	11.1	16.7





#25

Isophorone

Concen: 39.749 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

Tot Ion: 82 Resp: 1088684

Ion Ratio Lower Upper

82 100

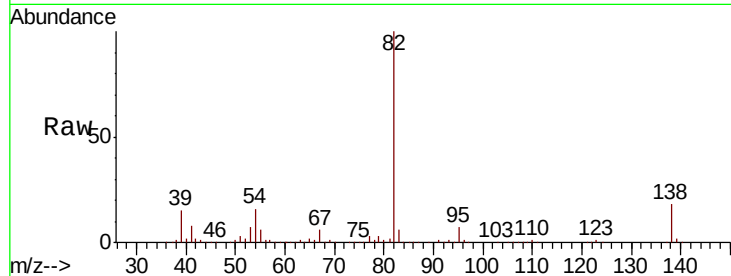
95 7.1 5.2 7.8

138 17.9 13.8 20.8

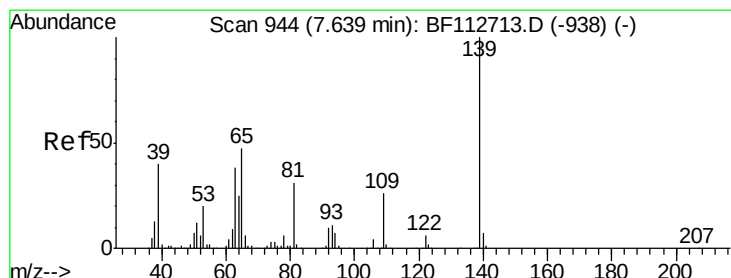
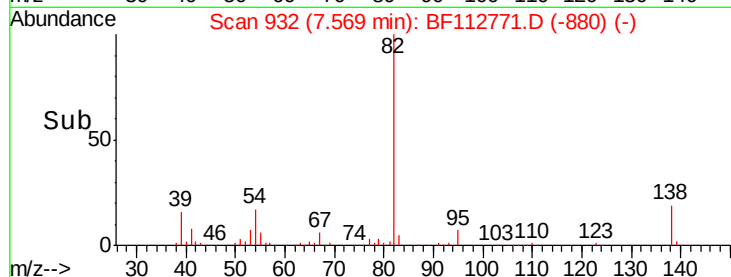
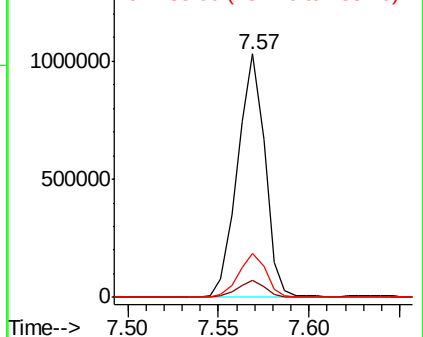
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.806 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

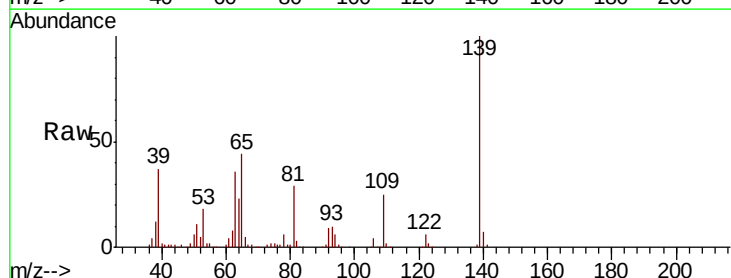
Tgt Ion: 139 Resp: 305154

Ion Ratio Lower Upper

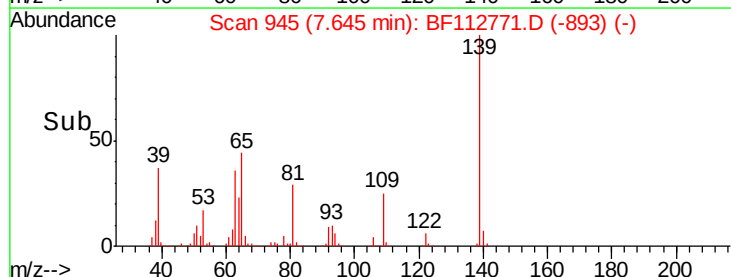
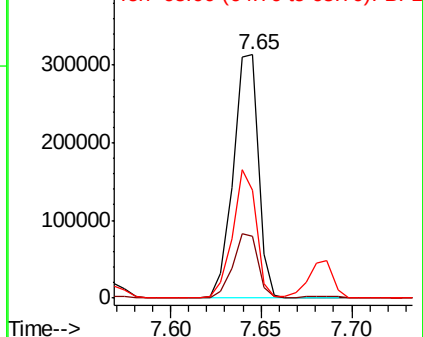
139 100

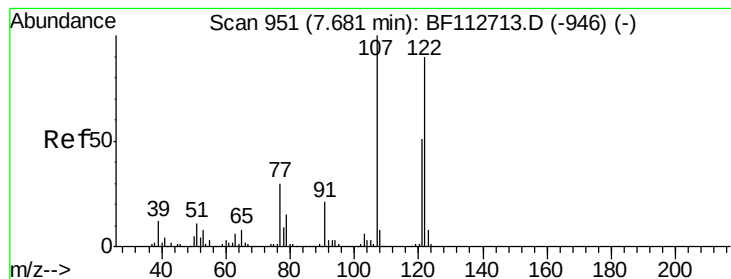
109 25.2 20.6 31.0

65 44.4 37.9 56.9



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





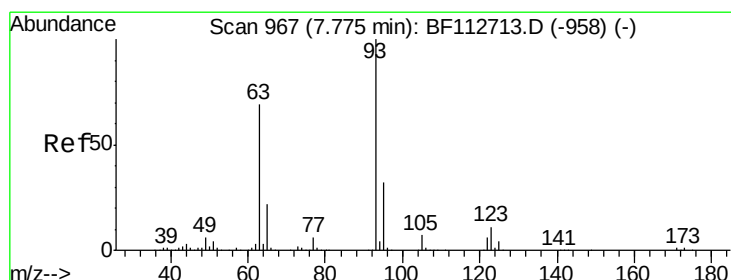
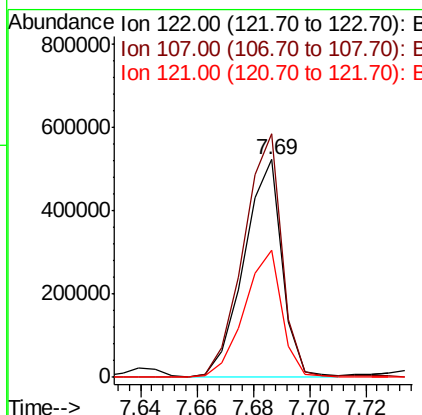
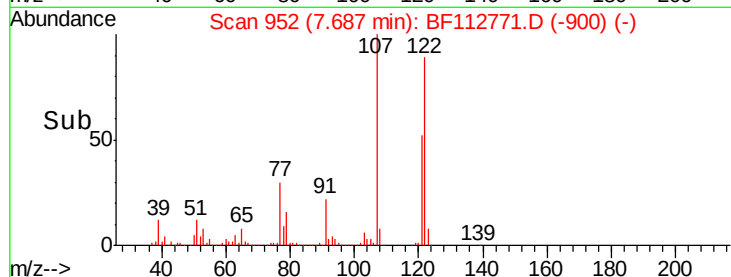
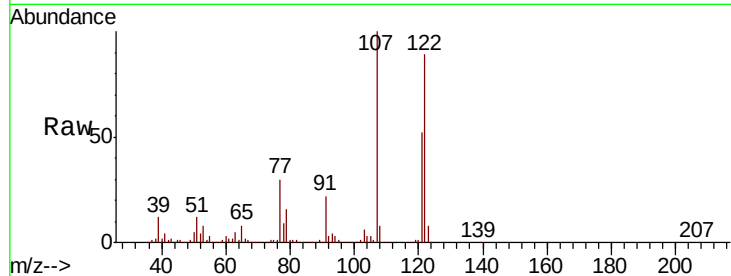
#27
 2,4-Dimethylphenol
 Concen: 44.613 ng
 RT: 7.69 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	488883		
107	111.9	89.4	134.0	
121	58.7	45.5	68.3	

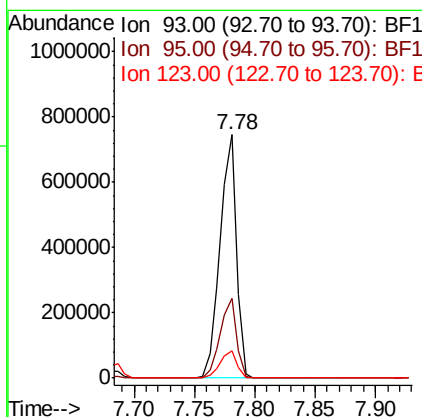
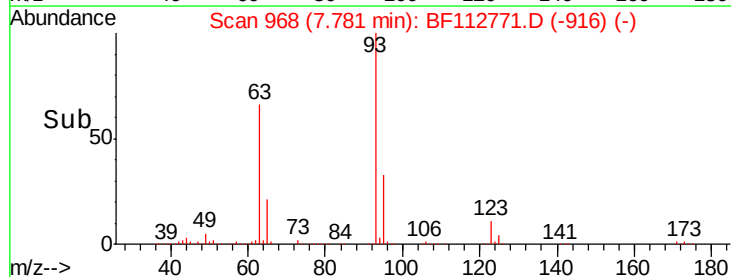
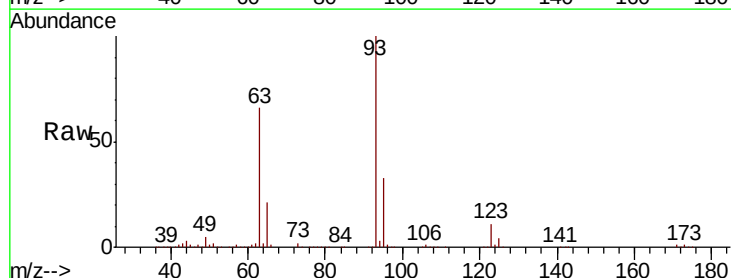
Manual Integrations
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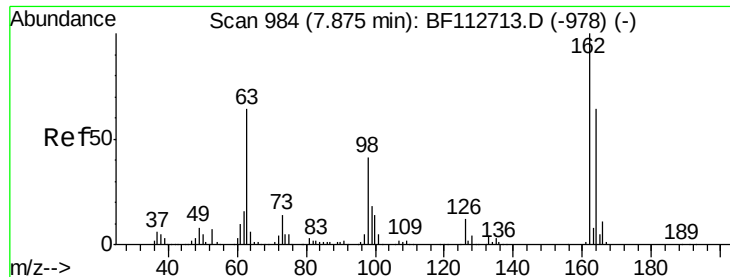
Sohil
 3/1/2019 3:00:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.830 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	699169		
95	32.9	26.0	39.0	
123	11.4	9.3	13.9	





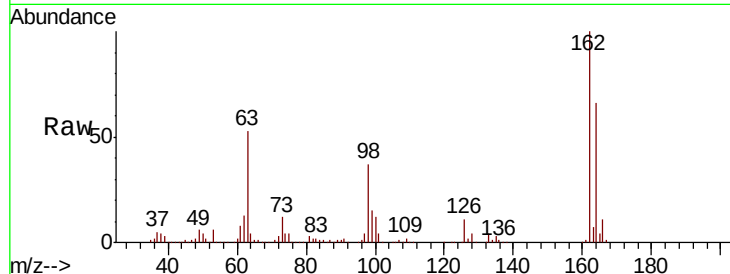
#29
2,4-Dichlorophenol
Concen: 43.733 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.0	84.0
98	36.6	20.7	60.7

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3/1/2019 3:00:12 PM

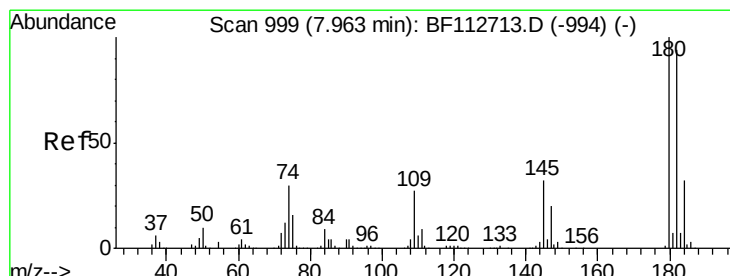
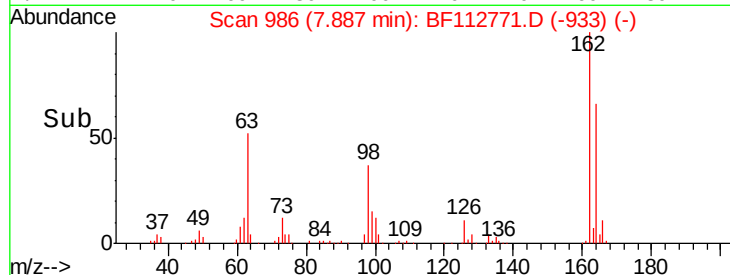
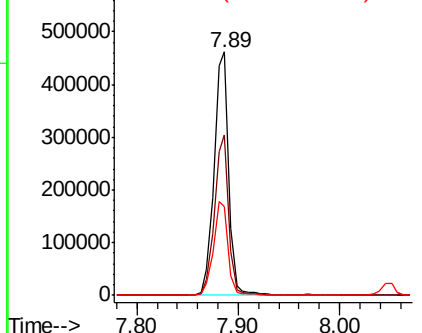


Abundance

Ion 162.00 (161.70 to 162.70): E

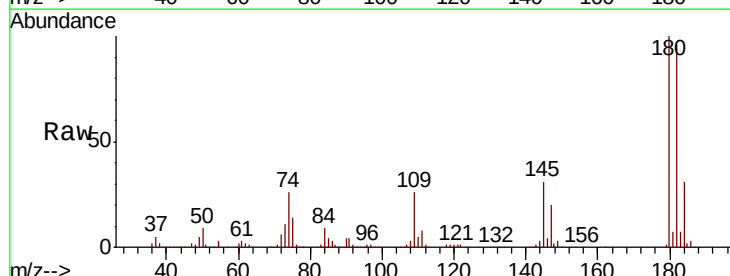
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.997 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.2	112.8
145	31.1	25.4	38.0

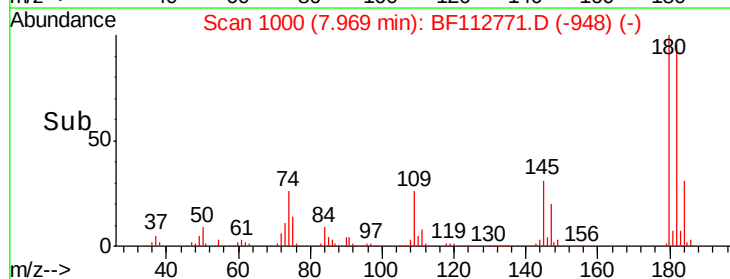
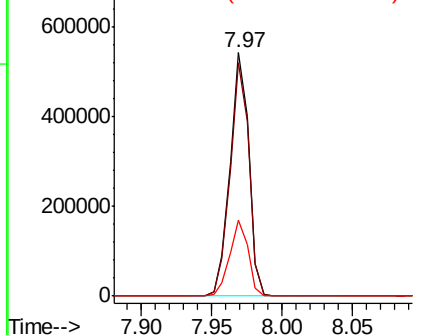


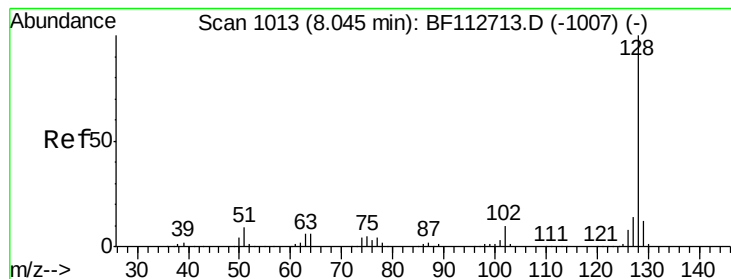
Abundance

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: 41.931 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

Tot Ion:128 Resp: 1583689

Ion Ratio Lower Upper

128 100

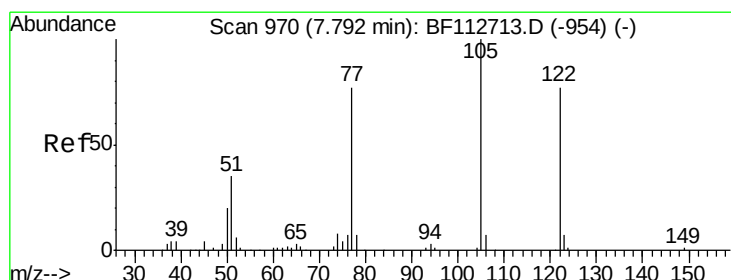
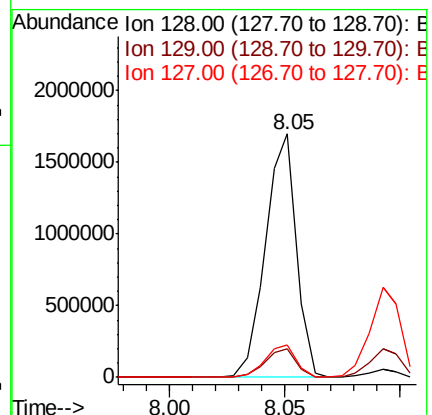
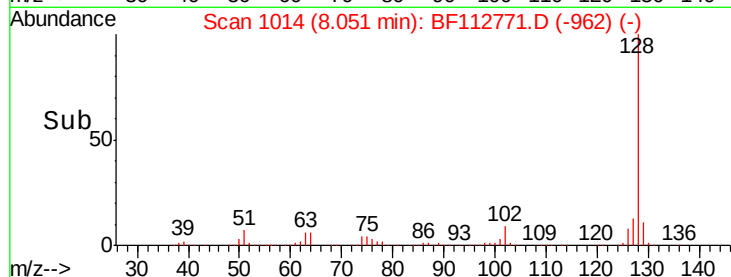
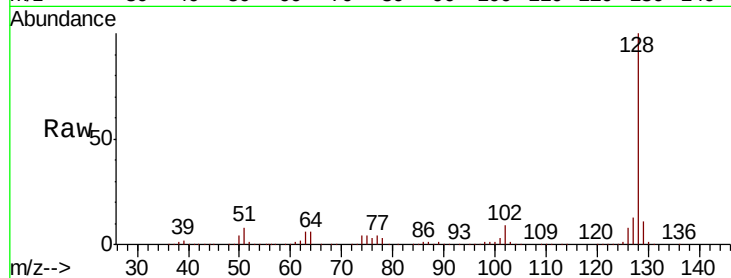
129 11.5 9.3 13.9

127 13.5 10.9 16.3

Manual Integrations
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#32

Benzoic acid

Concen: 6.530 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

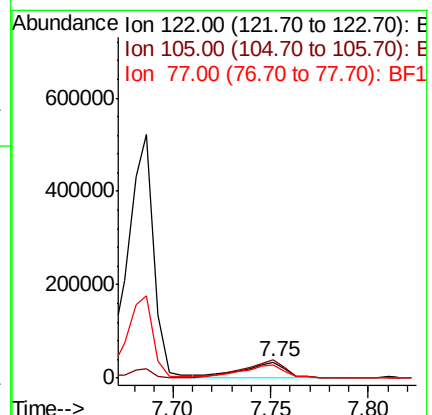
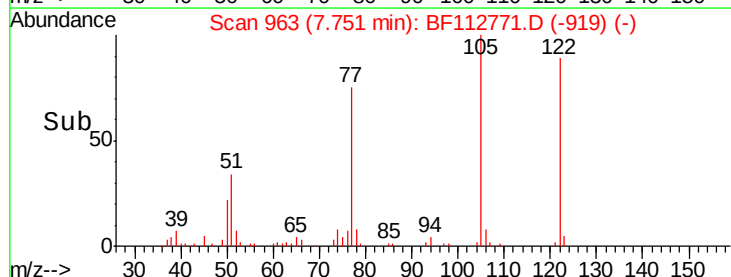
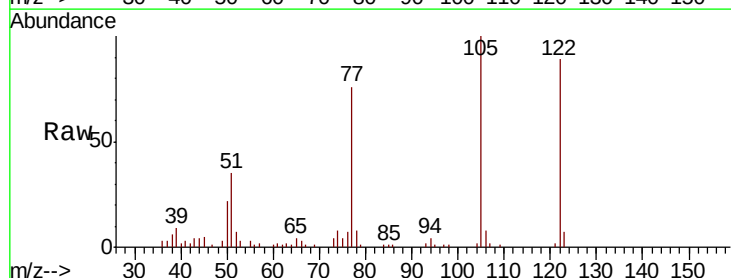
Tgt Ion:122 Resp: 50157

