

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118251.D
 Acq On : 18 Dec 2019 11:12
 Operator : JU
 Sample : PB125529BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BS

Manual Integrations
 APPROVED

mohammad
 12/19/2019 11:16:37 AM

Quant Time: Dec 18 17:53:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114926	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	474112	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	251728	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	469638	20.00	ng	0.00
76) Chrysene-d12	14.07	240	296307	20.00	ng	0.00
87) Perylene-d12	15.56	264	229622	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	817906	124.65	ng	0.01
7) Phenol-d6	6.50	99	994332	125.28	ng	0.00
23) Nitrobenzene-d5	7.43	82	651412	77.30	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	355550	116.27	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1343458	81.21	ng	0.00
79) Terphenyl-d14	13.00	244	1526947	88.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	114072	41.229	ng	97
3) Pyridine	3.47	79	273433	38.306	ng	100
4) n-Nitrosodimethylamine	3.42	42	137036	44.625	ng	97
6) Aniline	6.53	93	326532	32.164	ng	97
8) 2-Chlorophenol	6.65	128	348814	47.144	ng	97
9) Benzaldehyde	6.42	77	210073	57.975	ng	98
10) Phenol	6.52	94	408838	45.170	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	299800	45.798	ng	95
12) 1,3-Dichlorobenzene	6.80	146	379422	43.898	ng	99
13) 1,4-Dichlorobenzene	6.88	146	383569	44.072	ng	97
14) 1,2-Dichlorobenzene	7.03	146	362643	44.369	ng	97
15) Benzyl Alcohol	7.01	79	292264	47.175	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	340730	43.290	ng	83
17) 2-Methylphenol	7.12	107	278694	47.359	ng	98
18) Hexachloroethane	7.37	117	140666	43.863	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	226849	47.038	ng	96
20) 3+4-Methylphenols	7.27	107	356392	48.215	ng	93
22) Acetophenone	7.27	105	466471	40.953	ng	# 98
24) Nitrobenzene	7.45	77	344880	41.653	ng	96
25) Isophorone	7.69	82	612500	42.873	ng	98
26) 2-Nitrophenol	7.77	139	193392	43.699	ng	99
27) 2,4-Dimethylphenol	7.80	122	301803	51.126	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	384776	41.218	ng	99
29) 2,4-Dichlorophenol	8.01	162	294464	42.789	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	326100	40.548	ng	100
31) Naphthalene	8.17	128	1017130	42.717	ng	99
32) Benzoic acid	7.95	122	217813	40.866	ng	97
33) 4-Chloroaniline	8.22	127	213986	20.813	ng	99
34) Hexachlorobutadiene	8.29	225	189703	39.336	ng	98
35) Caprolactam	8.60	113	93226m	43.928	ng	
36) 4-Chloro-3-methylphenol	8.72	107	311291	42.984	ng	98
37) 2-Methylnaphthalene	8.87	142	709795	44.032	ng	99
38) 1-Methylnaphthalene	8.97	142	657583	43.445	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	304182	39.889	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	343355	100.493	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	212937	41.821	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	226166	42.874	nq	97
46) 1,1'-Biphenyl	9.33	154	822533	41.430	nq	99
47) 2-Chloronaphthalene	9.36	162	643693	40.306	nq	100
48) 2-Nitroaniline	9.46	65	178681	39.233	nq	97
49) Acenaphthylene	9.78	152	1020653	43.330	nq	100
50) Dimethylphthalate	9.63	163	765107	41.149	nq	99
51) 2,6-Dinitrotoluene	9.70	165	169854	42.011	nq	88
52) Acenaphthene	9.95	154	594961	41.382	nq	97
53) 3-Nitroaniline	9.87	138	114828	24.133	nq	96
54) 2,4-Dinitrophenol	9.99	184	164665	81.862	nq	98
55) Dibenzofuran	10.12	168	902280	42.830	nq	99
56) 4-Nitrophenol	10.05	139	259842	78.691	nq	90
57) 2,4-Dinitrotoluene	10.11	165	222437	41.219	nq	95
58) Fluorene	10.47	166	711568	42.503	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	183204	42.096	nq	99
60) Diethylphthalate	10.33	149	775128	42.312	nq	100
61) 4-Chlorophenyl-phenylether	10.46	204	352679	41.868	nq	99
62) 4-Nitroaniline	10.49	138	169713	34.199	nq	99
63) Azobenzene	10.62	77	670803	42.894	nq	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	116665	44.982	nq	91
66) n-Nitrosodiphenylamine	10.58	169	632603	43.134	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	224574	41.890	nq	97
68) Hexachlorobenzene	11.02	284	254218	40.288	nq	95
69) Atrazine	11.11	200	215055	65.379	nq	98
70) Pentachlorophenol	11.22	266	249774	84.172	nq	99
71) Phenanthrene	11.44	178	1036931	41.535	nq	99
72) Anthracene	11.49	178	1091930	43.844	nq	99
73) Carbazole	11.64	167	889566	39.810	nq	99
74) Di-n-butylphthalate	11.97	149	1194395	42.710	nq	99
75) Fluoranthene	12.63	202	1040412	40.761	nq	99
77) Benzidine	12.75	184	246380	31.586	nq	97
78) Pyrene	12.86	202	1038795	44.487	nq	98
80) Butylbenzylphthalate	13.47	149	464348	43.910	nq	96
81) Benzo(a)anthracene	14.06	228	844267	41.207	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	221047	32.850	nq	97
83) Chrysene	14.09	228	796216	40.683	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	631792	45.308	nq	# 99
85) Di-n-octyl phthalate	14.65	149	908846	43.026	nq	# 61
86) Indeno(1,2,3-cd)pyrene	17.08	276	630320	38.277	nq	99
88) Benzo(b)fluoranthene	15.12	252	639634	42.119	nq	98
89) Benzo(k)fluoranthene	15.15	252	646456m	44.311	nq	
90) Benzo(a)pyrene	15.50	252	557279	41.549	nq	99
91) Dibenzo(a,h)anthracene	17.09	278	541301	47.053	nq	99
92) Benzo(g,h,i)perylene	17.53	276	533800	48.287	nq	98

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

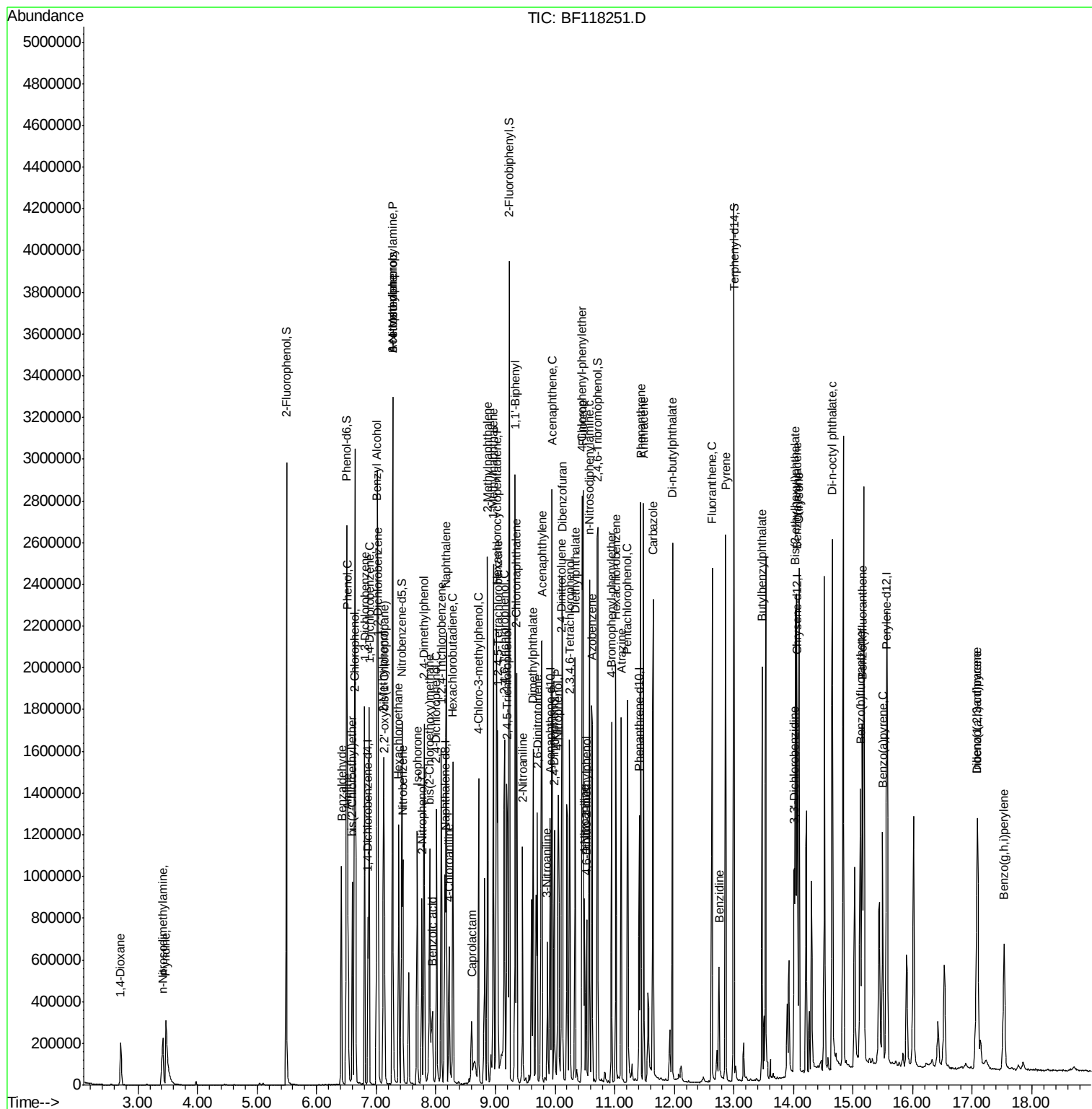
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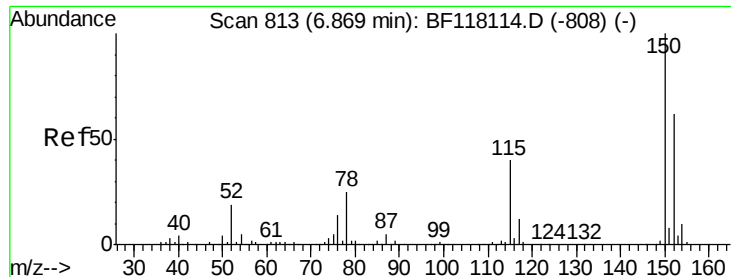
Instrument :
BNA_F
ClientSampleId :
PB125529BS

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#1

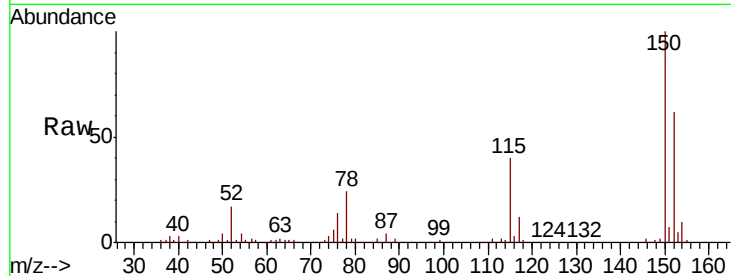
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.3	192.5
115	63.9	51.1	76.7

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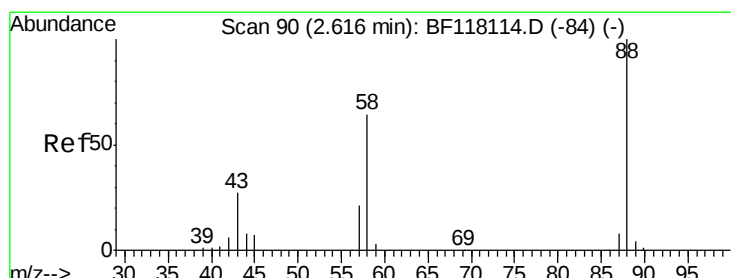
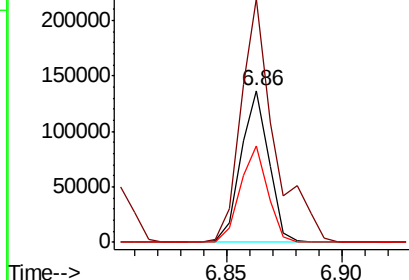
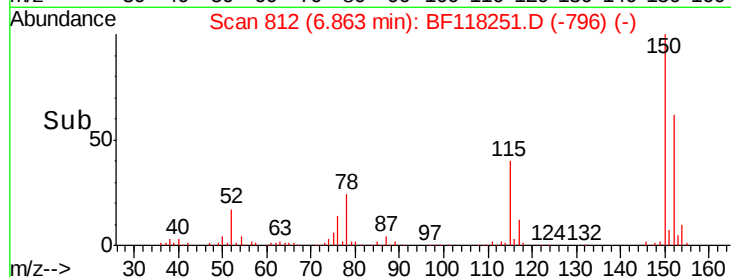


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

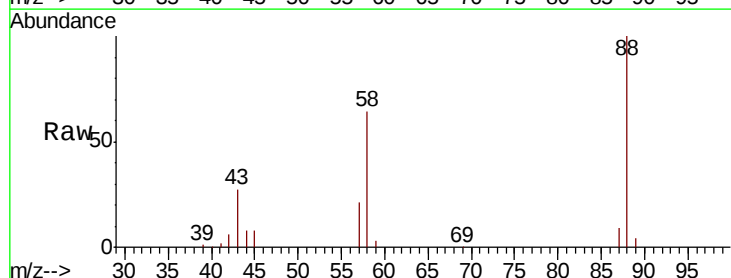
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.229 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.10 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	52.2	78.4
43	29.4	21.4	32.2

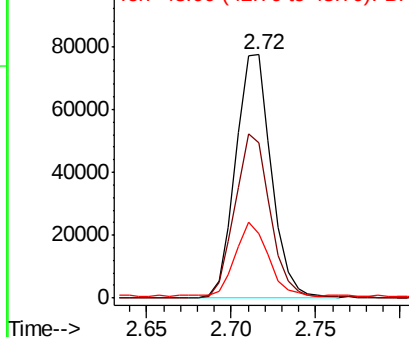
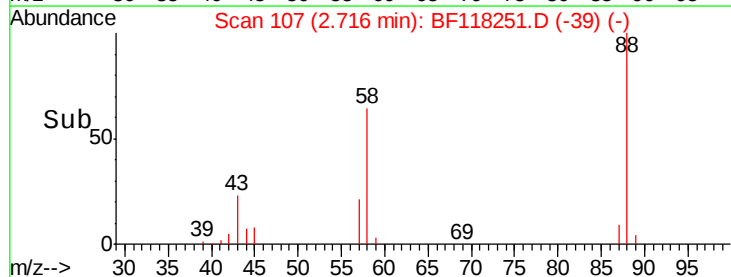


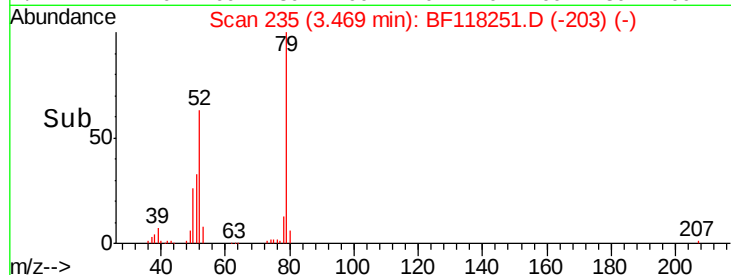
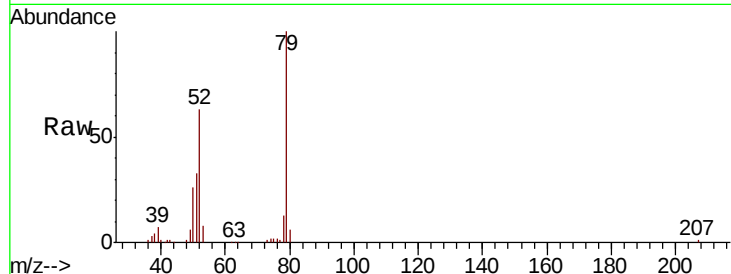
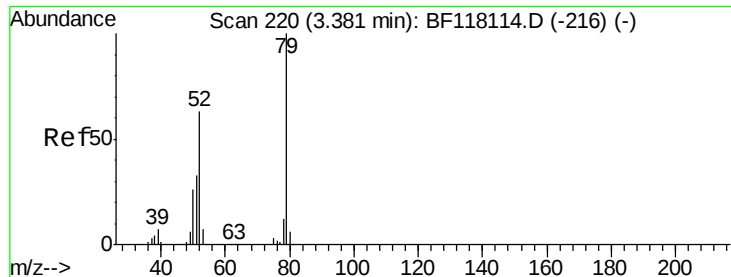
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





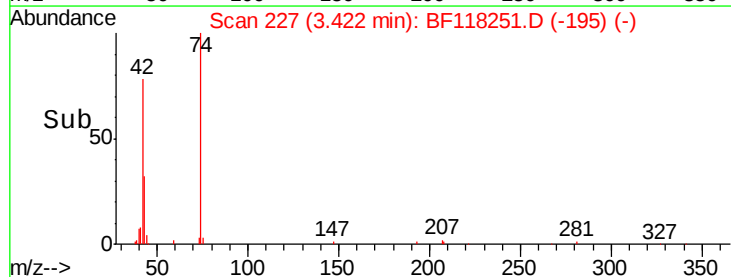
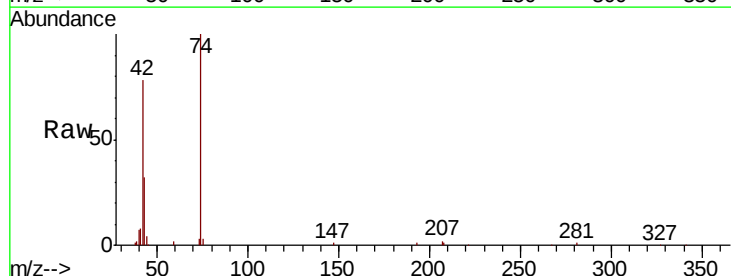
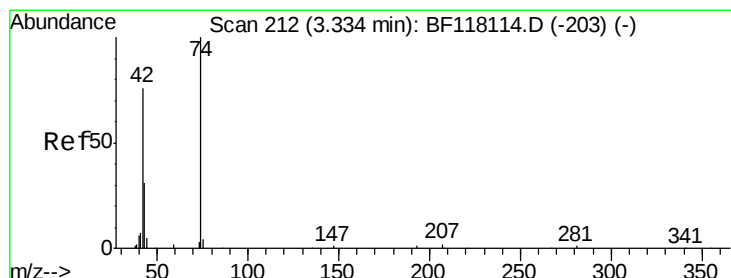
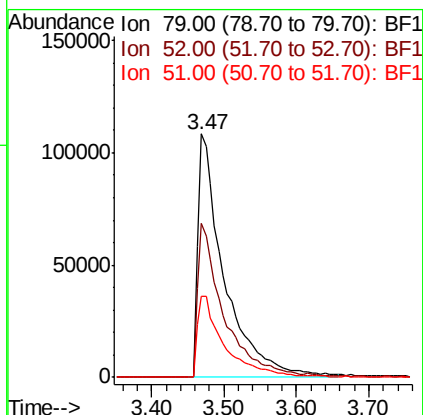
#3
 Pvridine
 Concen: 38.306 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.09 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	50.7	76.1
51	33.5	26.4	39.6

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 ClientSampleId :
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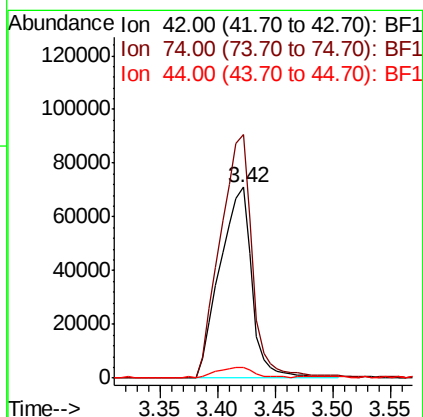
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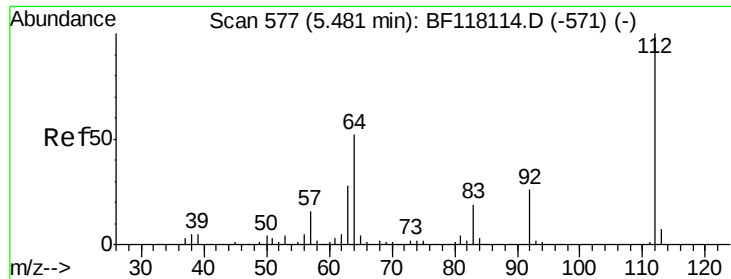
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#4
 n-Nitrosodimethylamine
 Concen: 44.625 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.09 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.5	104.6	157.0
44	5.5	5.1	7.7





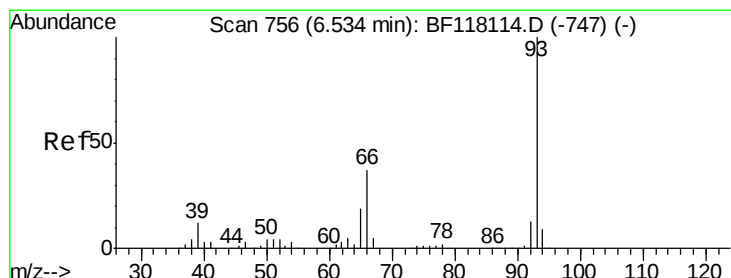
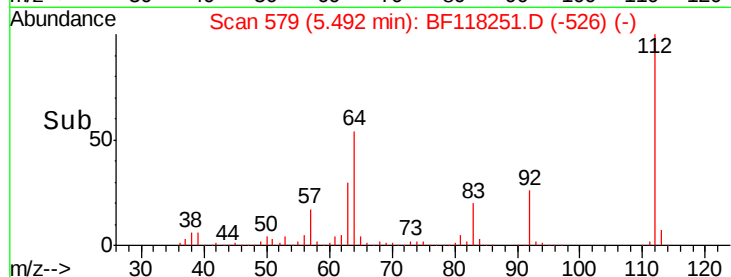
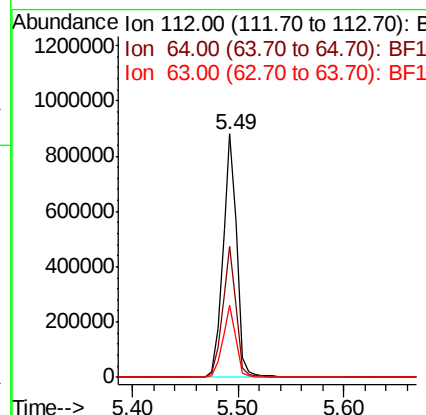
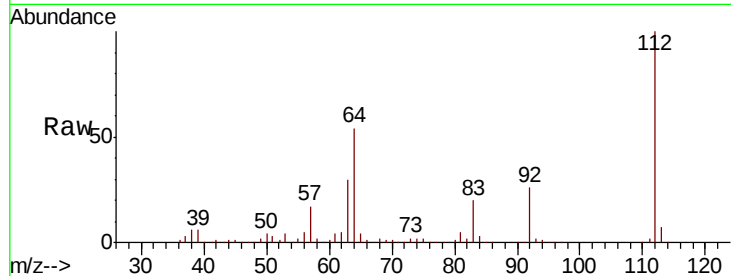
#5
2-Fluorophenol
Concen: 124.648 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleID :
PB125529BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.8	41.3	61.9
63	29.5	22.4	33.6

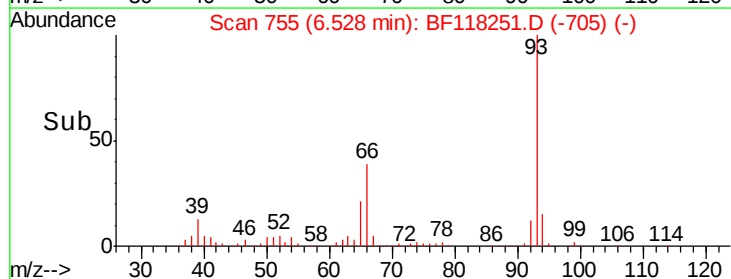
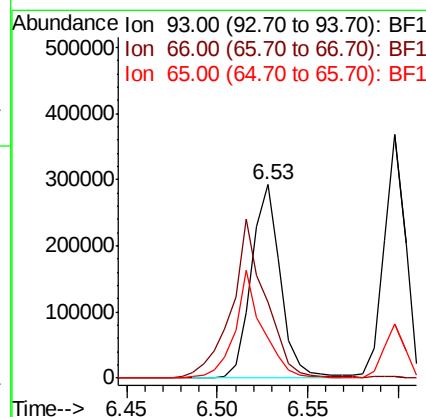
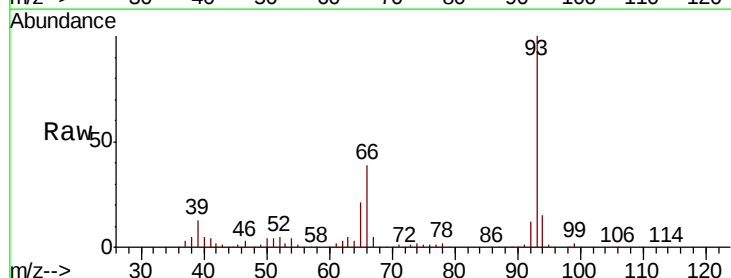
Manual Integrations
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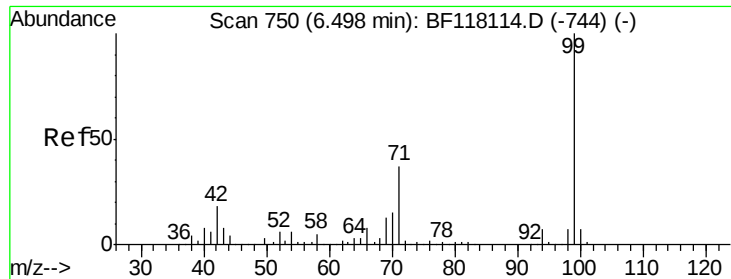
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#6
Aniline
Concen: 32.164 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.4	30.2	45.2
65	20.9	15.5	23.3





#7

Phenol-d6

Concen: 125.285 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

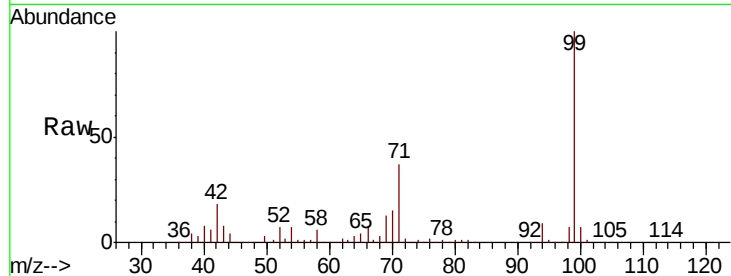
ClientSampleId :

PB125529BS

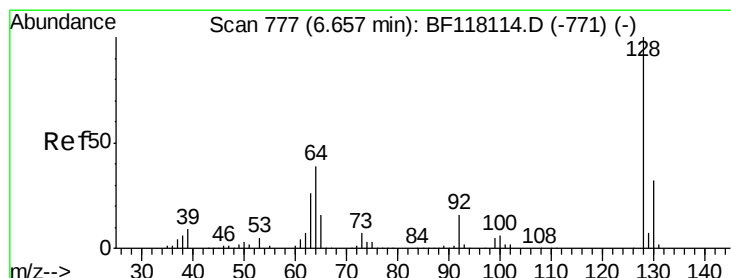
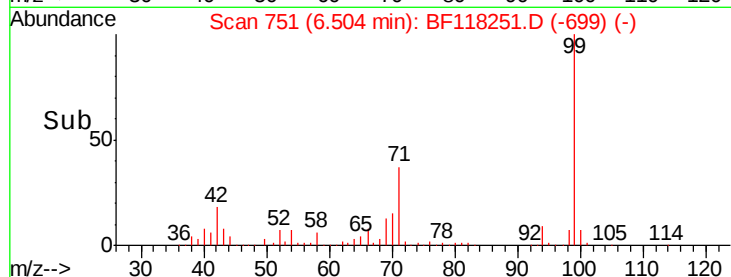
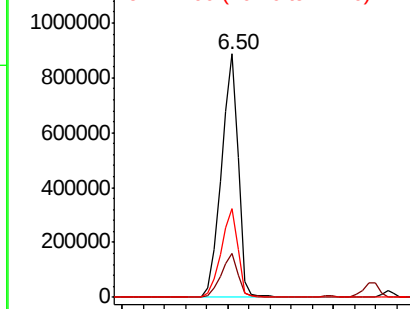
Tot Ion:	99	Resp:	994332
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.1	21.1
71	36.7	29.7	44.5

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.144 ng

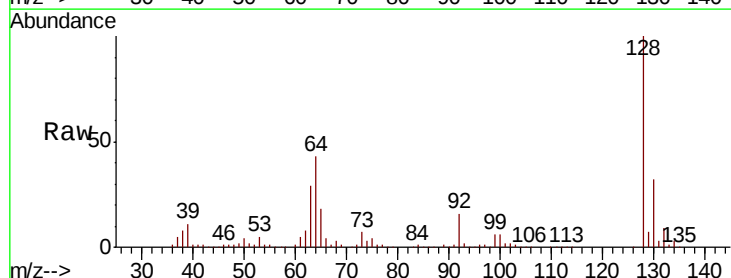
RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

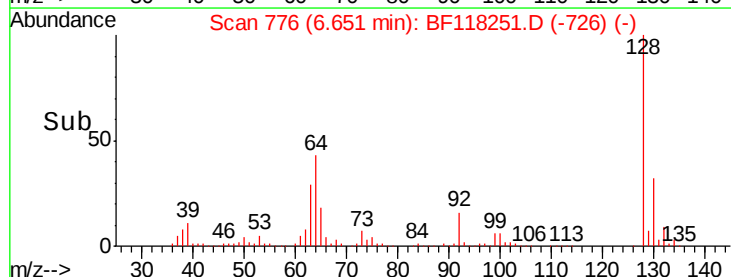
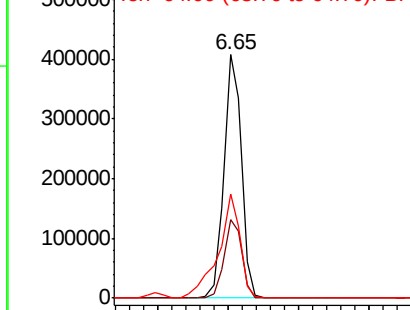
Lab File: BF118251.D

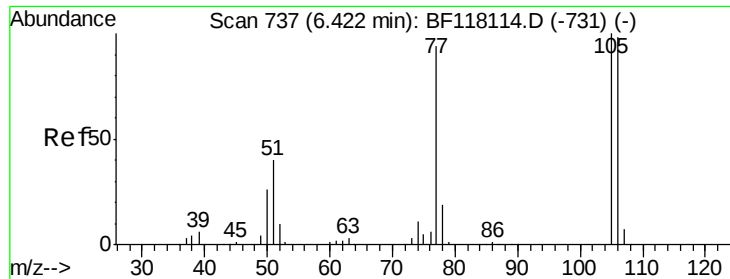
Acq: 18 Dec 2019 11:12

Tgt Ion:	128	Resp:	348814
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.1	52.1
64	42.5	19.3	59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 57.975 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

