

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117051.D
 Acq On : 16 Sep 2019 9:55
 Operator : HP/JU
 Sample : PB123079BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Manual Integrations
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 9/17/2019 1:25:16 PM

Quant Time: Sep 16 11:51:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75351	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	323219	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	164797	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	271924	20.00	ng	0.00
76) Chrysene-d12	13.97	240	182281	20.00	ng	0.00
87) Perylene-d12	15.41	264	143714	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	550910	114.15	ng	0.02
7) Phenol-d6	6.47	99	714291	114.52	ng	0.01
23) Nitrobenzene-d5	7.39	82	431877	70.21	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	161002	116.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	765716	72.65	ng	0.00
79) Terphenyl-d14	12.92	244	719559	73.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	82841	41.019	ng	98
3) Pyridine	3.40	79	191117	34.574	ng	96
4) n-Nitrosodimethylamine	3.35	42	83166	43.841	ng	96
6) Aniline	6.49	93	278249	34.648	ng	93
8) 2-Chlorophenol	6.62	128	241201	46.326	ng	97
9) Benzaldehyde	6.37	77	138103	45.645	ng	100
10) Phenol	6.48	94	308320	44.839	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	228703	45.254	ng	98
12) 1,3-Dichlorobenzene	6.77	146	246753	42.234	ng	98
13) 1,4-Dichlorobenzene	6.84	146	256048	42.943	ng	98
14) 1,2-Dichlorobenzene	7.00	146	238648	42.990	ng	97
15) Benzyl Alcohol	6.97	79	220199	46.037	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	213998	42.860	ng	97
17) 2-Methylphenol	7.08	107	200172	45.872	ng	95
18) Hexachloroethane	7.33	117	100301	43.728	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	174486	45.940	ng	97
20) 3+4-Methylphenols	7.23	107	251439	46.260	ng	# 89
22) Acetophenone	7.23	105	350676	42.703	ng	97
24) Nitrobenzene	7.40	77	265421	43.691	ng	99
25) Isophorone	7.65	82	482766	44.323	ng	100
26) 2-Nitrophenol	7.72	139	122637	46.998	ng	96
27) 2,4-Dimethylphenol	7.76	122	206051	49.795	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	287873	42.898	ng	99
29) 2,4-Dichlorophenol	7.96	162	196670	45.359	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	194321	41.483	ng	98
31) Naphthalene	8.13	128	679623	43.720	ng	99
32) Benzoic acid	7.90	122	109627	36.860	ng	98
33) 4-Chloroaniline	8.17	127	173397	25.150	ng	97
34) Hexachlorobutadiene	8.25	225	112719	42.413	ng	98
35) Caprolactam	8.54	113	63140m	43.023	ng	
36) 4-Chloro-3-methylphenol	8.66	107	227822	45.063	ng	98
37) 2-Methylnaphthalene	8.82	142	463901	44.317	ng	99
38) 1-Methylnaphthalene	8.92	142	425122	43.362	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	181075	42.551	ng	98

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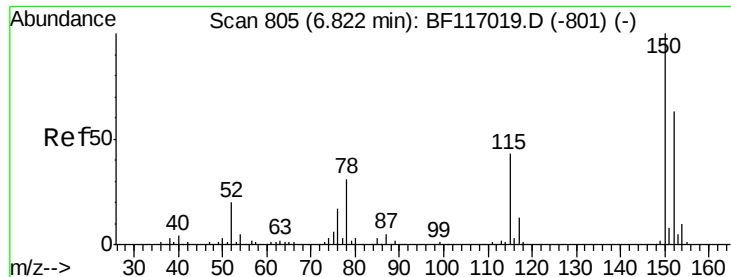
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	167936	88.368	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	125139	43.332	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	138737	44.965	nq	96
46) 1,1'-Biphenyl	9.27	154	562488	43.514	nq	99
47) 2-Chloronaphthalene	9.30	162	432447	42.389	nq	99
48) 2-Nitroaniline	9.40	65	137362	41.978	nq	96
49) Acenaphthylene	9.72	152	679235	44.444	nq	99
50) Dimethylphthalate	9.57	163	500116	42.861	nq	100
51) 2,6-Dinitrotoluene	9.64	165	111741	47.019	nq	93
52) Acenaphthene	9.89	154	388398	42.872	nq	98
53) 3-Nitroaniline	9.81	138	91187	30.412	nq	96
54) 2,4-Dinitrophenol	9.92	184	84062	81.700	nq	97
55) Dibenzofuran	10.06	168	600441	44.921	nq	100
56) 4-Nitrophenol	9.98	139	164546	84.673	nq	97
57) 2,4-Dinitrotoluene	10.05	165	146697	47.555	nq	94
58) Fluorene	10.40	166	480584	44.634	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	106485m	45.099	nq	
60) Diethylphthalate	10.27	149	505274	44.015	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	206604	44.349	nq	99
62) 4-Nitroaniline	10.42	138	129424	41.506	nq	97
63) Azobenzene	10.55	77	519279	44.290	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	58356	47.229	nq	88
66) n-Nitrosodiphenylamine	10.51	169	418081	44.519	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	121647	43.805	nq	97
68) Hexachlorobenzene	10.96	284	129104	42.505	nq	94
69) Atrazine	11.03	200	119937	54.247	nq	98
70) Pentachlorophenol	11.15	266	131885	92.632	nq	95
71) Phenanthrene	11.36	178	670518	43.413	nq	100
72) Anthracene	11.42	178	688760	43.680	nq	97
73) Carbazole	11.57	167	650137	43.437	nq	99
74) Di-n-butylphthalate	11.89	149	787532	44.224	nq	99
75) Fluoranthene	12.55	202	677348	42.681	nq	99
77) Benzidine	12.66	184	250099	42.594	nq	99
78) Pyrene	12.77	202	688763	45.033	nq	100
80) Butylbenzylphthalate	13.39	149	316895	43.849	nq	92
81) Benzo(a)anthracene	13.96	228	512241	42.061	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	135134	34.434	nq	97
83) Chrysene	14.00	228	507485	42.725	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	417504	44.805	nq	98
85) Di-n-octyl phthalate	14.55	149	650520	44.355	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	375547	43.337	nq	98
88) Benzo(b)fluoranthene	15.00	252	410738	47.183	nq	99
89) Benzo(k)fluoranthene	15.03	252	401969	48.745	nq	98
90) Benzo(a)pyrene	15.35	252	376364	49.269	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	309084	50.790	nq	98
92) Benzo(g,h,i)perylene	17.28	276	309578	51.051	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

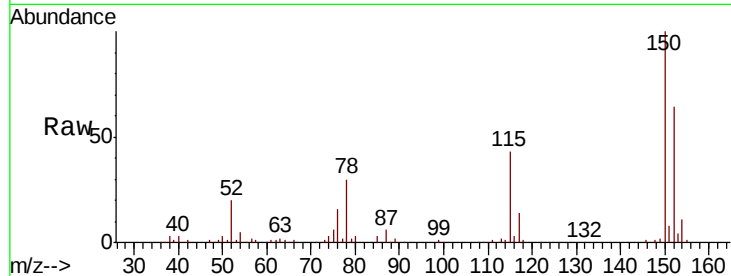
ClientSampleId :

PB123079BS

Tot Ion:	152	Resp:	75351
Ion Ratio	Lower	Upper	
152	100		
150	155.2	127.5	191.3
115	66.7	55.0	82.4

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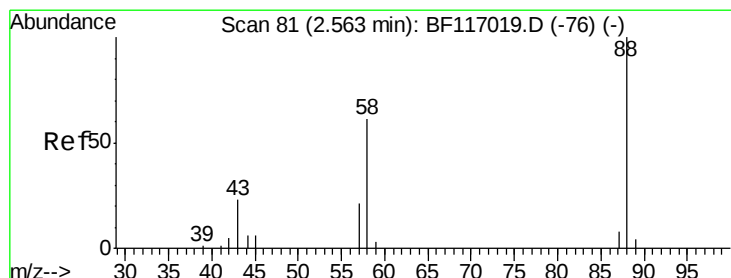
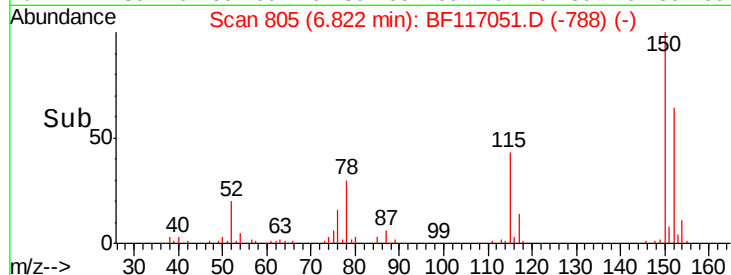
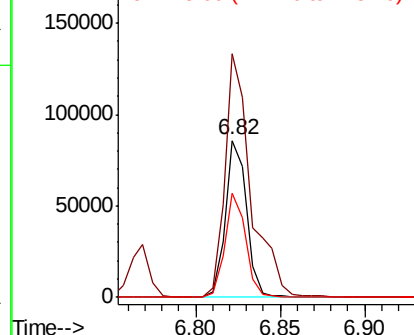


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.019 ng

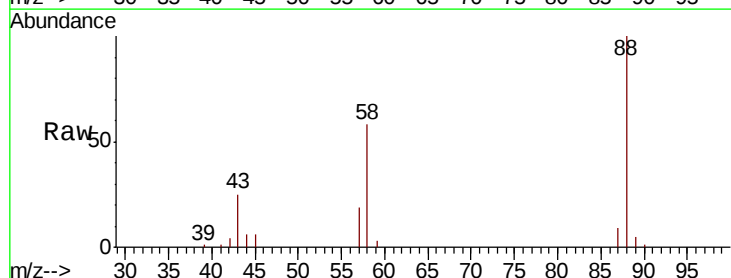
RT: 2.66 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion:	88	Resp:	82841
Ion Ratio	Lower	Upper	
88	100		
58	60.1	49.3	73.9
43	24.9	18.8	28.2

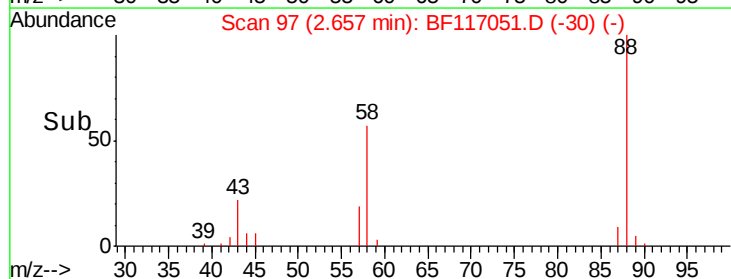
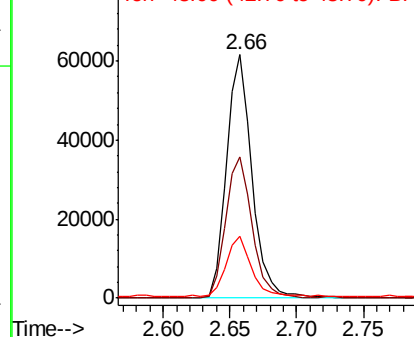


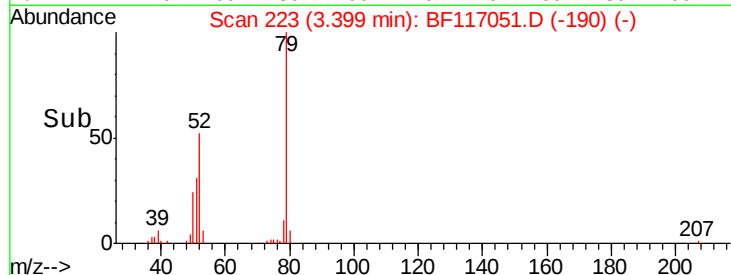
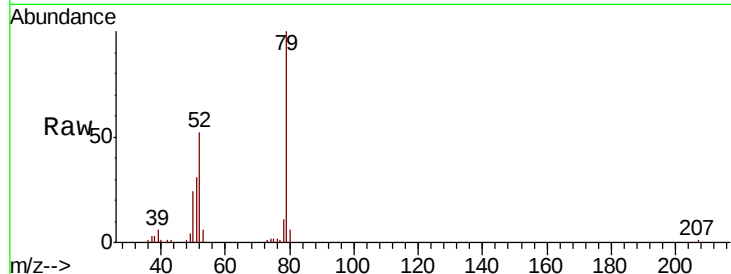
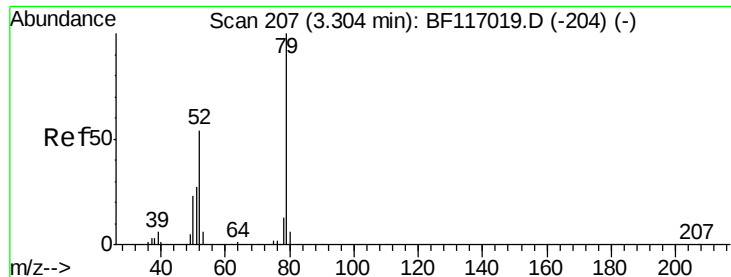
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





