

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118287.D
 Acq On : 19 Dec 2019 18:57
 Operator : JU
 Sample : K6317-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MSD

Manual Integrations
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Sohil
 12/20/2019 4:26:22 PM

Quant Time: Dec 20 04:14:19 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	103530	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	401835	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	213341	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	410200	20.00	ng	0.00
76) Chrysene-d12	14.06	240	293109	20.00	ng	-0.01
87) Perylene-d12	15.54	264	262604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	804204	136.05	ng	0.01
7) Phenol-d6	6.50	99	956174	133.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	656320	91.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	398204	153.65	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1372092	97.86	ng	-0.01
79) Terphenyl-d14	12.99	244	1789067	104.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	92704	37.195	ng	# 84
3) Pyridine	3.47	79	162522	25.274	ng	98
4) n-Nitrosodimethylamine	3.40	42	123502	44.645	ng	99
6) Aniline	6.53	93	81205	8.879	ng	# 81
8) 2-Chlorophenol	6.65	128	325760	48.875	ng	98
9) Benzaldehyde	6.41	77	175280	51.211	ng	94
10) Phenol	6.51	94	329851	40.455	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	285441	48.404	ng	97
12) 1,3-Dichlorobenzene	6.80	146	346818	44.543	ng	96
13) 1,4-Dichlorobenzene	6.88	146	350491	44.704	ng	98
14) 1,2-Dichlorobenzene	7.03	146	338661	45.996	ng	99
15) Benzyl Alcohol	7.00	79	271411	48.631	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	317780	44.818	ng	90
17) 2-Methylphenol	7.12	107	260273	49.097	ng	97
18) Hexachloroethane	7.37	117	127842	44.252	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	212695	48.957	ng	99
20) 3+4-Methylphenols	7.27	107	328035	49.264	ng	94
22) Acetophenone	7.27	105	447395	46.343	ng	97
24) Nitrobenzene	7.45	77	327088	46.609	ng	100
25) Isophorone	7.69	82	593047	48.978	ng	99
26) 2-Nitrophenol	7.76	139	183821	49.008	ng	96
27) 2,4-Dimethylphenol	7.80	122	278169	55.598	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	364234	46.035	ng	99
29) 2,4-Dichlorophenol	8.01	162	285002	48.863	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	306631	44.985	ng	99
31) Naphthalene	8.17	128	976361	48.380	ng	100
32) Benzoic acid	7.93	122	165815	36.705	ng	98
33) 4-Chloroaniline	8.22	127	50746	5.824	ng	98
34) Hexachlorobutadiene	8.28	225	178572	43.688	ng	98
35) Caprolactam	8.59	113	75454m	41.949	ng	
36) 4-Chloro-3-methylphenol	8.71	107	303981	49.524	ng	97
37) 2-Methylnaphthalene	8.86	142	683420	50.021	ng	99
38) 1-Methylnaphthalene	8.96	142	636801	49.640	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	297471	46.028	ng	99

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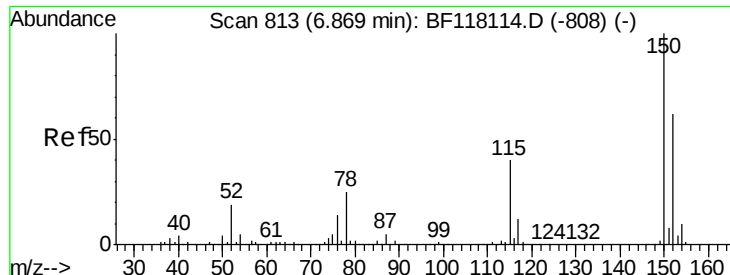
Manual Integrations
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 12/20/2019 4:26:22 PM

Quant Time: Dec 20 04:14:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	280692	96.935	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	207908	48.181	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	224847	50.294	nq	98
46) 1,1'-Biphenyl	9.33	154	812100	48.265	nq	99
47) 2-Chloronaphthalene	9.35	162	633293	46.789	nq	96
48) 2-Nitroaniline	9.45	65	178825	46.330	nq	98
49) Acenaphthylene	9.77	152	1022410	51.215	nq	100
50) Dimethylphthalate	9.63	163	767780	48.722	nq	99
51) 2,6-Dinitrotoluene	9.70	165	175766	51.295	nq	89
52) Acenaphthene	9.95	154	586985	48.173	nq	99
53) 3-Nitroaniline	9.87	138	41992	10.413	nq	94
54) 2,4-Dinitrophenol	9.98	184	159931	93.815	nq	97
55) Dibenzofuran	10.12	168	901950	50.518	nq	99
56) 4-Nitrophenol	10.04	139	253717	90.661	nq	99
57) 2,4-Dinitrotoluene	10.10	165	234909	51.363	nq	94
58) Fluorene	10.46	166	724225	51.043	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	188684	51.157	nq	100
60) Diethylphthalate	10.33	149	775033	49.919	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	350576	49.107	nq	99
62) 4-Nitroaniline	10.49	138	170890	40.633	nq	97
63) Azobenzene	10.61	77	668996	50.475	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	116918	51.612	nq	93
66) n-Nitrosodiphenylamine	10.57	169	645226	50.370	nq	100
67) 4-Bromophenyl-phenylether	10.94	248	225215	48.097	nq	98
68) Hexachlorobenzene	11.02	284	260918	47.341	nq	# 90
69) Atrazine	11.10	200	221143	Below Cal		97
70) Pentachlorophenol	11.21	266	259431	100.094	nq	97
71) Phenanthrene	11.43	178	1090412	50.006	nq	100
72) Anthracene	11.48	178	1138568	52.341	nq	99
73) Carbazole	11.64	167	991521	50.803	nq	99
74) Di-n-butylphthalate	11.96	149	1247675	51.080	nq	99
75) Fluoranthene	12.62	202	1143056	51.271	nq	98
77) Benzidine	12.74	184	183653	23.801	nq	95
78) Pyrene	12.85	202	1167913	50.563	nq	98
80) Butylbenzylphthalate	13.46	149	528307	50.503	nq	98
81) Benzo(a)anthracene	14.04	228	1005460	49.609	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	120841	18.154	nq	100
83) Chrysene	14.09	228	964159	49.801	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	743854	53.927	nq	100
85) Di-n-octyl phthalate	14.64	149	1152671	55.165	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	918246	56.370	nq	99
88) Benzo(b)fluoranthene	15.11	252	840104	48.371	nq	99
89) Benzo(k)fluoranthene	15.14	252	846768m	50.751	nq	
90) Benzo(a)pyrene	15.49	252	751430	48.988	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	771172	58.616	nq	99
92) Benzo(g,h,i)perylene	17.52	276	790714	62.544	nq	98

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



#1

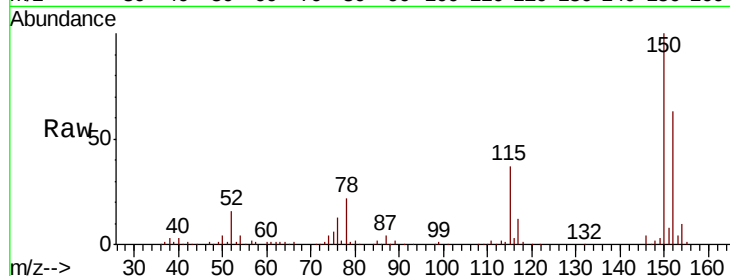
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.3	192.5
115	57.7	51.1	76.7

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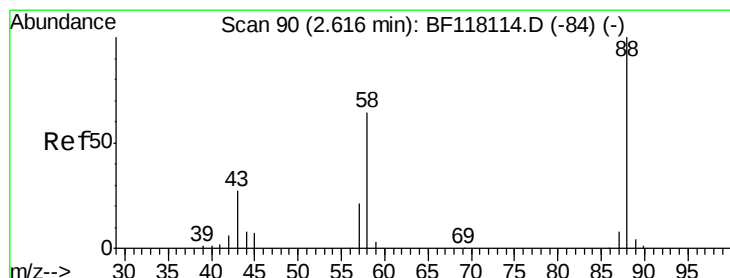
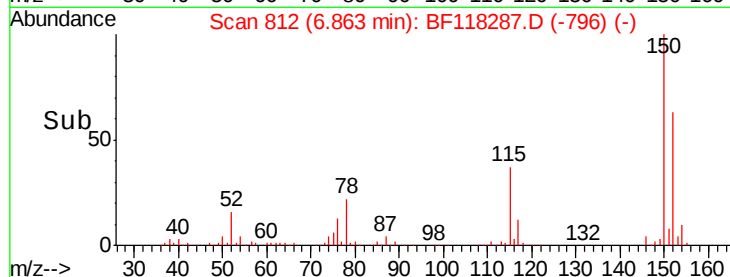
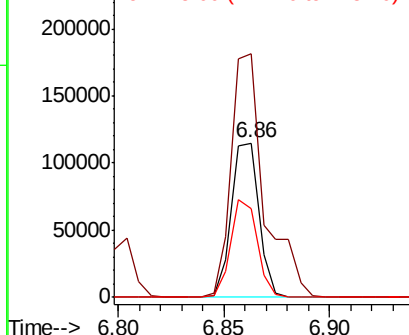


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

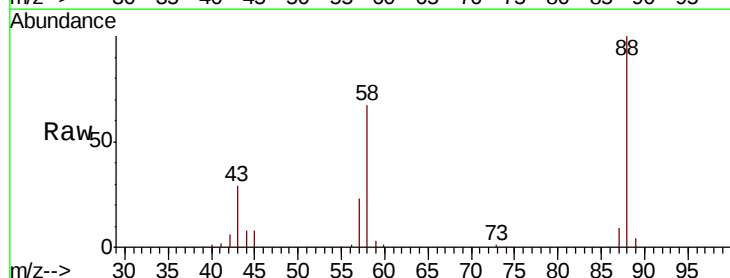
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.195 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.13 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	52.2	78.4
43	0.0	21.4	32.2

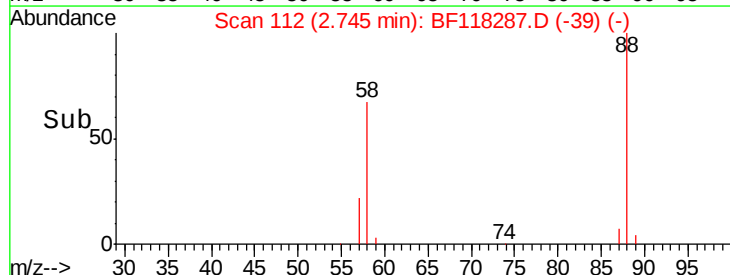
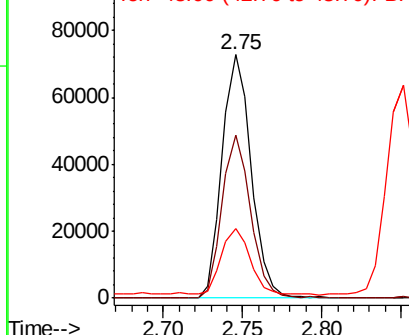


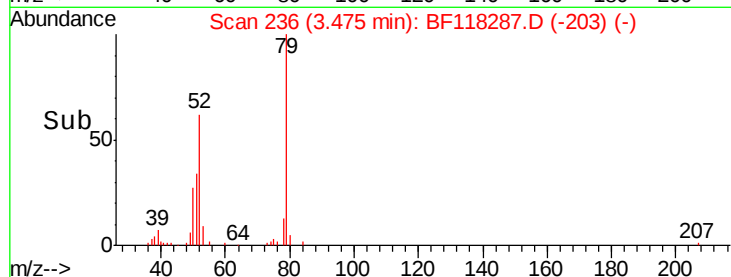
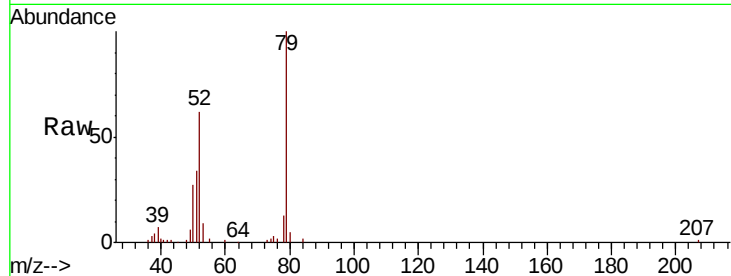
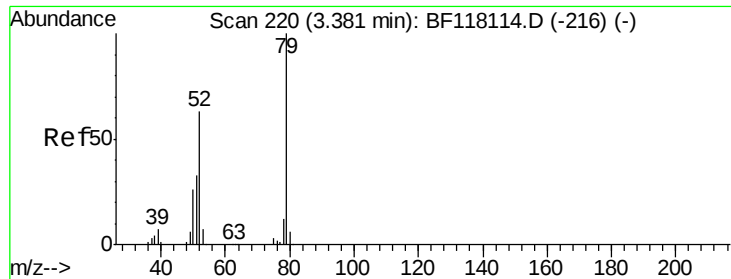
Abundance

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





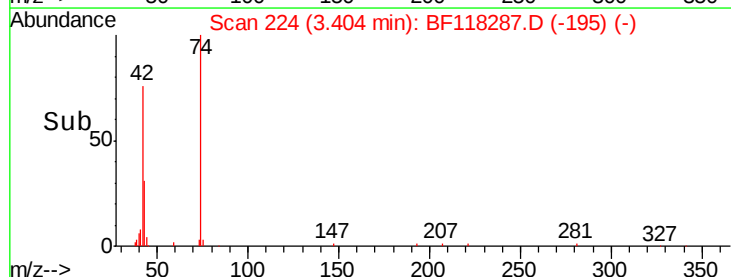
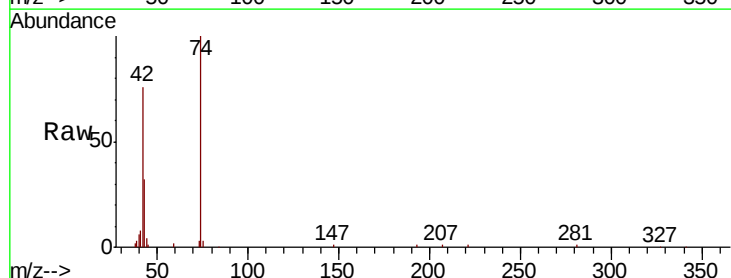
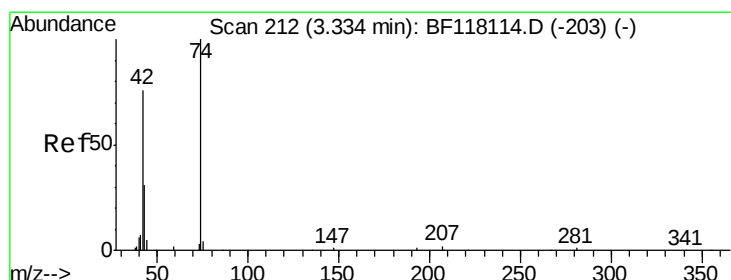
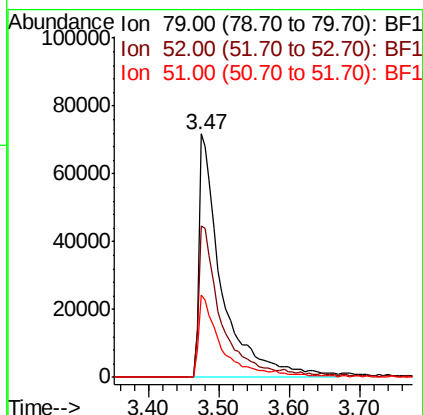
#3
Pvridine
Concen: 25.274 ng
RT: 3.47 min Scan# 236
Delta R.T. 0.09 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		162522		
52	62.0	50.7	76.1		
51	34.0	26.4	39.6		

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

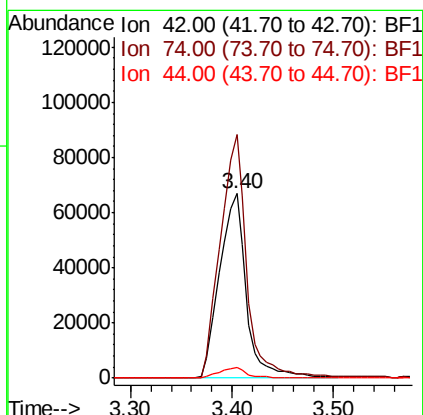
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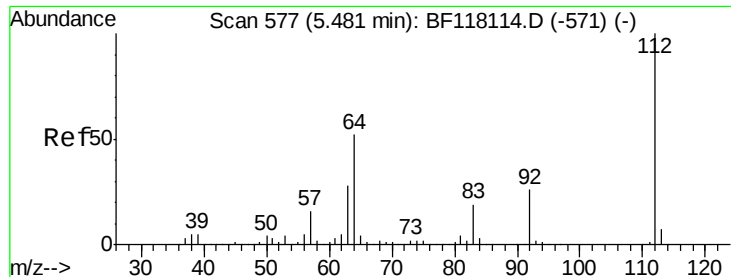
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#4
n-Nitrosodimethylamine
Concen: 44.645 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.07 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		123502		
74	132.0	104.6	157.0		
44	5.8	5.1	7.7		





#5

2-Fluorophenol

Concen: 136.051 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

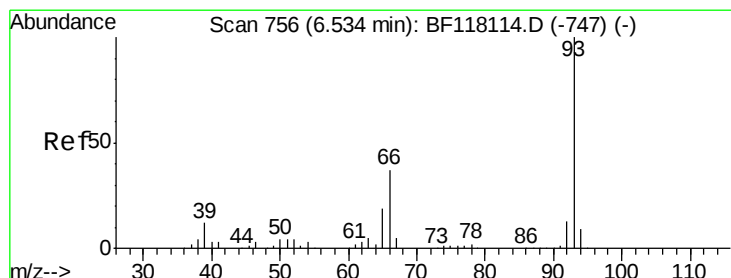
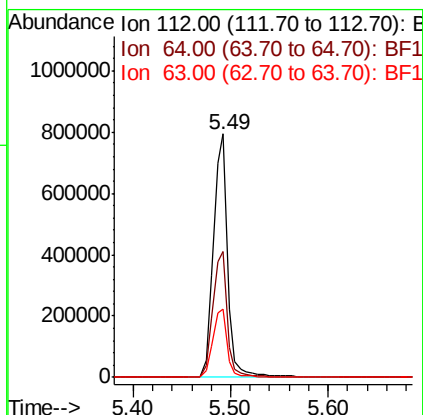
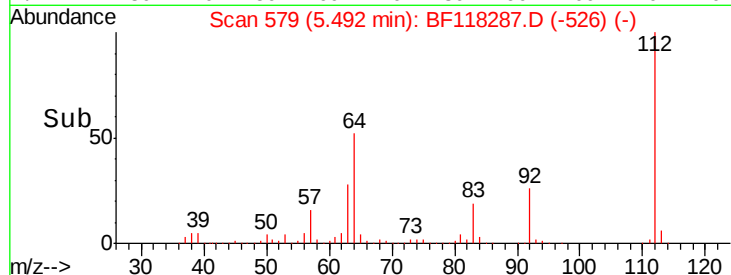
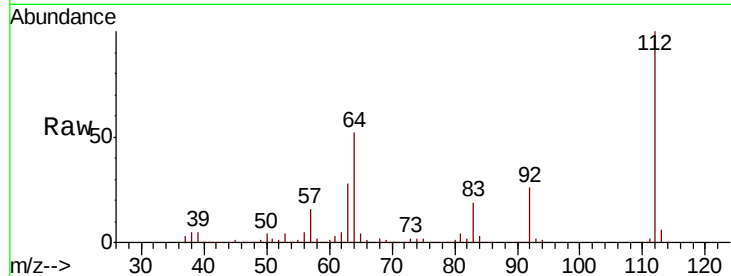
ClientSampleId :

178K-WC1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		804204		
64	51.7	41.3	61.9		
63	27.8	22.4	33.6		

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#6

Aniline

Concen: 8.879 ng

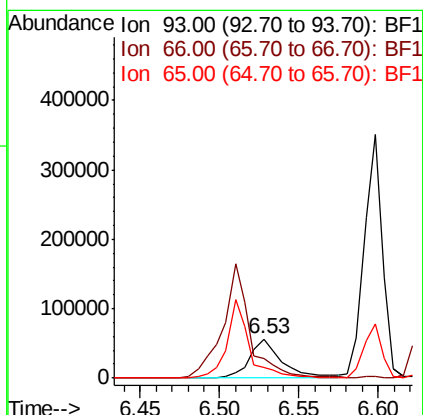
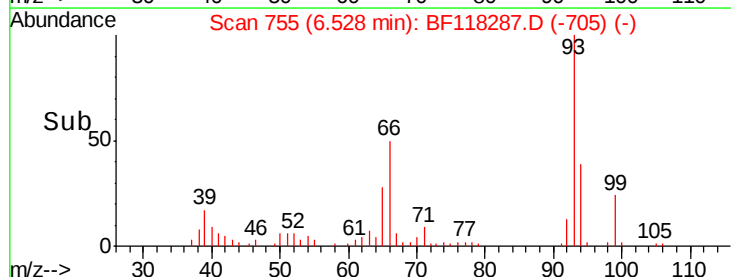
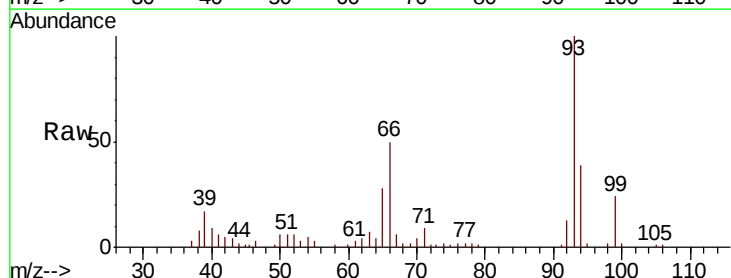
RT: 6.53 min Scan# 755

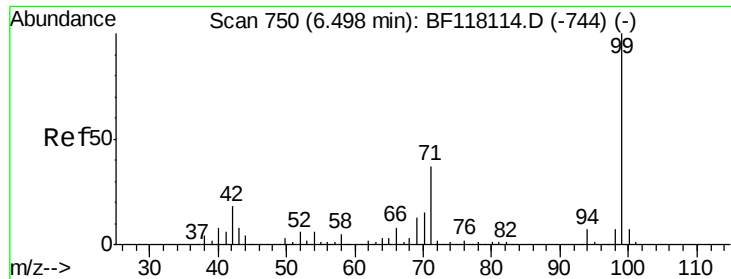
Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		81205		
66	49.7	30.2	45.2#		
65	27.6	15.5	23.3#		





#7

Phenol-d6

Concen: 133.738 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

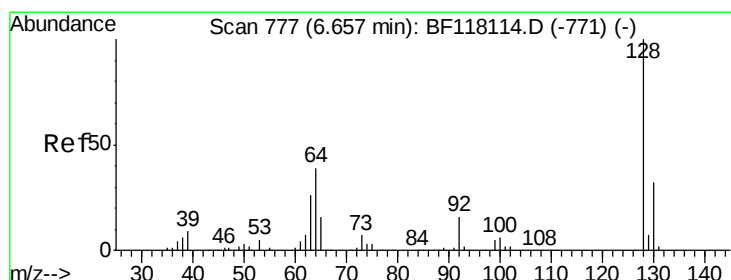
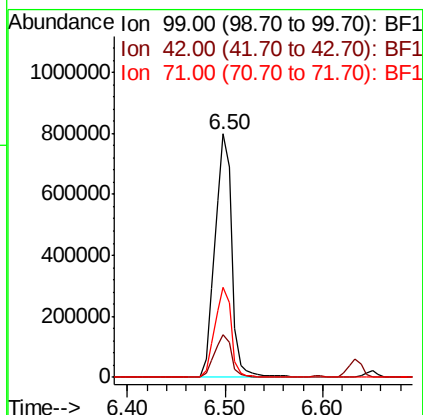
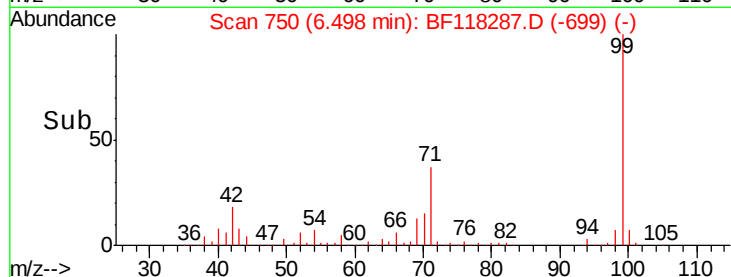
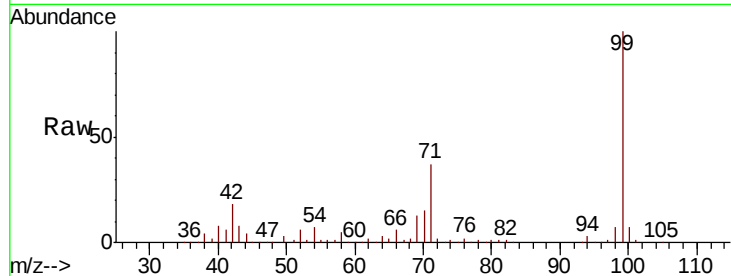
ClientSampleId :

178K-WC1MSD

Tot Ion:	99	Resp:	956174
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	36.9	29.7	44.5

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#8

2-Chlorophenol

Concen: 48.875 ng

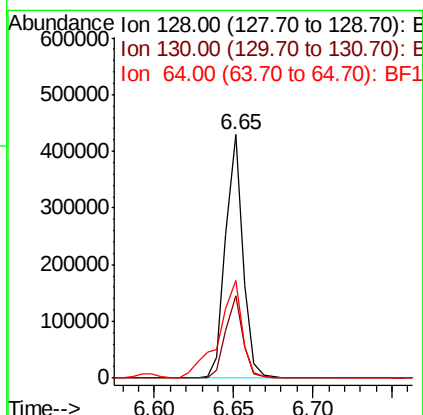
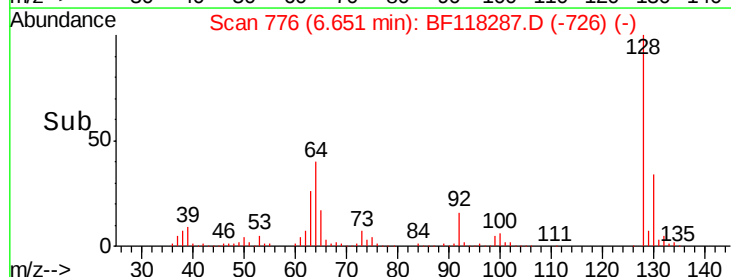
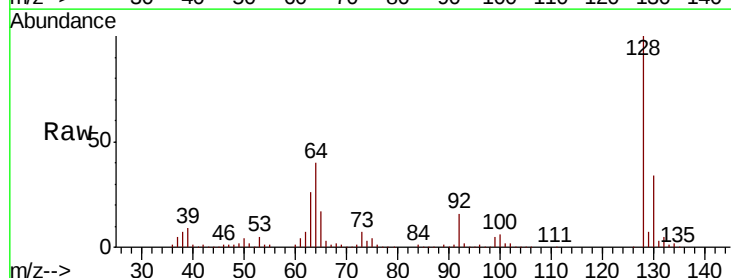
RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:	128	Resp:	325760
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.1	52.1
64	40.3	19.3	59.3





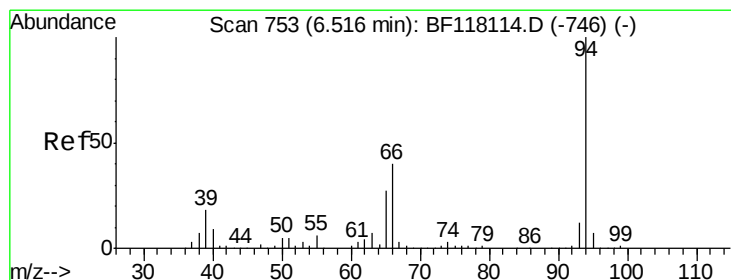
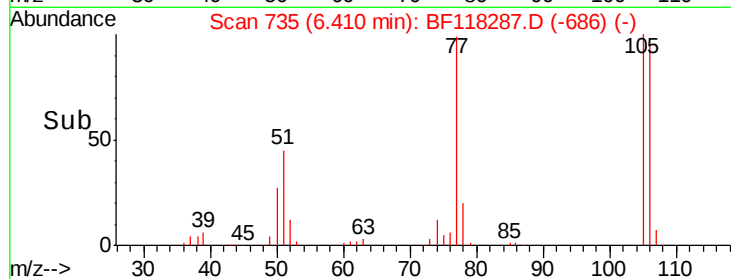
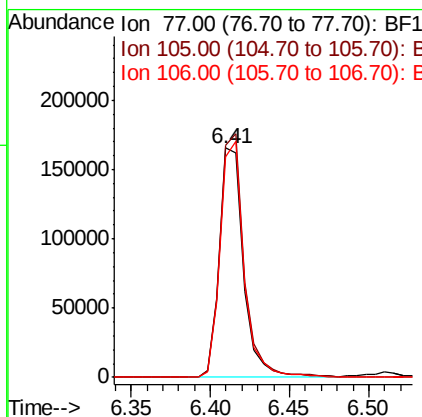
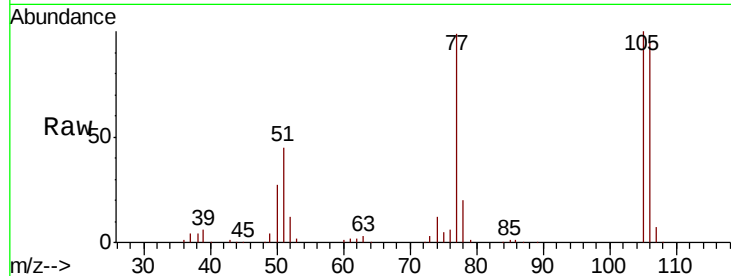
#9
Benzaldehyde
Concen: 51.211 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	86.4	126.4
106	96.4	83.8	123.8