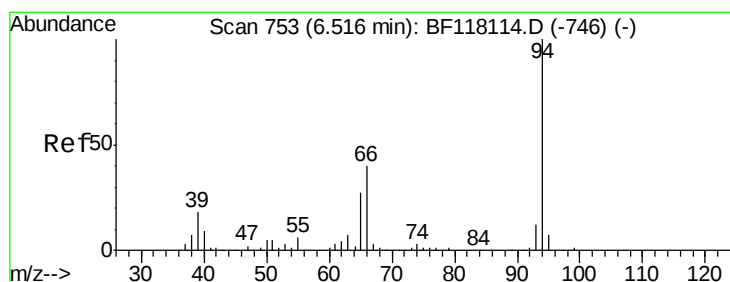
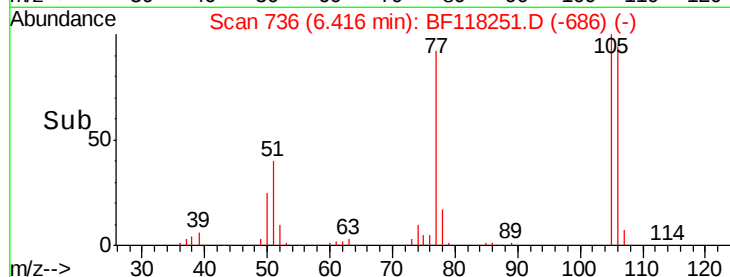
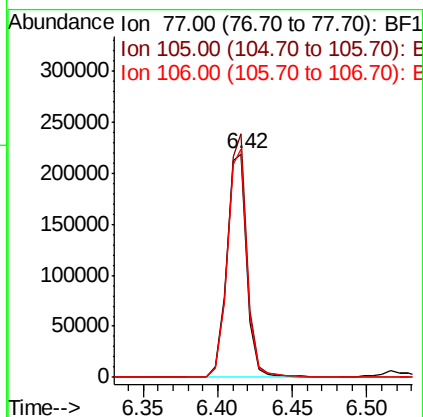
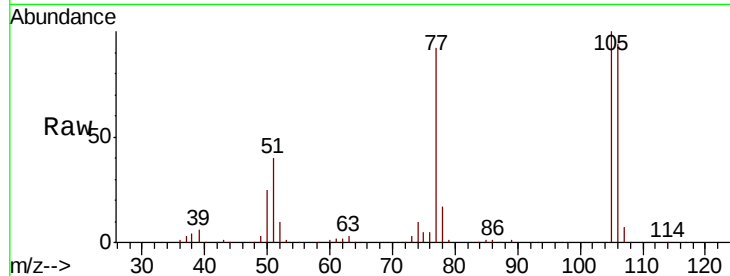
ClientSampleId :

PB125529BS

Tot Ion:	77	Resp:	210073
Ion	Ratio	Lower	Upper
77	100		
105	108.9	86.4	126.4
106	102.3	83.8	123.8

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#10

Phenol

Concen: 45.170 ng

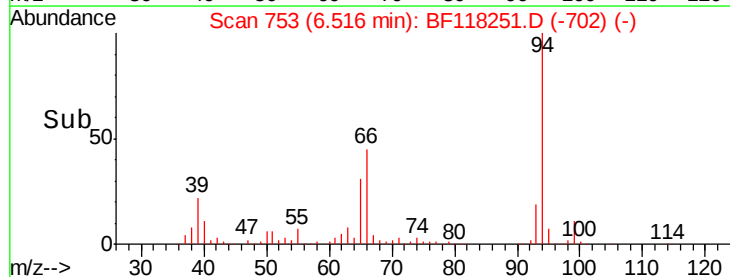
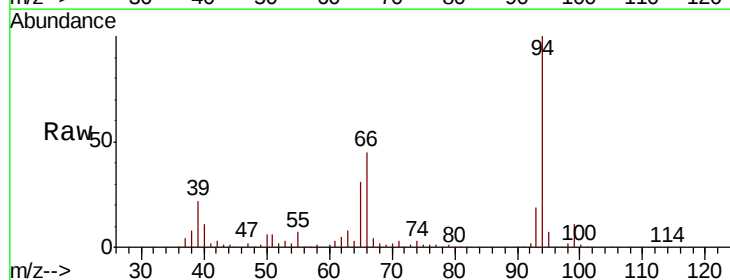
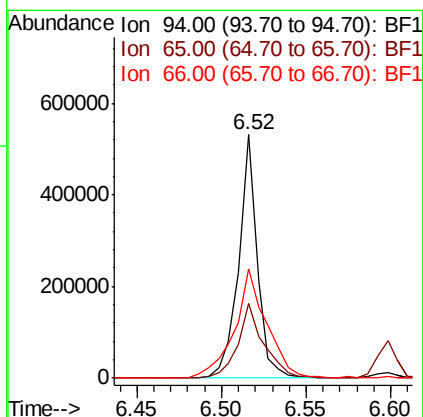
RT: 6.52 min Scan# 753

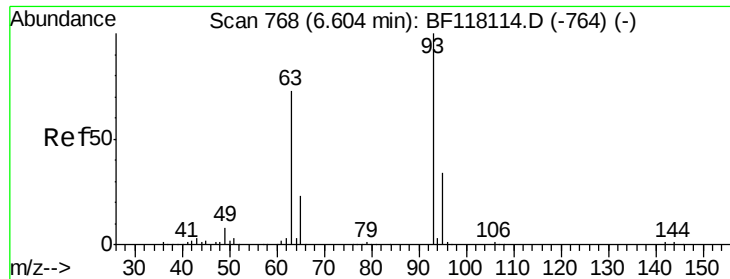
Delta R.T. -0.00 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Tgt Ion:	94	Resp:	408838
Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.3	47.3
66	45.1	20.2	60.2





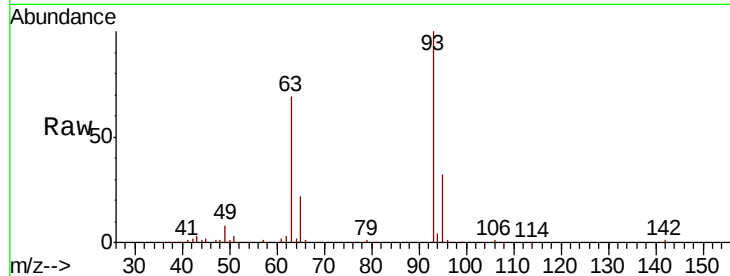
#11
bis(2-Chloroethyl)ether
Concen: 45.798 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

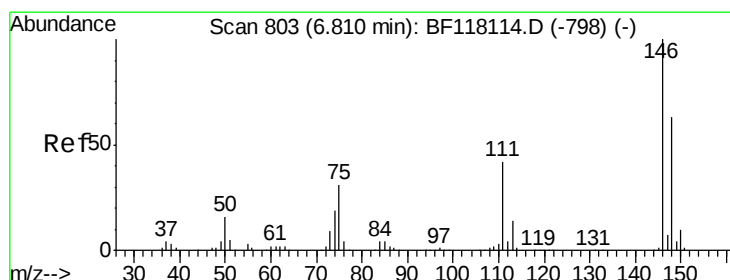
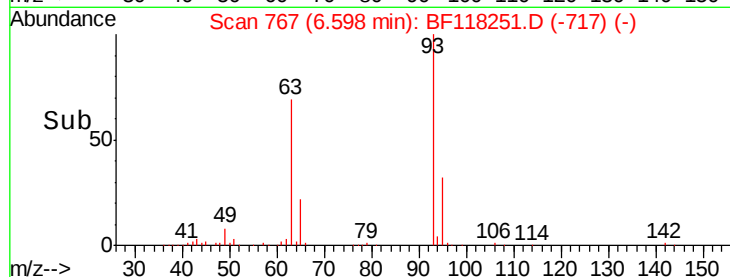
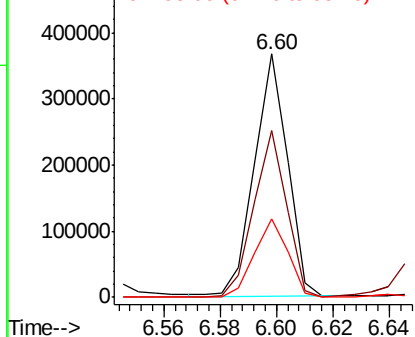
Tot Ion:	93	Resp:	299800
Ion	Ratio	Lower	Upper
93	100		
63	68.6	53.2	93.2
95	32.4	13.8	53.8

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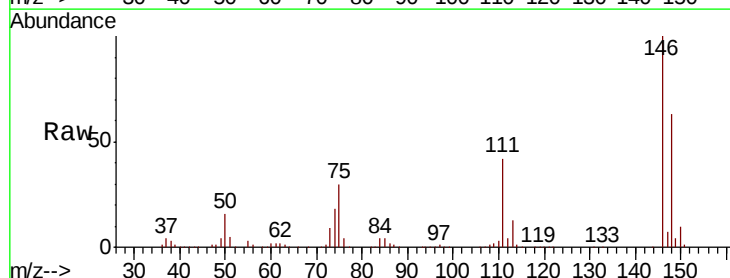


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

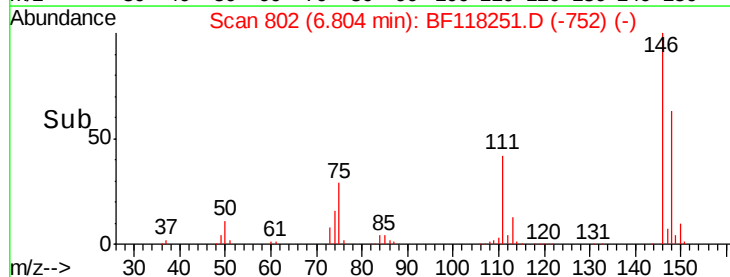
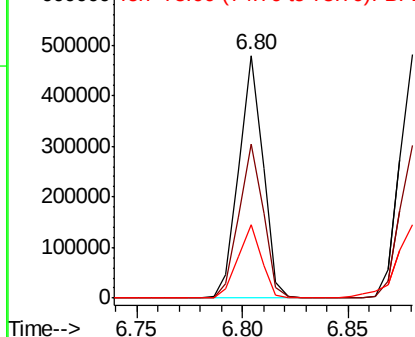


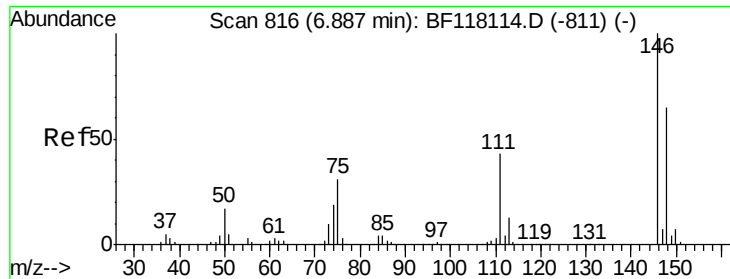
#12
1,3-Dichlorobenzene
Concen: 43.898 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion:	146	Resp:	379422
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.4
75	30.0	24.6	37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





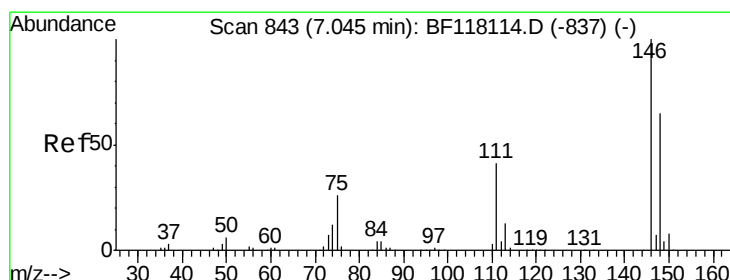
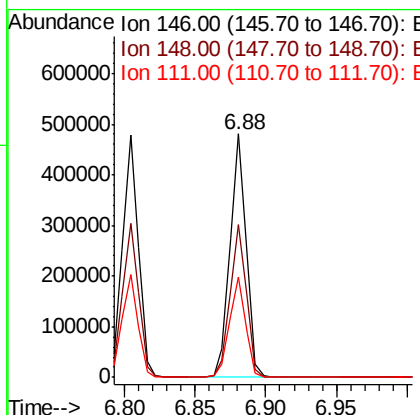
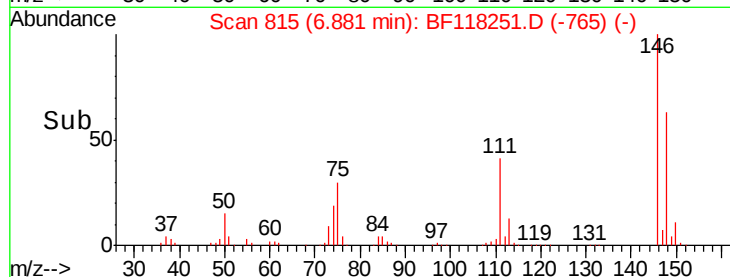
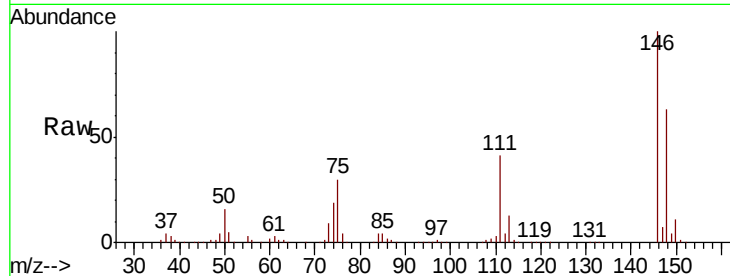
#13
 1,4-Dichlorobenzene
 Concen: 44.072 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.1	78.1
111	41.1	34.6	52.0

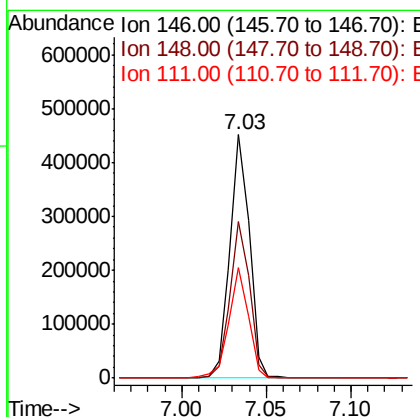
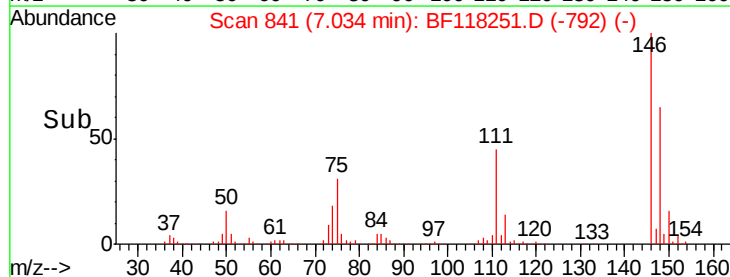
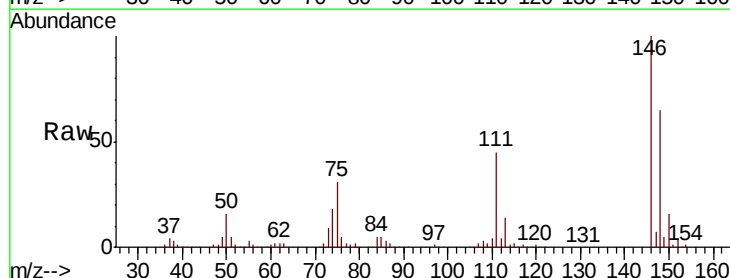
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#14
 1,2-Dichlorobenzene
 Concen: 44.369 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	45.3	33.1	49.7





#15

Benzyl Alcohol

Concen: 47.175 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

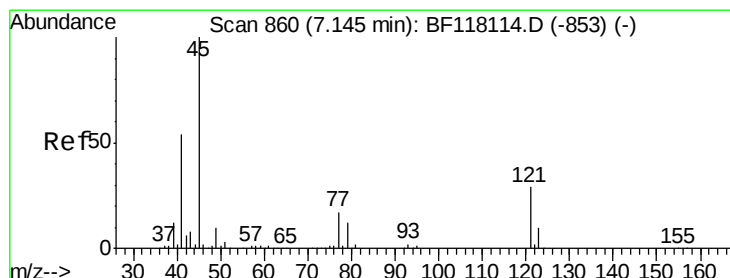
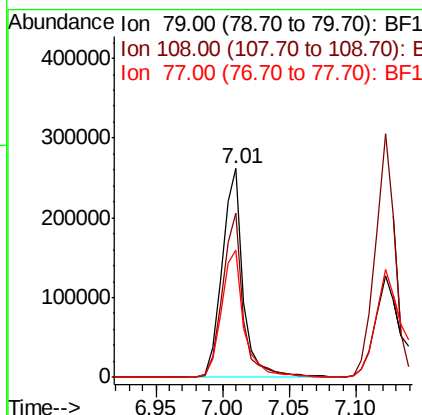
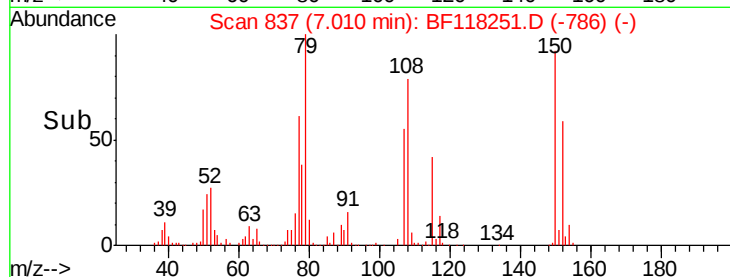
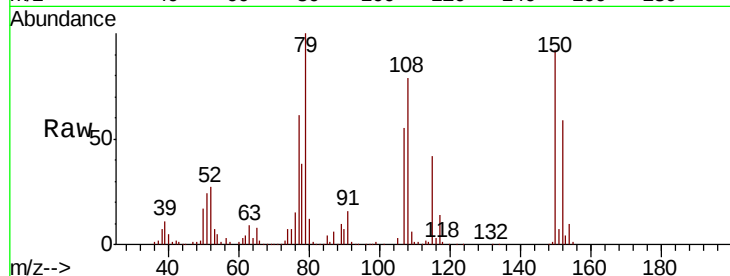
ClientSampleId :

PB125529BS

Tot Ion:	79	Resp:	292264
Ion Ratio	Lower	Upper	
79	100		
108	78.6	62.7	94.1
77	60.9	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.290 ng

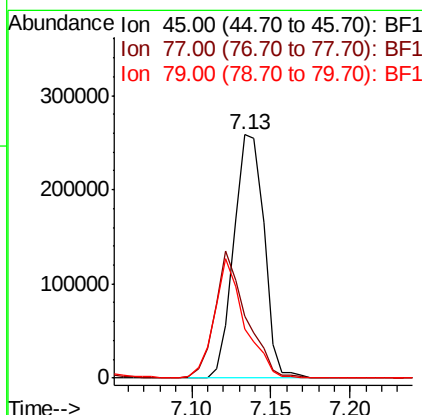
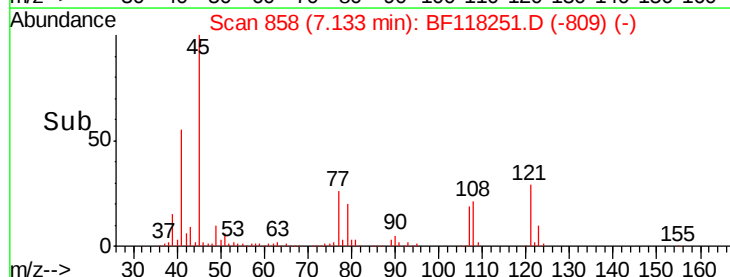
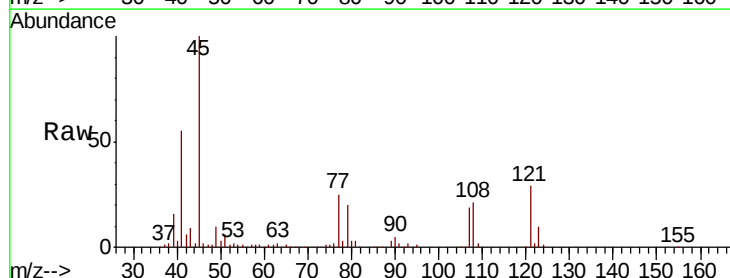
RT: 7.13 min Scan# 858

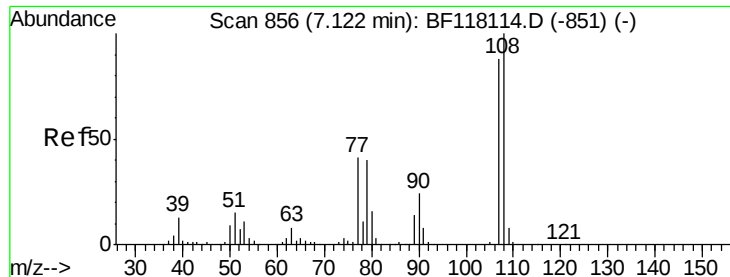
Delta R.T. -0.01 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Tgt Ion:	45	Resp:	340730
Ion Ratio	Lower	Upper	
45	100		
77	25.5	0.0	38.0
79	20.3	0.0	33.2





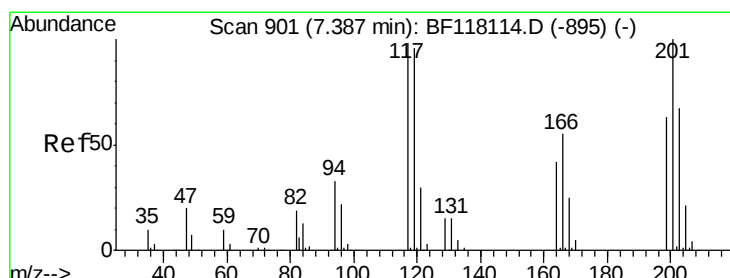
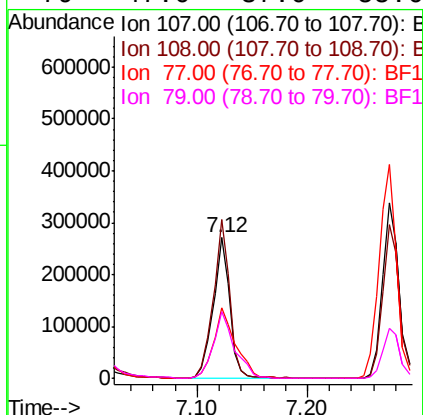
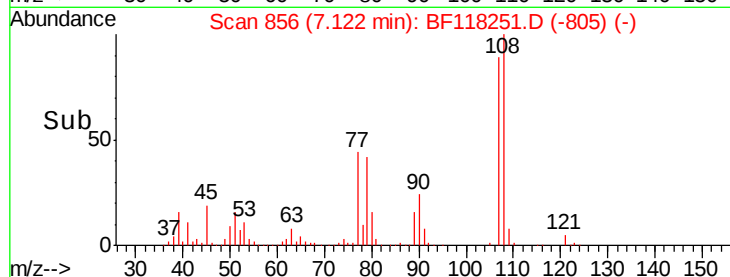
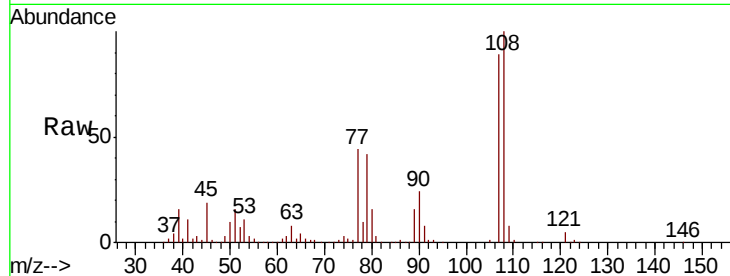
#17
2-Methylphenol
Concen: 47.359 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.1	136.7	
77	49.7	37.8	56.6	
79	47.0	37.0	55.6	

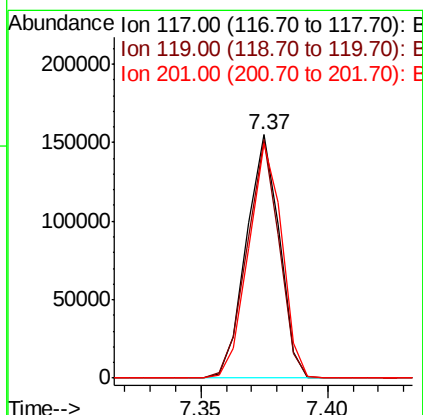
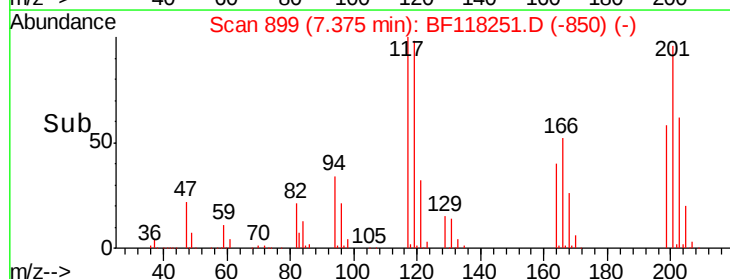
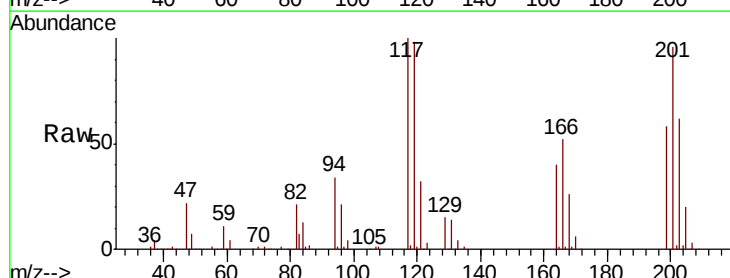
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#18
Hexachloroethane
Concen: 43.863 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	78.2	117.4	
201	96.1	81.6	122.4	





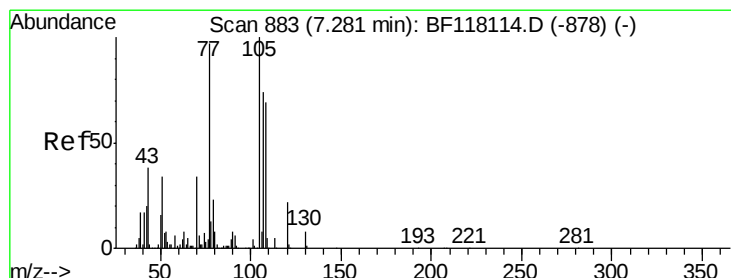
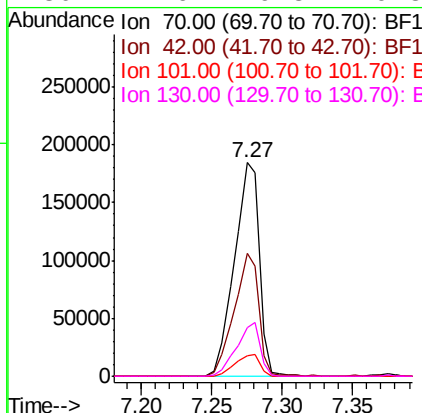
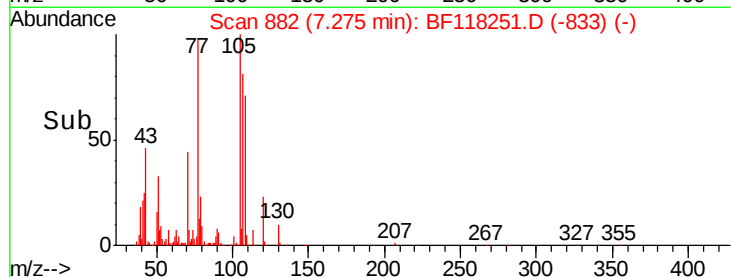
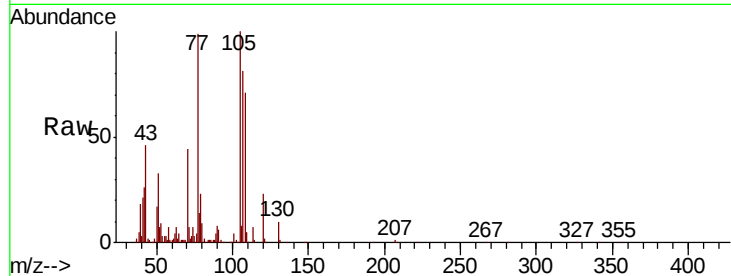
#19
n-Nitroso-di-n-propylamine
Concen: 47.038 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	43.2	64.8
101	9.8	8.1	12.1
130	22.6	19.8	29.8

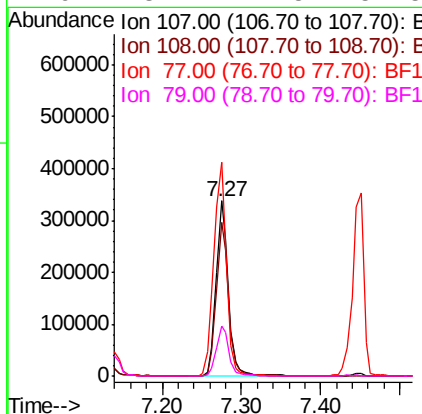
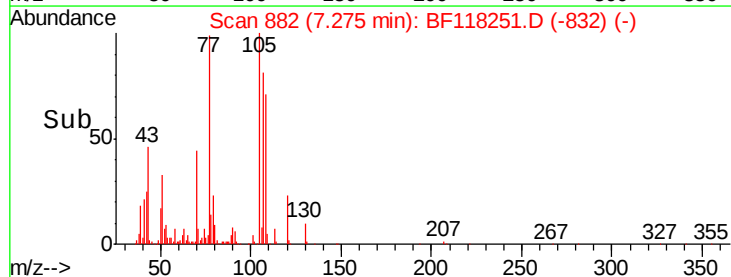
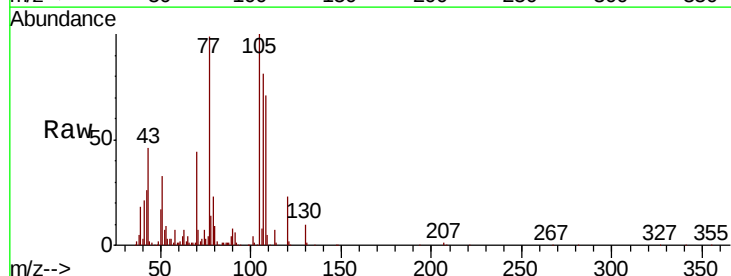
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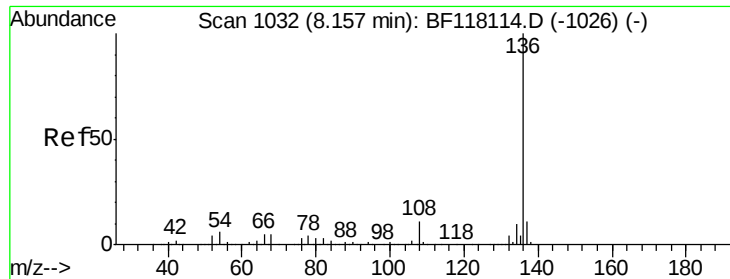
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#20
3+4-Methylphenols
Concen: 48.215 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.2	113.2
77	121.9	110.9	150.9
79	28.7	11.5	51.5