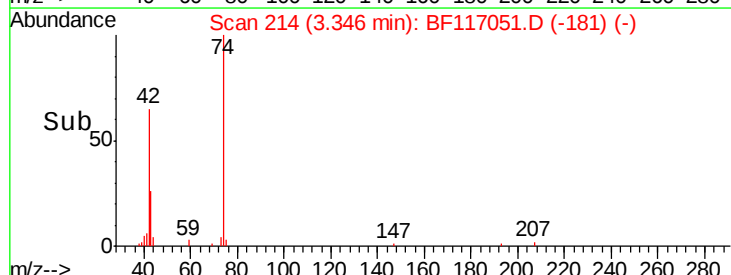
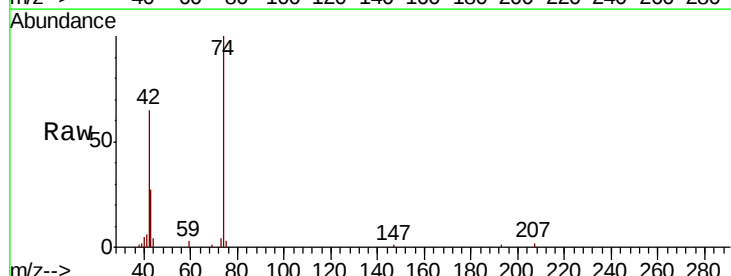
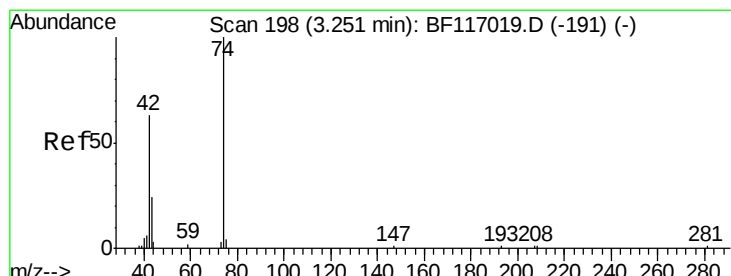
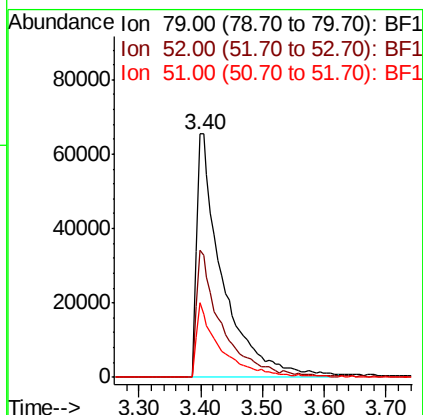
#3
Pvridine
Concen: 34.574 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.09 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tot Ion	Ratio	Resp	Lower	Upper
79	100	191117		
52	52.4	43.5	65.3	
51	30.9	21.8	32.6	

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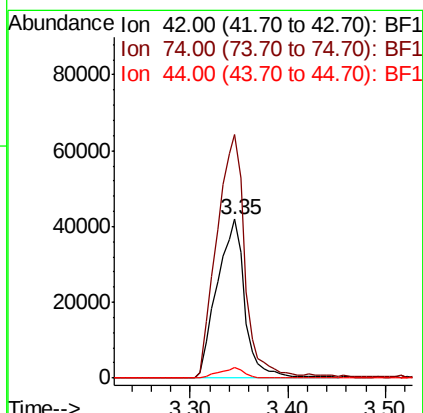
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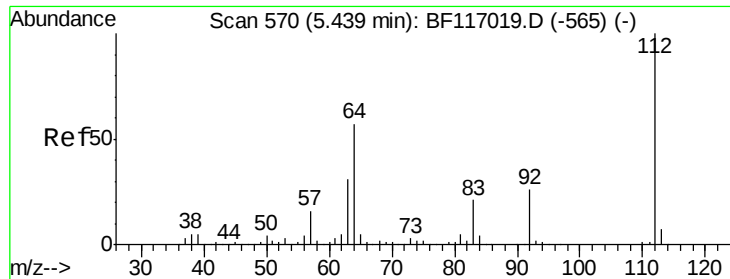
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#4
n-Nitrosodimethylamine
Concen: 43.841 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.09 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	83166		
74	153.4	127.1	190.7	
44	6.4	4.3	6.5	





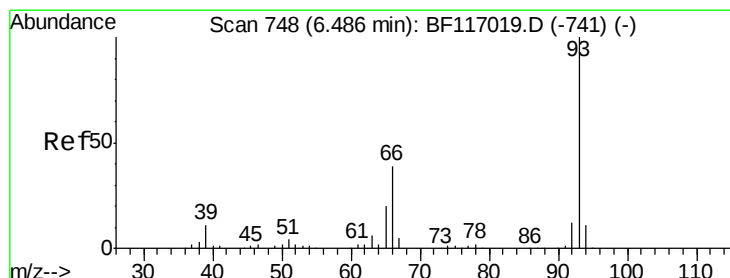
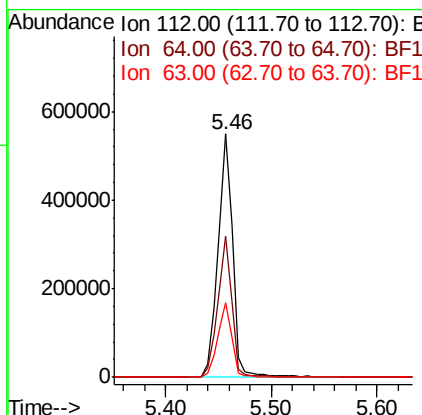
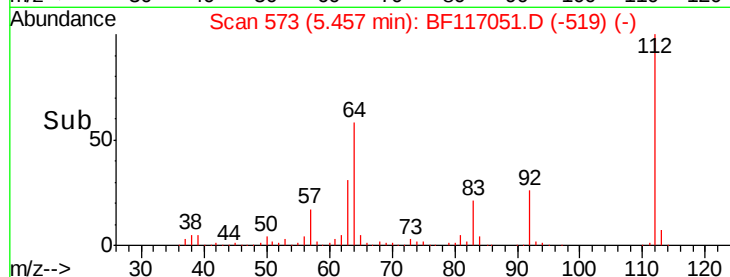
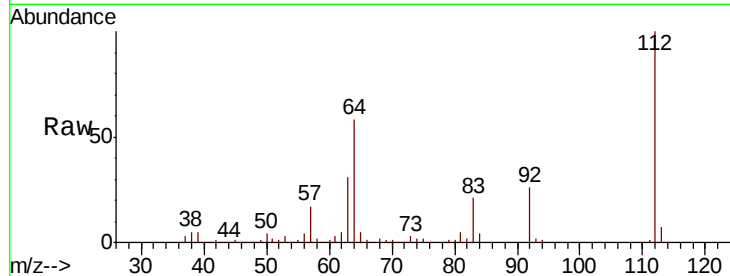
#5
2-Fluorophenol
Concen: 114.147 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.2	45.7	68.5
63	30.9	24.9	37.3

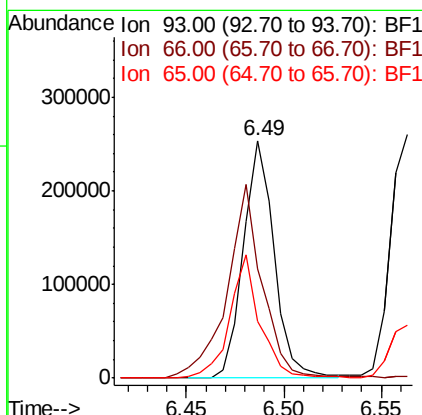
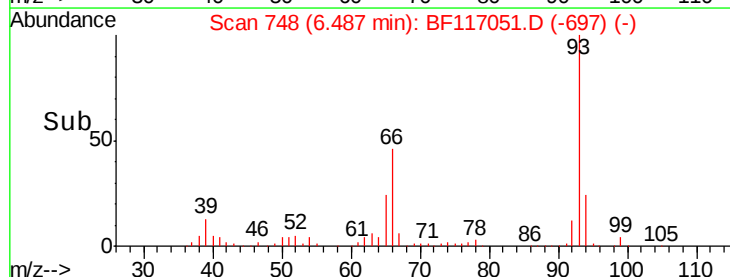
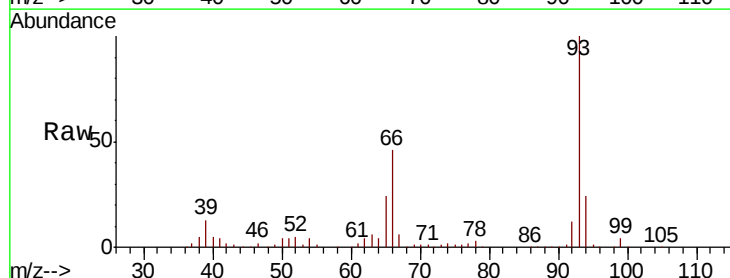
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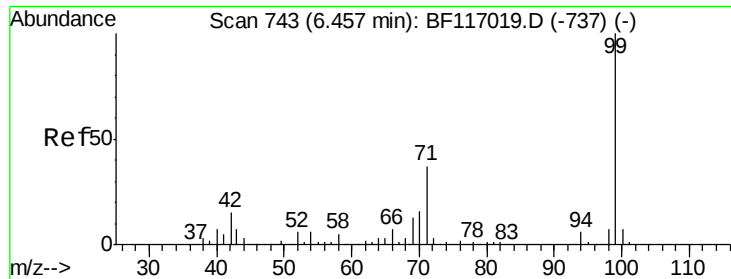
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#6
Aniline
Concen: 34.648 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	45.7	32.6	49.0
65	23.8	16.7	25.1





#7

Phenol-d6

Concen: 114.518 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

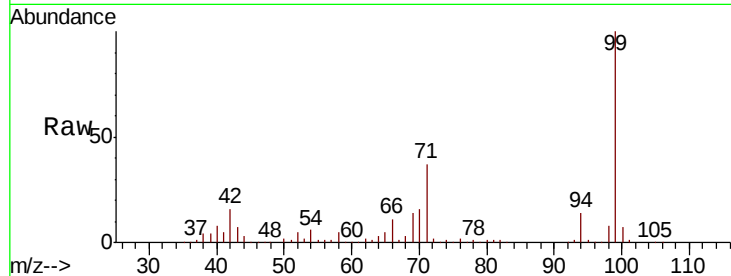
ClientSampleId :

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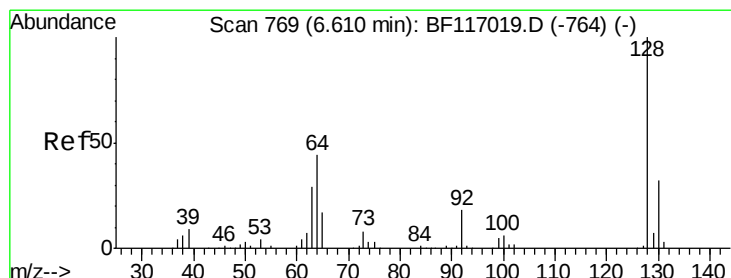
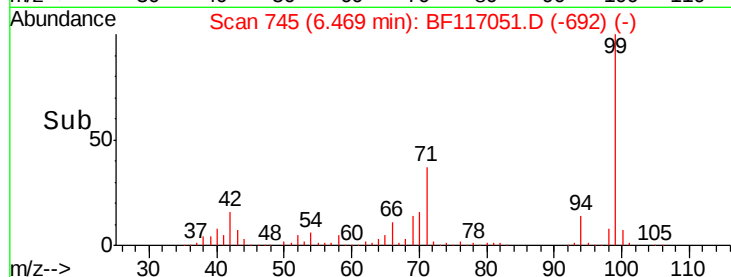
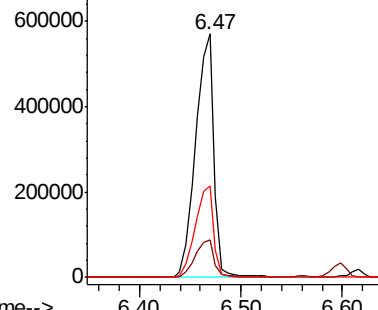
Tot Ion:	99	Resp:	714291
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.2	18.2
71	37.4	29.8	44.8

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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: 46.326 ng

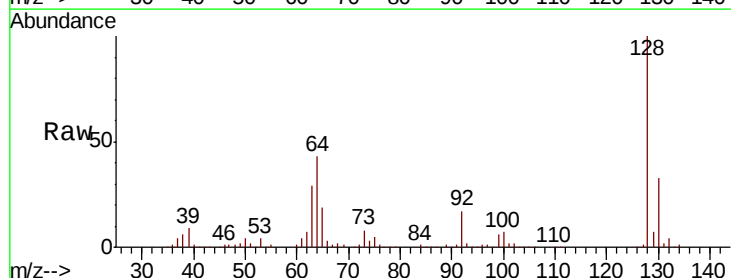
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

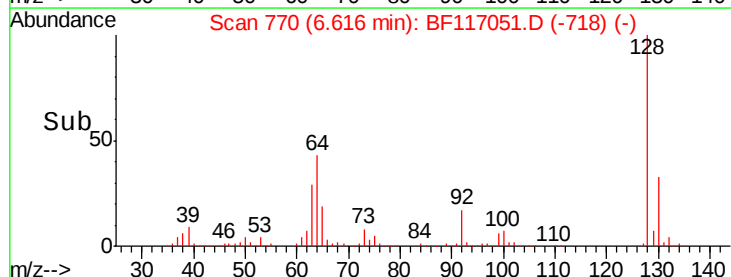
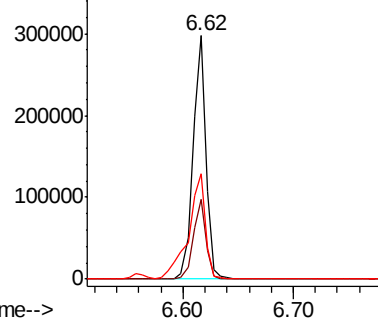
Lab File: BF117051.D

