

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118286.D
 Acq On : 19 Dec 2019 18:29
 Operator : JU
 Sample : K6317-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

Manual Integrations
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 12/20/2019 4:26:21 PM

Quant Time: Dec 20 04:10:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	110839	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	435494	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	232486	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	451569	20.00	ng	0.00
76) Chrysene-d12	14.06	240	323482	20.00	ng	-0.01
87) Perylene-d12	15.54	264	290187	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	836374	132.16	ng	0.01
7) Phenol-d6	6.50	99	964722	126.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	706194	91.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	424195	150.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1457918	95.42	ng	-0.01
79) Terphenyl-d14	12.99	244	1894036	100.69	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	96598	36.201	ng	# 84
3) Pyridine	3.49	79	166391	24.169	ng	98
4) n-Nitrosodimethylamine	3.41	42	130304	43.998	ng	98
6) Aniline	6.53	93	99320	10.144	ng	# 89
8) 2-Chlorophenol	6.65	128	344138	48.227	ng	98
9) Benzaldehyde	6.41	77	183336	49.392	ng	95
10) Phenol	6.51	94	334521	38.322	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	300744	47.636	ng	96
12) 1,3-Dichlorobenzene	6.80	146	364939	43.780	ng	96
13) 1,4-Dichlorobenzene	6.88	146	375413	44.725	ng	97
14) 1,2-Dichlorobenzene	7.03	146	357114	45.304	ng	98
15) Benzyl Alcohol	7.00	79	286874	48.012	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	343913	45.306	ng	91
17) 2-Methylphenol	7.12	107	266728	46.997	ng	97
18) Hexachloroethane	7.37	117	136018	43.977	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	228619	49.153	ng	98
20) 3+4-Methylphenols	7.27	107	338659	47.506	ng	93
22) Acetophenone	7.27	105	479006	45.783	ng	# 95
24) Nitrobenzene	7.45	77	351345	46.196	ng	99
25) Isophorone	7.69	82	627607	47.826	ng	99
26) 2-Nitrophenol	7.76	139	194315	47.801	ng	94
27) 2,4-Dimethylphenol	7.80	122	298900	55.124	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	387630	45.206	ng	99
29) 2,4-Dichlorophenol	8.01	162	298996	47.300	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	326997	44.265	ng	100
31) Naphthalene	8.17	128	1044344	47.749	ng	100
32) Benzoic acid	7.94	122	169932	34.709	ng	98
33) 4-Chloroaniline	8.22	127	64610	6.842	ng	99
34) Hexachlorobutadiene	8.29	225	189204	42.712	ng	99
35) Caprolactam	8.60	113	71301m	36.576	ng	
36) 4-Chloro-3-methylphenol	8.71	107	321365	48.310	ng	98
37) 2-Methylnaphthalene	8.86	142	727367	49.123	ng	100
38) 1-Methylnaphthalene	8.96	142	677553	48.734	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	313100	44.456	ng	99

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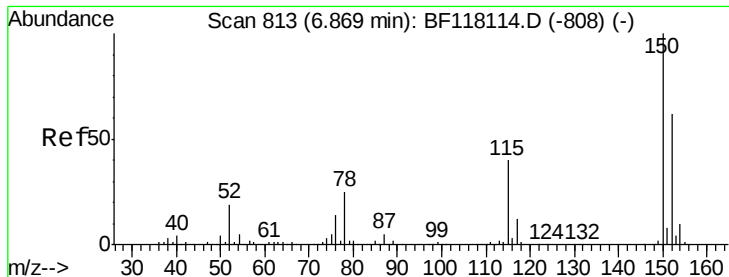
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	304758	96.579	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	219692	46.719	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	235667	48.373	ng	98
46) 1,1'-Biphenyl	9.33	154	867095	47.289	ng	100
47) 2-Chloronaphthalene	9.36	162	672678	45.607	ng	98
48) 2-Nitroaniline	9.46	65	188919	44.915	ng	92
49) Acenaphthylene	9.77	152	1065705	48.988	ng	99
50) Dimethylphthalate	9.63	163	815573	47.493	ng	99
51) 2,6-Dinitrotoluene	9.70	165	180835	48.429	ng	97
52) Acenaphthene	9.95	154	622042	46.847	ng	98
53) 3-Nitroaniline	9.87	138	71852	16.351	ng	94
54) 2,4-Dinitrophenol	9.98	184	177183	95.376	ng	98
55) Dibenzofuran	10.12	168	951860	48.923	ng	99
56) 4-Nitrophenol	10.05	139	260421	85.393	ng	90
57) 2,4-Dinitrotoluene	10.11	165	246989	49.557	ng	94
58) Fluorene	10.46	166	756275	48.912	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	203625	50.661	ng	98
60) Diethylphthalate	10.33	149	820497	48.495	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	366998	47.174	ng	98
62) 4-Nitroaniline	10.49	138	183213	39.975	ng	96
63) Azobenzene	10.61	77	704085	48.748	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	125824	50.455	ng	90
66) n-Nitrosodiphenylamine	10.57	169	673505	47.761	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	235342	45.655	ng	95
68) Hexachlorobenzene	11.02	284	271796	44.797	ng	94
69) Atrazine	11.10	200	232084	Below Cal		98
70) Pentachlorophenol	11.21	266	278291	97.534	ng	97
71) Phenanthrene	11.43	178	1151068	47.951	ng	100
72) Anthracene	11.48	178	1184050	49.445	ng	99
73) Carbazole	11.64	167	1039286	48.372	ng	99
74) Di-n-butylphthalate	11.96	149	1308594	48.666	ng	99
75) Fluoranthene	12.62	202	1210430	49.319	ng	97
77) Benzidine	12.74	184	62964	7.394	ng	99
78) Pyrene	12.85	202	1218833	47.813	ng	99
80) Butylbenzylphthalate	13.46	149	556232	48.180	ng	99
81) Benzo(a)anthracene	14.04	228	1068034	47.749	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	182199	24.802	ng	98
83) Chrysene	14.09	228	1007254	47.142	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	772572	50.750	ng	99
85) Di-n-octyl phthalate	14.64	149	1222053	52.994	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	936729	52.105	ng	99
88) Benzo(b)fluoranthene	15.11	252	870194	45.341	ng	98
89) Benzo(k)fluoranthene	15.14	252	898266m	48.720	ng	
90) Benzo(a)pyrene	15.49	252	779999	46.017	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	784437	53.956	ng	99
92) Benzo(g,h,i)perylene	17.52	276	791481	56.654	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

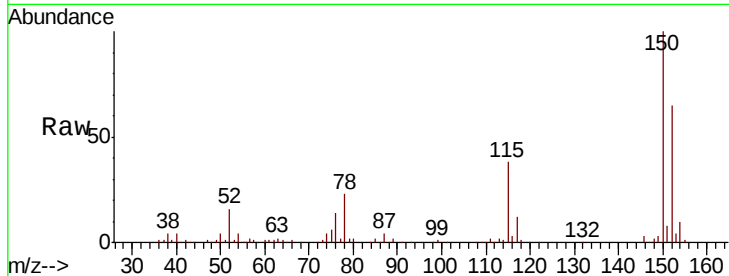
ClientSampleId :

178K-WC1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	128.3	192.5
115	57.9	51.1	76.7

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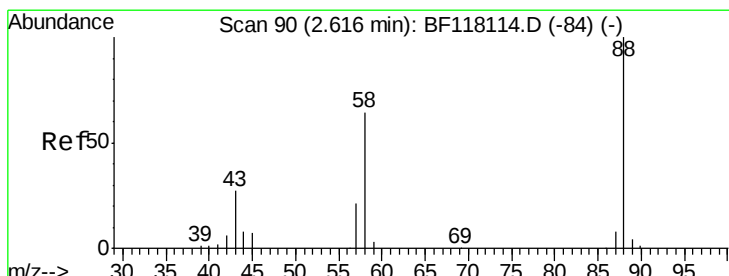
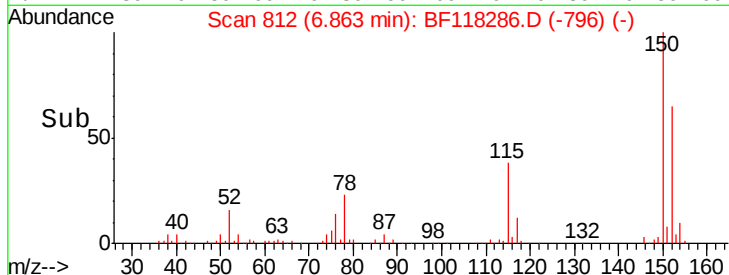
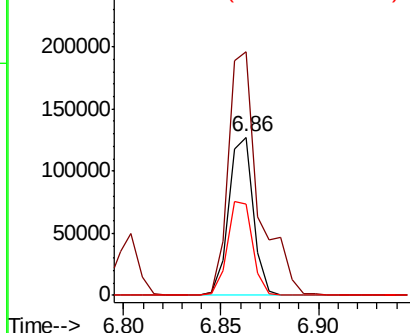


Abundance

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: 36.201 ng

RT: 2.76 min Scan# 114

Delta R.T. 0.14 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

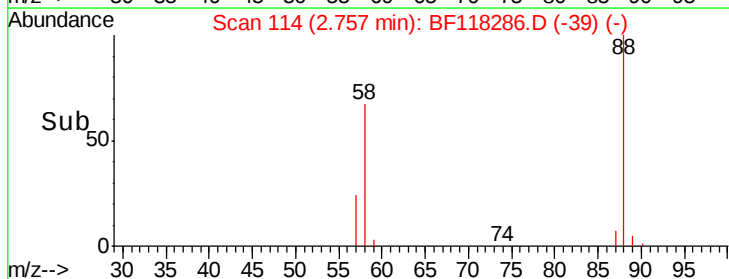
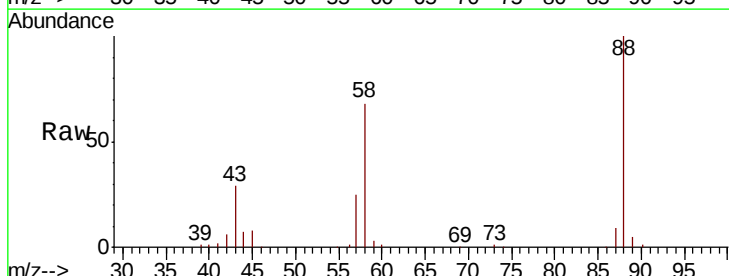
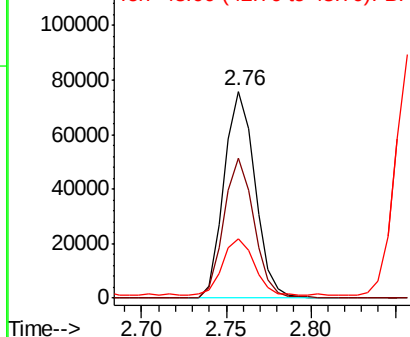
Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	52.2	78.4
43	0.0	21.4	32.2

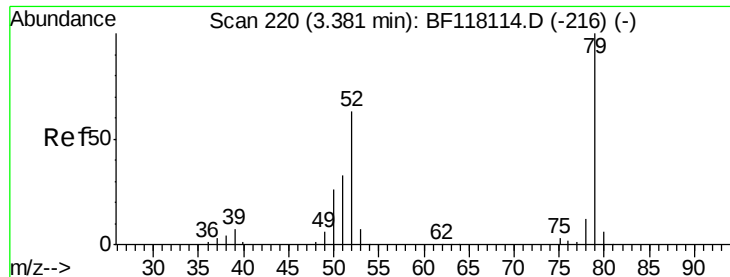
Abundance

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: 24.169 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

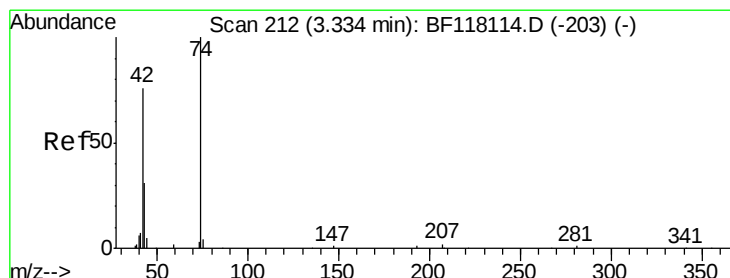
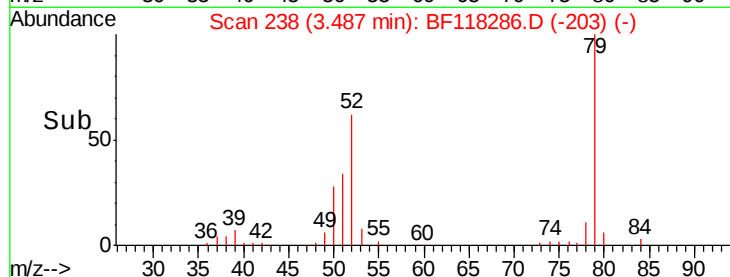
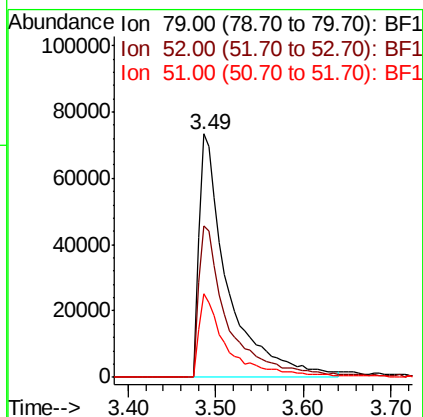
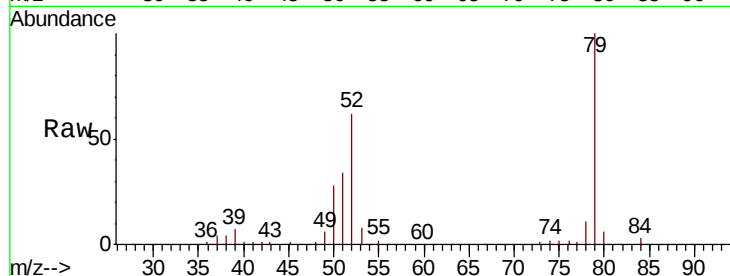
ClientSampleId :

178K-WC1MS

Tot Ion:	79	Resp:	166391
Ion	Ratio	Lower	Upper
79	100		
52	62.1	50.7	76.1
51	34.4	26.4	39.6

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#4

n-Nitrosodimethylamine

Concen: 43.998 ng

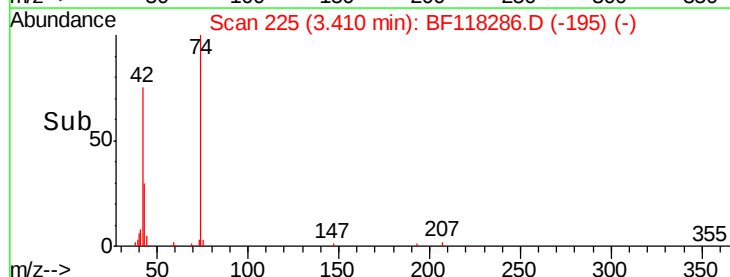
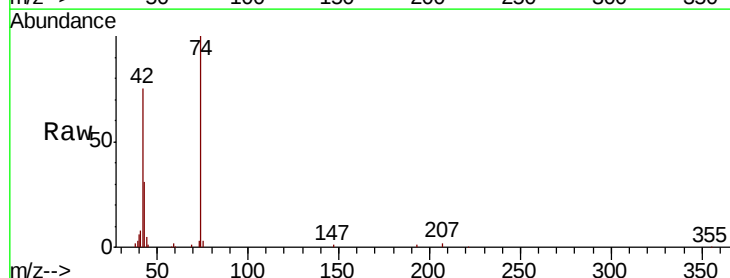
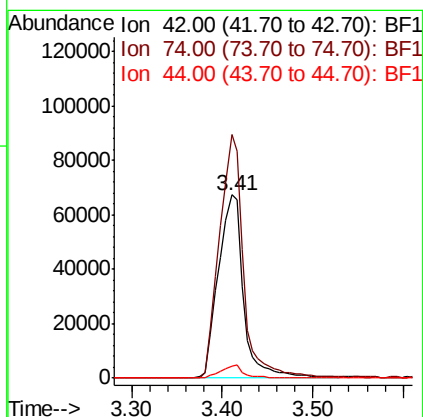
RT: 3.41 min Scan# 225

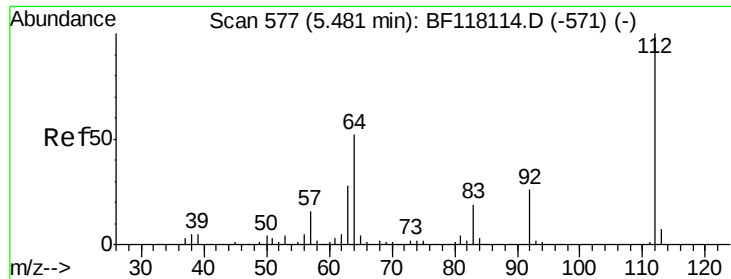
Delta R.T. 0.08 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion:	42	Resp:	130304
Ion	Ratio	Lower	Upper
42	100		
74	133.2	104.6	157.0
44	6.3	5.1	7.7





#5

2-Fluorophenol

Concen: 132.163 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

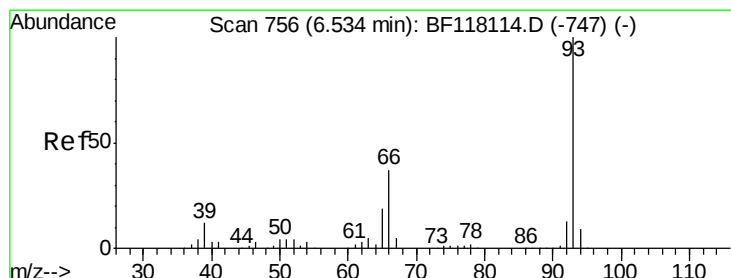
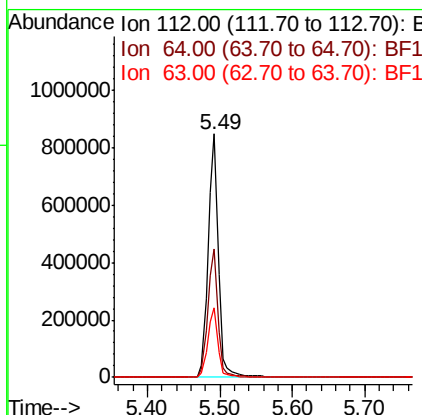
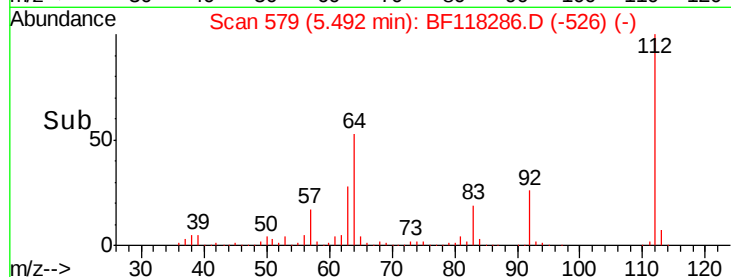
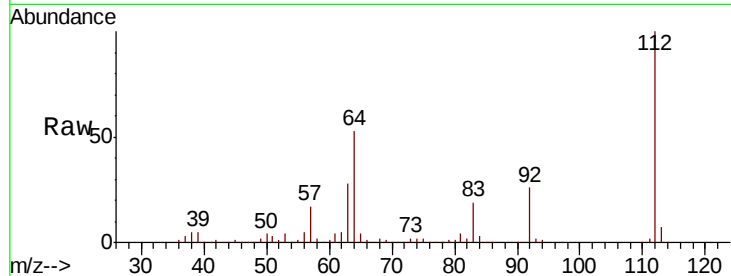
ClientSampleId :

178K-WC1MS

Tot Ion:	112	Resp:	836374
Ion Ratio	Lower	Upper	
112	100		
64	52.8	41.3	61.9
63	28.3	22.4	33.6

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#6

Aniline

Concen: 10.144 ng

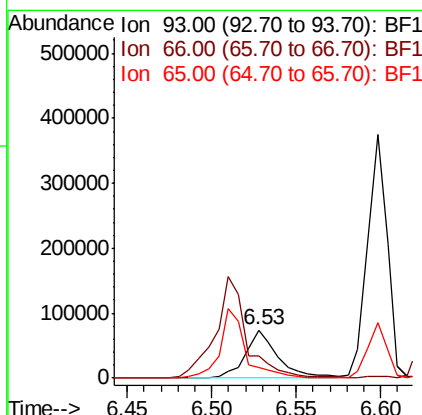
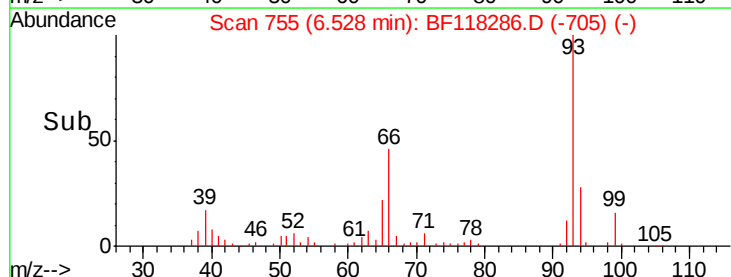
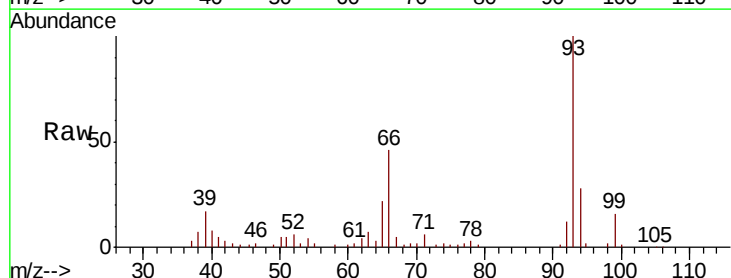
RT: 6.53 min Scan# 755

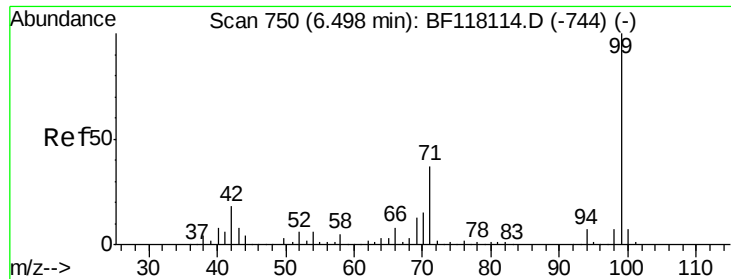
Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion:	93	Resp:	99320
Ion Ratio	Lower	Upper	
93	100		
66	45.8	30.2	45.2#
65	22.3	15.5	23.3





#7

Phenol-d6

Concen: 126.036 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

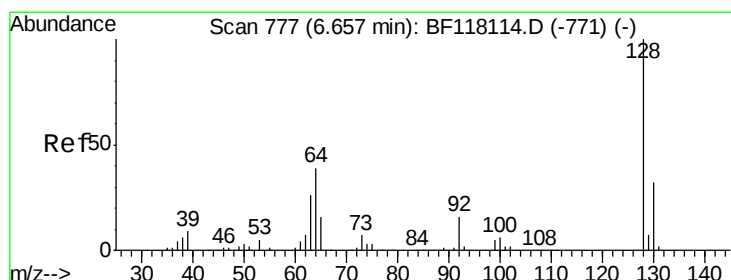
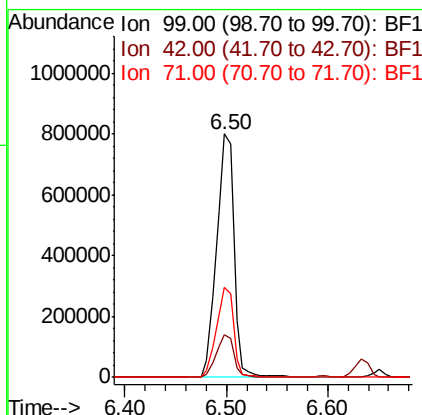
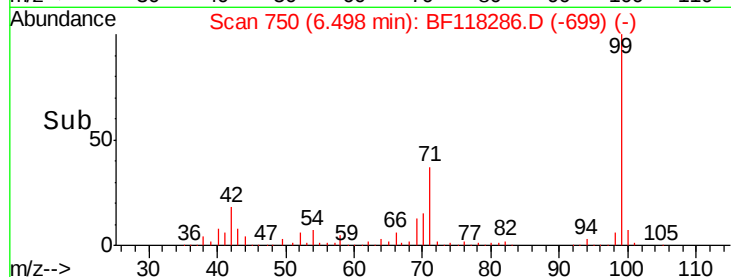
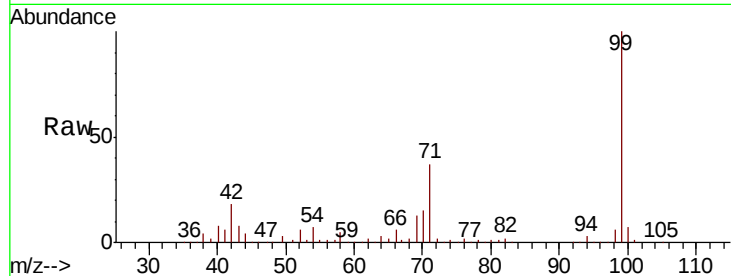
ClientSampleId :

178K-WC1MS

Tot Ion:	99	Resp:	964722
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.1	21.1
71	36.9	29.7	44.5

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#8

2-Chlorophenol

Concen: 48.227 ng

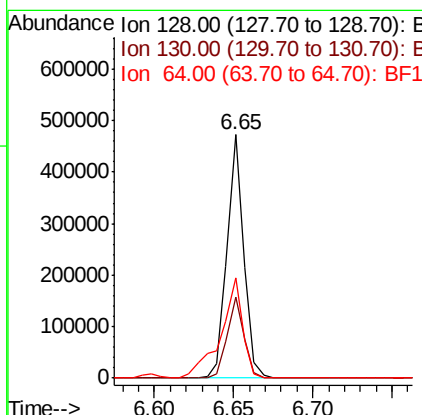
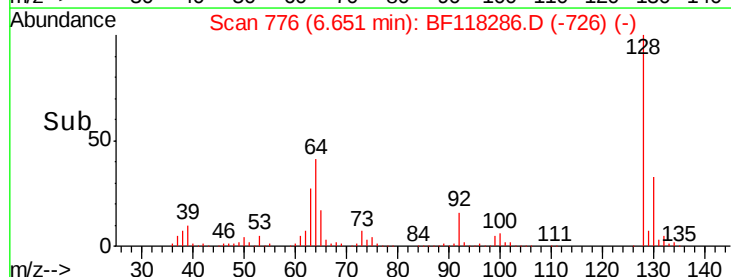
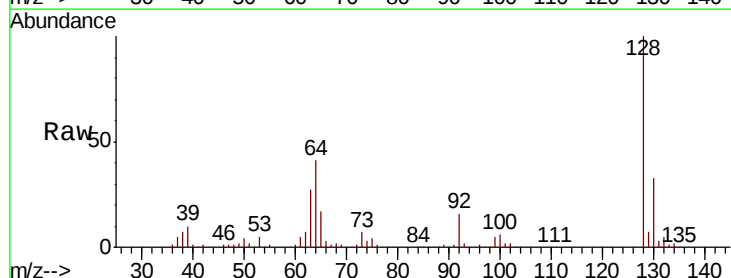
RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion:	128	Resp:	344138
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.1	52.1
64	40.9	19.3	59.3





#9

Benzaldehyde

Concen: 49.392 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

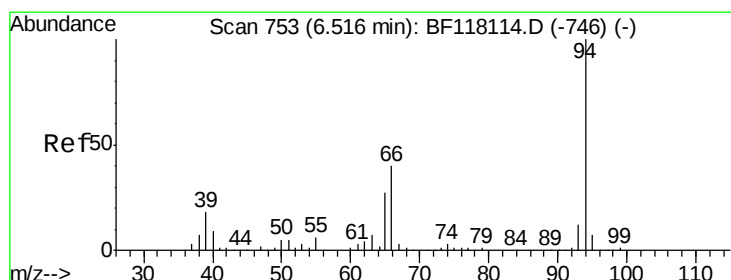
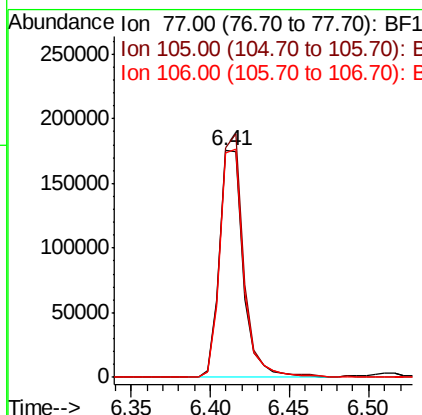
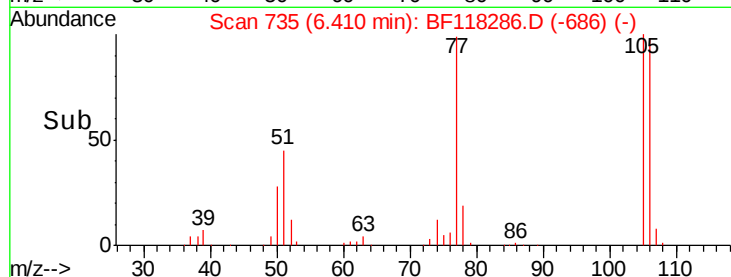
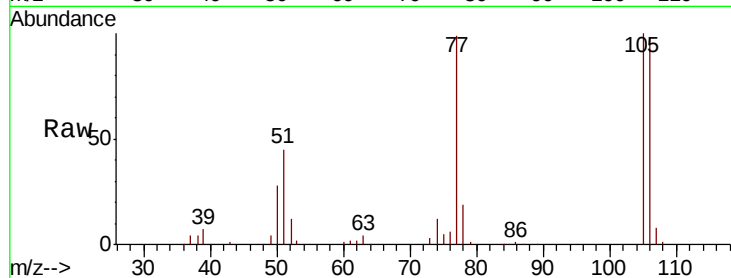
ClientSampleId :

178K-WC1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.3	86.4	126.4		
106	99.1	83.8	123.8		