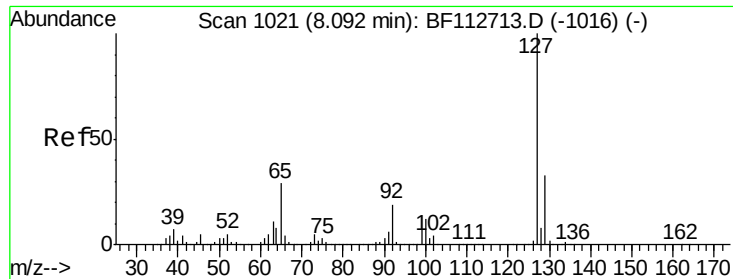
Ion Ratio Lower Upper

122 100

105 112.7 106.8 146.8

77 85.9 79.4 119.4





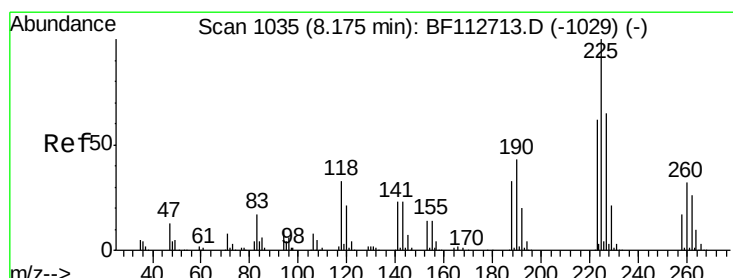
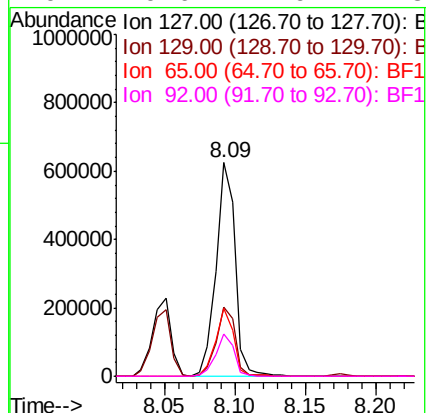
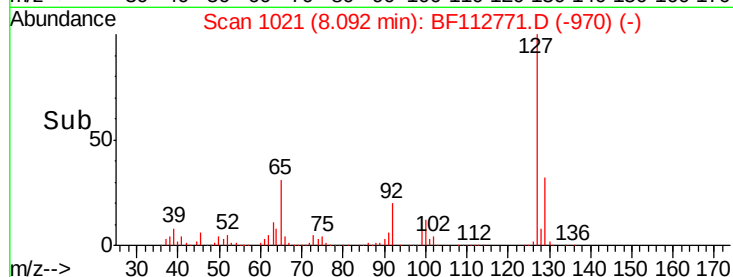
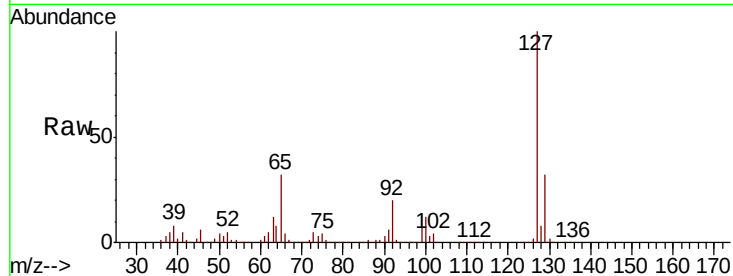
#33
4-Chloroaniline
Concen: 36.672 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.4	39.6	
65	31.8	23.1	34.7	
92	19.6	14.9	22.3	

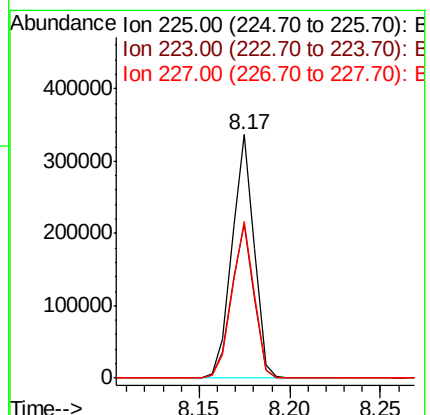
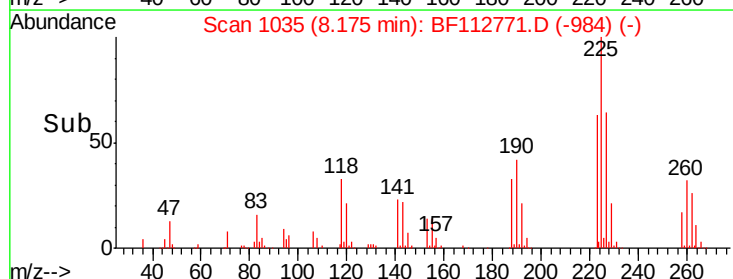
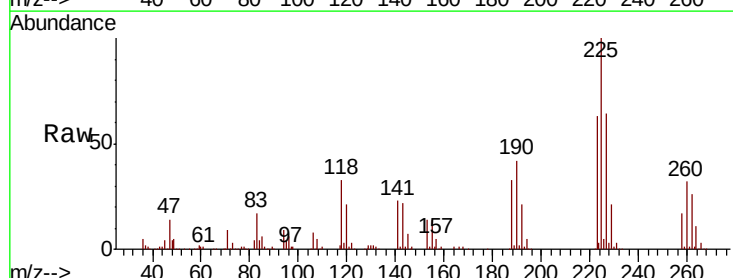
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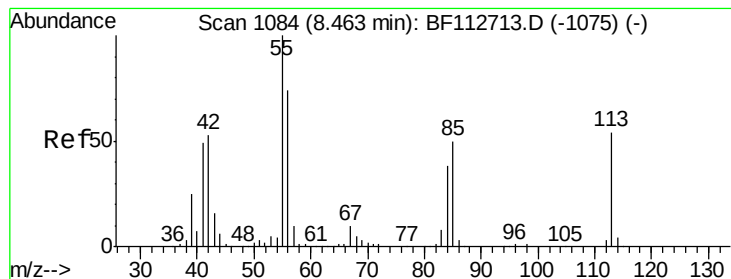
Sohil
3/1/2019 3:00:12 PM



#34
Hexachlorobutadiene
Concen: 44.390 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	49.7	74.5	
227	64.1	52.1	78.1	





#35

Caprolactam

Concen: 37.641 ng/ml

RT: 8.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

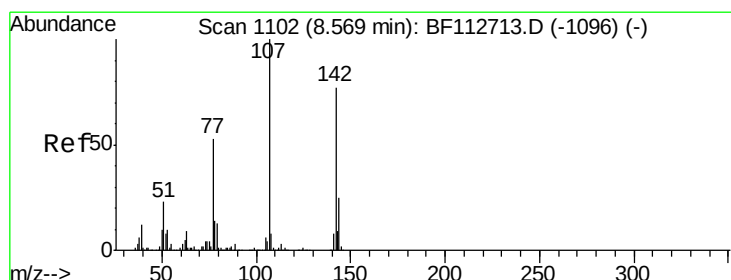
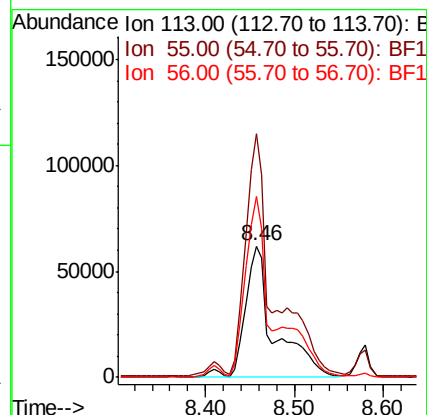
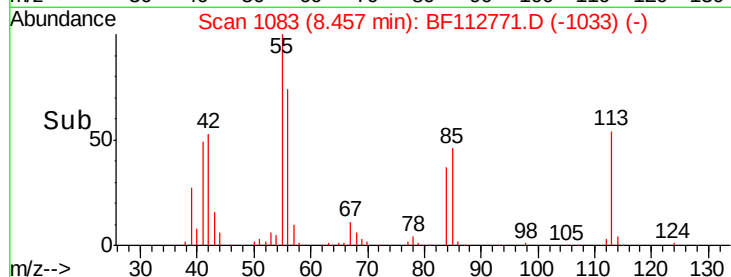
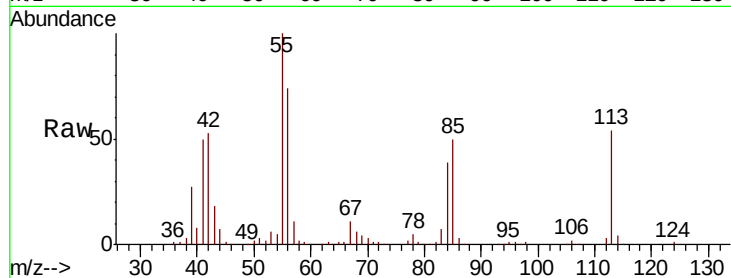
ClientSampleID :

B-5(9-10)MS

Tot Ion:	113	Resp:	140884
Ion Ratio	Lower	Upper	
113	100		
55	185.2	163.5	203.5
56	137.3	115.3	155.3

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#36

4-Chloro-3-methylphenol

Concen: 40.447 ng/ml

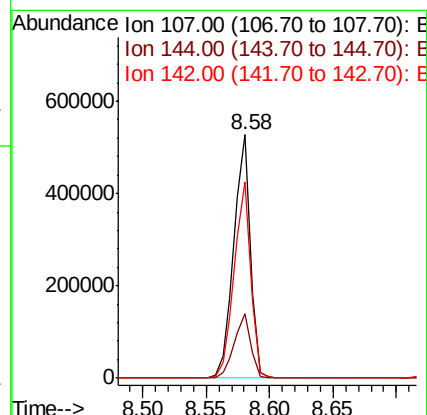
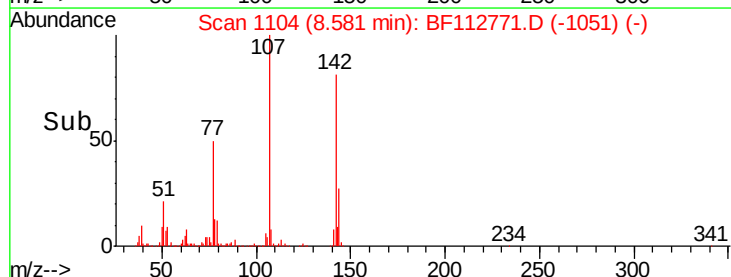
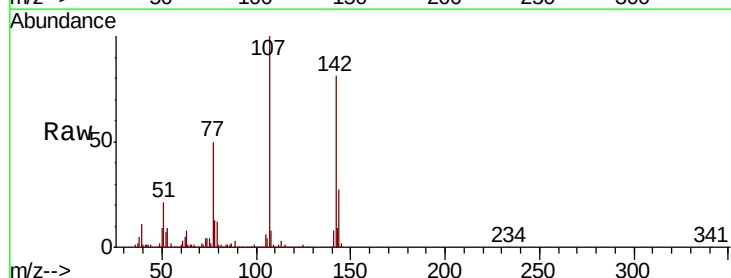
RT: 8.58 min Scan# 1104

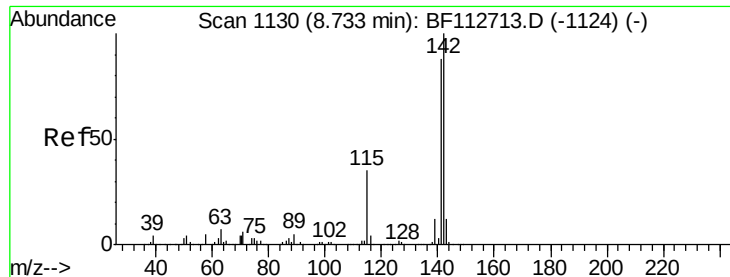
Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:	107	Resp:	475672
Ion Ratio	Lower	Upper	
107	100		
144	26.6	20.1	30.1
142	80.7	61.9	92.9





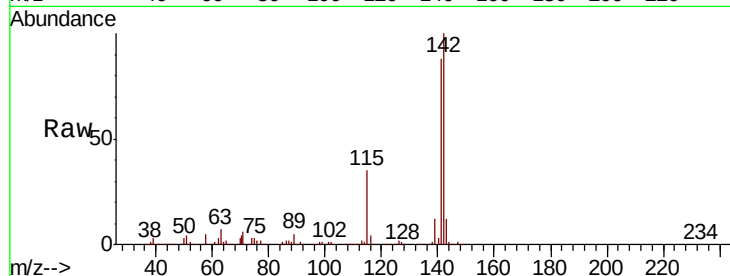
#37
2-Methylnaphthalene
Concen: 42.878 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	34.6	27.8	41.6

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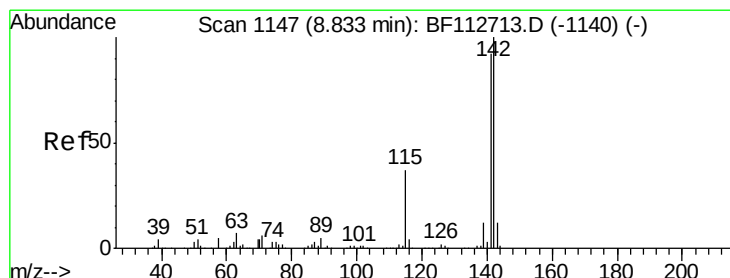
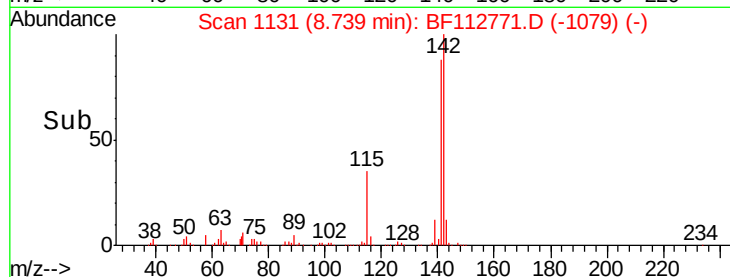
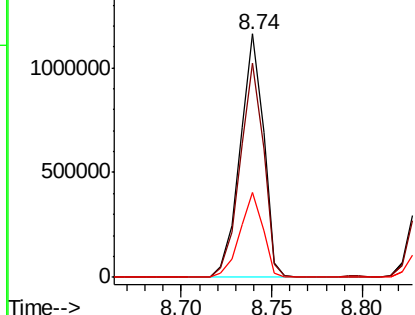


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.884 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

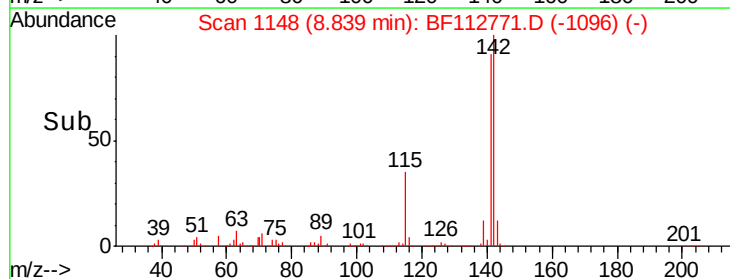
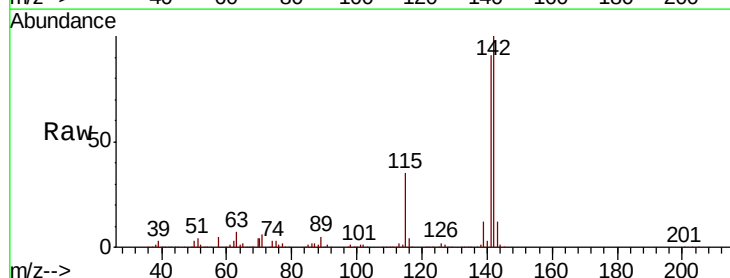
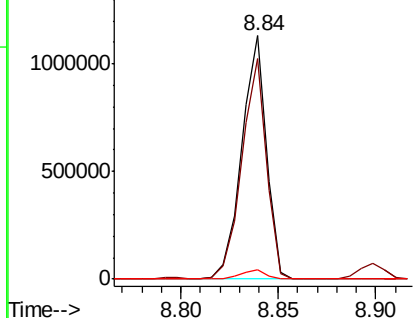
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.7	110.5
116	3.6	3.1	4.7

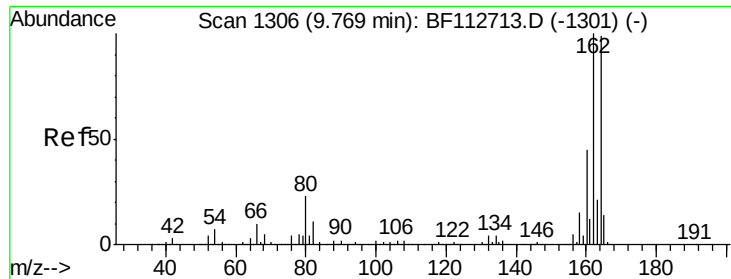
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





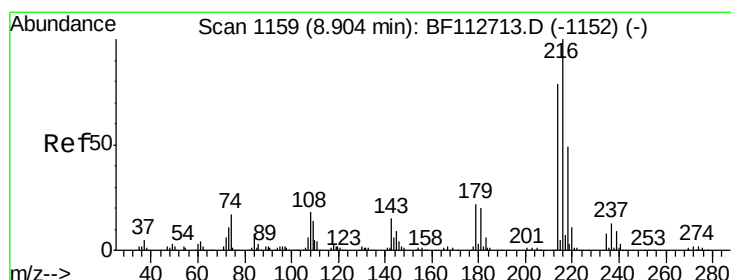
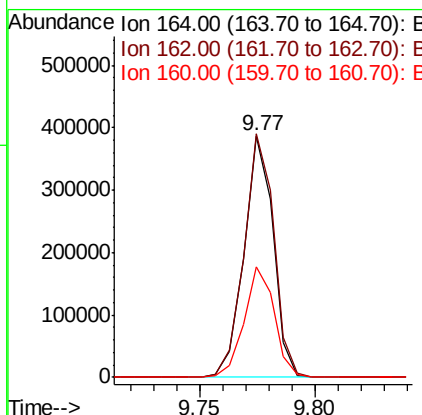
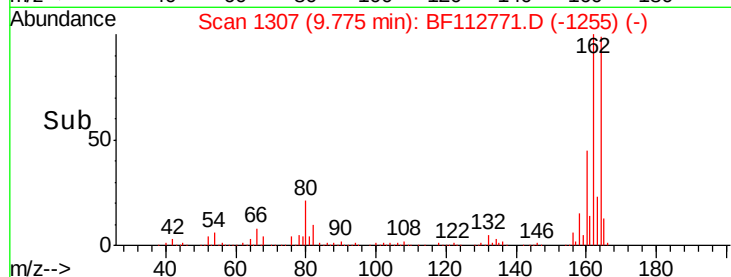
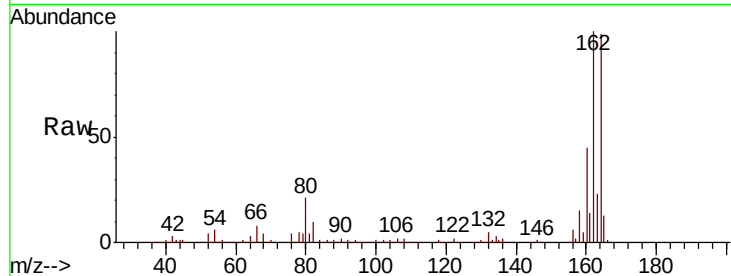
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.7	36.0	54.0

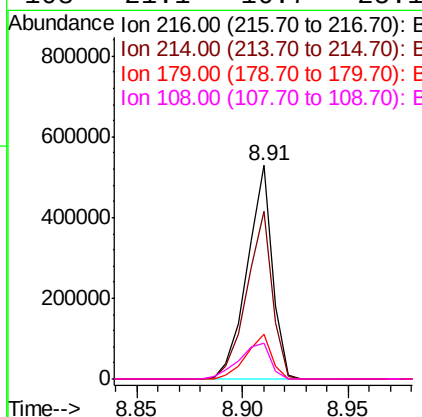
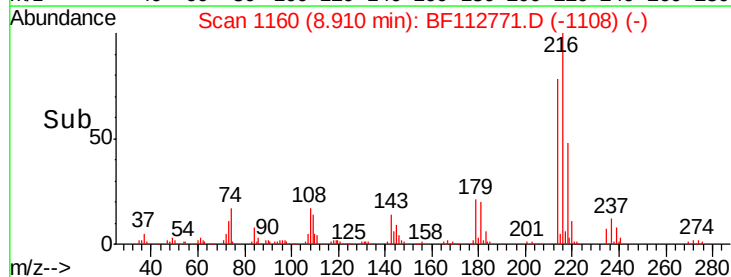
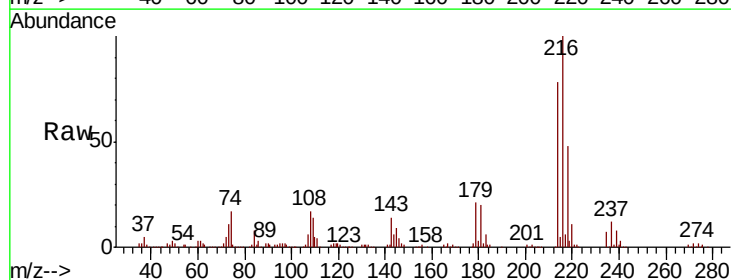
Manual Integrations
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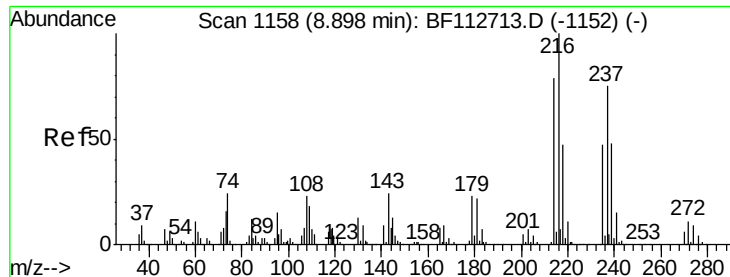
Sohil
3/1/2019 3:00:12 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.858 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.2	94.8
179	21.3	17.5	26.3
108	21.1	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 99.057 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

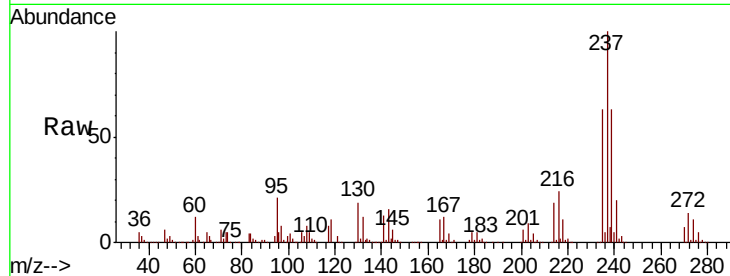
ClientSampleId :

B-5(9-10)MS

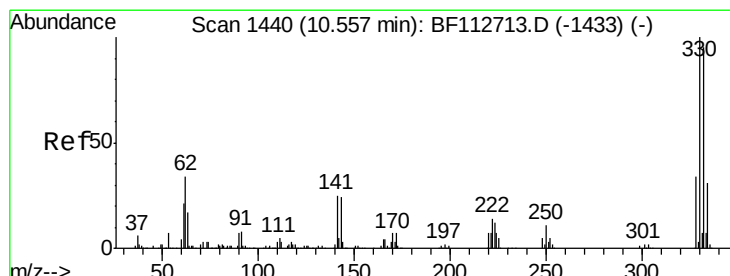
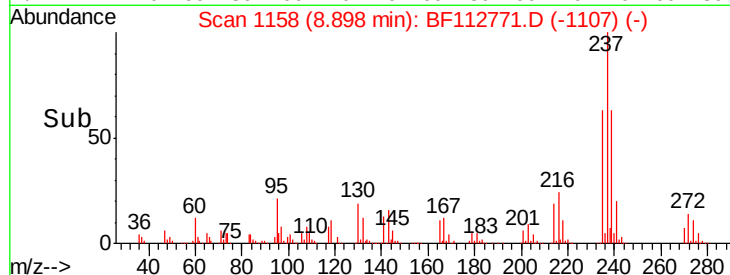
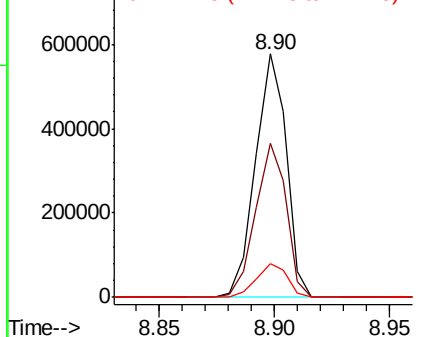
Tot Ion:	237	Resp:	541344
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.2	82.2
272	13.8	0.0	34.0

