

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118103.D
 Acq On : 4 Dec 2019 23:06
 Operator : JU
 Sample : K5675-11MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Manual Integrations
 APPROVED

mohammad
 12/5/2019 10:50:48 AM

Quant Time: Dec 05 03:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179270	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	702340	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	375691	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	722836	20.00	ng	0.00
76) Chrysene-d12	14.07	240	414913	20.00	ng	0.00
87) Perylene-d12	15.57	264	456472	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1049401	103.62	ng	0.02
7) Phenol-d6	6.52	99	1322156	108.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	791314	66.98	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	466392	117.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1631535	77.91	ng	0.00
79) Terphenyl-d14	13.02	244	2046258	90.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.80	88	135436	28.609	ng	# 83
3) Pyridine	3.53	79	206383	16.619	ng	99
4) n-Nitrosodimethylamine	3.46	42	141985	26.193	ng	92
6) Aniline	6.54	93	297615	18.437	ng	100
8) 2-Chlorophenol	6.67	128	421375	38.344	ng	96
9) Benzaldehyde	6.43	77	93696	7.952	ng	96
10) Phenol	6.53	94	484314	38.154	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	355625	34.887	ng	99
12) 1,3-Dichlorobenzene	6.82	146	420220	32.480	ng	96
13) 1,4-Dichlorobenzene	6.90	146	431239	32.976	ng	97
14) 1,2-Dichlorobenzene	7.05	146	404883	32.372	ng	99
15) Benzyl Alcohol	7.02	79	330591	35.054	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	430004	27.399	ng	98
17) 2-Methylphenol	7.13	107	341013	36.643	ng	99
18) Hexachloroethane	7.39	117	152313	31.705	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	255539	33.909	ng	95
20) 3+4-Methylphenols	7.29	107	419553	36.318	ng	90
22) Acetophenone	7.29	105	552650	35.023	ng	# 93
24) Nitrobenzene	7.46	77	364982	29.945	ng	94
25) Isophorone	7.70	82	718278	33.170	ng	99
26) 2-Nitrophenol	7.78	139	236788	39.914	ng	95
27) 2,4-Dimethylphenol	7.82	122	325277	35.285	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	461156	33.559	ng	99
29) 2,4-Dichlorophenol	8.02	162	355217	35.524	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	379044	32.680	ng	99
31) Naphthalene	8.19	128	1194903	36.494	ng	99
32) Benzoic acid	7.94	122	225917	29.269	ng	99
33) 4-Chloroaniline	8.23	127	217511	14.839	ng	97
34) Hexachlorobutadiene	8.30	225	178119	26.266	ng	96
35) Caprolactam	8.60	113	89809m	28.260	ng	
36) 4-Chloro-3-methylphenol	8.72	107	319684	31.502	ng	97
37) 2-Methylnaphthalene	8.88	142	704101	31.827	ng	99
38) 1-Methylnaphthalene	8.98	142	663491	31.723	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	320331	29.360	ng	99

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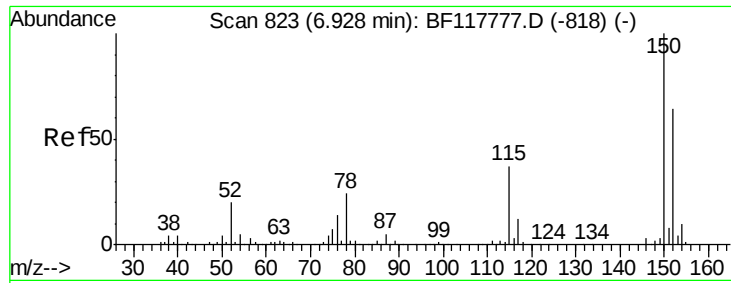
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	294154	48.110	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	230884	29.545	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	256058	31.558	nq	98
46) 1,1'-Biphenyl	9.35	154	1024475	36.755	nq	99
47) 2-Chloronaphthalene	9.37	162	788136	34.372	nq	97
48) 2-Nitroaniline	9.47	65	225640	32.595	nq	98
49) Acenaphthylene	9.79	152	1257457	37.614	nq	99
50) Dimethylphthalate	9.65	163	936962	35.565	nq	99
51) 2,6-Dinitrotoluene	9.71	165	215752	37.471	nq	94
52) Acenaphthene	9.96	154	737439	34.435	nq	99
53) 3-Nitroaniline	9.88	138	189322	27.479	nq	99
54) 2,4-Dinitrophenol	9.99	184	177971	61.949	nq	99
55) Dibenzofuran	10.13	168	1119858	37.763	nq	99
56) 4-Nitrophenol	10.05	139	335183	65.177	nq	95
57) 2,4-Dinitrotoluene	10.12	165	290833	39.708	nq	# 87
58) Fluorene	10.48	166	876096	38.124	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	237775	35.666	nq	97
60) Diethylphthalate	10.35	149	912625	35.532	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	420200	36.031	nq	95
62) 4-Nitroaniline	10.50	138	247348	35.856	nq	96
63) Azobenzene	10.63	77	806062	34.496	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	131186	38.876	nq	97
66) n-Nitrosodiphenylamine	10.59	169	779433	37.051	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	270529	34.686	nq	96
68) Hexachlorobenzene	11.03	284	312553	34.368	nq	96
69) Atrazine	11.12	200	183927	26.579	nq	100
70) Pentachlorophenol	11.23	266	319776	60.185	nq	100
71) Phenanthrene	11.45	178	1329683	36.588	nq	99
72) Anthracene	11.50	178	1355837	37.629	nq	100
73) Carbazole	11.66	167	1083458	34.410	nq	99
74) Di-n-butylphthalate	11.98	149	1405108	35.841	nq	100
75) Fluoranthene	12.64	202	1444637	43.382	nq	99
77) Benzidine	12.76	184	26599	1.957	nq	96
78) Pyrene	12.87	202	1431383	42.688	nq	99
80) Butylbenzylphthalate	13.49	149	513159	35.632	nq	99
81) Benzo(a)anthracene	14.06	228	963198	35.130	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	316200	32.970	nq	99
83) Chrysene	14.10	228	925305	34.828	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	701771	40.193	nq	100
85) Di-n-octyl phthalate	14.66	149	1298605	50.627	nq	100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1033345	45.699	nq	98
88) Benzo(b)fluoranthene	15.13	252	1050834	35.433	nq	99
89) Benzo(k)fluoranthene	15.16	252	963573	34.483	nq	98
90) Benzo(a)pyrene	15.51	252	941248	36.093	nq	99
91) Dibenzo(a,h)anthracene	17.10	278	925291	41.222	nq	99
92) Benzo(g,h,i)perylene	17.55	276	961058	42.986	nq	99

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



#1

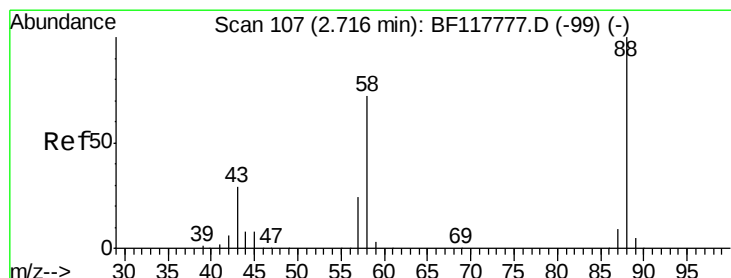
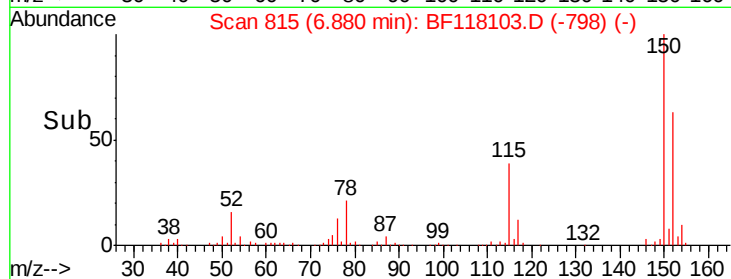
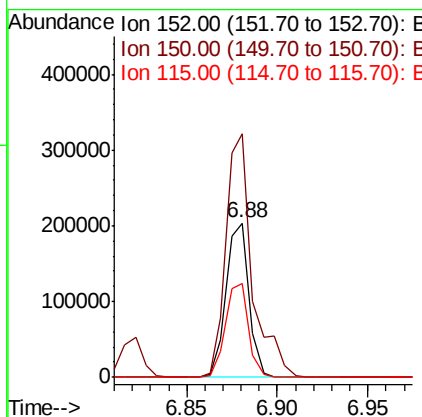
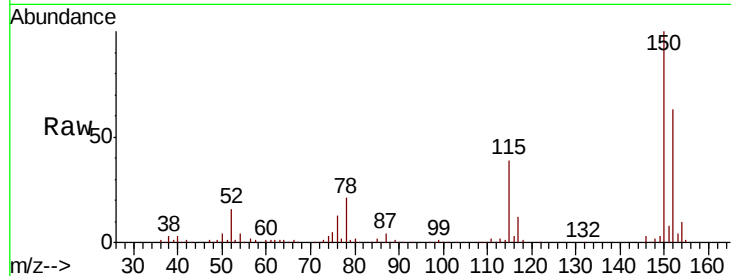
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	121.4	182.2
115	60.7	48.8	73.2

Manual Integrations
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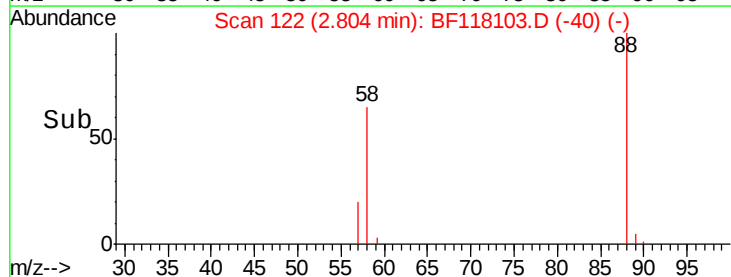
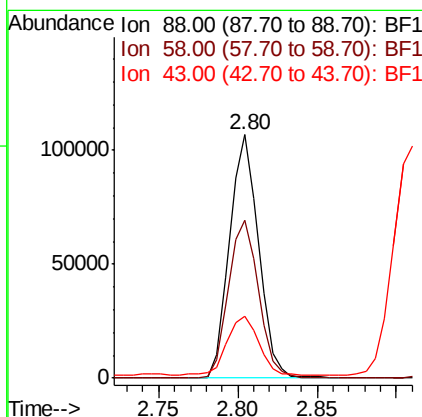
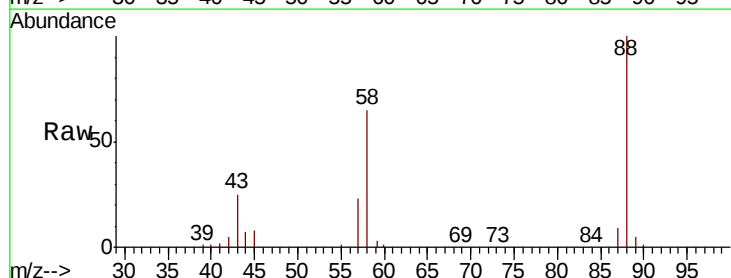
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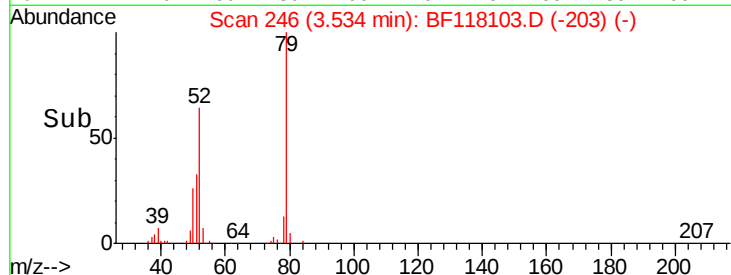
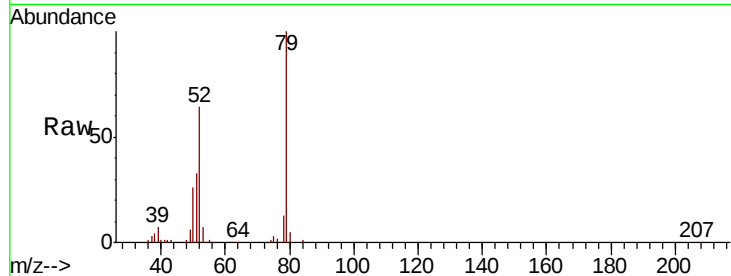
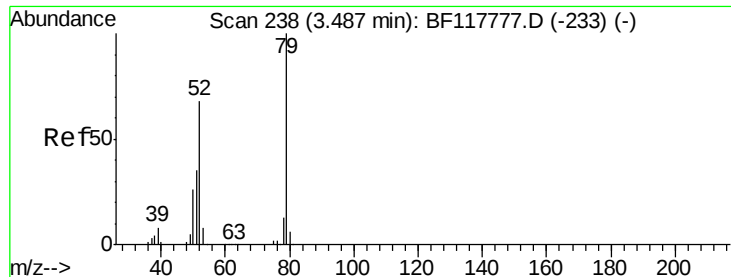


#2

1,4-Dioxane
Concen: 28.609 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.18 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	52.6	78.8
43	0.0	21.8	32.6





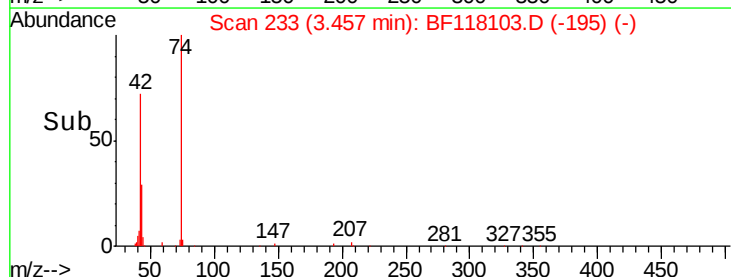
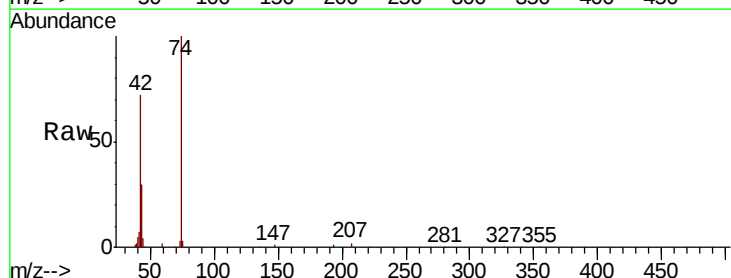
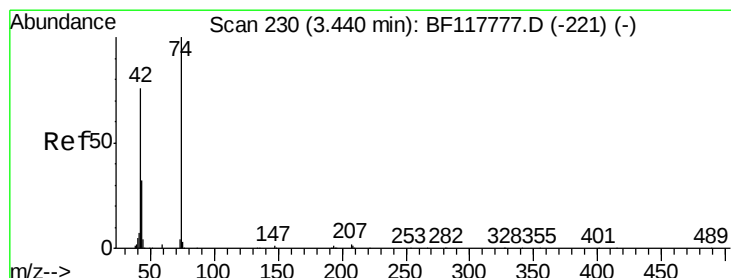
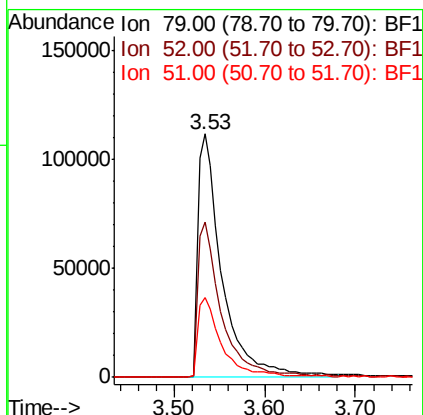
#3
Pvridine
Concen: 16.619 ng
RT: 3.53 min Scan# 246
Delta R.T. 0.15 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.6	50.6	75.8
51	32.8	26.8	40.2

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

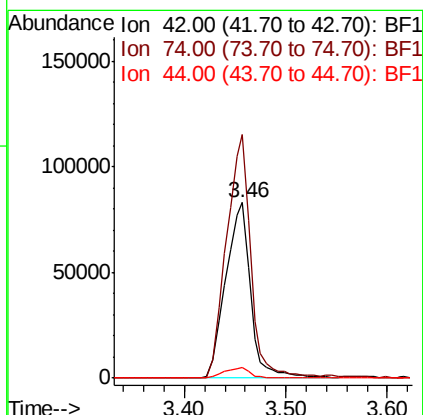
Manual Integrations
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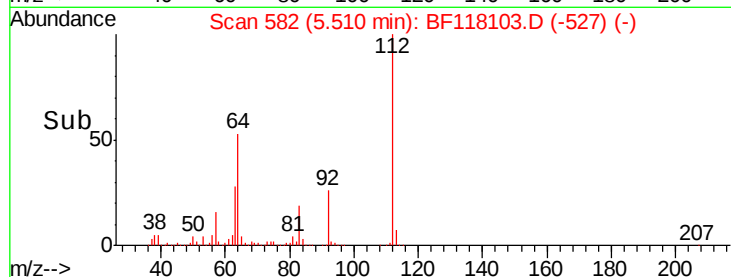
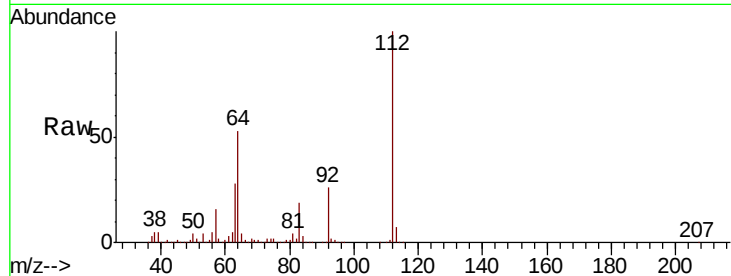
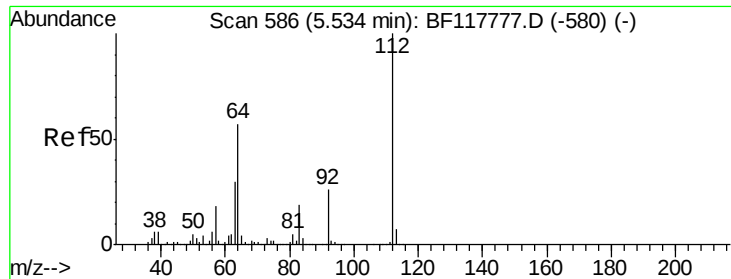
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#4
n-Nitrosodimethylamine
Concen: 26.193 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.12 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.8	102.8	154.2
44	5.9	4.7	7.1





#5

2-Fluorophenol

Concen: 103.618 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tot Ion:	112	Resp:	1049401
Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.1	67.7
63	28.4	24.6	37.0

Instrument :

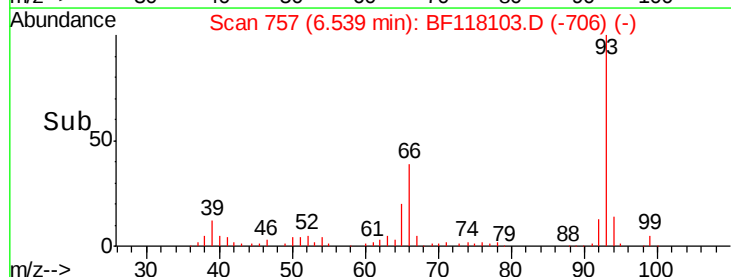
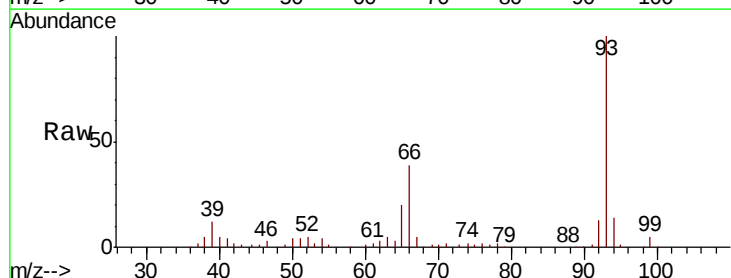
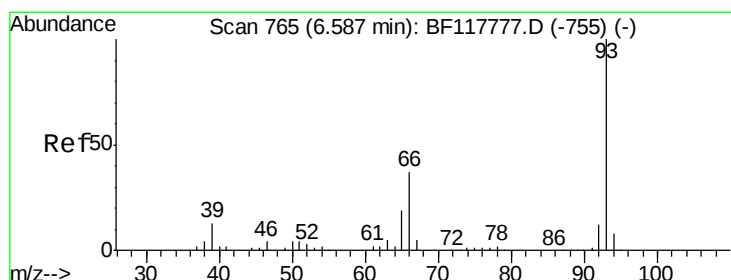
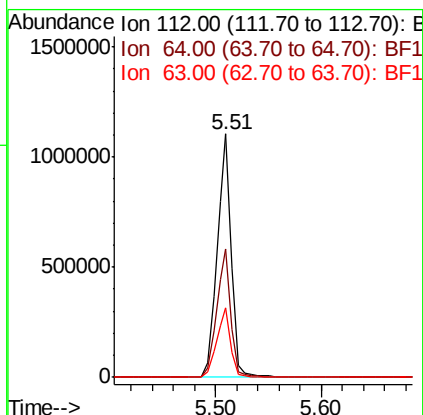
BNA_F

ClientSampleId :

TR-05-112619MS

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#6

Aniline

Concen: 18.437 ng

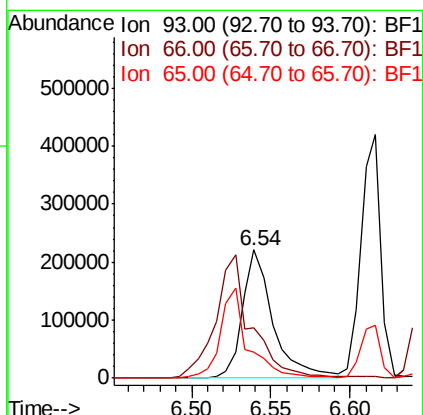
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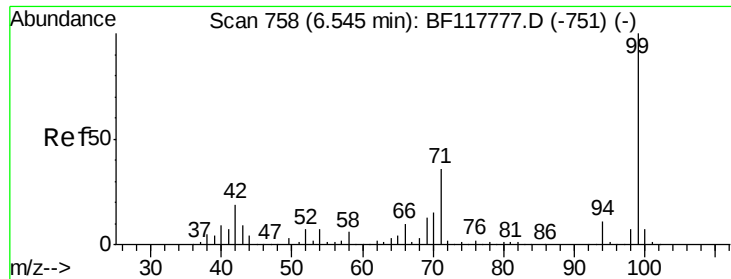
Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	93	Resp:	297615
Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.0	46.6
65	20.2	15.8	23.8





#7

Phenol-d6

Concen: 108.235 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MS

Tot Ion: 99 Resp: 1322156

Ion Ratio Lower Upper

99 100

42 16.5 14.0 21.0

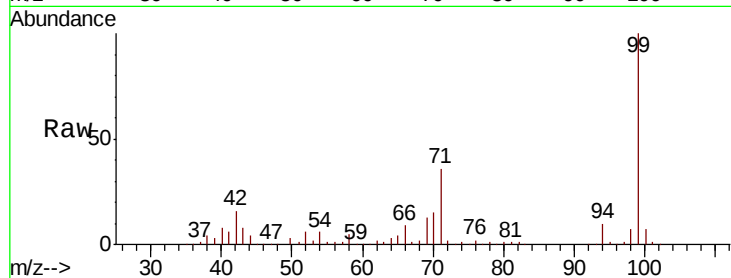
71 35.7 29.2 43.8

Manual Integrations

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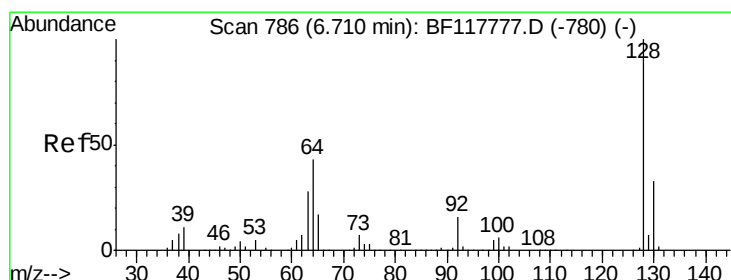
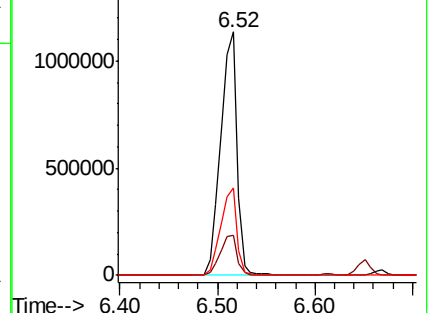
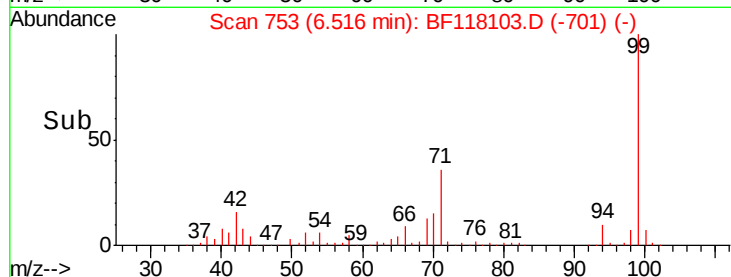
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.344 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

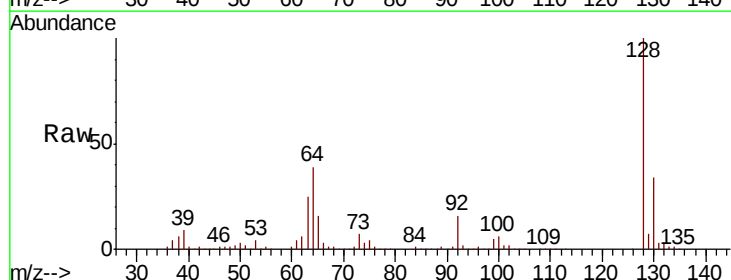
Tgt Ion:128 Resp: 421375

Ion Ratio Lower Upper

128 100

130 33.7 12.4 52.4

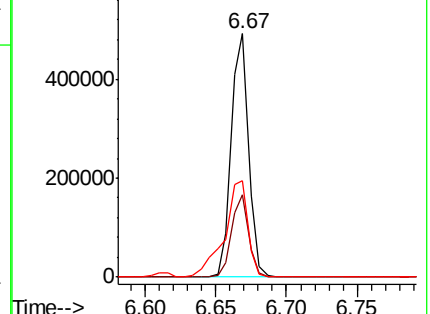
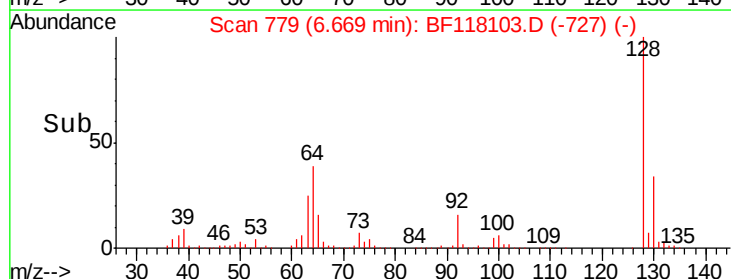
64 39.3 23.2 63.2

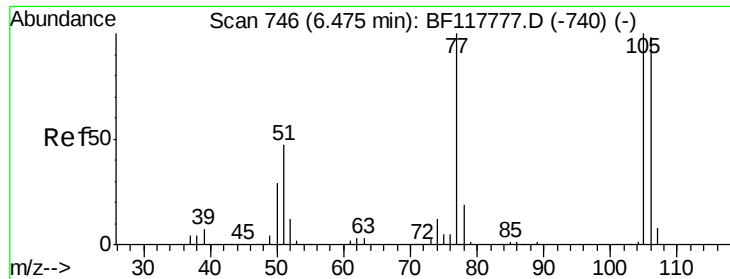


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





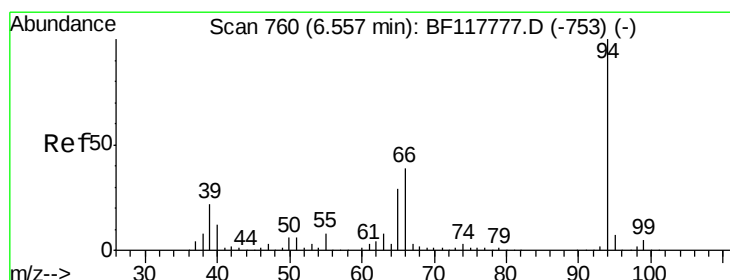
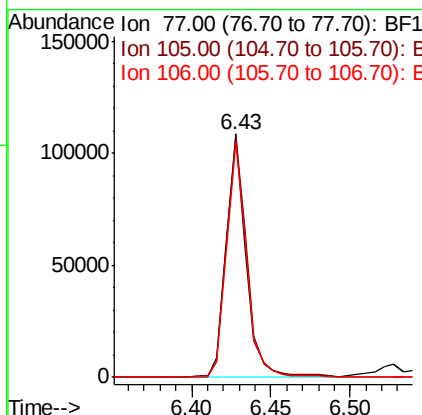
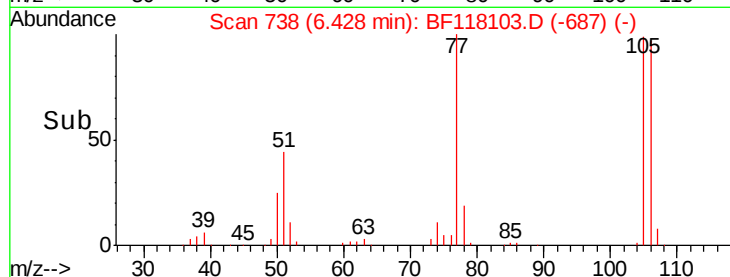
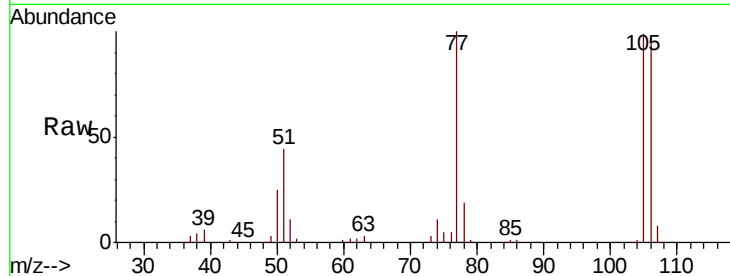
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Benzaldehyde
Concen: 7.952 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.3	123.3
106	96.6	80.9	120.9