Manual Integrations
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#10

Phenol

Concen: 38.322 ng

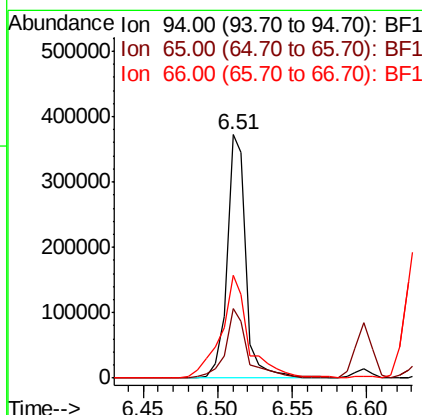
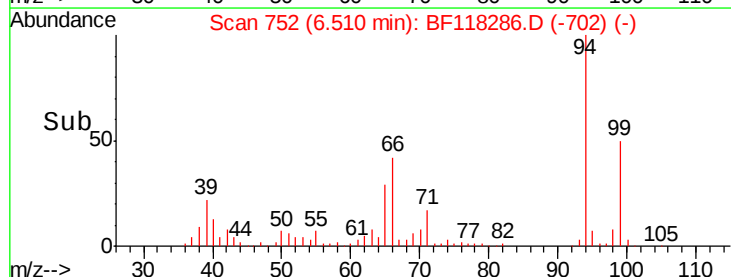
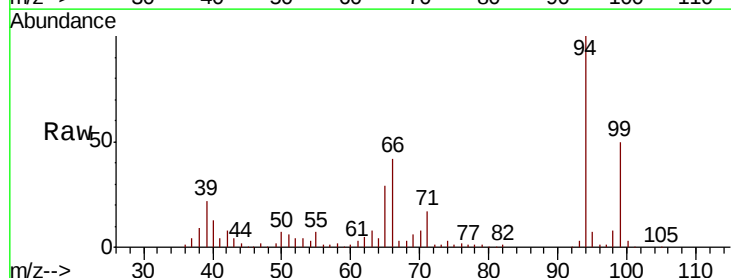
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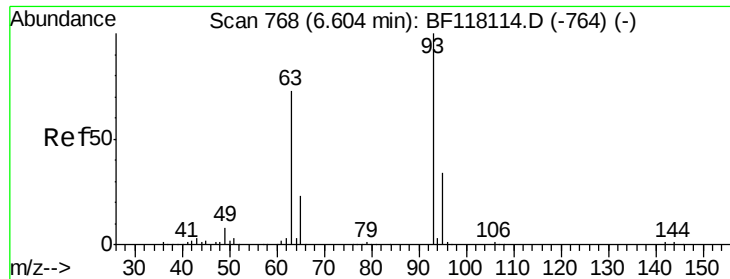
Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.7	7.3	47.3		
66	42.0	20.2	60.2		





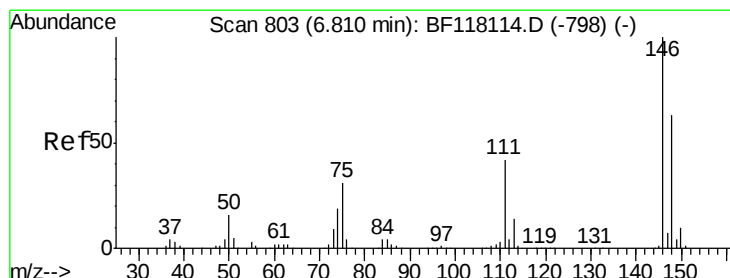
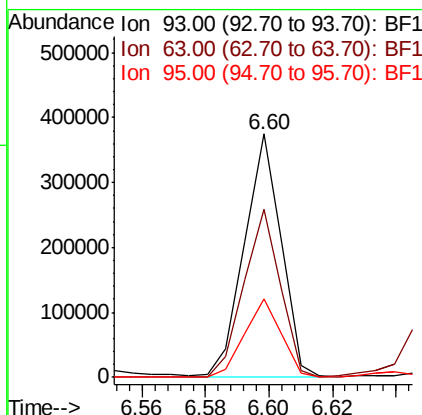
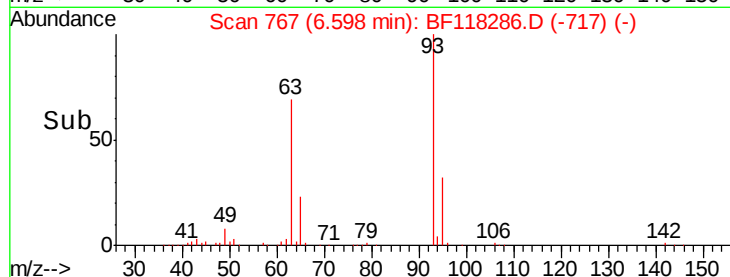
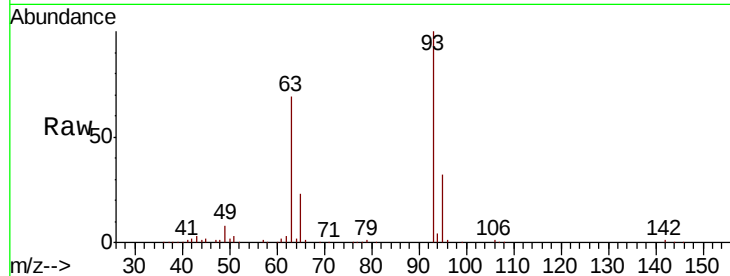
#11
bis(2-Chloroethyl)ether
Concen: 47.636 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion:	93	Resp:	300744
Ion	Ratio	Lower	Upper
93	100		
63	69.0	53.2	93.2
95	32.2	13.8	53.8

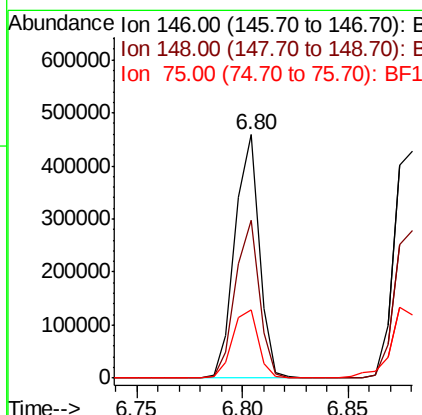
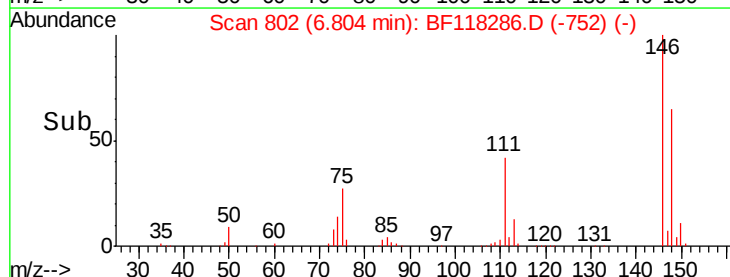
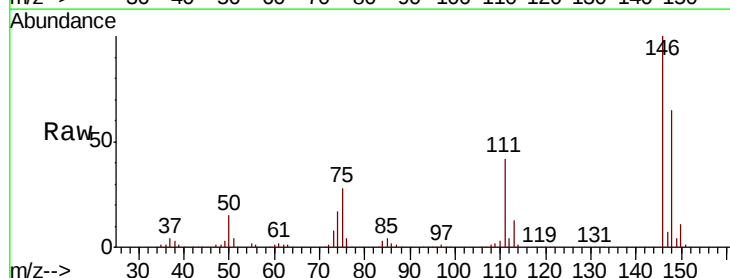
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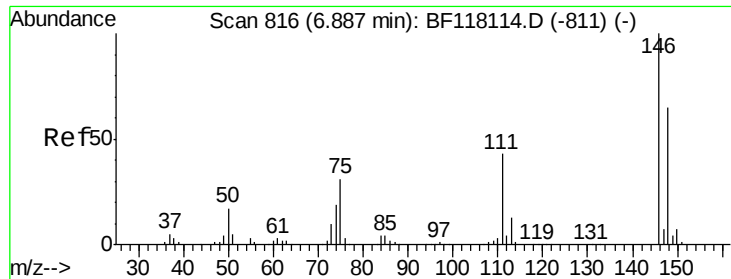
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#12
1,3-Dichlorobenzene
Concen: 43.780 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:	146	Resp:	364939
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.2	75.4
75	28.0	24.6	37.0





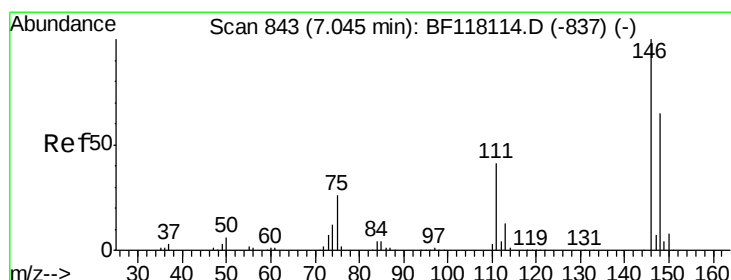
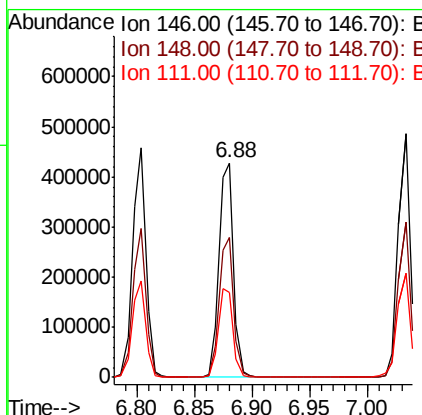
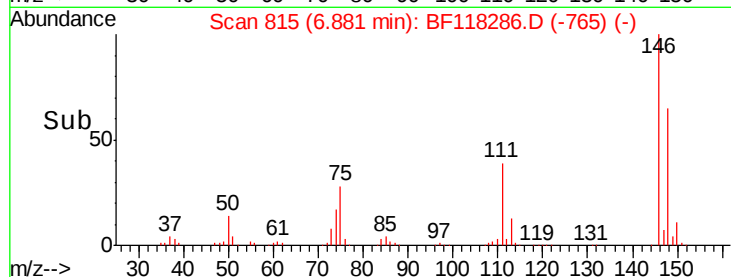
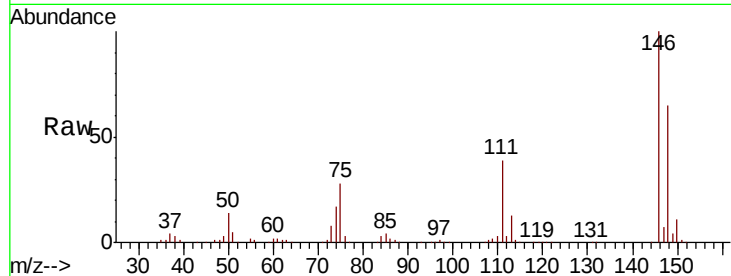
#13
1,4-Dichlorobenzene
Concen: 44.725 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
111	39.4	34.6	52.0

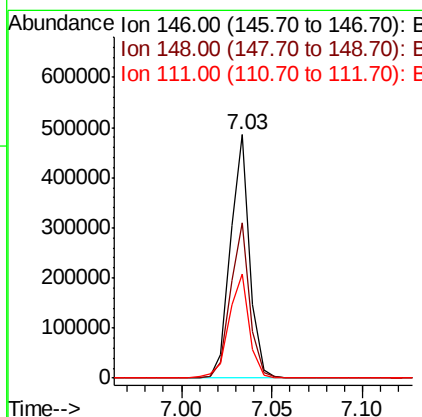
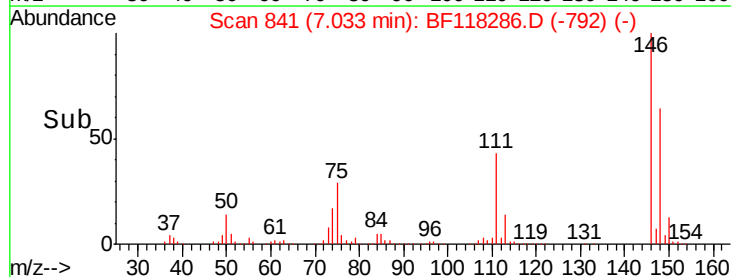
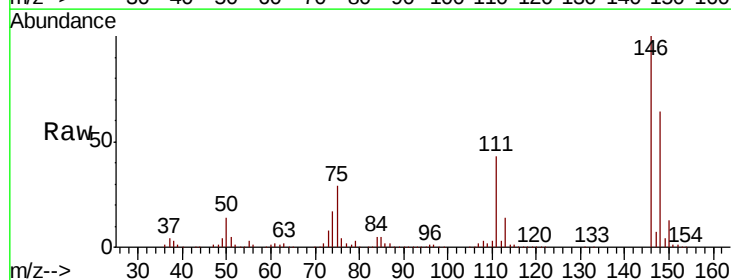
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#14
1,2-Dichlorobenzene
Concen: 45.304 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	42.8	33.1	49.7





#15

Benzyl Alcohol

Concen: 48.012 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

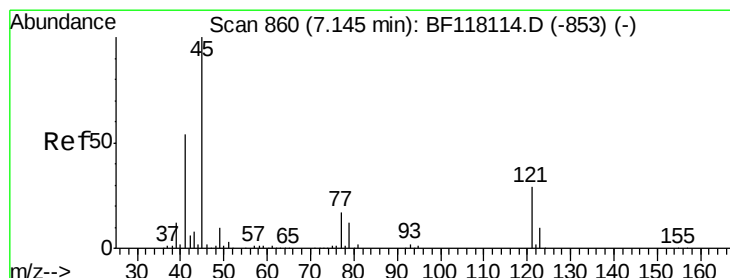
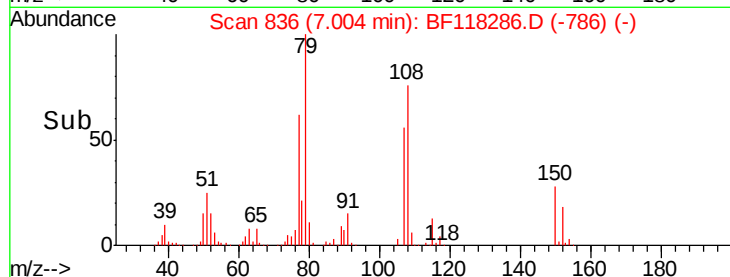
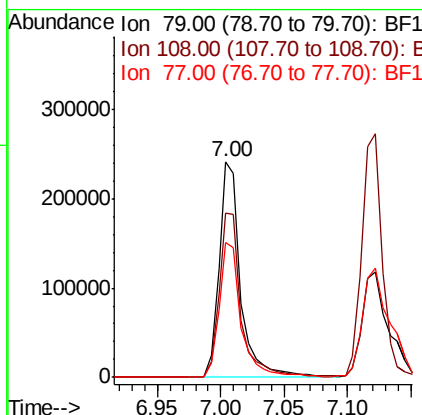
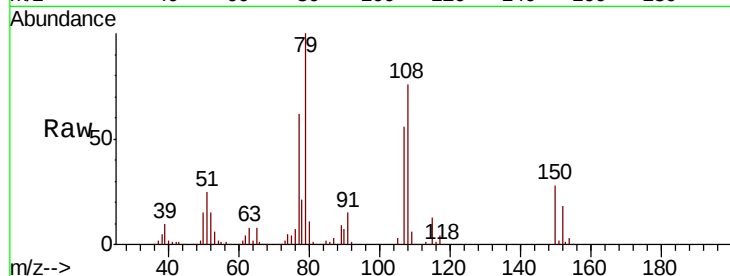
ClientSampleId :

178K-WC1MS

Tot Ion:	79	Resp:	286874
Ion	Ratio	Lower	Upper
79	100		
108	76.2	62.7	94.1
77	62.4	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.306 ng

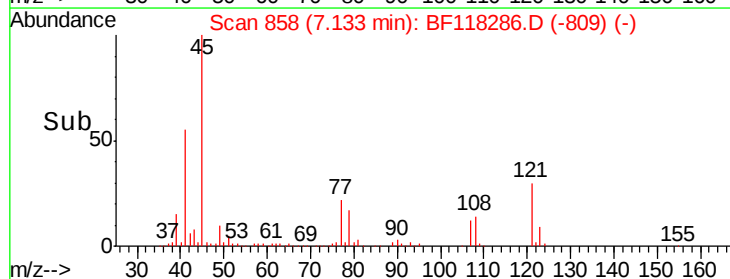
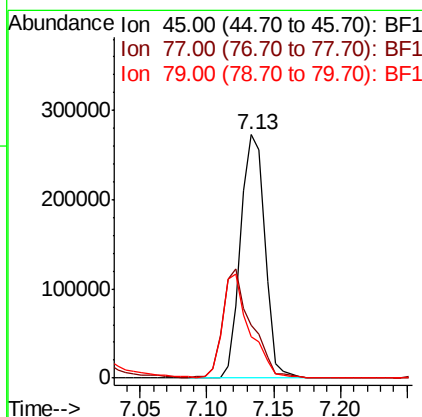
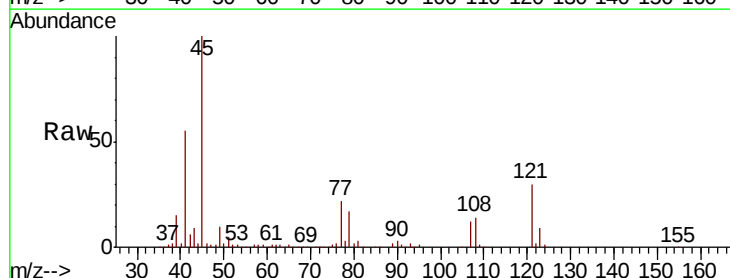
RT: 7.13 min Scan# 858

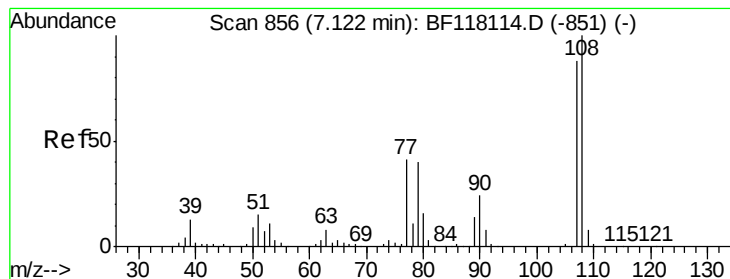
Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion:	45	Resp:	343913
Ion	Ratio	Lower	Upper
45	100		
77	21.8	0.0	38.0
79	17.2	0.0	33.2





#17

2-Methylphenol

Concen: 46.997 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

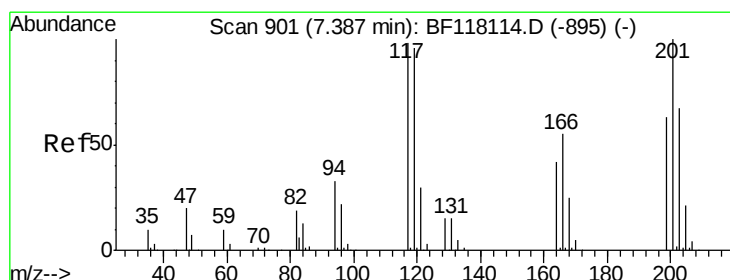
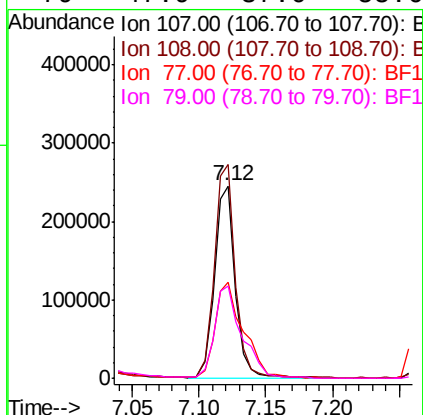
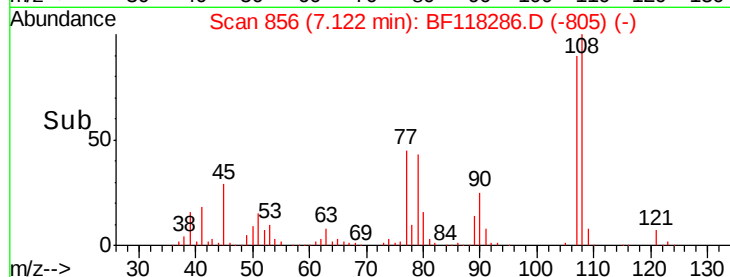
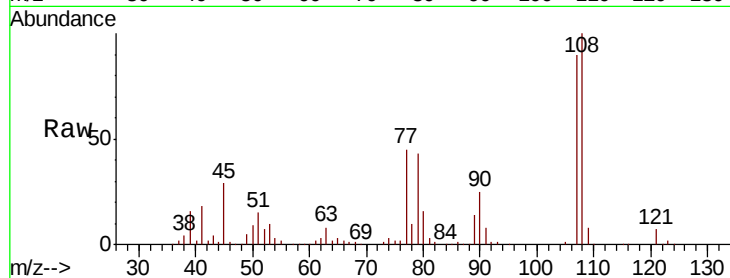
ClientSampleId :

178K-WC1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.1	136.7	
77	49.8	37.8	56.6	
79	47.9	37.0	55.6	

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#18

Hexachloroethane

Concen: 43.977 ng

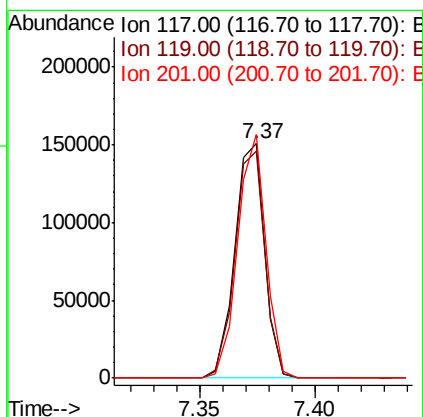
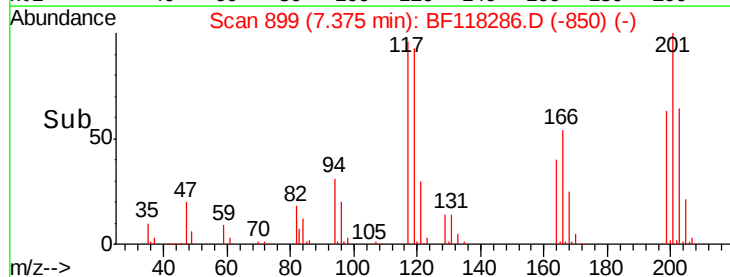
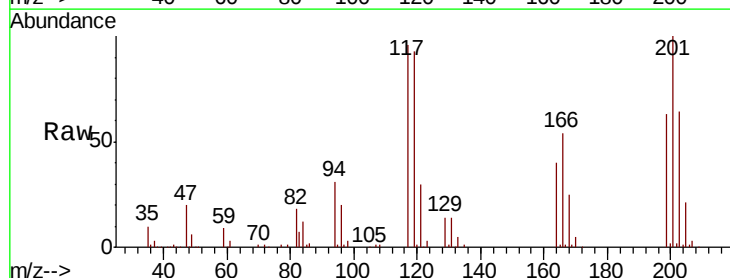
RT: 7.37 min Scan# 899

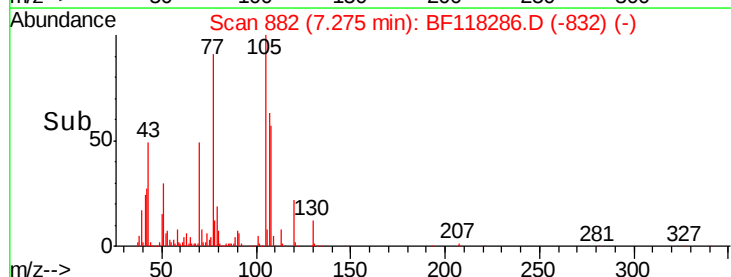
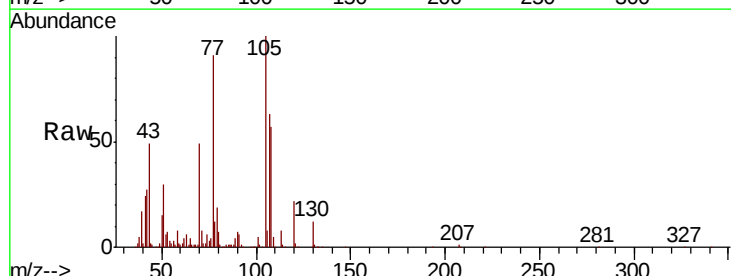
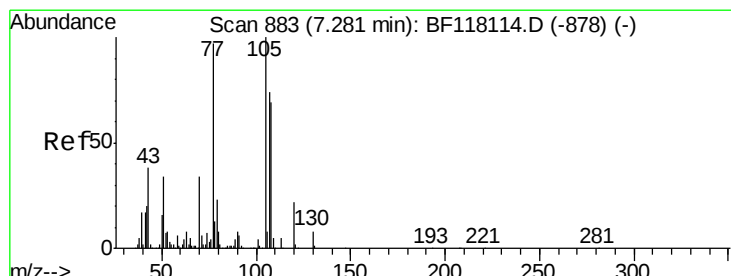
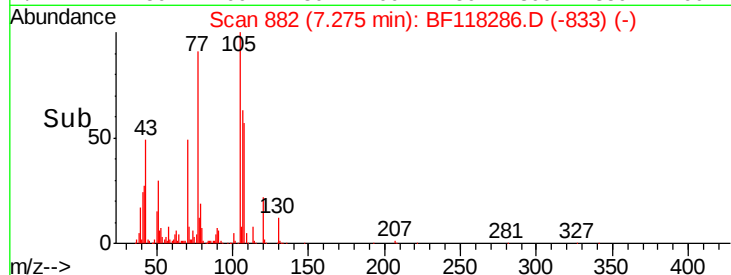
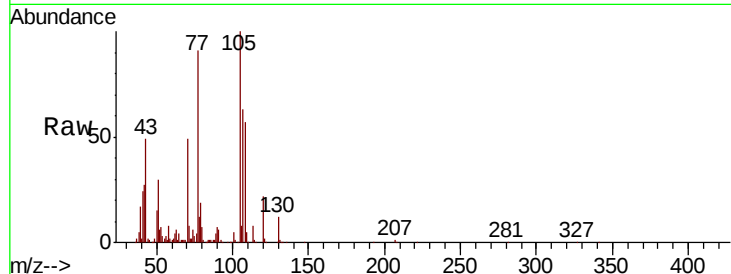
Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	78.2	117.4	
201	104.0	81.6	122.4	





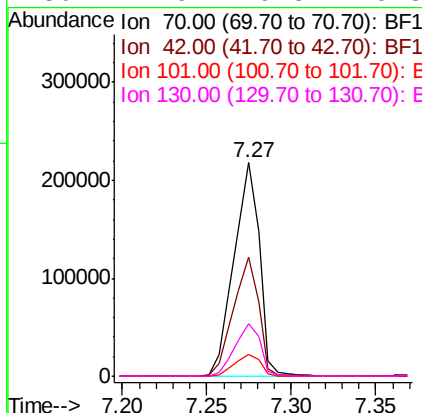
#19
n-Nitroso-di-n-propylamine
Concen: 49.153 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.2	64.8
101	10.4	8.1	12.1
130	24.9	19.8	29.8

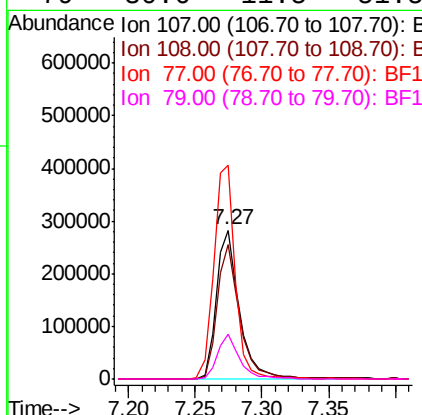
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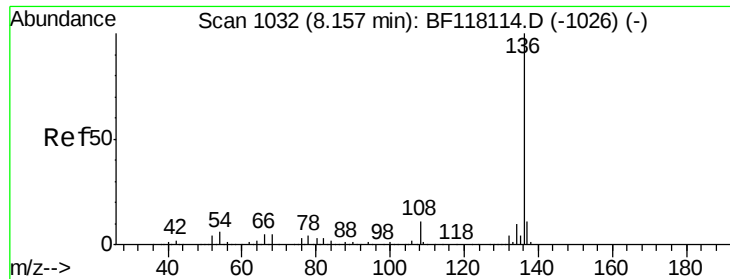
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#20
3+4-Methylphenols
Concen: 47.506 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.2	113.2
77	143.8	110.9	150.9
79	30.6	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

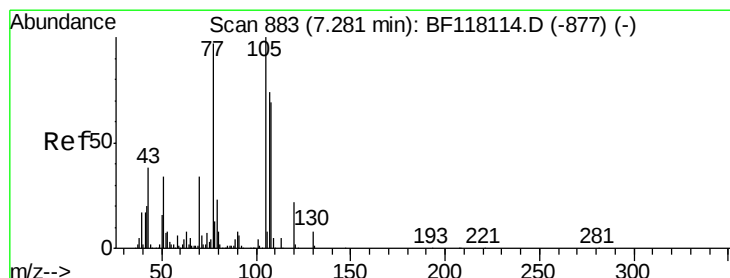
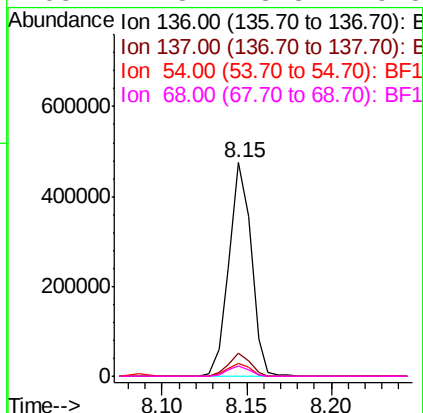
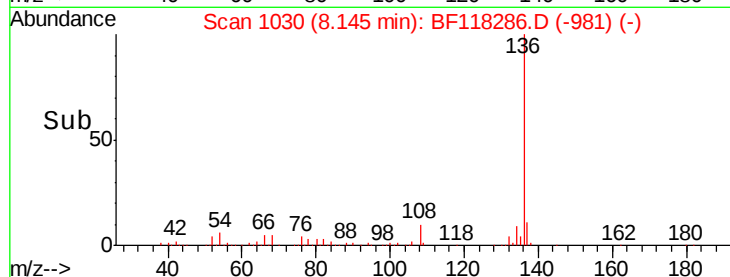
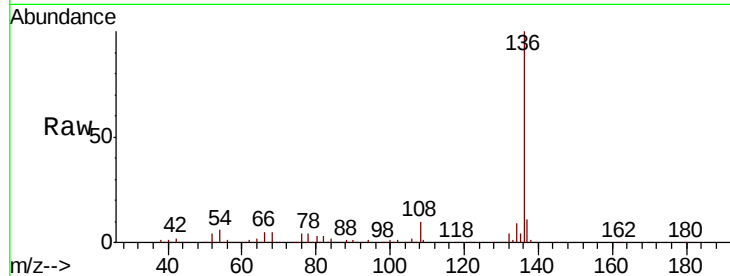
ClientSampleId :

178K-WC1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		435494		
137	11.0		9.0	13.6	
54	6.1		5.0	7.6	
68	4.8		3.8	5.8	

