

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117372.D
 Acq On : 12 Oct 2019 16:51
 Operator : JU
 Sample : PB123863BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123863BS

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:05:50 AM

Quant Time: Oct 14 02:26:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	46838	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	197592	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	103265	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	166772	20.00	ng	0.00
76) Chrysene-d12	13.97	240	130109	20.00	ng	0.00
87) Perylene-d12	15.42	264	118126	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	333094	111.03	ng	0.00
7) Phenol-d6	6.45	99	444874	114.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	228724	60.82	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	94729	109.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	413993	62.68	ng	-0.01
79) Terphenyl-d14	12.90	244	418702	60.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	49713	39.601	ng	96
3) Pyridine	3.38	79	114496	33.322	ng	97
4) n-Nitrosodimethylamine	3.32	42	45306	38.422	ng	89
6) Aniline	6.46	93	150402	30.130	ng	# 65
8) 2-Chlorophenol	6.59	128	134963	41.701	ng	99
9) Benzaldehyde	6.35	77	90294	48.651	ng	91
10) Phenol	6.46	94	170906	39.986	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	126641	40.314	ng	98
12) 1,3-Dichlorobenzene	6.74	146	140531	38.695	ng	96
13) 1,4-Dichlorobenzene	6.81	146	143286	38.661	ng	98
14) 1,2-Dichlorobenzene	6.97	146	136961	39.691	ng	96
15) Benzyl Alcohol	6.95	79	118845	39.972	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	122285	39.401	ng	# 46
17) 2-Methylphenol	7.06	107	113188	41.729	ng	# 90
18) Hexachloroethane	7.30	117	53021	37.187	ng	91
19) n-Nitroso-di-n-propylamine	7.21	70	97870	41.455	ng	93
20) 3+4-Methylphenols	7.22	107	143531	42.482	ng	# 71
22) Acetophenone	7.21	105	194232	38.690	ng	# 96
24) Nitrobenzene	7.38	77	148738	40.051	ng	98
25) Isophorone	7.62	82	264650	39.746	ng	99
26) 2-Nitrophenol	7.70	139	70957	44.482	ng	99
27) 2,4-Dimethylphenol	7.74	122	116007	45.859	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	158372	38.605	ng	99
29) 2,4-Dichlorophenol	7.95	162	108905	41.087	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	107803	37.645	ng	99
31) Naphthalene	8.10	128	386336	40.654	ng	99
32) Benzoic acid	7.89	122	59096	33.283	ng	96
33) 4-Chloroaniline	8.16	127	92405	21.924	ng	98
34) Hexachlorobutadiene	8.22	225	58502	36.008	ng	96
35) Caprolactam	8.53	113	36302m	40.463	ng	
36) 4-Chloro-3-methylphenol	8.65	107	125690	40.668	ng	98
37) 2-Methylnaphthalene	8.79	142	264825	41.384	ng	97
38) 1-Methylnaphthalene	8.89	142	253254	42.256	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	99659	37.373	ng	98

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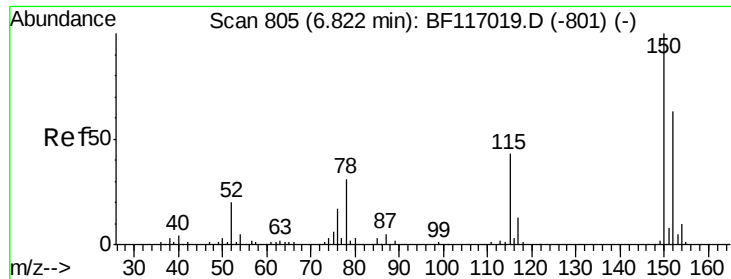
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	60945	54.481	nq	97
43) 2,4,6-Trichlorophenol	9.08	196	67386	37.238	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	74128	38.340	nq	96
46) 1,1'-Biphenyl	9.26	154	310380	38.318	nq	99
47) 2-Chloronaphthalene	9.28	162	241070	37.710	nq	99
48) 2-Nitroaniline	9.39	65	78854	38.457	nq	99
49) Acenaphthylene	9.70	152	378176	39.489	nq	100
50) Dimethylphthalate	9.55	163	275506	37.680	nq	100
51) 2,6-Dinitrotoluene	9.62	165	61187	41.088	nq #	86
52) Acenaphthene	9.87	154	222173	39.136	nq	99
53) 3-Nitroaniline	9.80	138	48190	25.649	nq	96
54) 2,4-Dinitrophenol	9.92	184	45655	72.033	nq	89
55) Dibenzofuran	10.04	168	332843	39.738	nq	99
56) 4-Nitrophenol	9.98	139	62593	51.402	nq	97
57) 2,4-Dinitrotoluene	10.04	165	81523	42.174	nq #	84
58) Fluorene	10.39	166	269829	39.992	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	54804	37.041	nq	99
60) Diethylphthalate	10.25	149	276478	38.435	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	117557	40.270	nq	97
62) 4-Nitroaniline	10.42	138	62365	31.918	nq	98
63) Azobenzene	10.53	77	289309	39.379	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	35970	47.431	nq	83
66) n-Nitrosodiphenylamine	10.49	169	236962	41.142	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	65048	38.193	nq	93
68) Hexachlorobenzene	10.94	284	70654	37.928	nq	98
69) Atrazine	11.02	200	71207	51.723	nq	99
70) Pentachlorophenol	11.14	266	54354	62.247	nq	96
71) Phenanthrene	11.35	178	377590	39.861	nq	98
72) Anthracene	11.40	178	403046	41.677	nq	98
73) Carbazole	11.56	167	368082	40.098	nq	100
74) Di-n-butylphthalate	11.87	149	443664	40.622	nq	98
75) Fluoranthene	12.54	202	389507	40.019	nq	98
77) Benzidine	12.66	184	244942	58.443	nq	99
78) Pyrene	12.77	202	397766	36.435	nq	99
80) Butylbenzylphthalate	13.37	149	184806	35.825	nq	95
81) Benzo(a)anthracene	13.96	228	329484	37.903	nq	97
82) 3,3'-Dichlorobenzidine	13.92	252	70701	25.240	nq	96
83) Chrysene	14.00	228	327090	38.580	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	256938	38.631	nq	99
85) Di-n-octyl phthalate	14.54	149	430216	41.096	nq	100
86) Indeno(1,2,3-cd)pyrene	16.88	276	225322	36.428	nq	98
88) Benzo(b)fluoranthene	15.00	252	278388	38.906	nq	98
89) Benzo(k)fluoranthene	15.03	252	270090	39.848	nq	98
90) Benzo(a)pyrene	15.36	252	239325	38.116	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	191644	38.314	nq	99
92) Benzo(g,h,i)perylene	17.32	276	182091	36.532	nq	97

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



#1

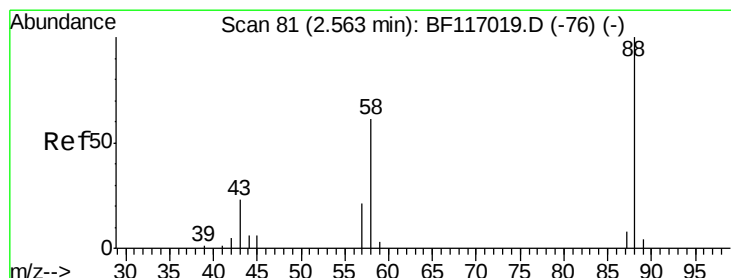
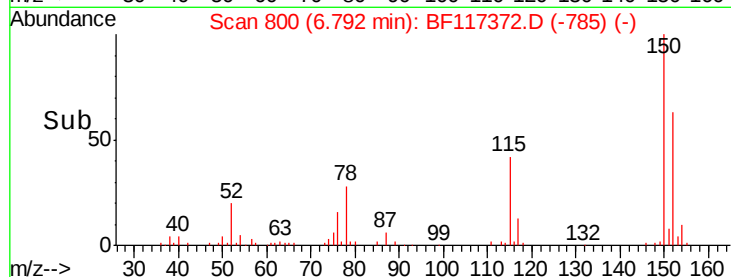
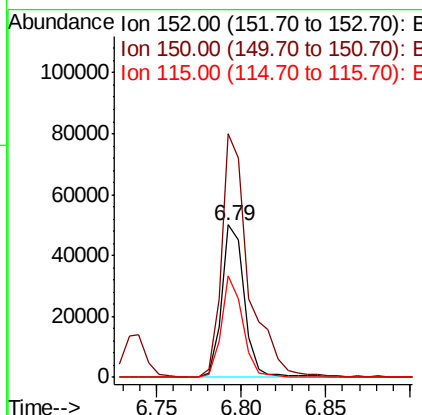
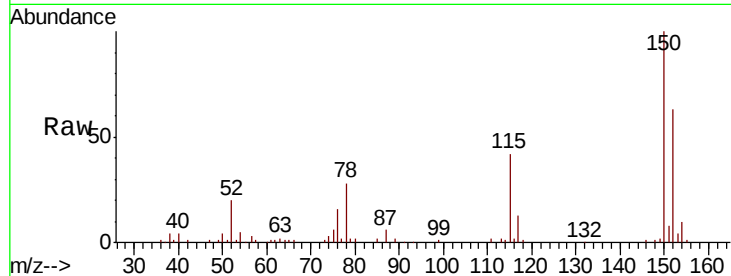
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleID :
PB123863BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	127.5	191.3
115	66.4	55.0	82.4

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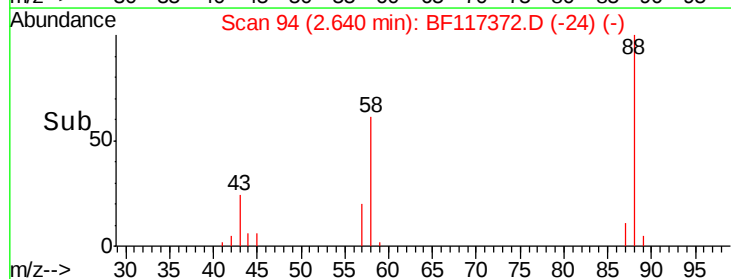
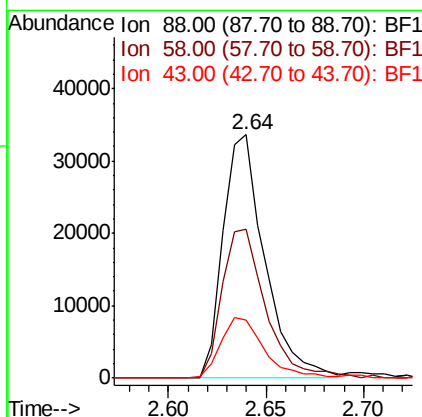
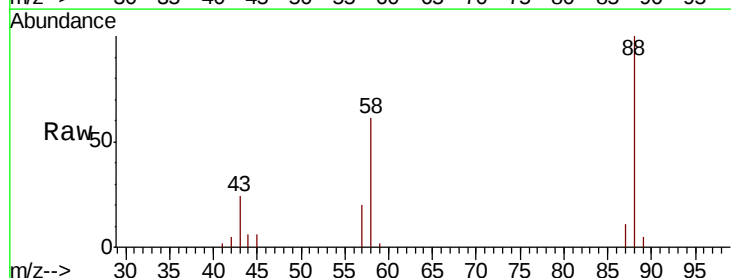
mohammad
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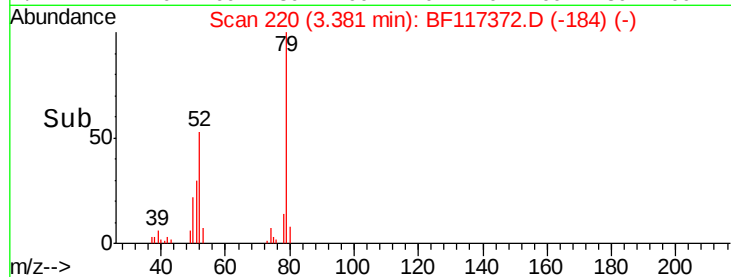
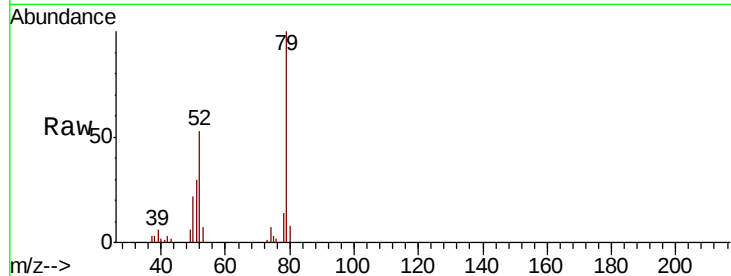


#2

1,4-Dioxane
Concen: 39.601 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.11 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.3	49.3	73.9
43	26.8	18.8	28.2





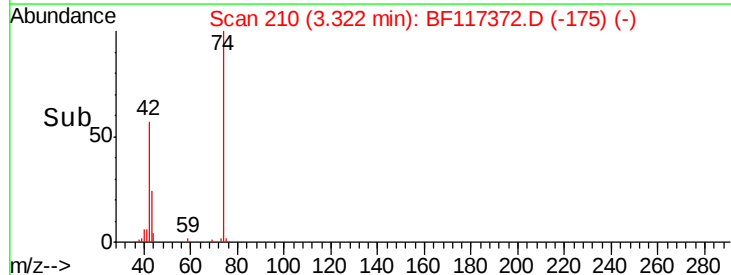
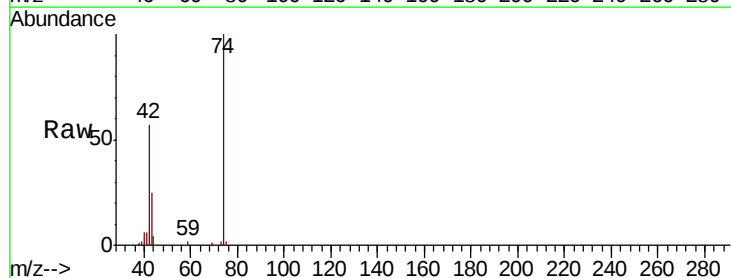
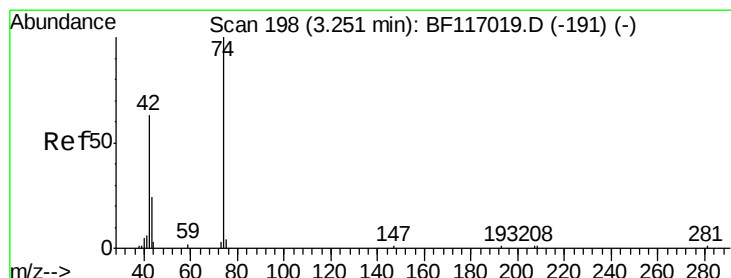
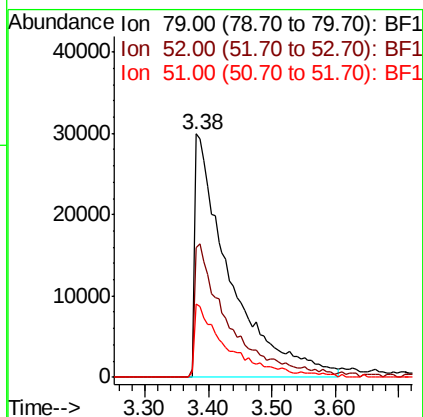
#3
 Pvridine
 Concen: 33.322 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.11 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tot Ion	79	Resp	114496
Ion Ratio	Lower	Upper	
79	100		
52	53.2	43.5	65.3
51	30.4	21.8	32.6

Instrument :
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 ClientSampleId :
 PB123863BS

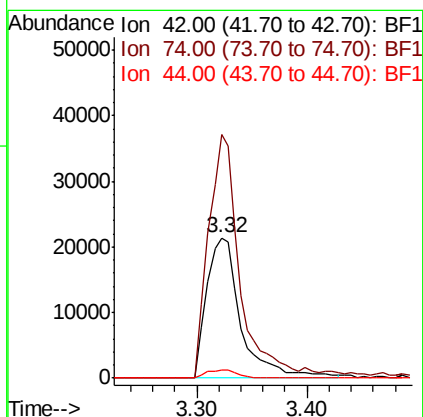
Manual Integrations
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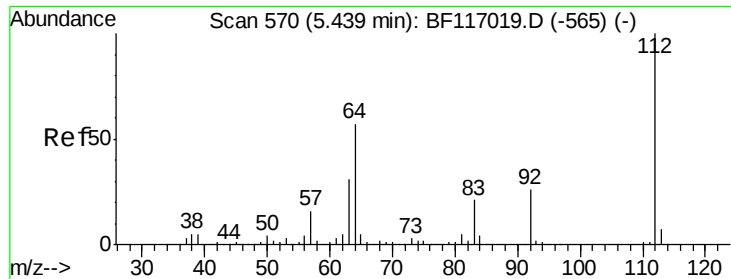
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#4
 n-Nitrosodimethylamine
 Concen: 38.422 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.11 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	42	Resp	45306
Ion Ratio	Lower	Upper	
42	100		
74	174.0	127.1	190.7
44	6.2	4.3	6.5





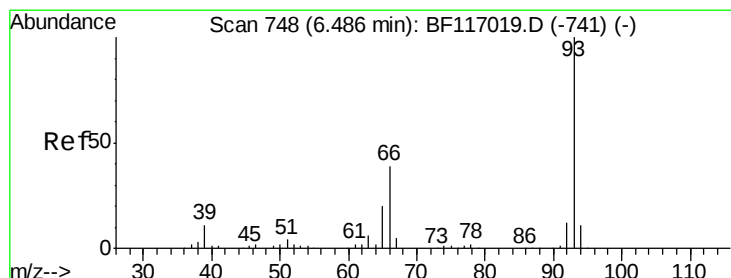
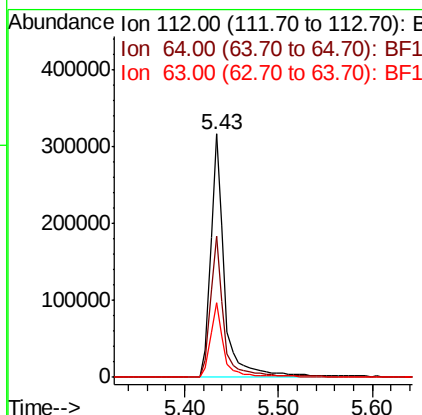
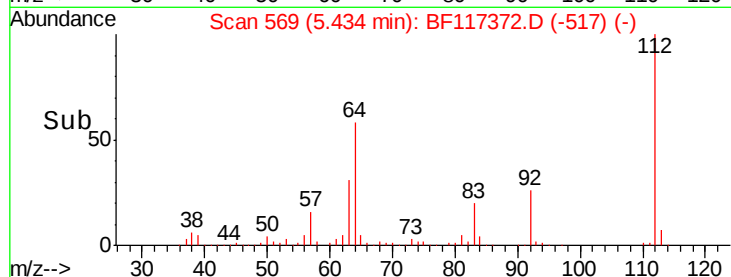
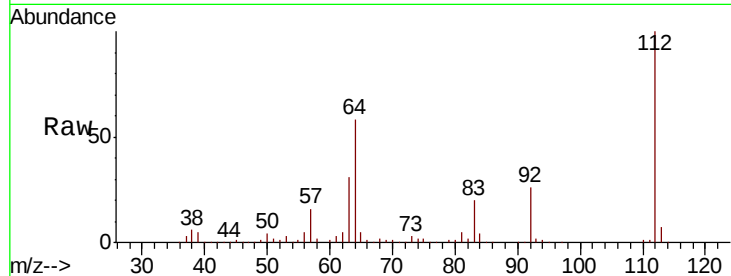
#5
2-Fluorophenol
Concen: 111.030 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	333094		
64	57.8	45.7	68.5	
63	30.6	24.9	37.3	

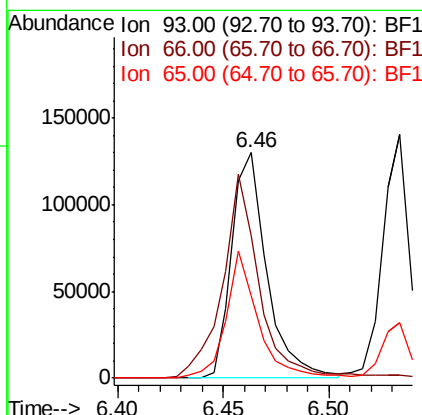
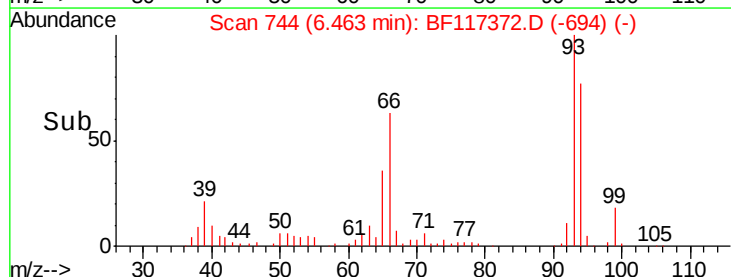
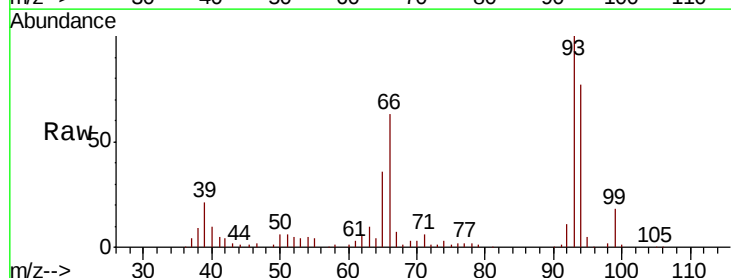
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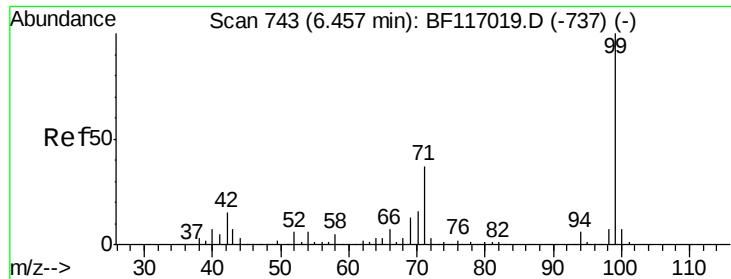
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#6
Aniline
Concen: 30.130 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	150402		
66	63.3	32.6	49.0#	
65	36.4	16.7	25.1#	





#7

Phenol-d6

Concen: 114.743 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

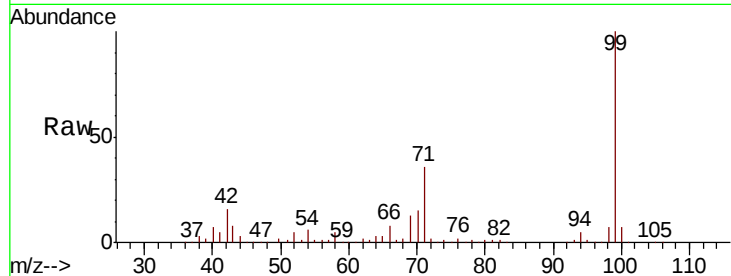
ClientSampleID :

PB123863BS

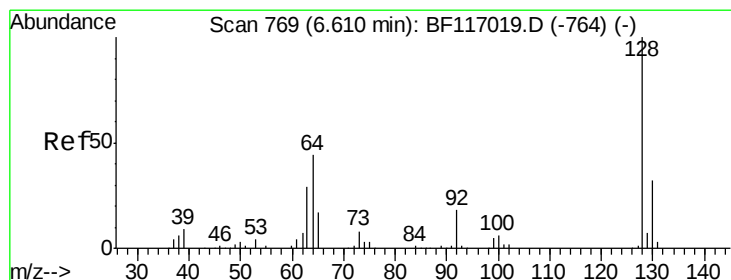
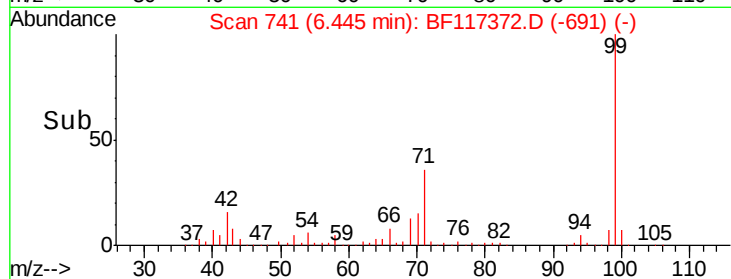
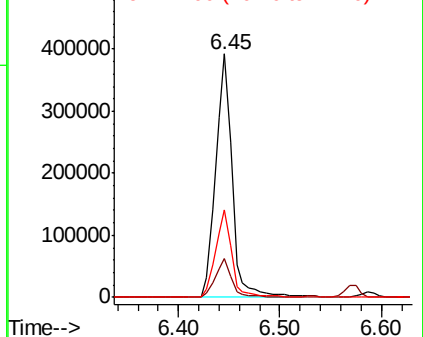
Tot Ion:	99	Resp:	444874
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.2	18.2
71	36.1	29.8	44.8

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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: 41.701 ng

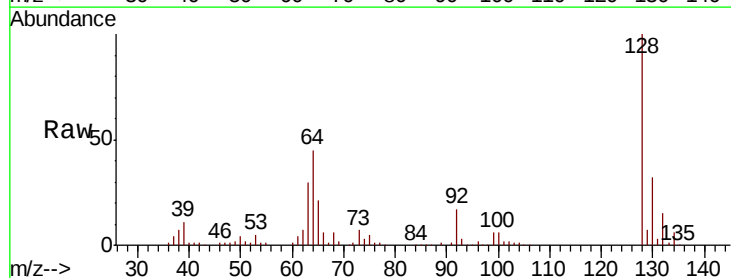
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

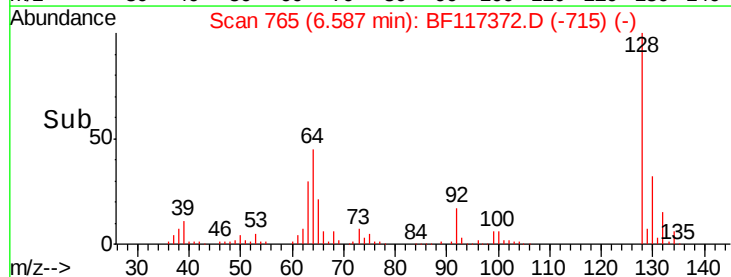
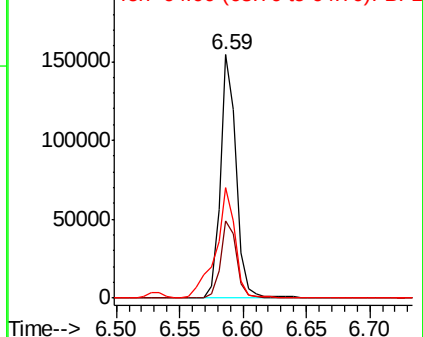
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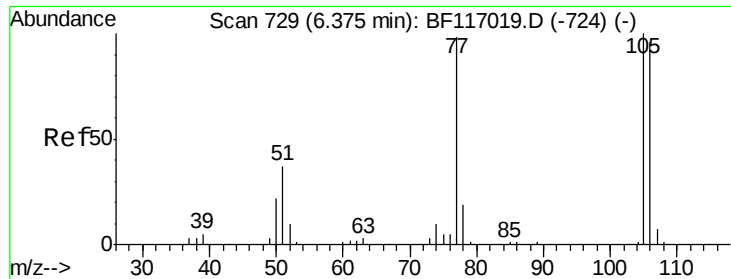
Acq: 12 Oct 2019 16:51

Tgt Ion:	128	Resp:	134963
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.8	51.8
64	45.4	25.0	65.0



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: 48.651 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

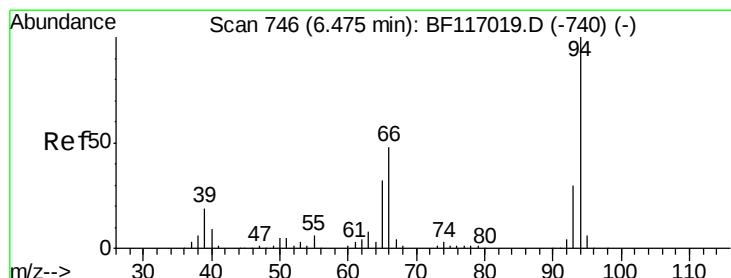
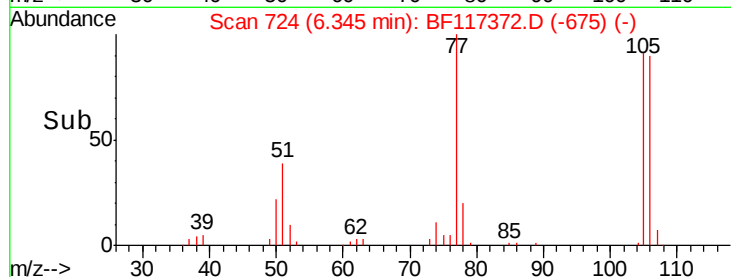
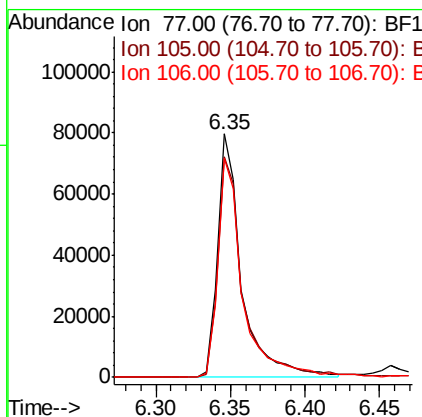
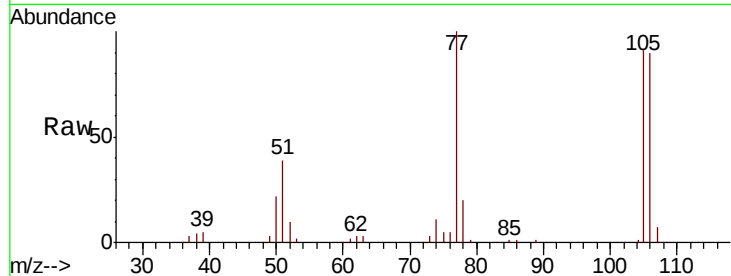
ClientSampleID :