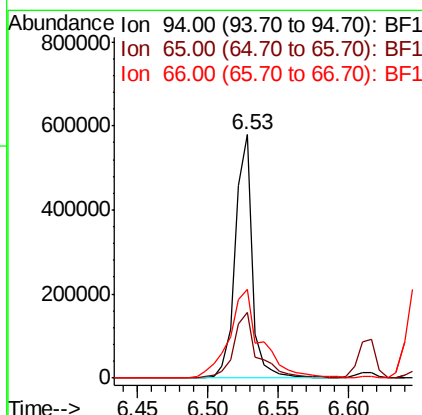
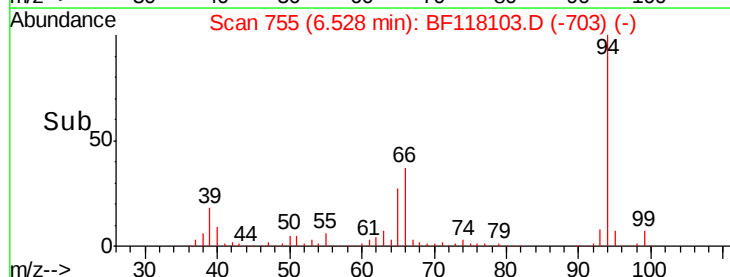
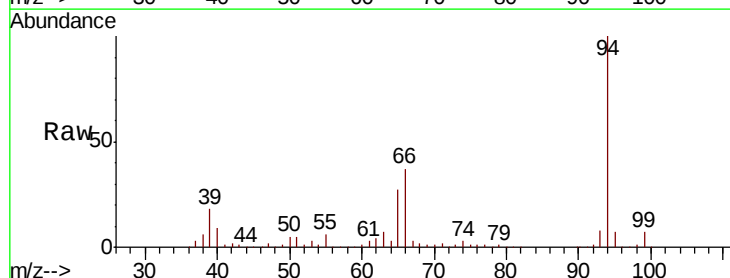
Manual Integrations
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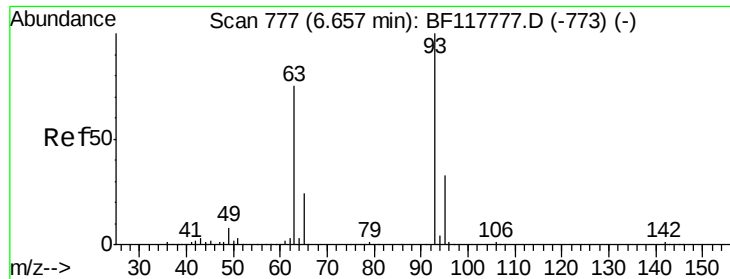
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#10
Phenol
Concen: 38.154 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	6.9	46.9
66	36.7	18.6	58.6





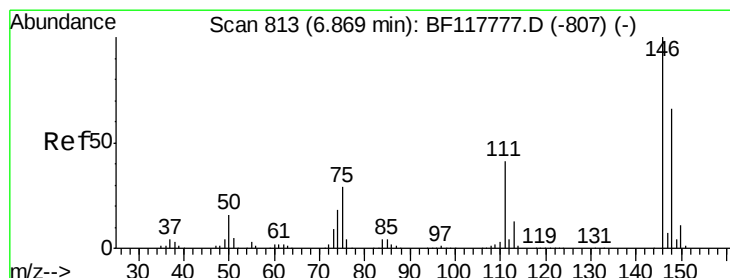
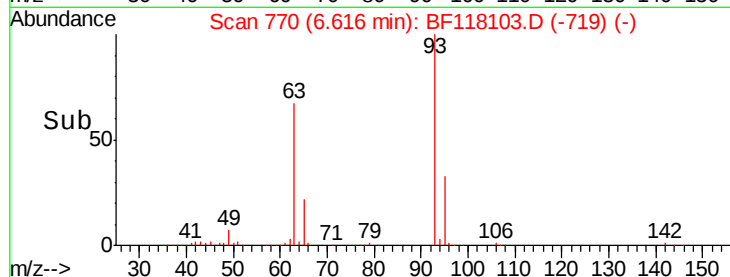
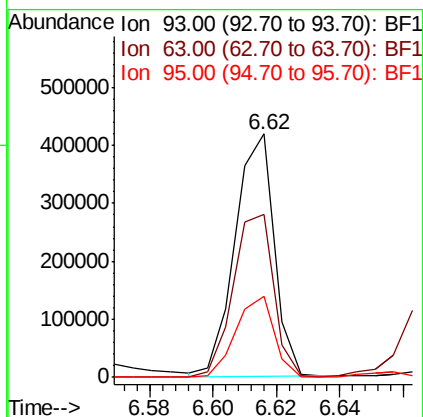
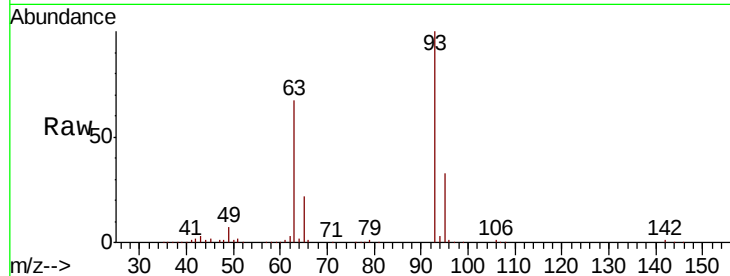
#11
bis(2-Chloroethyl)ether
Concen: 34.887 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.7	46.8	86.8
95	33.1	12.0	52.0

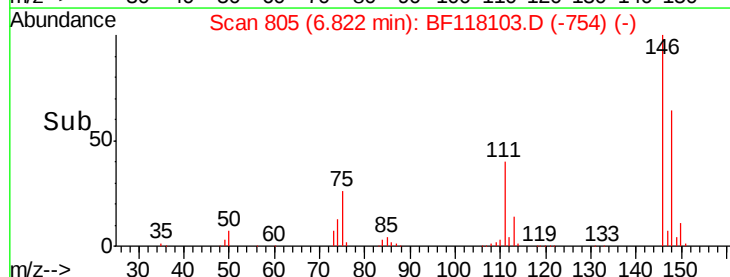
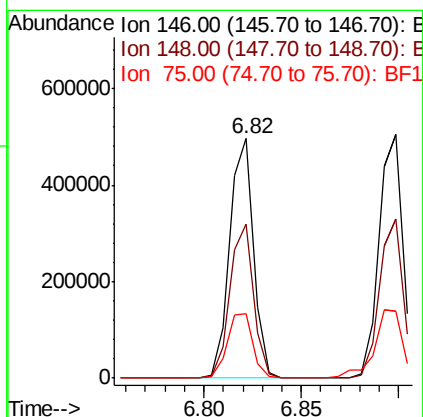
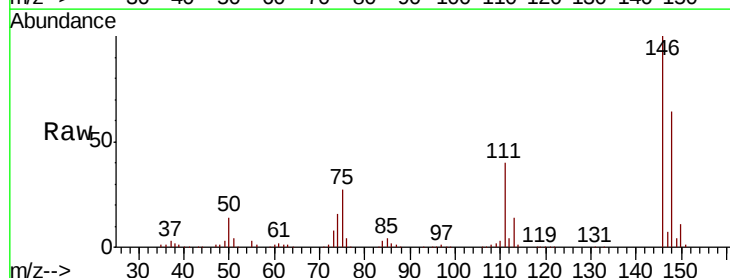
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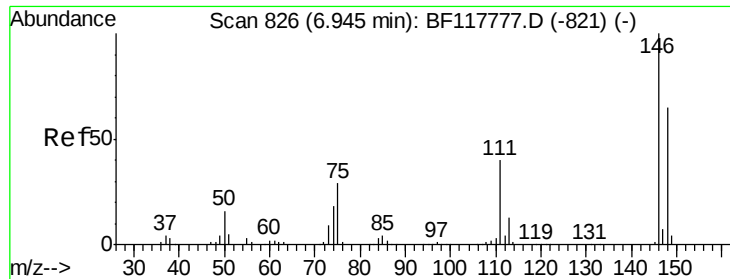
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#12
1,3-Dichlorobenzene
Concen: 32.480 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.7	79.1
75	26.8	24.5	36.7





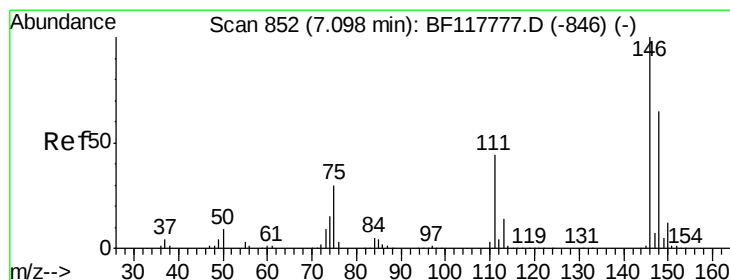
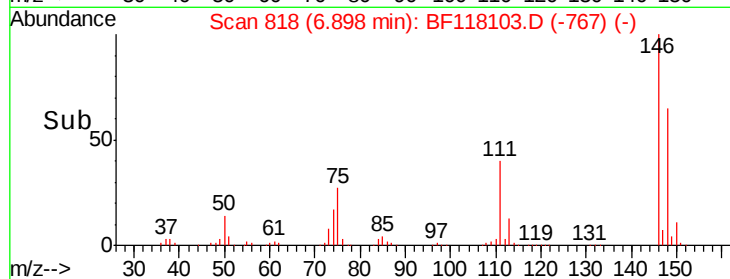
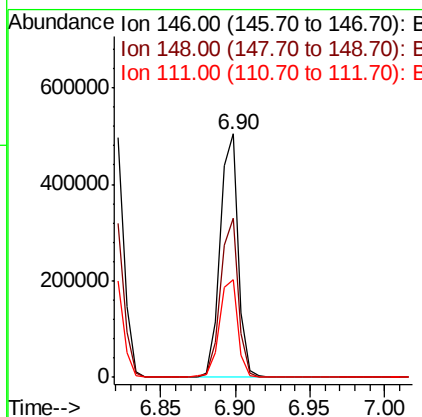
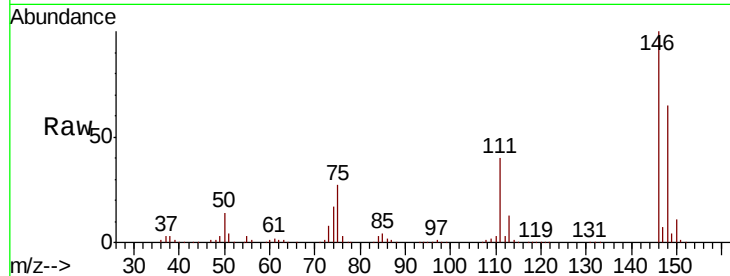
#13
 1,4-Dichlorobenzene
 Concen: 32.976 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	40.0	34.6	51.8

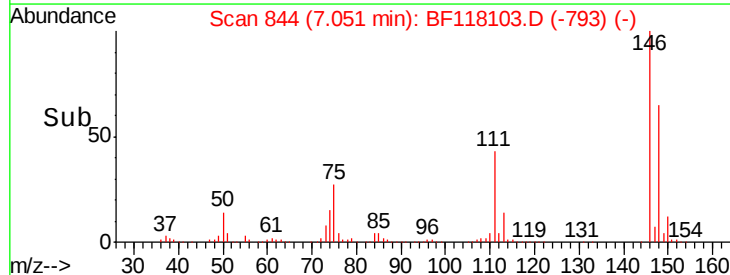
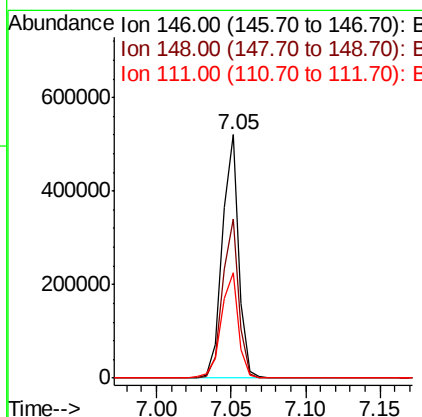
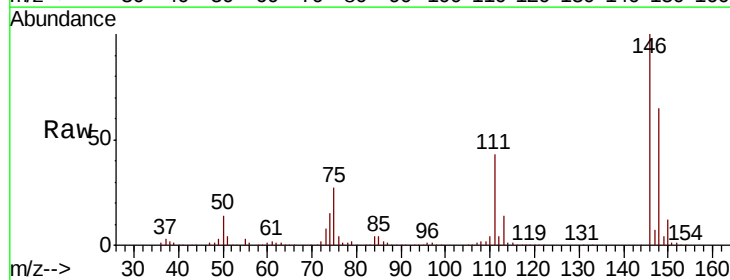
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#14
 1,2-Dichlorobenzene
 Concen: 32.372 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.6	77.4
111	43.4	35.8	53.8





#15

Benzyl Alcohol

Concen: 35.054 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

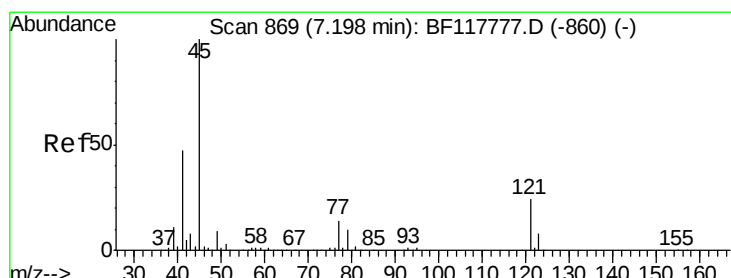
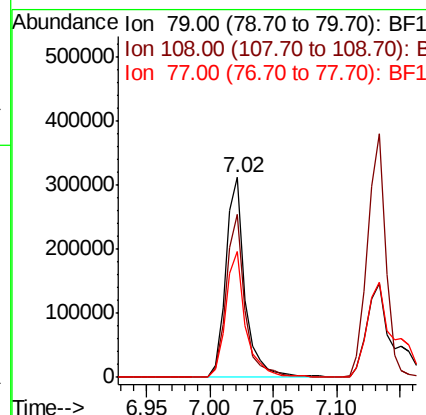
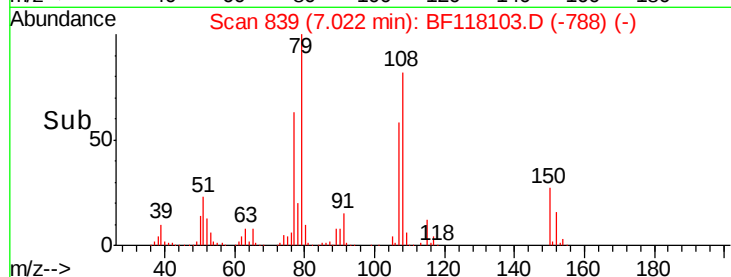
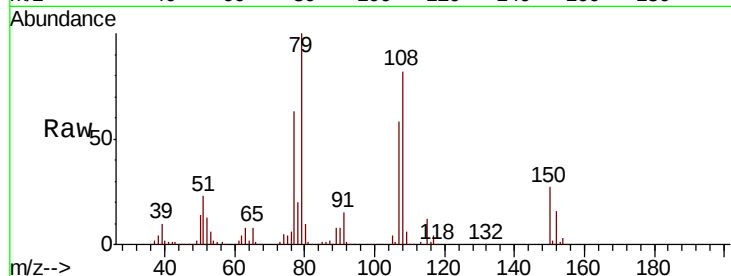
ClientSampleId :

TR-05-112619MS

Tot Ion:	79	Resp:	330591
Ion Ratio	Lower	Upper	
79	100		
108	81.6	63.1	94.7
77	63.4	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.399 ng

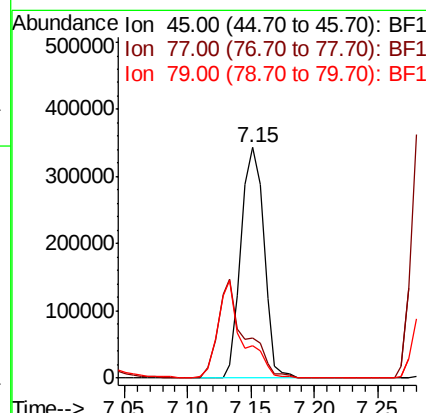
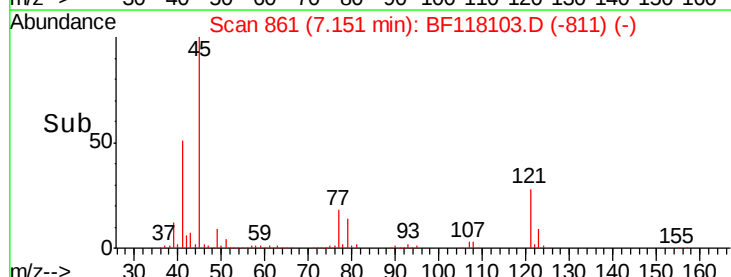
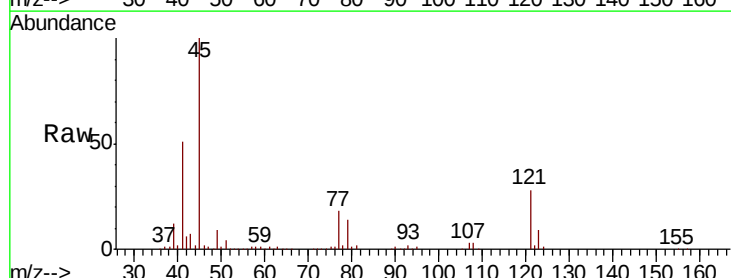
RT: 7.15 min Scan# 861

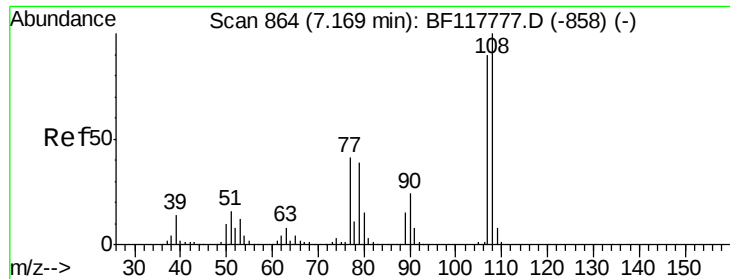
Delta R.T. -0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	45	Resp:	430004
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	36.8
79	14.0	0.0	33.5





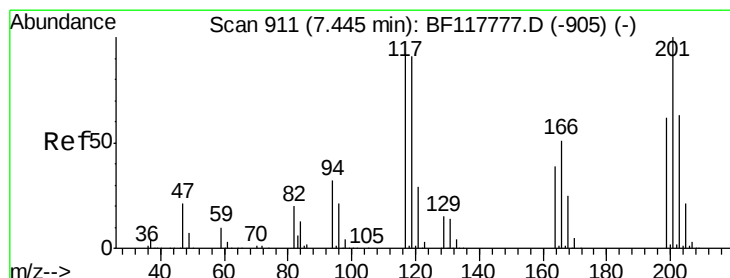
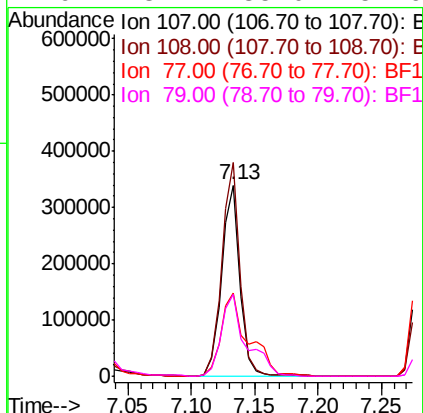
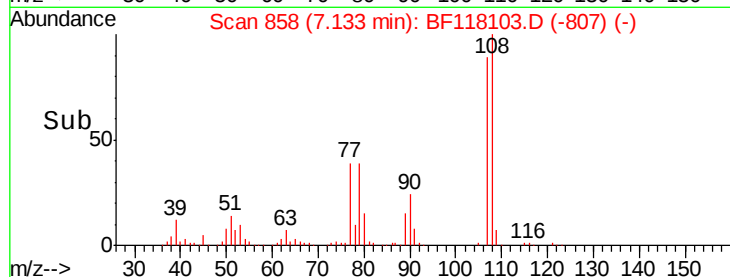
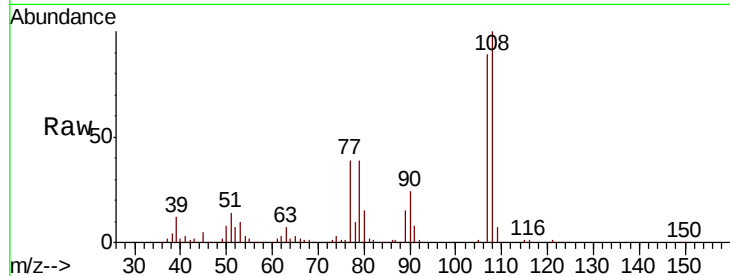
#17
2-Methylphenol
Concen: 36.643 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion:	107	Resp:	341013
Ion Ratio	Lower	Upper	
107	100		
108	111.8	89.8	134.8
77	43.5	35.0	52.6
79	43.1	35.0	52.6

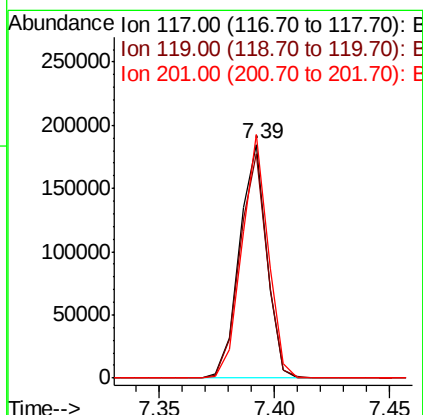
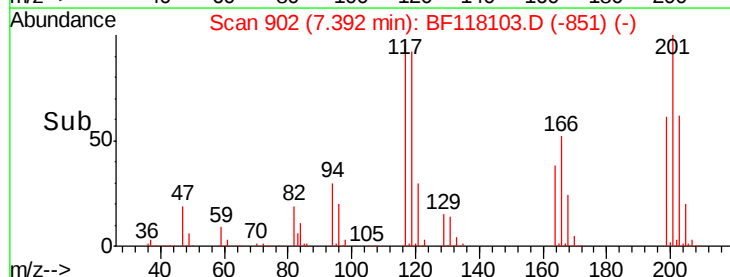
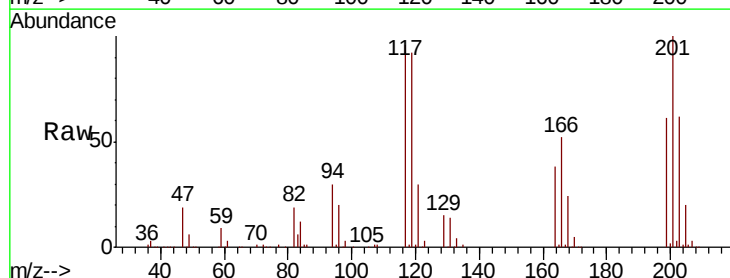
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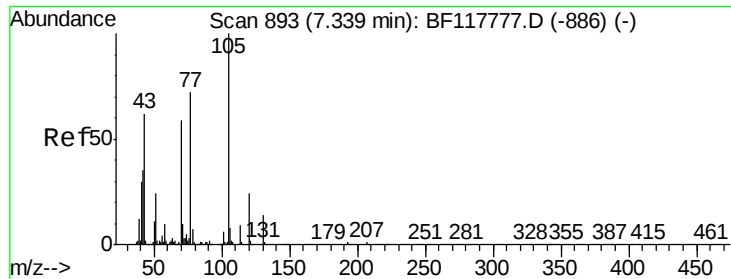
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#18
Hexachloroethane
Concen: 31.705 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:	117	Resp:	152313
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.4	114.6
201	104.3	71.7	107.5





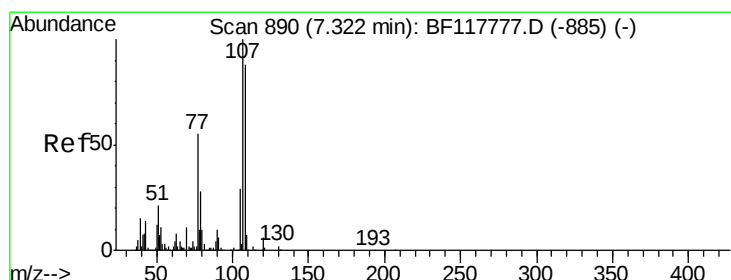
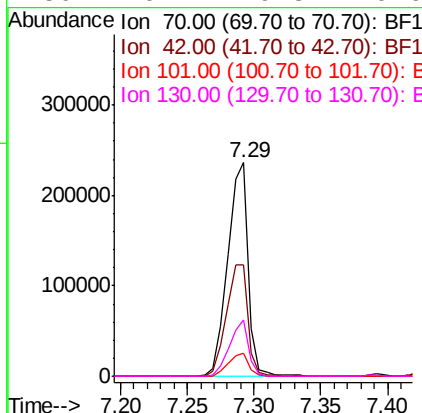
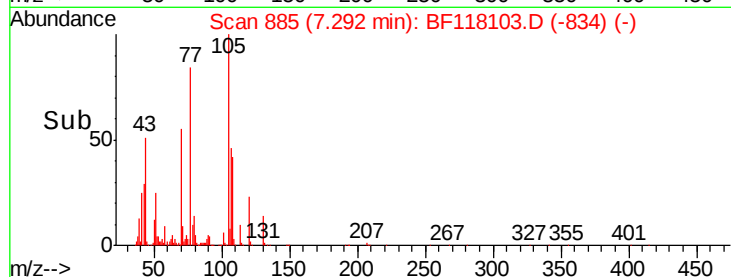
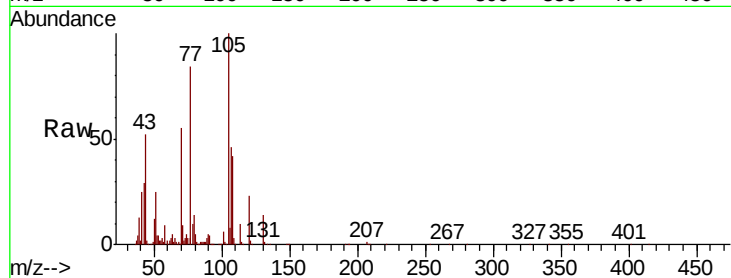
#19
n-Nitroso-di-n-propylamine
Concen: 33.909 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	46.0	69.0	
101	10.9	8.8	13.2	
130	26.2	19.8	29.6	

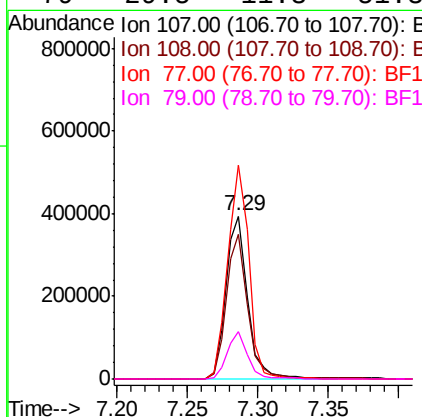
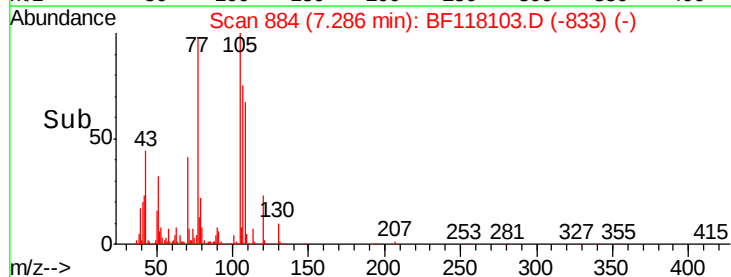
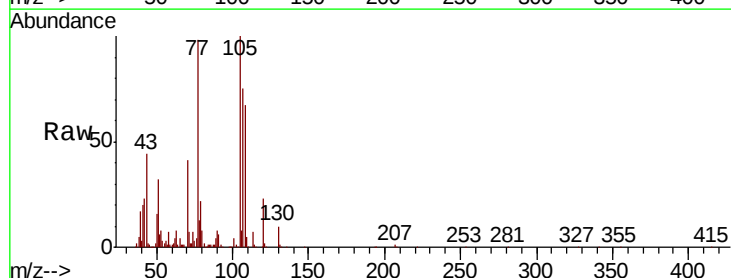
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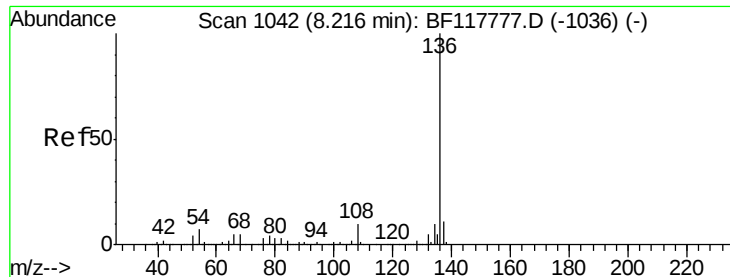
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#20
3+4-Methylphenols
Concen: 36.318 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	71.9	111.9	
77	131.3	91.6	131.6	
79	29.5	11.3	51.3	





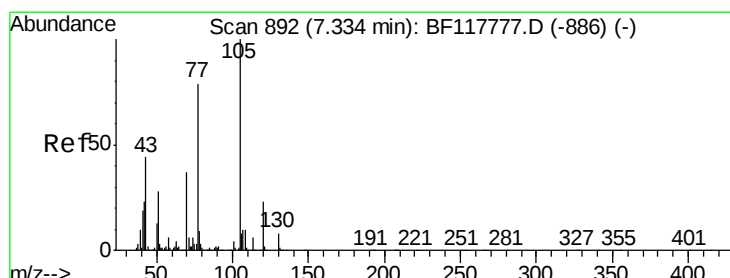
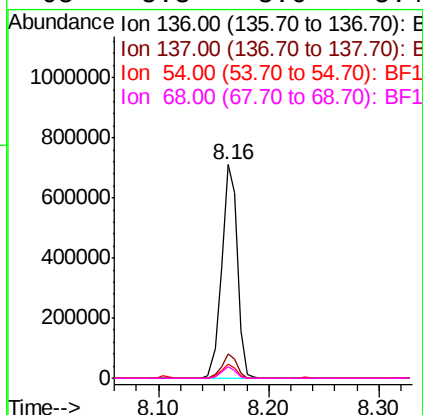
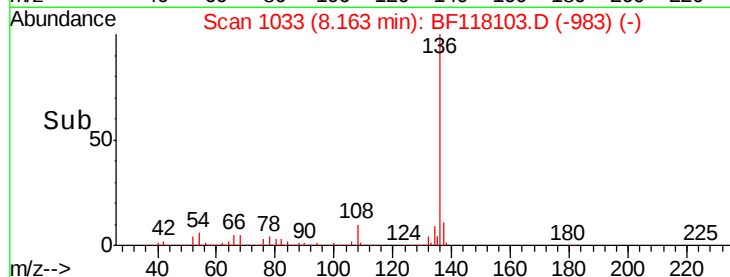
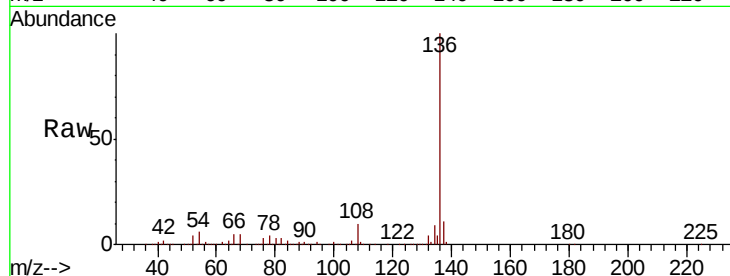
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	6.3	4.9	7.3	
68	5.3	3.6	5.4	