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#22

Acetophenone

Concen: 45.783 ng

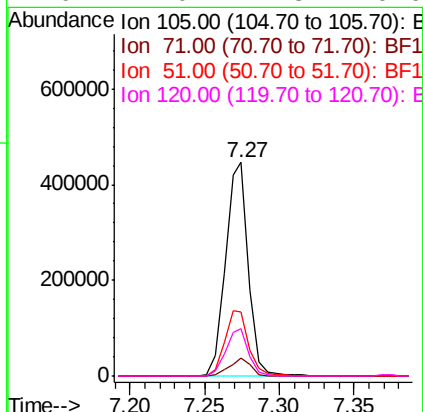
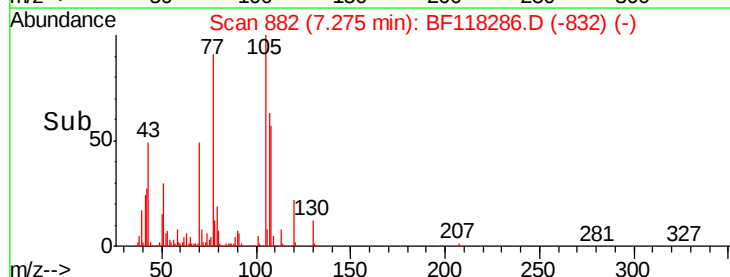
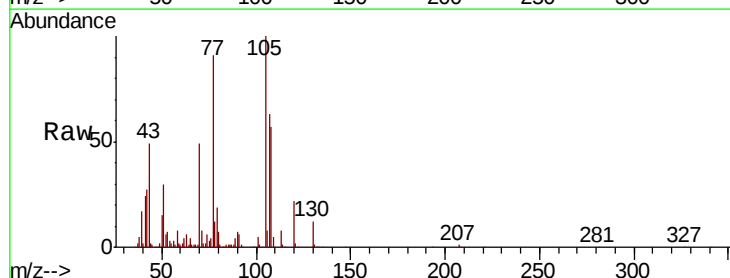
RT: 7.27 min Scan# 882

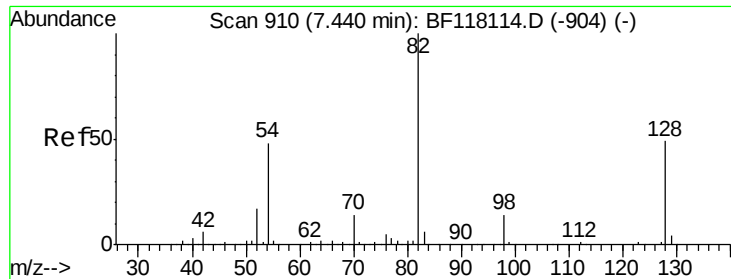
Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		479006		
71	8.5		4.7	7.1#	
51	29.7		27.1	40.7	
120	22.0		17.8	26.6	





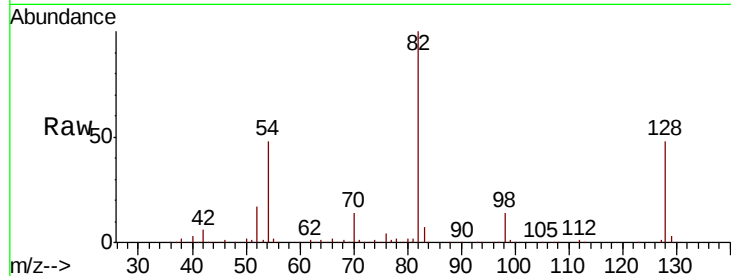
#23
Nitrobenzene-d5
Concen: 91.227 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

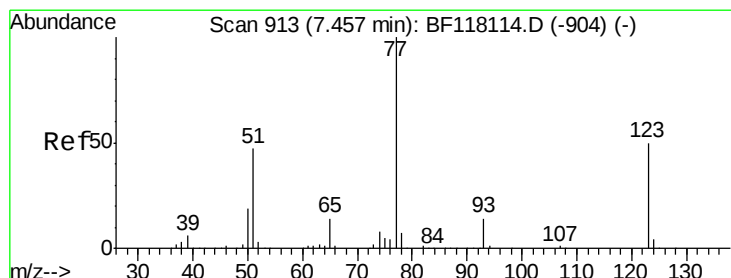
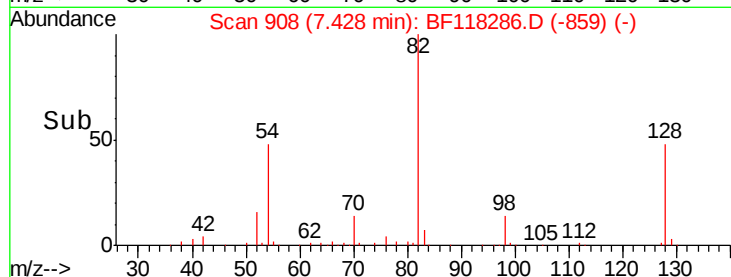
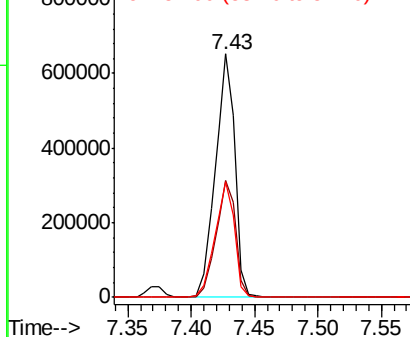
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	39.1	58.7
54	47.7	38.2	57.2

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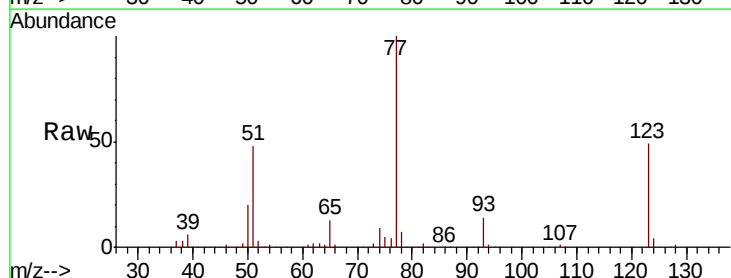


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

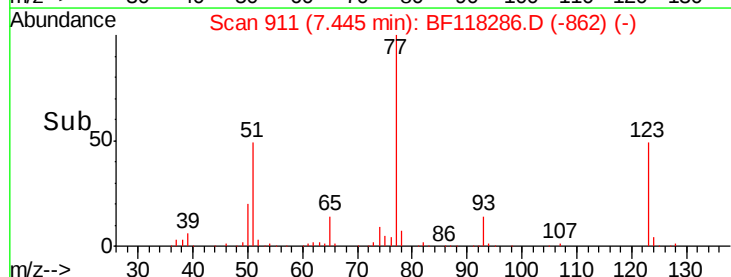
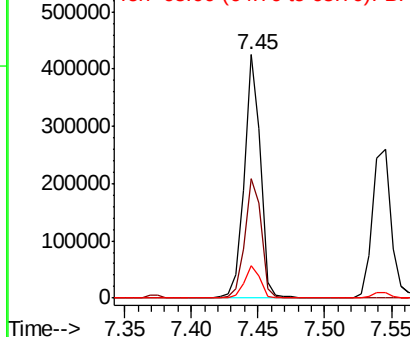


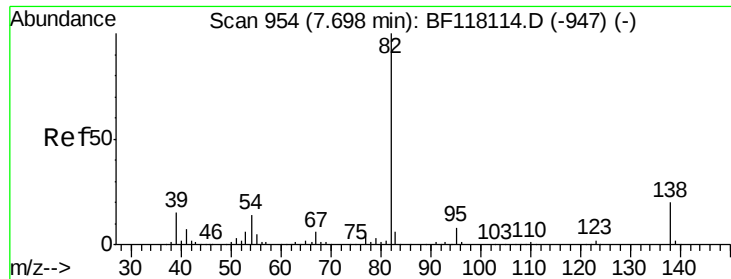
#24
Nitrobenzene
Concen: 46.196 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	40.1	60.1
65	13.4	10.9	16.3



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





#25

Isophorone

Concen: 47.826 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

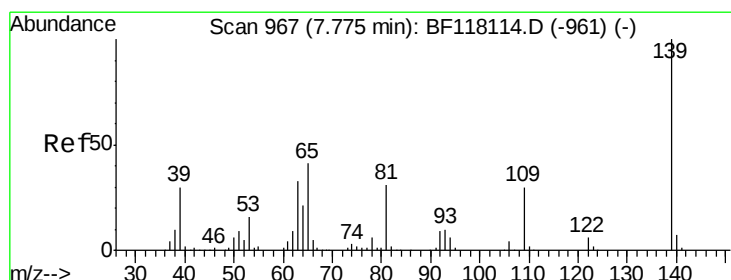
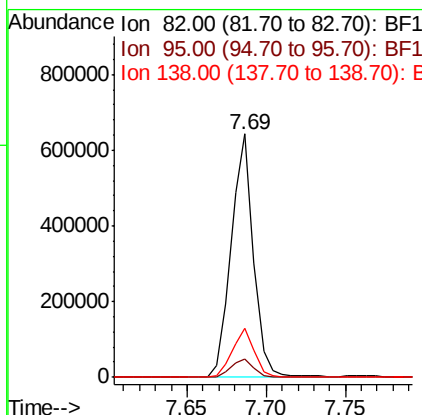
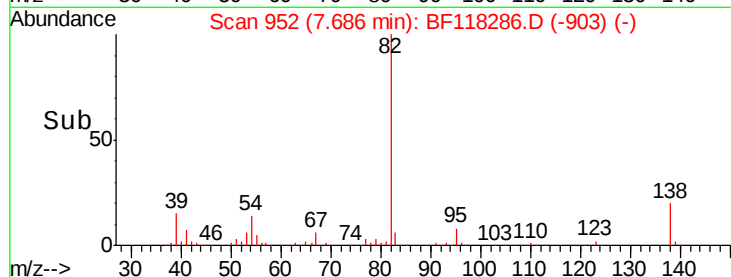
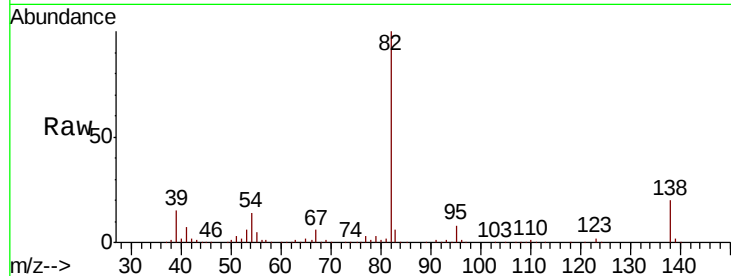
ClientSampleId :

178K-WC1MS

Tot Ion:	82	Resp:	627607
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.3	9.5
138	20.0	16.3	24.5

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#26

2-Nitrophenol

Concen: 47.801 ng

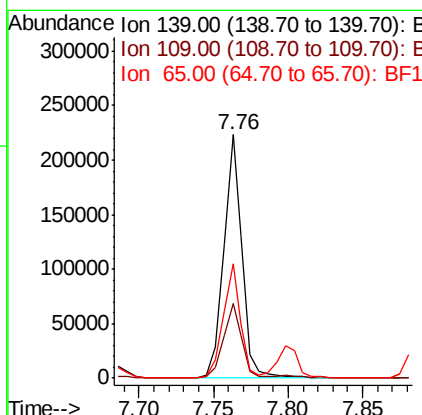
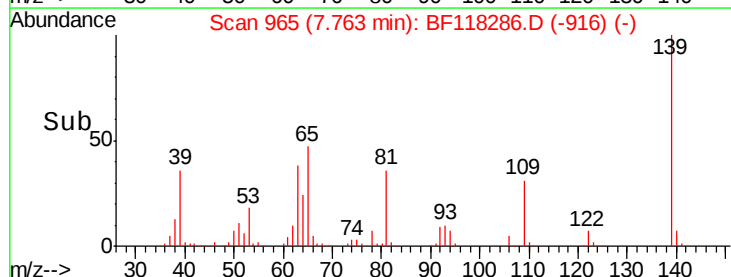
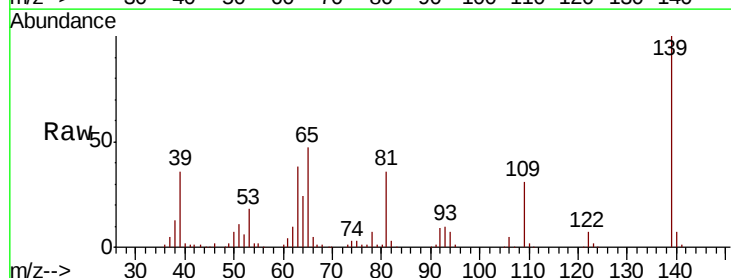
RT: 7.76 min Scan# 965

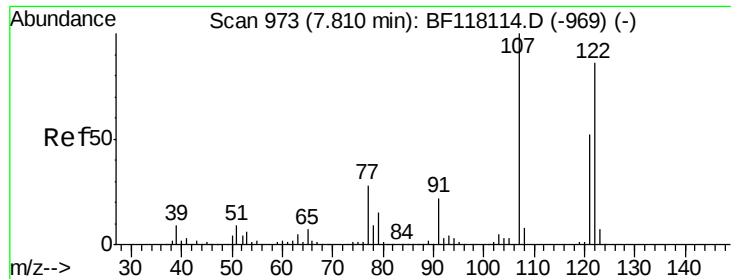
Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion:	139	Resp:	194315
Ion Ratio		Lower	Upper
139	100		
109	30.7	23.9	35.9
65	46.8	33.0	49.6





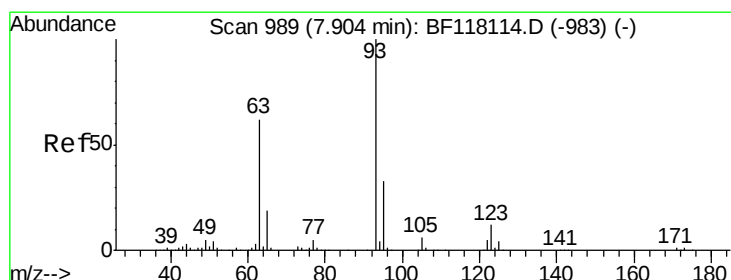
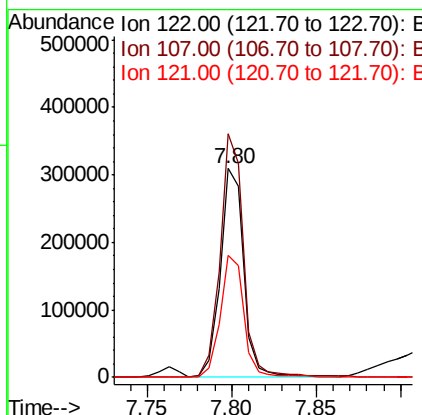
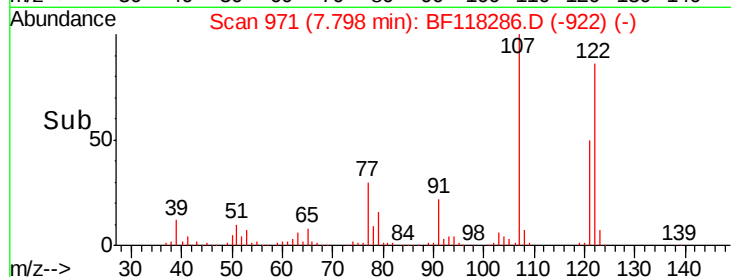
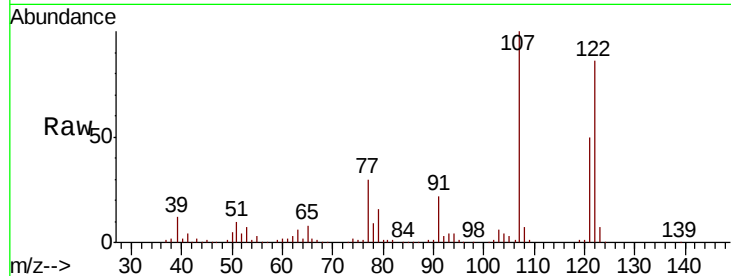
#27
2,4-Dimethylphenol
Concen: 55.124 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	298900		
107	116.5	92.9	139.3	
121	58.1	48.3	72.5	

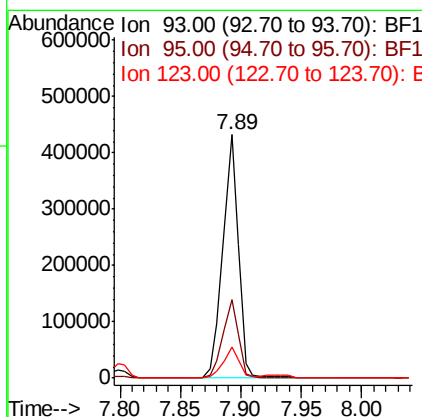
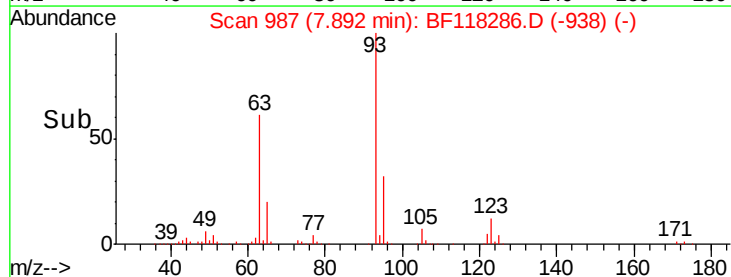
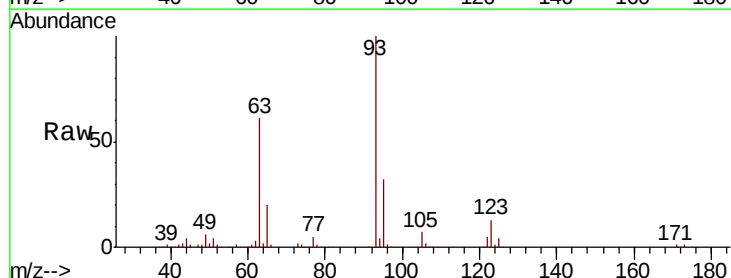
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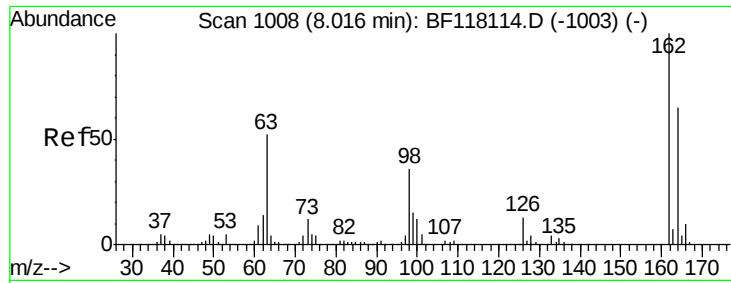
Sohil
12/20/2019 4:26:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.206 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	387630		
95	32.3	26.7	40.1	
123	12.6	10.0	15.0	





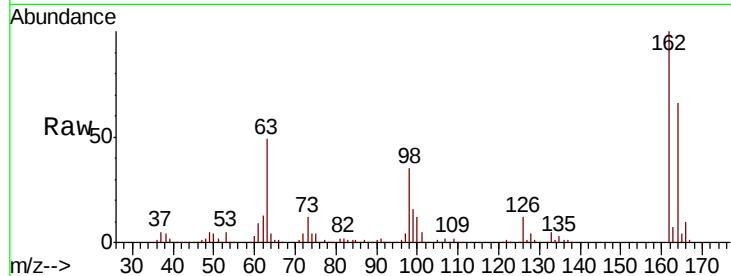
#29
2,4-Dichlorophenol
Concen: 47.300 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	298996		
164	65.9	45.2	85.2	
98	35.1	15.9	55.9	

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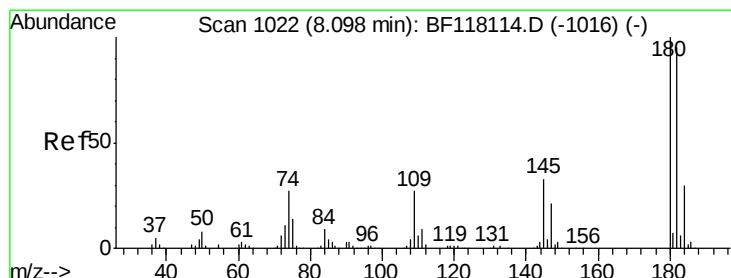
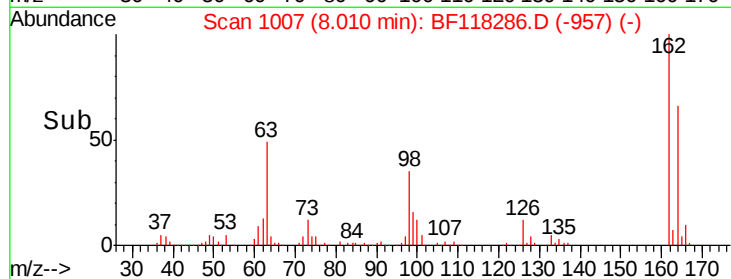
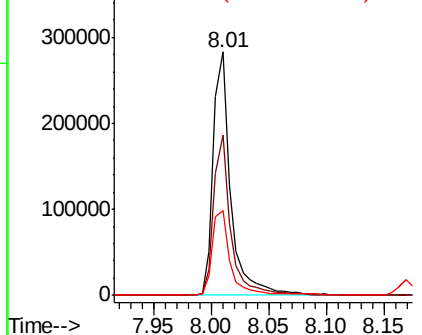


Abundance

Ion 162.00 (161.70 to 162.70): E

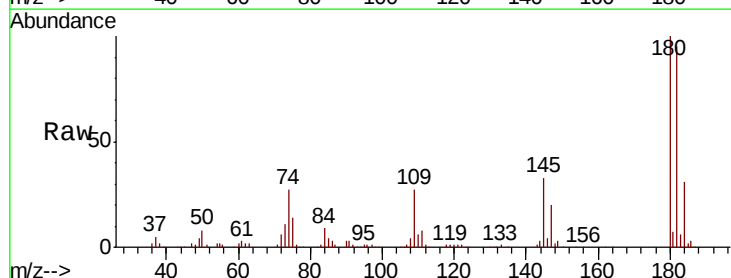
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.265 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	326997		
182	94.8	76.1	114.1	
145	32.5	26.1	39.1	

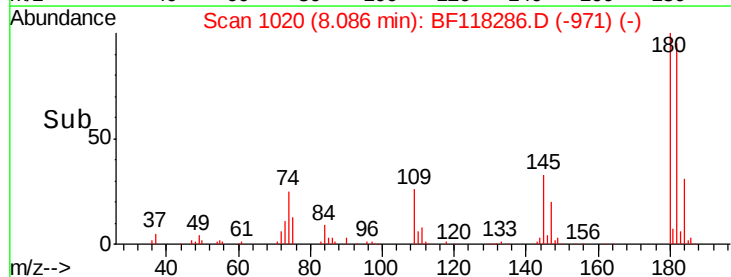
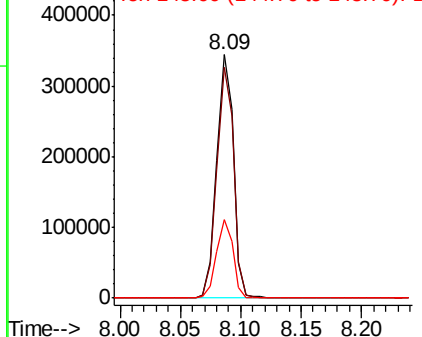


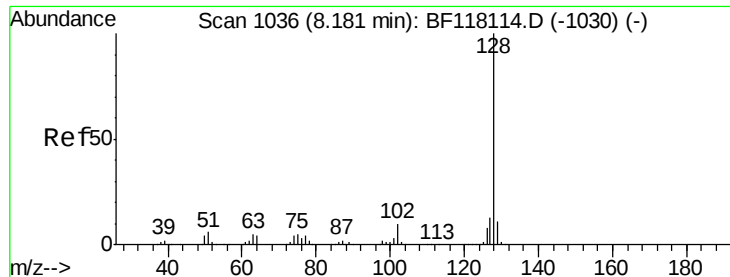
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





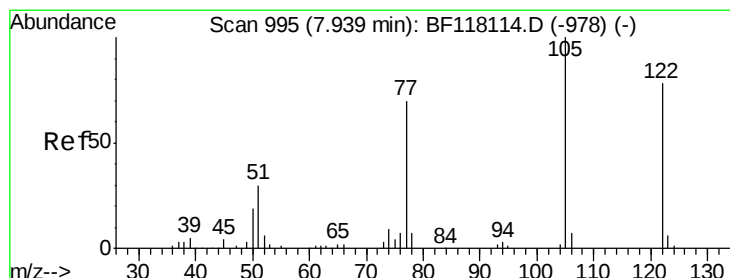
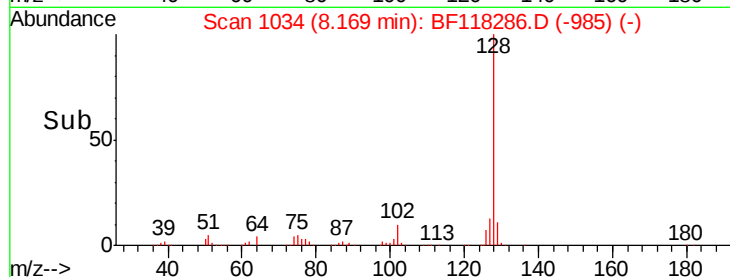
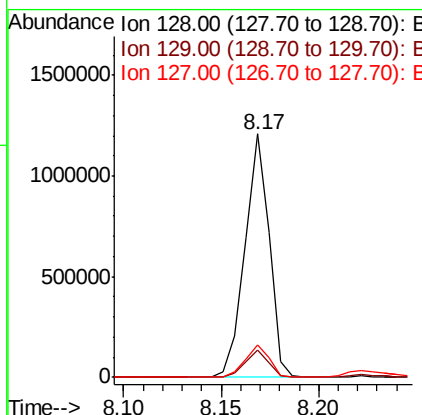
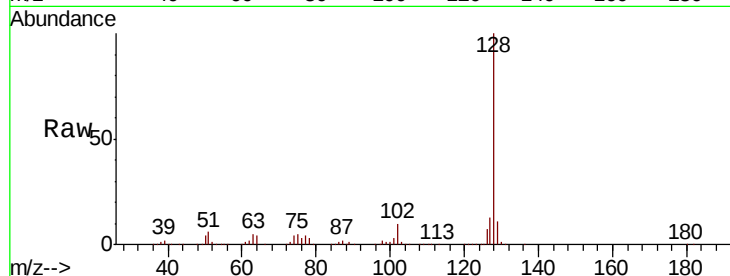
#31
Naphthalene
Concen: 47.749 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	10.6	16.0

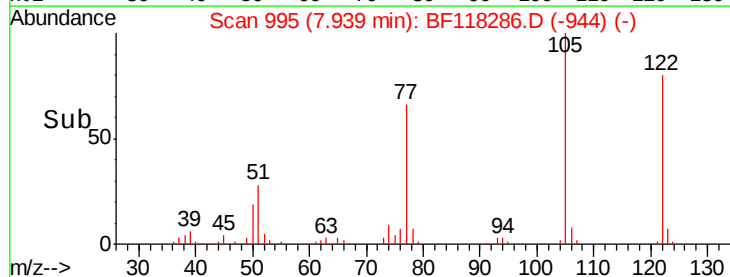
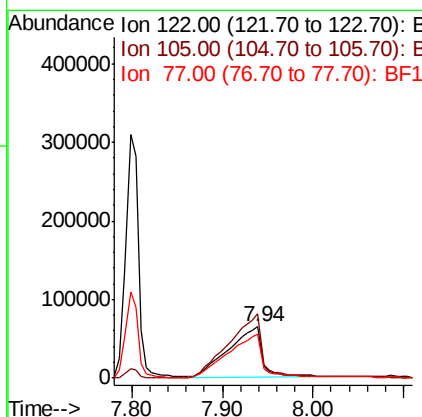
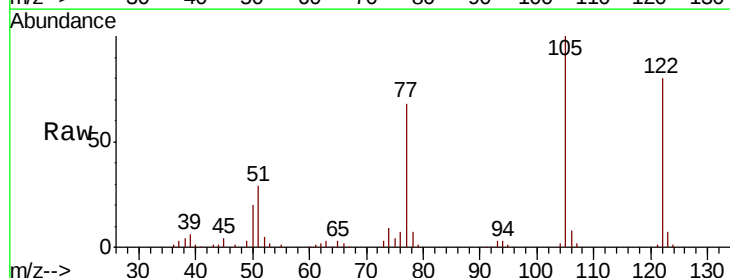
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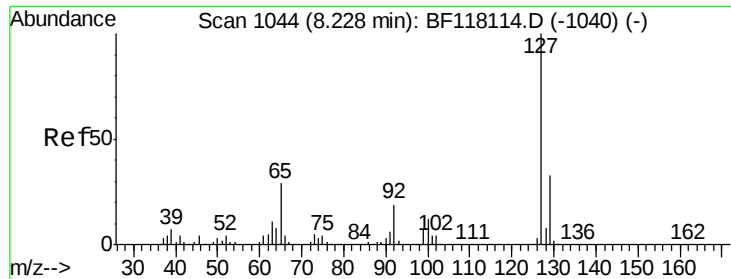
Sohil
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#32
Benzoic acid
Concen: 34.709 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	104.7	144.7
77	85.5	69.1	109.1





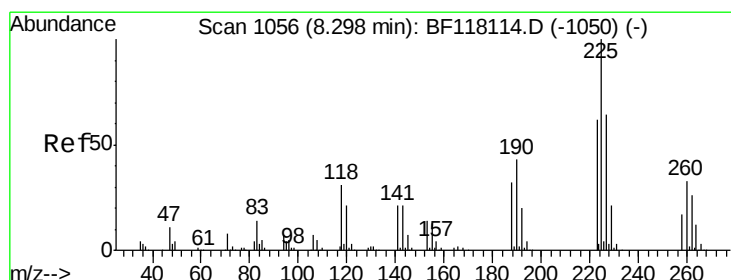
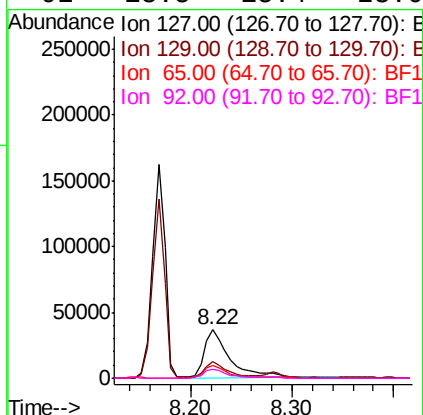
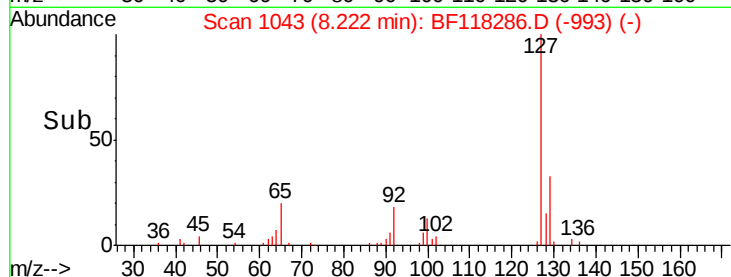
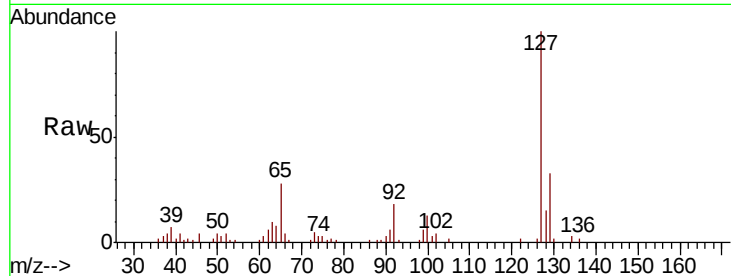
#33
4-Chloroaniline
Concen: 6.842 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64610		
129	33.3	26.6	40.0		
65	27.8	23.2	34.8		
92	18.5	15.4	23.0		