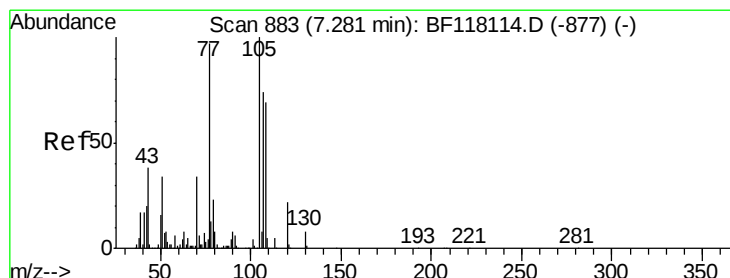
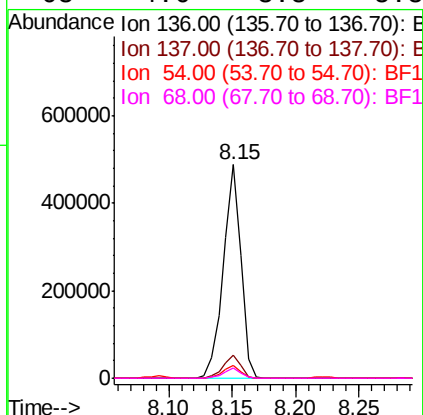
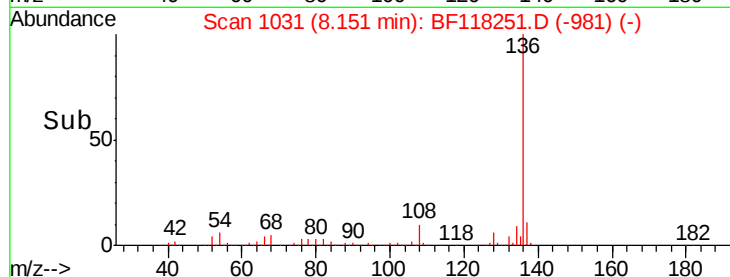
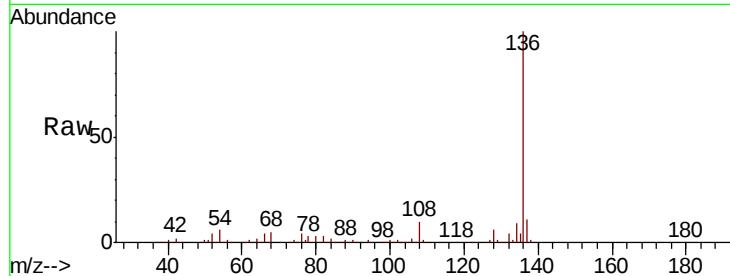
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		474112		
137	10.9		9.0	13.6	
54	6.1		5.0	7.6	
68	4.6		3.8	5.8	

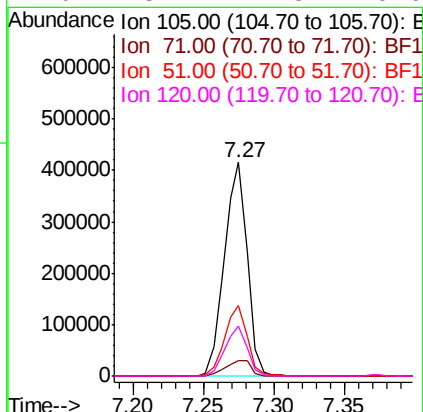
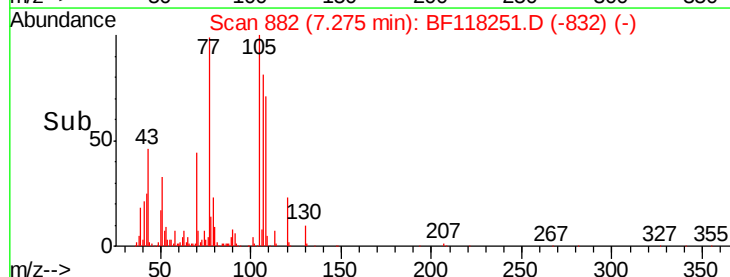
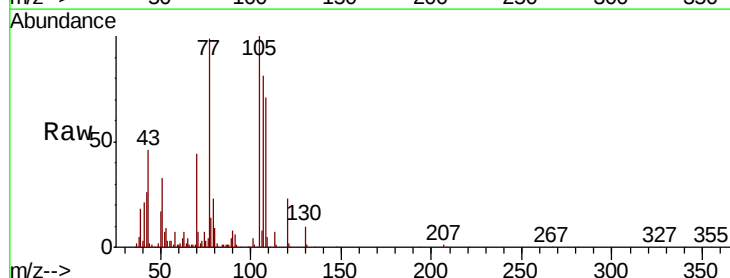
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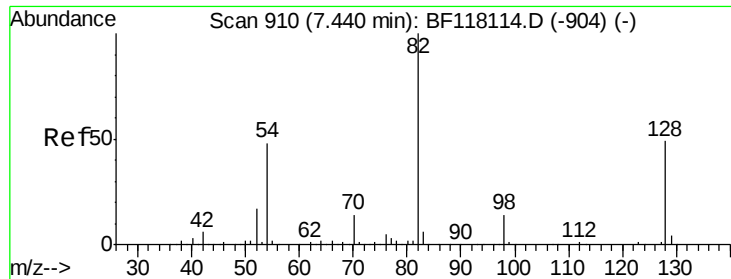
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#22
Acetophenone
Concen: 40.953 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		466471		
71	7.4		4.7	7.1#	
51	33.1		27.1	40.7	
120	23.2		17.8	26.6	





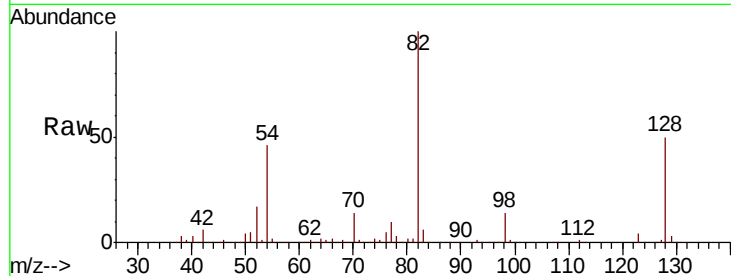
#23
Nitrobenzene-d5
Concen: 77.296 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

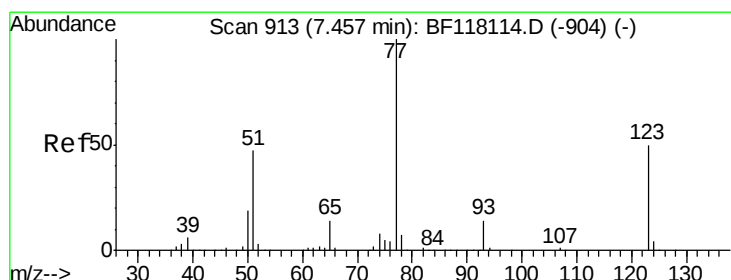
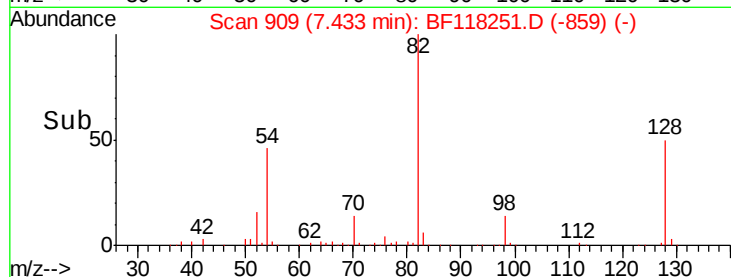
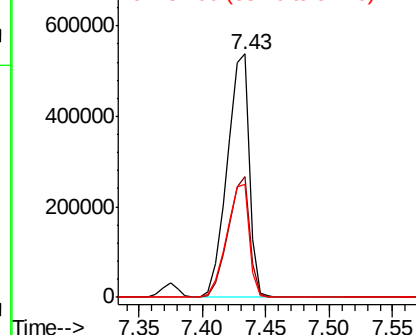
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	39.1	58.7
54	46.2	38.2	57.2

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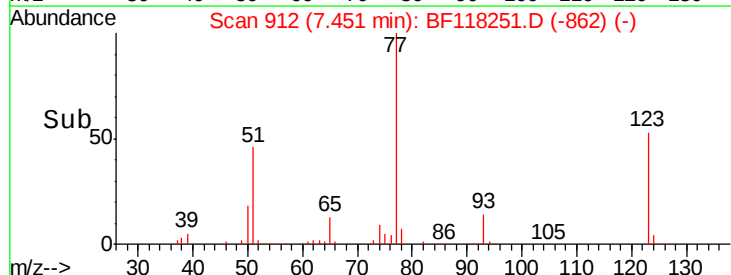
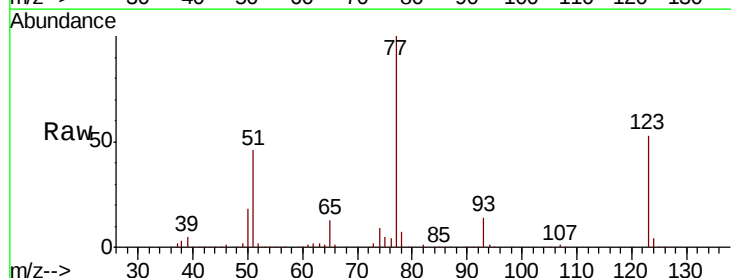
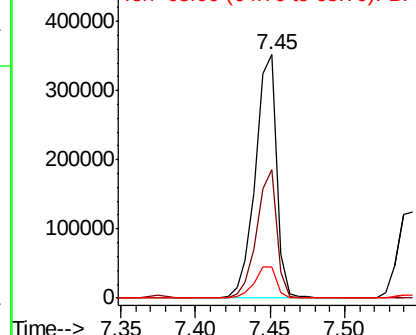
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

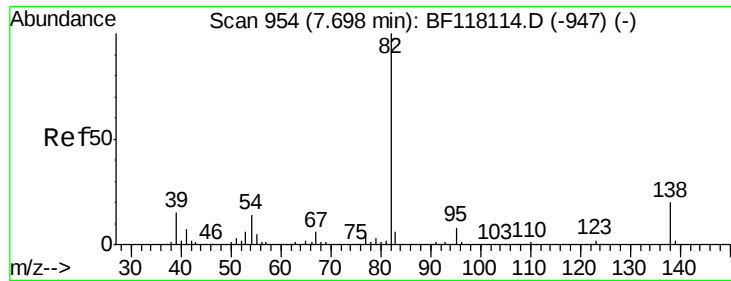


#24
Nitrobenzene
Concen: 41.653 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	40.1	60.1
65	13.0	10.9	16.3

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





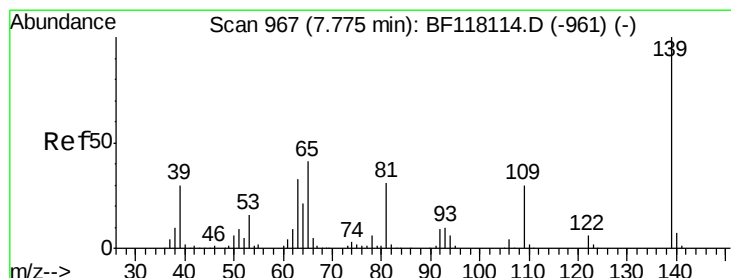
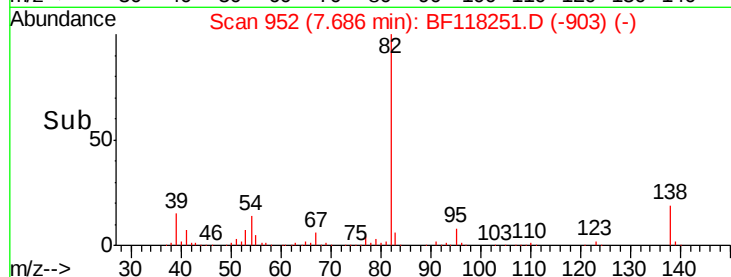
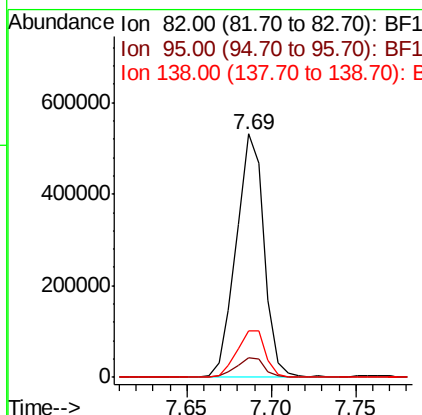
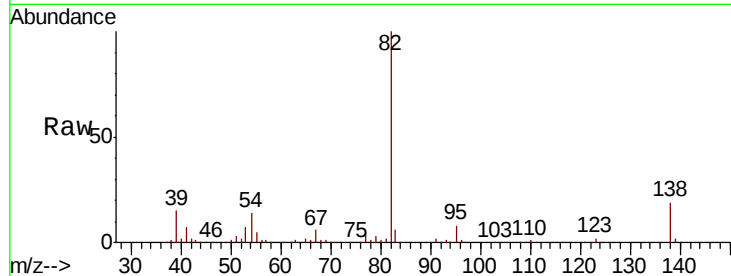
#25
Isophorone
Concen: 42.873 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	612500		
95	8.1		6.3	9.5
138	19.0		16.3	24.5

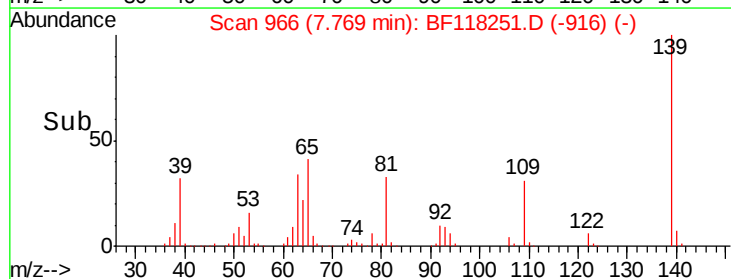
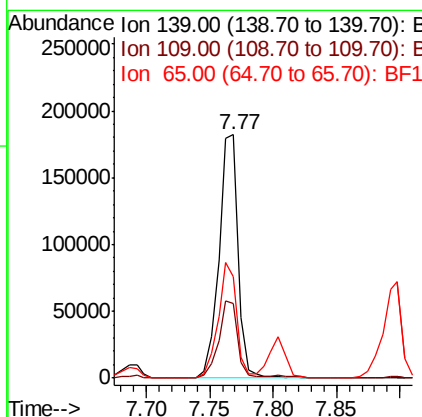
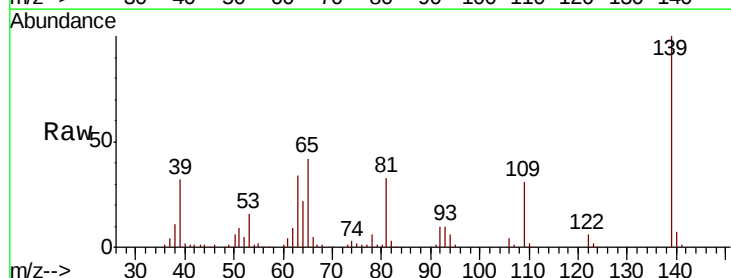
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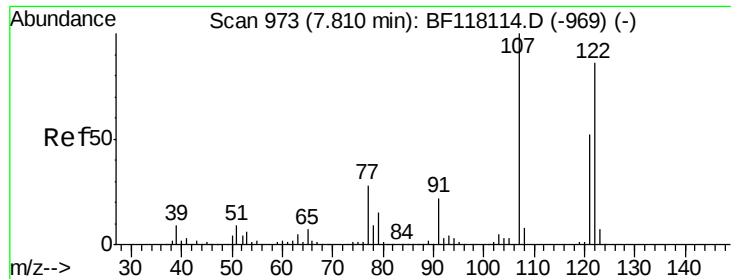
mohammad
12/19/2019 11:16:37 AM



#26
2-Nitrophenol
Concen: 43.699 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	193392		
109	30.7		23.9	35.9
65	41.5		33.0	49.6





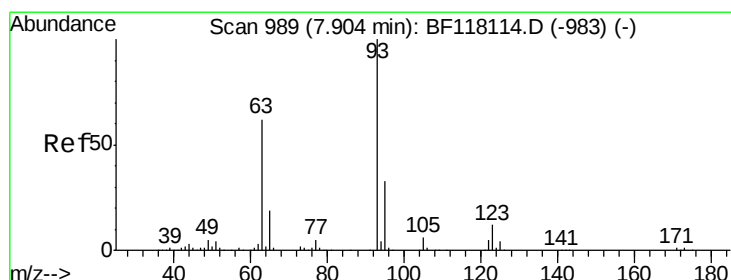
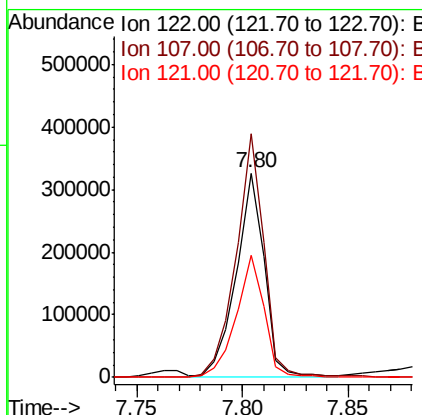
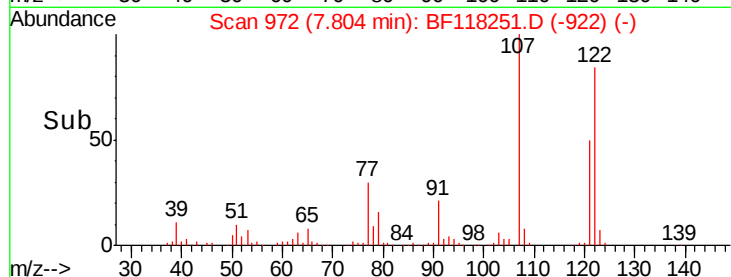
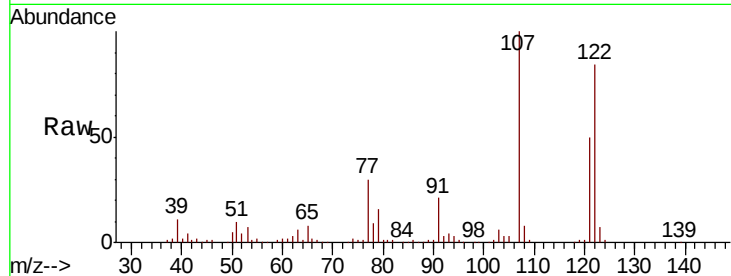
#27
2,4-Dimethylphenol
Concen: 51.126 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	301803		
107	119.1	92.9	139.3	
121	59.5	48.3	72.5	

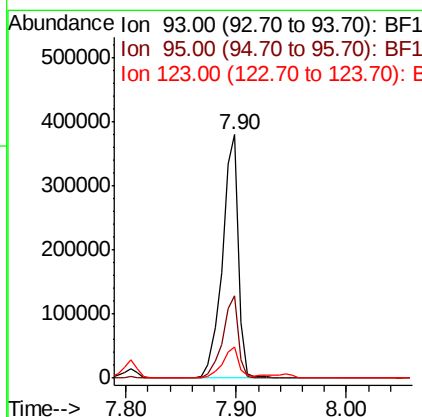
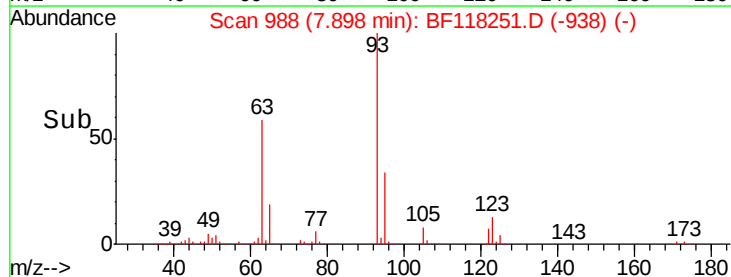
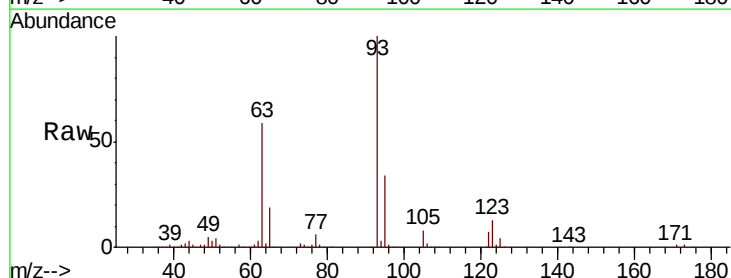
Manual Integrations
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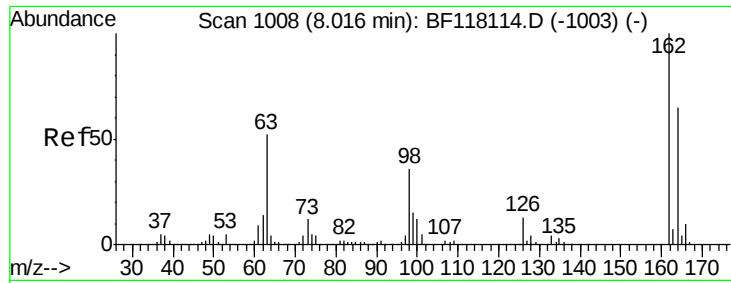
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.218 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	384776		
95	33.8	26.7	40.1	
123	13.0	10.0	15.0	





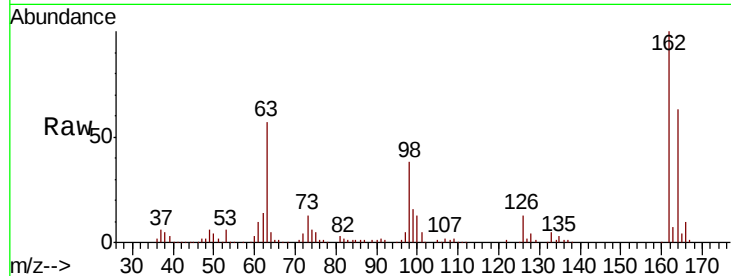
#29
2,4-Dichlorophenol
Concen: 42.789 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	294464		
164	63.4	45.2	85.2	
98	38.3	15.9	55.9	

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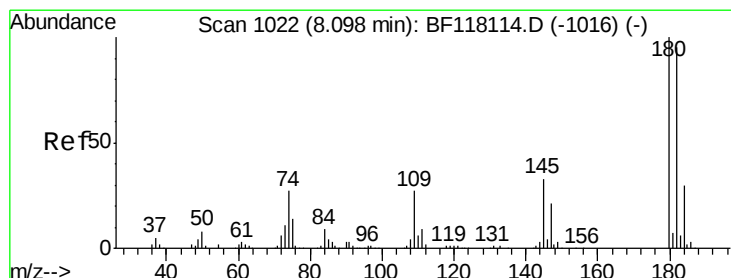
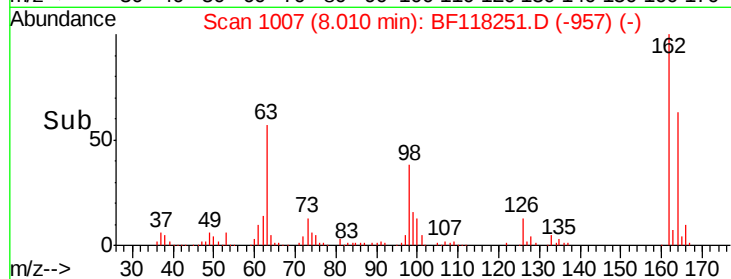
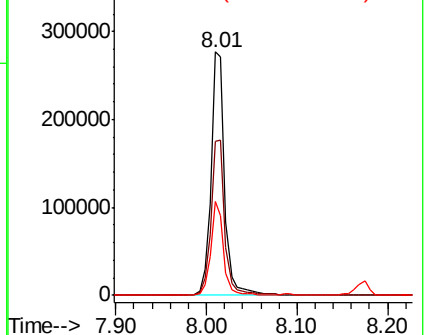


Abundance

Ion 162.00 (161.70 to 162.70): E

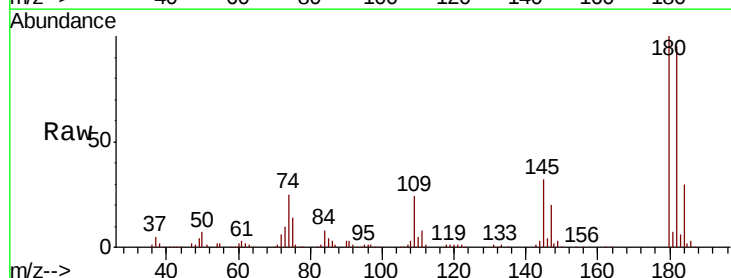
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.548 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	326100		
182	95.1	76.1	114.1	
145	32.1	26.1	39.1	

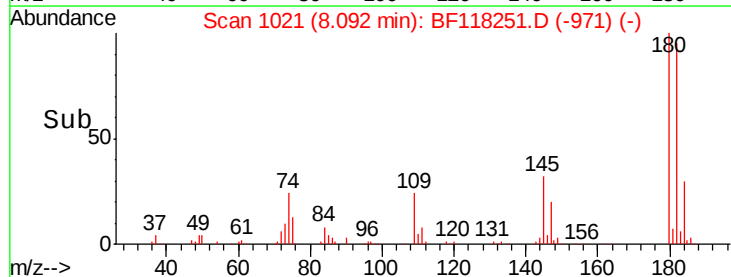
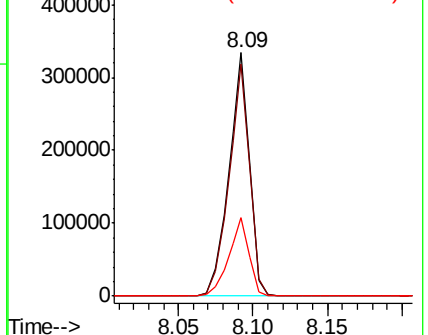


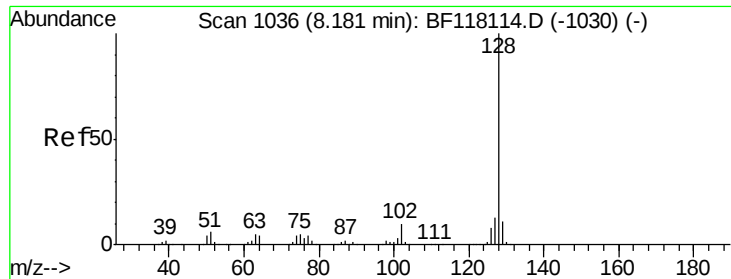
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





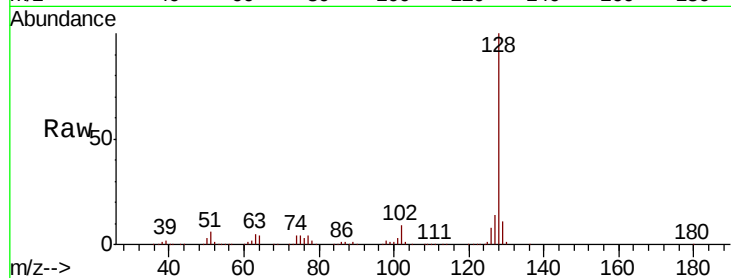
#31
Naphthalene
Concen: 42.717 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.8	10.6	16.0

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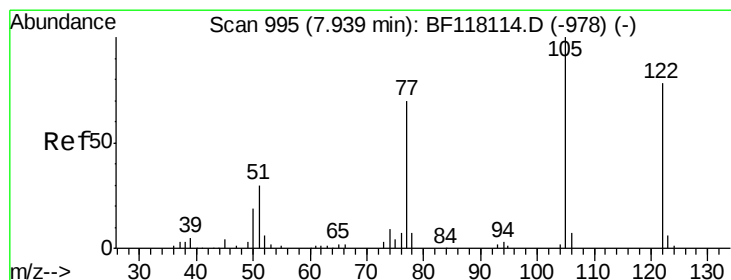
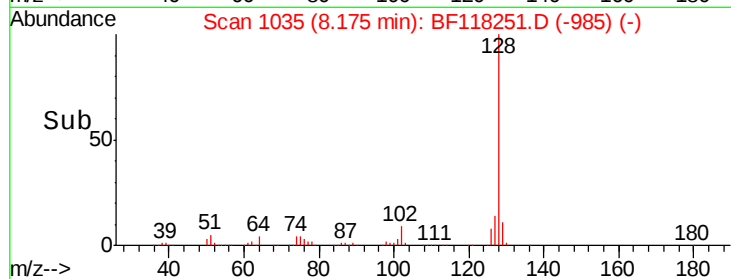
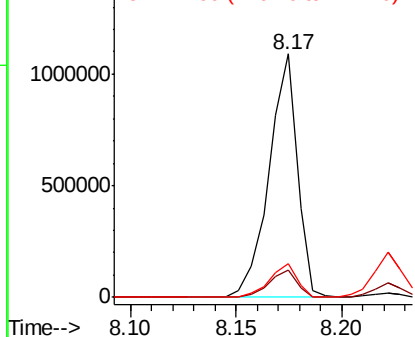


Abundance

Ion 128.00 (127.70 to 128.70): E

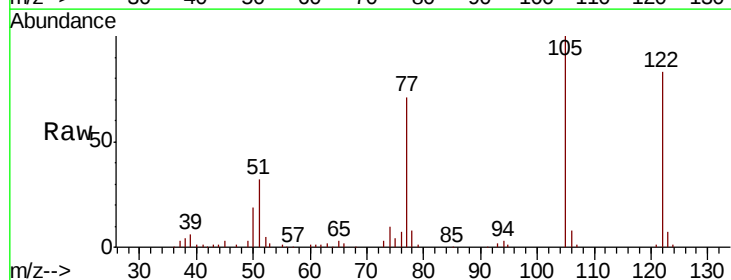
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.866 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	104.7	144.7
77	86.1	69.1	109.1