Manual Integrations
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3/1/2019 3:00:12 PM



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: 131.571 ng

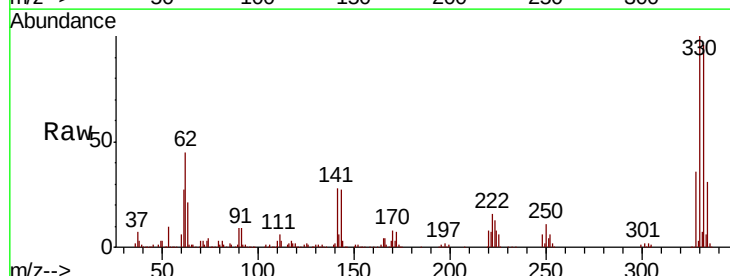
RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

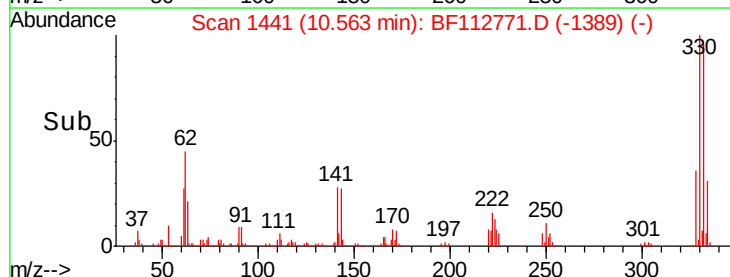
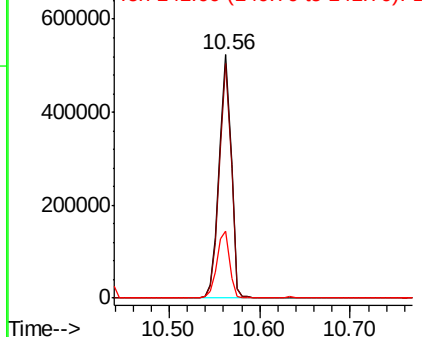
Lab File: BF112771.D

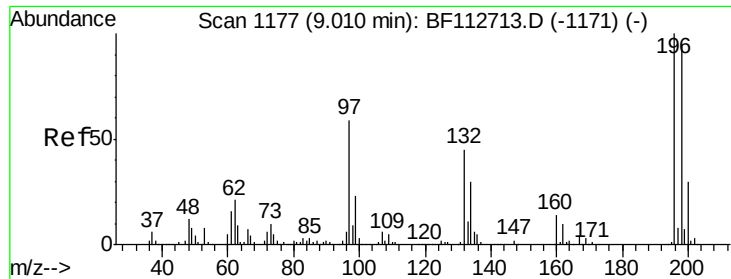
Acq: 28 Feb 2019 19:56

Tgt Ion:	330	Resp:	478030
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.2	114.4
141	29.1	27.0	40.6



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





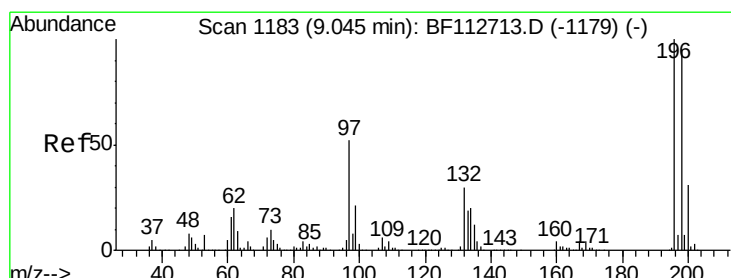
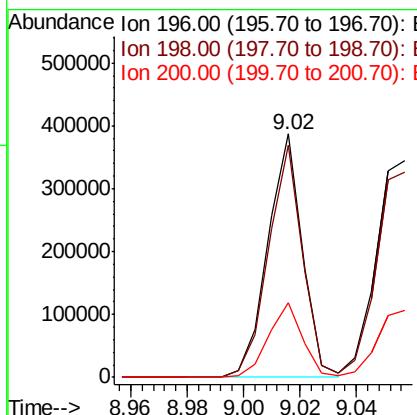
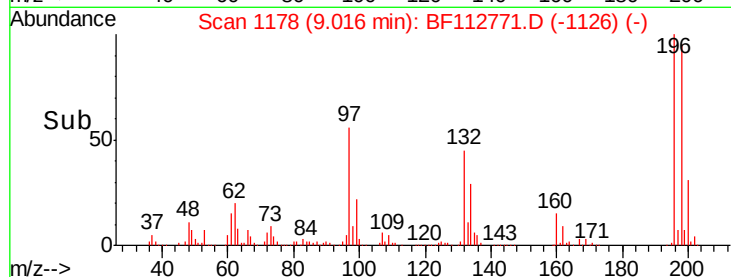
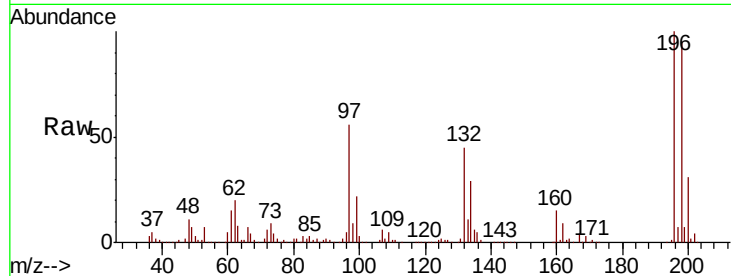
#43
 2,4,6-Trichlorophenol
 Concen: 47.936 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampled :
 B-5(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	329245		
198	95.1	75.8	113.8	
200	30.5	24.3	36.5	

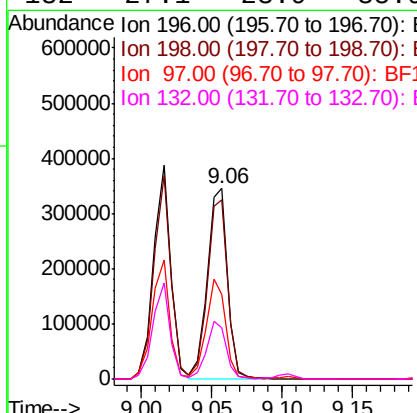
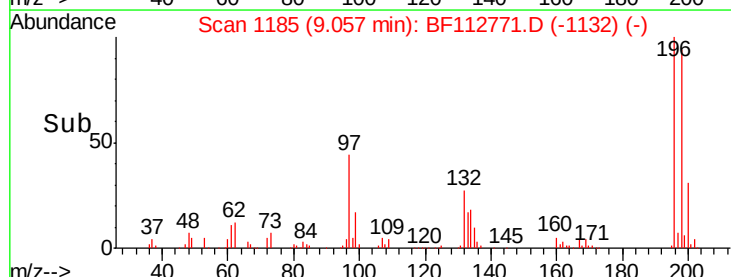
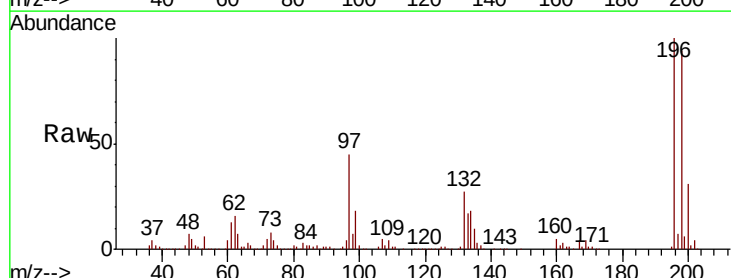
Manual Integrations
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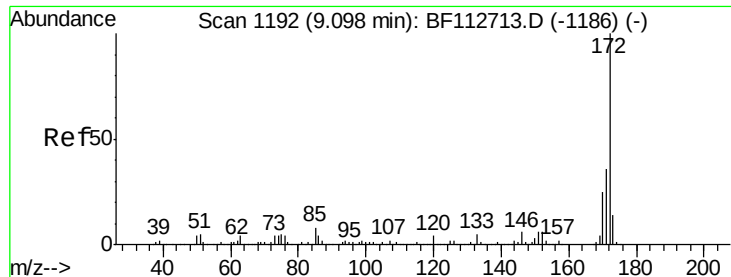
Sohil
 3/1/2019 3:00:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.857 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	340444		
198	94.5	76.2	114.2	
97	44.7	41.5	62.3	
132	27.1	23.9	35.9	





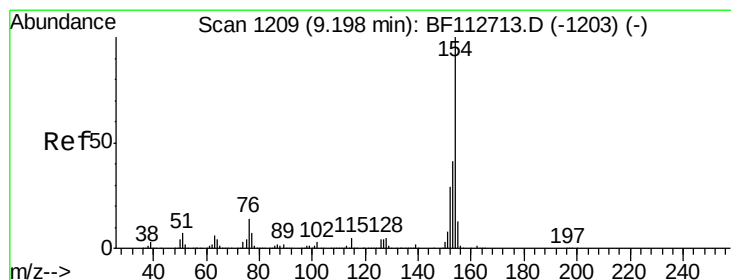
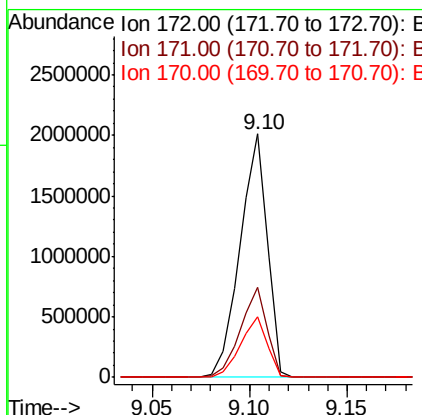
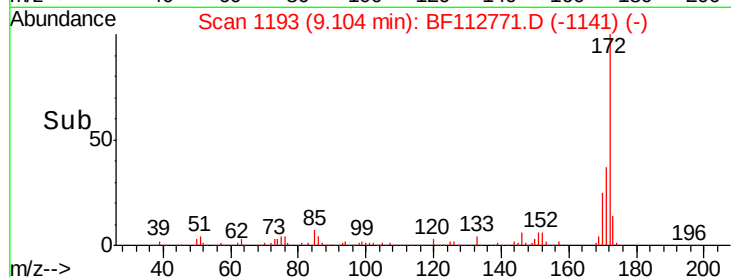
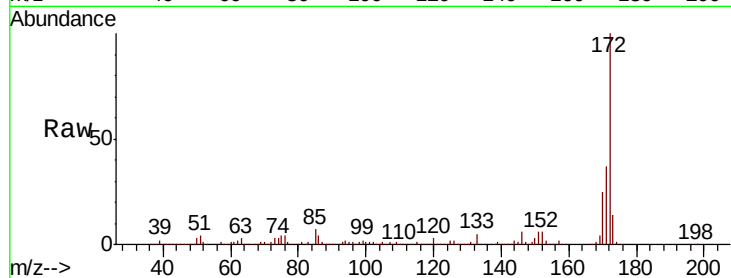
#45
2-Fluorobiphenyl
Concen: 99.776 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	24.9	20.0	30.0

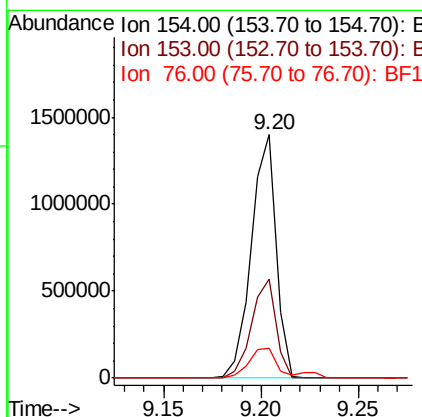
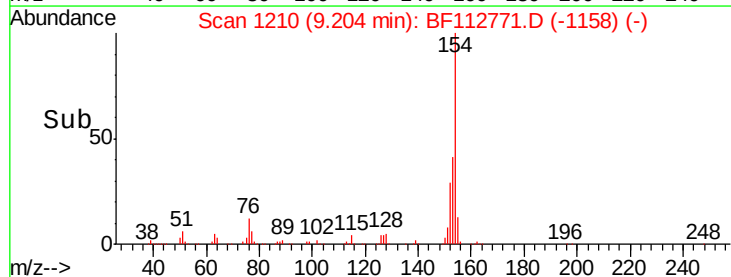
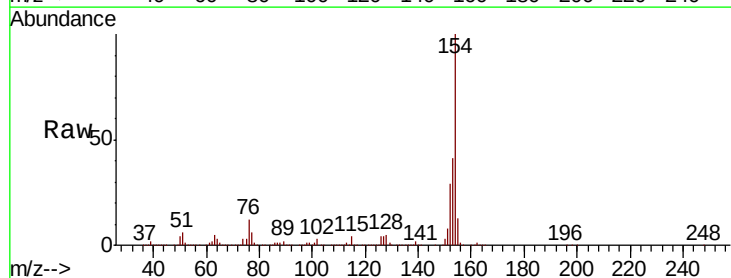
Manual Integrations
APPROVED

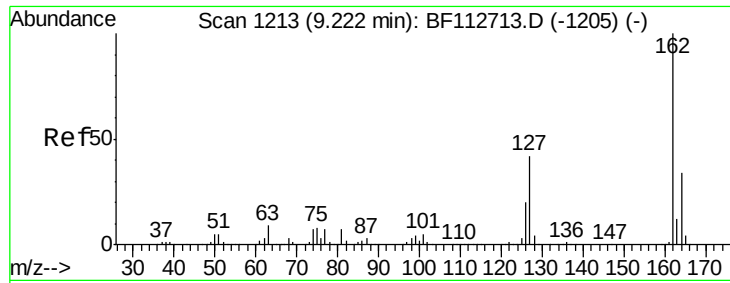
Sohil
3/1/2019 3:00:12 PM



#46
1,1'-Biphenyl
Concen: 44.134 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.2	0.0	33.8





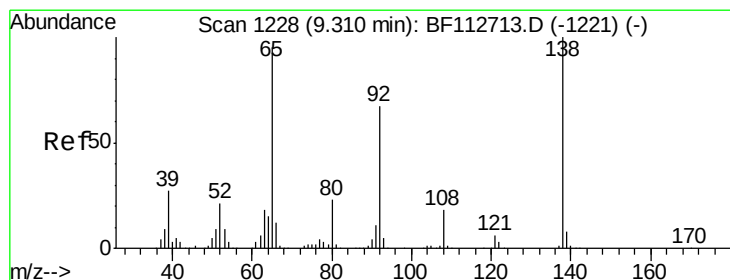
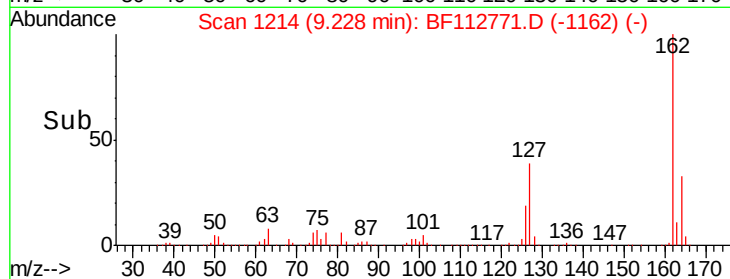
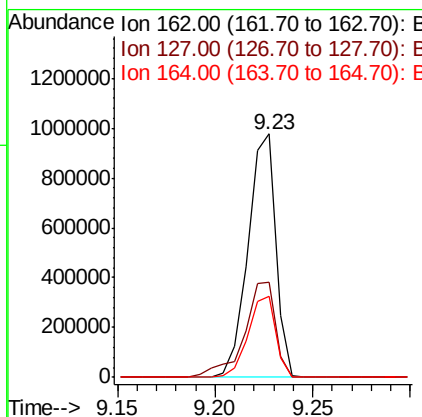
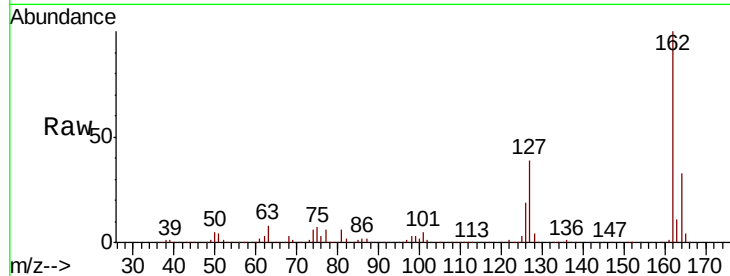
#47
2-Chloronaphthalene
Concen: 44.290 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.1	33.4	50.2
164	33.3	26.9	40.3

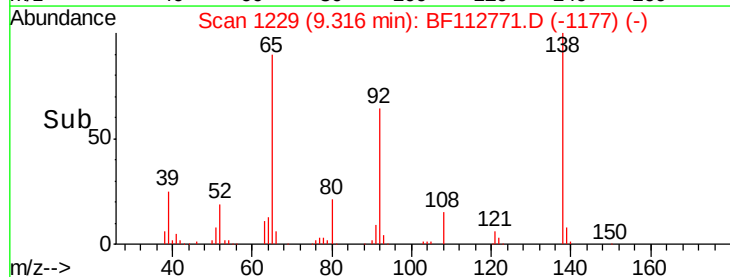
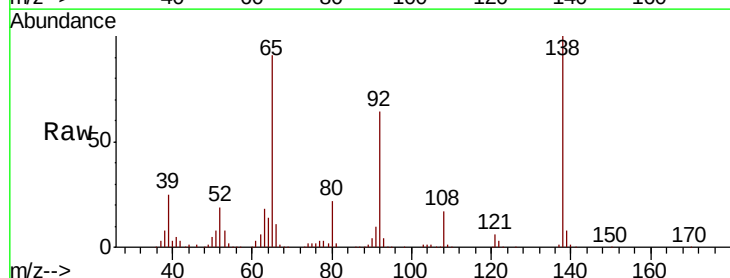
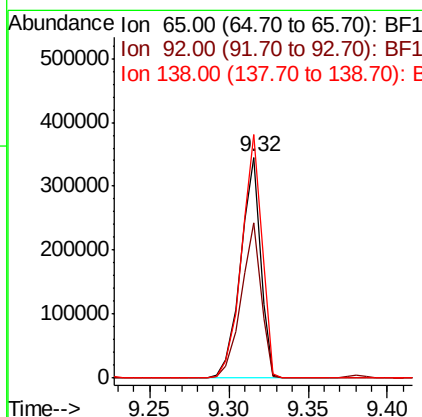
Manual Integrations
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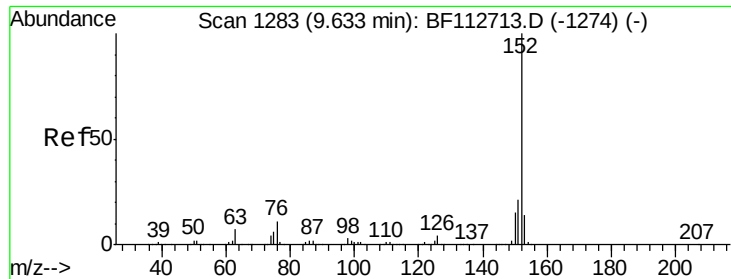
Sohil
3/1/2019 3:00:12 PM



#48
2-Nitroaniline
Concen: 45.567 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.4	56.4	84.6
138	110.3	84.6	126.8





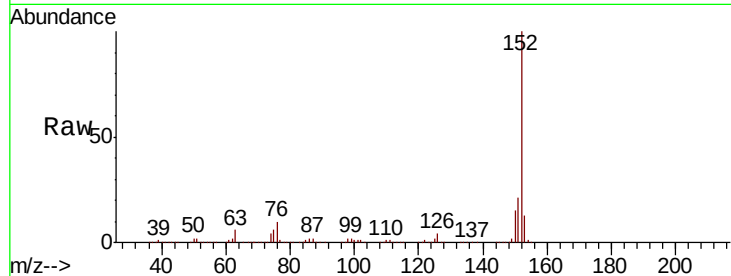
#49
Acenaphthylene
Concen: 41.212 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.4	11.0	16.6

Manual Integrations
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Sohil
3/1/2019 3:00:12 PM

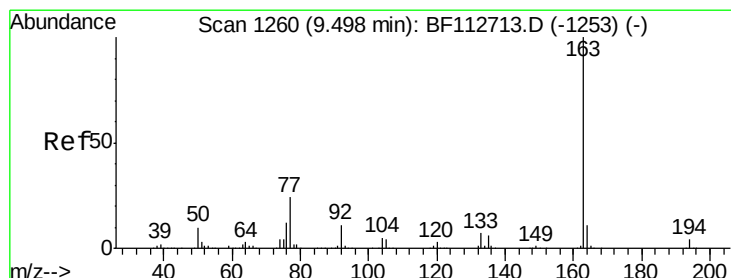
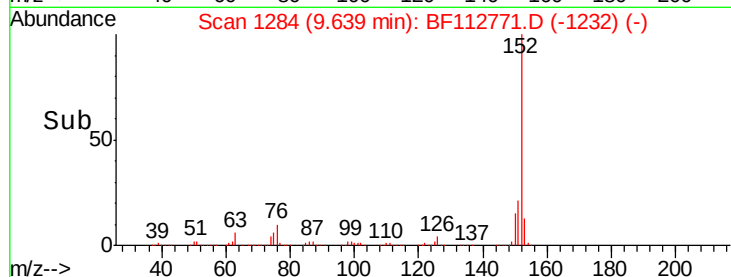
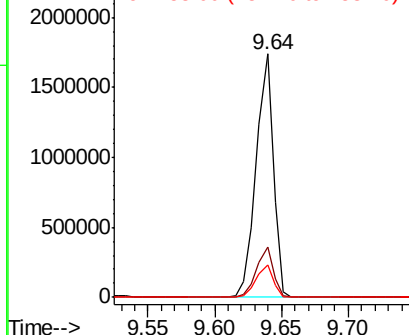