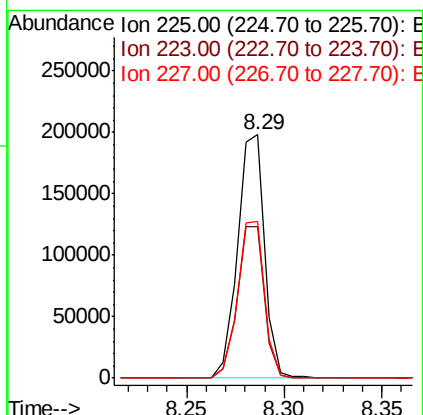
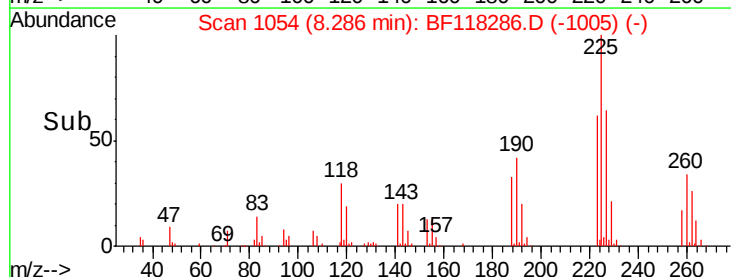
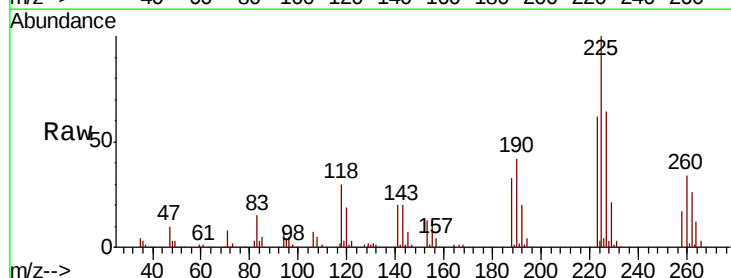
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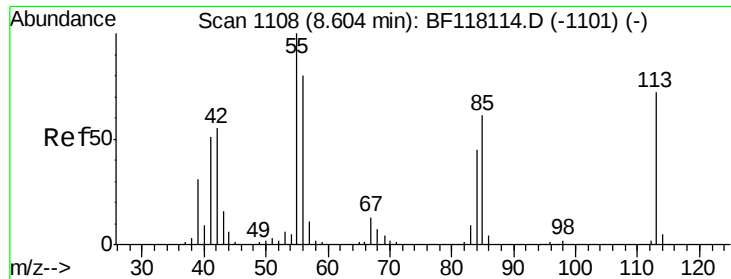
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#34
Hexachlorobutadiene
Concen: 42.712 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		189204		
223	62.4	49.6	74.4		
227	64.3	51.0	76.6		





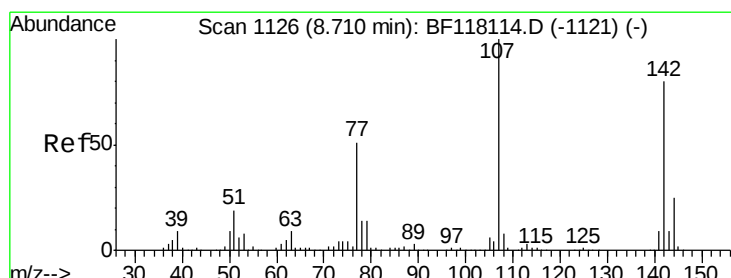
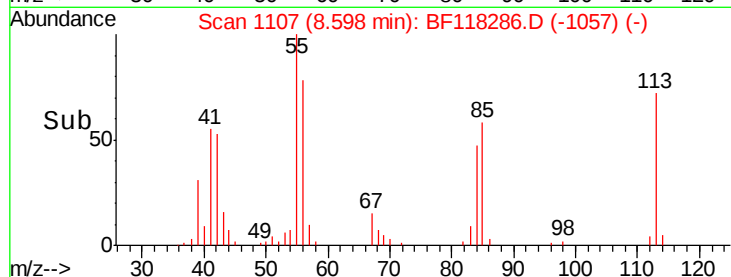
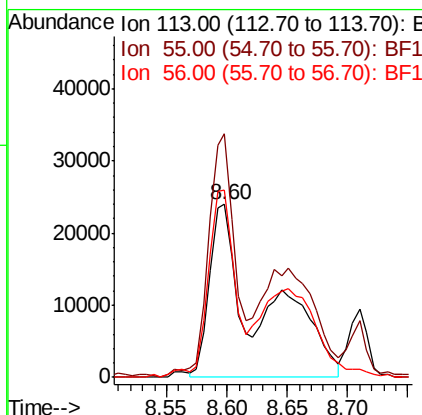
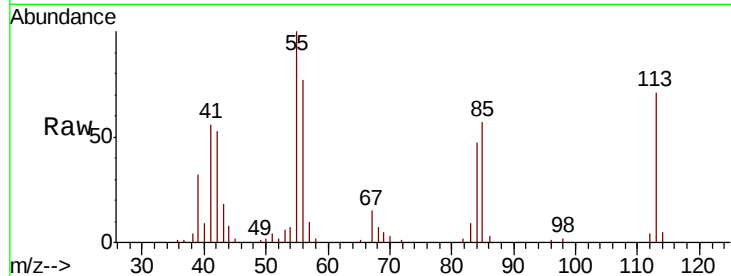
#35
Caprolactam
Concen: 36.576 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	140.7	118.9	158.9	
56	108.3	91.4	131.4	

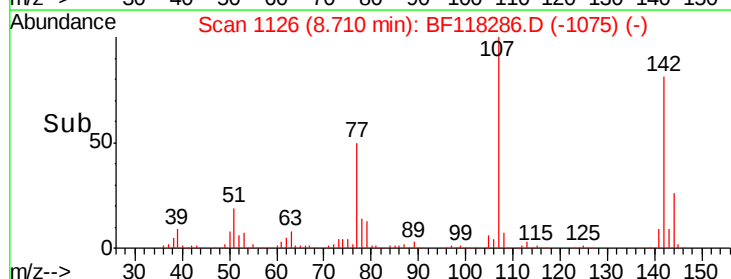
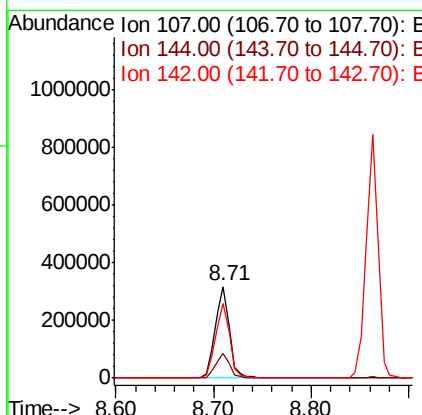
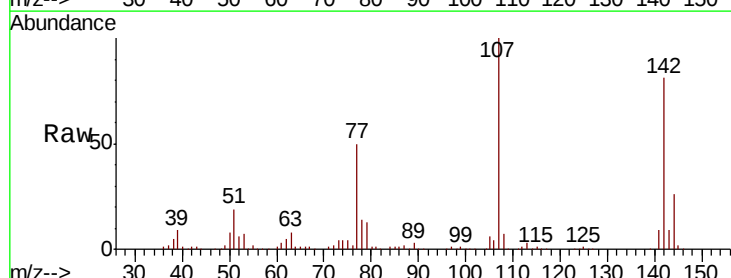
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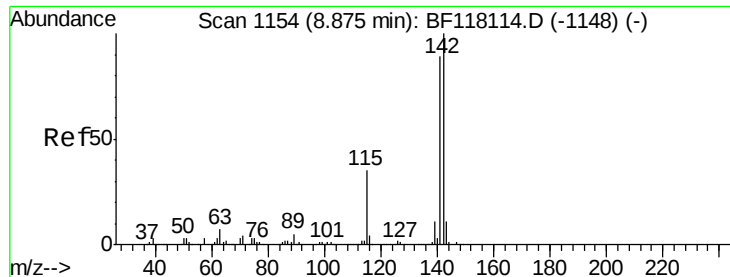
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#36
4-Chloro-3-methylphenol
Concen: 48.310 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.5	20.3	30.5	
142	81.5	63.7	95.5	





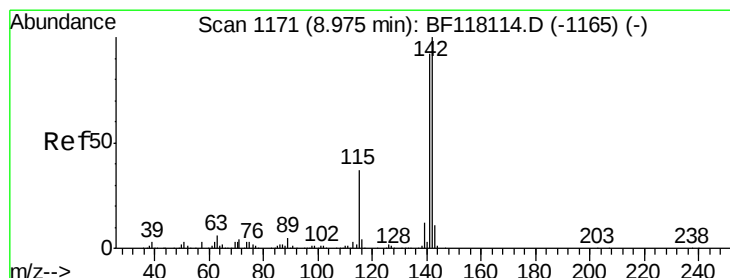
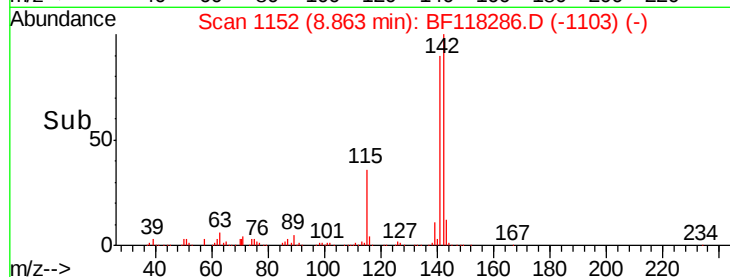
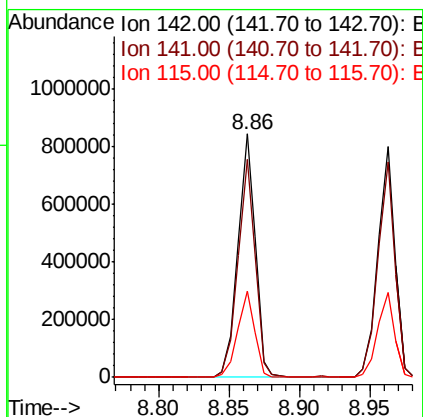
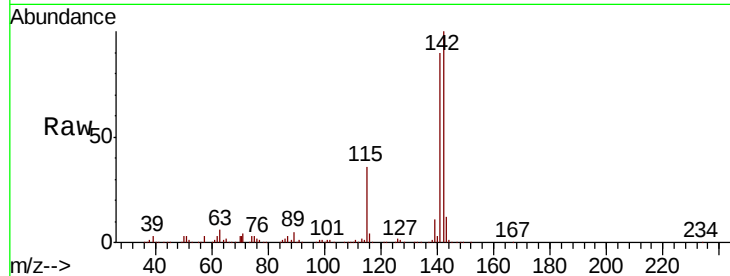
#37
 2-Methylnaphthalene
 Concen: 49.123 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0
115	35.5	28.2	42.4

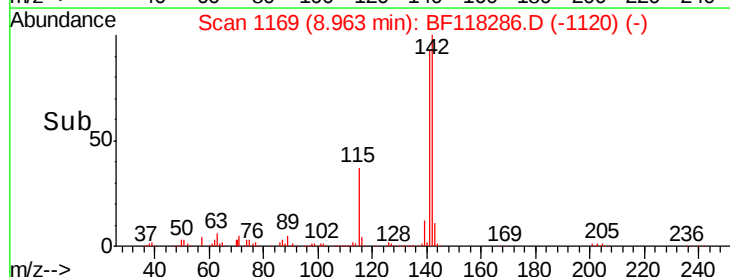
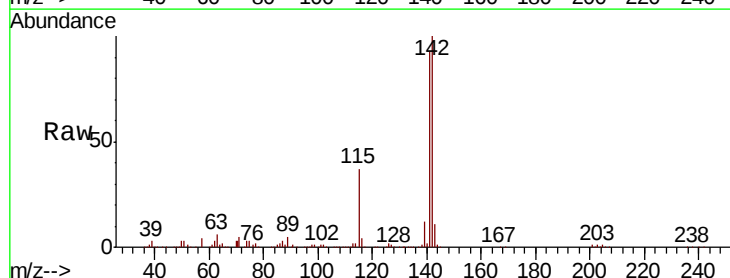
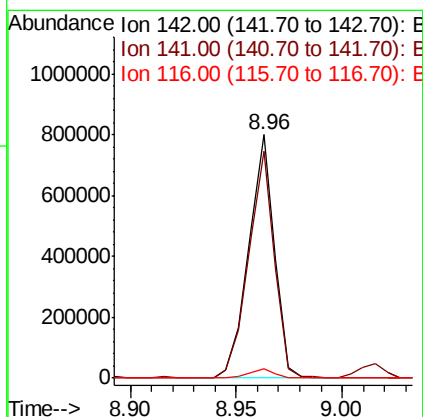
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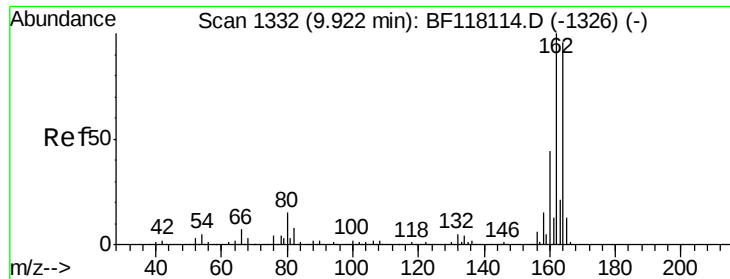
Sohil
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#38
 1-Methylnaphthalene
 Concen: 48.734 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.0	111.0
116	3.8	3.2	4.8





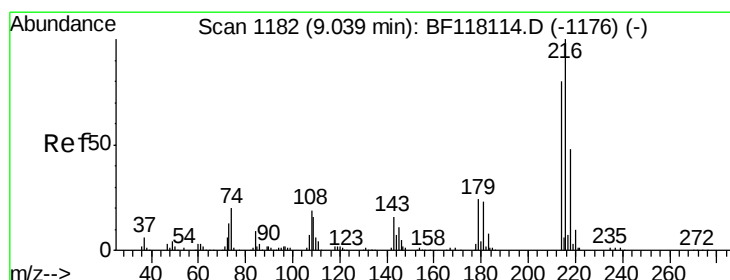
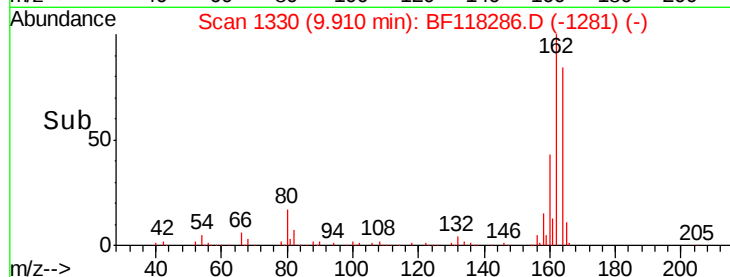
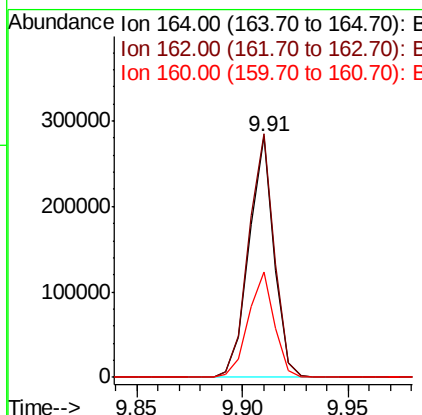
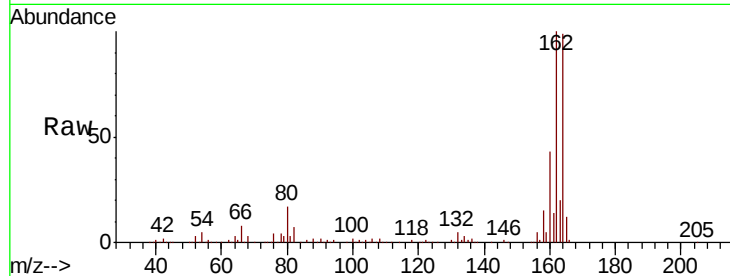
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.4	125.0
160	43.8	36.6	54.8

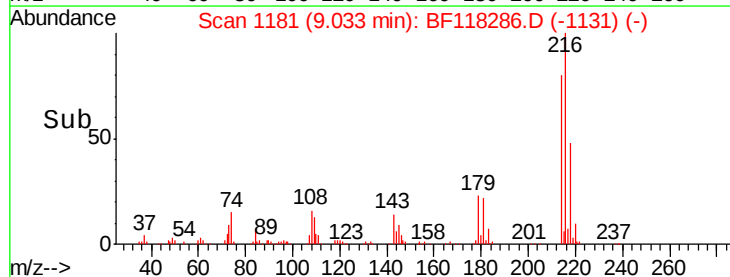
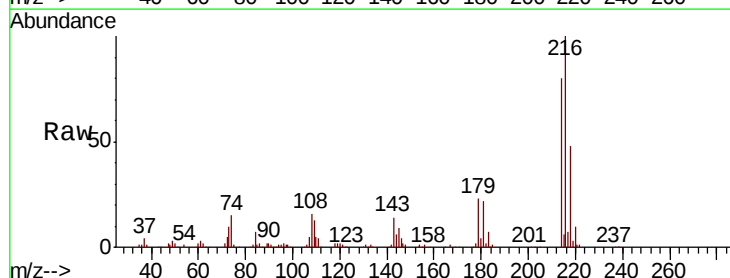
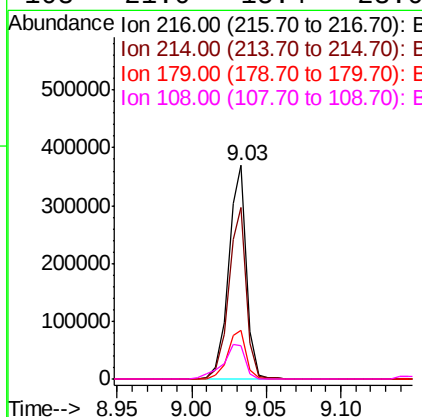
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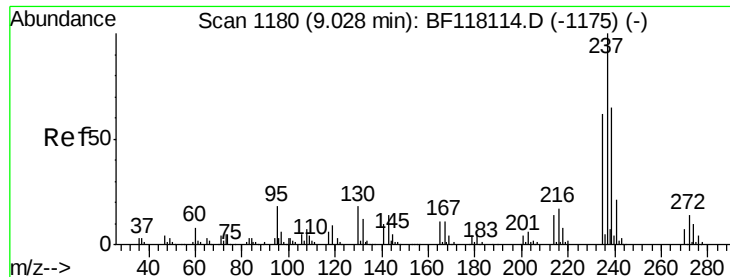
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.456 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	23.5	18.6	27.8
108	21.0	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 96.579 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

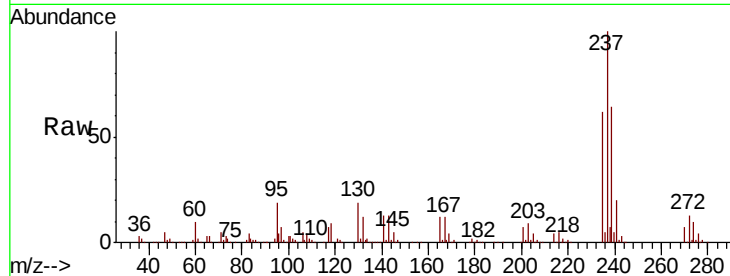
ClientSampleId :

178K-WC1MS

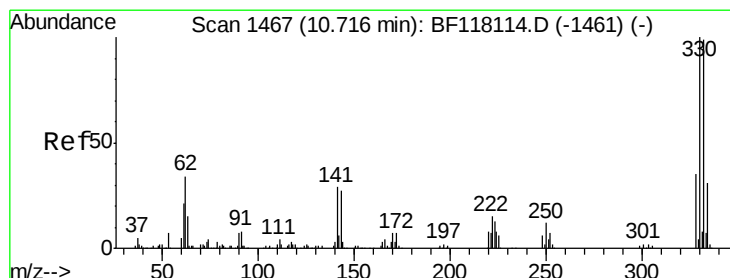
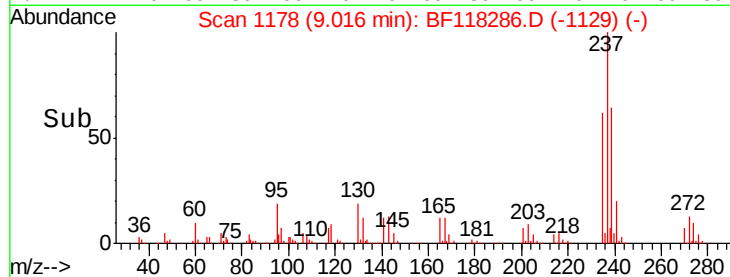
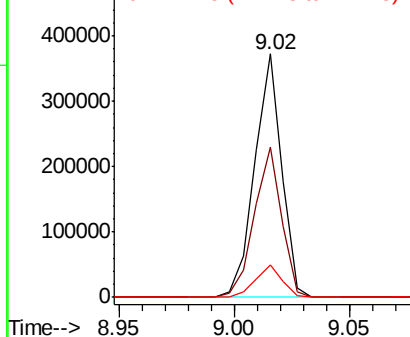
Tot Ion:	237	Resp:	304758
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.5	81.5
272	13.1	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 150.196 ng

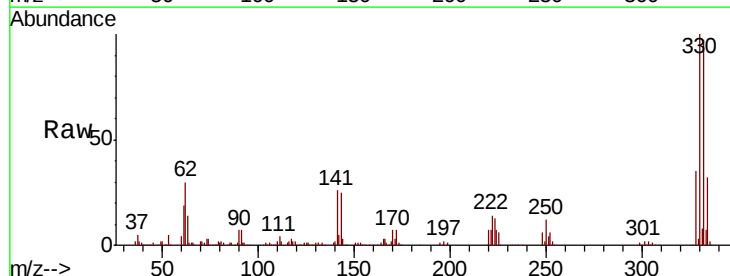
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

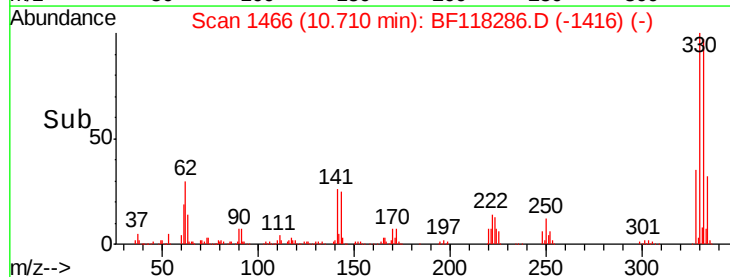
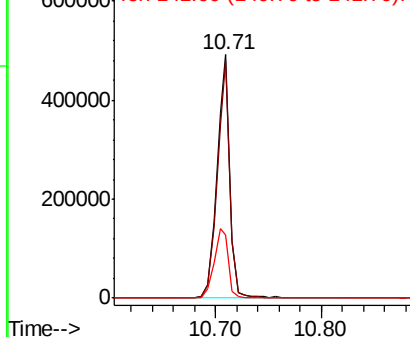
Lab File: BF118286.D

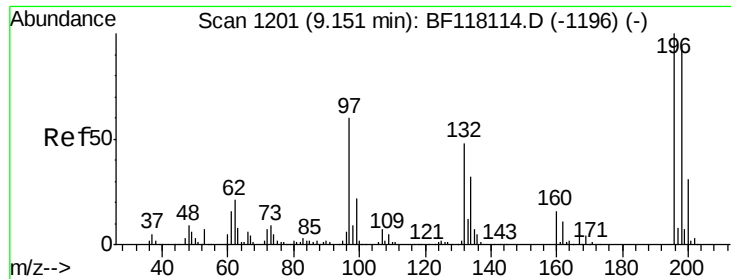
Acq: 19 Dec 2019 18:29

Tgt Ion:	330	Resp:	424195
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.1	117.1
141	32.1	26.9	40.3



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





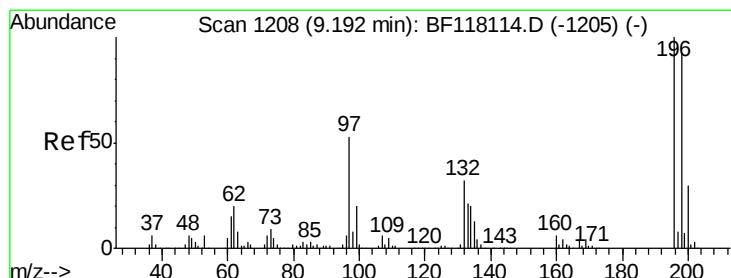
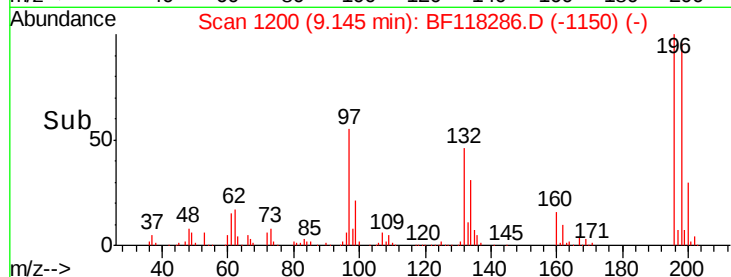
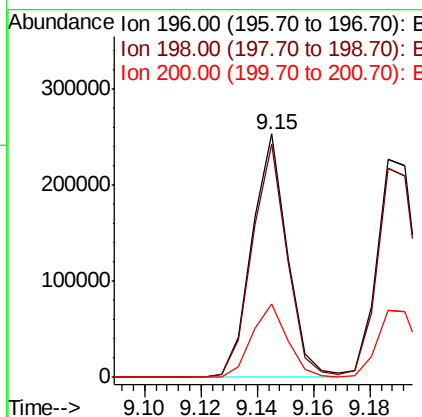
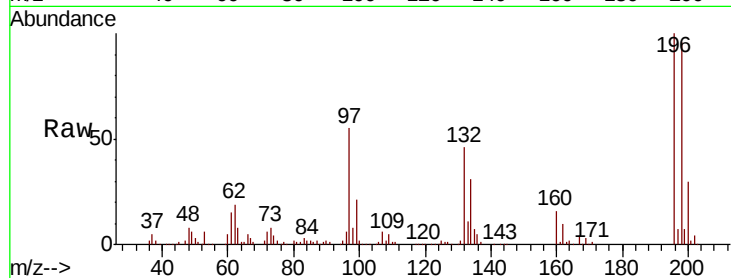
#43
 2,4,6-Trichlorophenol
 Concen: 46.719 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219692		
198	96.0	75.0	112.4	
200	29.9	24.5	36.7	

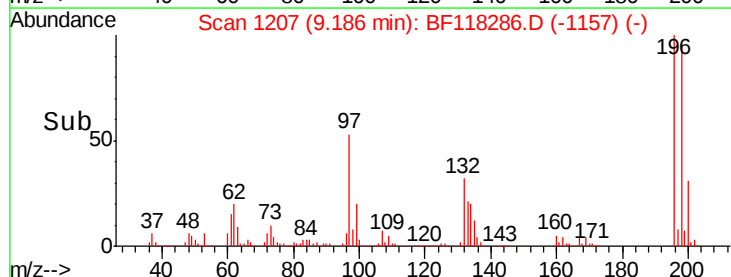
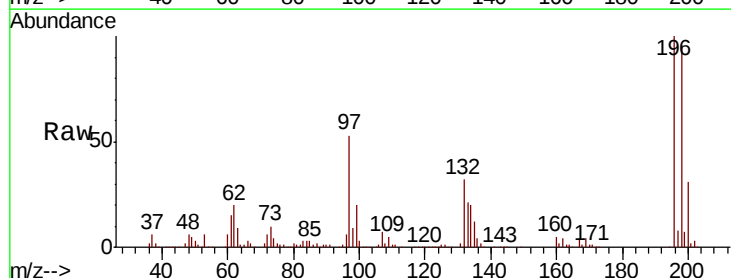
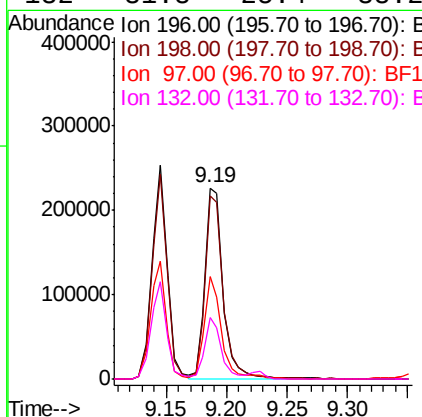
Manual Integrations
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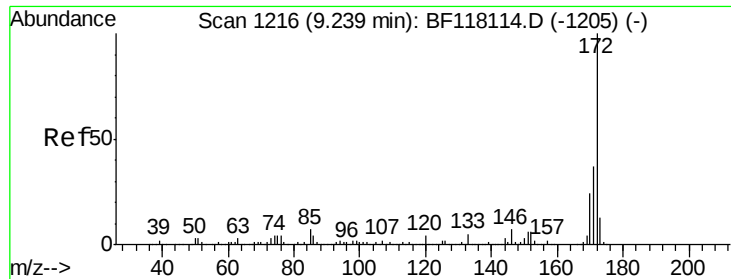
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 48.373 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235667		
198	95.8	74.2	111.4	
97	53.4	42.5	63.7	
132	31.8	25.4	38.2	





