

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118362.D
 Acq On : 28 Dec 2019 13:41
 Operator : JU
 Sample : PB125755BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Manual Integrations
 APPROVED

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Quant Time: Dec 29 07:28:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147413	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	615190	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	333428	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	620001	20.00	ng	0.00
76) Chrysene-d12	14.06	240	394557	20.00	ng	0.00
87) Perylene-d12	15.54	264	249128	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	996393	115.38	ng	0.02
7) Phenol-d6	6.50	99	1204647	112.45	ng	0.01
23) Nitrobenzene-d5	7.42	82	795025	73.91	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	428220	104.00	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1658809	75.94	ng	0.00
79) Terphenyl-d14	12.99	244	1882153	79.14	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.69	88	130894	38.128	ng	99
3) Pyridine	3.45	79	304262	33.265	ng	98
4) n-Nitrosodimethylamine	3.40	42	150443	39.782	ng	100
6) Aniline	6.52	93	378600	27.831	ng	# 79
8) 2-Chlorophenol	6.65	128	426436	43.600	ng	99
9) Benzaldehyde	6.40	77	117662	18.733	ng	98
10) Phenol	6.51	94	499982	41.523	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	365932	42.494	ng	97
12) 1,3-Dichlorobenzene	6.79	146	448415	39.808	ng	99
13) 1,4-Dichlorobenzene	6.87	146	460381	40.238	ng	98
14) 1,2-Dichlorobenzene	7.03	146	430559	39.859	ng	97
15) Benzyl Alcohol	7.00	79	346029	42.422	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	375066	40.817	ng	84
17) 2-Methylphenol	7.12	107	339895	43.328	ng	96
18) Hexachloroethane	7.36	117	168024	40.014	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	274913	41.656	ng	98
20) 3+4-Methylphenols	7.27	107	426313	42.461	ng	95
22) Acetophenone	7.27	105	570800	37.857	ng	# 95
24) Nitrobenzene	7.44	77	417567	38.755	ng	99
25) Isophorone	7.68	82	749858	40.002	ng	100
26) 2-Nitrophenol	7.76	139	239688	41.999	ng	96
27) 2,4-Dimethylphenol	7.80	122	365515	46.942	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	476080	38.834	ng	99
29) 2,4-Dichlorophenol	8.00	162	360629	40.239	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	398282	38.149	ng	98
31) Naphthalene	8.16	128	1240169	39.663	ng	100
32) Benzoic acid	7.95	122	224808	35.823	ng	97
33) 4-Chloroaniline	8.22	127	281288	20.985	ng	97
34) Hexachlorobutadiene	8.27	225	231358	37.228	ng	100
35) Caprolactam	8.60	113	113771m	40.661	ng	
36) 4-Chloro-3-methylphenol	8.71	107	380257	39.518	ng	100
37) 2-Methylnaphthalene	8.86	142	868380	40.563	ng	99
38) 1-Methylnaphthalene	8.96	142	820071	40.659	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	377462	37.678	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	213645	53.960	nq	96
43) 2,4,6-Trichlorophenol	9.14	196	256485	38.323	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	266994	38.780	nq	98
46) 1,1'-Biphenyl	9.32	154	1018166	38.608	nq	99
47) 2-Chloronaphthalene	9.35	162	795220	37.466	nq	98
48) 2-Nitroaniline	9.45	65	214489	35.777	nq	97
49) Acenaphthylene	9.77	152	1239891	39.387	nq	99
50) Dimethylphthalate	9.62	163	949848	37.951	nq	99
51) 2,6-Dinitrotoluene	9.69	165	208455	38.632	nq	98
52) Acenaphthene	9.94	154	724276	37.773	nq	99
53) 3-Nitroaniline	9.86	138	142149	22.445	nq	91
54) 2,4-Dinitrophenol	9.98	184	188756	70.067	nq	99
55) Dibenzofuran	10.11	168	1101933	38.894	nq	96
56) 4-Nitrophenol	10.04	139	273581	69.974	nq	94
57) 2,4-Dinitrotoluene	10.10	165	275530	38.214	nq	90
58) Fluorene	10.46	166	874877	38.253	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	226963	38.798	nq	99
60) Diethylphthalate	10.33	149	951922	38.445	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	436059	38.193	nq	97
62) 4-Nitroaniline	10.49	138	202007	30.704	nq	97
63) Azobenzene	10.60	77	822816	38.796	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	138133	41.299	nq	84
66) n-Nitrosodiphenylamine	10.57	169	766446	38.571	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	275034	37.905	nq	95
68) Hexachlorobenzene	11.01	284	311632	36.488	nq	97
69) Atrazine	11.10	200	252633	41.194	nq	96
70) Pentachlorophenol	11.21	266	270352	73.091	nq	99
71) Phenanthrene	11.43	178	1275207	37.729	nq	99
72) Anthracene	11.48	178	1305694	38.595	nq	99
73) Carbazole	11.63	167	1104088	36.779	nq	99
74) Di-n-butylphthalate	11.96	149	1506587	39.581	nq	99
75) Fluoranthene	12.62	202	1269223	37.209	nq	99
77) Benzidine	12.74	184	266263	24.629	nq	98
78) Pyrene	12.85	202	1275761	39.596	nq	100
80) Butylbenzylphthalate	13.46	149	596084	41.089	nq	95
81) Benzo(a)anthracene	14.04	228	1030785	37.323	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	295244	31.530	nq	98
83) Chrysene	14.08	228	961096	36.344	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	830611	43.542	nq	99
85) Di-n-octyl phthalate	14.63	149	1240682	44.215	nq	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	802493	35.615	nq	100
88) Benzo(b)fluoranthene	15.10	252	836753	50.599	nq	97
89) Benzo(k)fluoranthene	15.14	252	790518	49.785	nq	98
90) Benzo(a)pyrene	15.48	252	697597	47.886	nq	98
91) Dibenzo(a,h)anthracene	17.07	278	682750	54.007	nq	96
92) Benzo(g,h,i)perylene	17.52	276	671995	55.028	nq	98

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

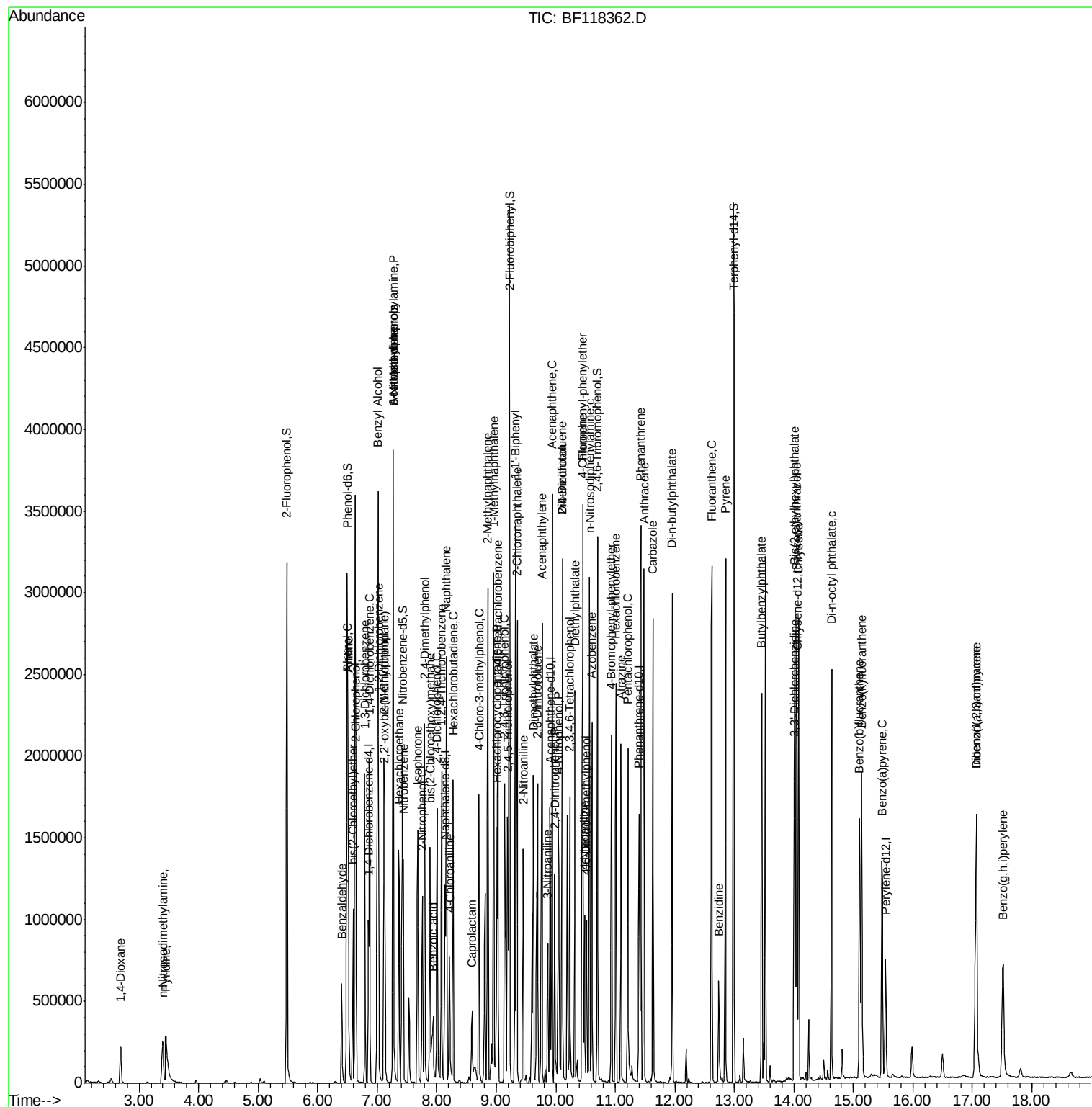
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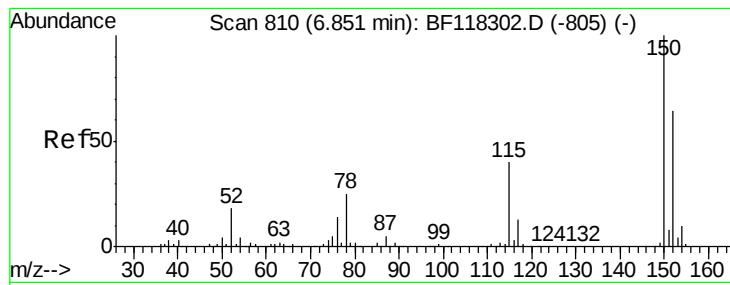
Instrument :
BNA_F
ClientSampled :
PB125755BS

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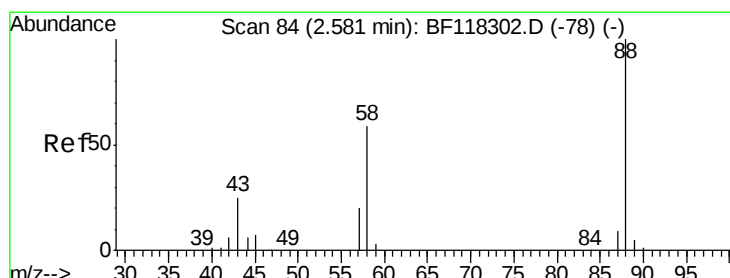
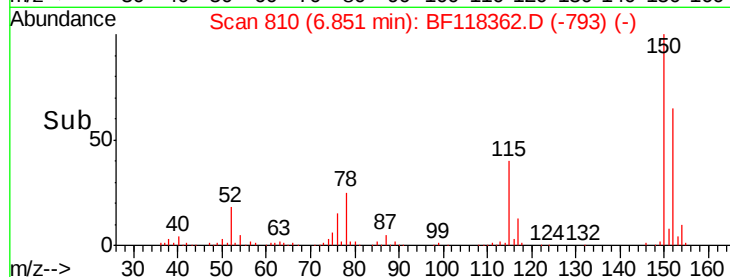
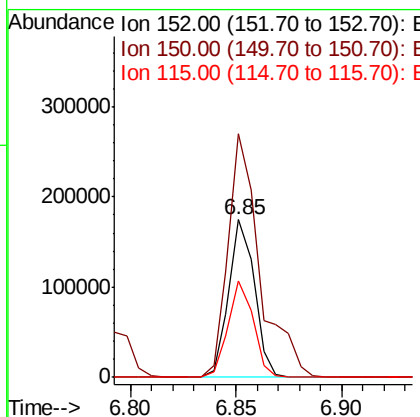
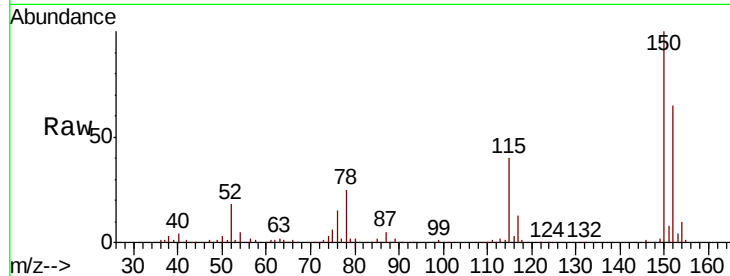
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.4	188.2
115	61.5	50.2	75.4

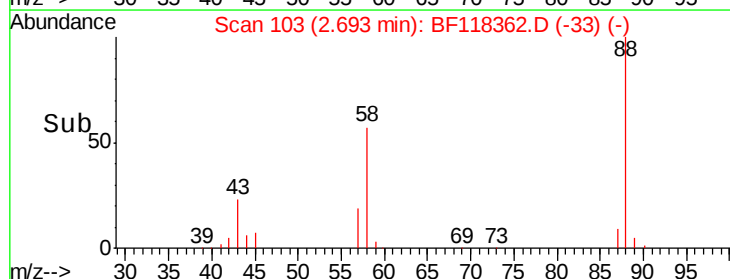
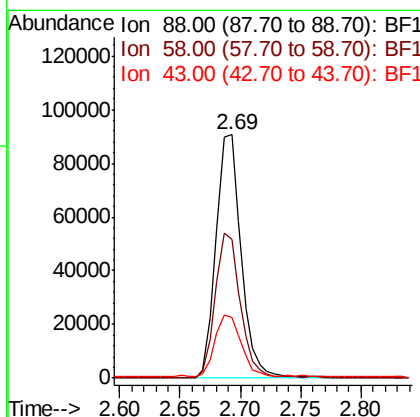
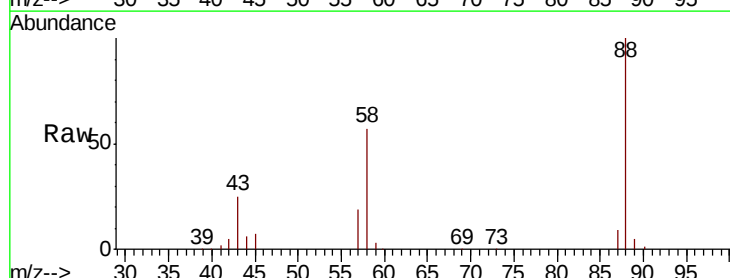
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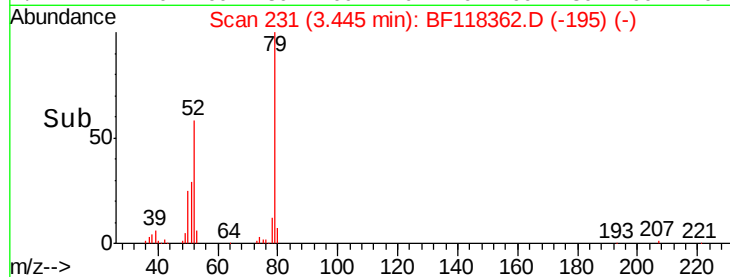
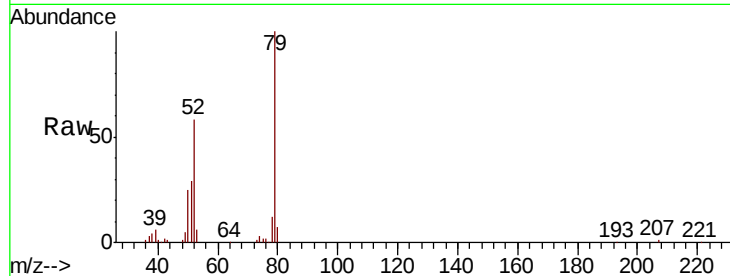
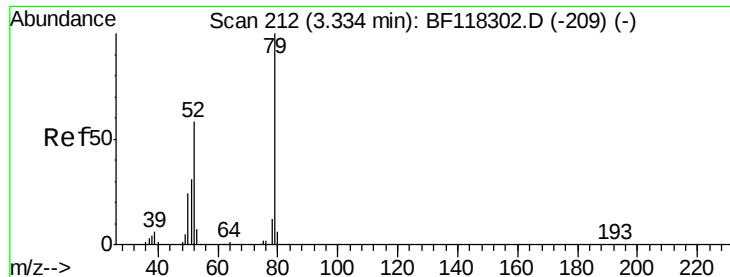
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#2
 1,4-Dioxane
 Concen: 38.128 ng
 RT: 2.69 min Scan# 103
 Delta R.T. 0.11 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.6	47.6	71.4
43	26.5	20.6	30.8





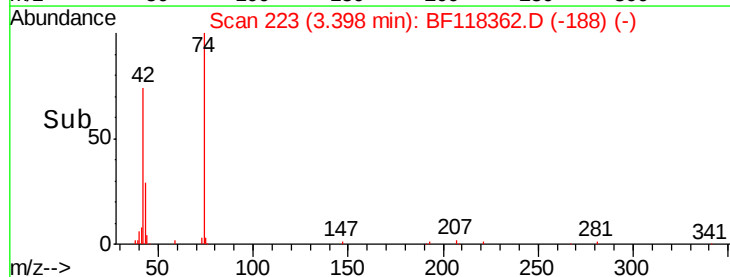
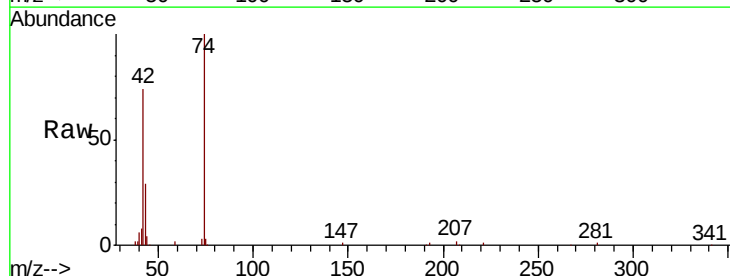
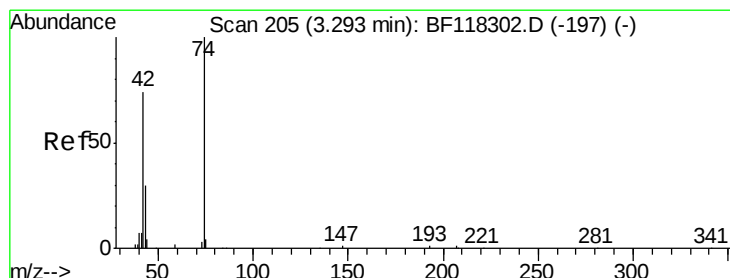
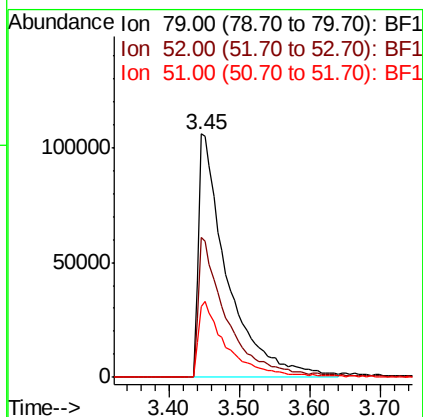
#3
 Pvridine
 Concen: 33.265 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.11 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	57.5	46.4	69.6
51	29.3	24.9	37.3

Instrument :
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 ClientSampleId :
 PB125755BS

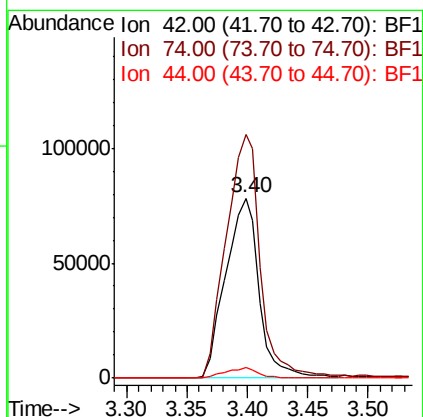
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#4
 n-Nitrosodimethylamine
 Concen: 39.782 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.11 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.1	107.7	161.5
44	6.0	4.8	7.2





#5

2-Fluorophenol

Concen: 115.379 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

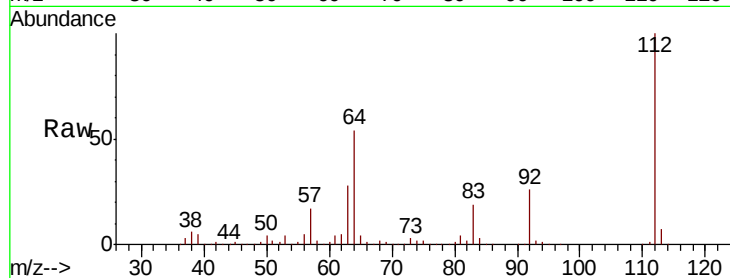
ClientSampleId :

PB125755BS

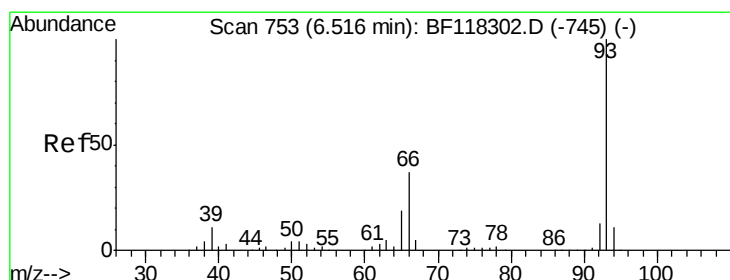
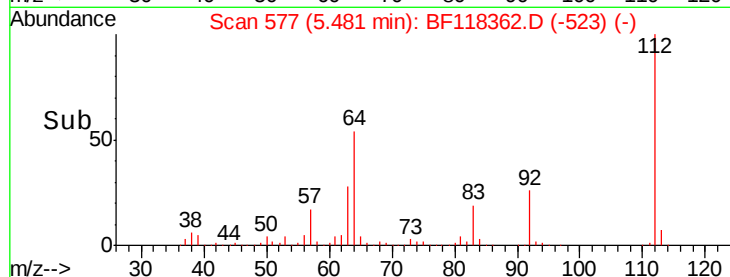
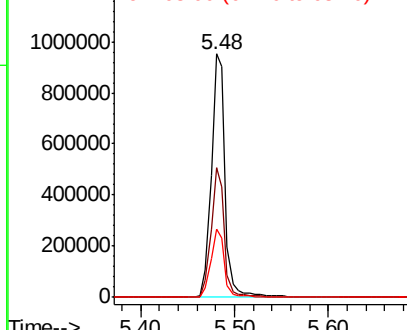
Tot Ion:	112	Resp:	996393
Ion Ratio	Lower	Upper	
112	100		
64	53.5	39.7	59.5
63	28.3	21.7	32.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.831 ng

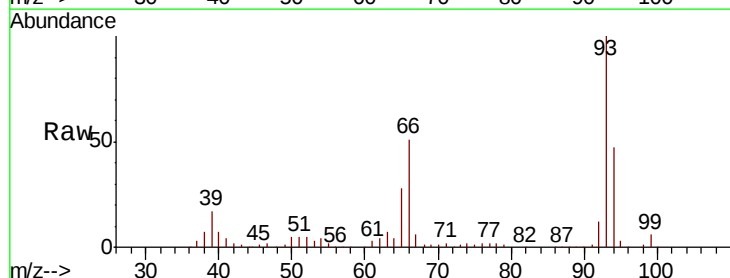
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

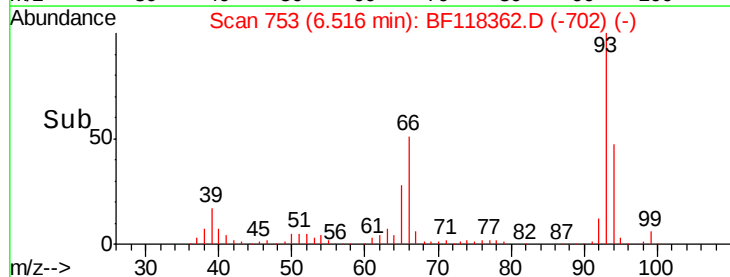
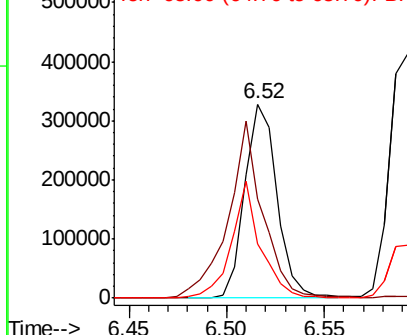
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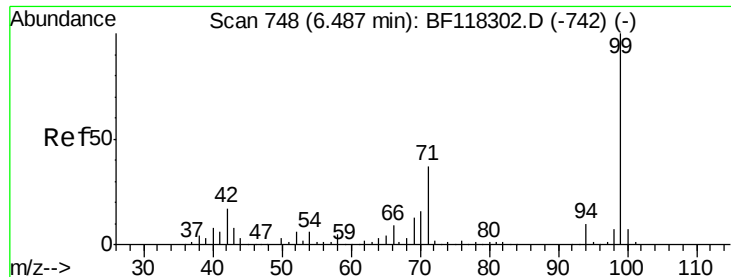
Acq: 28 Dec 2019 13:41

Tgt Ion:	93	Resp:	378600
Ion Ratio	Lower	Upper	
93	100		
66	51.2	30.2	45.4#
65	27.6	15.7	23.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.447 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PB125755BS

Tot Ion: 99 Resp: 1204647

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

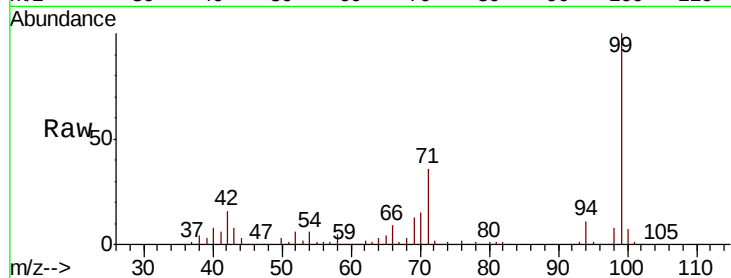
71 36.2 29.4 44.2

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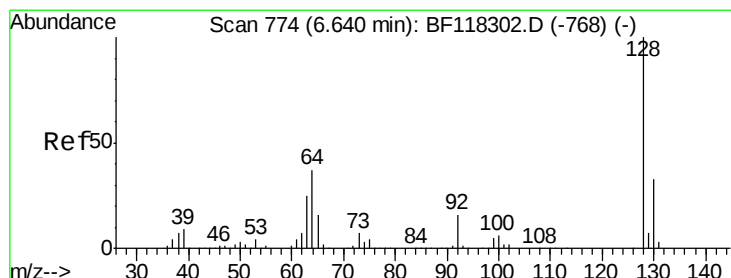
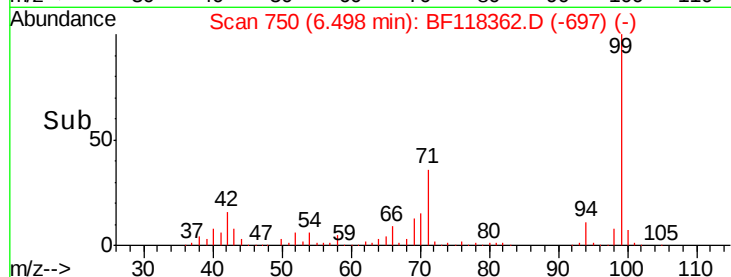
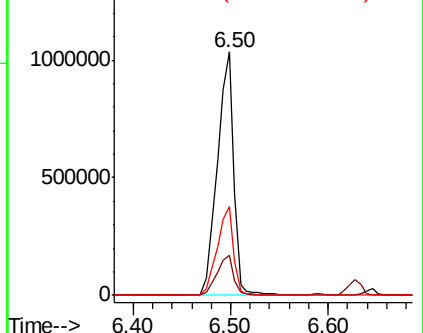
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.600 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

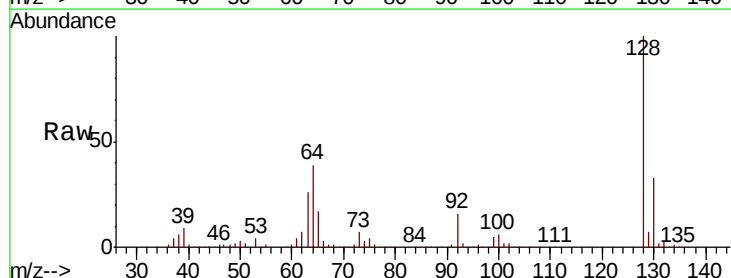
Tgt Ion: 128 Resp: 426436

Ion Ratio Lower Upper

128 100

130 33.0 13.2 53.2

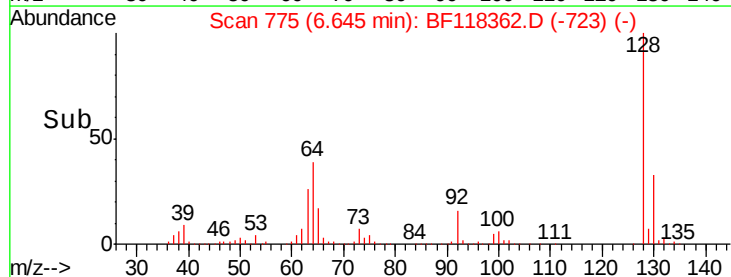
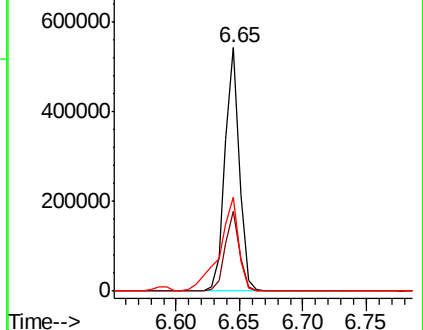
64 38.6 17.7 57.7

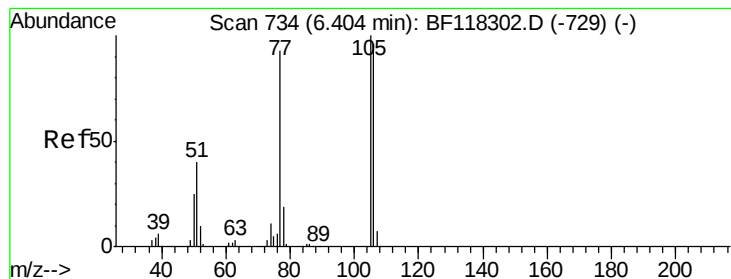


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.733 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