Abundance

Ion 152.00 (151.70 to 152.70): E

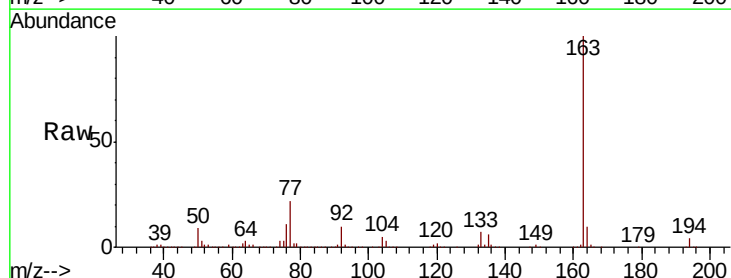
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 47.159 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.5	8.4	12.6

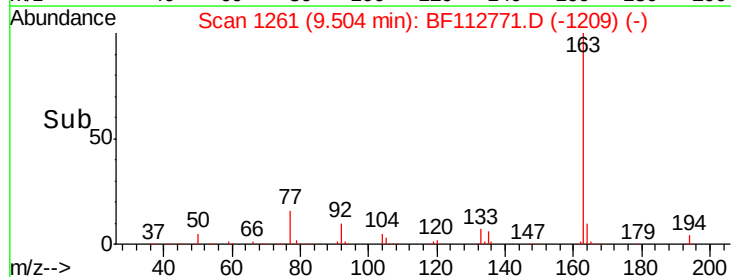
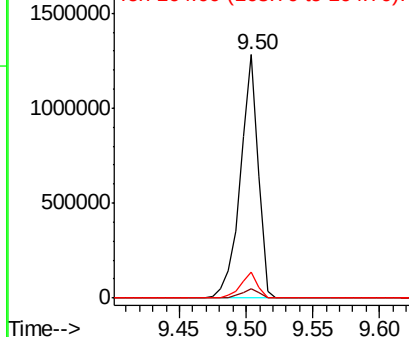


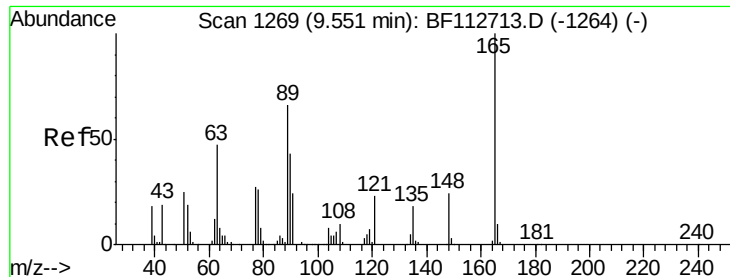
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





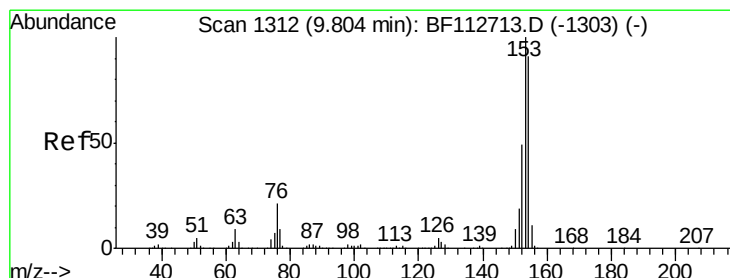
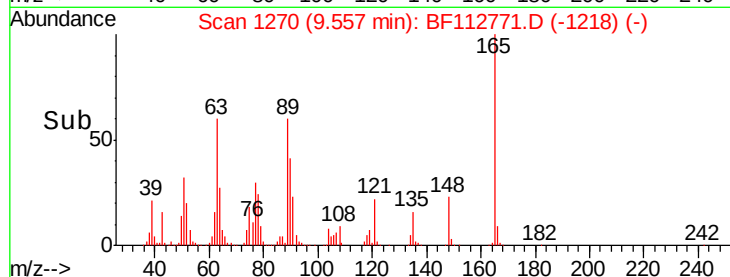
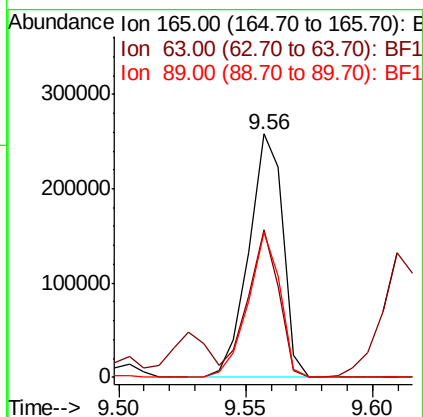
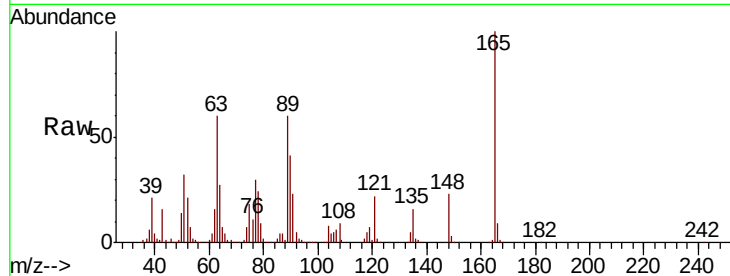
#51
2,6-Dinitrotoluene
Concen: 46.052 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	241997		
63	60.4	54.1	81.1	
89	59.6	52.8	79.2	

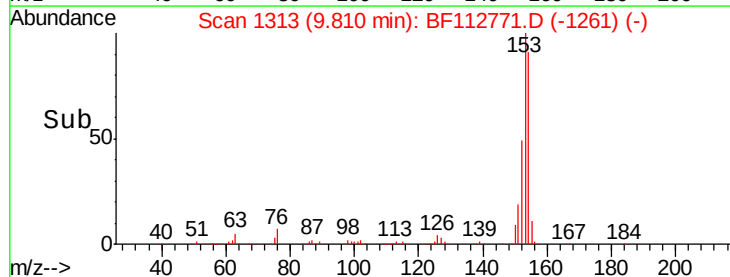
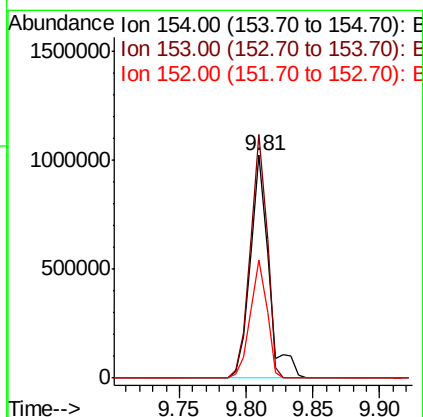
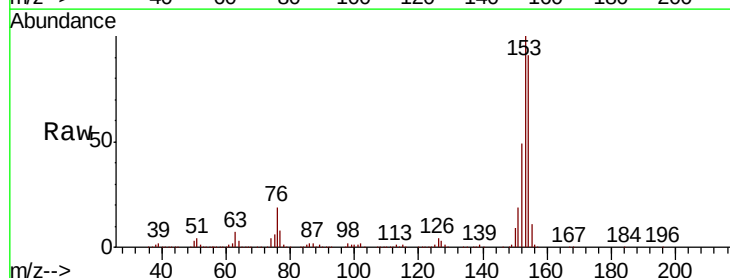
Manual Integrations
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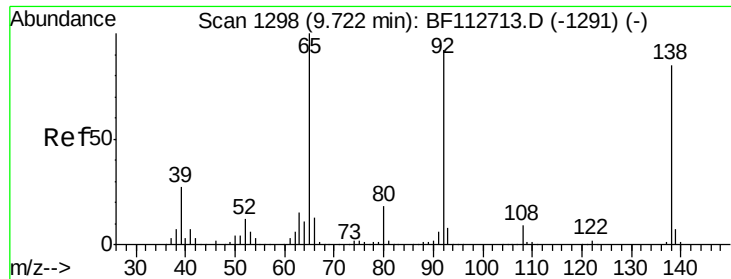
Sohil
3/1/2019 3:00:12 PM



#52
Acenaphthene
Concen: 44.402 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	960816		
153	109.4	87.8	131.8	
152	53.3	43.0	64.6	





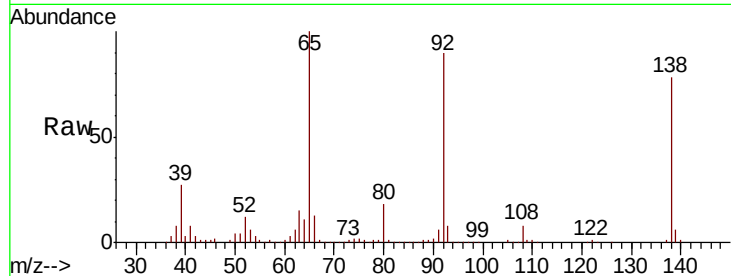
#53
3-Nitroaniline
Concen: 37.069 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	115.1	86.6	129.8

Manual Integrations
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Sohil
3/1/2019 3:00:12 PM

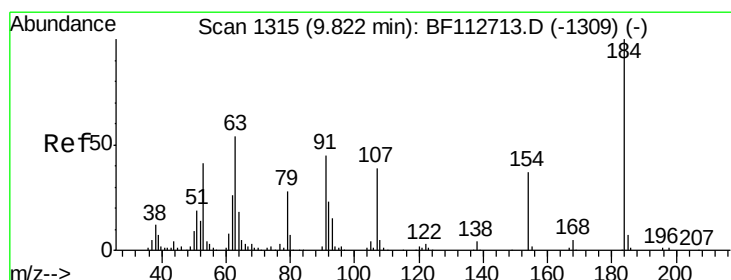
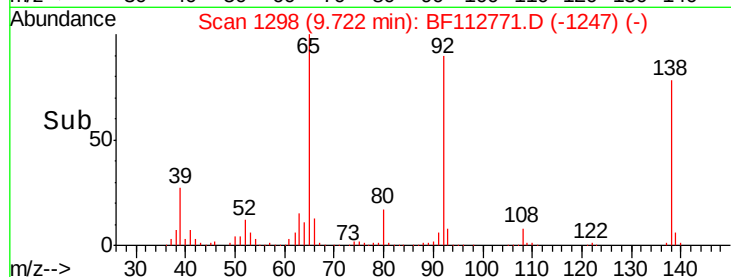
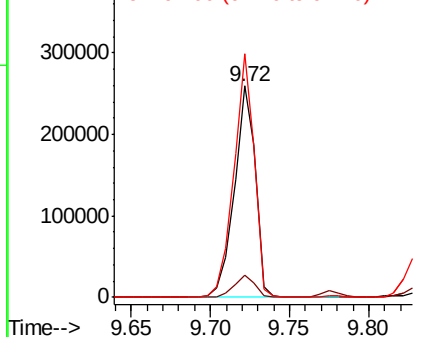


Abundance

Ion 138.00 (137.70 to 138.70): E

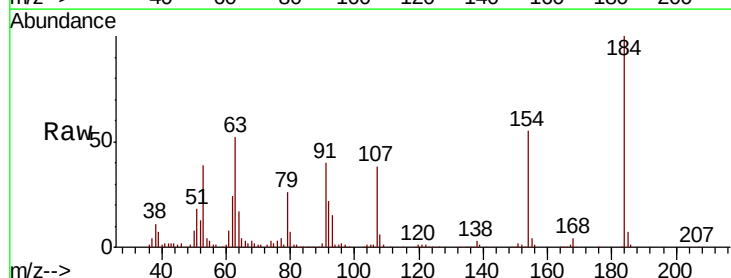
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 77.313 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.1	45.3	67.9
154	55.1	46.0	69.0

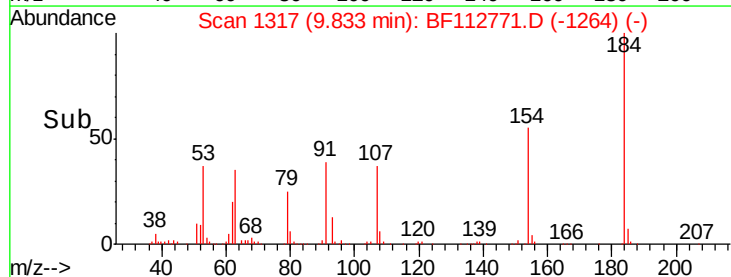
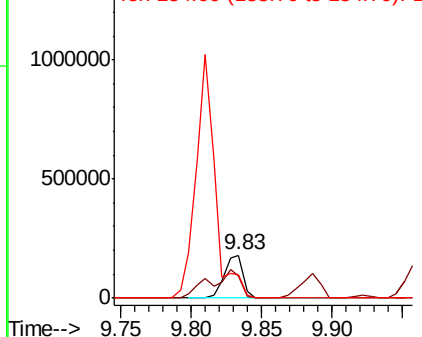


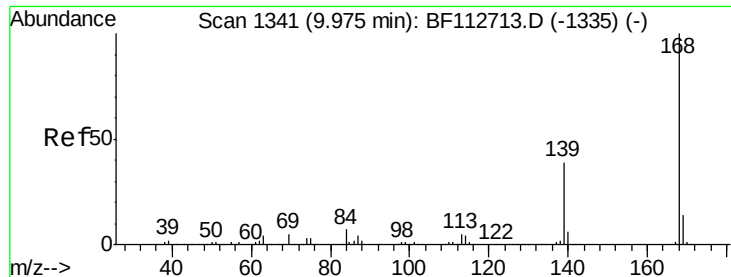
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





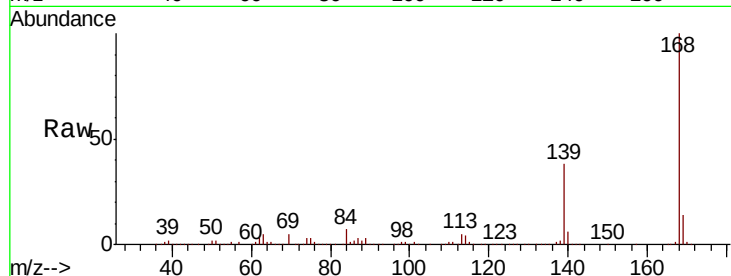
#55
Dibenzofuran
Concen: 41.864 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

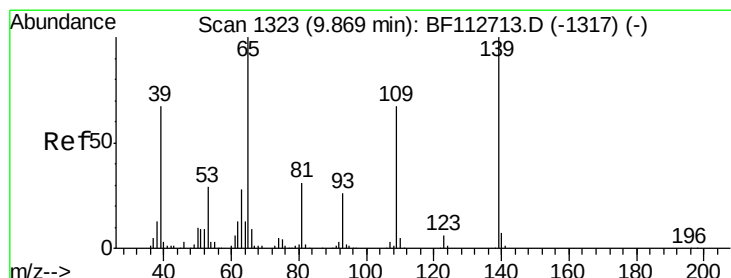
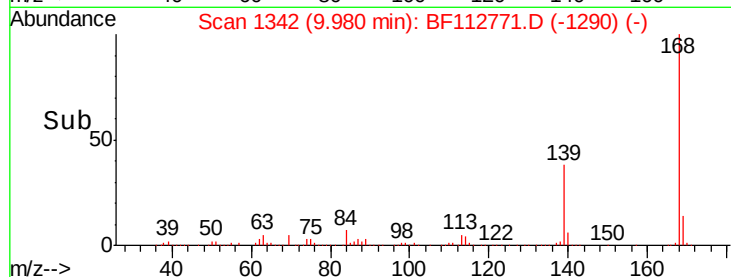
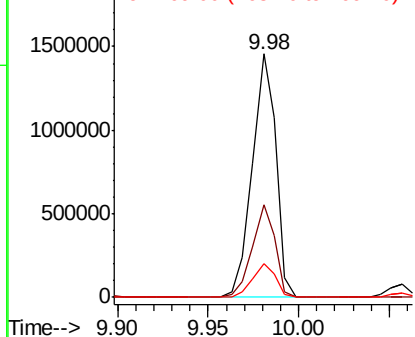
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.3	46.9
169	13.9	11.3	16.9

Manual Integrations
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Sohil
3/1/2019 3:00:12 PM

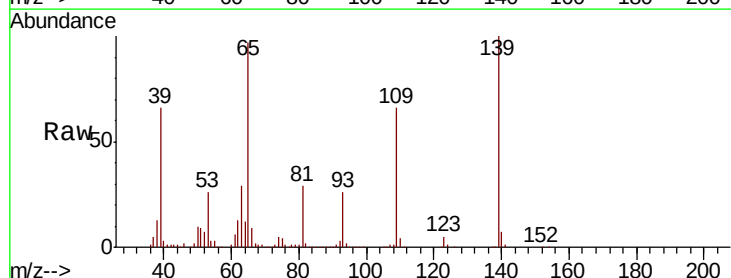


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

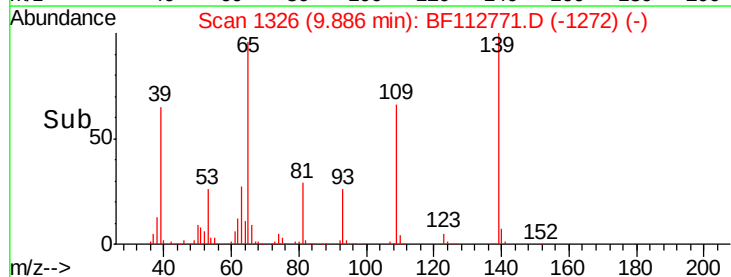
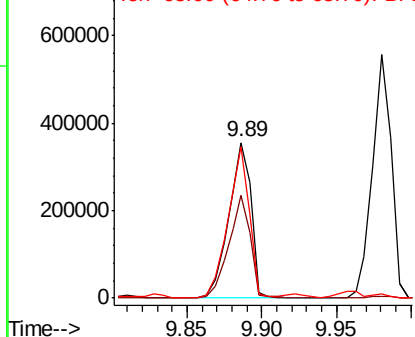


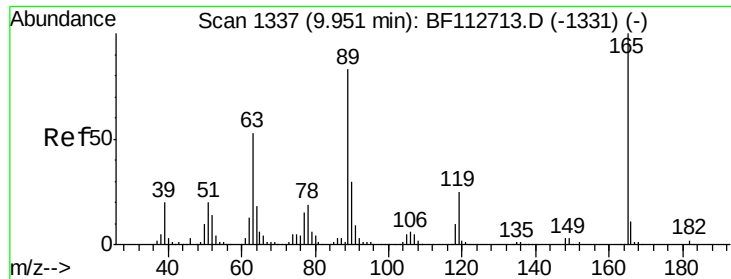
#56
4-Nitrophenol
Concen: 72.889 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.7	46.8	86.8
65	96.8	80.7	120.7



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





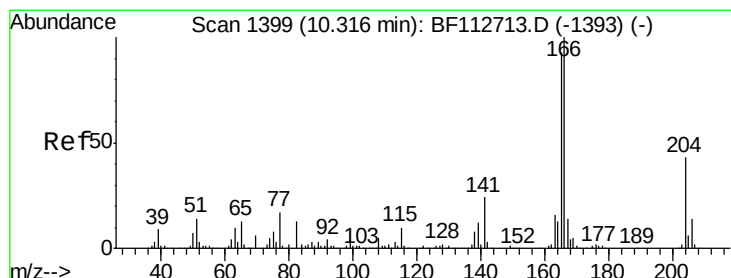
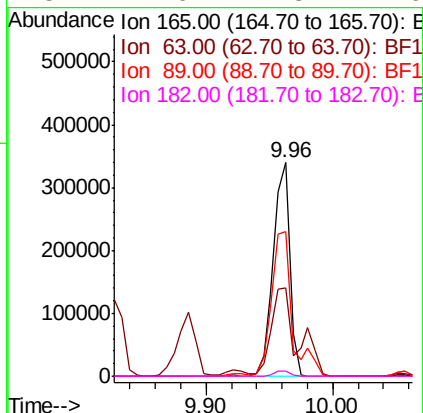
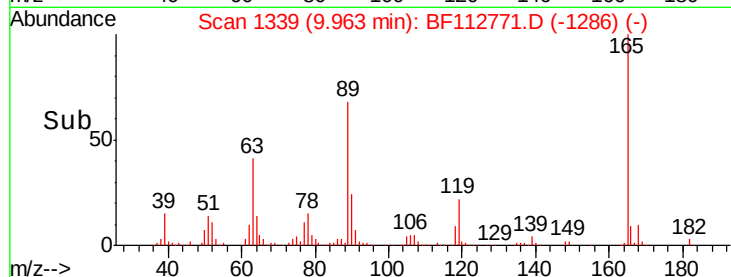
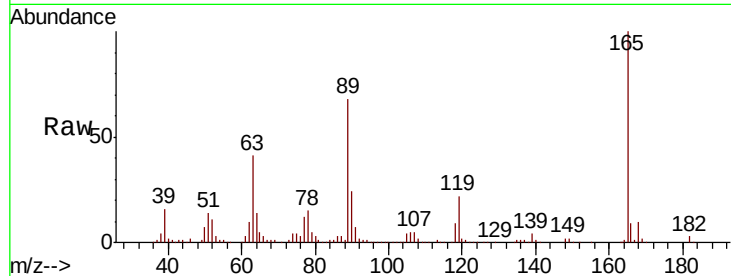
#57
 2,4-Dinitrotoluene
 Concen: 47.273 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleID :
 B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	42.2	63.2#
89	67.7	66.2	99.4
182	2.6	1.8	2.6

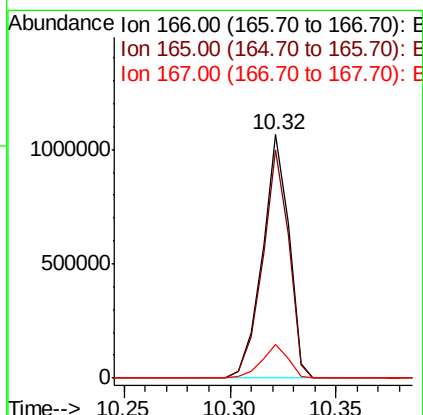
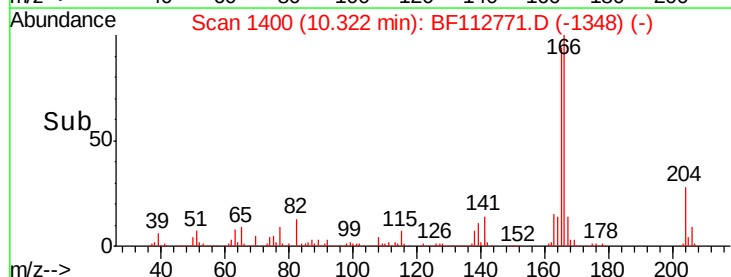
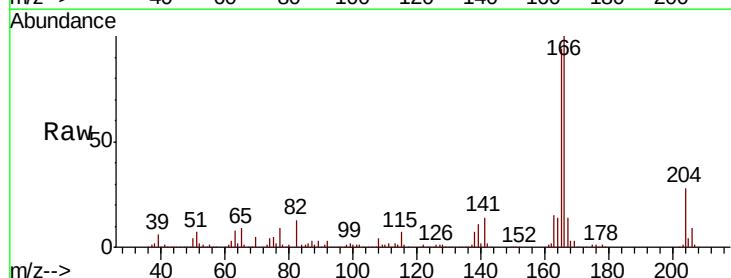
Manual Integrations
 APPROVED