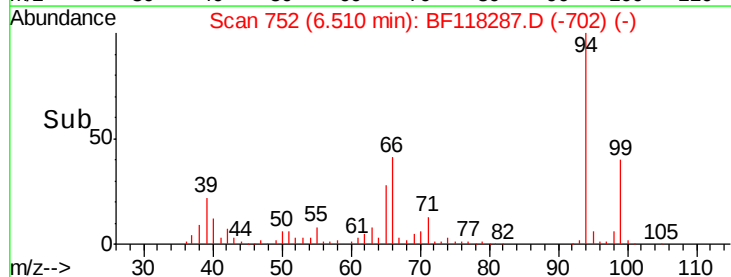
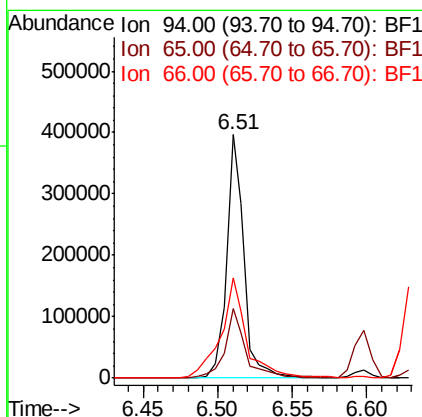
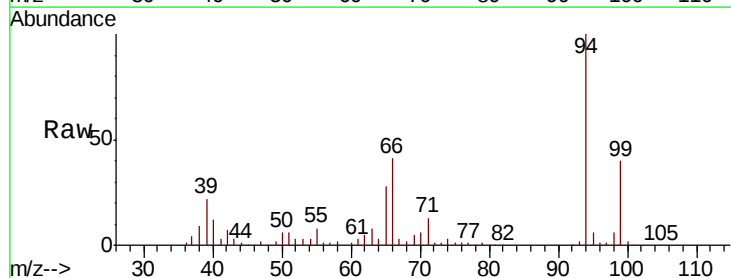
Manual Integrations
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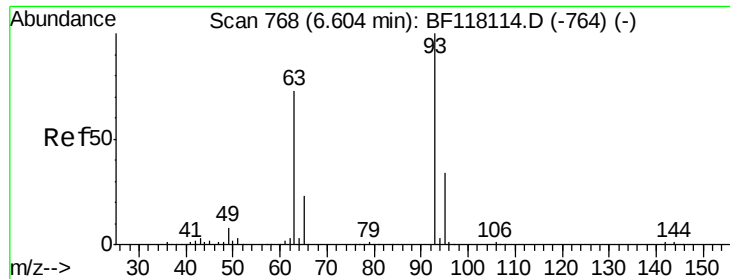
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#10
Phenol
Concen: 40.455 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.3	47.3
66	41.4	20.2	60.2





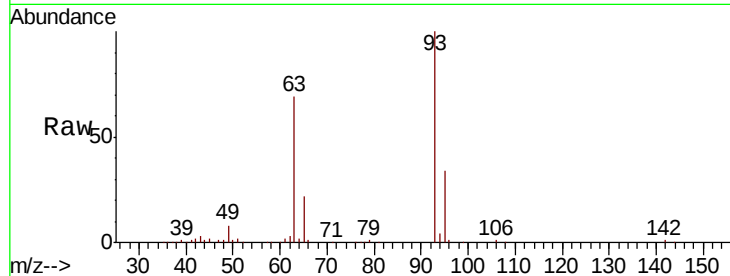
#11
bis(2-Chloroethyl)ether
Concen: 48.404 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.3	53.2	93.2
95	33.6	13.8	53.8

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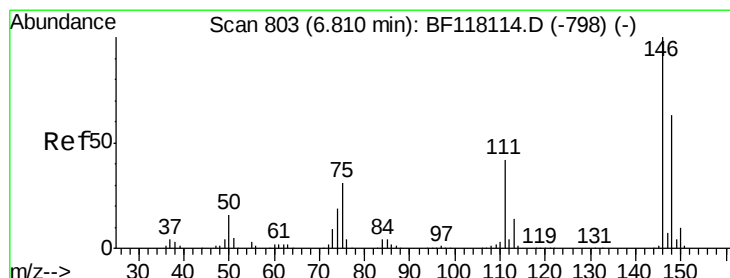
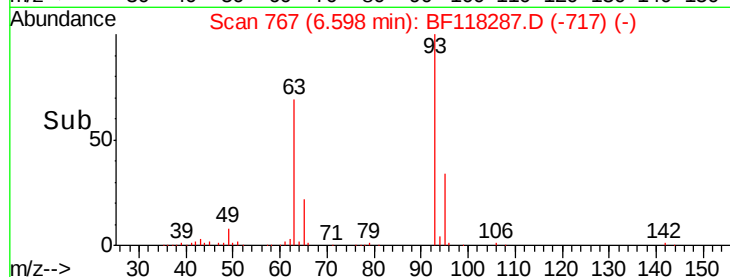
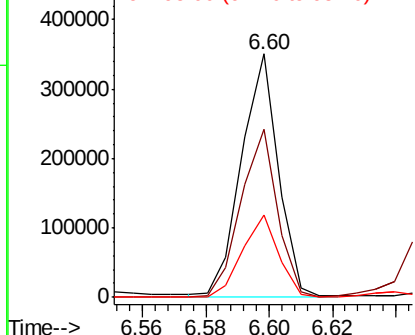


Abundance

Ion 93.00 (92.70 to 93.70): BF1

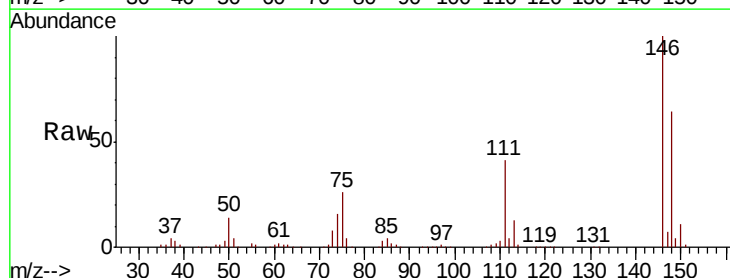
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 44.543 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.4
75	26.3	24.6	37.0

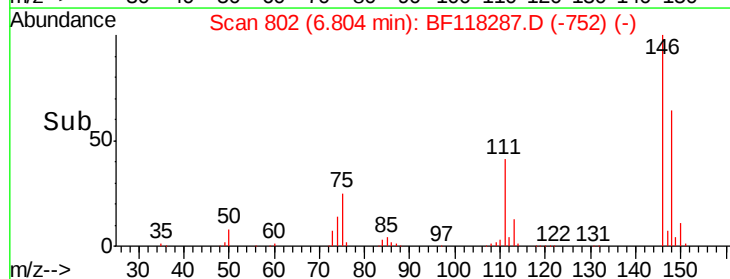
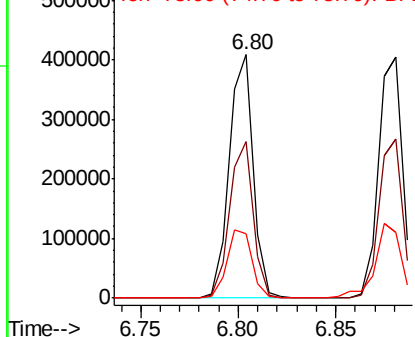


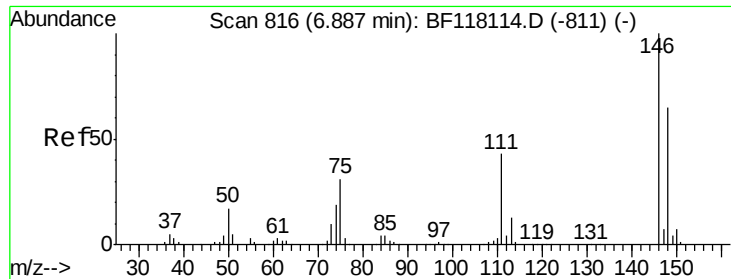
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





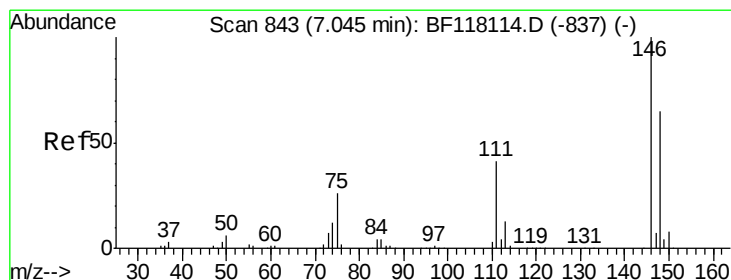
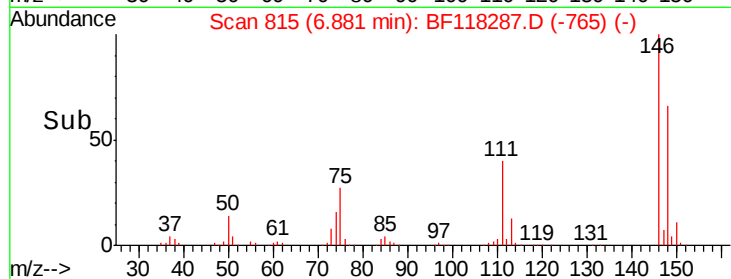
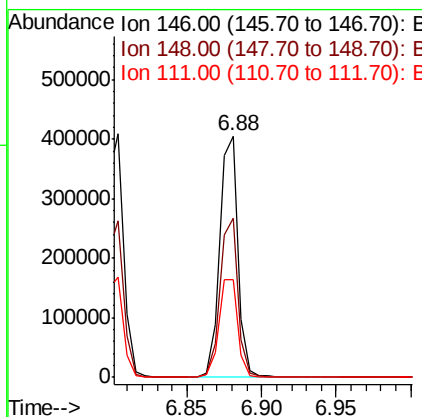
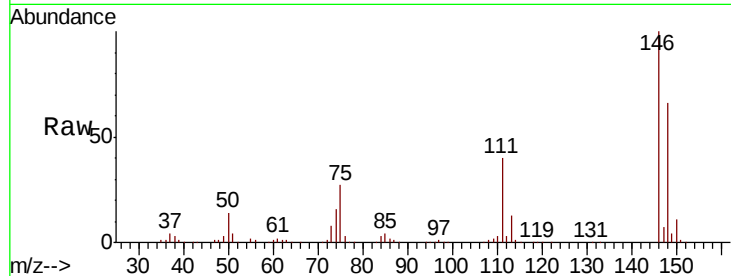
#13
1,4-Dichlorobenzene
Concen: 44.704 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.1	78.1
111	40.3	34.6	52.0

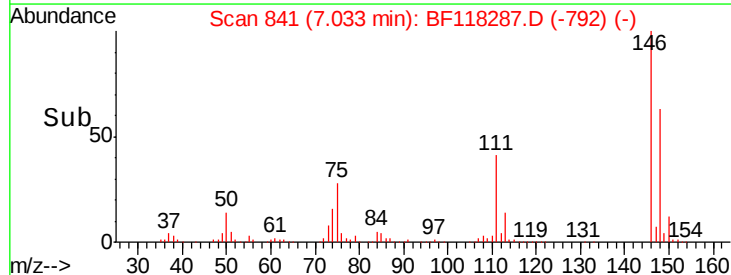
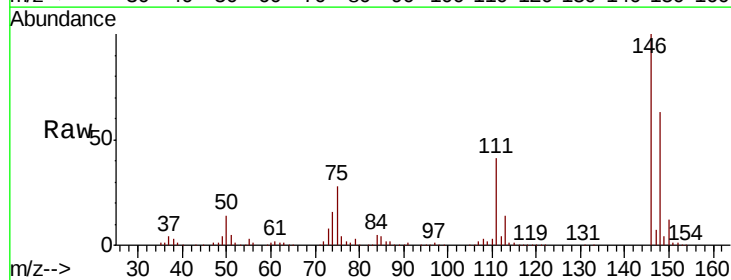
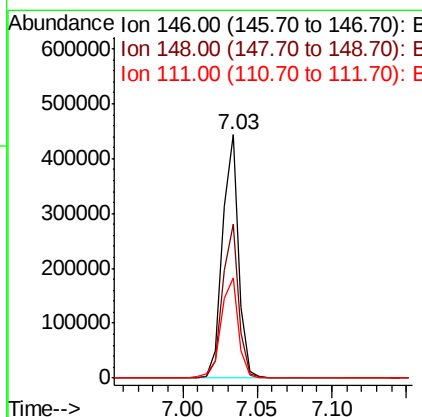
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#14
1,2-Dichlorobenzene
Concen: 45.996 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	41.4	33.1	49.7





#15

Benzyl Alcohol

Concen: 48.631 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

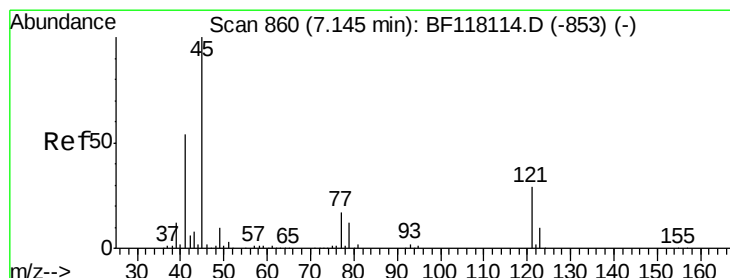
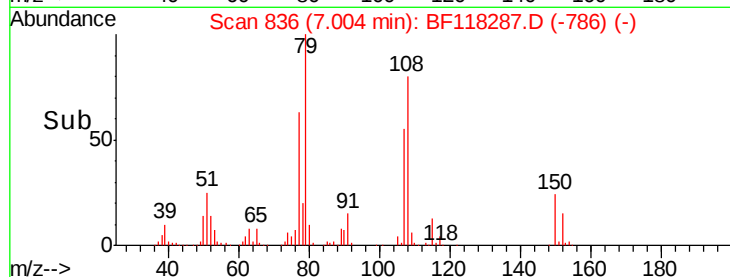
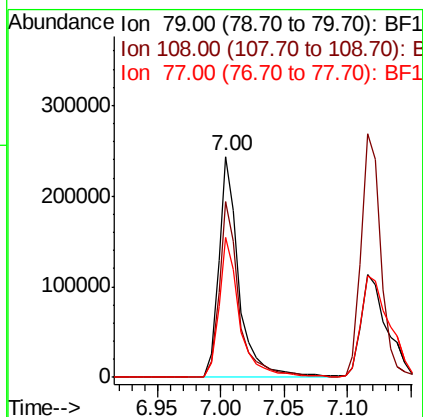
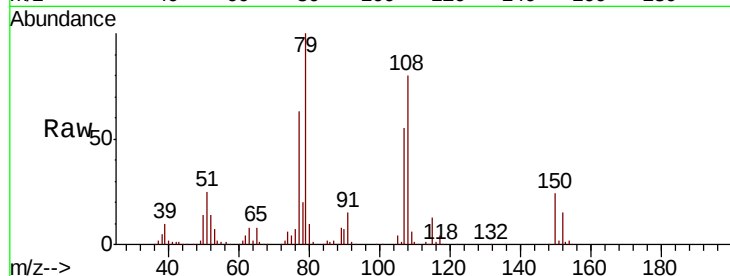
ClientSampleId :

178K-WC1MSD

Tot Ion:	79	Resp:	271411
Ion	Ratio	Lower	Upper
79	100		
108	79.7	62.7	94.1
77	63.2	51.4	77.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.818 ng

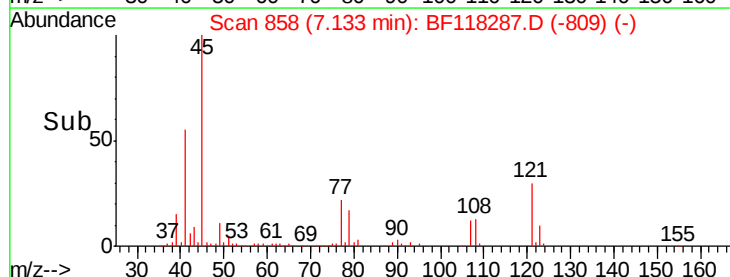
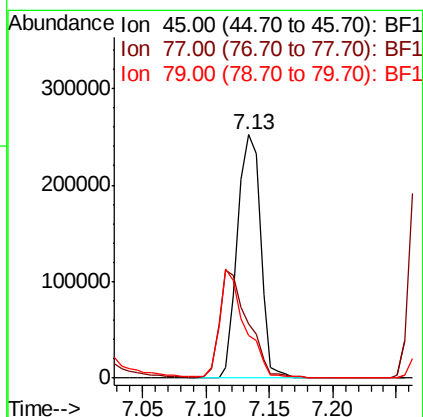
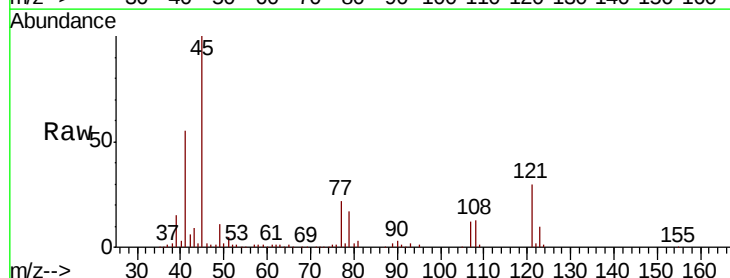
RT: 7.13 min Scan# 858

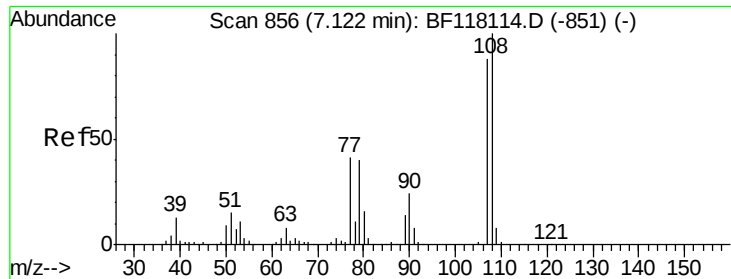
Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:	45	Resp:	317780
Ion	Ratio	Lower	Upper
45	100		
77	22.1	0.0	38.0
79	17.5	0.0	33.2





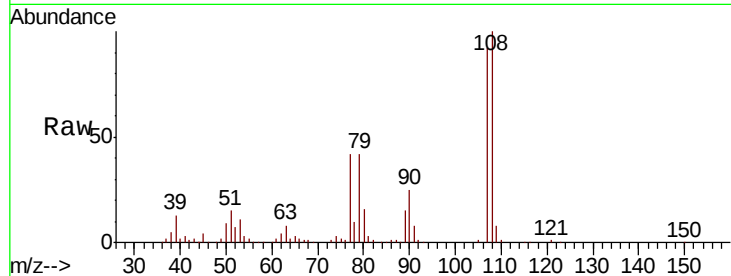
#17
2-Methylphenol
Concen: 49.097 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	260273		
108	108.8	91.1	136.7	
77	45.3	37.8	56.6	
79	45.8	37.0	55.6	

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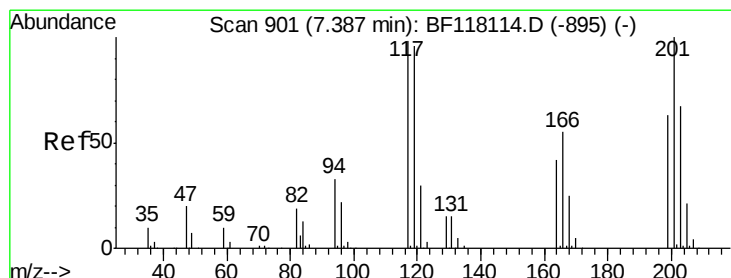
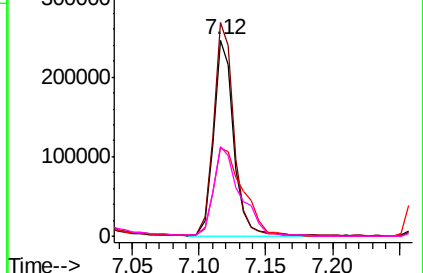
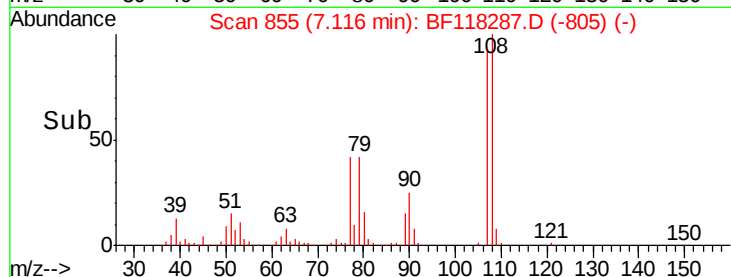
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

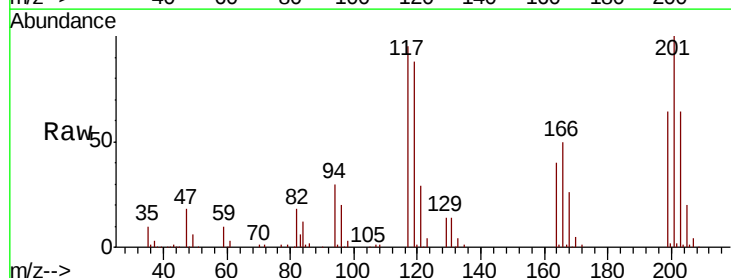
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.252 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127842		
119	93.1	78.2	117.4	
201	105.4	81.6	122.4	

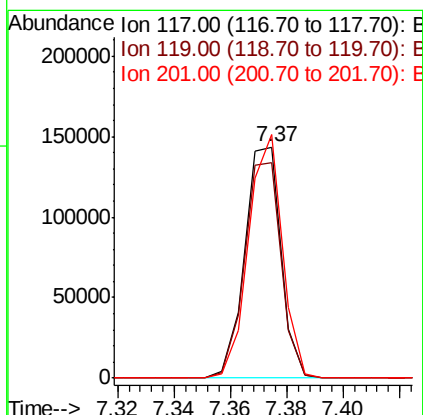
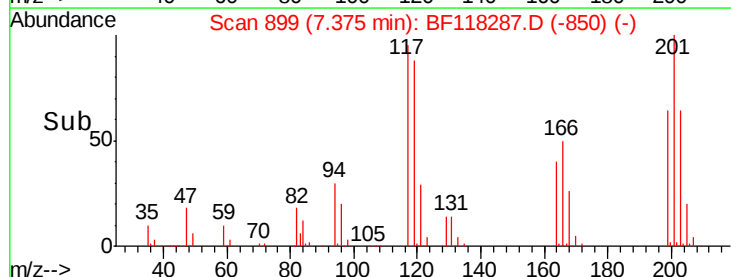


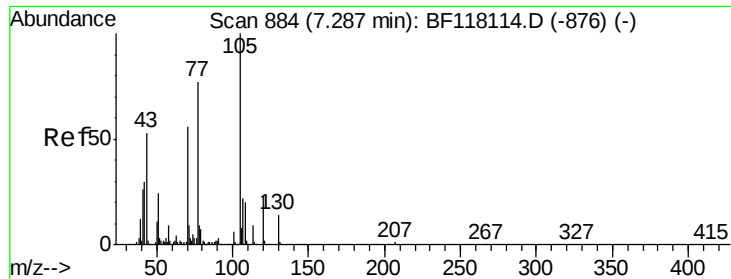
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





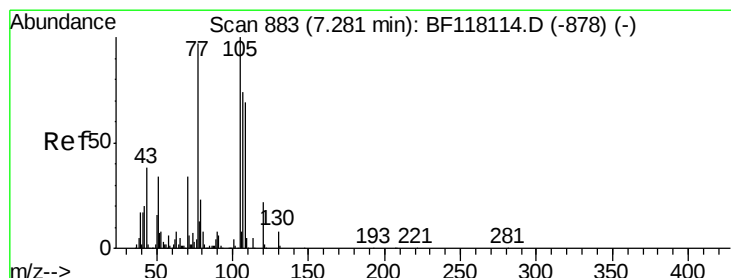
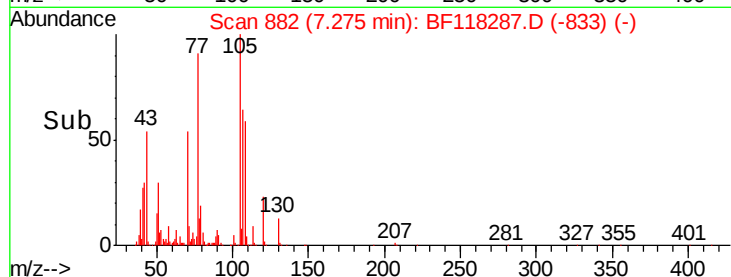
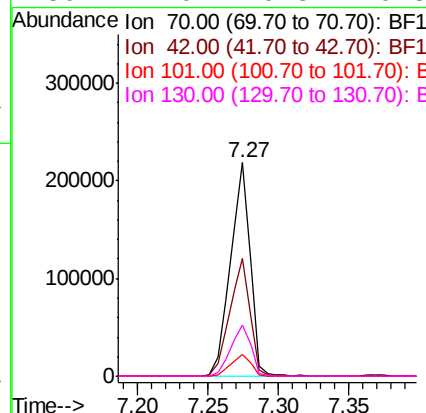
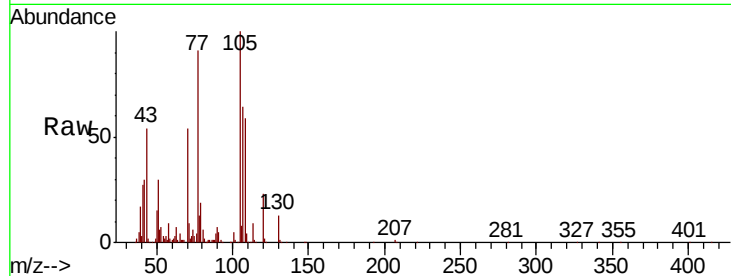
#19
n-Nitroso-di-n-propylamine
Concen: 48.957 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.2	64.8
101	9.9	8.1	12.1
130	24.0	19.8	29.8

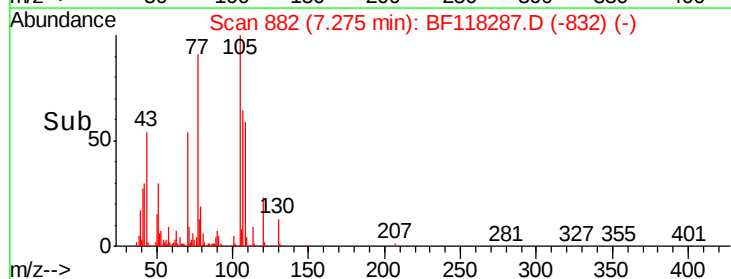
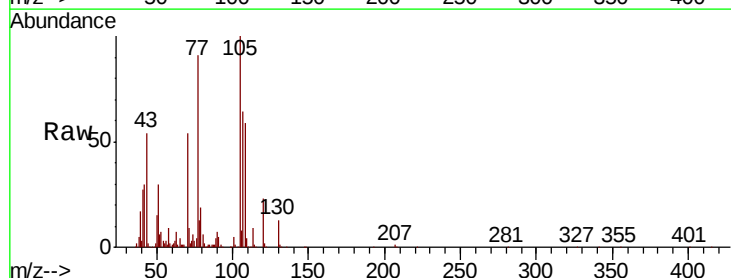
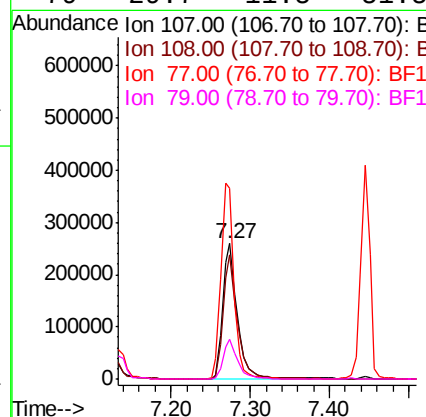
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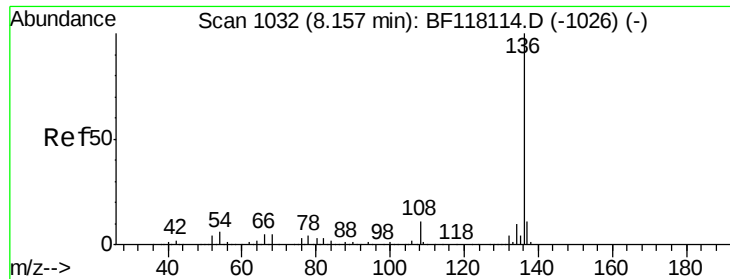
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#20
3+4-Methylphenols
Concen: 49.264 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	73.2	113.2
77	141.5	110.9	150.9
79	29.7	11.5	51.5





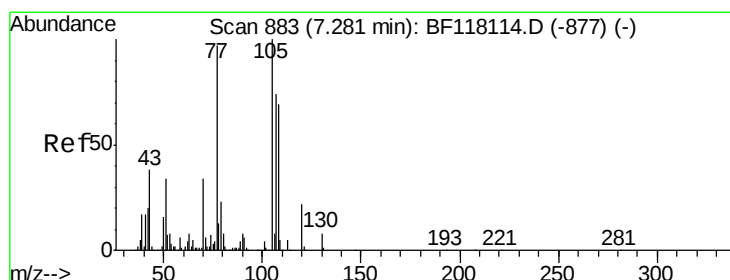
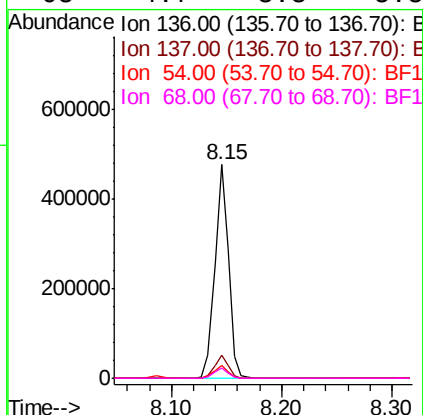
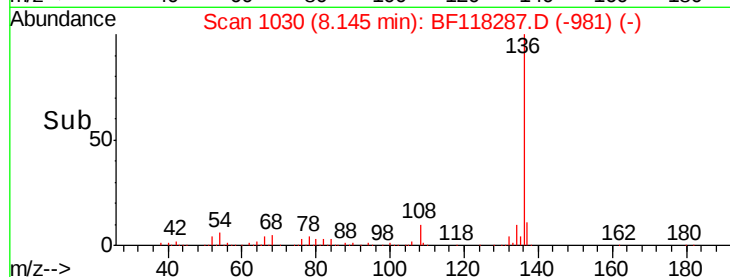
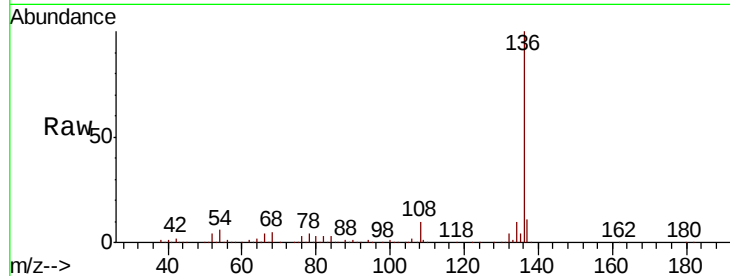
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		401835		
137	10.9	9.0	13.6		
54	5.9	5.0	7.6		
68	4.7	3.8	5.8		