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BNA_F

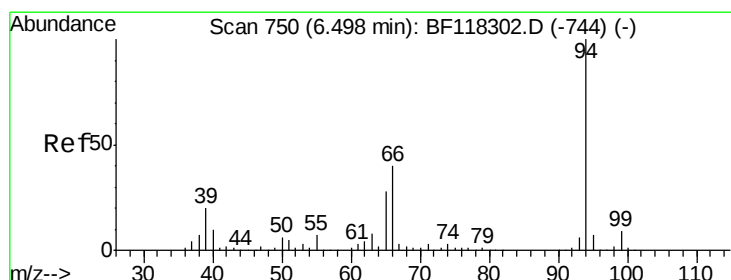
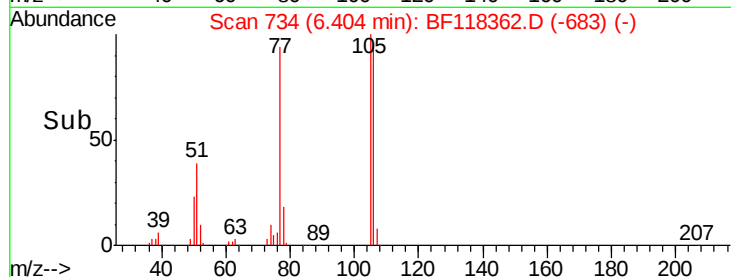
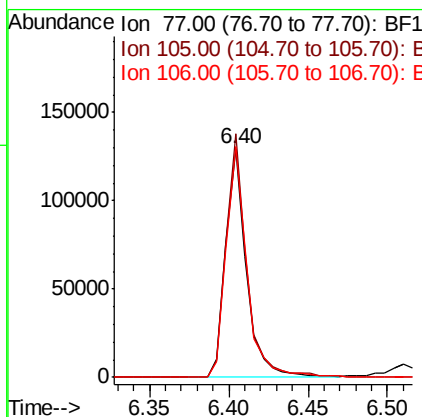
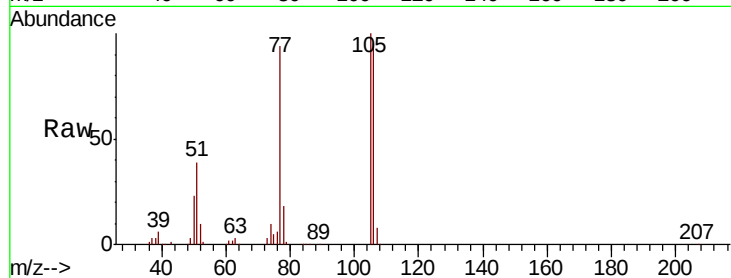
ClientSampleId :

PB125755BS

Tot Ion:	77	Resp:	117662
Ion	Ratio	Lower	Upper
77	100		
105	106.6	87.5	127.5
106	100.8	83.6	123.6

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#10

Phenol

Concen: 41.523 ng

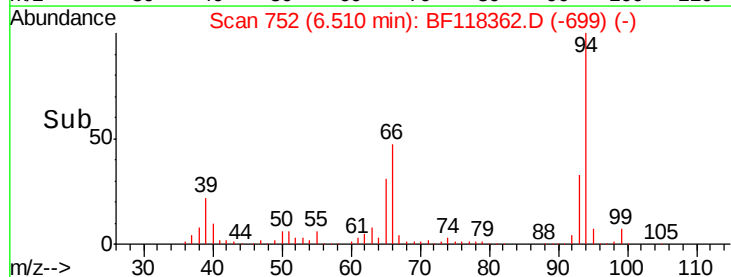
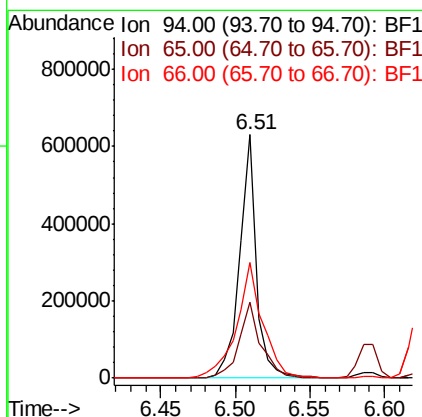
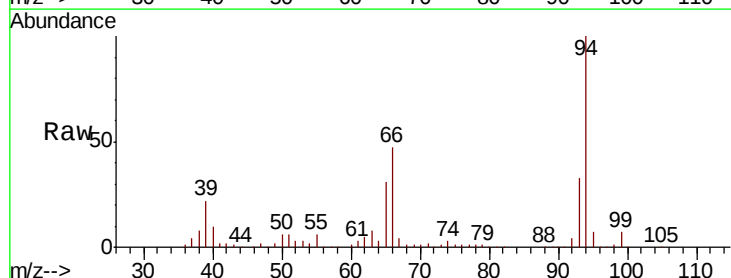
RT: 6.51 min Scan# 752

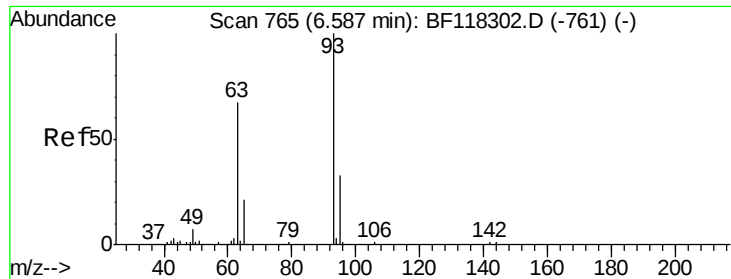
Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Tgt Ion:	94	Resp:	499982
Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.8	47.8
66	47.5	20.4	60.4





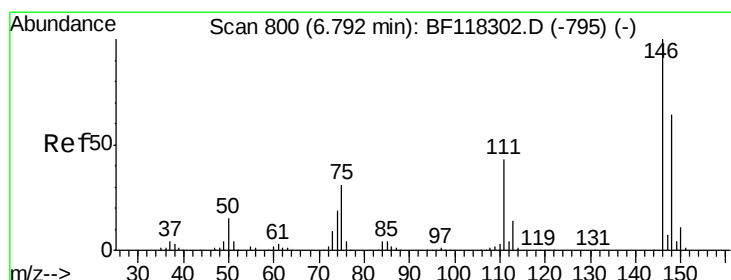
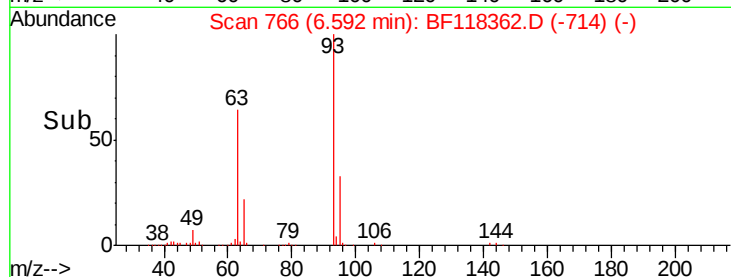
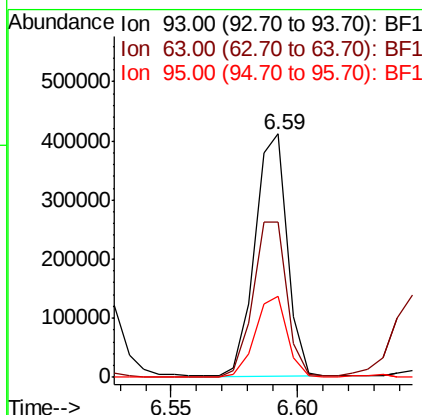
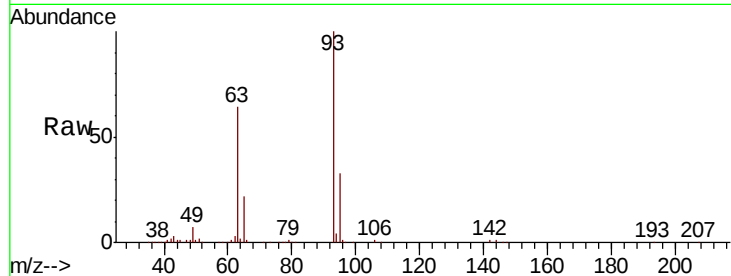
#11
bis(2-Chloroethyl)ether
Concen: 42.494 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	365932		
63	64.0		47.0	87.0
95	33.3		12.8	52.8

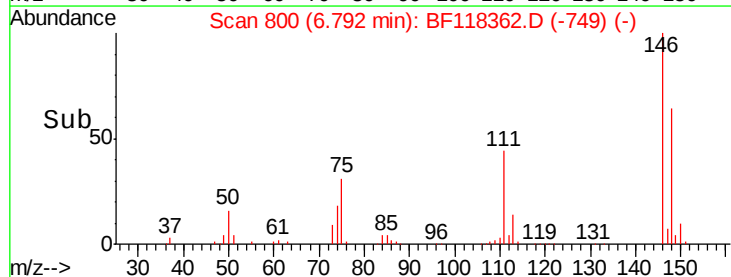
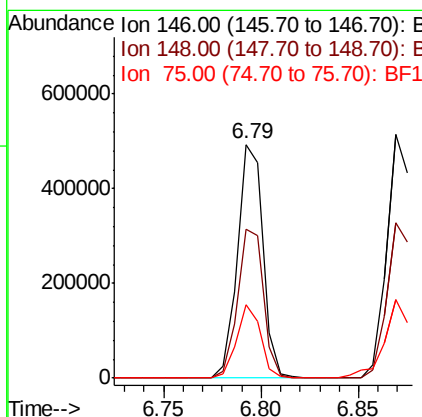
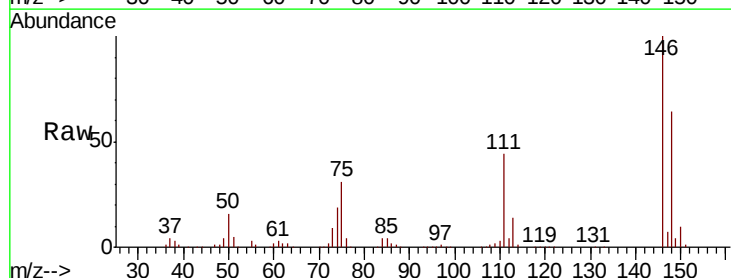
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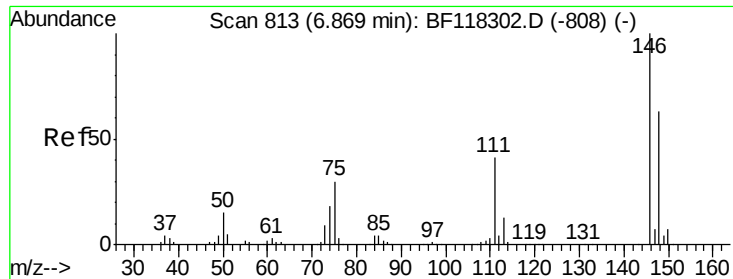
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.808 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	448415		
148	63.8		51.4	77.0
75	31.3		24.4	36.6





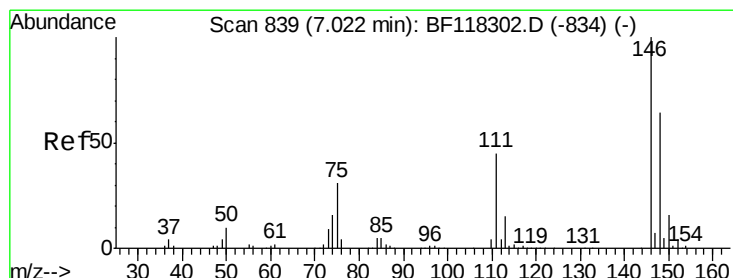
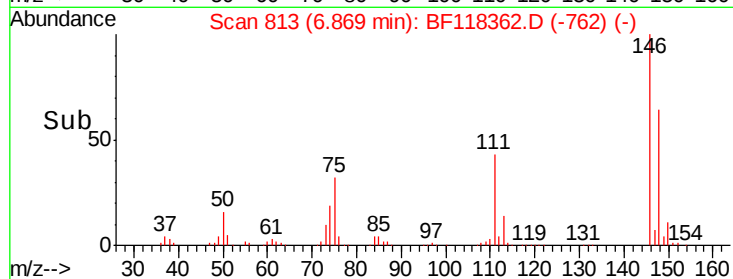
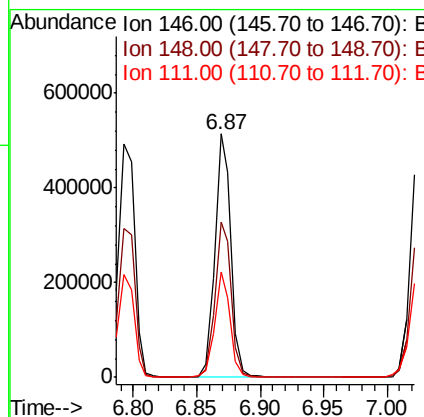
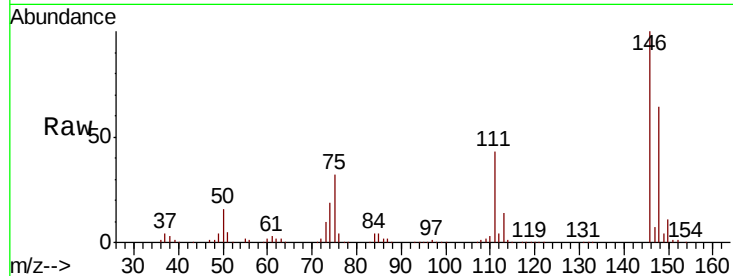
#13
1,4-Dichlorobenzene
Concen: 40.238 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	43.2	32.8	49.2

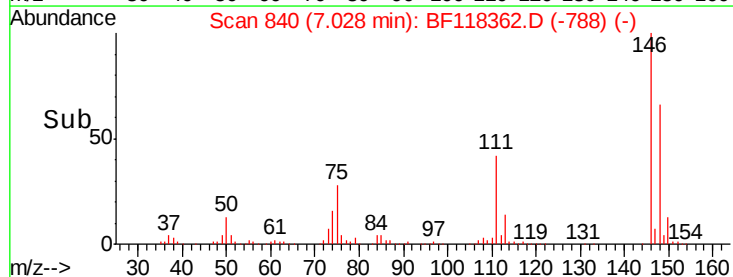
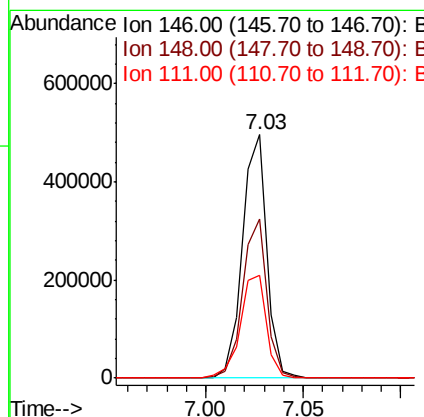
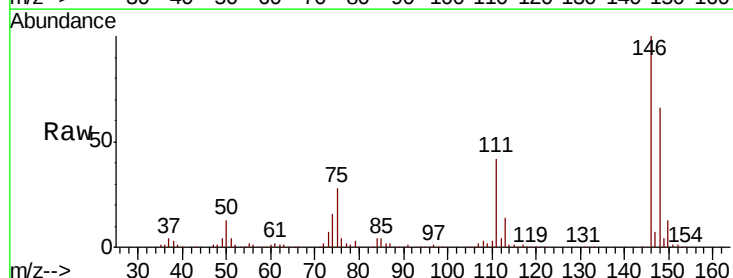
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APPROVED

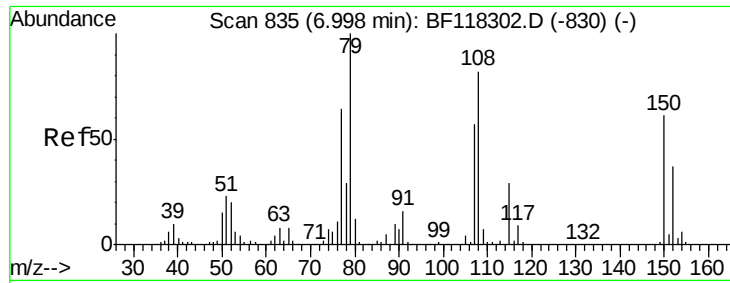
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#14
1,2-Dichlorobenzene
Concen: 39.859 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.3	76.9
111	42.3	35.7	53.5





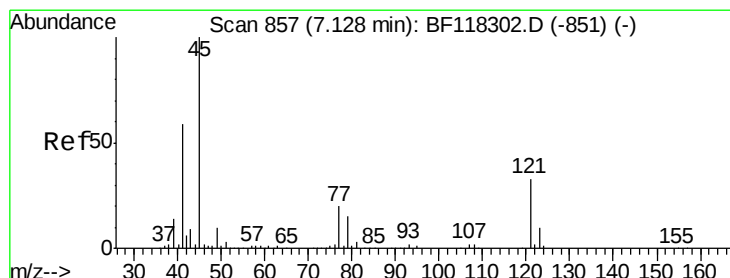
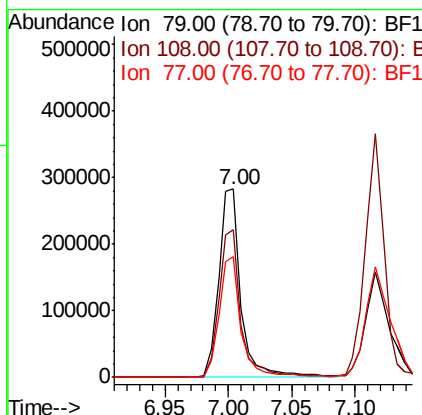
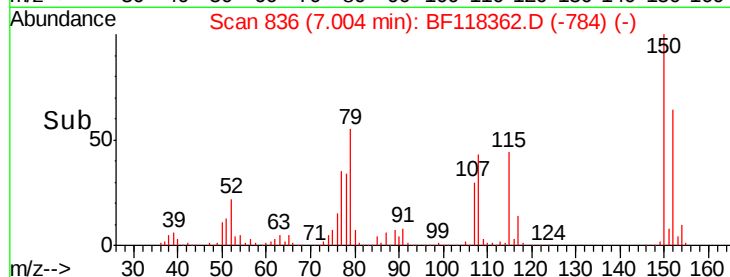
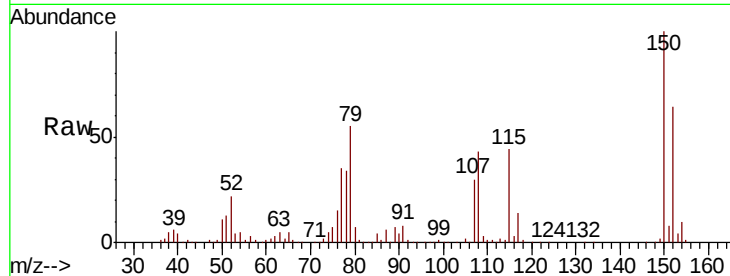
#15
Benzyl Alcohol
Concen: 42.422 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleID :
PB125755BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	65.4	98.0
77	64.4	51.4	77.0

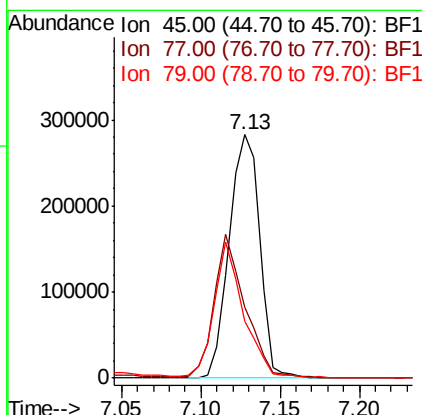
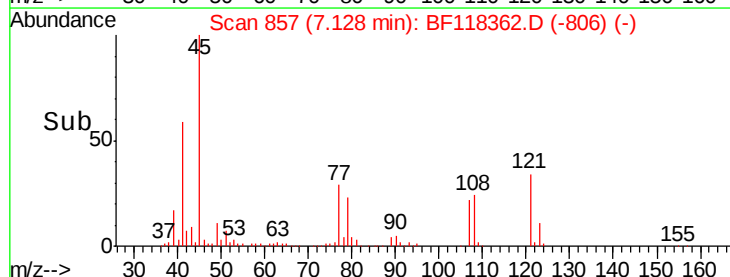
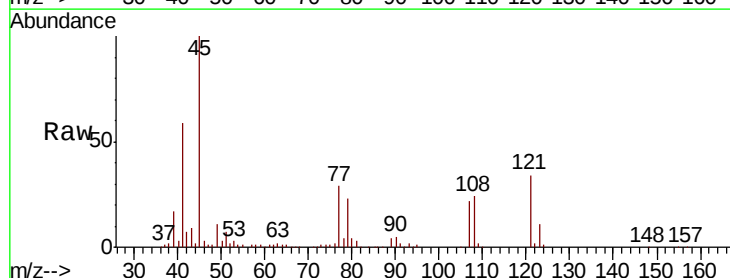
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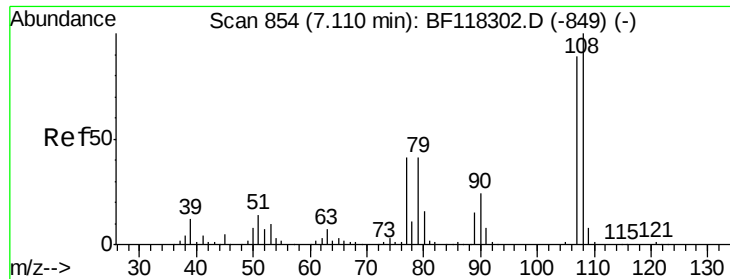
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.817 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.2	1.2	41.2
79	23.4	0.0	37.0





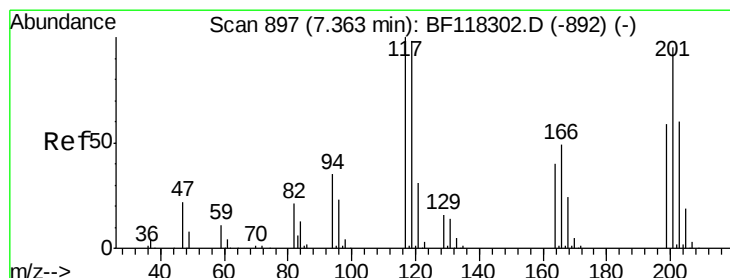
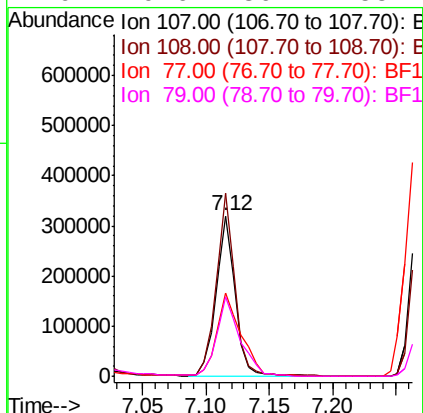
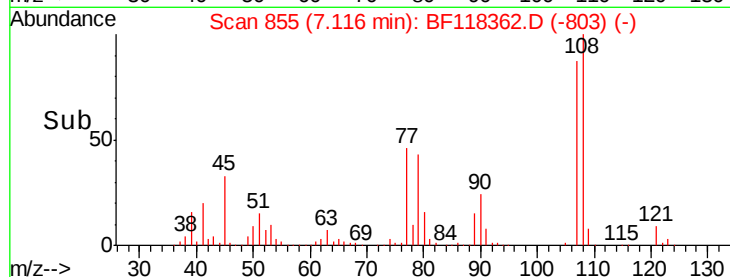
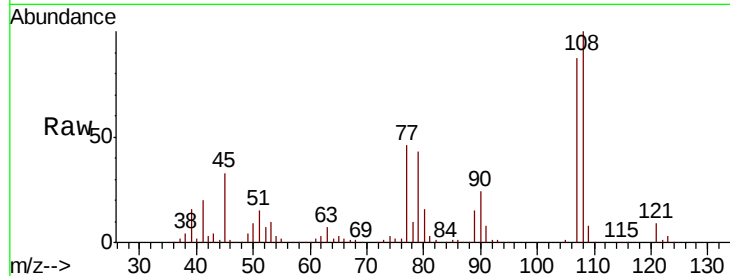
#17
2-Methylphenol
Concen: 43.328 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.7	134.5
77	52.2	37.2	55.8
79	49.6	36.7	55.1

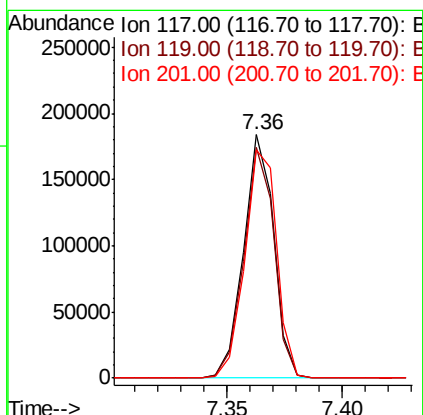
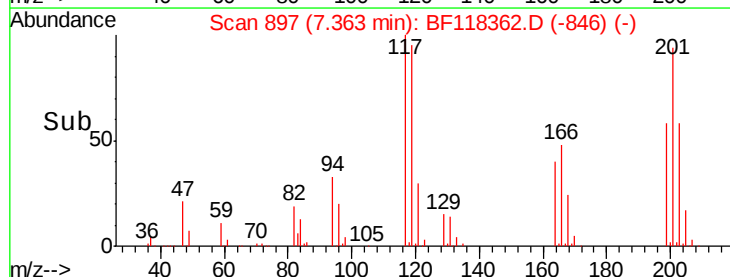
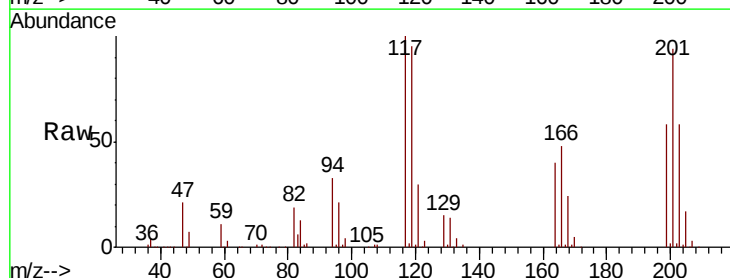
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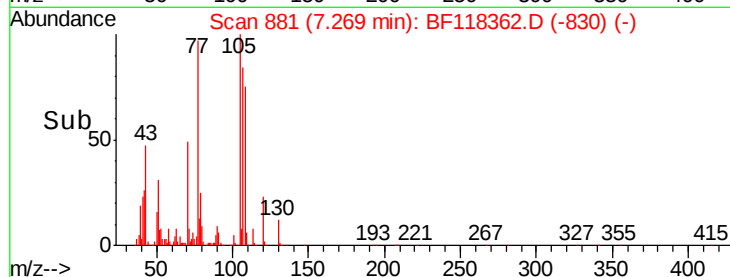
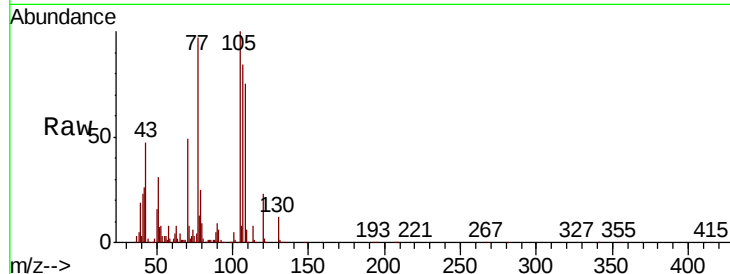
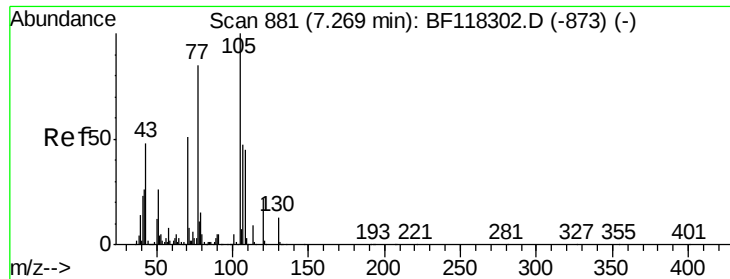
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#18
Hexachloroethane
Concen: 40.014 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.0	117.0
201	94.0	76.2	114.2





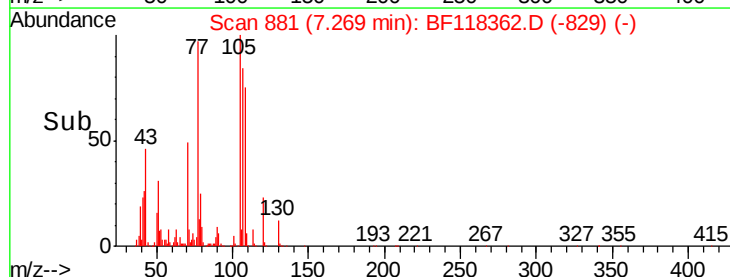
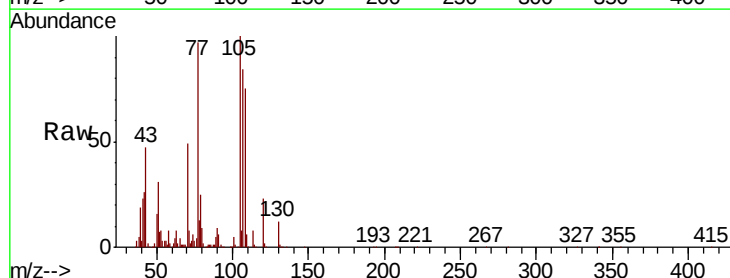
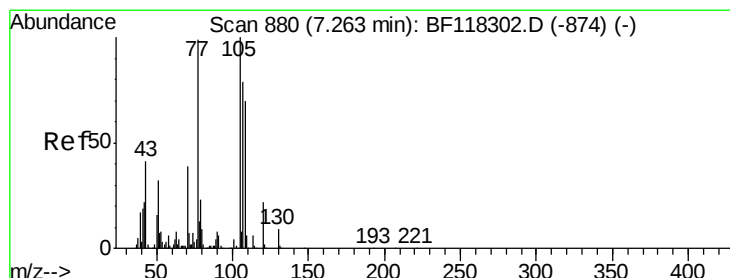
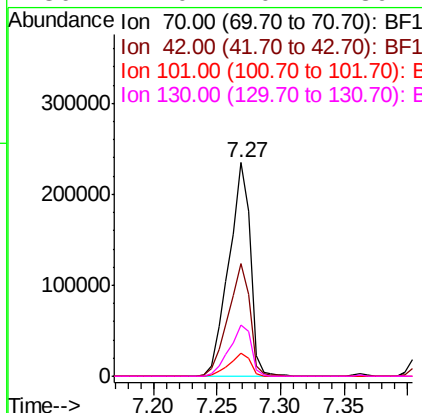
#19
n-Nitroso-di-n-propylamine
Concen: 41.656 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.1	61.7
101	10.8	8.3	12.5
130	24.0	20.1	30.1

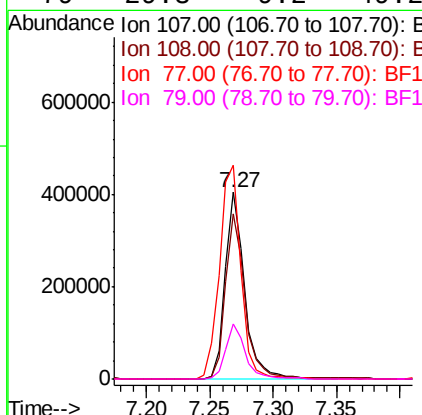
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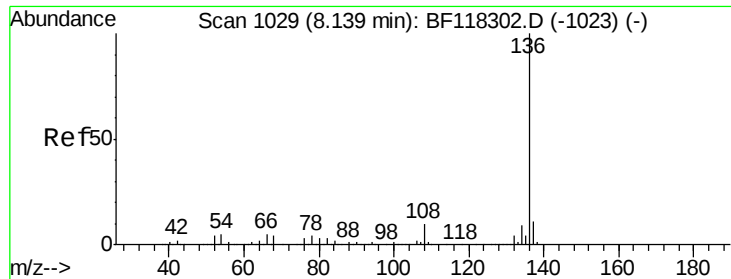
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#20
3+4-Methylphenols
Concen: 42.461 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.3	109.3
77	114.5	105.9	145.9
79	29.3	9.2	49.2