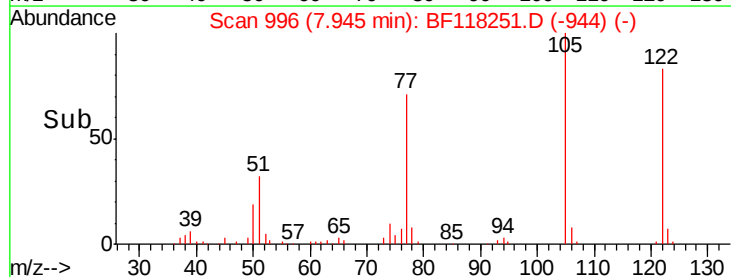
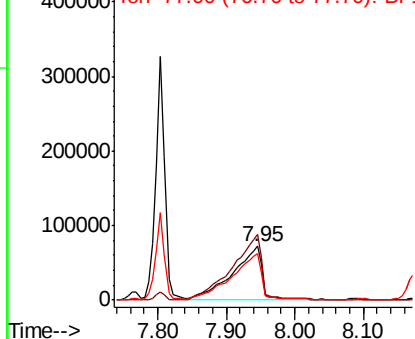


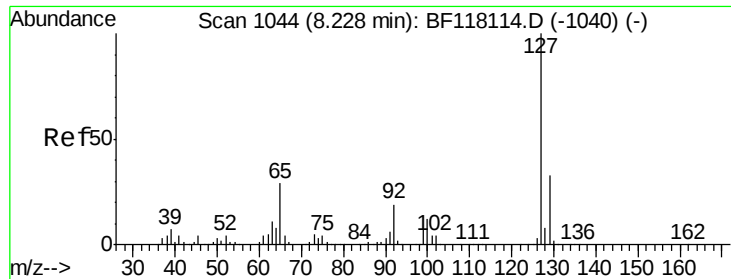
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





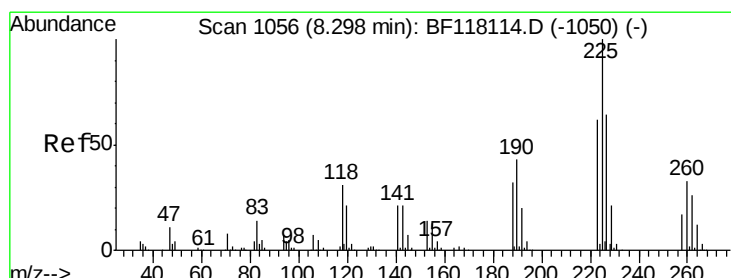
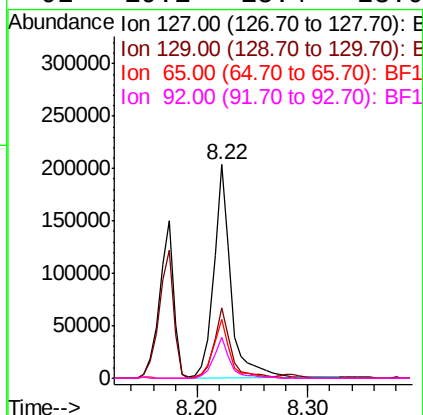
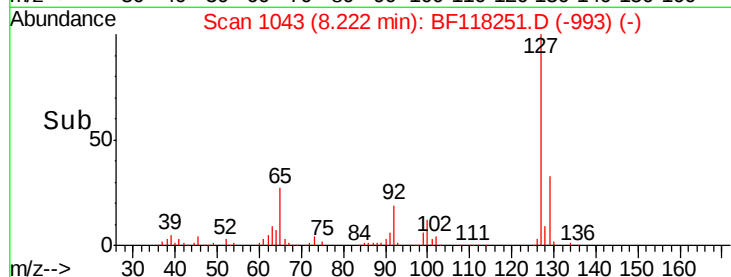
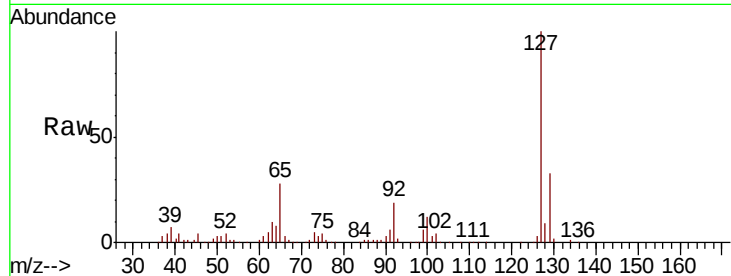
#33
4-Chloroaniline
Concen: 20.813 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	40.0		
65	27.7	23.2	34.8		
92	19.1	15.4	23.0		

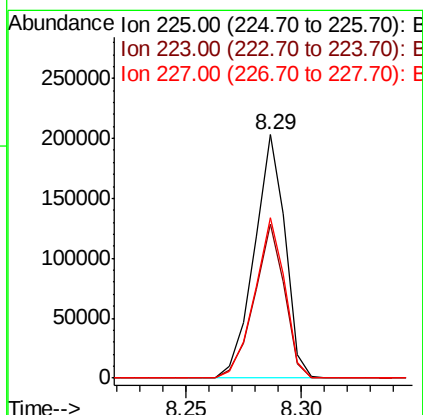
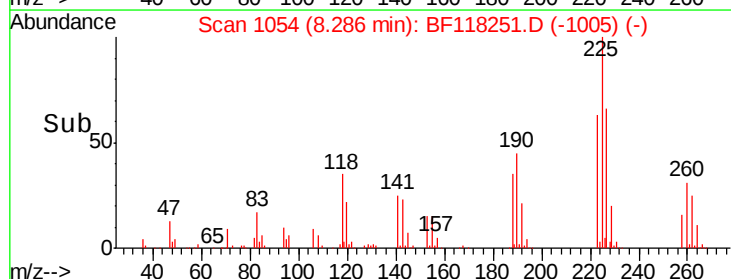
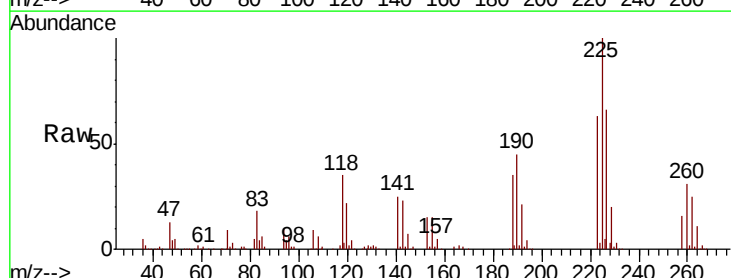
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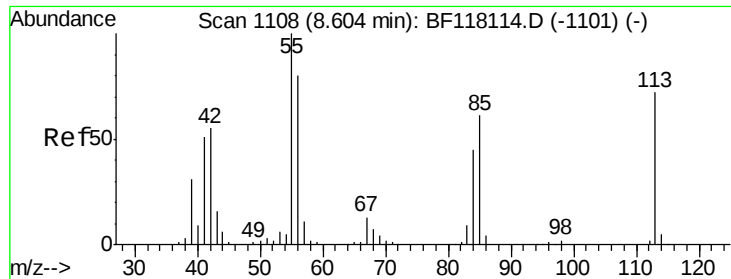
mohammad
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#34
Hexachlorobutadiene
Concen: 39.336 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	49.6	74.4		
227	65.7	51.0	76.6		





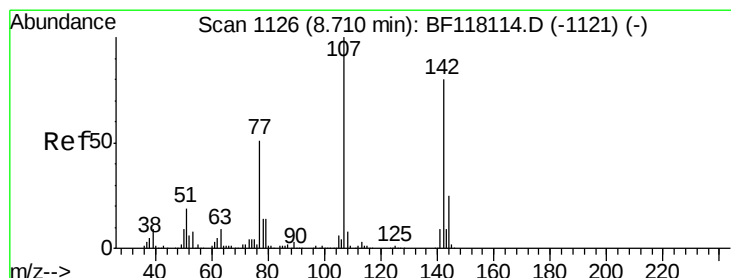
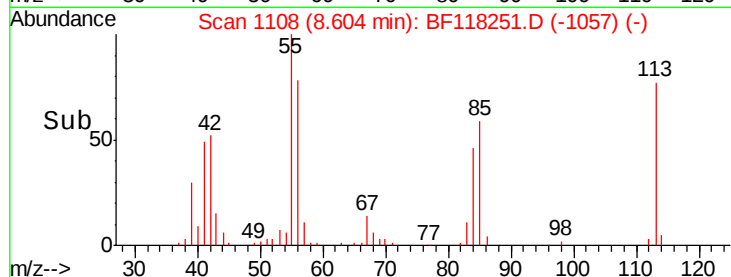
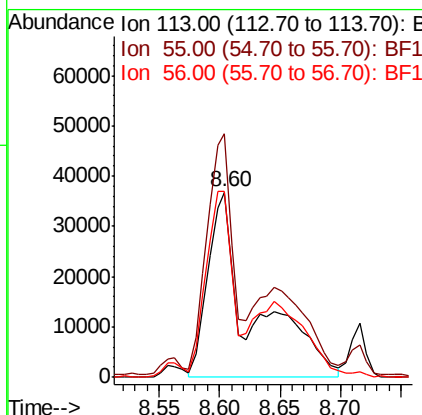
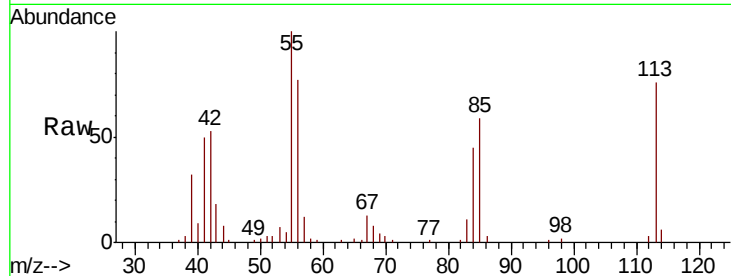
#35
Caprolactam
Concen: 43.928 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	131.8	118.9	158.9	
56	101.0	91.4	131.4	

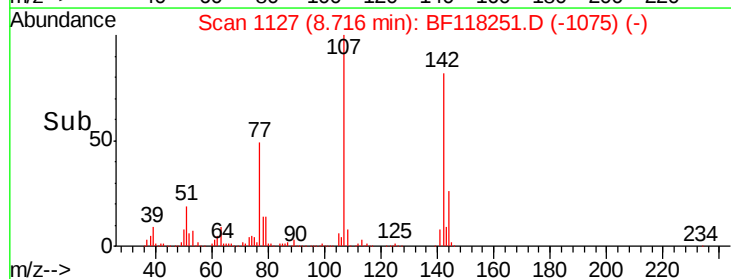
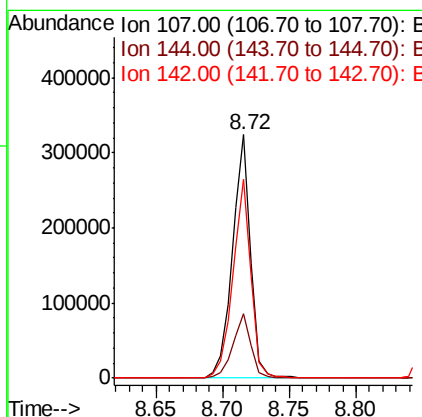
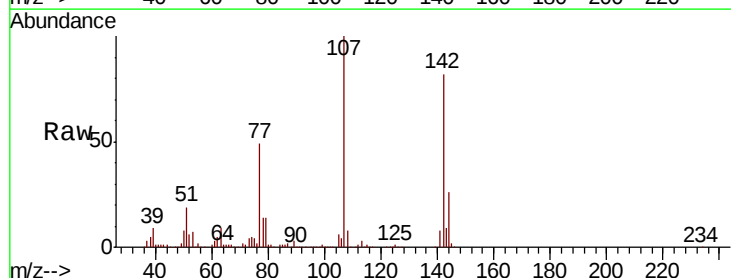
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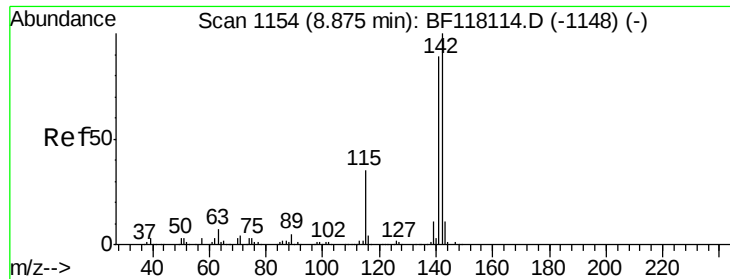
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.984 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.3	20.3	30.5	
142	81.6	63.7	95.5	





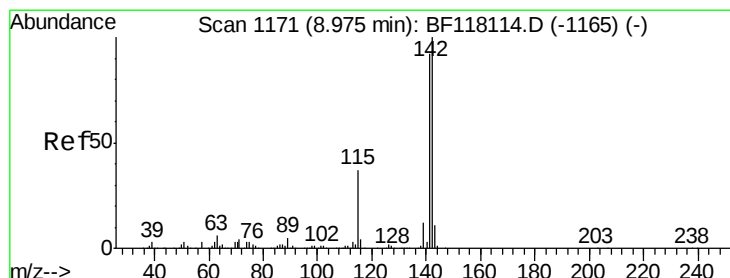
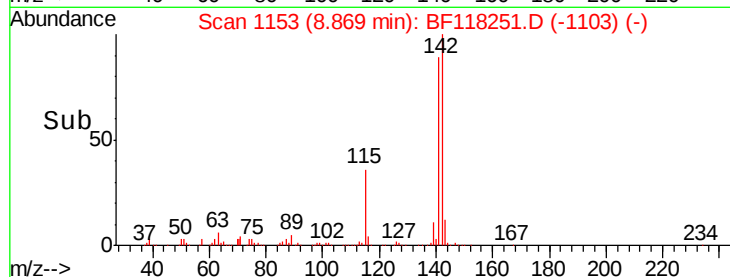
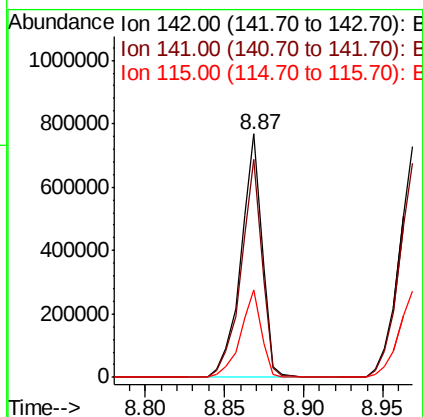
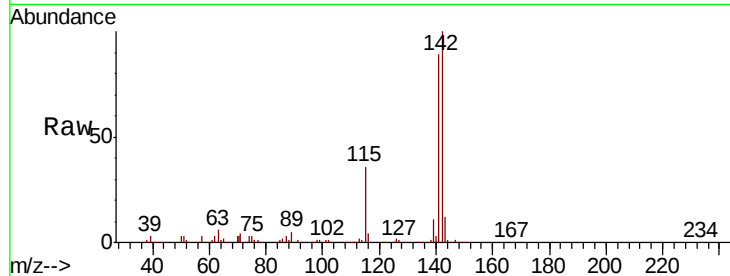
#37
2-Methylnaphthalene
Concen: 44.032 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0
115	36.0	28.2	42.4

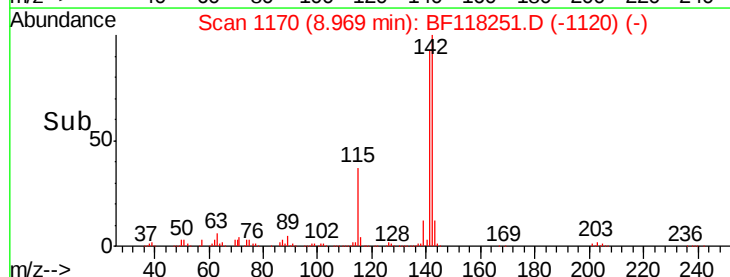
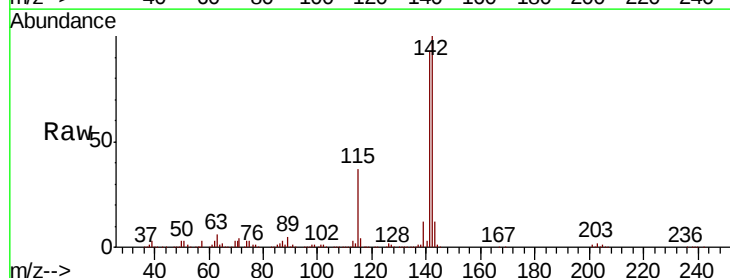
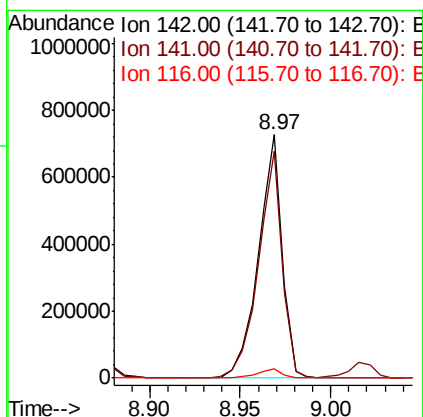
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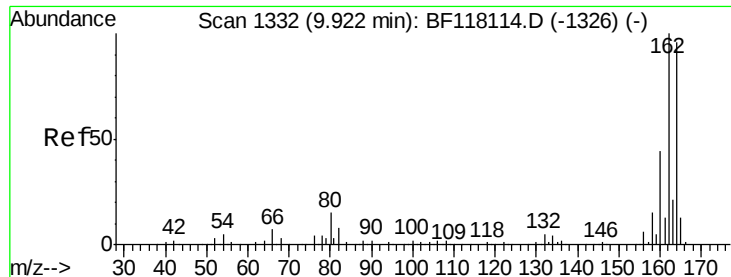
mohammad
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#38
1-Methylnaphthalene
Concen: 43.445 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.0	111.0
116	3.8	3.2	4.8





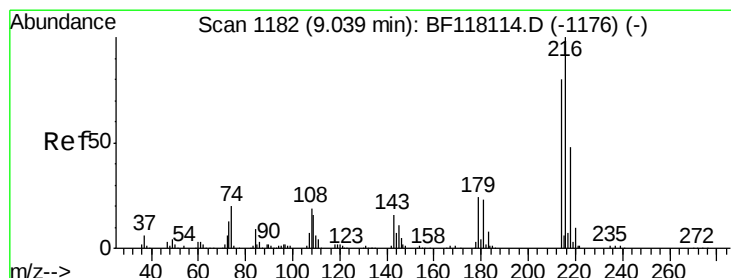
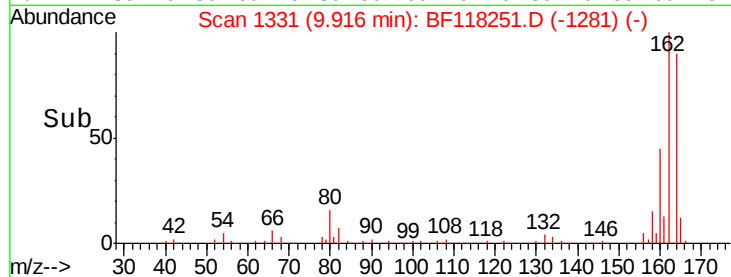
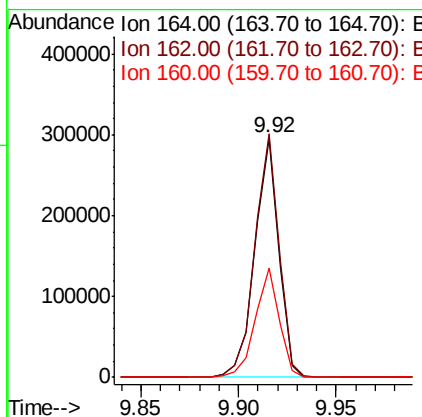
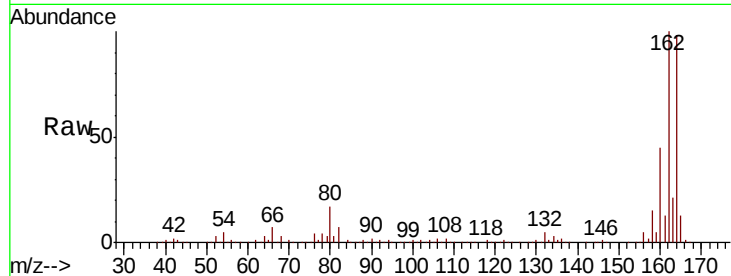
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.4	125.0
160	45.9	36.6	54.8

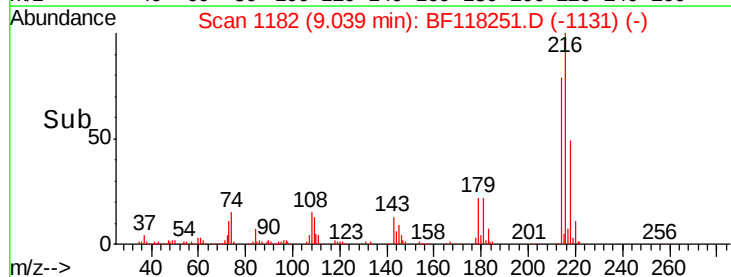
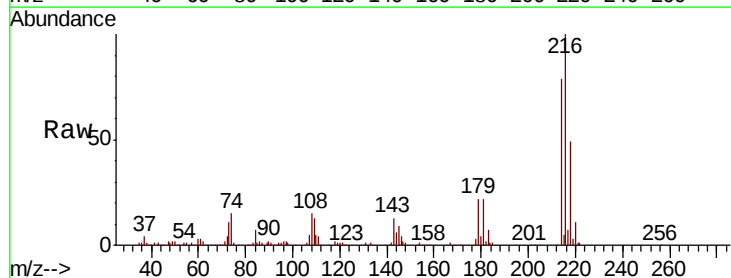
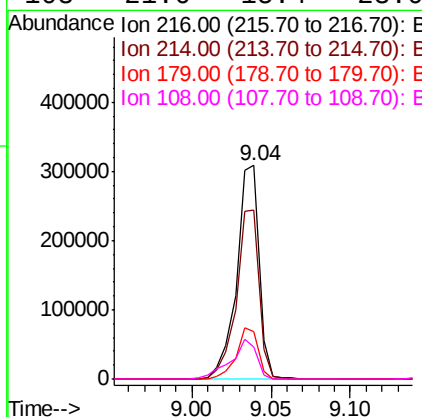
Manual Integrations
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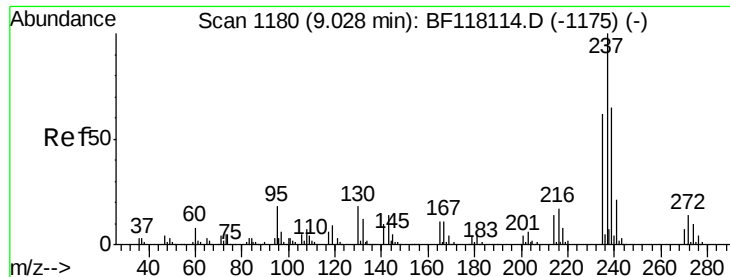
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.889 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	23.5	18.6	27.8
108	21.6	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 100.493 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

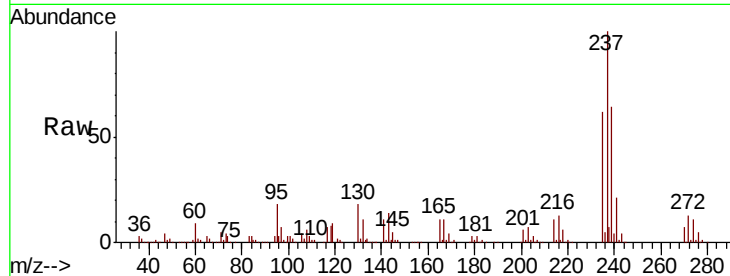
ClientSampleId :

PB125529BS

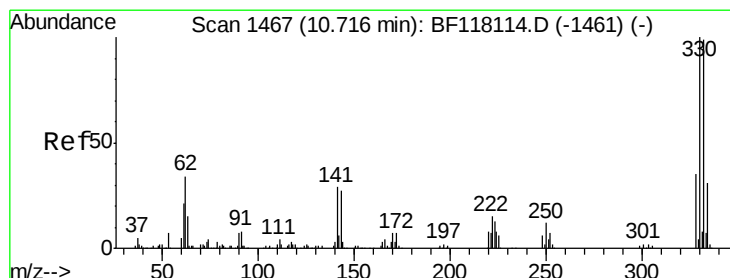
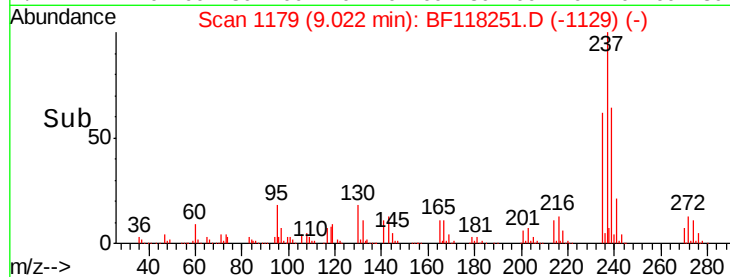
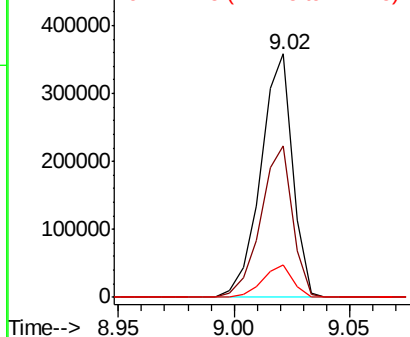
Tot Ion:	237	Resp:	343355
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.5	81.5
272	13.1	0.0	33.7

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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: 116.267 ng

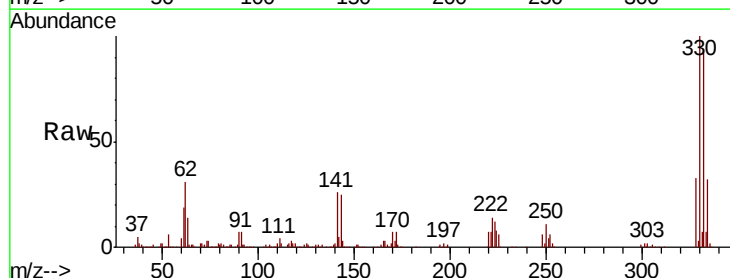
RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

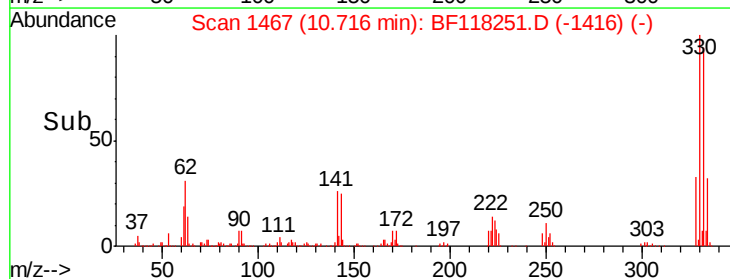
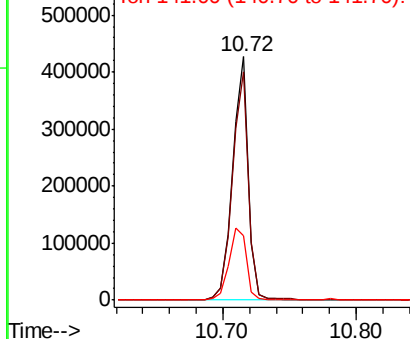
Lab File: BF118251.D

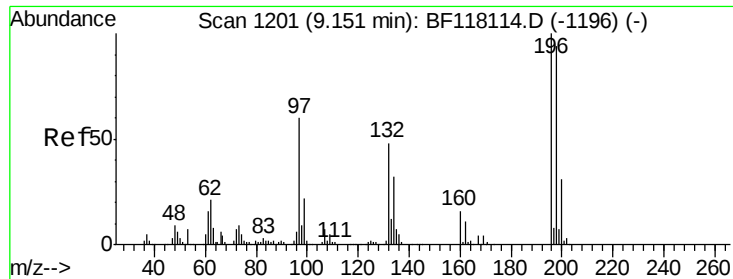
Acq: 18 Dec 2019 11:12

Tgt Ion:	330	Resp:	355550
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.1	117.1
141	33.2	26.9	40.3



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





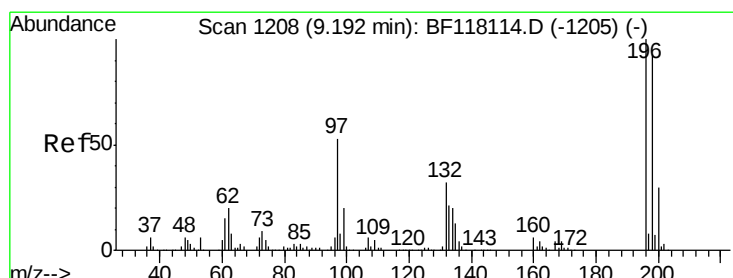
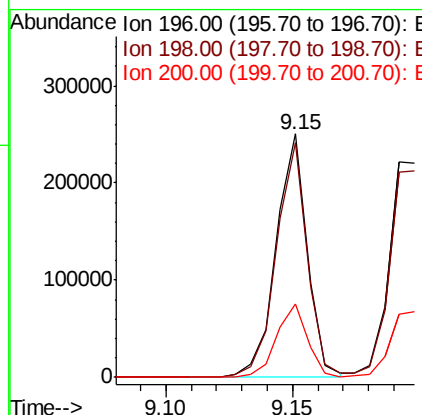
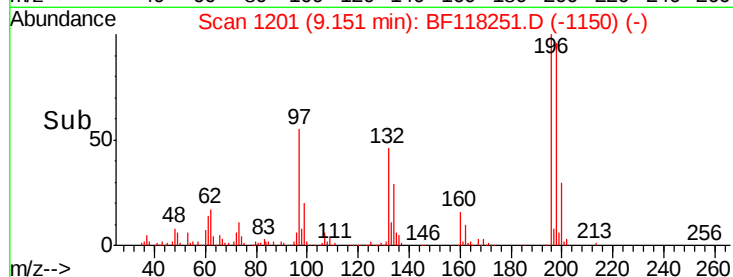
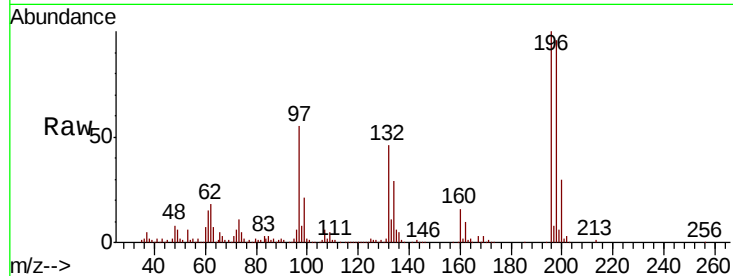
#43
 2,4,6-Trichlorophenol
 Concen: 41.821 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212937		
198	96.3	75.0	112.4	
200	30.4	24.5	36.7	