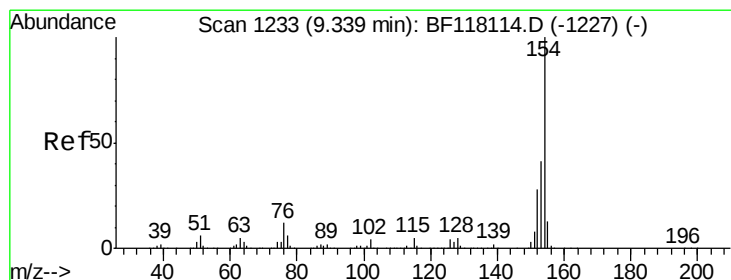
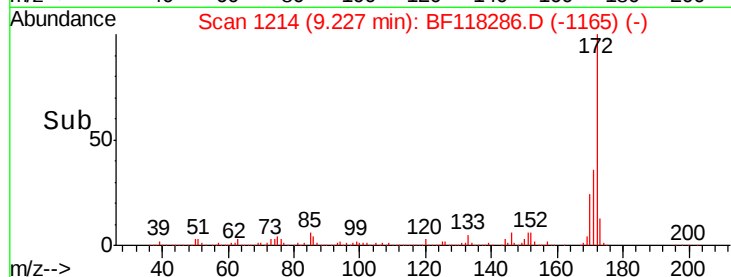
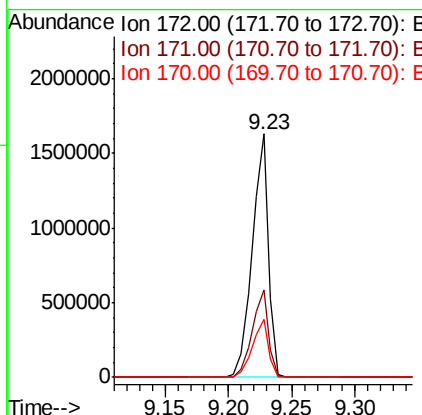
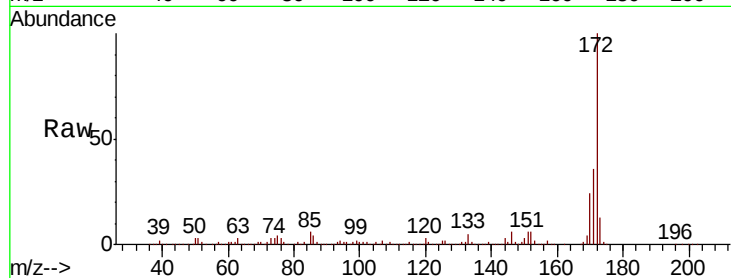
#45
2-Fluorobiphenyl
Concen: 95.422 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.1	29.2	43.8	
170	23.9	19.4	29.2	

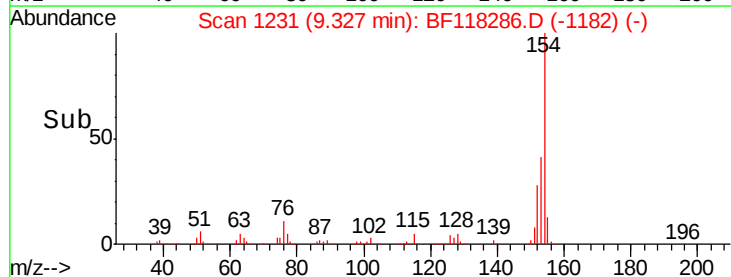
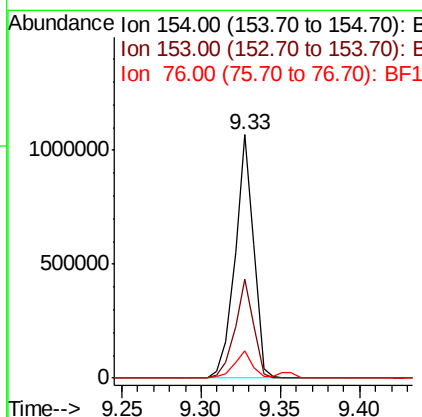
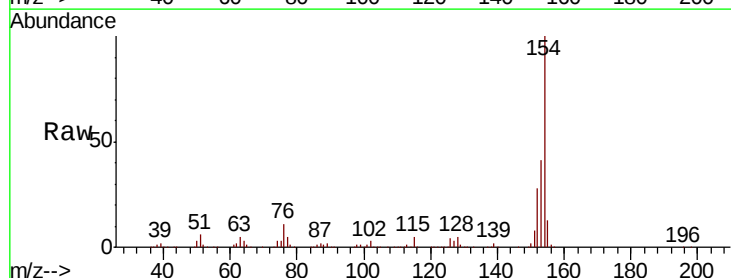
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#46
1,1'-Biphenyl
Concen: 47.289 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.6	20.7	60.7	
76	11.3	0.0	31.9	





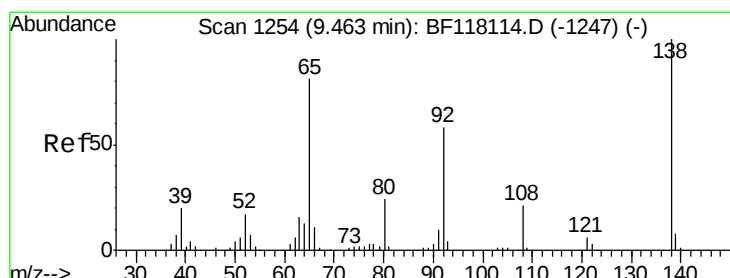
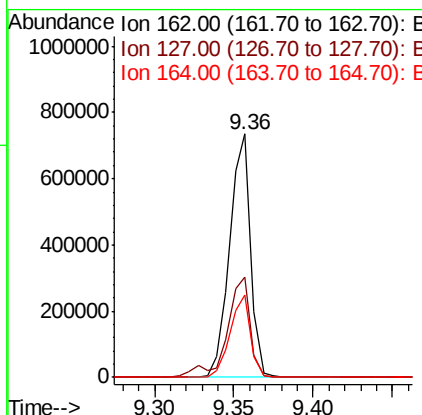
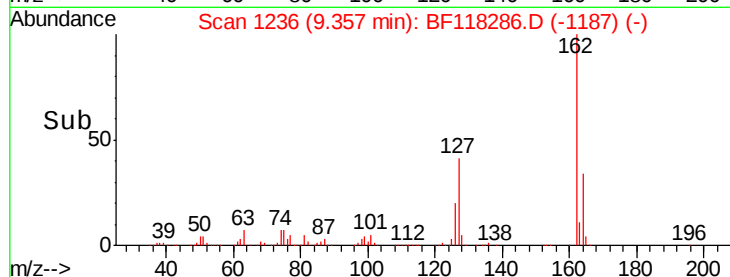
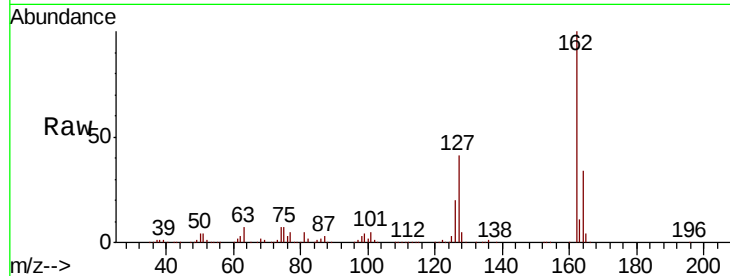
#47
 2-Chloronaphthalene
 Concen: 45.607 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

Tot Ion:	162	Resp:	672678
Ion Ratio	Lower	Upper	
162	100		
127	41.4	32.0	48.0
164	33.7	26.1	39.1

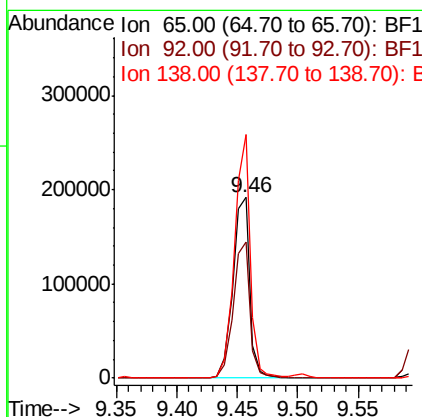
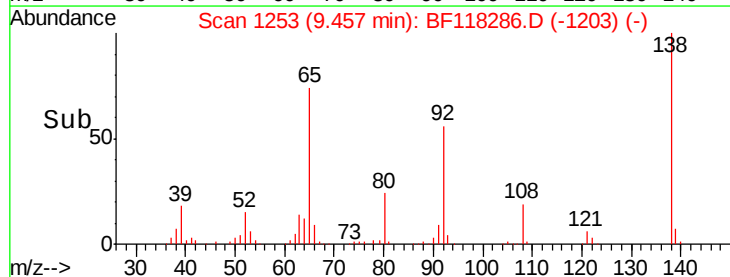
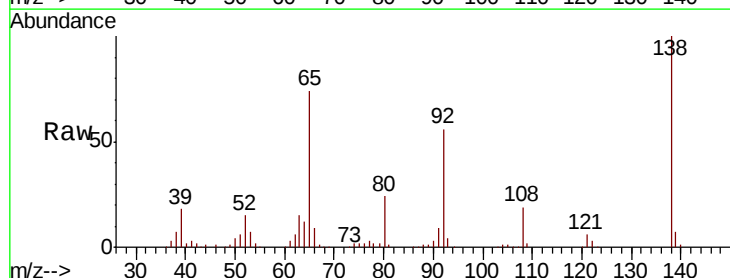
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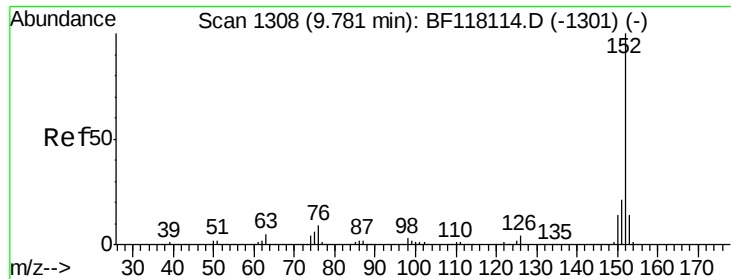
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#48
 2-Nitroaniline
 Concen: 44.915 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:	65	Resp:	188919
Ion Ratio	Lower	Upper	
65	100		
92	75.1	57.8	86.6
138	134.8	98.8	148.2





#49

Acenaphthylene

Concen: 48.988 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

178K-WC1MS

Tot Ion:152 Resp: 1065705

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

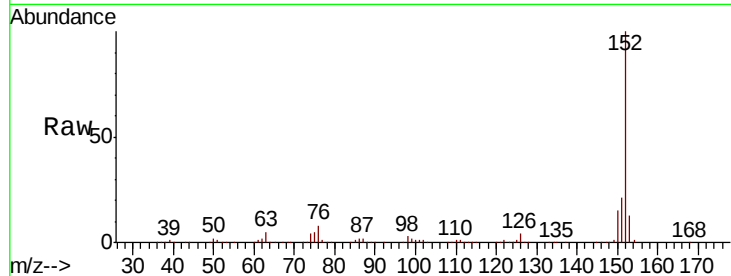
153 13.0 10.8 16.2

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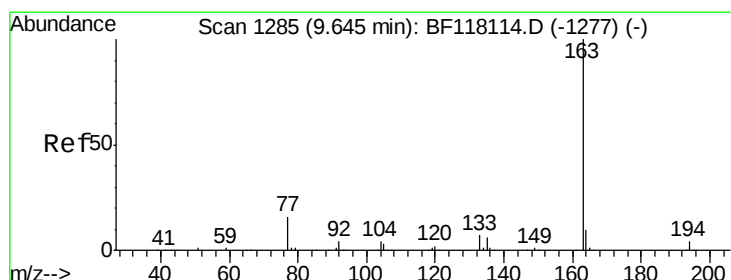
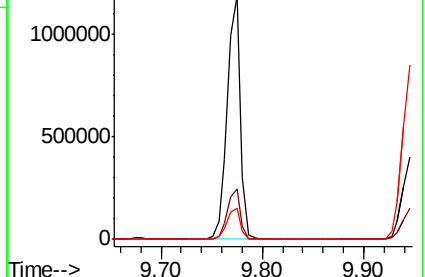
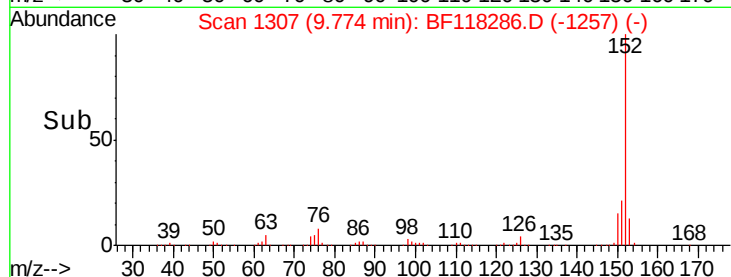
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.493 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

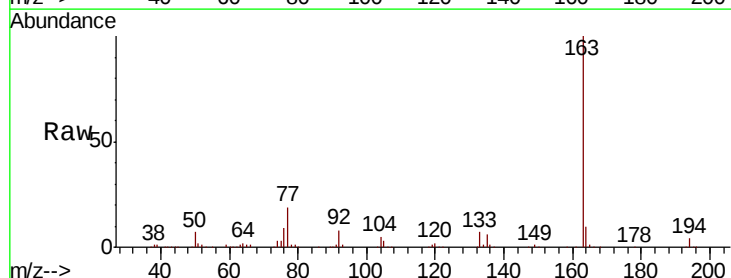
Tgt Ion:163 Resp: 815573

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

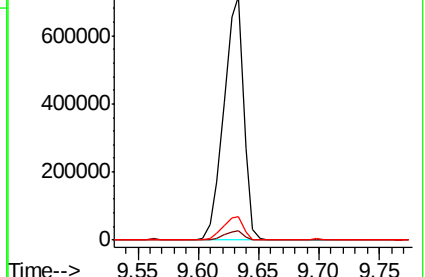
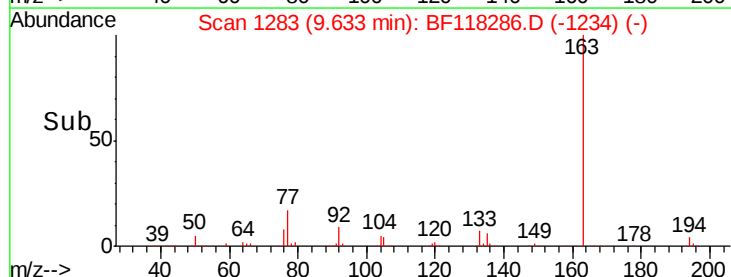
164 9.9 7.7 11.5

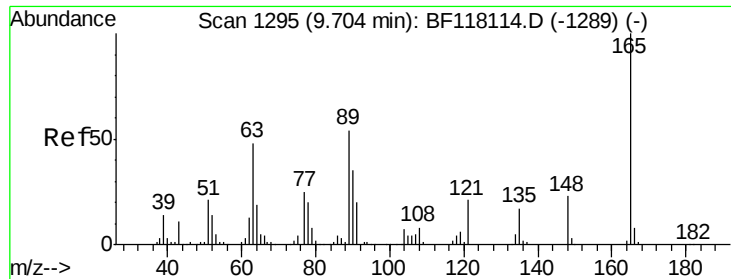


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





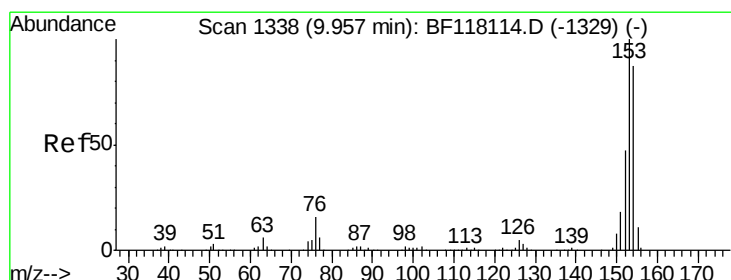
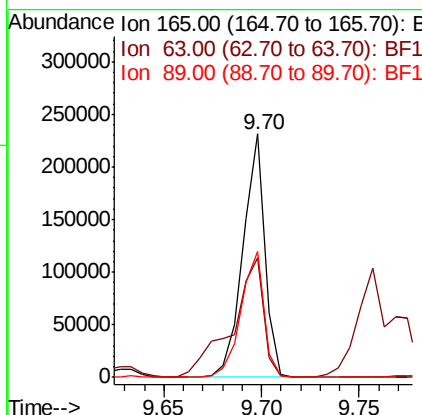
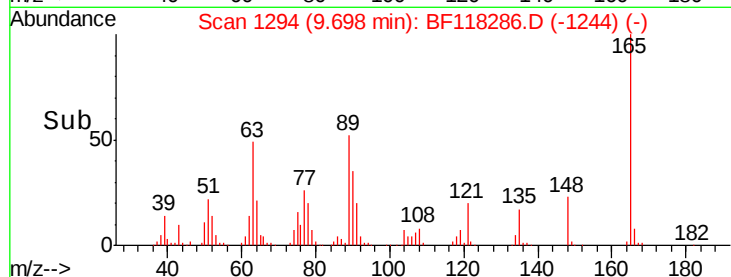
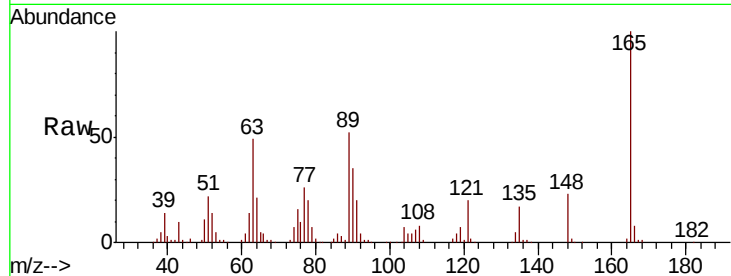
#51
2,6-Dinitrotoluene
Concen: 48.429 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.1	41.4	62.0
89	51.5	42.9	64.3

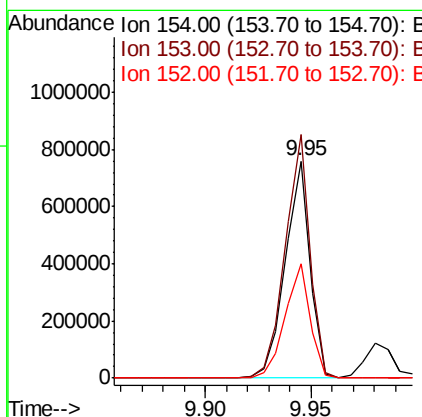
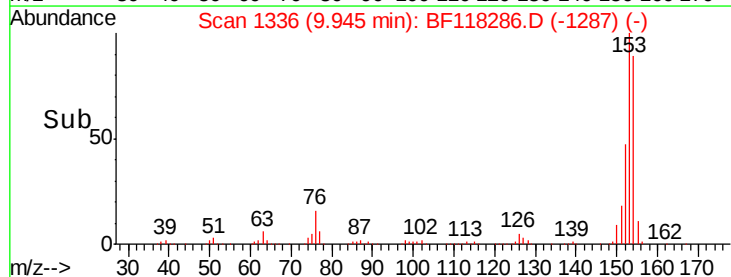
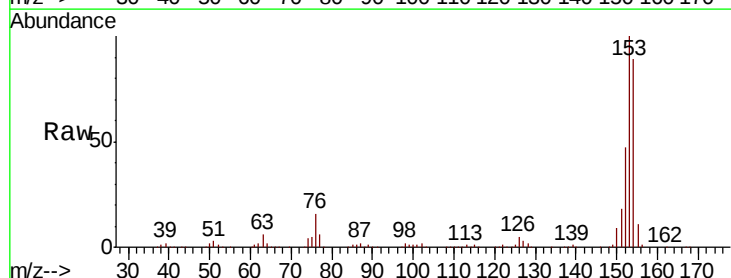
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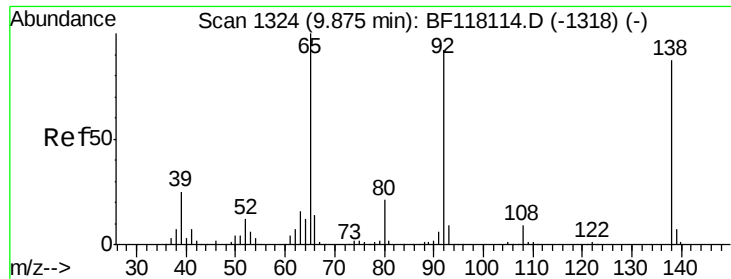
Sohil
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#52
Acenaphthene
Concen: 46.847 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.3	91.8	137.6
152	52.8	43.3	64.9





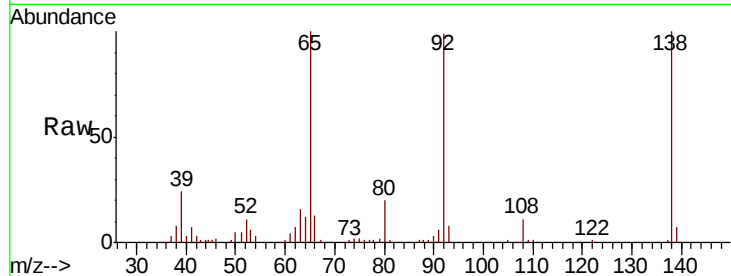
#53
3-Nitroaniline
Concen: 16.351 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.2	12.4
92	99.1	84.9	127.3

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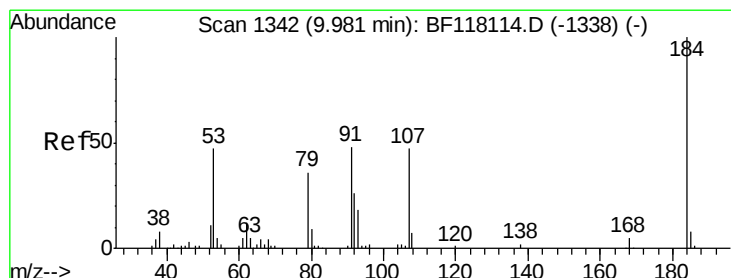
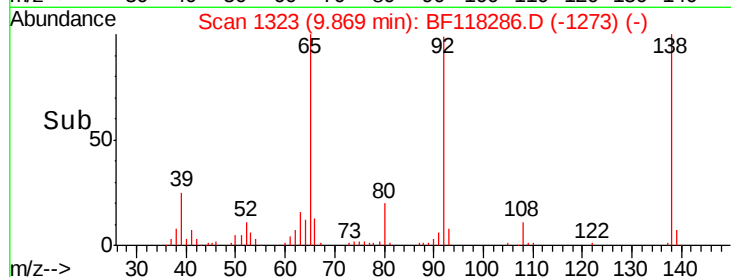
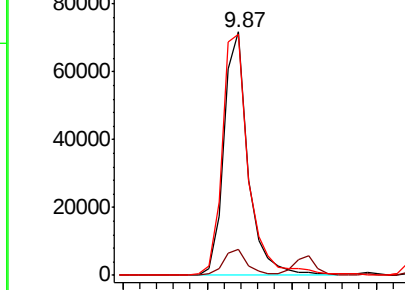


Abundance

Ion 138.00 (137.70 to 138.70): E

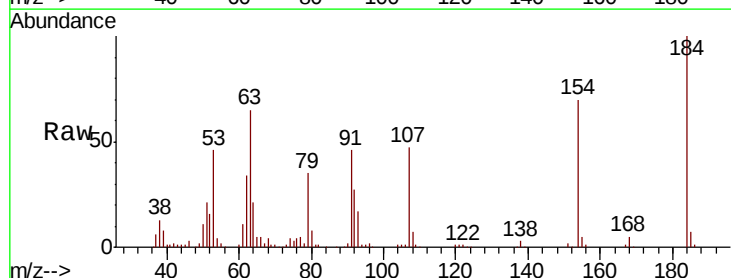
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 95.376 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.6	53.9	80.9
154	70.1	56.3	84.5

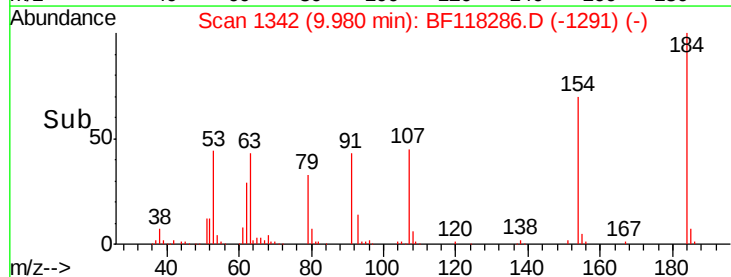
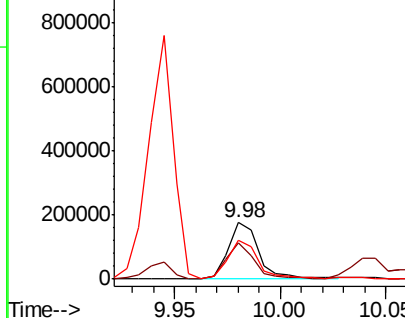


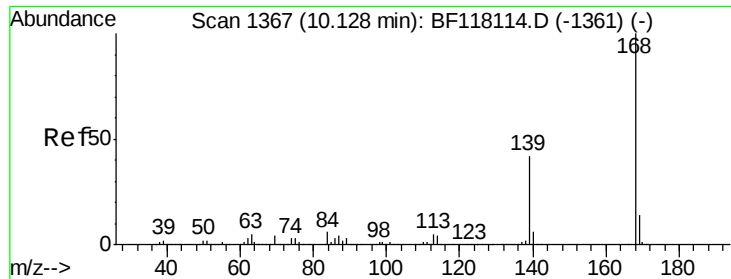
Abundance

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: 48.923 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

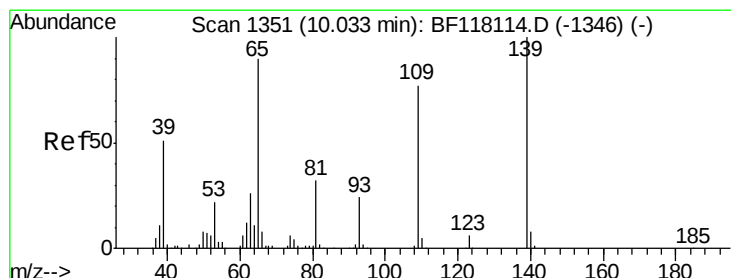
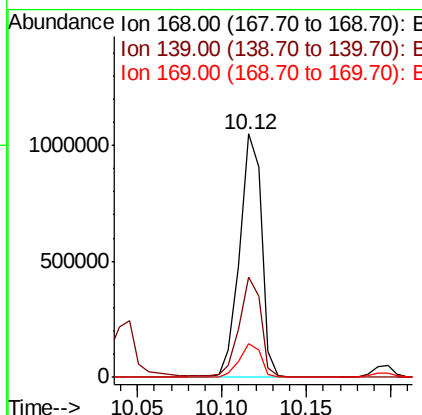
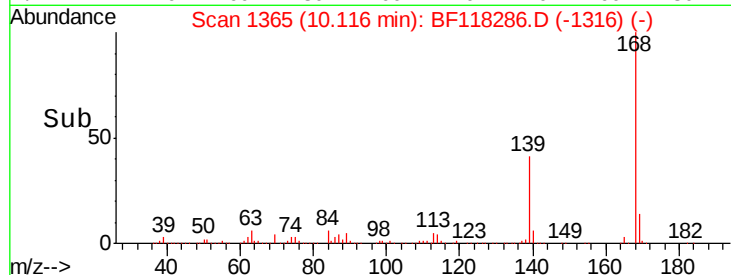
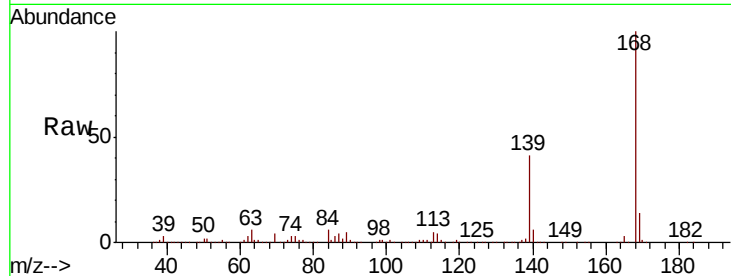
ClientSampleId :

178K-WC1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.4	50.0
169	13.8	11.0	16.6

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#56

4-Nitrophenol

Concen: 85.393 ng

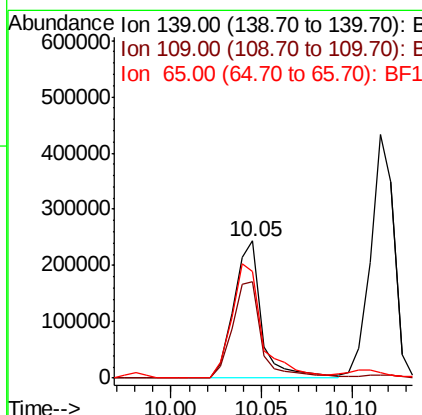
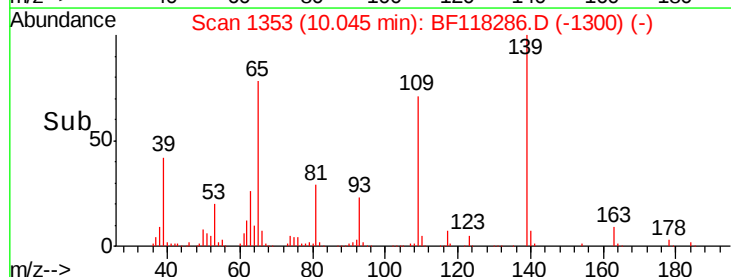
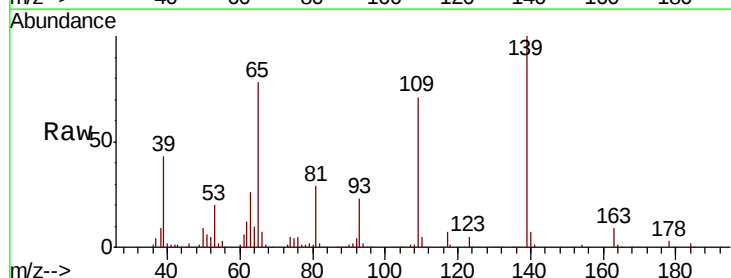
RT: 10.05 min Scan# 1353

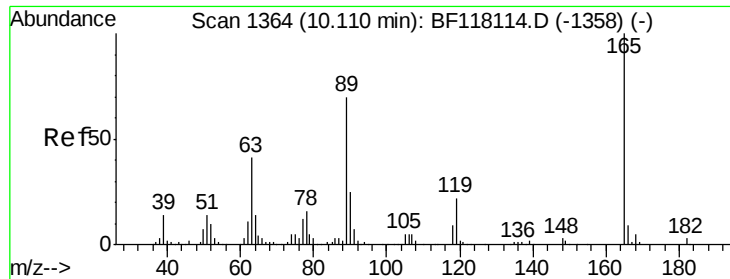
Delta R.T. 0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	57.3	97.3
65	78.1	70.2	110.2