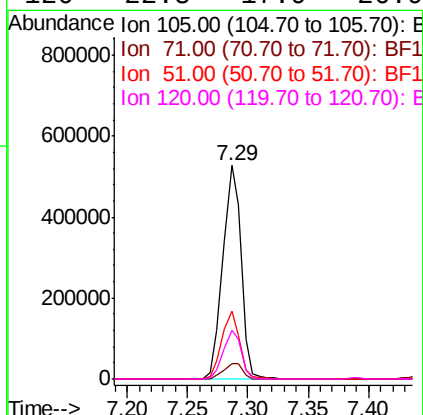
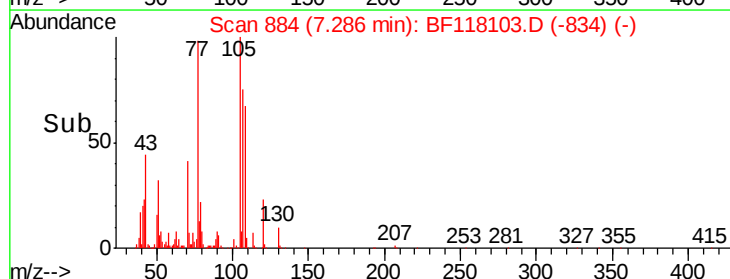
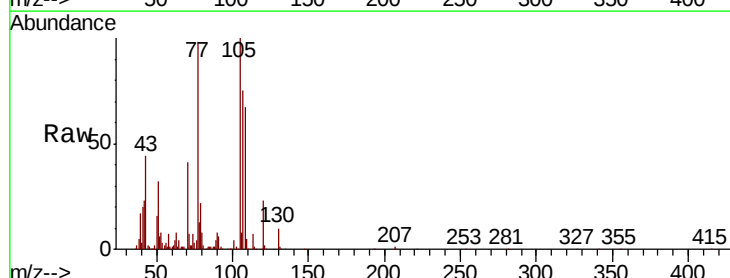
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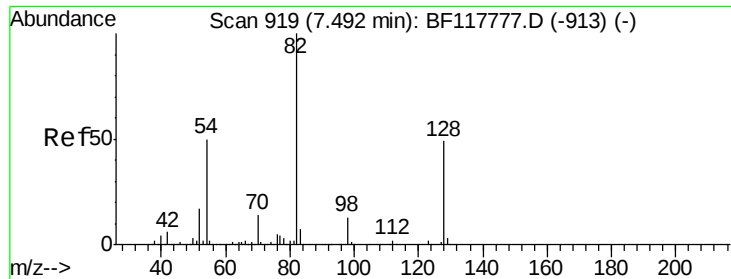
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#22
Acetophenone
Concen: 35.023 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	5.9	8.9	
51	32.1	20.2	30.2	
120	22.8	17.9	26.9	





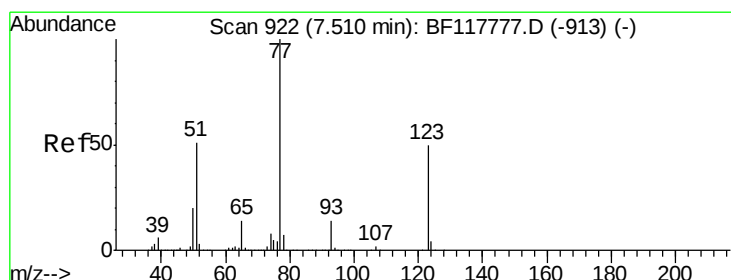
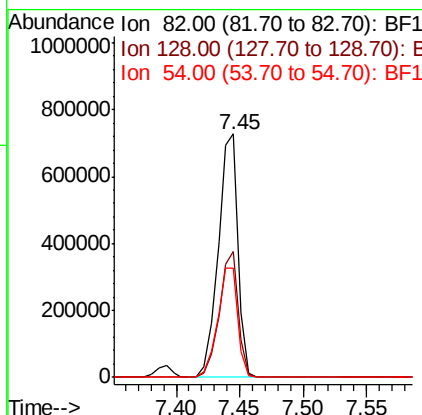
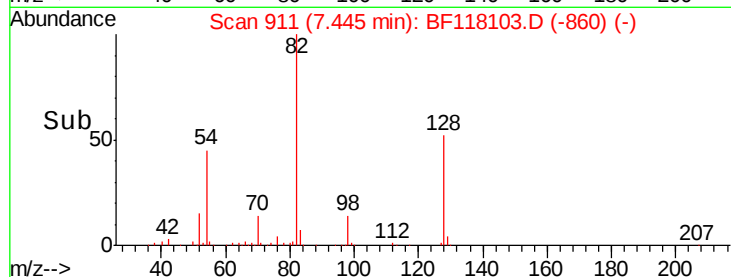
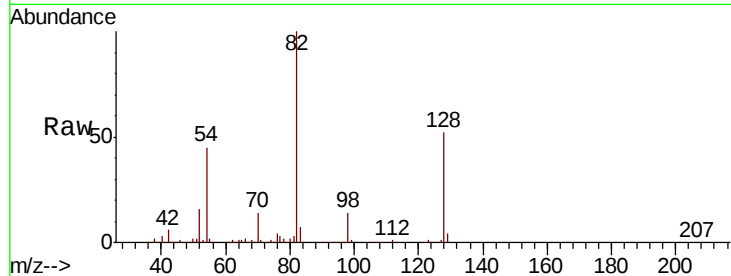
#23
 Nitrobenzene-d5
 Concen: 66.977 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	38.2	57.4
54	44.8	39.0	58.4

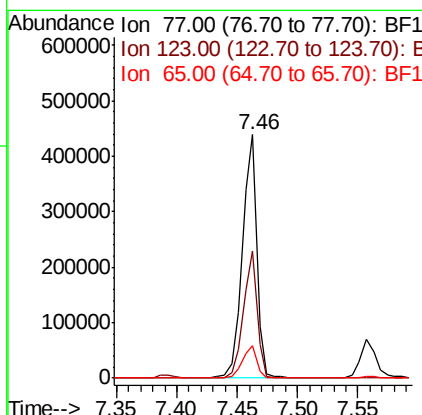
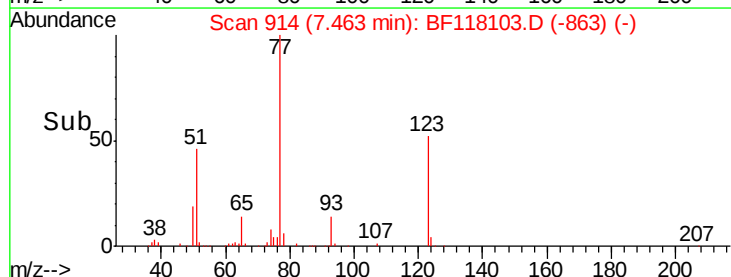
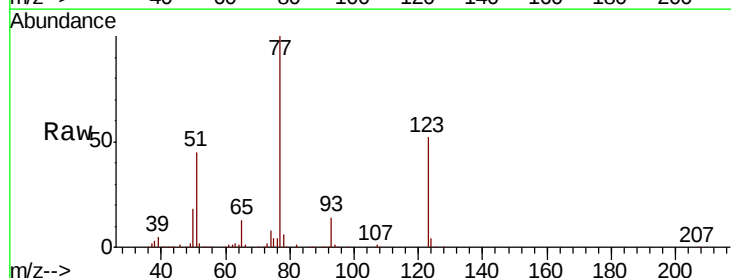
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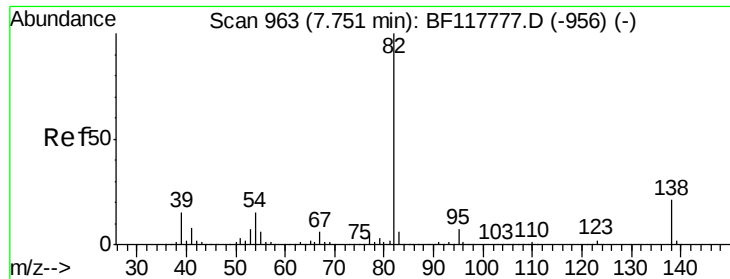
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#24
 Nitrobenzene
 Concen: 29.945 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	38.2	57.2
65	13.3	11.1	16.7





#25

Isophorone

Concen: 33.170 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

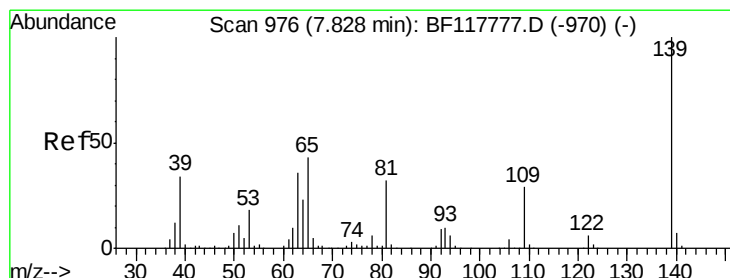
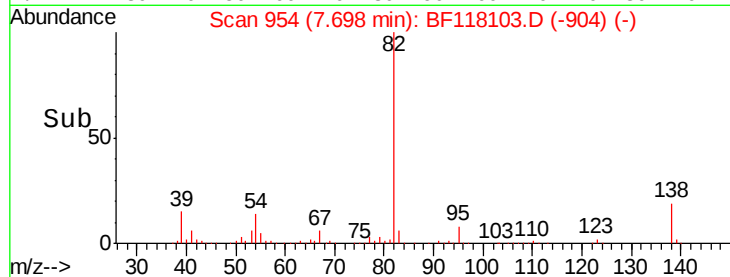
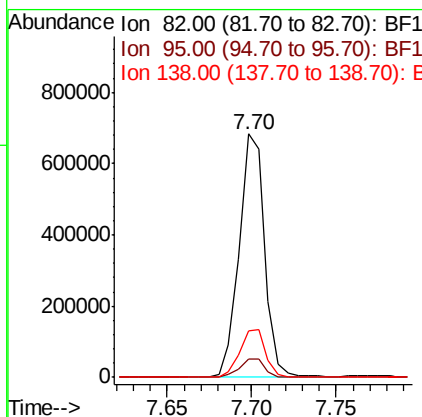
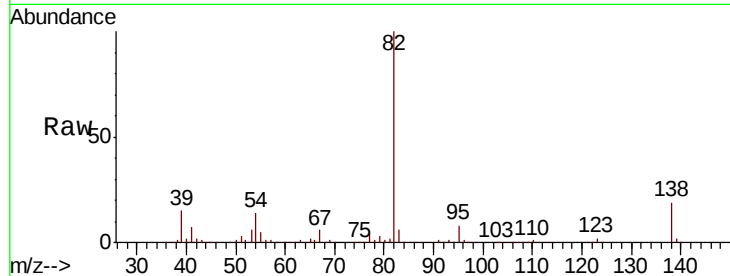
ClientSampleId :

TR-05-112619MS

Tot Ion:	82	Resp:	718278
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	19.1	15.9	23.9

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#26

2-Nitrophenol

Concen: 39.914 ng

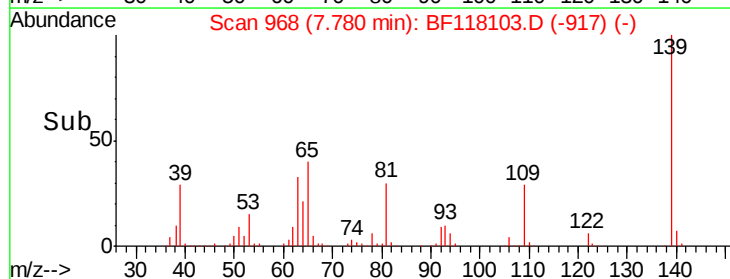
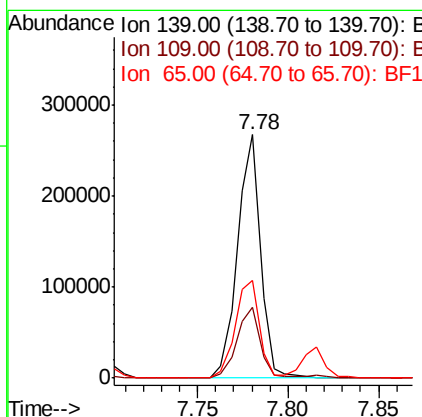
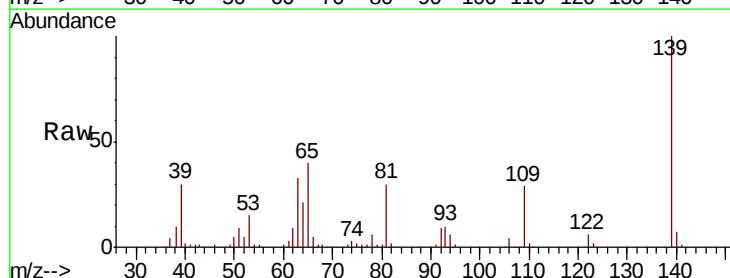
RT: 7.78 min Scan# 968

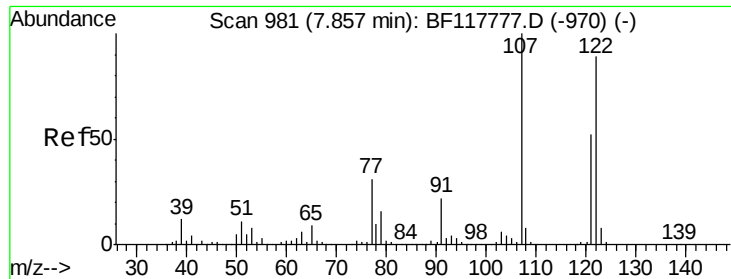
Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	139	Resp:	236788
Ion Ratio	Lower	Upper	
139	100		
109	28.9	23.8	35.6
65	40.0	36.2	54.4





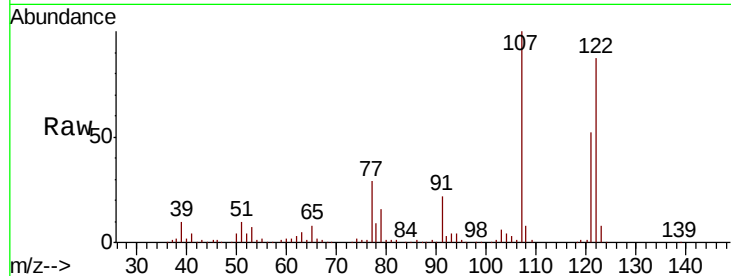
#27
2,4-Dimethylphenol
Concen: 35.285 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	114.7	92.6		138.8	
121	59.3	46.9		70.3	

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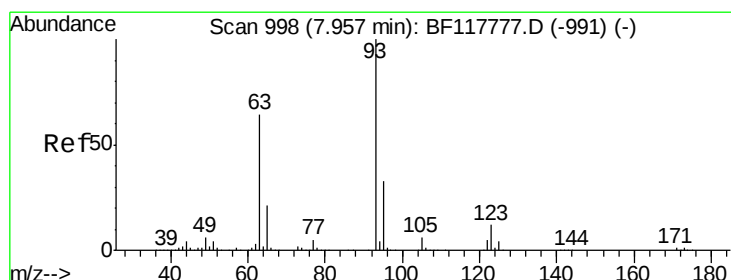
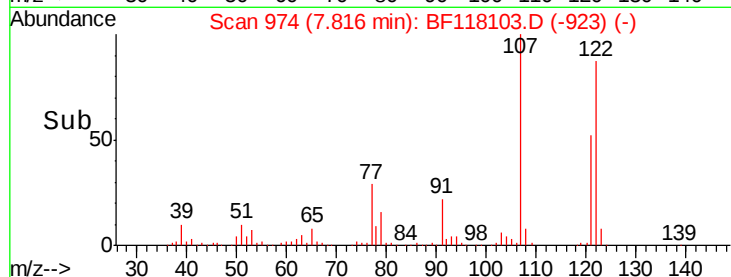
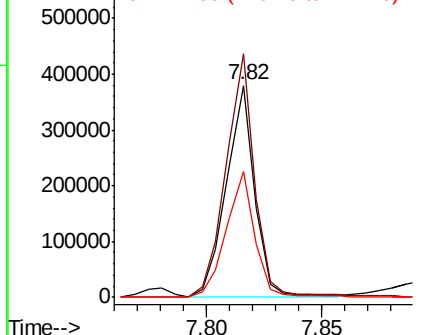


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 33.559 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

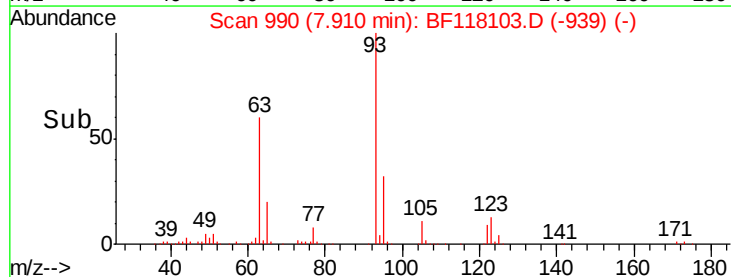
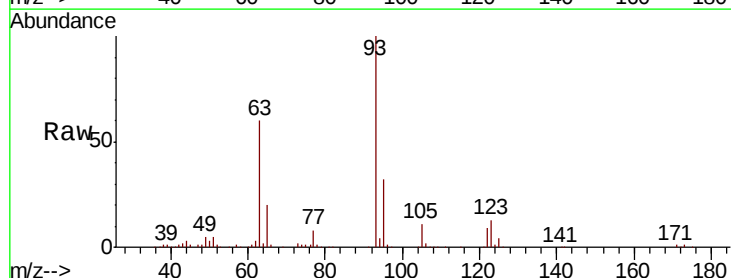
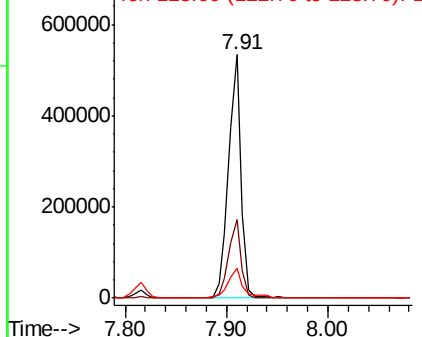
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.4	26.4		39.6	
123	12.5	10.2		15.4	

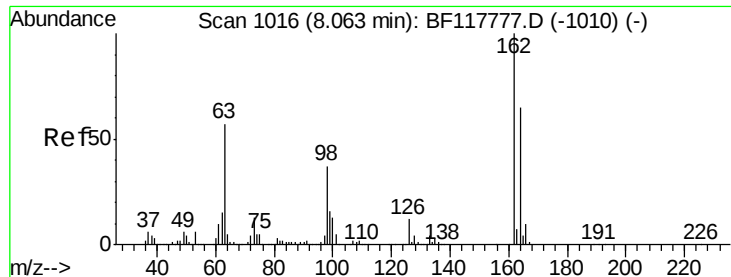
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





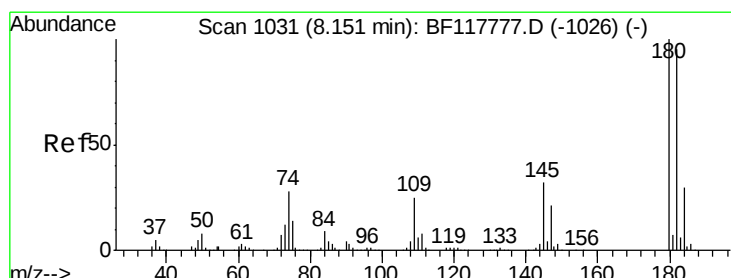
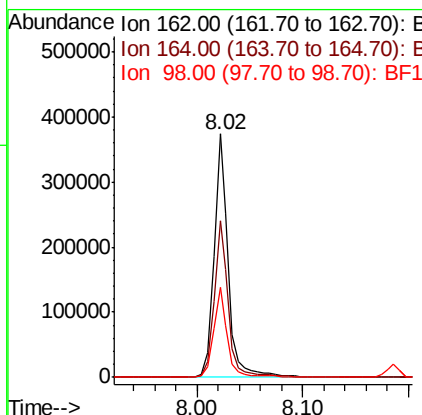
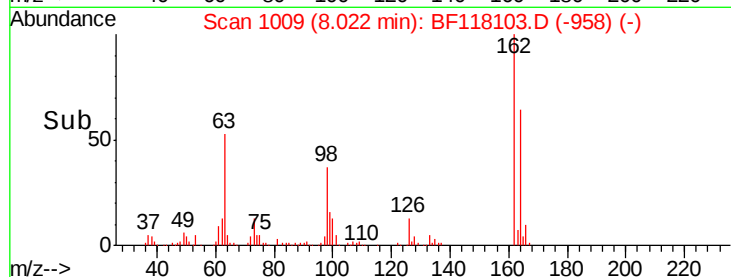
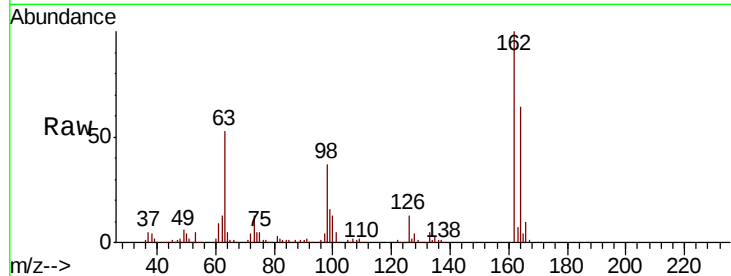
#29
2,4-Dichlorophenol
Concen: 35.524 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		355217		
164	64.2	42.9	82.9		
98	37.1	16.7	56.7		

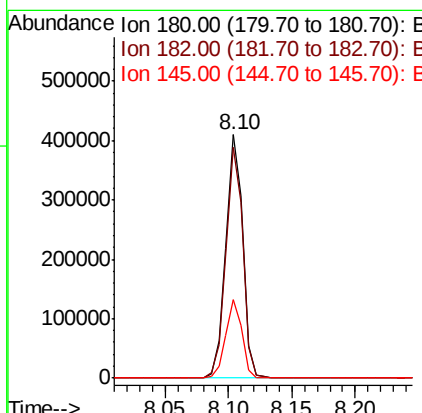
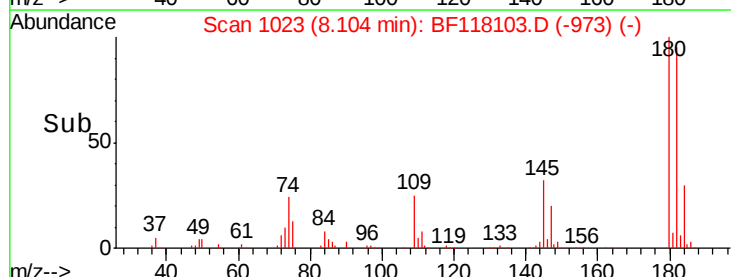
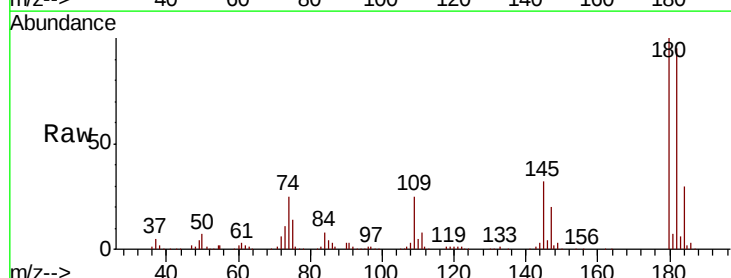
Manual Integrations
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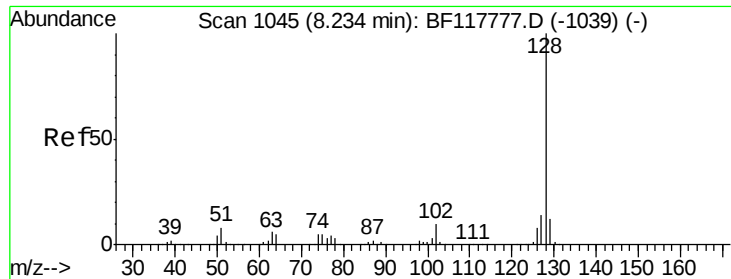
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#30
1,2,4-Trichlorobenzene
Concen: 32.680 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		379044		
182	94.7	76.6	114.8		
145	32.0	25.1	37.7		





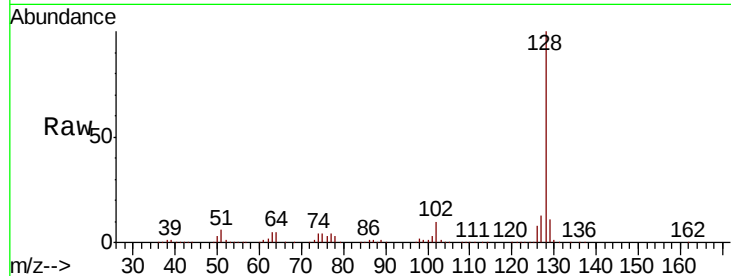
#31
Naphthalene
Concen: 36.494 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.6	16.0

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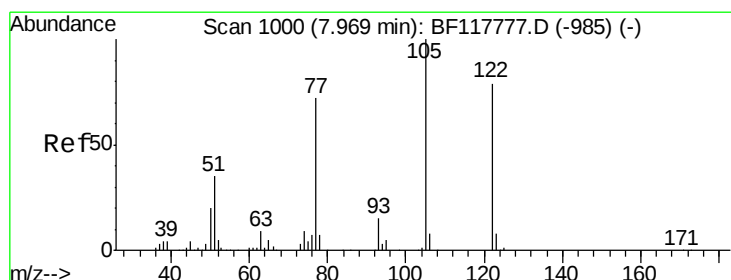
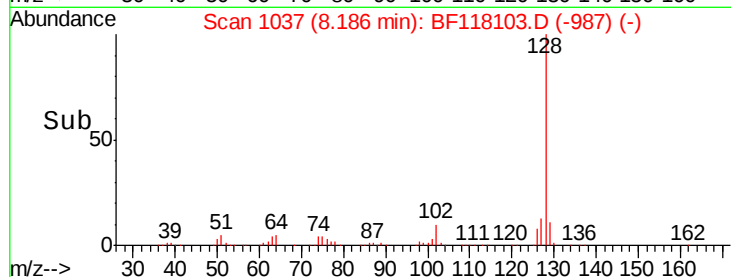
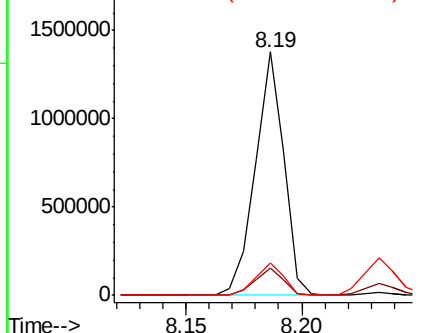


Abundance

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: 29.269 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

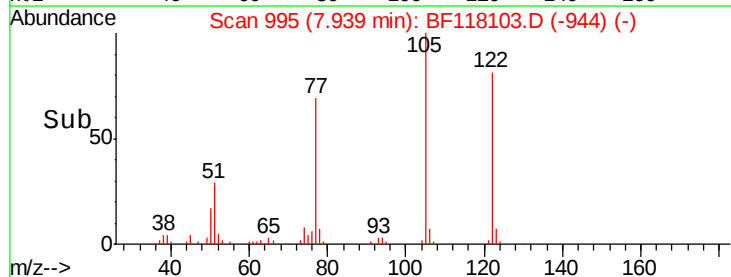
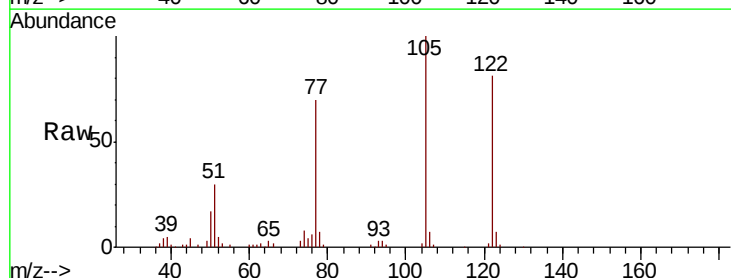
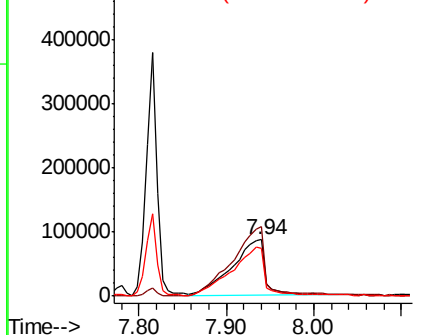
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	101.4	141.4
77	85.7	66.4	106.4