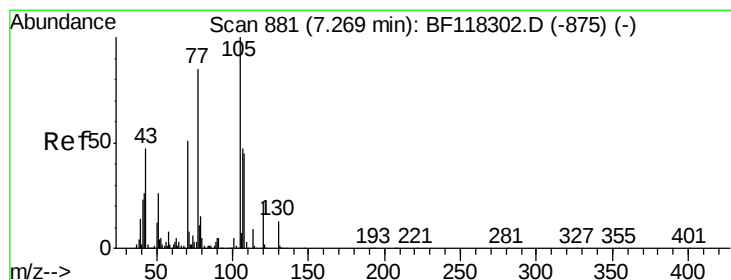
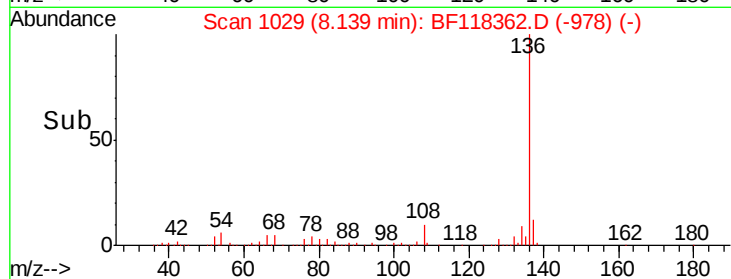
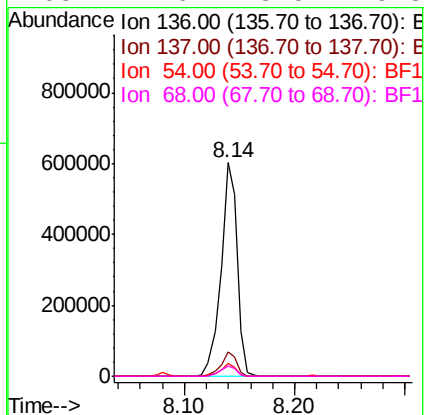
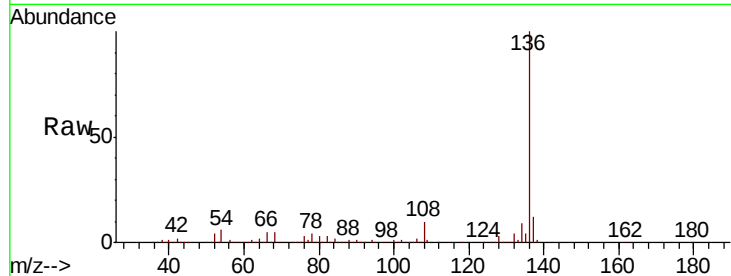
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		615190		
137	11.6	8.9	13.3		
54	5.7	4.2	6.4		
68	4.6	3.5	5.3		

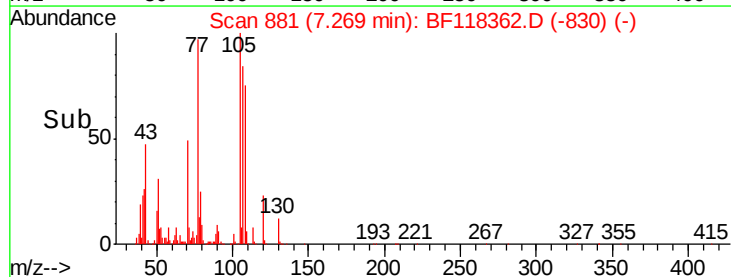
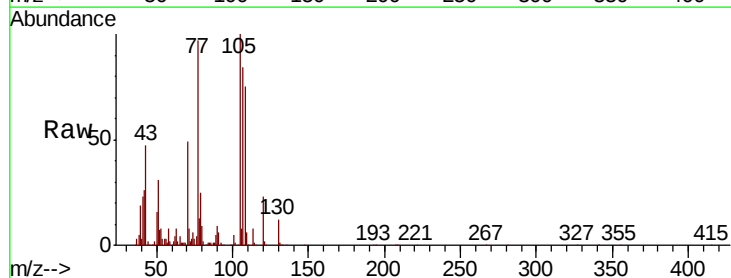
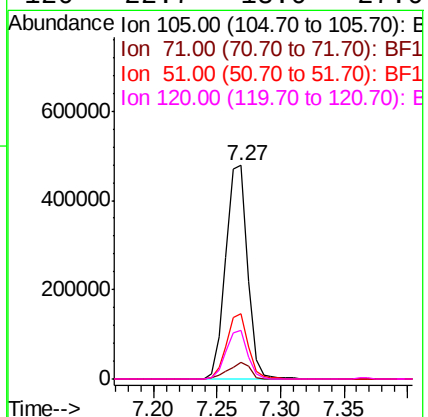
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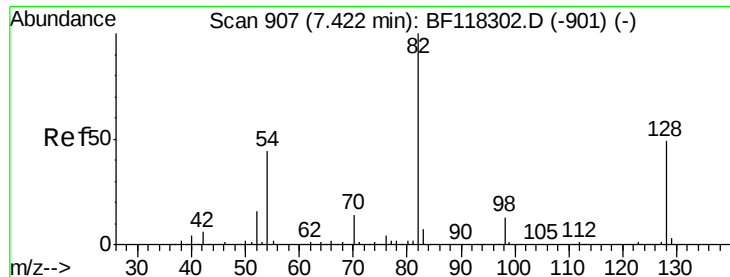
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#22
Acetophenone
Concen: 37.857 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		570800		
71	8.0	6.6	9.8		
51	30.9	20.6	30.8		
120	22.7	18.0	27.0		





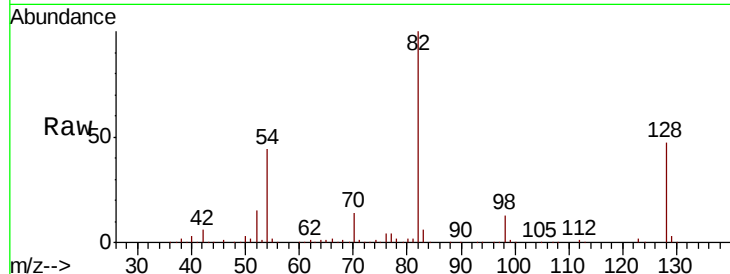
#23
Nitrobenzene-d5
Concen: 73.914 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

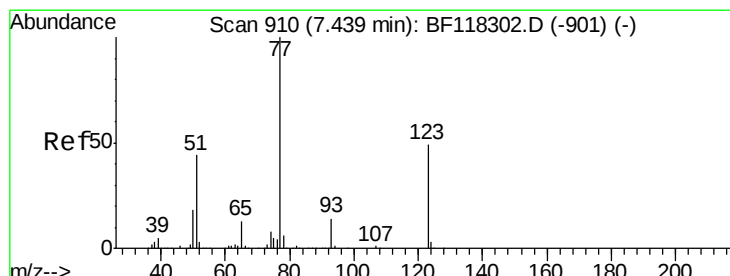
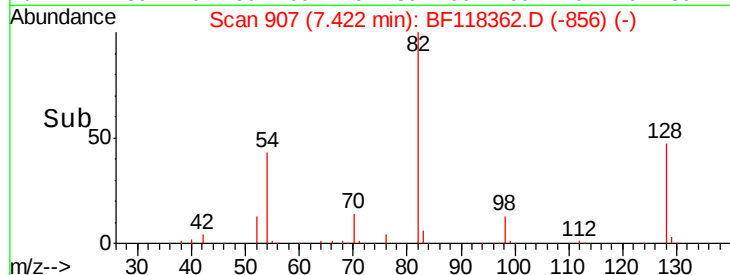
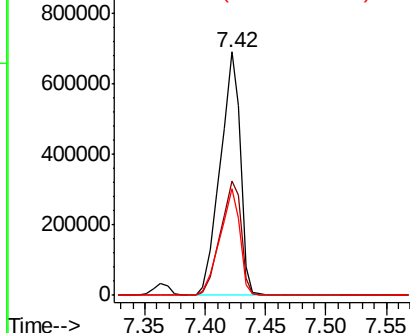
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.6	59.4
54	43.6	34.9	52.3

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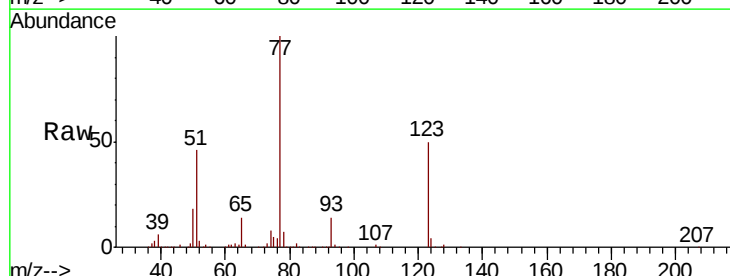


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

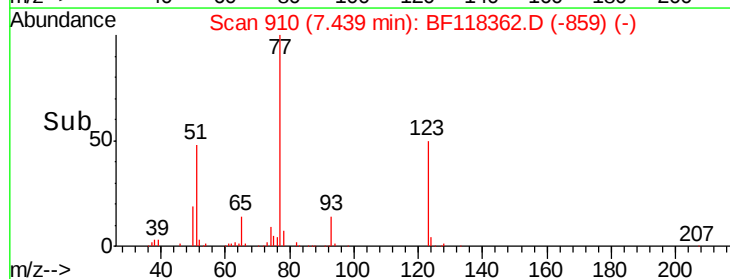
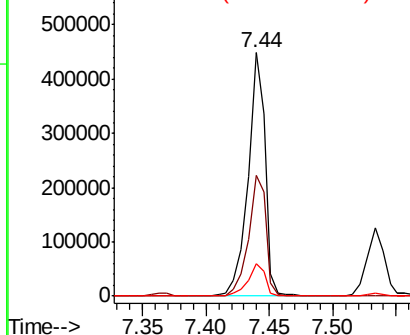


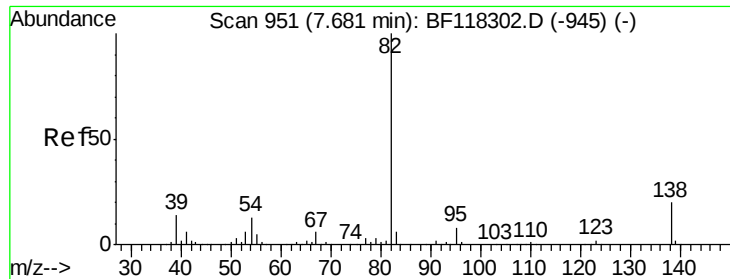
#24
Nitrobenzene
Concen: 38.755 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	39.1	58.7
65	13.6	10.6	16.0



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





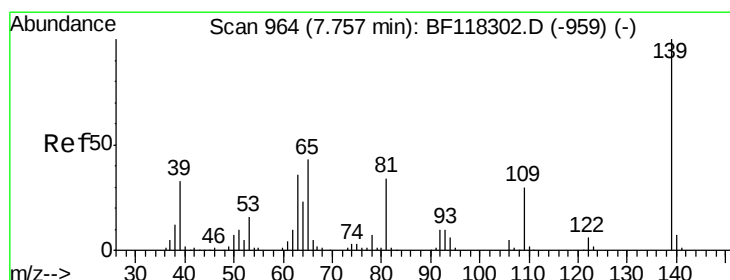
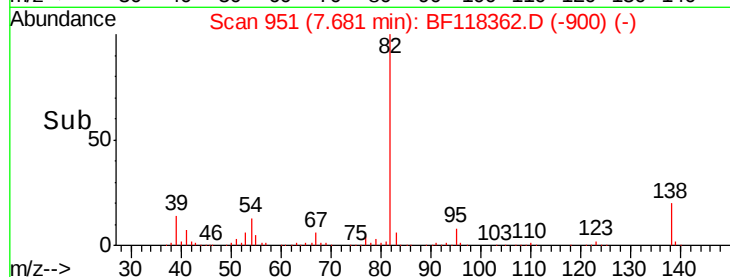
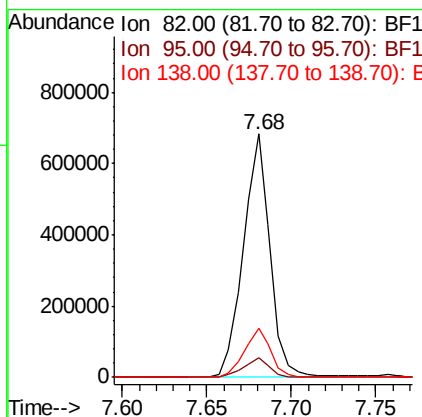
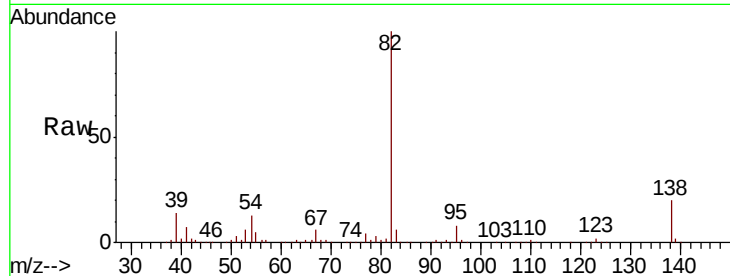
#25
Isophorone
Concen: 40.002 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	749858		
95	7.9		6.3	9.5
138	19.9		16.2	24.2

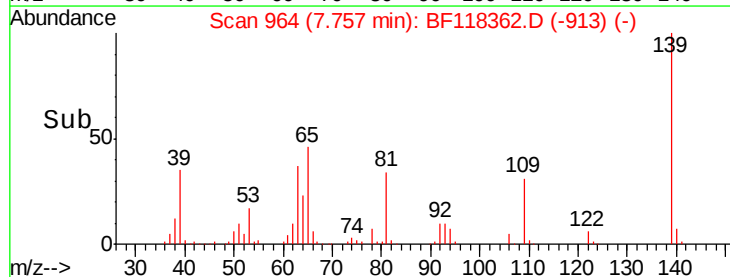
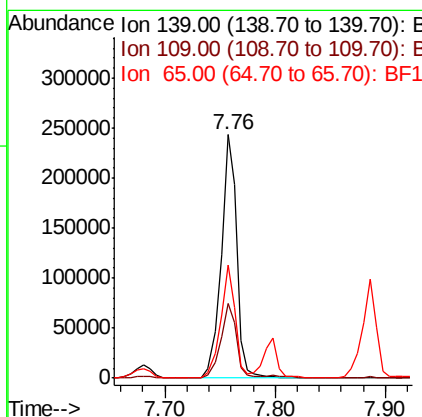
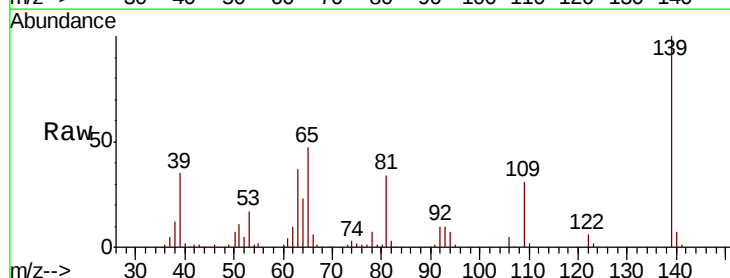
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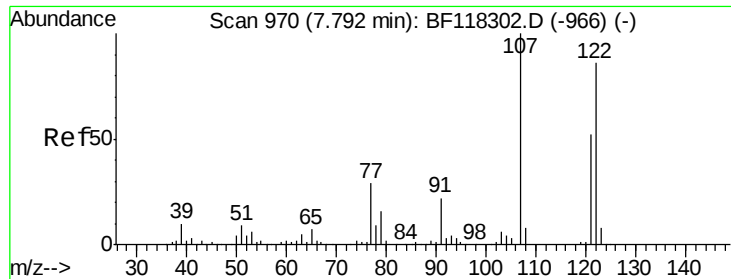
mohammad
12/30/2019 2:08:36 PM



#26
2-Nitrophenol
Concen: 41.999 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	239688		
109	30.7		24.1	36.1
65	46.7		34.6	52.0





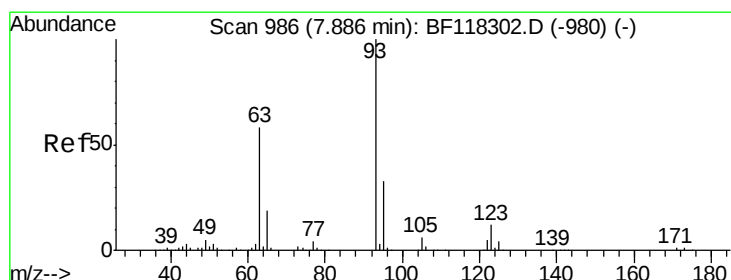
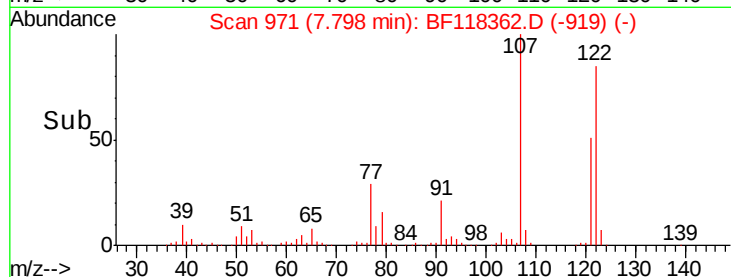
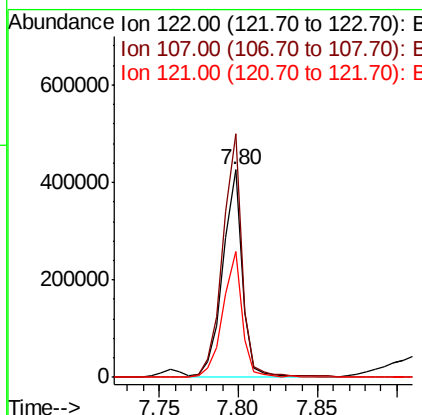
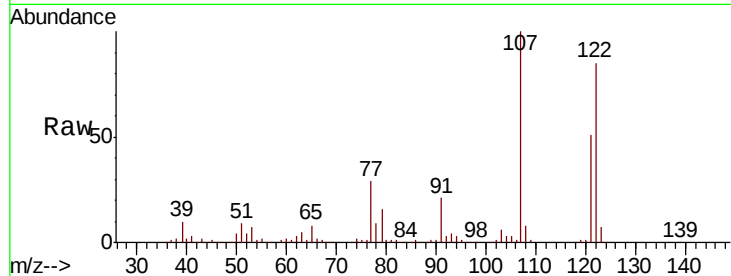
#27
2,4-Dimethylphenol
Concen: 46.942 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	365515		
107	117.3	92.9	139.3	
121	60.4	47.9	71.9	

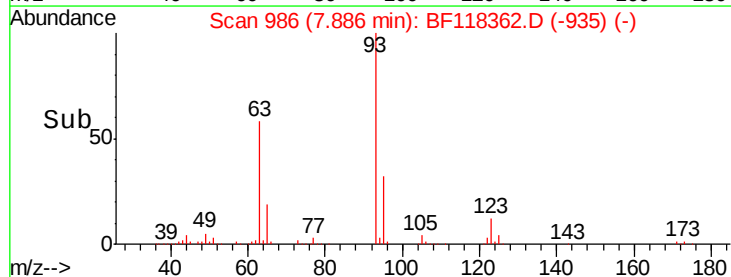
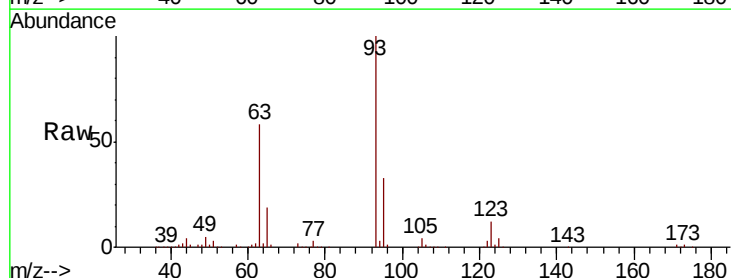
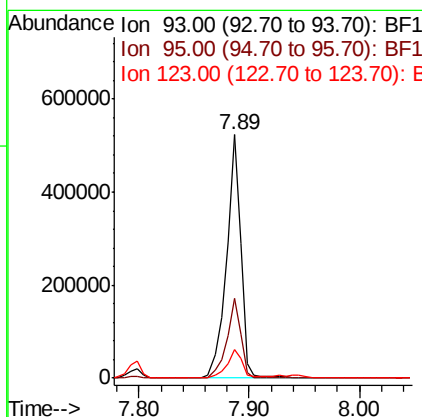
Manual Integrations
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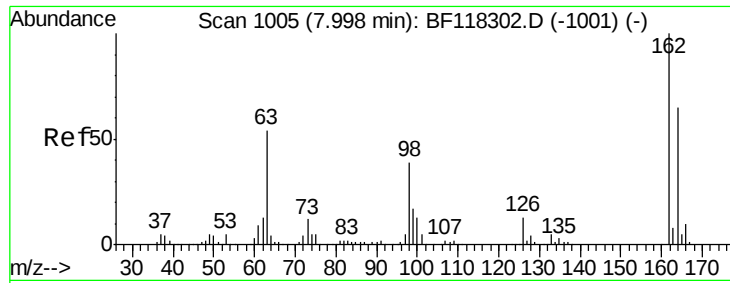
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.834 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	476080		
95	32.6	26.2	39.4	
123	11.6	9.8	14.8	





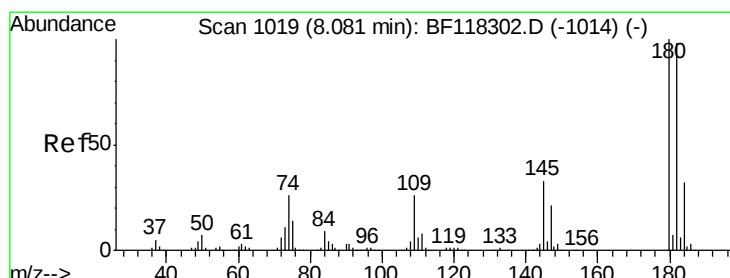
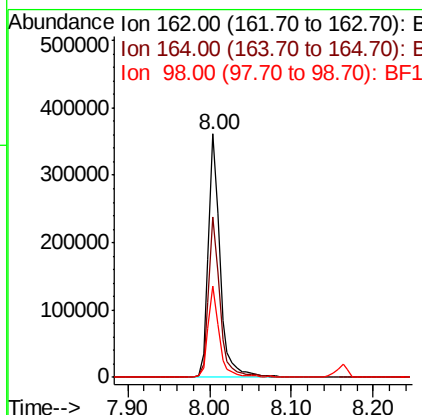
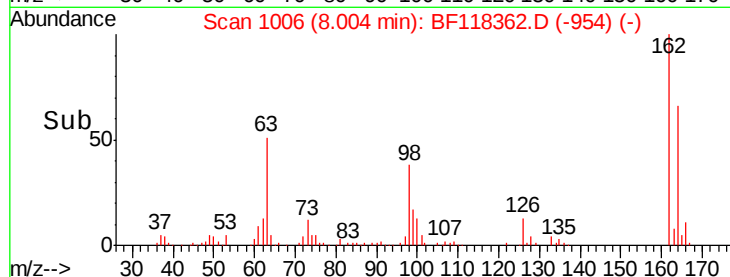
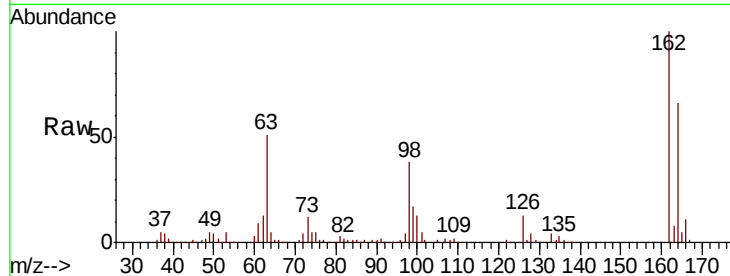
#29
2,4-Dichlorophenol
Concen: 40.239 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleID :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	360629		
164	65.7	45.1	85.1	
98	37.7	18.6	58.6	

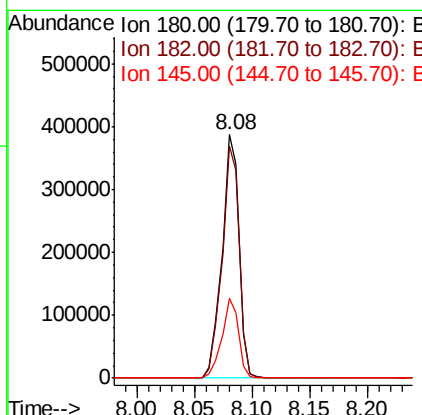
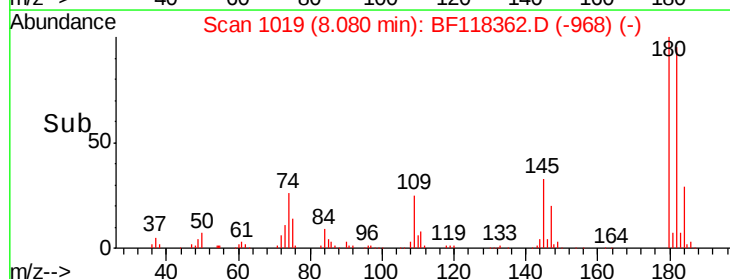
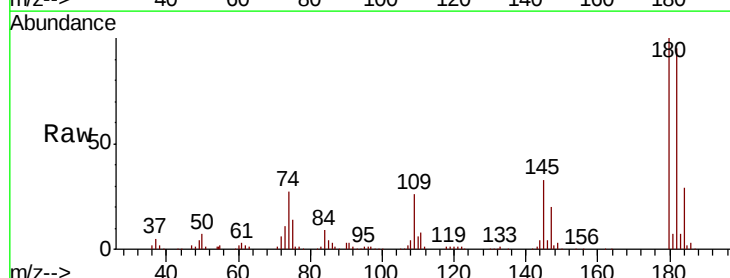
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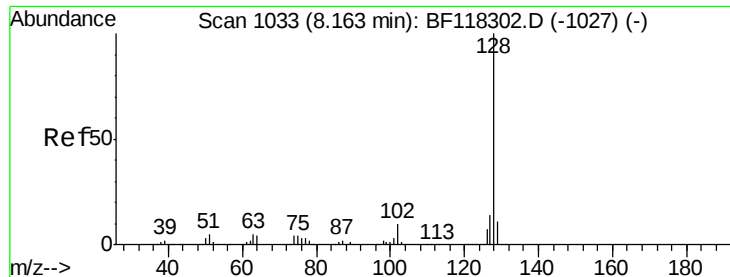
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#30
1,2,4-Trichlorobenzene
Concen: 38.149 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	398282		
182	95.2	78.3	117.5	
145	32.8	26.7	40.1	





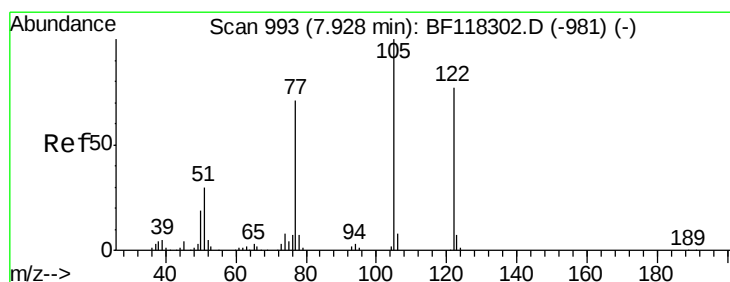
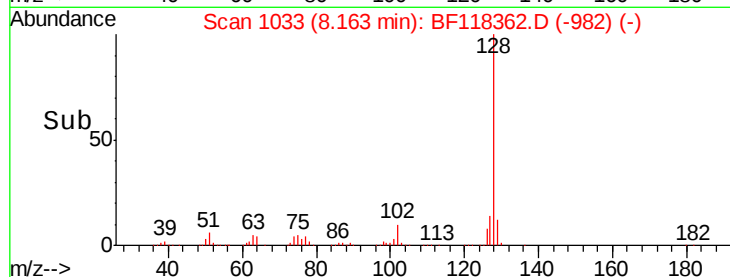
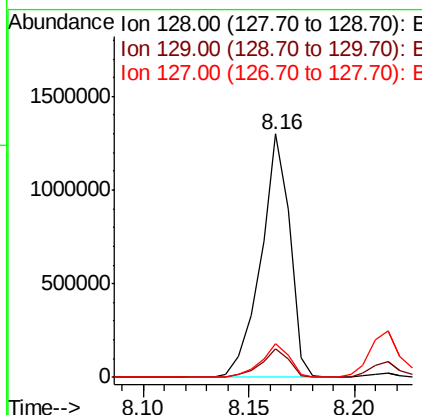
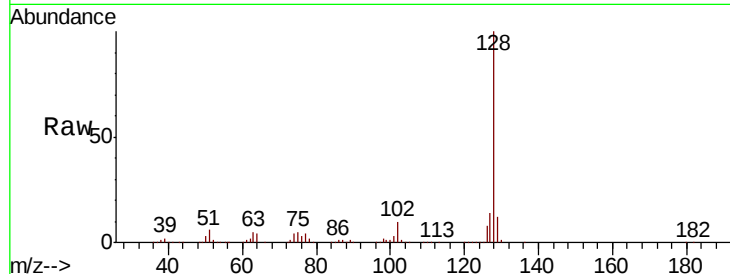
#31
Naphthalene
Concen: 39.663 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.7	11.0	16.4

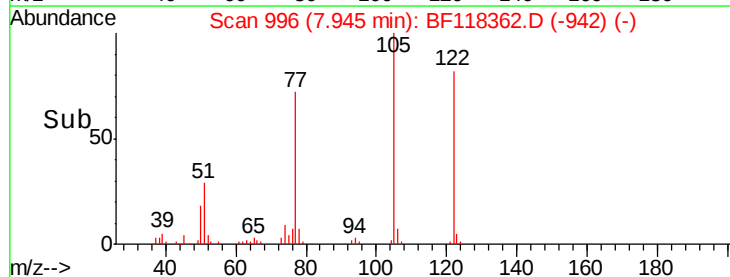
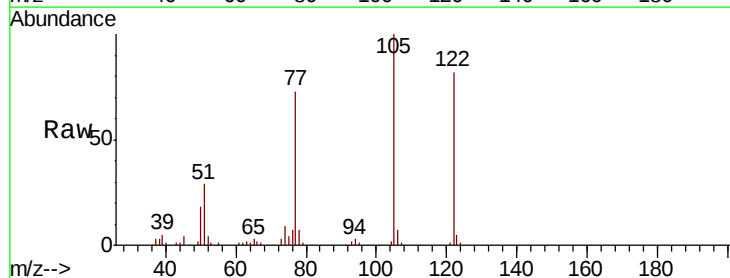
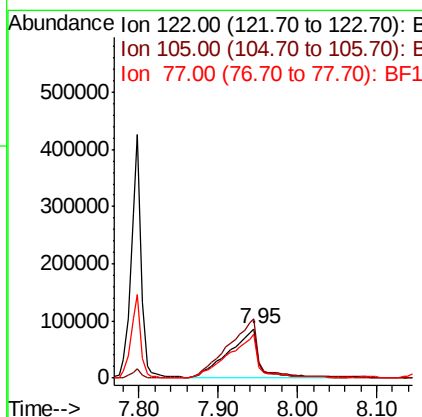
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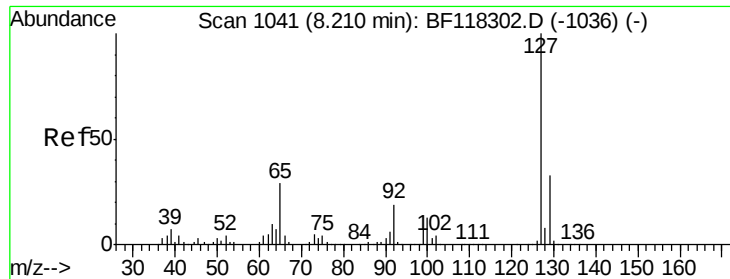
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#32
Benzoic acid
Concen: 35.823 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	106.8	146.8
77	88.7	70.4	110.4