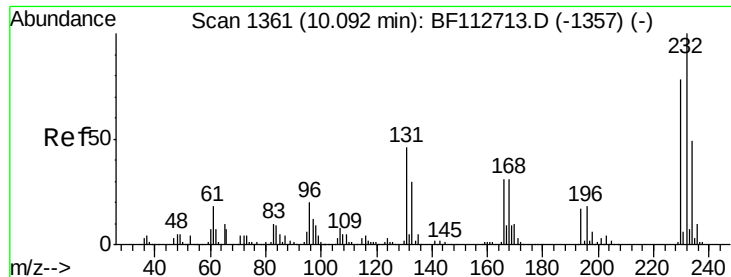
Sohil
 3/1/2019 3:00:12 PM



#58
 Fluorene
 Concen: 41.550 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.7	112.1
167	13.6	11.0	16.6





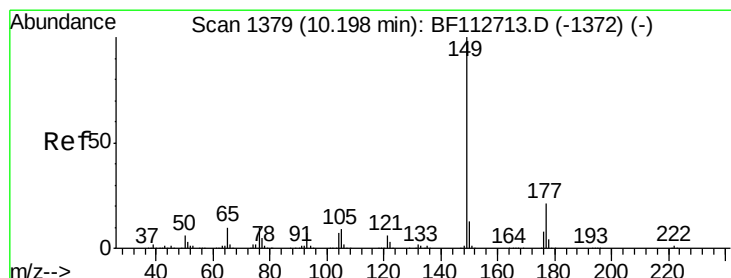
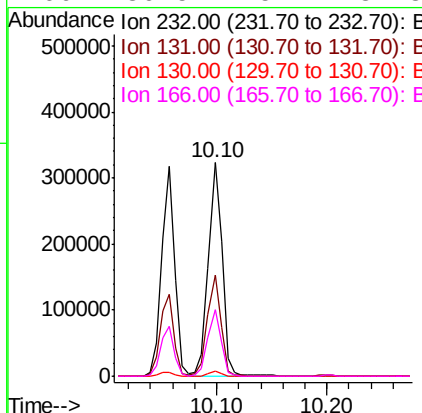
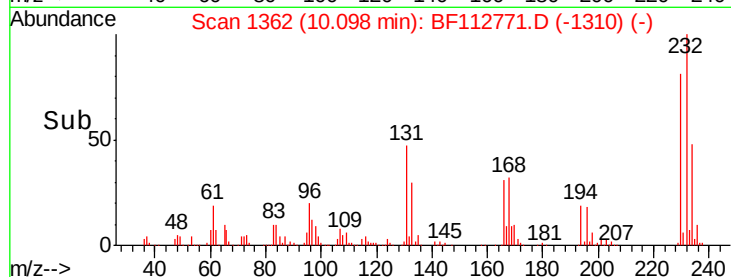
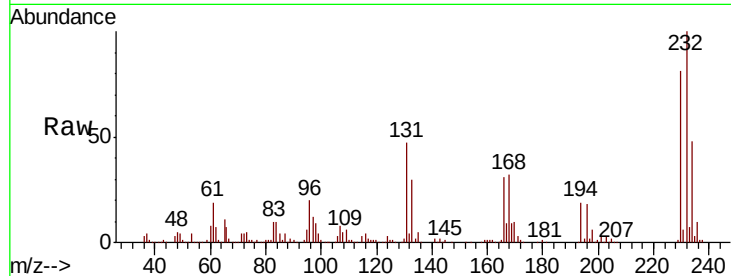
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.919 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
B-5(9-10)MS

Tot Ion:	232	Resp:	271651
Ion Ratio	Lower	Upper	
232	100		
131	45.8	38.7	58.1
130	2.1	1.9	2.9
166	30.5	25.2	37.8

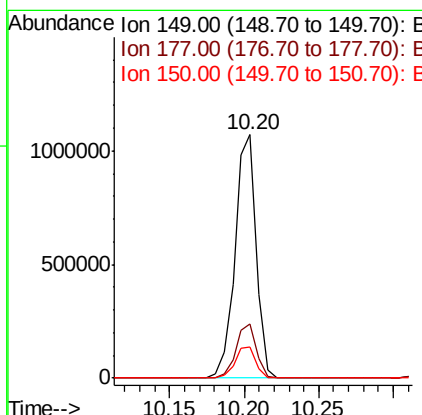
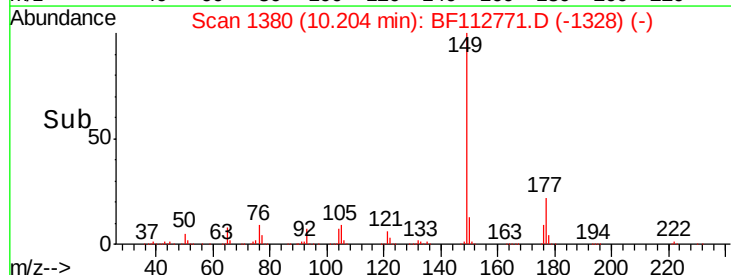
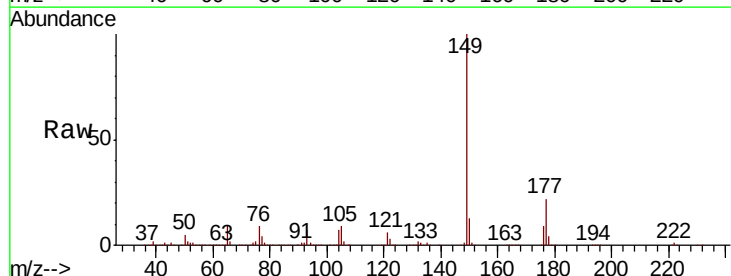
Manual Integrations
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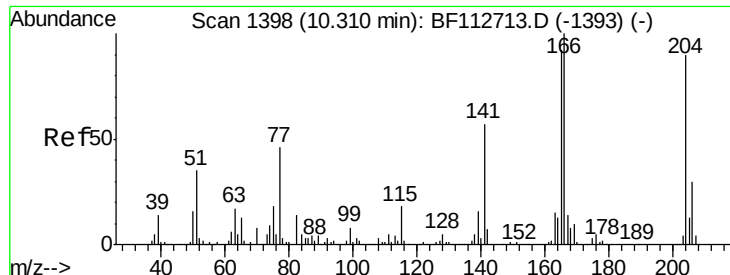
Sohil
3/1/2019 3:00:12 PM



#60
Diethylphthalate
Concen: 39.897 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:	149	Resp:	1063326
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.0	25.6
150	12.9	10.0	15.0





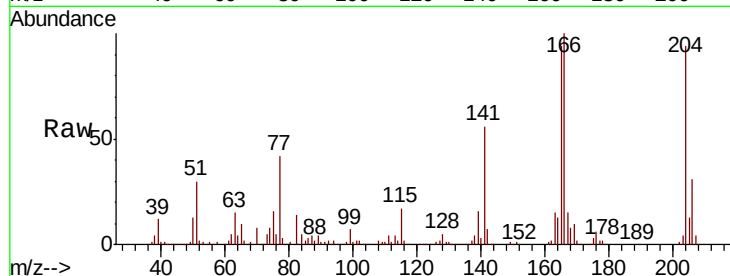
#61
4-Chlorophenyl-phenylether
Concen: 44.174 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	59.6	50.8	76.2

Manual Integrations
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Sohil
3/1/2019 3:00:12 PM

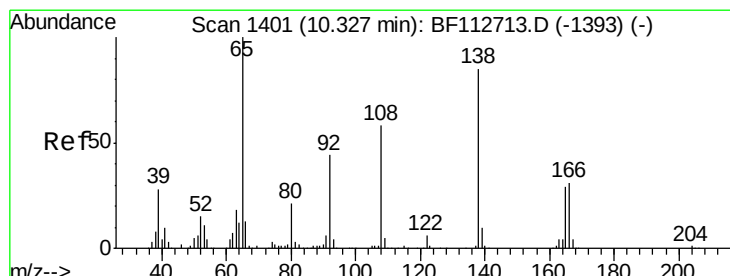
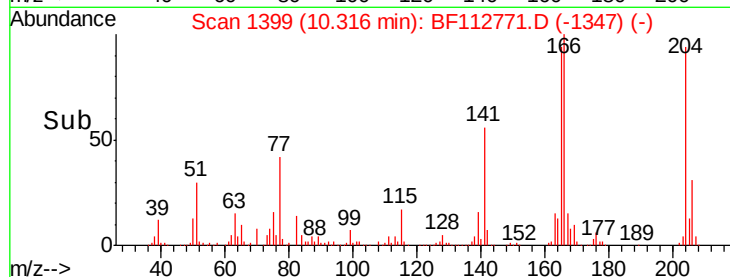
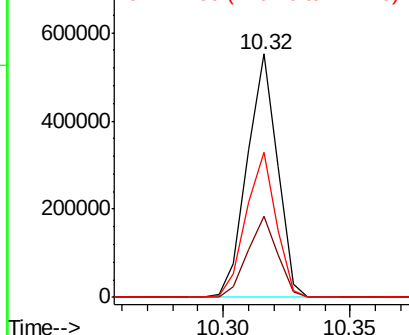


Abundance

Ion 204.00 (203.70 to 204.70): E

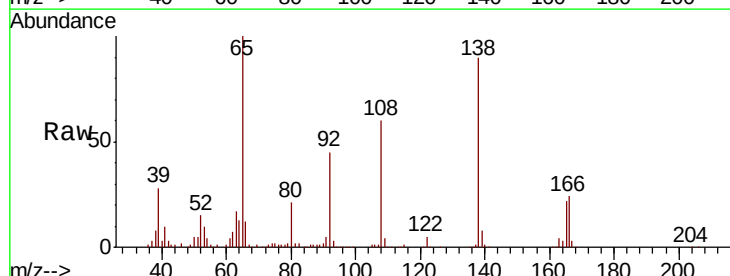
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.994 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	31.3	71.3
108	66.2	48.1	88.1

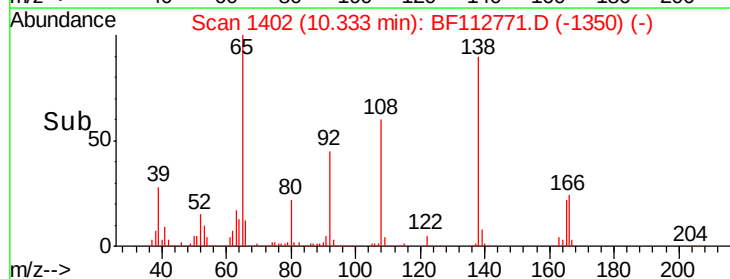
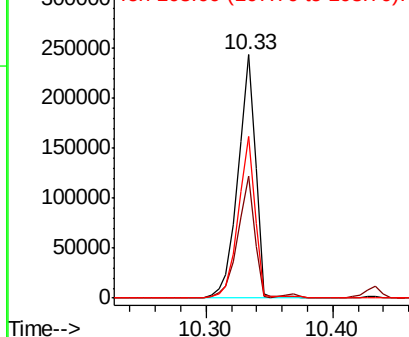


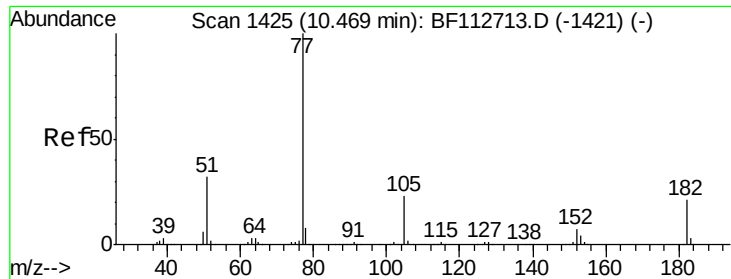
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





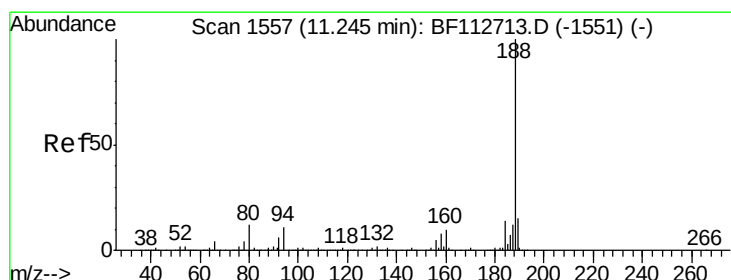
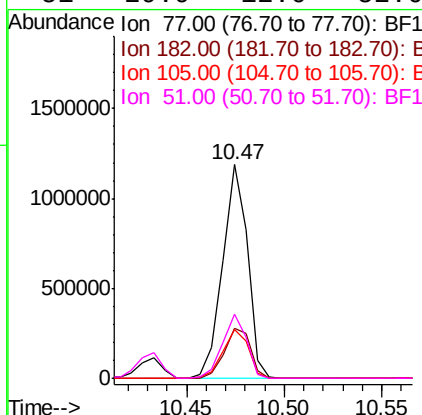
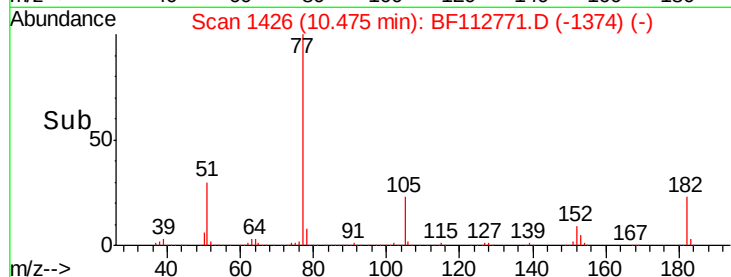
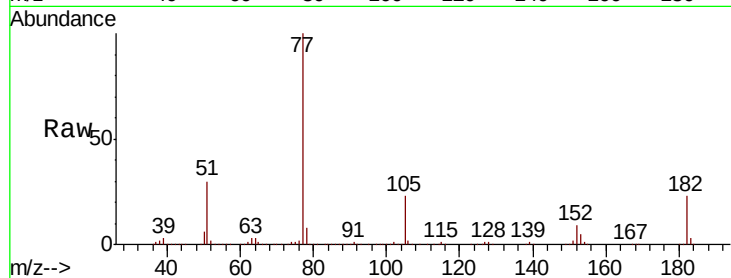
#63
Azobenzene
Concen: 38.308 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.5	1.4	41.4	
105	22.8	2.6	42.6	
51	29.9	12.0	52.0	

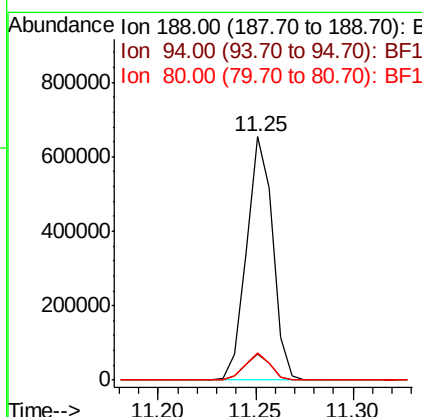
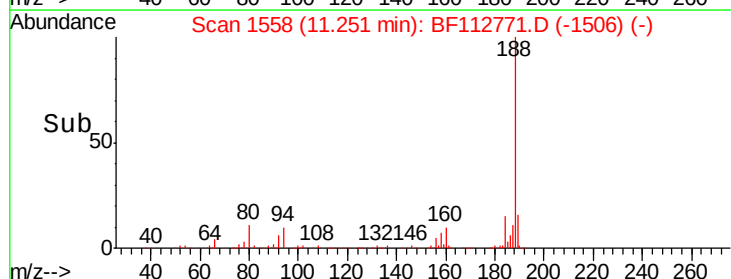
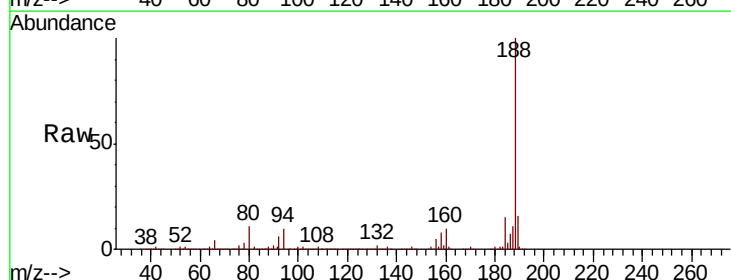
Manual Integrations
APPROVED

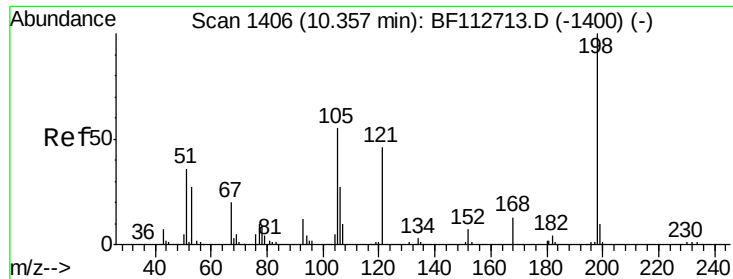
Sohil
3/1/2019 3:00:12 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.4	9.0	13.4	
80	11.3	9.2	13.8	





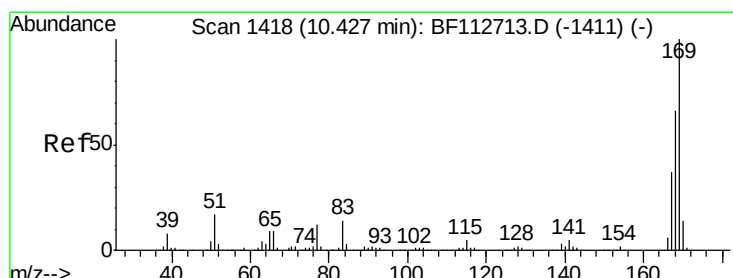
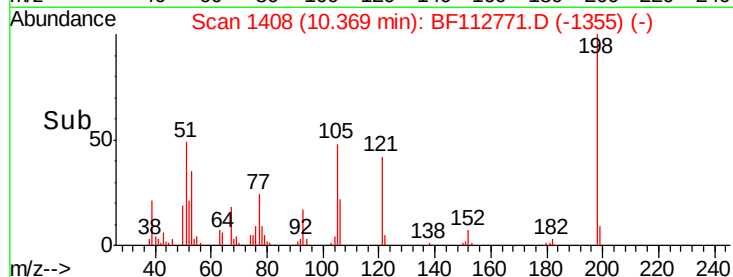
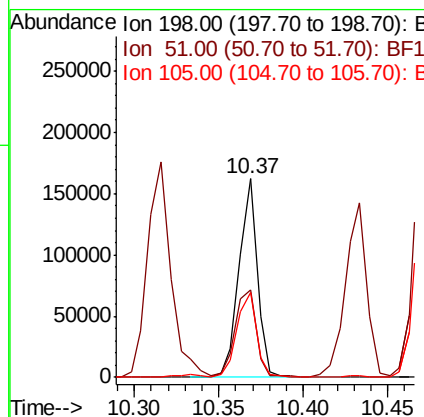
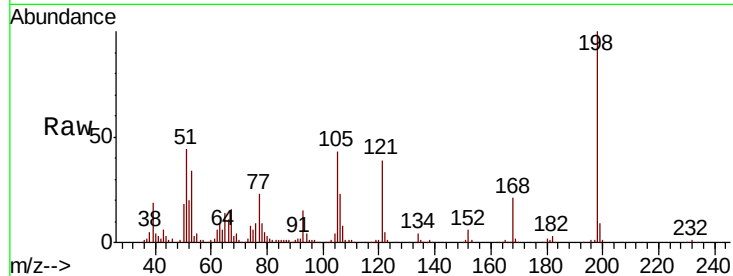
#65
4,6-Dinitro-2-methylphenol
Concen: 49.220 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
B-5(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122795		
51	44.3		43.8	83.8
105	43.0		36.5	76.5

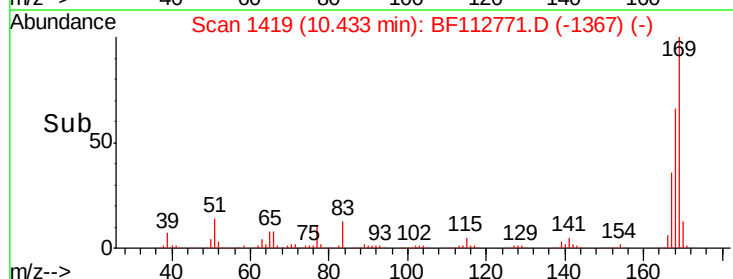
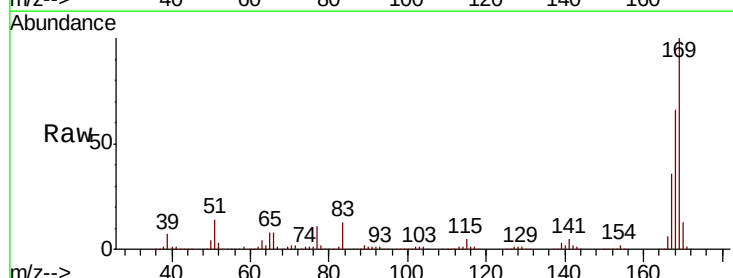
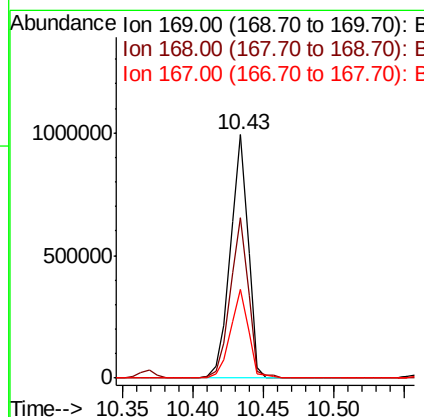
Manual Integrations
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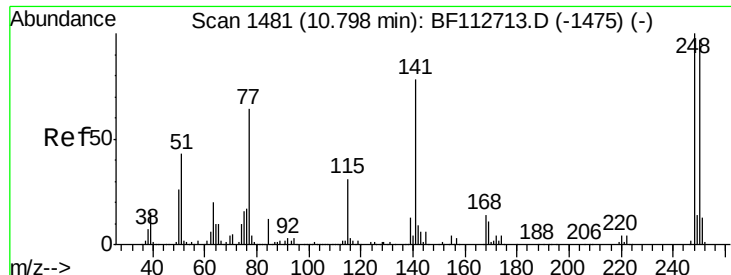
Sohil
3/1/2019 3:00:12 PM