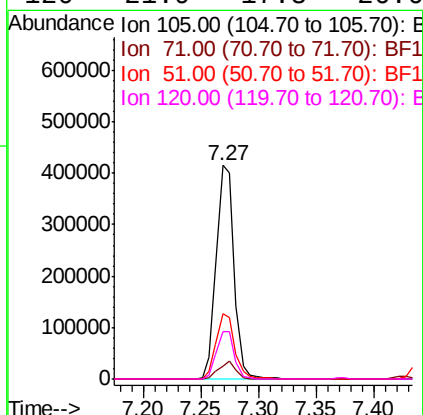
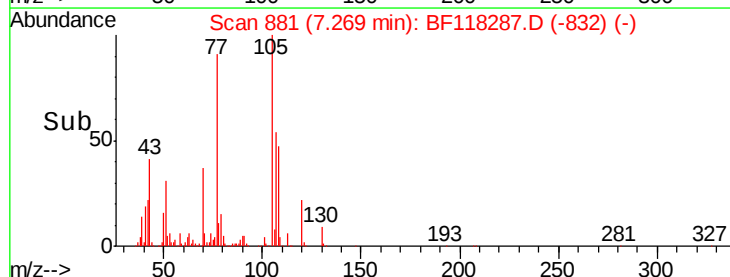
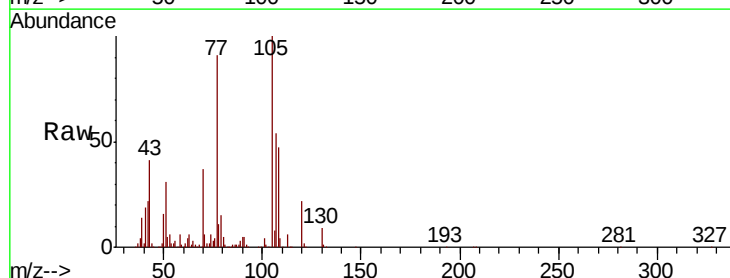
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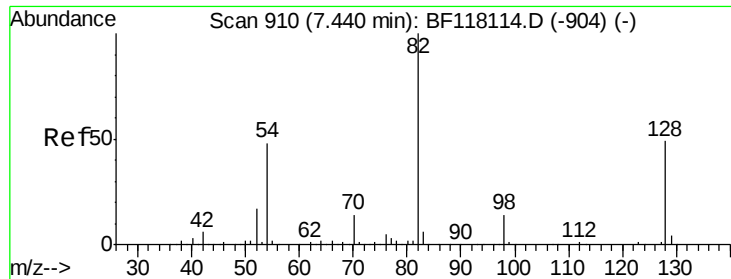
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#22
Acetophenone
Concen: 46.343 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		447395		
71	6.2	4.7	7.1		
51	30.6	27.1	40.7		
120	21.9	17.8	26.6		





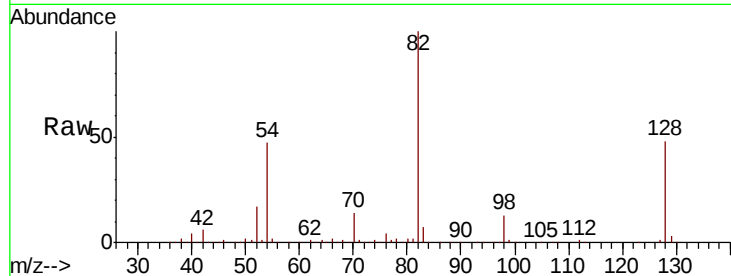
#23
Nitrobenzene-d5
Concen: 91.886 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

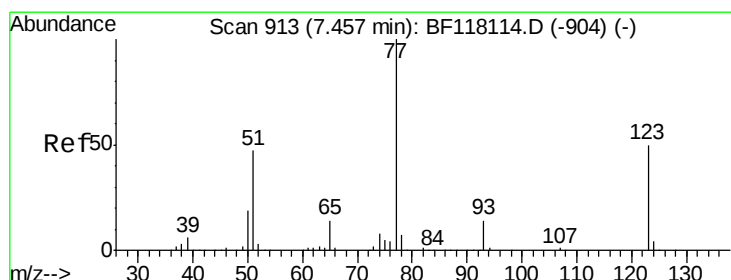
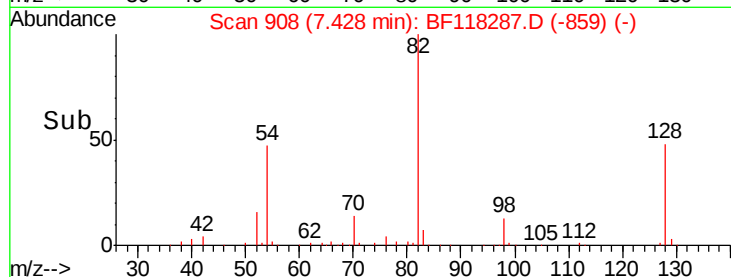
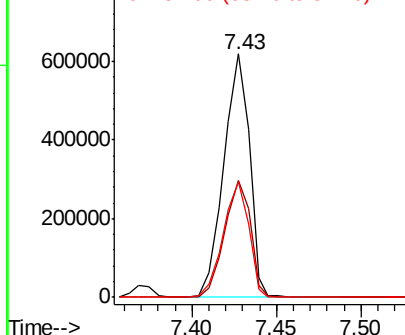
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.1	58.7
54	47.2	38.2	57.2

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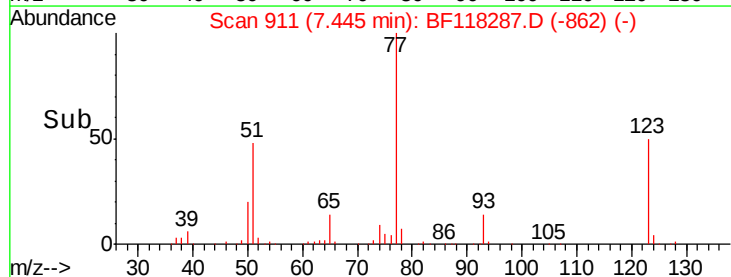
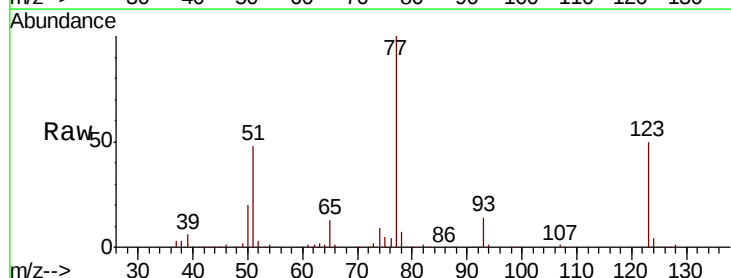
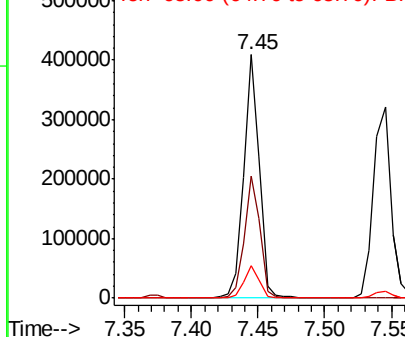
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

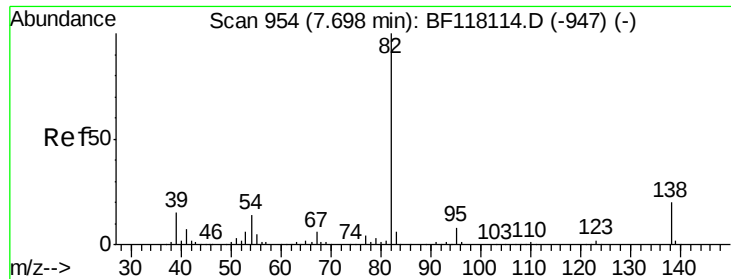


#24
Nitrobenzene
Concen: 46.609 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.1	60.1
65	13.5	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: 48.978 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

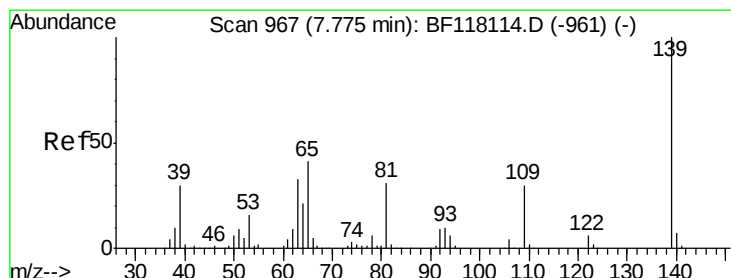
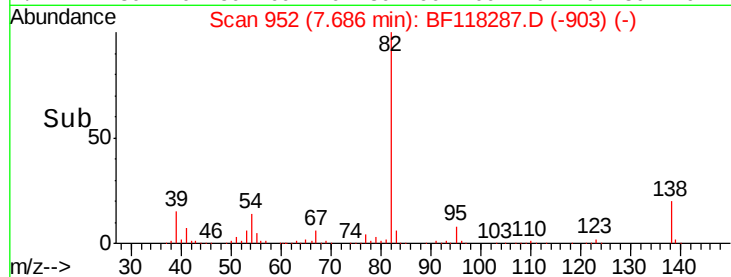
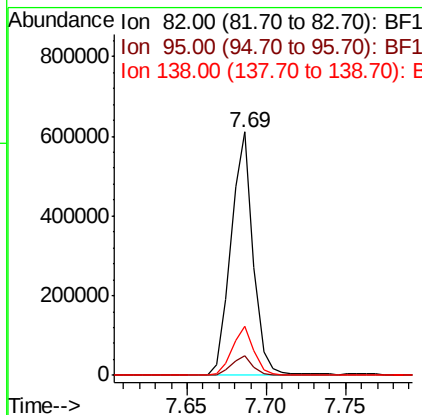
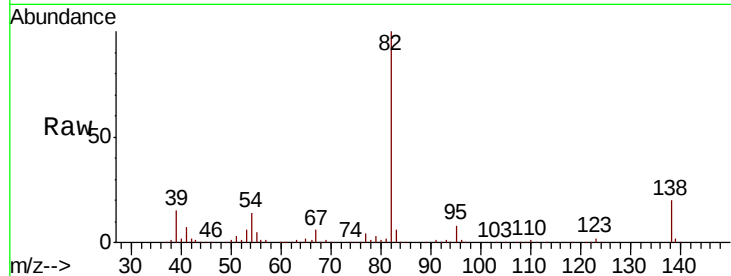
ClientSampleId :

178K-WC1MSD

Tot Ion:	82	Resp:	593047
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.3	9.5
138	20.1	16.3	24.5

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#26

2-Nitrophenol

Concen: 49.008 ng

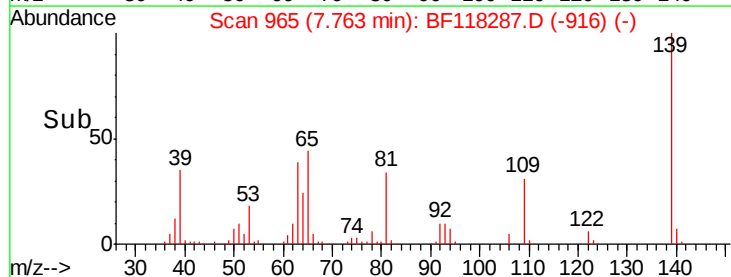
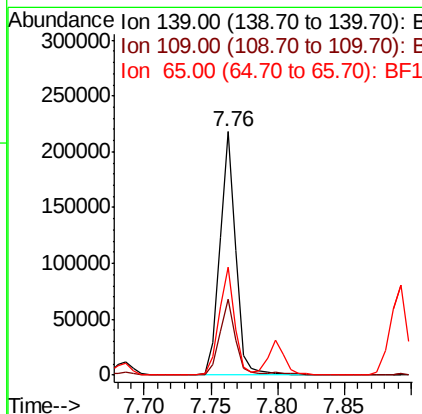
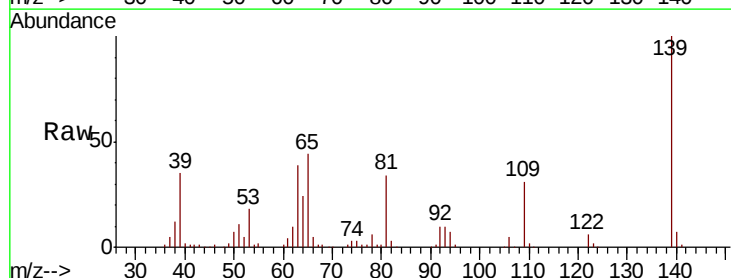
RT: 7.76 min Scan# 965

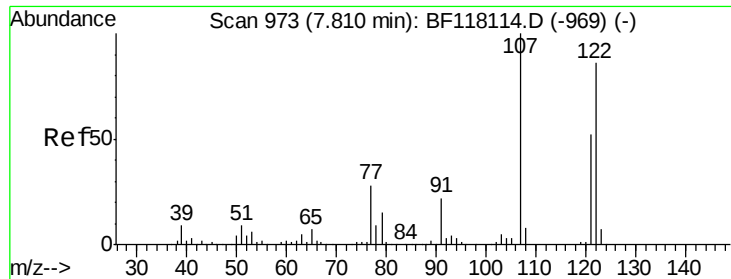
Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:	139	Resp:	183821
Ion Ratio		Lower	Upper
139	100		
109	31.3	23.9	35.9
65	44.4	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 55.598 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

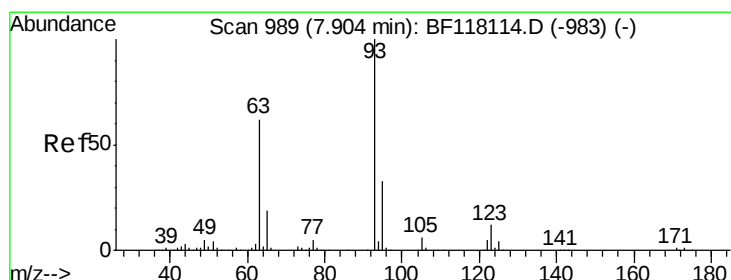
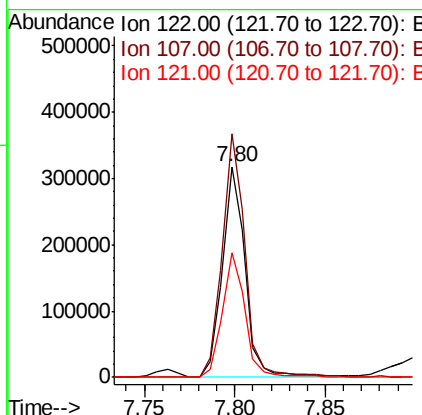
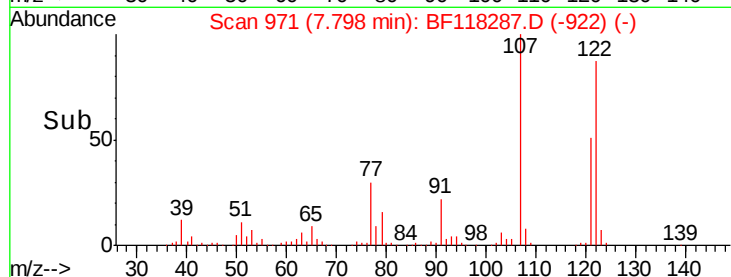
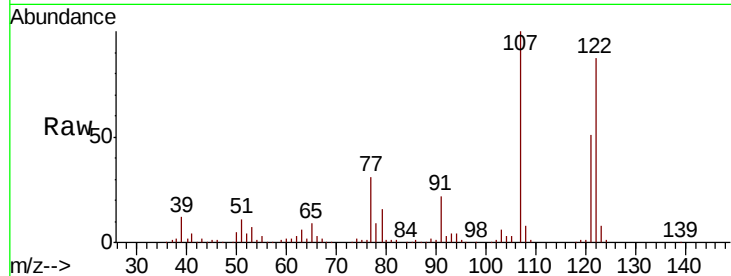
ClientSampleId :

178K-WC1MSD

Tot Ion:	122	Resp:	278169
Ion Ratio	Lower	Upper	
122	100		
107	115.4	92.9	139.3
121	59.0	48.3	72.5

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 46.035 ng

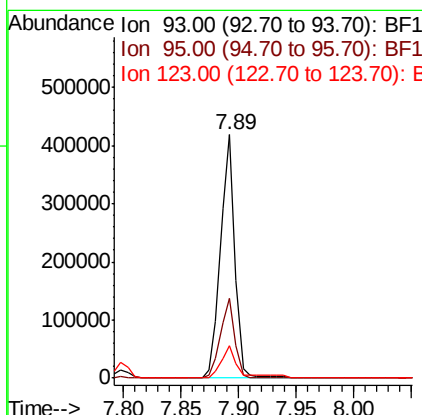
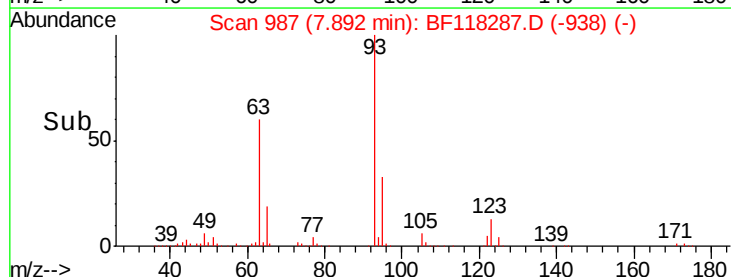
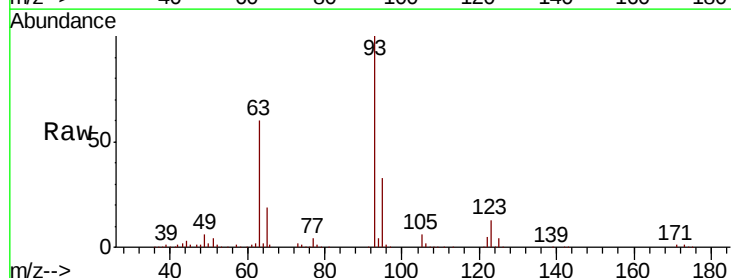
RT: 7.89 min Scan# 987

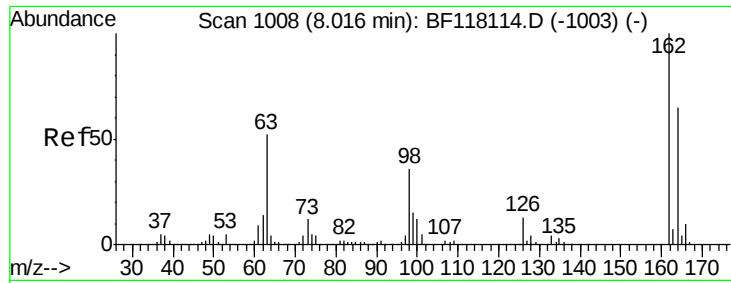
Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:	93	Resp:	364234
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.7	40.1
123	13.2	10.0	15.0





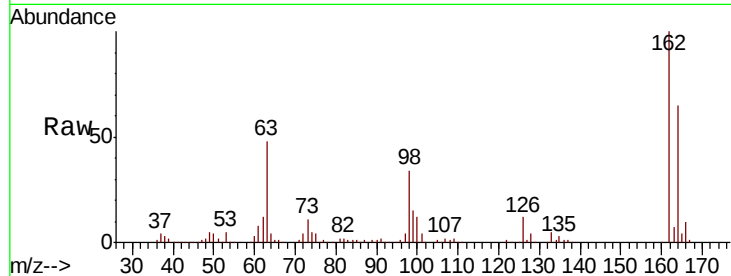
#29
2,4-Dichlorophenol
Concen: 48.863 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	285002		
164	64.6	45.2	85.2	
98	33.9	15.9	55.9	

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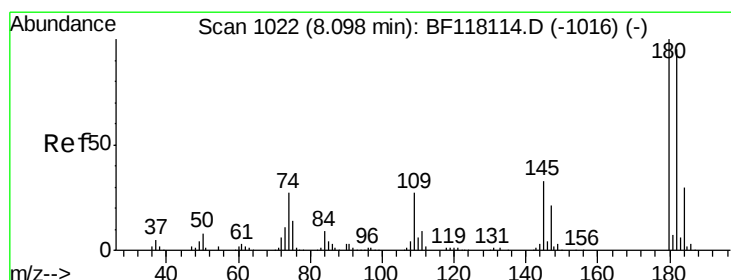
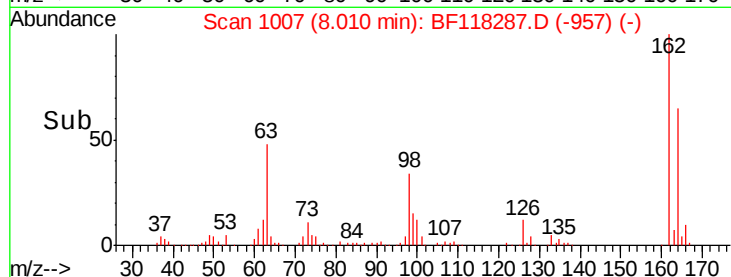
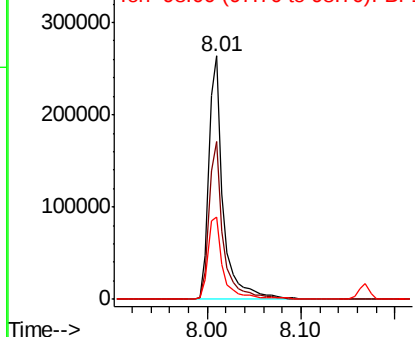


Abundance

Ion 162.00 (161.70 to 162.70): E

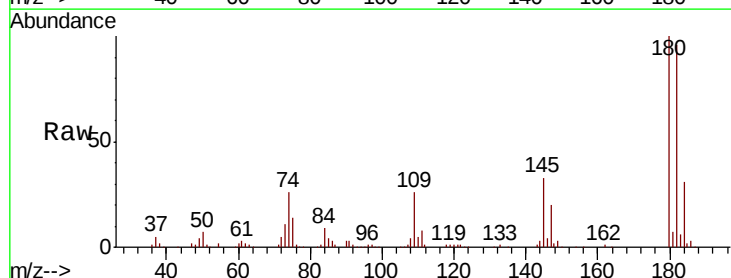
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.985 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306631		
182	95.6	76.1	114.1	
145	33.1	26.1	39.1	

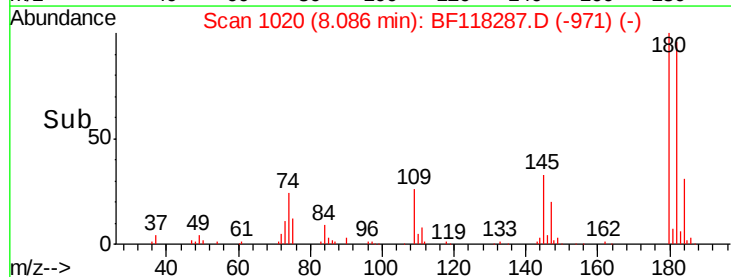
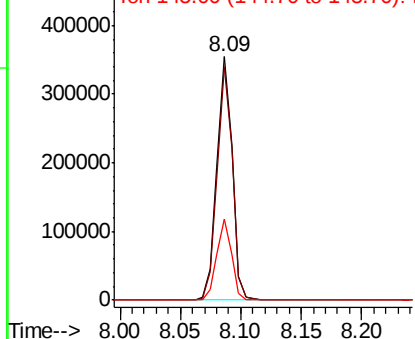


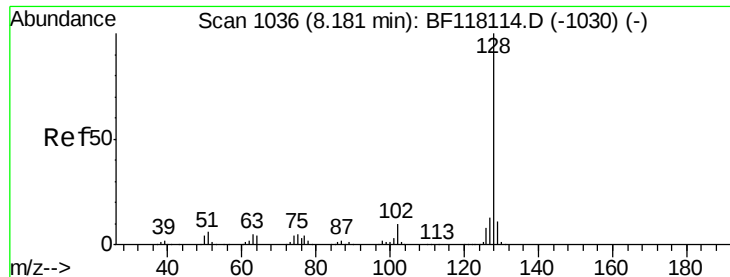
Abundance

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





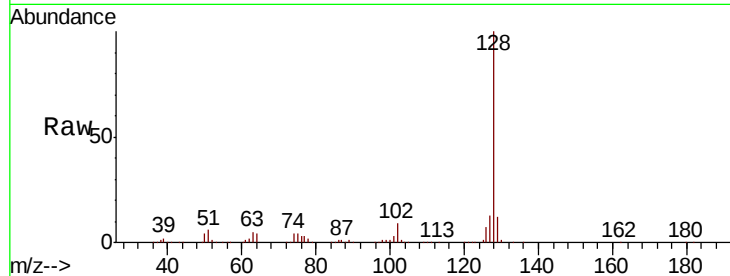
#31
Naphthalene
Concen: 48.380 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.3	10.6	16.0

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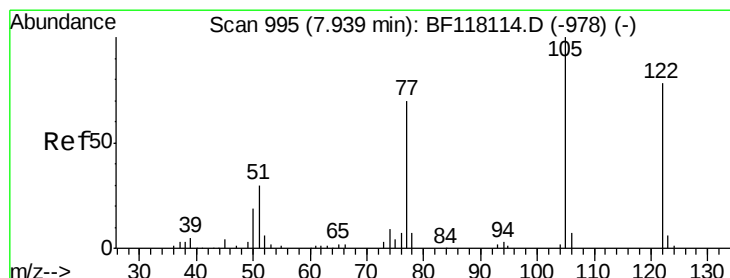
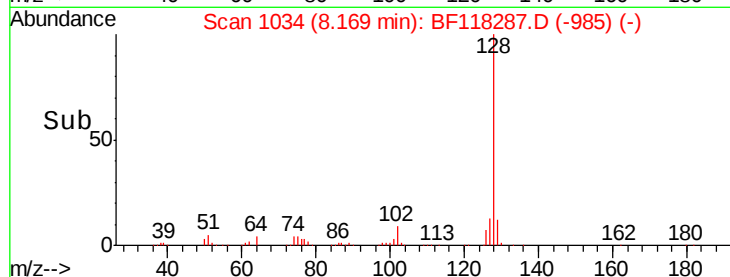
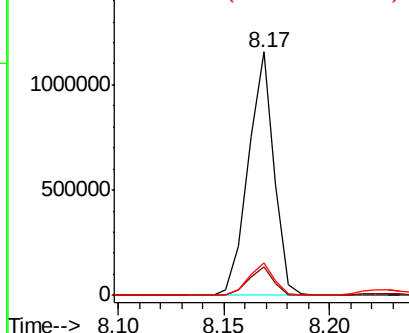


Abundance

Ion 128.00 (127.70 to 128.70): E

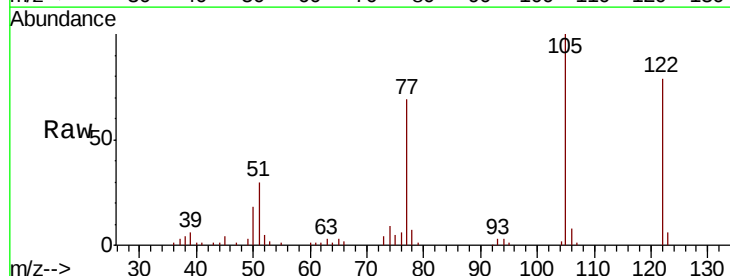
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.705 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	104.7	144.7
77	86.3	69.1	109.1

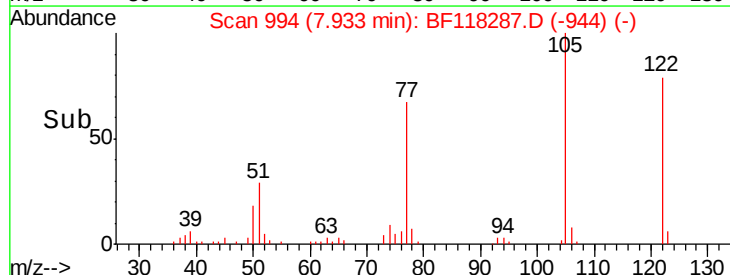
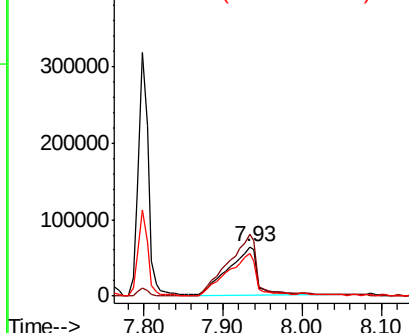


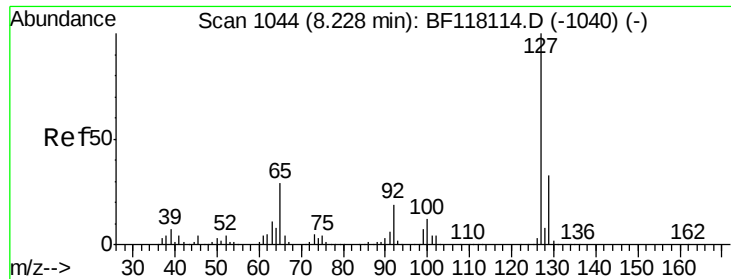
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