PB123863BS

Tot Ion:	77	Resp:	90294
Ion	Ratio	Lower	Upper
77	100		
105	90.7	81.8	121.8
106	90.0	77.3	117.3

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#10

Phenol

Concen: 39.986 ng

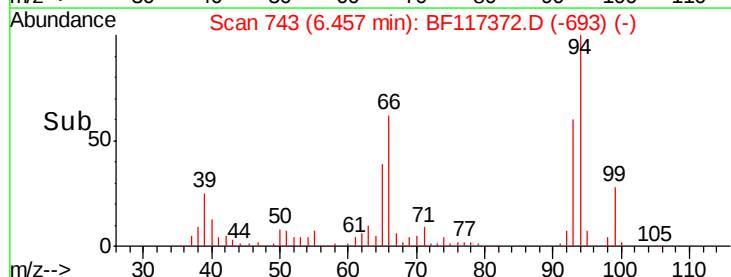
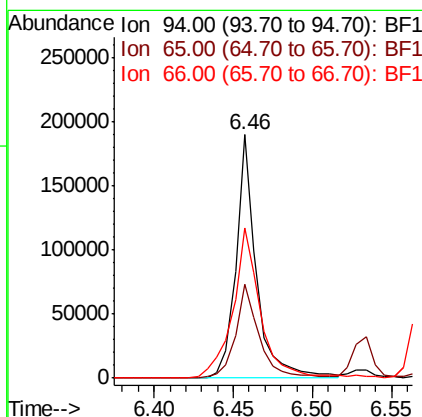
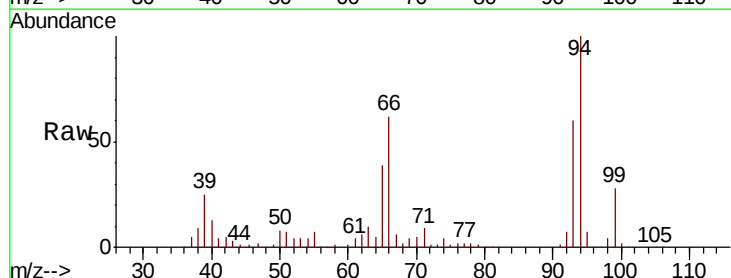
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	94	Resp:	170906
Ion	Ratio	Lower	Upper
94	100		
65	38.6	12.5	52.5
66	61.8	28.9	68.9





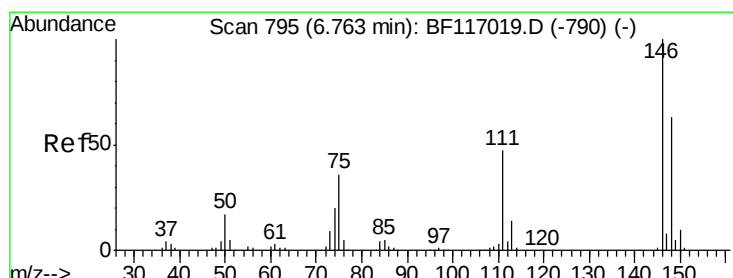
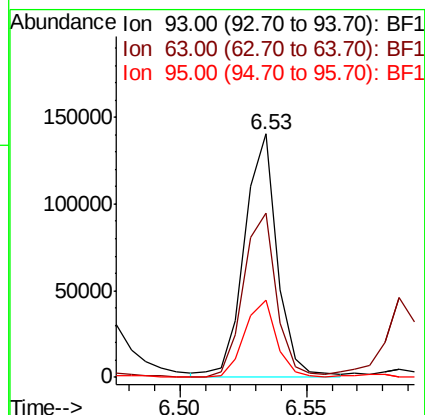
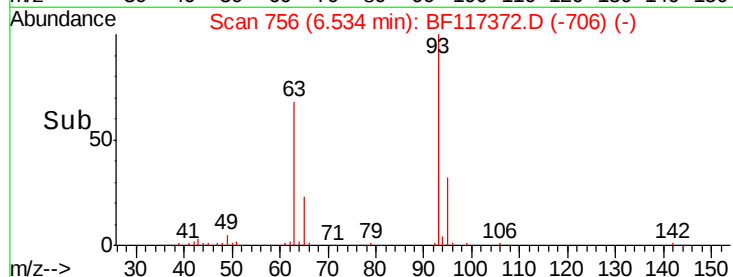
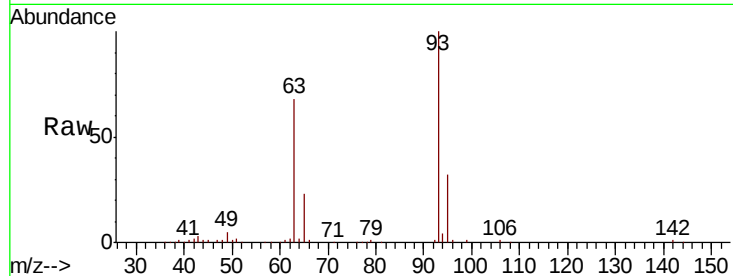
#11
bis(2-Chloroethyl)ether
Concen: 40.314 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion:	93	Resp:	126641
Ion Ratio	Lower	Upper	
93	100		
63	67.6	49.3	89.3
95	31.6	11.5	51.5

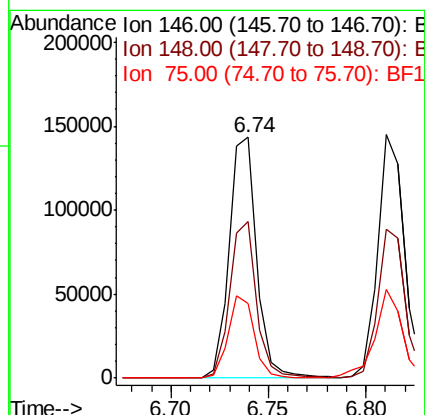
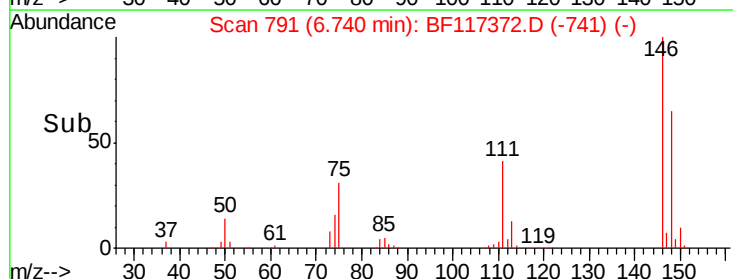
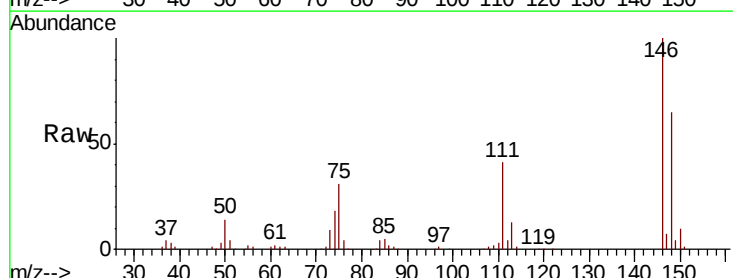
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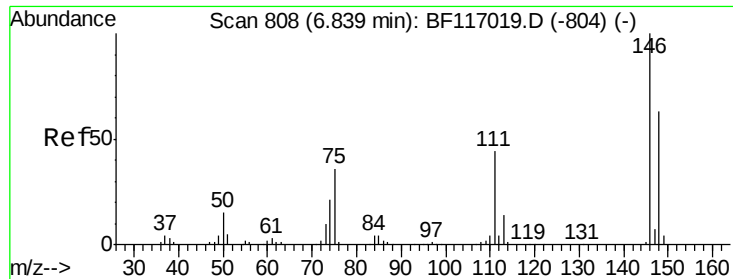
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.695 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion:	146	Resp:	140531
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.8	76.2
75	31.2	28.7	43.1





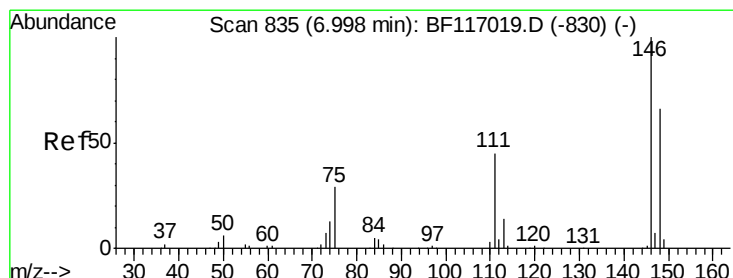
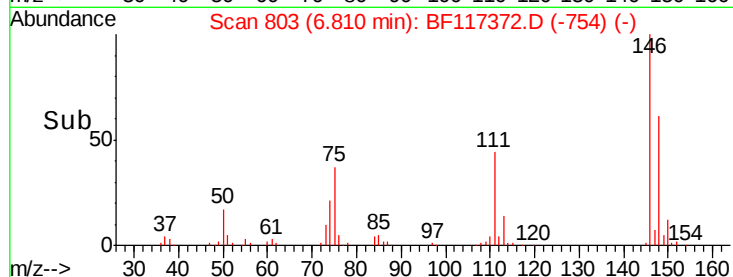
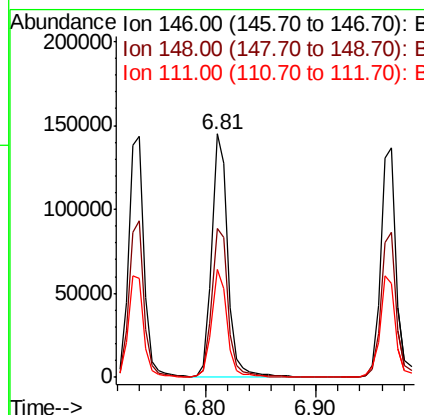
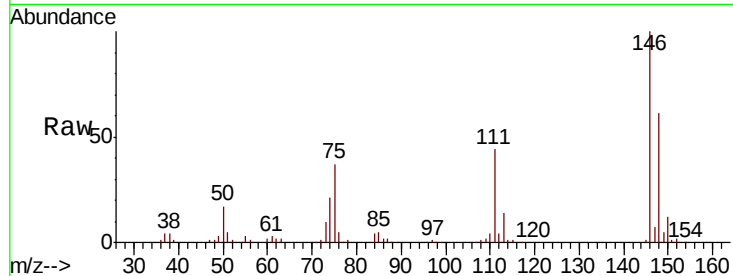
#13
1,4-Dichlorobenzene
Concen: 38.661 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.6	76.0
111	44.2	35.0	52.6

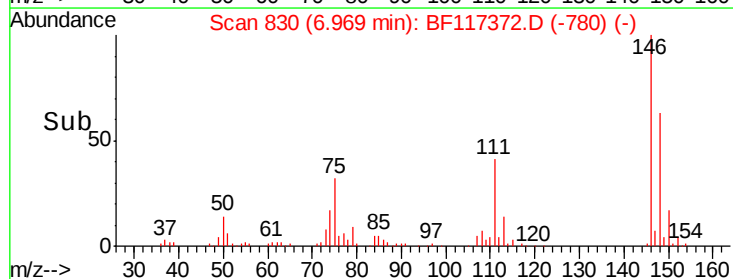
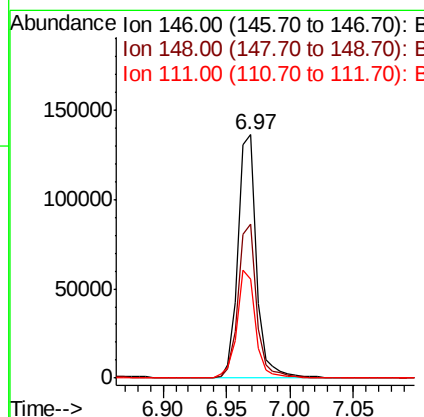
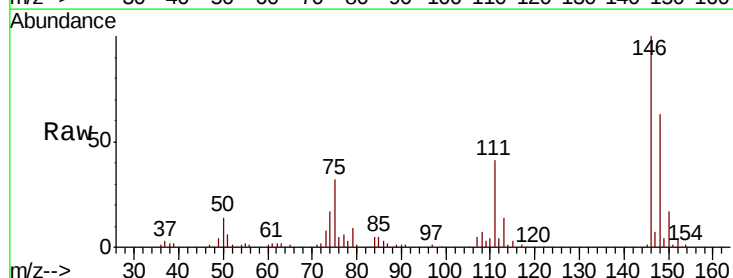
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#14
1,2-Dichlorobenzene
Concen: 39.691 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
111	40.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 39.972 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

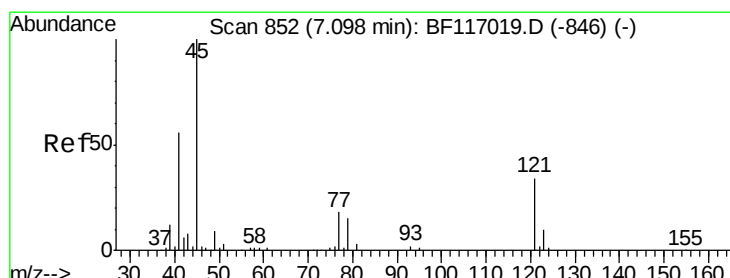
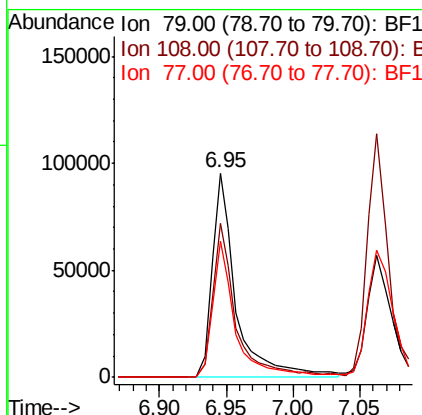
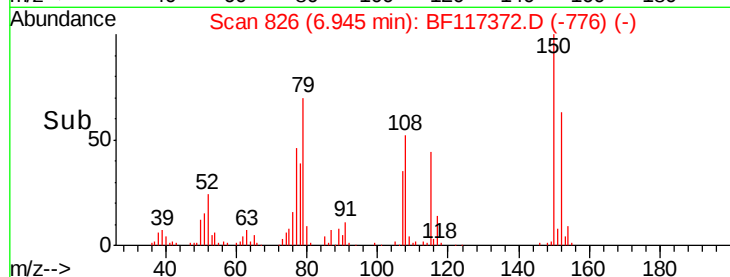
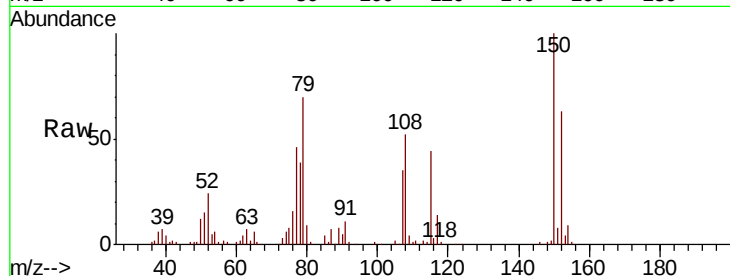
ClientSampleId :

PB123863BS

Tot Ion:	79	Resp:	118845
Ion Ratio	Lower	Upper	
79	100		
108	75.2	59.4	89.0
77	66.4	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.401 ng

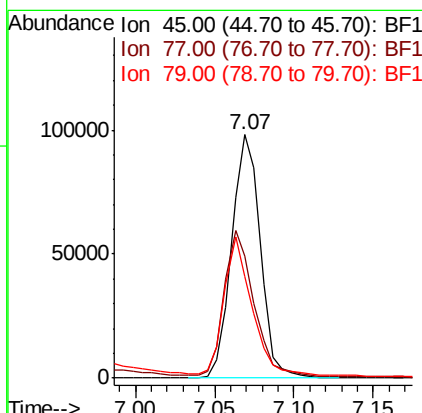
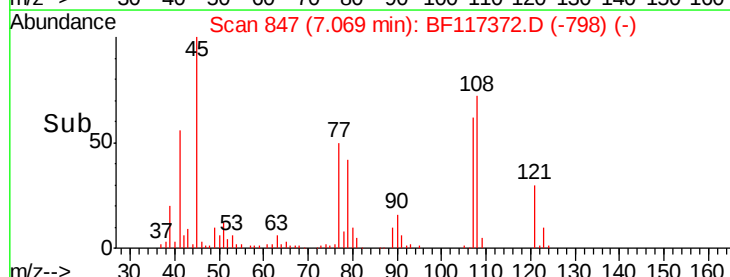
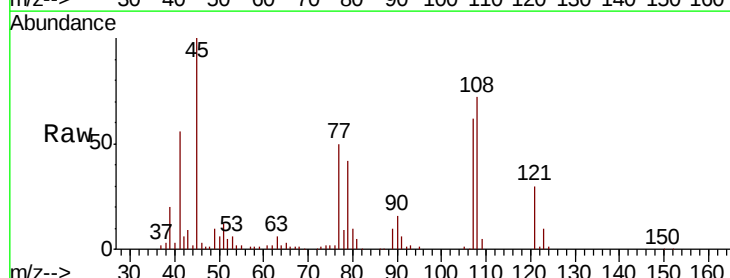
RT: 7.07 min Scan# 847

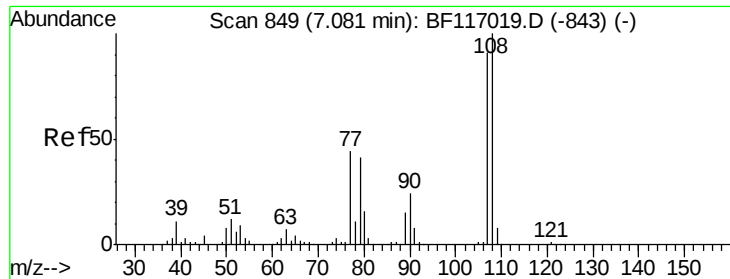
Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	45	Resp:	122285
Ion Ratio	Lower	Upper	
45	100		
77	50.0	2.7	42.7#
79	41.8	0.0	38.9#





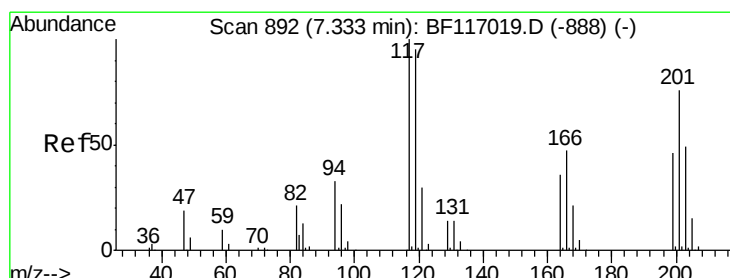
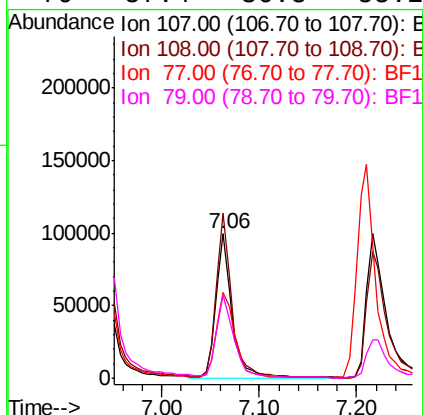
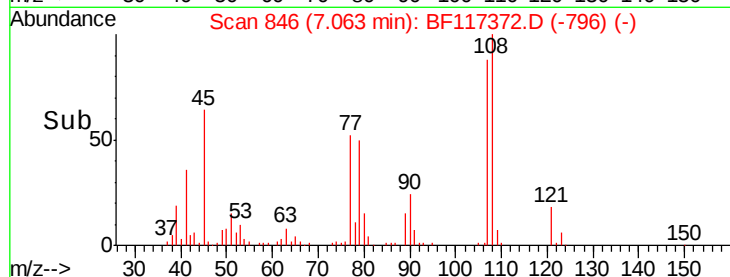
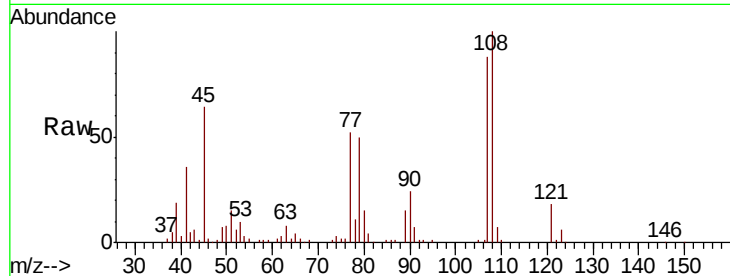
#17
2-Methylphenol
Concen: 41.729 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	87.7	131.5	
77	59.8	38.6	58.0	
79	57.4	36.8	55.2	

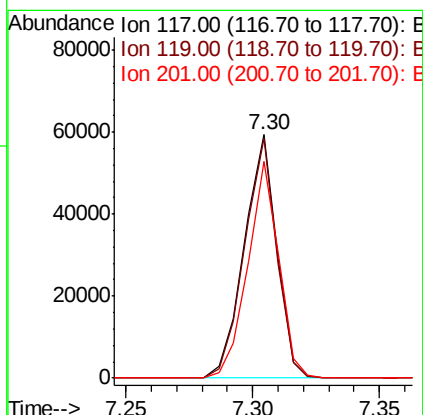
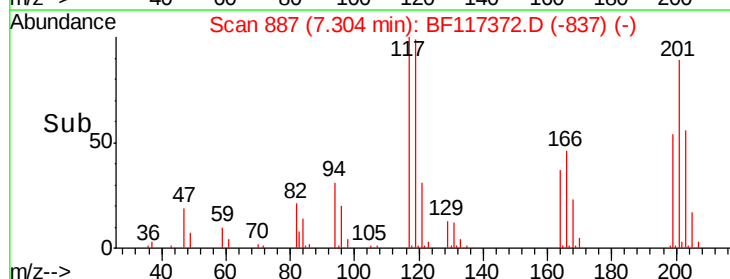
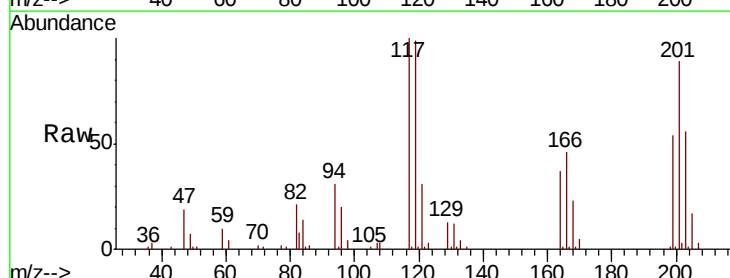
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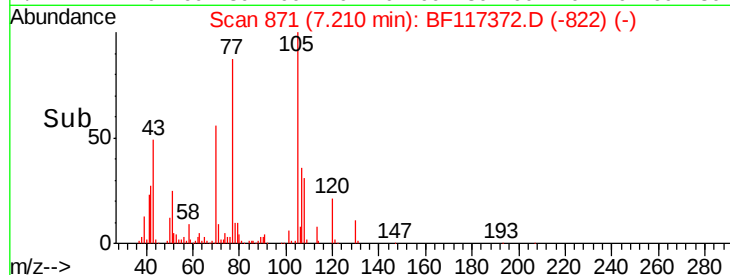
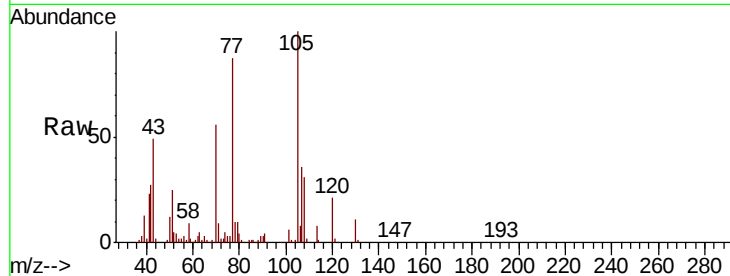
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#18
Hexachloroethane
Concen: 37.187 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	75.8	113.8	
201	88.9	60.9	91.3	





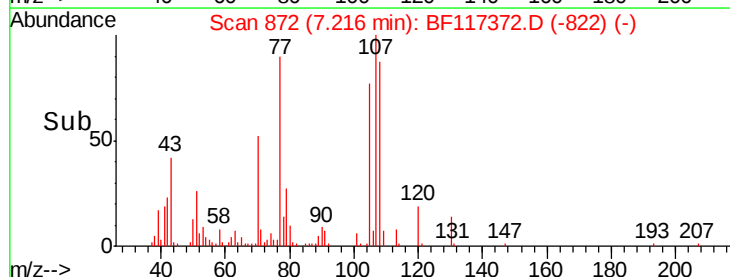
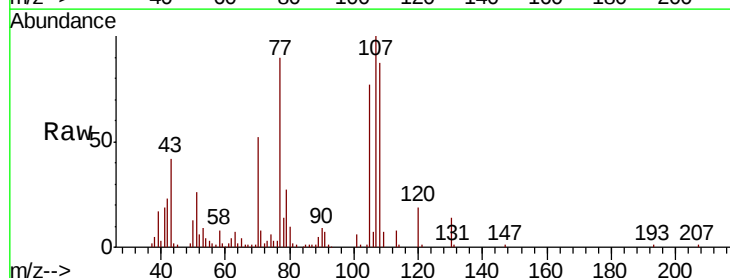
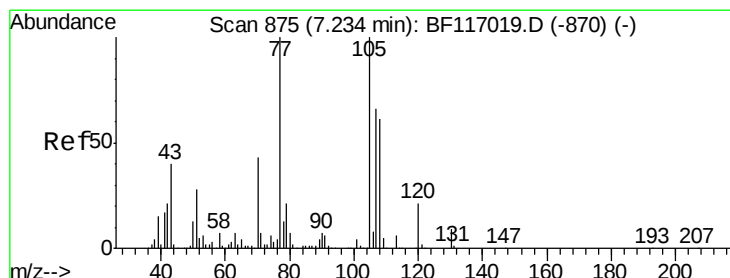
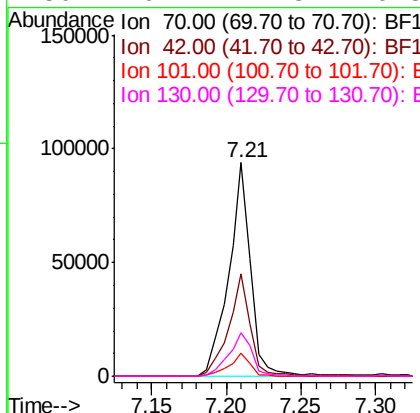
#19
n-Nitroso-di-n-propylamine
Concen: 41.455 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.1	34.0	51.0
101	10.7	7.8	11.6
130	20.2	17.8	26.8

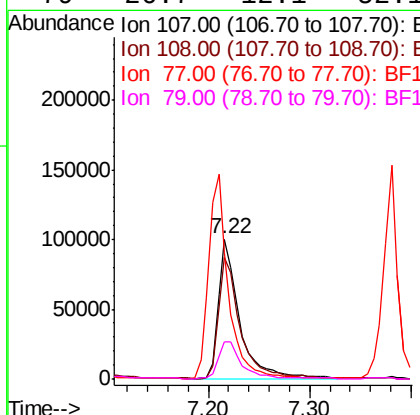
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#20
3+4-Methylphenols
Concen: 42.482 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	72.6	112.6
77	90.5	132.1	172.1#
79	26.7	12.1	52.1





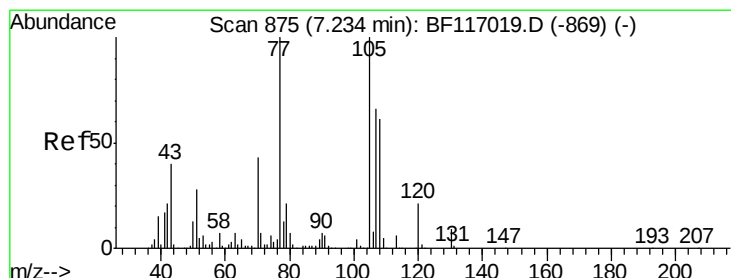
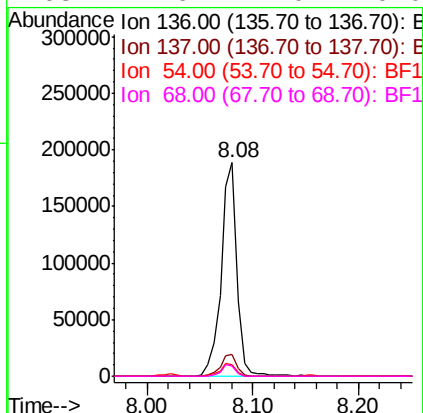
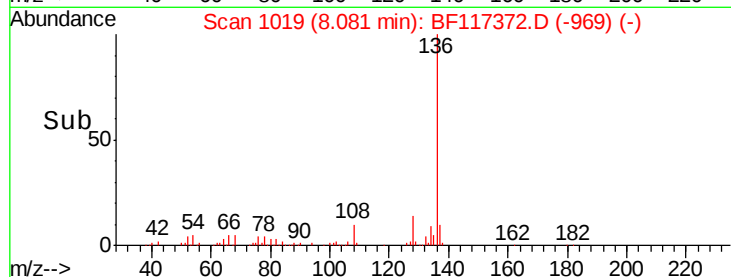
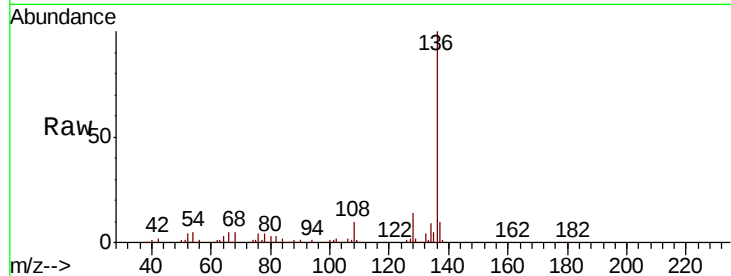
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	197592		
137	10.0	9.0	13.4	
54	5.4	4.5	6.7	
68	4.6	4.0	6.0	