#66
n-Nitrosodiphenylamine
Concen: 44.648 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	867137		
168	66.0		53.0	79.6
167	36.4		29.3	43.9





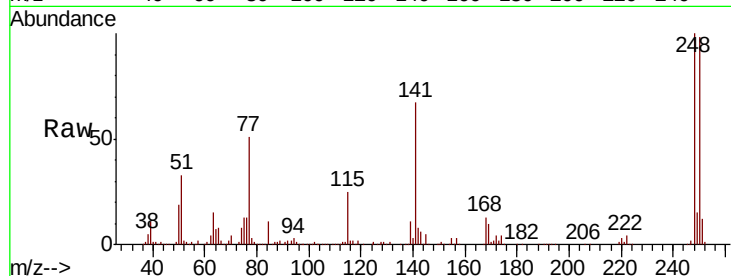
#67
4-Bromophenyl-phenylether
Concen: 46.976 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.5	116.3
141	66.5	62.4	93.6

Manual Integrations
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Sohil
3/1/2019 3:00:12 PM

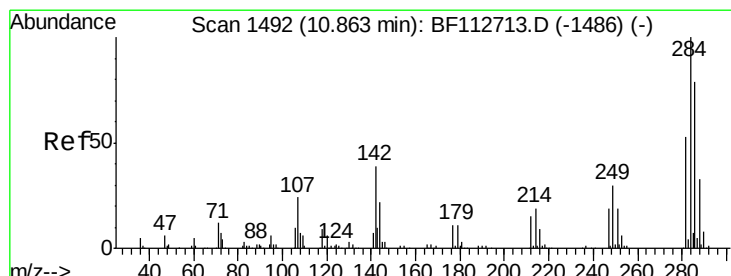
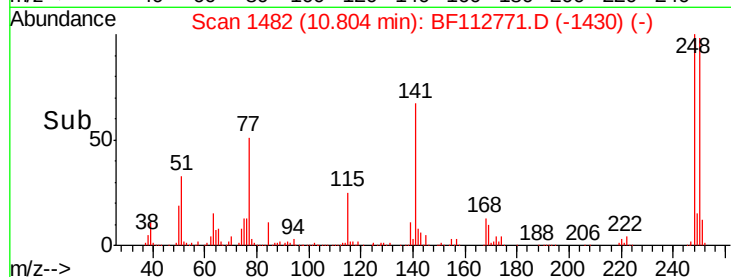
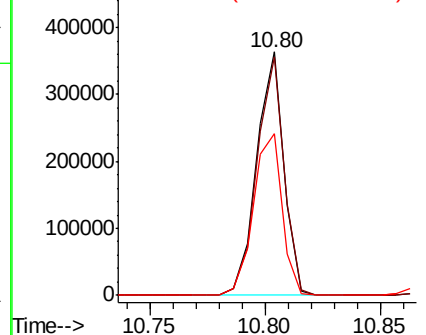


Abundance

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: 47.190 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

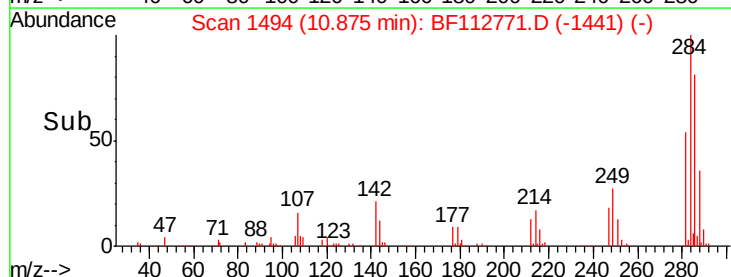
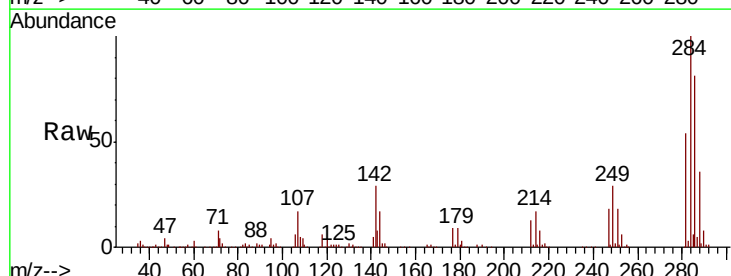
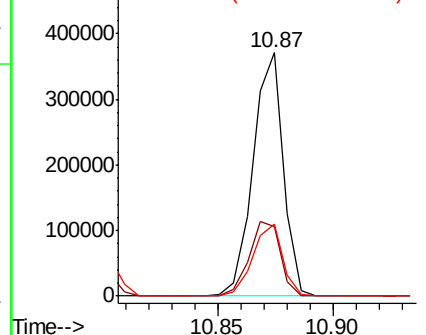
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	31.0	46.6#
249	29.4	23.6	35.4

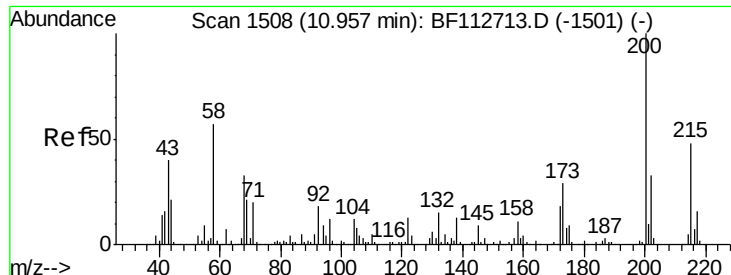
Abundance

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





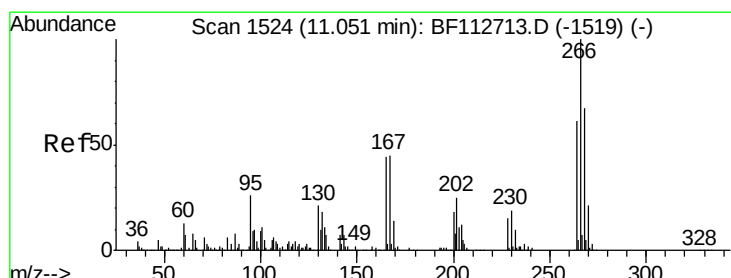
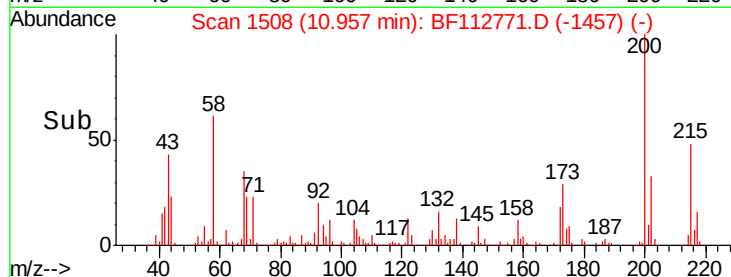
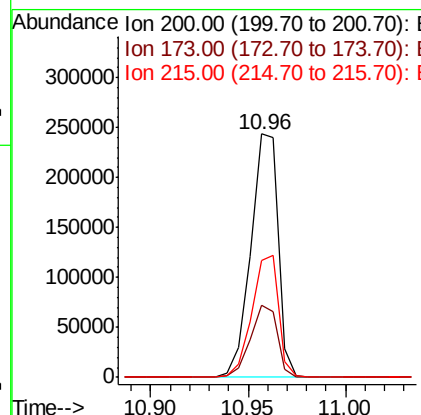
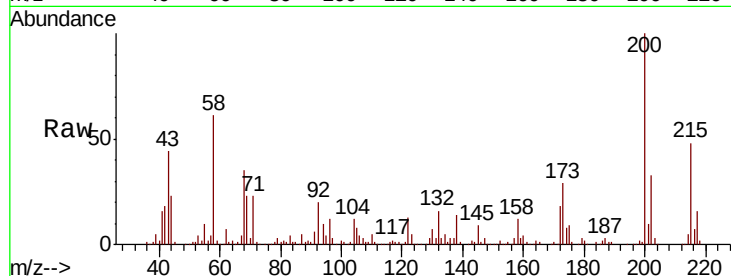
#69
 Atrazine
 Concen: 39.768 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.4	9.1	49.1
215	48.1	28.2	68.2

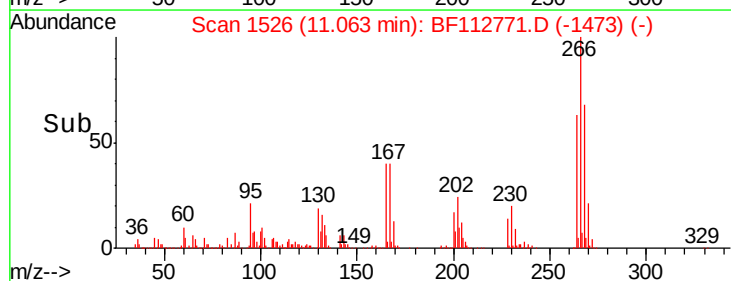
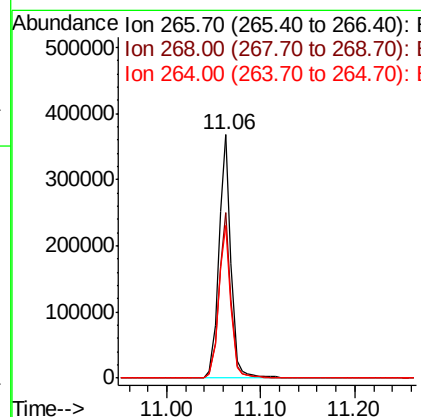
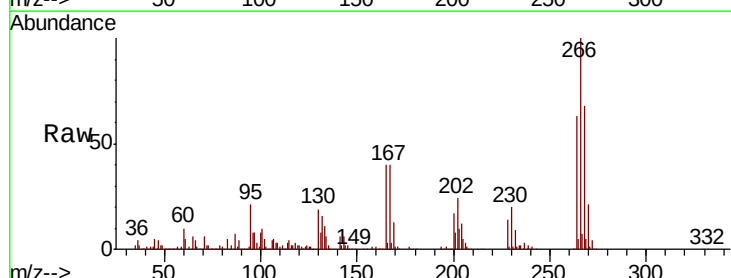
Manual Integrations
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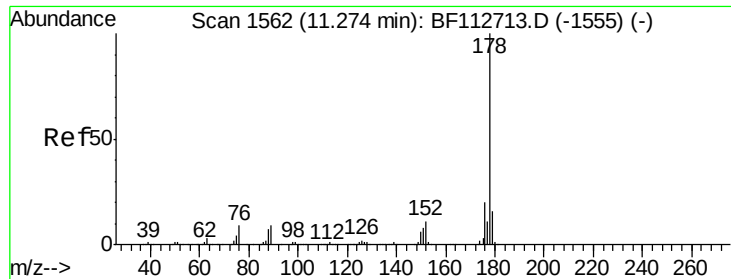
Sohil
 3/1/2019 3:00:12 PM



#70
 Pentachlorophenol
 Concen: 79.231 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.9	53.3	79.9
264	62.7	48.9	73.3





#71

Phenanthrene

Concen: 43.903 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

Tot Ion:178 Resp: 1322799

Ion Ratio Lower Upper

178 100

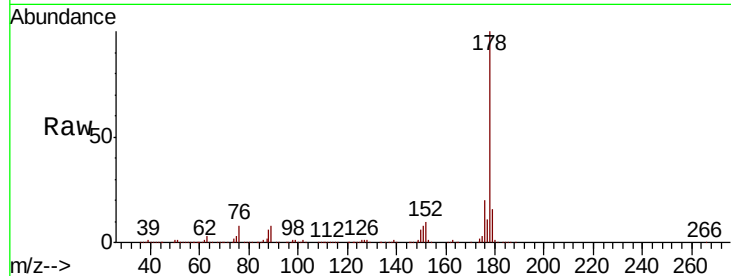
176 20.0 16.3 24.5

179 15.5 12.7 19.1

Manual Integrations
APPROVED

Sohil

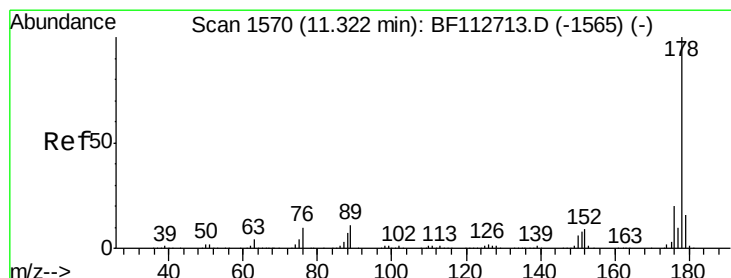
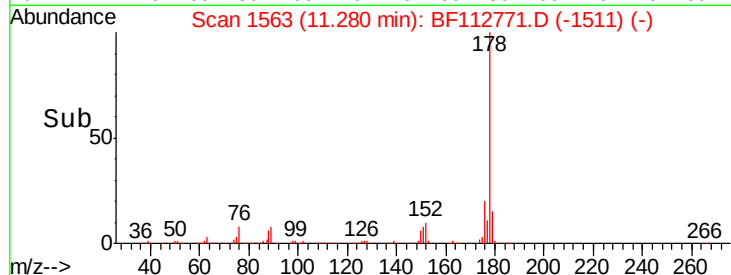
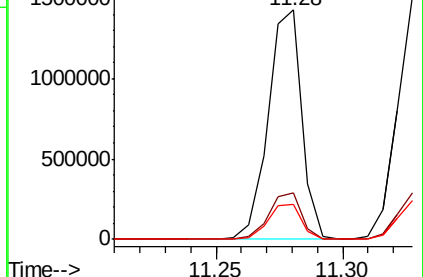
3/1/2019 3:00:12 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.121 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:178 Resp: 1360040

Ion Ratio Lower Upper

178 100

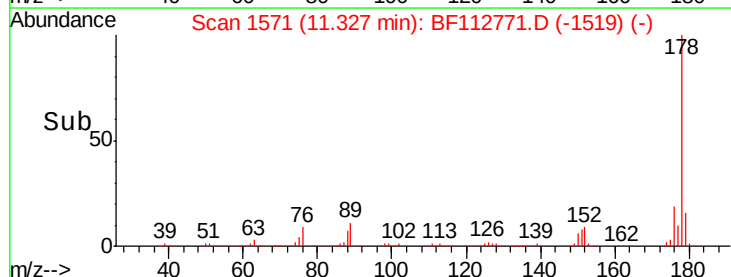
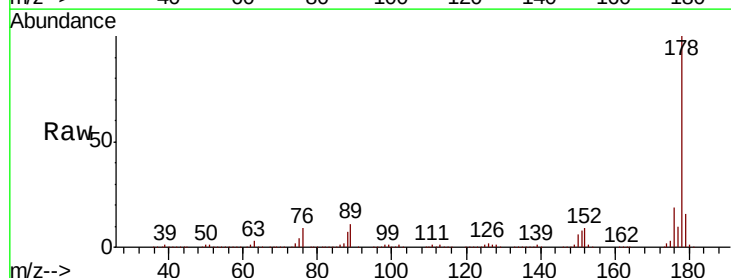
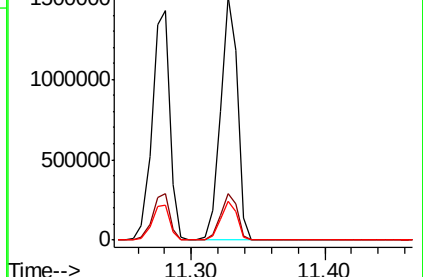
176 19.3 15.8 23.6

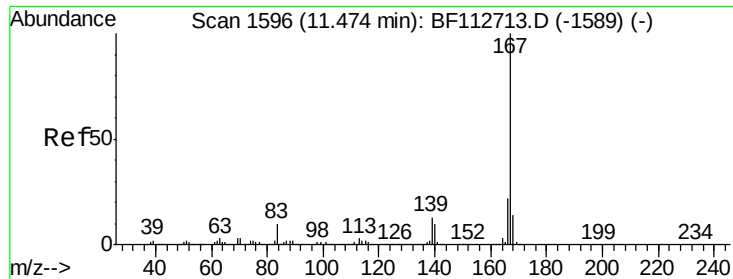
179 16.0 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





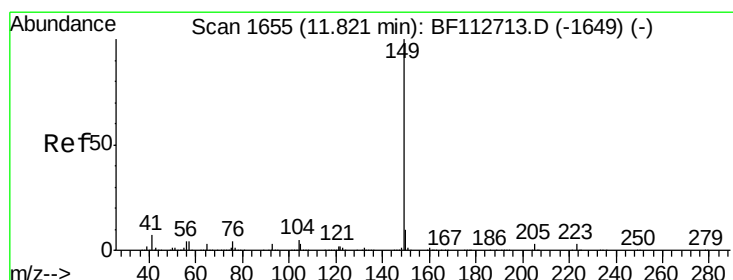
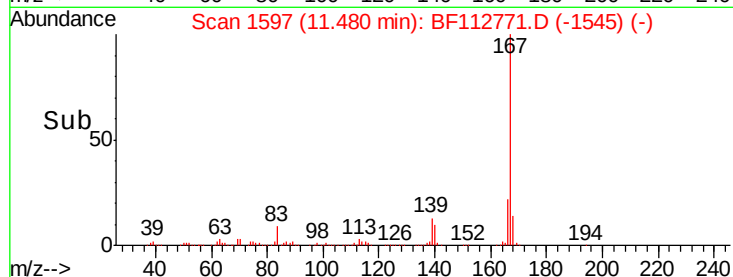
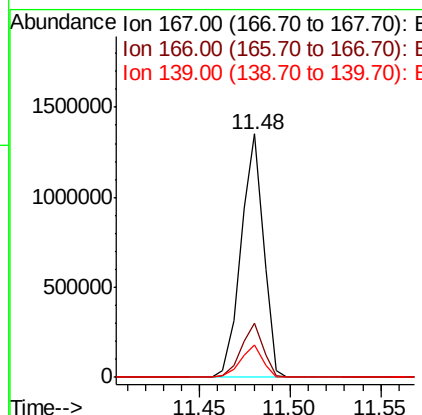
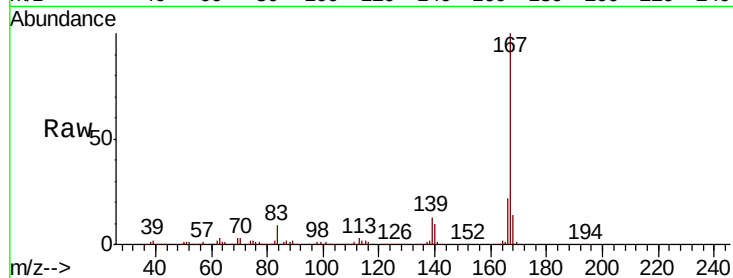
#73
 Carbazole
 Concen: 37.939 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.3	10.8	16.2

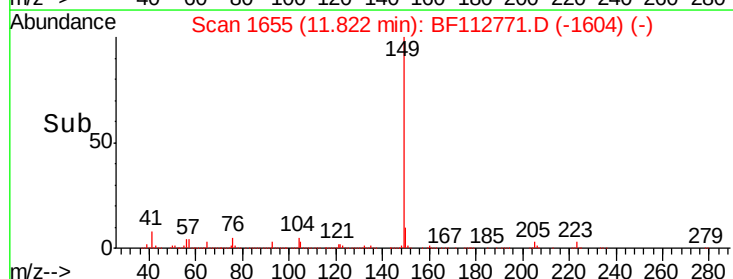
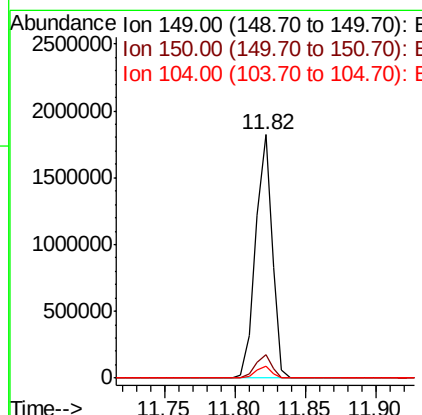
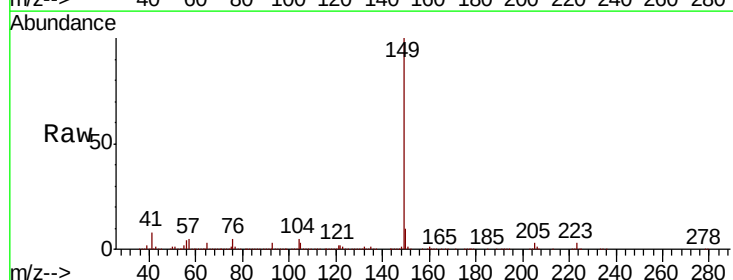
Manual Integrations
 APPROVED

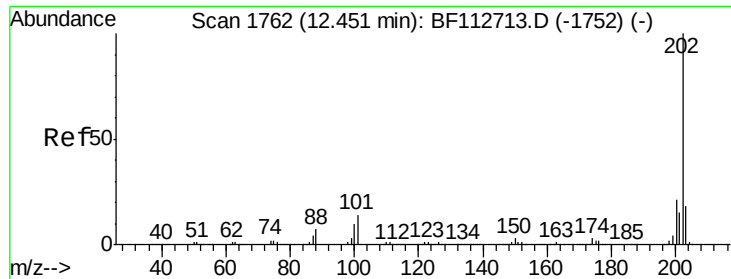
Sohil
 3/1/2019 3:00:12 PM



#74
 Di-n-butylphthalate
 Concen: 40.958 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.7	3.7	5.5