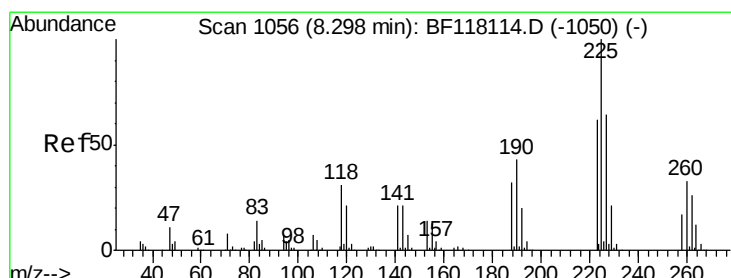
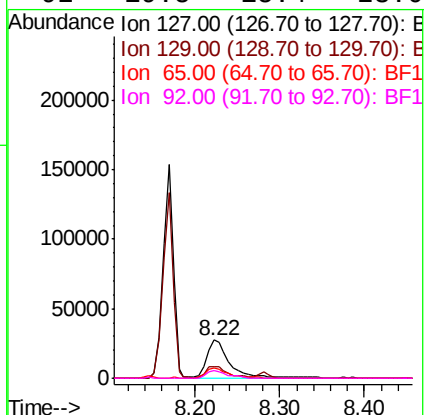
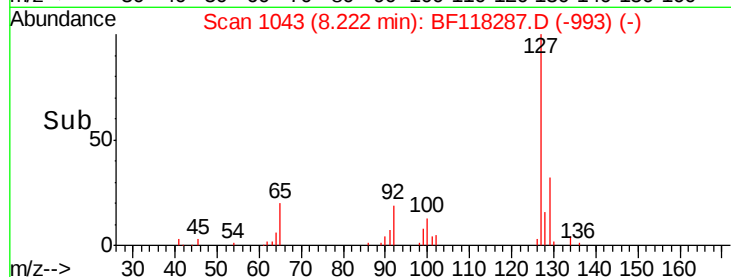
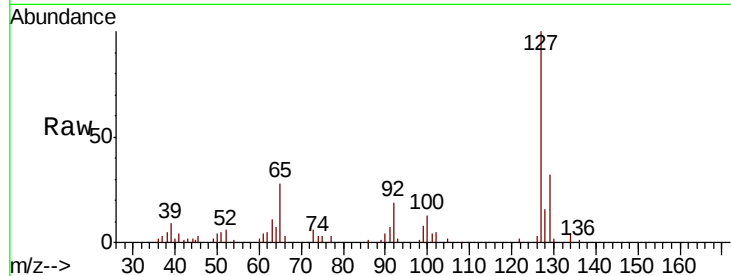
#33
4-Chloroaniline
Concen: 5.824 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.6	40.0		
65	28.2	23.2	34.8		
92	19.5	15.4	23.0		

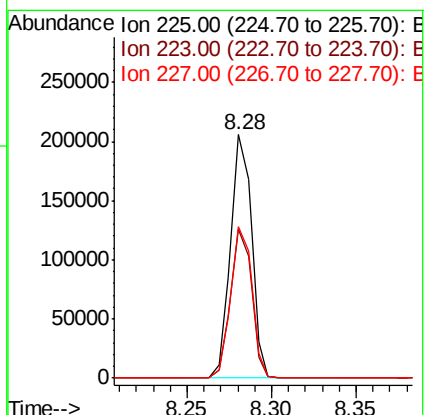
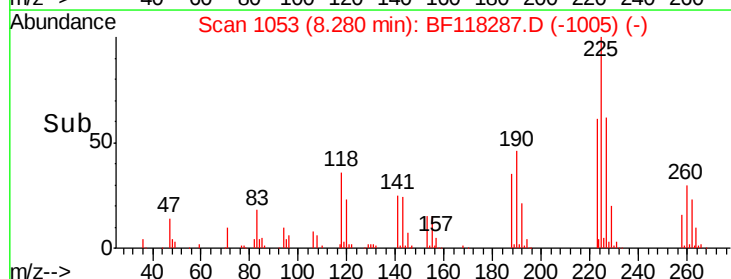
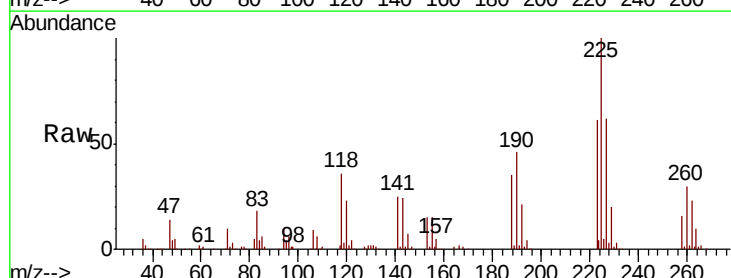
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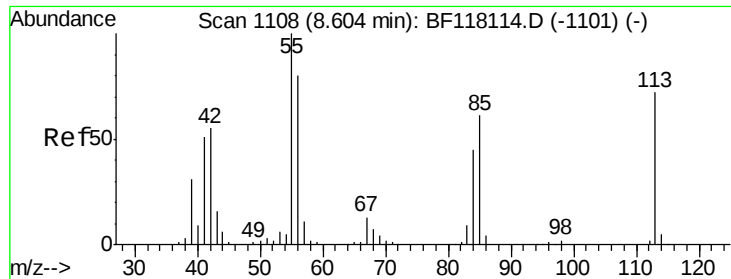
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#34
Hexachlorobutadiene
Concen: 43.688 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	49.6	74.4		
227	62.4	51.0	76.6		





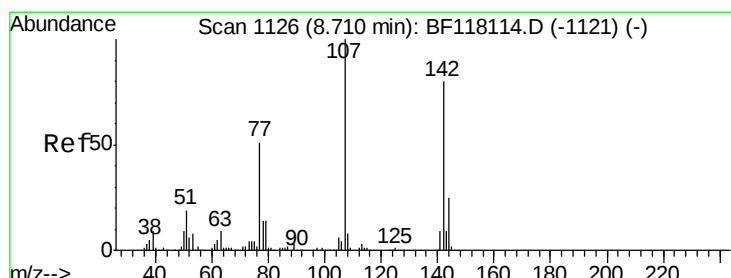
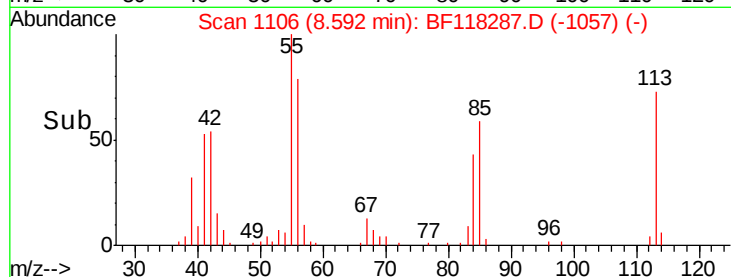
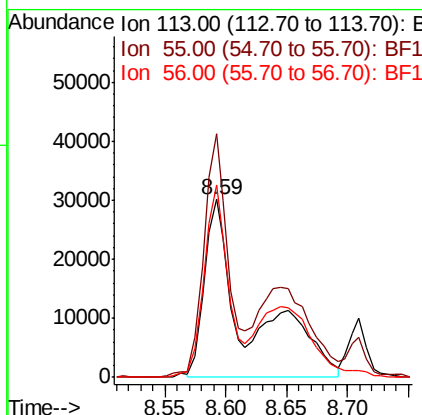
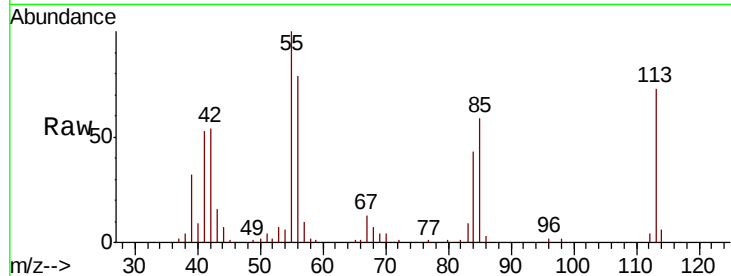
#35
Caprolactam
Concen: 41.949 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion: 113 Resp: 75454
Ion Ratio Lower Upper
113 100
55 137.0 118.9 158.9
56 108.4 91.4 131.4

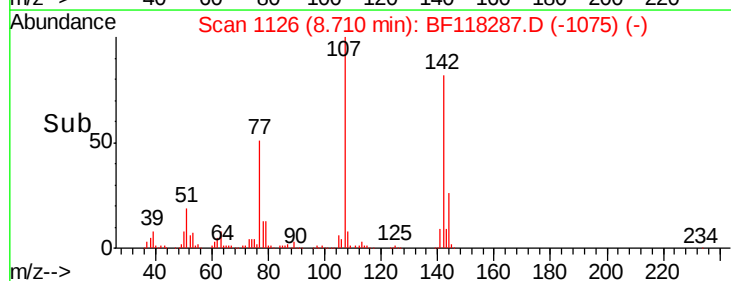
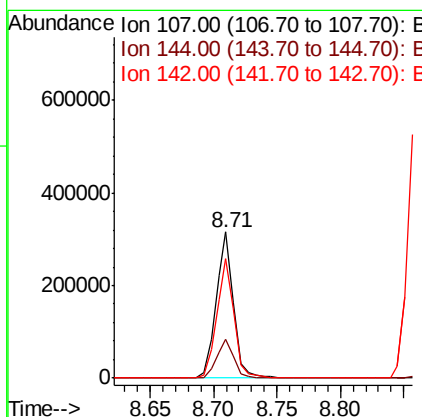
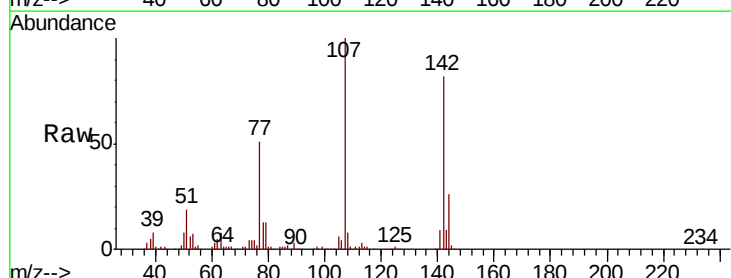
Manual Integrations
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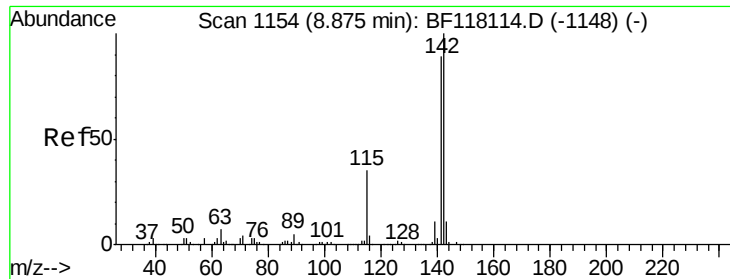
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#36
4-Chloro-3-methylphenol
Concen: 49.524 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion: 107 Resp: 303981
Ion Ratio Lower Upper
107 100
144 26.2 20.3 30.5
142 82.1 63.7 95.5





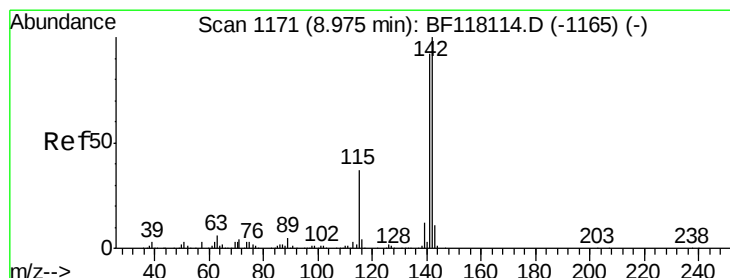
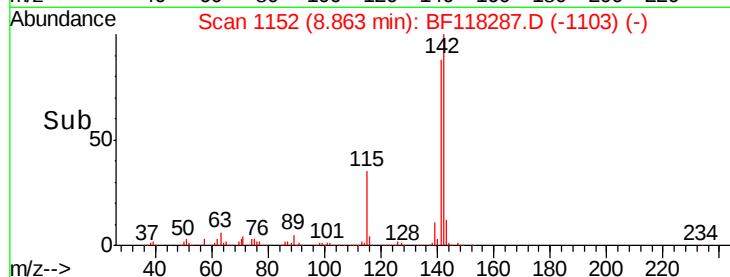
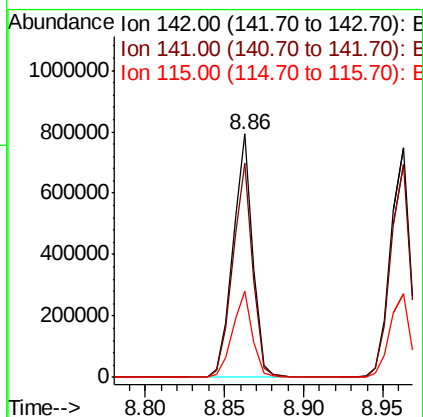
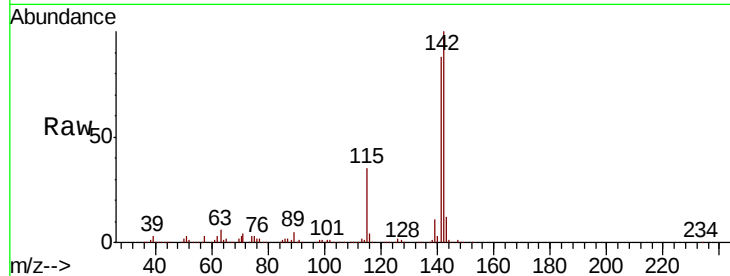
#37
2-Methylnaphthalene
Concen: 50.021 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	35.3	28.2	42.4

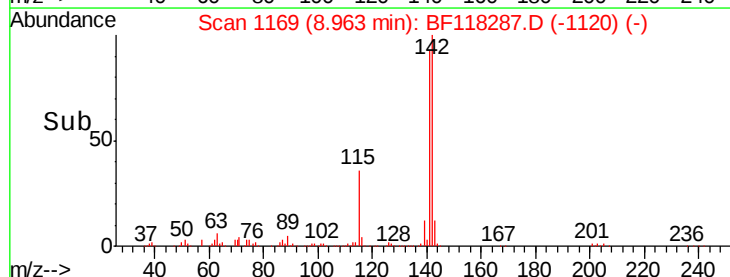
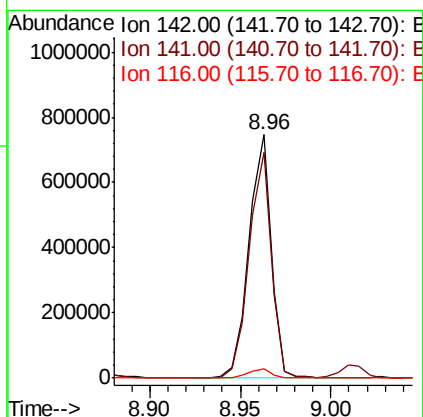
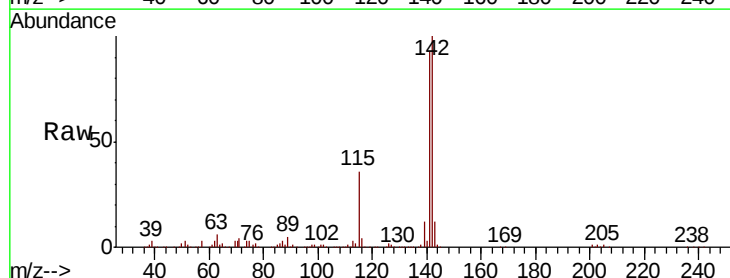
Manual Integrations
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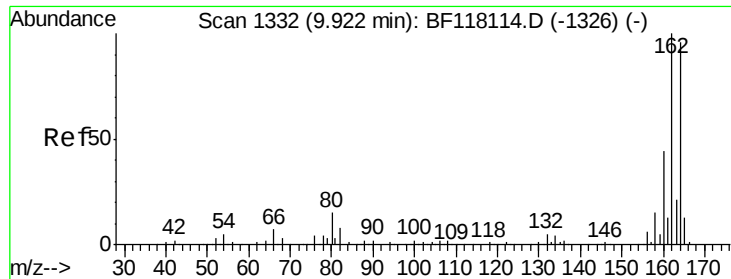
Sohil
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#38
1-Methylnaphthalene
Concen: 49.640 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	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: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

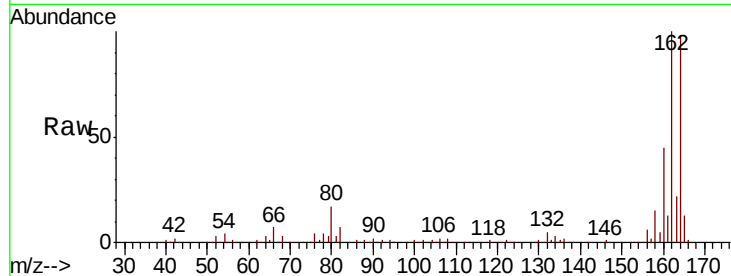
ClientSampleId :

178K-WC1MSD

Tot Ion:	164	Resp:	213341
Ion Ratio	Lower	Upper	
164	100		
162	101.7	83.4	125.0
160	45.5	36.6	54.8

Manual Integrations
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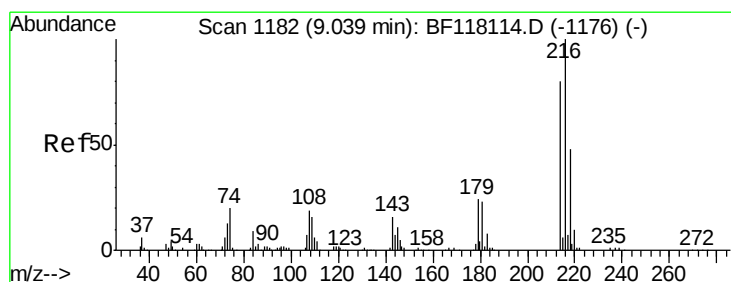
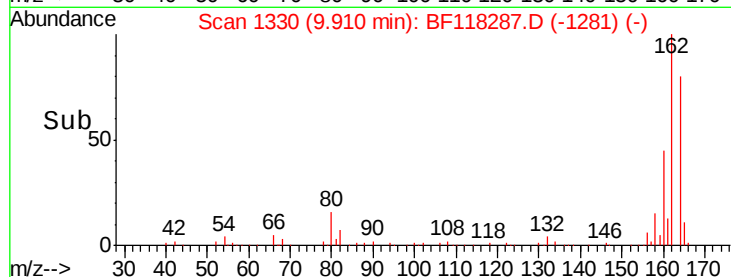
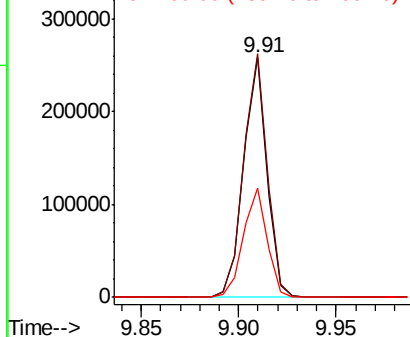


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.028 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:	216	Resp:	297471
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.4	95.2
179	23.6	18.6	27.8
108	20.6	15.4	23.0

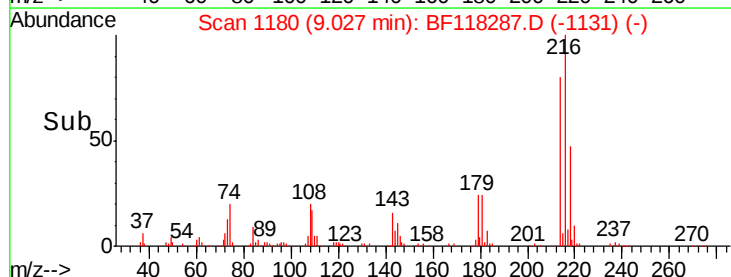
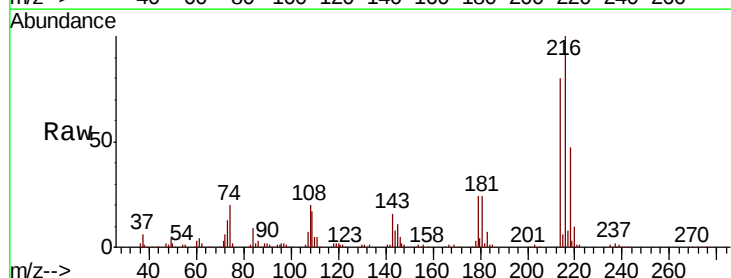
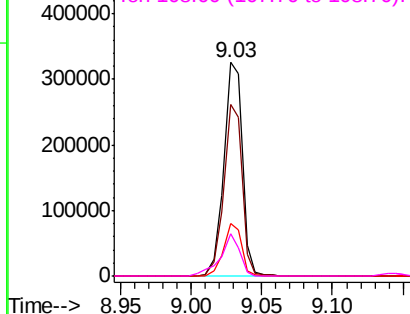
Abundance

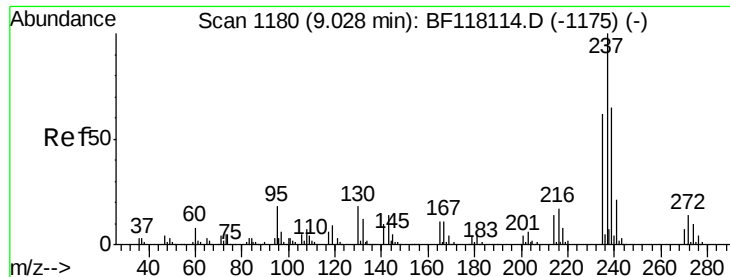
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





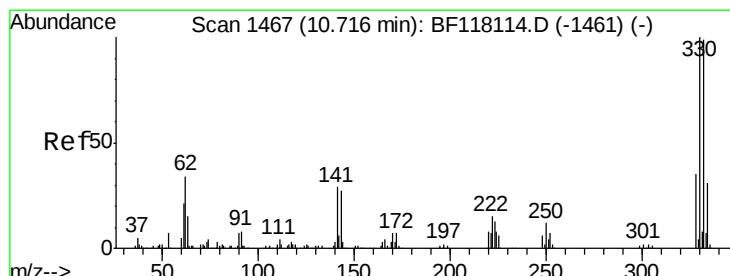
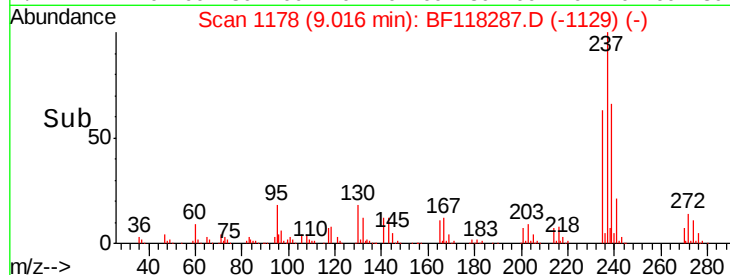
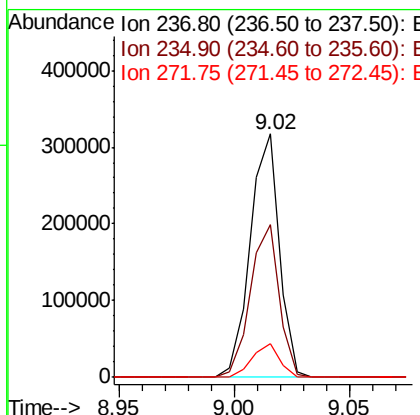
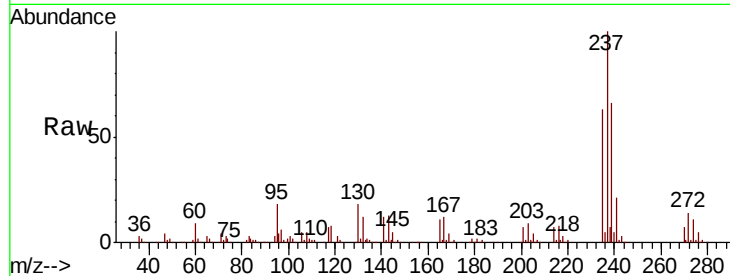
#41
Hexachlorocyclopentadiene
Concen: 96.935 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	41.5	81.5
272	13.6	0.0	33.7

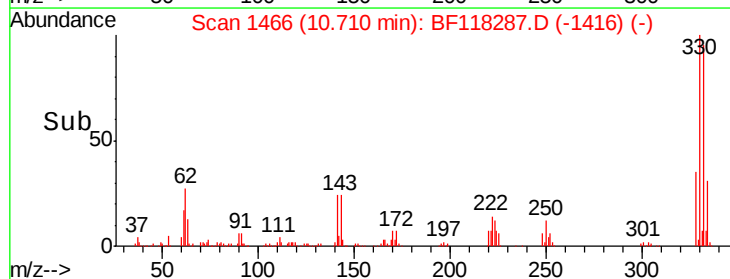
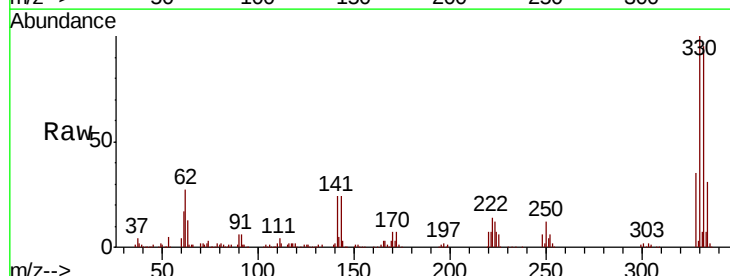
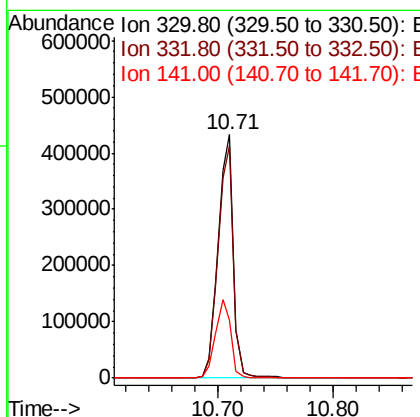
Manual Integrations
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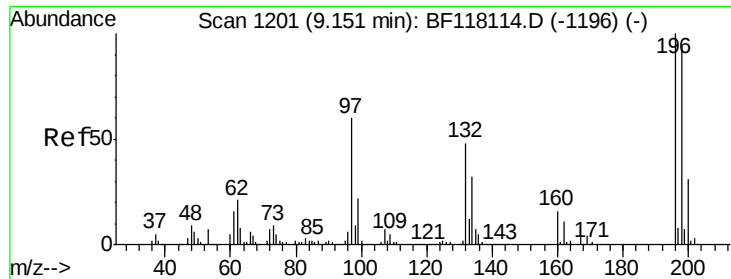
Sohil
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#42
2,4,6-Tribromophenol
Concen: 153.646 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	78.1	117.1
141	32.4	26.9	40.3





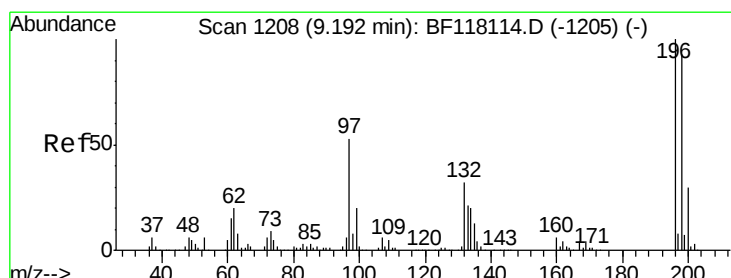
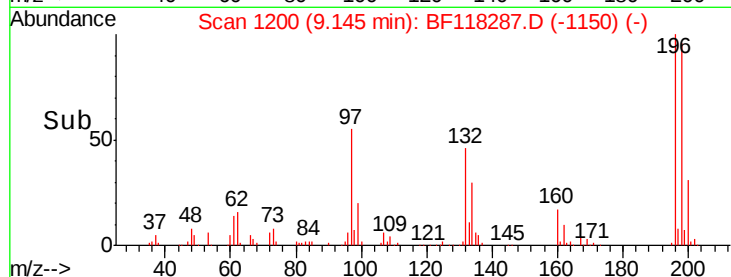
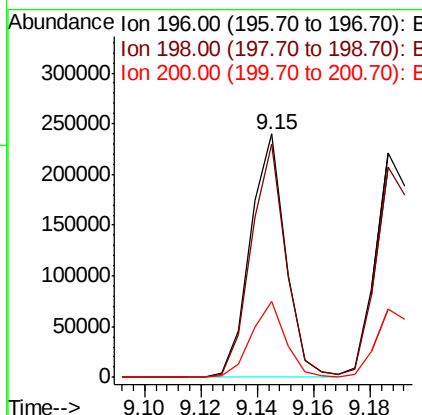
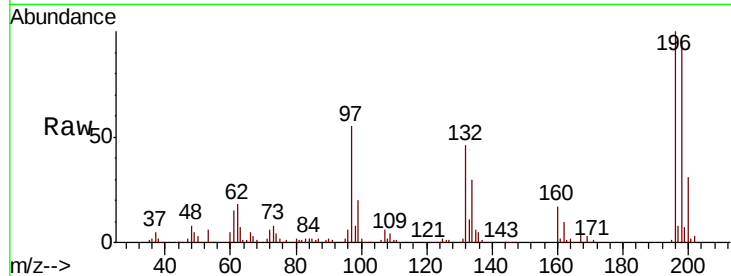
#43
 2,4,6-Trichlorophenol
 Concen: 48.181 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207908		
198	95.6	75.0	112.4	
200	31.0	24.5	36.7	

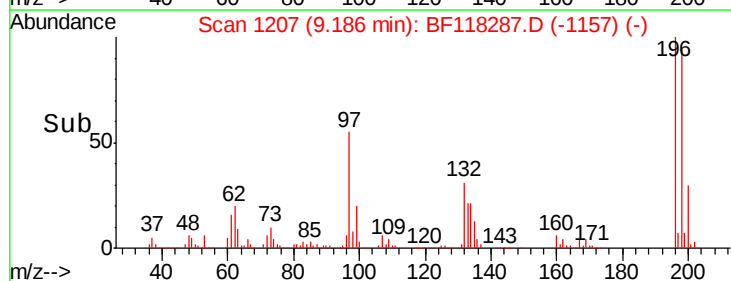
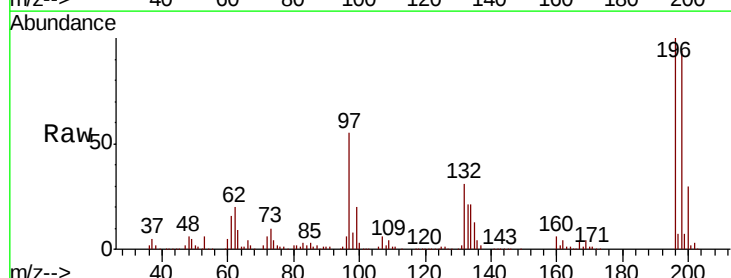
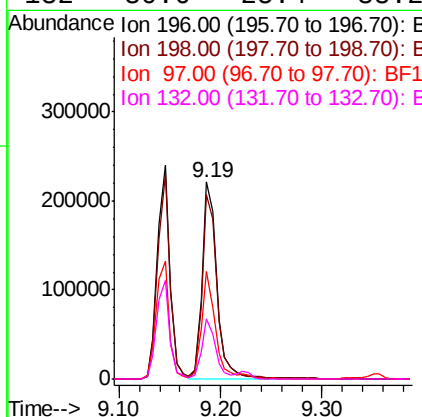
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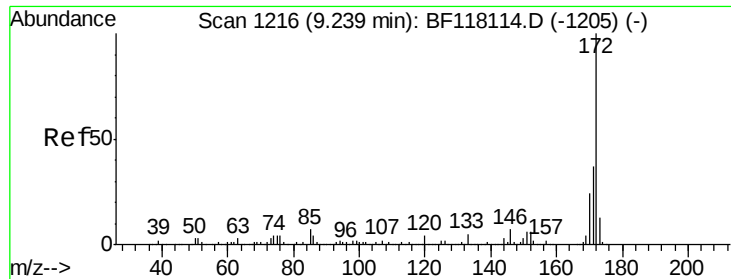
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#44
 2,4,5-Trichlorophenol
 Concen: 50.294 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224847		
198	93.8	74.2	111.4	
97	54.8	42.5	63.7	
132	30.6	25.4	38.2	