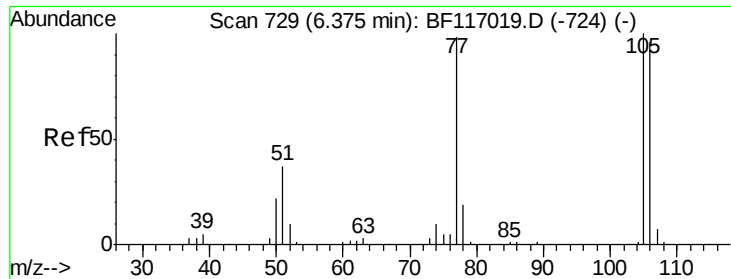
Acq: 16 Sep 2019 9:55

Tgt Ion:	128	Resp:	241201
Ion Ratio	Lower	Upper	
128	100		
130	33.0	11.8	51.8
64	43.1	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: 45.645 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

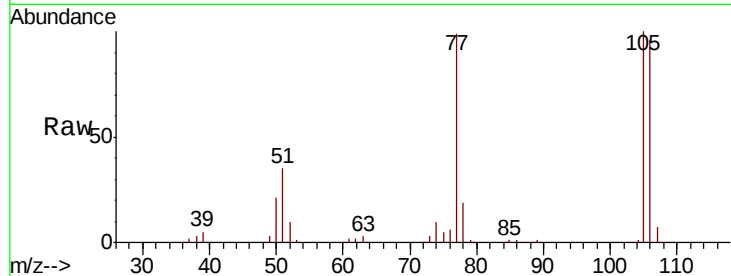
ClientSampleId :

PB123079BS

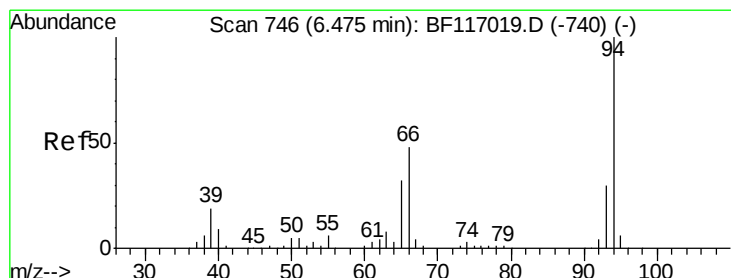
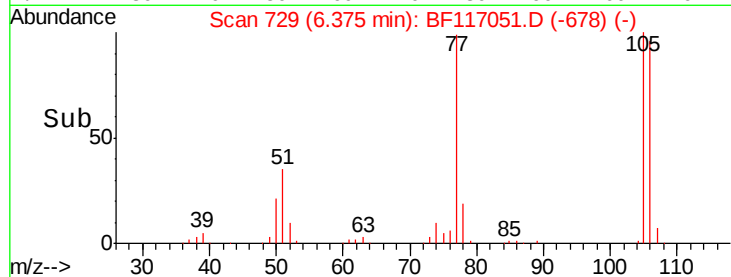
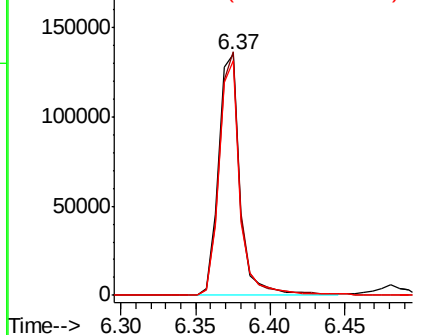
Tot Ion:	77	Resp:	138103
Ion	Ratio	Lower	Upper
77	100		
105	101.2	81.8	121.8
106	97.4	77.3	117.3

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.839 ng

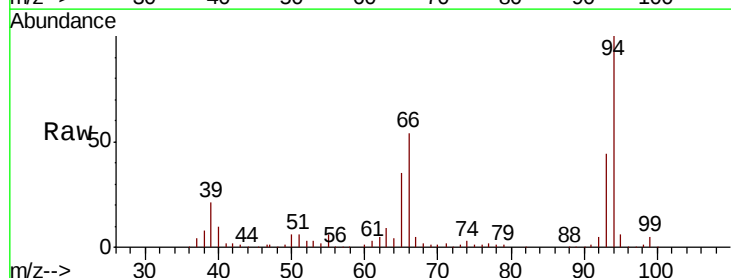
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

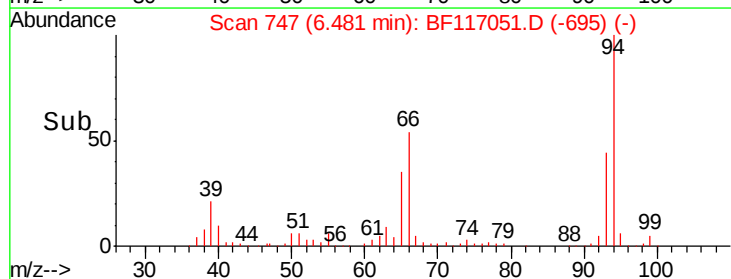
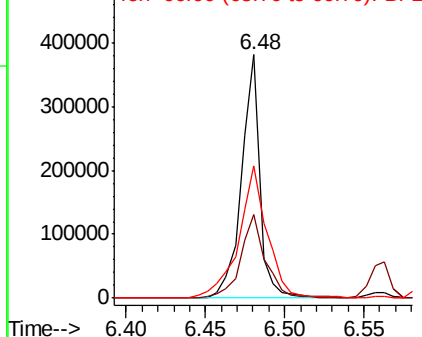
Lab File: BF117051.D

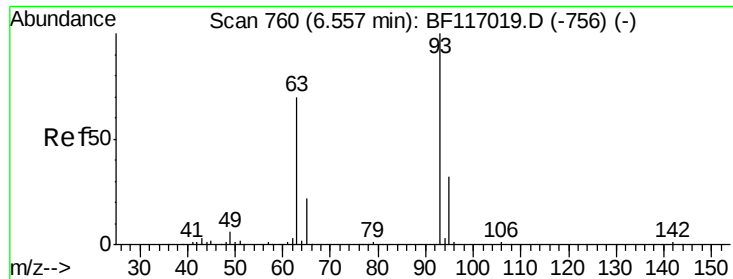
Acq: 16 Sep 2019 9:55

Tgt Ion:	94	Resp:	308320
Ion	Ratio	Lower	Upper
94	100		
65	34.6	12.5	52.5
66	54.1	28.9	68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





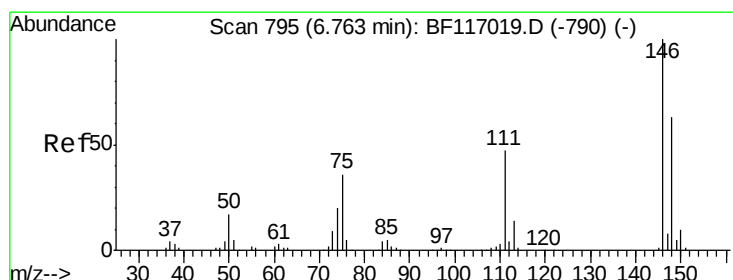
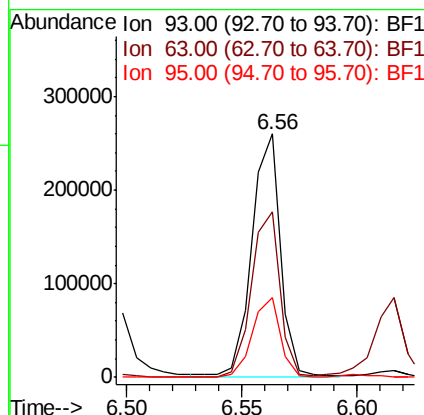
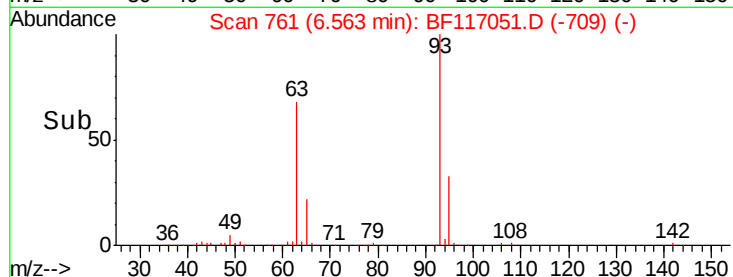
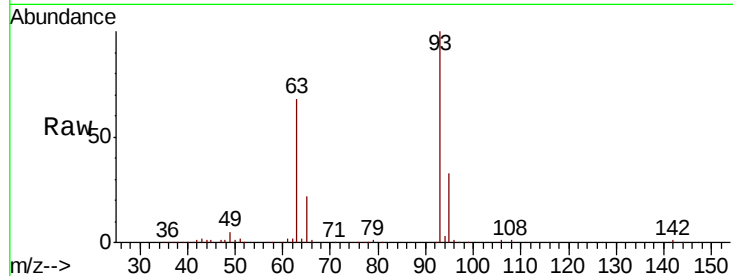
#11
bis(2-Chloroethyl)ether
Concen: 45.254 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion:	93	Resp:	228703
Ion Ratio	Lower	Upper	
93	100		
63	68.0	49.3	89.3
95	32.7	11.5	51.5

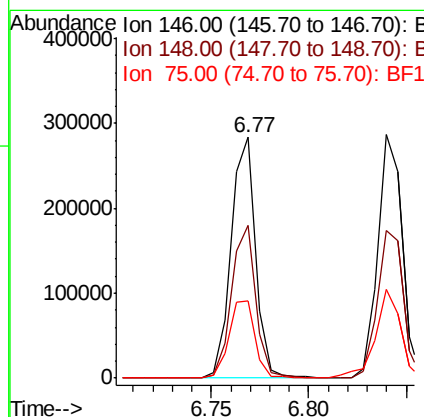
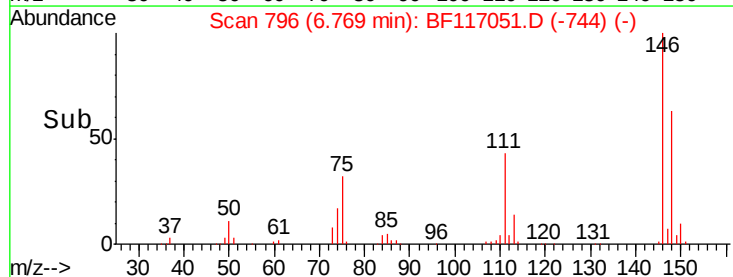
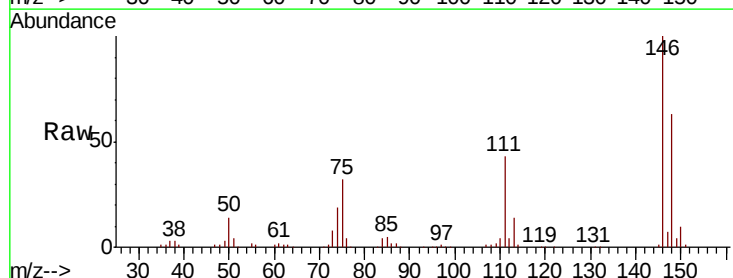
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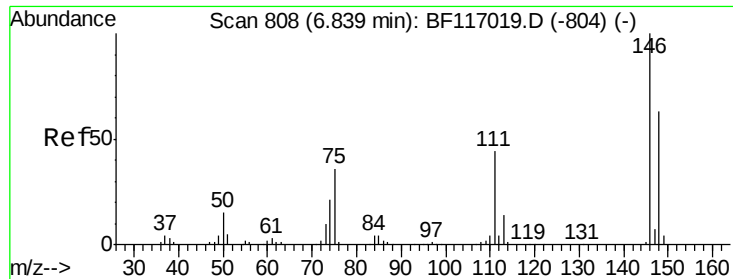
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.234 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:	146	Resp:	246753
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
75	31.9	28.7	43.1





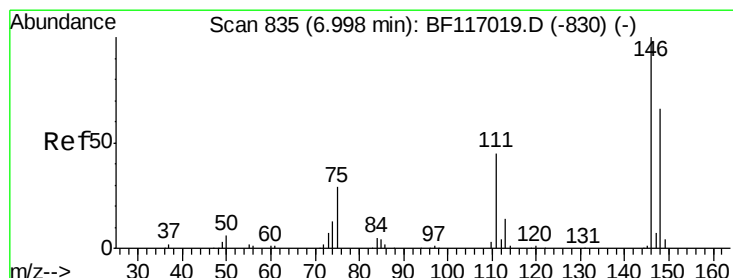
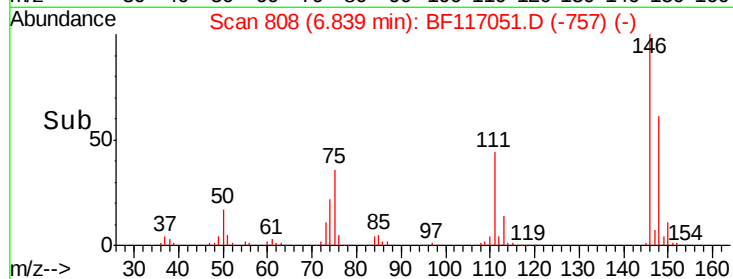
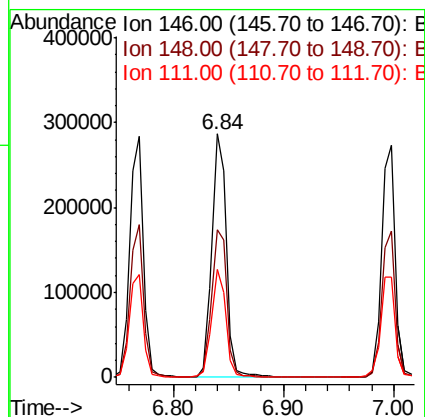
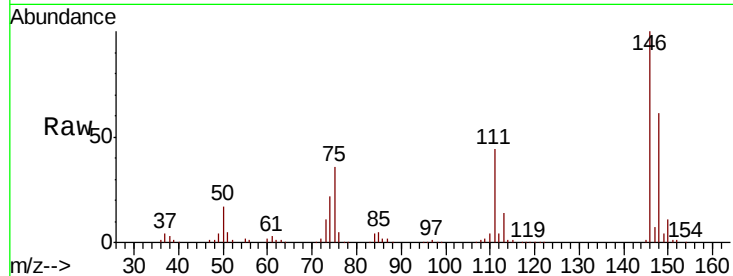
#13
 1,4-Dichlorobenzene
 Concen: 42.943 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.6	76.0
111	44.5	35.0	52.6