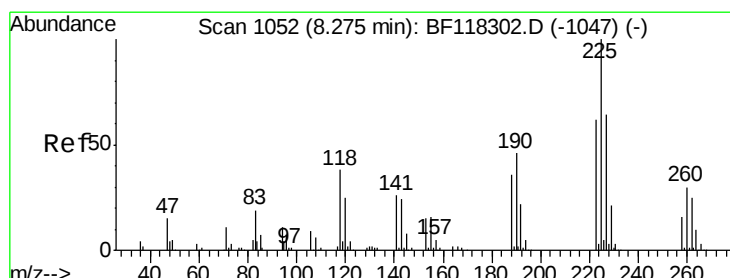
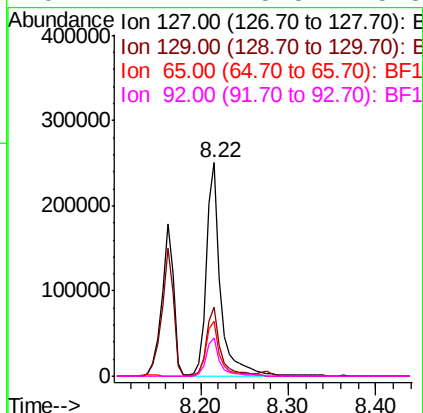
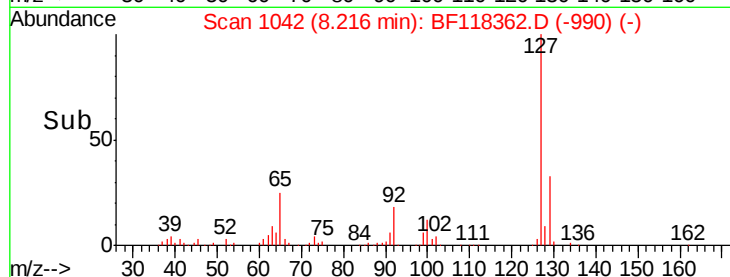
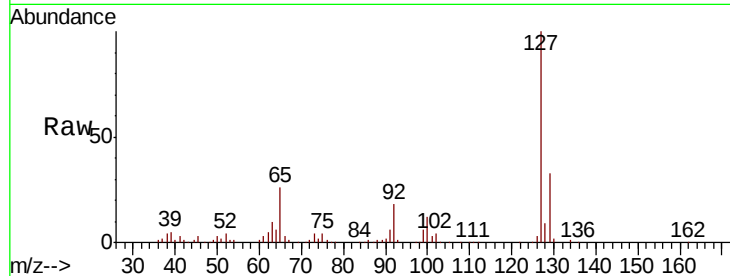
#33
4-Chloroaniline
Concen: 20.985 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	281288		
129	32.7	26.5	39.7	
65	25.8	22.8	34.2	
92	17.7	15.5	23.3	

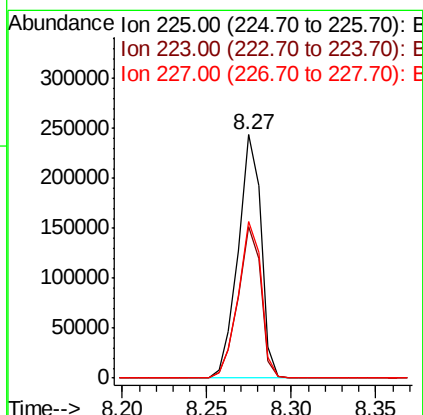
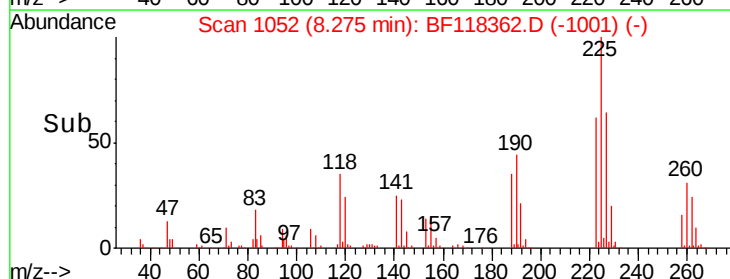
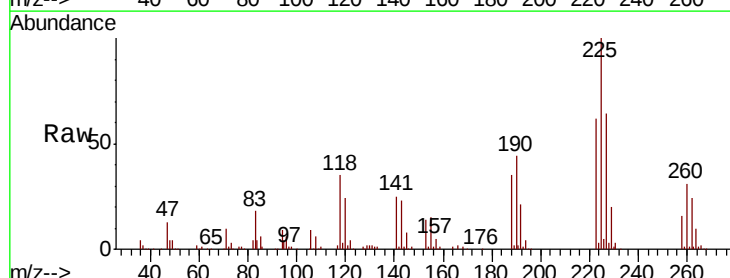
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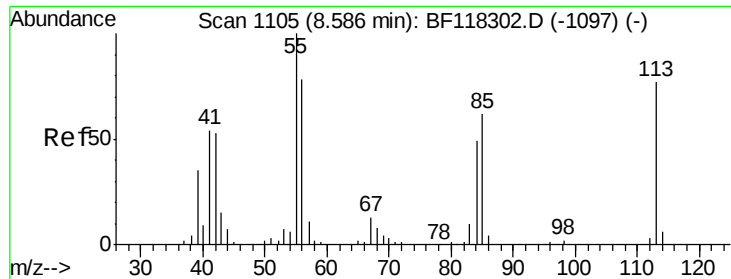
mohammad
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#34
Hexachlorobutadiene
Concen: 37.228 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231358		
223	62.2	49.5	74.3	
227	64.1	51.0	76.4	





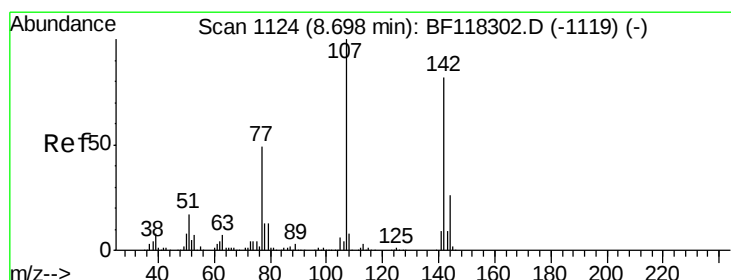
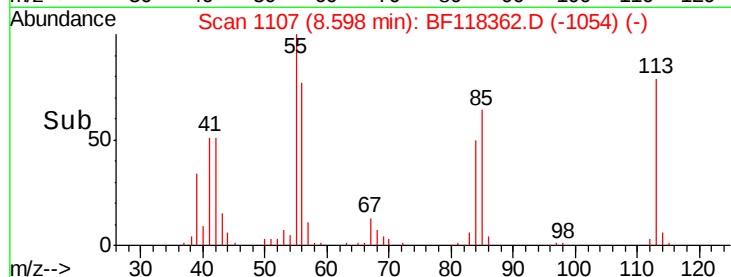
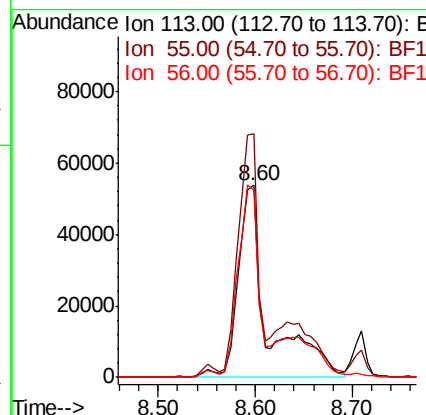
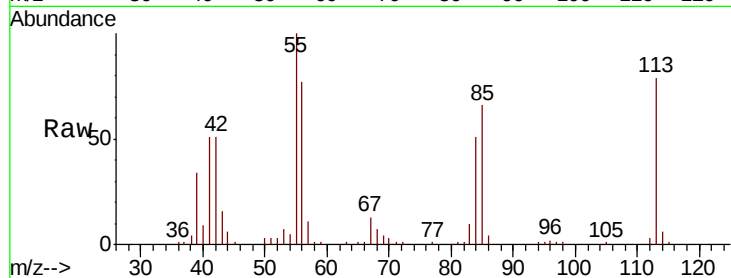
#35
Caprolactam
Concen: 40.661 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	126.7	109.8	149.8
56	97.5	81.7	121.7

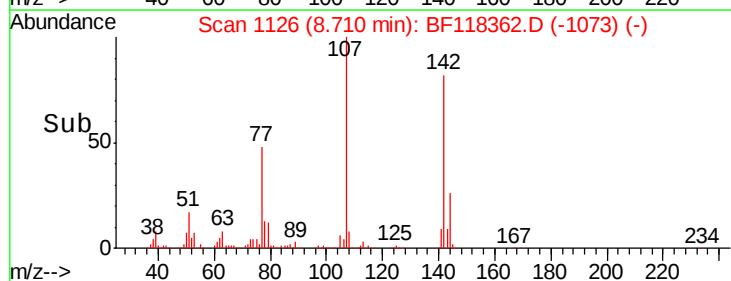
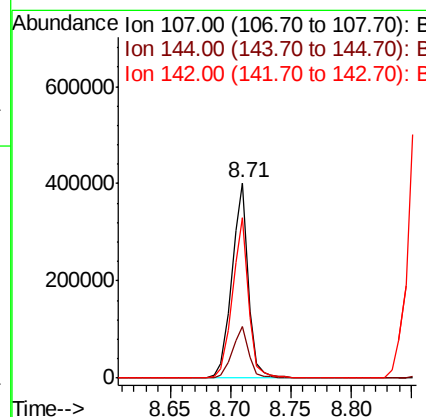
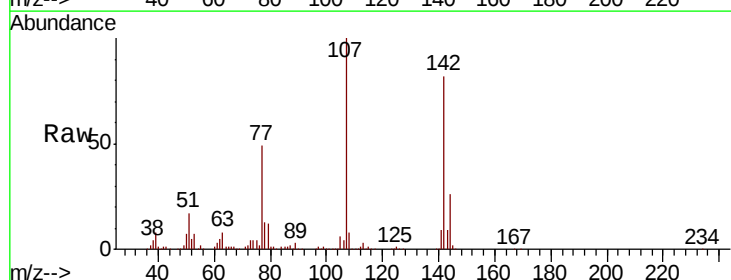
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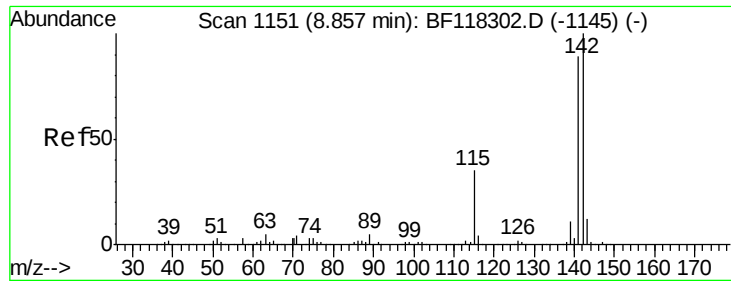
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#36
4-Chloro-3-methylphenol
Concen: 39.518 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.2	31.8
142	81.8	65.4	98.2





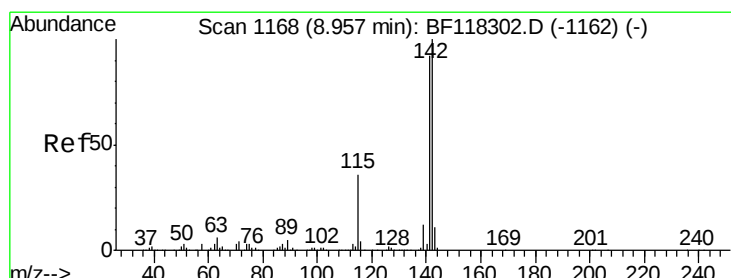
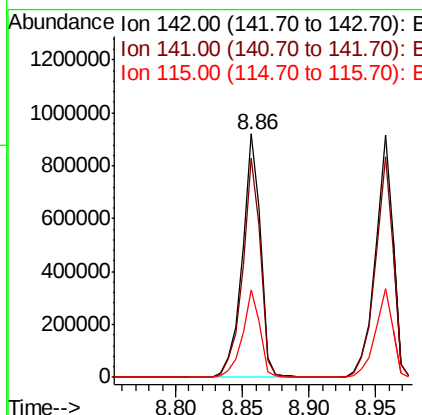
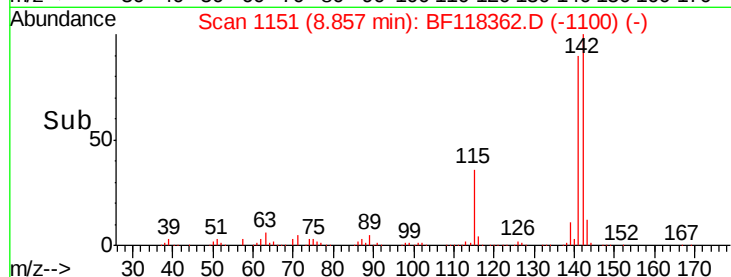
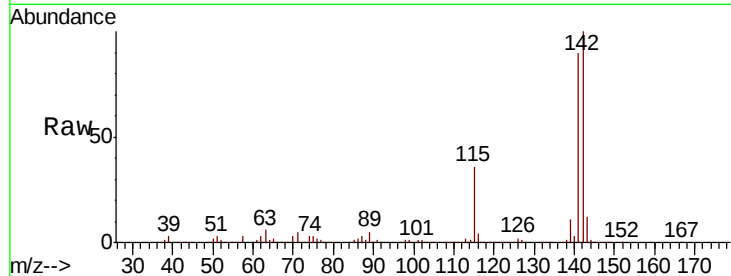
#37
2-Methylnaphthalene
Concen: 40.563 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	35.7	28.0	42.0

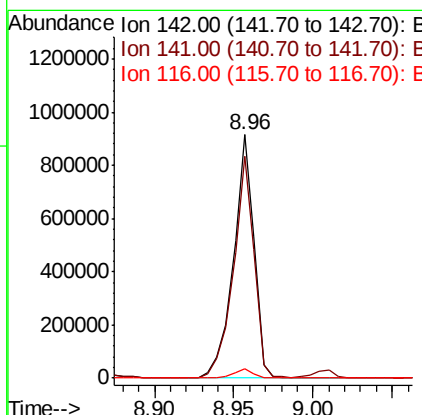
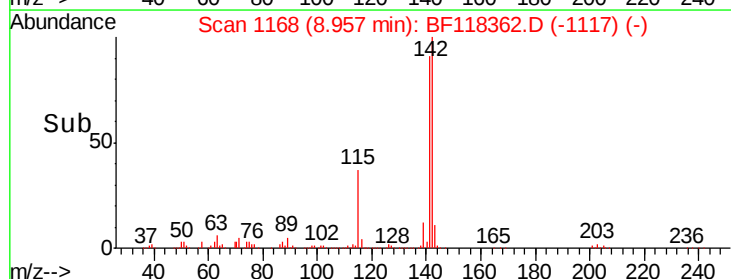
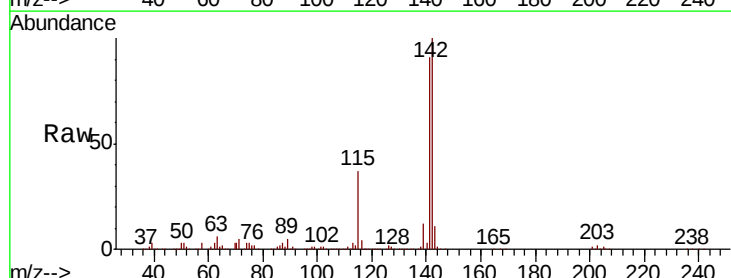
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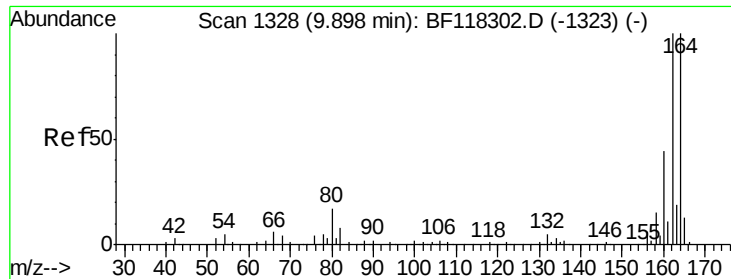
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#38
1-Methylnaphthalene
Concen: 40.659 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2
116	3.9	2.9	4.3





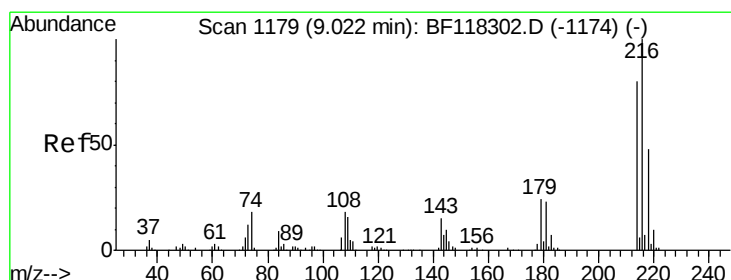
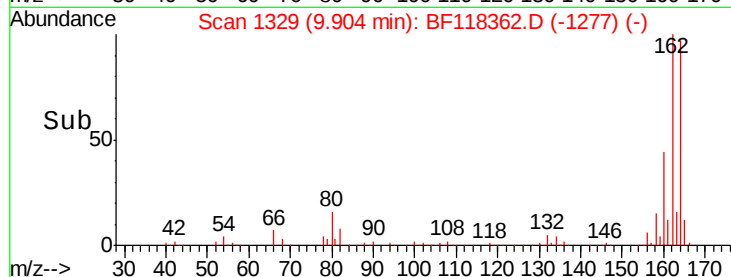
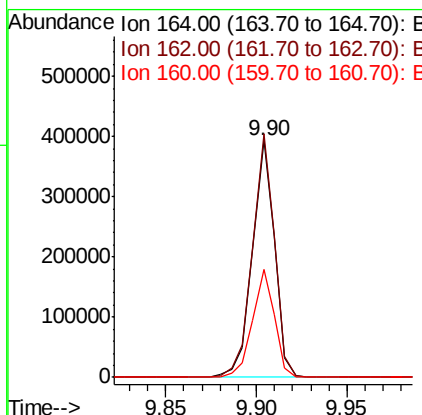
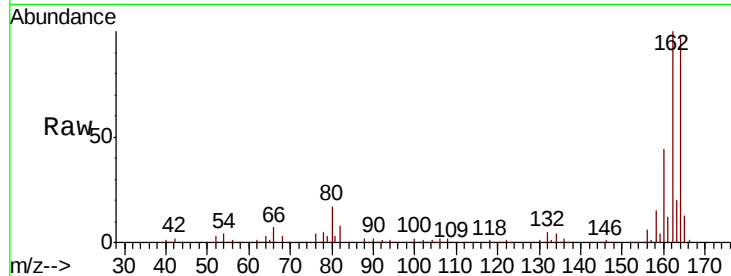
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.0	120.0
160	45.6	34.8	52.2

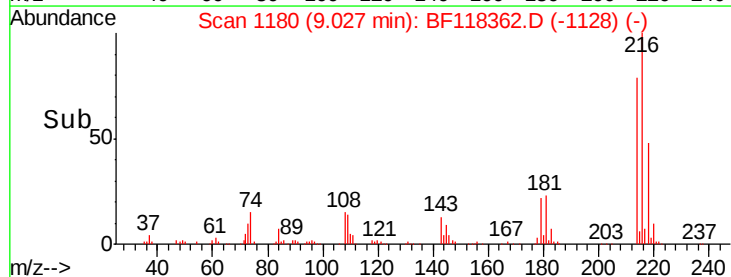
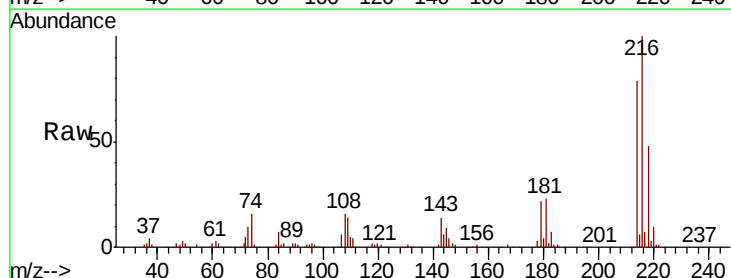
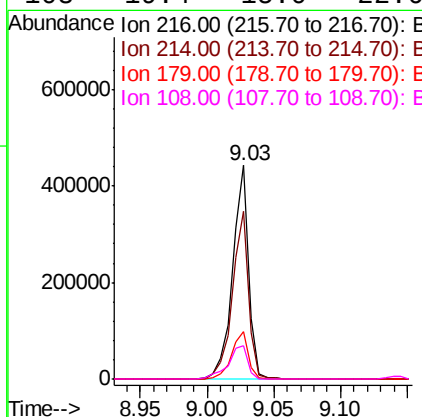
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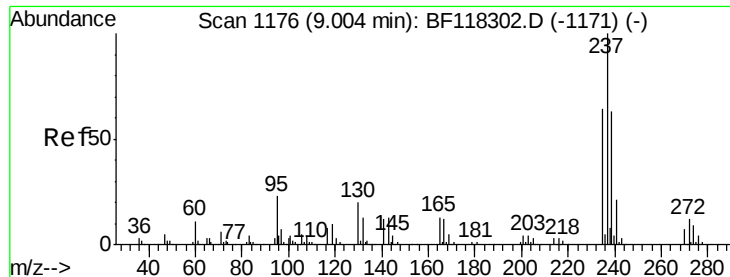
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.678 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	23.0	18.9	28.3
108	19.4	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 53.960 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

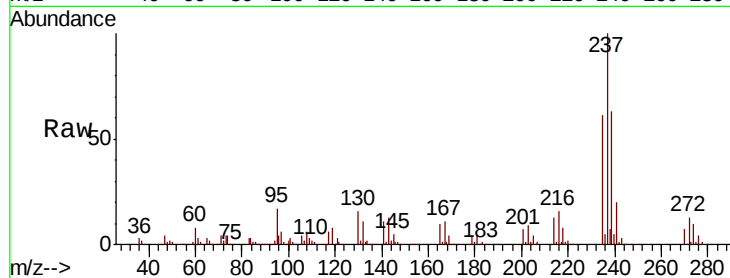
ClientSampleId :

PB125755BS

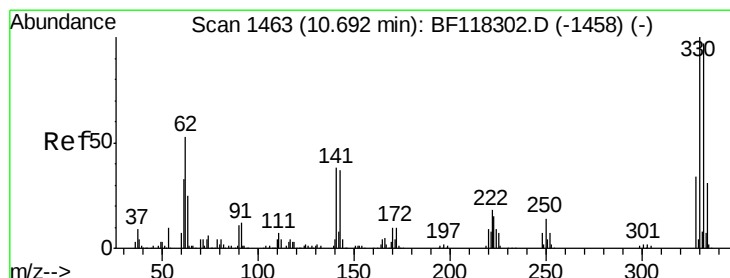
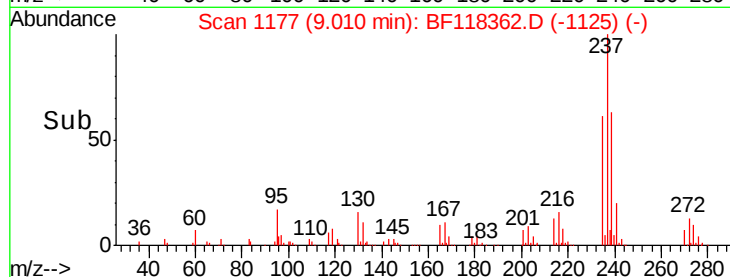
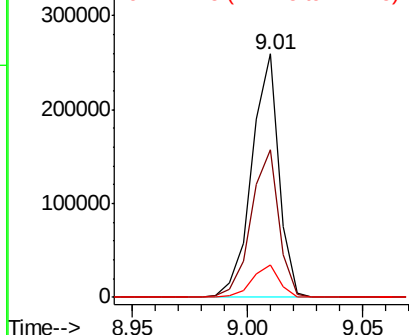
Tot Ion:	237	Resp:	213645
Ion Ratio	Lower	Upper	
237	100		
235	60.8	43.8	83.8
272	13.3	0.0	31.7

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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: 103.998 ng

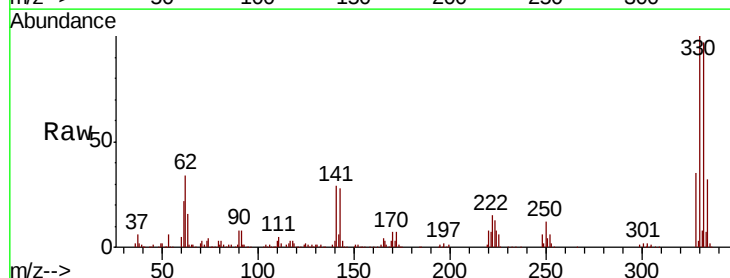
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

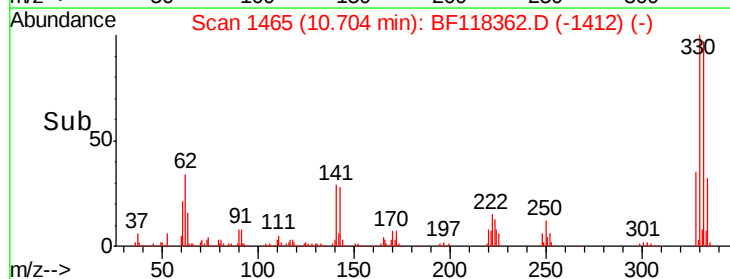
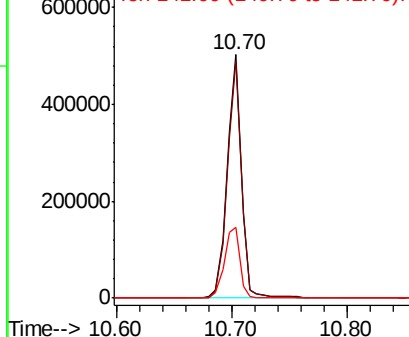
Lab File: BF118362.D

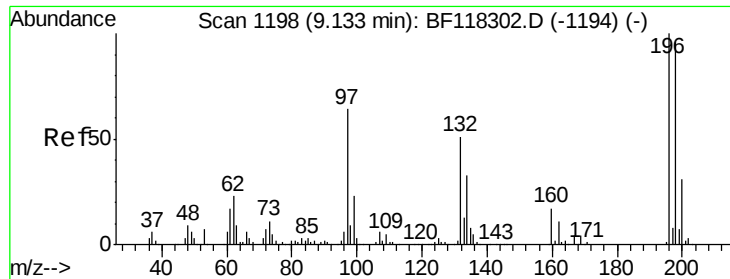
Acq: 28 Dec 2019 13:41

Tgt Ion:	330	Resp:	428220
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	114.8
141	32.1	26.0	39.0



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





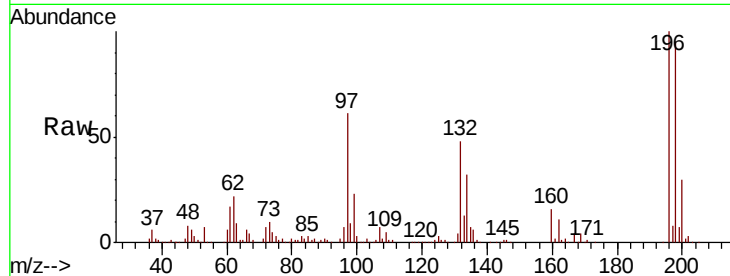
#43
 2,4,6-Trichlorophenol
 Concen: 38.323 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	256485		
198	94.9	76.7	115.1	
200	29.6	24.8	37.2	

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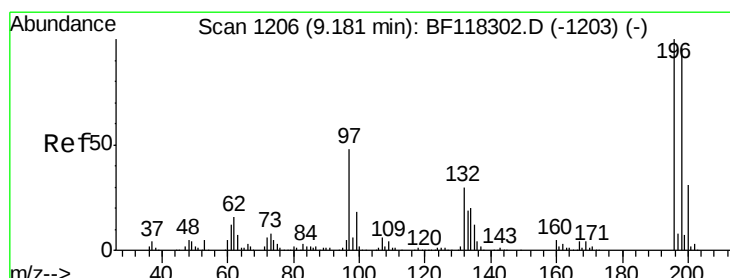
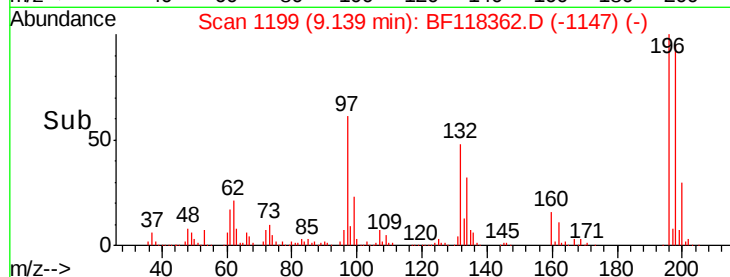
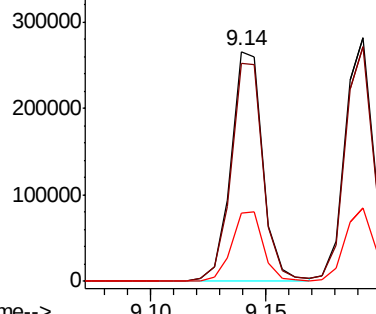


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.780 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	266994		
198	96.5	77.0	115.4	
97	45.7	38.9	58.3	
132	28.0	23.9	35.9	

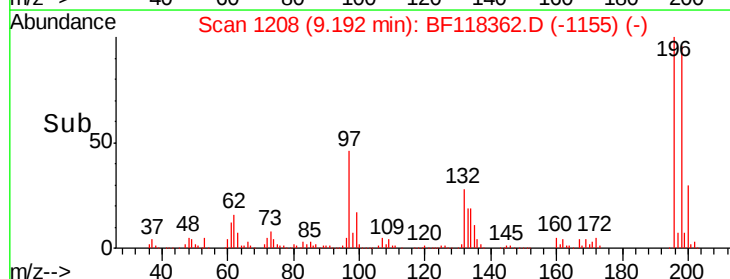
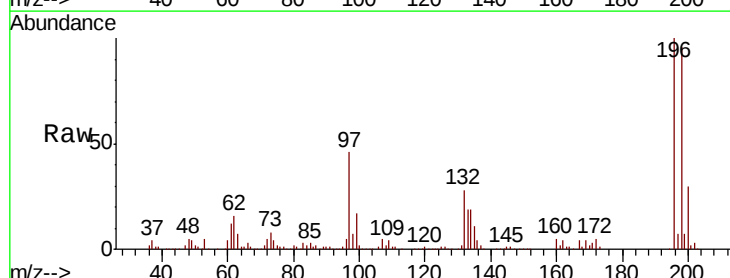
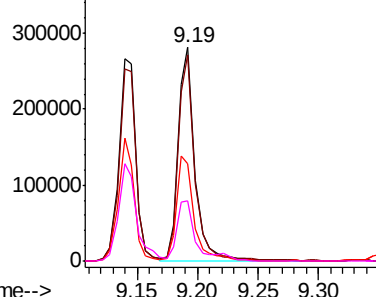
Abundance