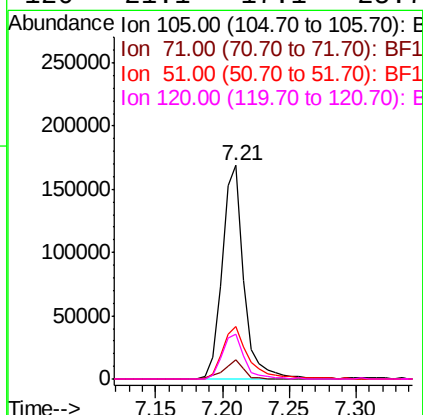
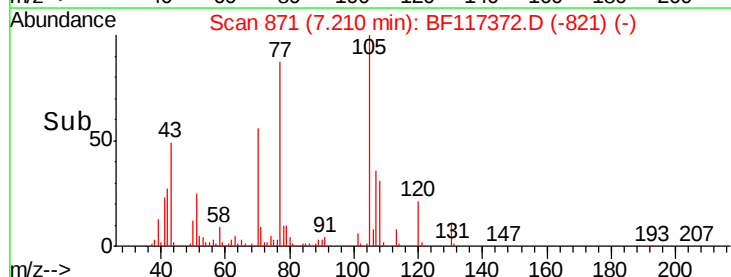
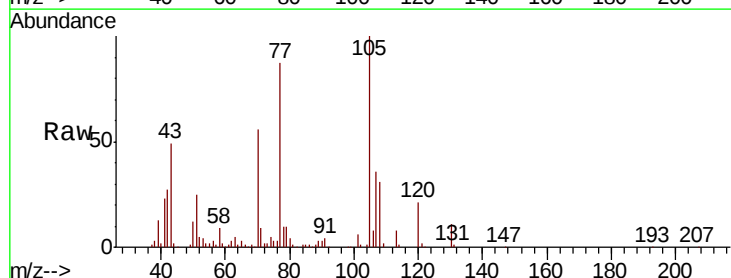
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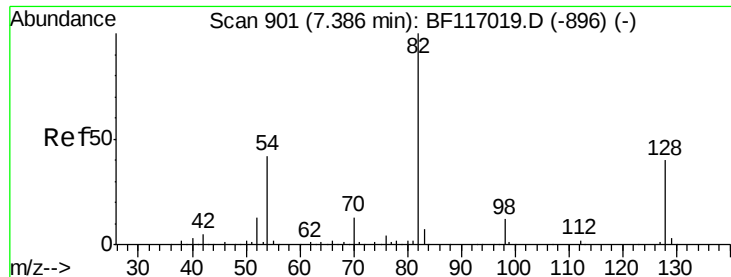
mohammad
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#22
Acetophenone
Concen: 38.690 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194232		
71	9.2	5.7	8.5#	
51	24.6	22.1	33.1	
120	21.1	17.1	25.7	





#23

Nitrobenzene-d5

Concen: 60.821 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

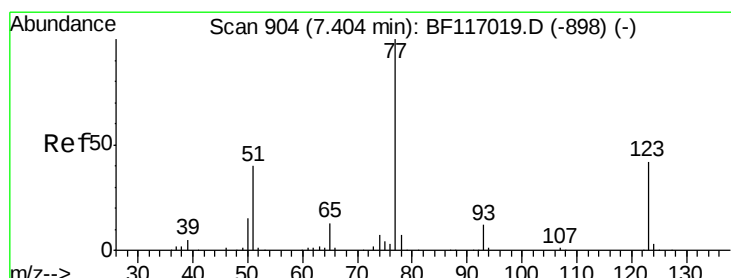
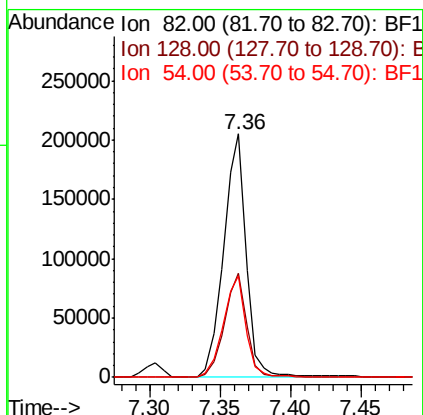
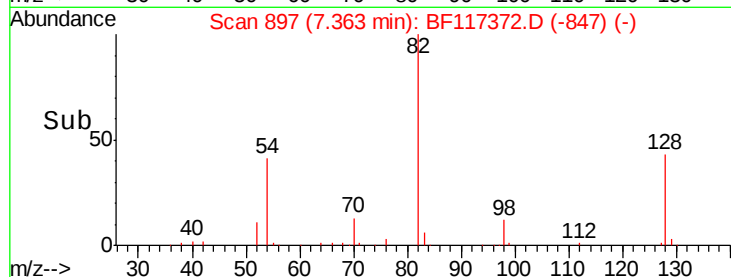
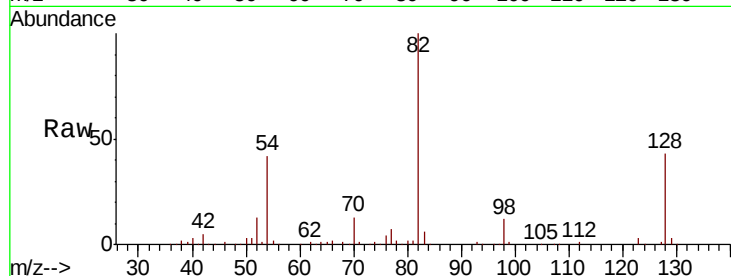
ClientSampleID :

PB123863BS

Tot Ion:	82	Resp:	228724
Ion Ratio	Lower	Upper	
82	100		
128	42.7	32.3	48.5
54	41.6	33.3	49.9

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#24

Nitrobenzene

Concen: 40.051 ng

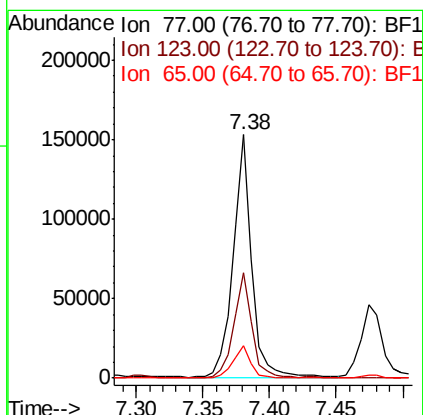
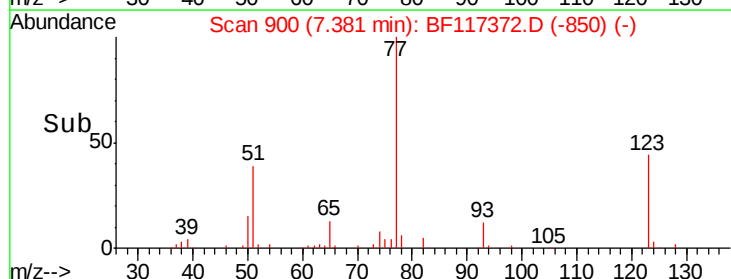
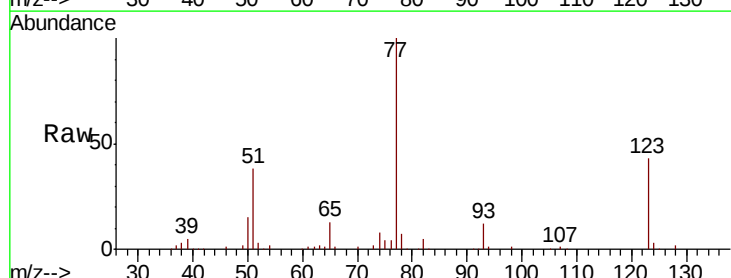
RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	77	Resp:	148738
Ion Ratio	Lower	Upper	
77	100		
123	43.4	33.5	50.3
65	13.1	10.5	15.7





#25

Isophorone

Concen: 39.746 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

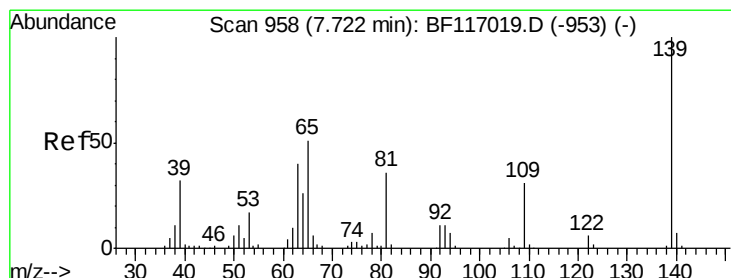
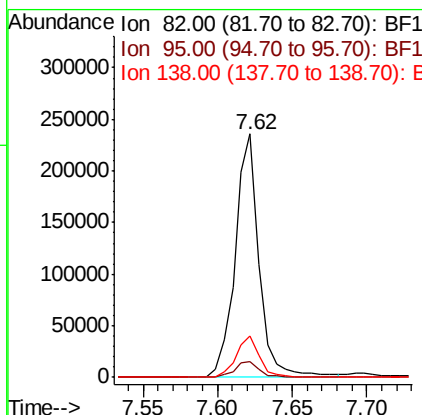
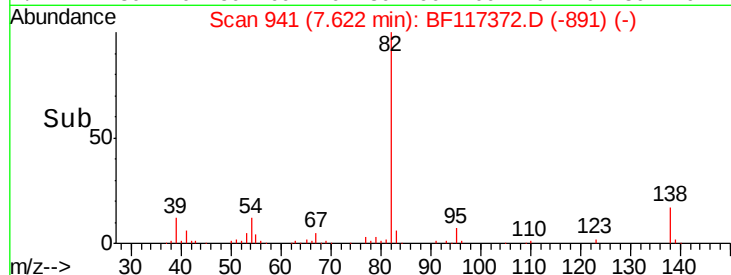
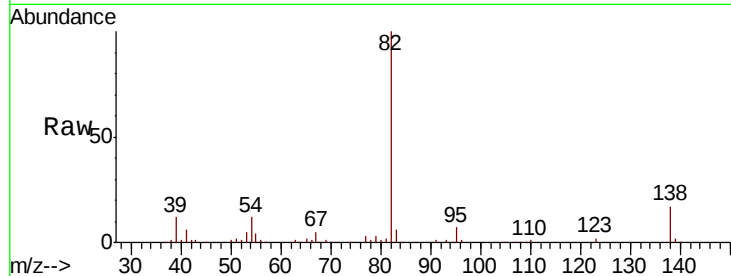
ClientSampleId :

PB123863BS

Tot Ion:	82	Resp:	264650
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.8	8.6
138	17.2	13.5	20.3

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#26

2-Nitrophenol

Concen: 44.482 ng

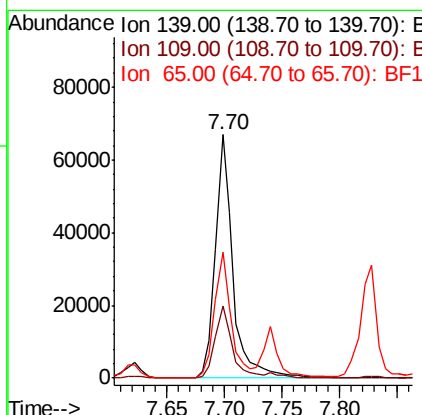
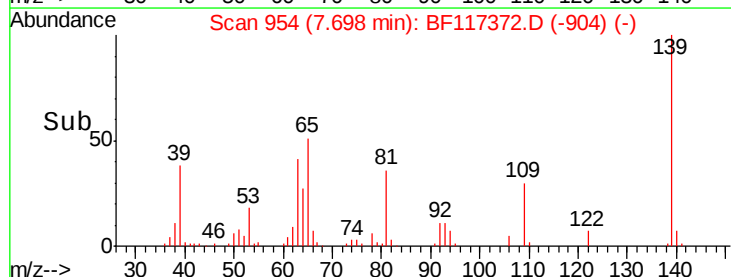
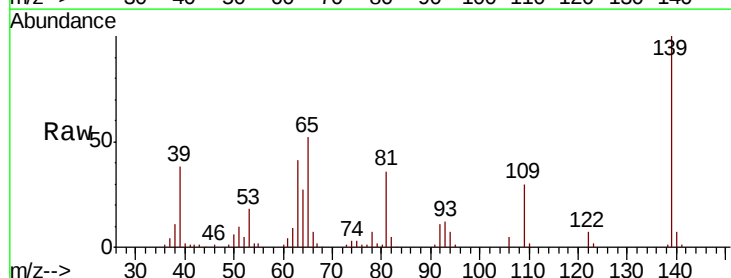
RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	139	Resp:	70957
Ion Ratio		Lower	Upper
139	100		
109	29.7	24.6	36.8
65	51.8	40.9	61.3





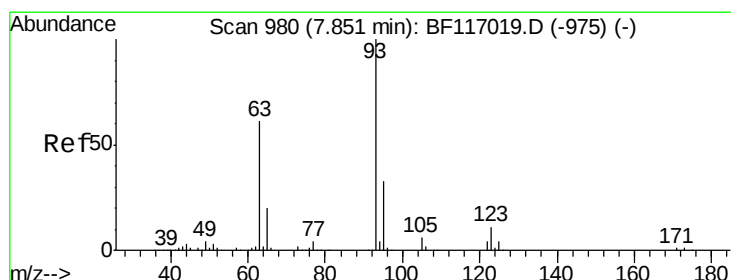
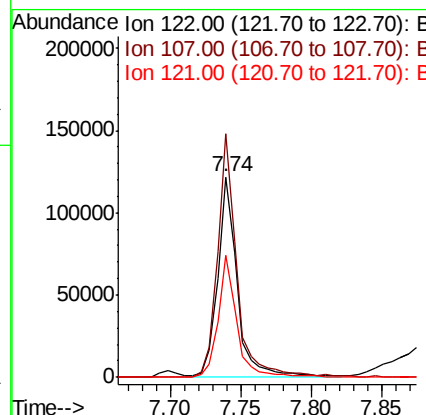
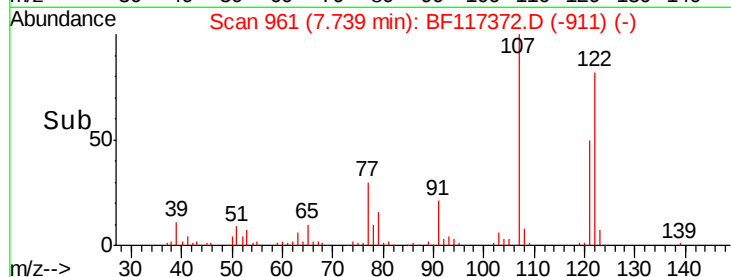
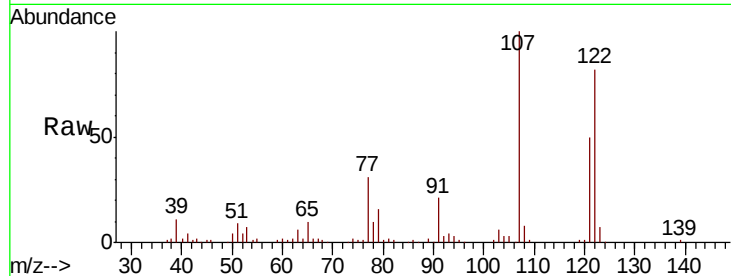
#27
 2,4-Dimethylphenol
 Concen: 45.859 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123863BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	98.9	148.3
121	60.8	45.3	67.9

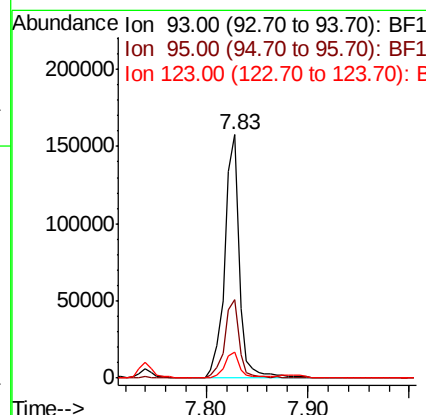
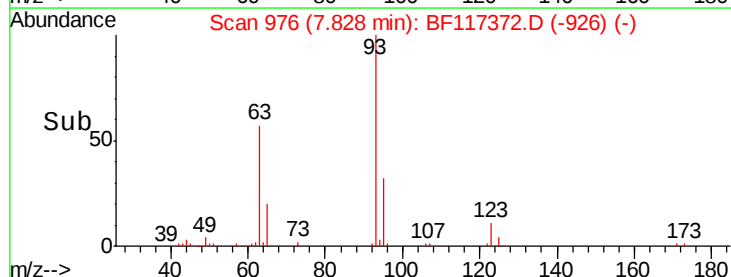
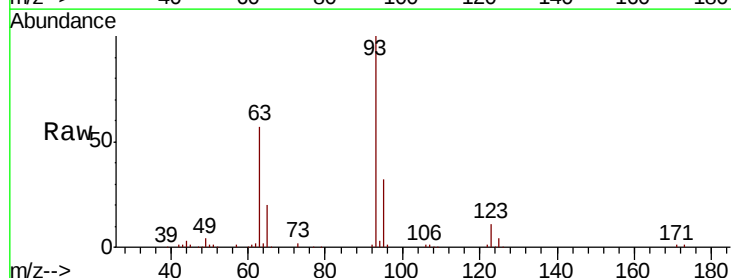
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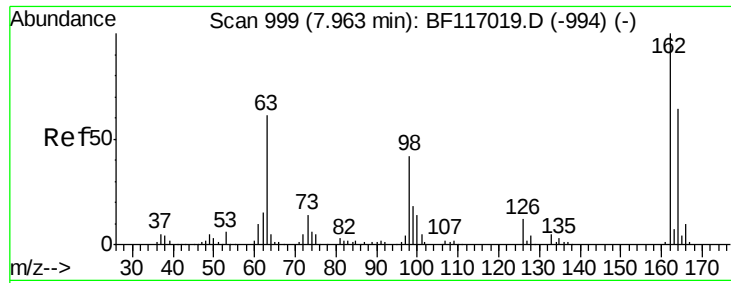
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.605 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	10.8	9.0	13.6





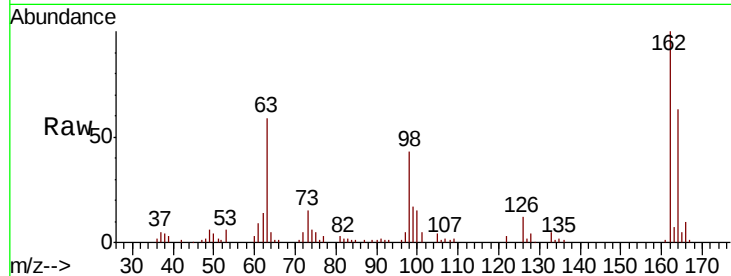
#29
 2,4-Dichlorophenol
 Concen: 41.087 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleID :
 PB123863BS

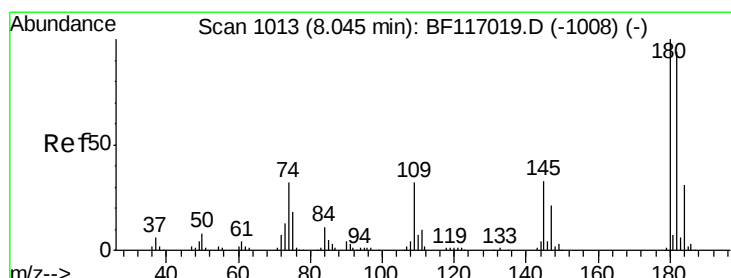
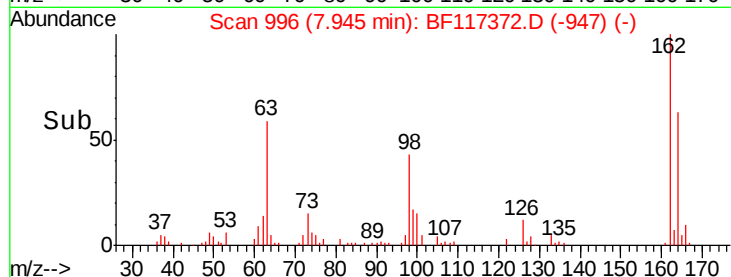
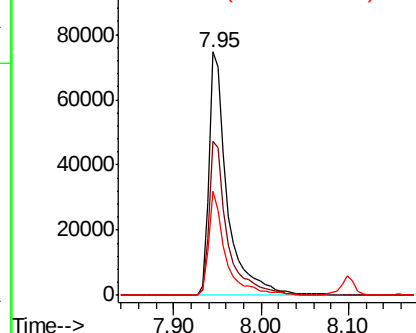
Tot Ion:	162	Resp:	108905
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.8	83.8
98	42.7	22.1	62.1

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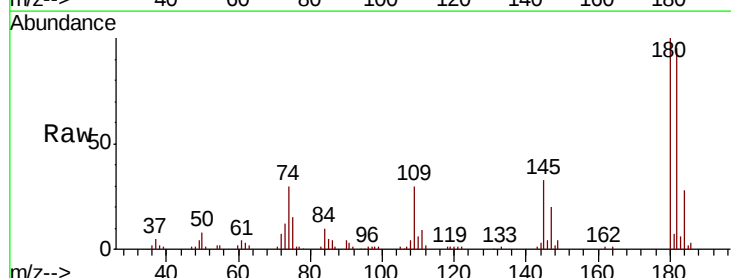


Abundance Ion 162.00 (161.70 to 162.70): E
 100000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

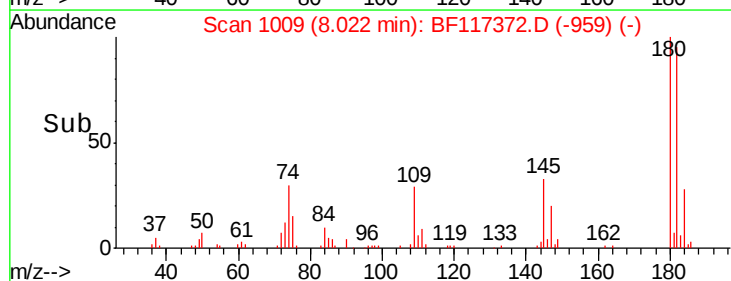
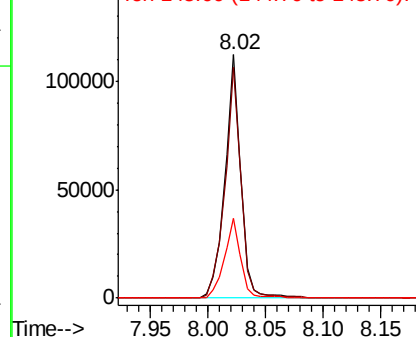


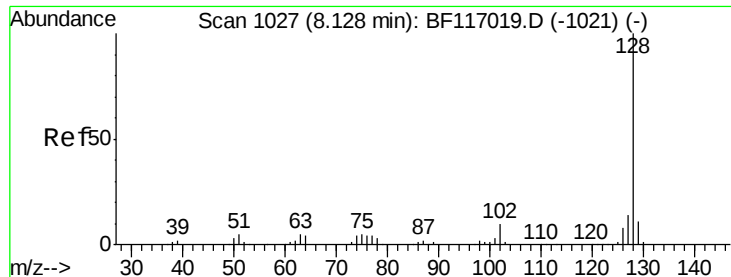
#30
 1,2,4-Trichlorobenzene
 Concen: 37.645 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion:	180	Resp:	107803
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.4	113.0
145	32.9	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 150000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





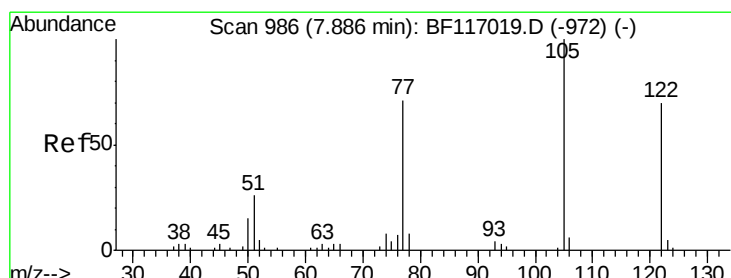
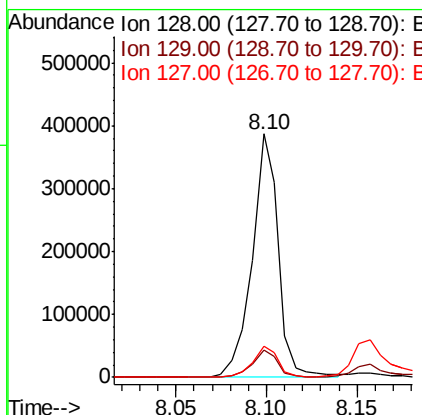
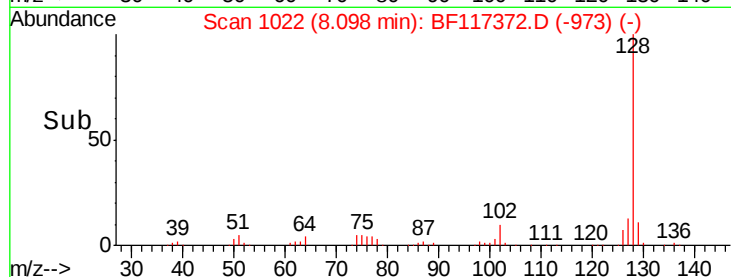
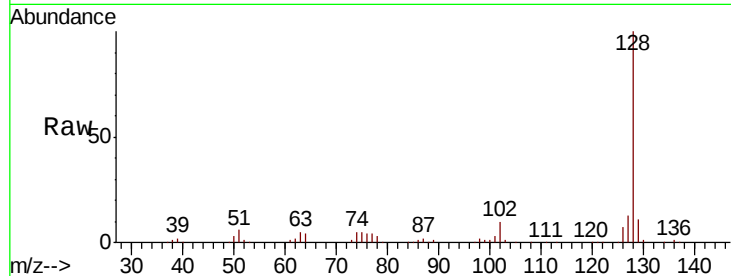
#31
Naphthalene
Concen: 40.654 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleID :
PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.4	
127	12.7	10.8	16.2	

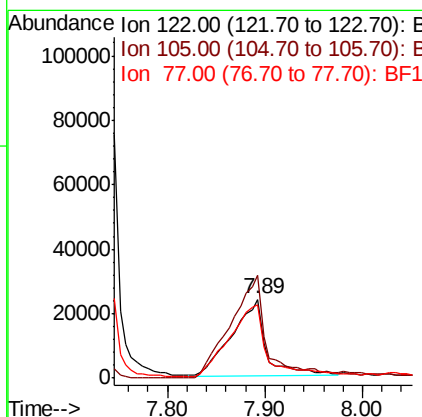
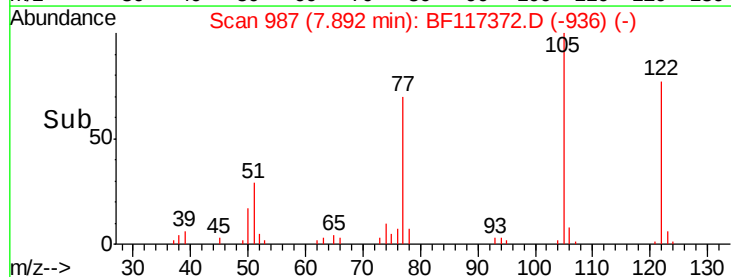
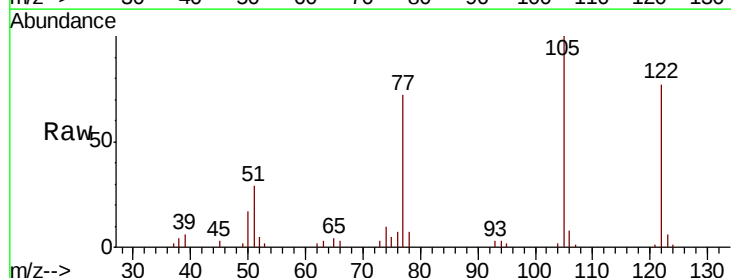
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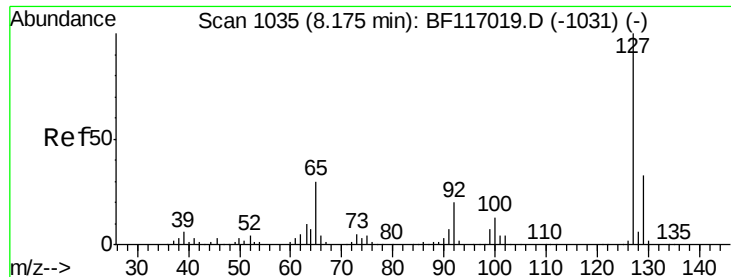
mohammad
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#32
Benzoic acid
Concen: 33.283 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.6	114.8	154.8	
77	93.5	78.7	118.7	





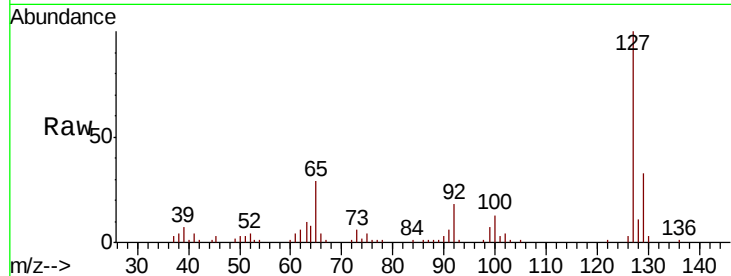
#33
4-Chloroaniline
Concen: 21.924 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