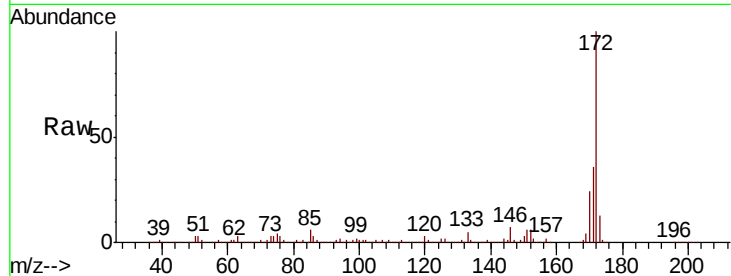
#45
2-Fluorobiphenyl
Concen: 97.864 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.8	19.4	29.2

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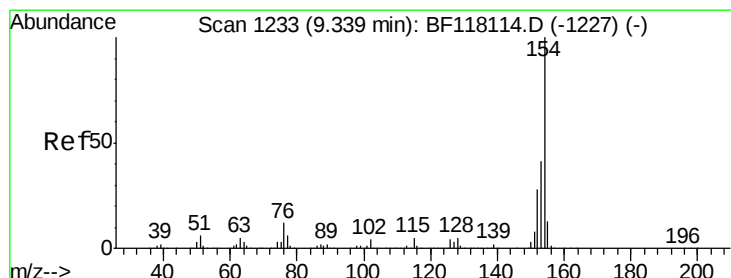
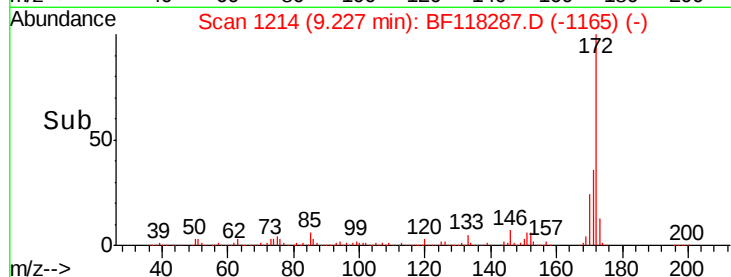
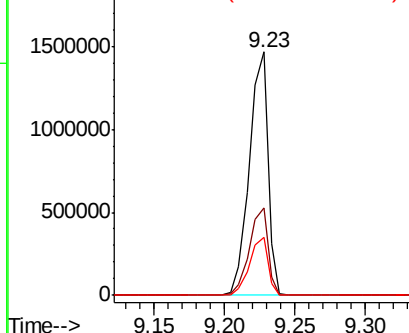


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.265 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

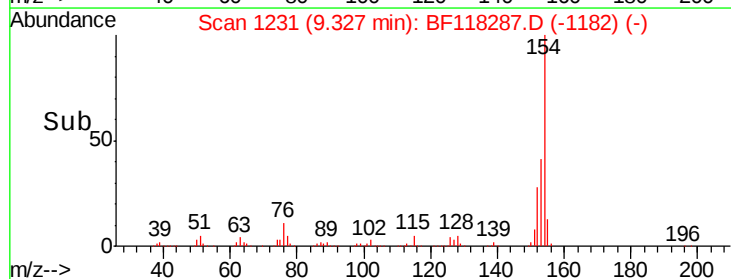
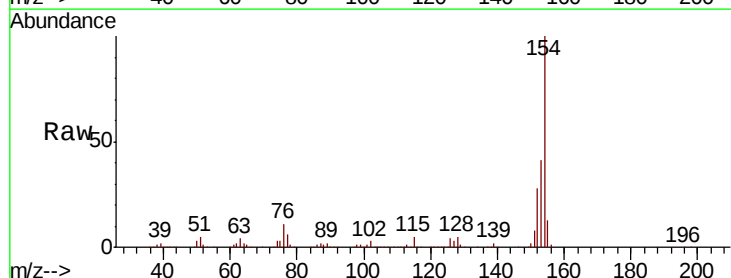
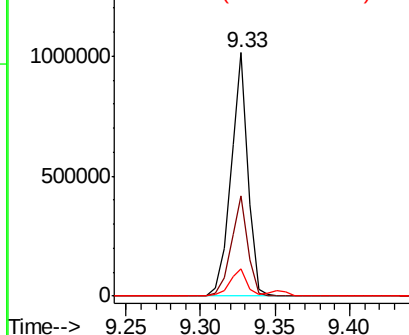
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	11.2	0.0	31.9

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





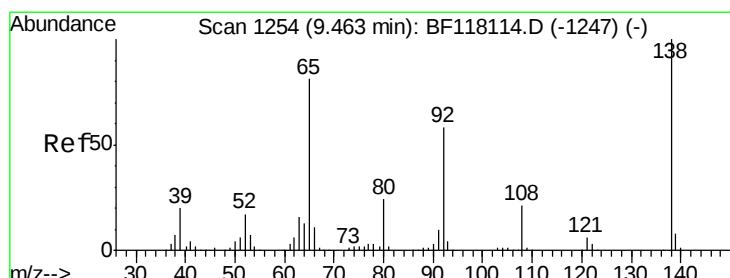
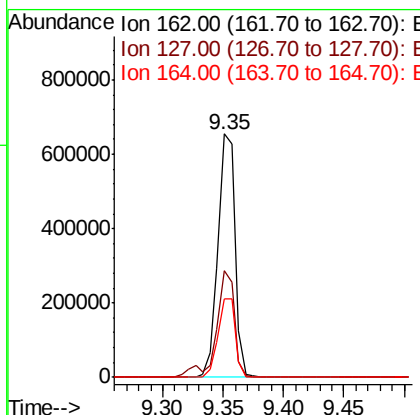
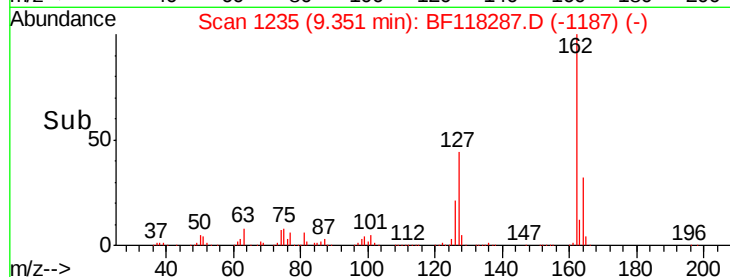
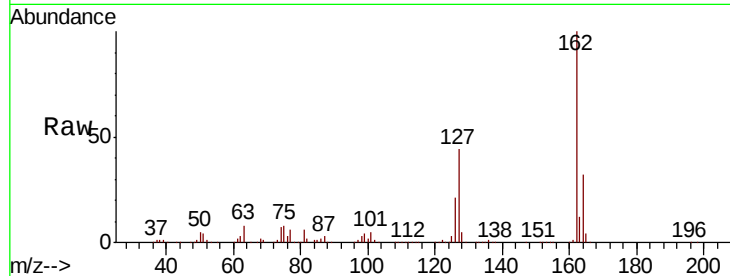
#47
 2-Chloronaphthalene
 Concen: 46.789 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.02 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.9	32.0	48.0	
164	32.2	26.1	39.1	

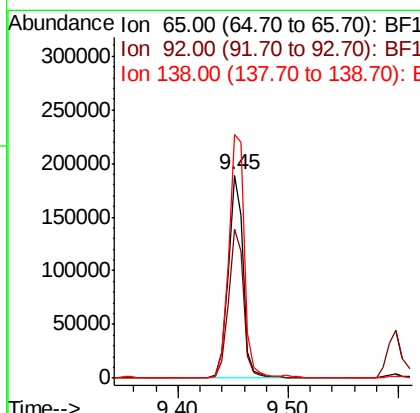
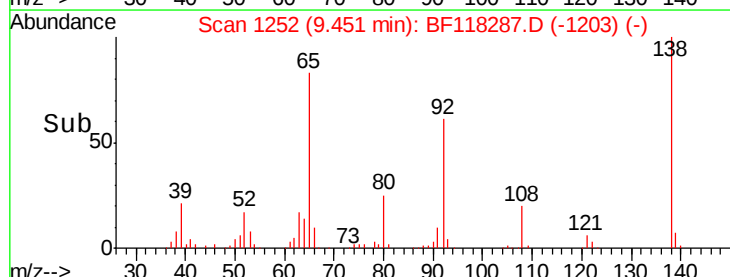
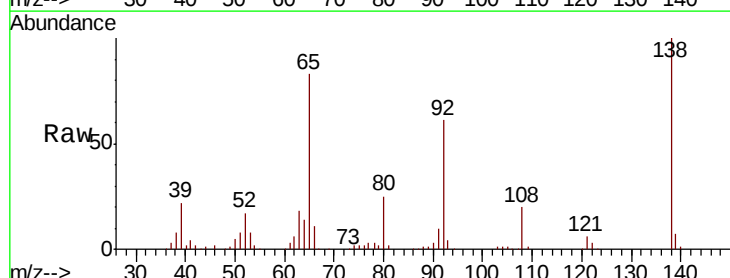
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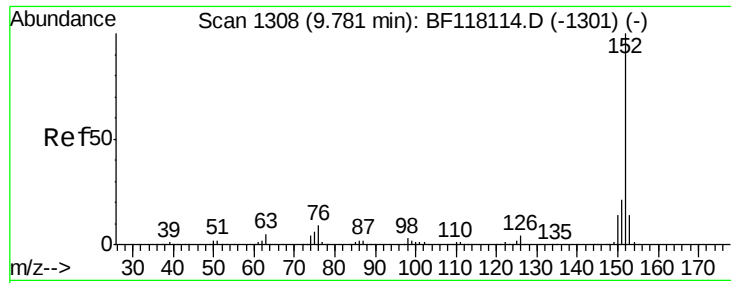
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#48
 2-Nitroaniline
 Concen: 46.330 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.2	57.8	86.6	
138	120.1	98.8	148.2	





#49

Acenaphthylene

Concen: 51.215 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

ClientSampleId :

178K-WC1MSD

Tot Ion:152 Resp: 1022410

Ion Ratio Lower Upper

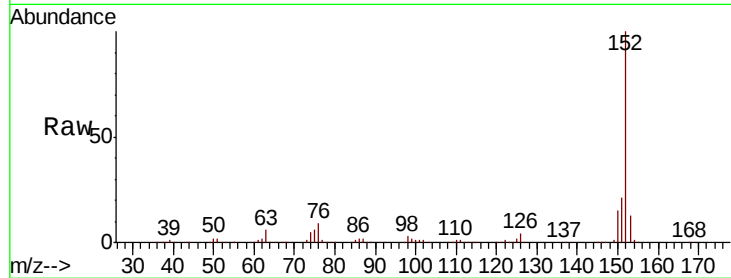
152 100

151 20.6 16.4 24.6

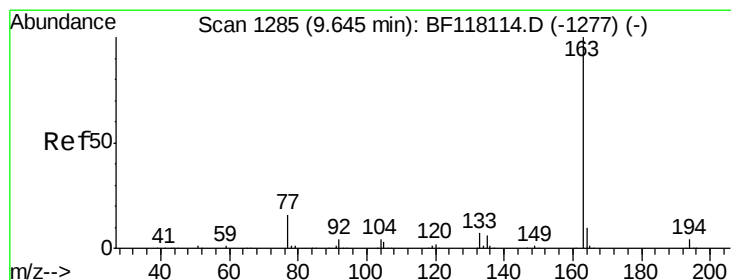
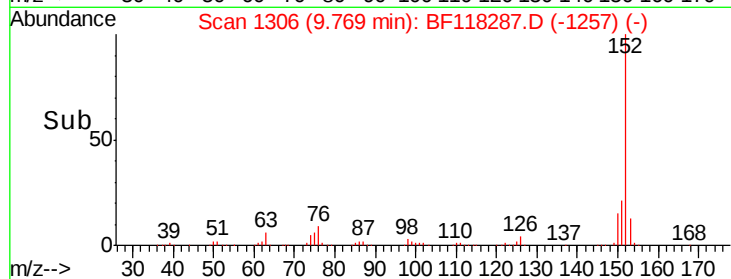
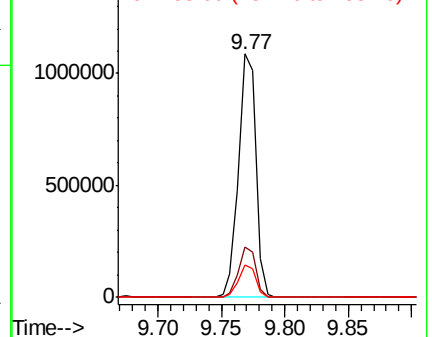
153 13.3 10.8 16.2

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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: 48.722 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

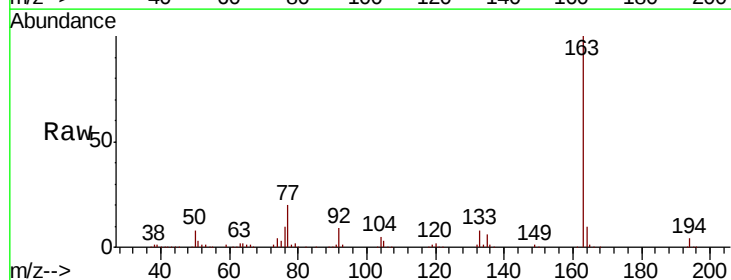
Tgt Ion:163 Resp: 767780

Ion Ratio Lower Upper

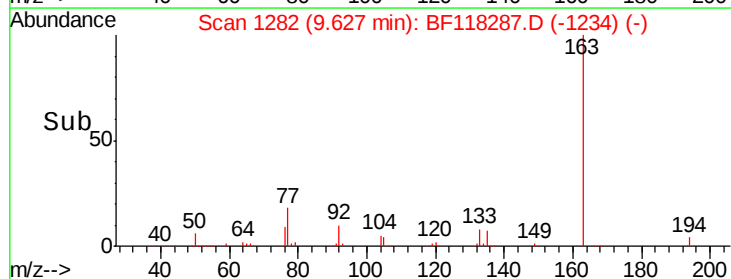
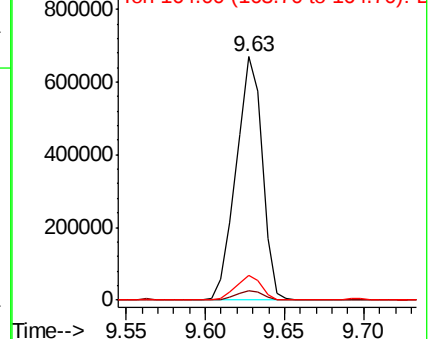
163 100

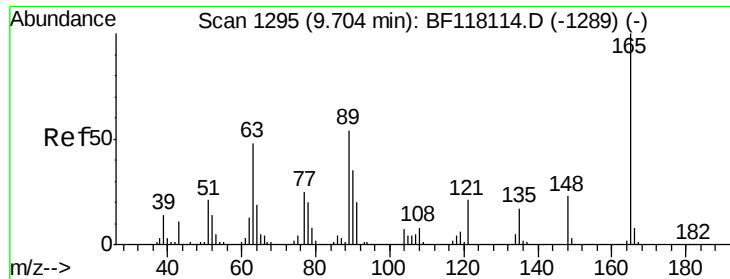
194 3.8 3.1 4.7

164 10.2 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





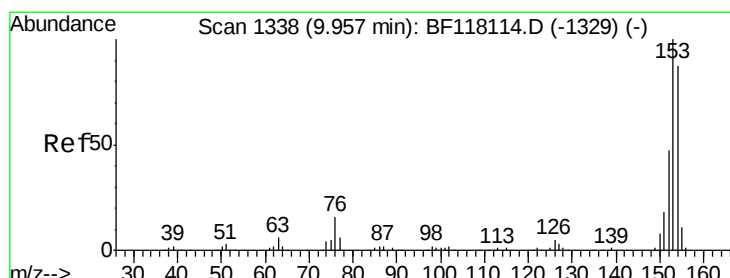
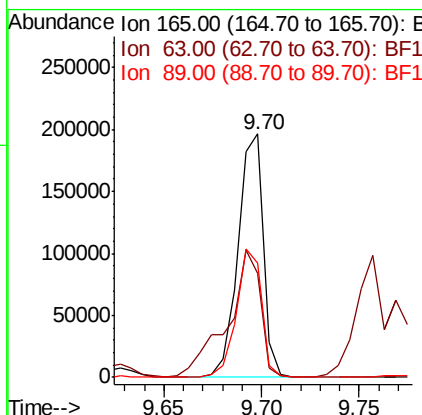
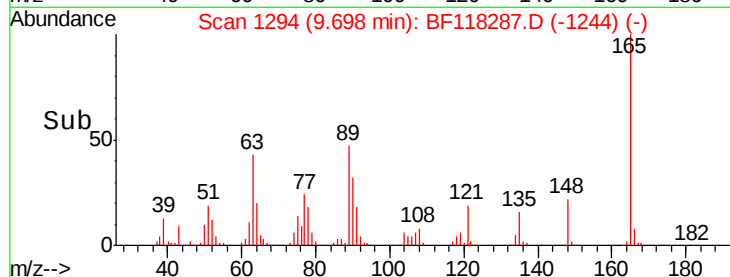
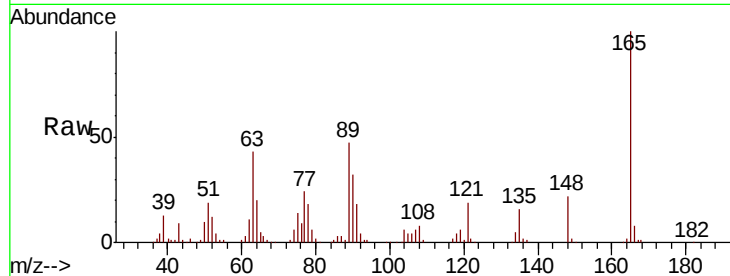
#51
2,6-Dinitrotoluene
Concen: 51.295 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175766		
63	42.6		41.4	62.0
89	47.0		42.9	64.3

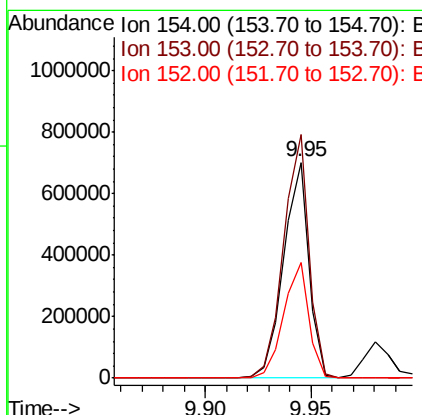
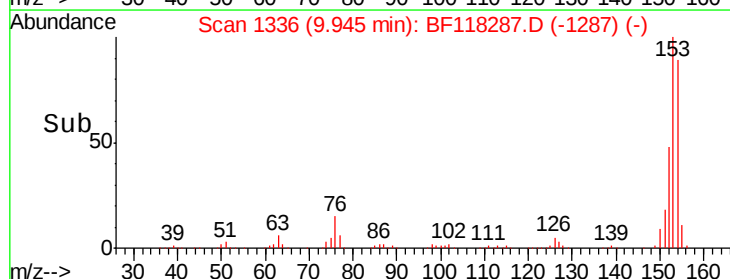
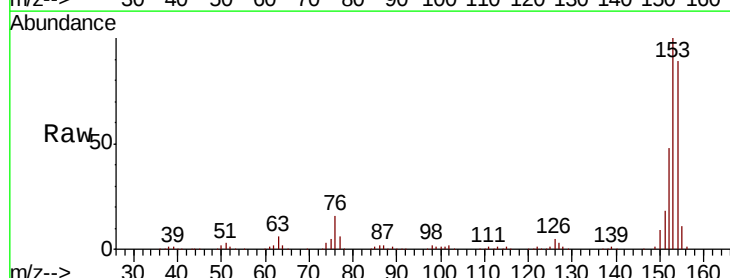
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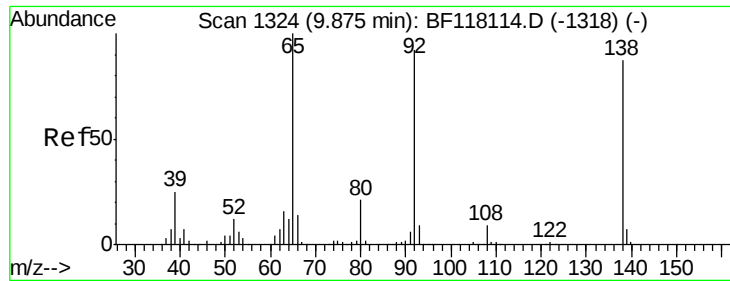
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#52
Acenaphthene
Concen: 48.173 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	586985		
153	112.9		91.8	137.6
152	53.8		43.3	64.9





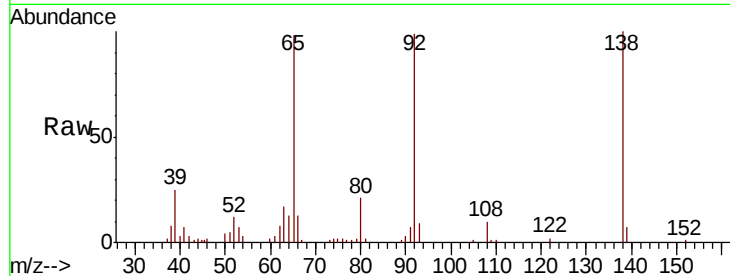
#53
3-Nitroaniline
Concen: 10.413 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	99.3	84.9	127.3

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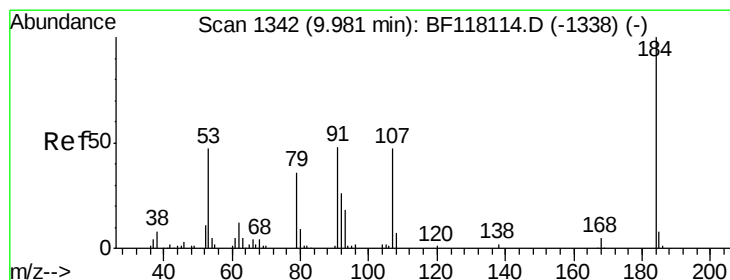
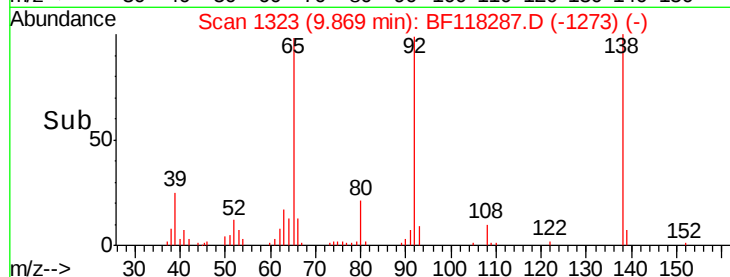
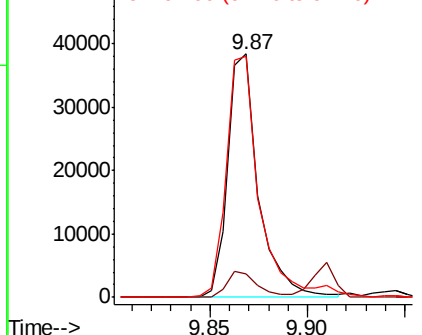


Abundance

Ion 138.00 (137.70 to 138.70): E

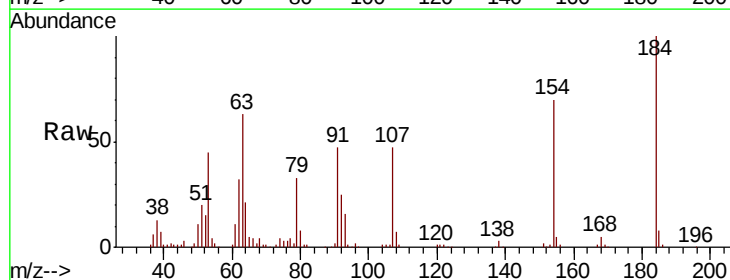
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 93.815 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	53.9	80.9
154	69.6	56.3	84.5

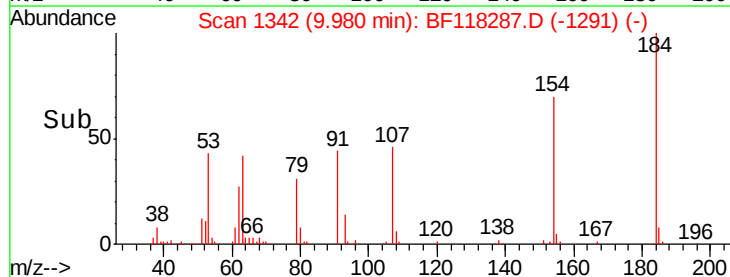
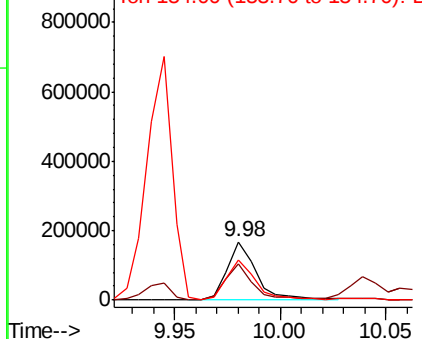


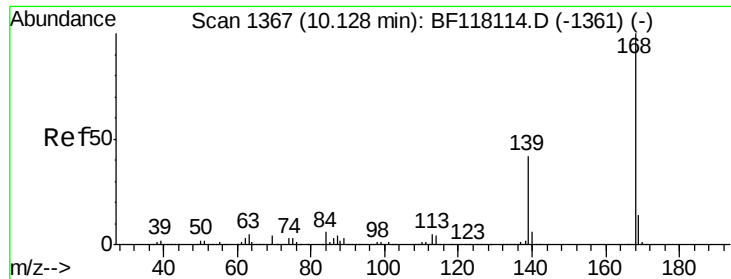
Abundance

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





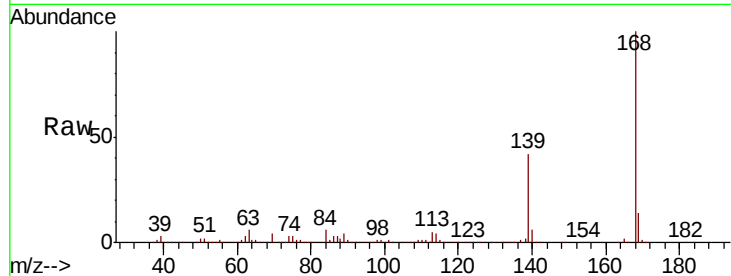
#55
Dibenzenofuran
Concen: 50.518 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.4	50.0
169	13.7	11.0	16.6

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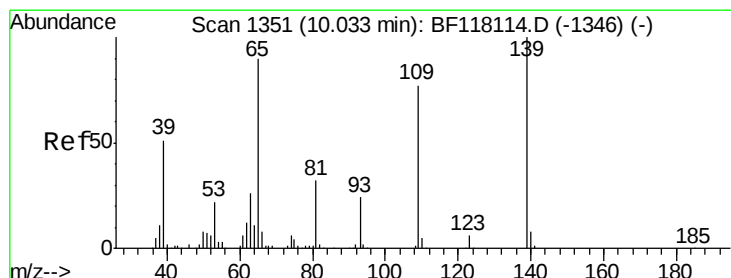
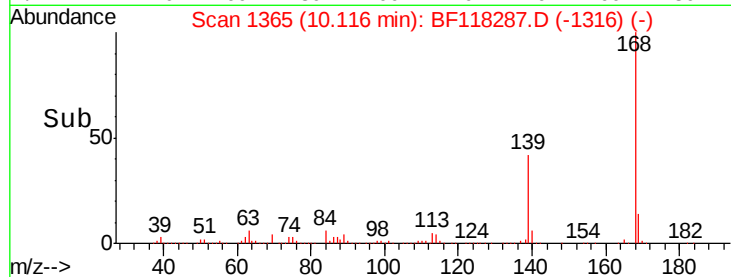
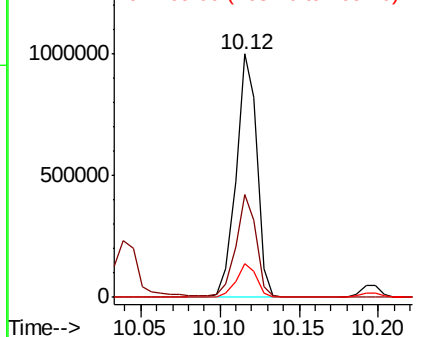


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 90.661 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

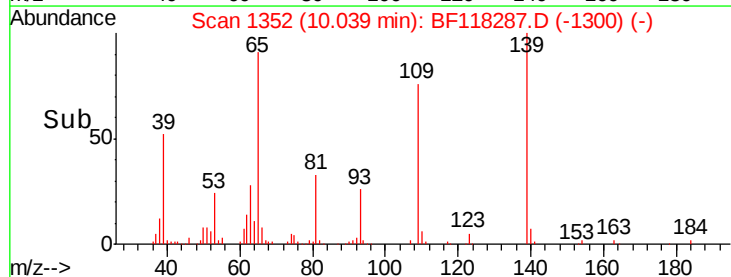
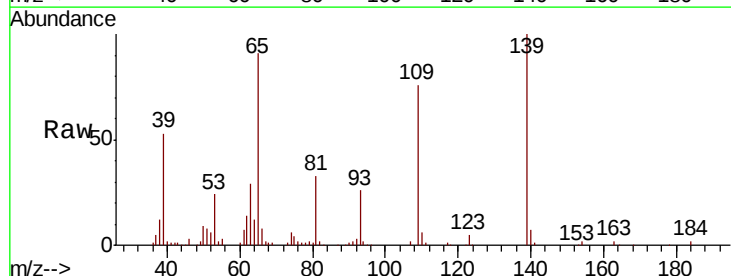
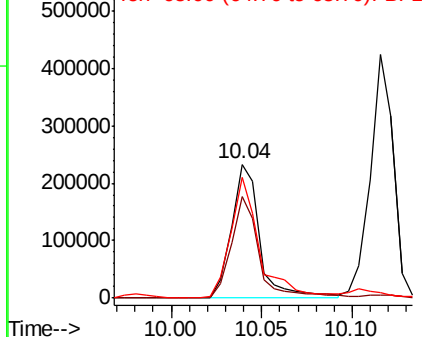
Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.9	57.3	97.3
65	90.7	70.2	110.2