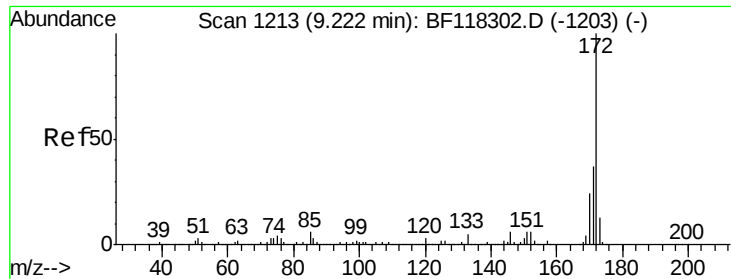
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





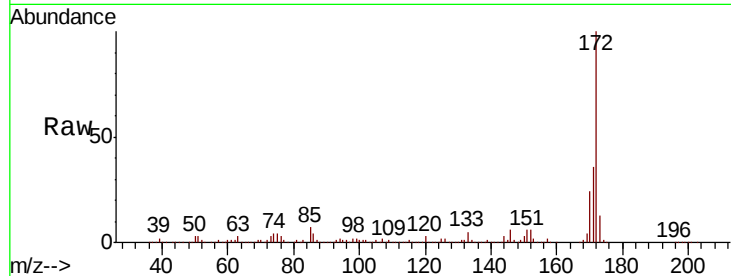
#45
2-Fluorobiphenyl
Concen: 75.942 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.2	19.2	28.8

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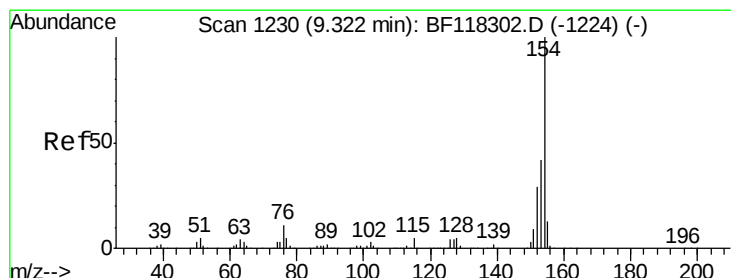
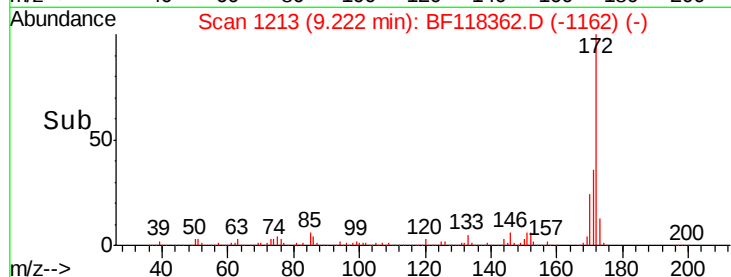
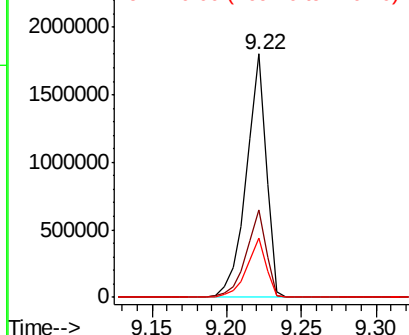


Abundance

Ion 172.00 (171.70 to 172.70): E

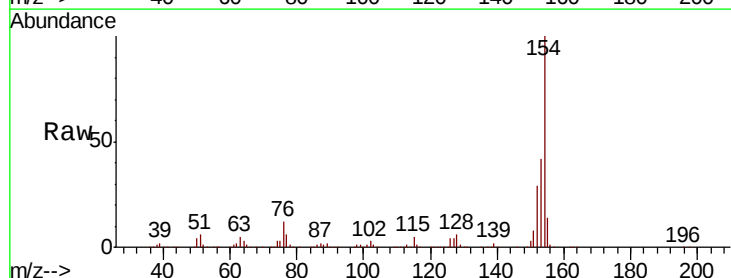
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.608 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.8	61.8
76	11.9	0.0	30.9

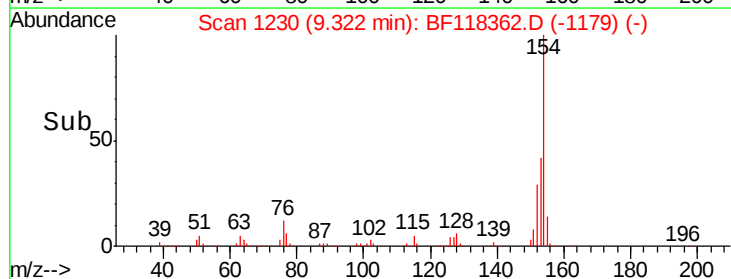
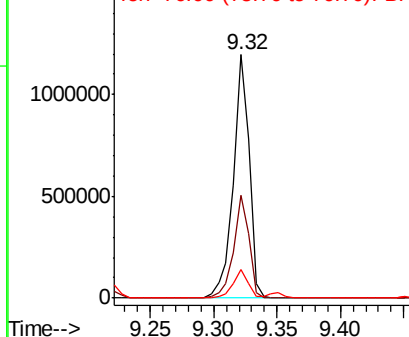


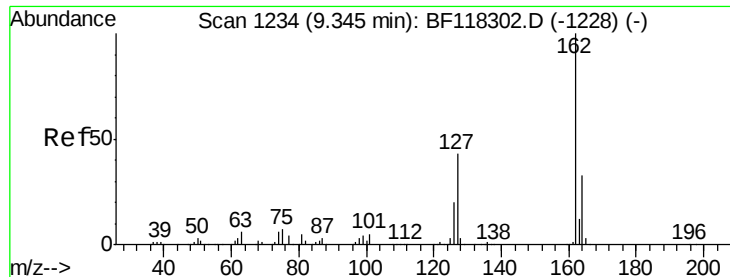
Abundance

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





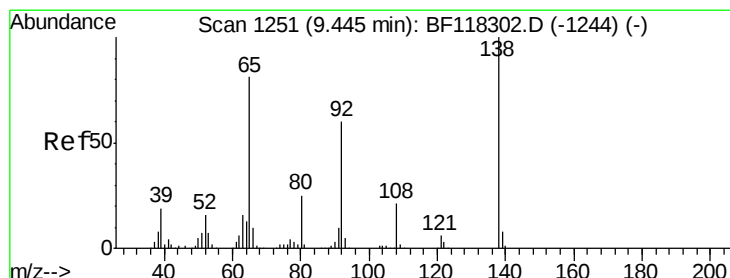
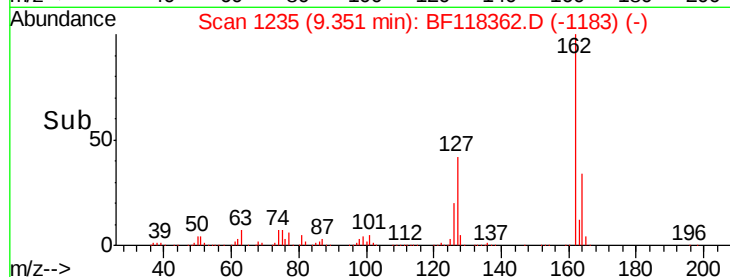
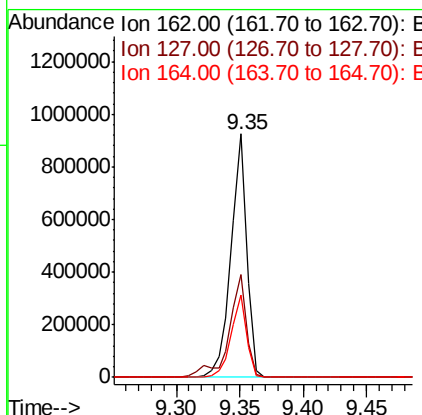
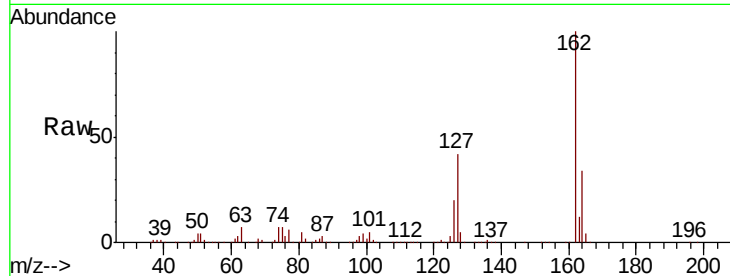
#47
 2-Chloronaphthalene
 Concen: 37.466 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		795220		
127	42.1	35.0	52.4		
164	33.9	26.6	40.0		

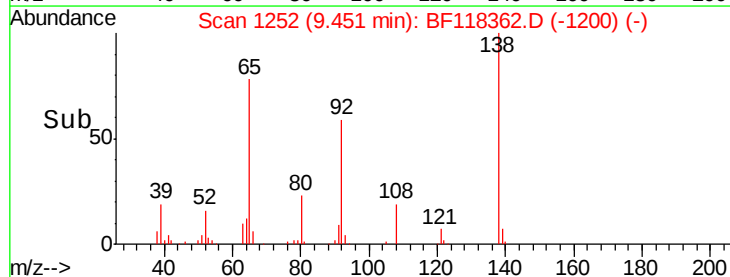
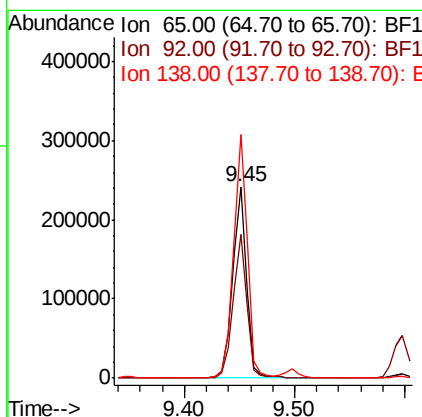
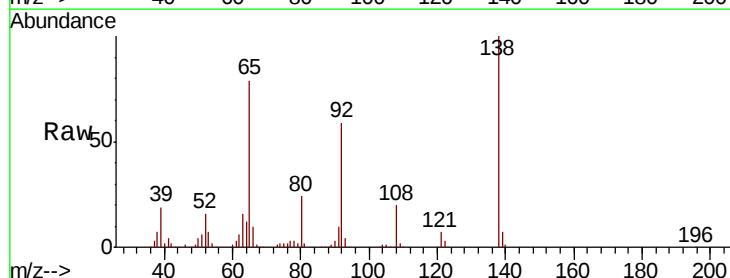
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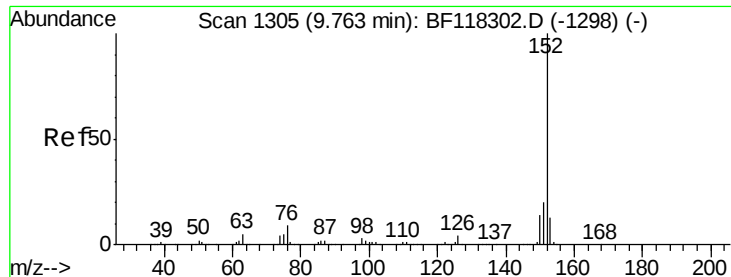
mohammad
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#48
 2-Nitroaniline
 Concen: 35.777 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		214489		
92	75.3	58.7	88.1		
138	127.1	98.5	147.7		





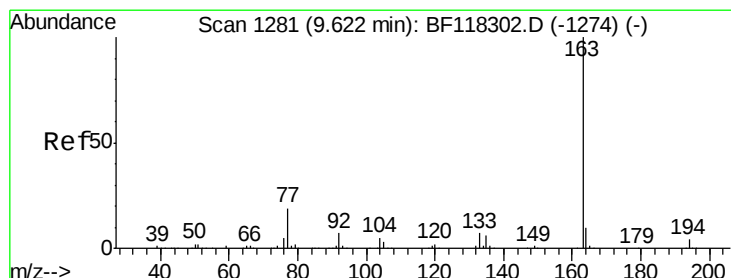
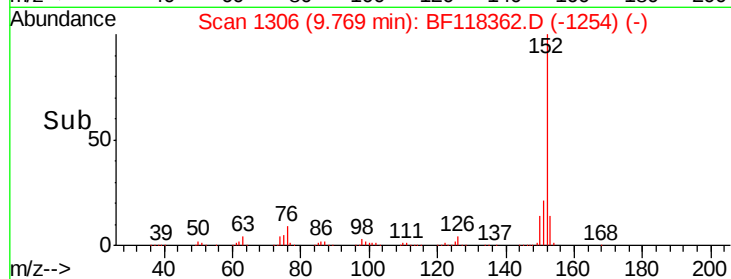
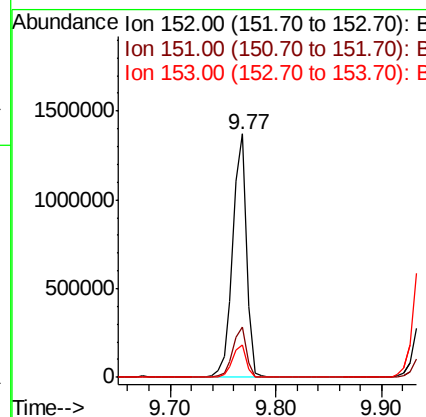
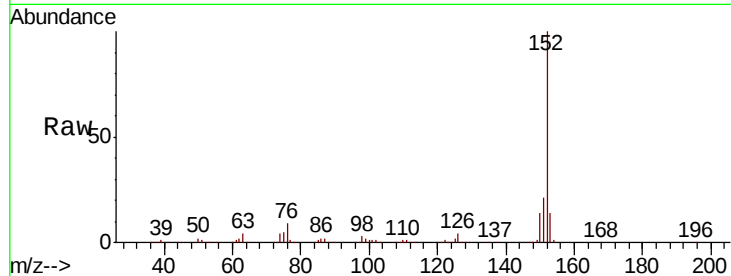
#49
Acenaphthylene
Concen: 39.387 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.5	10.5	15.7

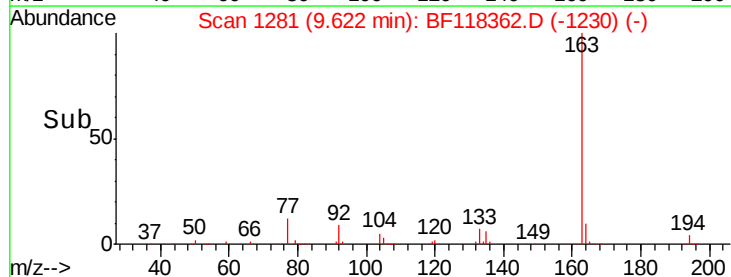
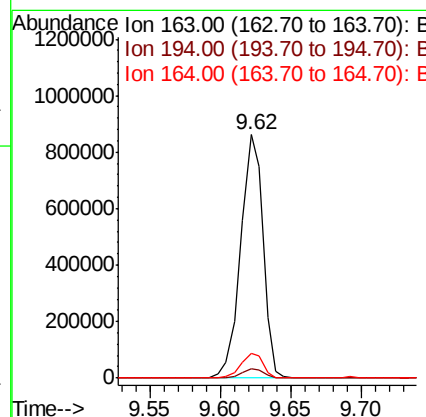
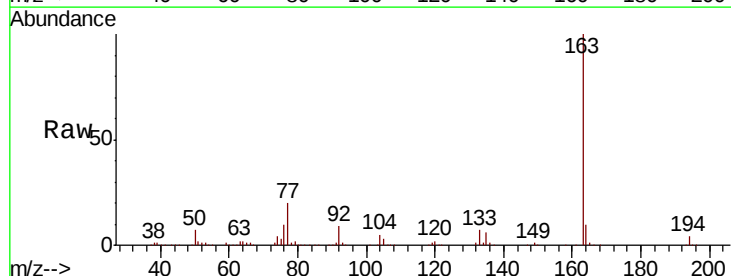
Manual Integrations
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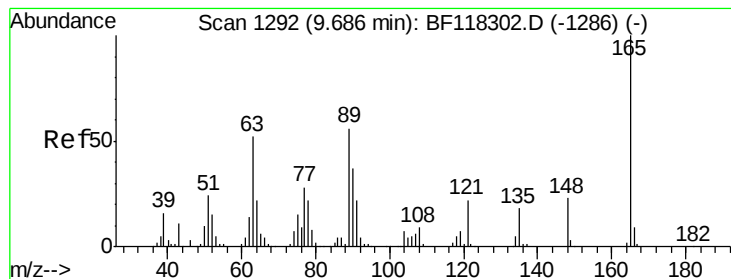
mohammad
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#50
Dimethylphthalate
Concen: 37.951 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 38.632 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

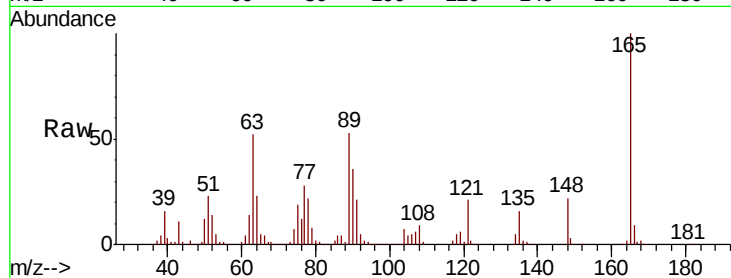
ClientSampleId :

PB125755BS

Tot Ion:	165	Resp:	208455
Ion Ratio	Lower	Upper	
165	100		
63	51.5	42.2	63.4
89	53.2	44.4	66.6

Manual Integrations
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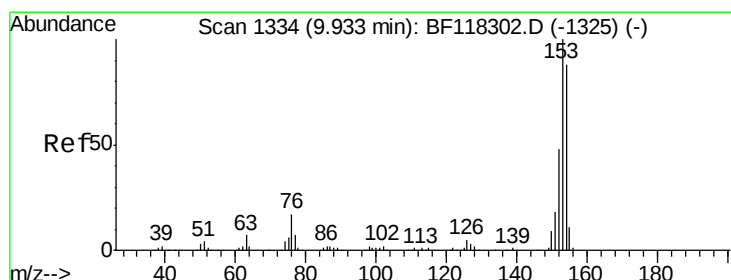
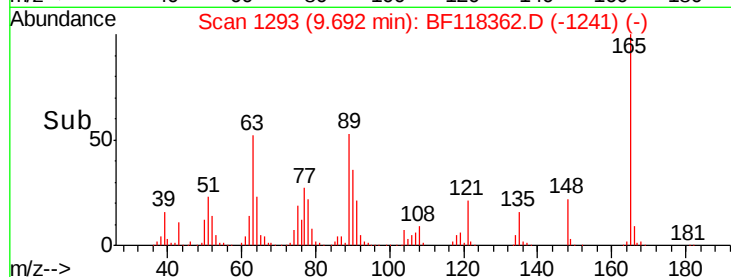
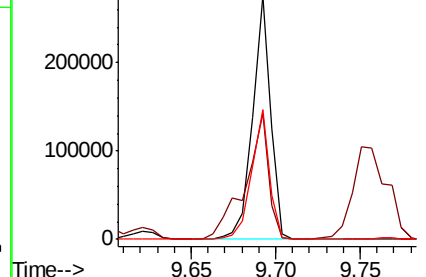
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.773 ng

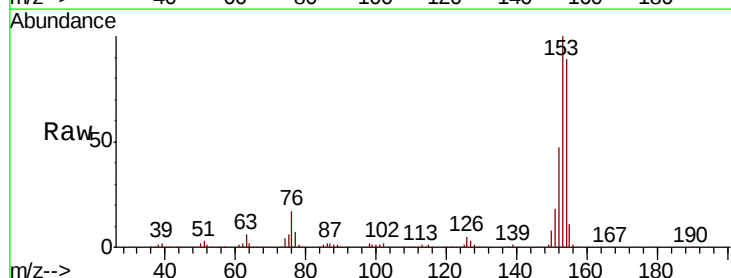
RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

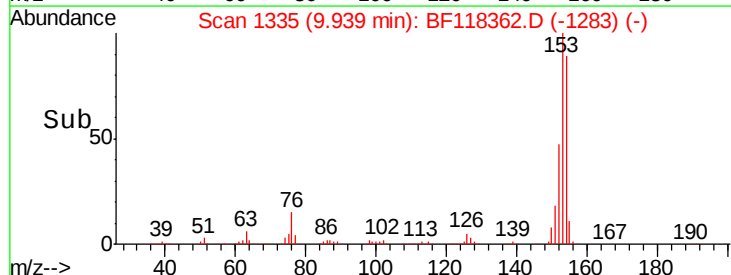
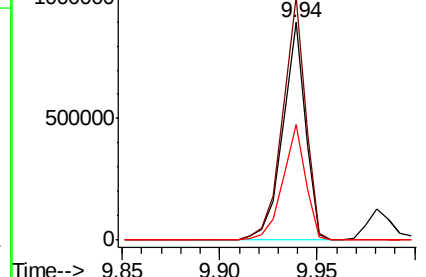
Tgt Ion:	154	Resp:	724276
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.6	136.0
152	53.0	43.1	64.7

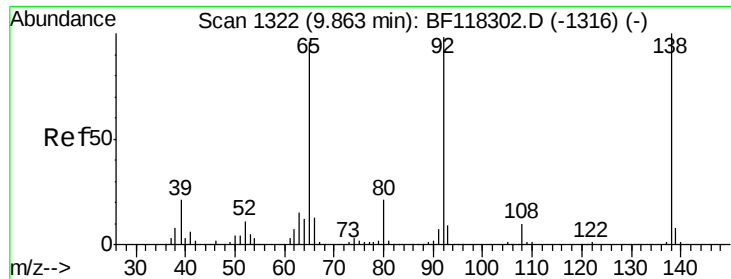


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





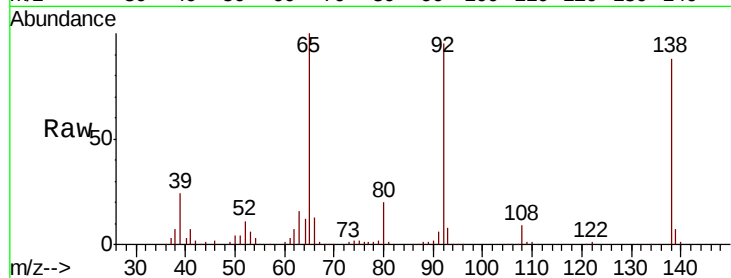
#53
3-Nitroaniline
Concen: 22.445 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.8	11.8
92	107.4	78.2	117.2

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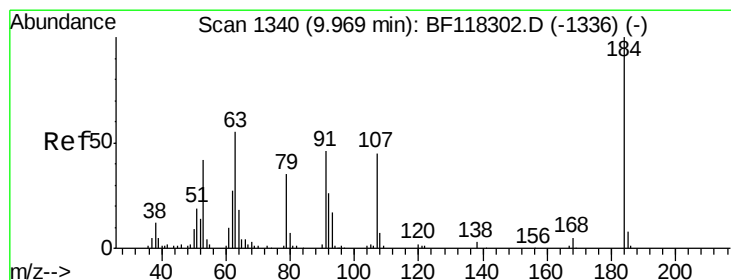
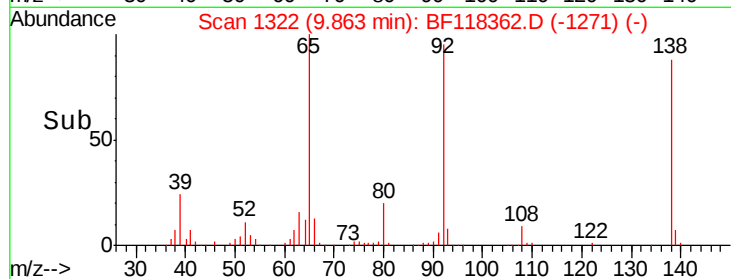
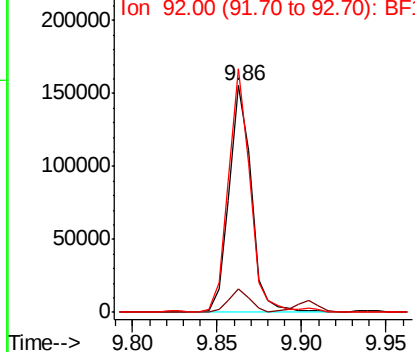


Abundance

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: 70.067 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

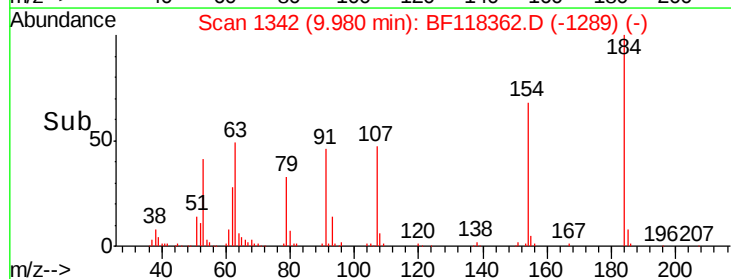
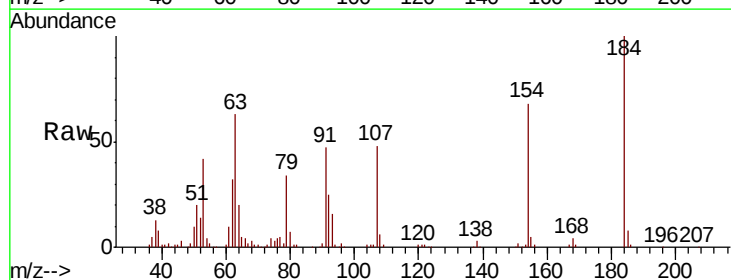
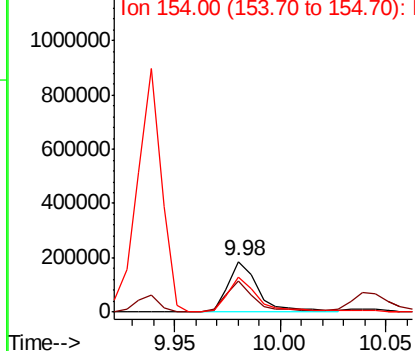
Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.6	48.8	73.2
154	68.3	55.0	82.4

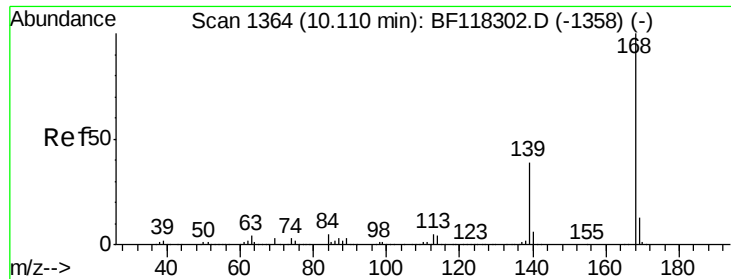
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





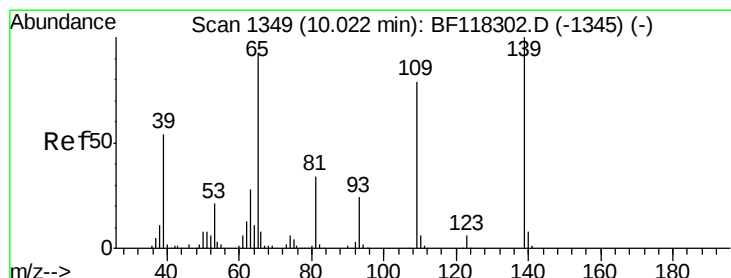
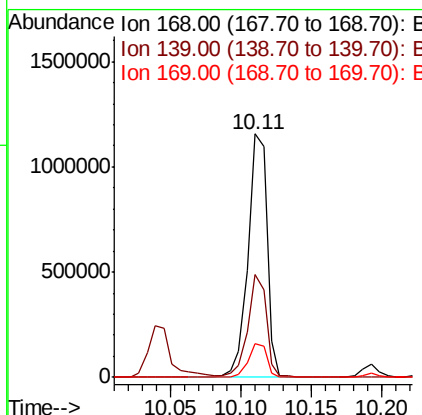
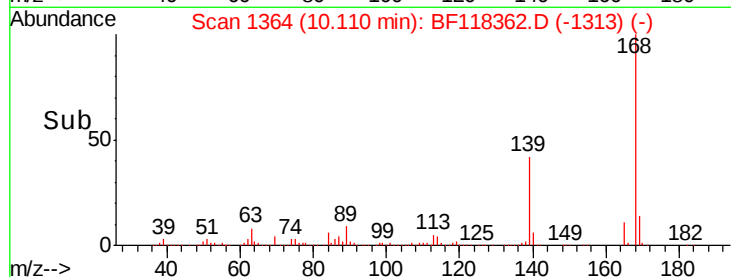
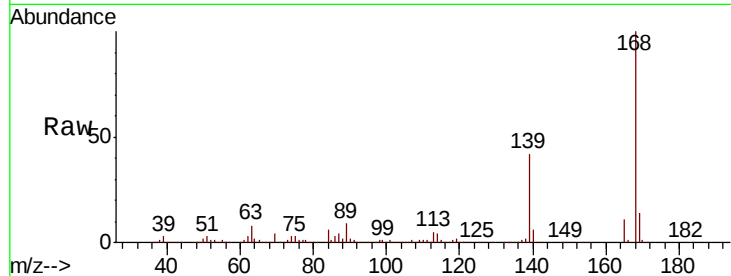
#55
Dibenzenofuran
Concen: 38.894 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	31.5	47.3
169	13.7	10.4	15.6

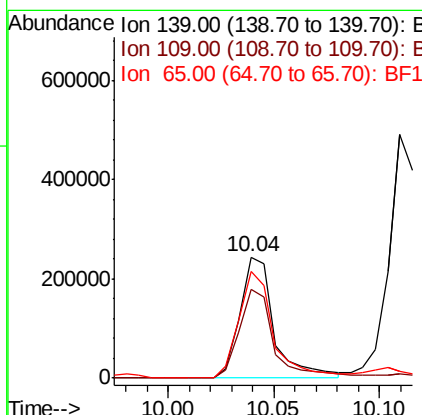
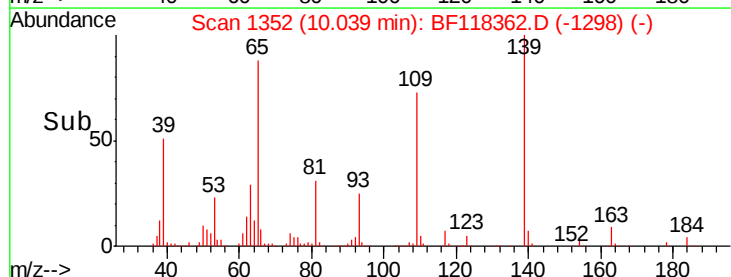
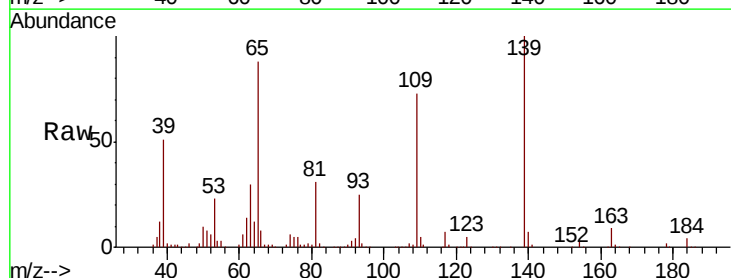
Manual Integrations
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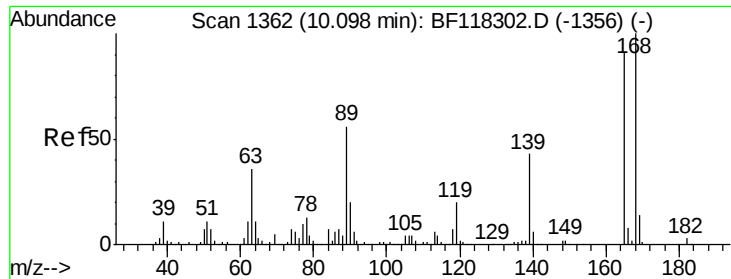
mohammad
12/30/2019 2:08:36 PM