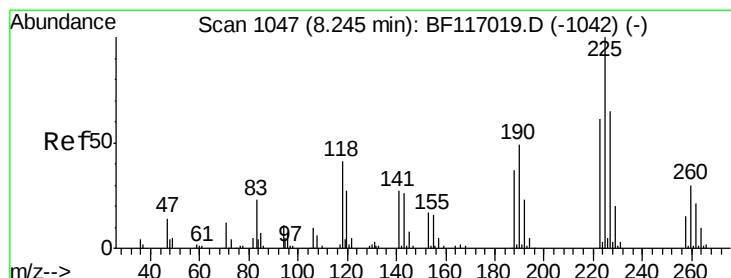
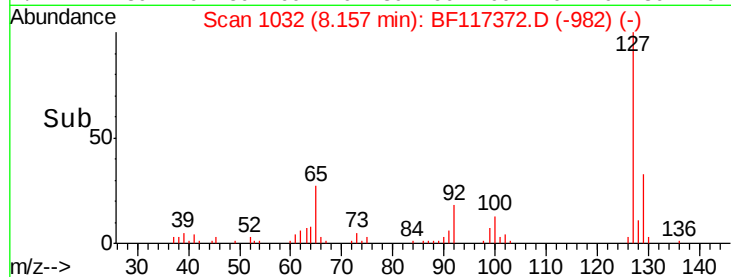
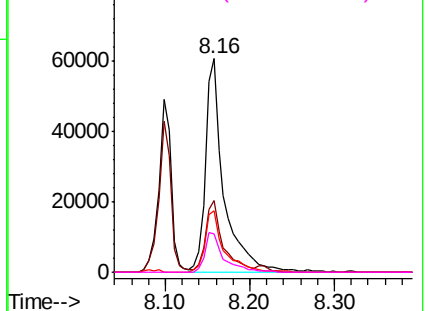
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.2
65	29.0	23.5	35.3
92	18.1	15.9	23.9

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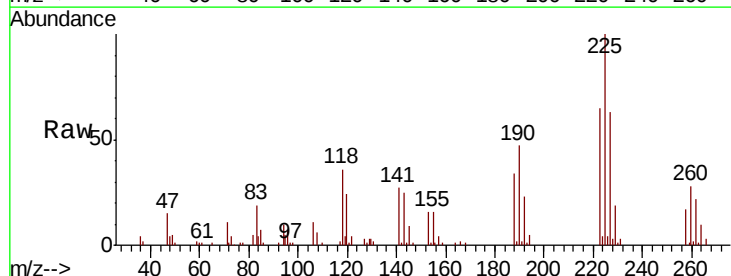


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

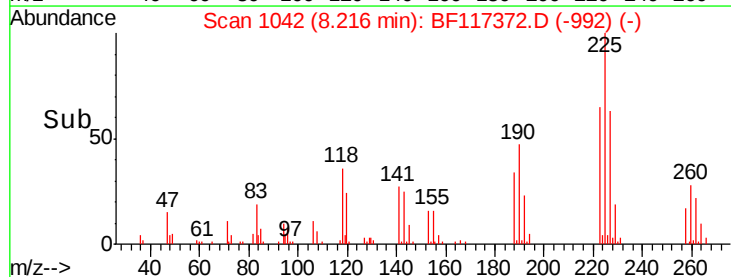
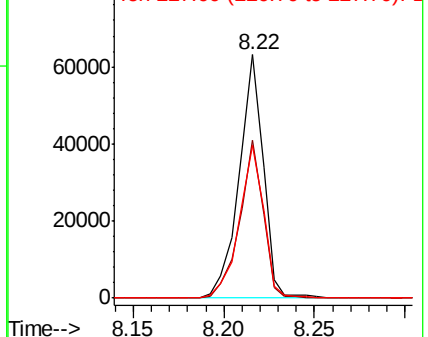


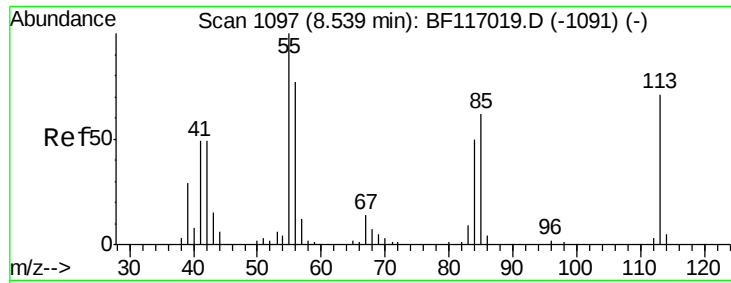
#34
Hexachlorobutadiene
Concen: 36.008 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.1	73.7
227	62.6	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





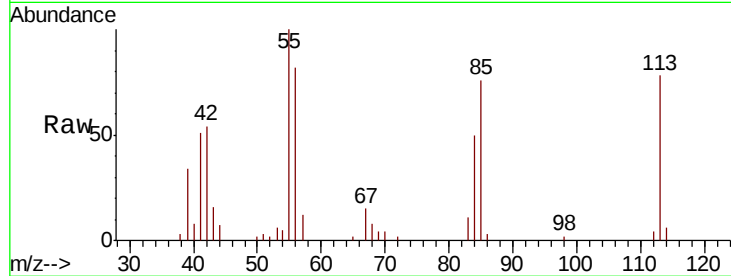
#35
Caprolactam
Concen: 40.463 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleID :
PB123863BS

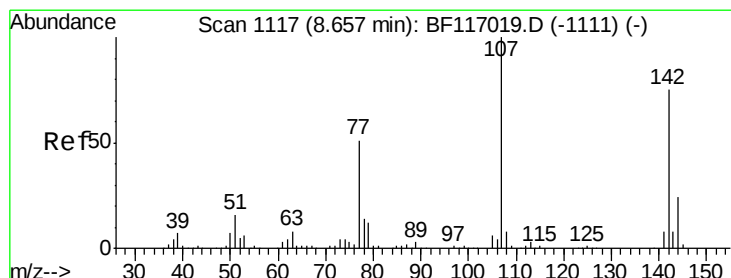
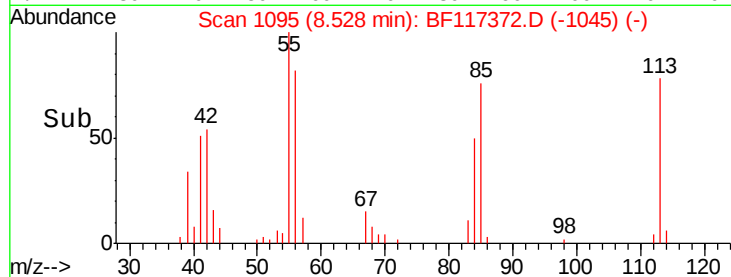
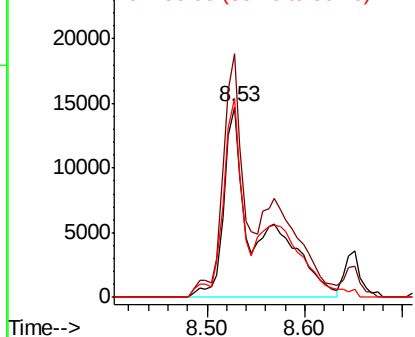
Tot Ion: 113 Resp: 36302
Ion Ratio Lower Upper
113 100
55 128.0 120.6 160.6
56 104.5 88.8 128.8

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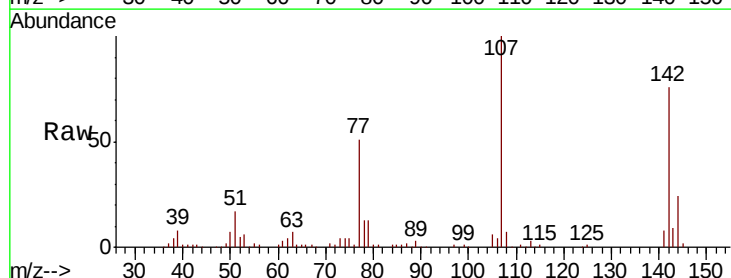


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

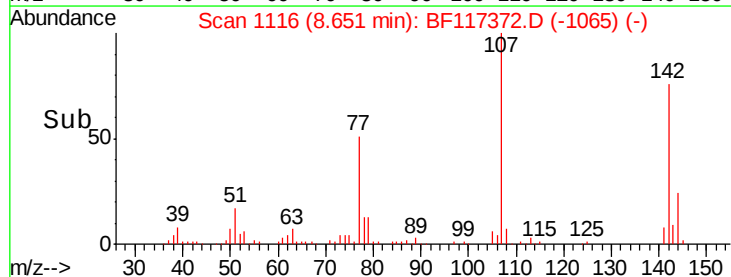
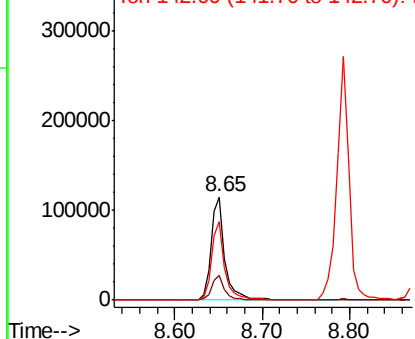


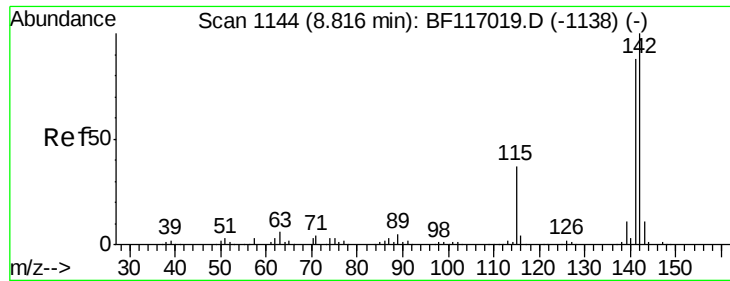
#36
4-Chloro-3-methylphenol
Concen: 40.668 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion: 107 Resp: 125690
Ion Ratio Lower Upper
107 100
144 24.3 19.2 28.8
142 76.0 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





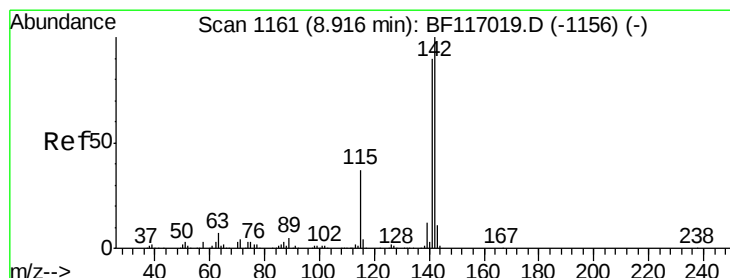
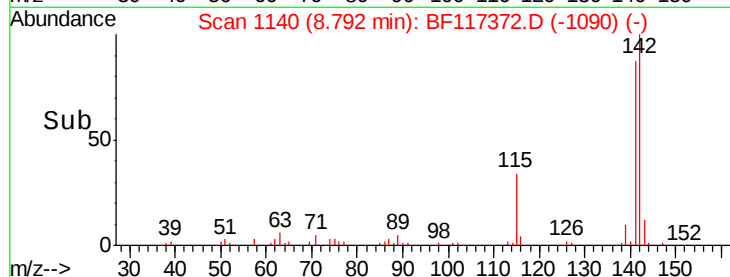
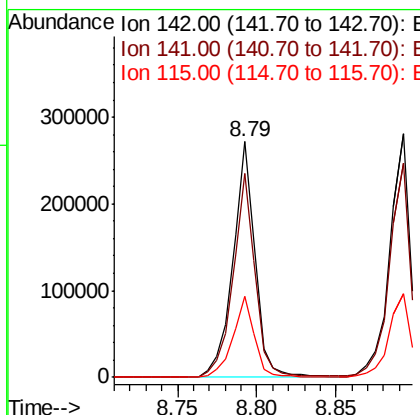
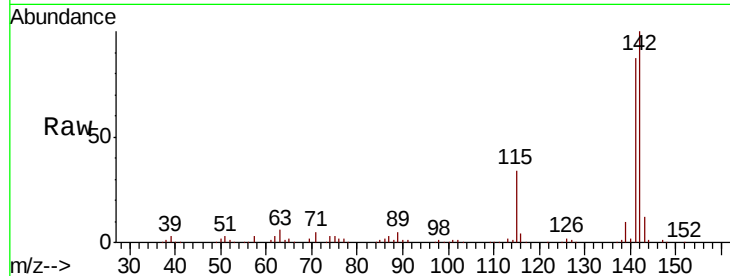
#37
2-Methylnaphthalene
Concen: 41.384 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.7	106.1
115	34.3	29.4	44.0

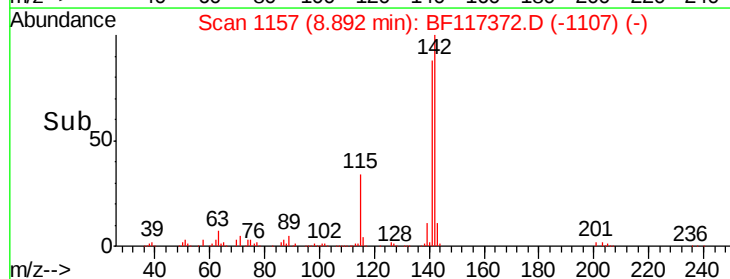
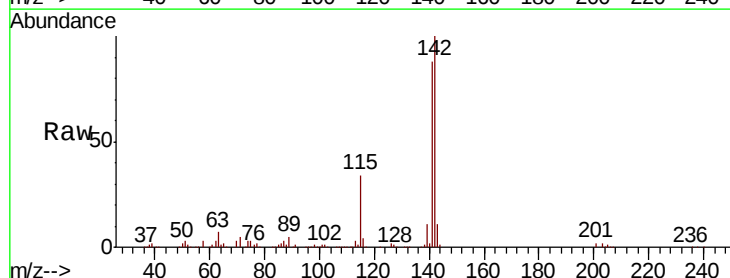
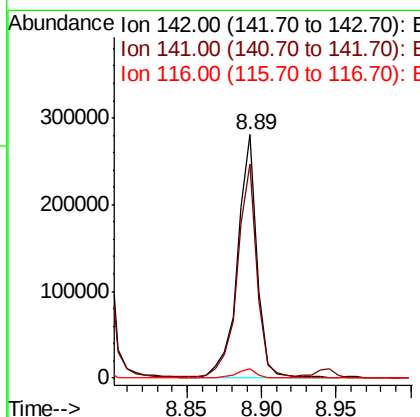
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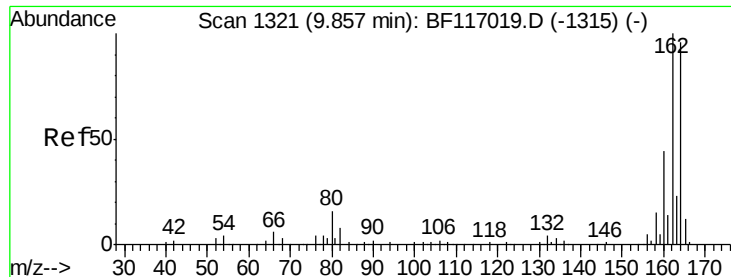
mohammad
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#38
1-Methylnaphthalene
Concen: 42.256 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.9	107.9
116	3.7	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

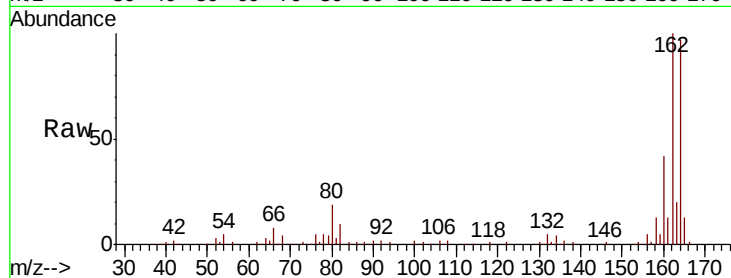
ClientSampleId :

PB123863BS

Tot Ion:	164	Resp:	103265
Ion Ratio	Lower	Upper	
164	100		
162	103.0	83.4	125.2
160	43.7	36.4	54.6

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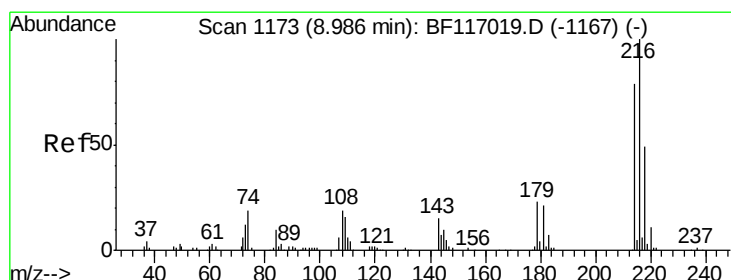
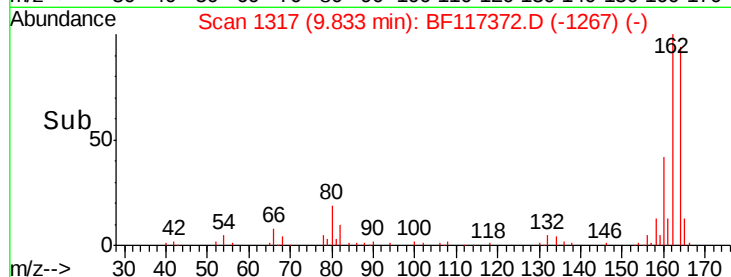
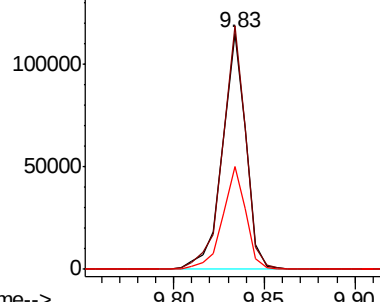


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.373 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	216	Resp:	99659
Ion Ratio	Lower	Upper	
216	100		
214	80.6	63.6	95.4
179	23.8	18.3	27.5
108	23.2	17.8	26.6

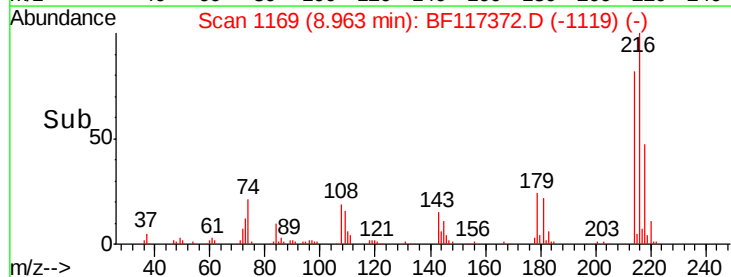
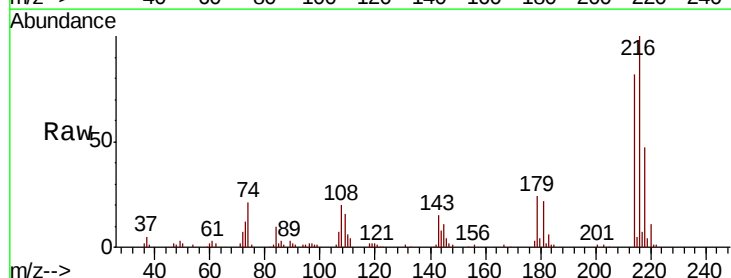
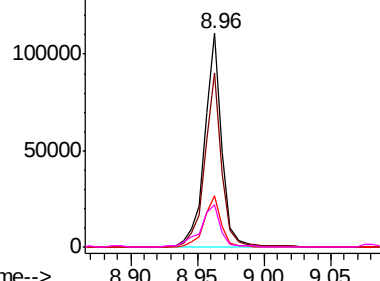
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 54.481 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

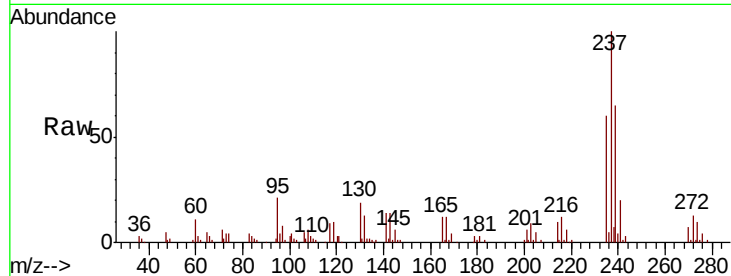
ClientSampleId :

PB123863BS

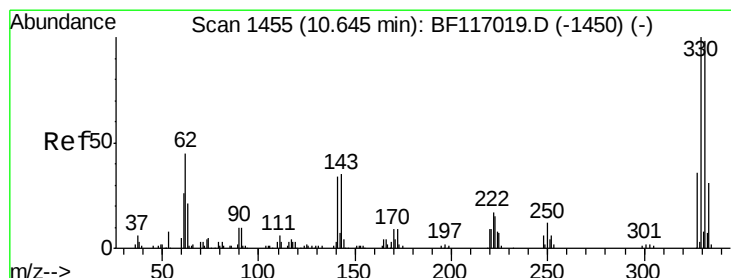
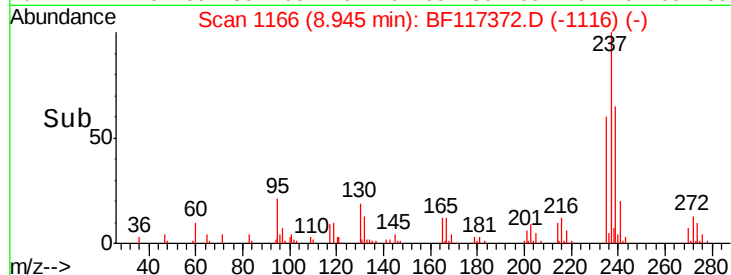
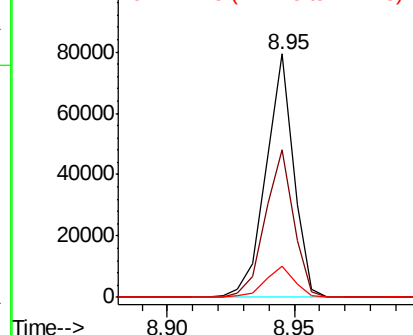
Tot Ion:	237	Resp:	60945
Ion Ratio	Lower	Upper	
237	100		
235	60.5	43.2	83.2
272	12.8	0.0	31.9

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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: 109.760 ng

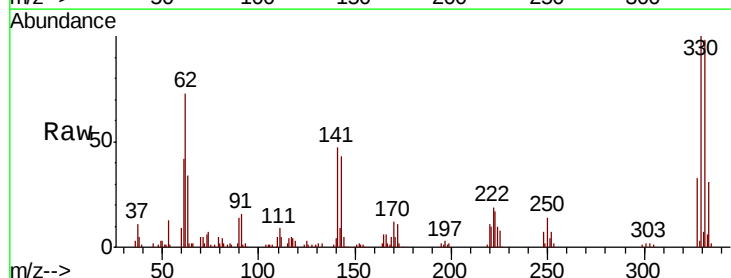
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

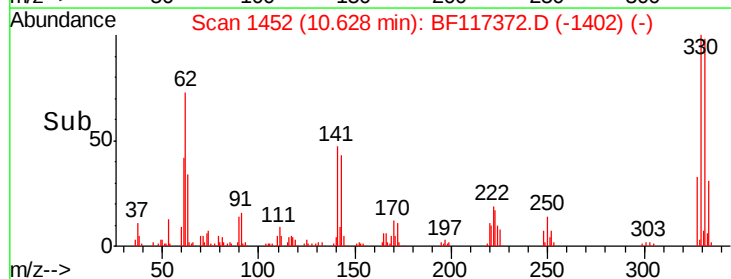
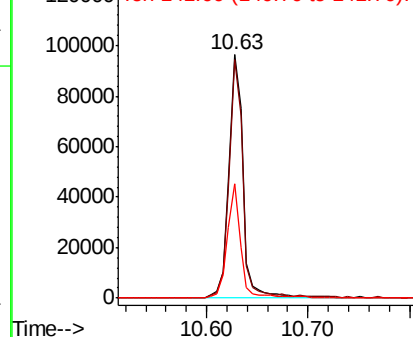
Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	330	Resp:	94729
Ion Ratio	Lower	Upper	
330	100		
332	94.9	78.0	117.0
141	43.4	35.8	53.6



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





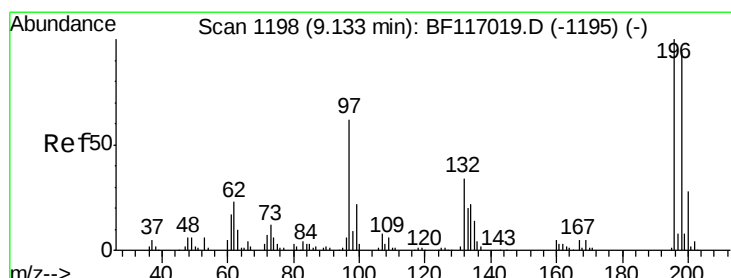
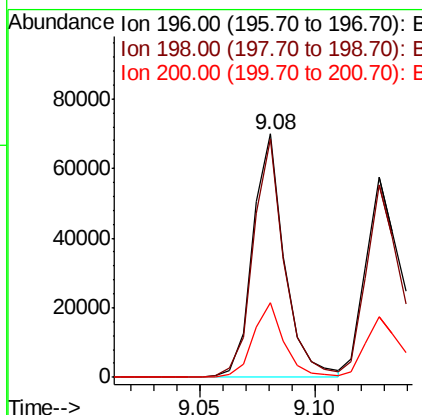
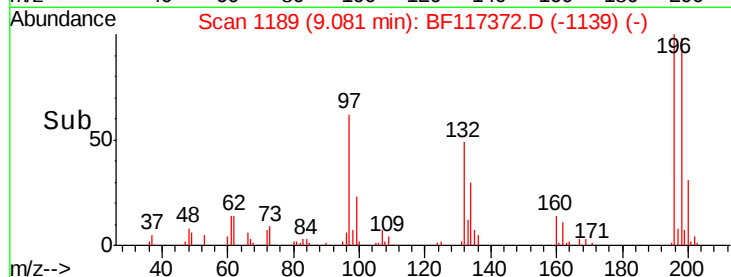
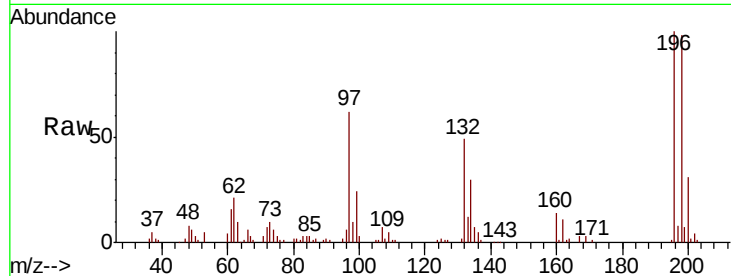
#43
 2,4,6-Trichlorophenol
 Concen: 37.238 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleID :
 PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67386		
198	97.9	75.7	113.5	
200	30.9	23.3	34.9	

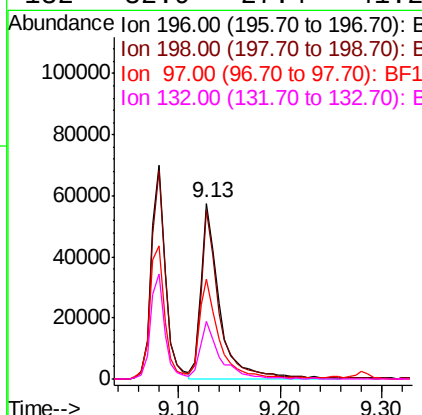
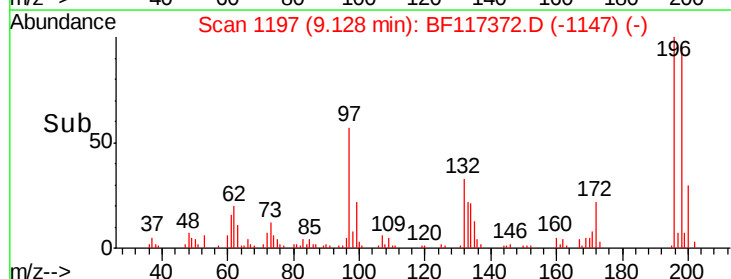
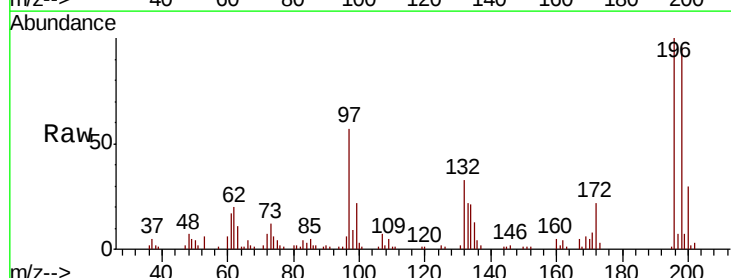
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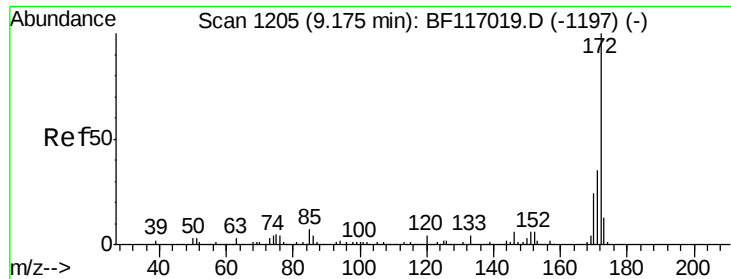
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#44
 2,4,5-Trichlorophenol
 Concen: 38.340 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	74128		
198	96.1	74.6	112.0	
97	56.9	49.5	74.3	
132	32.9	27.4	41.2	