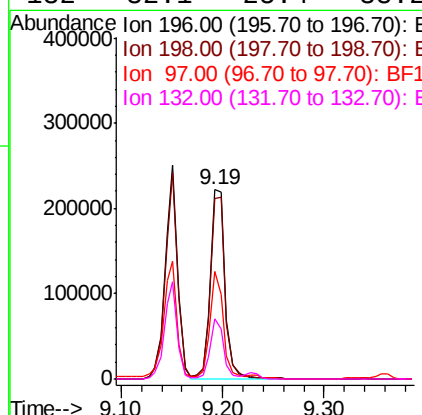
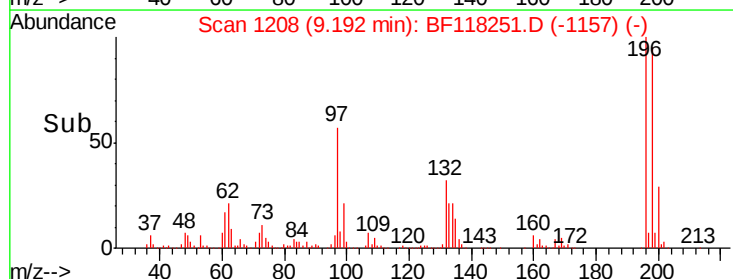
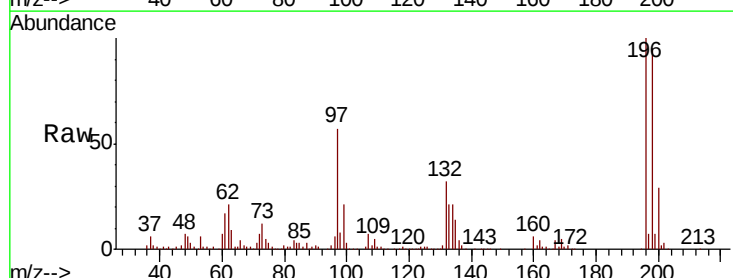
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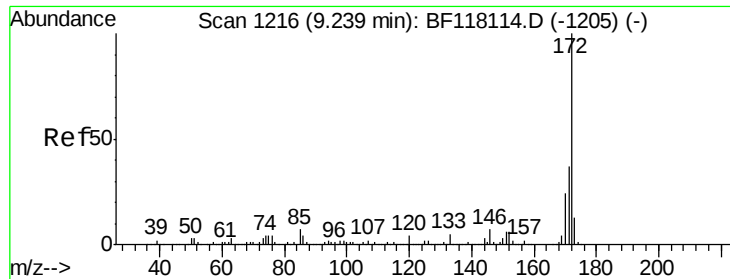
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.874 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226166		
198	95.5	74.2	111.4	
97	56.5	42.5	63.7	
132	32.1	25.4	38.2	





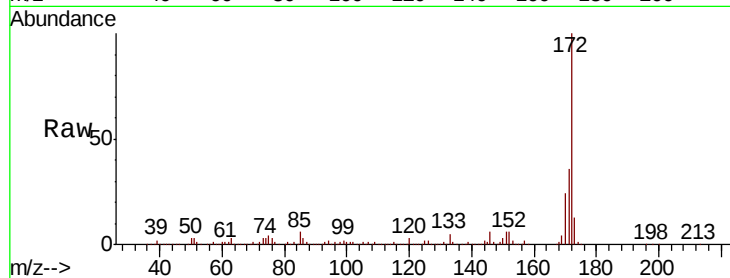
#45
2-Fluorobiphenyl
Concen: 81.209 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.8	19.4	29.2

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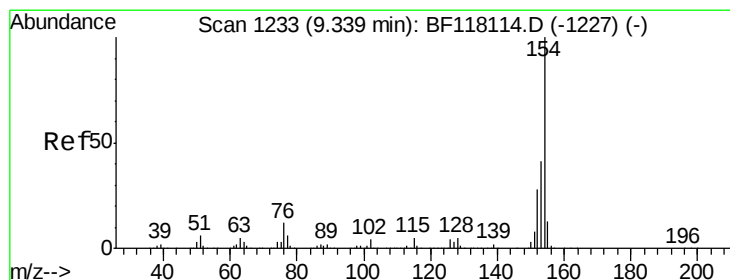
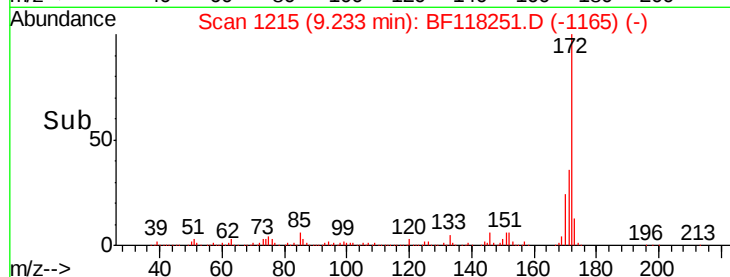
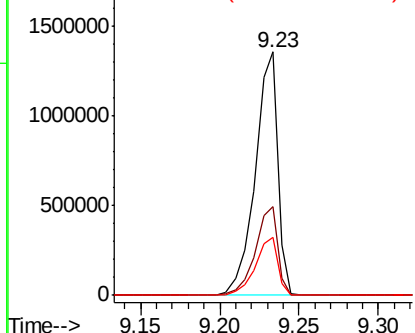


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.430 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

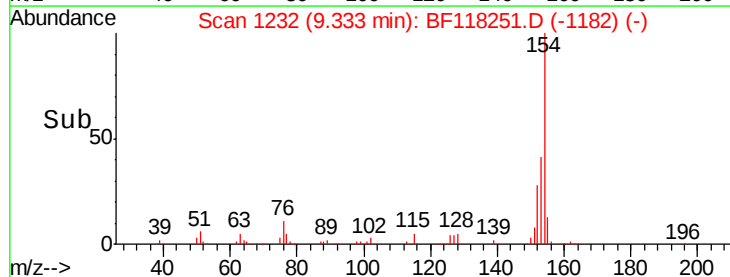
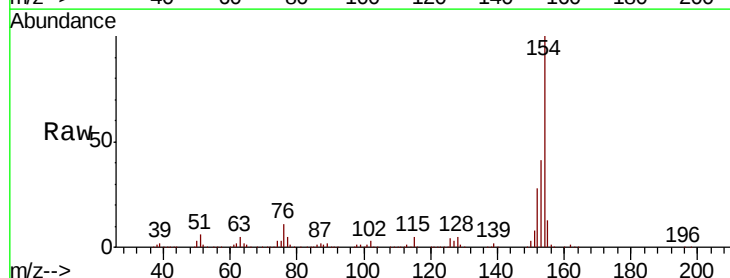
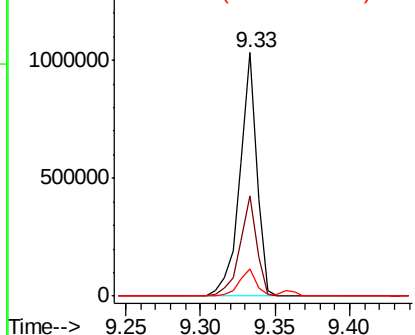
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	11.4	0.0	31.9

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





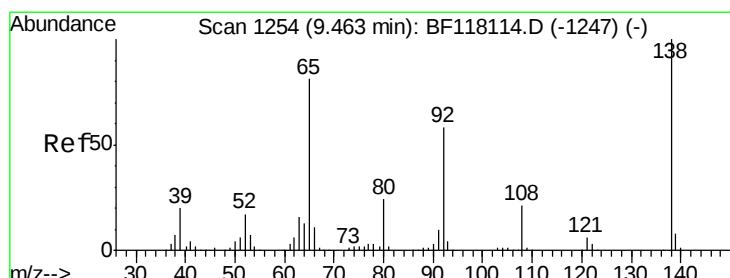
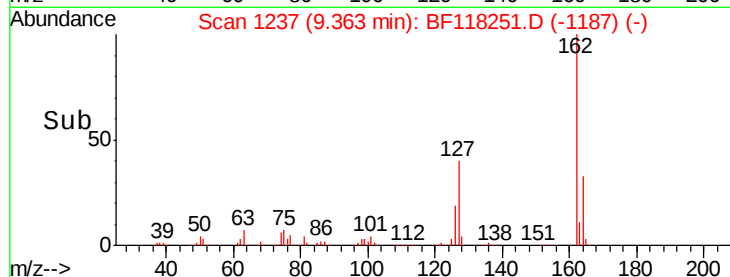
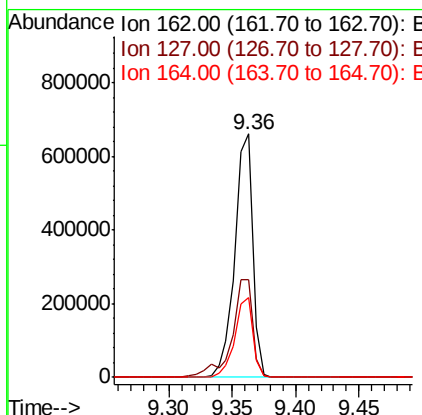
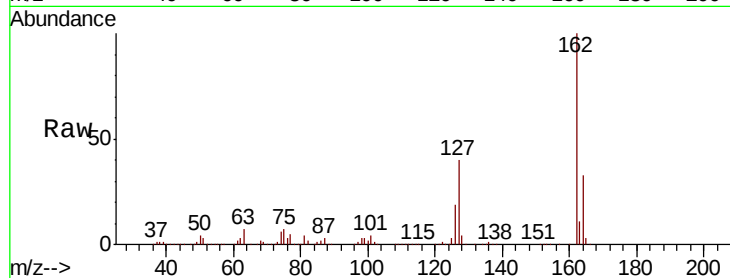
#47
2-Chloronaphthalene
Concen: 40.306 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.2	32.0	48.0
164	32.6	26.1	39.1

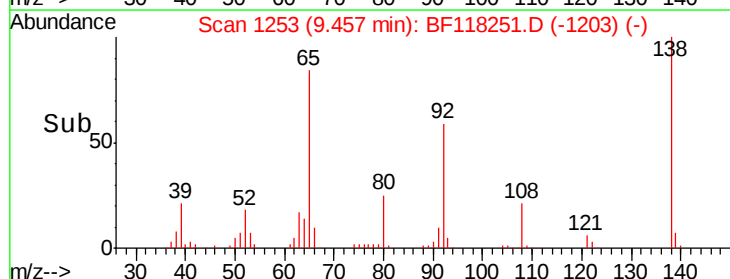
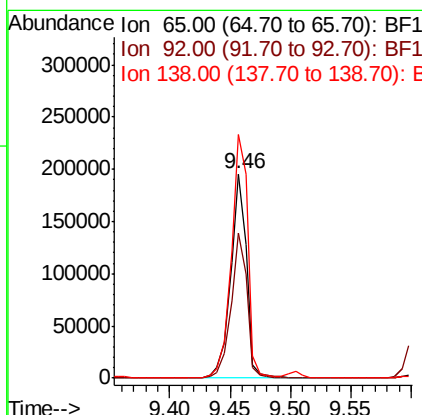
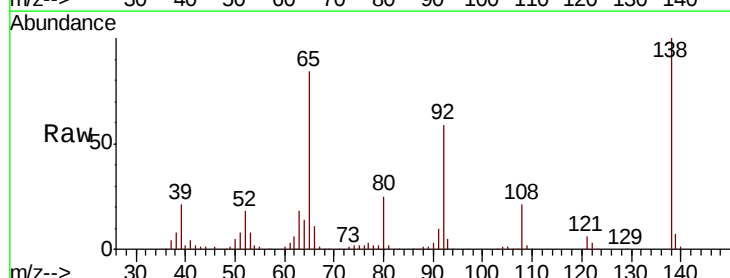
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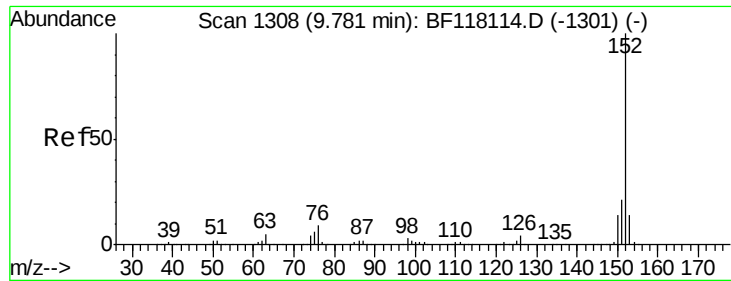
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#48
2-Nitroaniline
Concen: 39.233 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.8	57.8	86.6
138	119.2	98.8	148.2





#49

Acenaphthylene

Concen: 43.330 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

ClientSampleId :

PB125529BS

Tot Ion:152 Resp: 1020653

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

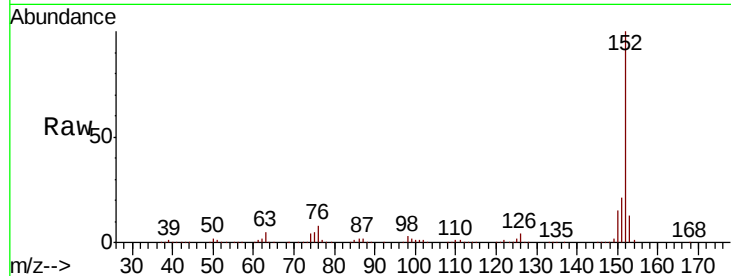
153 13.1 10.8 16.2

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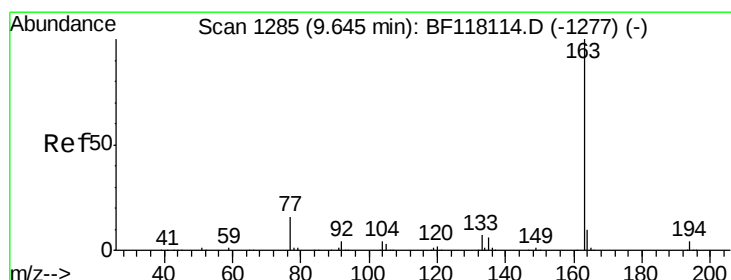
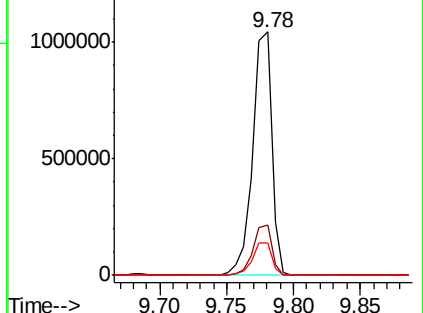
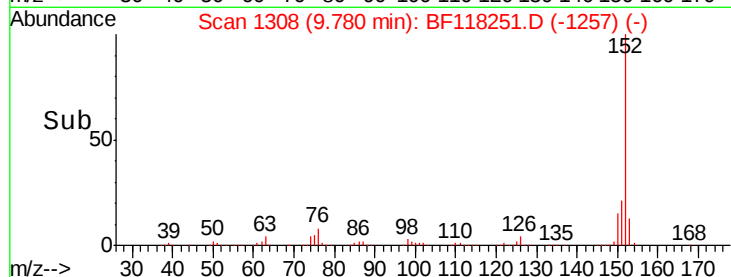
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.149 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

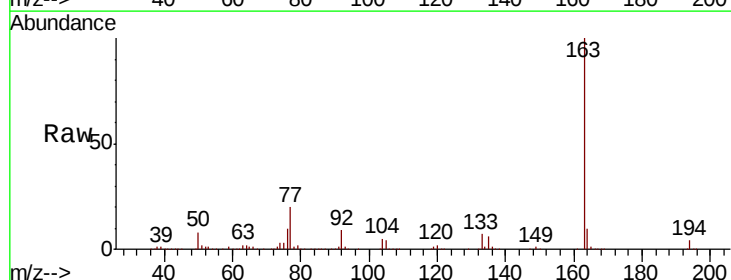
Tgt Ion:163 Resp: 765107

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

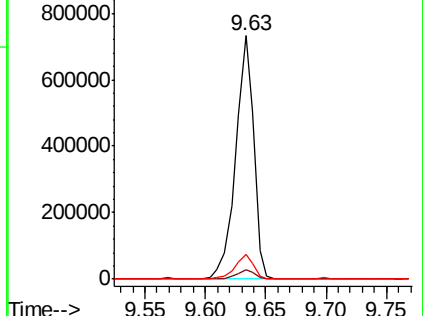
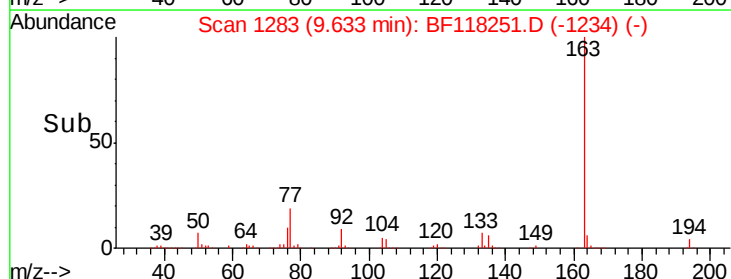
164 10.0 7.7 11.5

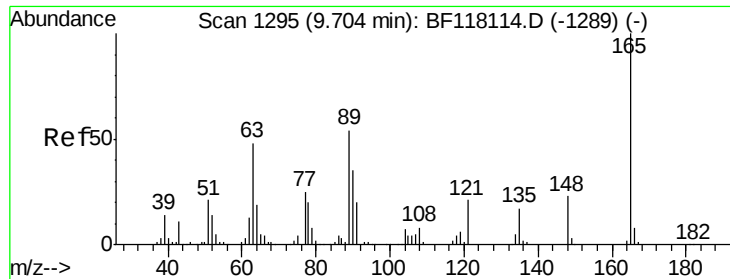


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





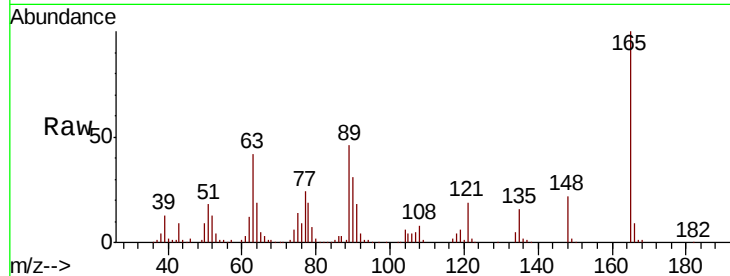
#51
2,6-Dinitrotoluene
Concen: 42.011 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

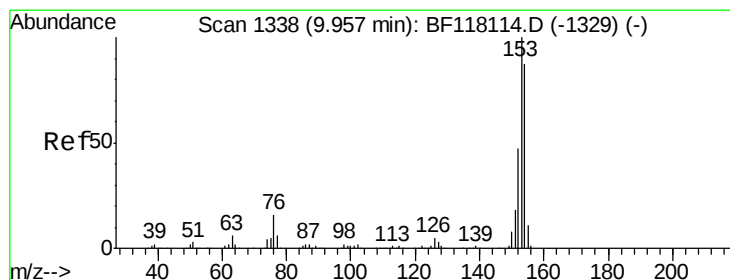
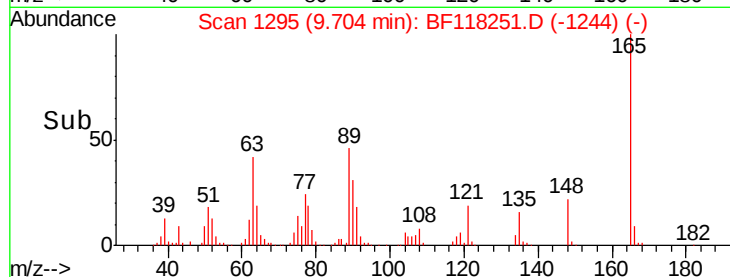
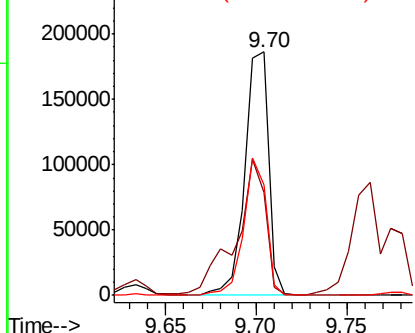
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.2	41.4	62.0
89	45.6	42.9	64.3

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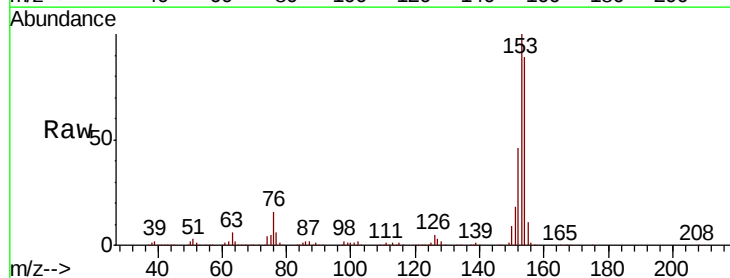


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

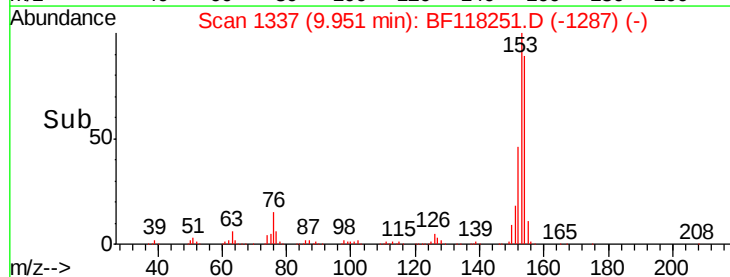
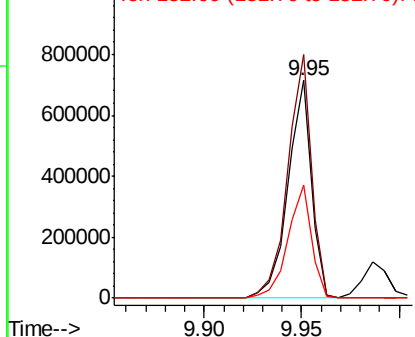


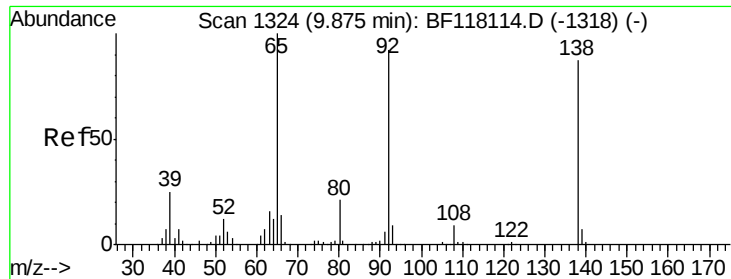
#52
Acenaphthene
Concen: 41.382 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.9	91.8	137.6
152	51.9	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





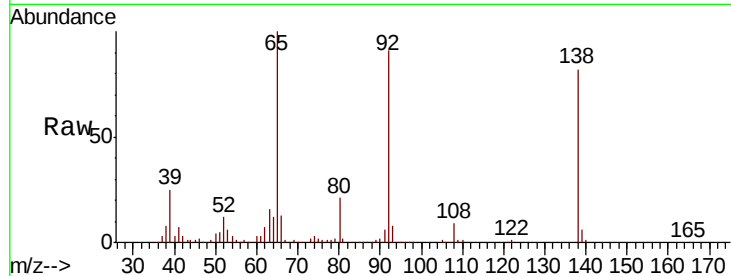
#53
3-Nitroaniline
Concen: 24.133 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

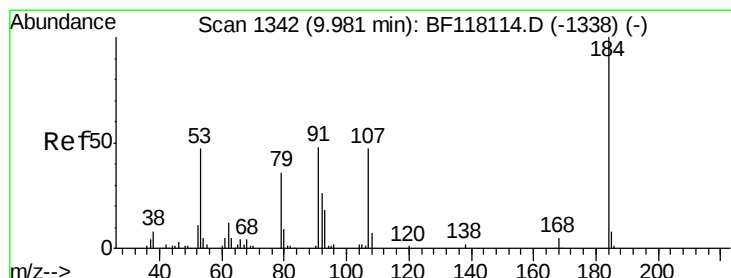
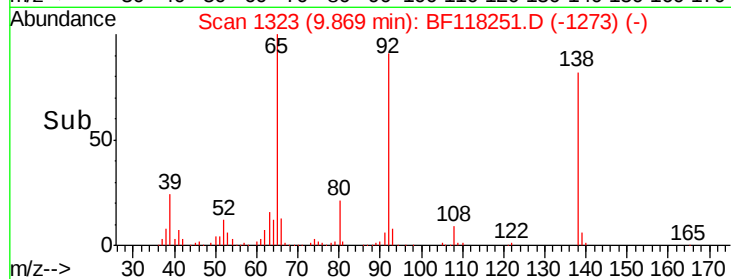
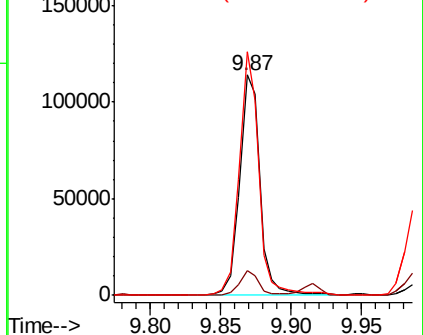
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.2	12.4
92	110.5	84.9	127.3

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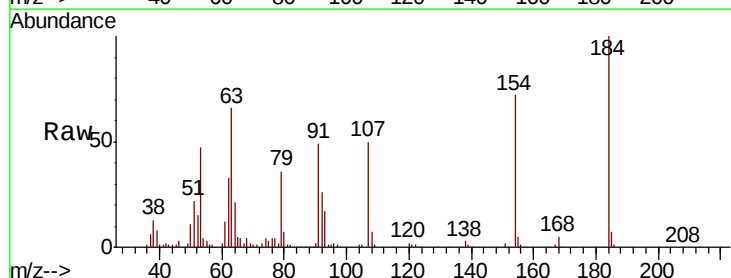


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

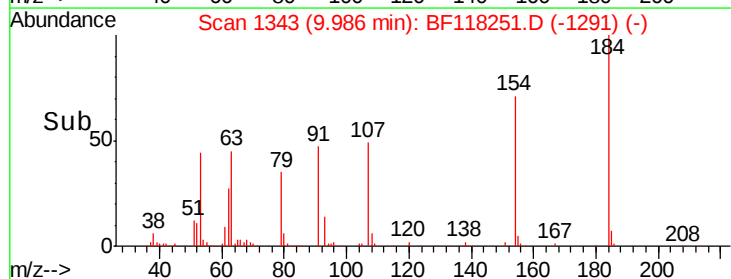
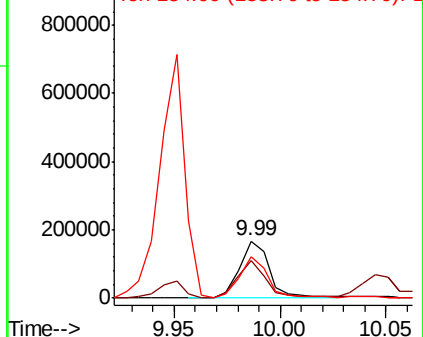


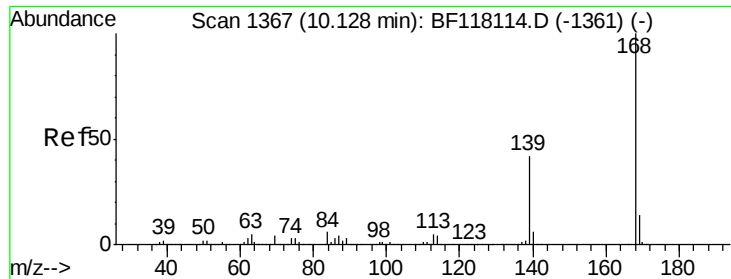
#54
2,4-Dinitrophenol
Concen: 81.862 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.0	53.9	80.9
154	71.6	56.3	84.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





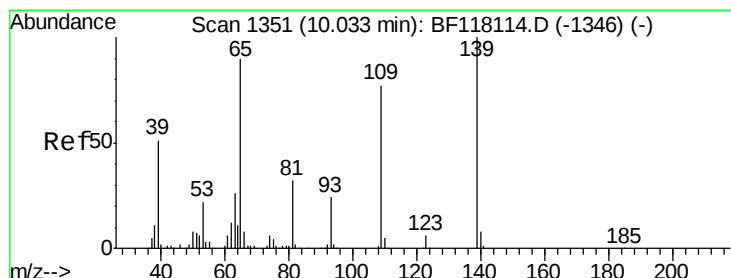
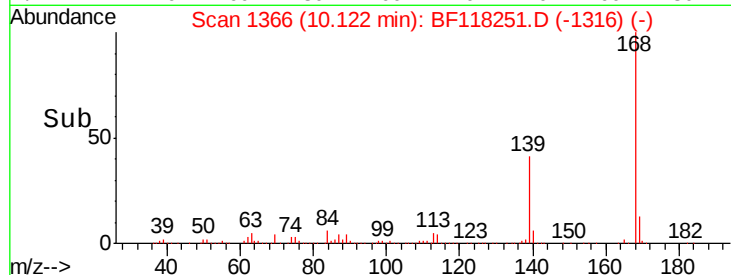
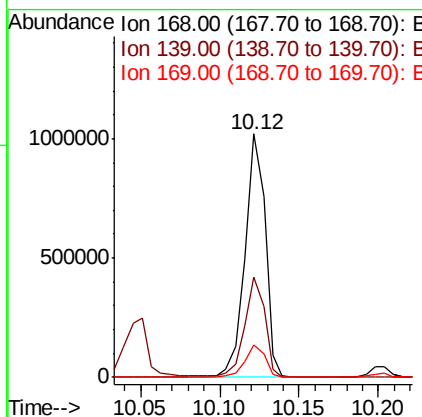
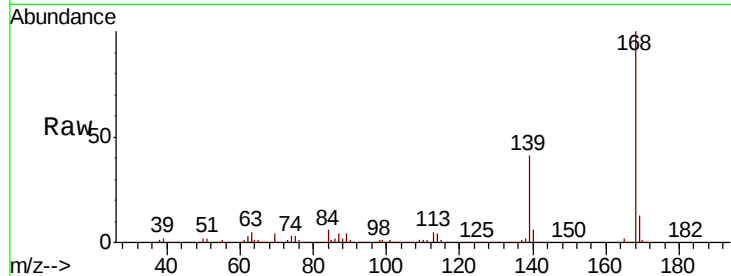
#55
Dibenzofuran
Concen: 42.830 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	902280		
139	41.0		33.4	50.0
169	13.3		11.0	16.6