#56
4-Nitrophenol
Concen: 69.974 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	59.3	99.3
65	87.7	72.4	112.4





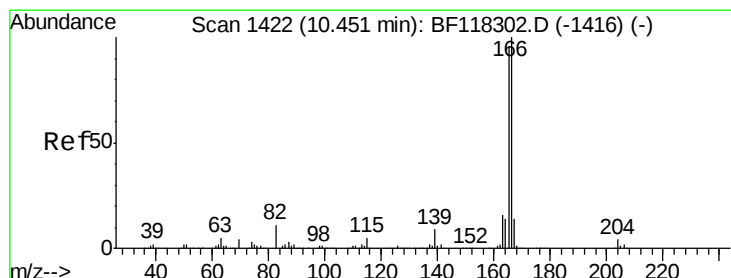
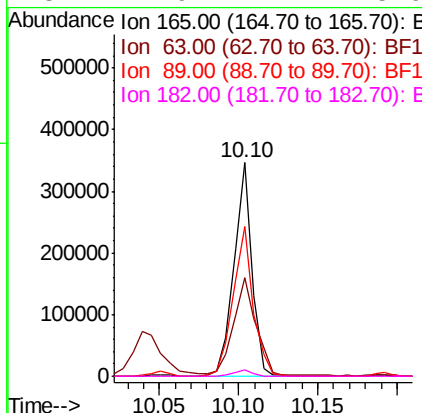
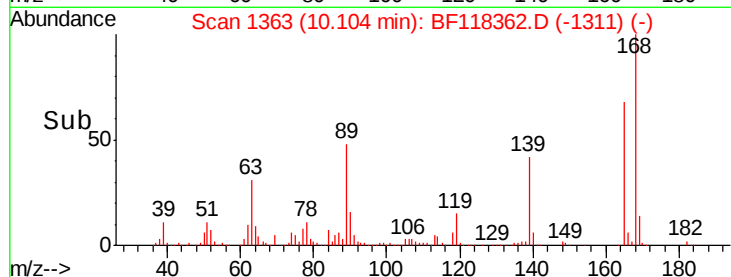
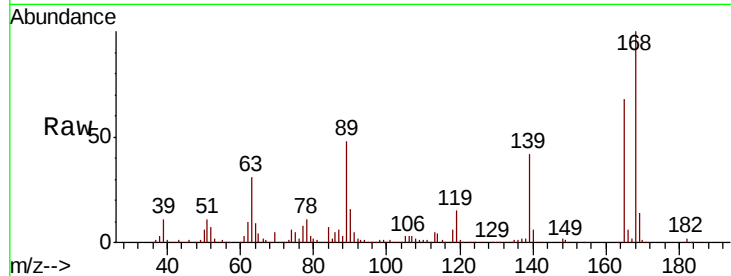
#57
2,4-Dinitrotoluene
Concen: 38.214 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	275530		
63	45.9	32.0	48.0	
89	69.9	49.3	73.9	
182	2.9	2.4	3.6	

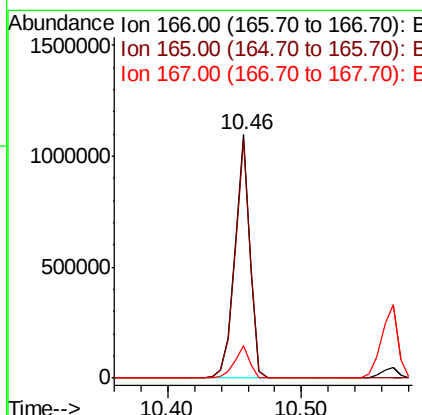
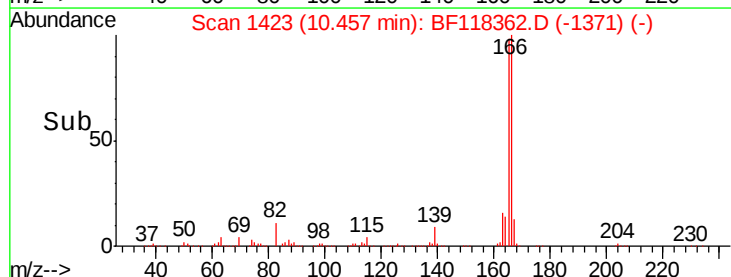
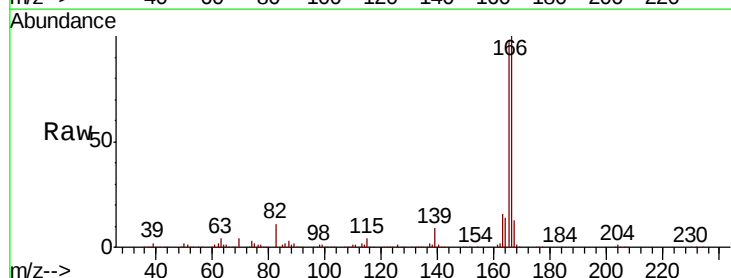
Manual Integrations
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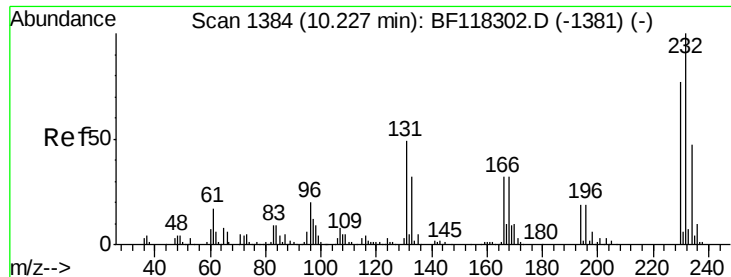
mohammad
12/30/2019 2:08:36 PM



#58
Fluorene
Concen: 38.253 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	874877		
165	97.9	77.0	115.4	
167	13.4	10.9	16.3	





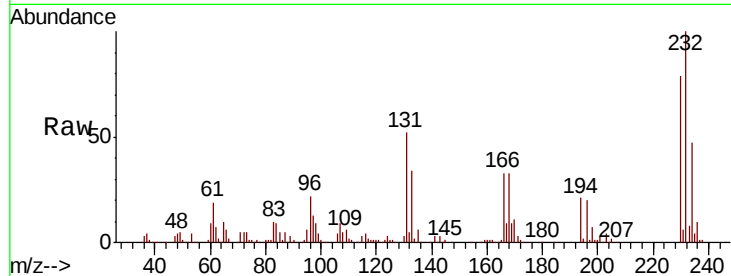
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.798 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	226963		
131	46.4		37.7	56.5
130	2.5		2.0	3.0
166	30.4		24.7	37.1

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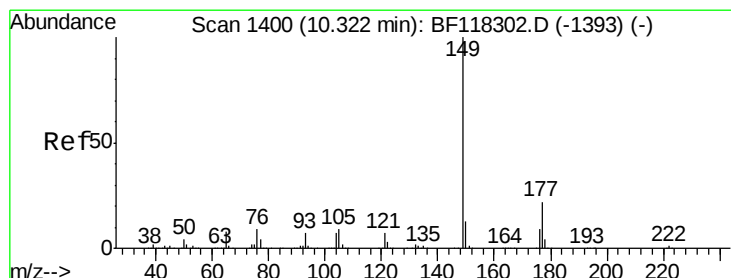
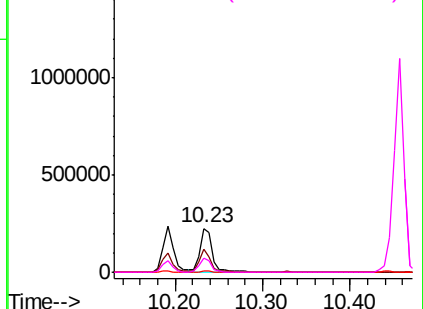
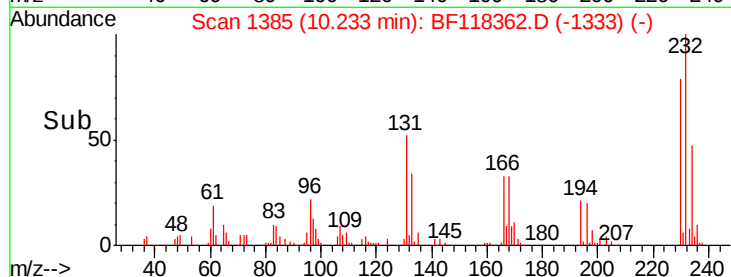
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

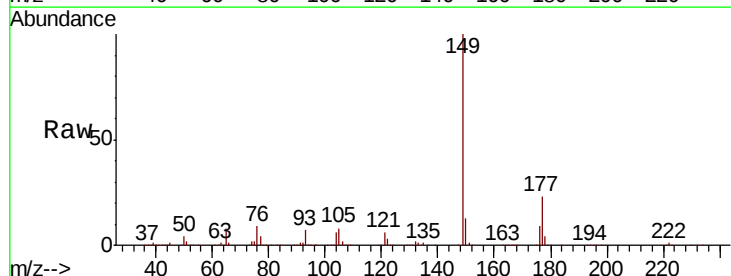
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.445 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	951922		
177	23.0		17.9	26.9
150	12.7		10.2	15.2

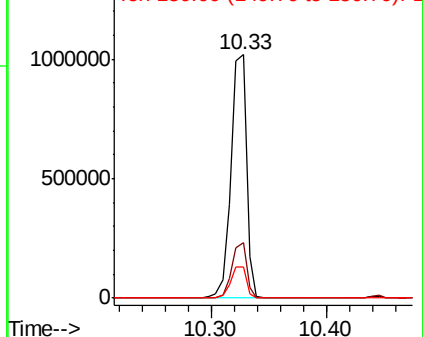
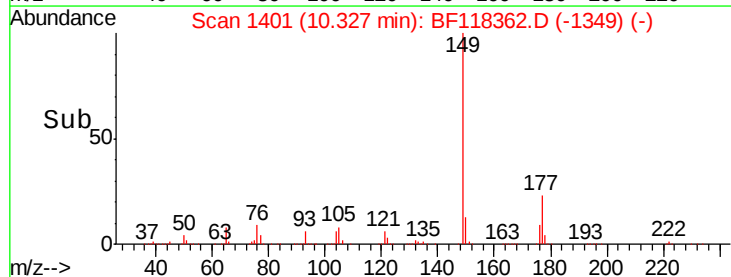


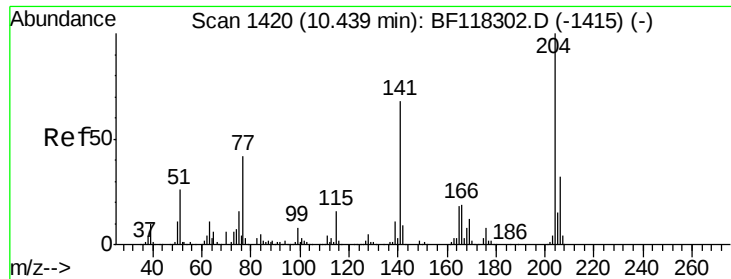
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





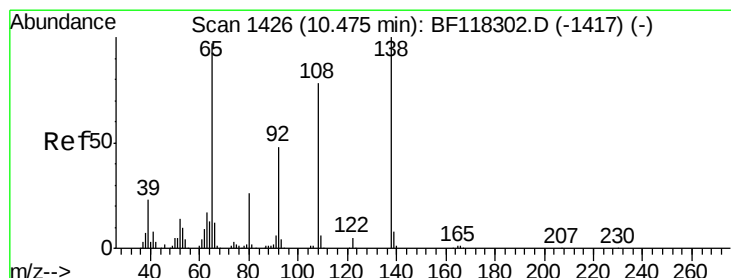
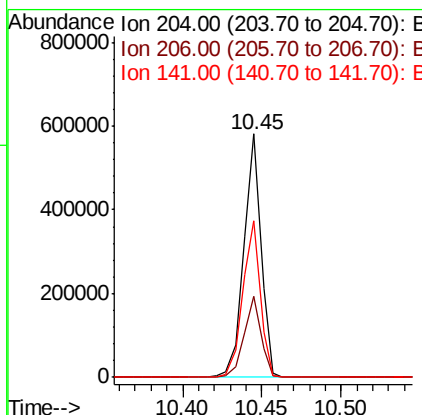
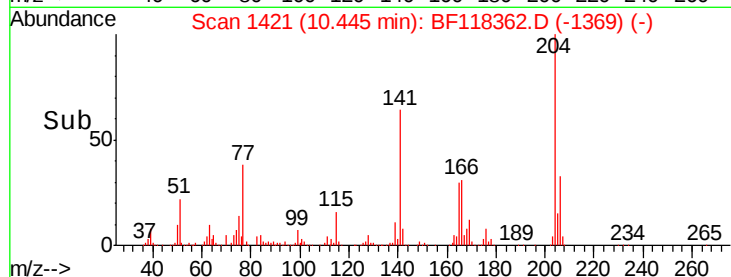
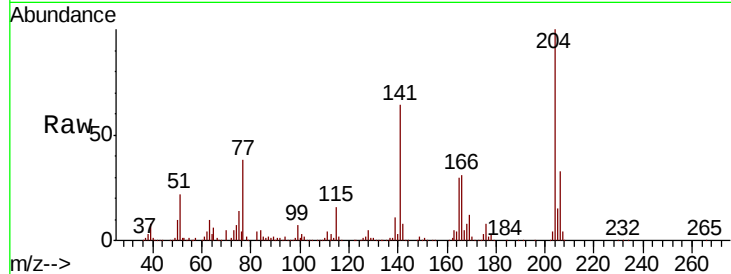
#61
 4-Chlorophenyl-phenylether
 Concen: 38.193 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Tot Ion:	204	Resp:	436059
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.8	38.8
141	64.5	54.2	81.4

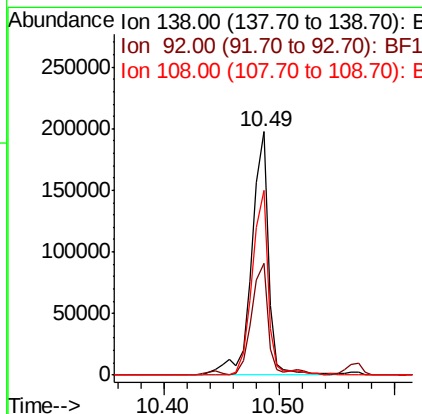
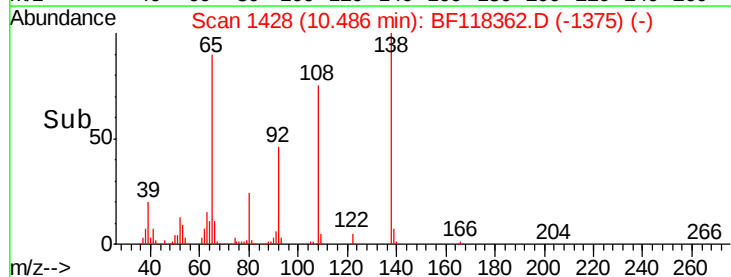
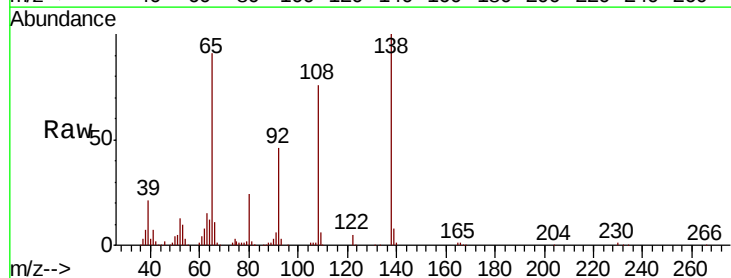
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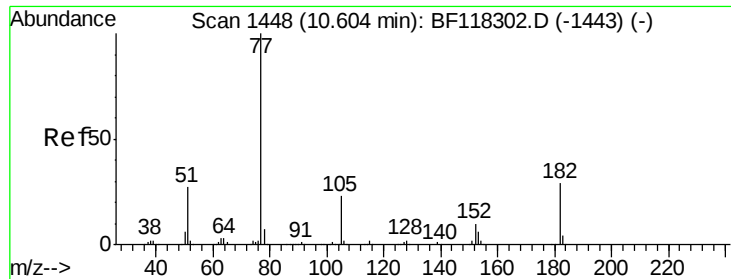
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#62
 4-Nitroaniline
 Concen: 30.704 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion:	138	Resp:	202007
Ion Ratio	Lower	Upper	
138	100		
92	45.8	27.9	67.9
108	75.7	58.1	98.1





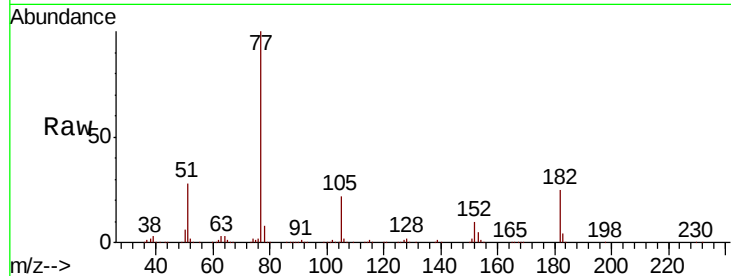
#63
Azobenzene
Concen: 38.796 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

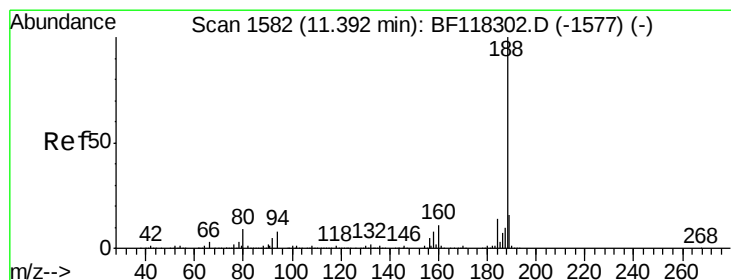
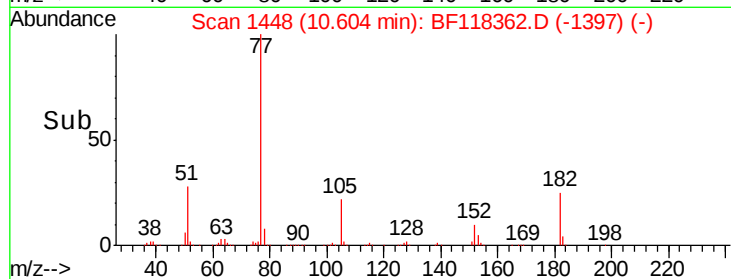
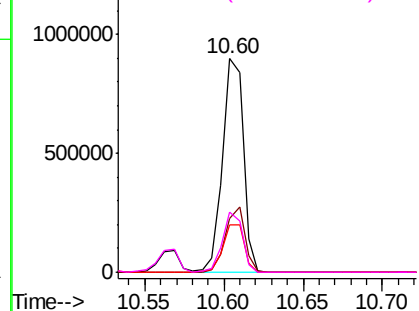
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	9.2	49.2
105	22.4	3.2	43.2
51	28.1	7.1	47.1

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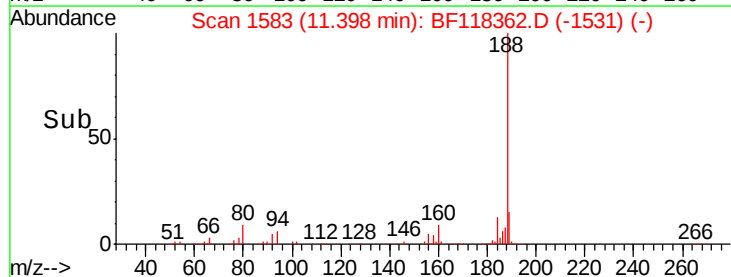
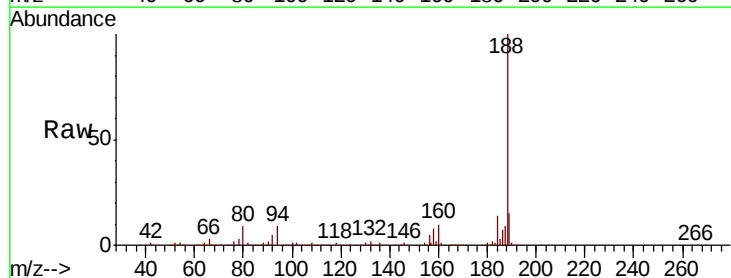
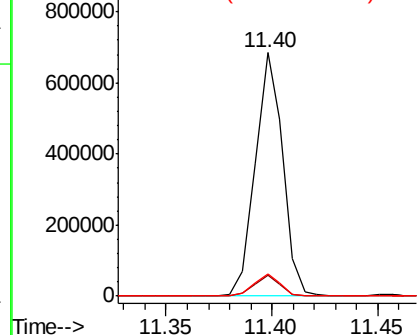
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

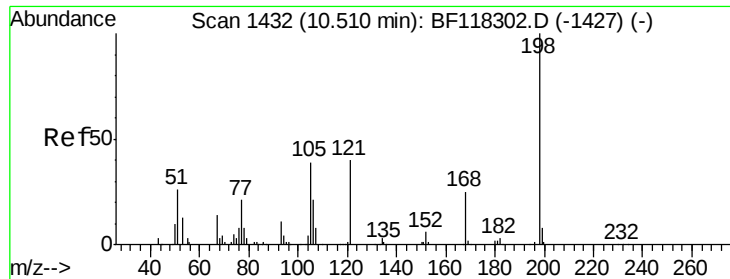


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	7.2	10.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





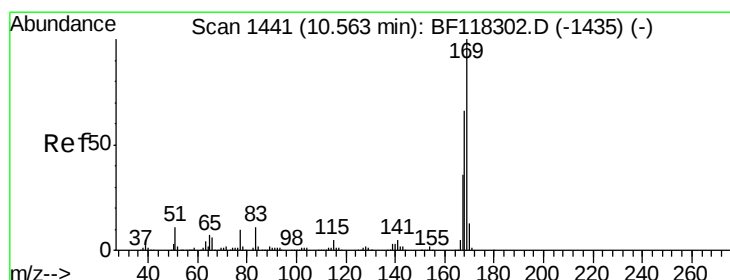
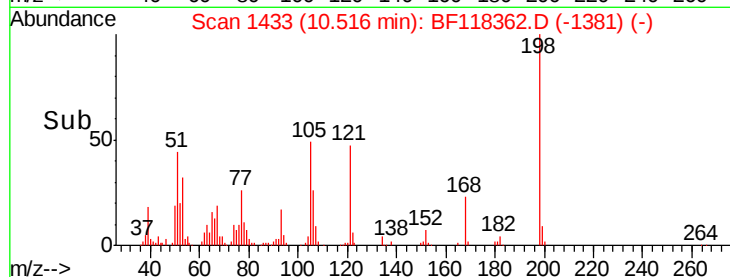
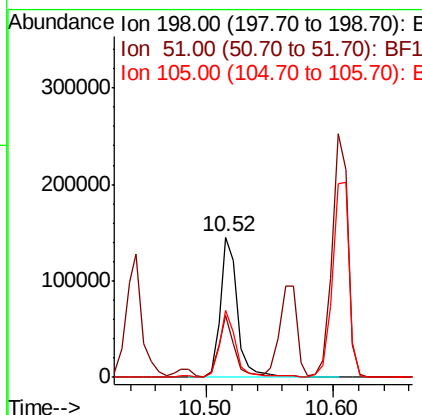
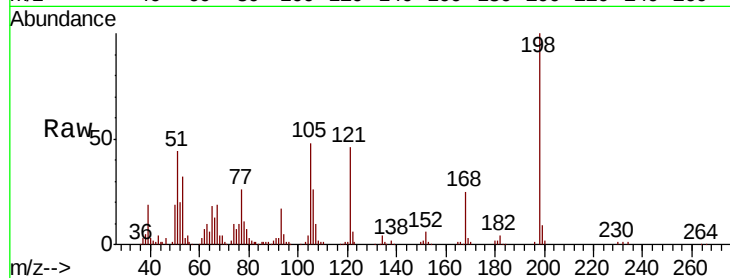
#65
4,6-Dinitro-2-methylphenol
Concen: 41.299 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138133		
51	44.1	12.8	52.8	
105	48.3	20.3	60.3	

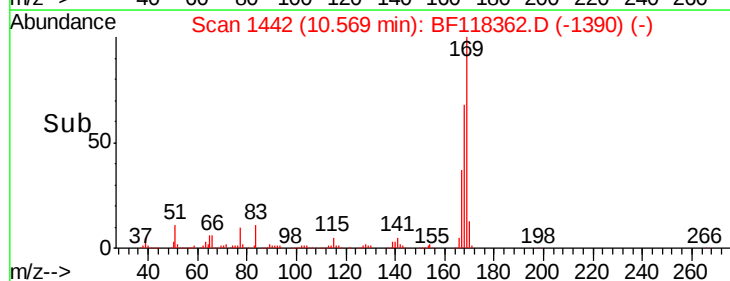
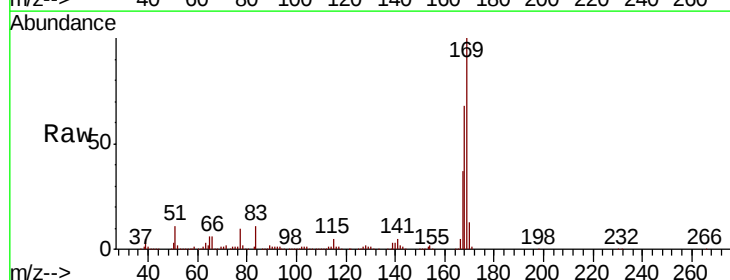
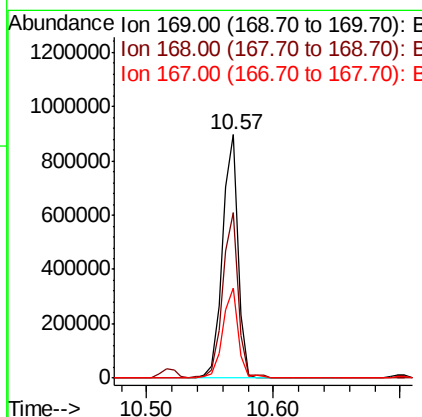
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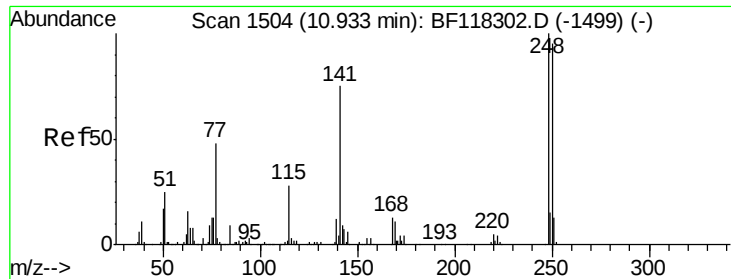
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#66
n-Nitrosodiphenylamine
Concen: 38.571 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	766446		
168	67.8	52.6	79.0	
167	36.8	28.4	42.6	





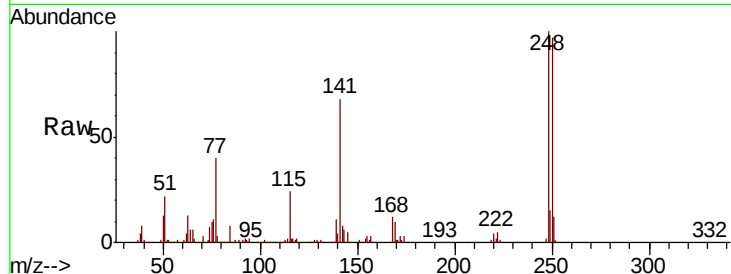
#67
4-Bromophenyl-phenylether
Concen: 37.905 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.4	114.6
141	67.7	60.2	90.2

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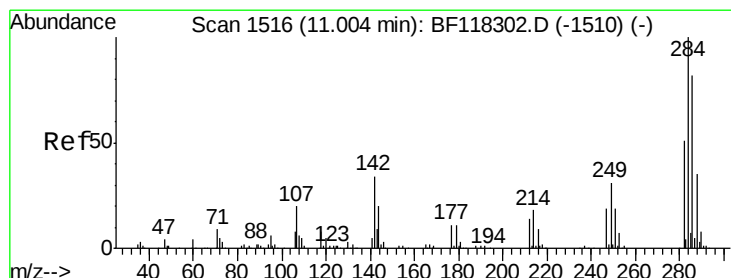
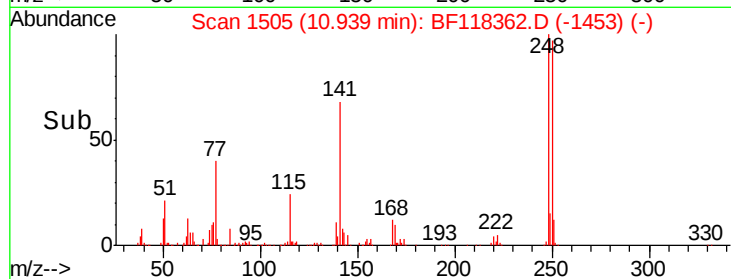
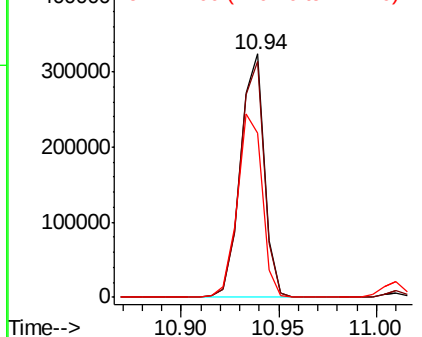


Abundance

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: 36.488 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