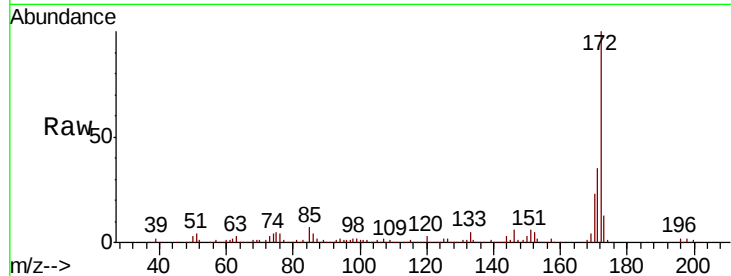
#45
2-Fluorobiphenyl
Concen: 62.684 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	28.2	42.2	
170	23.3	18.9	28.3	

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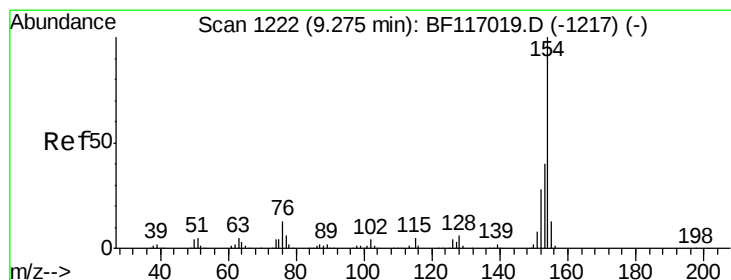
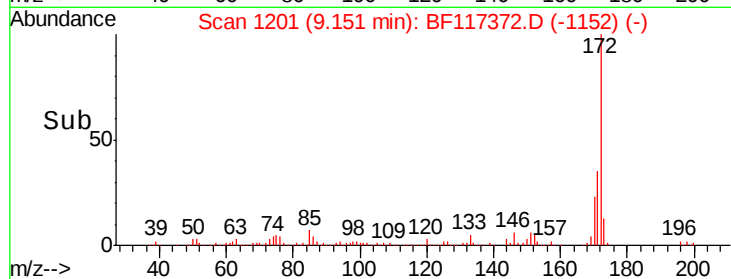
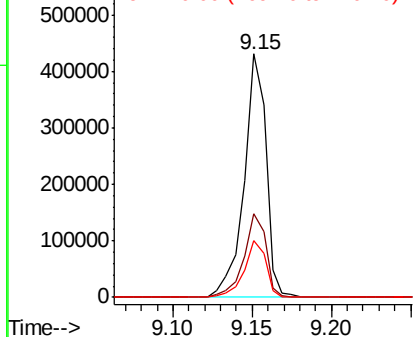


Abundance

Ion 172.00 (171.70 to 172.70): E

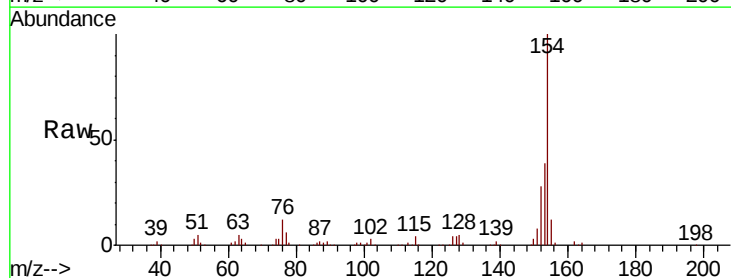
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.318 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	20.0	60.0	
76	11.7	0.0	32.7	

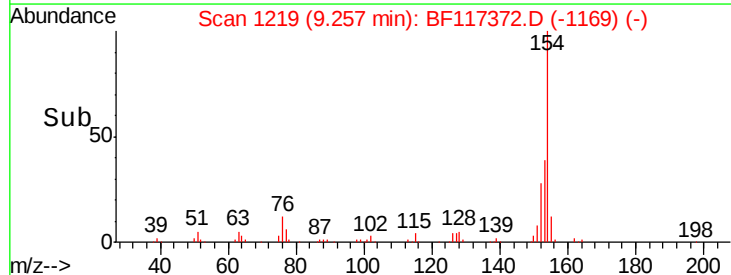
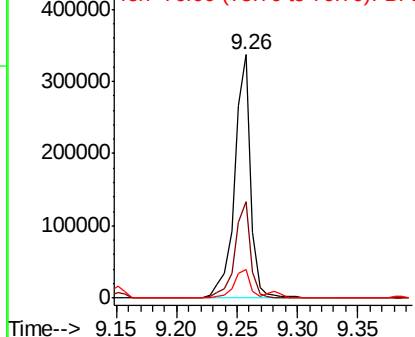


Abundance

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





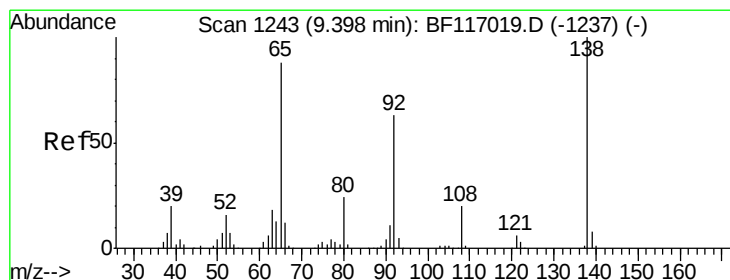
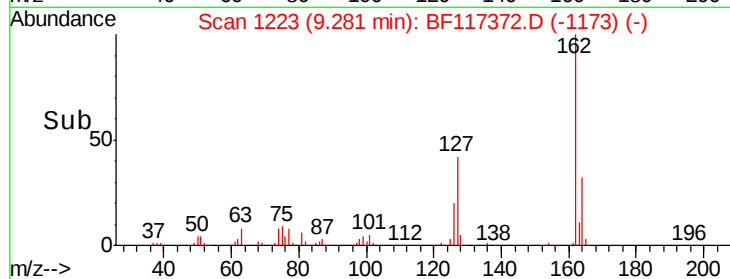
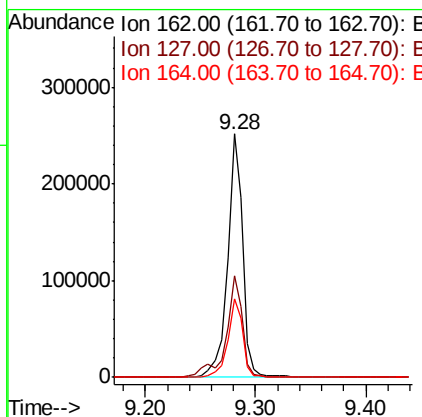
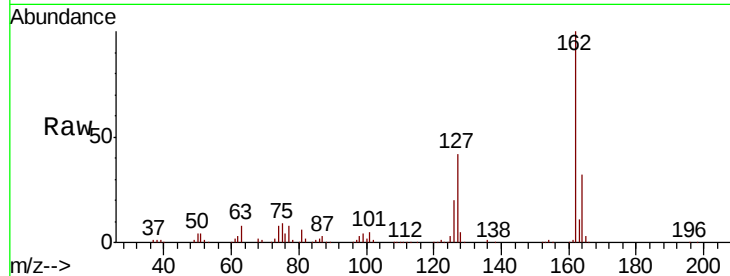
#47
2-Chloronaphthalene
Concen: 37.710 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	241070		
127	41.8	34.1	51.1	
164	32.4	25.9	38.9	

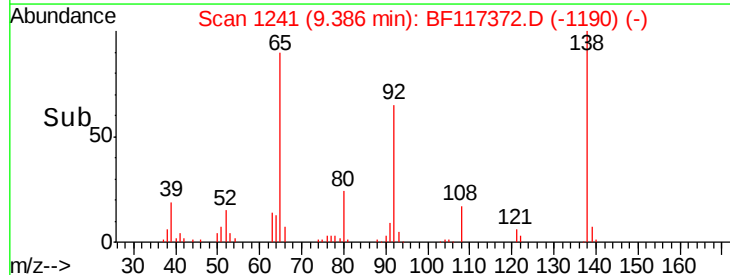
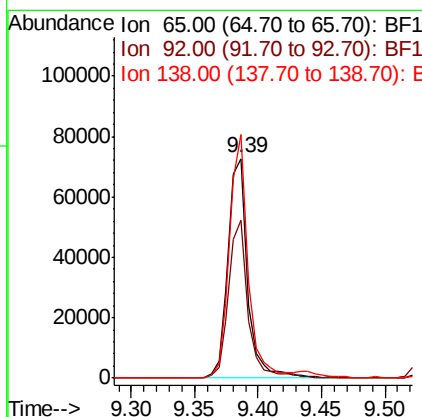
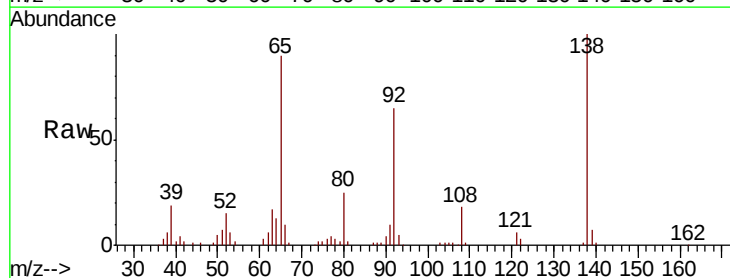
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#48
2-Nitroaniline
Concen: 38.457 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	78854		
92	71.9	57.5	86.3	
138	111.0	90.6	136.0	





#49

Acenaphthylene

Concen: 39.489 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

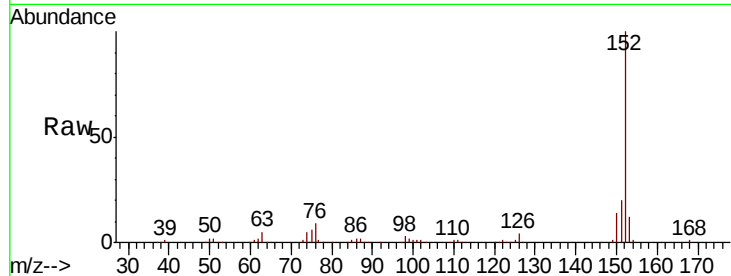
ClientSampleId :

PB123863BS

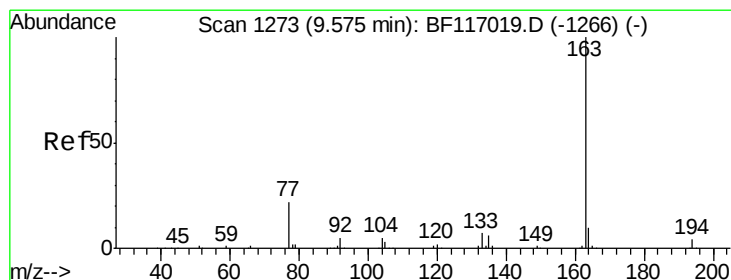
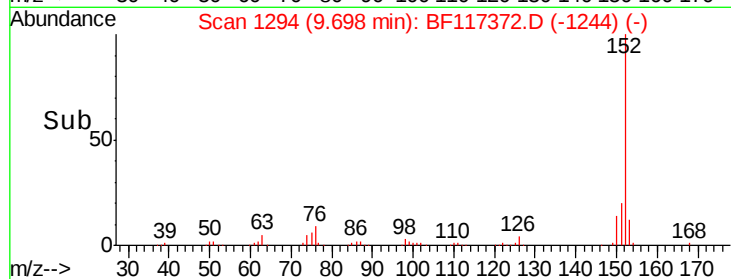
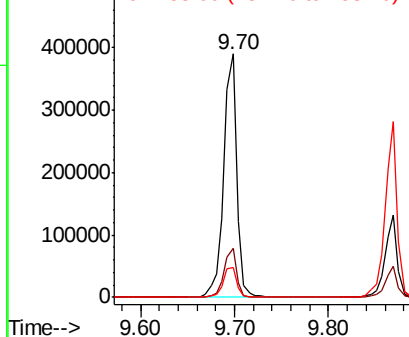
Tot Ion:	152	Resp:	378176
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	12.5	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.680 ng

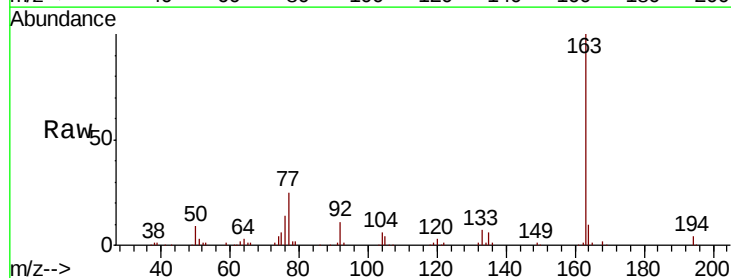
RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

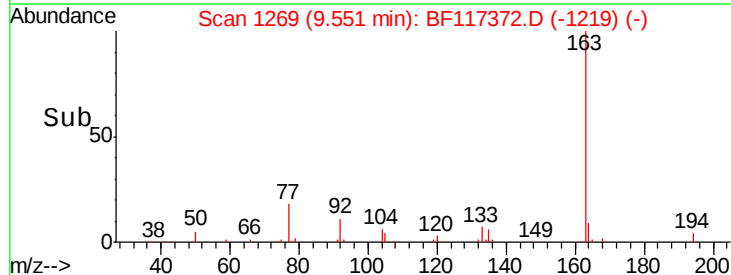
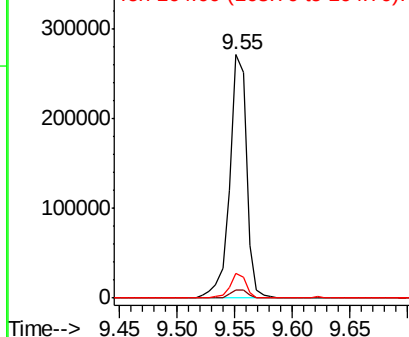
Lab File: BF117372.D

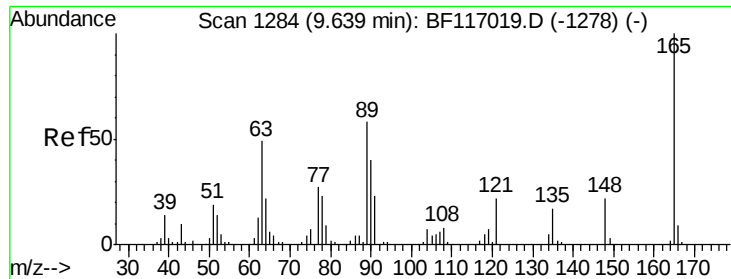
Acq: 12 Oct 2019 16:51

Tgt Ion:	163	Resp:	275506
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.9	4.3
164	10.2	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





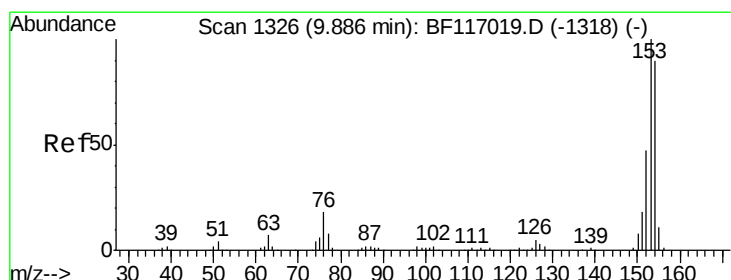
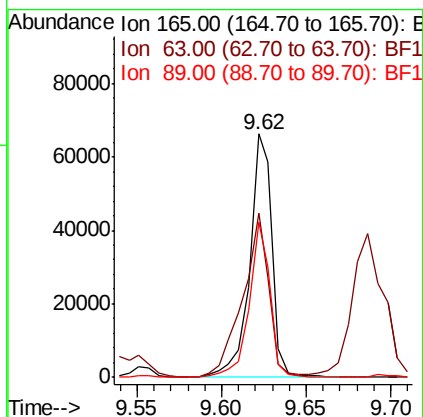
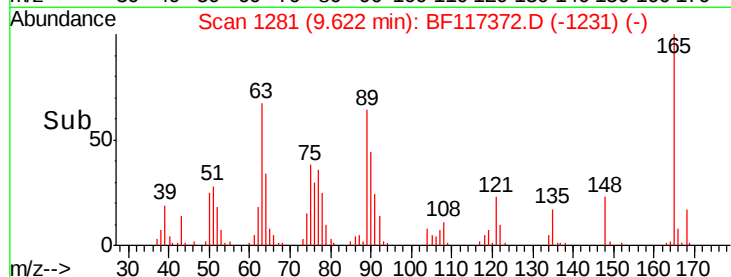
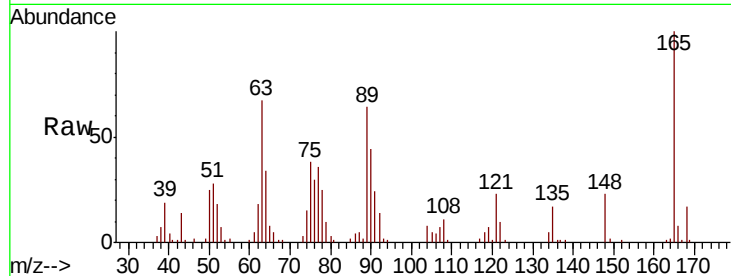
#51
2,6-Dinitrotoluene
Concen: 41.088 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.2	41.8	62.8#
89	63.6	46.5	69.7

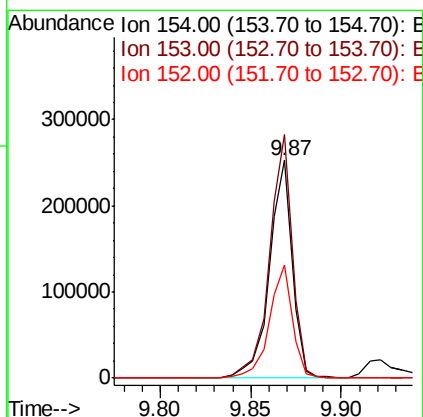
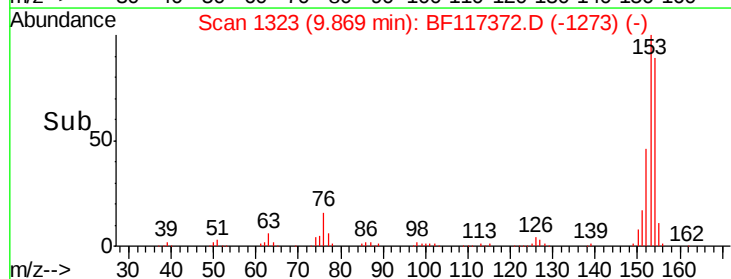
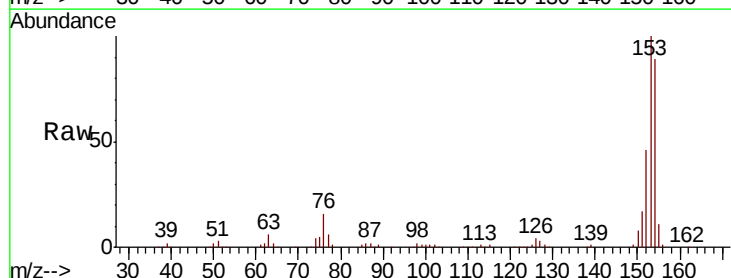
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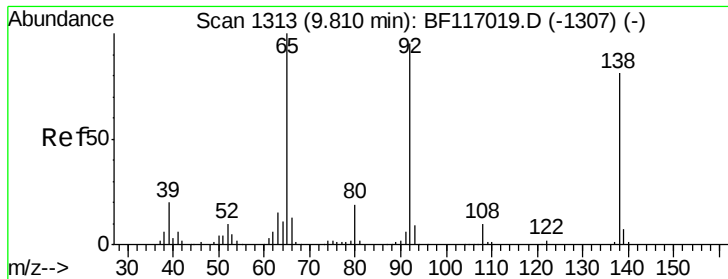
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#52
Acenaphthene
Concen: 39.136 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.0	133.6
152	51.9	41.9	62.9





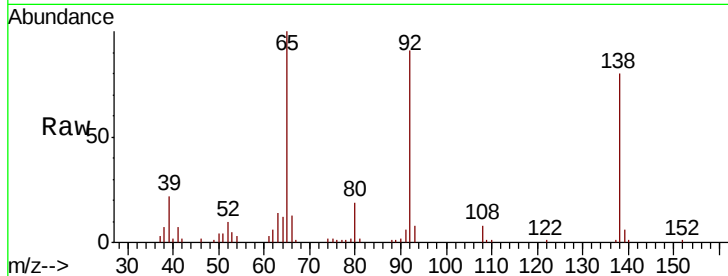
#53
3-Nitroaniline
Concen: 25.649 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

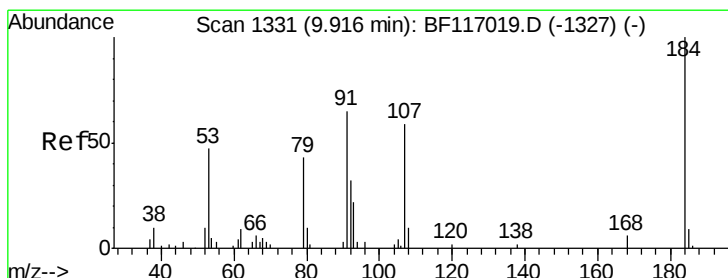
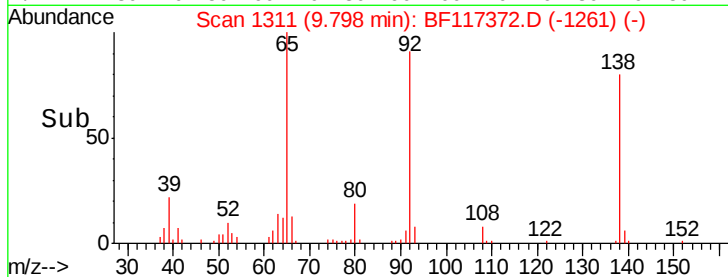
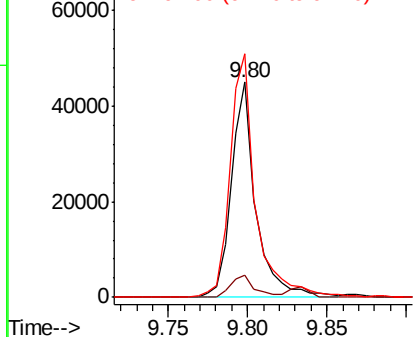
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.5	14.3
92	113.2	94.1	141.1

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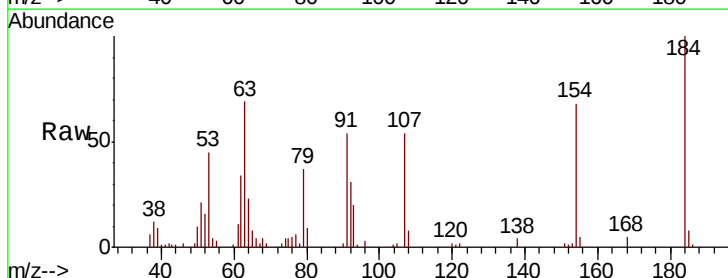


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

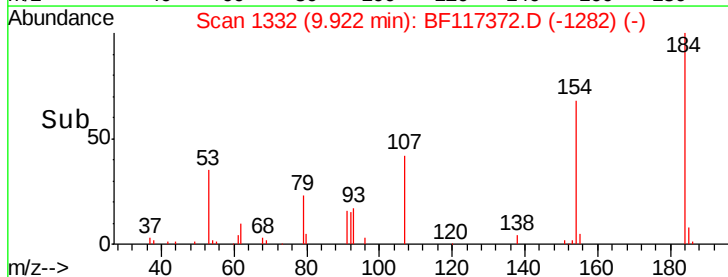
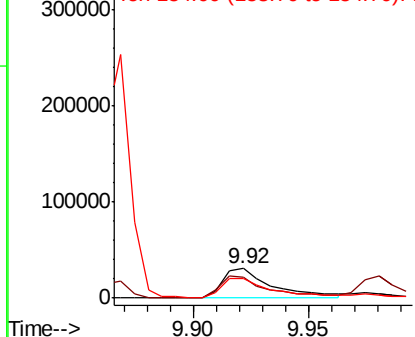


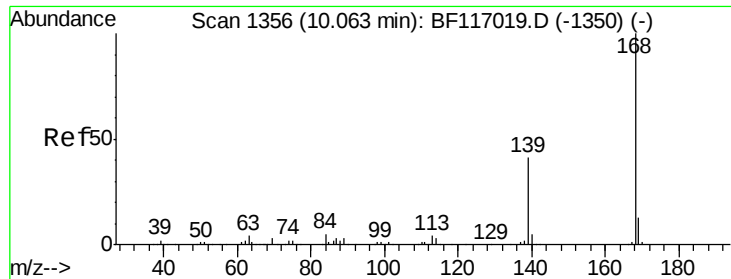
#54
2,4-Dinitrophenol
Concen: 72.033 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.2	63.8	95.6
154	67.6	60.4	90.6



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





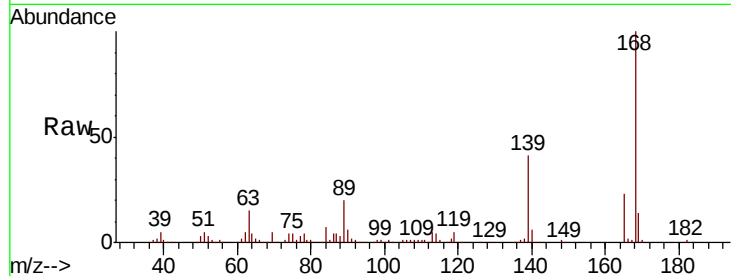
#55
Dibenzenofuran
Concen: 39.738 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.8	49.2
169	13.8	10.5	15.7

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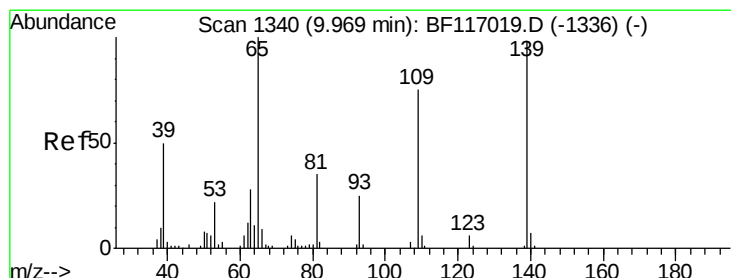
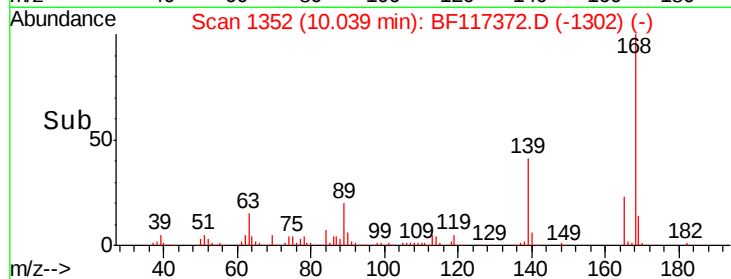
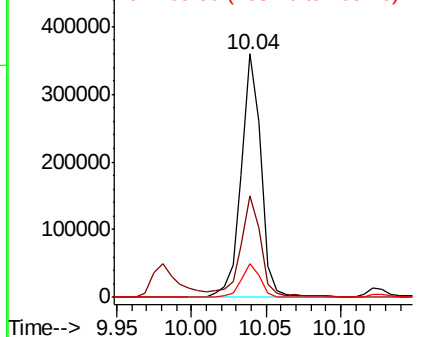


Abundance

Ion 168.00 (167.70 to 168.70): E

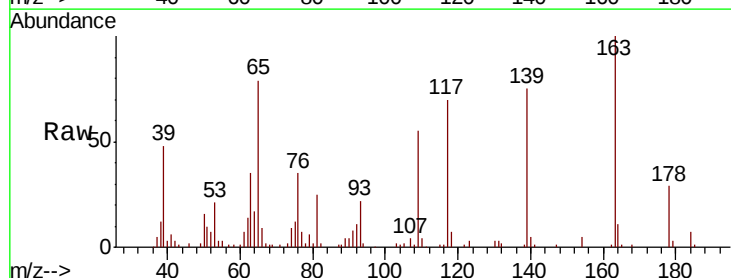
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 51.402 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.1	56.4	96.4
65	105.1	82.5	122.5

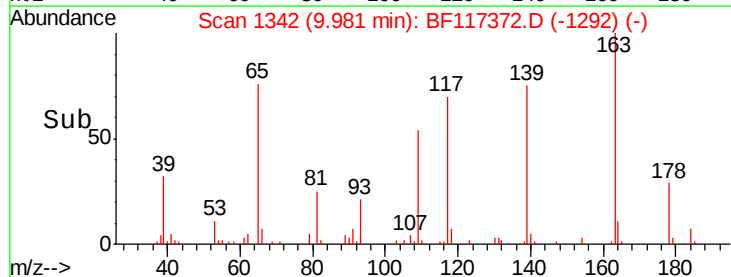
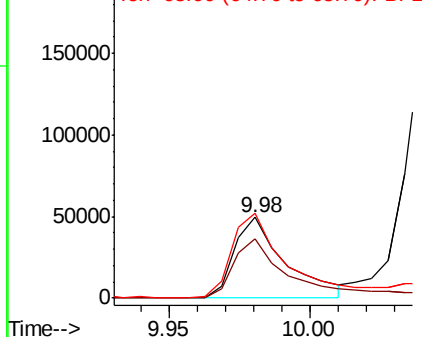