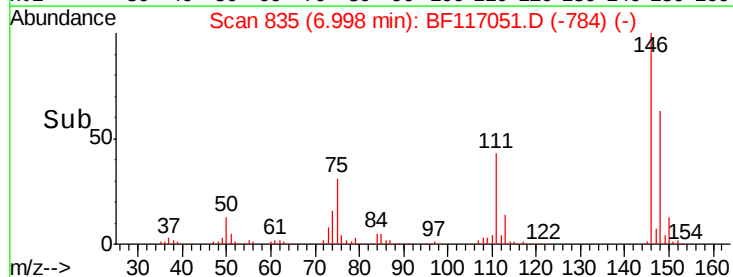
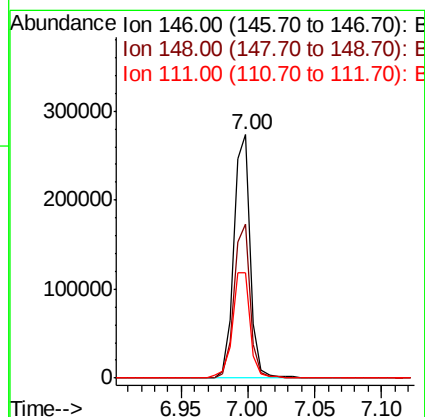
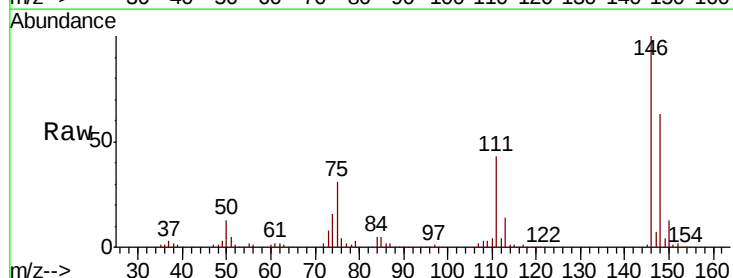
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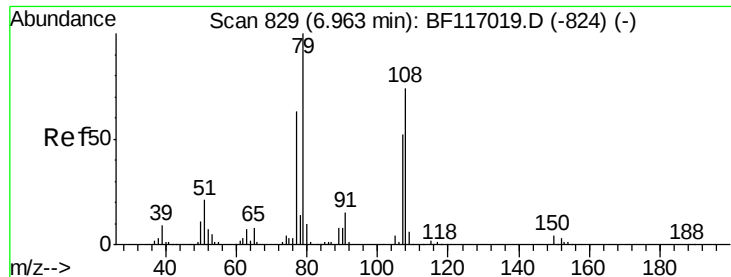
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#14
 1,2-Dichlorobenzene
 Concen: 42.990 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.6	78.8
111	43.1	36.2	54.2





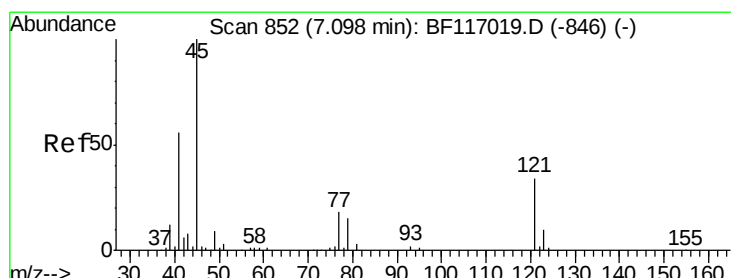
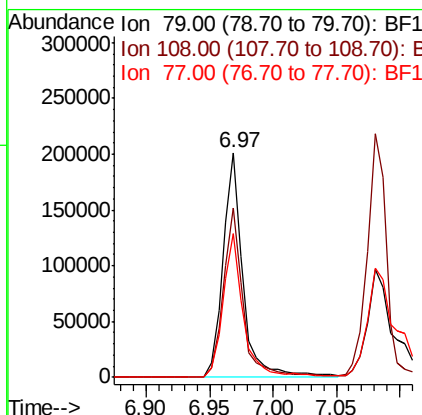
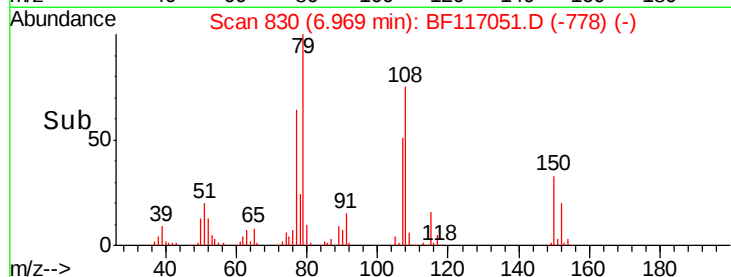
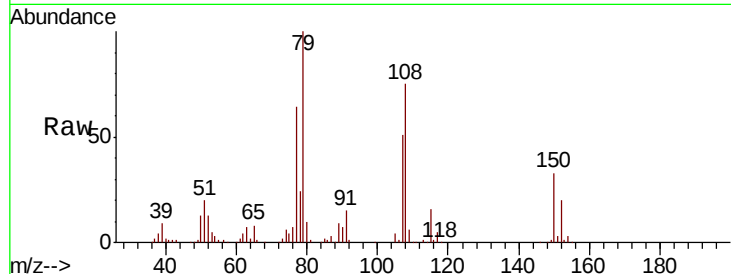
#15
Benzyl Alcohol
Concen: 46.037 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	59.4	89.0
77	64.0	50.2	75.2

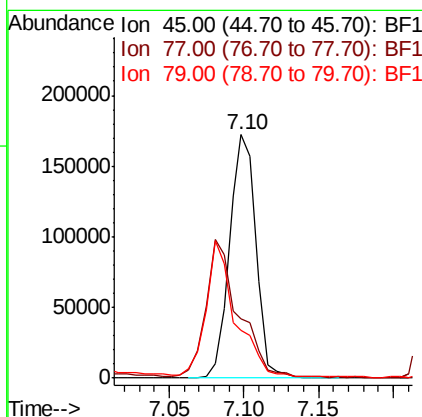
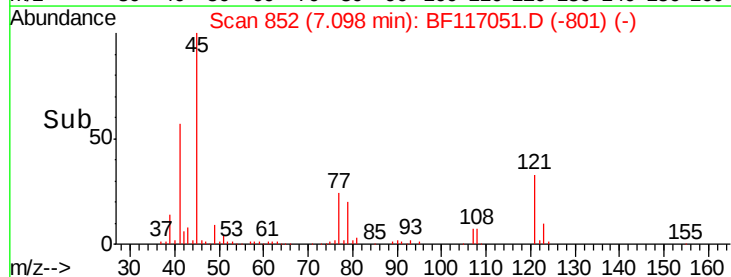
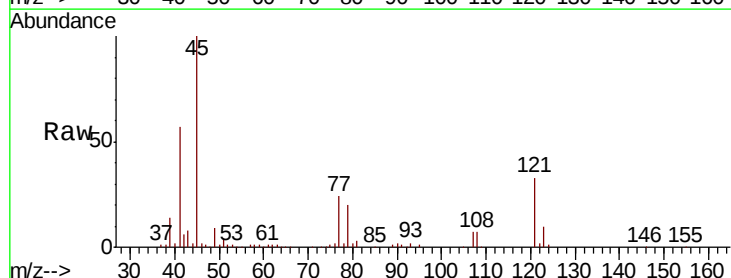
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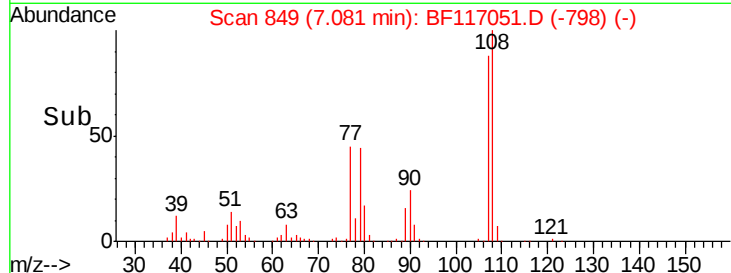
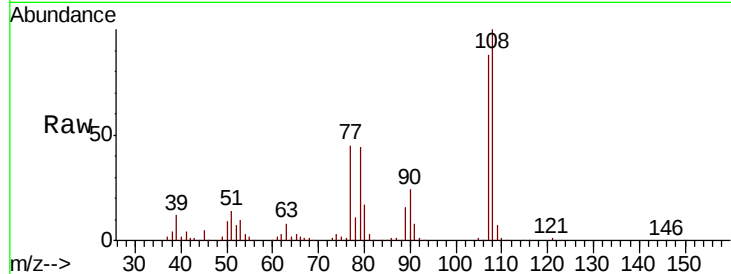
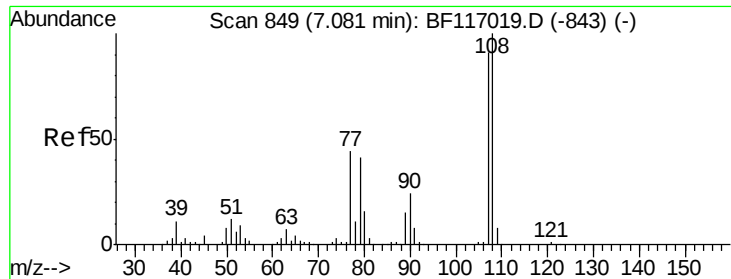
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.860 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.5	2.7	42.7
79	19.6	0.0	38.9





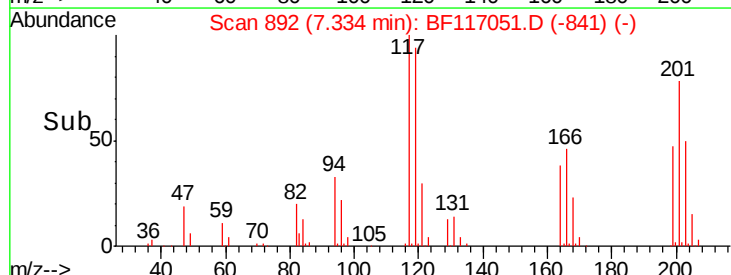
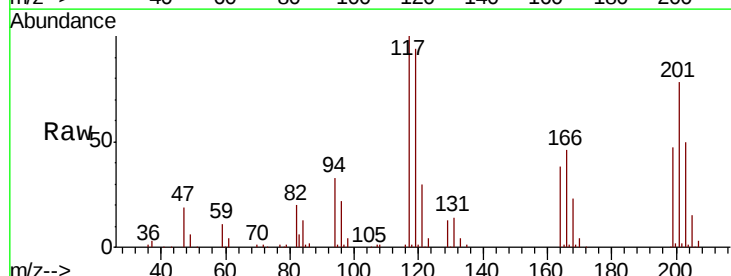
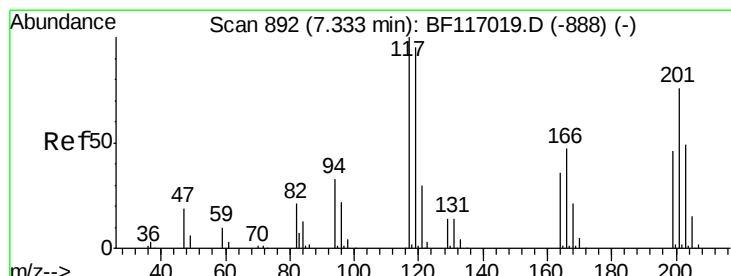
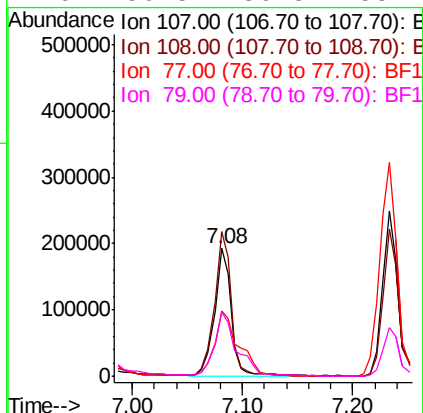
#17
2-Methylphenol
Concen: 45.872 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	87.7	131.5	
77	51.2	38.6	58.0	
79	50.5	36.8	55.2	

Instrument :
BNA_F
ClientSampled :
PB123079BS

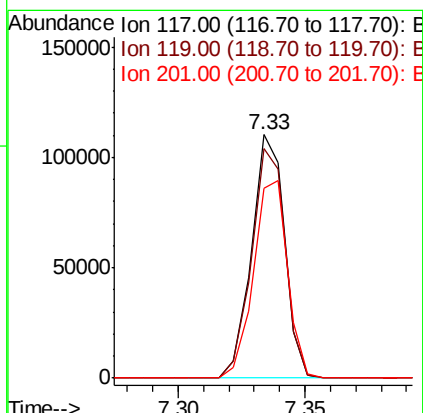
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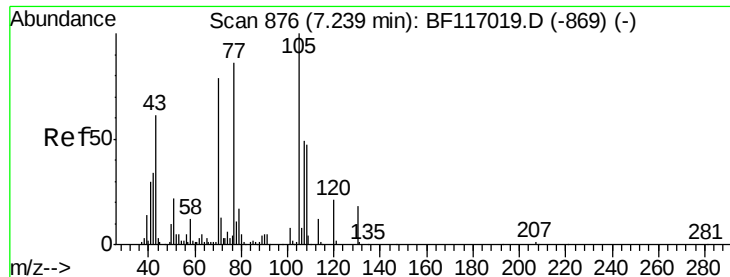
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#18
Hexachloroethane
Concen: 43.728 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	75.8	113.8	
201	78.1	60.9	91.3	