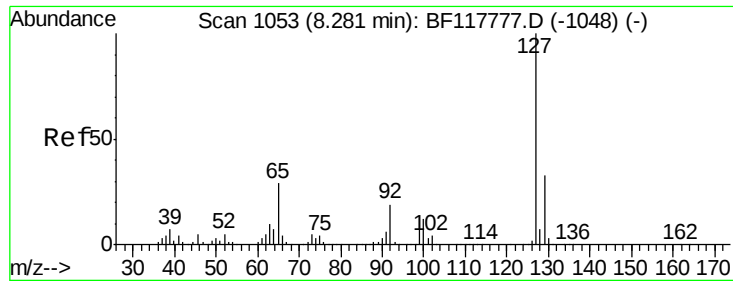
Abundance

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





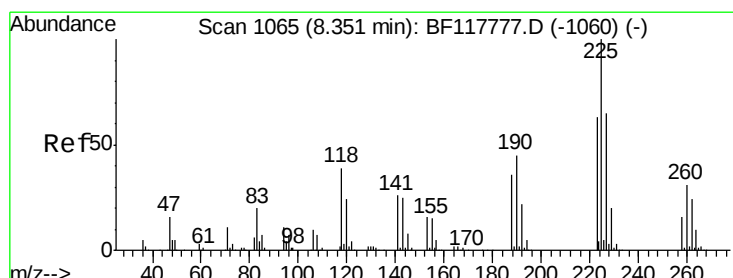
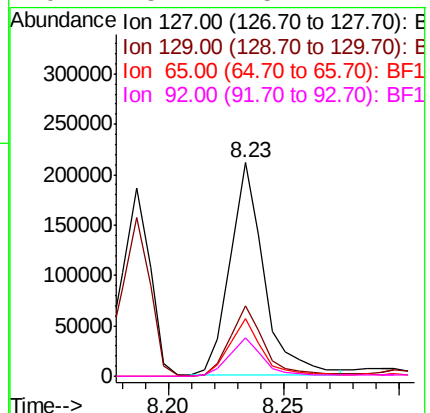
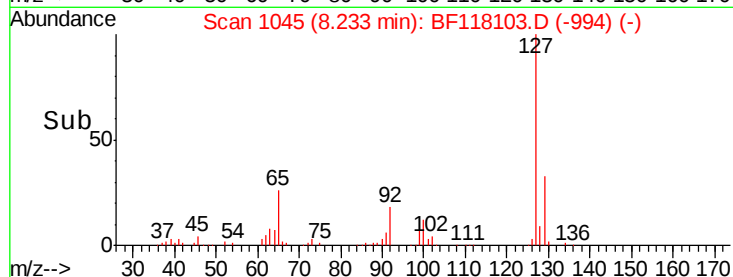
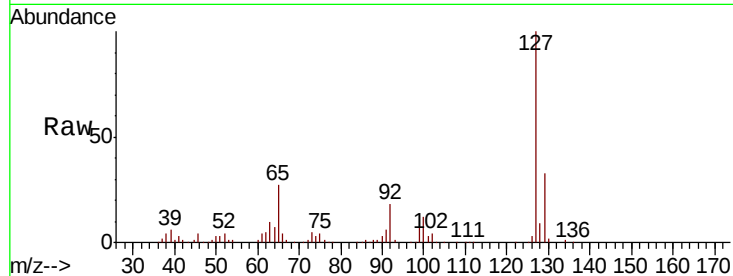
#33
4-Chloroaniline
Concen: 14.839 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.4	38.0		
65	27.0	23.4	35.0		
92	18.1	15.1	22.7		

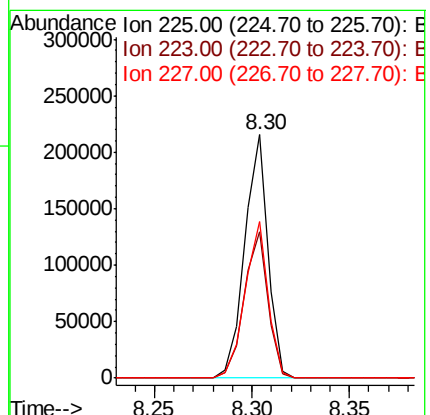
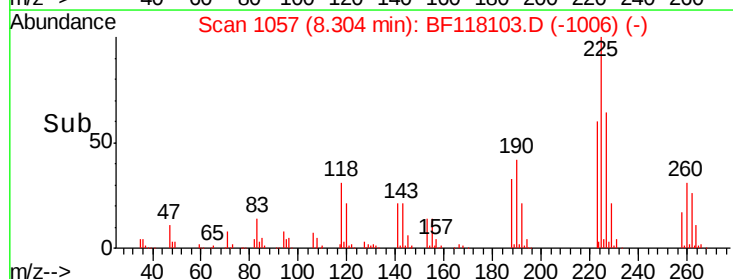
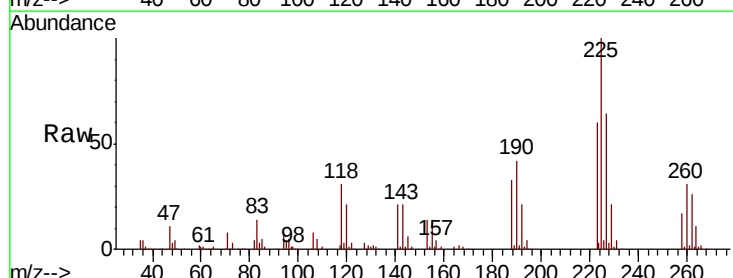
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#34
Hexachlorobutadiene
Concen: 26.266 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.1	51.4	77.2		
227	64.2	52.6	78.8		





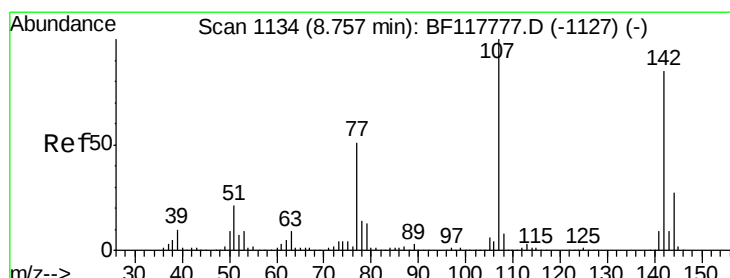
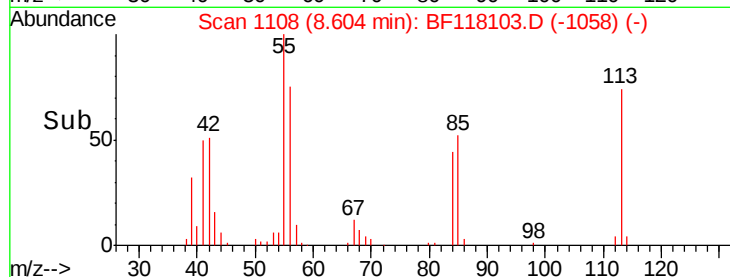
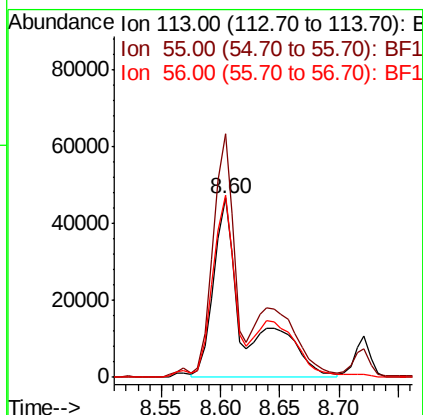
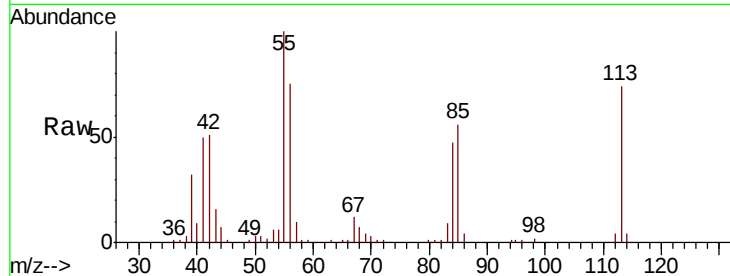
#35
Caprolactam
Concen: 28.260 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	135.7	125.5	165.5		
56	101.8	88.0	128.0		

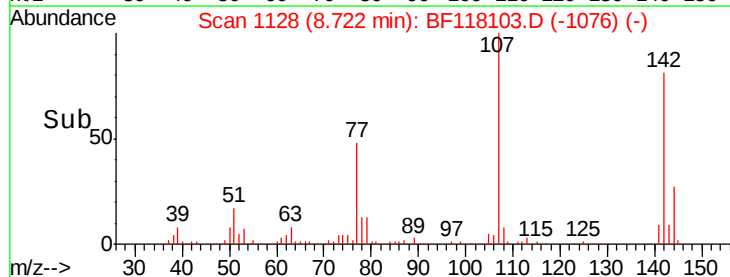
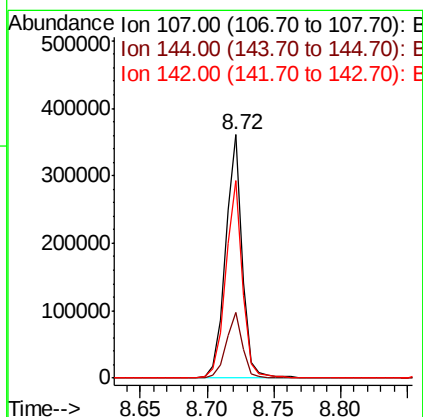
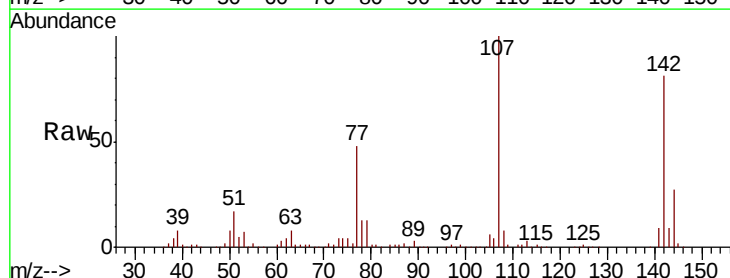
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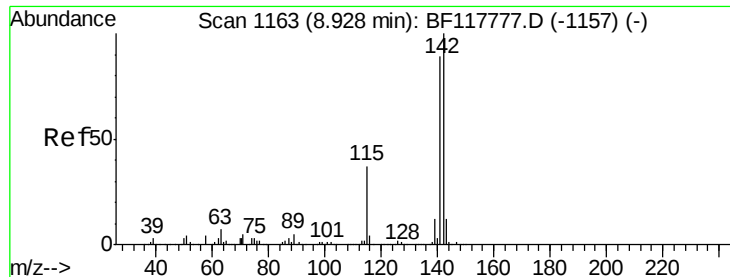
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#36
4-Chloro-3-methylphenol
Concen: 31.502 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.9	20.6	30.8		
142	81.0	62.5	93.7		





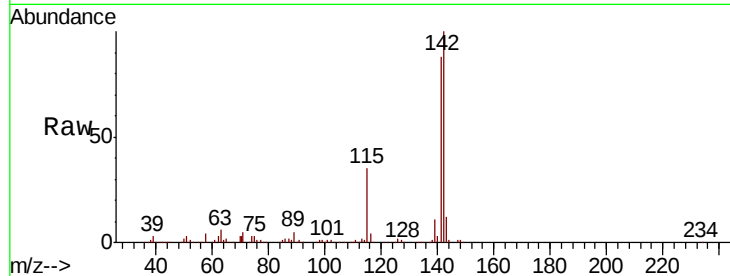
#37
2-Methylnaphthalene
Concen: 31.827 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleID :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.4
115	35.2	29.2	43.8

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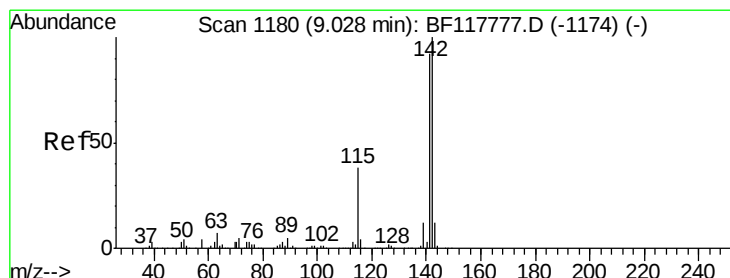
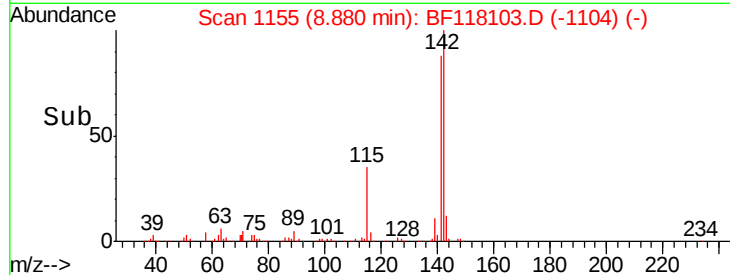
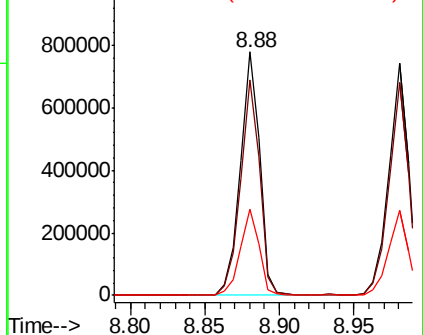


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 31.723 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

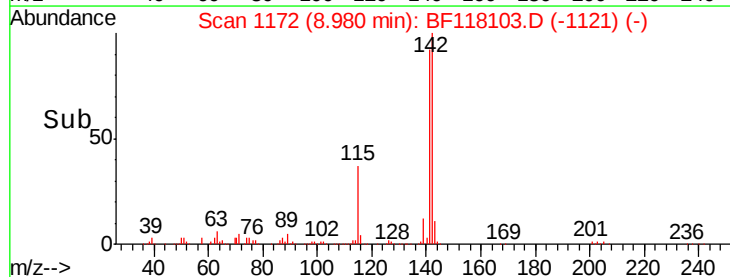
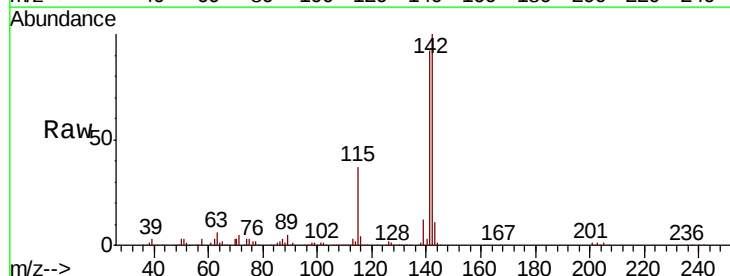
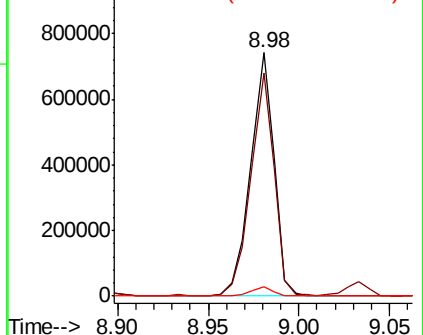
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.6	110.4
116	3.7	3.1	4.7

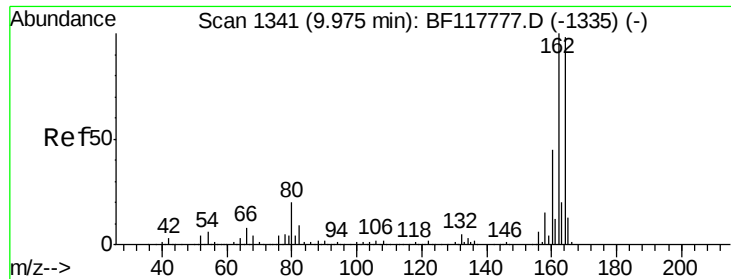
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





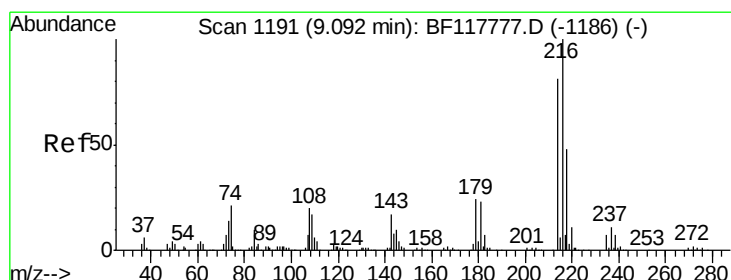
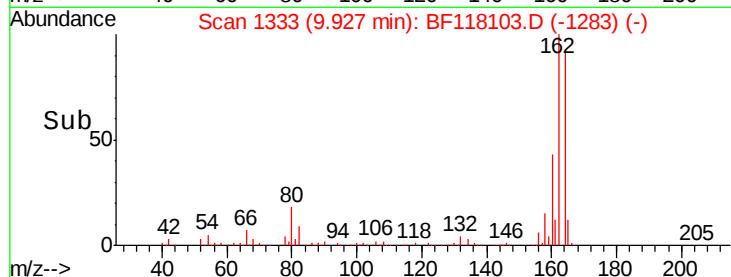
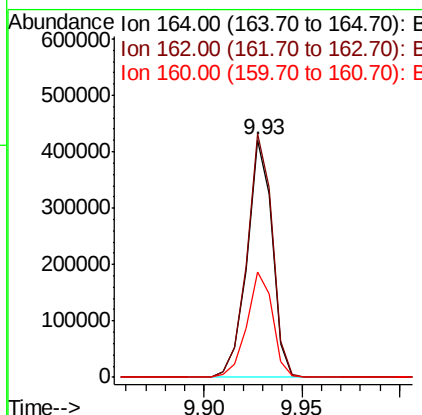
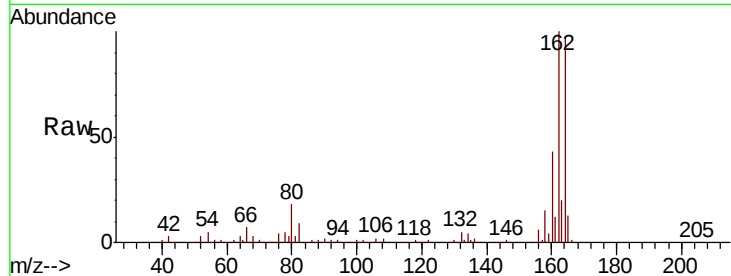
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	81.8	122.8	
160	44.2	35.9	53.9	

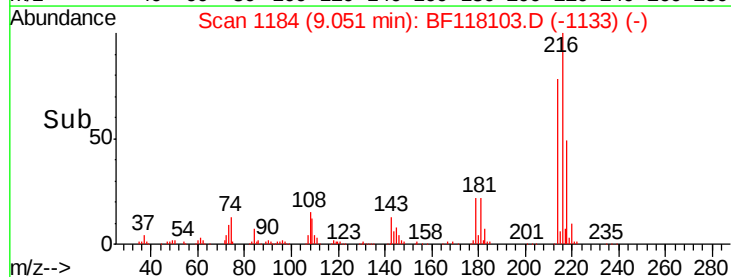
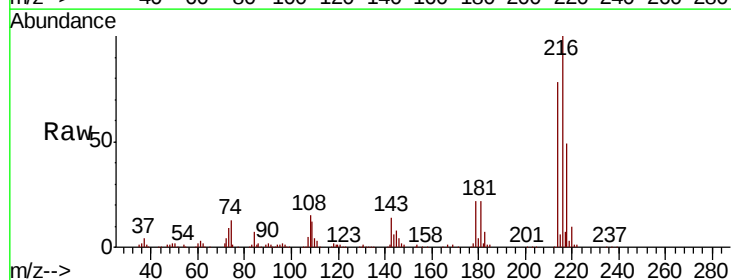
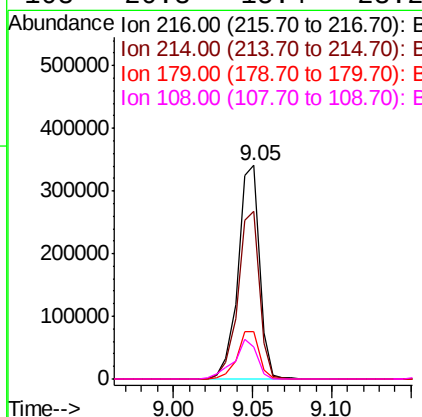
Manual Integrations
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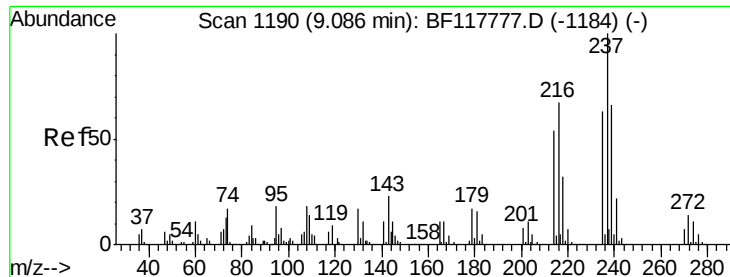
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.360 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.0	94.4	
179	22.7	18.5	27.7	
108	20.3	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 48.110 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

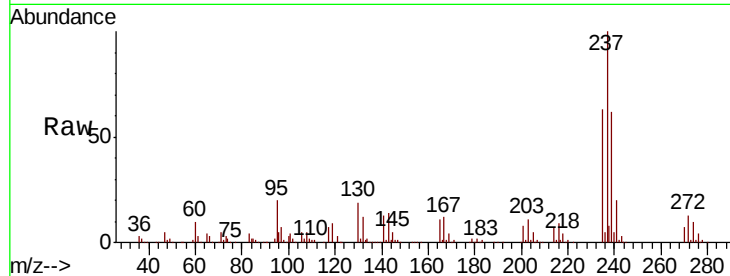
ClientSampleId :

TR-05-112619MS

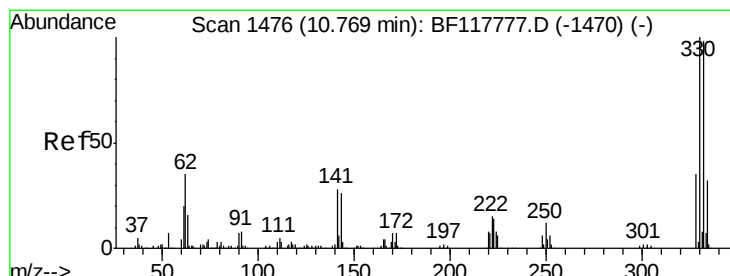
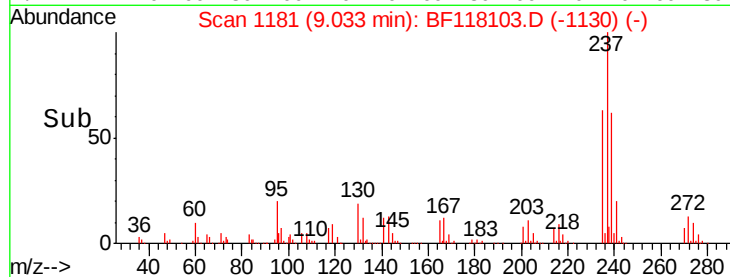
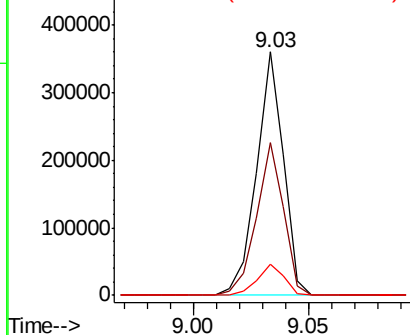
Tot Ion:	237	Resp:	294154
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.7	83.7
272	12.6	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 117.261 ng

RT: 10.73 min Scan# 1469

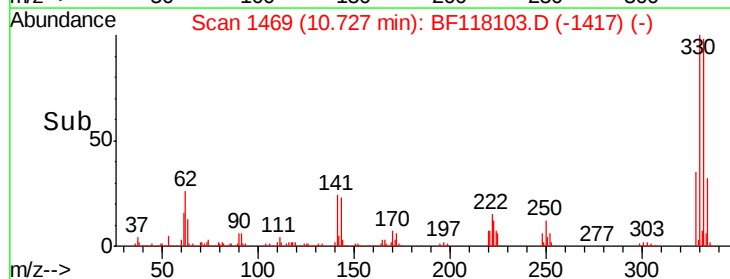
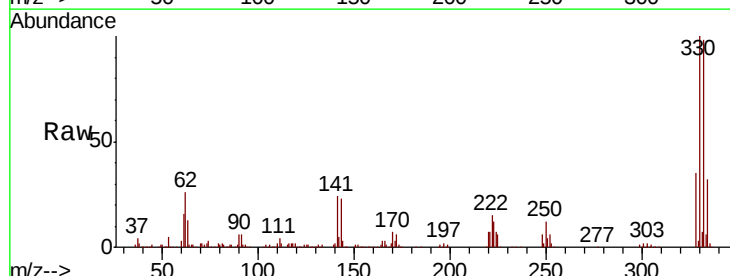
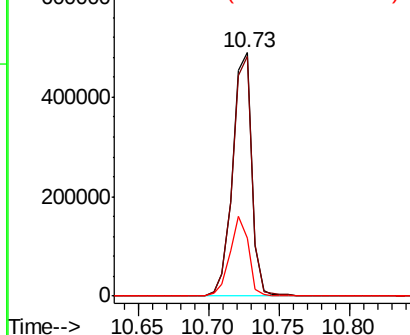
Delta R.T. 0.01 min

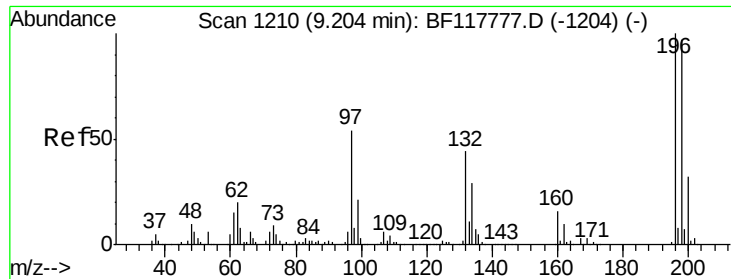
Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	330	Resp:	466392
Ion Ratio	Lower	Upper	
330	100		
332	99.0	78.3	117.5
141	31.7	26.4	39.6

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





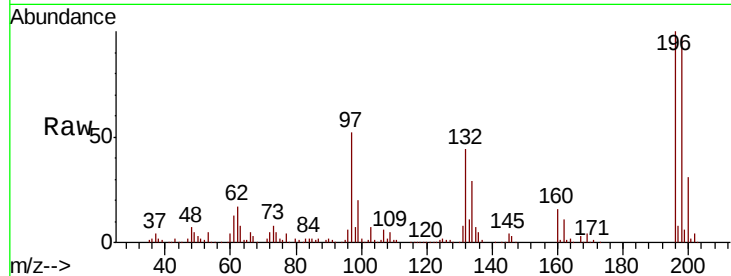
#43
 2,4,6-Trichlorophenol
 Concen: 29.545 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230884		
198	97.1	76.9	115.3	
200	31.1	24.2	36.4	

Manual Integrations
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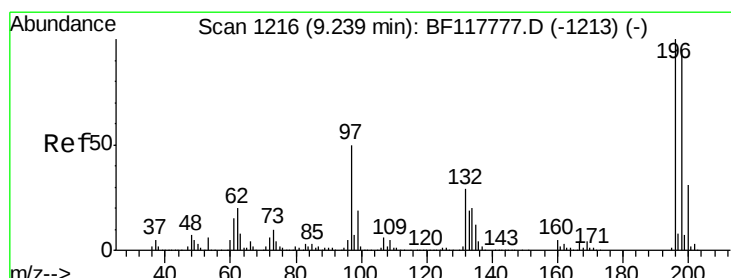
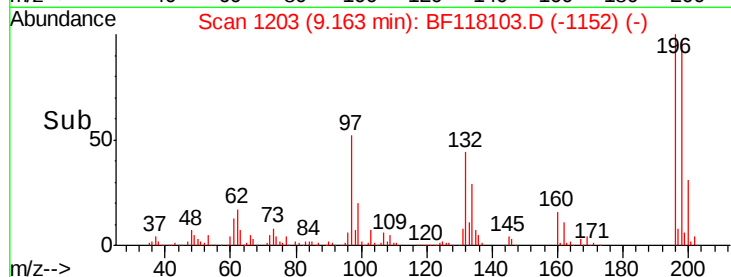
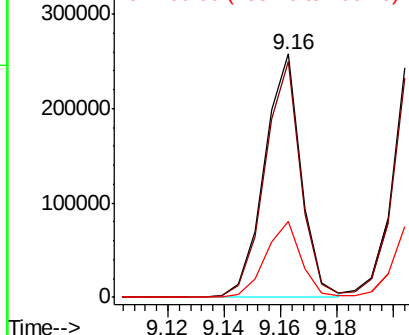


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 31.558 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256058		
198	97.5	78.1	117.1	
97	42.6	37.4	56.2	
132	27.5	22.7	34.1	

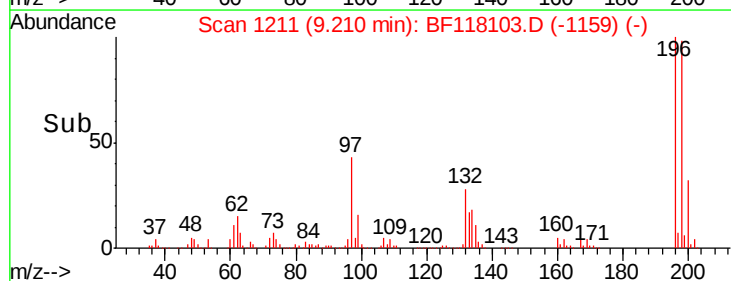
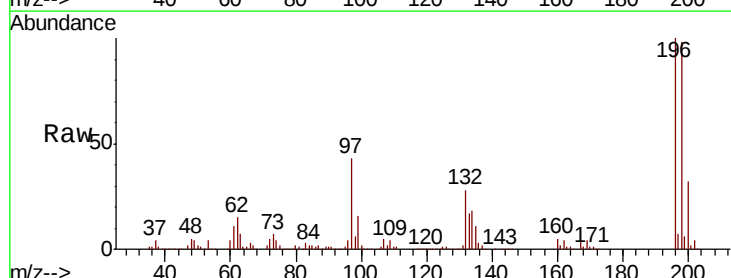
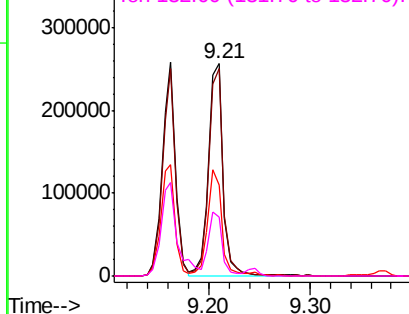
Abundance

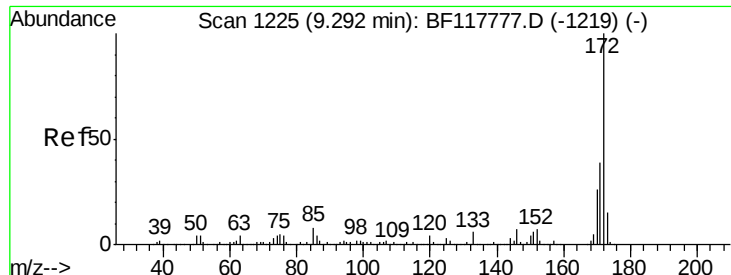
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