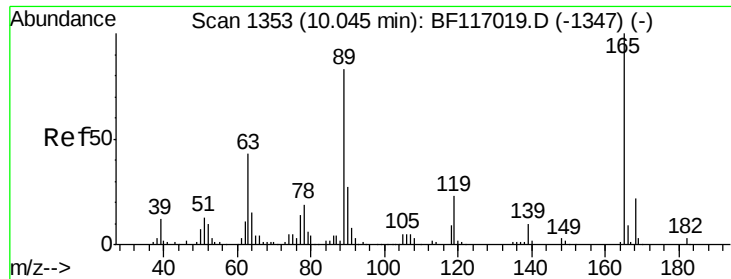
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





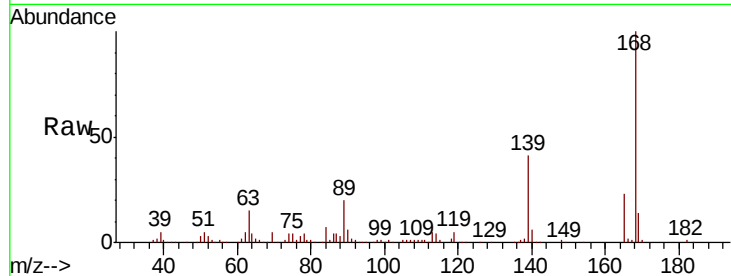
#57
2,4-Dinitrotoluene
Concen: 42.174 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.3	35.0	52.4
89	88.4	66.1	99.1
182	2.4	2.0	3.0

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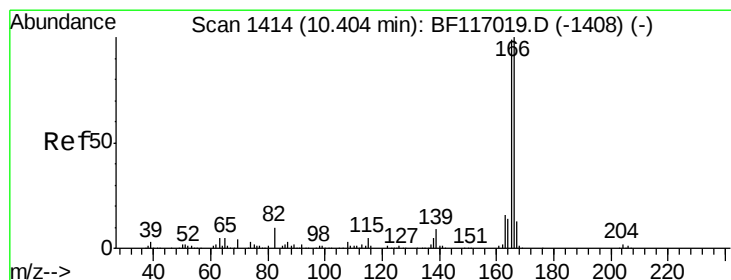
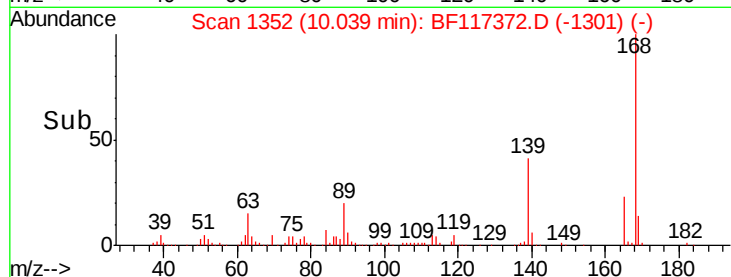
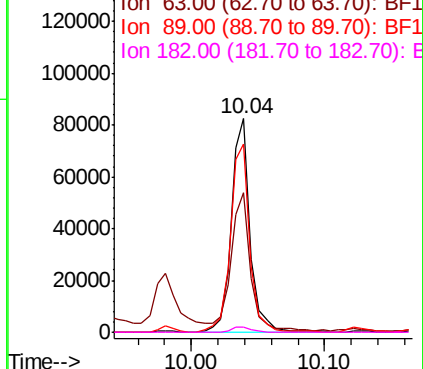
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.992 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

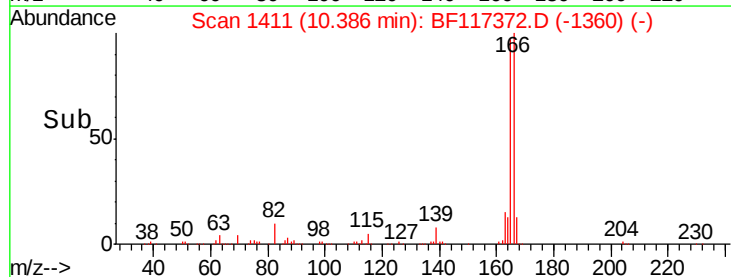
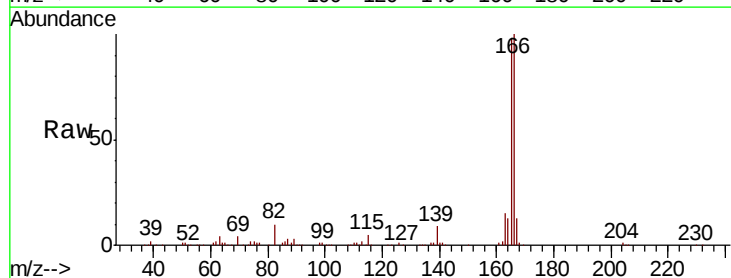
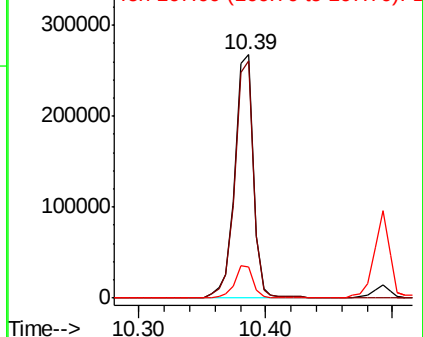
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.9	118.3
167	12.9	10.6	15.8

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





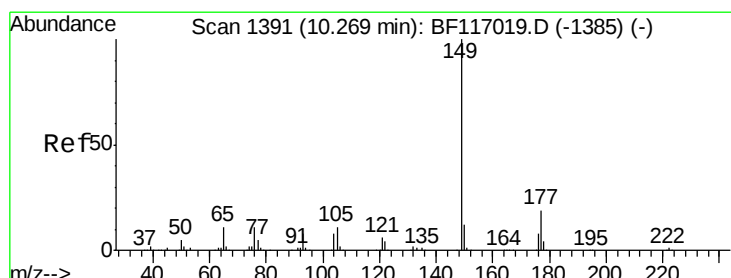
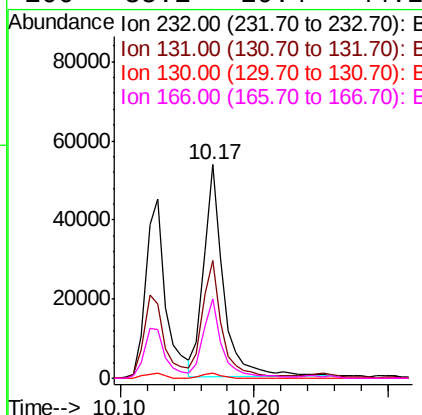
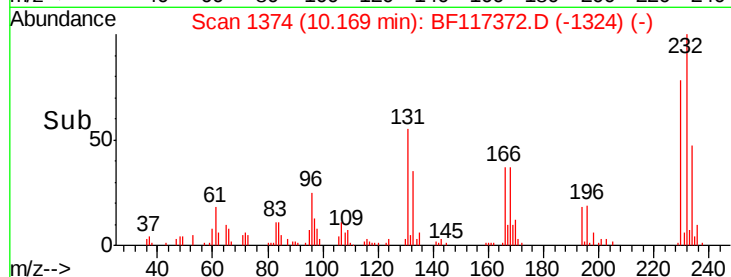
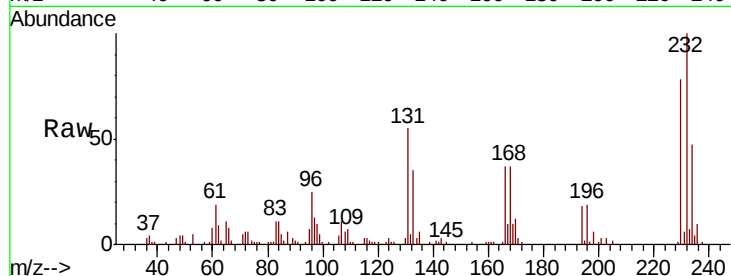
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.041 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123863BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.7	45.3	67.9
130	2.6	1.8	2.8
166	35.1	29.4	44.2

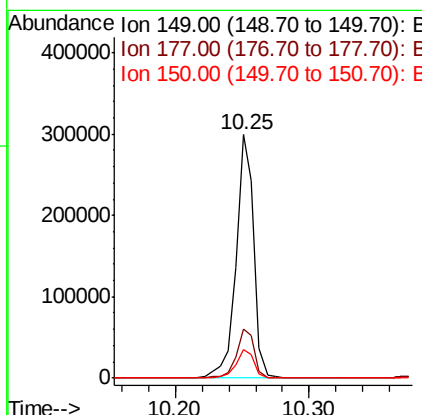
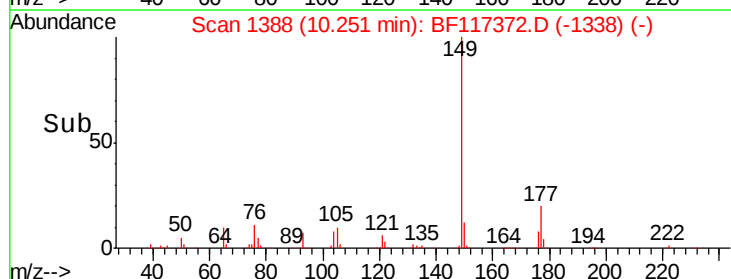
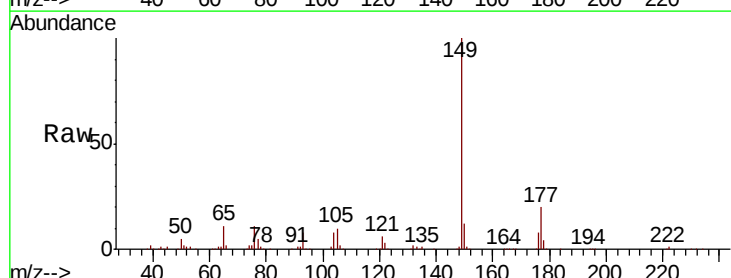
Manual Integrations
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#60
 Diethylphthalate
 Concen: 38.435 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.2	22.8
150	12.0	9.9	14.9





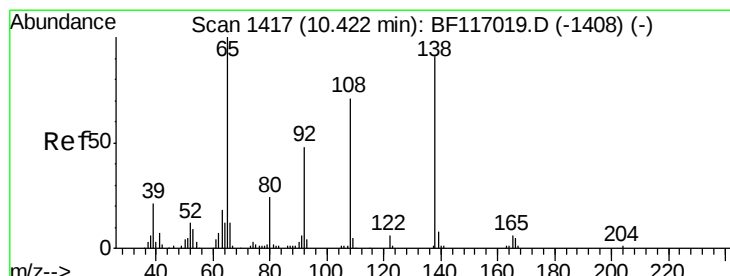
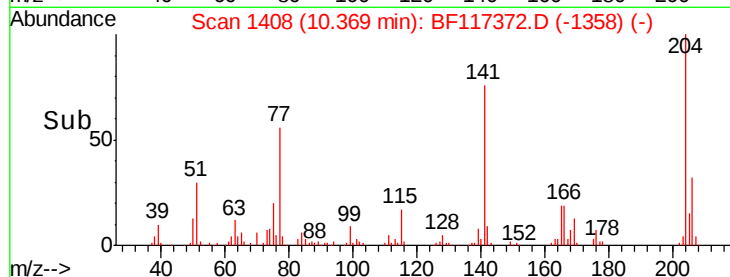
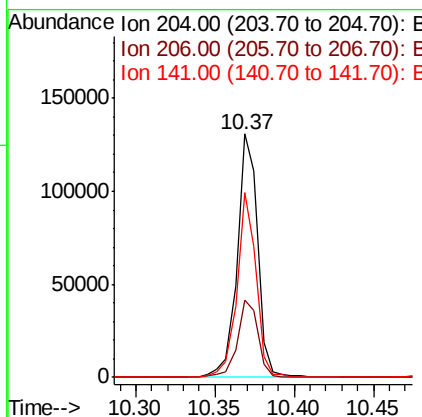
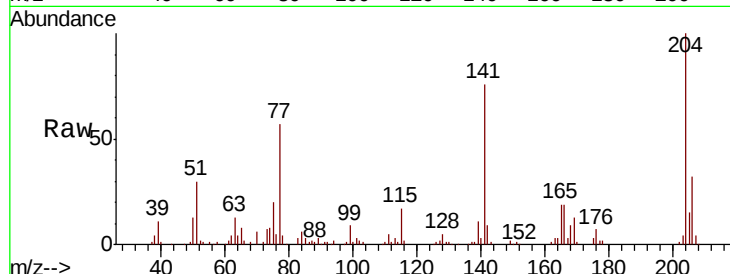
#61
4-Chlorophenyl-phenylether
Concen: 40.270 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.0	39.0
141	76.0	58.2	87.2

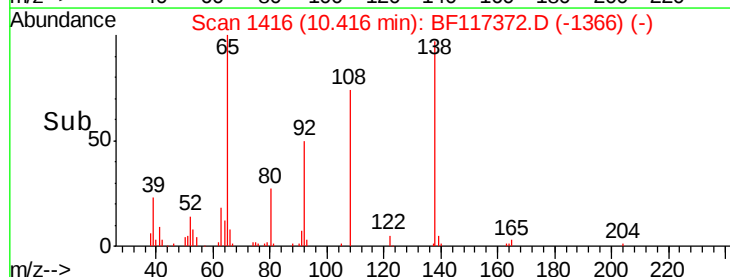
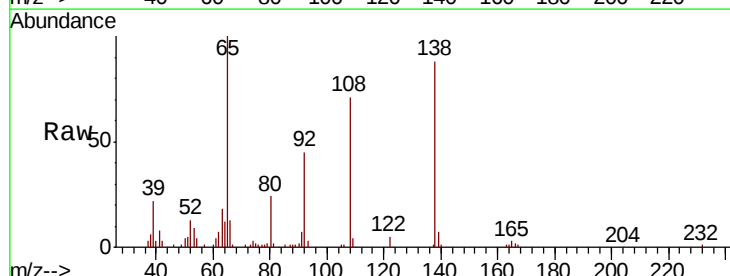
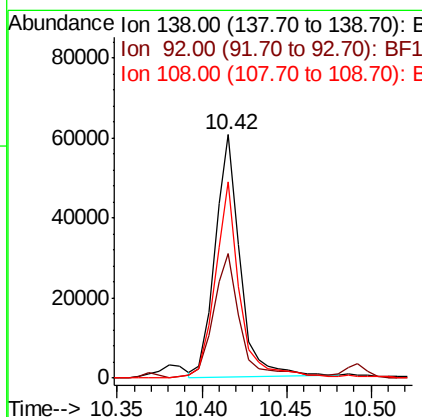
Manual Integrations
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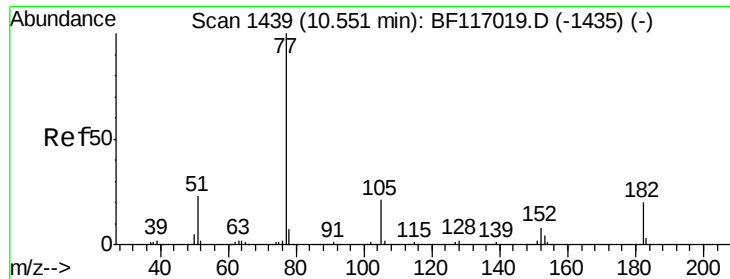
mohammad
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#62
4-Nitroaniline
Concen: 31.918 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	32.9	72.9
108	80.4	58.3	98.3





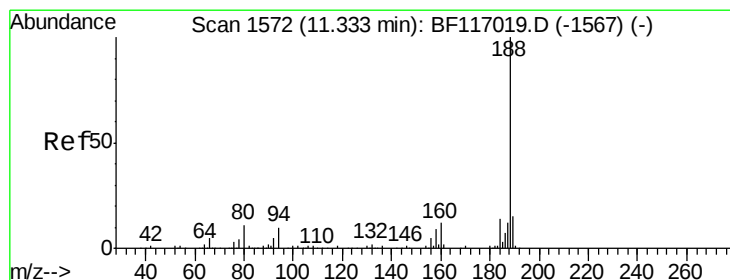
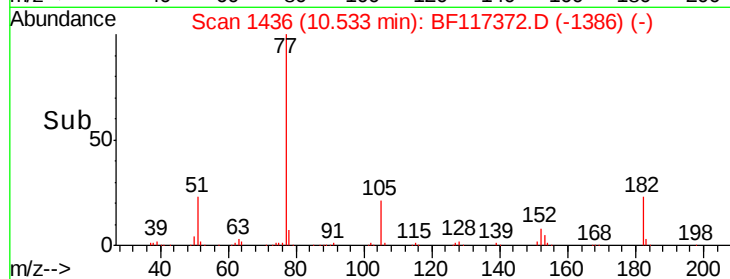
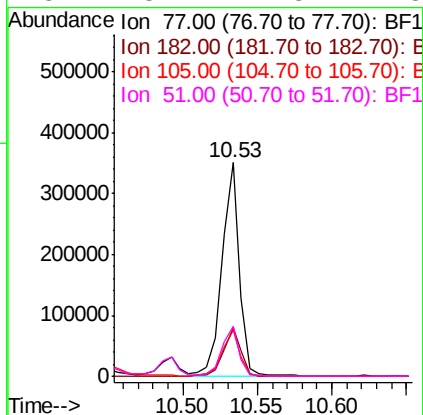
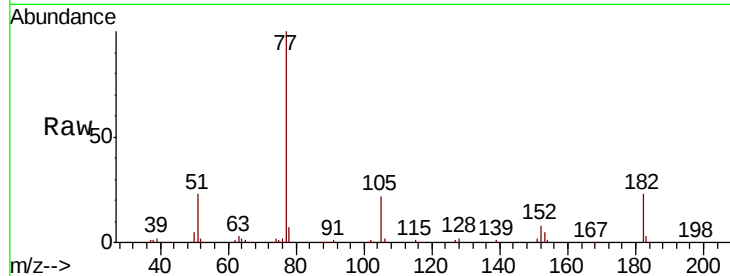
#63
Azobenzene
Concen: 39.379 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.7	0.4	40.4	
105	21.5	0.9	40.9	
51	23.4	2.8	42.8	

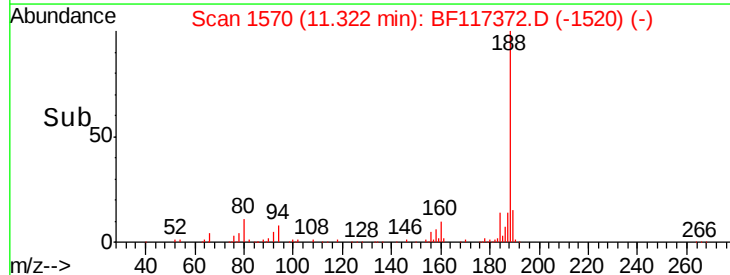
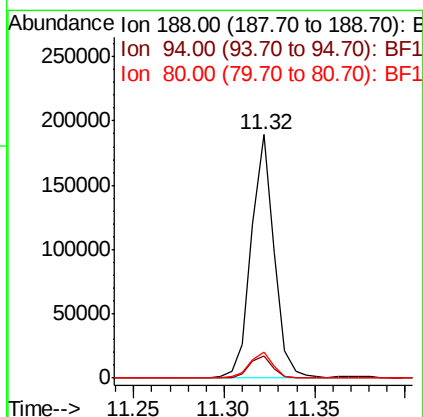
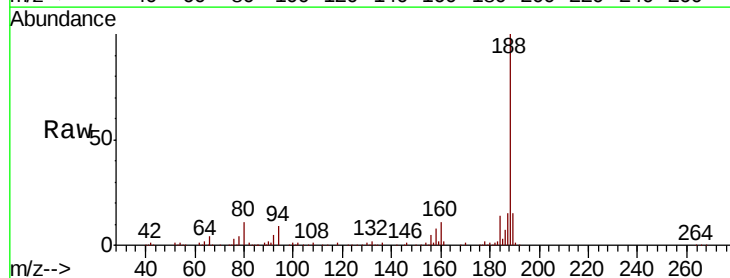
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	8.2	12.2	
80	10.8	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 47.431 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

ClientSampled :

PB123863BS

Tot Ion:198 Resp: 35970

Ion Ratio Lower Upper

198 100

51 52.4 18.7 58.7

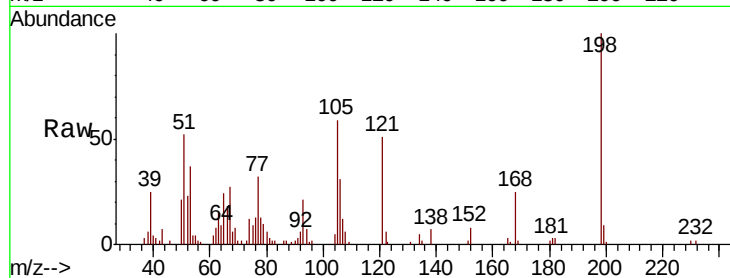
105 59.2 30.2 70.2

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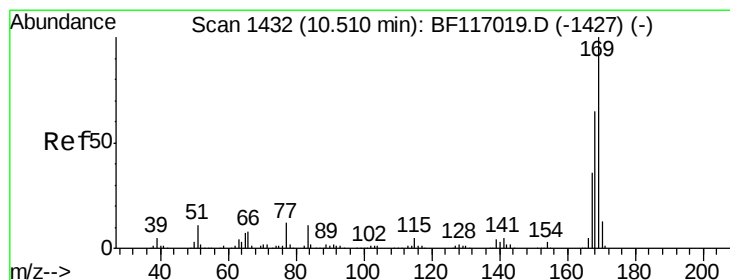
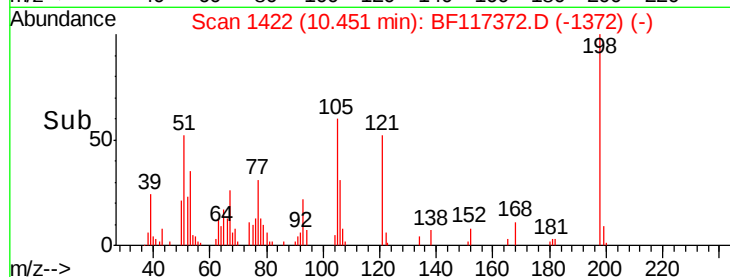
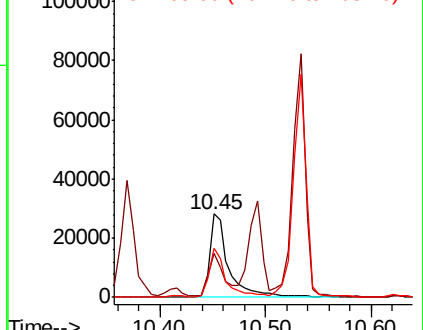
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.142 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

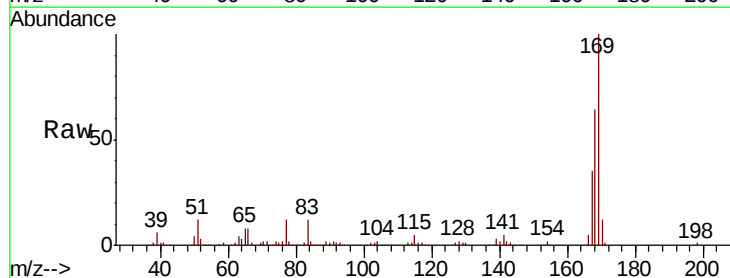
Tgt Ion:169 Resp: 236962

Ion Ratio Lower Upper

169 100

168 64.0 52.2 78.2

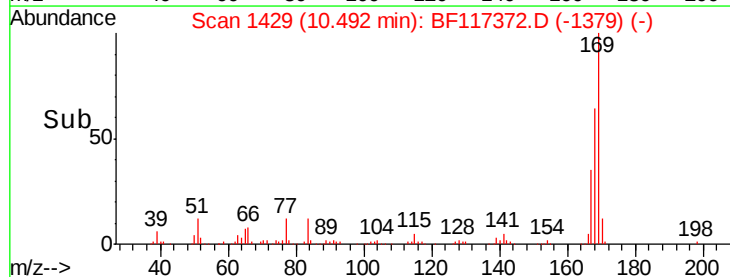
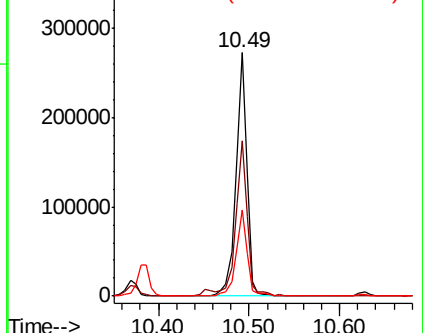
167 35.5 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





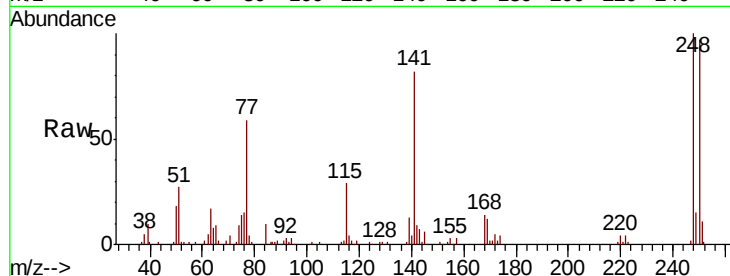
#67
 4-Bromophenyl-phenylether
 Concen: 38.193 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleID :
 PB123863BS

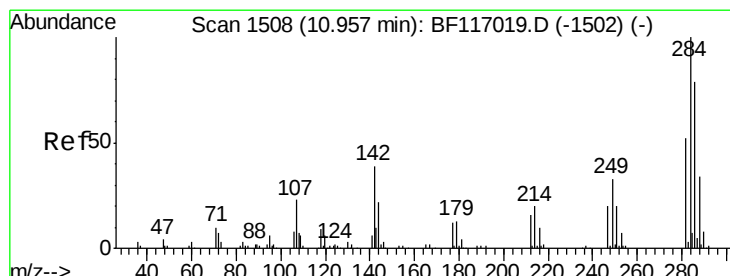
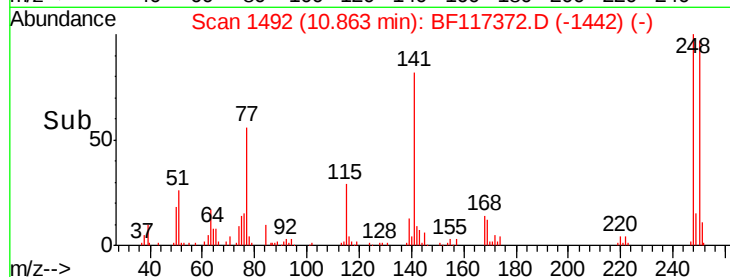
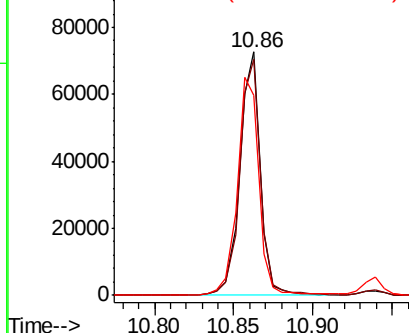
Tot Ion:	248	Resp:	65048
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.2	114.4
141	82.4	75.0	112.4

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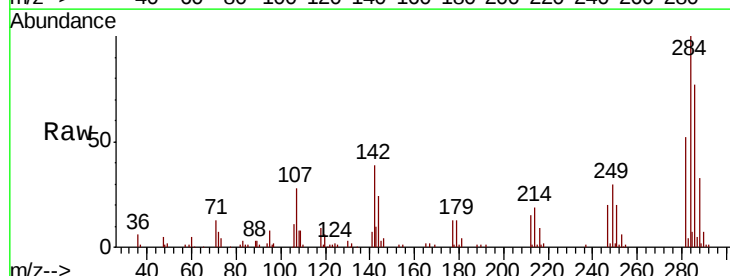


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

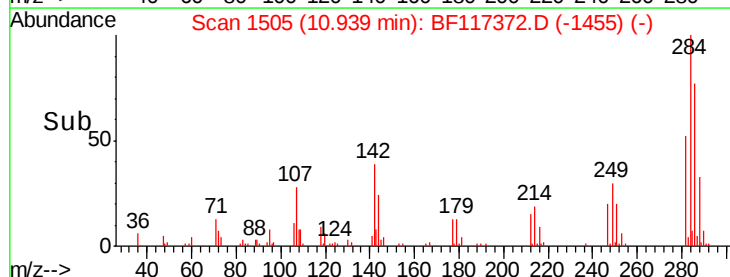
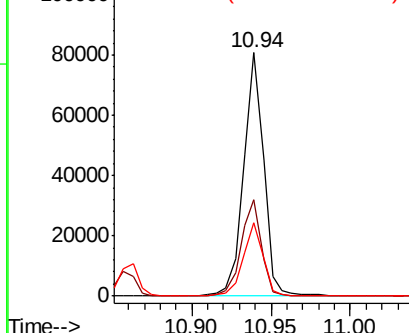


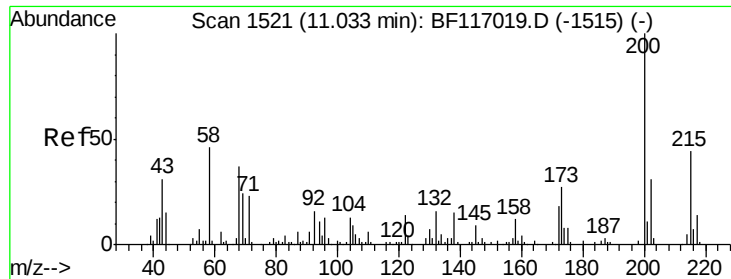
#68
 Hexachlorobenzene
 Concen: 37.928 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion:	284	Resp:	70654
Ion Ratio	Lower	Upper	
284	100		
142	39.5	31.4	47.2
249	30.3	26.5	39.7