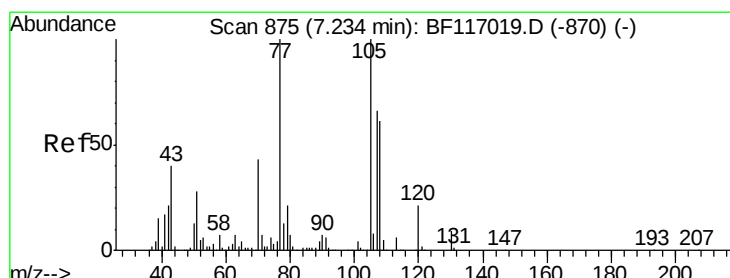
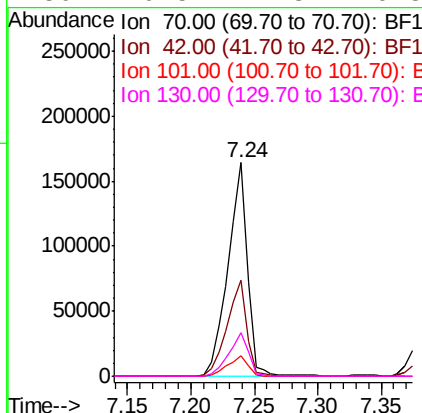
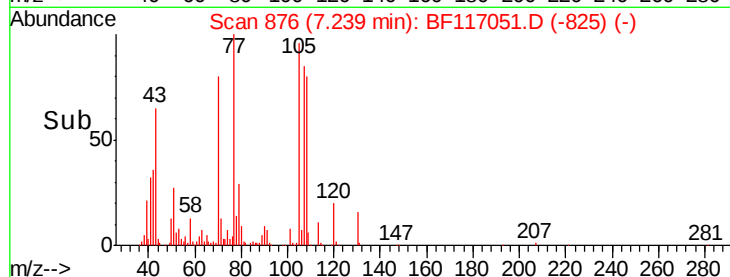
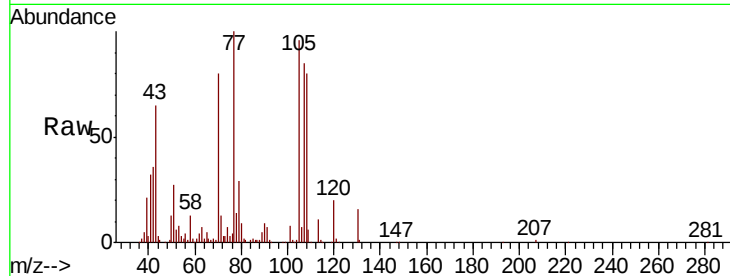
#19
n-Nitroso-di-n-propylamine
Concen: 45.940 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	44.9	34.0	51.0	
101	9.5	7.8	11.6	
130	20.5	17.8	26.8	

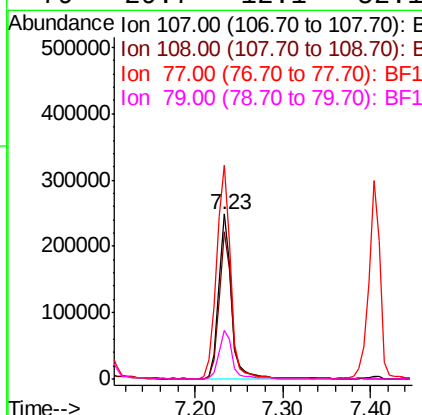
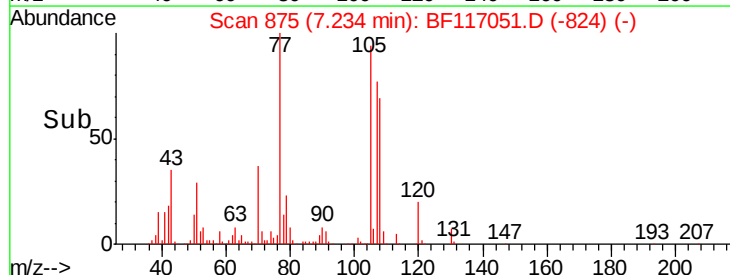
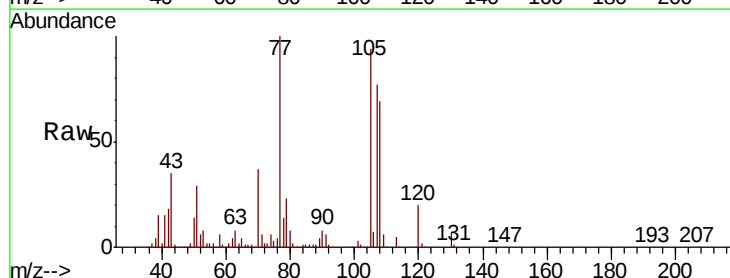
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#20
3+4-Methylphenols
Concen: 46.260 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.7	72.6	112.6	
77	129.8	132.1	172.1	
79	29.7	12.1	52.1	





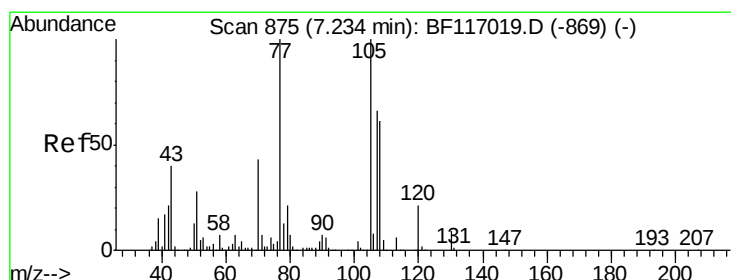
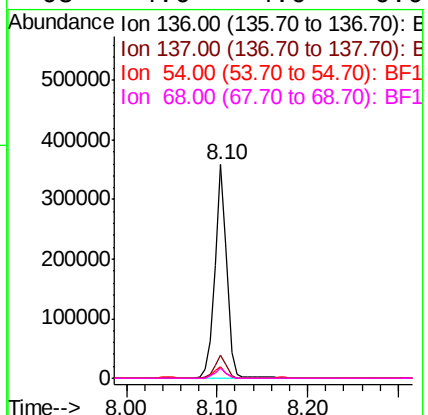
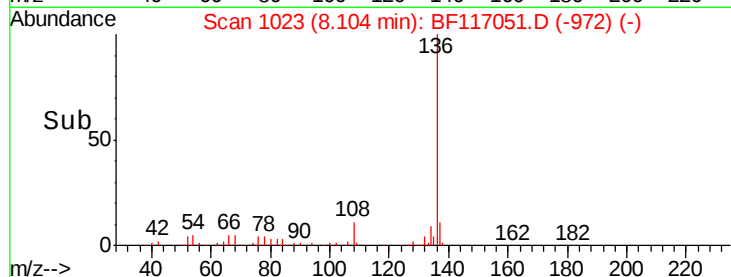
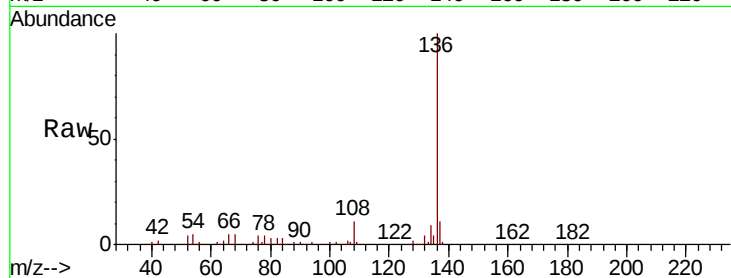
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	323219		
137	10.7		9.0	13.4
54	5.5		4.5	6.7
68	4.6		4.0	6.0

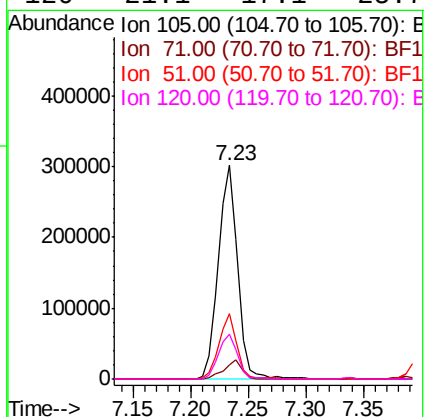
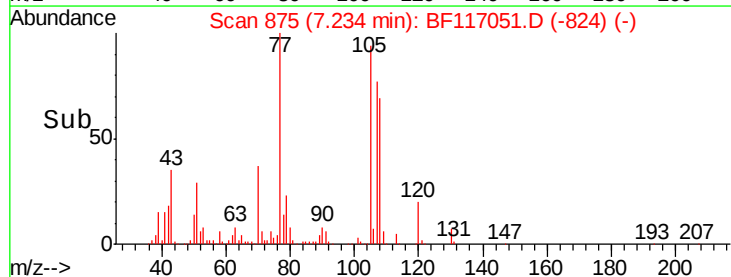
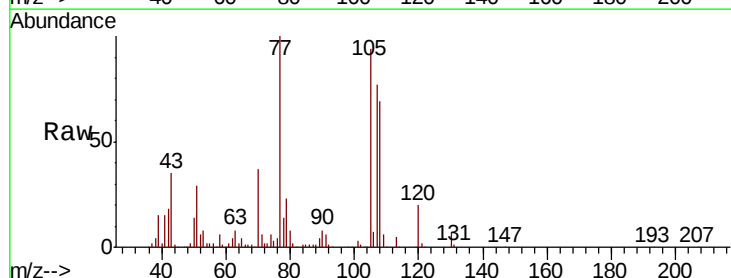
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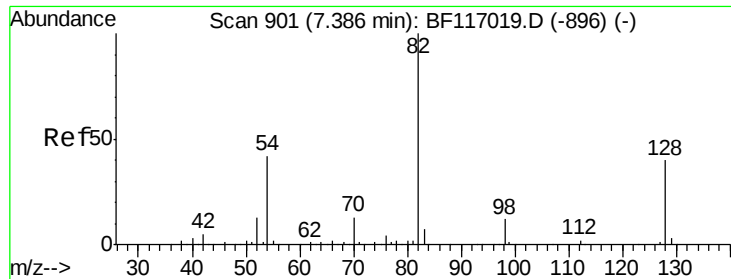
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#22
Acetophenone
Concen: 42.703 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	350676		
71	6.6		5.7	8.5
51	30.7		22.1	33.1
120	21.1		17.1	25.7





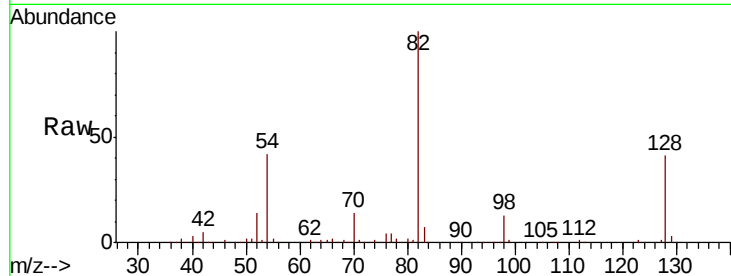
#23
 Nitrobenzene-d5
 Concen: 70.206 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampled :
 PB123079BS

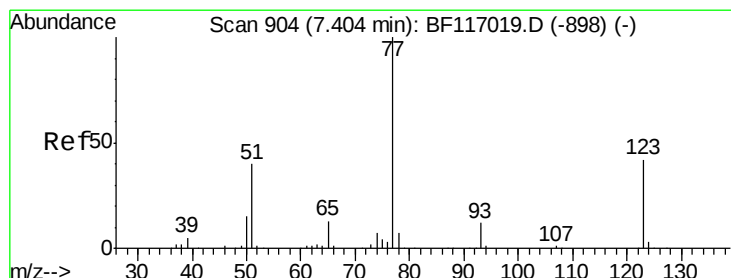
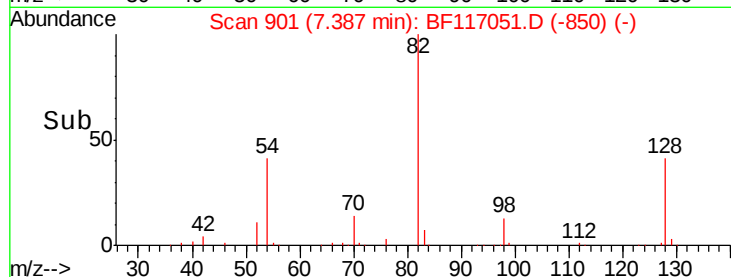
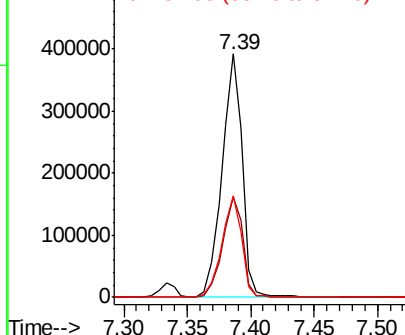
Tot Ion	Ratio	Resp	Lower	Upper
82	100	431877		
128	41.0	32.3	48.5	
54	41.8	33.3	49.9	