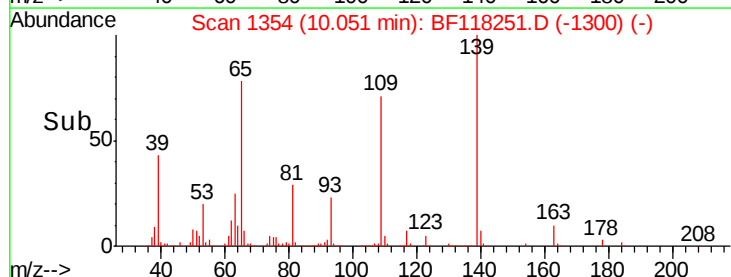
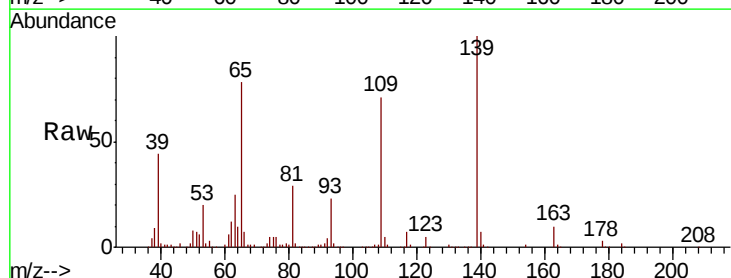
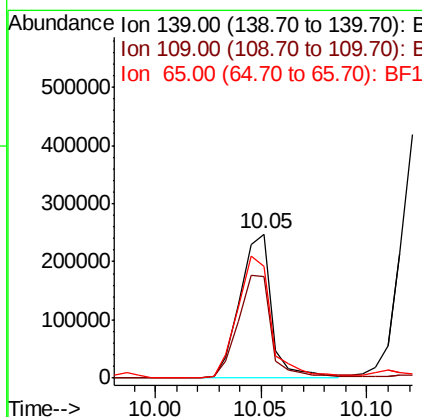
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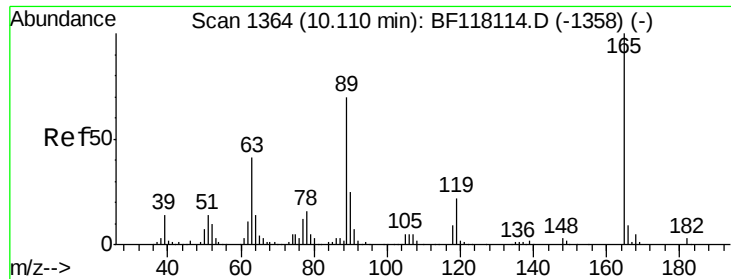
mohammad
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#56
4-Nitrophenol
Concen: 78.691 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	259842		
109	70.9		57.3	97.3
65	77.8		70.2	110.2





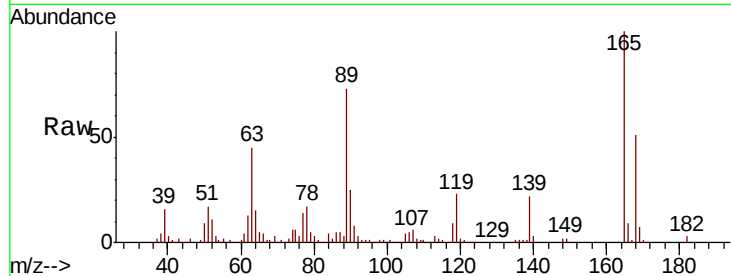
#57
2,4-Dinitrotoluene
Concen: 41.219 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222437		
63	45.2	32.6	49.0	
89	72.7	56.1	84.1	
182	2.5	2.1	3.1	

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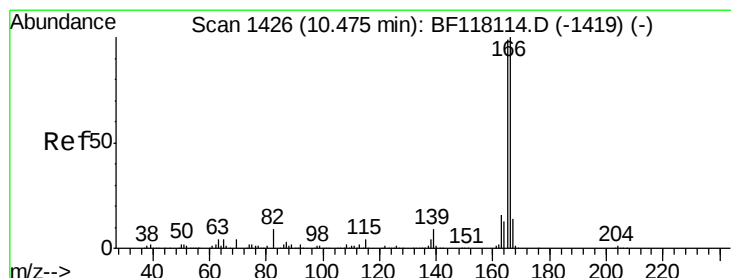
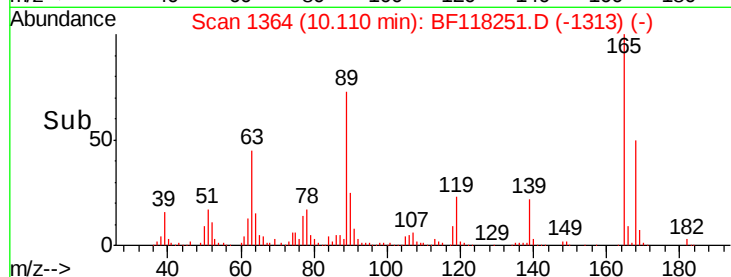
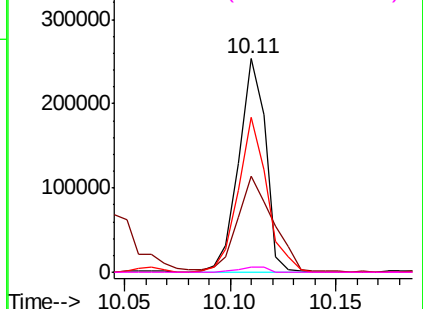
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

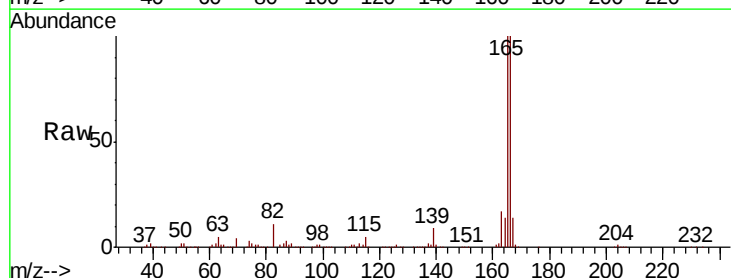
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.503 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	711568		
165	99.9	79.0	118.4	
167	13.6	10.9	16.3	

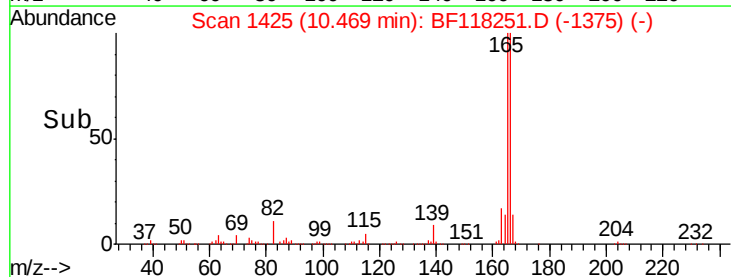
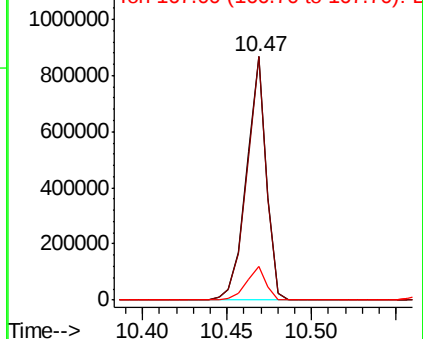


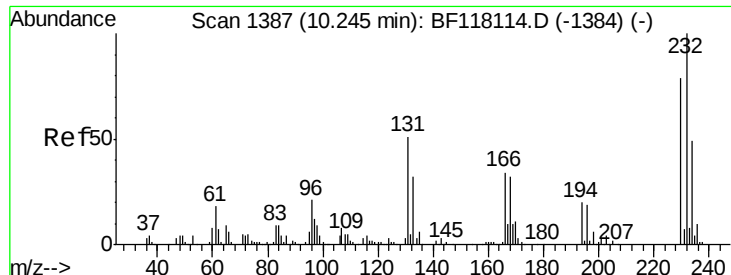
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





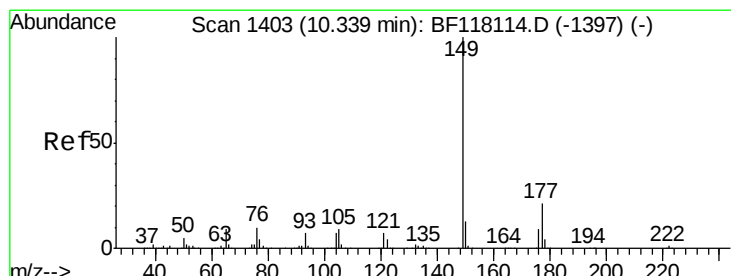
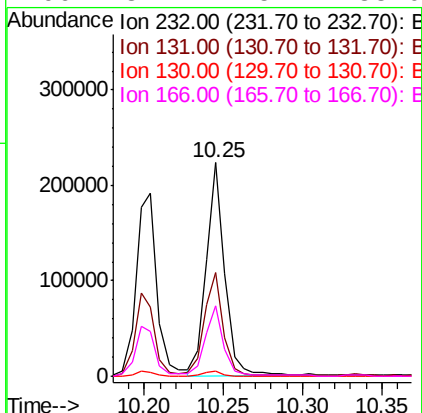
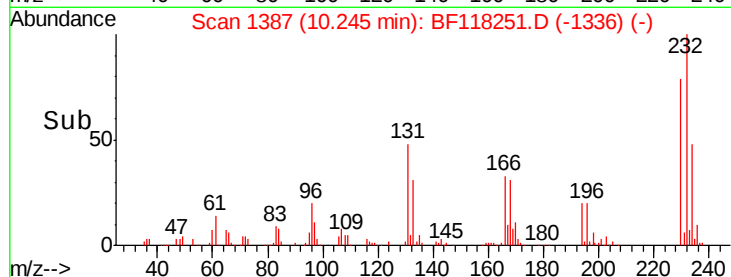
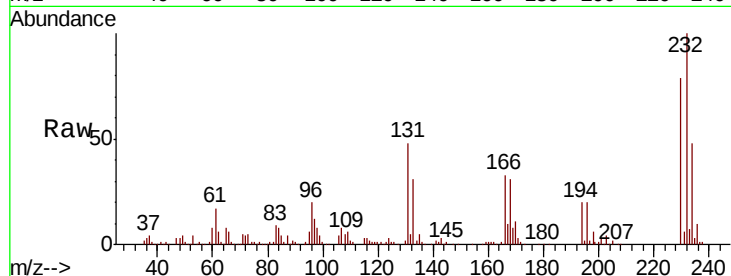
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.096 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.4	38.8	58.2
130	2.6	1.9	2.9
166	32.4	25.4	38.0

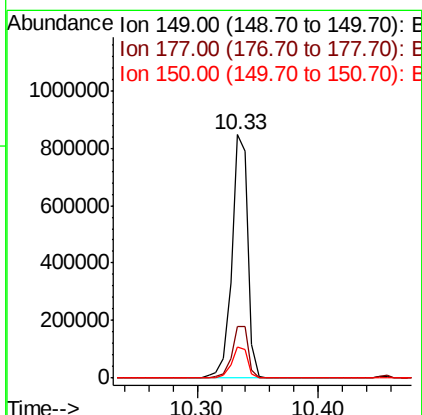
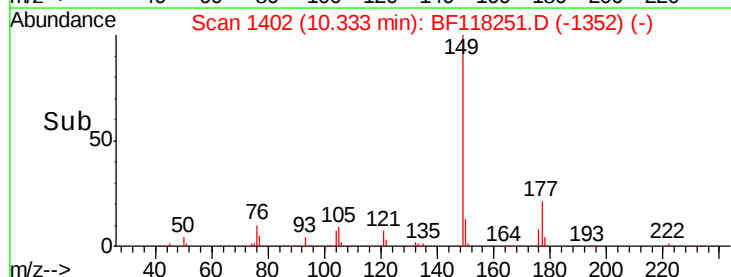
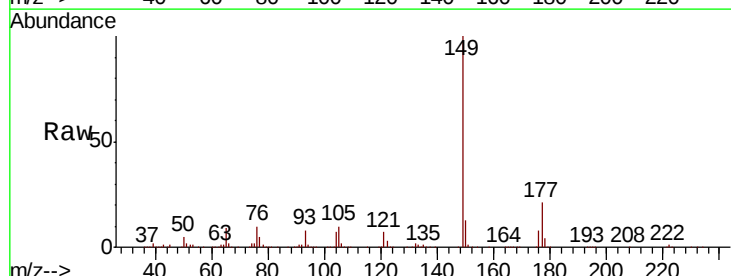
Manual Integrations
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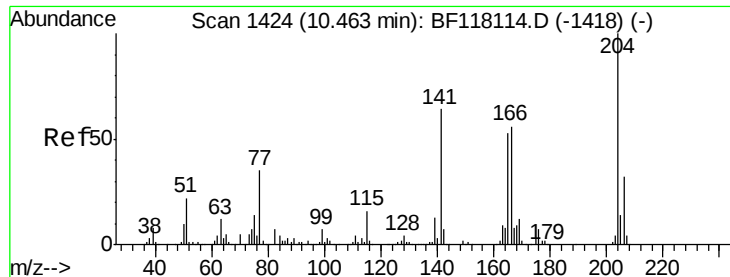
mohammad
 12/19/2019 11:16:37 AM



#60
 Diethylphthalate
 Concen: 42.312 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.0	25.4
150	12.8	10.1	15.1





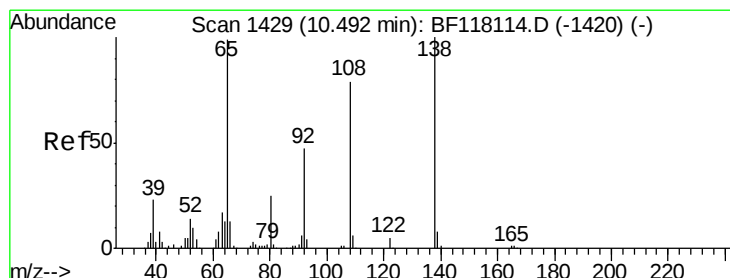
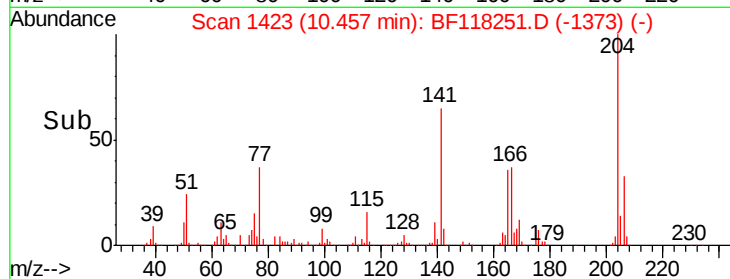
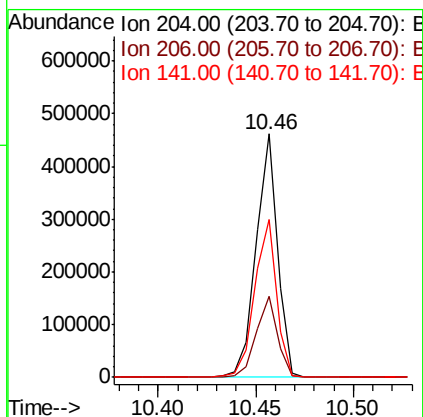
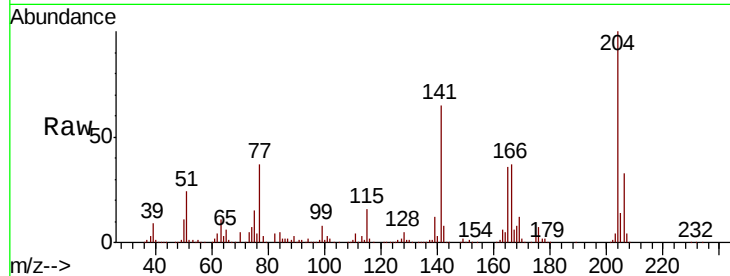
#61
4-Chlorophenyl-phenylether
Concen: 41.868 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion:	204	Resp:	352679
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.0	39.0
141	64.9	51.0	76.6

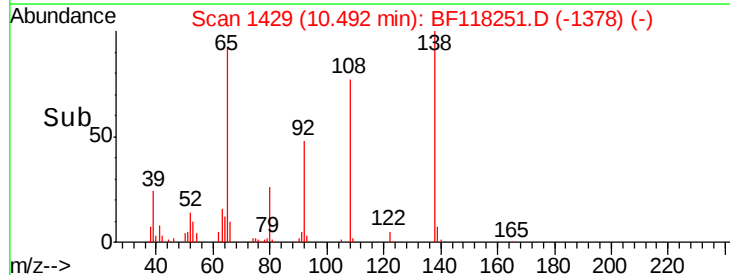
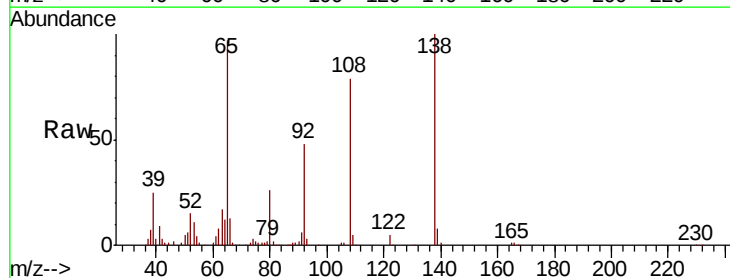
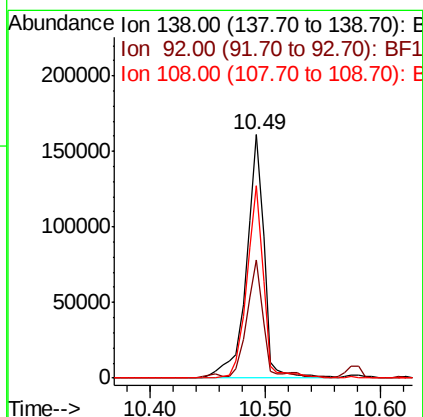
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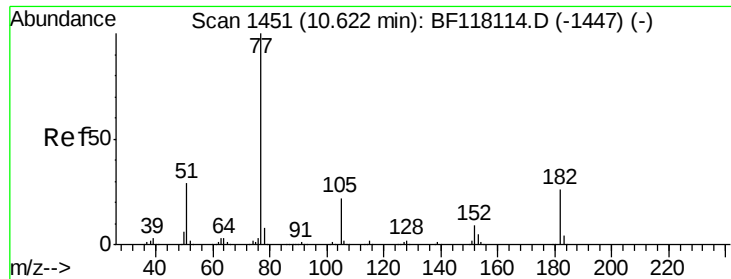
mohammad
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#62
4-Nitroaniline
Concen: 34.199 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion:	138	Resp:	169713
Ion Ratio	Lower	Upper	
138	100		
92	48.3	27.1	67.1
108	78.8	59.0	99.0





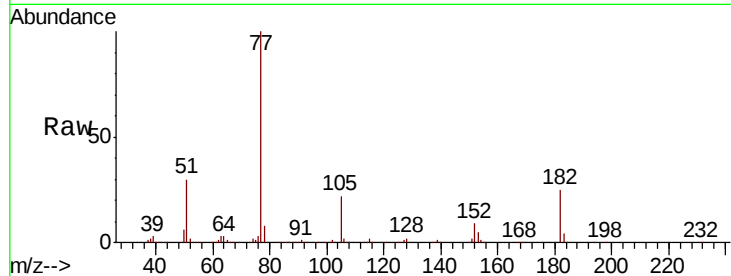
#63
Azobenzene
Concen: 42.894 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

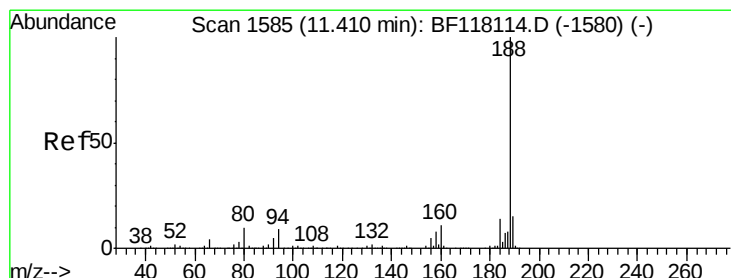
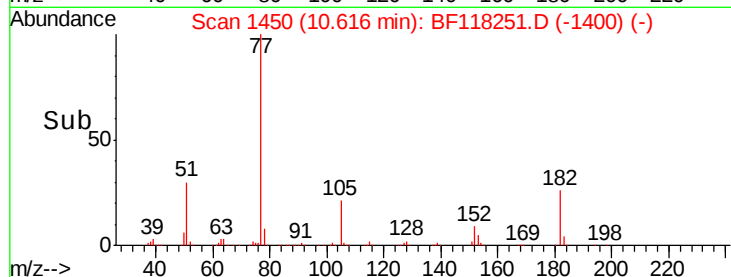
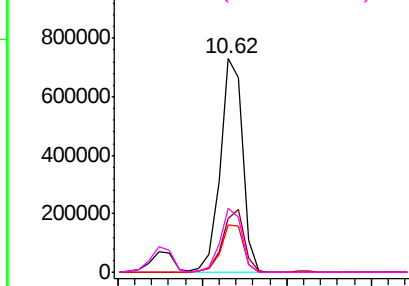
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		670803		
182	25.5	5.7	45.7		
105	22.1	2.2	42.2		
51	30.2	9.6	49.6		

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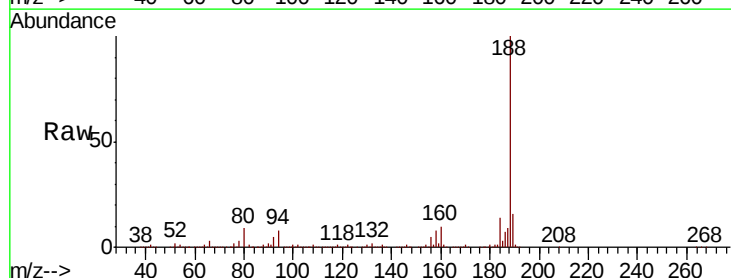


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

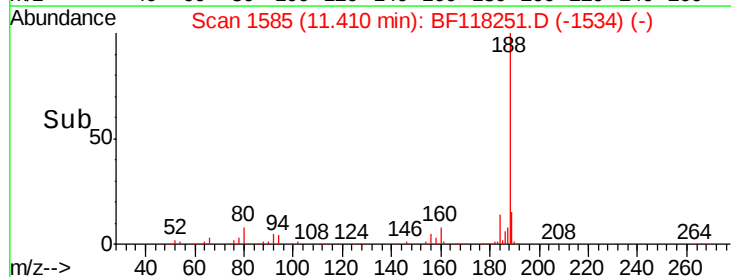
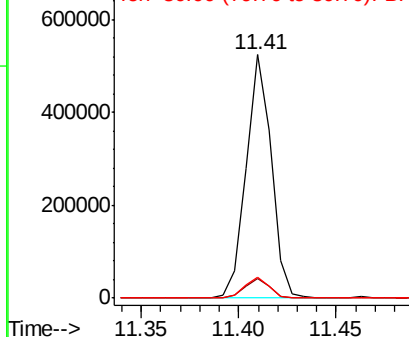


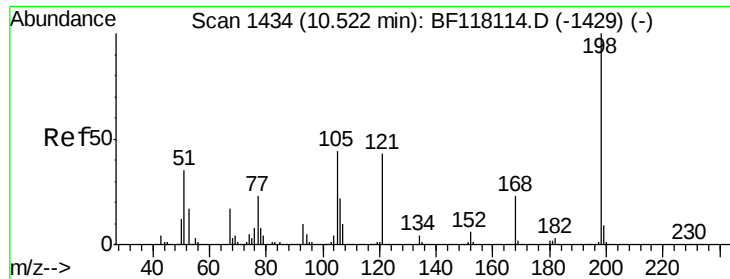
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		469638		
94	8.2	7.1	10.7		
80	8.7	7.9	11.9		



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





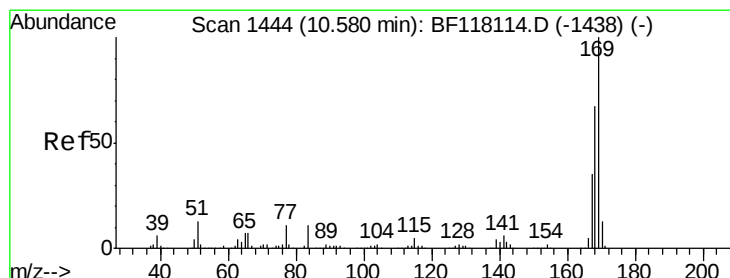
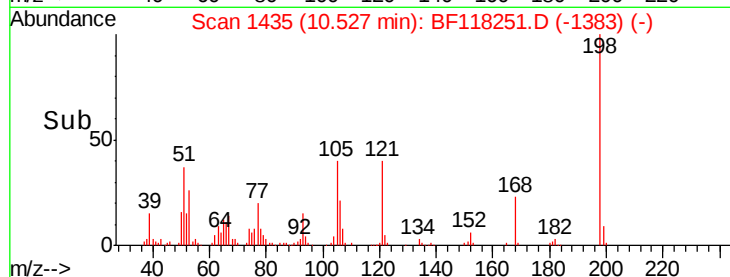
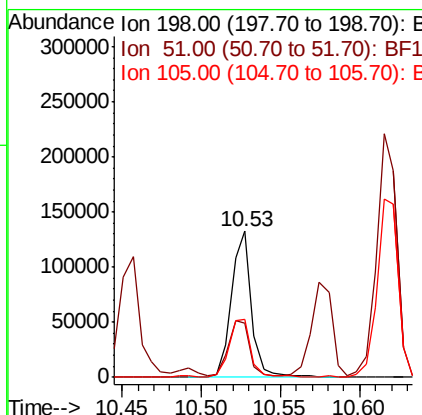
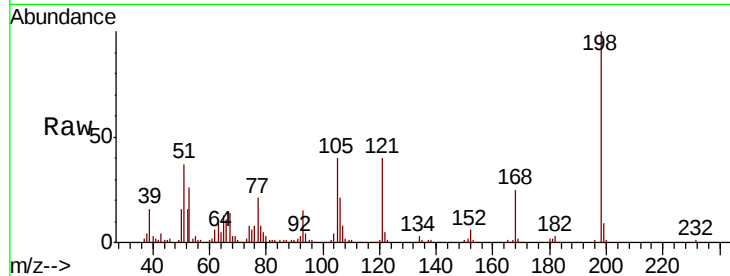
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.982 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Instrument :
 BNA_F
 ClientSampled :
 PB125529BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	116665		
51	36.8	22.0	62.0	
105	39.8	25.6	65.6	

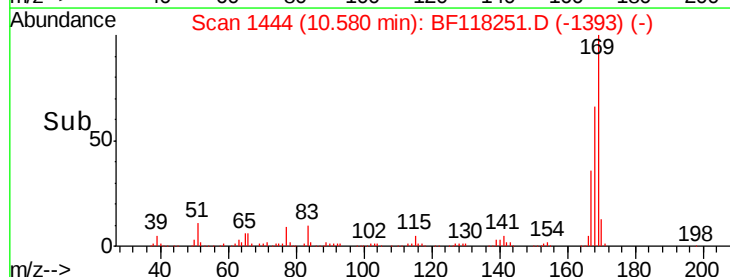
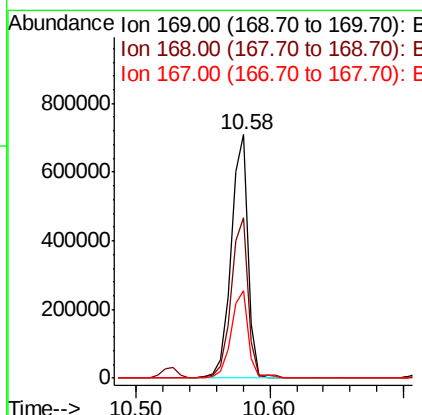
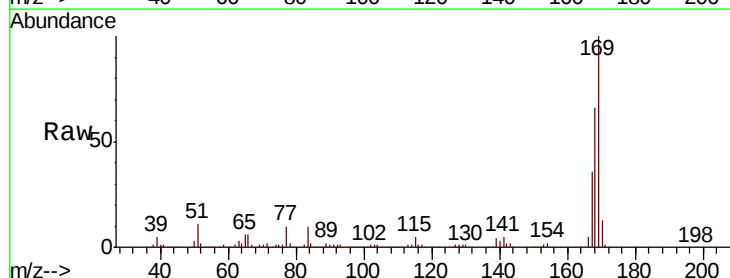
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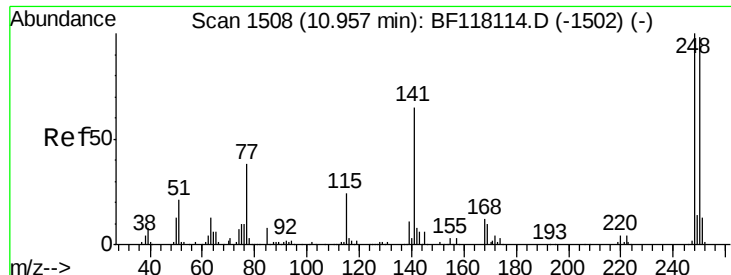
mohammad
 12/19/2019 11:16:37 AM



#66
 n-Nitrosodiphenylamine
 Concen: 43.134 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	632603		
168	65.7	53.4	80.2	
167	35.9	28.4	42.6	





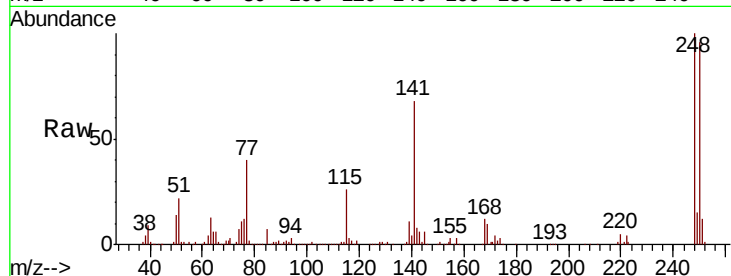
#67
4-Bromophenyl-phenylether
Concen: 41.890 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.3	117.5
141	68.5	52.2	78.4

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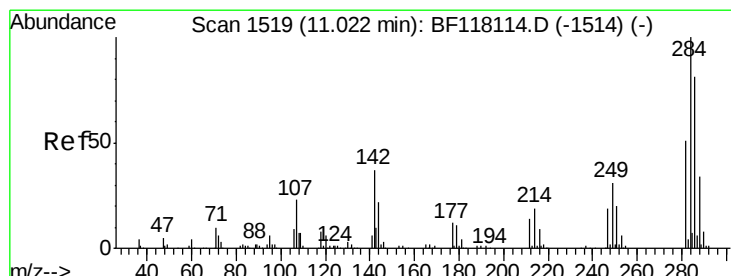
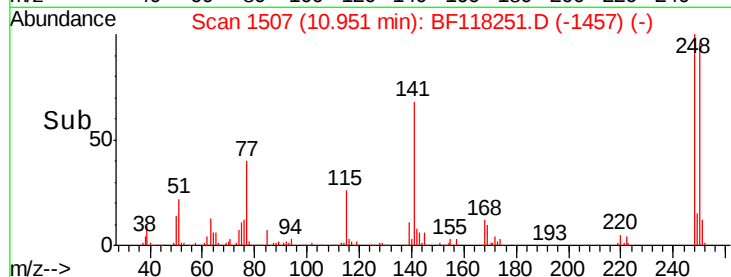
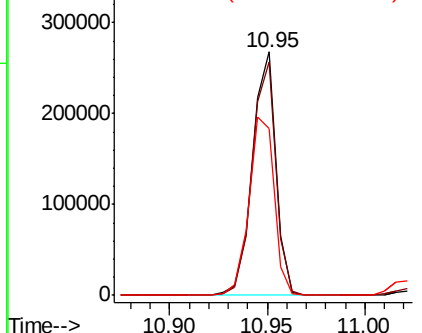