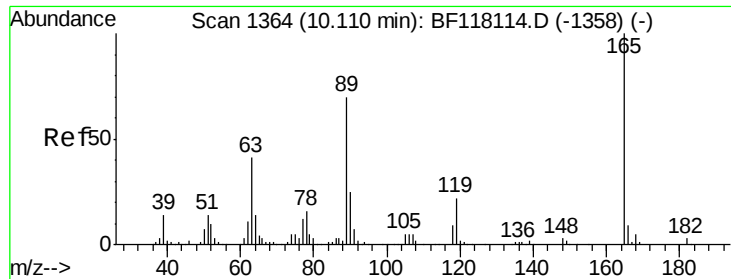
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





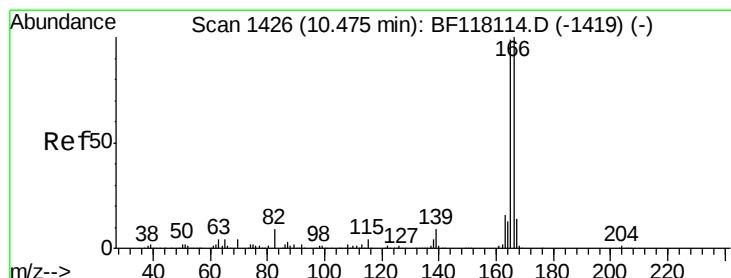
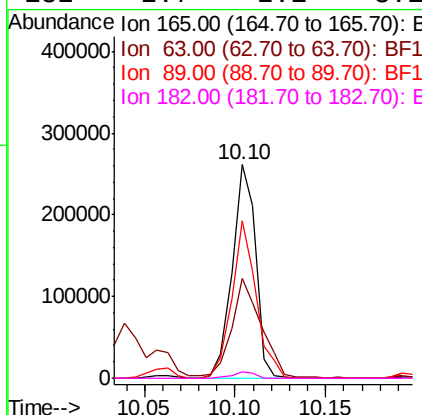
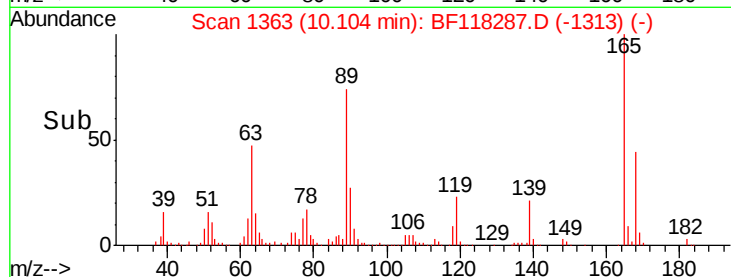
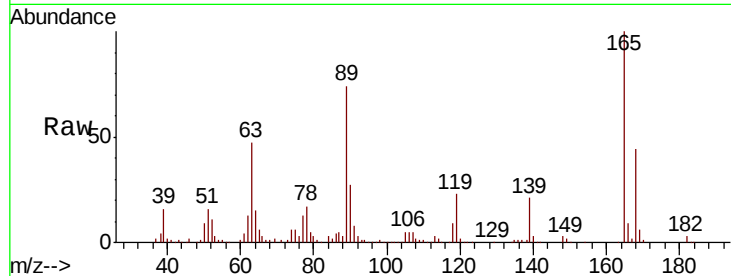
#57
2,4-Dinitrotoluene
Concen: 51.363 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234909		
63	46.9	32.6	49.0	
89	73.7	56.1	84.1	
182	2.7	2.1	3.1	

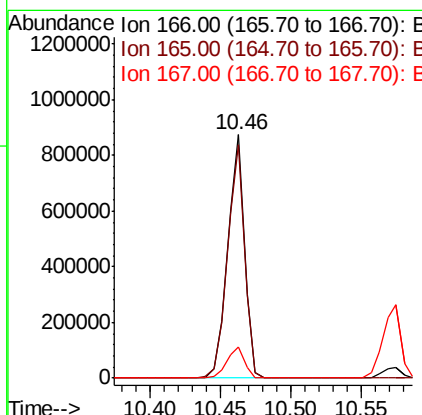
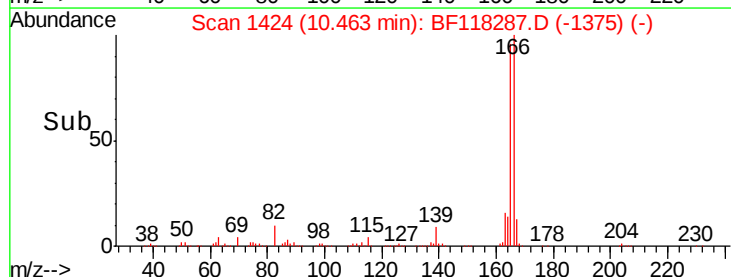
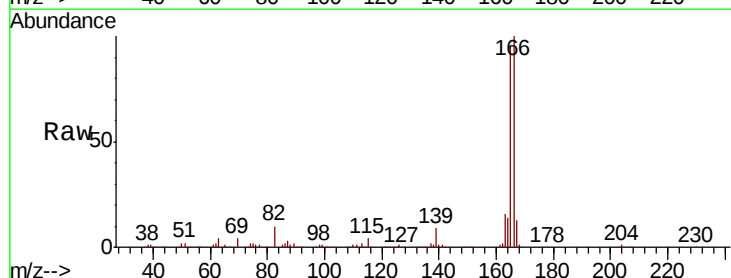
Manual Integrations
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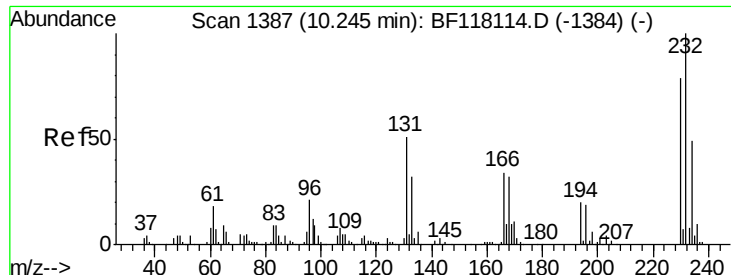
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#58
Fluorene
Concen: 51.043 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	724225		
165	95.9	79.0	118.4	
167	12.9	10.9	16.3	





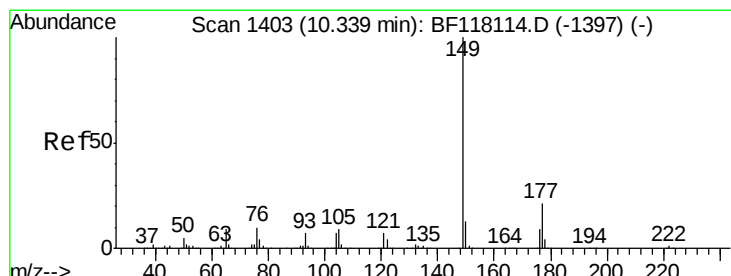
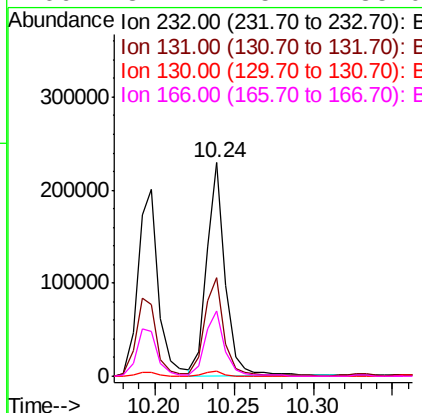
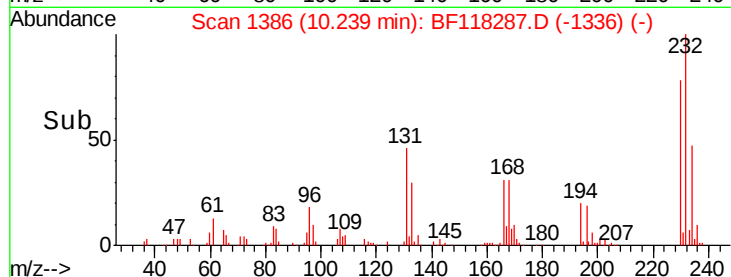
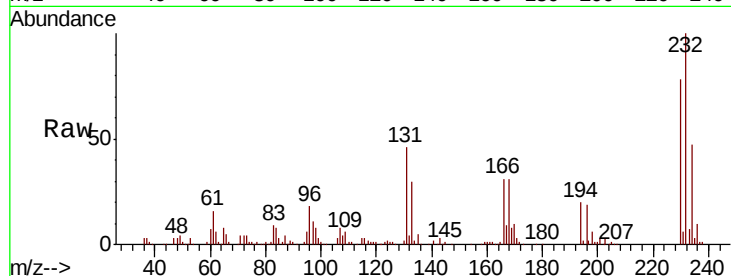
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.157 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.6	38.8	58.2
130	2.3	1.9	2.9
166	32.1	25.4	38.0

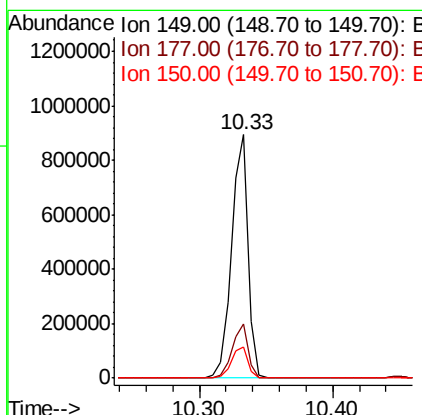
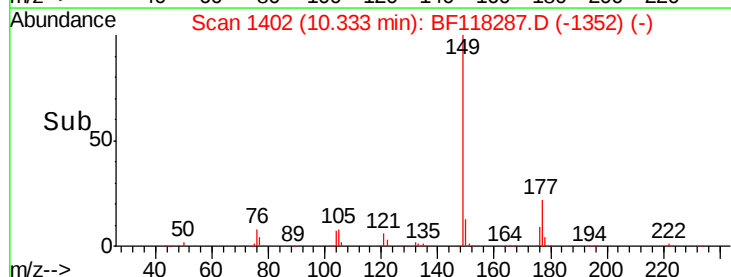
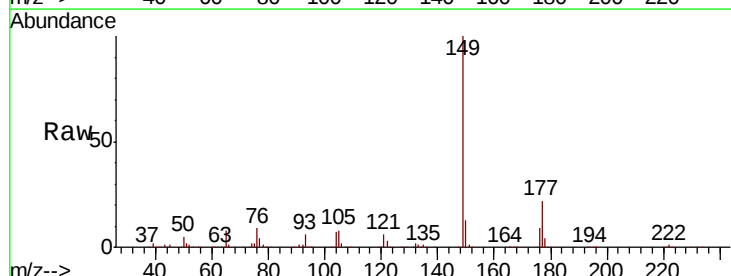
Manual Integrations
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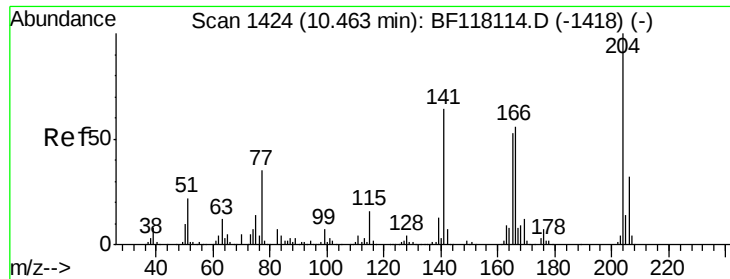
Sohil
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#60
 Diethylphthalate
 Concen: 49.919 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.4
150	12.6	10.1	15.1





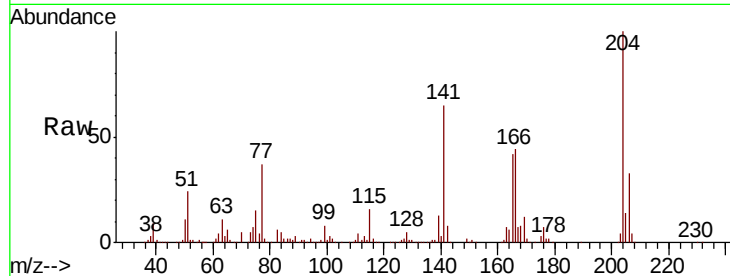
#61
4-Chlorophenyl-phenylether
Concen: 49.107 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	64.9	51.0	76.6

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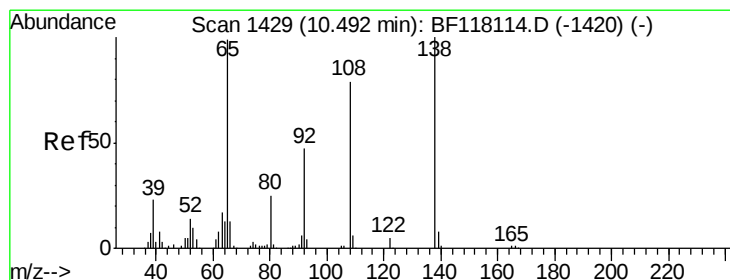
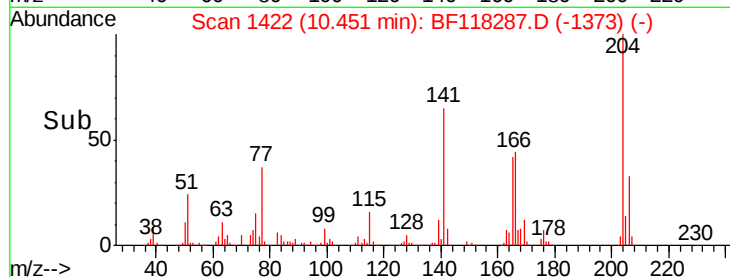
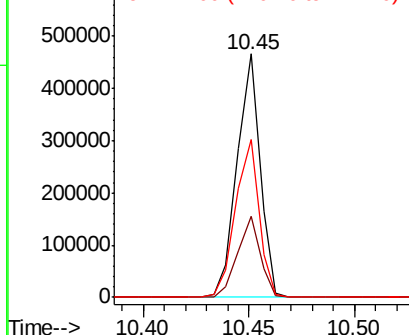


Abundance

Ion 204.00 (203.70 to 204.70): E

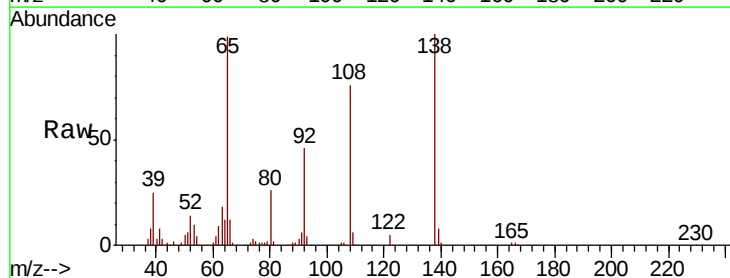
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.633 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.4	27.1	67.1
108	75.7	59.0	99.0

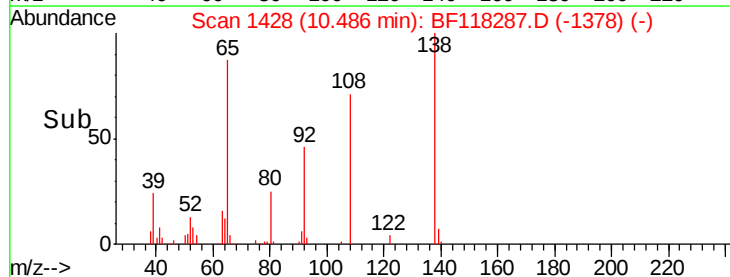
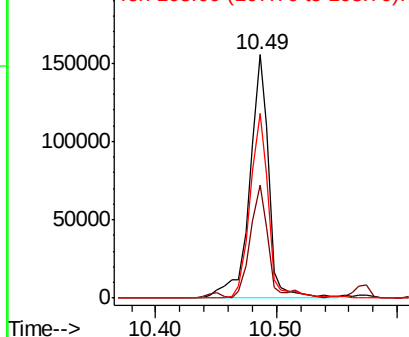


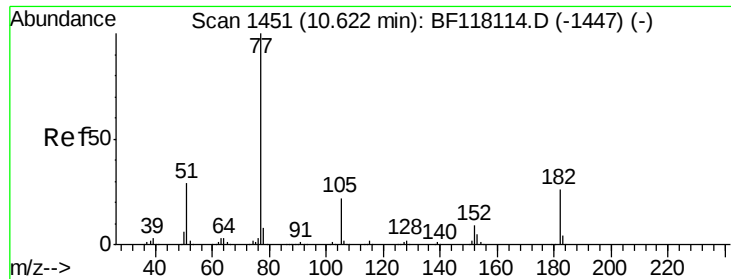
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





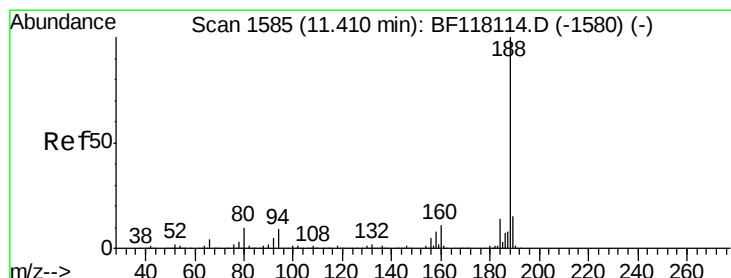
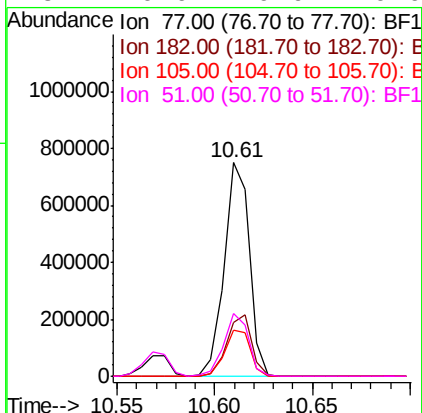
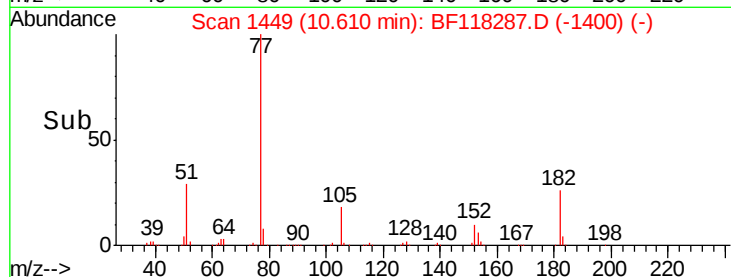
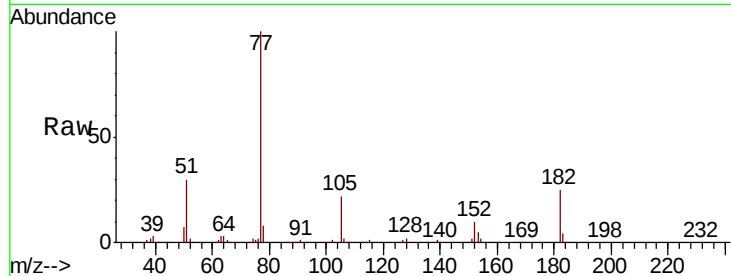
#63
Azobenzene
Concen: 50.475 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		668996		
182	25.2	5.7	45.7		
105	21.8	2.2	42.2		
51	29.6	9.6	49.6		

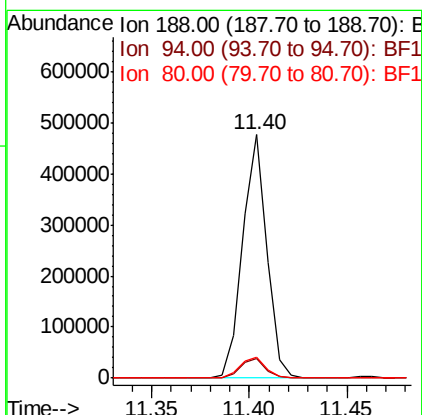
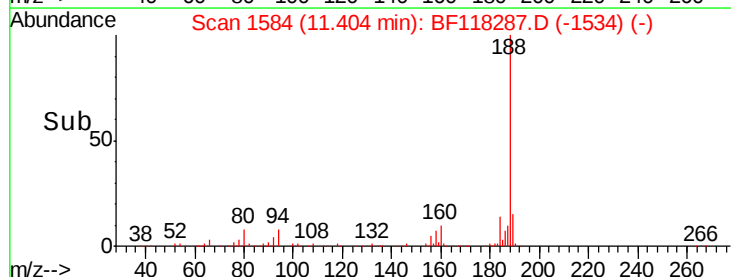
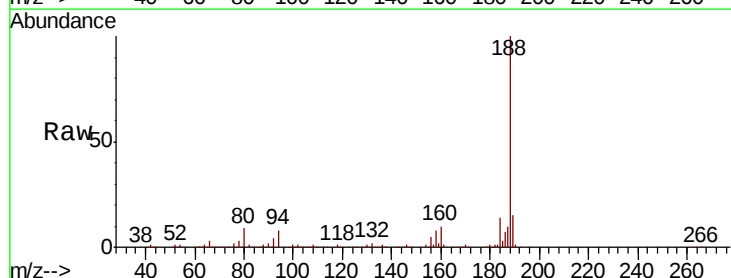
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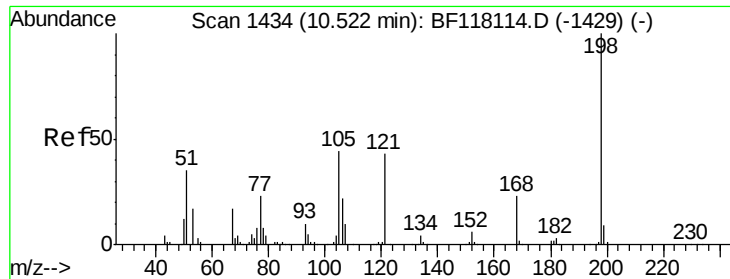
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		410200		
94	8.1	7.1	10.7		
80	8.6	7.9	11.9		





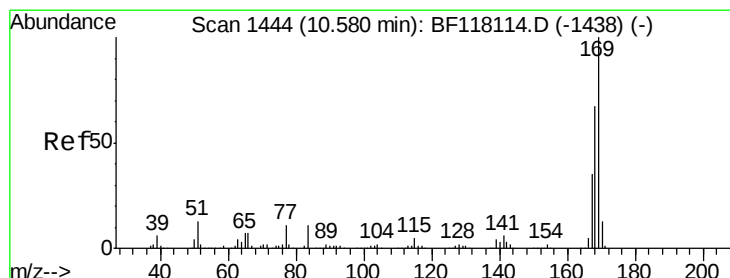
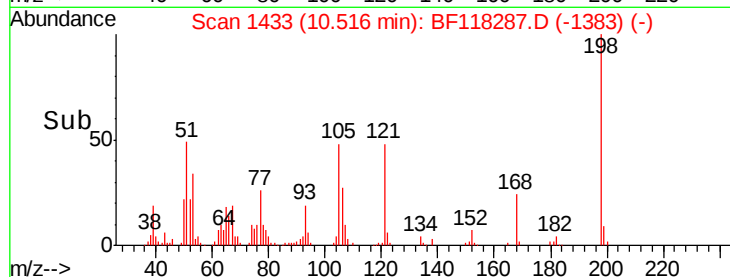
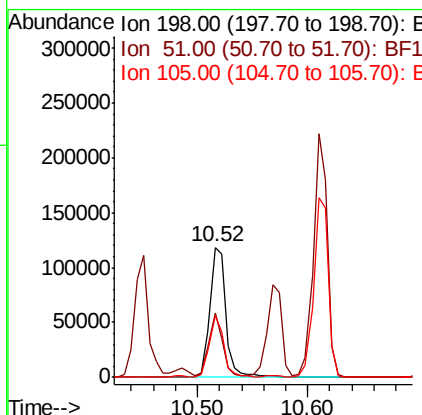
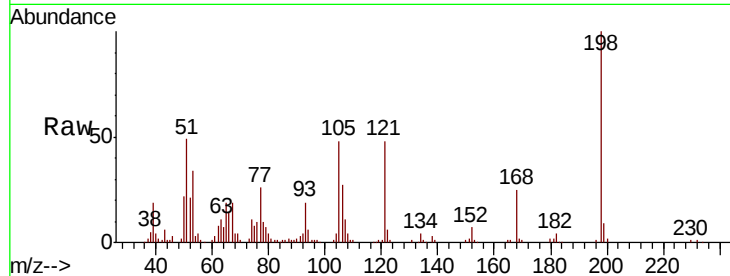
#65
4,6-Dinitro-2-methylphenol
Concen: 51.612 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	116918		
51	49.1	22.0	62.0	
105	47.9	25.6	65.6	

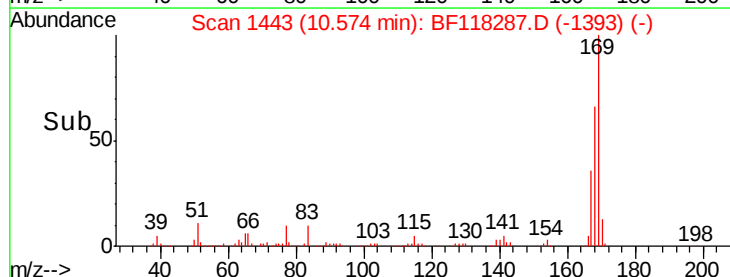
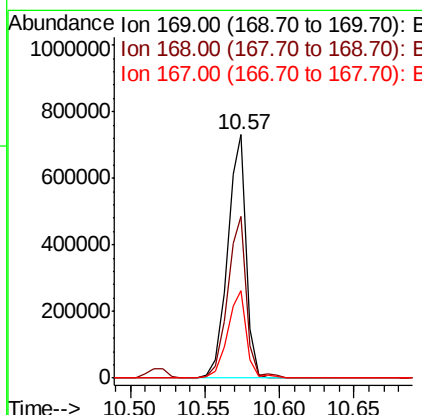
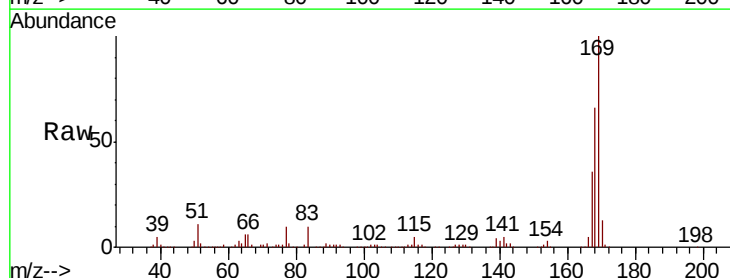
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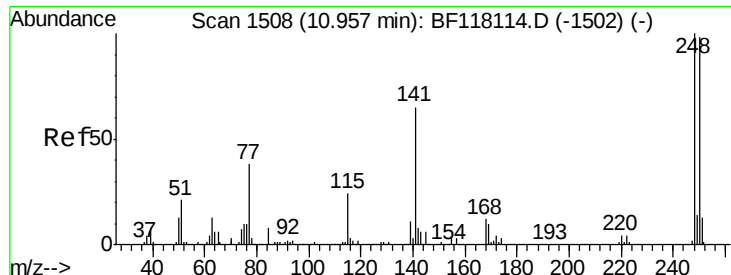
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 50.370 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	645226		
168	66.4	53.4	80.2	
167	35.8	28.4	42.6	





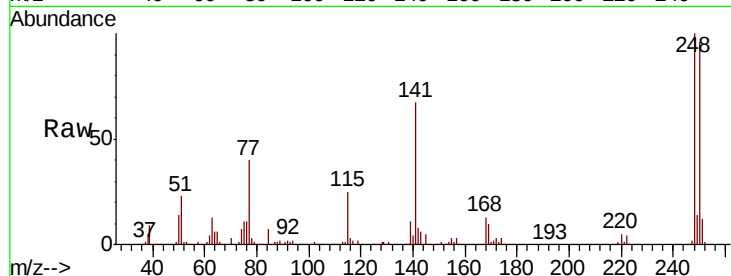
#67
4-Bromophenyl-phenylether
Concen: 48.097 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.3	117.5
141	67.3	52.2	78.4

Manual Integrations
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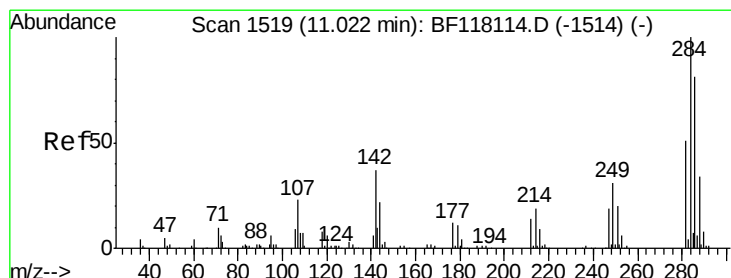
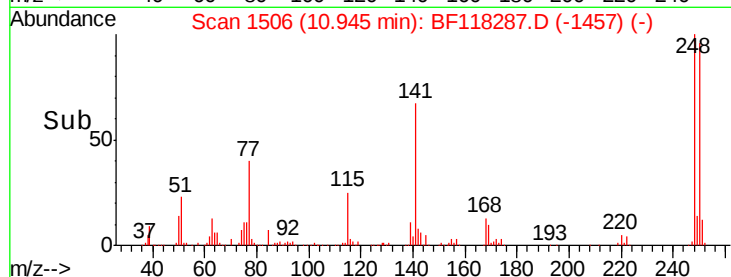
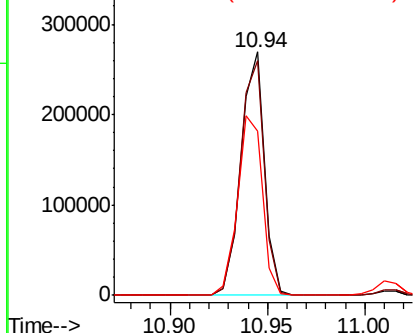