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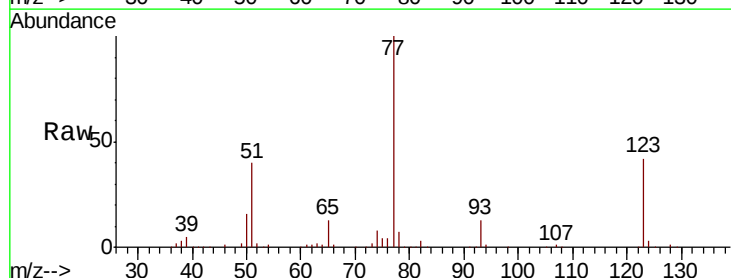


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

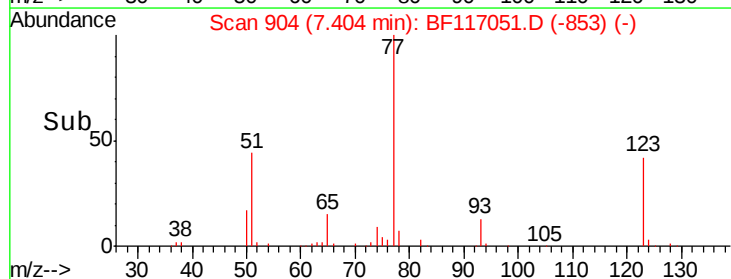
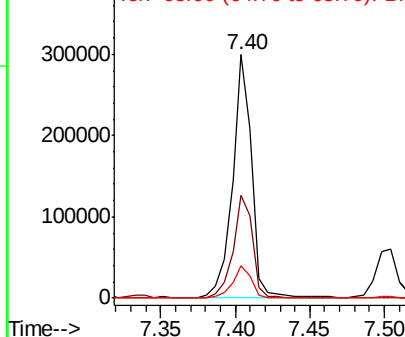


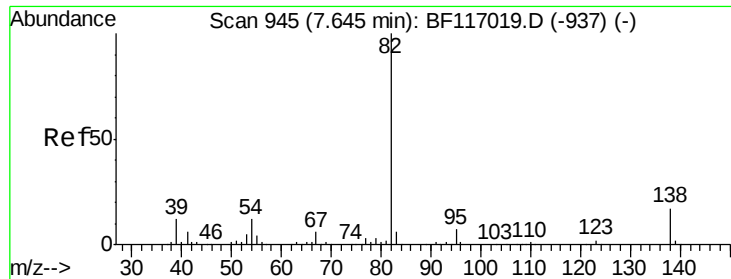
#24
 Nitrobenzene
 Concen: 43.691 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	265421		
123	42.3	33.5	50.3	
65	13.2	10.5	15.7	



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





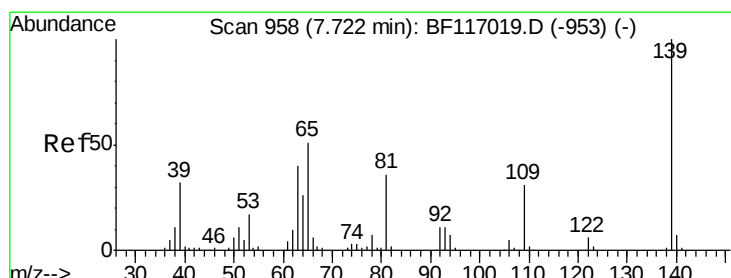
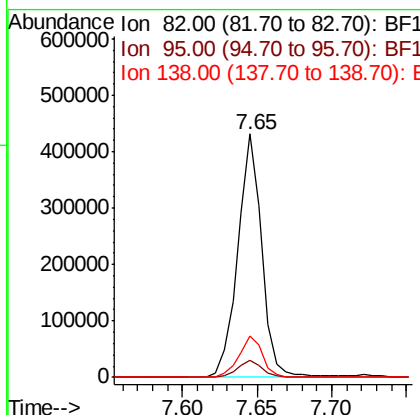
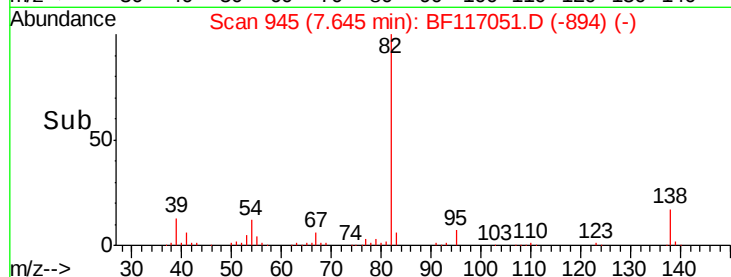
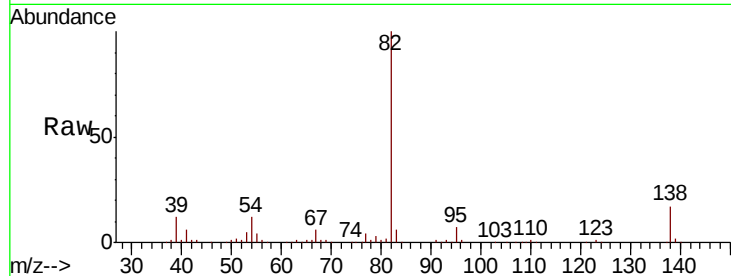
#25
Isophorone
Concen: 44.323 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	482766		
95	7.2		5.8	8.6
138	16.8		13.5	20.3

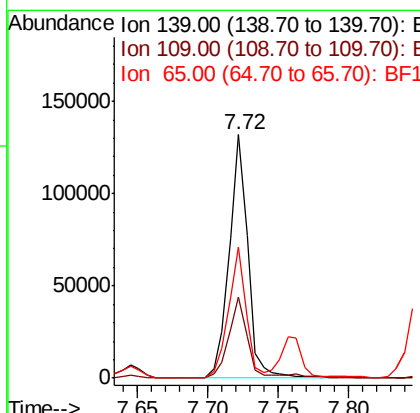
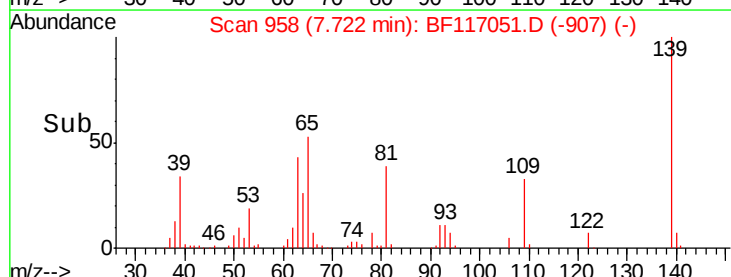
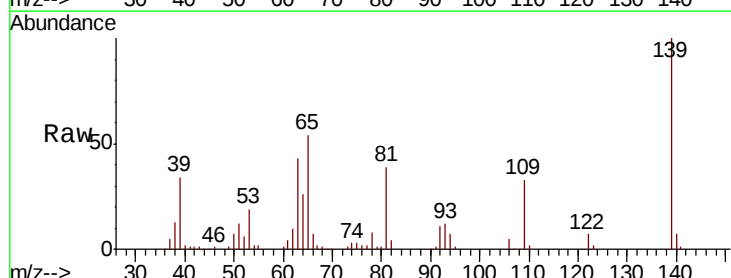
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#26
2-Nitrophenol
Concen: 46.998 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	122637		
109	33.5		24.6	36.8
65	54.0		40.9	61.3





#27

2,4-Dimethylphenol

Concen: 49.795 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

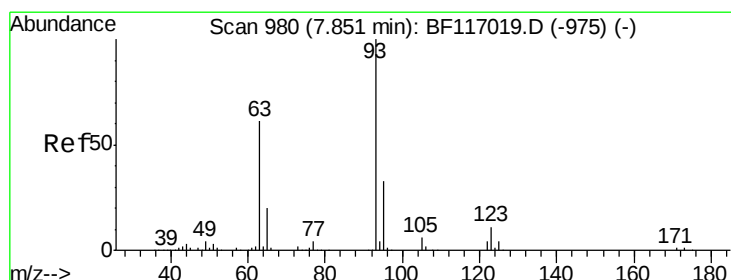
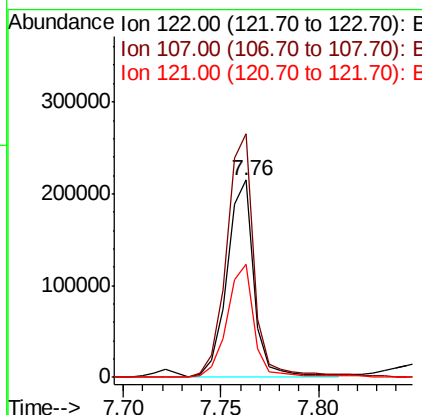
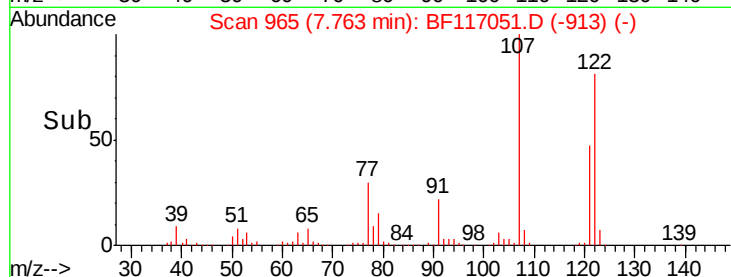
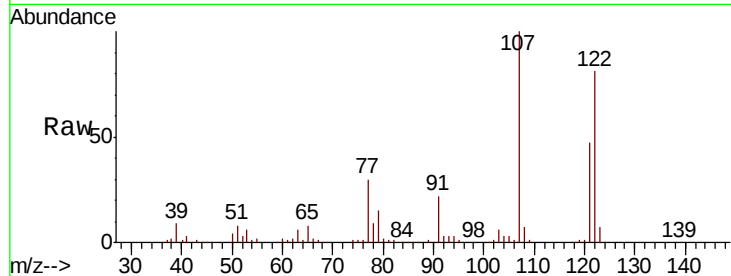
ClientSampleId :

PB123079BS

Tot Ion:	122	Resp:	206051
Ion Ratio	Lower	Upper	
122	100		
107	123.3	98.9	148.3
121	57.4	45.3	67.9

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#28

bis(2-Chloroethoxy)methane

Concen: 42.898 ng

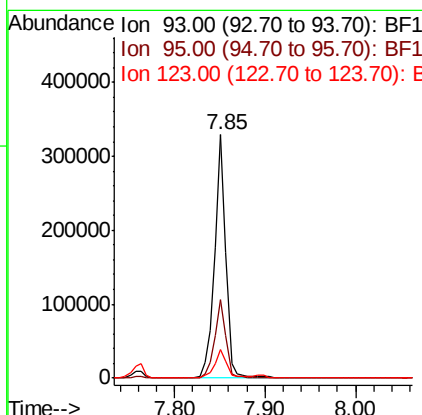
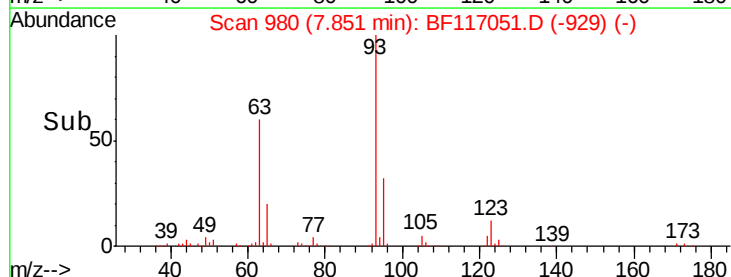
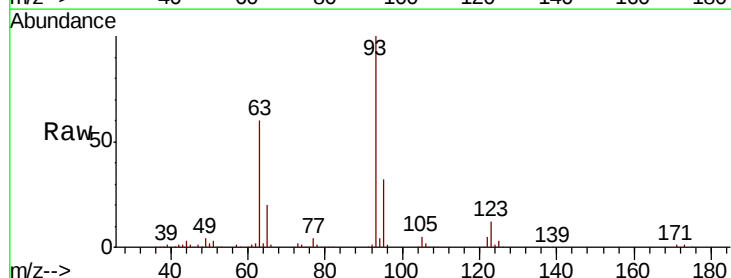
RT: 7.85 min Scan# 980

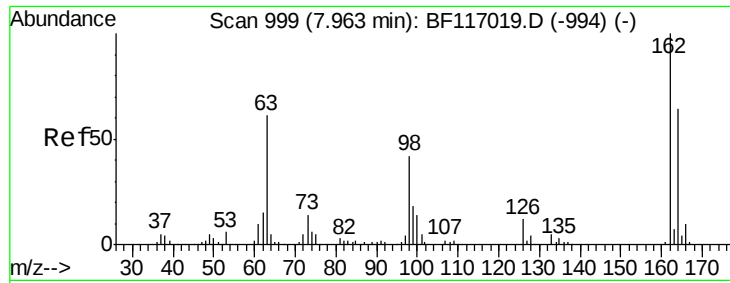
Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion:	93	Resp:	287873
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.2	39.4
123	11.7	9.0	13.6