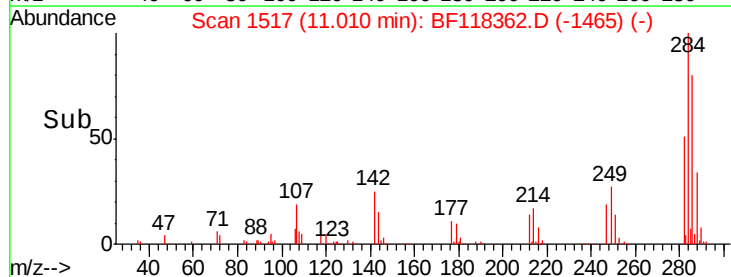
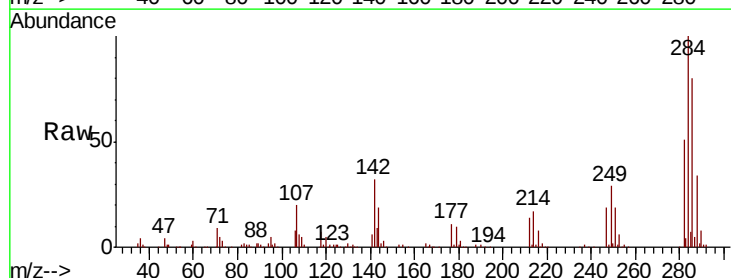
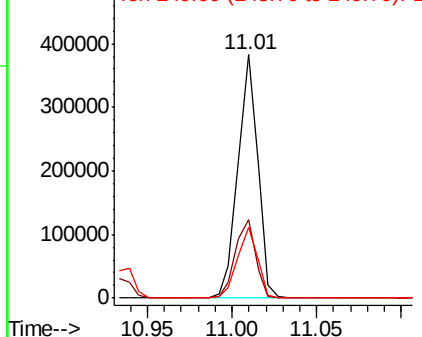
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	27.3	40.9
249	29.2	25.0	37.6

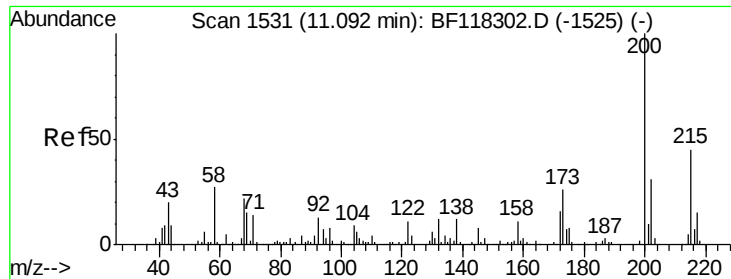
Abundance

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





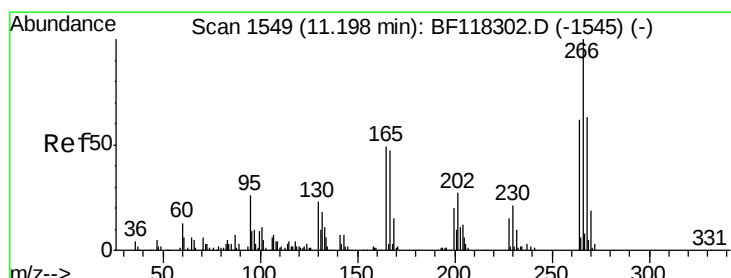
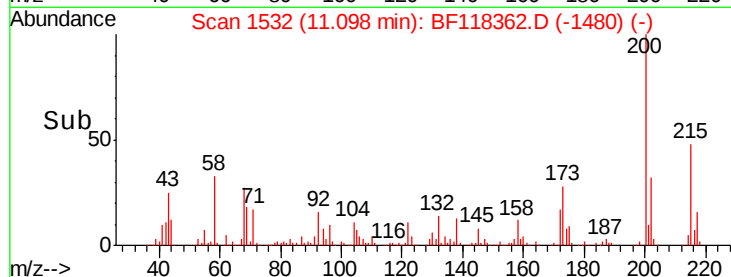
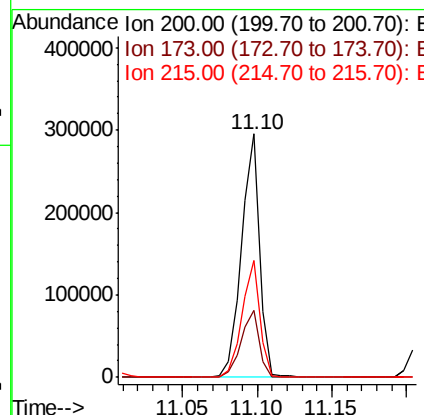
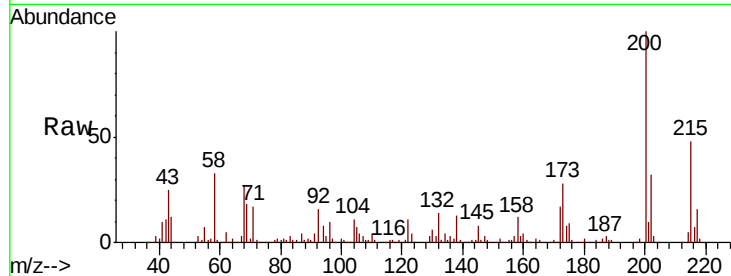
#69
Atrazine
Concen: 41.194 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	5.8	45.8
215	48.1	25.1	65.1

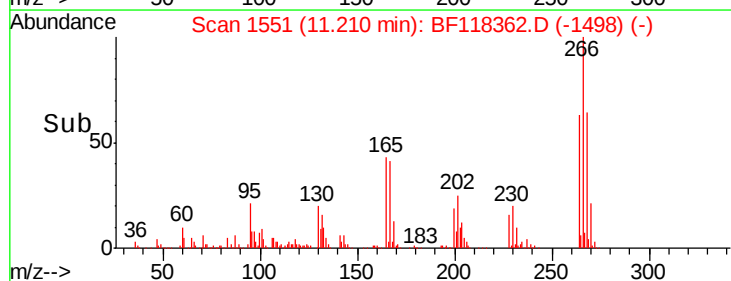
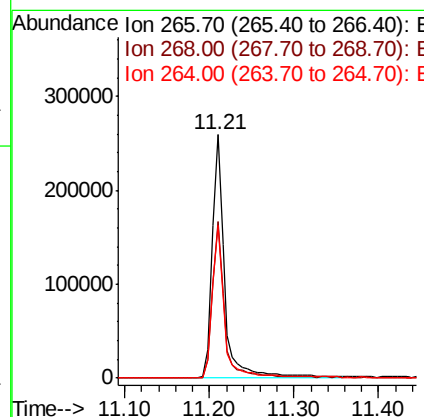
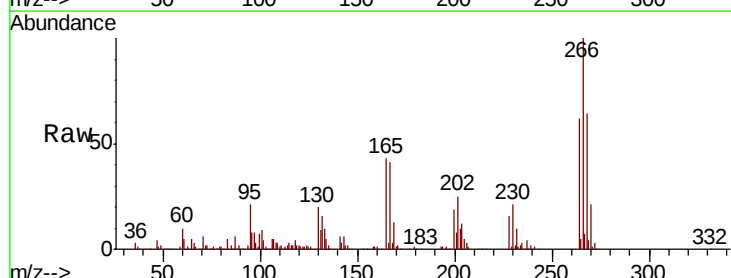
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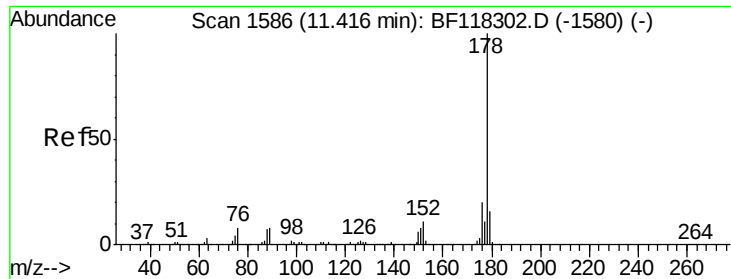
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#70
Pentachlorophenol
Concen: 73.091 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	50.6	76.0
264	62.5	49.9	74.9





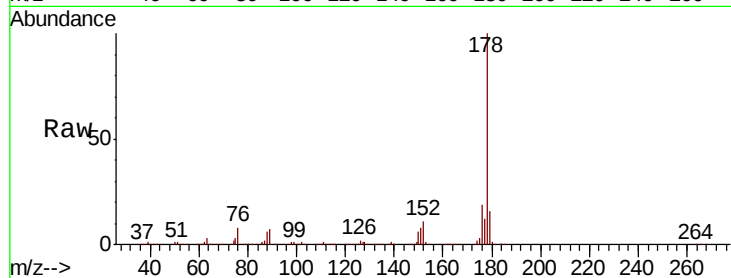
#71
Phenanthrene
Concen: 37.729 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.7	12.6	19.0

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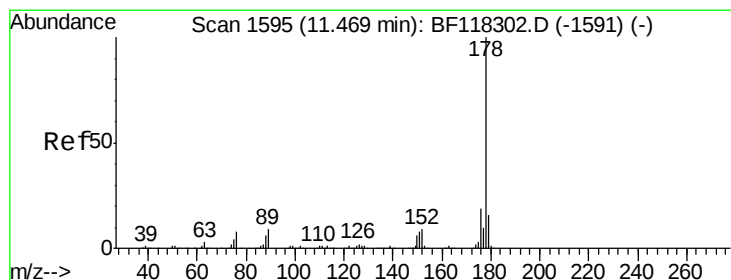
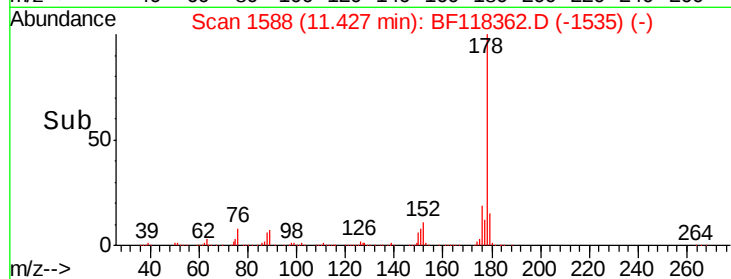
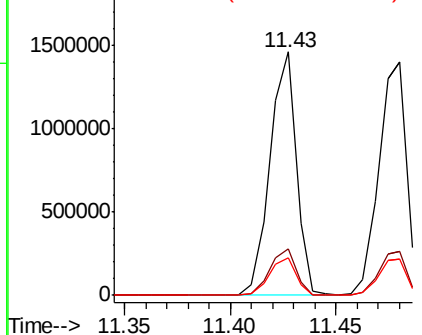


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 38.595 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

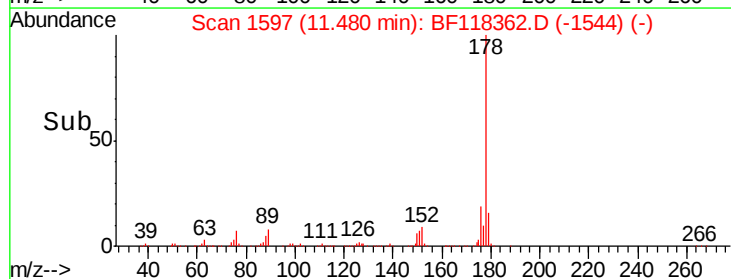
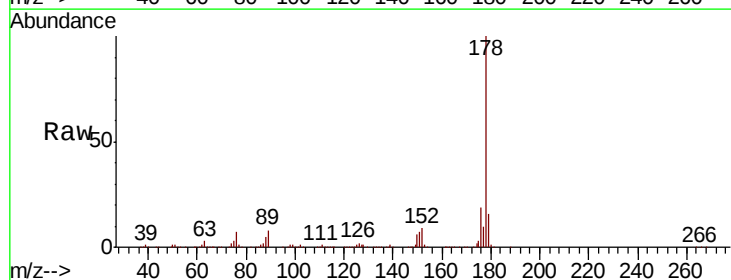
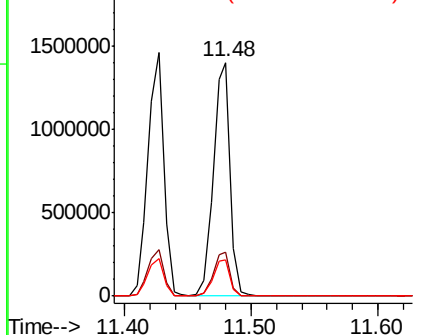
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.7	12.9	19.3

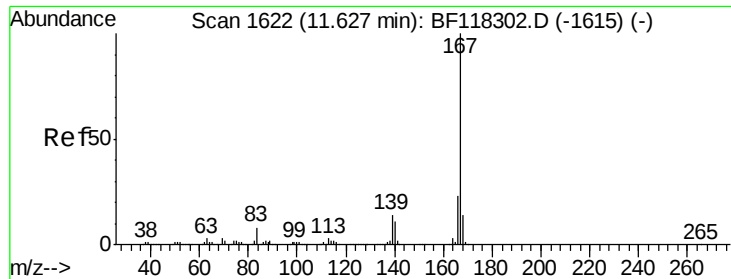
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





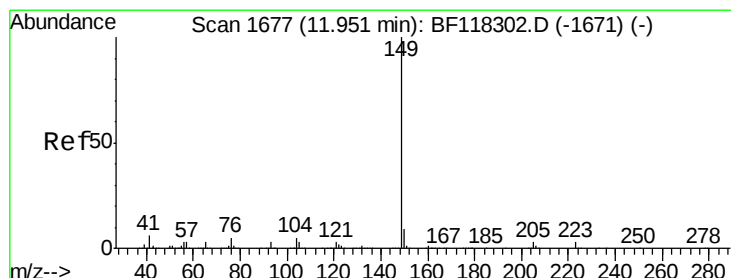
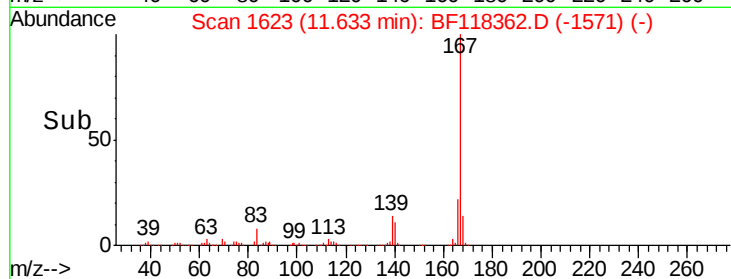
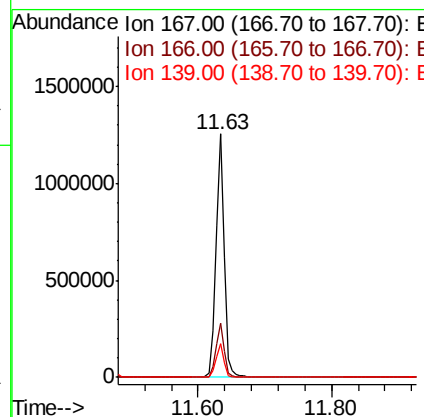
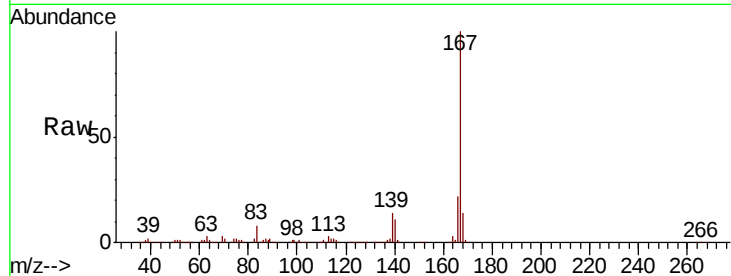
#73
 Carbazole
 Concen: 36.779 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.9	11.5	17.3

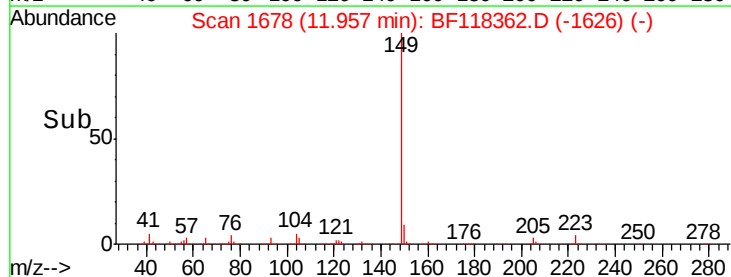
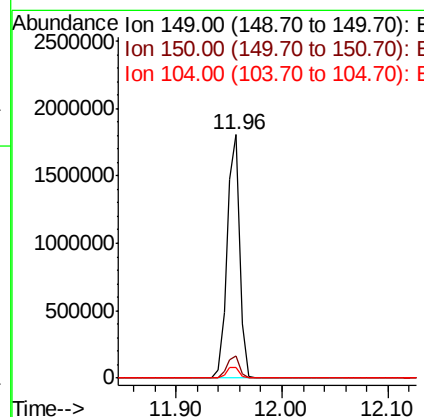
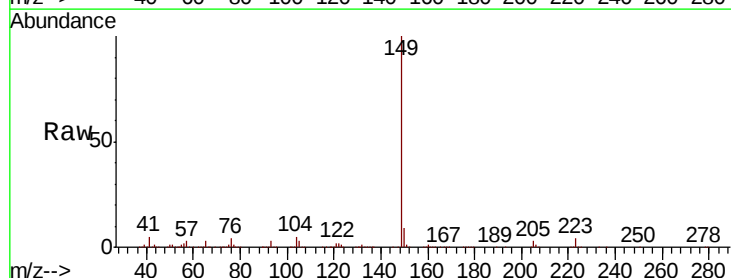
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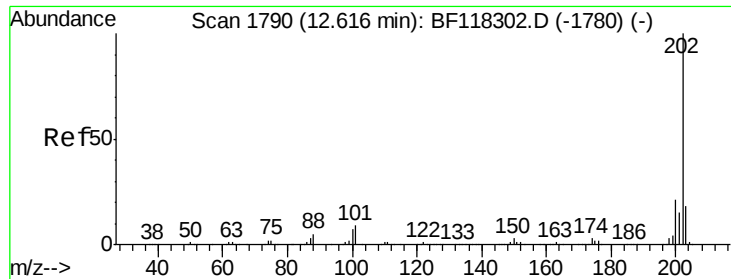
mohammad
 12/30/2019 2:08:36 PM



#74
 Di-n-butylphthalate
 Concen: 39.581 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.6	4.0	6.0





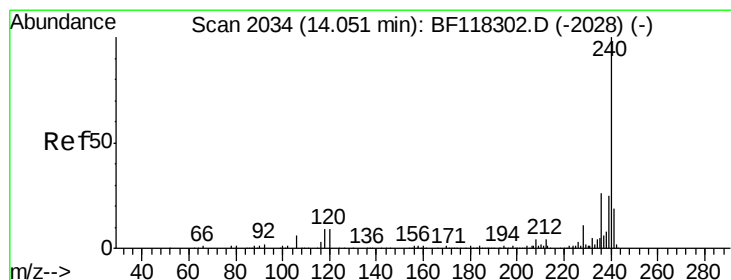
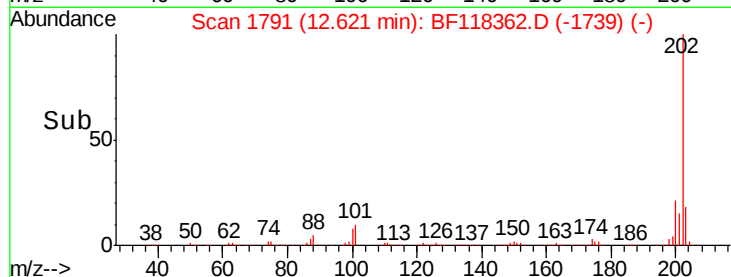
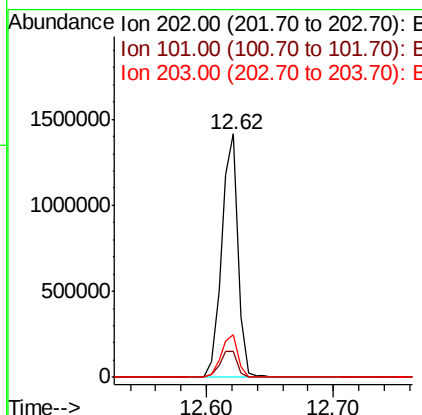
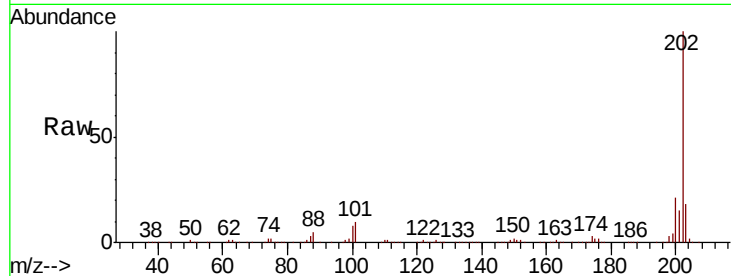
#75
Fluoranthene
Concen: 37.209 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.5
203	17.7	0.0	37.6

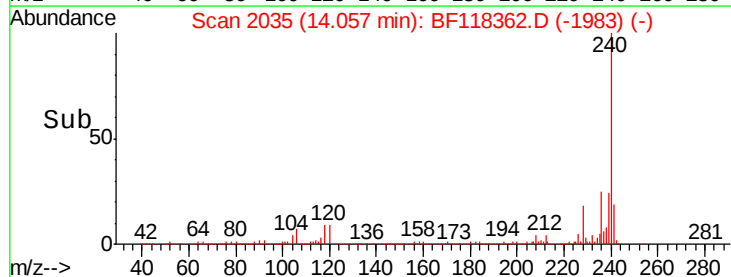
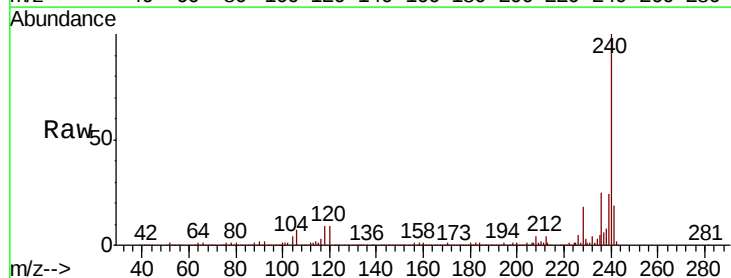
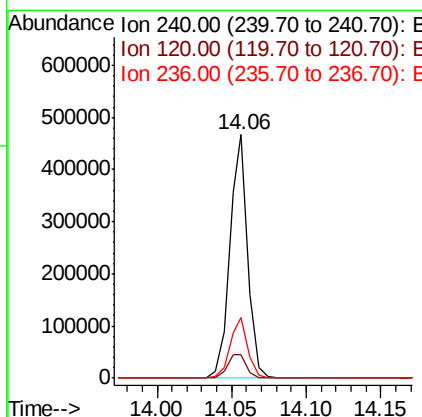
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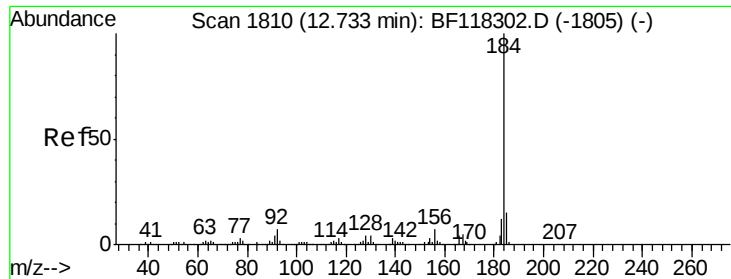
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	25.0	21.0	31.6





#77

Benzidine

Concen: 24.629 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

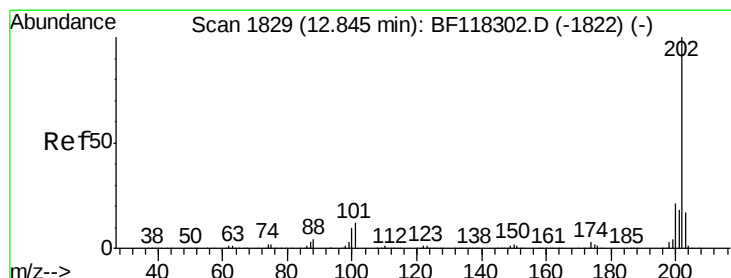
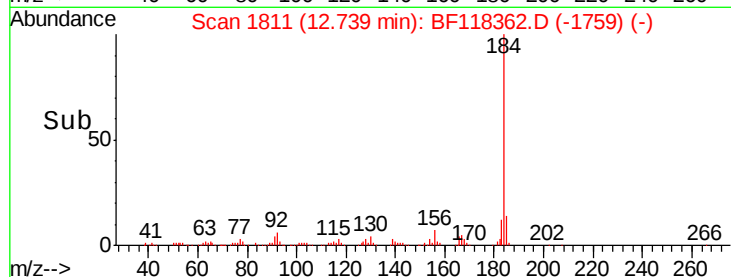
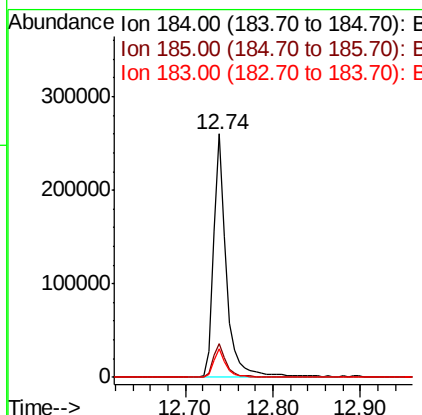
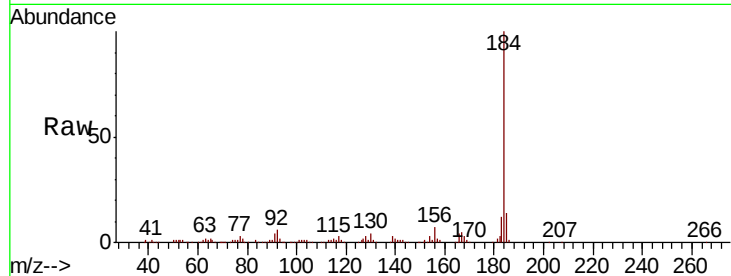
ClientSampleId :

PB125755BS

Tot Ion:	184	Resp:	266263
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.3	18.5
183	11.7	9.4	14.2

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#78

Pyrene

Concen: 39.596 ng

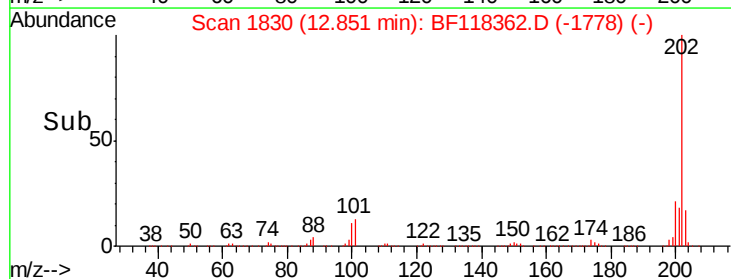
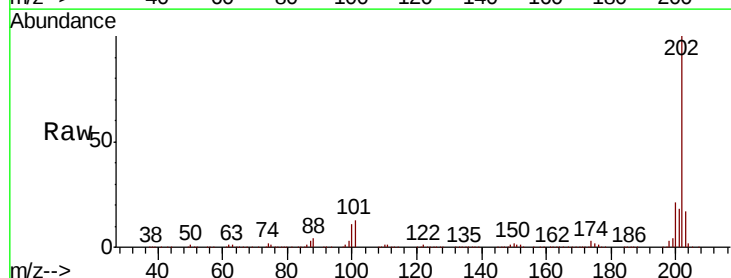
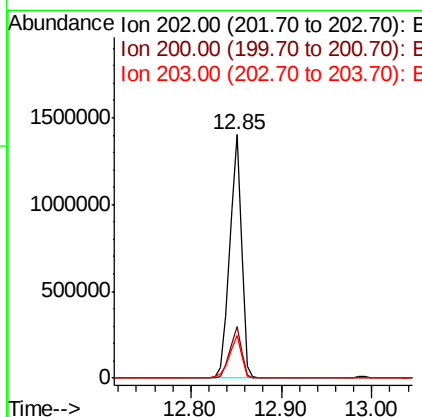
RT: 12.85 min Scan# 1830

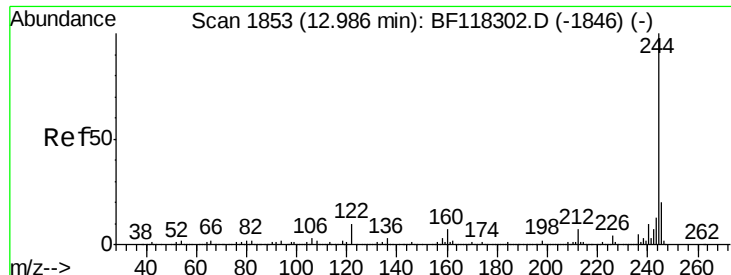
Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Tgt Ion:	202	Resp:	1275761
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.8	25.2
203	17.4	13.9	20.9





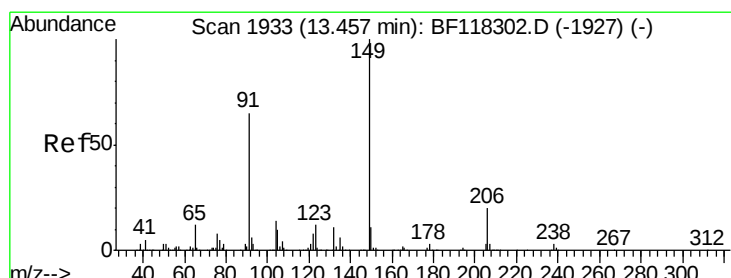
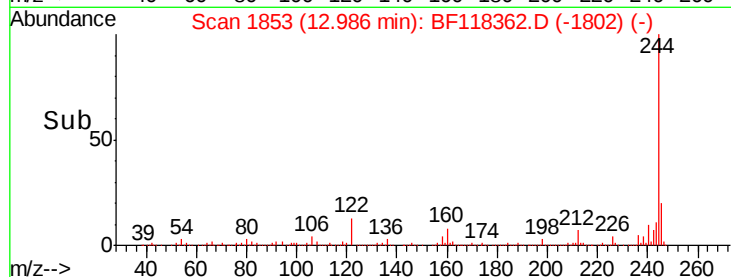
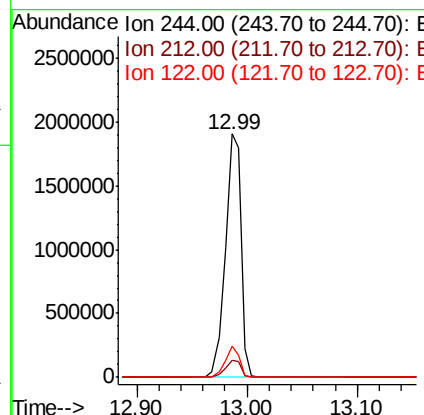
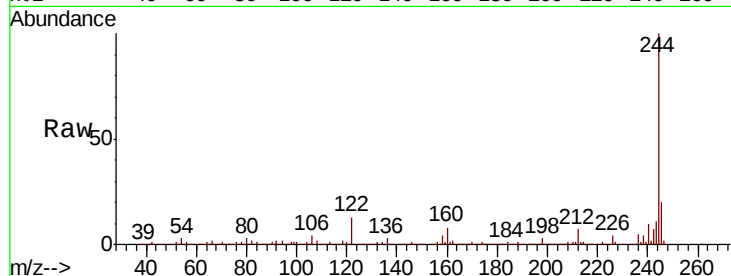
#79
 Terphenyl-d14
 Concen: 79.141 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	12.6	7.8	11.8