Abundance

Ion 248.00 (247.70 to 248.70): E

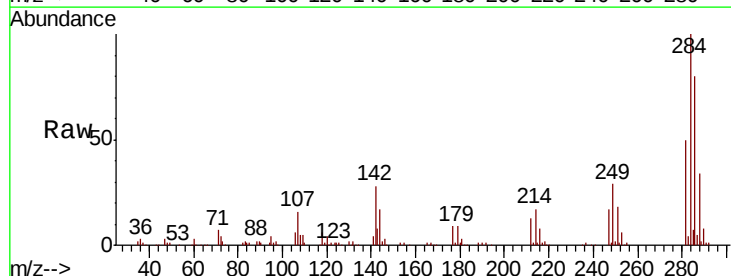
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.341 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	29.7	44.5#
249	28.8	24.6	37.0

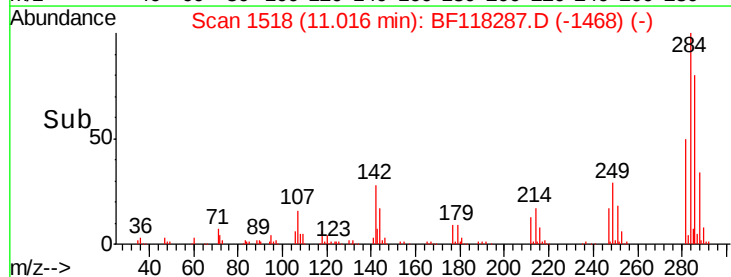
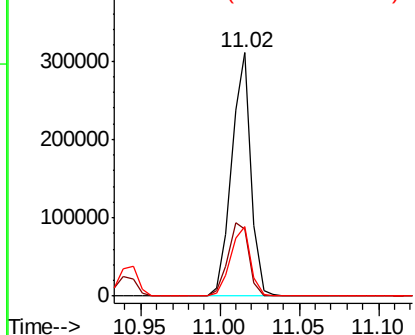


Abundance

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





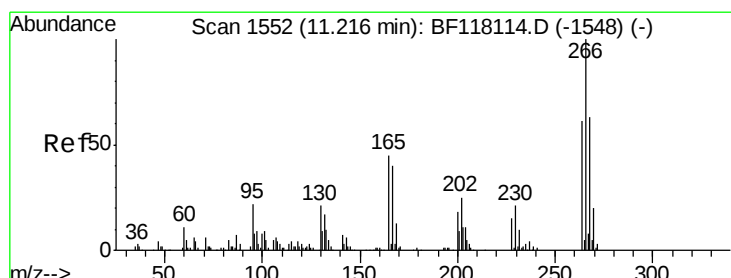
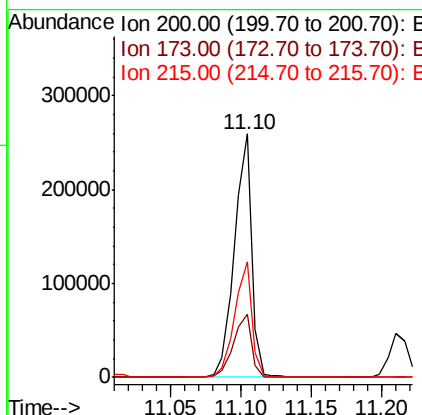
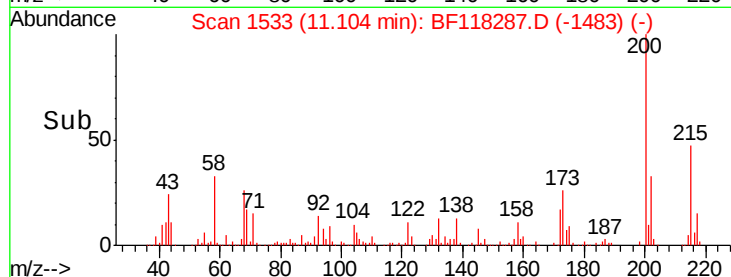
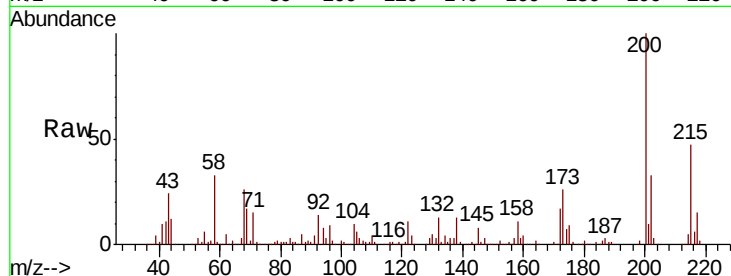
#69
Atrazine
Concen: Below Cal
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.1	48.1
215	47.4	29.0	69.0

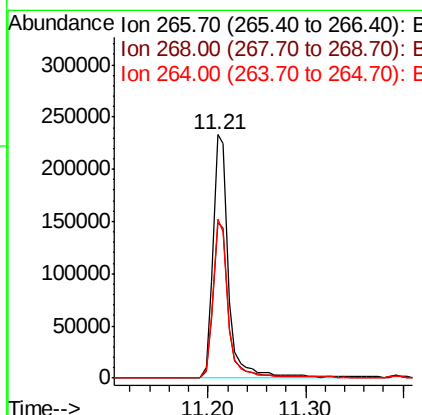
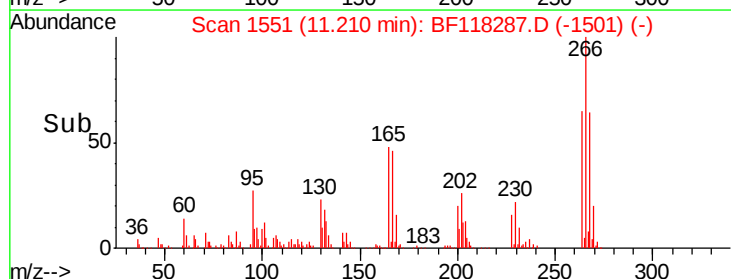
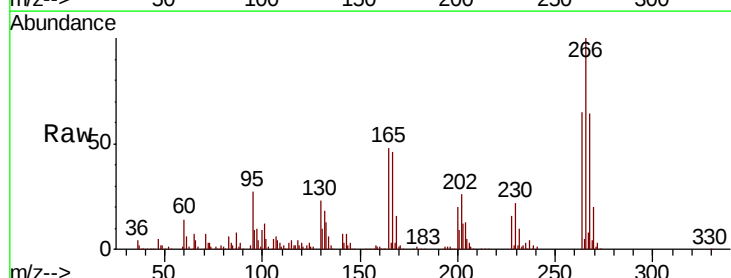
Manual Integrations
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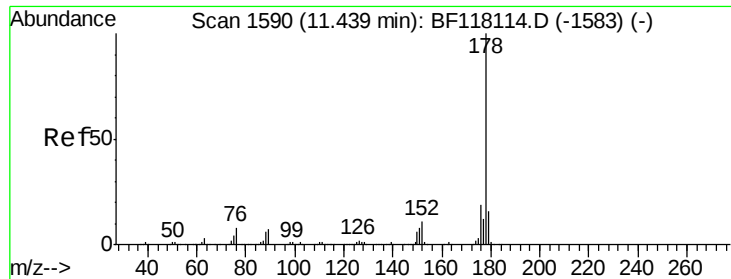
Sohil
12/20/2019 4:26:22 PM



#70
Pentachlorophenol
Concen: 100.094 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.7	76.1
264	65.2	48.7	73.1





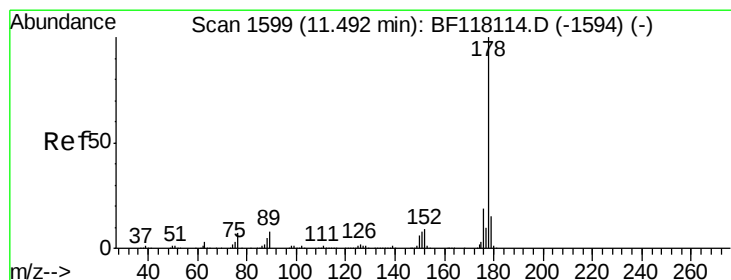
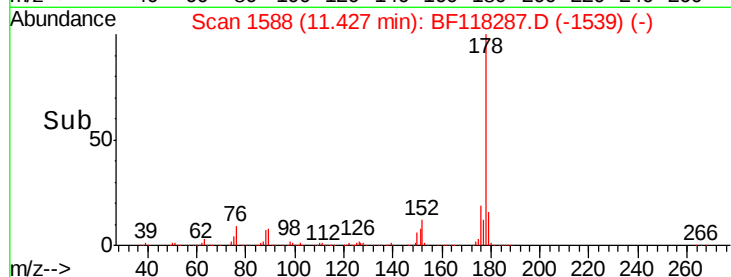
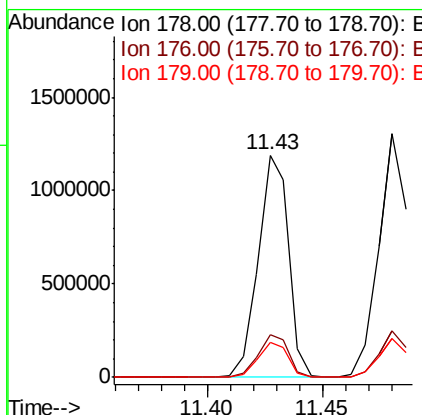
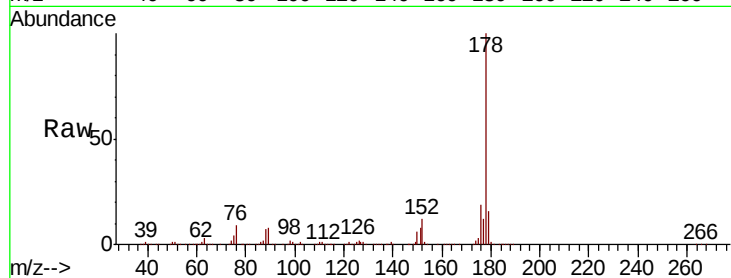
#71
Phenanthrene
Concen: 50.006 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.8	12.6	18.8

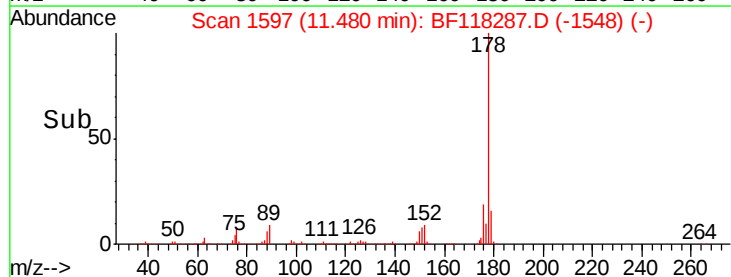
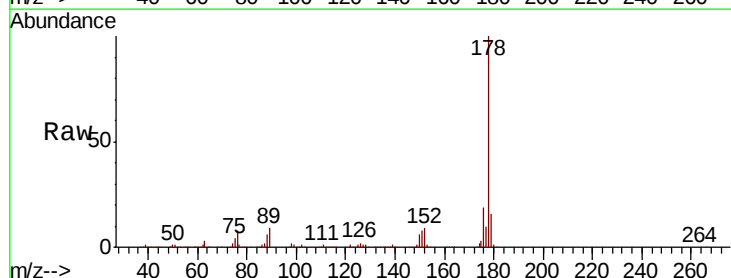
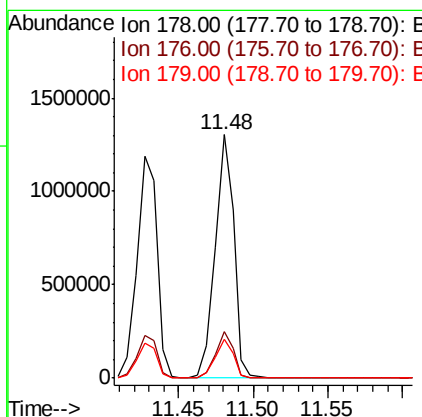
Manual Integrations
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#72
Anthracene
Concen: 52.341 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.8	12.2	18.4





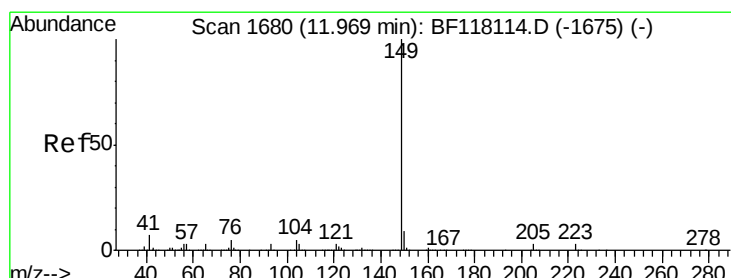
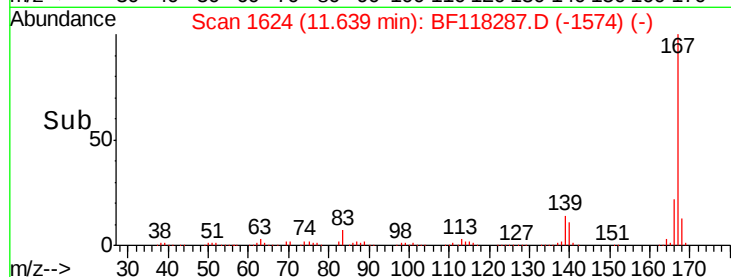
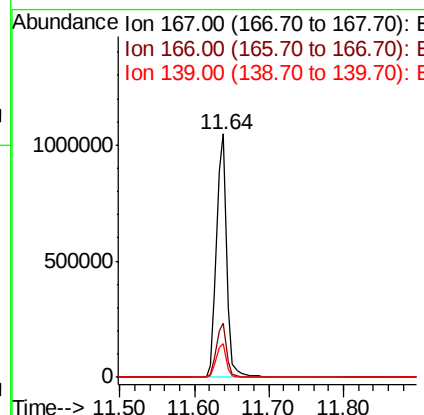
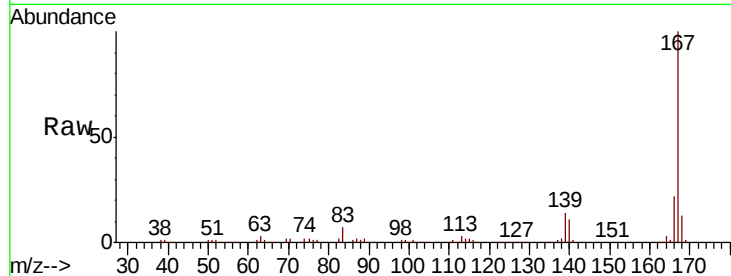
#73
 Carbazole
 Concen: 50.803 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	13.7	11.4	17.0

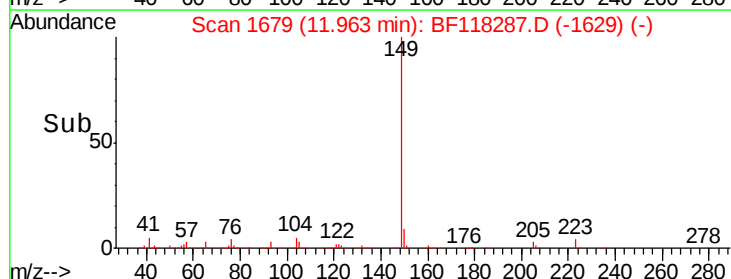
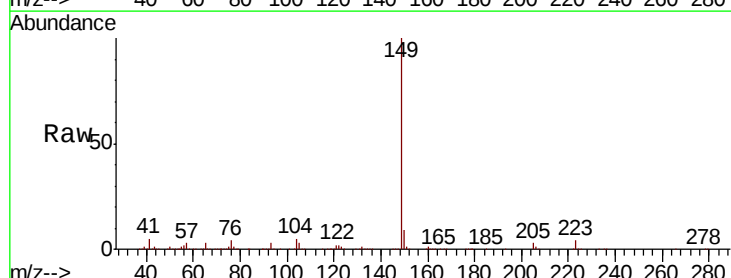
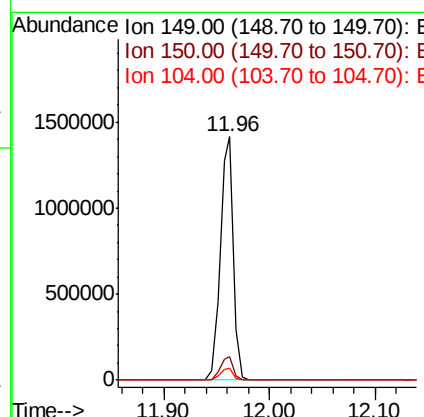
Manual Integrations
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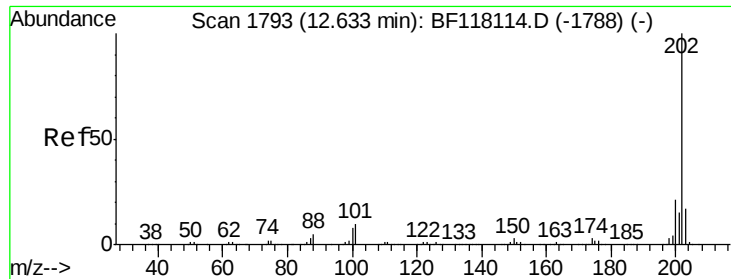
Sohil
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#74
 Di-n-butylphthalate
 Concen: 51.080 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	4.3	6.5





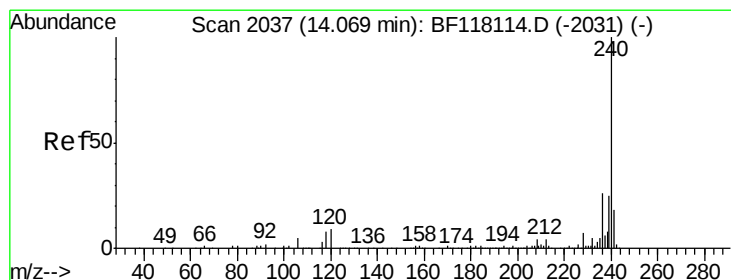
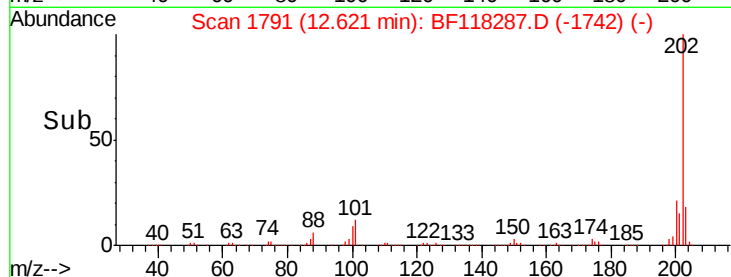
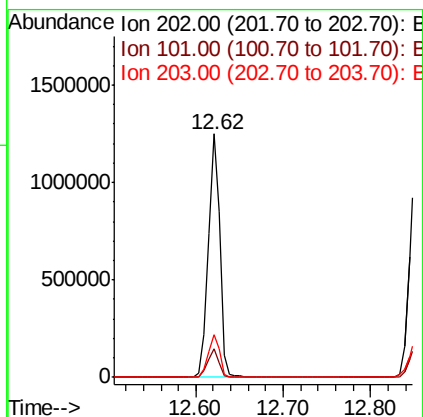
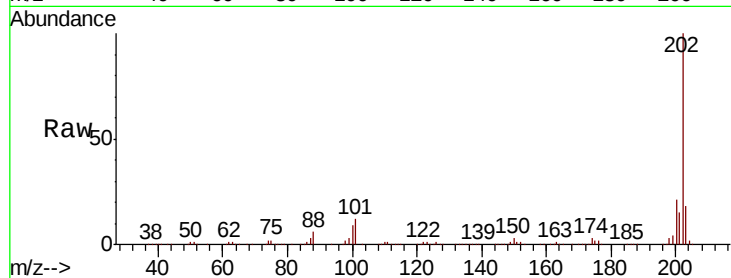
#75
Fluoranthene
Concen: 51.271 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	17.7	0.0	37.2

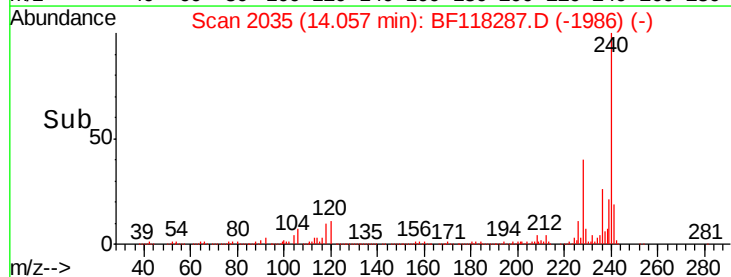
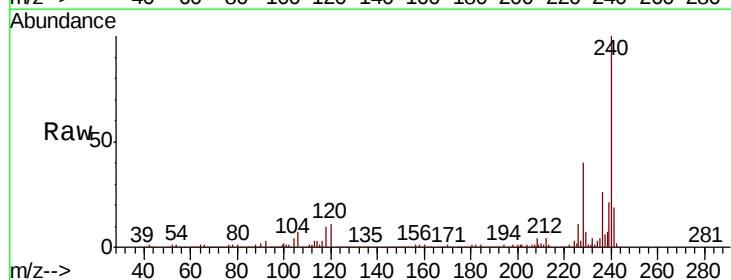
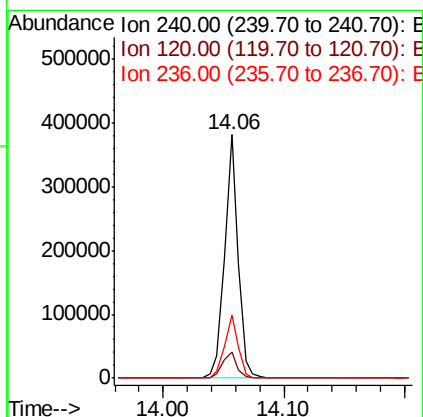
Manual Integrations
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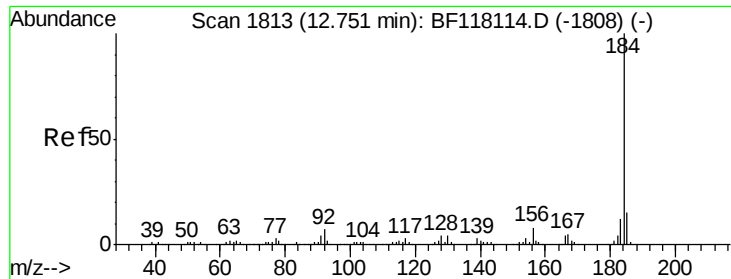
Sohil
12/20/2019 4:26:22 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.1	10.7
236	25.8	21.0	31.6





#77

Benzidine

Concen: 23.801 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

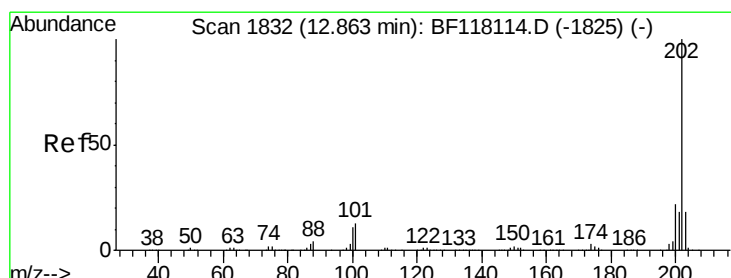
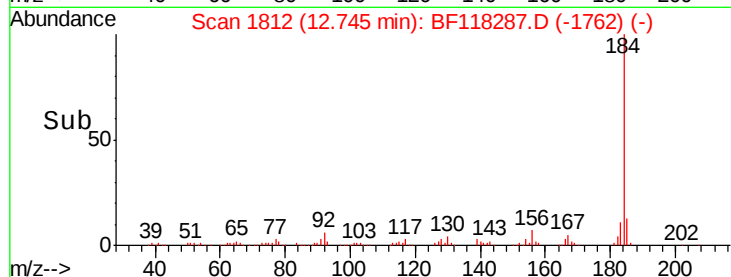
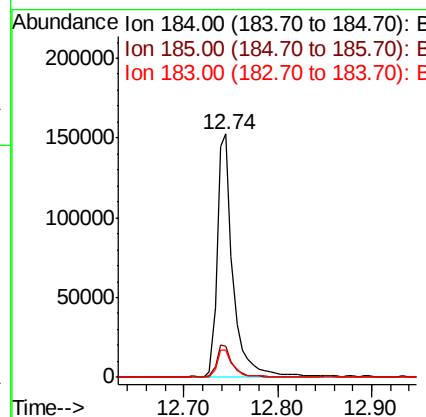
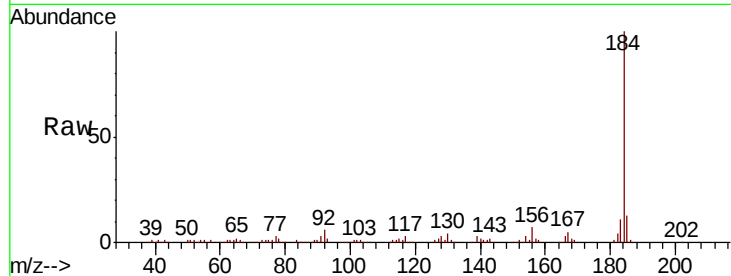
ClientSampleId :

178K-WC1MSD

Tot Ion:	184	Resp:	183653
Ion Ratio	Lower	Upper	
184	100		
185	12.9	12.3	18.5
183	11.2	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 50.563 ng

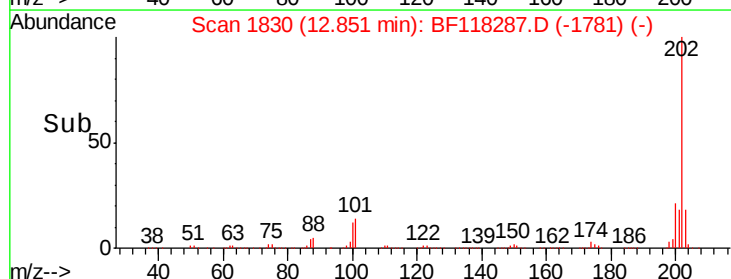
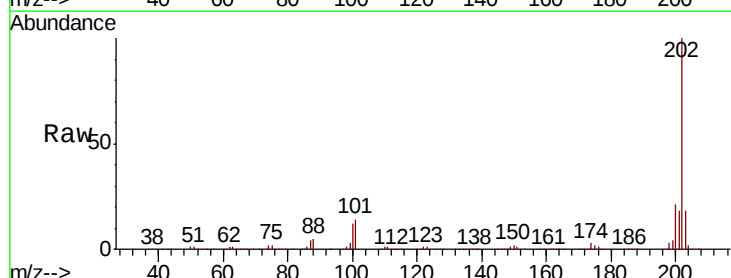
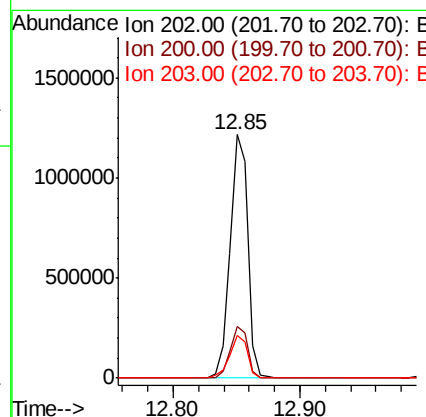
RT: 12.85 min Scan# 1830

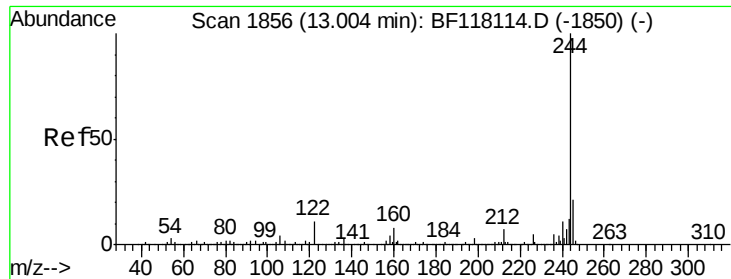
Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:	202	Resp:	1167913
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.5	26.3
203	17.6	14.6	21.8





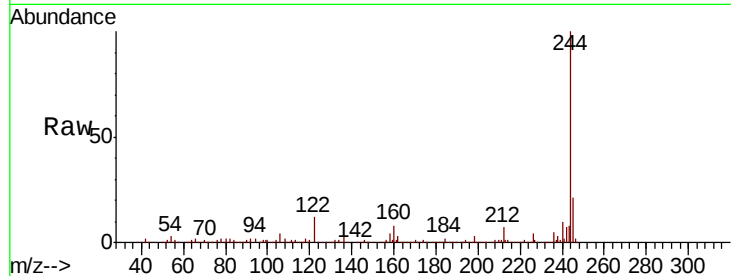
#79
Terphenyl-d14
Concen: 104.962 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.3	9.0	13.6

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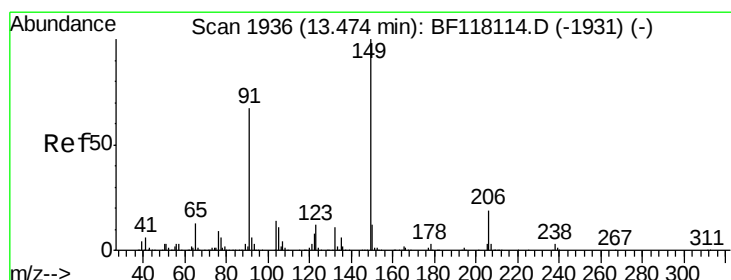
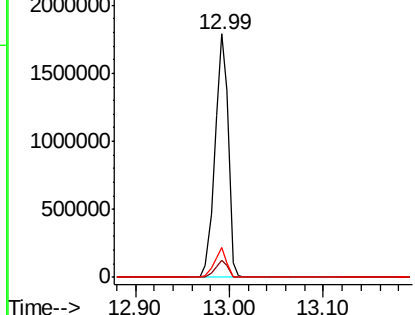
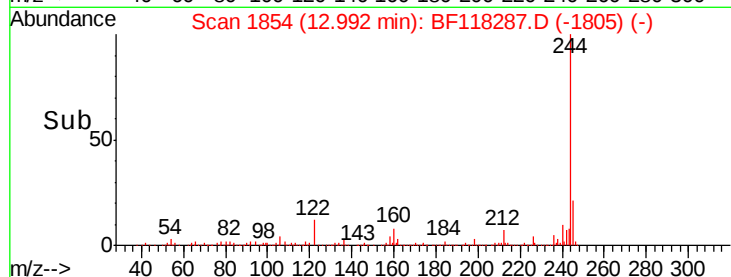