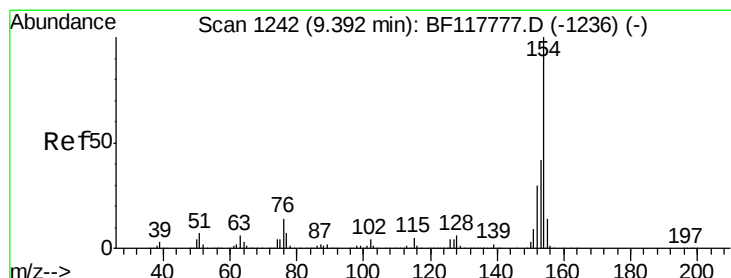
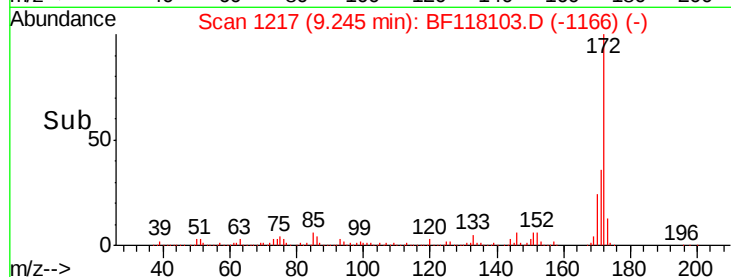
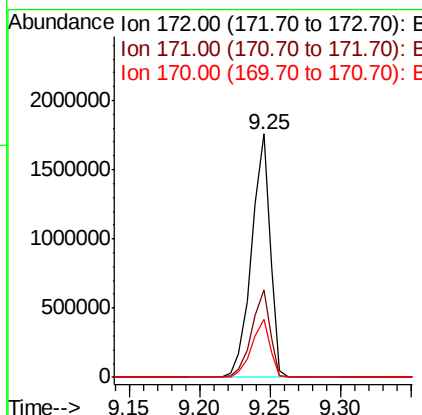
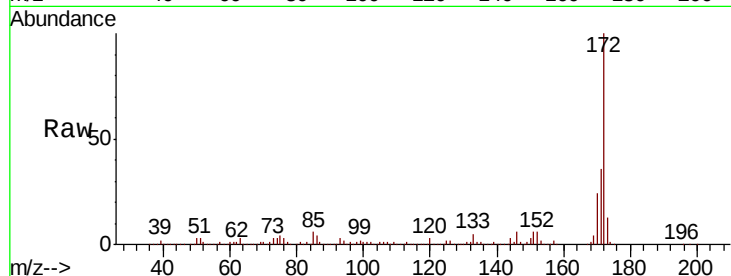
#45
2-Fluorobiphenyl
Concen: 77.911 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.9	19.3	28.9

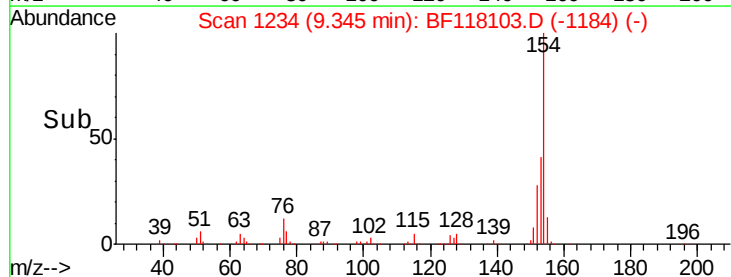
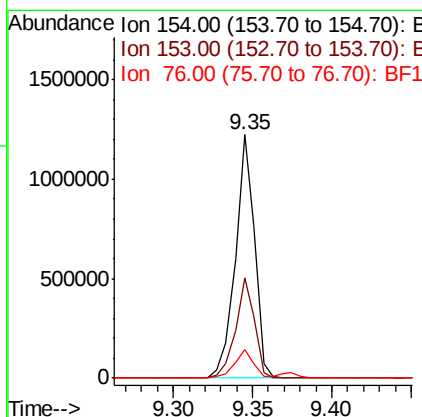
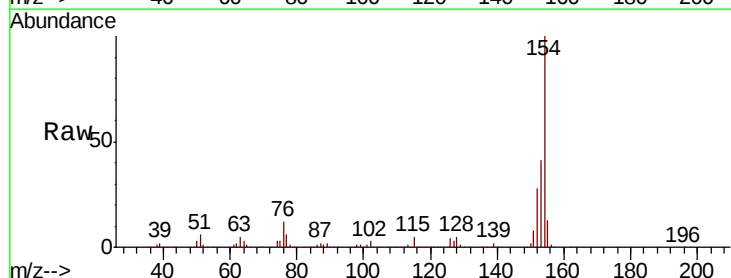
Manual Integrations
APPROVED

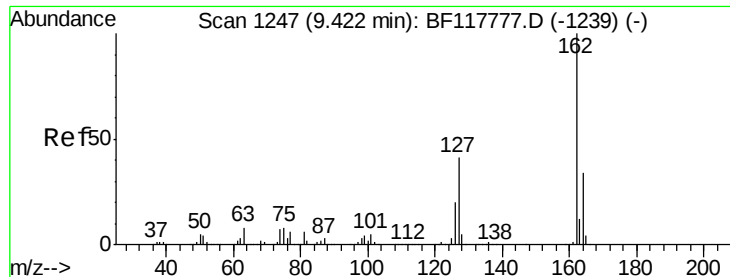
mohammad
12/5/2019 10:50:48 AM



#46
1,1'-Biphenyl
Concen: 36.755 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	12.0	0.0	30.8





#47

2-Chloronaphthalene

Concen: 34.372 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

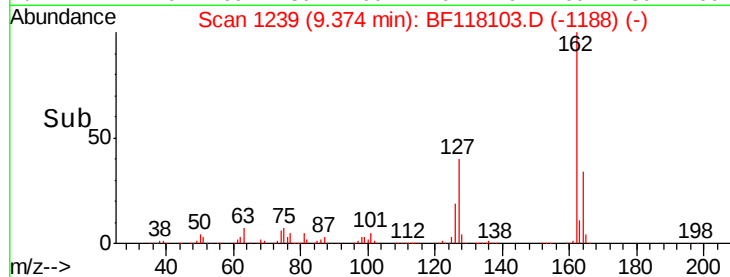
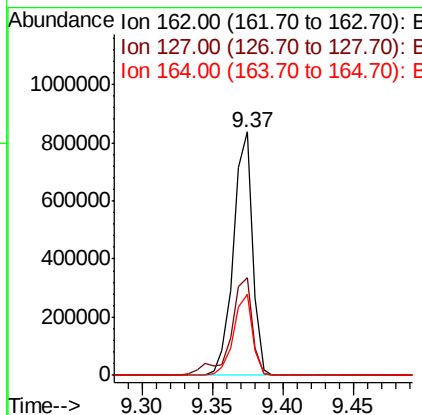
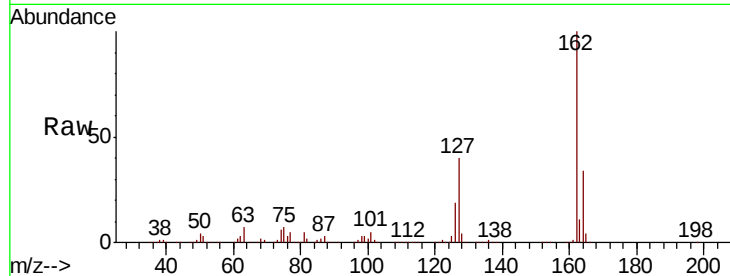
ClientSampleId :

TR-05-112619MS

Tot Ion:	162	Resp:	788136
Ion Ratio	Lower	Upper	
162	100		
127	40.3	34.6	52.0
164	33.5	26.0	39.0

Manual Integrations
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#48

2-Nitroaniline

Concen: 32.595 ng

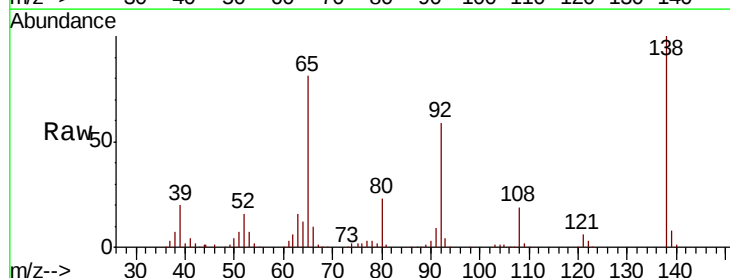
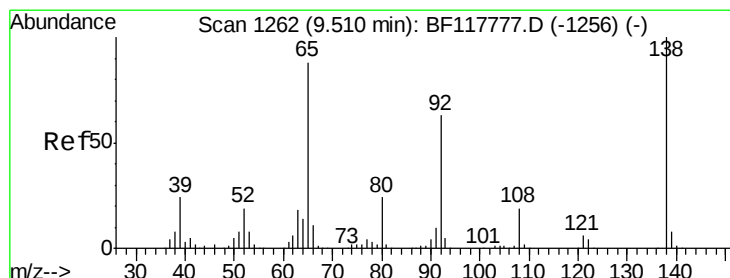
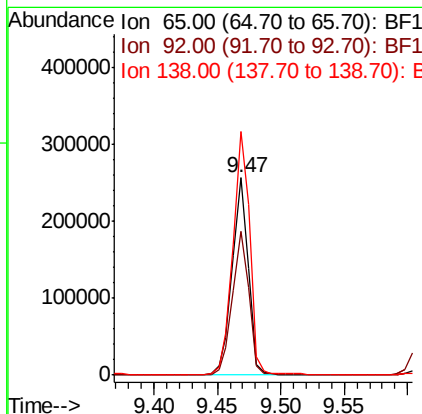
RT: 9.47 min Scan# 1255

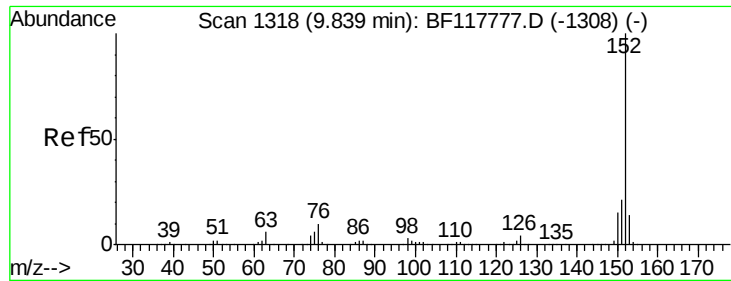
Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	65	Resp:	225640
Ion Ratio	Lower	Upper	
65	100		
92	73.1	57.9	86.9
138	123.5	96.2	144.2





#49

Acenaphthylene

Concen: 37.614 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MS

Tot Ion:152 Resp: 1257457

Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1

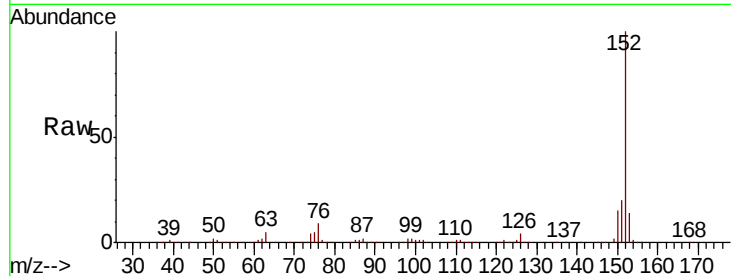
153 13.5 11.1 16.7

Manual Integrations

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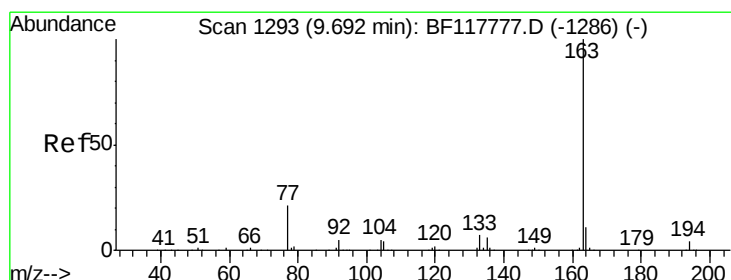
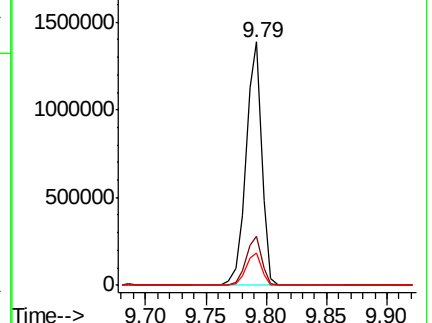
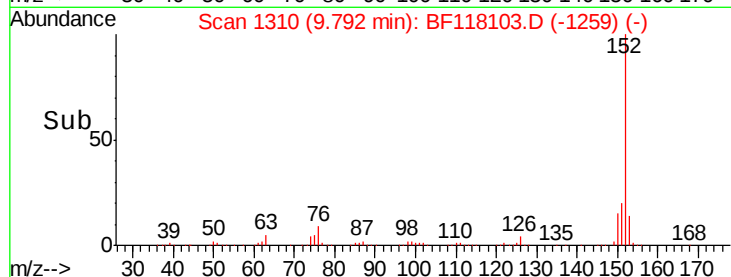
12/5/2019 10:50:48 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.565 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

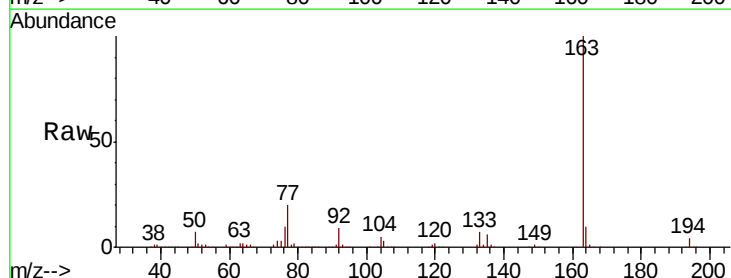
Tgt Ion:163 Resp: 936962

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

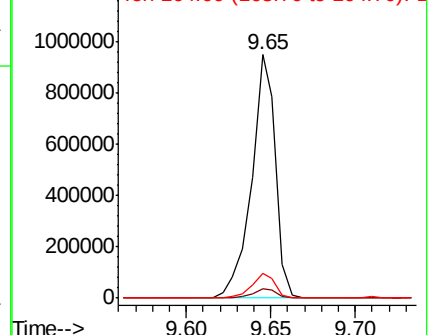
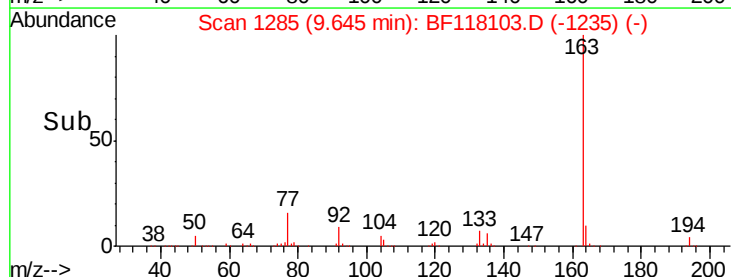
164 10.3 7.9 11.9

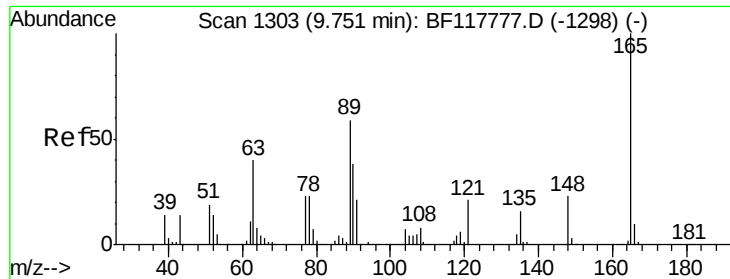


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





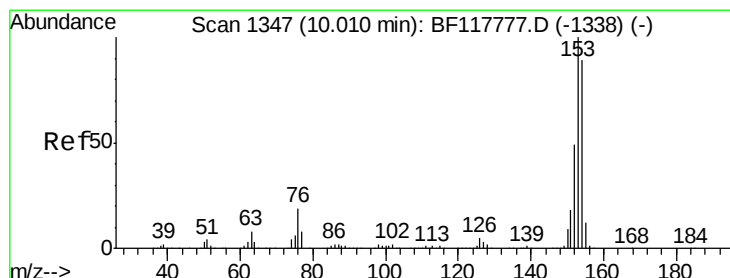
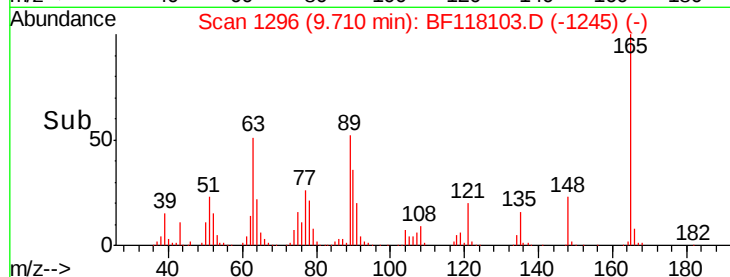
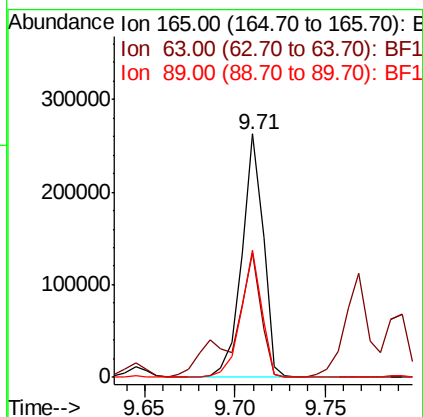
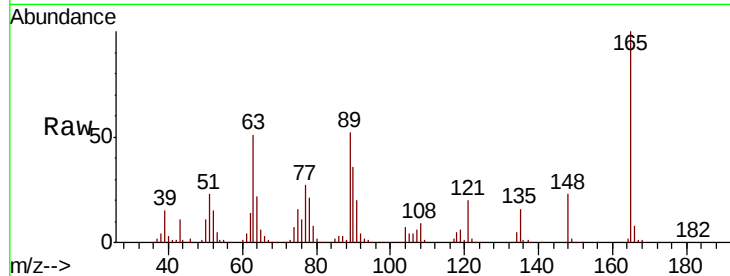
#51
2,6-Dinitrotoluene
Concen: 37.471 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		215752		
63	50.9	43.9	65.9		
89	52.1	45.5	68.3		

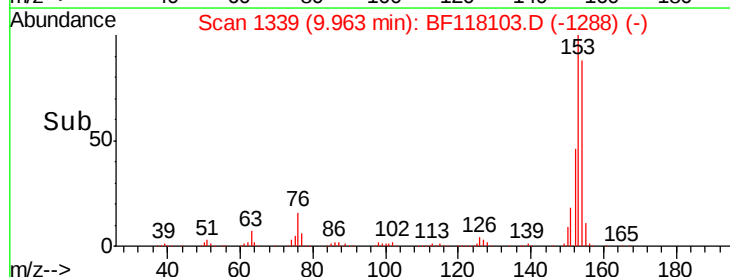
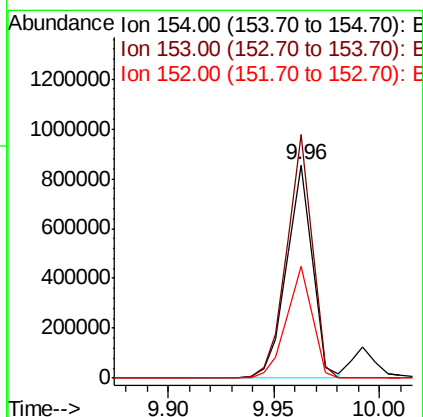
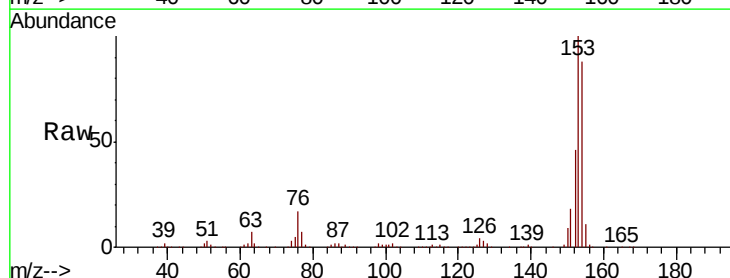
Manual Integrations
APPROVED

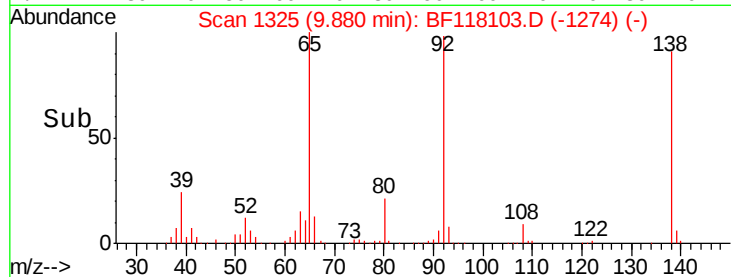
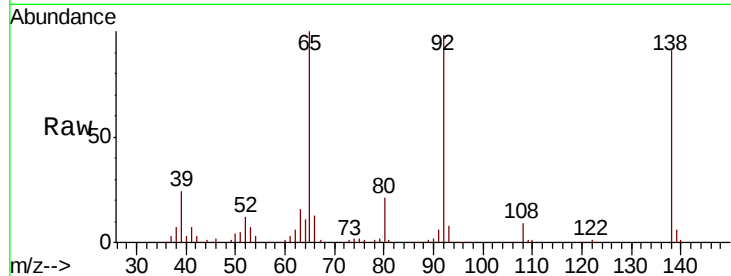
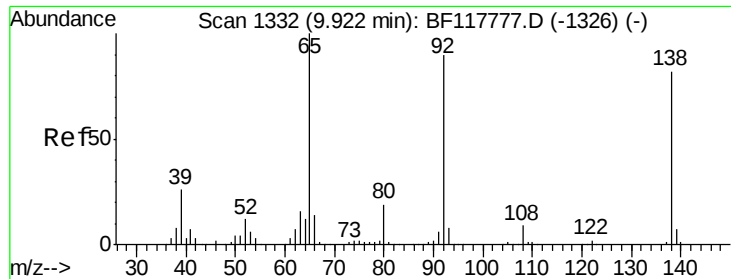
mohammad
12/5/2019 10:50:48 AM



#52
Acenaphthene
Concen: 34.435 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		737439		
153	114.1	91.2	136.8		
152	52.5	43.6	65.4		





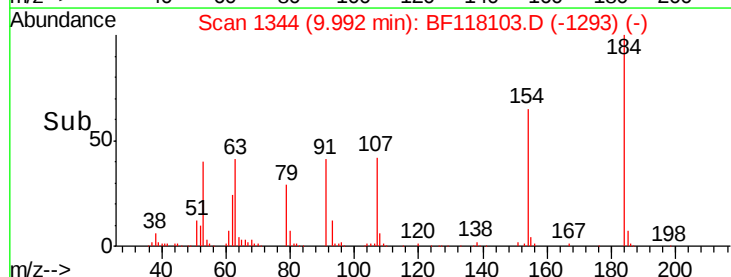
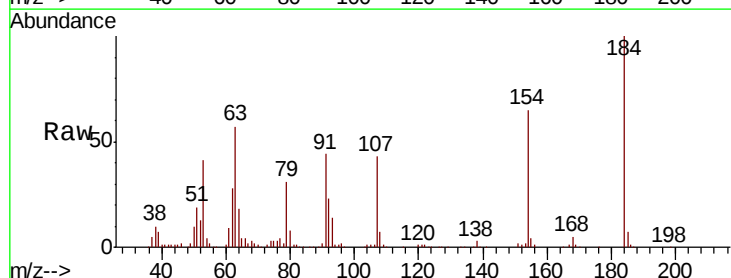
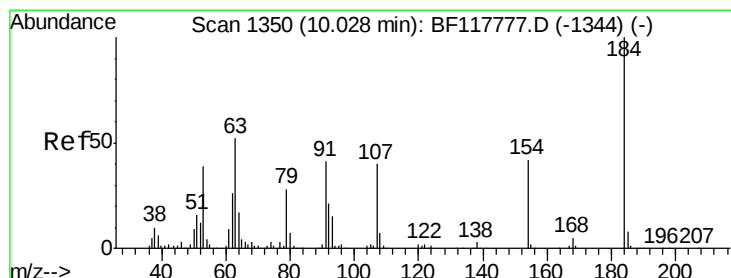
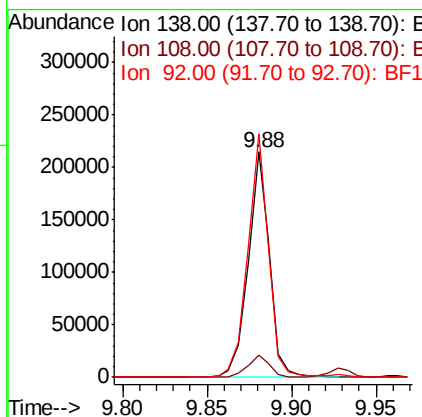
#53
3-Nitroaniline
Concen: 27.479 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.7	13.1
92	107.9	87.4	131.0

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

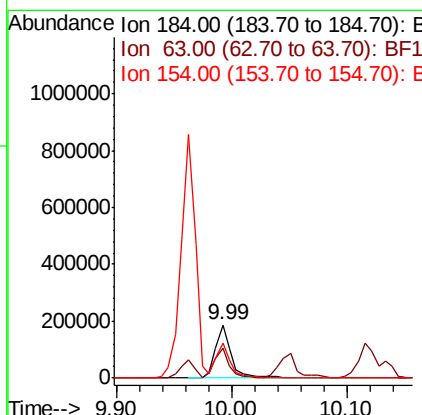
Manual Integrations
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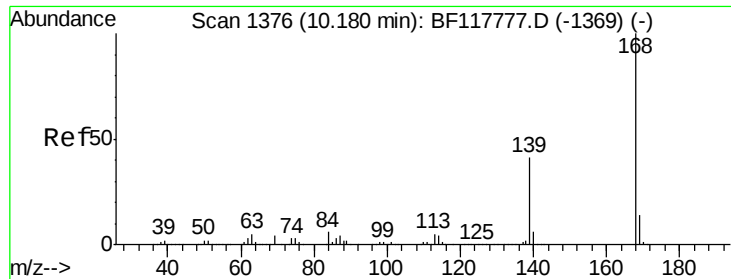
mohammad
12/5/2019 10:50:48 AM



#54
2,4-Dinitrophenol
Concen: 61.949 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	45.3	67.9
154	65.5	51.6	77.4





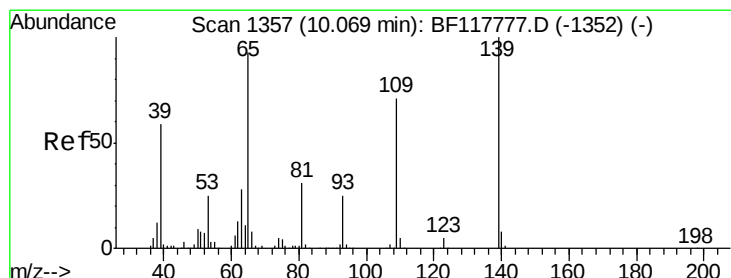
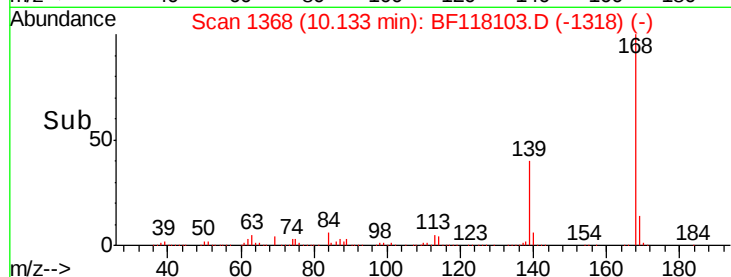
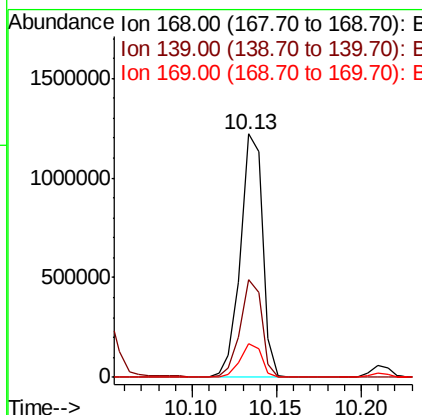
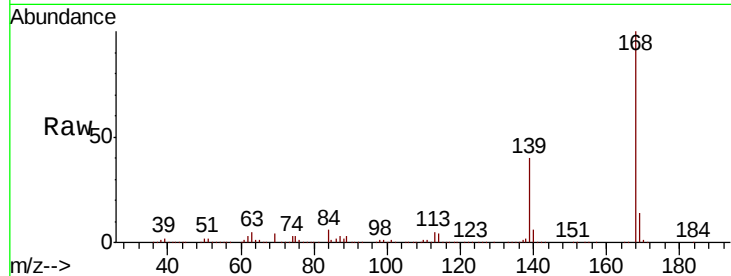
#55
Dibenzofuran
Concen: 37.763 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.5	48.7
169	13.8	10.8	16.2

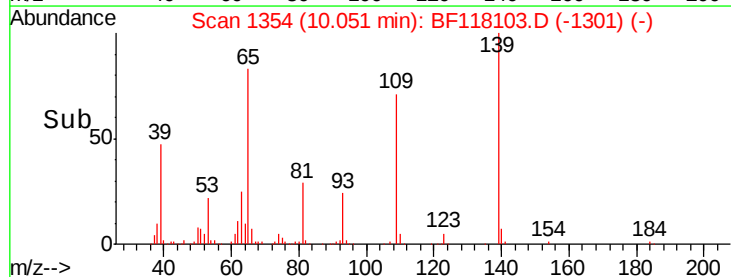
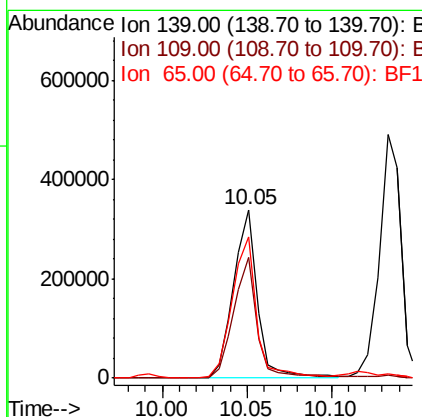
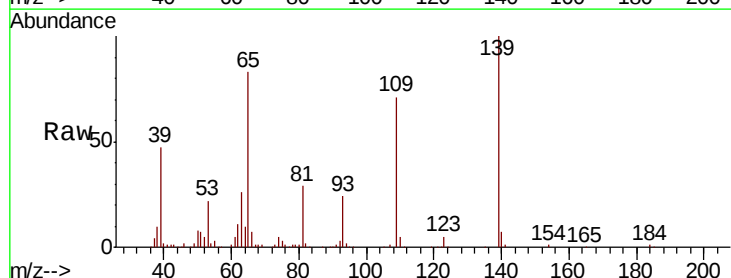
Manual Integrations
APPROVED