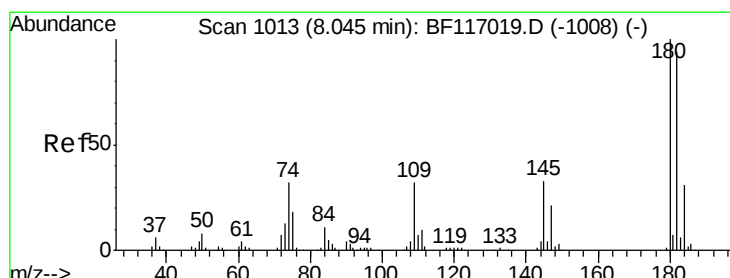
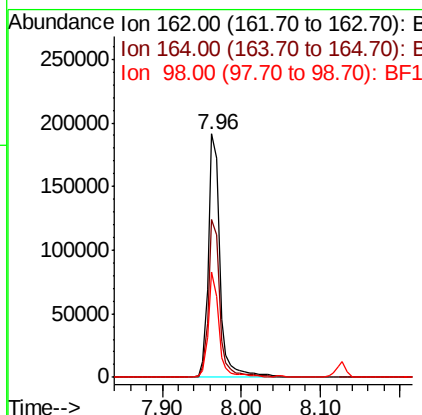
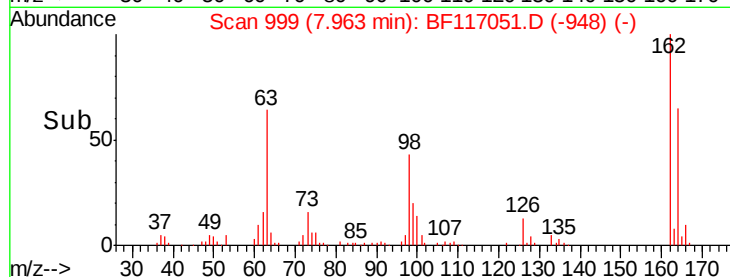
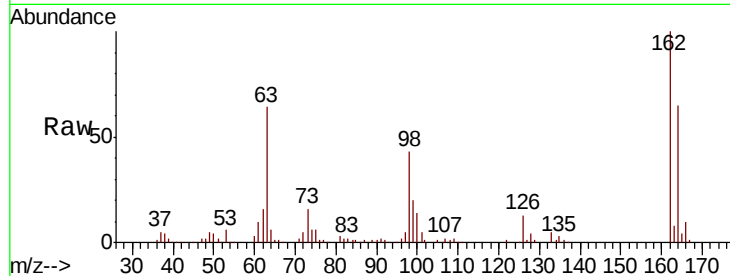
#29
2,4-Dichlorophenol
Concen: 45.359 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	196670		
164	64.9	43.8	83.8	
98	43.3	22.1	62.1	

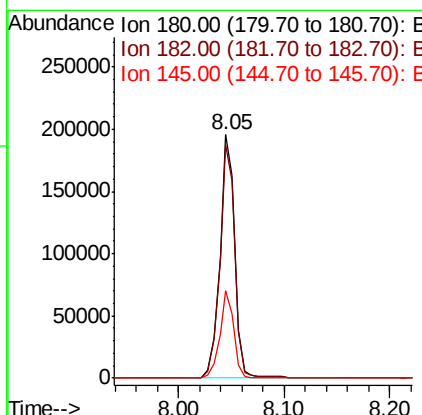
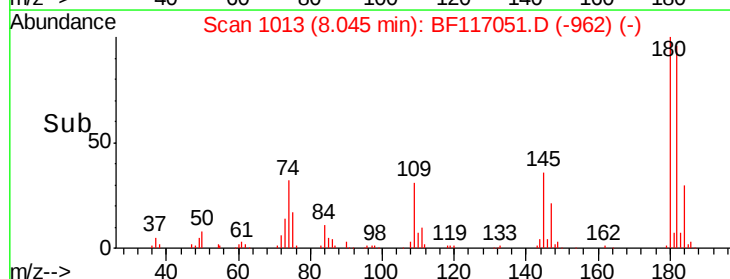
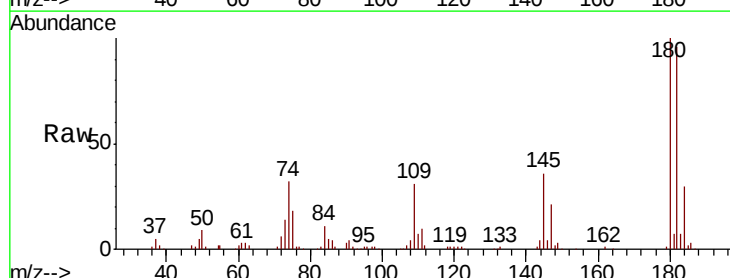
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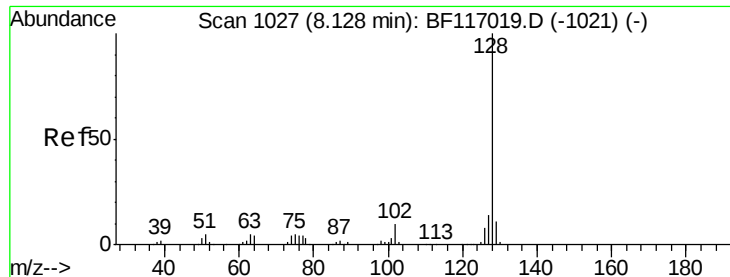
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.483 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194321		
182	95.8	75.4	113.0	
145	35.9	26.7	40.1	





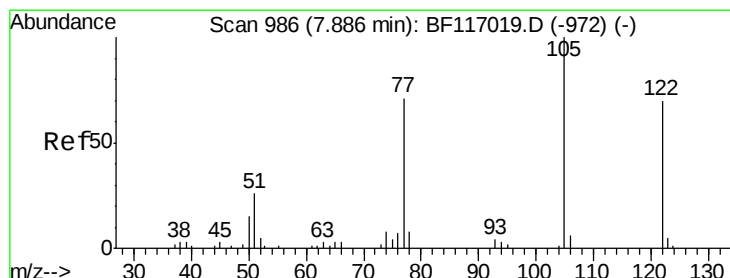
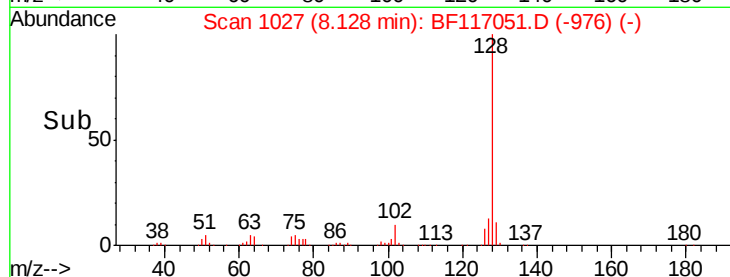
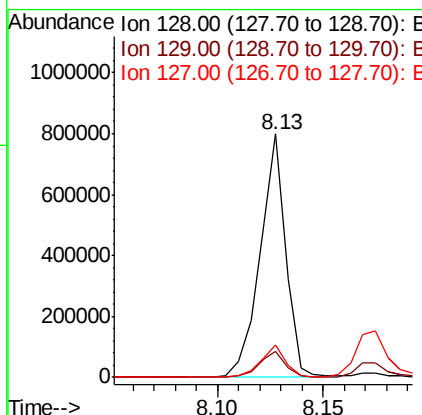
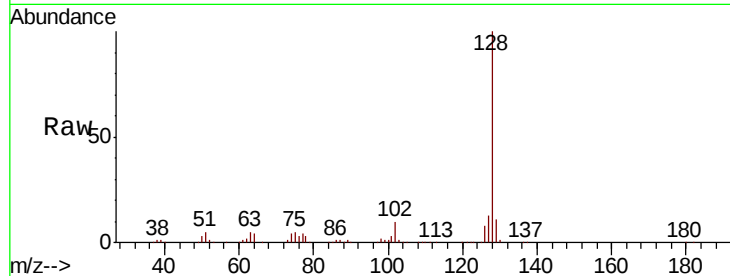
#31
Naphthalene
Concen: 43.720 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	679623		
129	10.9		9.0	13.4
127	13.1		10.8	16.2

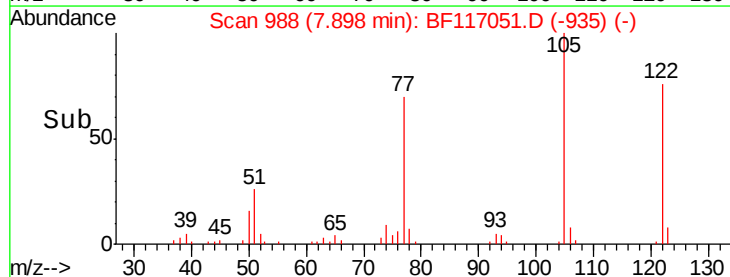
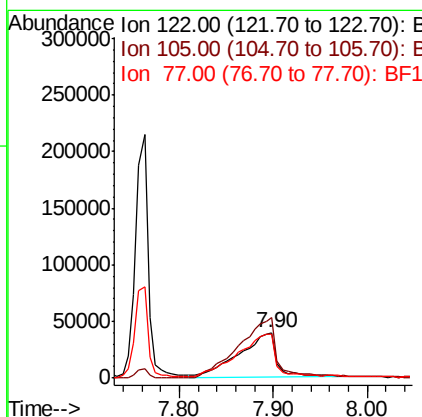
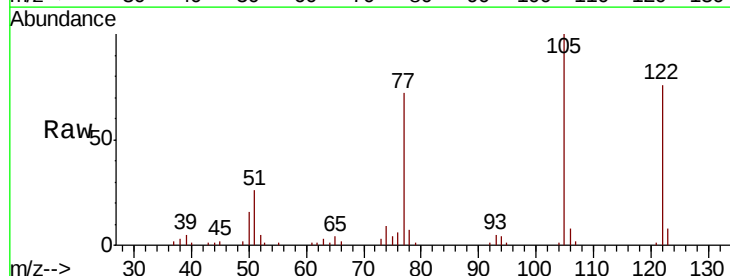
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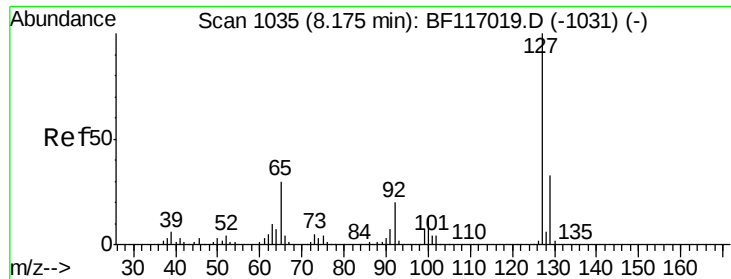
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#32
Benzoic acid
Concen: 36.860 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	109627		
105	132.2		114.8	154.8
77	95.9		78.7	118.7





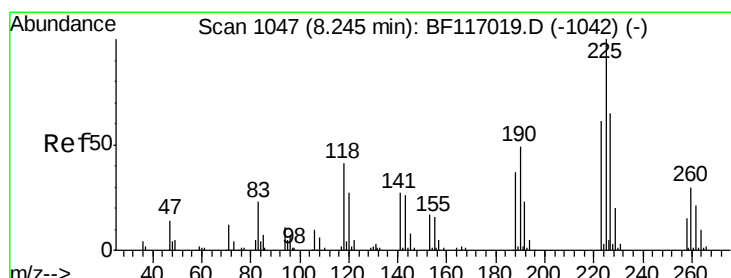
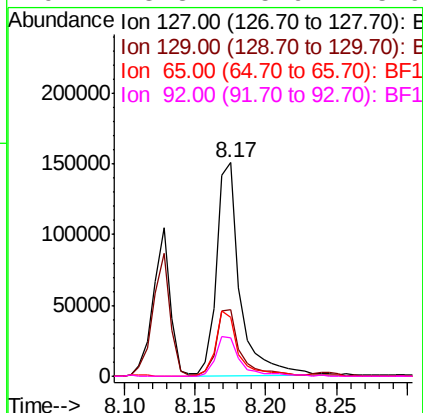
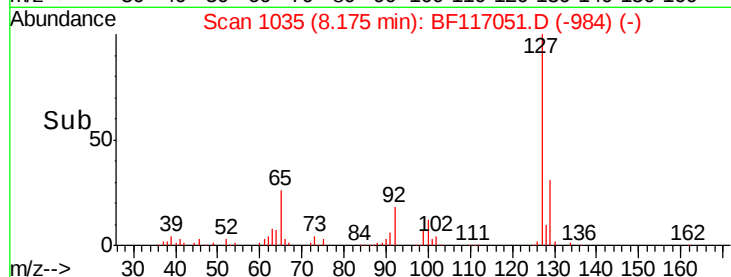
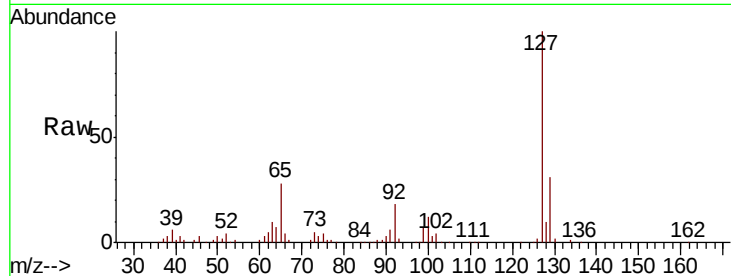
#33
4-Chloroaniline
Concen: 25.150 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		173397		
129	31.4	26.2	39.2		
65	27.7	23.5	35.3		
92	18.3	15.9	23.9		