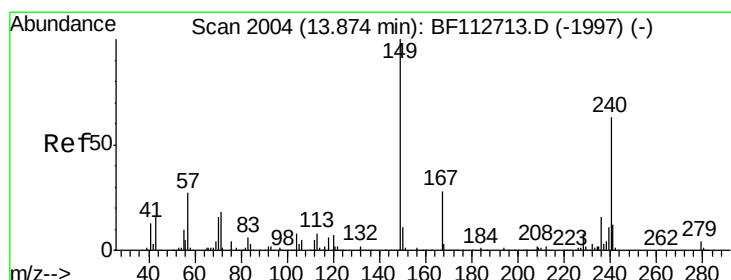
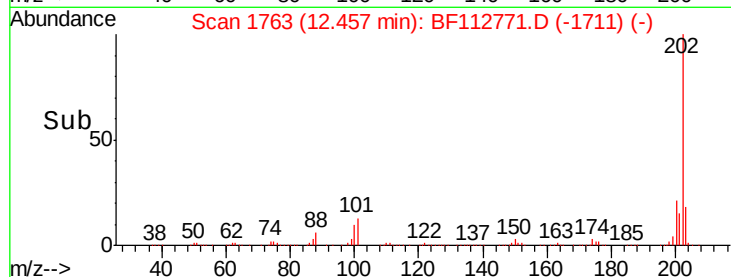
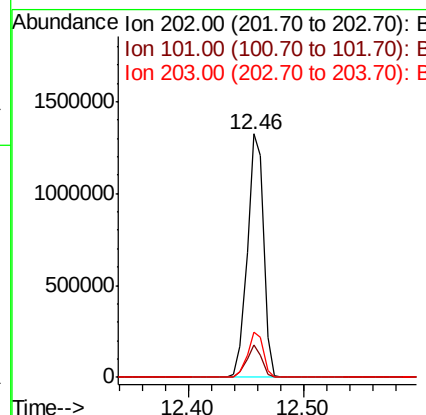
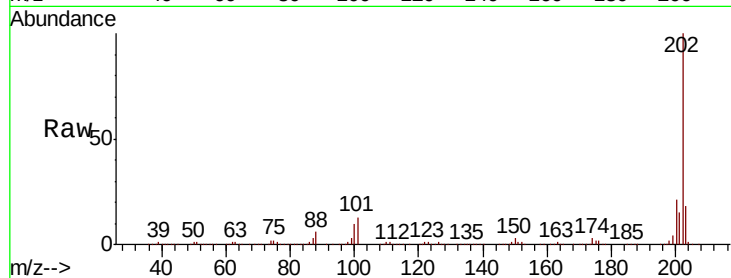
#75
Fluoranthene
Concen: 39.699 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.8
203	18.4	0.0	38.4

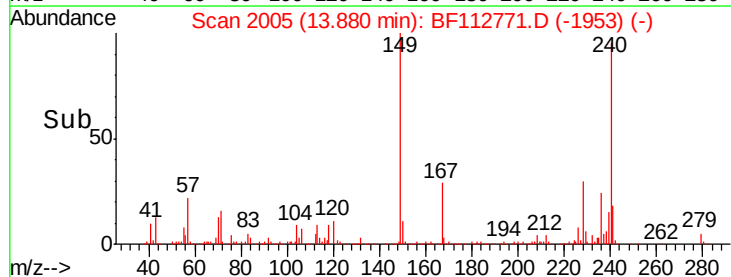
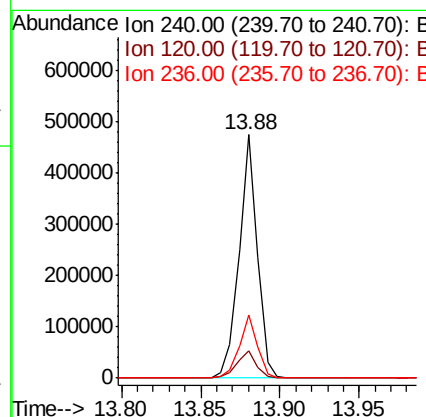
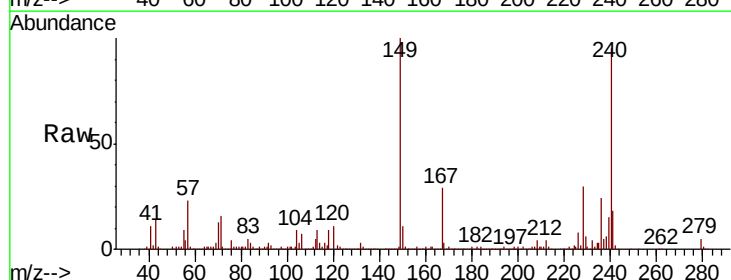
Manual Integrations
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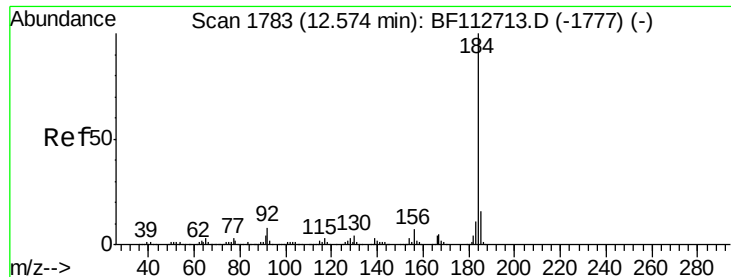
Sohil
3/1/2019 3:00:12 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.8	20.7	31.1





#77

Benzidine

Concen: 40.517 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

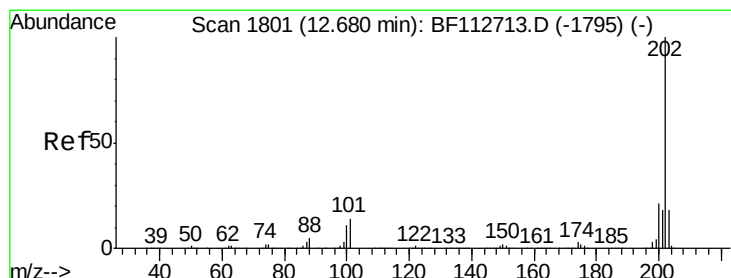
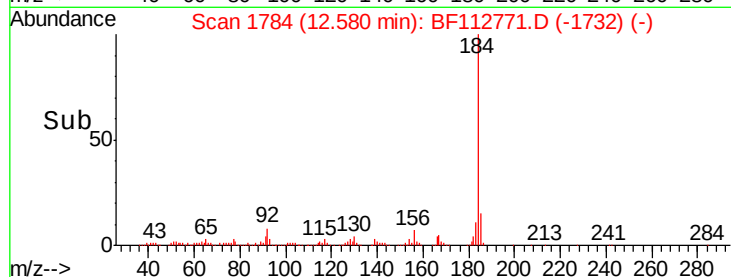
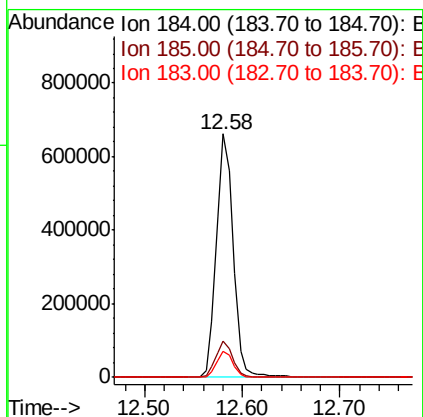
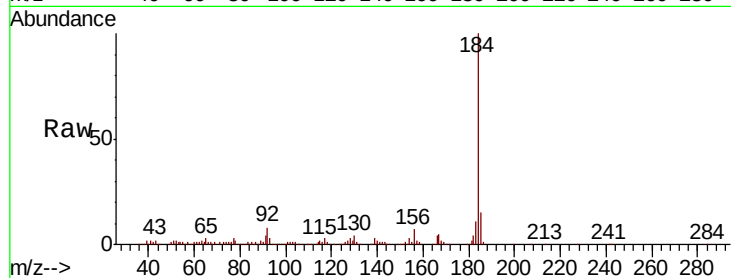
ClientSampleId :

B-5(9-10)MS

Tot Ion:	184	Resp:	797782
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	10.9	8.6	12.8

Manual Integrations
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Sohil
3/1/2019 3:00:12 PM



#78

Pyrene

Concen: 40.247 ng

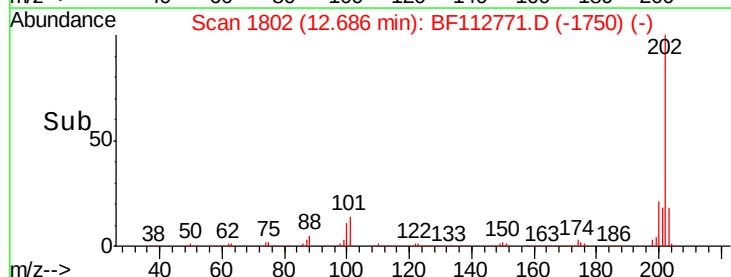
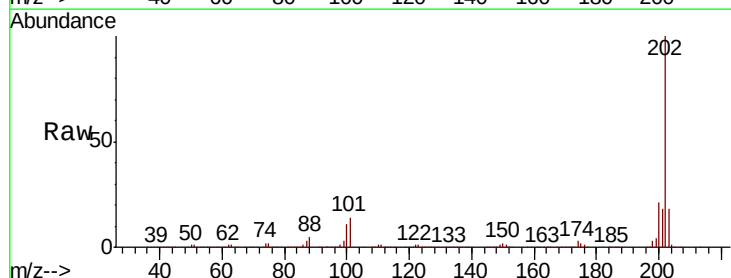
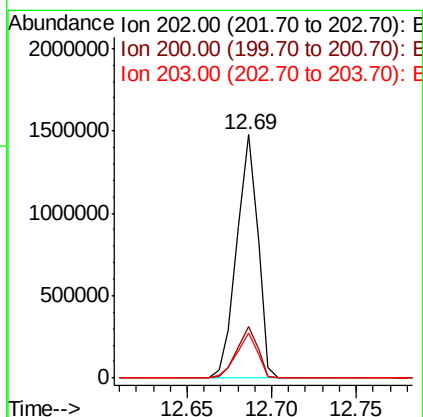
RT: 12.69 min Scan# 1802

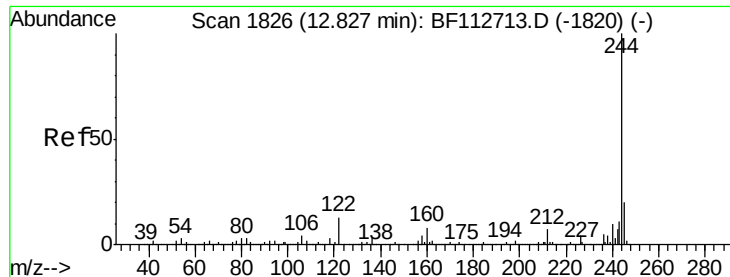
Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:	202	Resp:	1287685
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	18.3	14.4	21.6





#79

Terphenyl-d14

Concen: 82.953 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

Tot Ion:244 Resp: 1624075

Ion Ratio Lower Upper

244 100

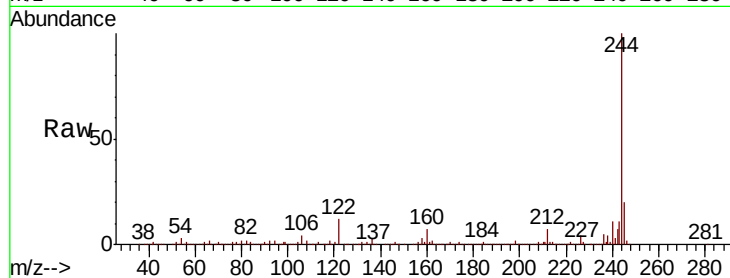
212 6.9 5.6 8.4

122 12.2 10.5 15.7

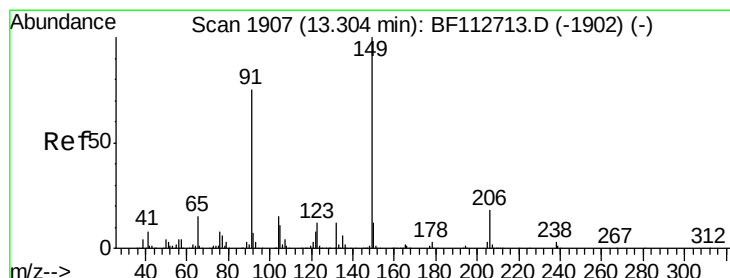
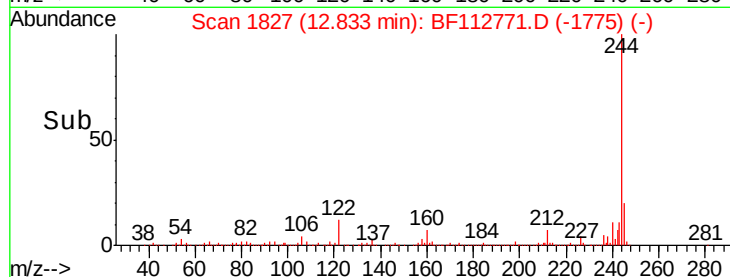
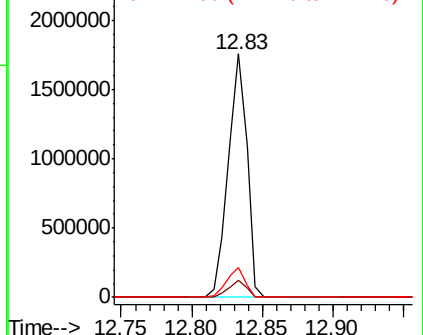
Manual Integrations
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3/1/2019 3:00:12 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.008 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

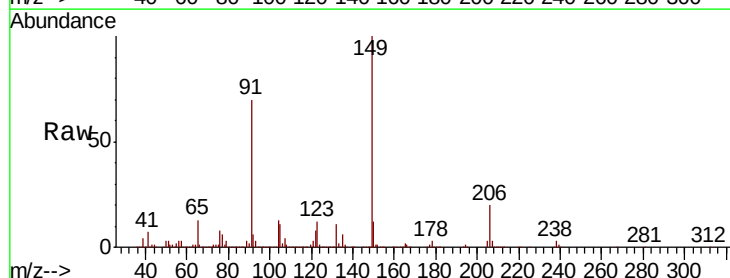
Tgt Ion:149 Resp: 579133

Ion Ratio Lower Upper

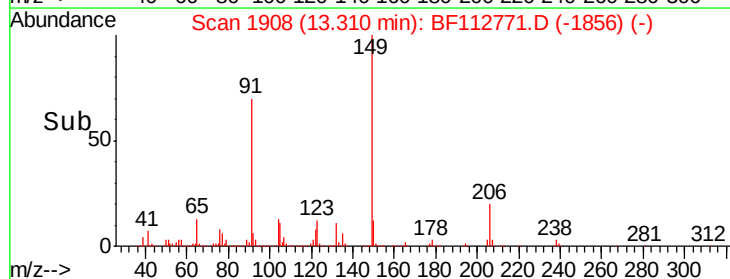
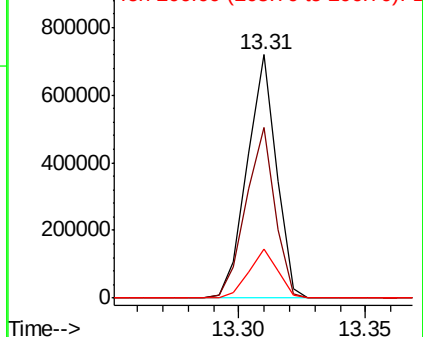
149 100

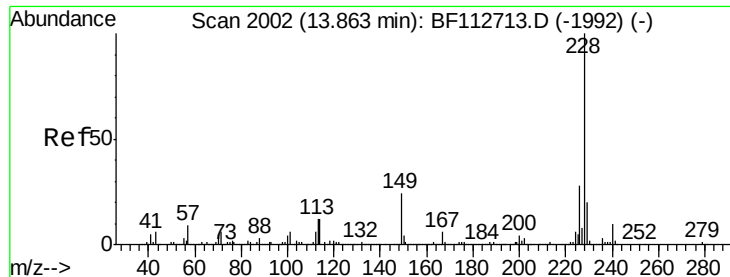
91 70.1 59.9 89.9

206 20.2 14.7 22.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.809 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

Tot Ion:228 Resp: 1073409

Ion Ratio Lower Upper

228 100

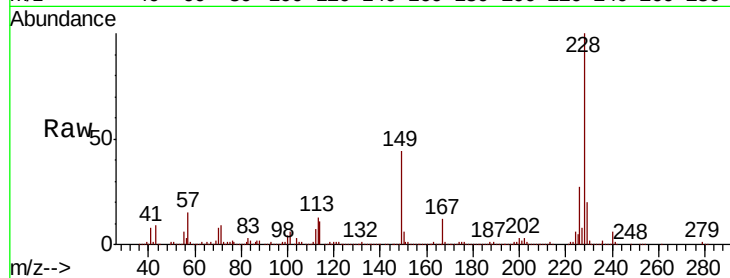
226 27.1 22.2 33.4

229 20.2 16.0 24.0

Manual Integrations
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3/1/2019 3:00:12 PM

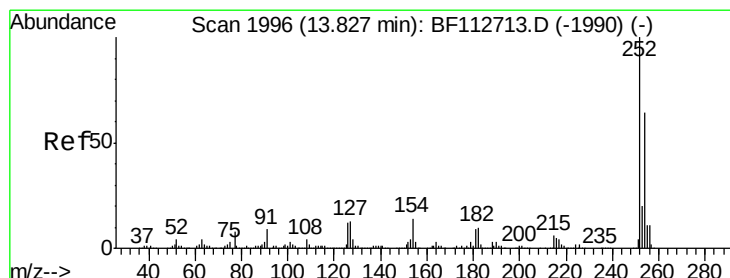
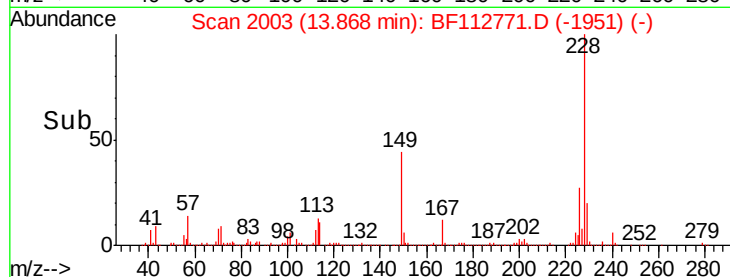
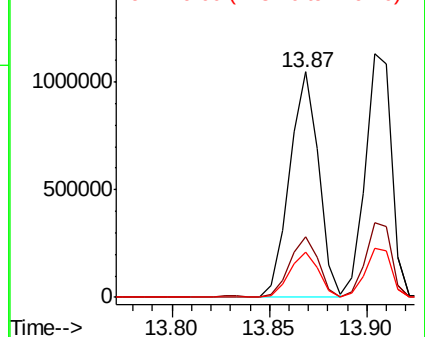


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.173 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

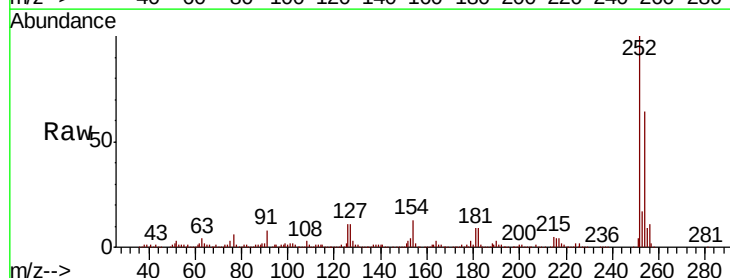
Tgt Ion:252 Resp: 439433

Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

126 11.1 9.9 14.9

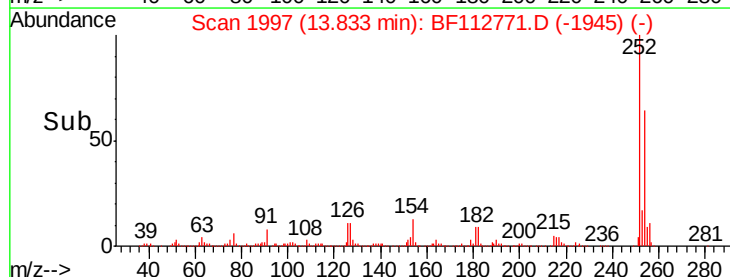
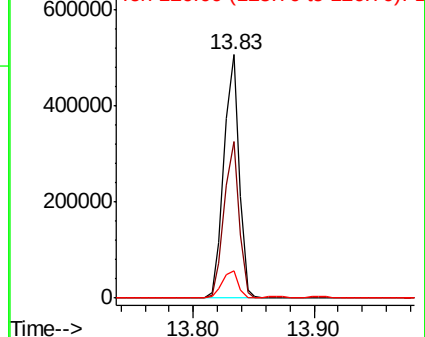


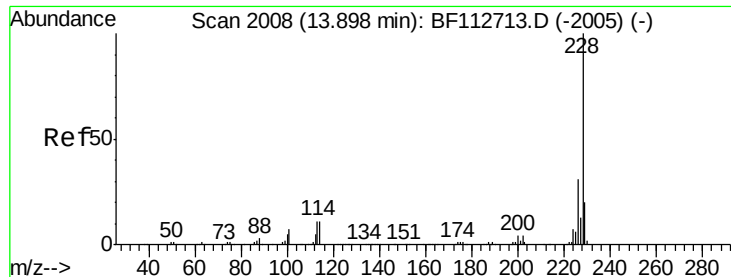
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





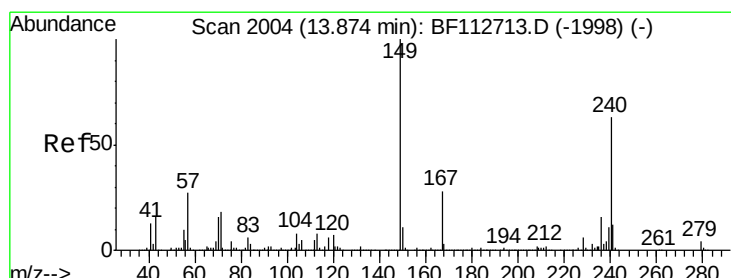
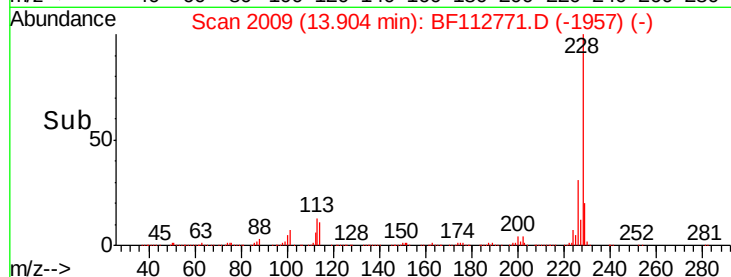
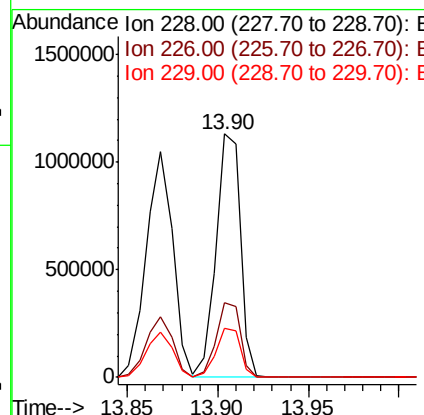
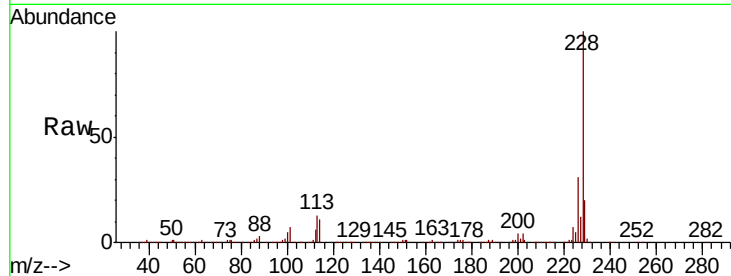
#83
Chrysene
Concen: 40.924 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion:228 Resp: 1054401
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 20.1 16.3 24.5