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





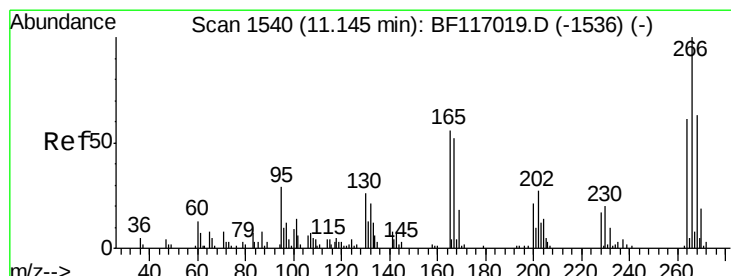
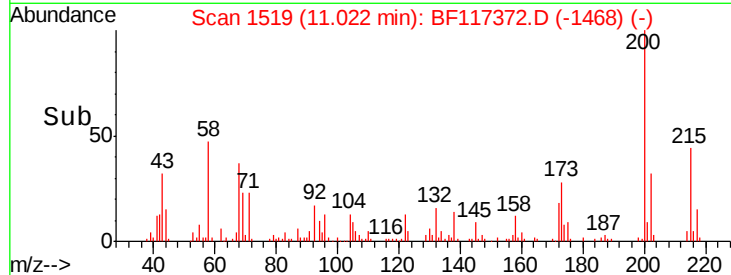
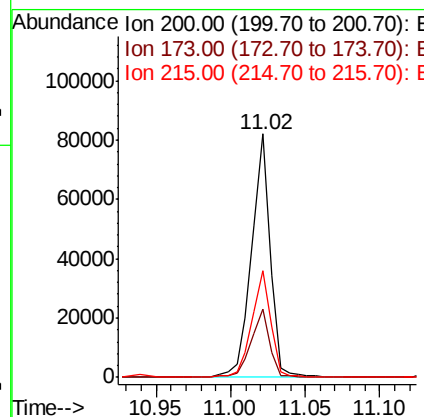
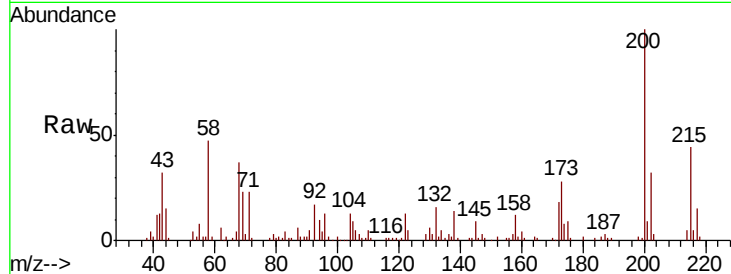
#69
 Atrazine
 Concen: 51.723 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleID :
 PB123863BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.9	46.9
215	43.9	23.8	63.8

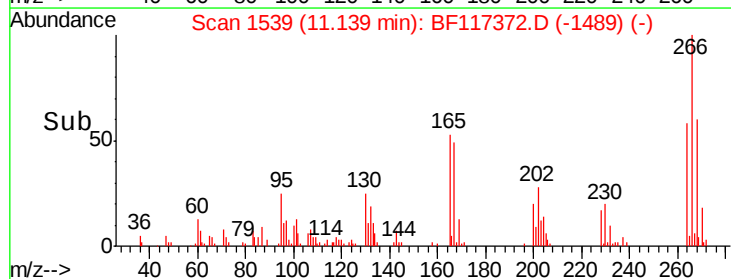
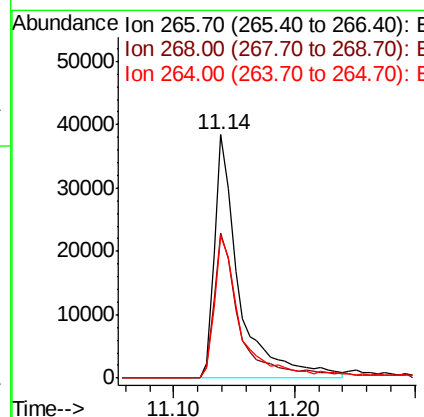
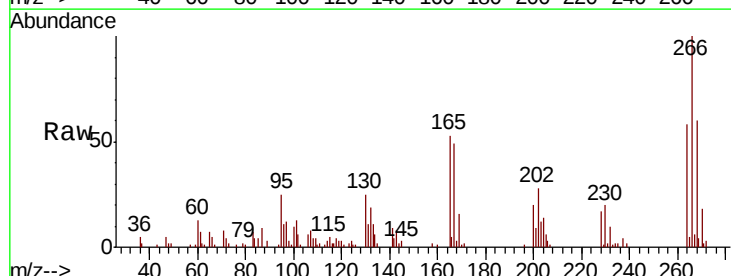
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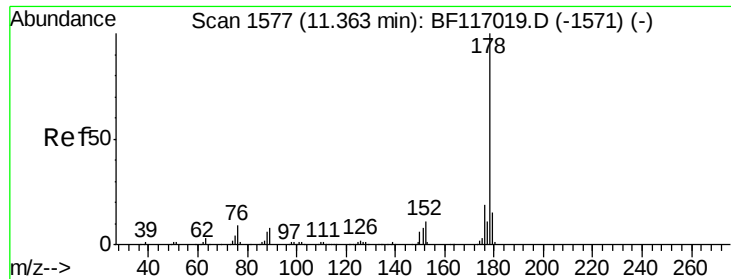
mohammad
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#70
 Pentachlorophenol
 Concen: 62.247 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.7	50.5	75.7
264	58.4	48.8	73.2





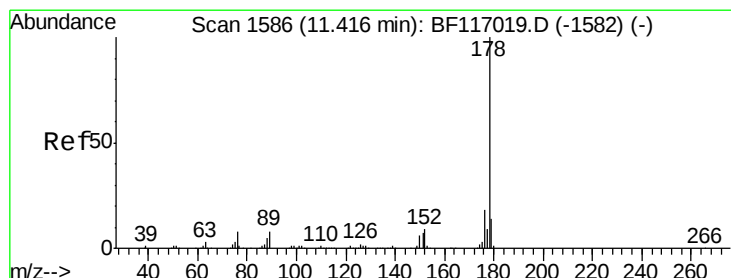
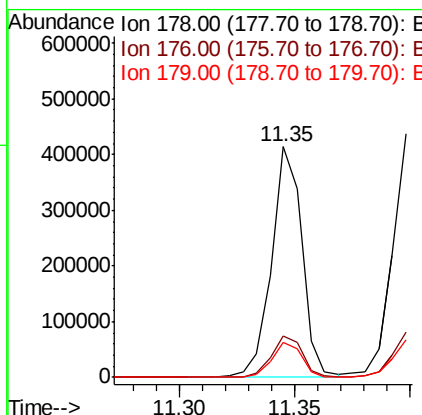
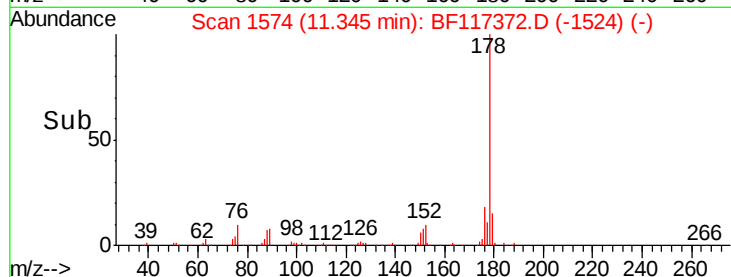
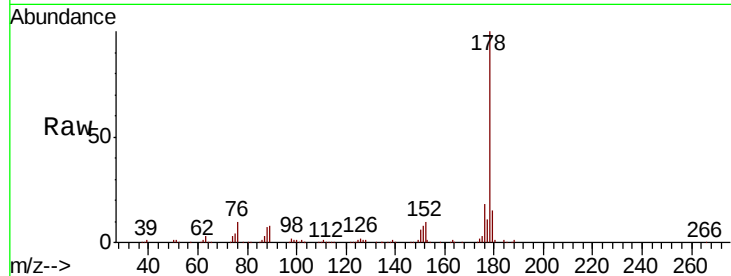
#71
Phenanthrene
Concen: 39.861 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.1	12.4	18.6

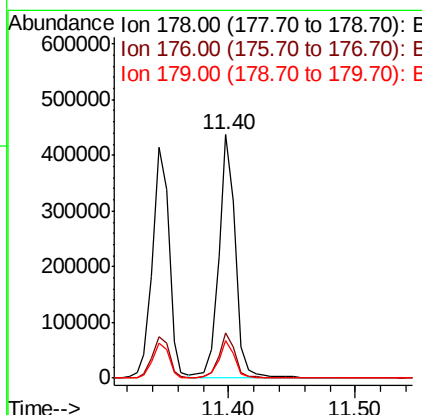
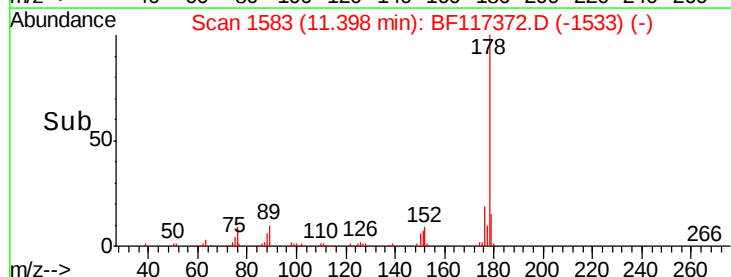
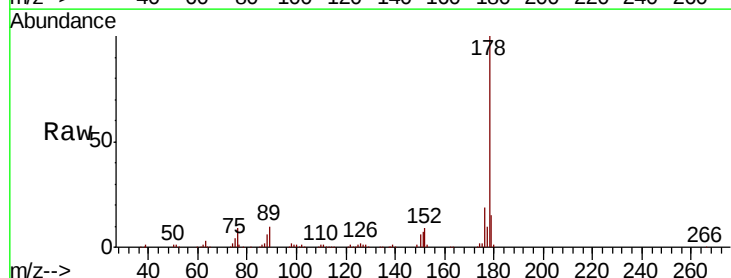
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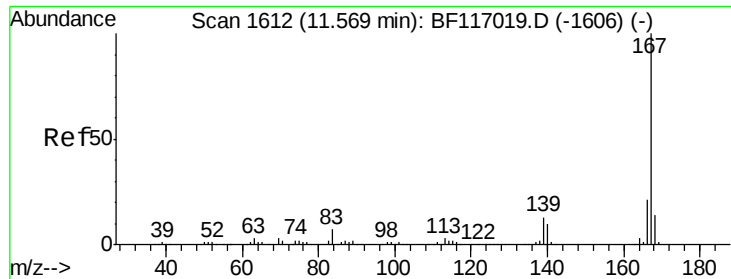
mohammad
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#72
Anthracene
Concen: 41.677 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.4	11.6	17.4





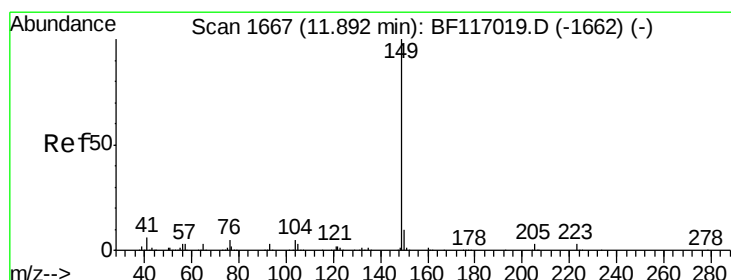
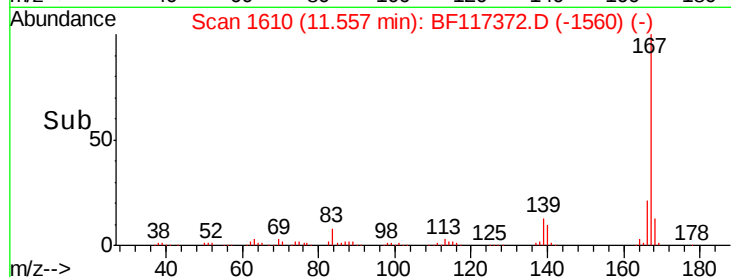
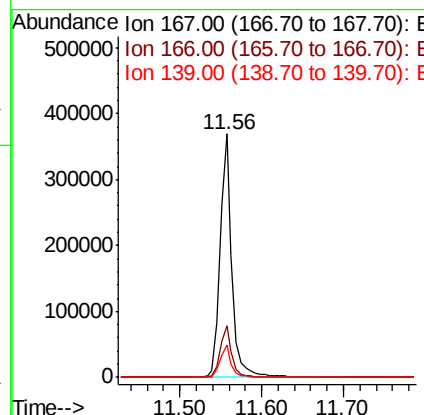
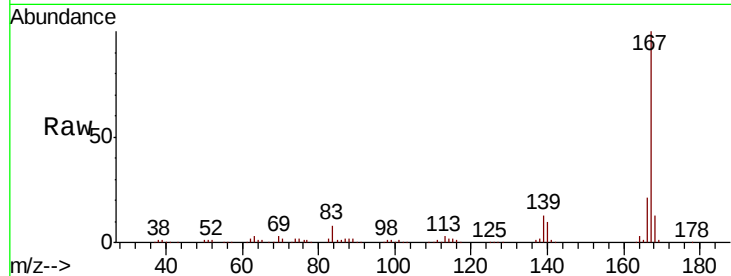
#73
 Carbazole
 Concen: 40.098 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123863BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.1	10.6	16.0

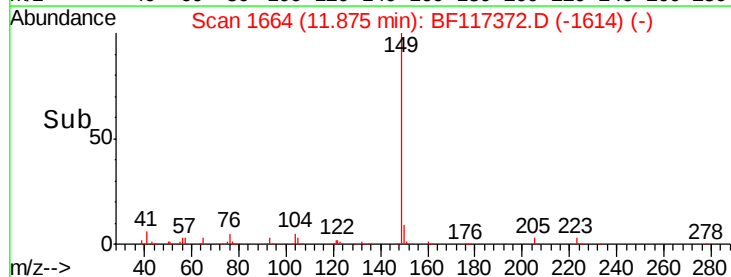
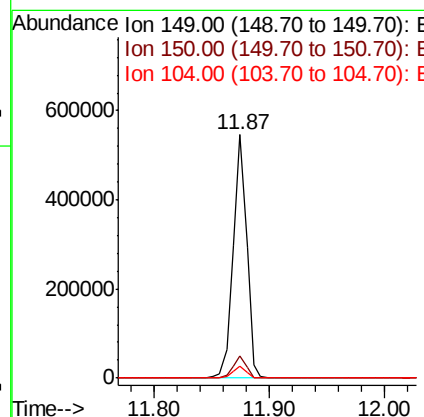
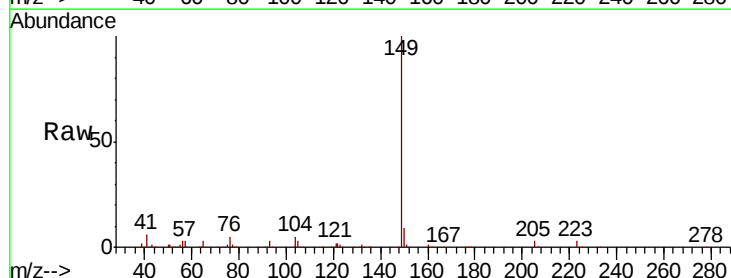
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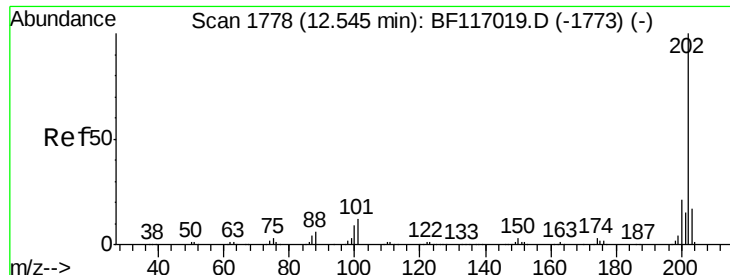
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#74
 Di-n-butylphthalate
 Concen: 40.622 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.0	4.2	6.4





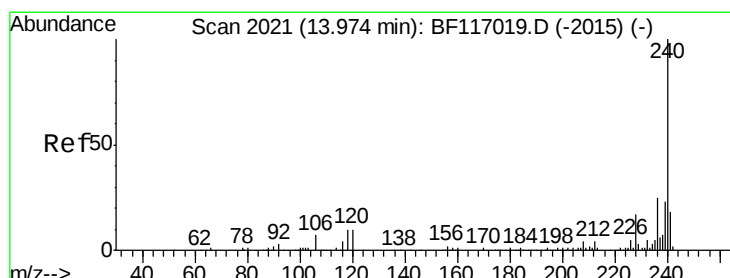
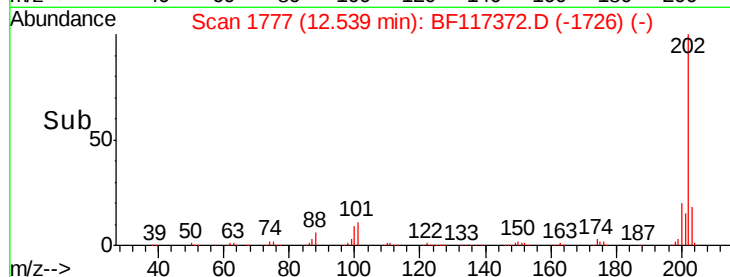
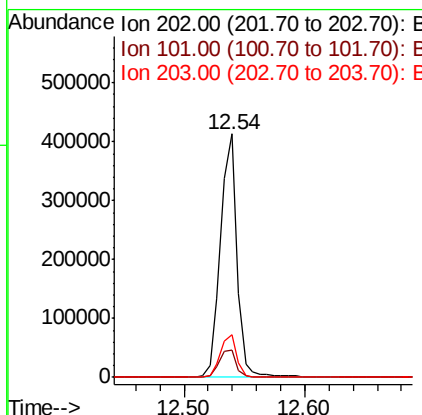
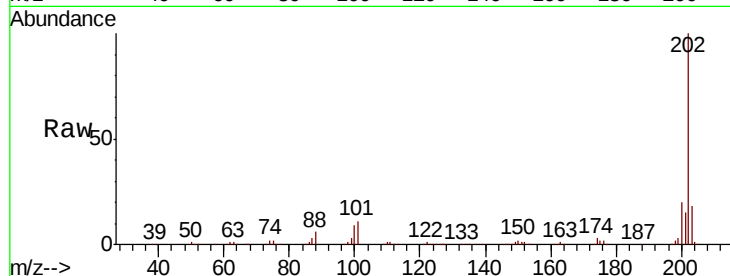
#75
Fluoranthene
 Concen: 40.019 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleID :
 PB123863BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	32.3
203	17.7	0.0	37.1

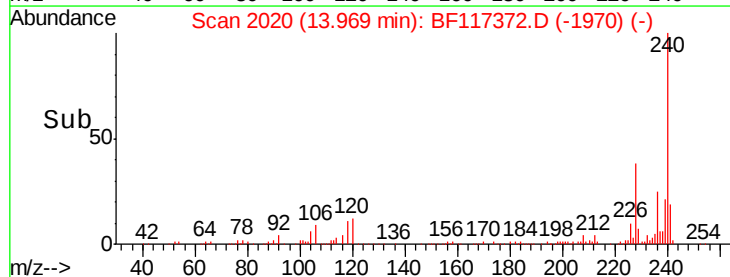
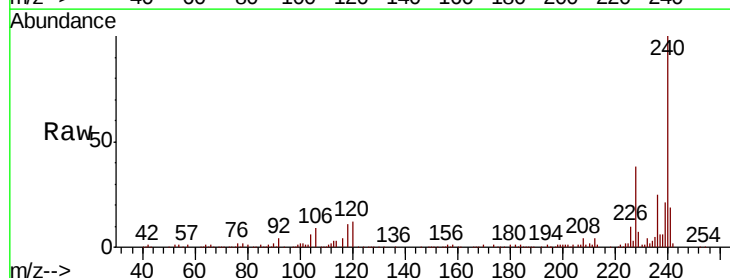
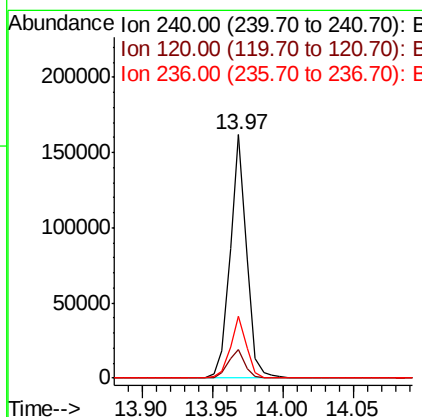
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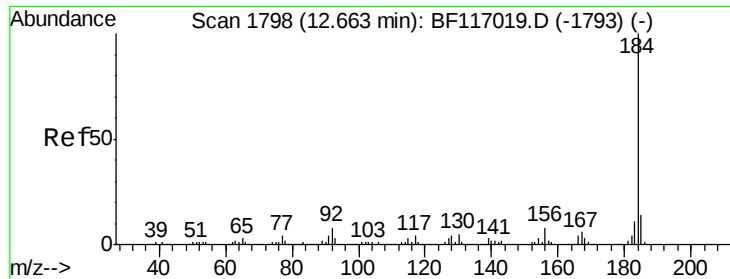
mohammad
 10/16/2019 8:05:50 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.4	20.3	30.5





#77

Benzidine

Concen: 58.443 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

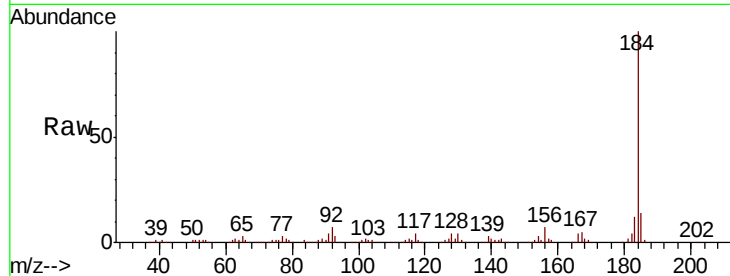
ClientSampleId :

PB123863BS

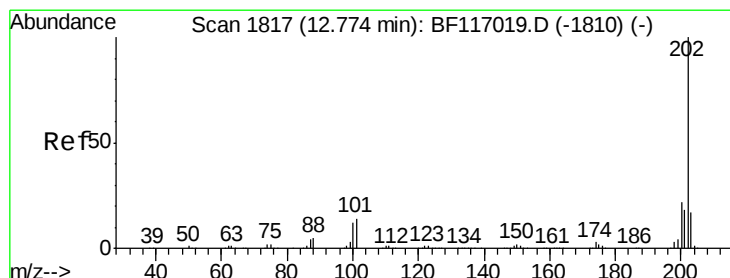
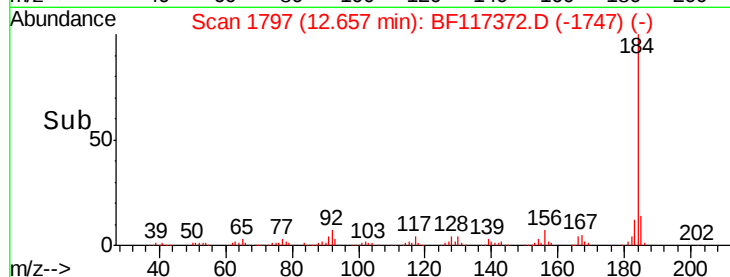
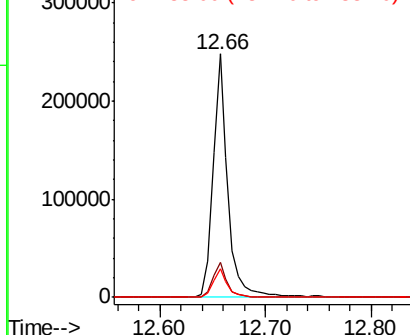
Tot Ion:	184	Resp:	244942
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.6	17.4
183	11.9	9.0	13.4

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



#78

Pyrene

Concen: 36.435 ng

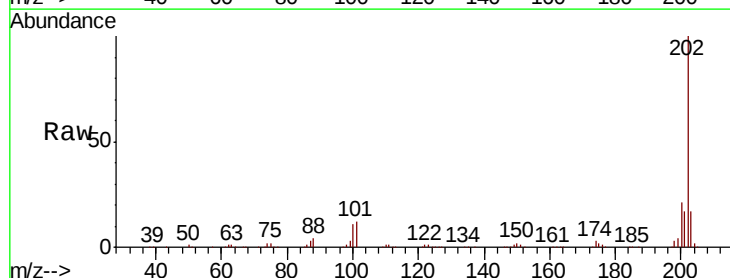
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

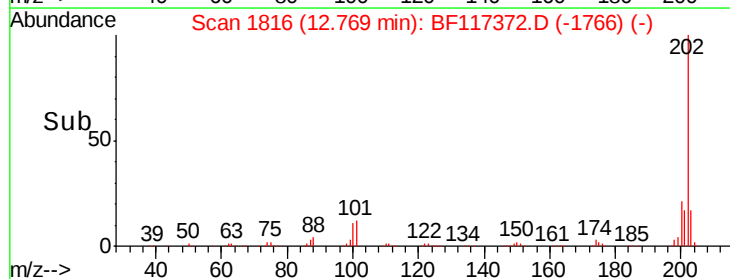
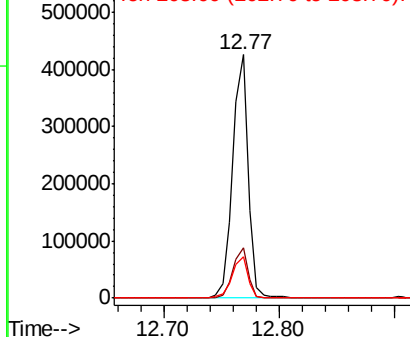
Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	202	Resp:	397766
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.2	25.8
203	17.2	14.0	21.0



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





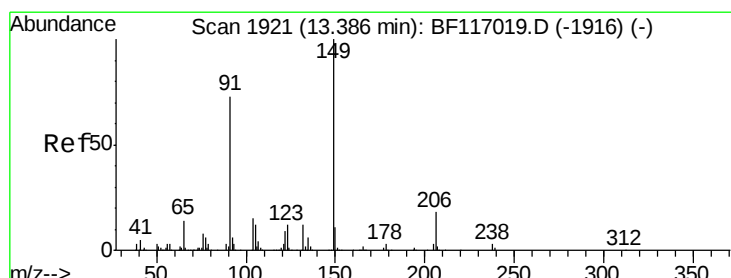
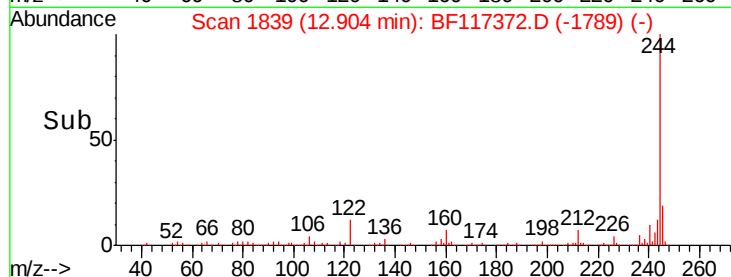
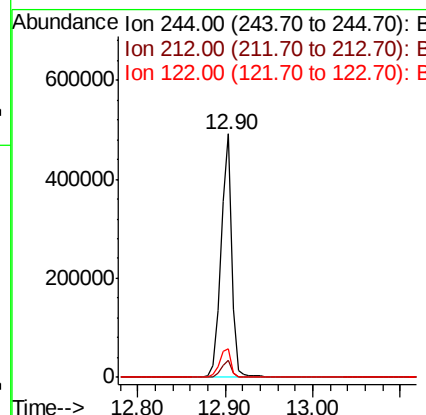
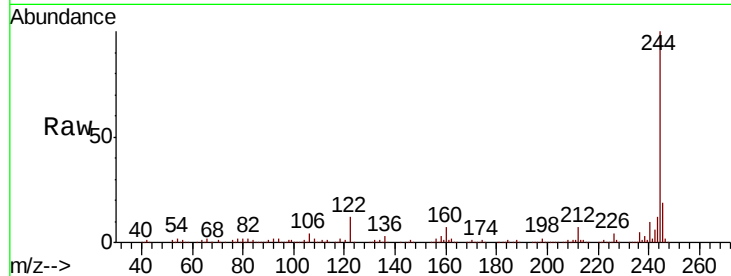
#79
 Terphenyl-d14
 Concen: 60.153 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 PB123863BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.5	11.3	16.9