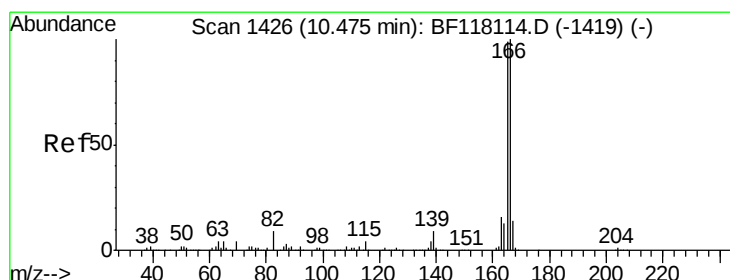
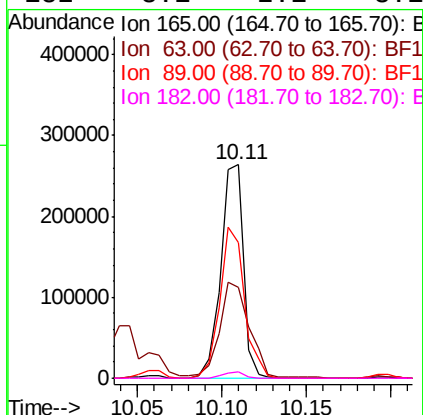
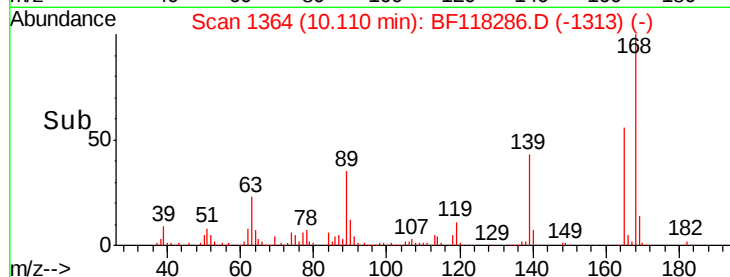
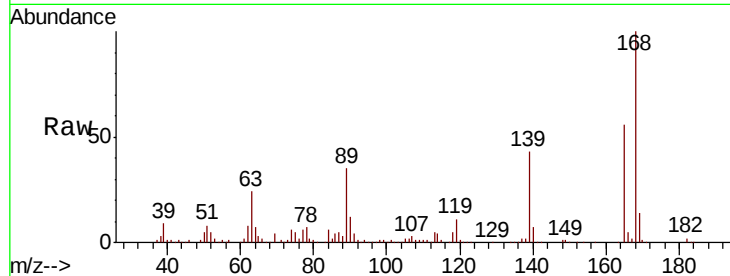
#57
2,4-Dinitrotoluene
Concen: 49.557 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	246989		
63	42.4		32.6	49.0
89	63.4		56.1	84.1
182	3.1		2.1	3.1

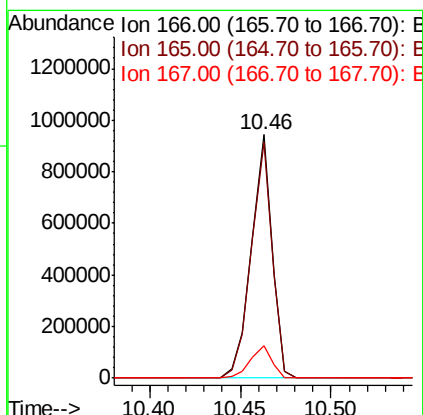
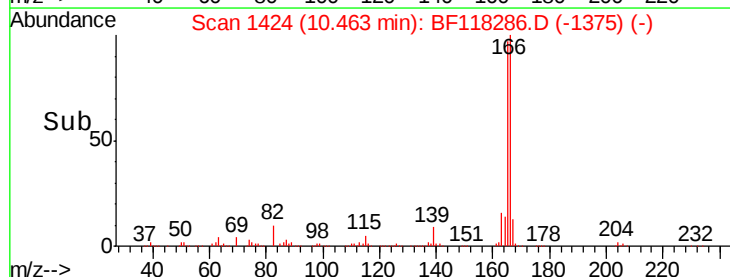
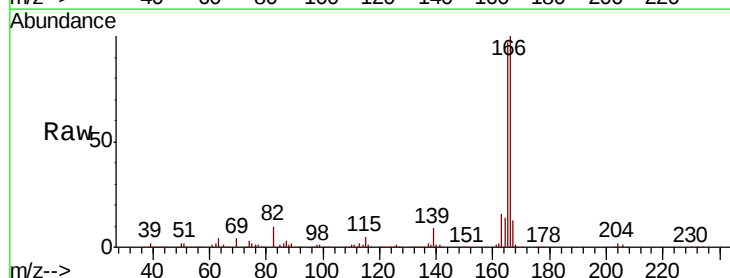
Manual Integrations
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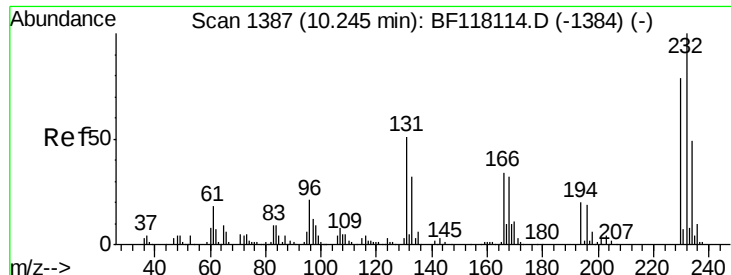
Sohil
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#58
Fluorene
Concen: 48.912 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	756275		
165	97.2		79.0	118.4
167	13.2		10.9	16.3





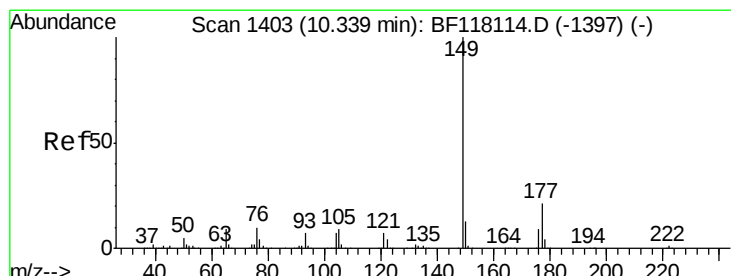
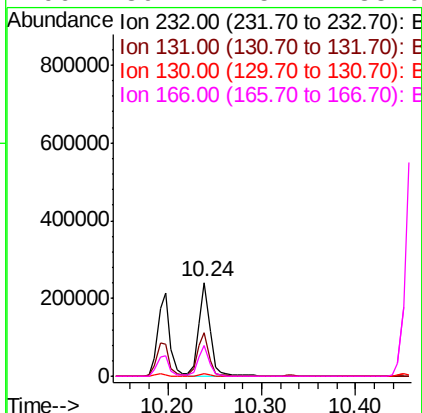
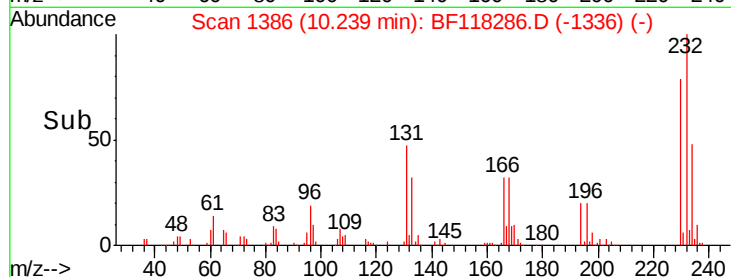
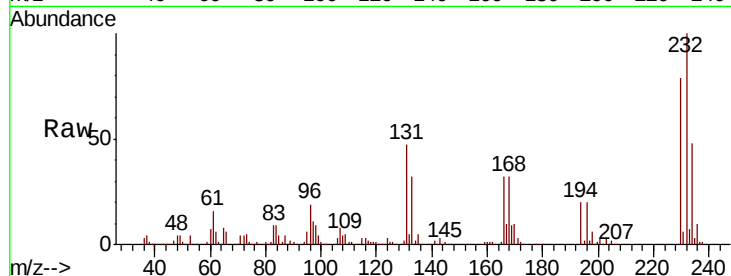
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.661 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	203625		
131	46.9		38.8	58.2
130	2.1		1.9	2.9
166	30.7		25.4	38.0

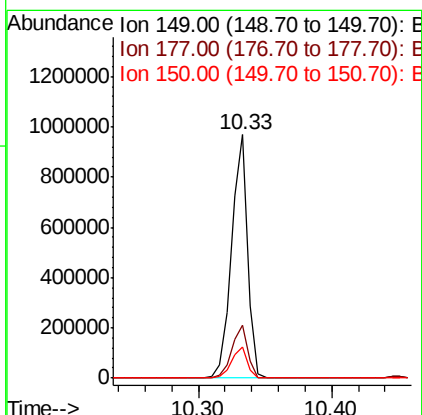
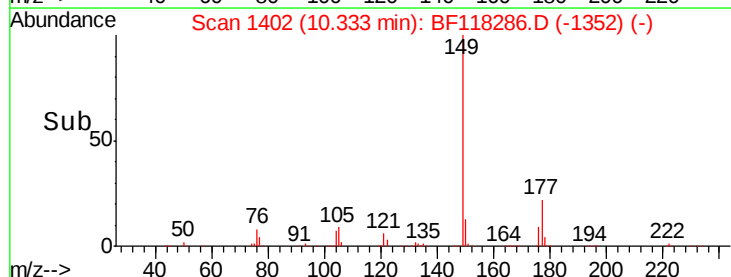
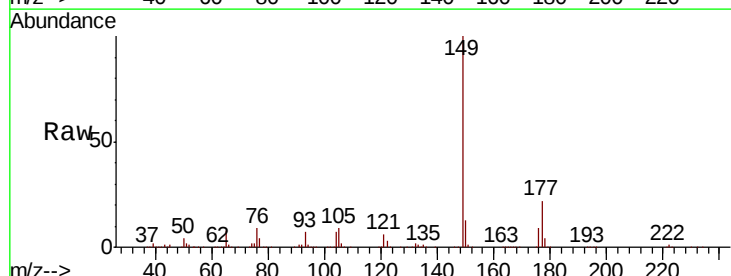
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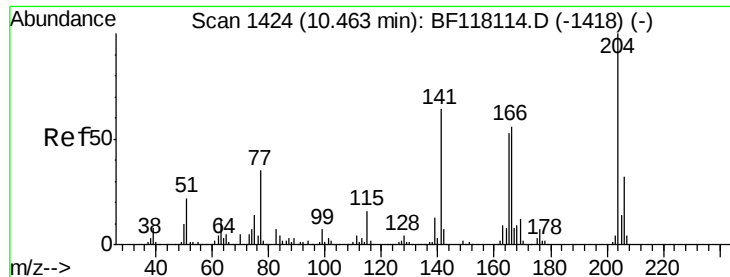
Sohil
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#60
Diethylphthalate
Concen: 48.495 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	820497		
177	21.7		17.0	25.4
150	12.5		10.1	15.1





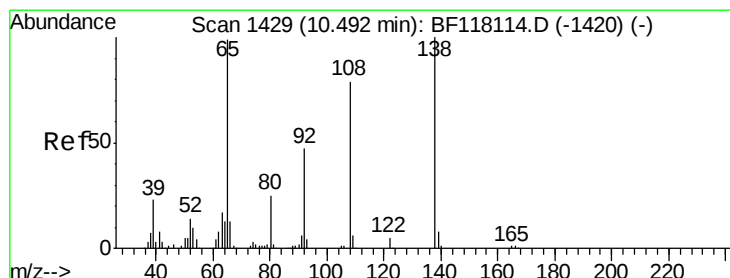
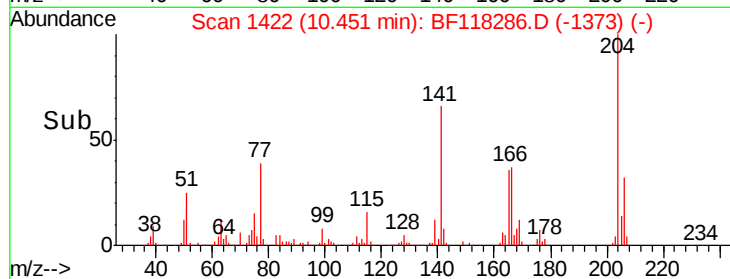
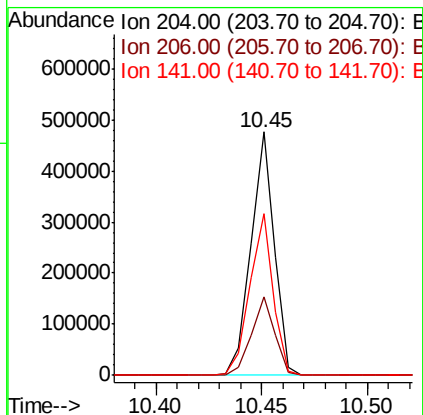
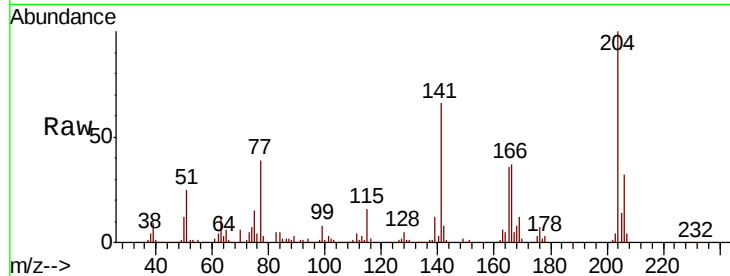
#61
 4-Chlorophenyl-phenylether
 Concen: 47.174 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

Tot Ion:	204	Resp:	366998
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.0	39.0
141	66.4	51.0	76.6

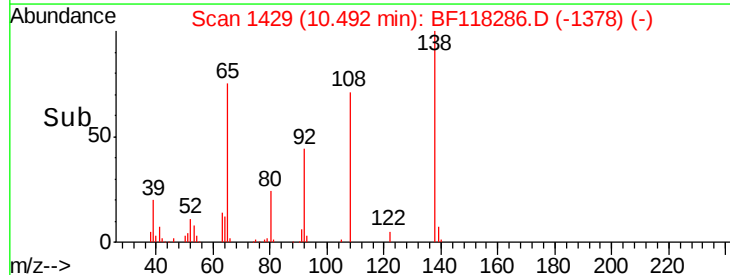
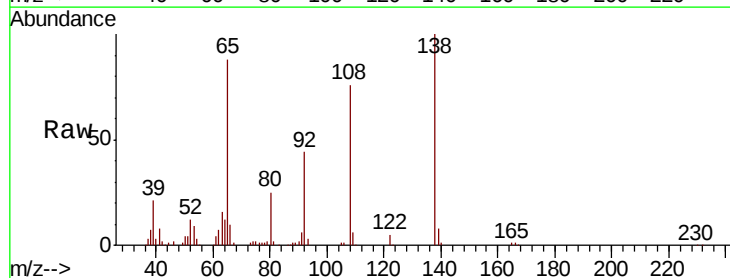
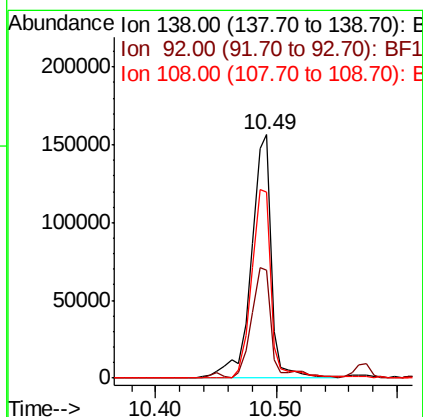
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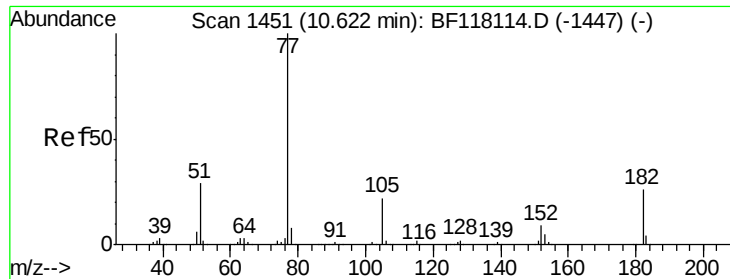
Sohil
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#62
 4-Nitroaniline
 Concen: 39.975 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:	138	Resp:	183213
Ion Ratio	Lower	Upper	
138	100		
92	44.3	27.1	67.1
108	76.1	59.0	99.0





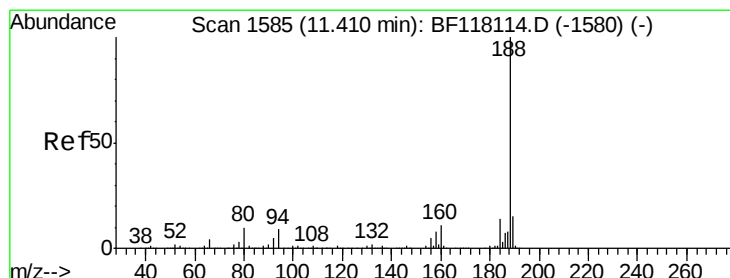
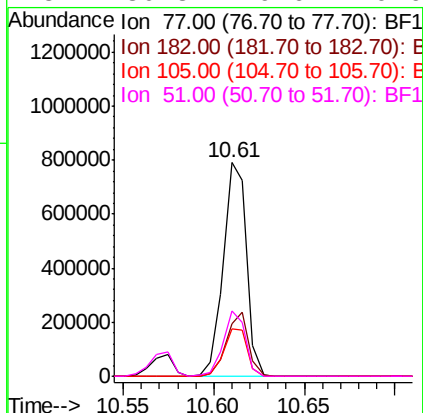
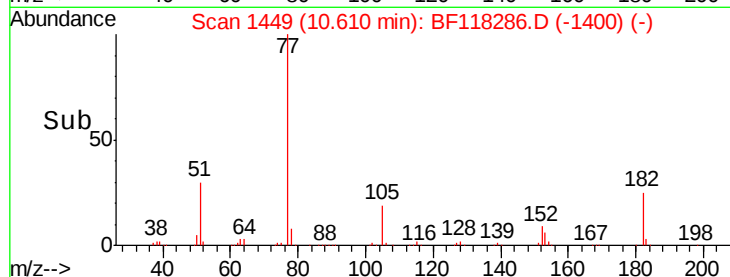
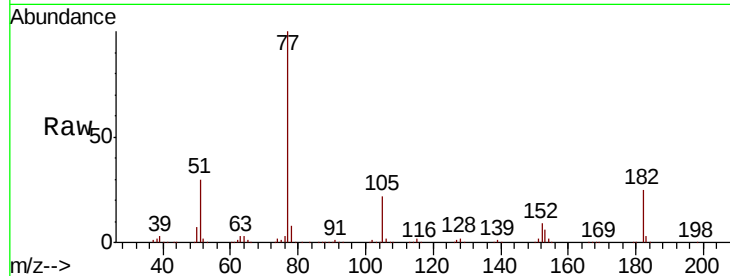
#63
Azobenzene
Concen: 48.748 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	5.7	45.7	
105	22.1	2.2	42.2	
51	30.3	9.6	49.6	

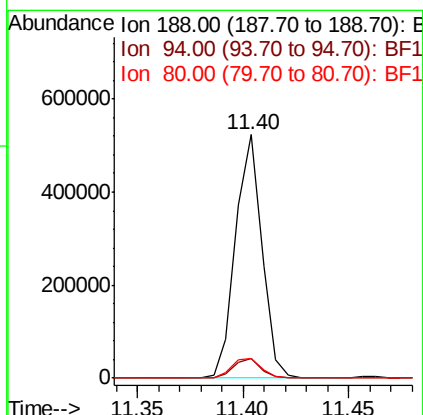
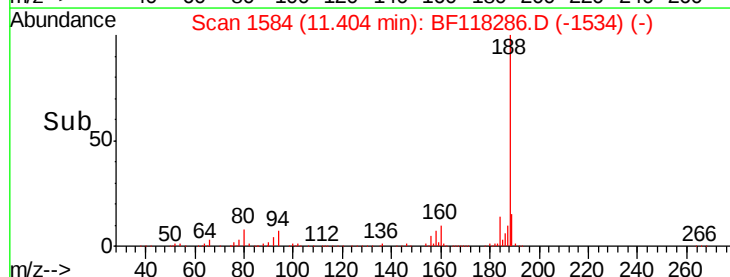
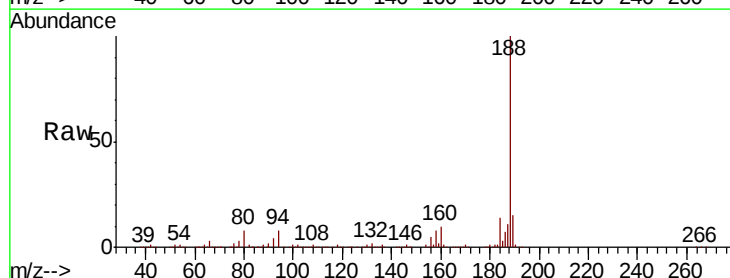
Manual Integrations
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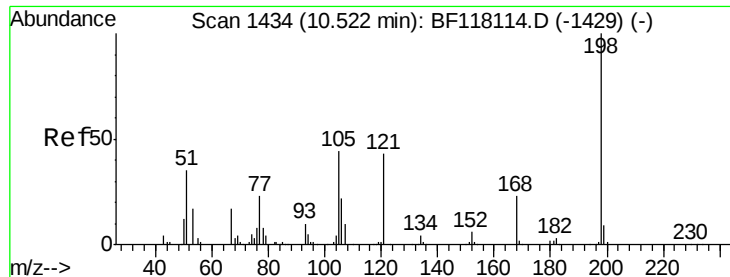
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.1	10.7	
80	8.1	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 50.455 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

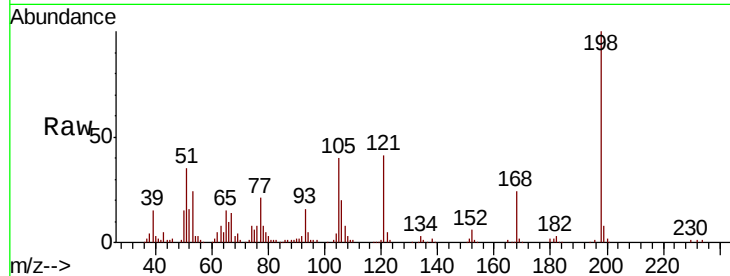
ClientSampleId :

178K-WC1MS

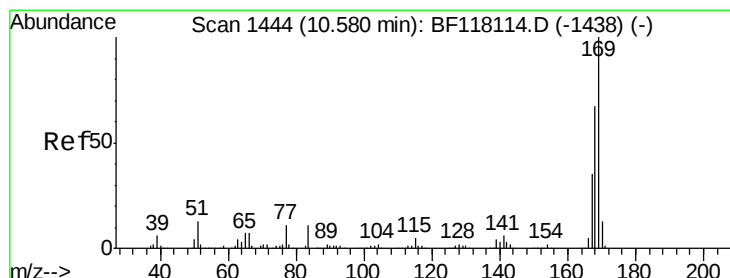
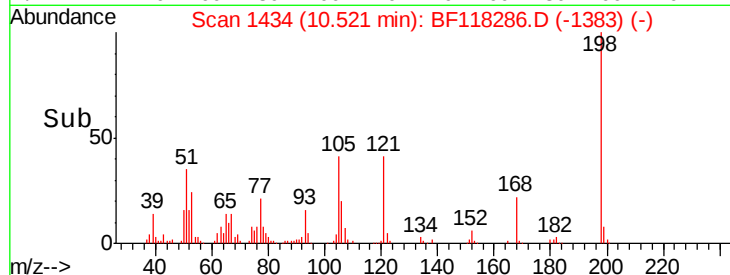
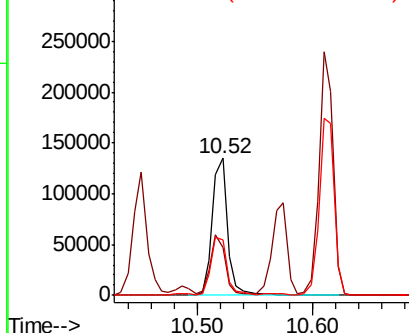
Tot Ion:	198	Resp:	125824
Ion Ratio	Lower	Upper	
198	100		
51	34.5	22.0	62.0
105	40.4	25.6	65.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.761 ng

RT: 10.57 min Scan# 1443

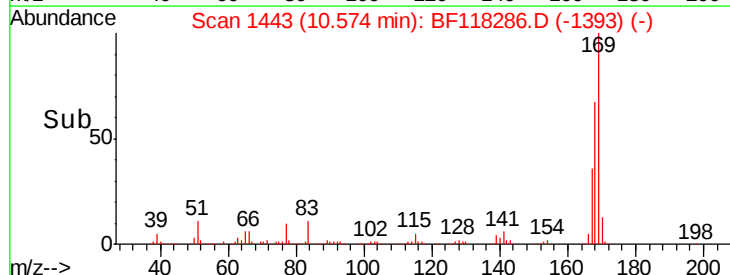
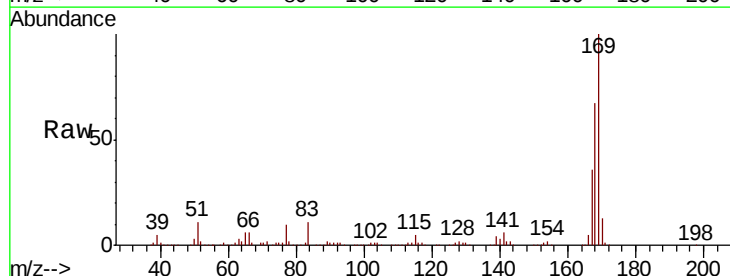
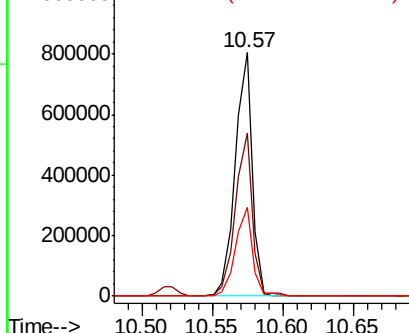
Delta R.T. -0.01 min

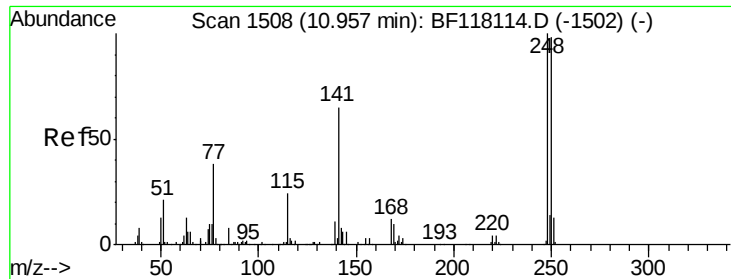
Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Tgt Ion:	169	Resp:	673505
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.4	80.2
167	36.4	28.4	42.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





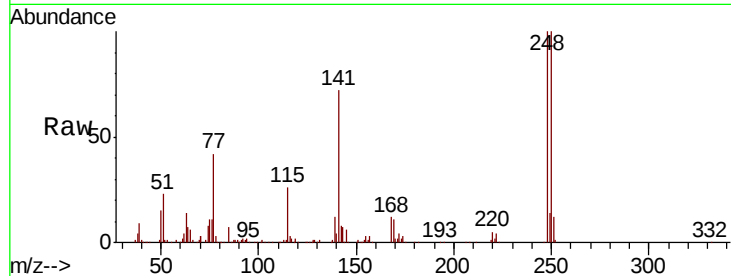
#67
 4-Bromophenyl-phenylether
 Concen: 45.655 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

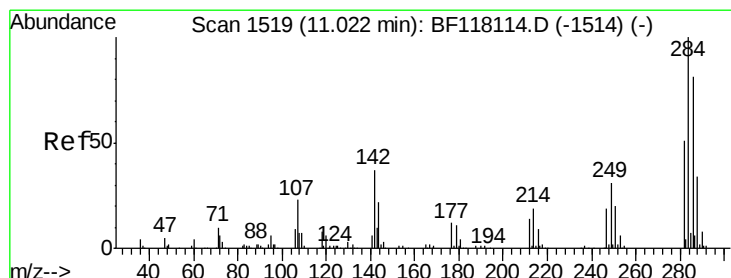
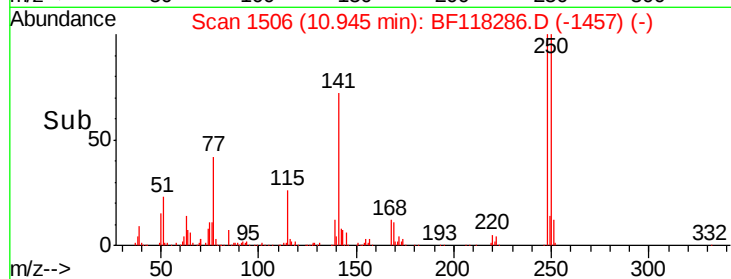
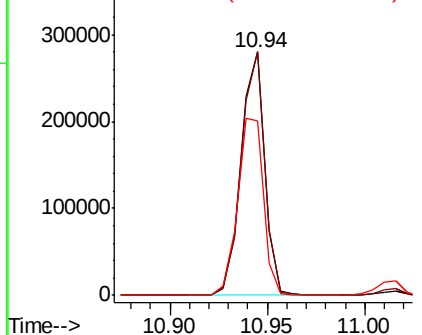
Tot Ion:	248	Resp:	235342
Ion Ratio	Lower	Upper	
248	100		
250	100.1	78.3	117.5
141	71.8	52.2	78.4

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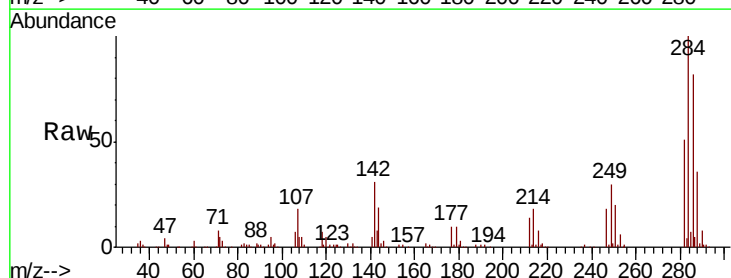


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

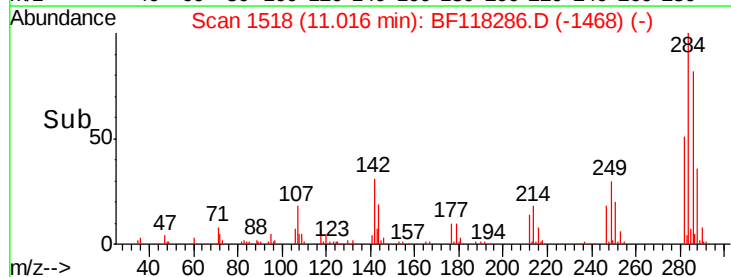
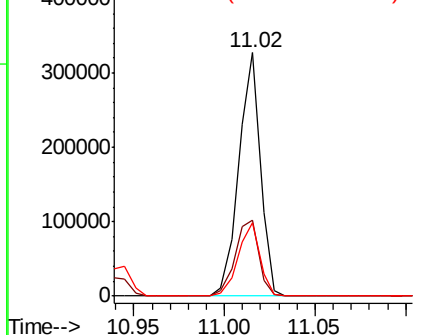