Abundance

Ion 248.00 (247.70 to 248.70): E

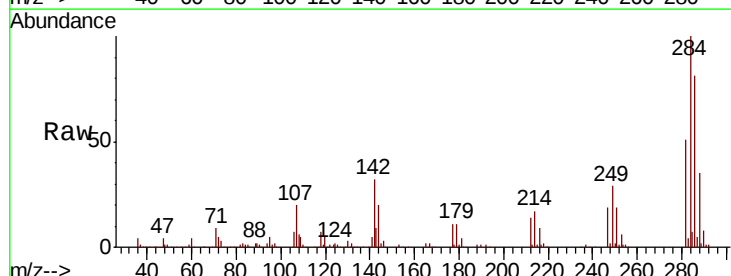
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.288 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	29.7	44.5
249	29.4	24.6	37.0

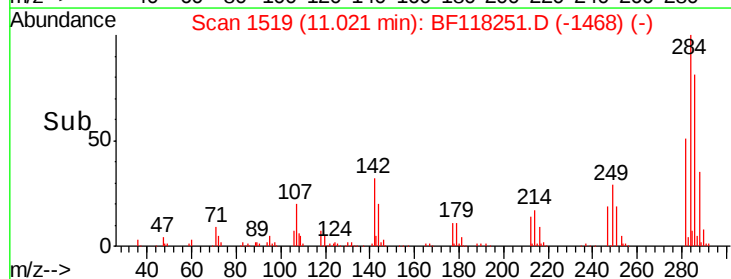
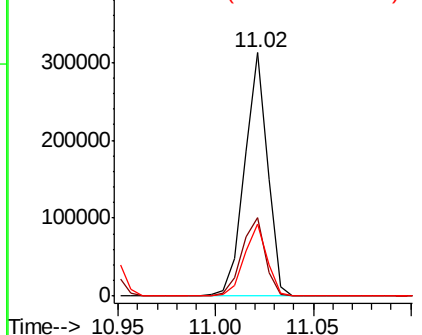


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





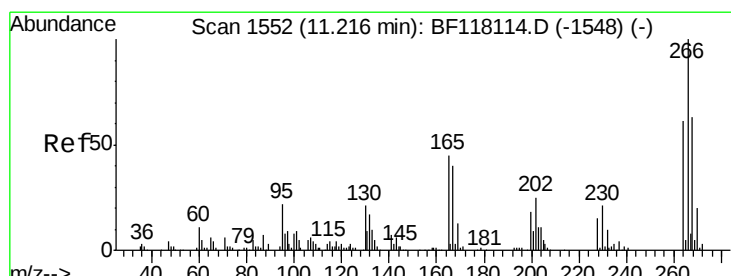
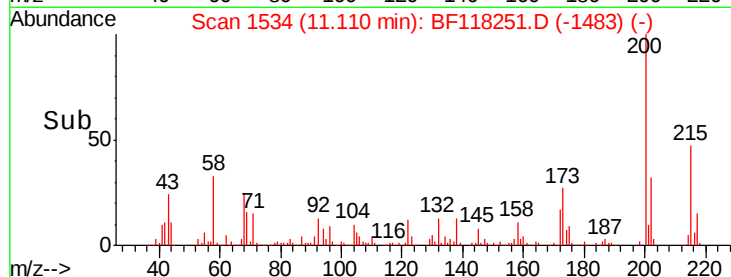
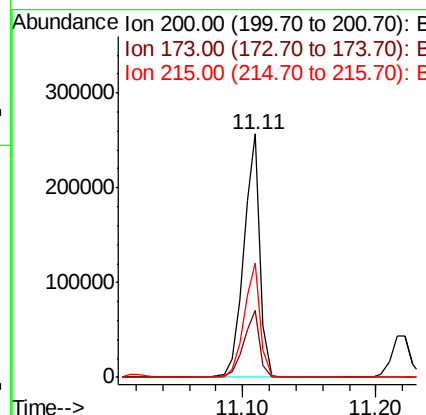
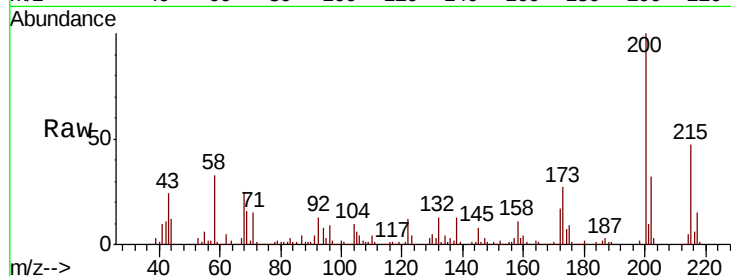
#69
Atrazine
Concen: 65.379 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	8.1	48.1
215	47.1	29.0	69.0

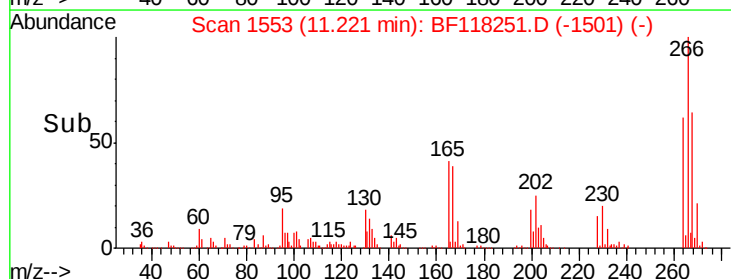
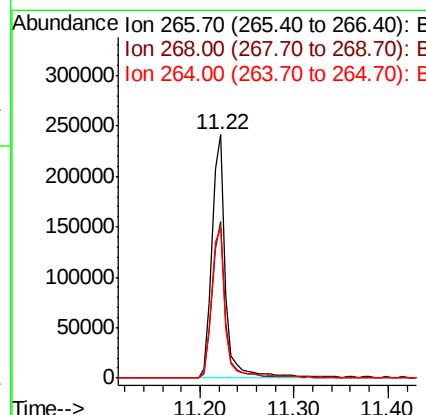
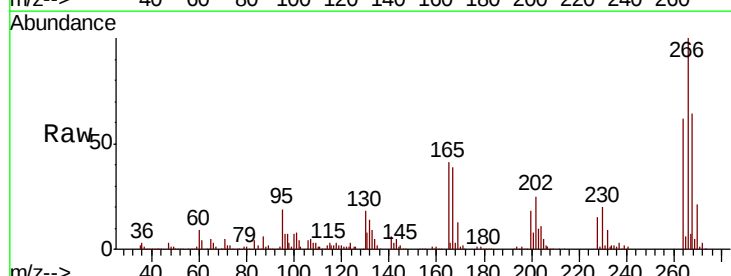
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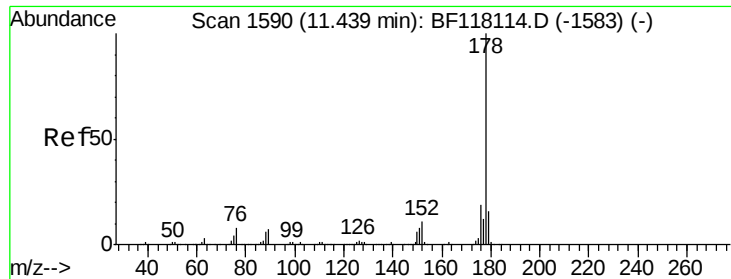
mohammad
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#70
Pentachlorophenol
Concen: 84.172 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.5	50.7	76.1
264	61.7	48.7	73.1





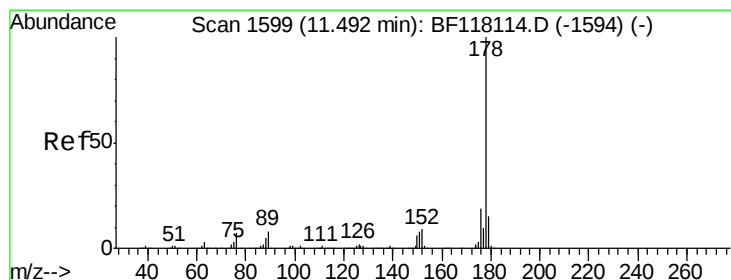
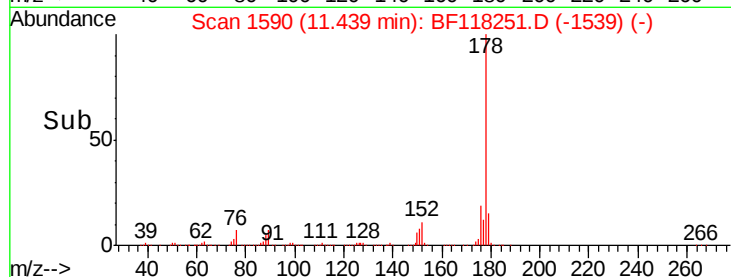
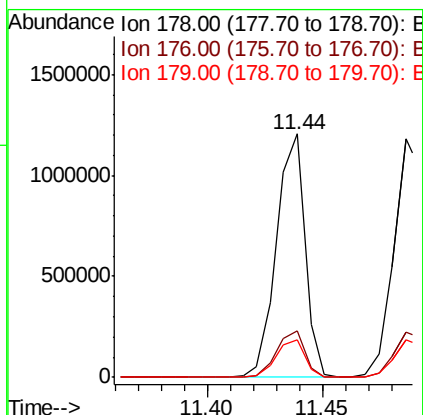
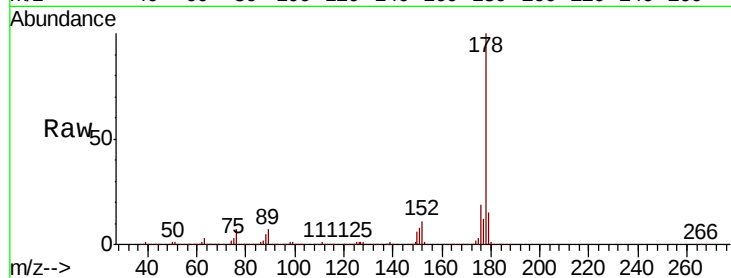
#71
Phenanthrene
Concen: 41.535 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.6	18.8

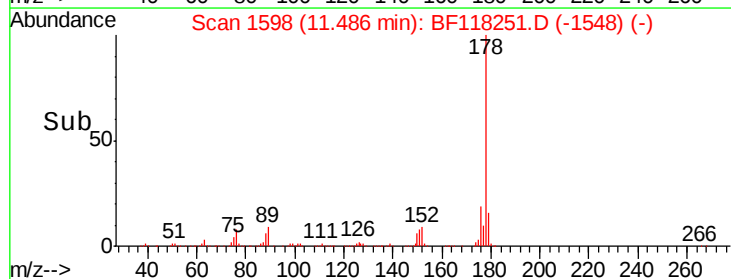
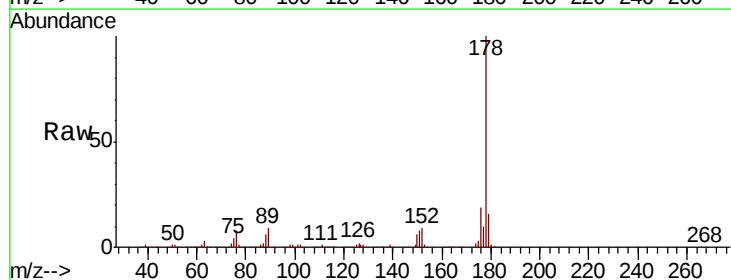
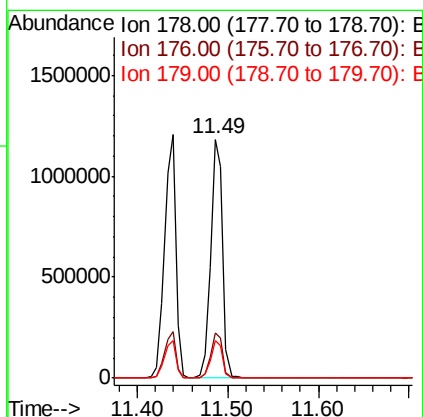
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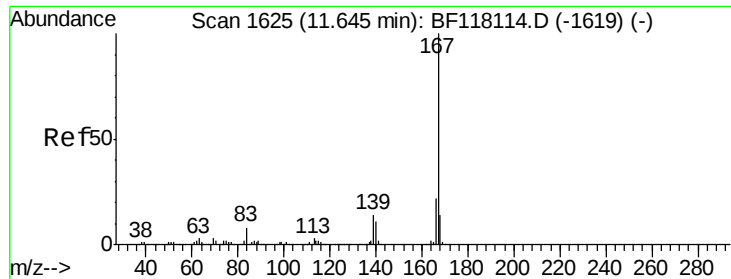
mohammad
12/19/2019 11:16:37 AM



#72
Anthracene
Concen: 43.844 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.8	12.2	18.4





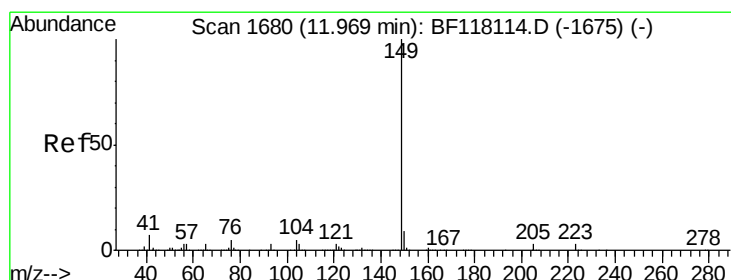
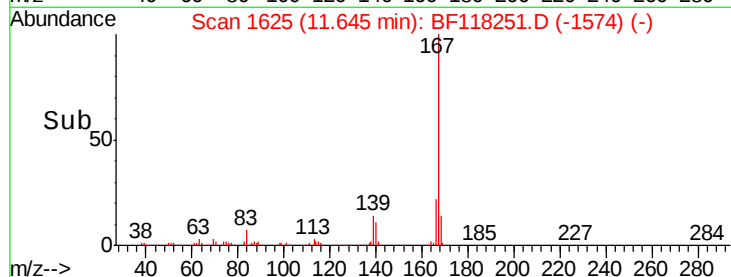
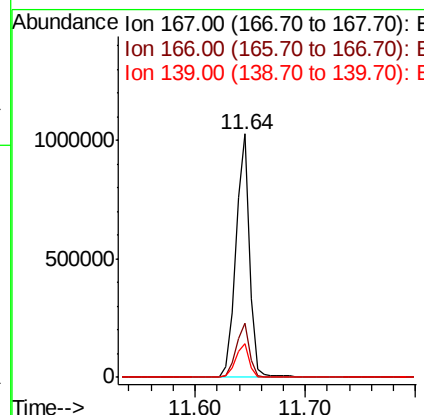
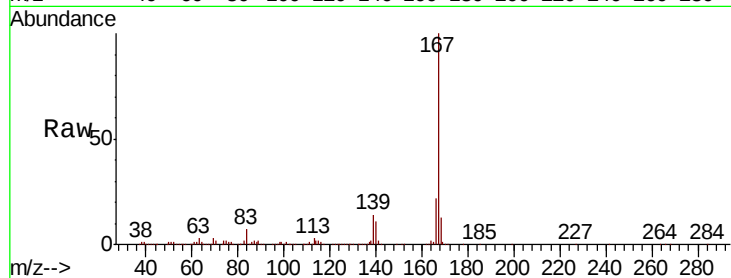
#73
 Carbazole
 Concen: 39.810 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.1	11.4	17.0

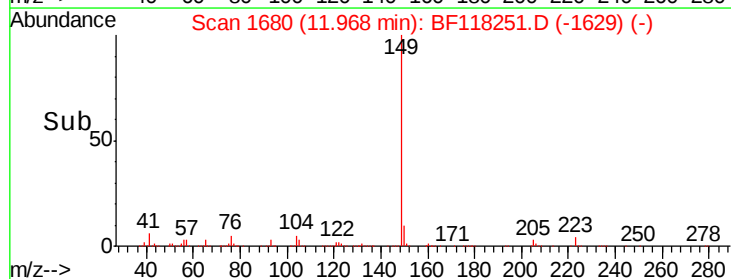
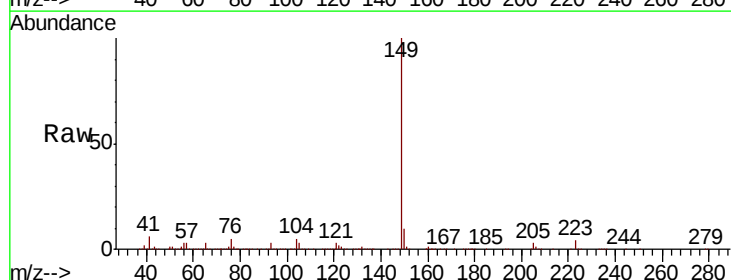
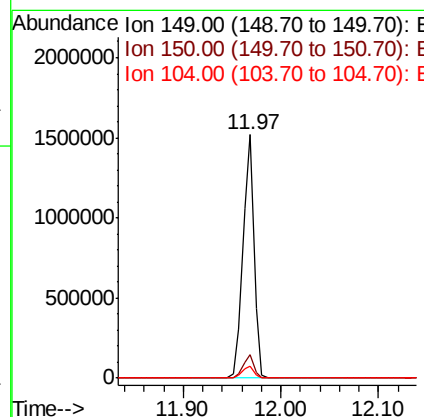
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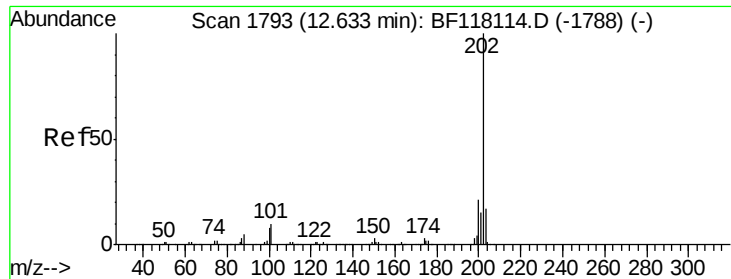
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#74
 Di-n-butylphthalate
 Concen: 42.710 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 40.761 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

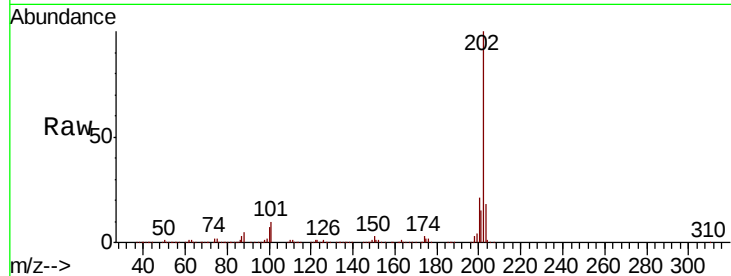
ClientSampled :

PB125529BS

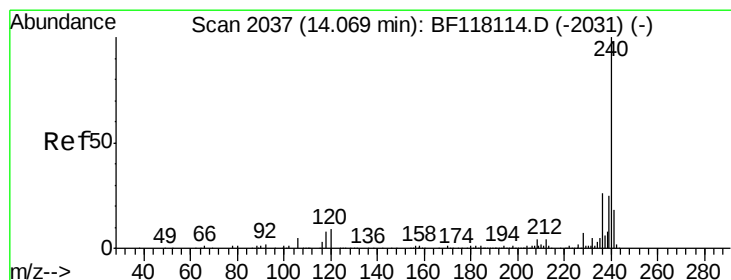
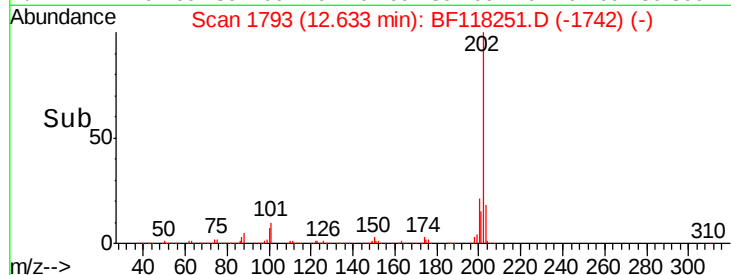
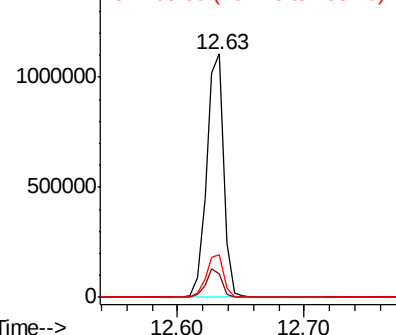
Tot Ion:	202	Resp:	1040412
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.4
203	17.6	0.0	37.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

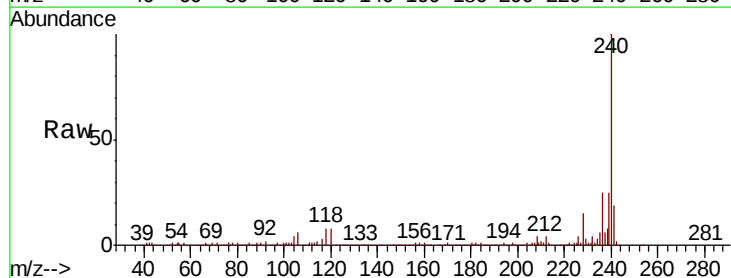
RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

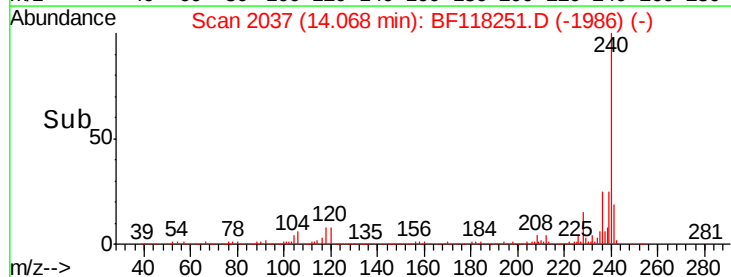
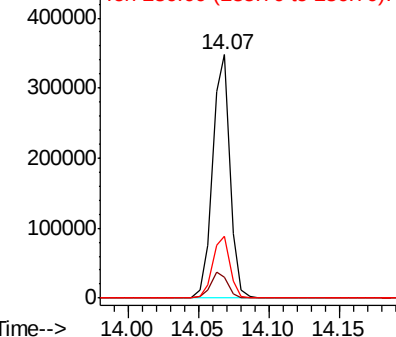
Lab File: BF118251.D

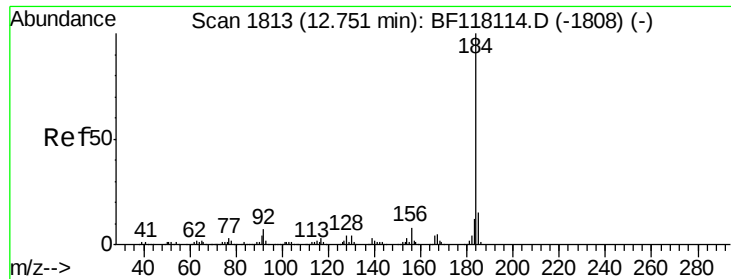
Acq: 18 Dec 2019 11:12

Tgt Ion:	240	Resp:	296307
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.1	10.7
236	25.4	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.586 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

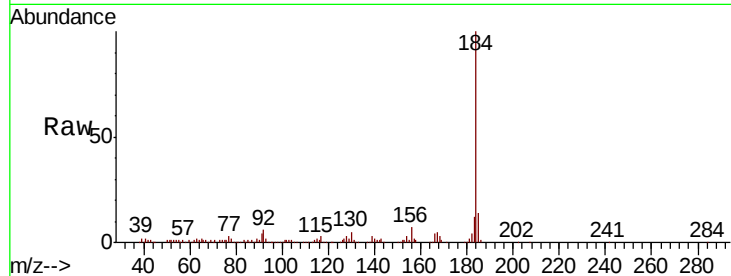
ClientSampleId :

PB125529BS

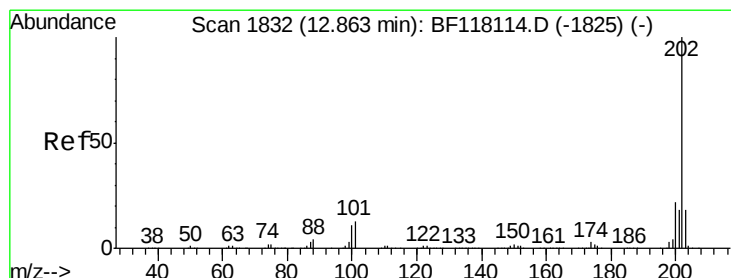
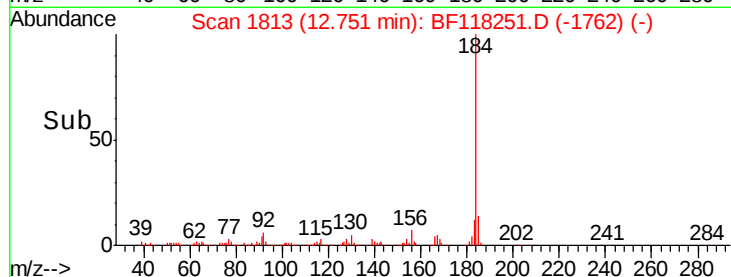
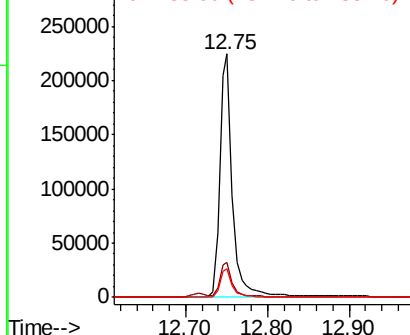
Tot Ion:	184	Resp:	246380
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.3	18.5
183	11.6	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.487 ng

RT: 12.86 min Scan# 1832

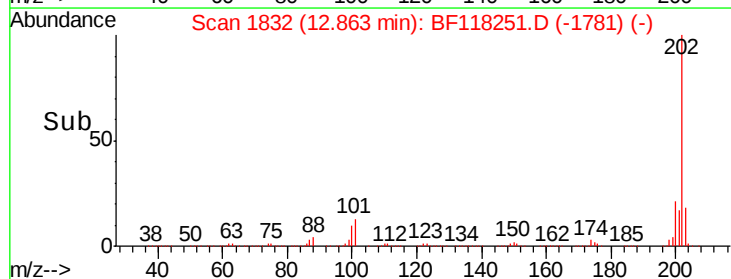
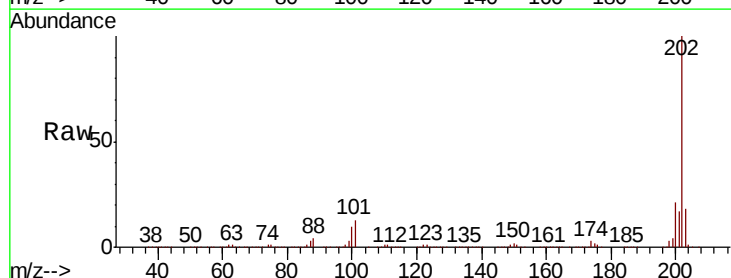
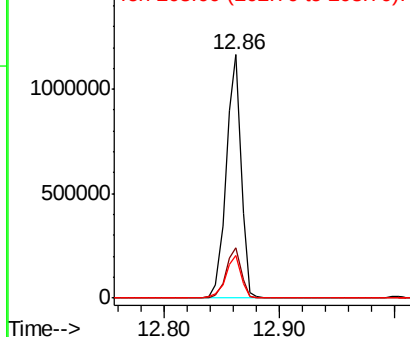
Delta R.T. -0.00 min

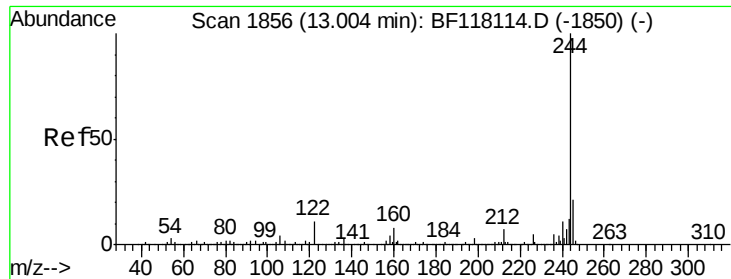
Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Tgt Ion:	202	Resp:	1038795
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.5	26.3
203	17.6	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





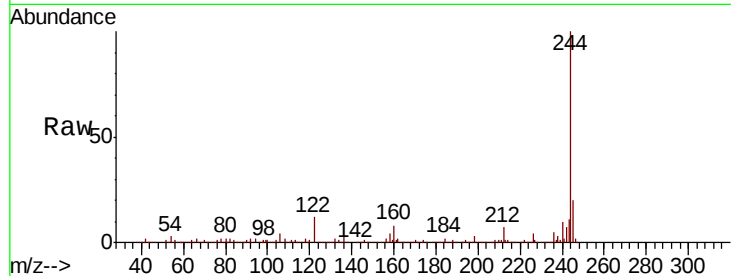
#79
 Terphenyl-d14
 Concen: 88.617 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB125529BS

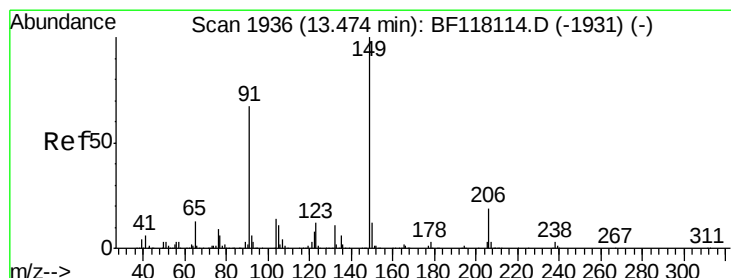
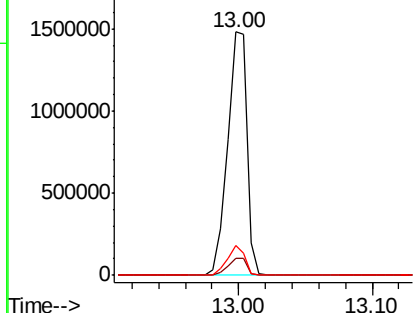
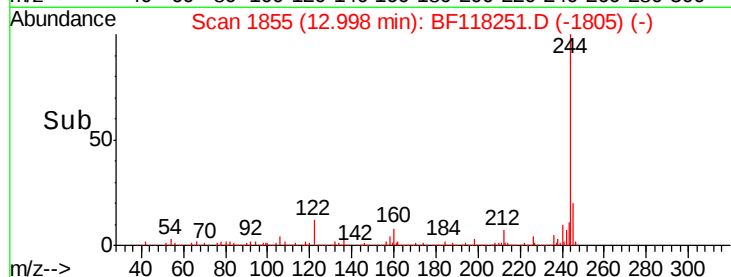
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.5	9.0	13.6