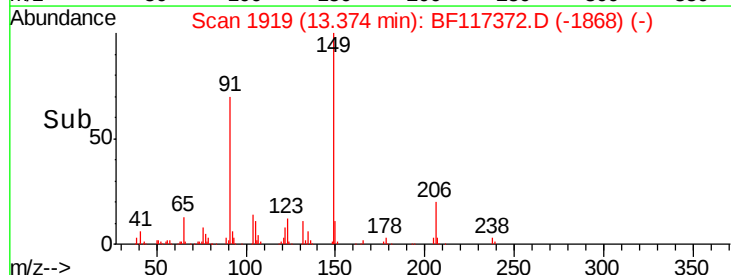
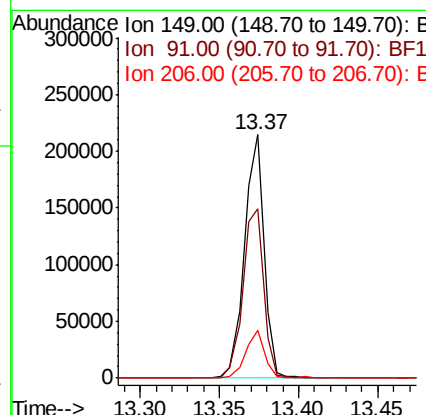
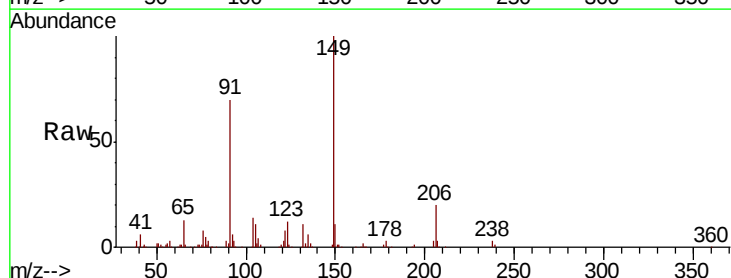
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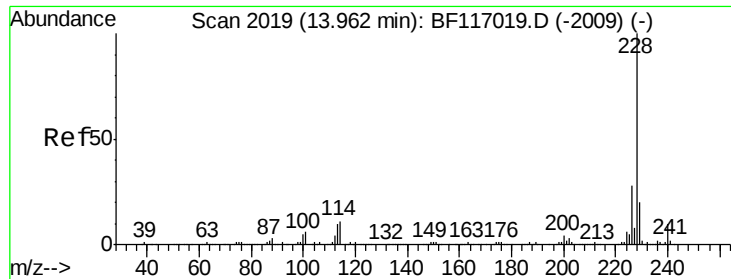
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#80
 Butylbenzylphthalate
 Concen: 35.825 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF117372.D
 Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	58.8	88.2
206	19.7	14.1	21.1





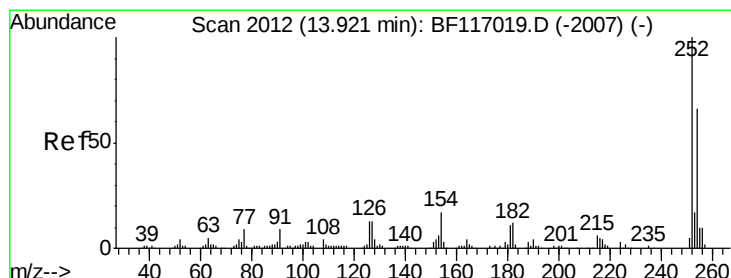
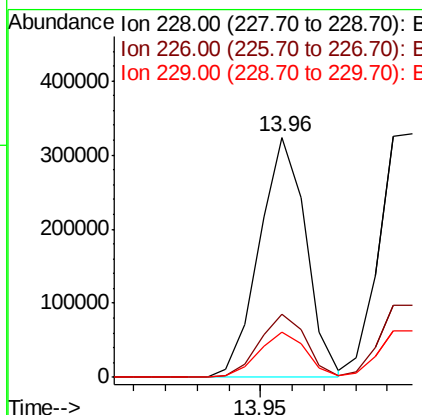
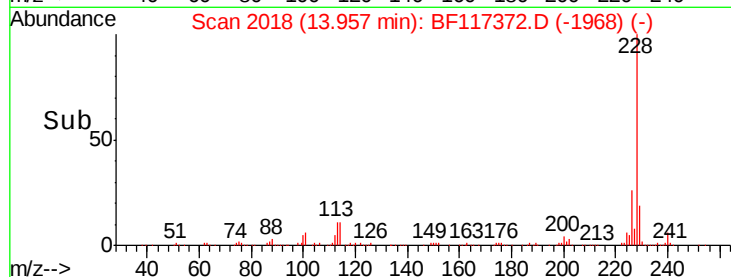
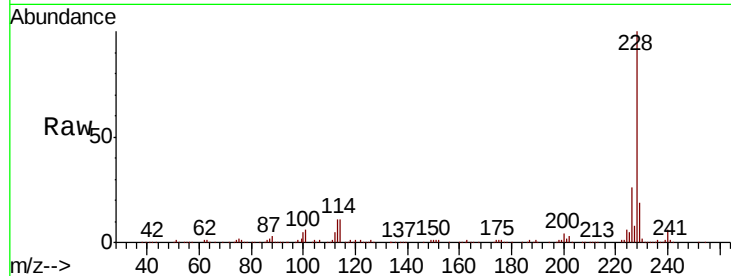
#81
Benzo(a)anthracene
Concen: 37.903 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.3	33.5
229	18.7	15.9	23.9

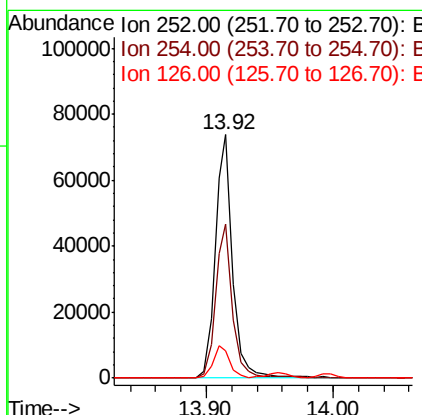
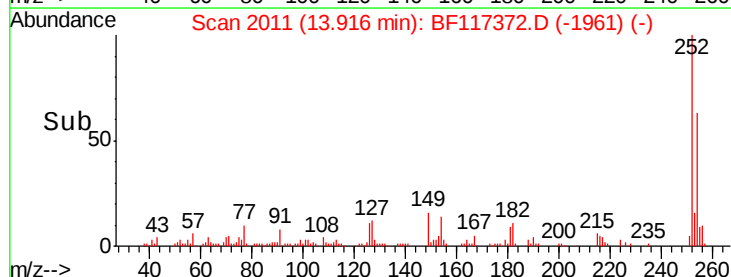
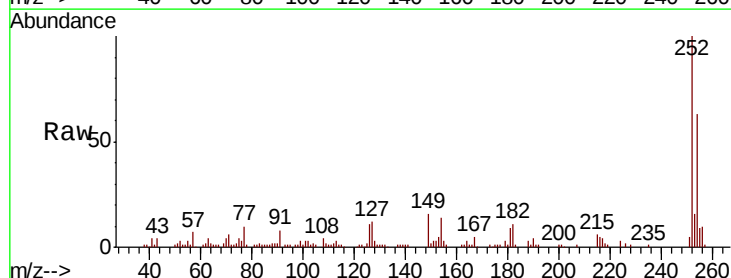
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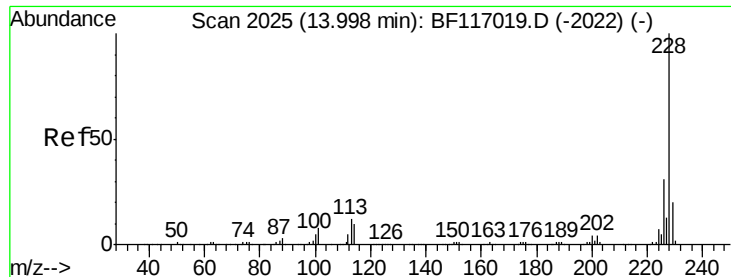
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#82
3,3'-Dichlorobenzidine
Concen: 25.240 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.6	79.0
126	11.0	10.4	15.6





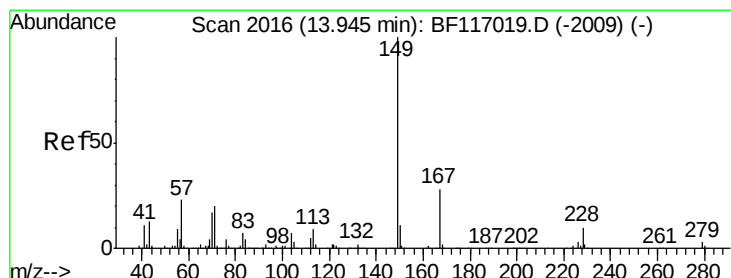
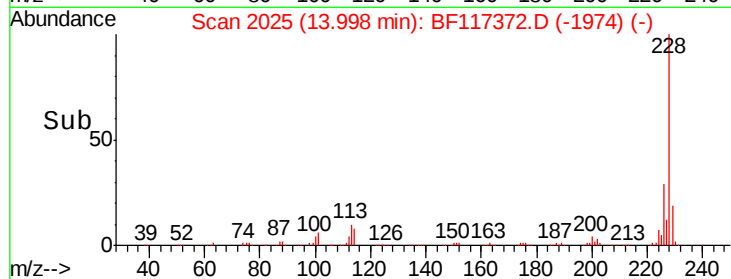
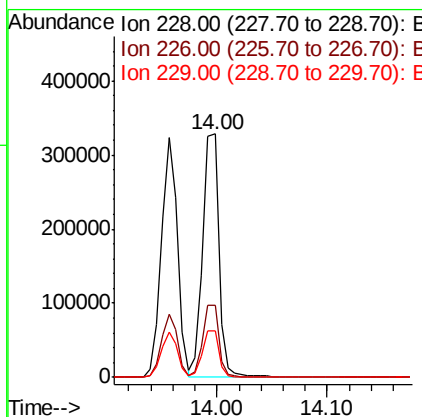
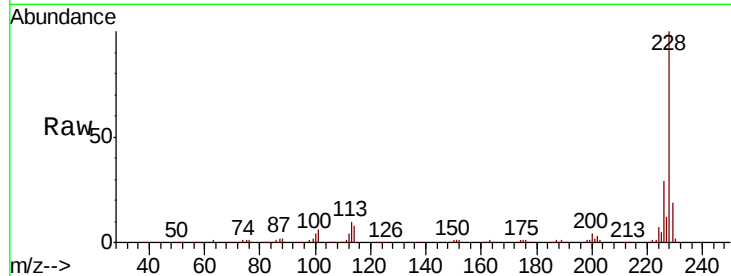
#83
Chrysene
Concen: 38.580 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.8	37.2
229	19.3	15.8	23.8

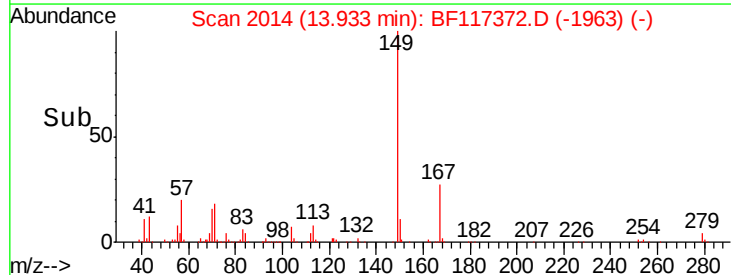
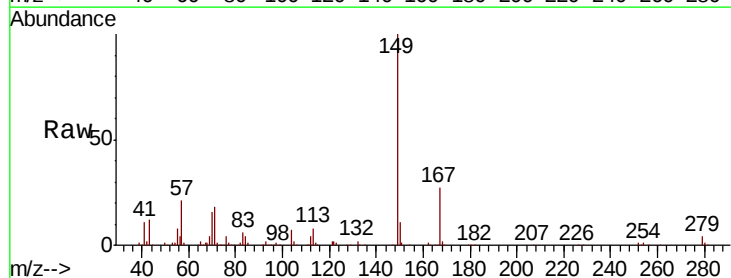
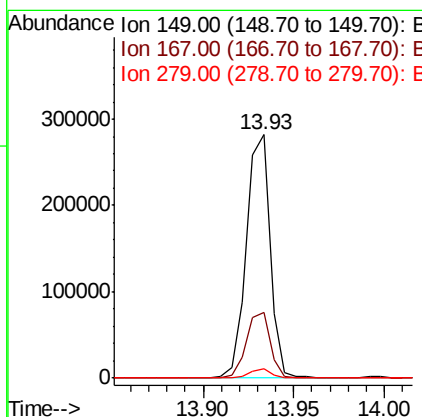
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.631 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.6	2.8	4.2





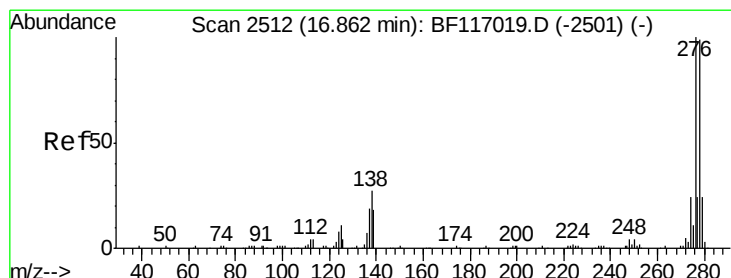
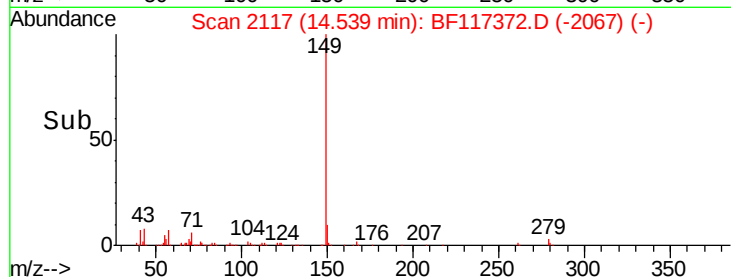
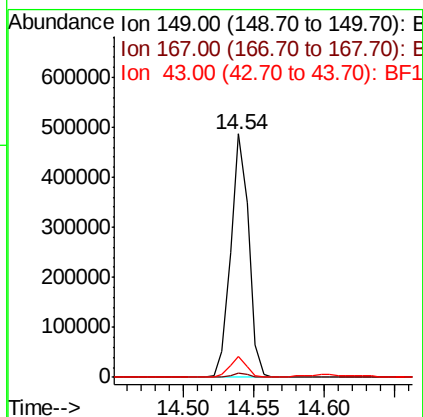
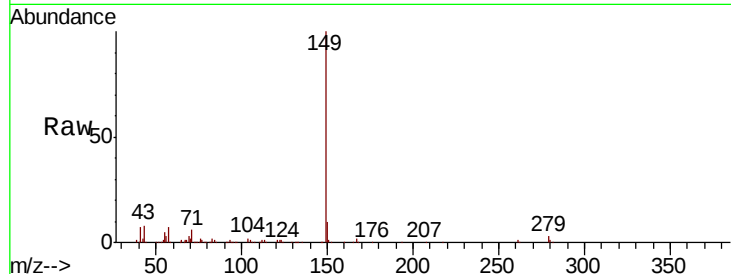
#85
Di-n-octyl phthalate
Concen: 41.096 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.2	9.4

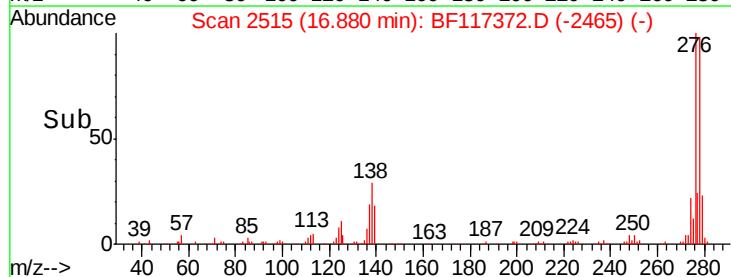
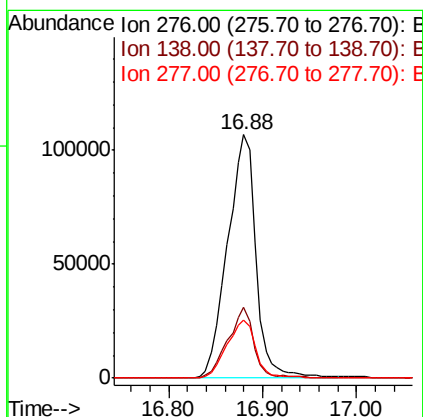
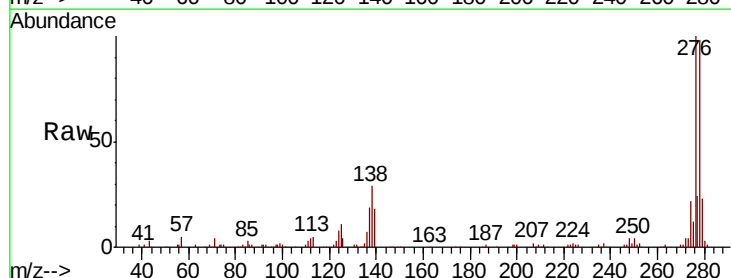
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.428 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.7	20.7	31.1
277	24.1	19.8	29.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Instrument :

BNA_F

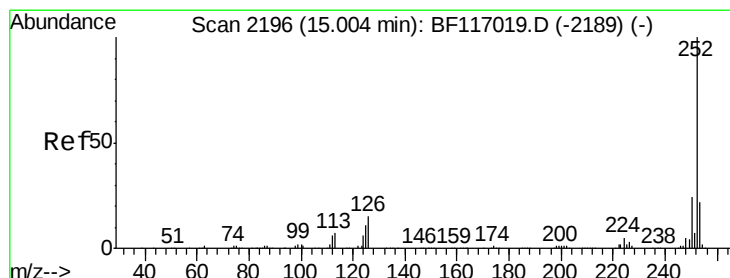
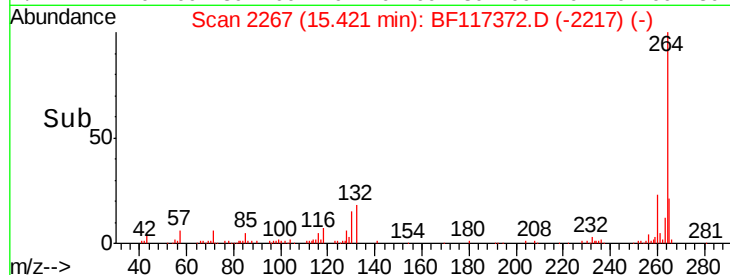
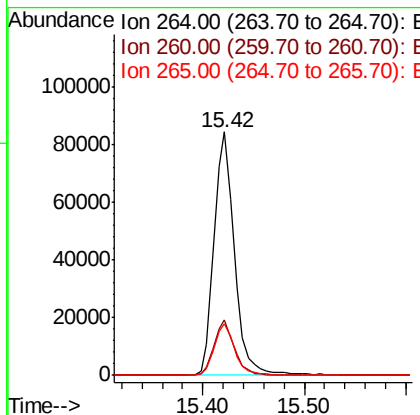
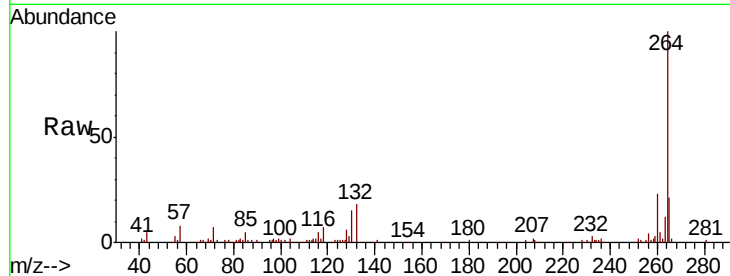
ClientSampleId :

PB123863BS

Tot Ion:	264	Resp:	118126
Ion Ratio		Lower	Upper
264	100		
260	22.8	17.6	26.4
265	21.1	16.6	24.8

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#88

Benzo(b)fluoranthene

Concen: 38.906 ng

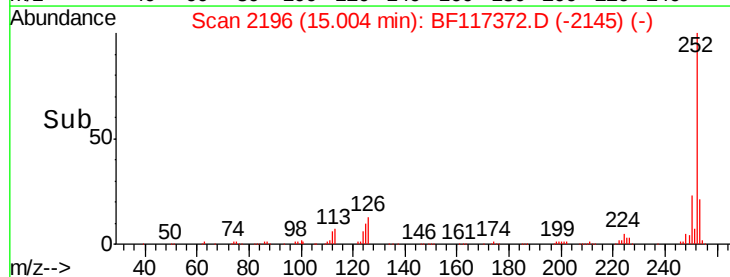
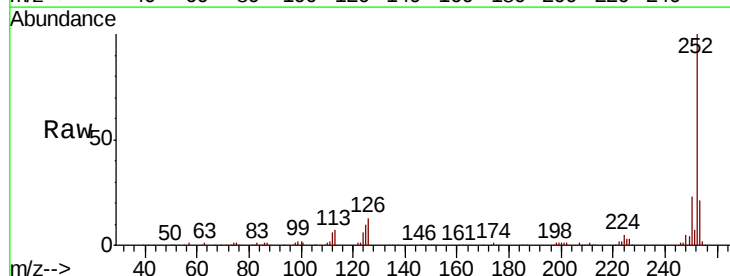
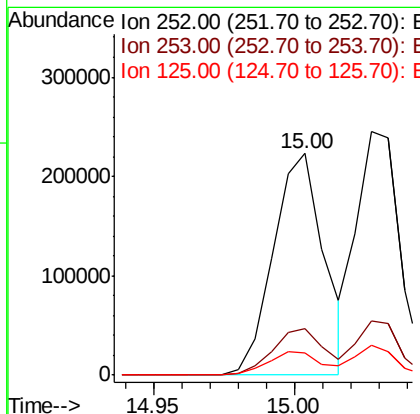
RT: 15.00 min Scan# 2196

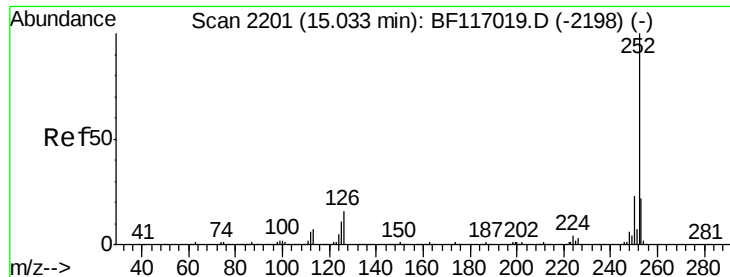
Delta R.T. 0.00 min

Lab File: BF117372.D

Acq: 12 Oct 2019 16:51

Tgt Ion:	252	Resp:	278388
Ion Ratio		Lower	Upper
252	100		
253	21.1	17.6	26.4
125	10.3	8.6	12.8





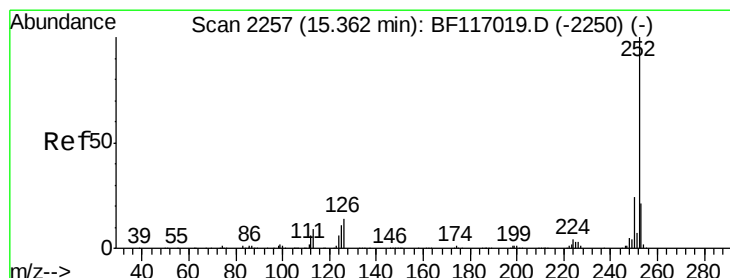
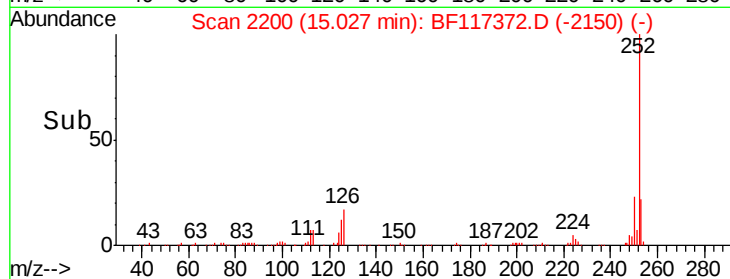
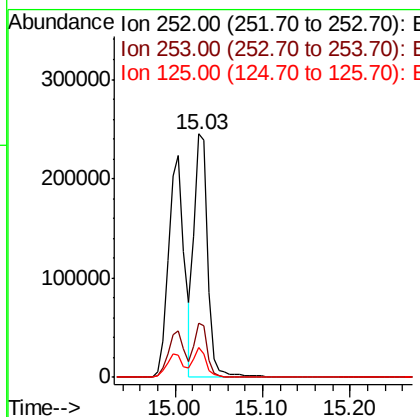
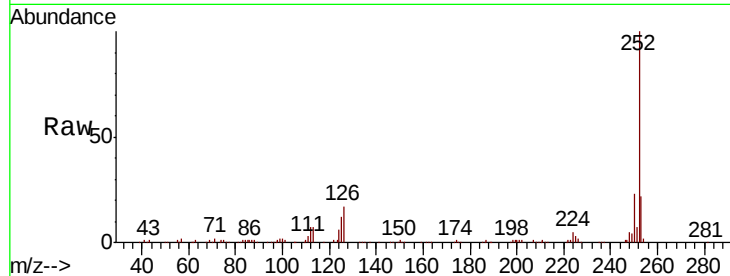
#89
Benzo(k)fluoranthene
Concen: 39.848 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	270090		
253	22.1		17.4	26.2
125	12.4		8.8	13.2

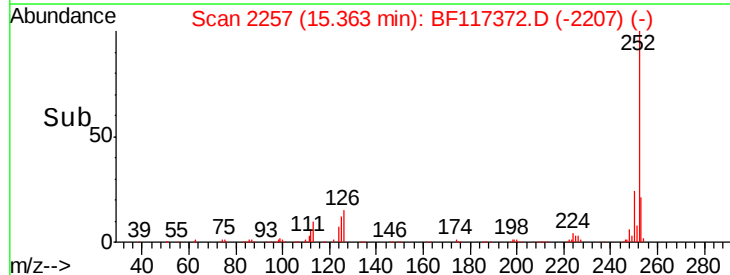
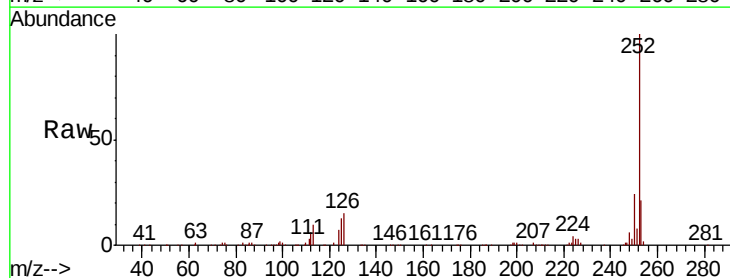
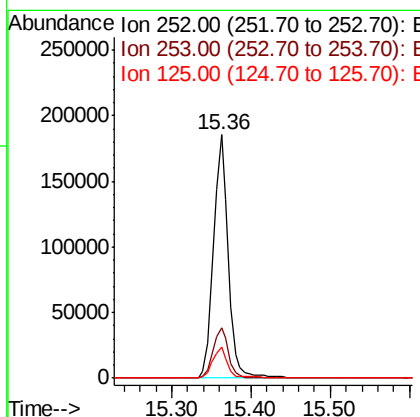
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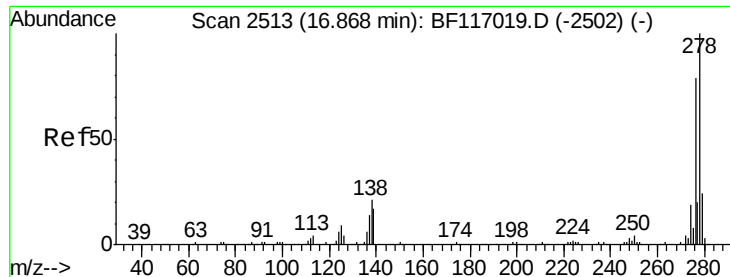
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#90
Benzo(a)pyrene
Concen: 38.116 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	239325		
253	20.8		16.6	25.0
125	12.5		8.9	13.3





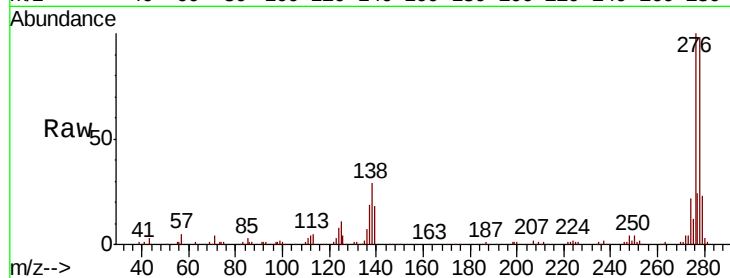
#91
Dibenzo(a,h)anthracene
Concen: 38.314 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Instrument :
BNA_F
ClientSampled :
PB123863BS

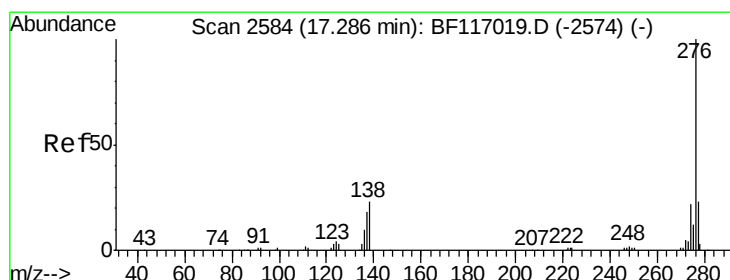
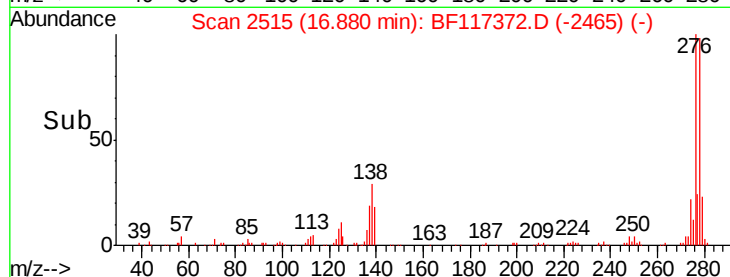
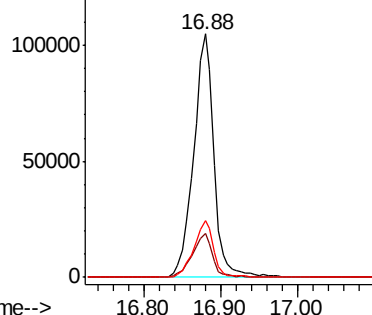
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.5	20.3
279	23.2	18.8	28.2

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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: 36.532 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF117372.D
Acq: 12 Oct 2019 16:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	25.5	18.0	27.0

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