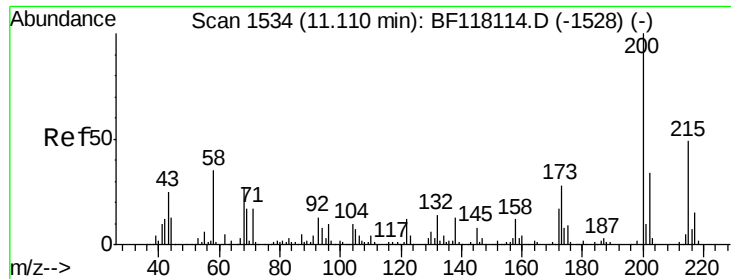
#68
 Hexachlorobenzene
 Concen: 44.797 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion:	284	Resp:	271796
Ion Ratio	Lower	Upper	
284	100		
142	31.0	29.7	44.5
249	29.9	24.6	37.0



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





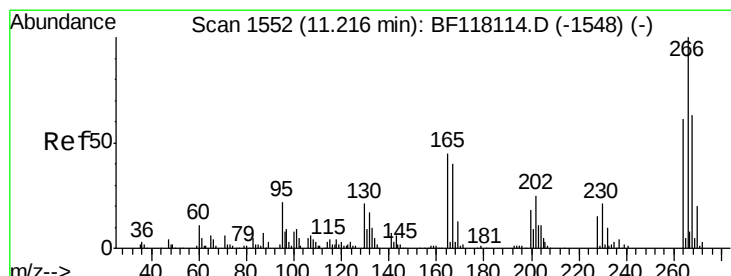
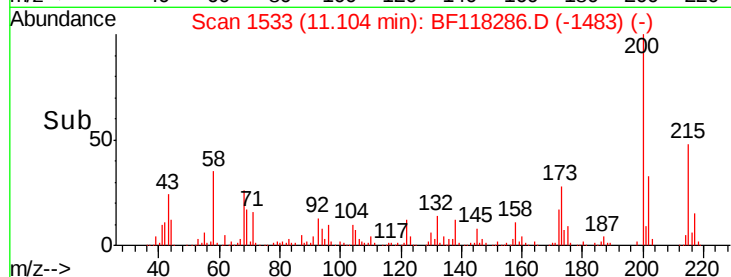
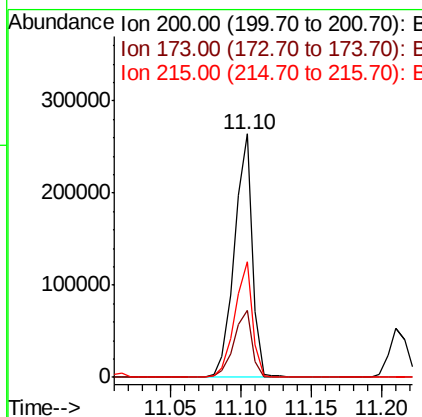
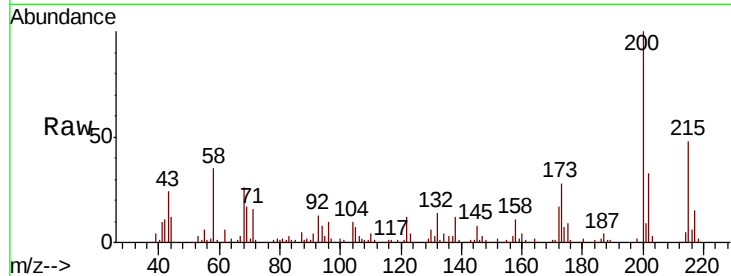
#69
Atrazine
Concen: Below Cal
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	232084		
173	27.6	8.1	48.1	
215	47.5	29.0	69.0	

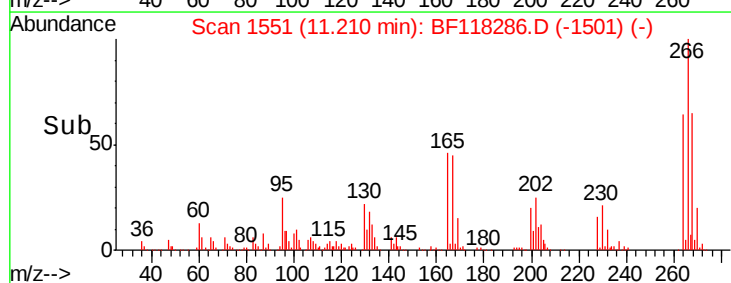
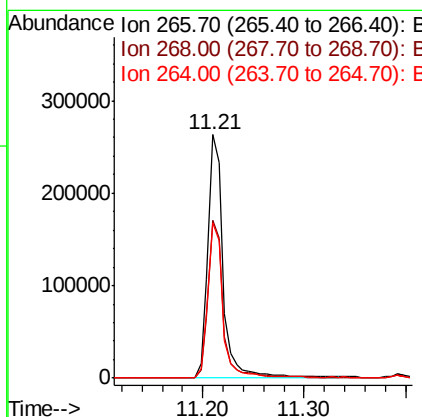
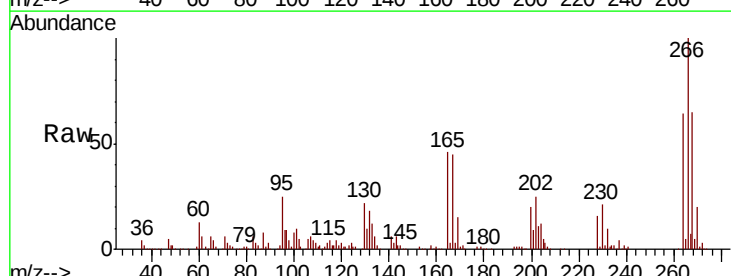
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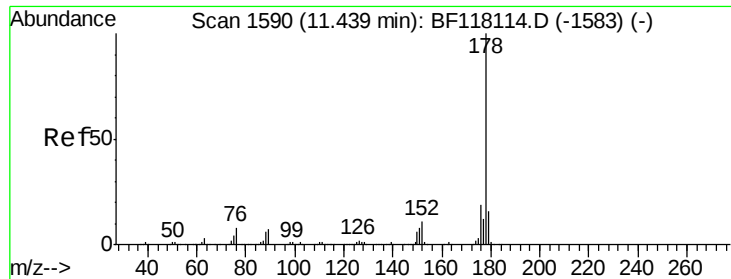
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#70
Pentachlorophenol
Concen: 97.534 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	278291		
268	64.7	50.7	76.1	
264	63.8	48.7	73.1	





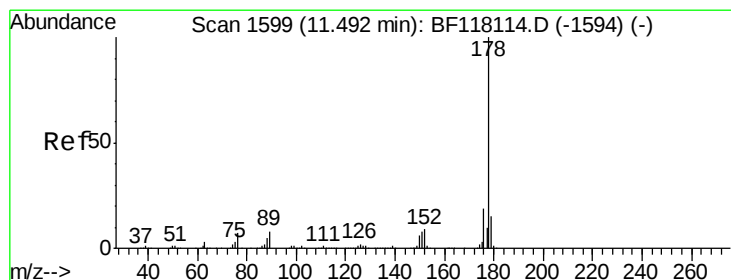
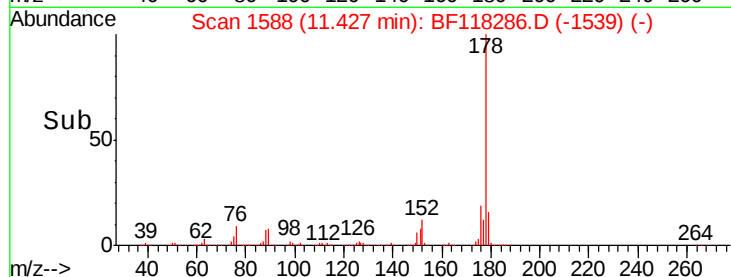
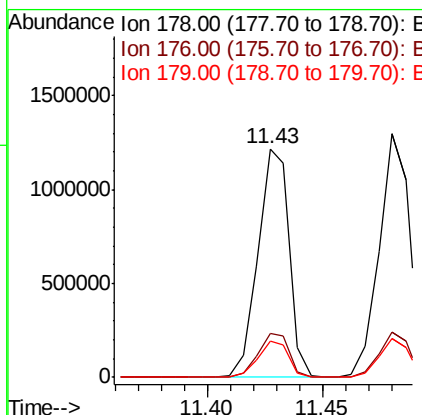
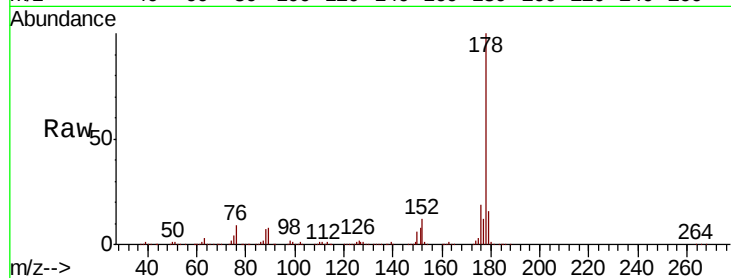
#71
Phenanthrene
Concen: 47.951 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.8	12.6	18.8

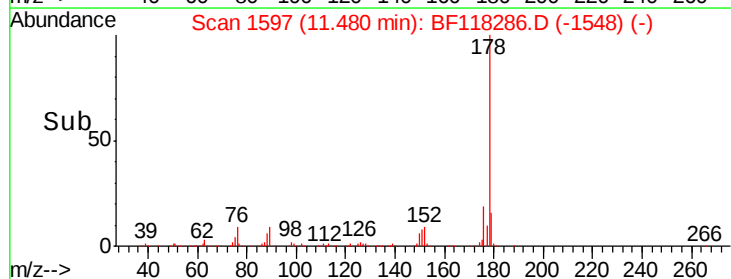
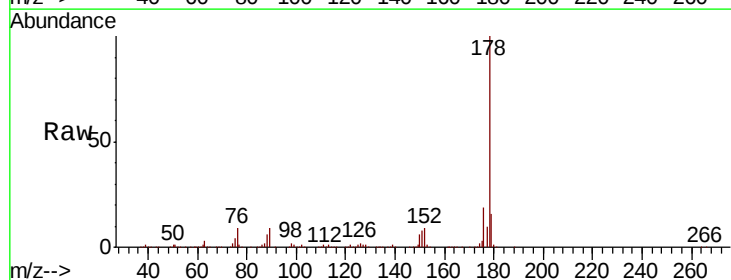
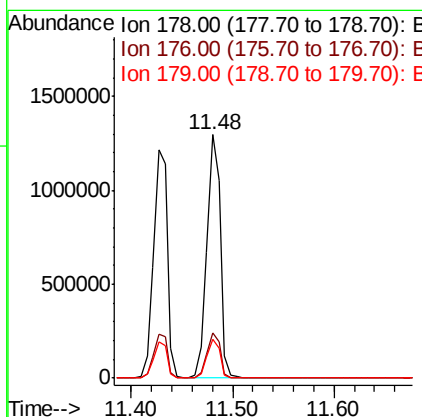
Manual Integrations
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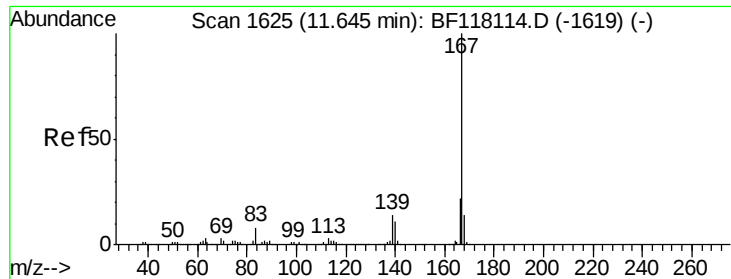
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#72
Anthracene
Concen: 49.445 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	16.0	12.2	18.4





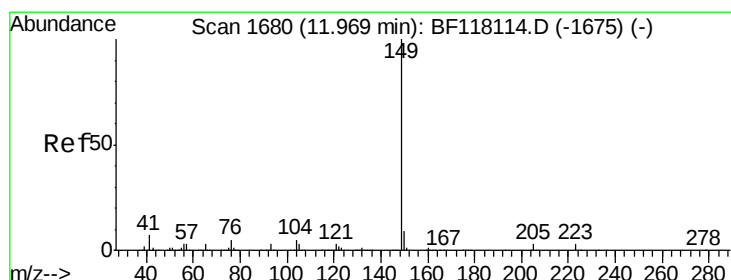
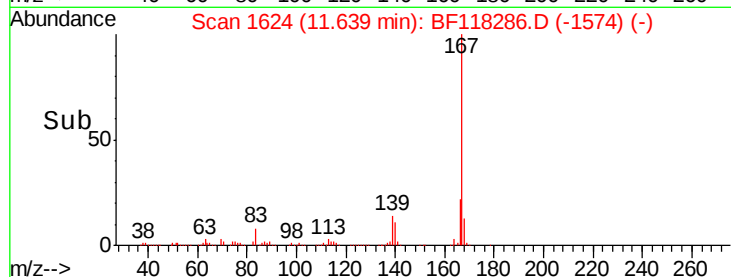
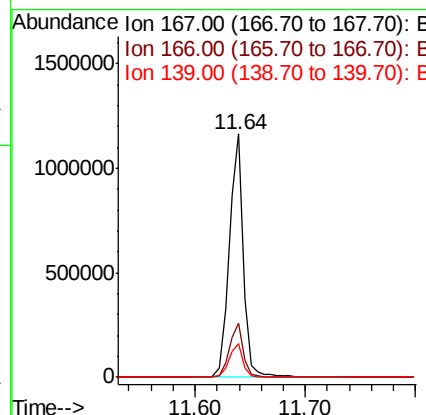
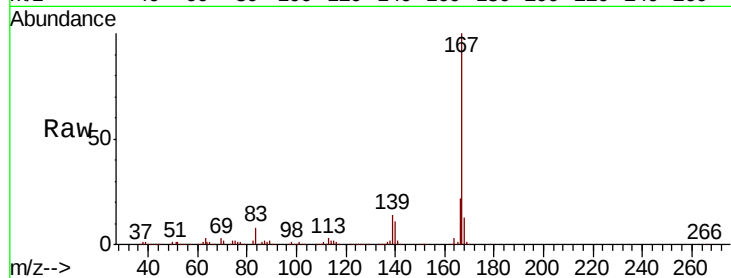
#73
 Carbazole
 Concen: 48.372 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.2
139	13.9	11.4	17.0

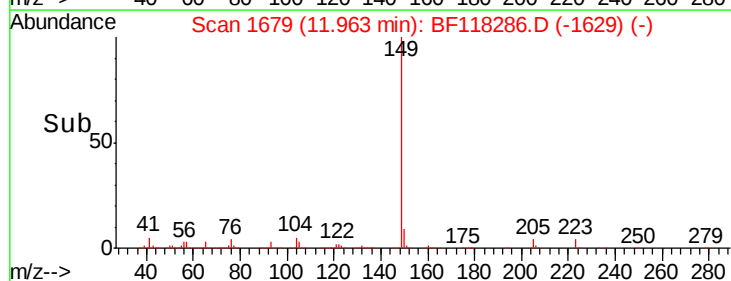
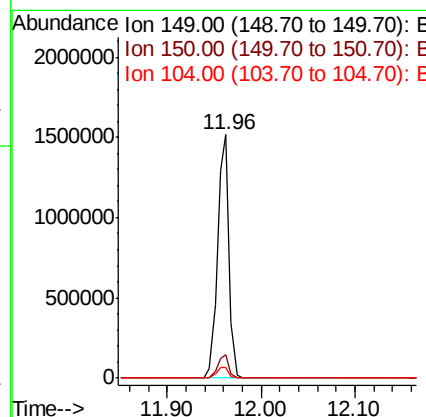
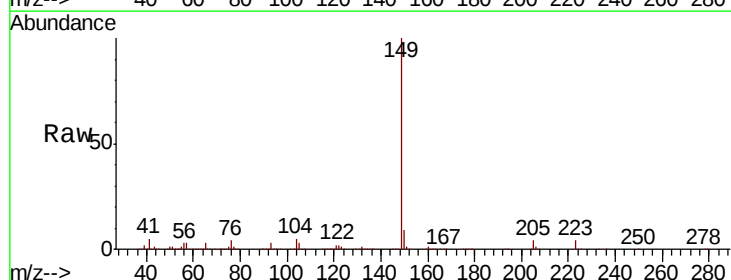
Manual Integrations
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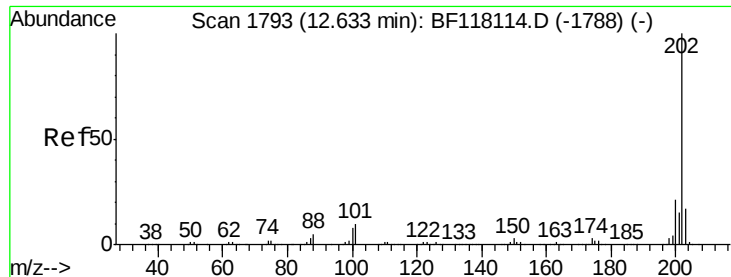
Sohil
 12/20/2019 4:26:21 PM



#74
 Di-n-butylphthalate
 Concen: 48.666 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.6	4.3	6.5





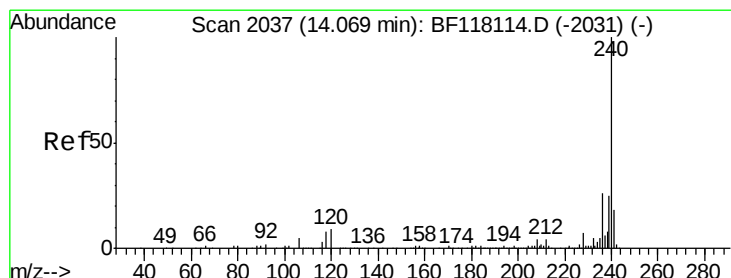
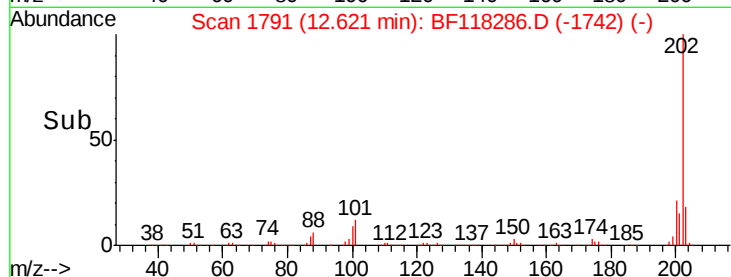
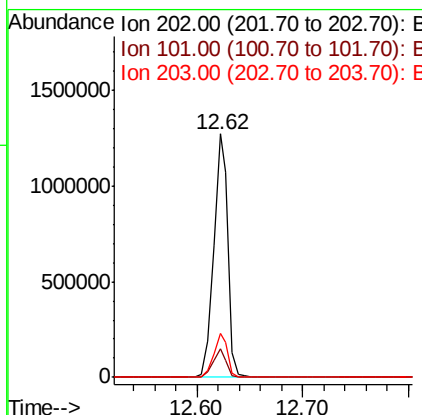
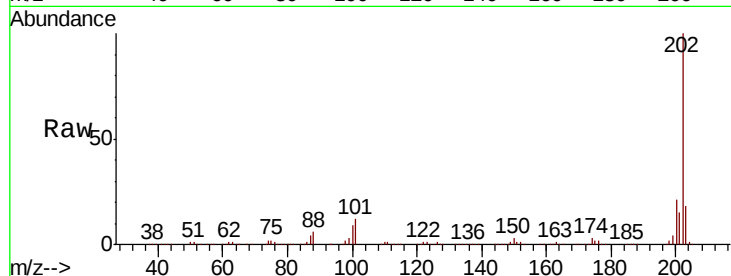
#75
Fluoranthene
Concen: 49.319 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.4
203	18.0	0.0	37.2

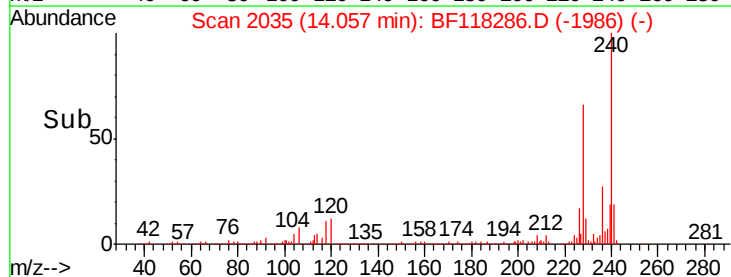
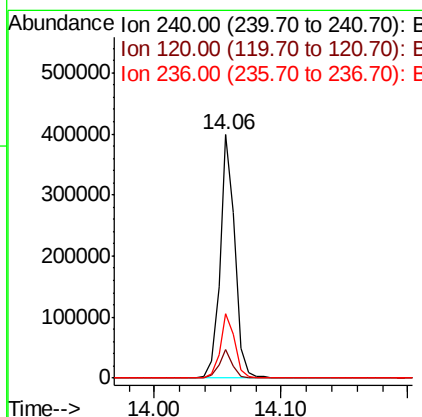
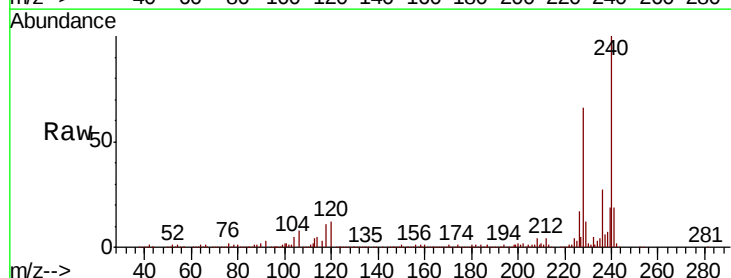
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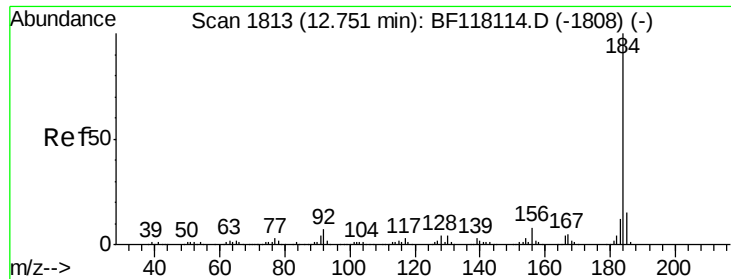
Sohil
12/20/2019 4:26:21 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	26.7	21.0	31.6





#77

Benzidine

Concen: 7.394 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

ClientSampleId :

178K-WC1MS

Tot Ion:184 Resp: 62964

Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

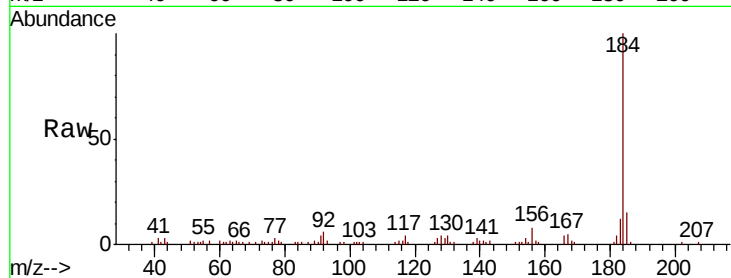
183 11.8 9.9 14.9

Manual Integrations

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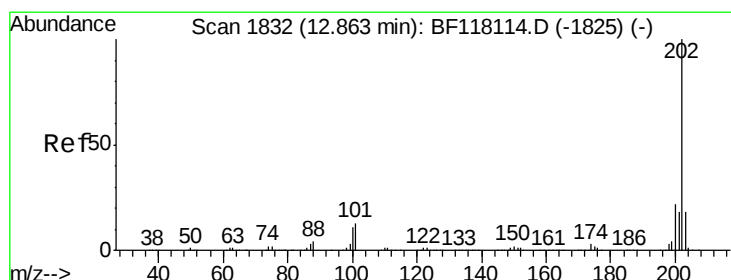
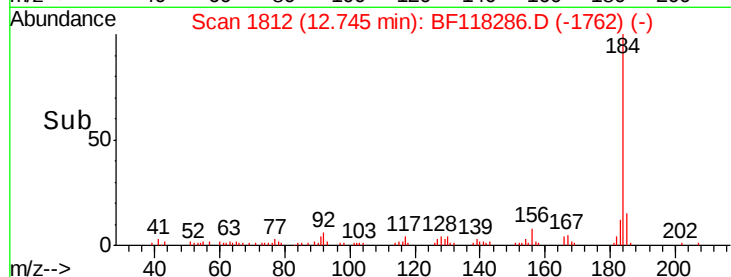
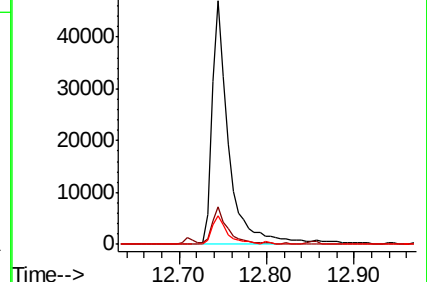
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.813 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

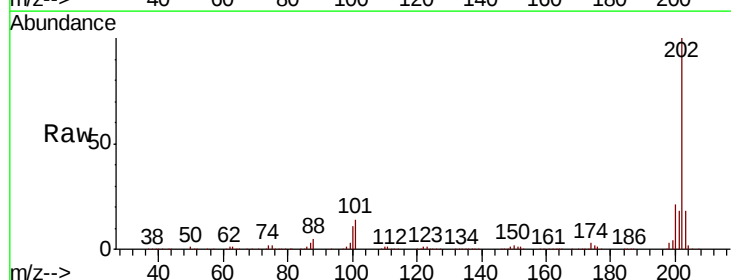
Tgt Ion:202 Resp: 1218833

Ion Ratio Lower Upper

202 100

200 21.1 17.5 26.3

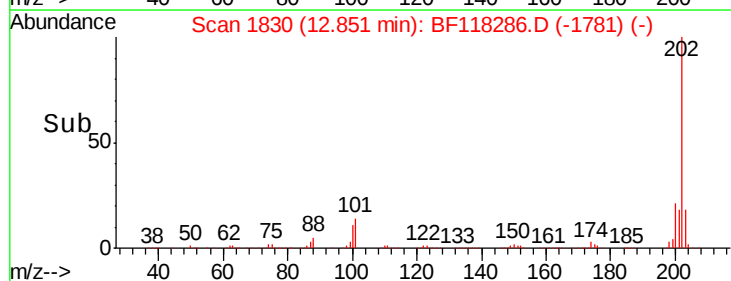
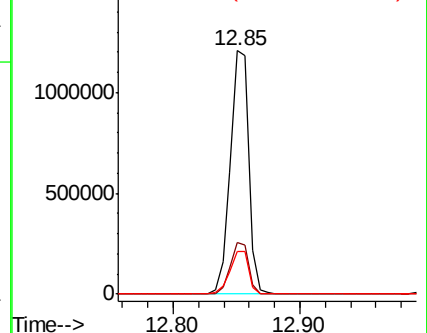
203 17.8 14.6 21.8

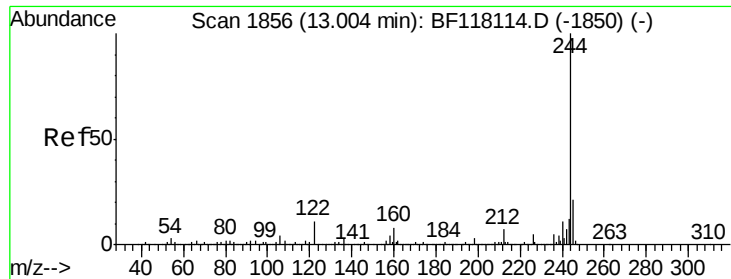


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





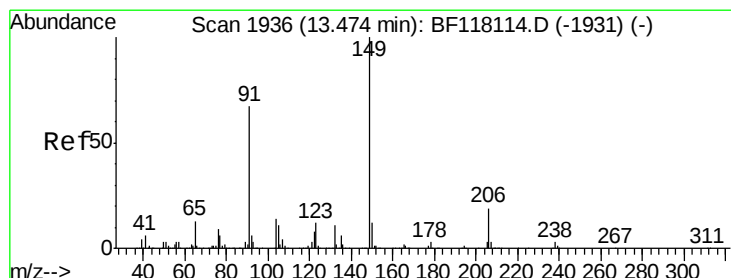
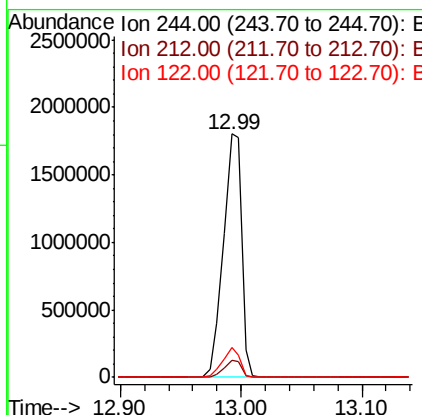
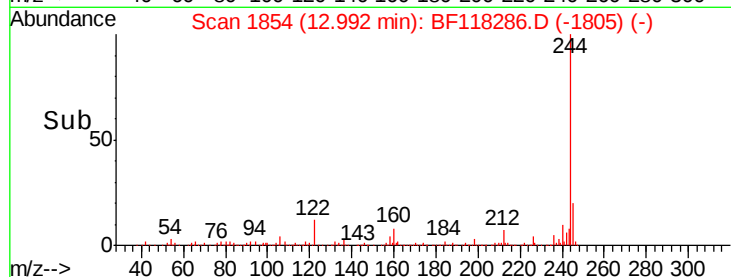
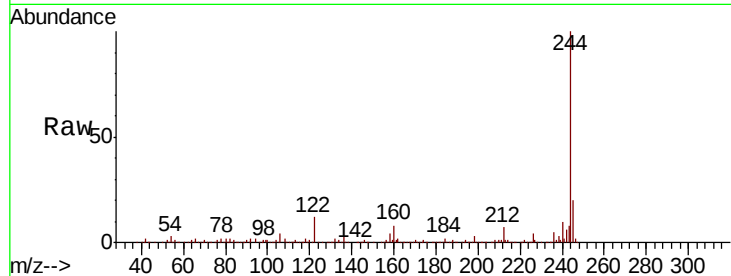
#79
 Terphenyl-d14
 Concen: 100.687 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.5	9.0	13.6