Abundance

Ion 244.00 (243.70 to 244.70): E

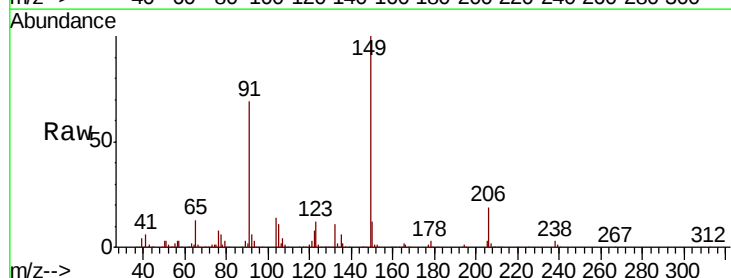
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
Butylbenzylphthalate
Concen: 50.503 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	53.9	80.9
206	18.5	15.2	22.8

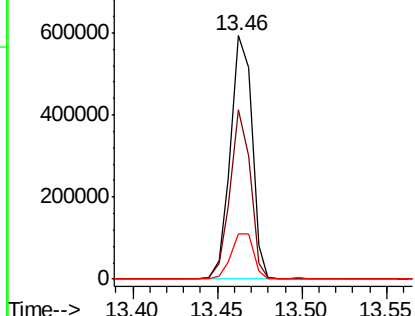
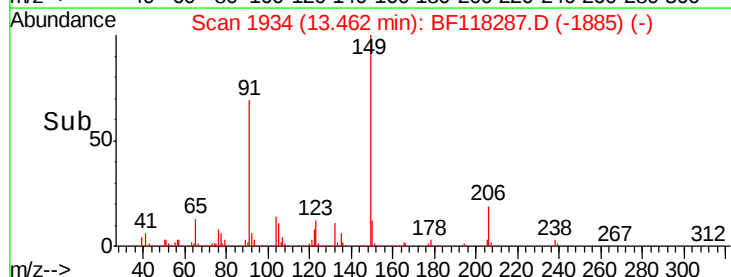


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





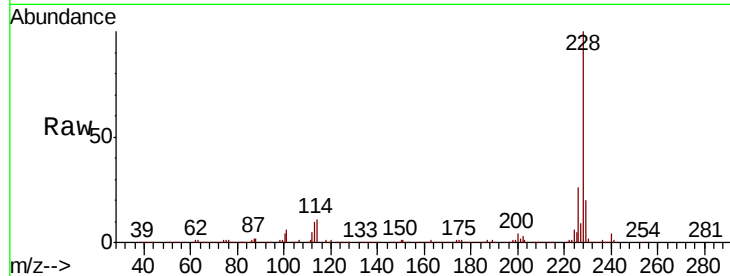
#81
Benzo(a)anthracene
Concen: 49.609 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.8
229	20.0	15.8	23.8

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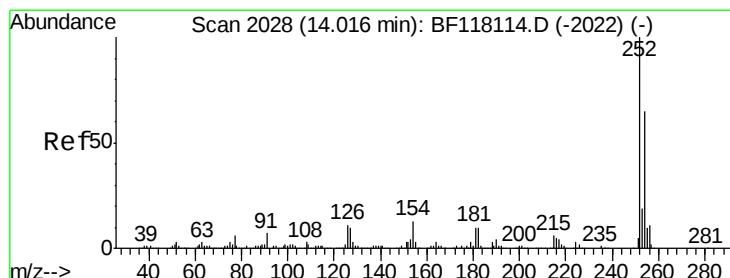
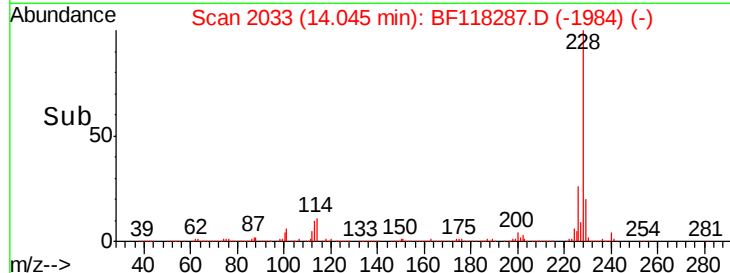
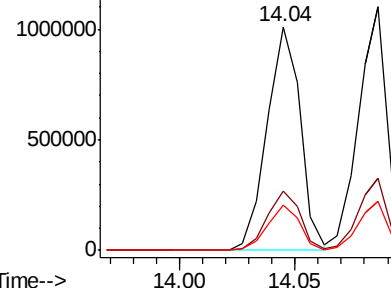


Abundance

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: 18.154 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

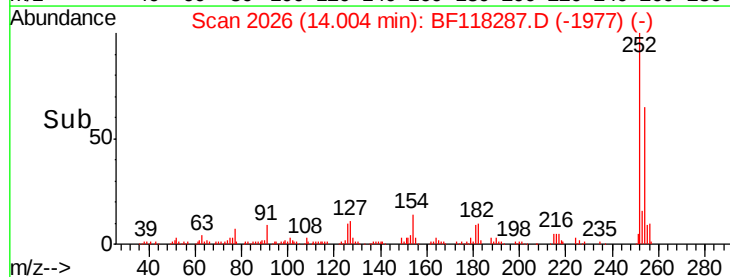
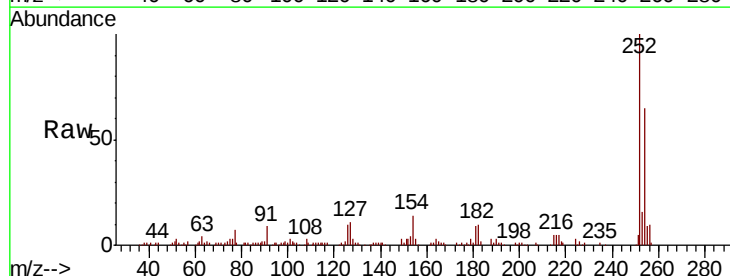
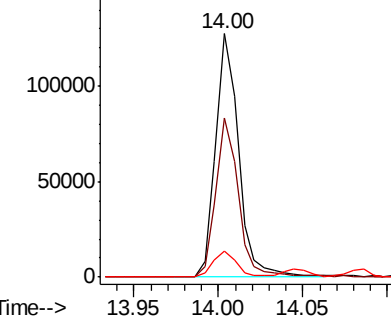
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.4
126	10.4	8.6	13.0

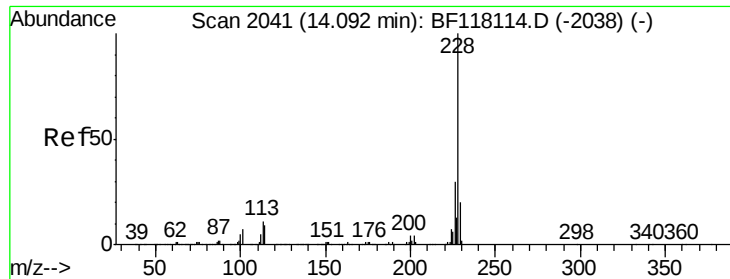
Abundance

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





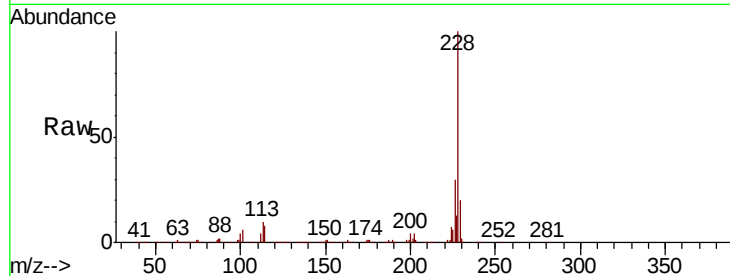
#83
 Chrvsene
 Concen: 49.801 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Instrument :
 BNA_F
 ClientSampled :
 178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.9	15.7	23.5

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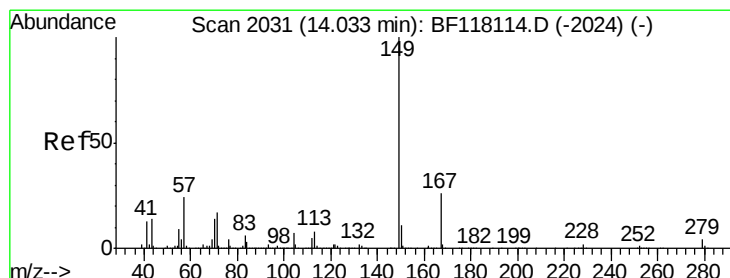
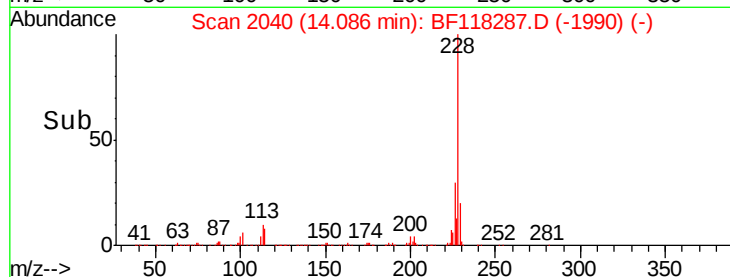
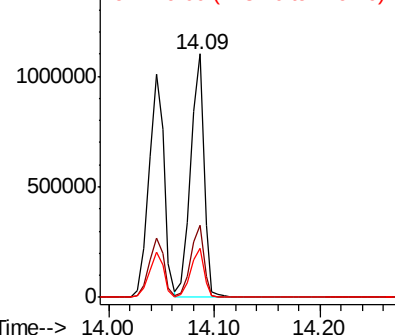


Abundance

Ion 228.00 (227.70 to 228.70): E

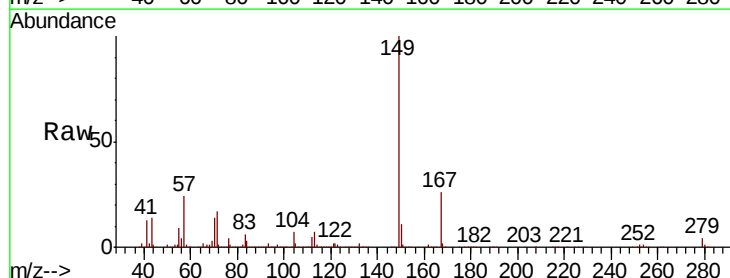
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.927 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF118287.D
 Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	3.8	2.9	4.3

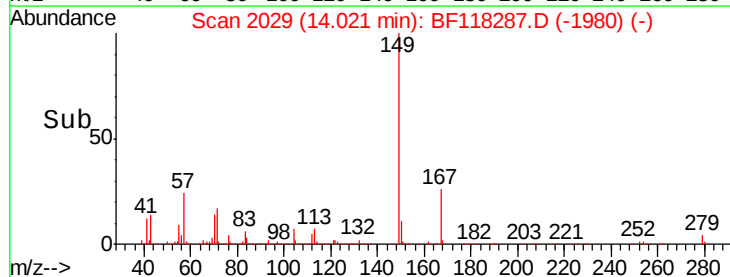
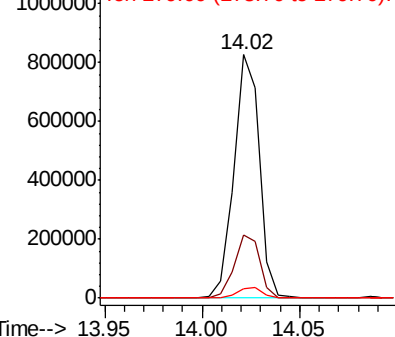


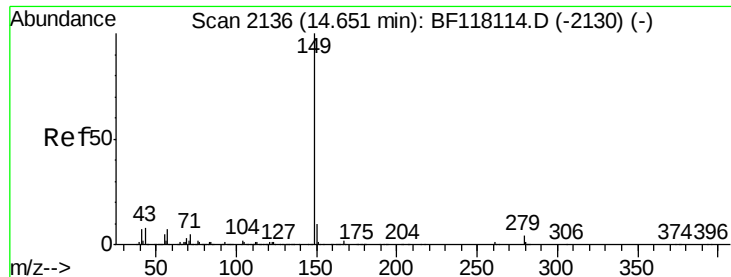
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.165 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Instrument :

BNA_F

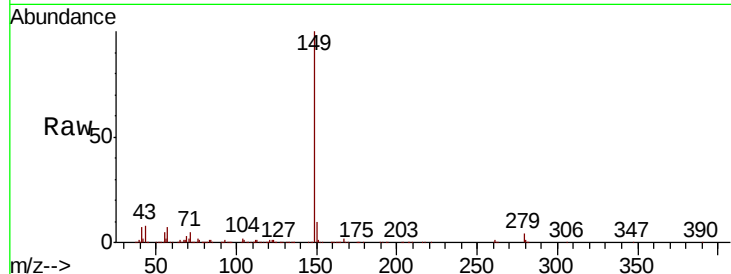
ClientSampleId :

178K-WC1MSD

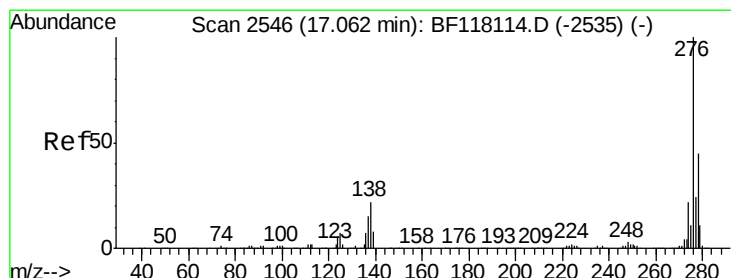
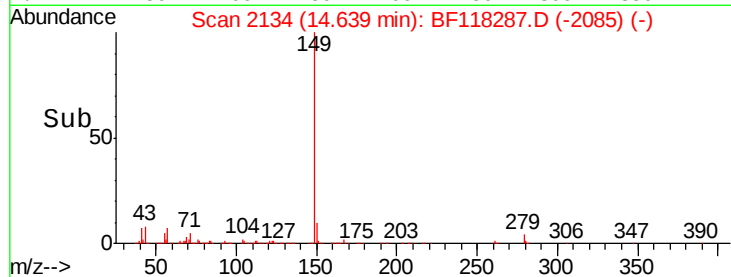
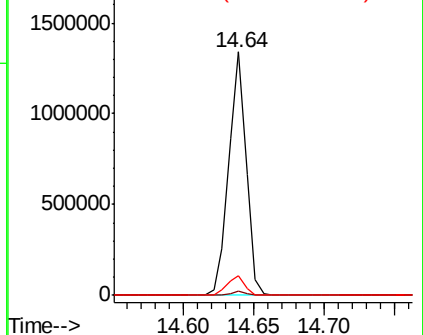
Tot Ion:	149	Resp:	1152671
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.5	9.7

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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: 56.370 ng

RT: 17.06 min Scan# 2546

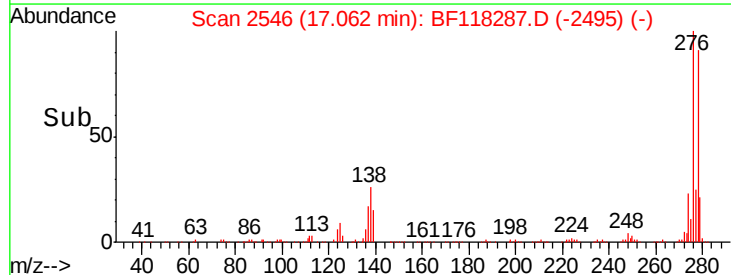
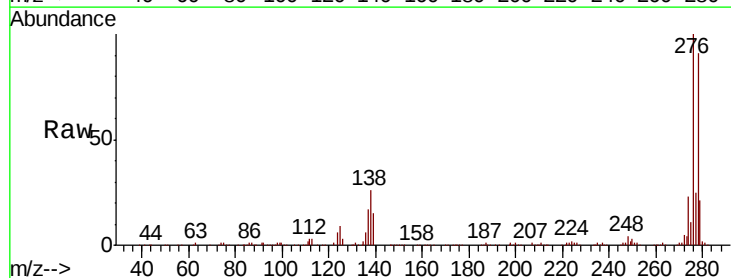
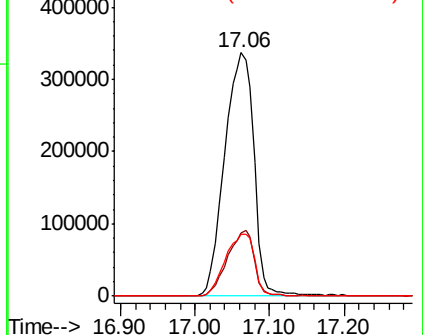
Delta R.T. -0.00 min

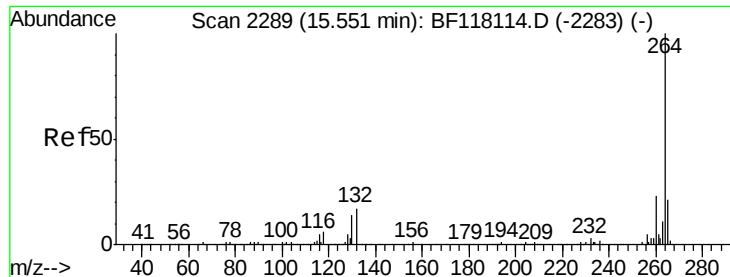
Lab File: BF118287.D

Acq: 19 Dec 2019 18:57

Tgt Ion:	276	Resp:	918246
Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.9	28.3
277	25.6	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





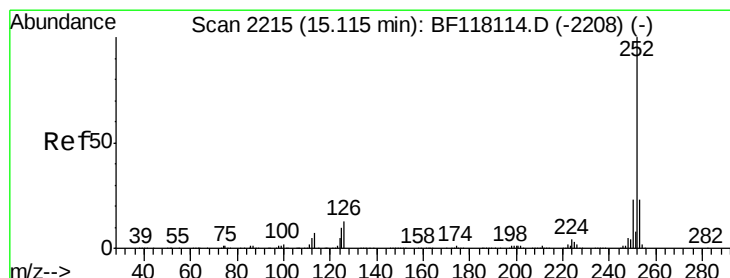
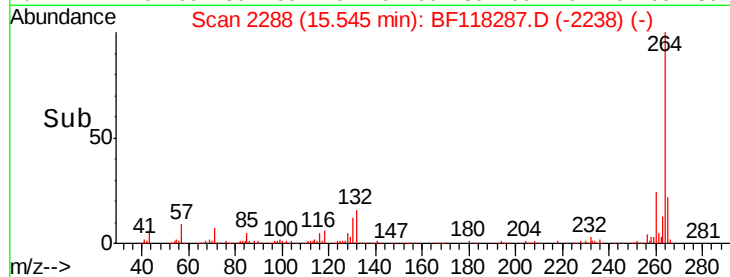
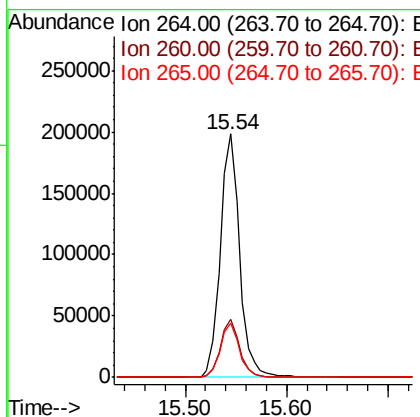
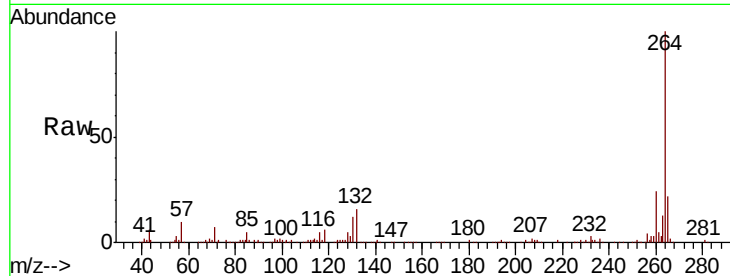
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.1	16.8	25.2

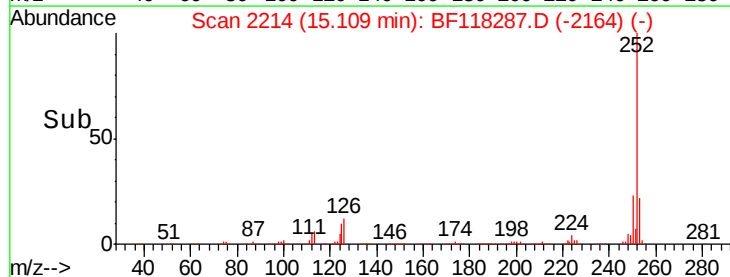
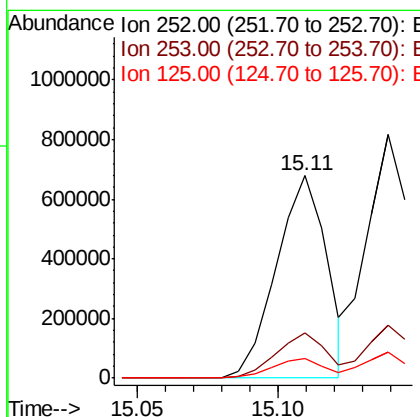
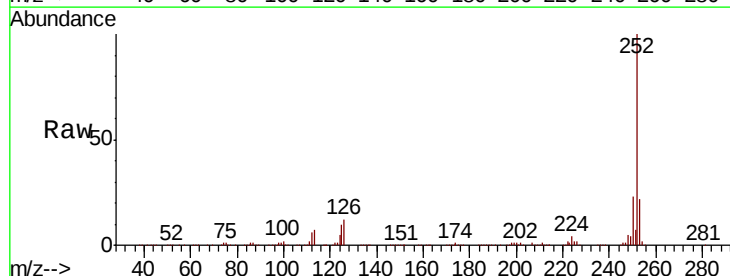
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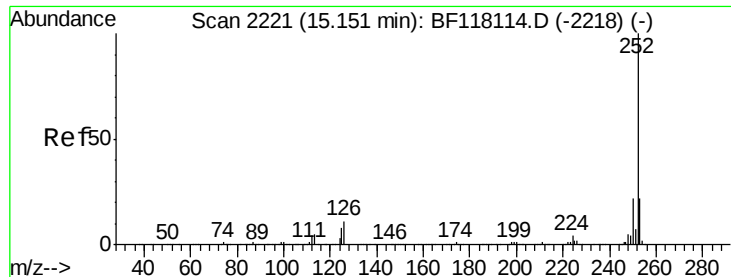
Sohil
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#88
Benzo(b)fluoranthene
Concen: 48.371 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.9	8.3	12.5





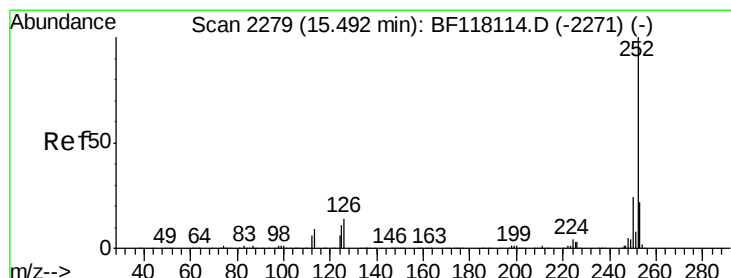
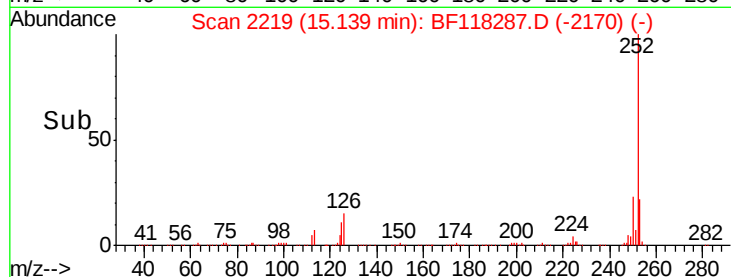
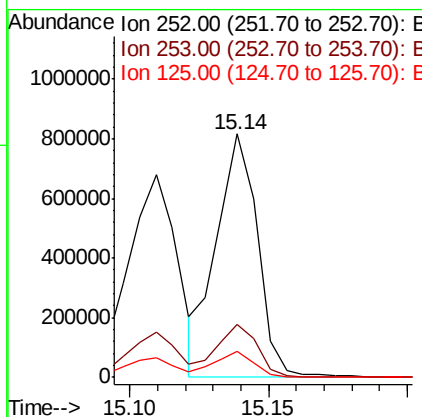
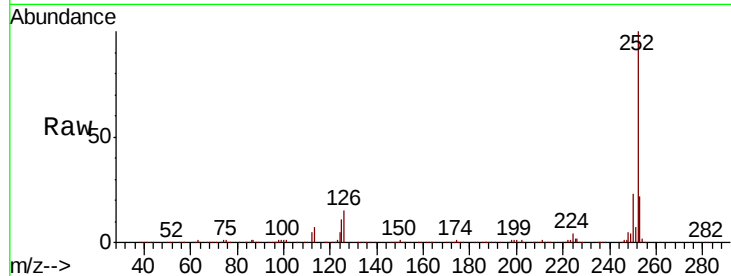
#89
Benzo(k)fluoranthene
Concen: 50.751 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.7	6.7	10.1

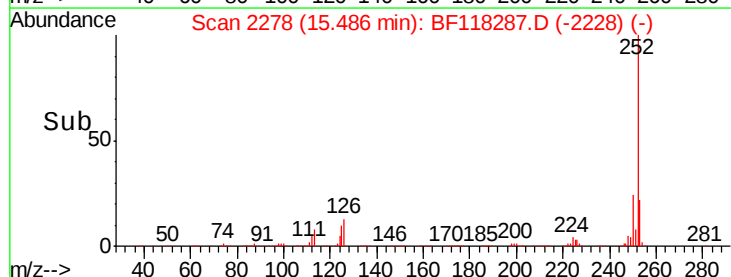
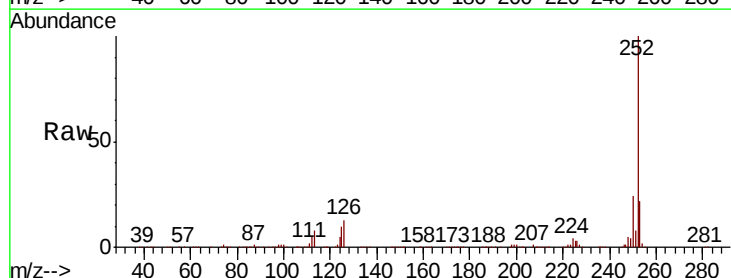
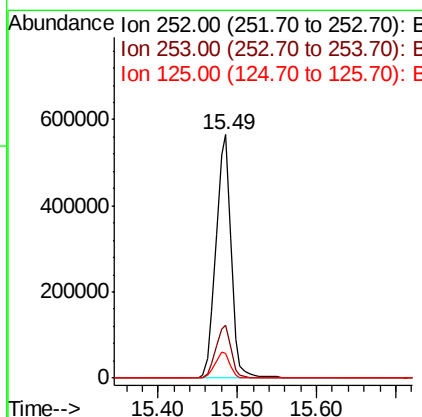
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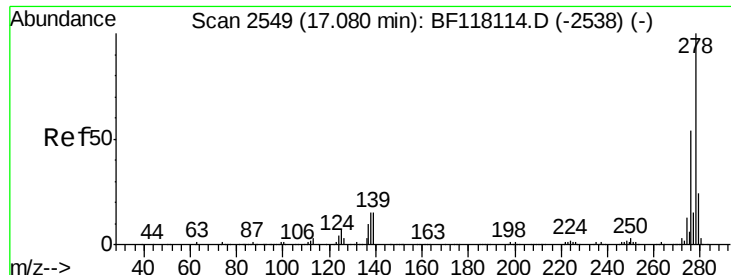
Sohil
12/20/2019 4:26:22 PM



#90
Benzo(a)pyrene
Concen: 48.988 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.3	9.1	13.7





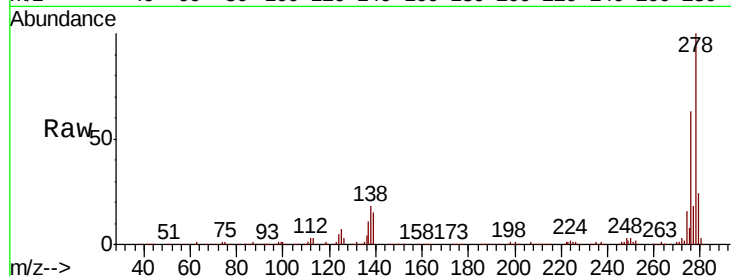
#91
Dibenzo(a,h)anthracene
Concen: 58.616 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.7	17.5
279	24.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
12/20/2019 4:26:22 PM

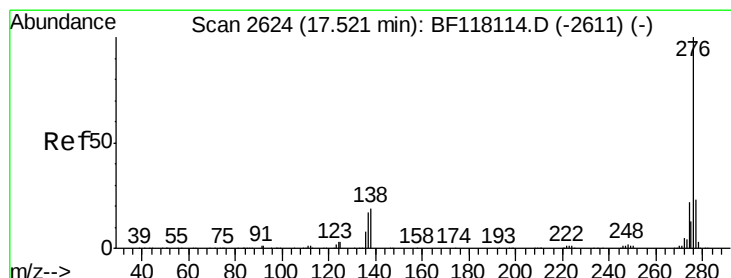
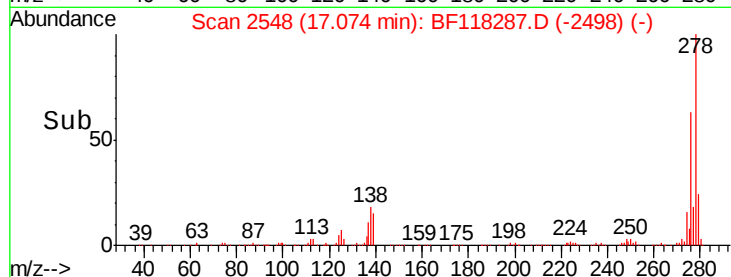
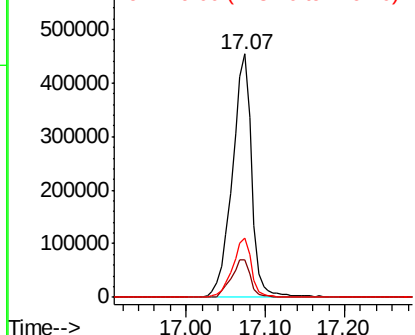


Abundance

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: 62.544 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118287.D
Acq: 19 Dec 2019 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.2	27.4
138	20.8	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