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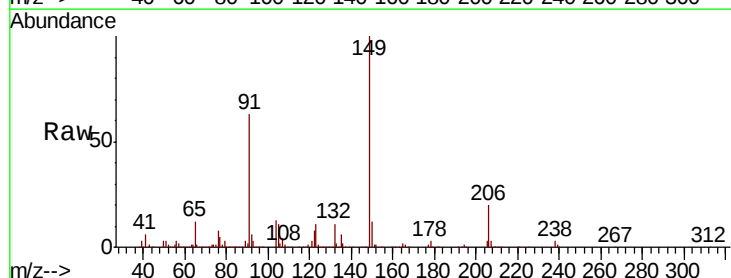


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

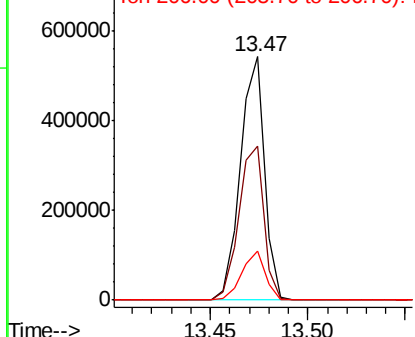
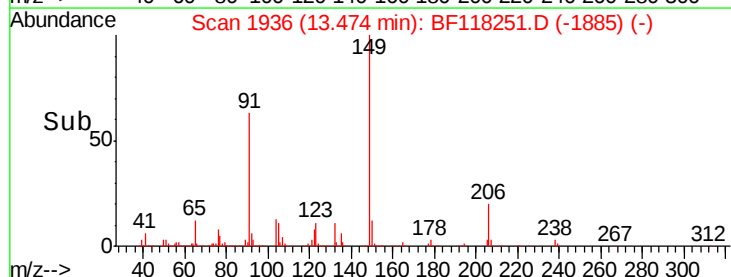


#80
 Butylbenzylphthalate
 Concen: 43.910 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF118251.D
 Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.4	53.9	80.9
206	20.2	15.2	22.8



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





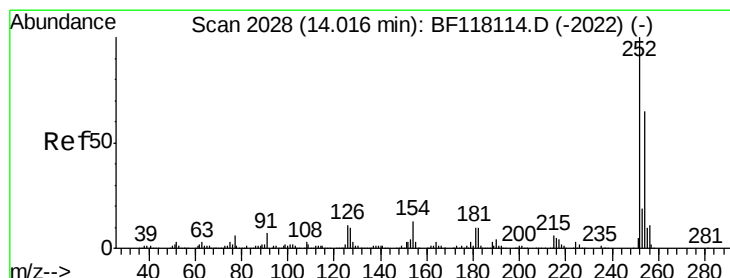
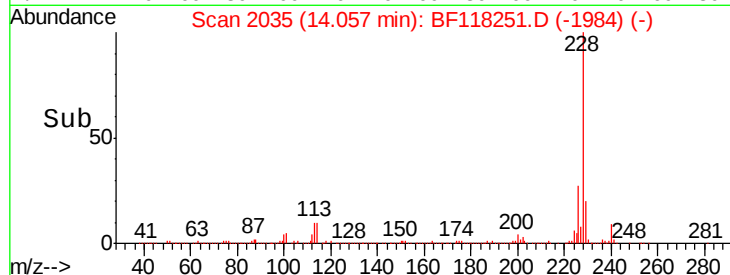
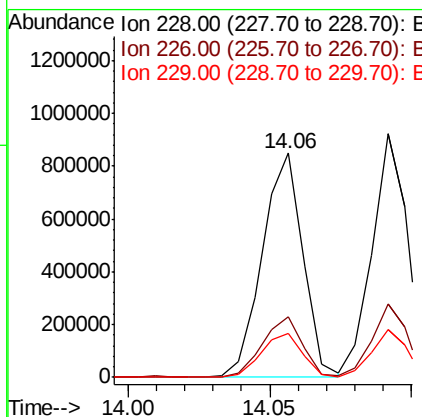
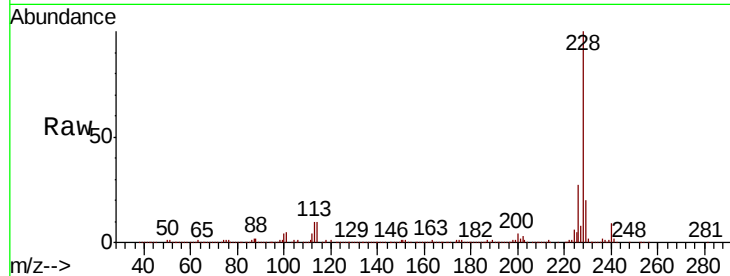
#81
Benzo(a)anthracene
Concen: 41.207 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.5	15.8	23.8

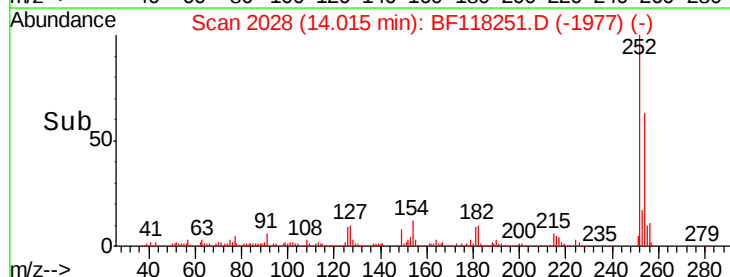
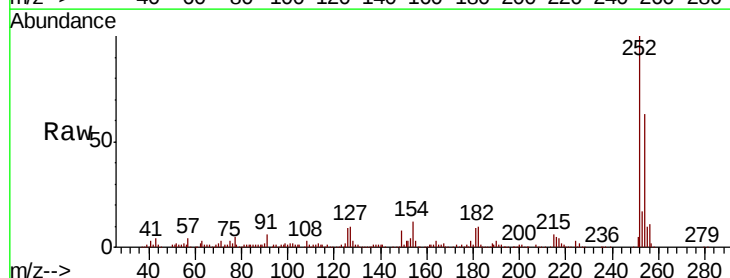
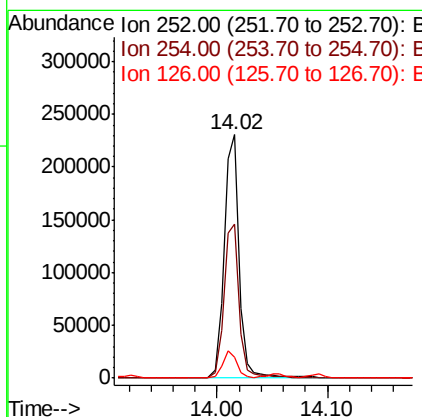
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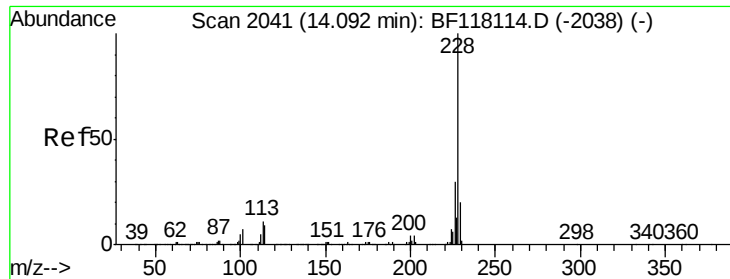
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#82
3,3'-Dichlorobenzidine
Concen: 32.850 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.2	78.4
126	8.8	8.6	13.0





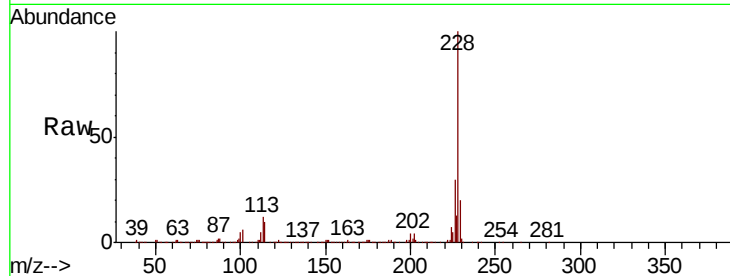
#83
Chrysene
Concen: 40.683 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.7	15.7	23.5

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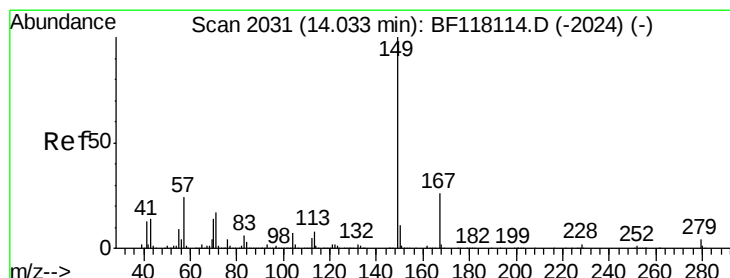
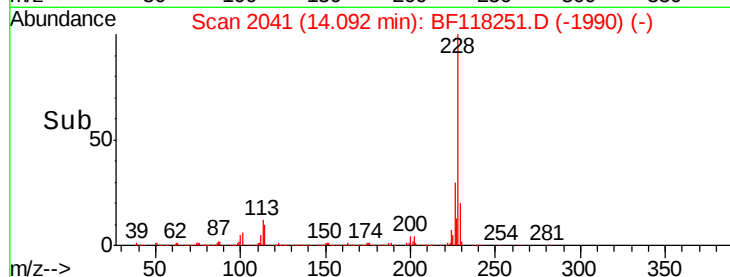
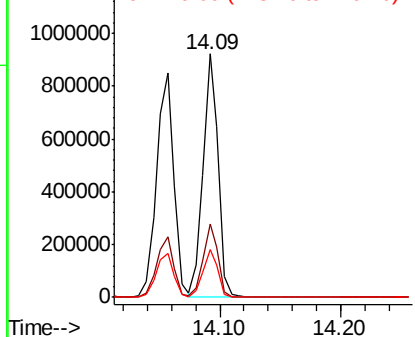


Abundance

Ion 228.00 (227.70 to 228.70): E

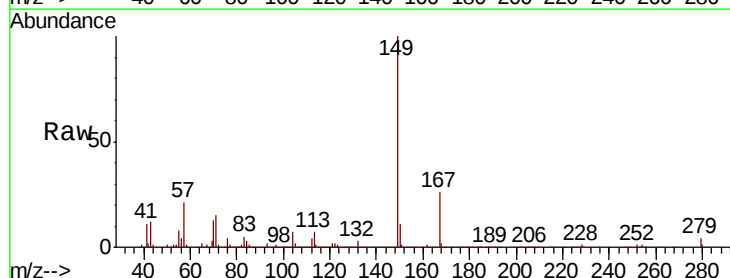
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.308 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.8	31.2
279	4.5	2.9	4.3#

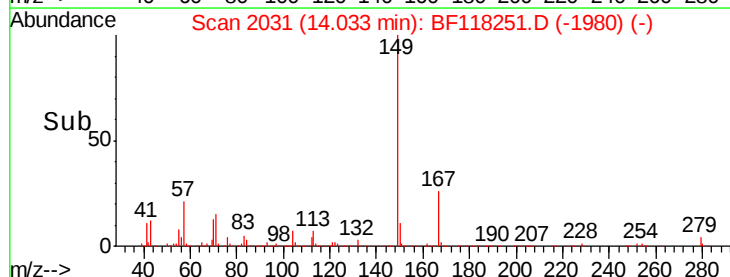
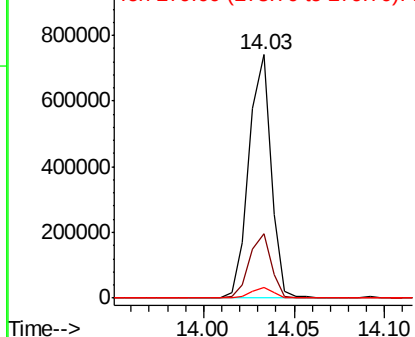


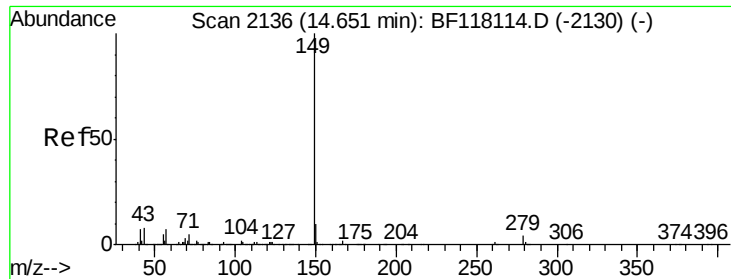
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.026 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

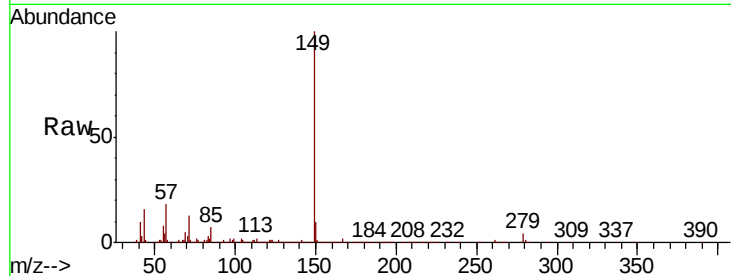
ClientSampleId :

PB125529BS

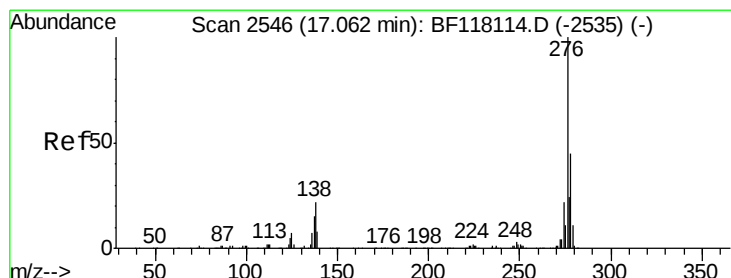
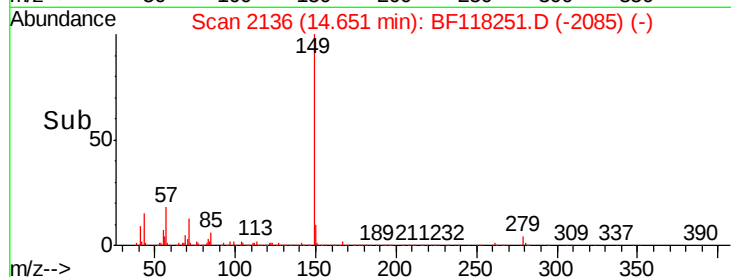
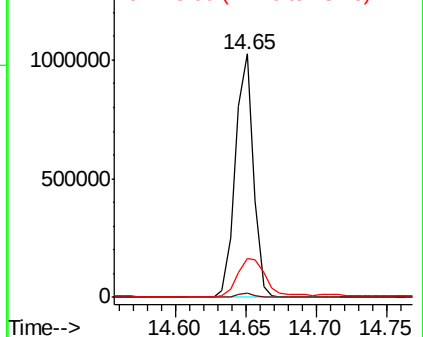
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	24.8	6.5	9.7	

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.277 ng

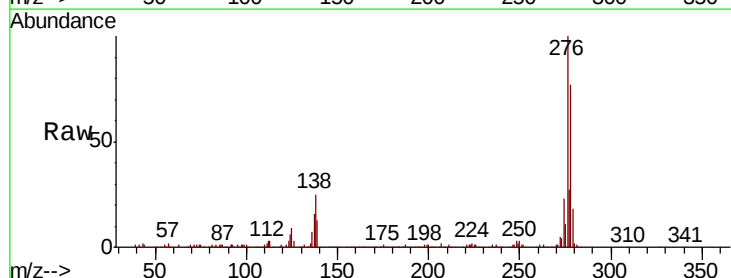
RT: 17.08 min Scan# 2549

Delta R.T. 0.02 min

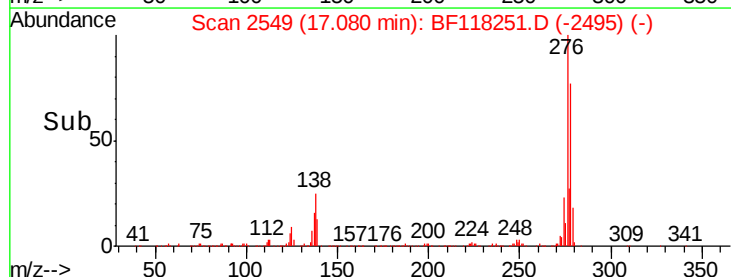
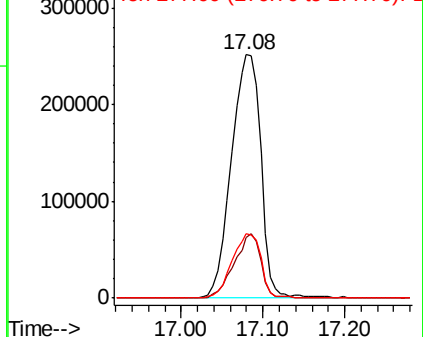
Lab File: BF118251.D

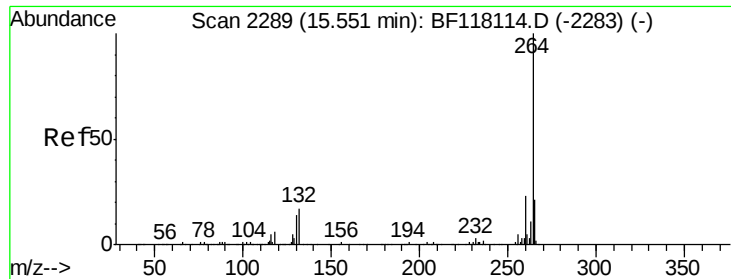
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.0	18.9	28.3	
277	26.0	20.4	30.6	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Instrument :

BNA_F

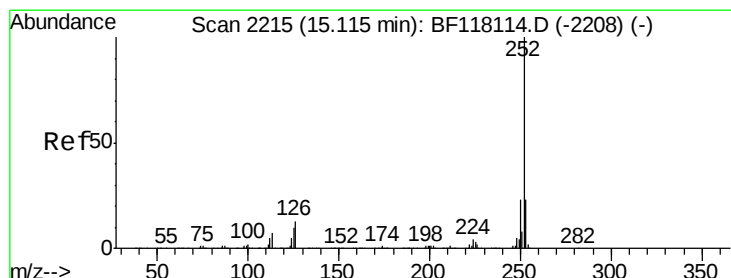
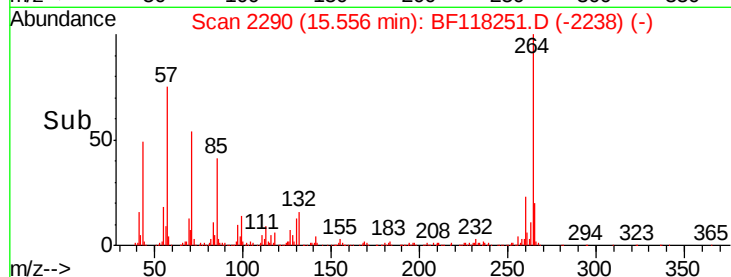
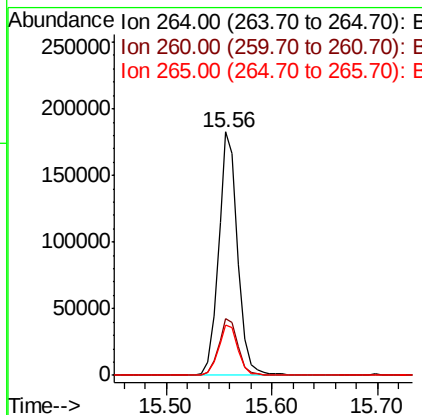
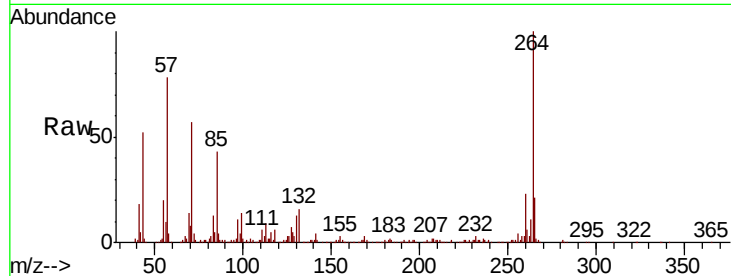
ClientSampleId :

PB125529BS

Tot Ion:	264	Resp:	229622
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	28.0
265	20.5	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 42.119 ng

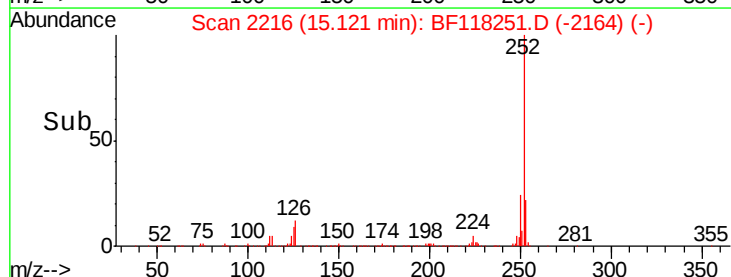
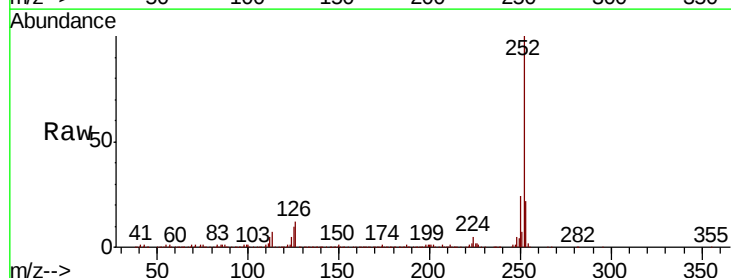
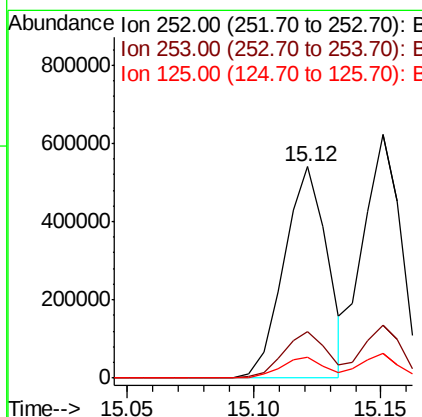
RT: 15.12 min Scan# 2216

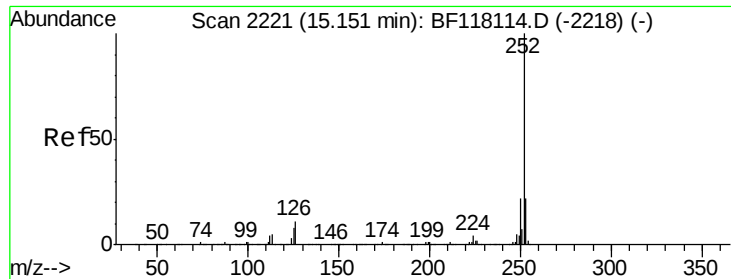
Delta R.T. 0.01 min

Lab File: BF118251.D

Acq: 18 Dec 2019 11:12

Tgt Ion:	252	Resp:	639634
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	9.7	8.3	12.5





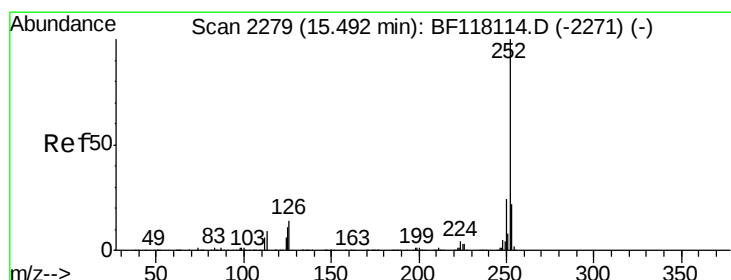
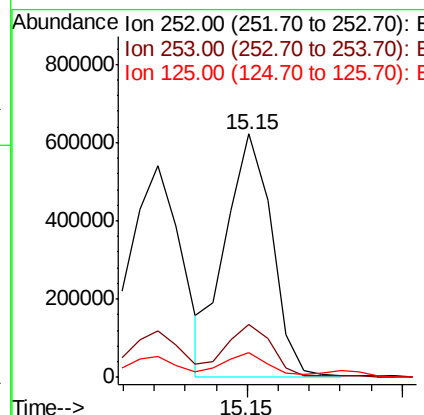
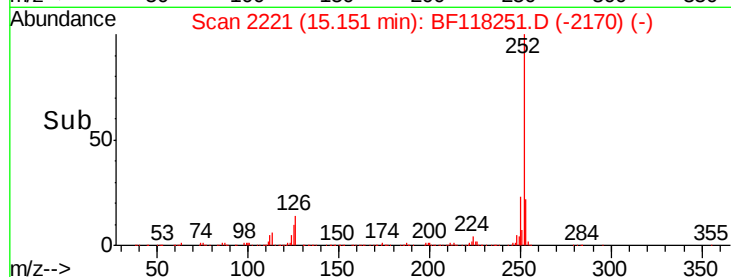
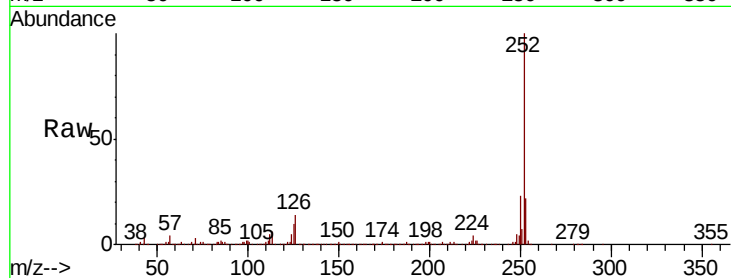
#89
Benzo(k)fluoranthene
Concen: 44.311 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.2	6.7	10.1

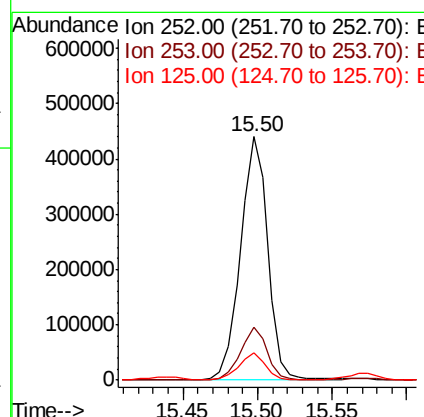
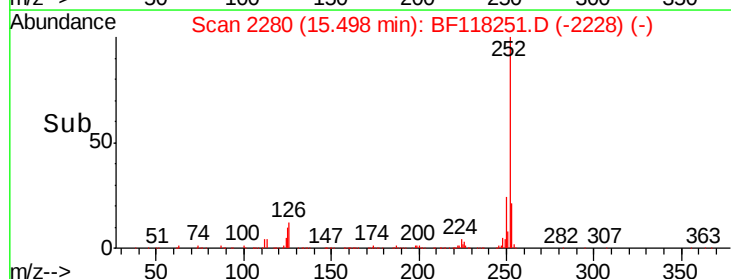
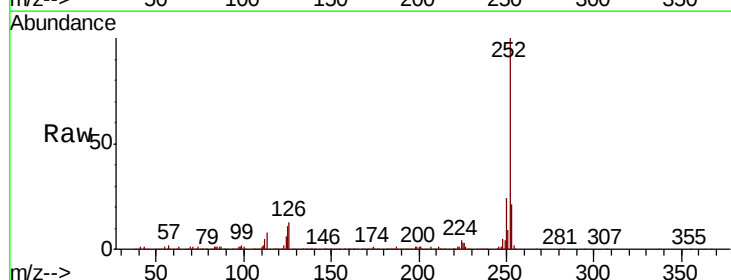
Manual Integrations
APPROVED

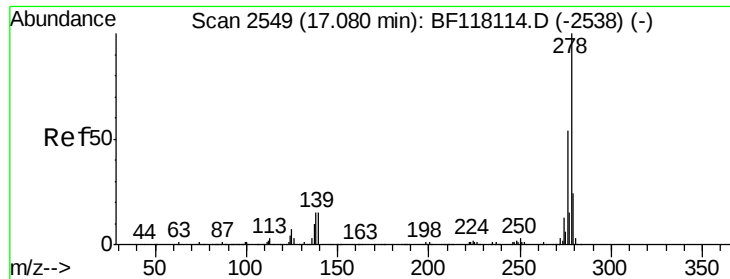
mohammad
12/19/2019 11:16:37 AM



#90
Benzo(a)pyrene
Concen: 41.549 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.0	9.1	13.7





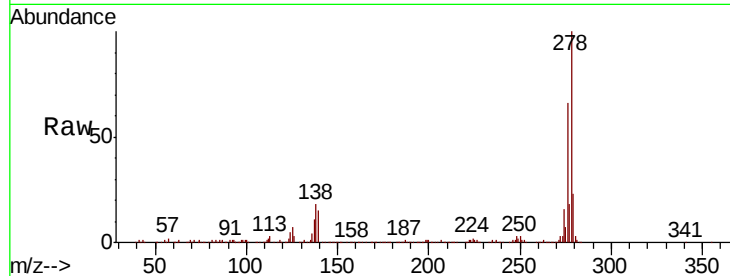
#91
Dibenzo(a,h)anthracene
Concen: 47.053 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Instrument :
BNA_F
ClientSampleId :
PB125529BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	22.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/19/2019 11:16:37 AM

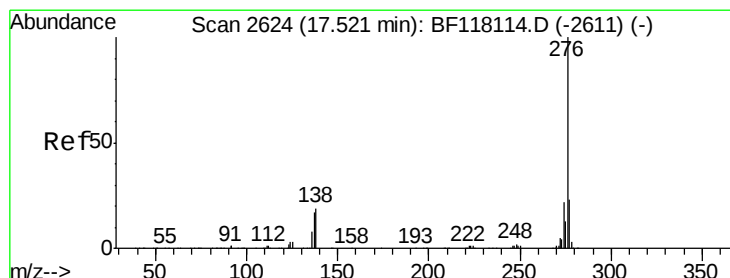
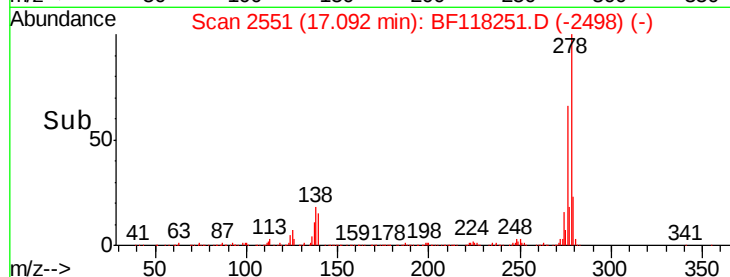
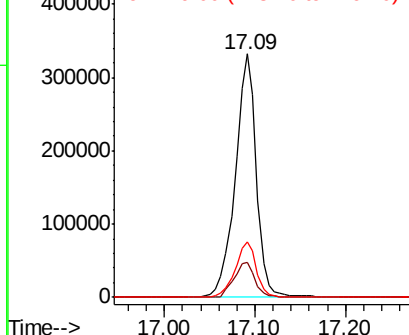


Abundance

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: 48.287 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118251.D
Acq: 18 Dec 2019 11:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.4
138	19.8	15.5	23.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