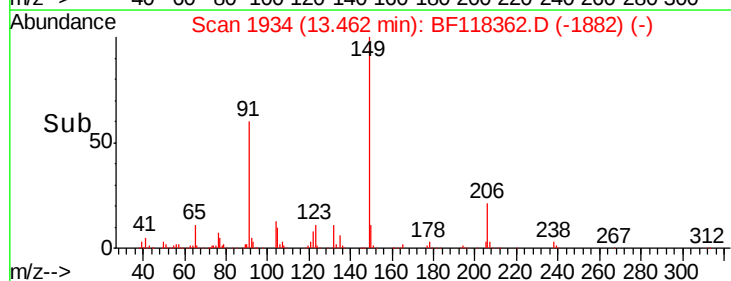
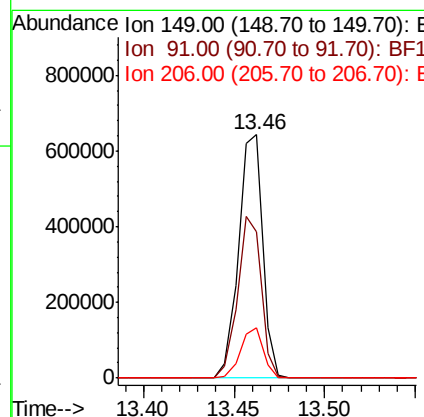
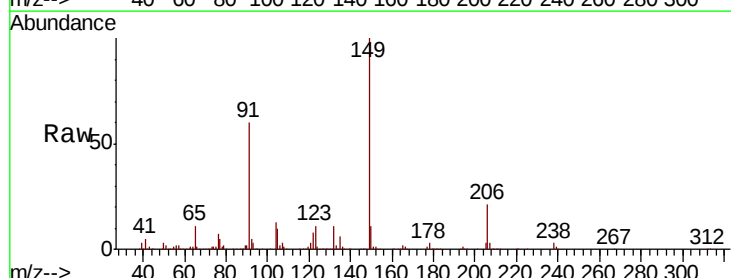
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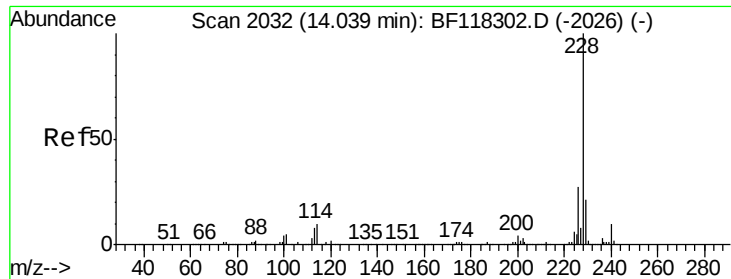
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#80
 Butylbenzylphthalate
 Concen: 41.089 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.1	51.8	77.6
206	20.7	15.7	23.5





#81

Benzo(a)anthracene

Concen: 37.323 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

ClientSampleId :

PB125755BS

Tot Ion:228 Resp: 1030785

Ion Ratio Lower Upper

228 100

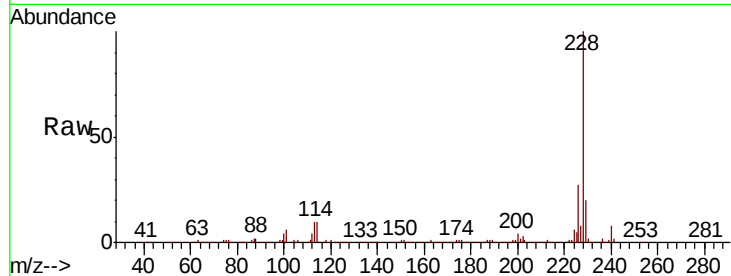
226 26.6 22.0 33.0

229 20.1 16.6 24.8

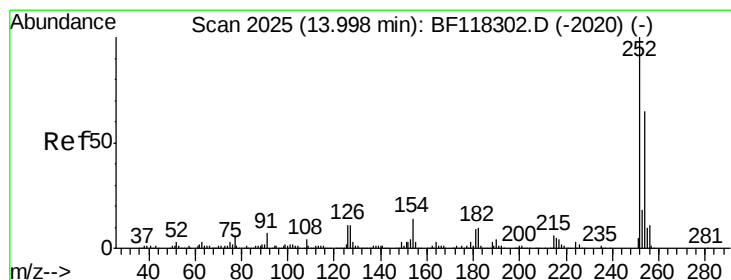
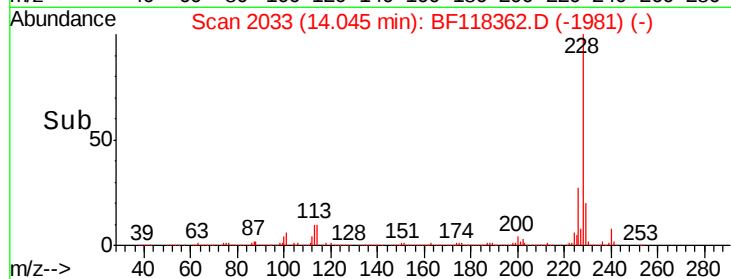
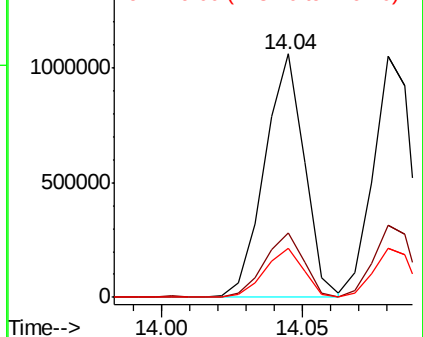
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.530 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

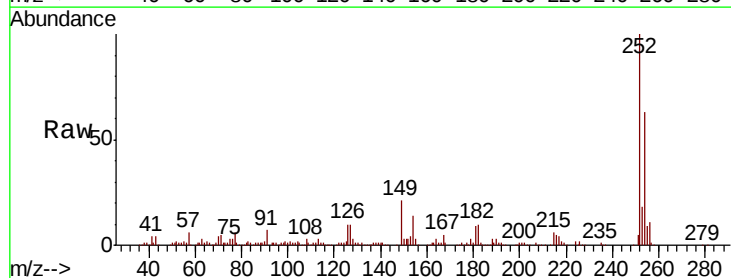
Tgt Ion:252 Resp: 295244

Ion Ratio Lower Upper

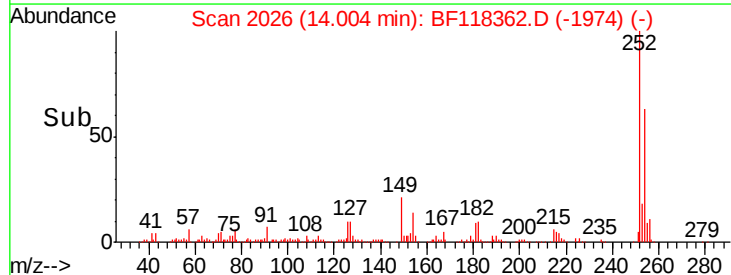
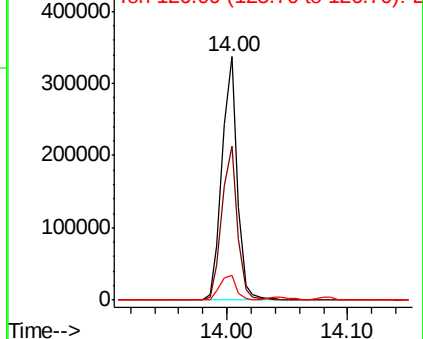
252 100

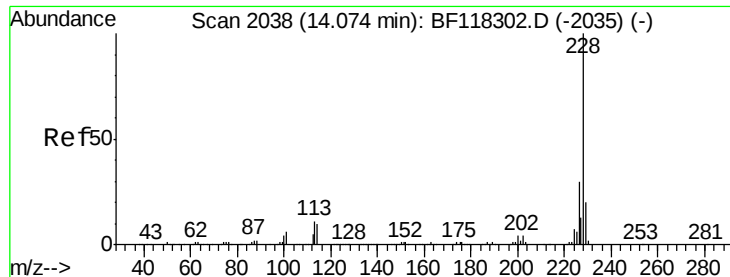
254 63.4 51.8 77.8

126 10.2 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





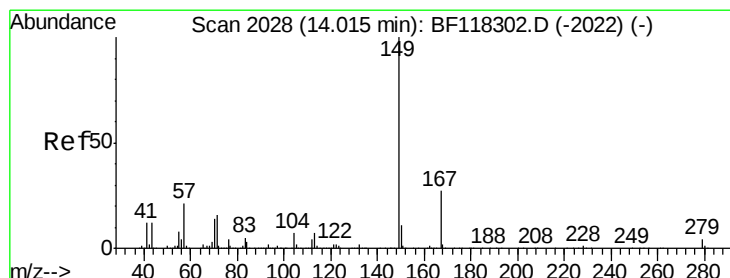
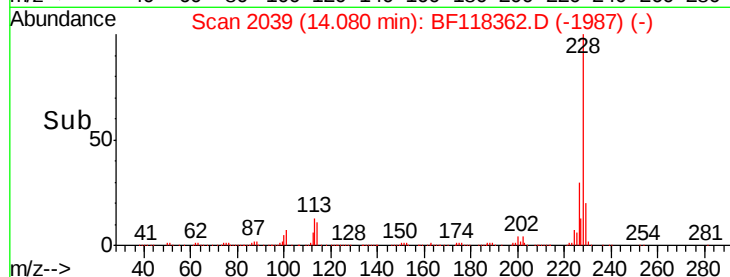
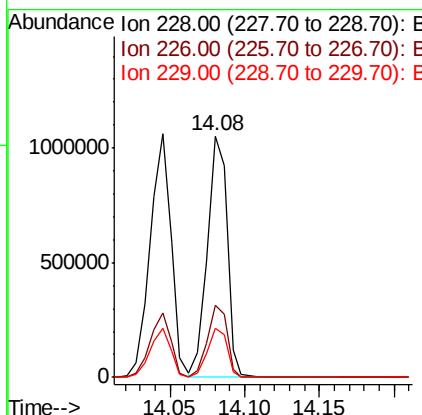
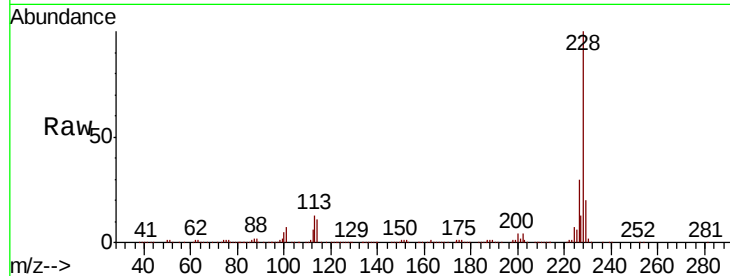
#83
 Chrvsene
 Concen: 36.344 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.1	16.1	24.1

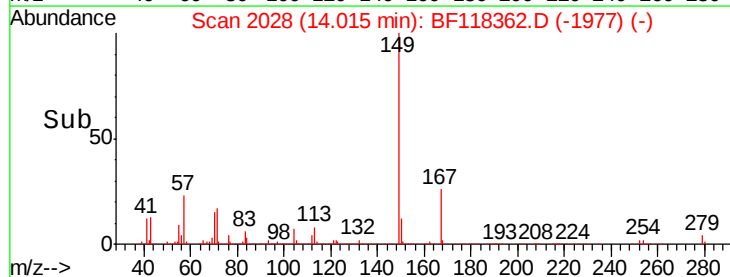
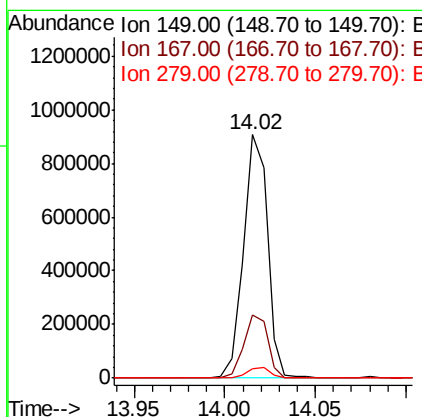
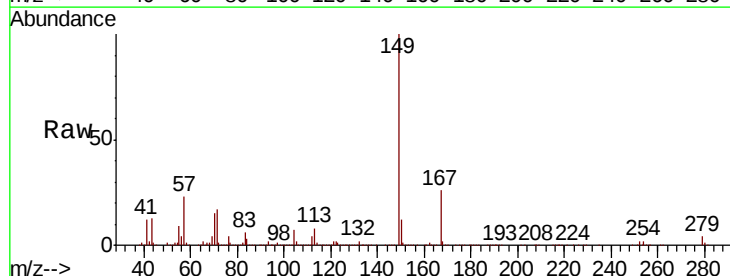
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.542 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF118362.D
 Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.9	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 44.215 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118362.D

Acq: 28 Dec 2019 13:41

Instrument :

BNA_F

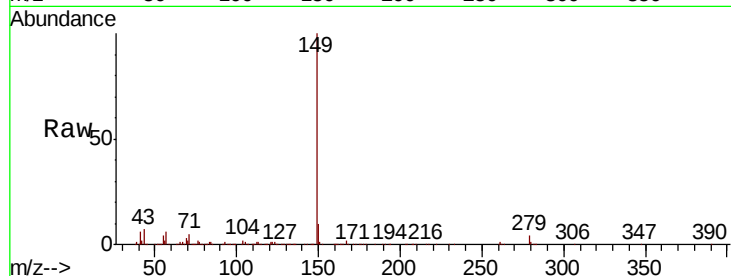
ClientSampleId :

PB125755BS

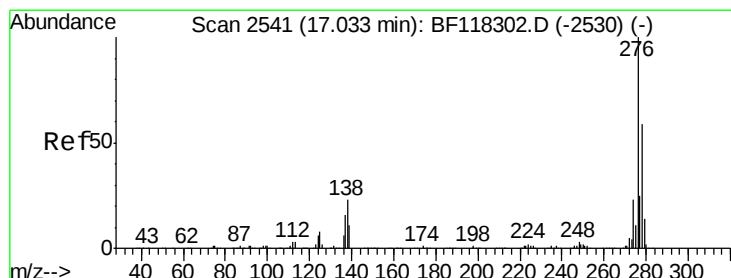
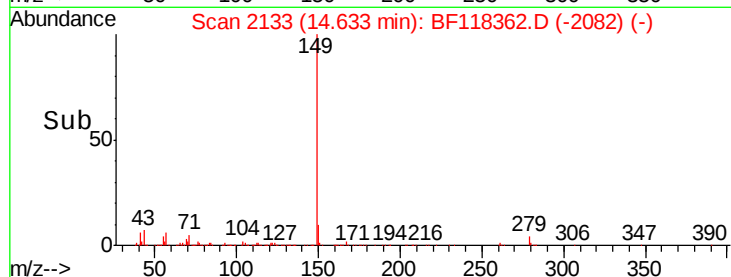
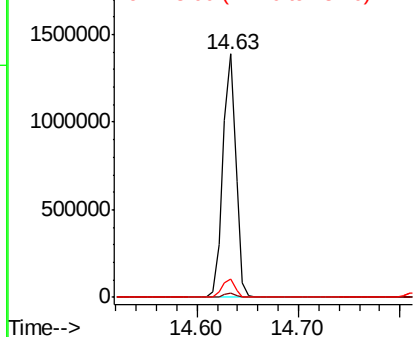
Tot Ion:	149	Resp:	1240682
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.4	6.1	9.1

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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: 35.615 ng

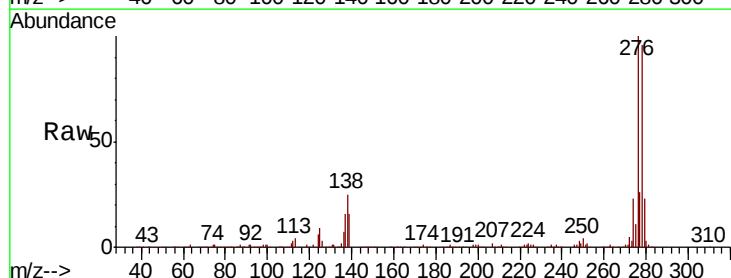
RT: 17.06 min Scan# 2546

Delta R.T. 0.03 min

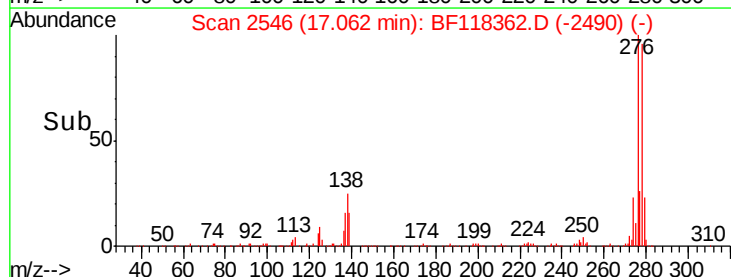
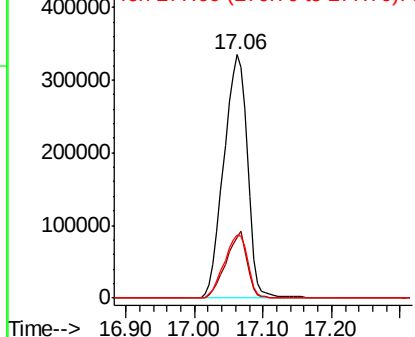
Lab File: BF118362.D

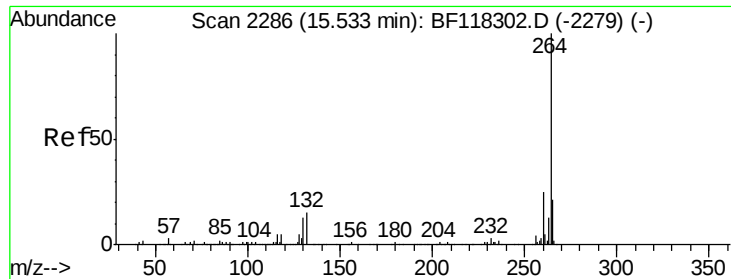
Acq: 28 Dec 2019 13:41

Tgt Ion:	276	Resp:	802493
Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.5	29.3
277	26.0	20.6	30.8



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





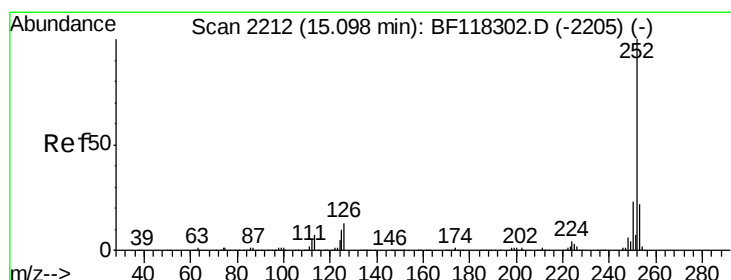
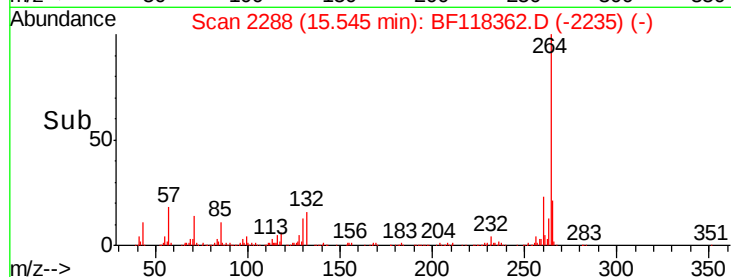
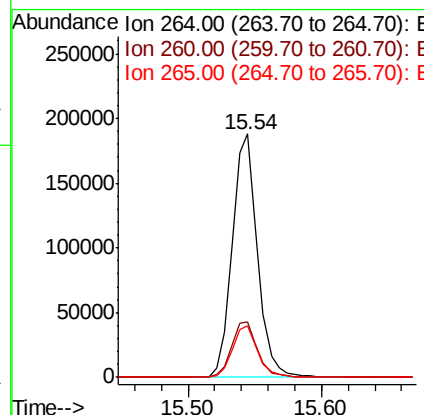
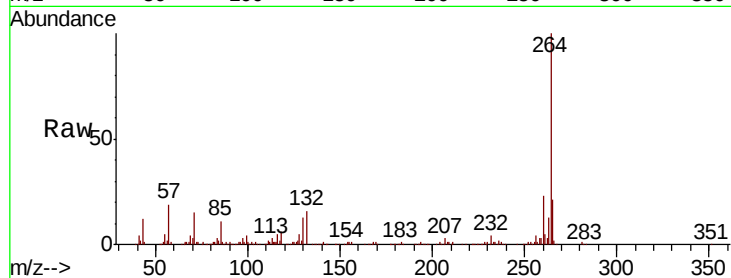
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.8	29.6
265	21.1	17.0	25.4

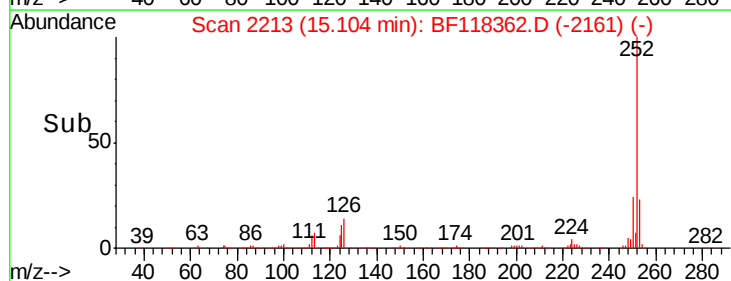
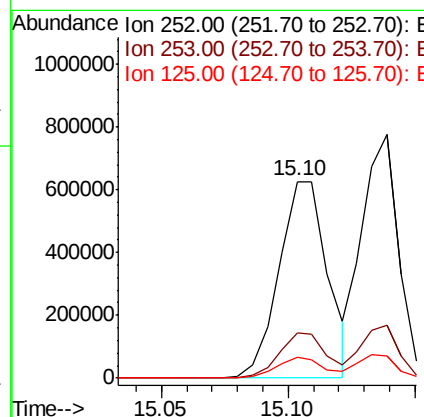
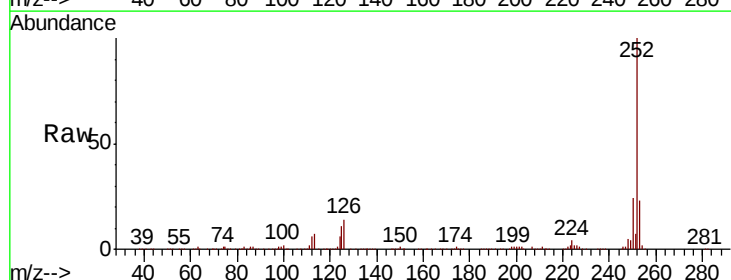
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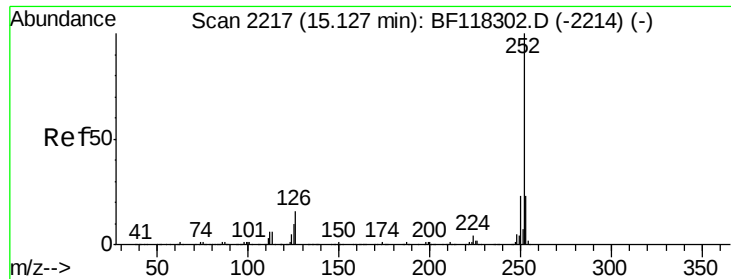
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#88
Benzo(b)fluoranthene
Concen: 50.599 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.9	7.7	11.5





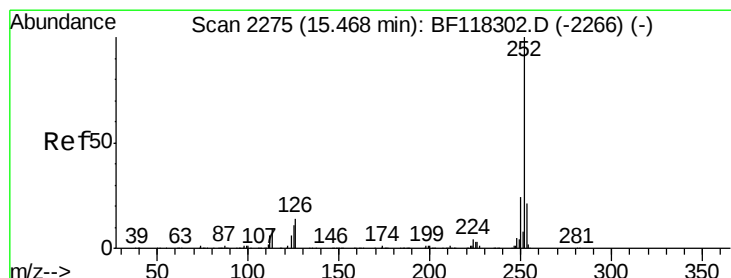
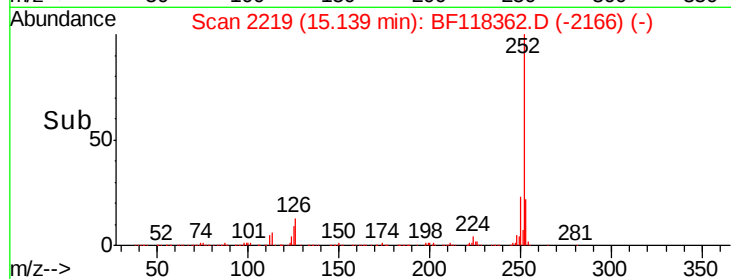
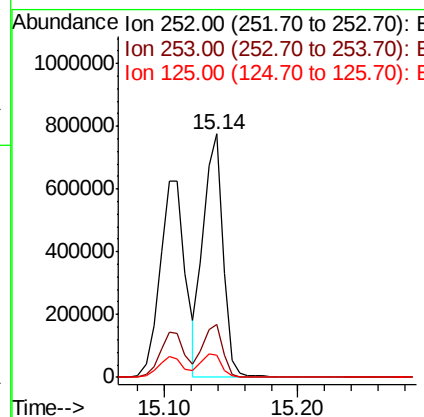
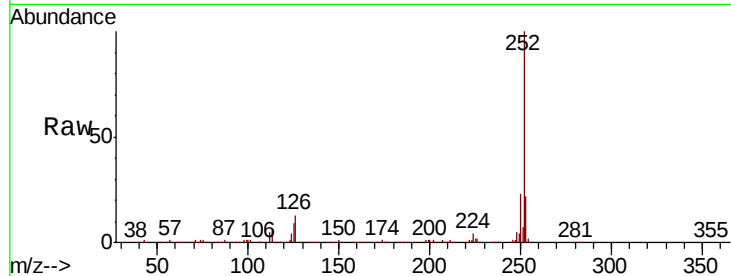
#89
Benzo(k)fluoranthene
Concen: 49.785 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	790518		
253	21.7		18.0	27.0
125	9.4		8.0	12.0

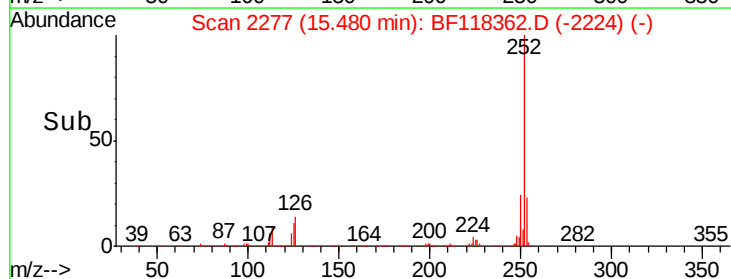
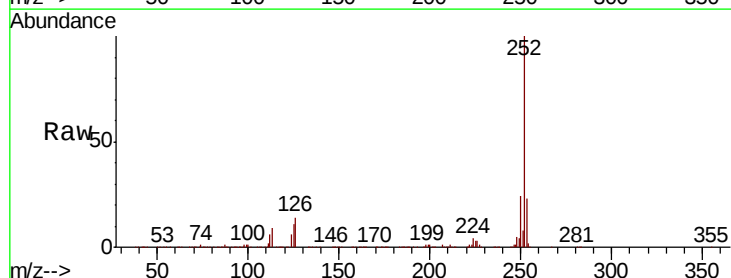
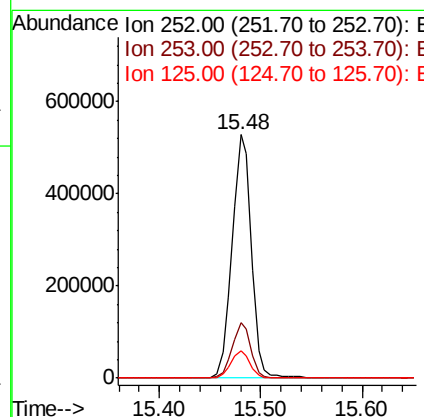
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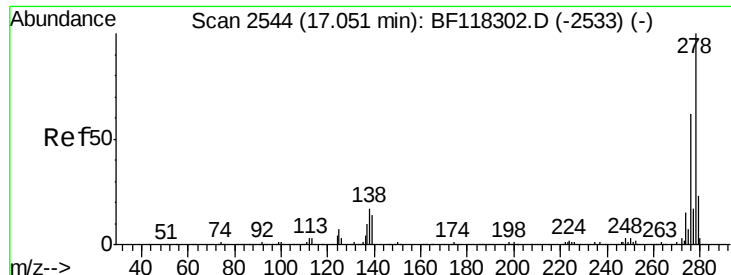
mohammad
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#90
Benzo(a)pyrene
Concen: 47.886 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	697597		
253	22.5		17.0	25.6
125	11.5		9.0	13.4





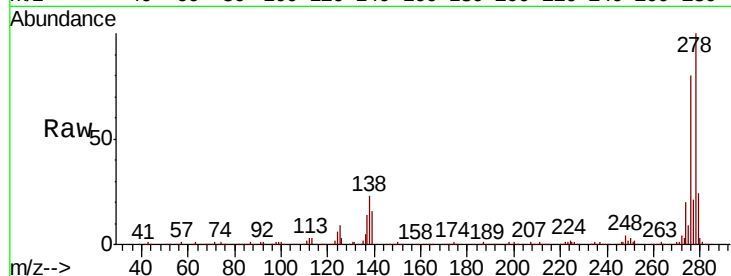
#91
Dibenzo(a,h)anthracene
Concen: 54.007 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	24.4	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/30/2019 2:08:36 PM

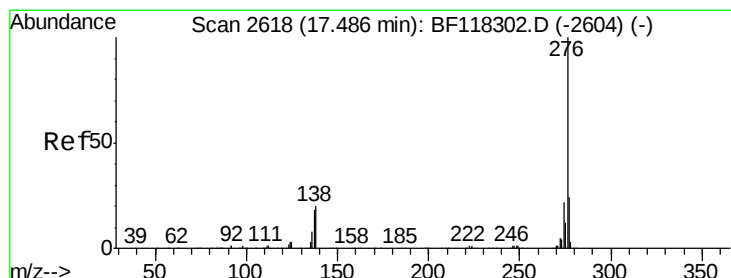
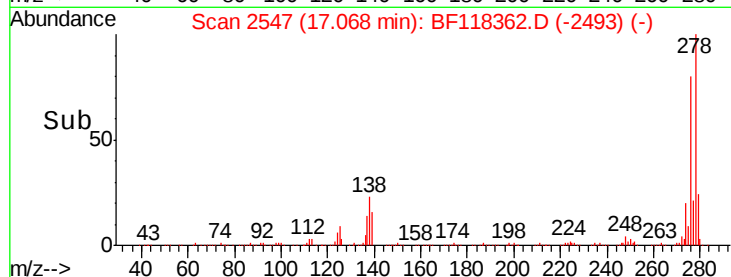
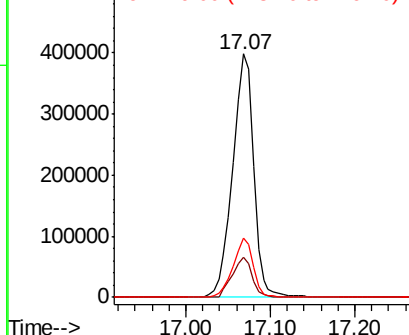


Abundance

Ion 278.00 (277.70 to 278.70): E

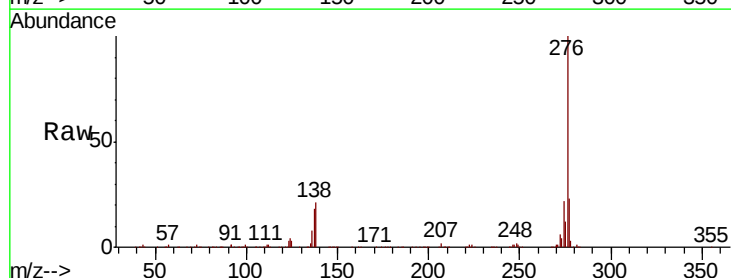
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.028 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.03 min
Lab File: BF118362.D
Acq: 28 Dec 2019 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.1	28.7
138	20.6	16.1	24.1



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