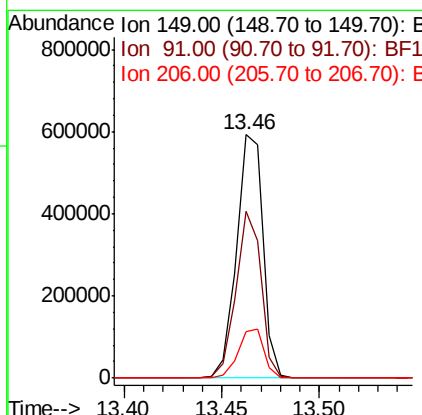
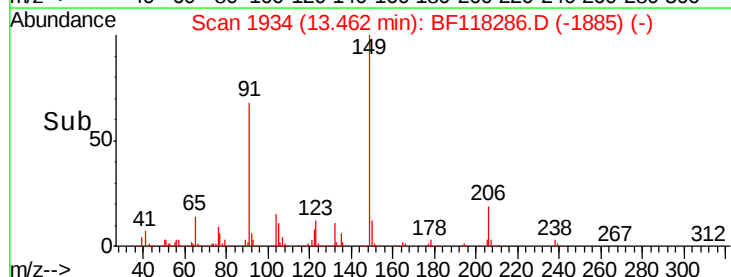
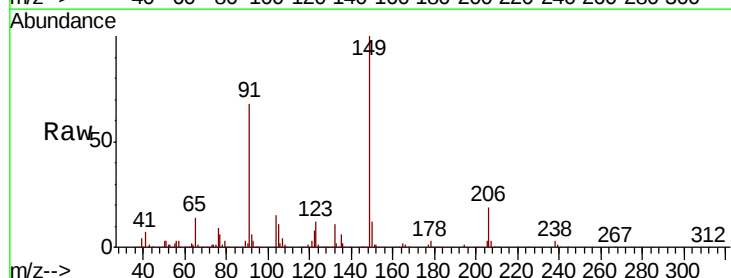
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 48.180 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF118286.D
 Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	53.9	80.9
206	19.1	15.2	22.8





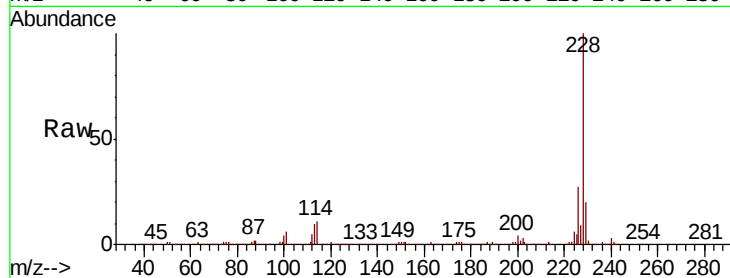
#81
Benzo(a)anthracene
Concen: 47.749 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

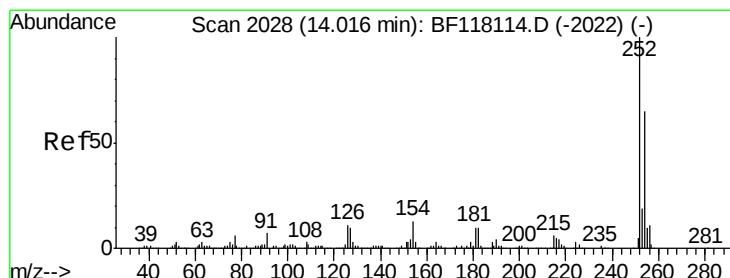
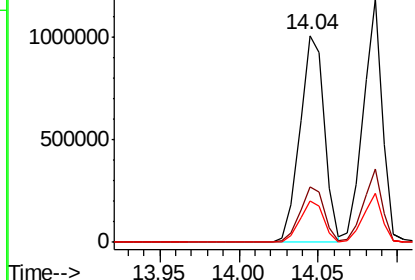
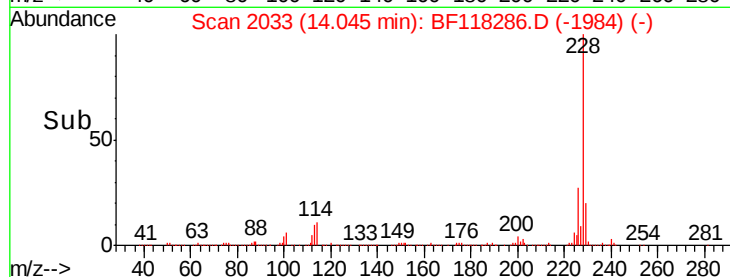
Tot Ion:228 Resp: 1068034
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.8 15.8 23.8

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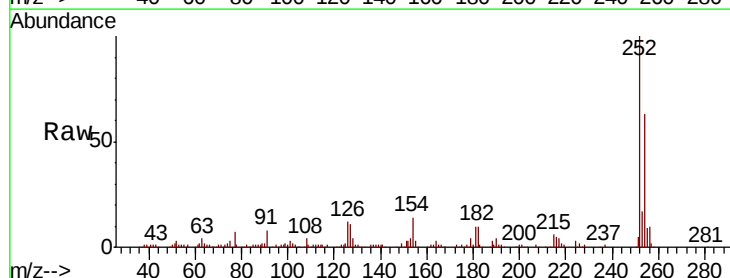


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

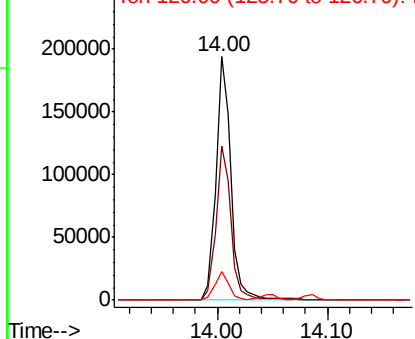
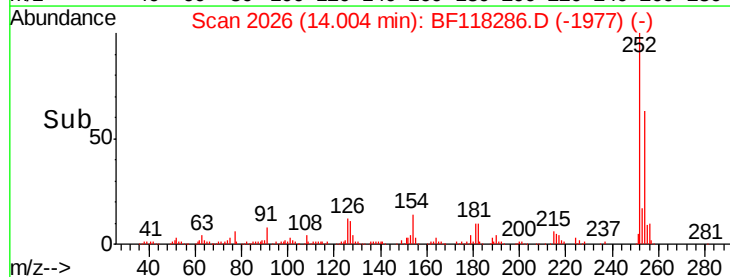


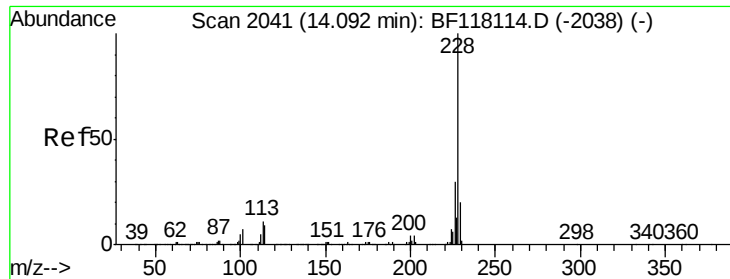
#82
3,3'-Dichlorobenzidine
Concen: 24.802 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion:252 Resp: 182199
Ion Ratio Lower Upper
252 100
254 63.5 52.2 78.4
126 11.6 8.6 13.0



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





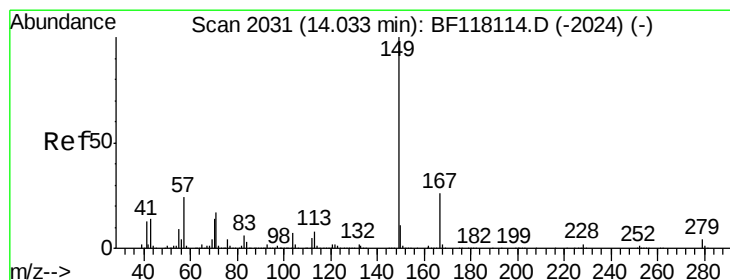
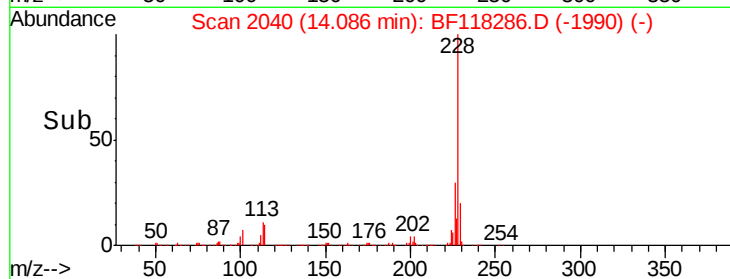
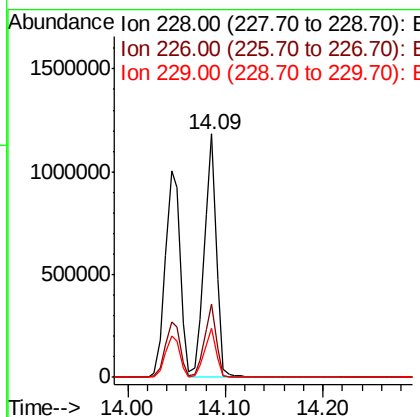
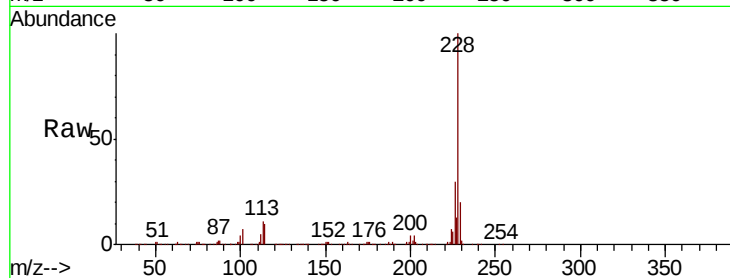
#83
Chrysene
Concen: 47.142 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	20.0	15.7	23.5

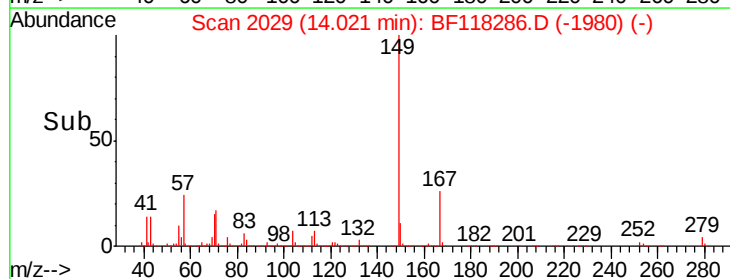
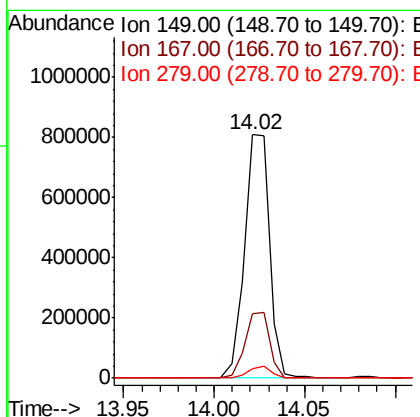
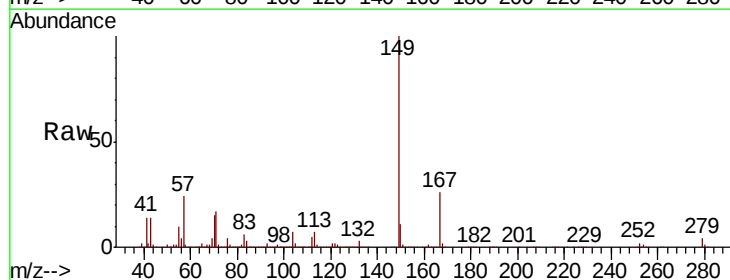
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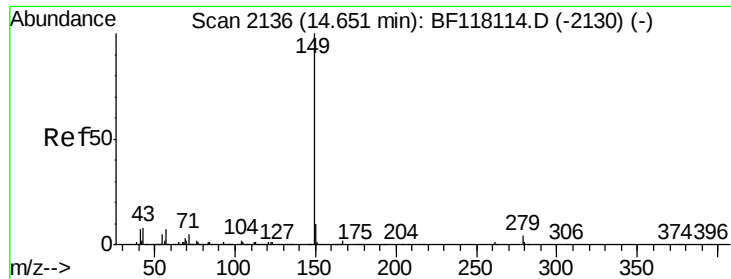
Sohil
12/20/2019 4:26:21 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.750 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.8	31.2
279	3.7	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 52.994 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118286.D

Acq: 19 Dec 2019 18:29

Instrument :

BNA_F

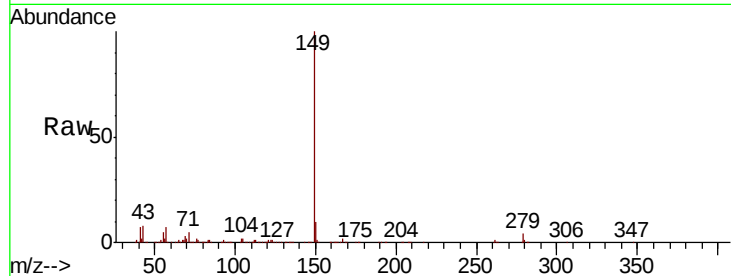
ClientSampleId :

178K-WC1MS

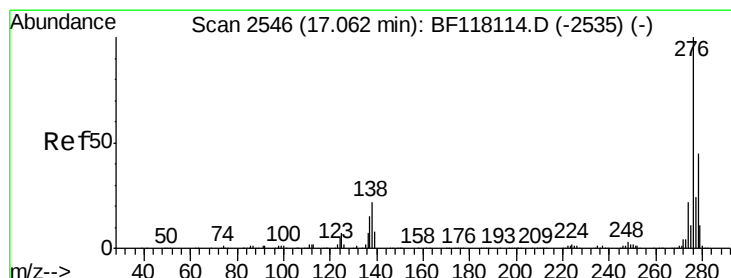
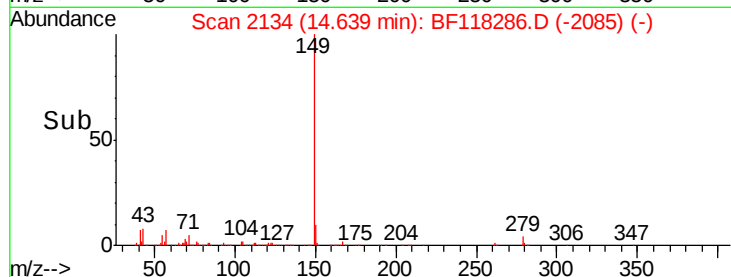
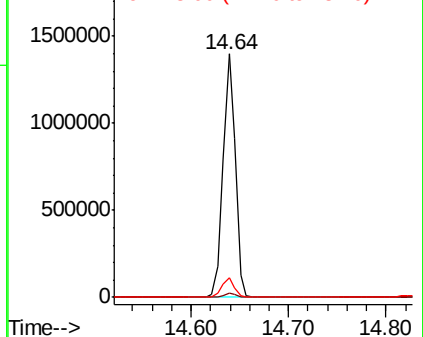
Tot Ion:	149	Resp:	1222053
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	7.9	6.5	9.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.105 ng

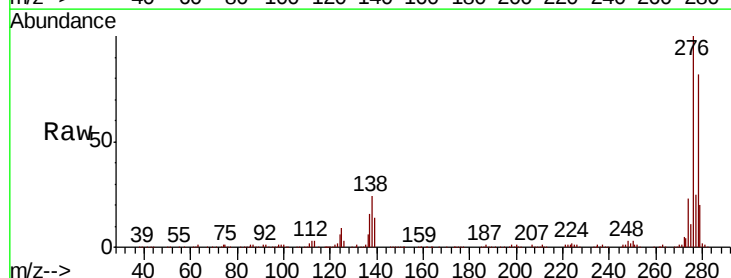
RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

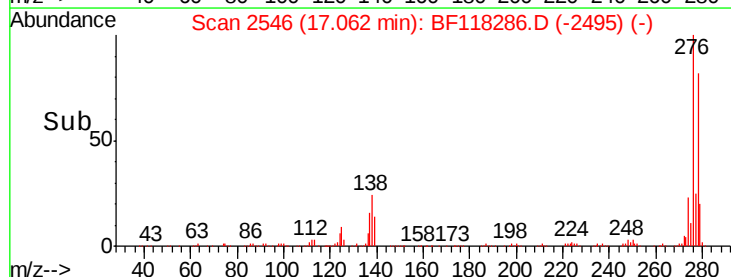
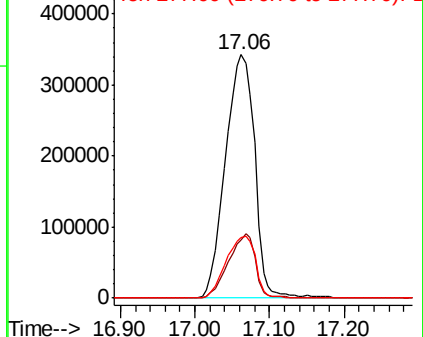
Lab File: BF118286.D

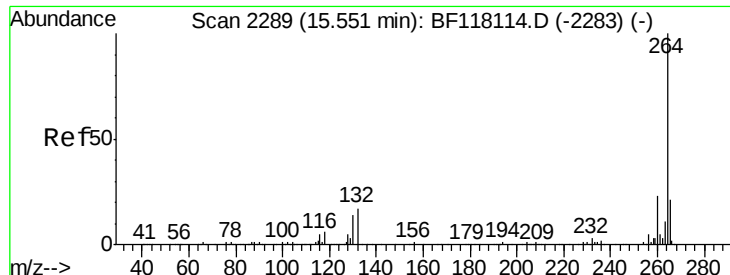
Acq: 19 Dec 2019 18:29

Tgt Ion:	276	Resp:	936729
Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.9	28.3
277	25.8	20.4	30.6



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





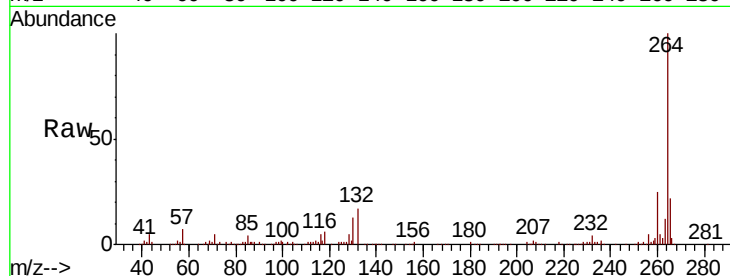
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.0	16.8	25.2

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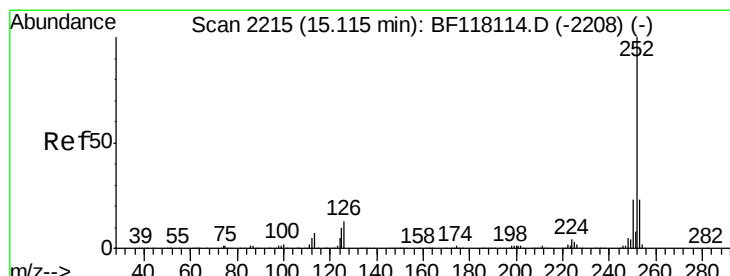
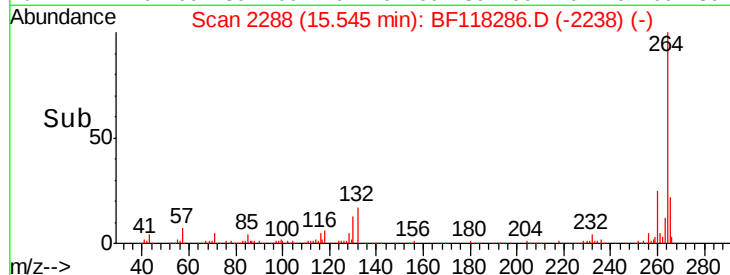
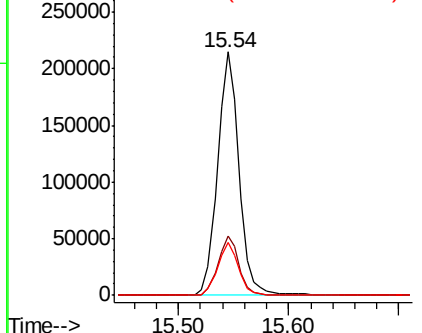


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.341 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

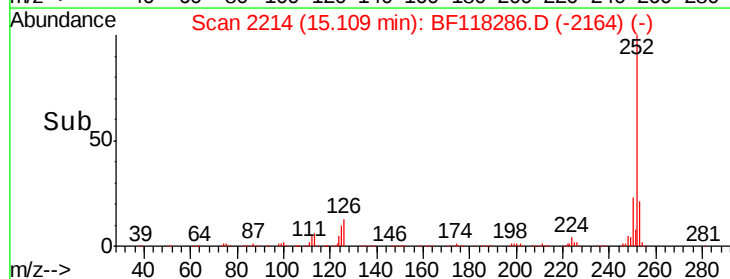
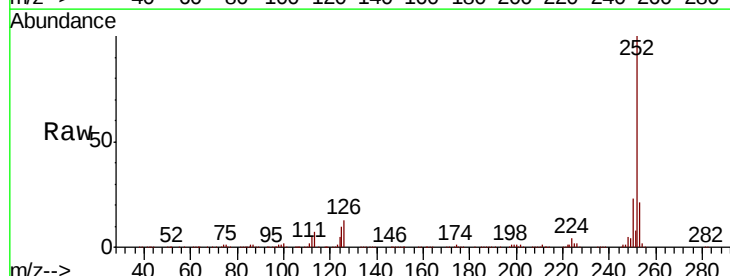
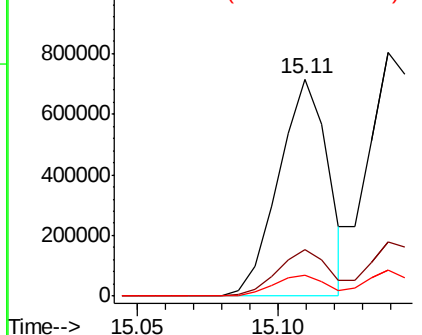
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	9.9	8.3	12.5

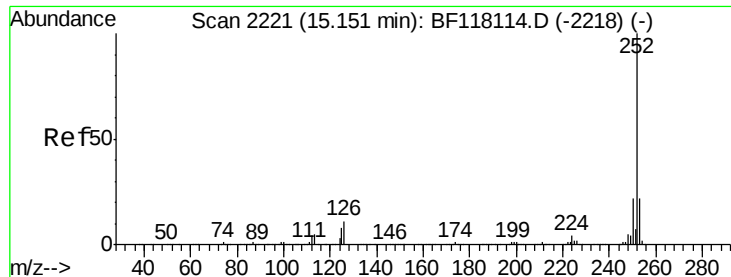
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





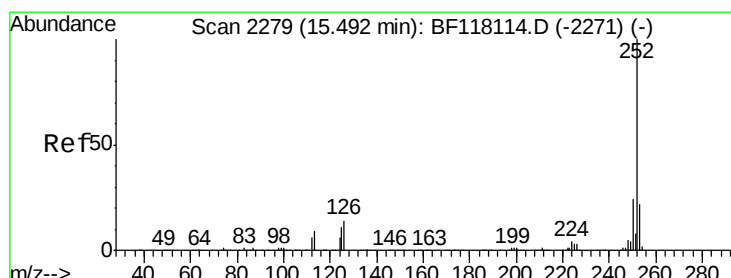
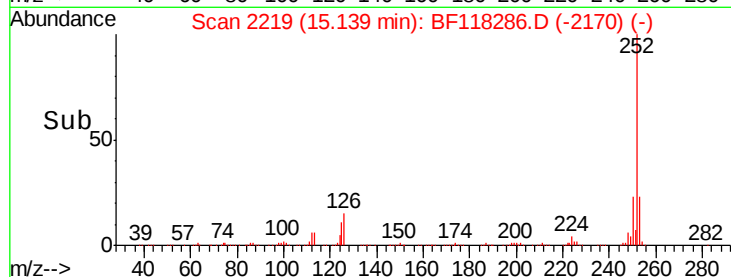
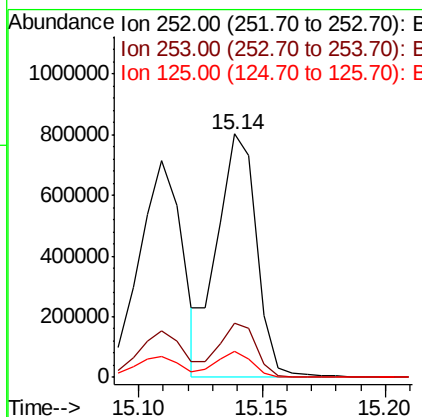
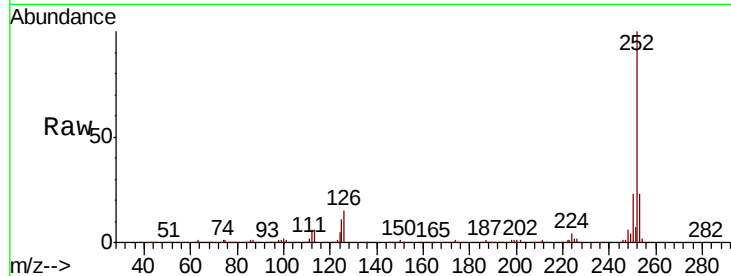
#89
Benzo(k)fluoranthene
Concen: 48.720 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampled :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.5	6.7	10.1

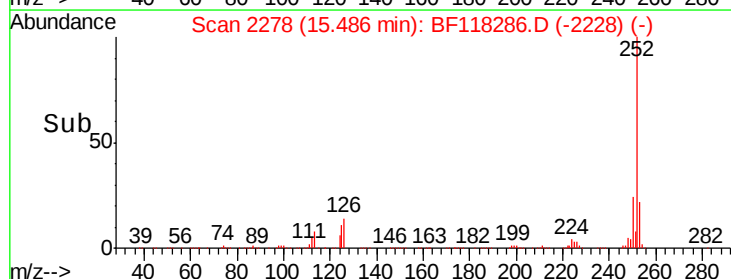
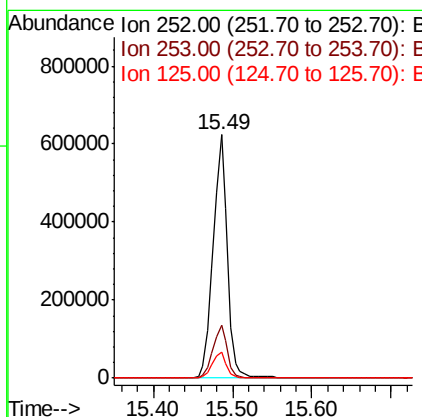
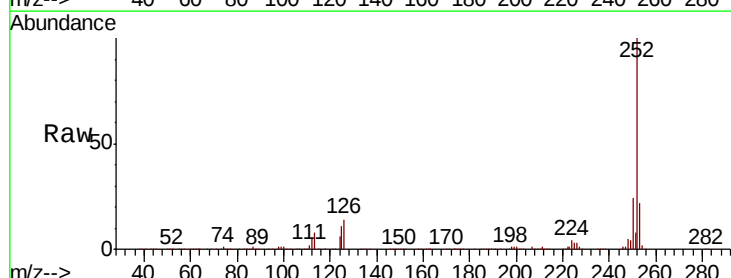
Manual Integrations
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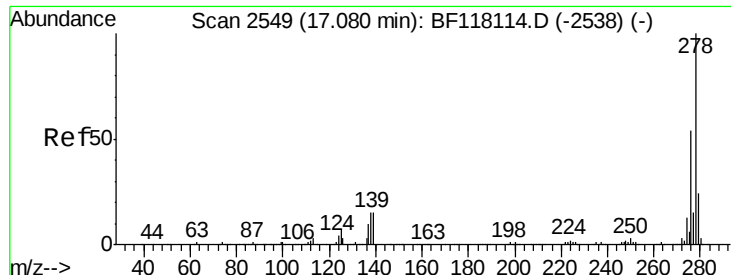
Sohil
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#90
Benzo(a)pyrene
Concen: 46.017 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.7	9.1	13.7





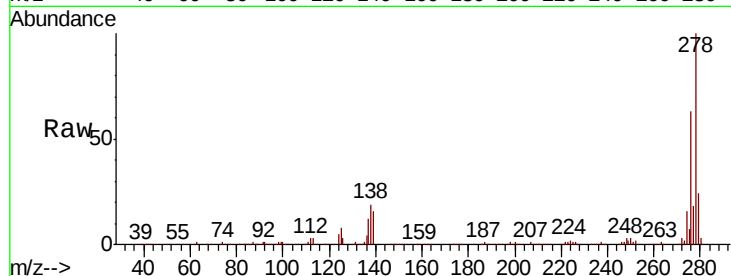
#91
Dibenzo(a,h)anthracene
Concen: 53.956 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Instrument :
BNA_F
ClientSampleId :
178K-WC1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.7	17.5
279	23.7	19.0	28.4

Manual Integrations
APPROVED

Sohil
12/20/2019 4:26:21 PM

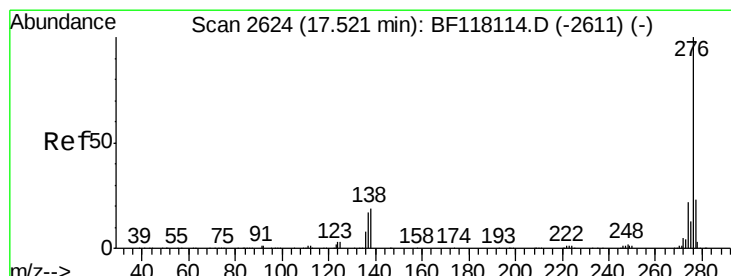
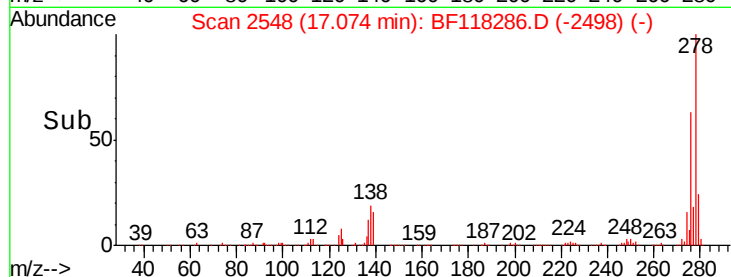
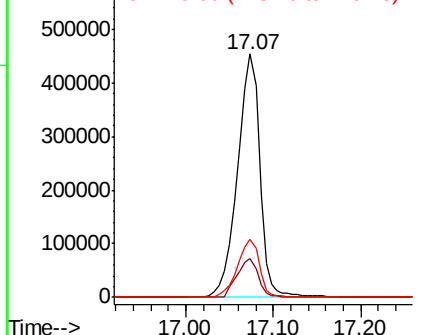


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.654 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF118286.D
Acq: 19 Dec 2019 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.2	27.4
138	20.0	15.5	23.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