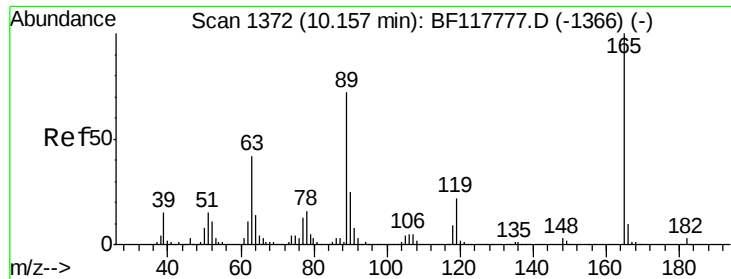
mohammad
12/5/2019 10:50:48 AM



#56
4-Nitrophenol
Concen: 65.177 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	55.2	95.2
65	83.5	68.7	108.7





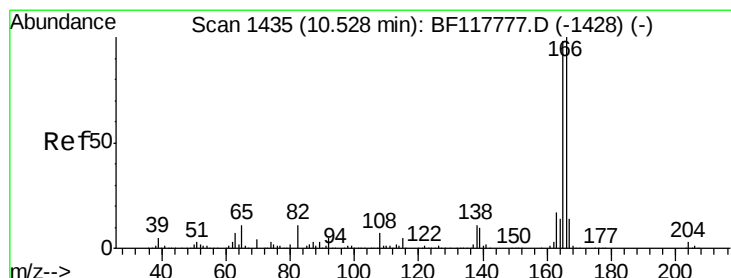
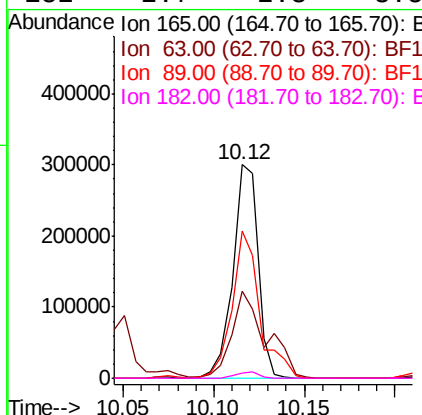
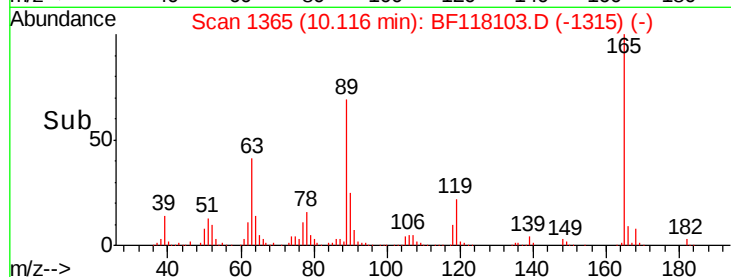
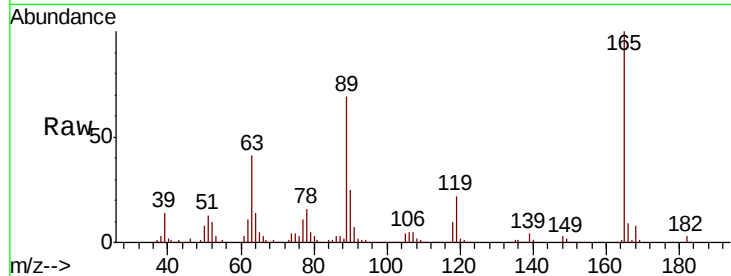
#57
2,4-Dinitrotoluene
Concen: 39.708 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	290833		
63	40.7	26.5	39.7#	
89	69.0	47.2	70.8	
182	2.7	2.3	3.5	

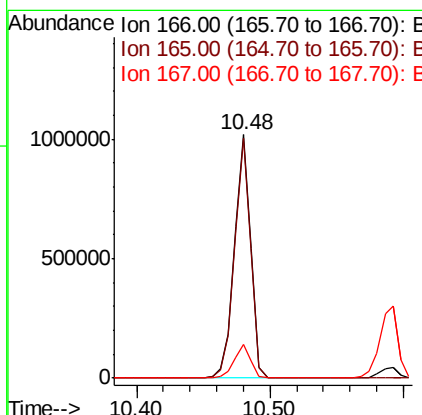
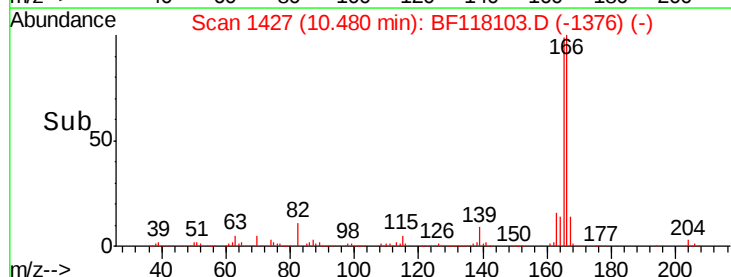
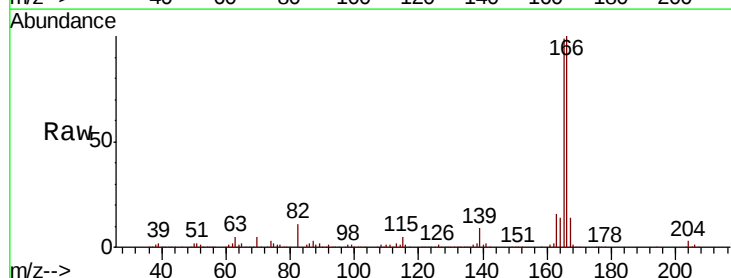
Manual Integrations
APPROVED

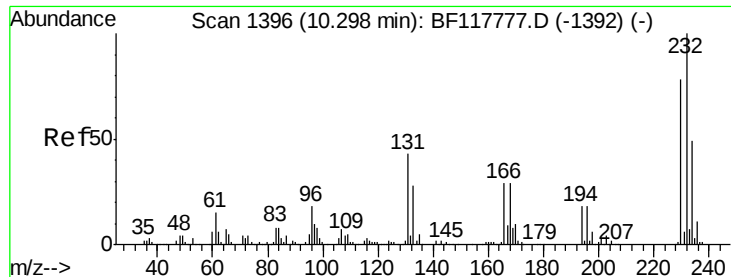
mohammad
12/5/2019 10:50:48 AM



#58
Fluorene
Concen: 38.124 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	876096		
165	98.6	77.4	116.2	
167	13.8	10.7	16.1	





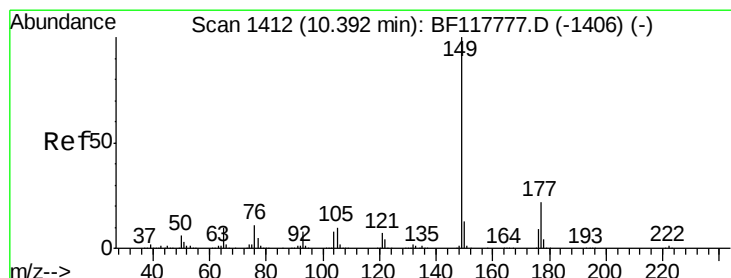
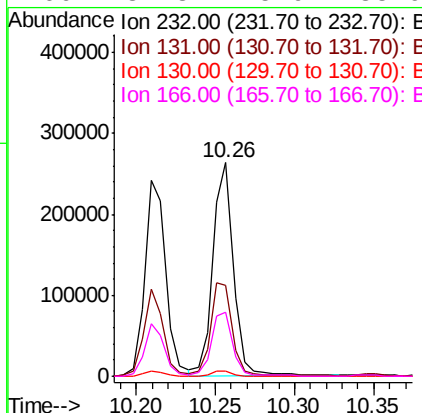
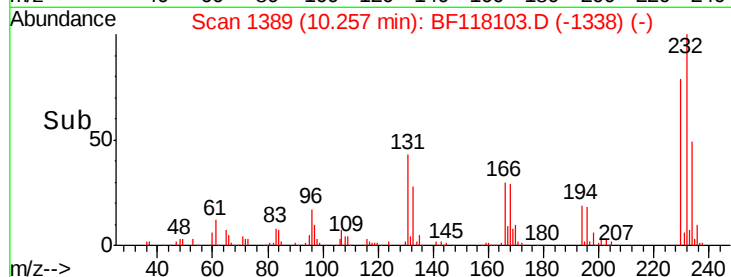
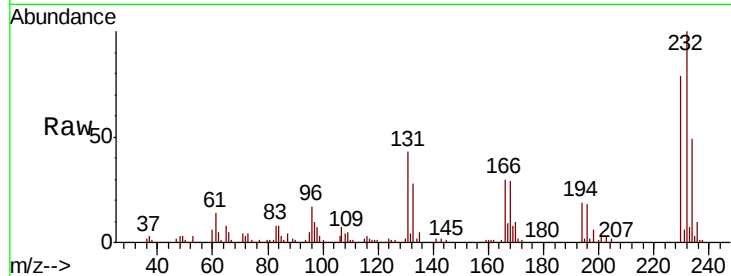
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.666 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		237775		
131	46.4	38.8	58.2		
130	2.2	1.9	2.9		
166	31.3	25.9	38.9		

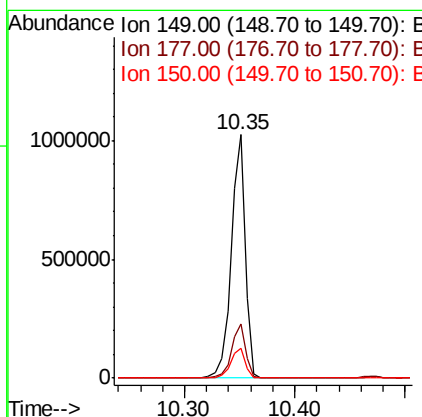
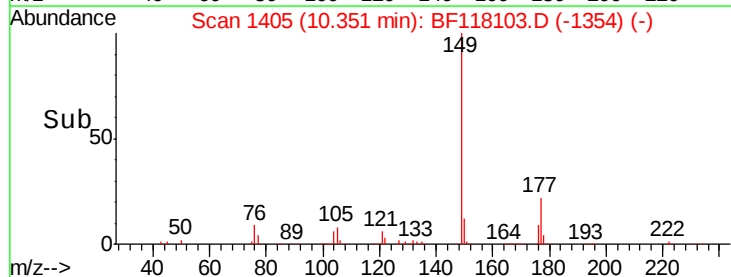
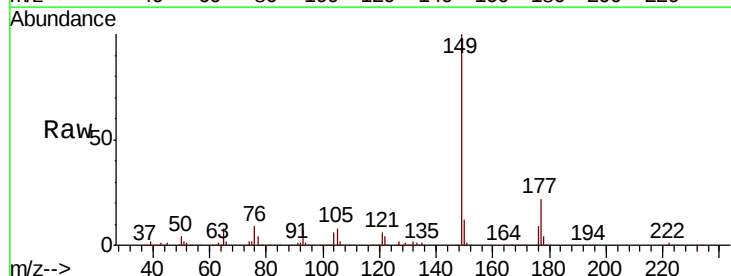
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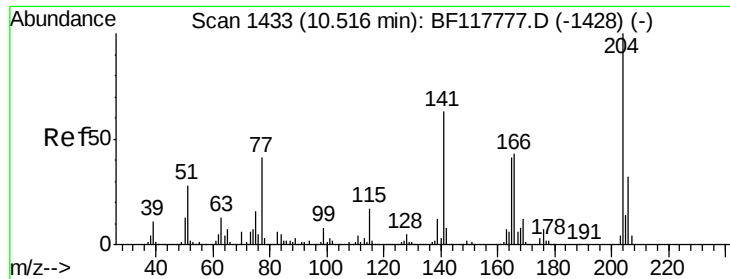
mohammad
 12/5/2019 10:50:48 AM



#60
 Diethylphthalate
 Concen: 35.532 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		912625		
177	22.2	17.6	26.4		
150	12.4	9.8	14.8		





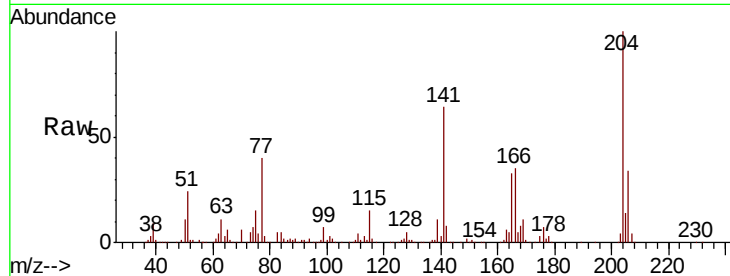
#61
4-Chlorophenyl-phenylether
Concen: 36.031 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.0	39.0
141	64.1	55.1	82.7

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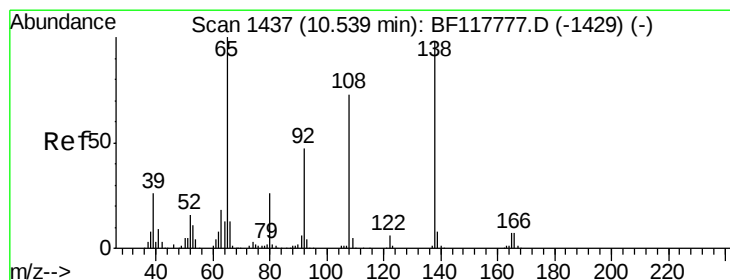
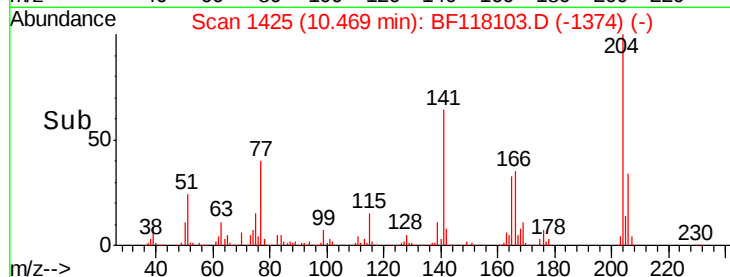
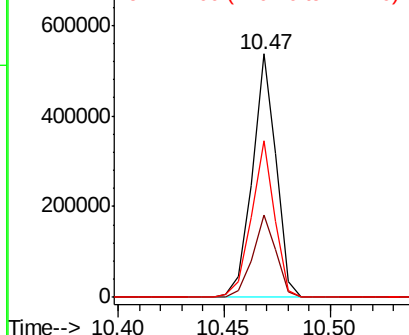


Abundance

Ion 204.00 (203.70 to 204.70): E

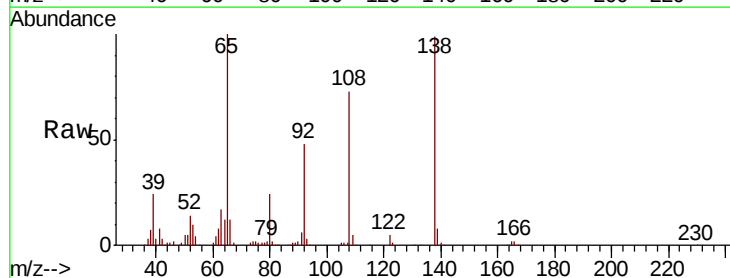
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.856 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	27.5	67.5
108	73.4	57.9	97.9

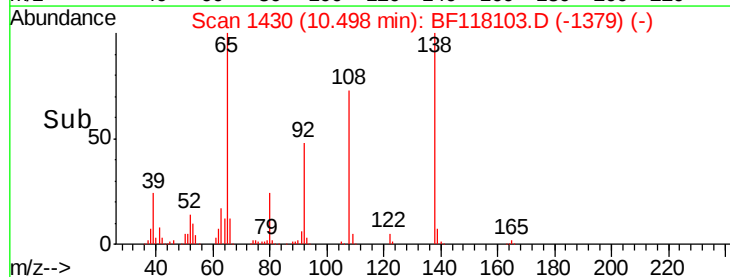
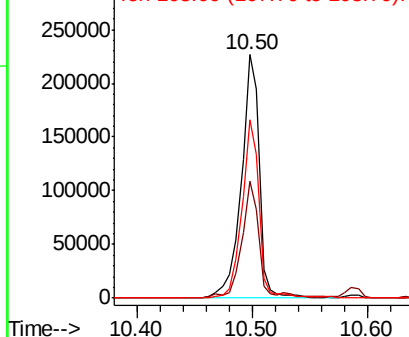


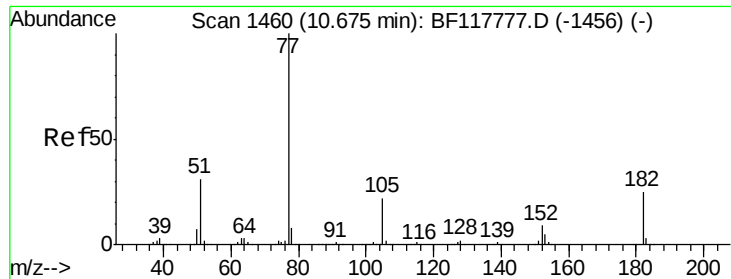
Abundance

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





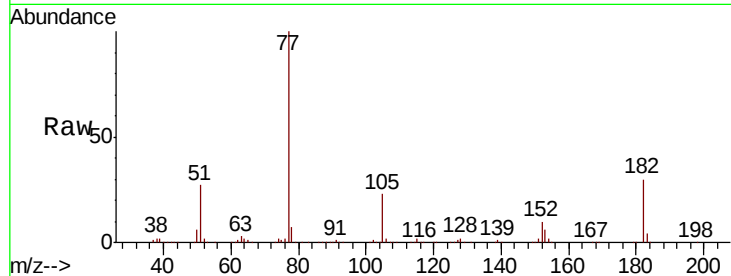
#63
Azobenzene
Concen: 34.496 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.3	8.2	48.2	
105	23.4	2.1	42.1	
51	26.7	8.7	48.7	

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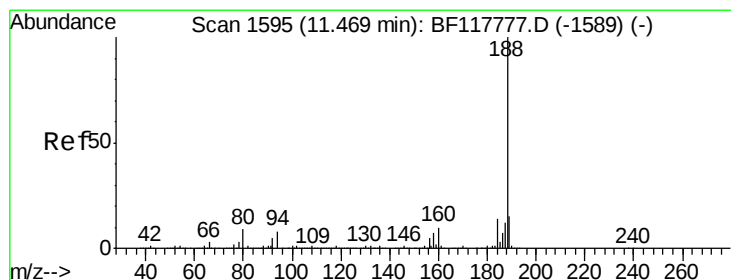
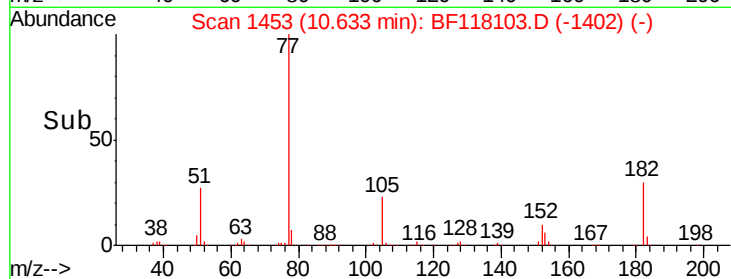
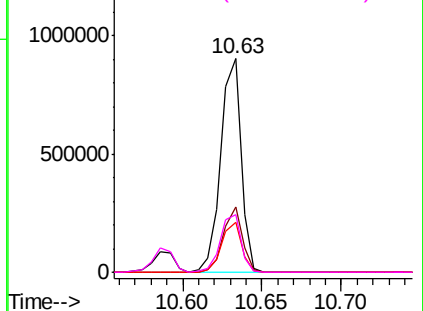


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



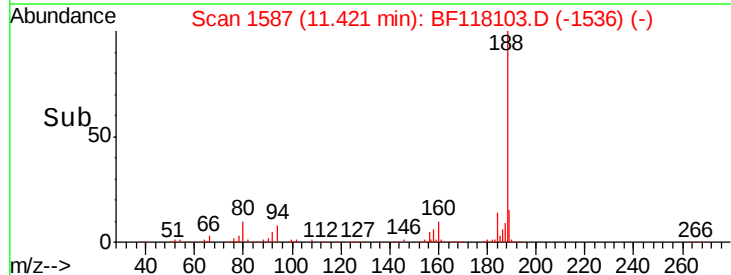
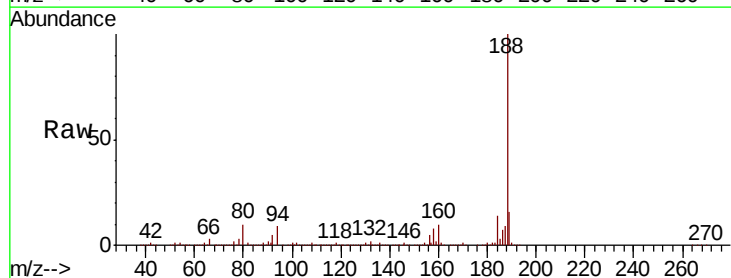
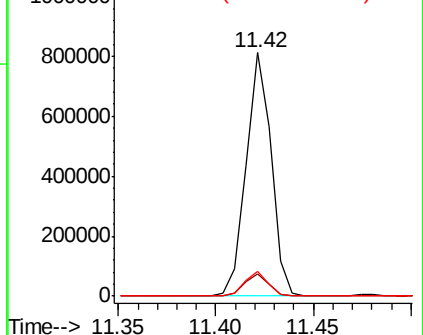
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.0	10.6	
80	9.9	7.2	10.8	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.876 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

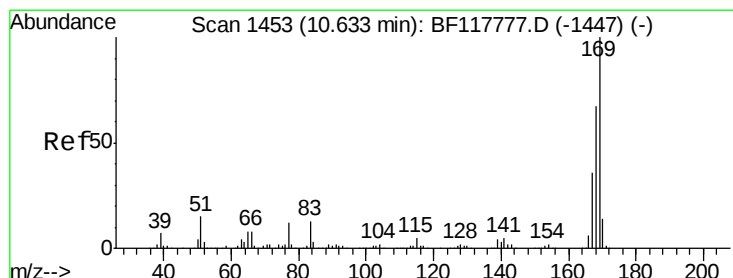
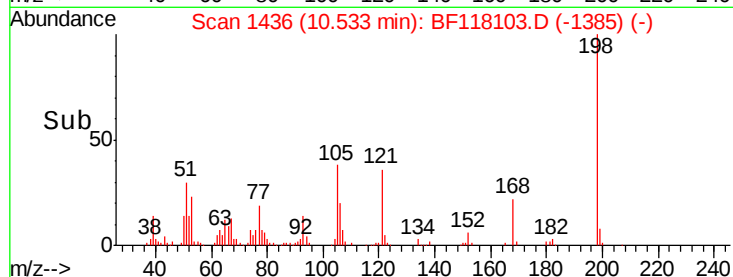
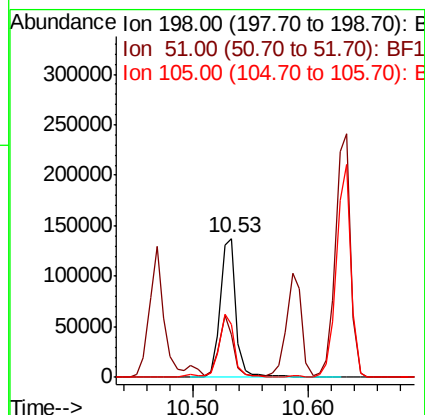
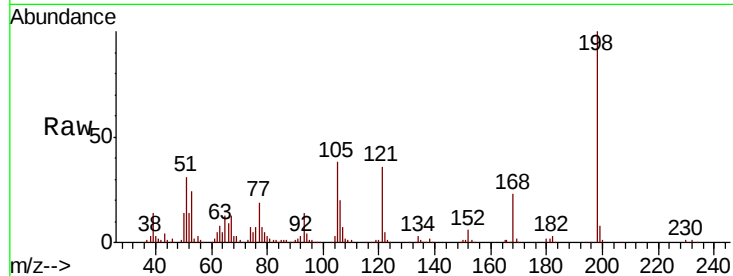
ClientSampleId :

TR-05-112619MS

Tot Ion:	198	Resp:	131186
Ion Ratio	Lower	Upper	
198	100		
51	30.6	12.6	52.6
105	38.0	17.0	57.0

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#66

n-Nitrosodiphenylamine

Concen: 37.051 ng

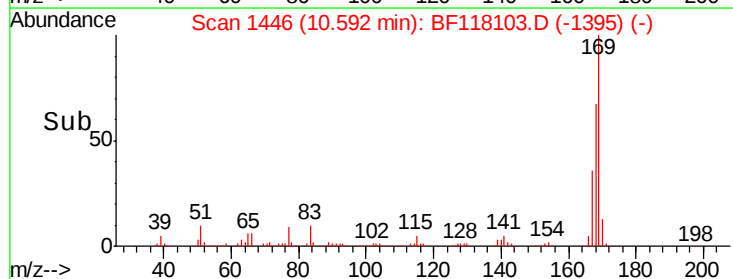
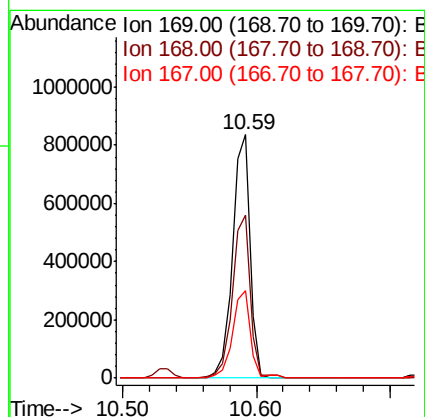
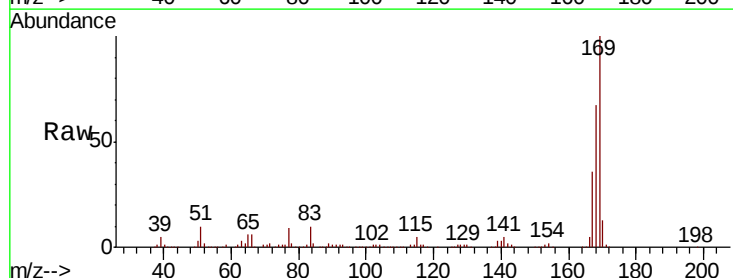
RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	169	Resp:	779433
Ion Ratio	Lower	Upper	
169	100		
168	66.9	52.5	78.7
167	36.1	28.4	42.6





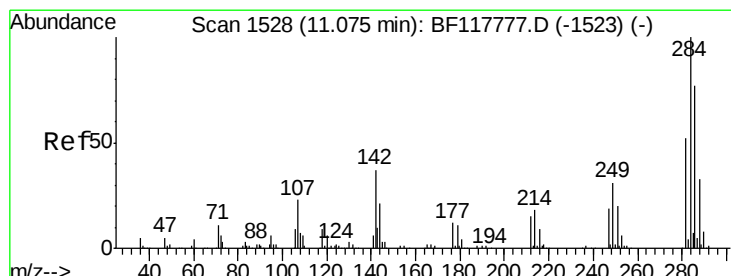
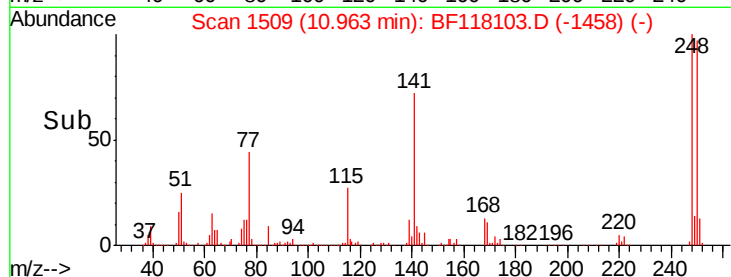
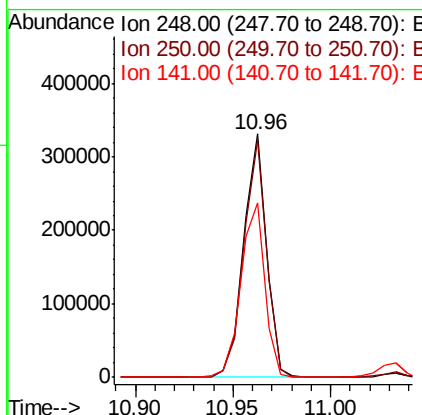
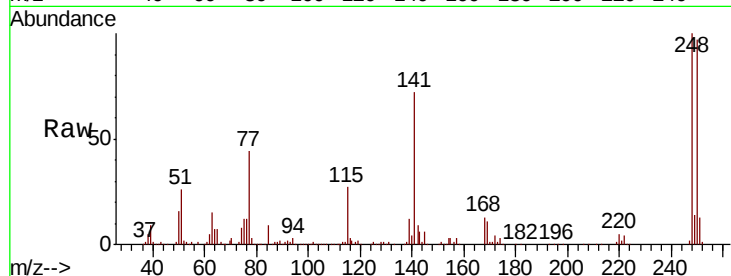
#67
4-Bromophenyl-phenylether
Concen: 34.686 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.0	117.0
141	71.7	64.0	96.0

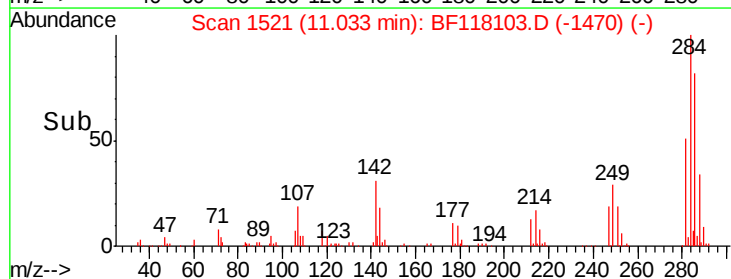
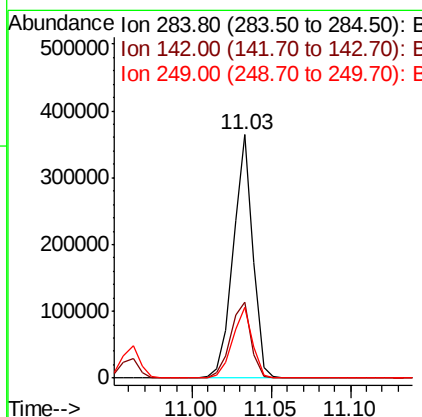
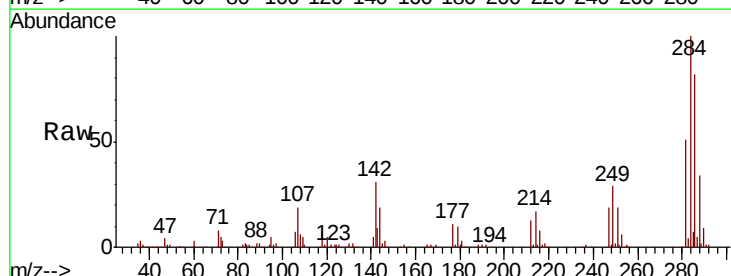
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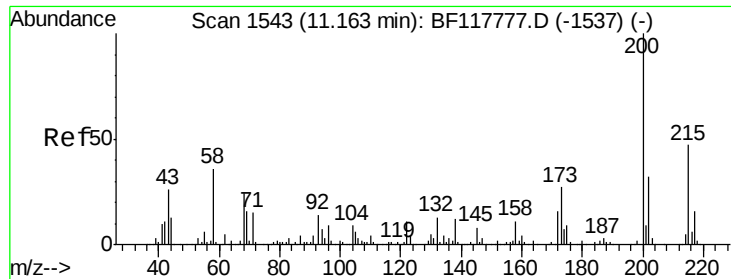
mohammad
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#68
Hexachlorobenzene
Concen: 34.368 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	27.3	40.9
249	29.3	24.8	37.2