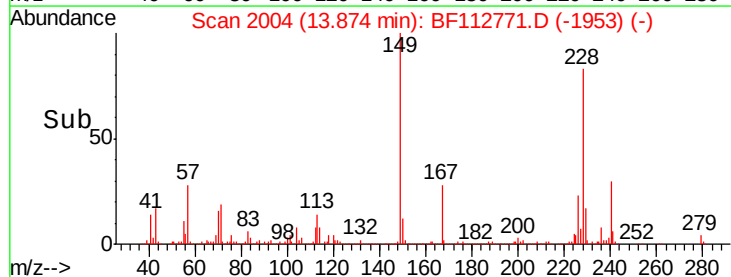
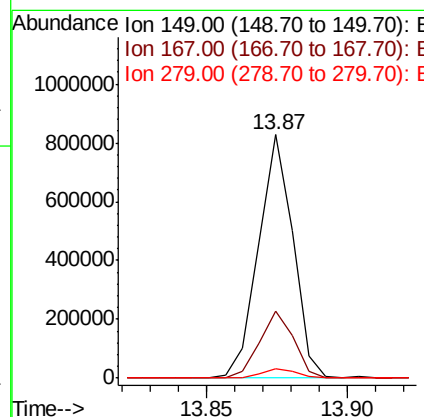
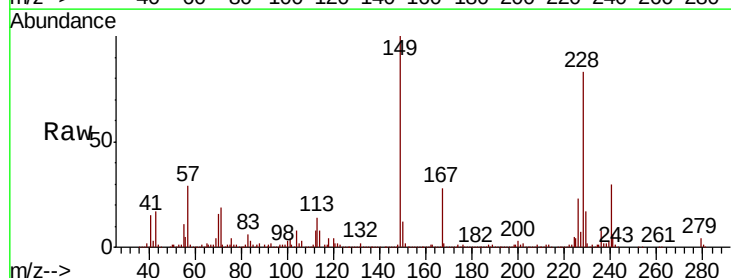
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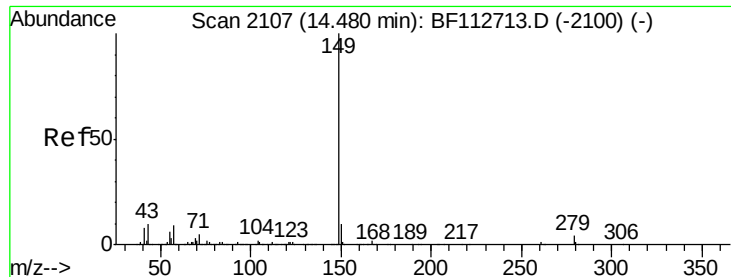
Sohil
3/1/2019 3:00:12 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.257 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:149 Resp: 699996
Ion Ratio Lower Upper
149 100
167 27.6 22.4 33.6
279 3.8 3.3 4.9





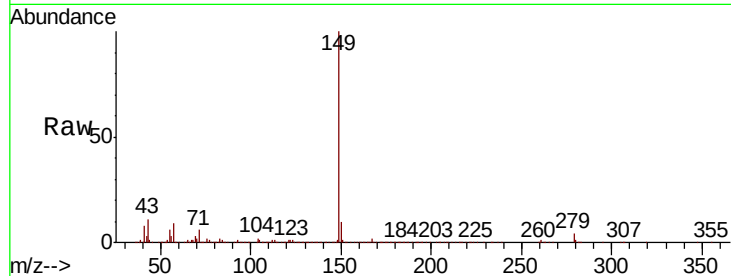
#85
Di-n-octyl phthalate
Concen: 46.964 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.4	9.0	13.4

Manual Integrations
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Sohil
3/1/2019 3:00:12 PM

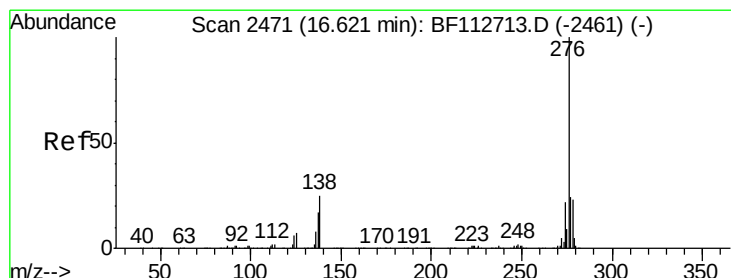
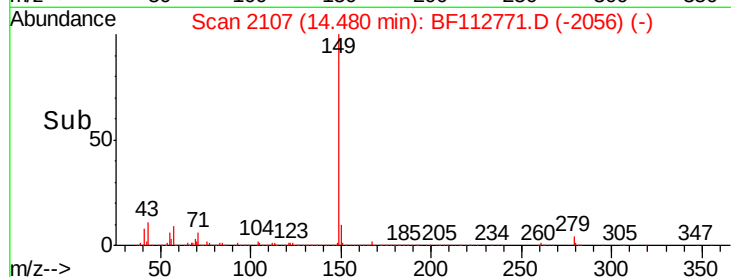
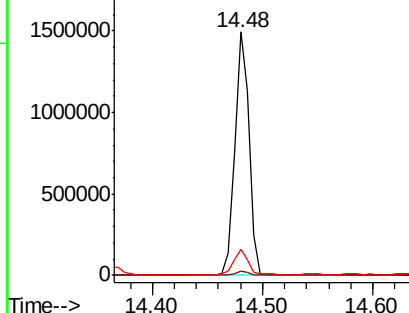


Abundance

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: 70.522 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.04 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

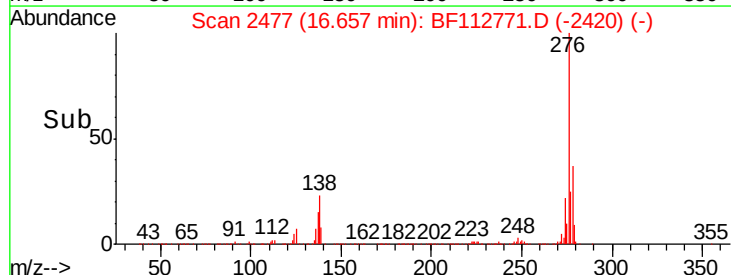
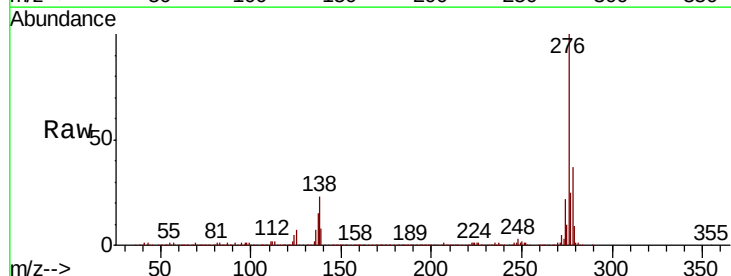
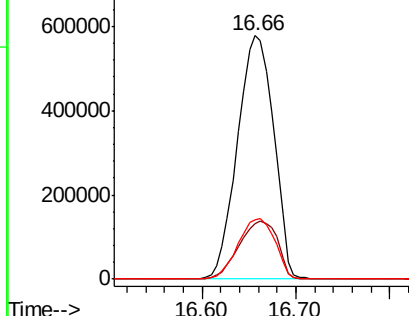
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.2	34.8
277	25.5	19.9	29.9

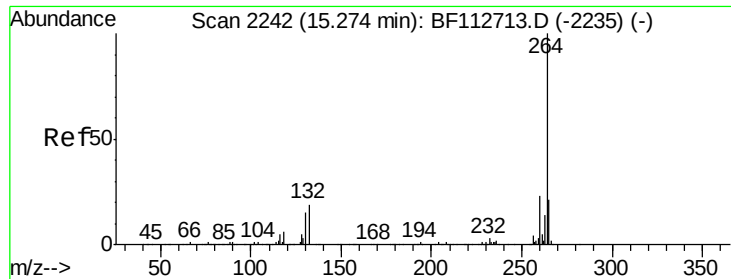
Abundance

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





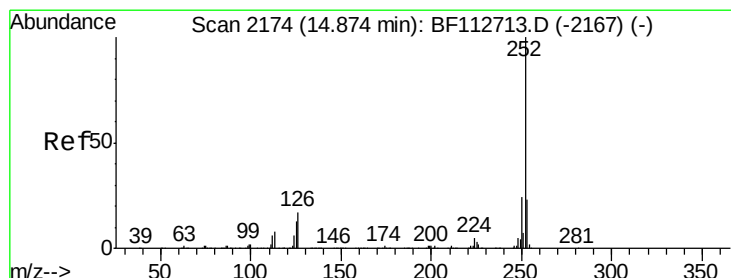
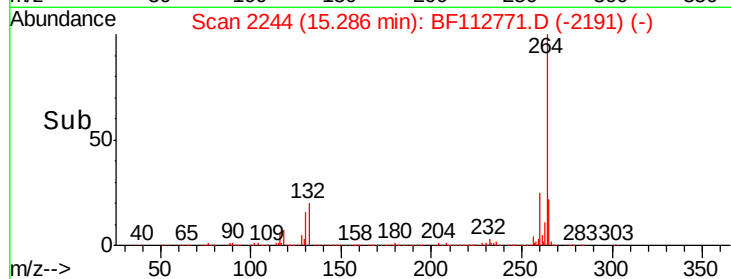
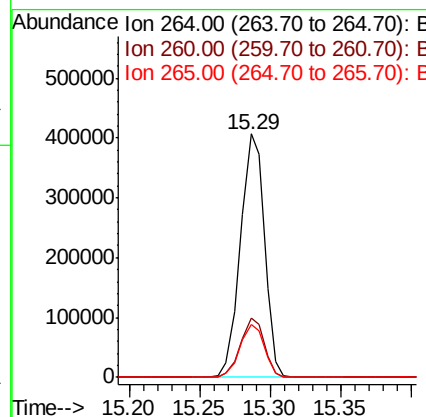
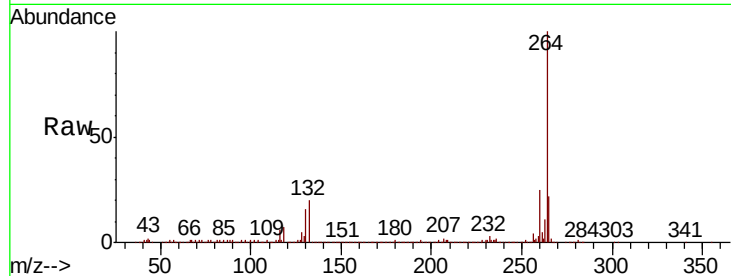
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.9	17.2	25.8

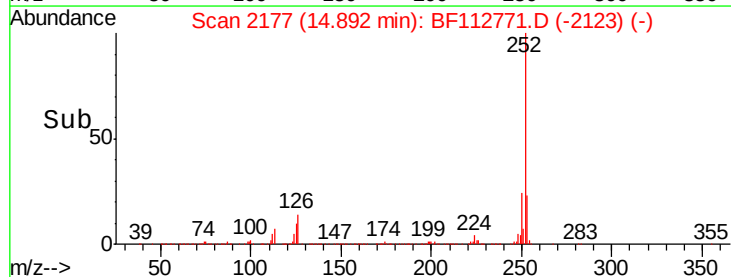
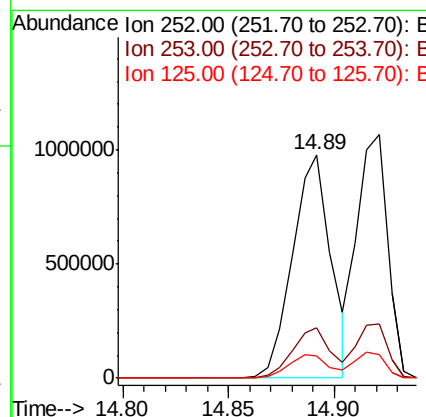
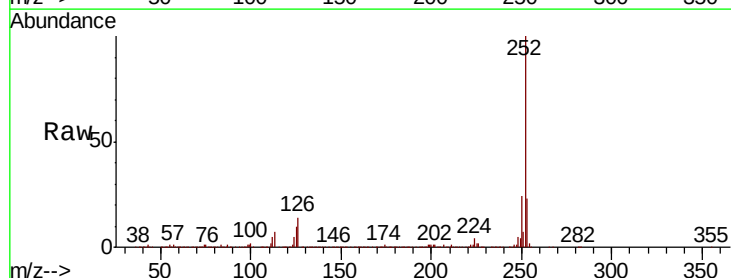
Manual Integrations
APPROVED

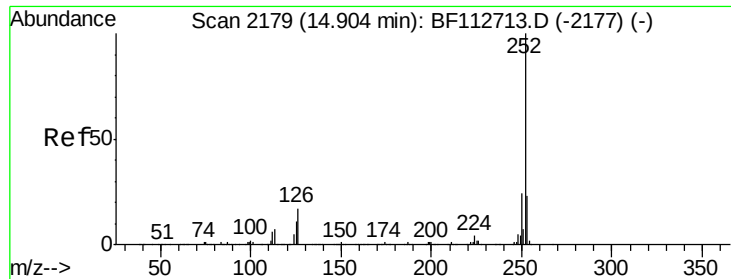
Sohil
3/1/2019 3:00:12 PM



#88
Benzo(b)fluoranthene
Concen: 39.477 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.9	10.2	15.2#





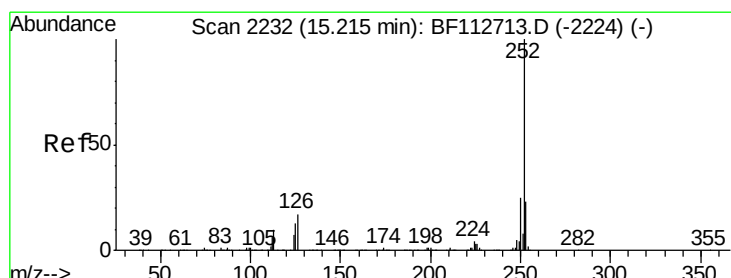
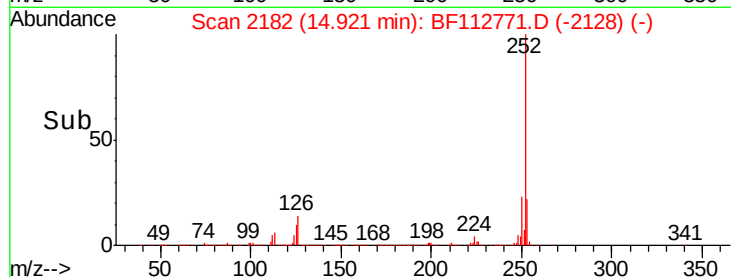
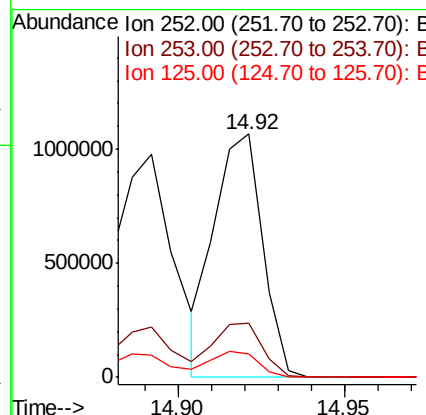
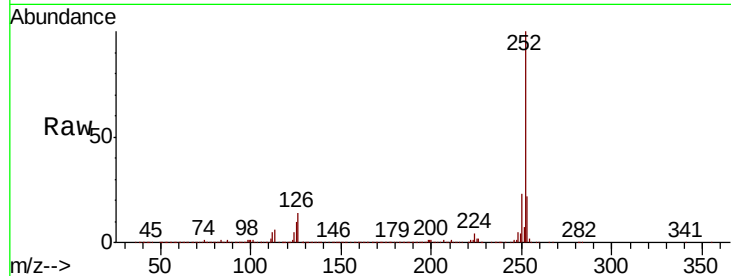
#89
Benzo(k)fluoranthene
Concen: 38.262 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.6	9.8	14.6

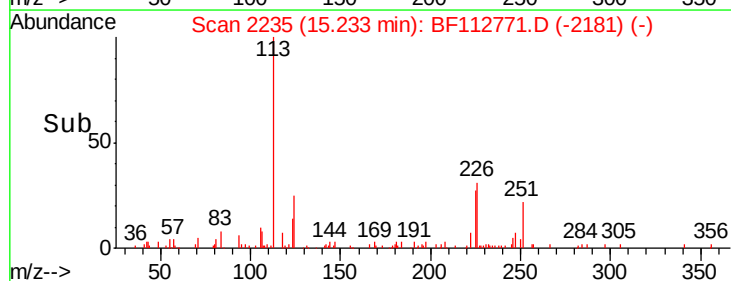
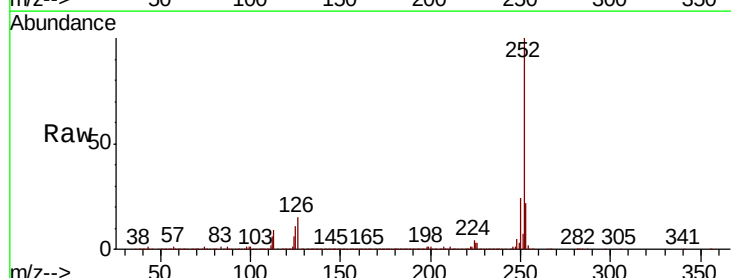
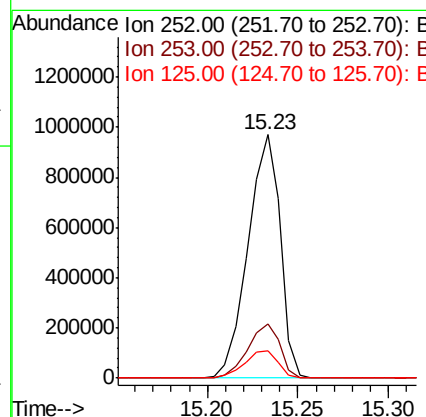
Manual Integrations
APPROVED

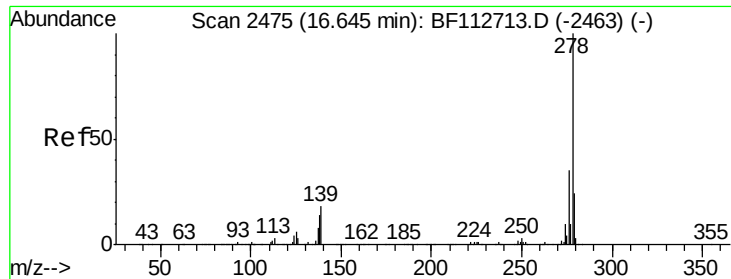
Sohil
3/1/2019 3:00:12 PM



#90
Benzo(a)pyrene
Concen: 43.225 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.5	10.7	16.1





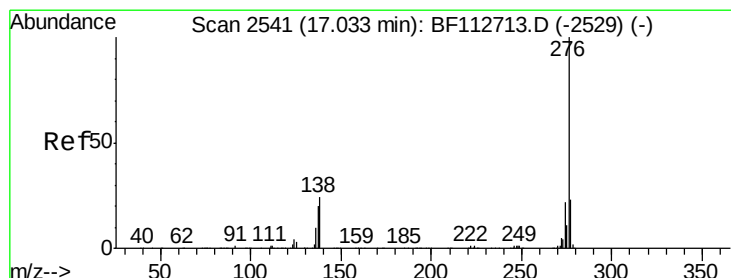
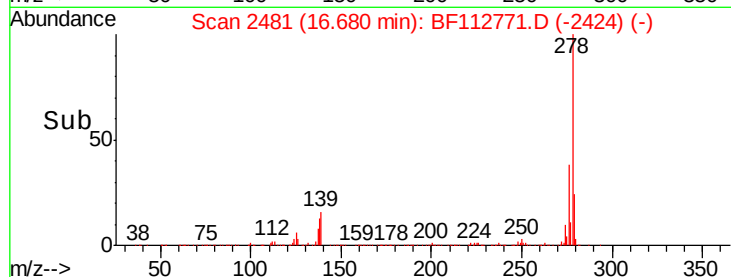
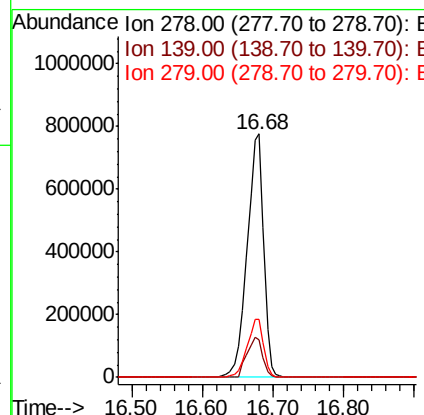
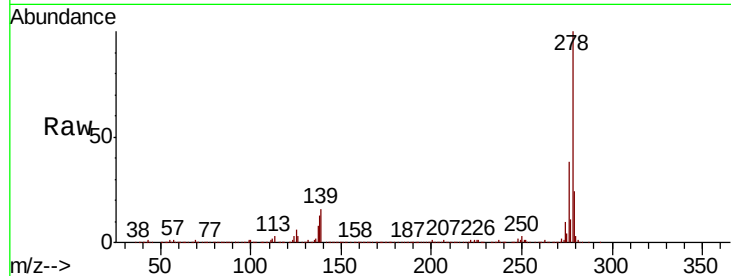
#91
Dibenzo(a,h)anthracene
Concen: 53.698 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.04 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.3	21.5
279	24.0	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/1/2019 3:00:12 PM



#92
Benzo(g,h,i)perylene
Concen: 56.334 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	22.0	19.4	29.0