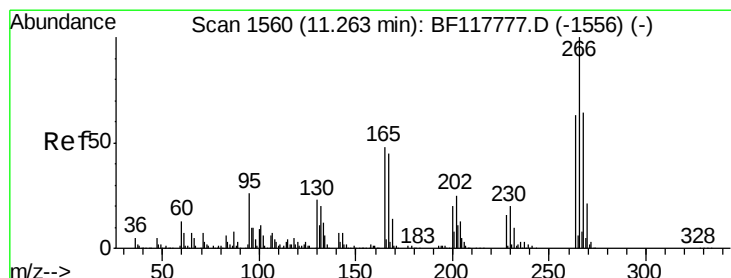
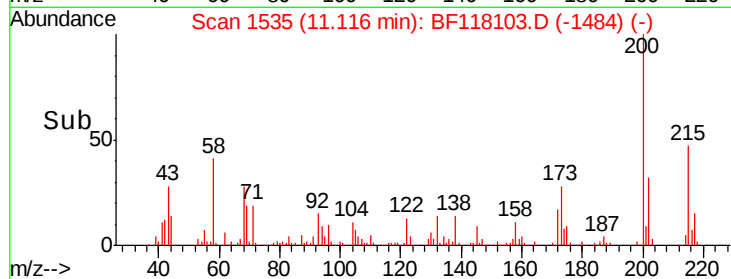
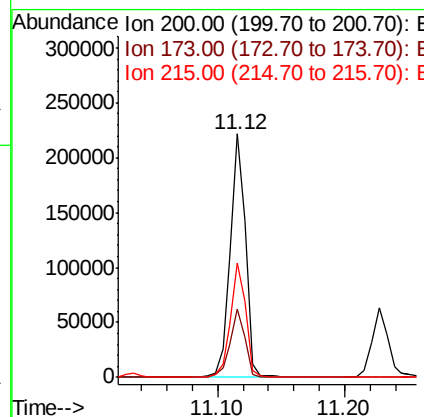
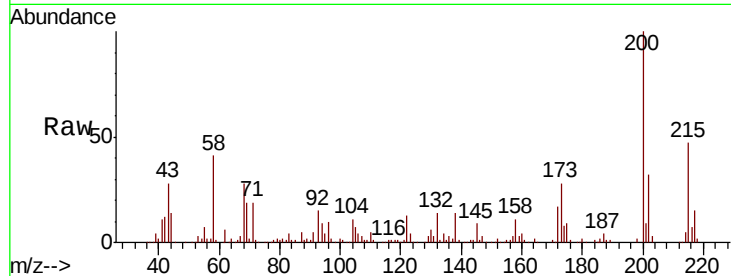
#69
Atrazine
Concen: 26.579 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	7.9	47.9
215	47.1	27.0	67.0

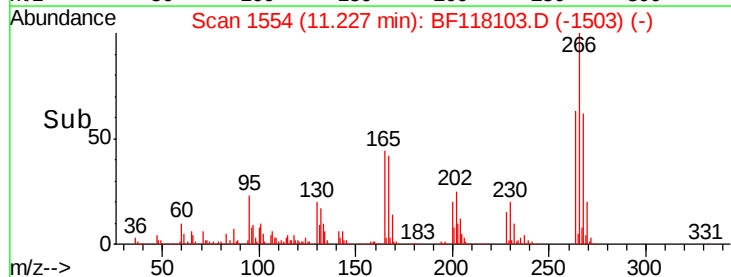
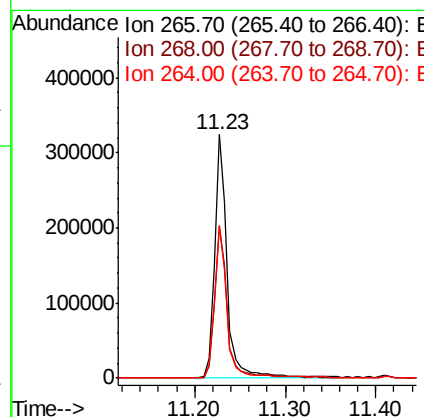
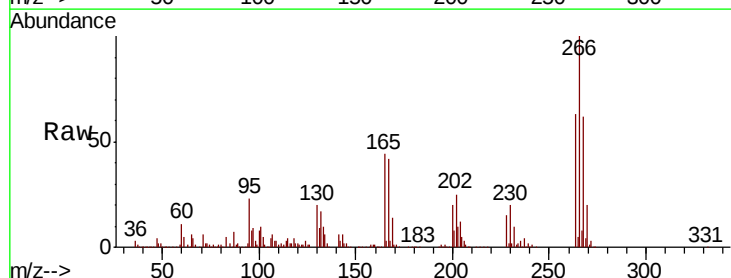
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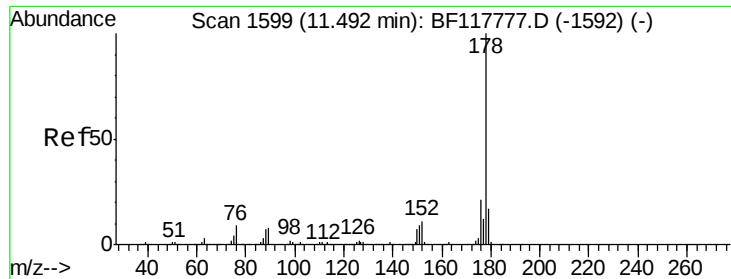
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#70
Pentachlorophenol
Concen: 60.185 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.3	75.5
264	62.9	50.3	75.5





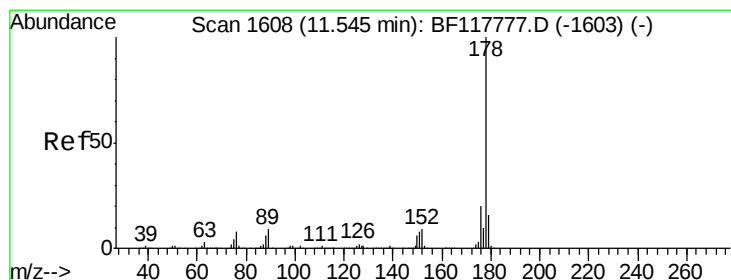
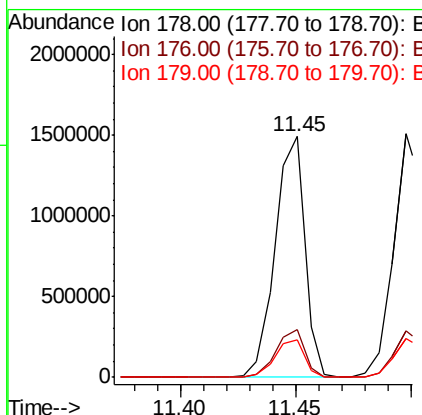
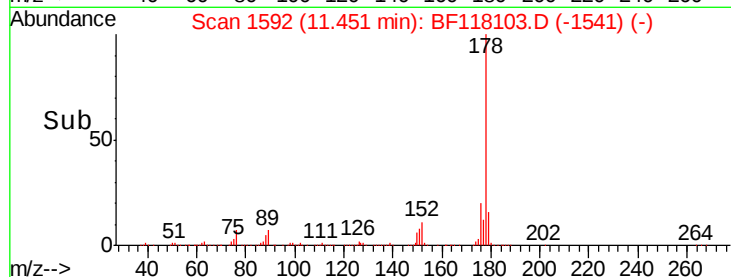
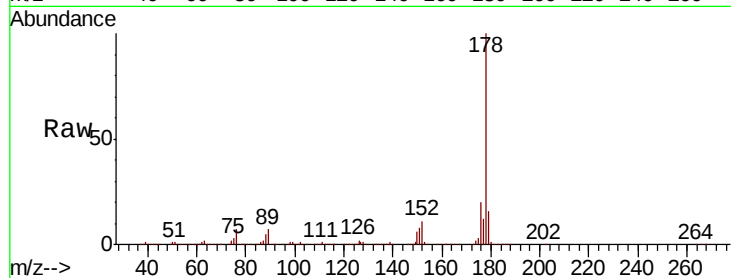
#71
Phenanthrene
Concen: 36.588 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion:178 Resp: 1329683
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.6 12.3 18.5

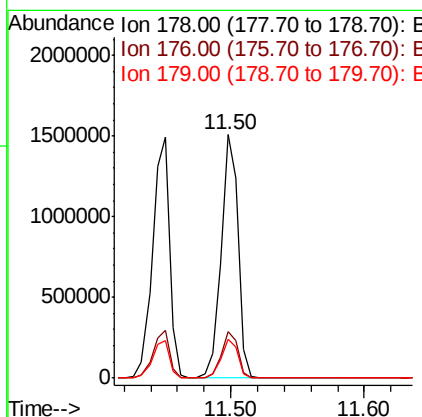
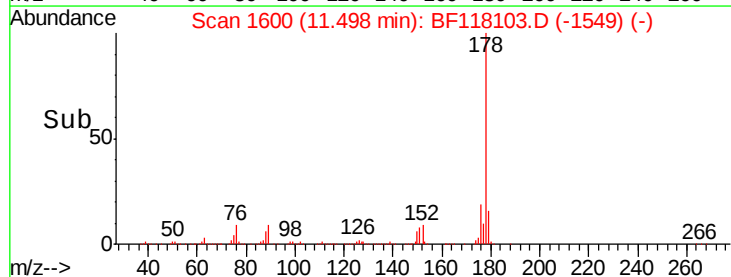
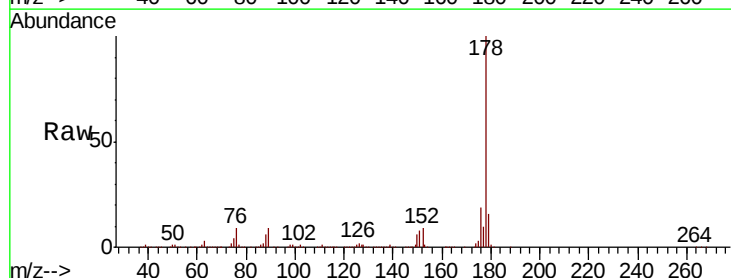
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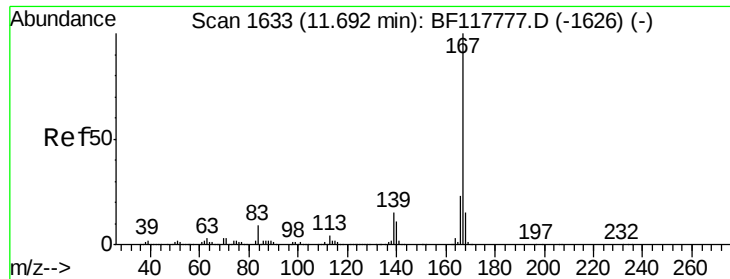
mohammad
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#72
Anthracene
Concen: 37.629 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion:178 Resp: 1355837
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.9 12.8 19.2





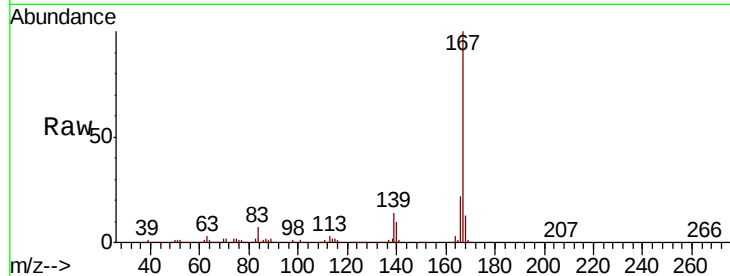
#73
 Carbazole
 Concen: 34.410 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.7	11.5	17.3

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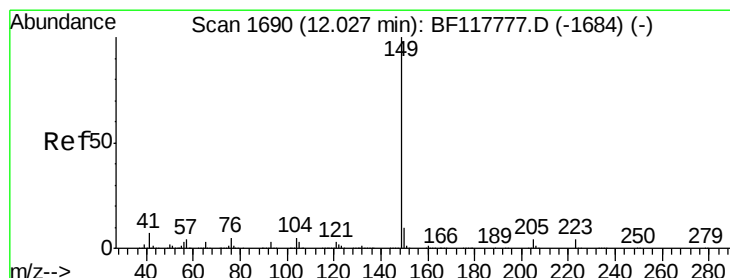
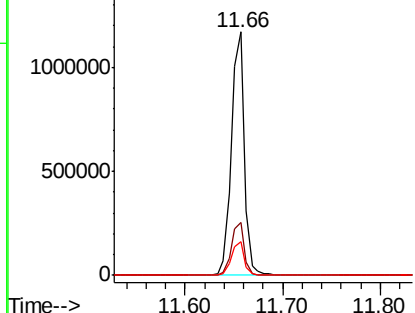
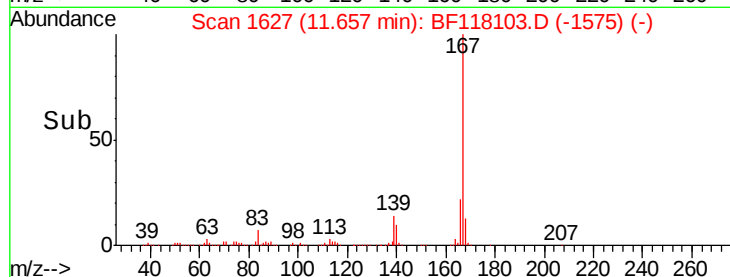


Abundance

Ion 167.00 (166.70 to 167.70): E

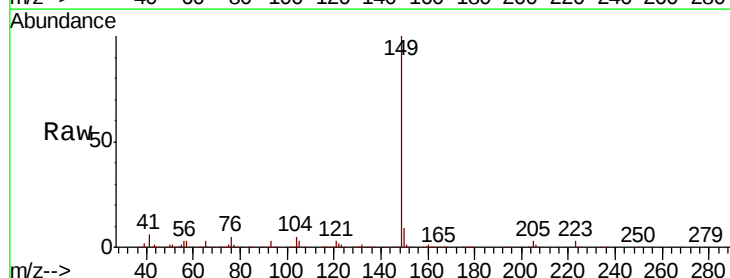
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 35.841 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.9	4.2	6.4

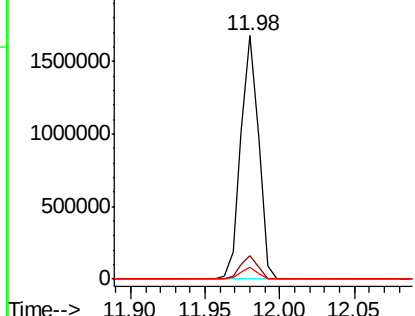
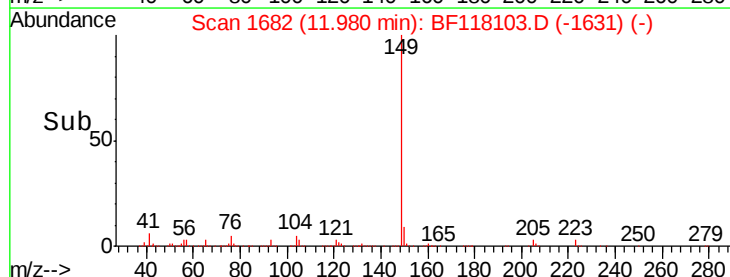


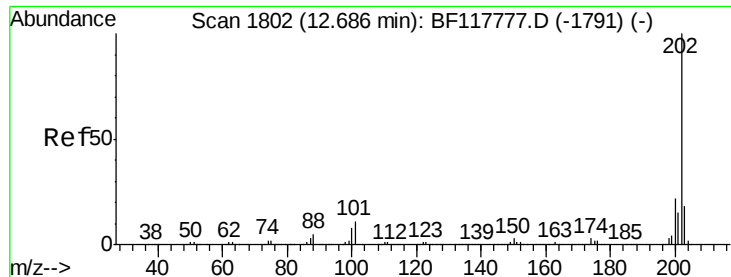
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.382 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

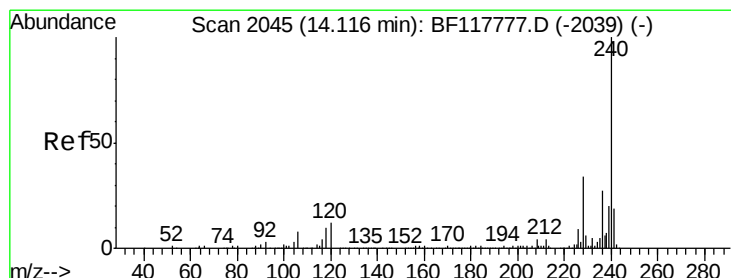
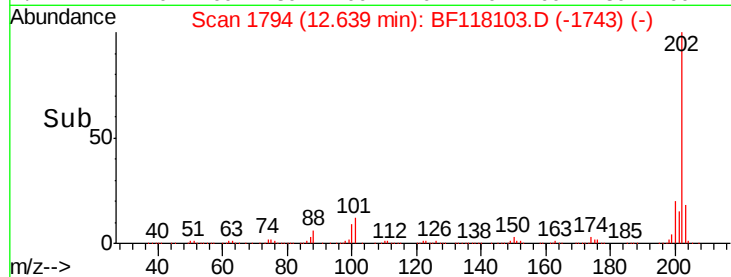
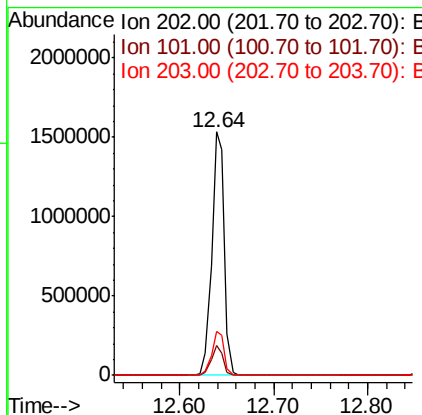
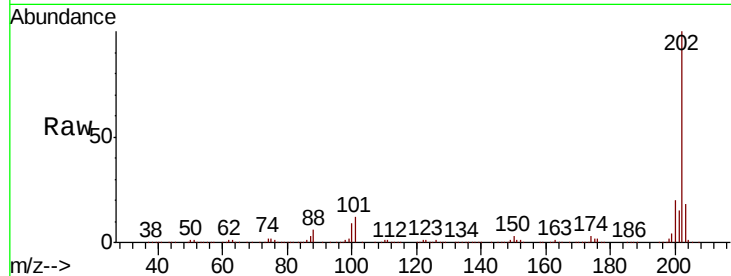
ClientSampleId :

TR-05-112619MS

Tot Ion:	202	Resp:	1444637
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.5
203	17.8	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

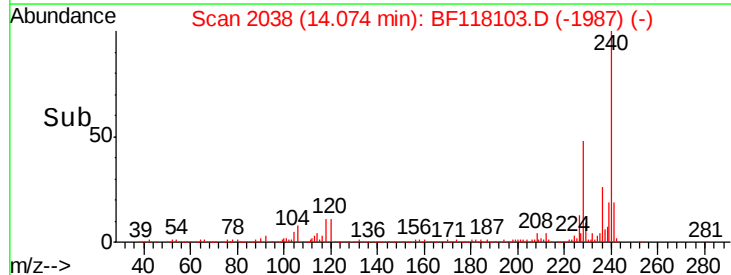
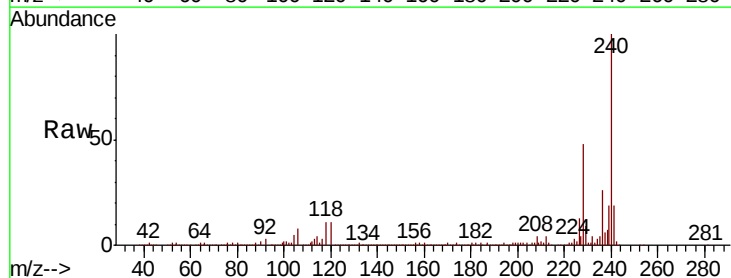
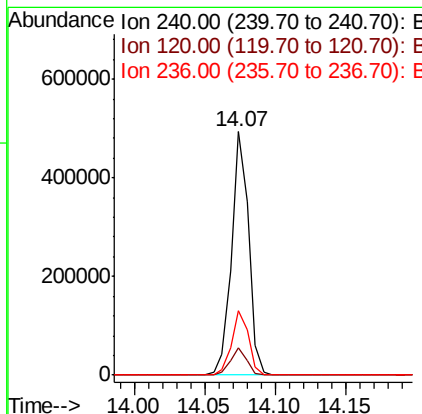
RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	240	Resp:	414913
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.4	12.6
236	26.2	20.6	31.0





#77

Benzidine

Concen: 1.957 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

ClientSampleId :

TR-05-112619MS

Tot Ion:184 Resp: 26599

Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

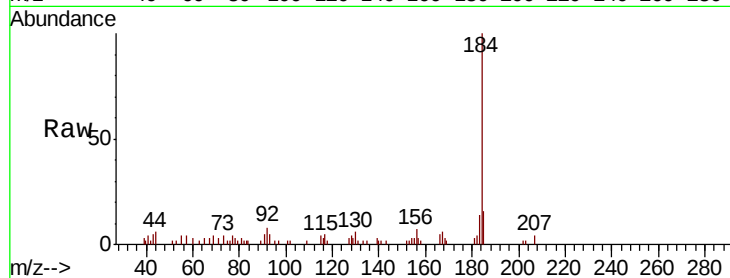
183 14.0 9.7 14.5

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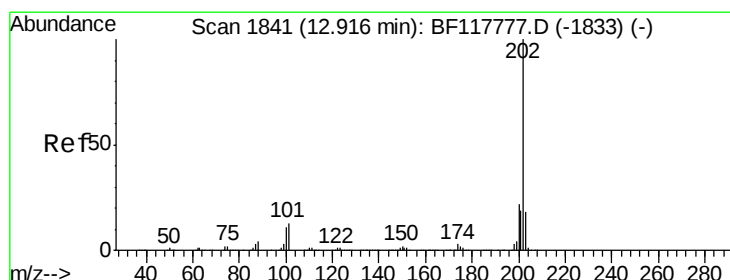
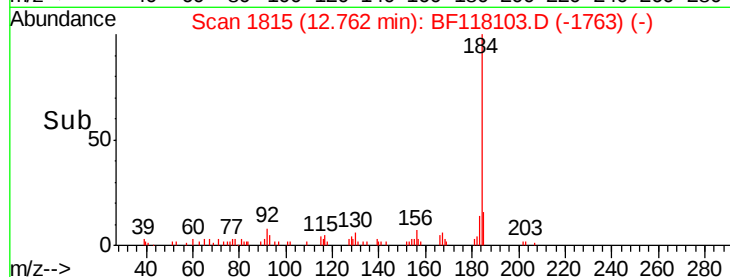
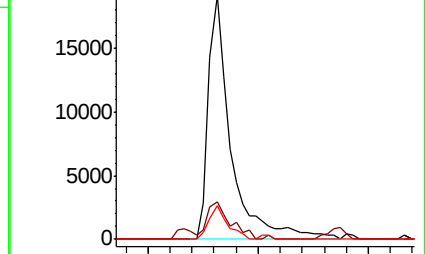
12/5/2019 10:50:48 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.688 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

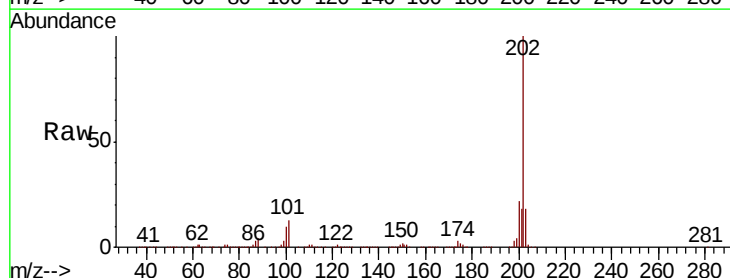
Tgt Ion:202 Resp: 1431383

Ion Ratio Lower Upper

202 100

200 21.9 17.0 25.6

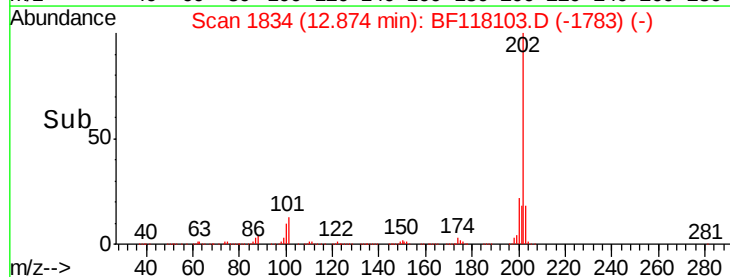
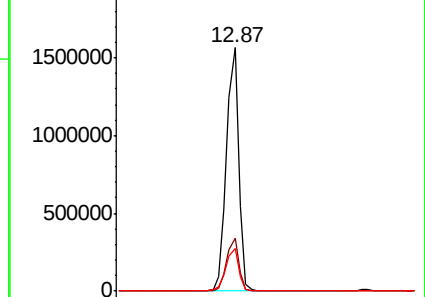
203 17.7 14.2 21.4

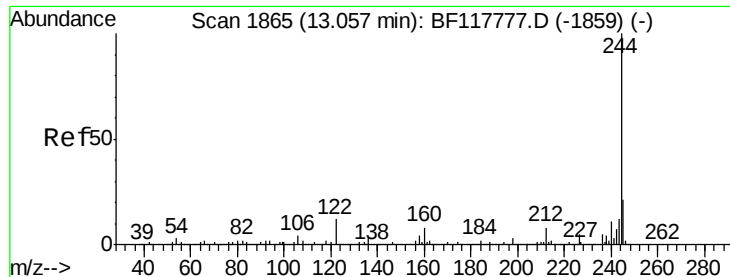


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





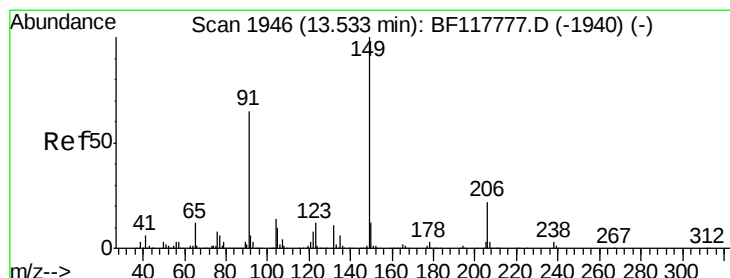
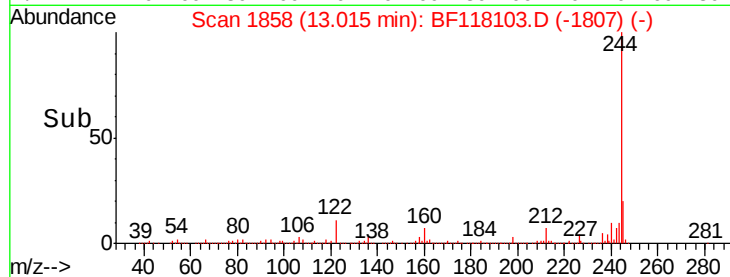
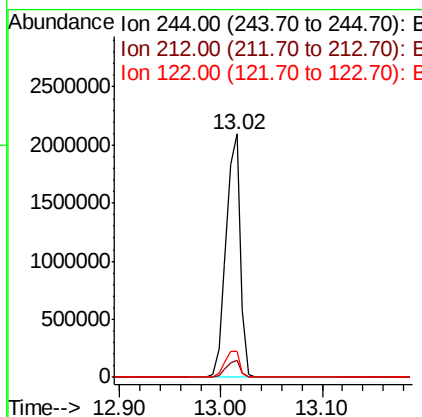
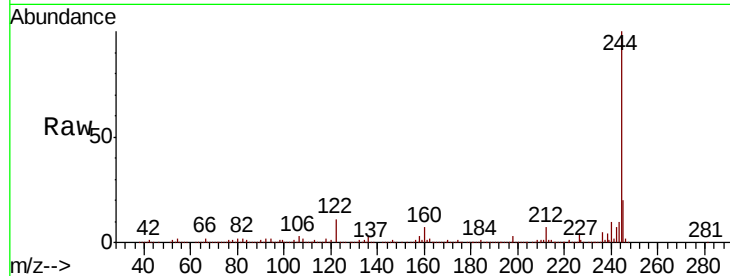
#79
 Terphenyl-d14
 Concen: 90.134 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion:244 Resp: 2046258
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 10.5 7.2 10.8

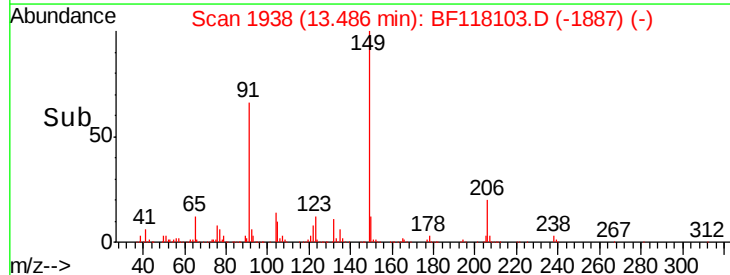
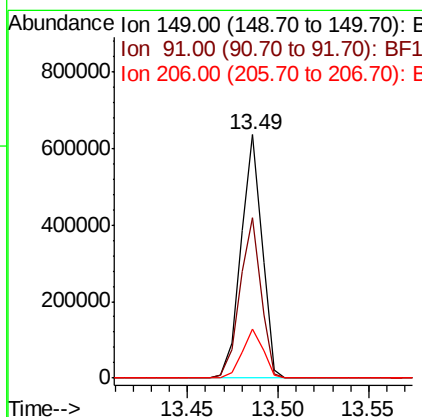
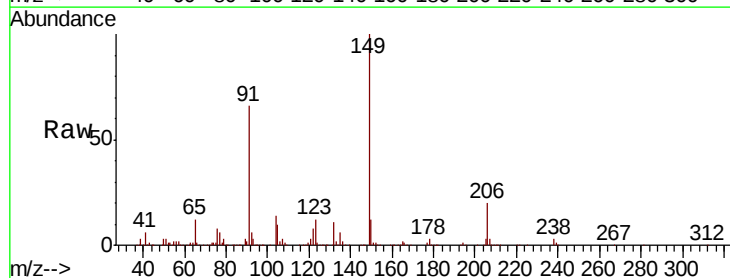
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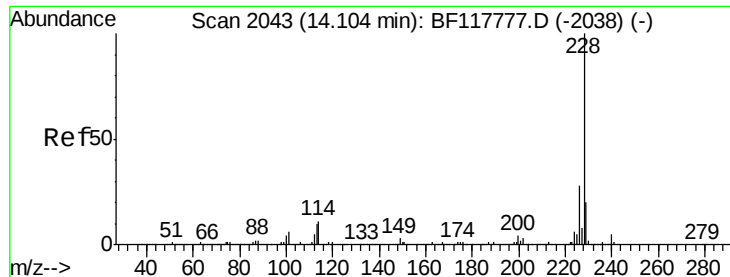
mohammad
 12/5/2019 10:50:48 AM



#80
 Butylbenzylphthalate
 Concen: 35.632 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Tgt Ion:149 Resp: 513159
 Ion Ratio Lower Upper
 149 100
 91 65.9 53.1 79.7
 206 20.0 15.8 23.6





#81

Benzo(a)anthracene

Concen: 35.130 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Instrument :

BNA_F

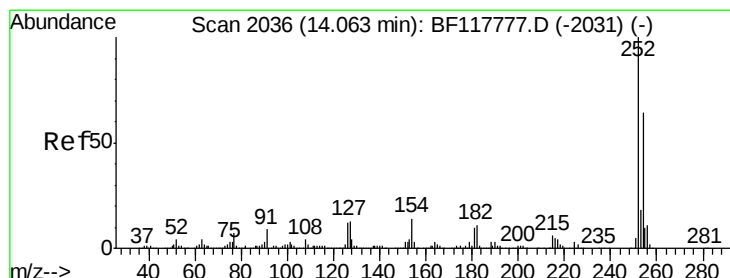
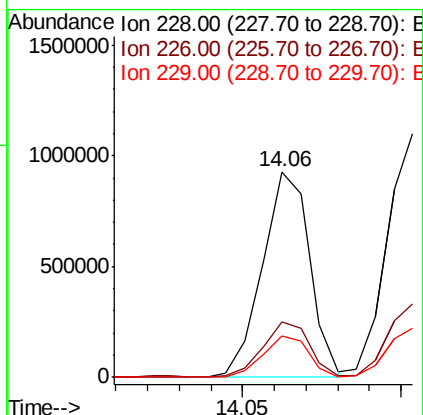
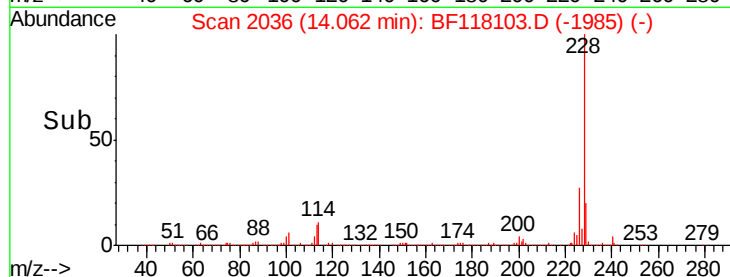
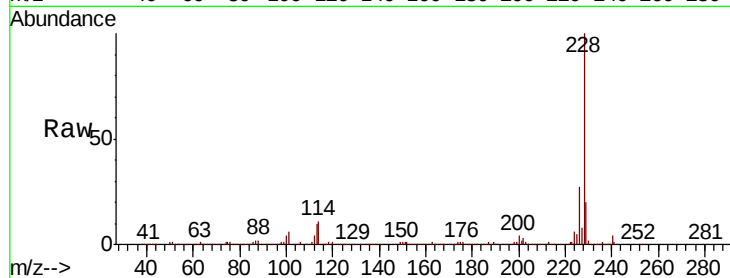
ClientSampleId :

TR-05-112619MS

Tot Ion:	228	Resp:	963198
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.9	32.9
229	20.1	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 32.970 ng

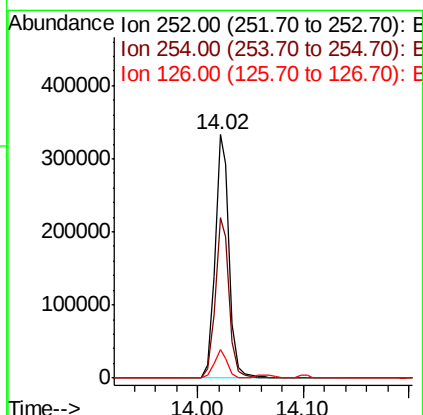
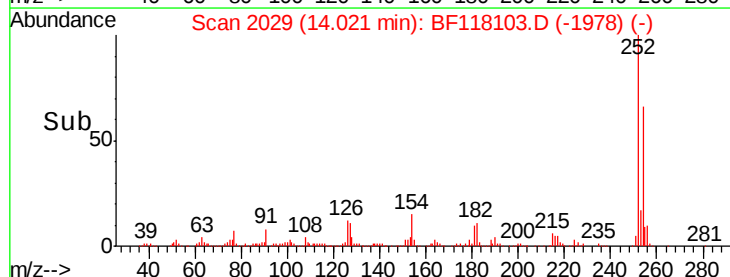
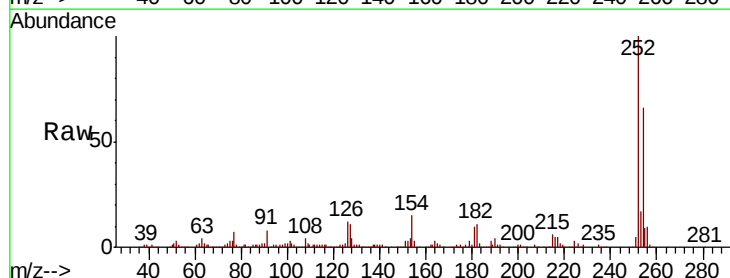
RT: 14.02 min Scan# 2029

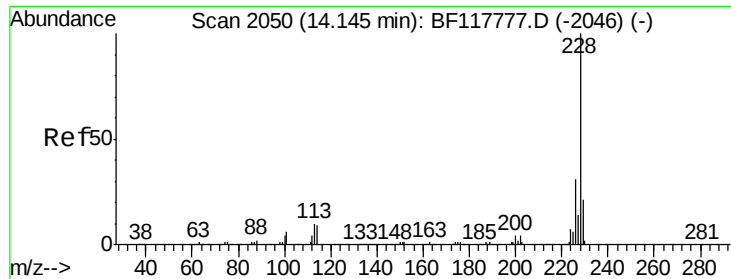
Delta R.T. -0.00 min

Lab File: BF118103.D

Acq: 4 Dec 2019 23:06

Tgt Ion:	252	Resp:	316200
Ion Ratio	Lower	Upper	
252	100		
254	65.7	52.2	78.2
126	11.9	9.3	13.9





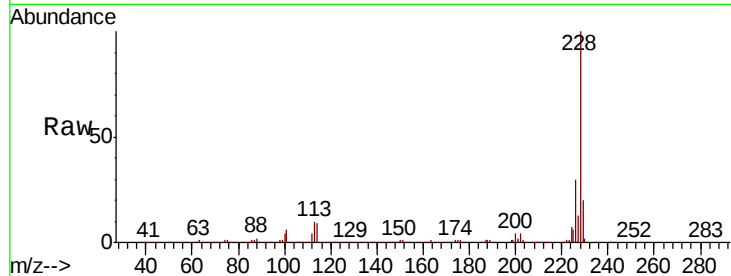
#83
 Chrvsene
 Concen: 34.828 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	19.9	16.2	24.2

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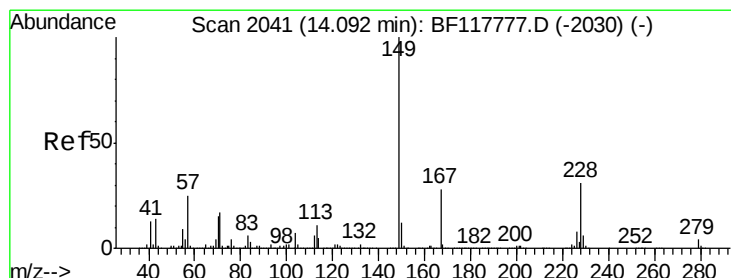
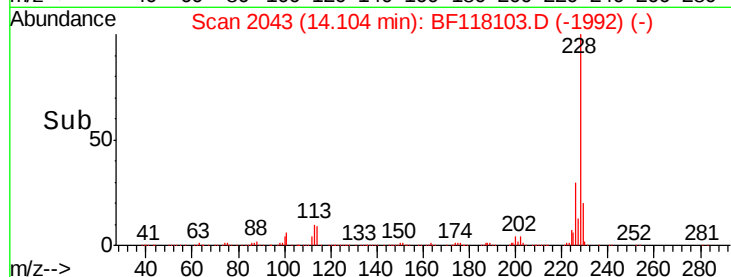
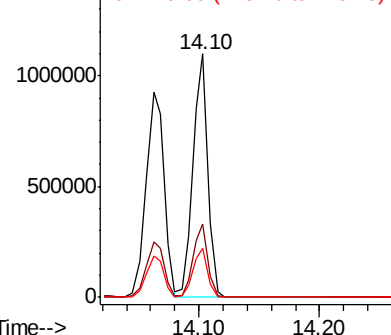


Abundance

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: 40.193 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF118103.D
 Acq: 4 Dec 2019 23:06

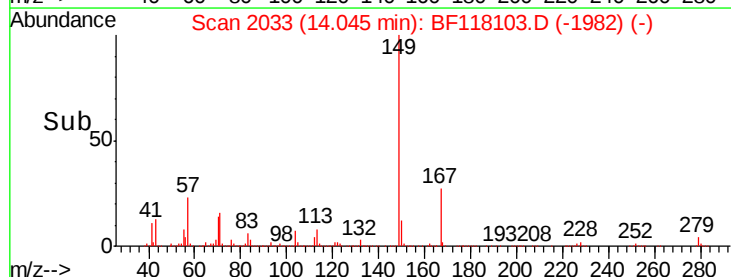
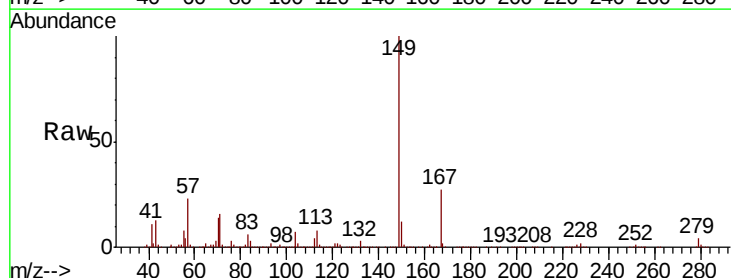
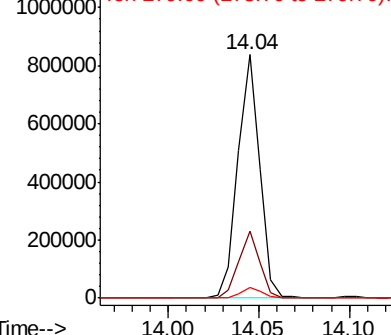
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.1	3.4	5.0

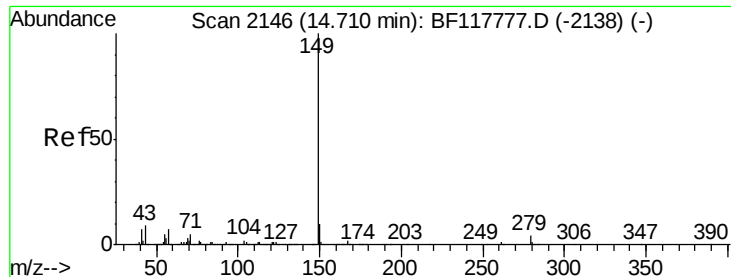
Abundance

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





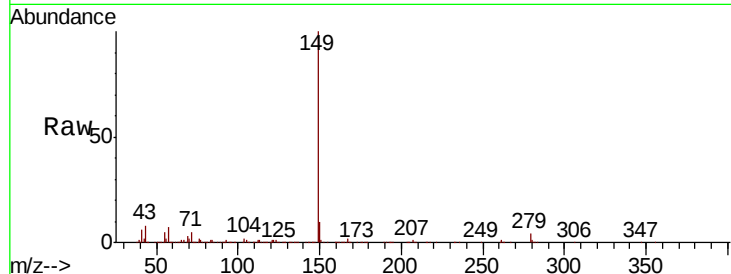
#85
Di-n-octyl phthalate
Concen: 50.627 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.4	9.6

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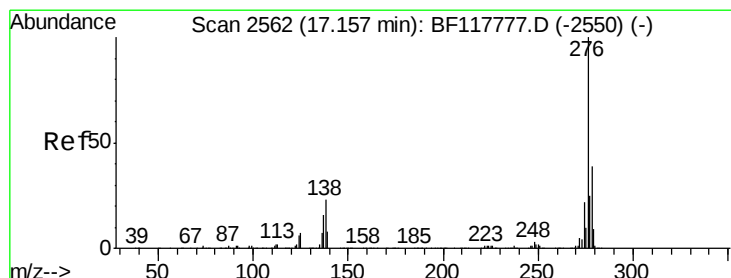
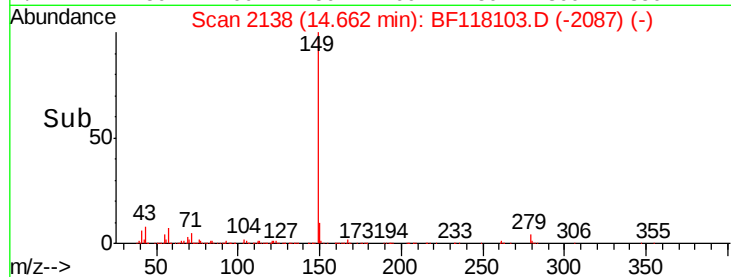
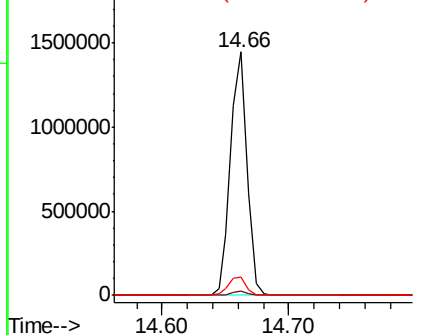


Abundance

Ion 149.00 (148.70 to 149.70): E

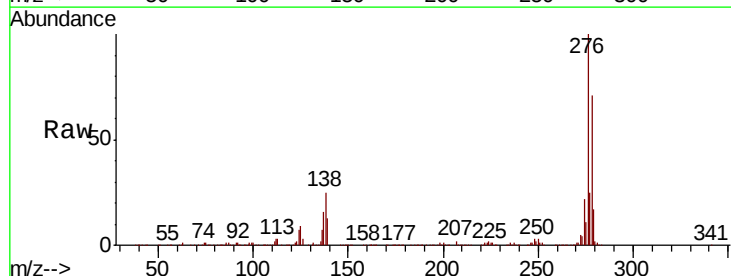
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.699 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.0	28.6
277	25.8	20.7	31.1

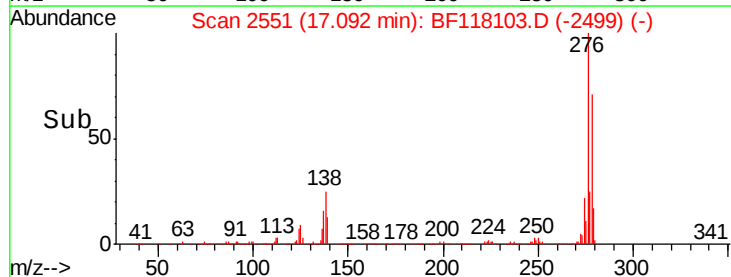
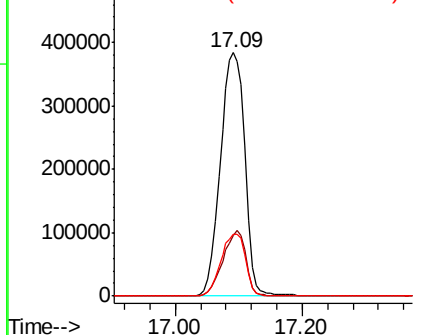


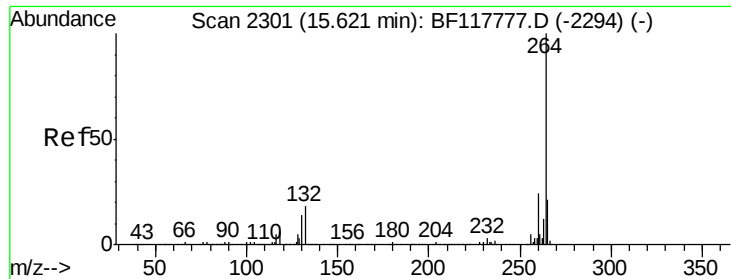
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





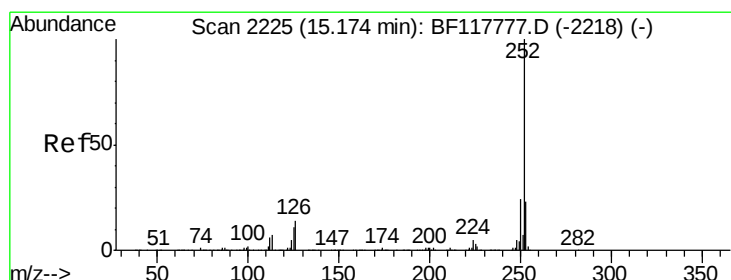
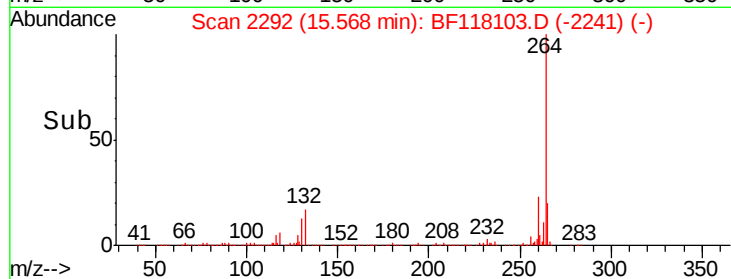
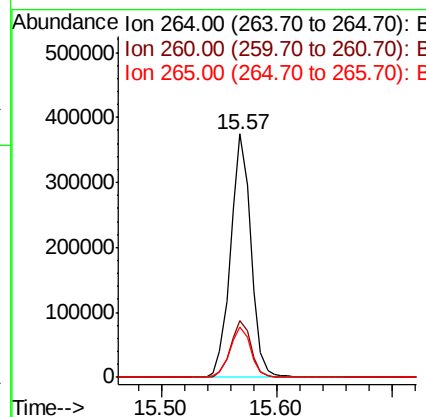
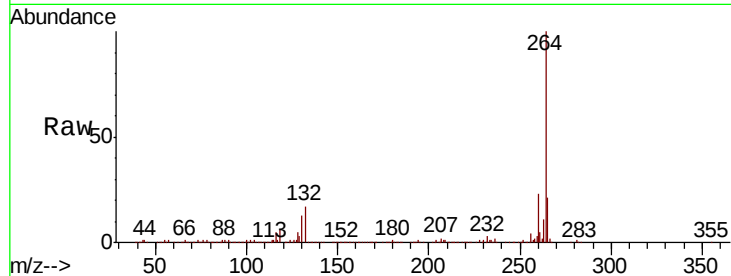
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	20.6	16.4	24.6

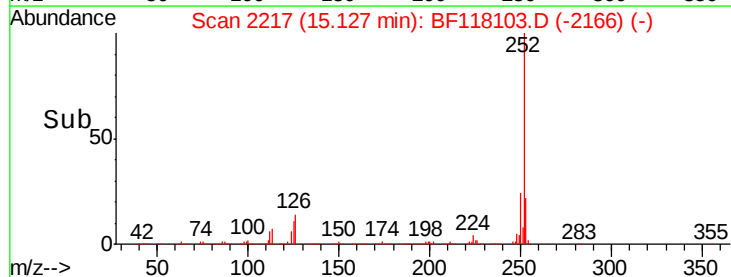
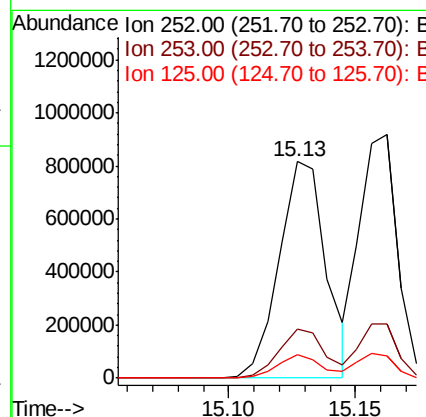
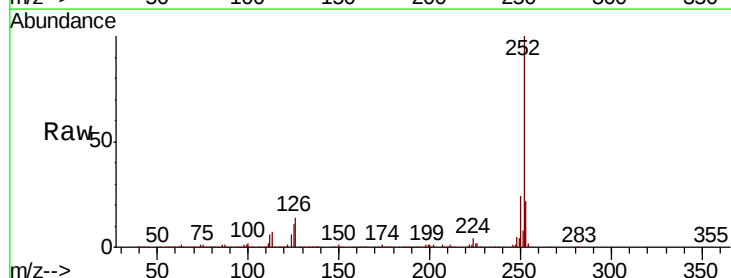
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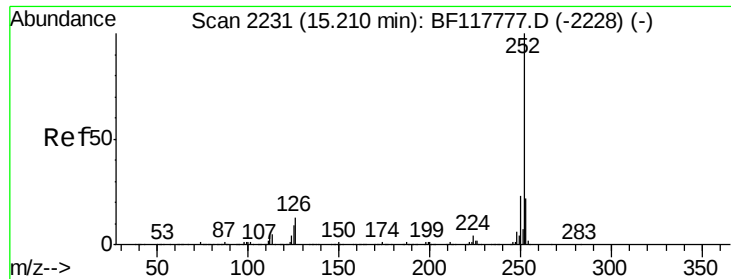
mohammad
12/5/2019 10:50:48 AM



#88
Benzo(b)fluoranthene
Concen: 35.433 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.1	7.7	11.5





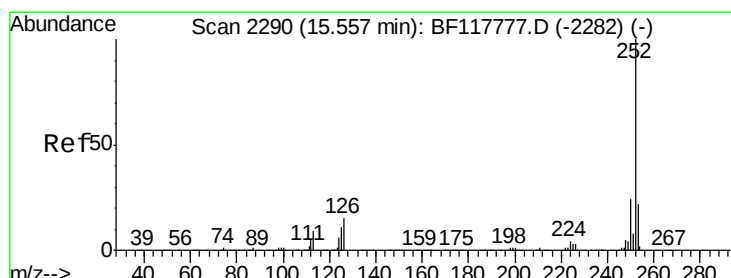
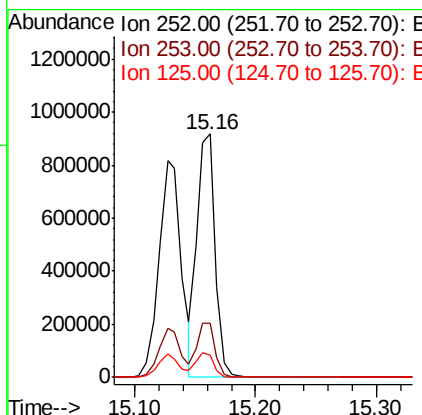
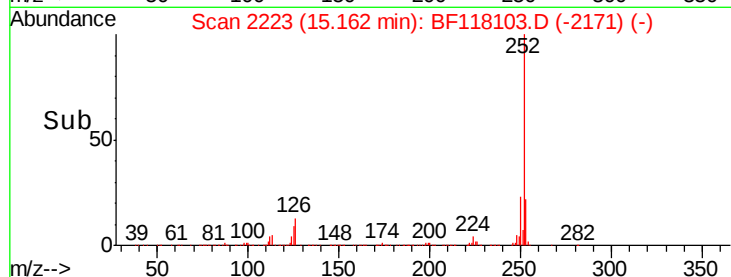
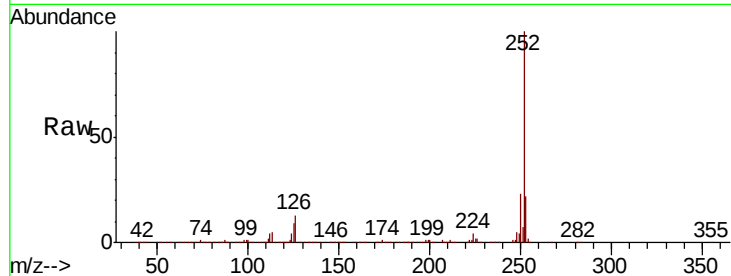
#89
Benzo(k)fluoranthene
Concen: 34.483 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.3	8.5	12.7

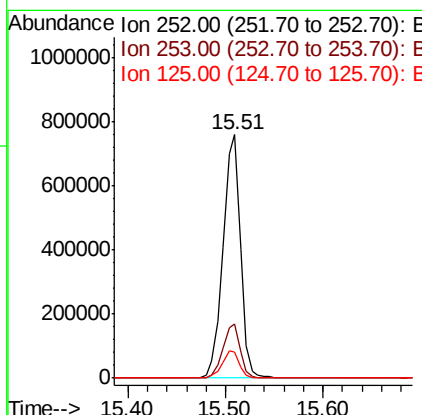
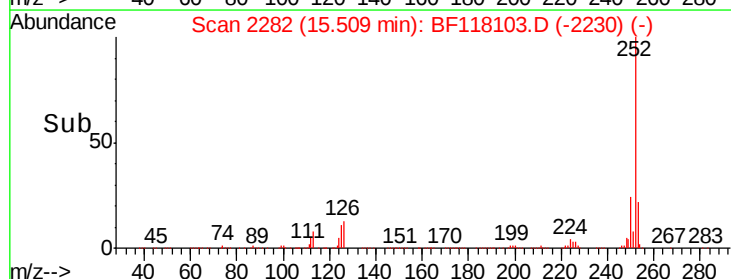
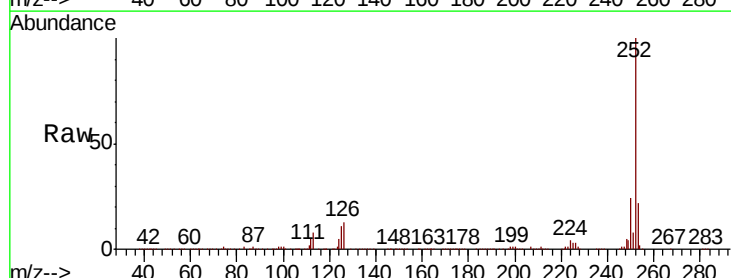
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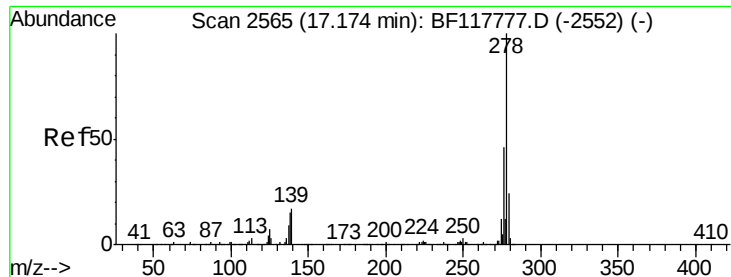
mohammad
12/5/2019 10:50:48 AM



#90
Benzo(a)pyrene
Concen: 36.093 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.6	8.9	13.3





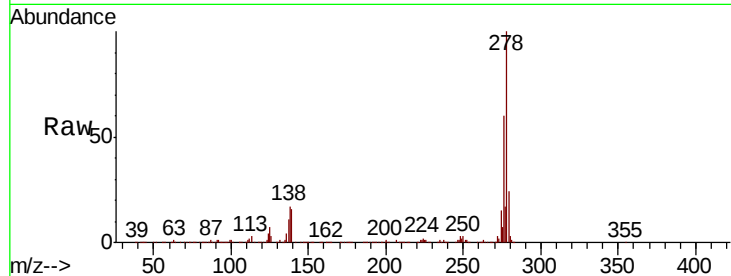
#91
Dibenzo(a,h)anthracene
Concen: 41.222 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.2	18.4
279	23.6	19.0	28.6

Manual Integrations
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12/5/2019 10:50:48 AM

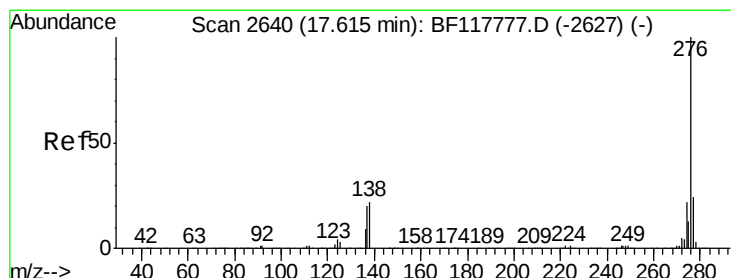
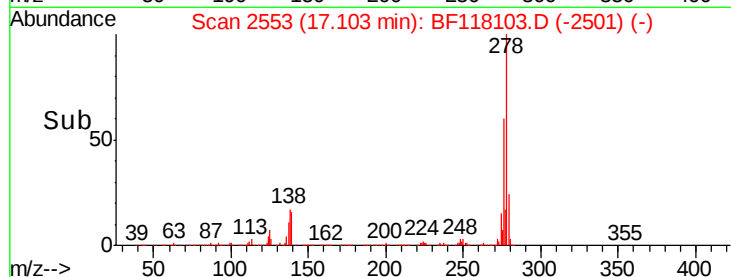
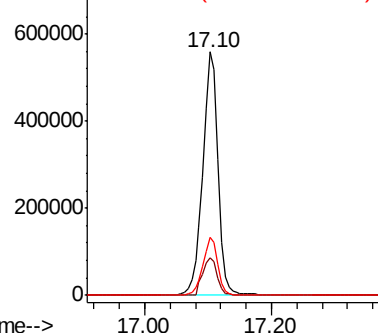


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.986 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF118103.D
Acq: 4 Dec 2019 23:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	21.5	16.6	25.0

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