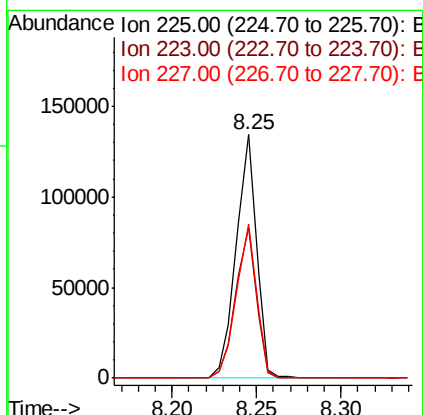
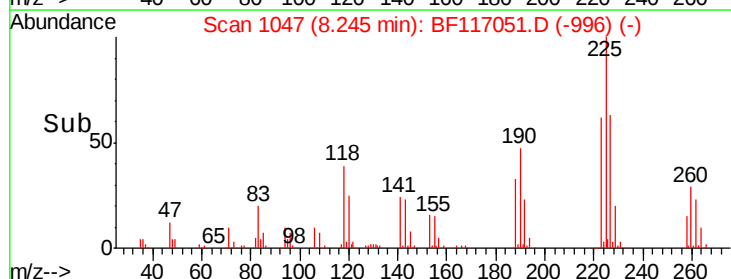
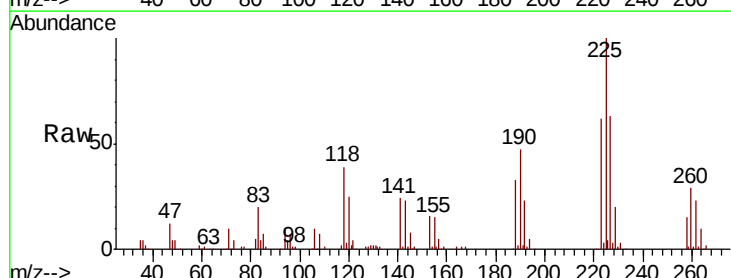
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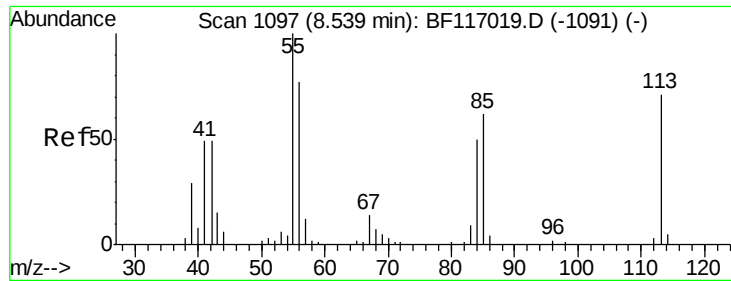
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#34
Hexachlorobutadiene
Concen: 42.413 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		112719		
223	61.9	49.1	73.7		
227	63.0	52.2	78.2		





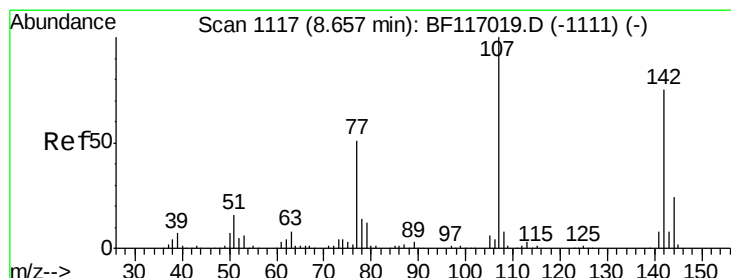
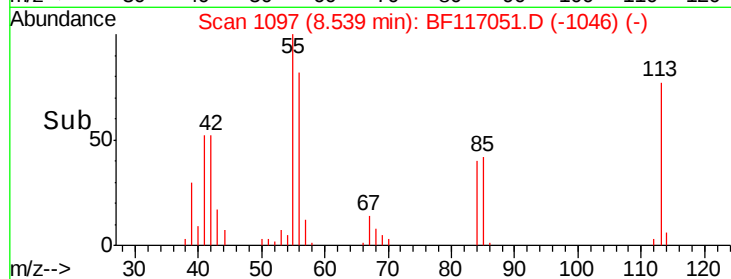
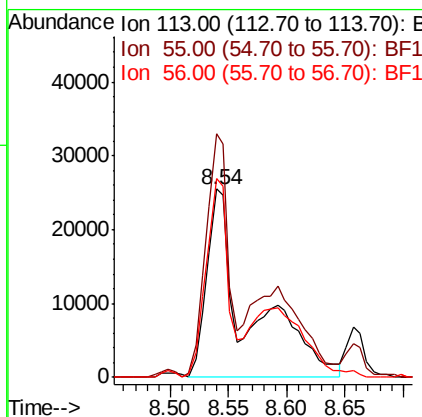
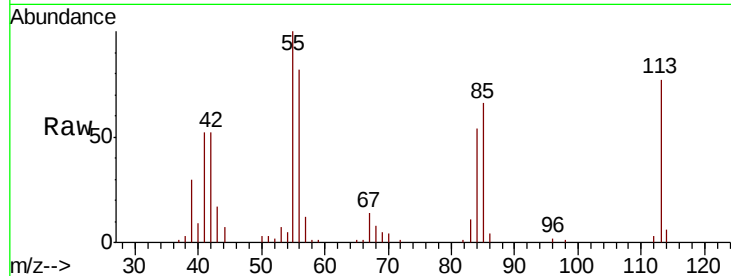
#35
 Caprolactam
 Concen: 43.023 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	129.4	120.6	160.6
56	105.5	88.8	128.8

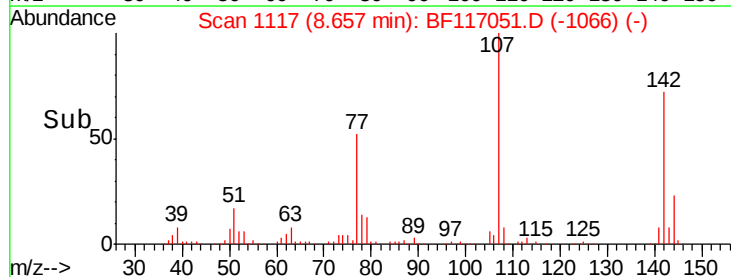
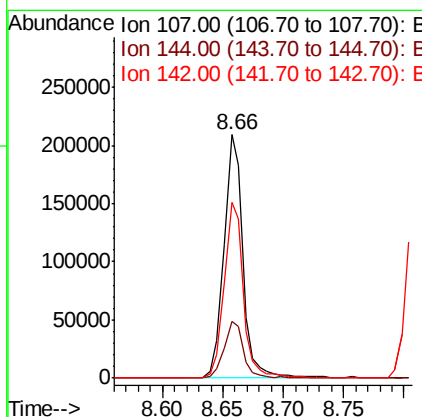
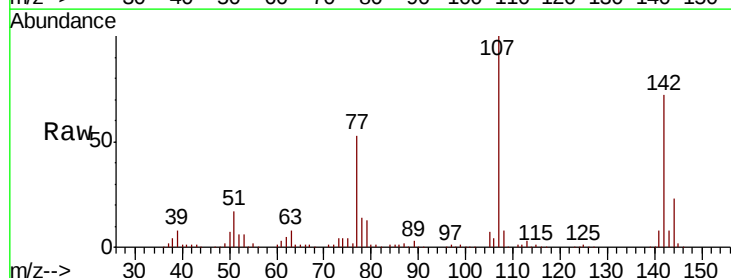
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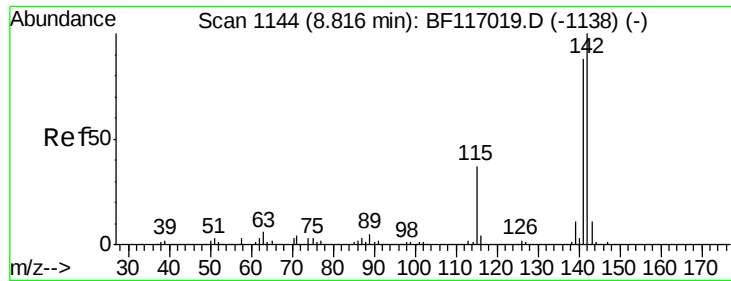
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#36
 4-Chloro-3-methylphenol
 Concen: 45.063 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.2	28.8
142	72.4	59.6	89.4





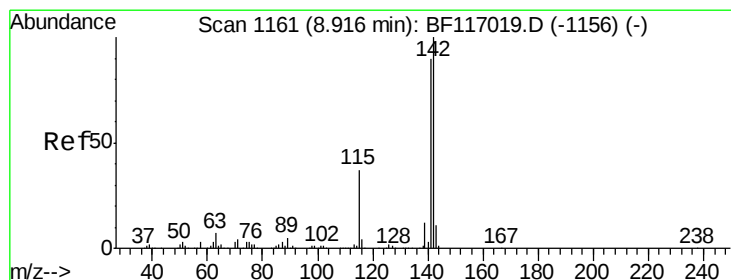
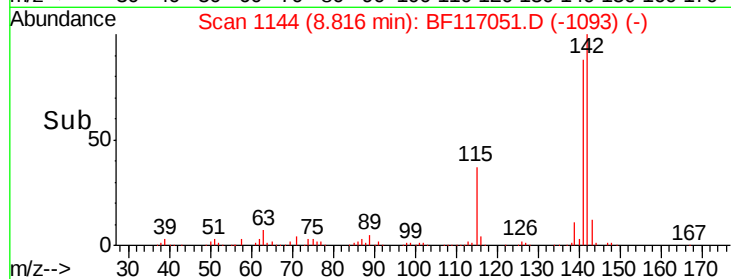
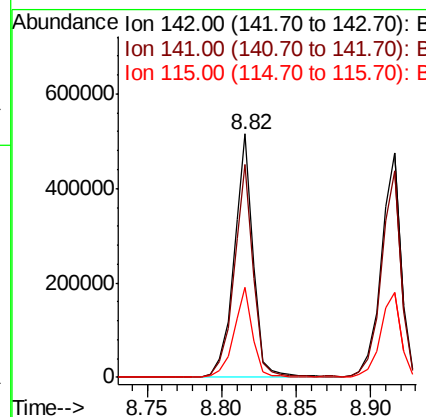
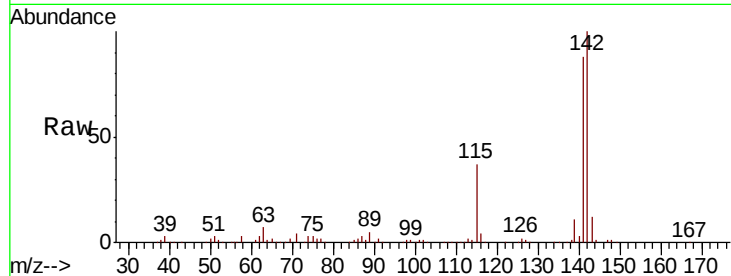
#37
2-Methylnaphthalene
Concen: 44.317 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.7	106.1
115	36.9	29.4	44.0

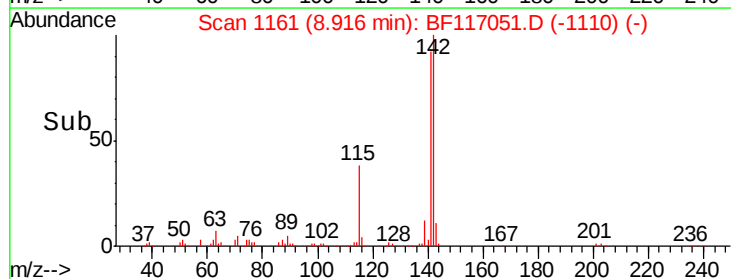
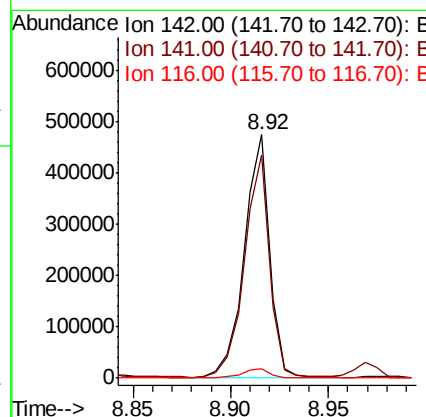
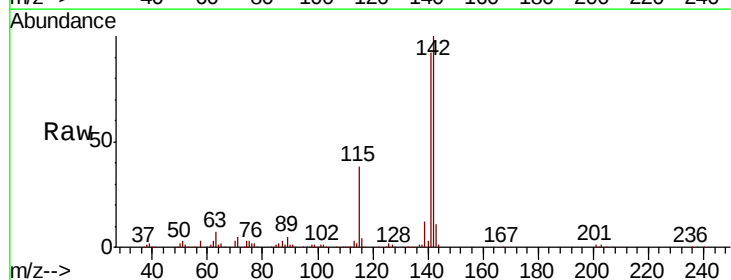
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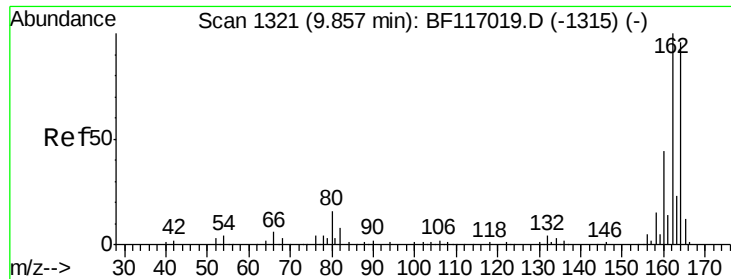
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#38
1-Methylnaphthalene
Concen: 43.362 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
116	4.0	3.2	4.8





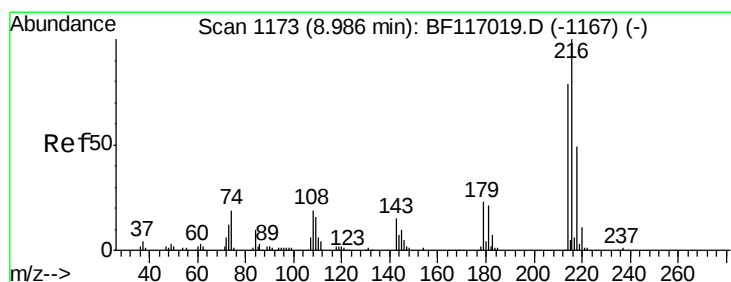
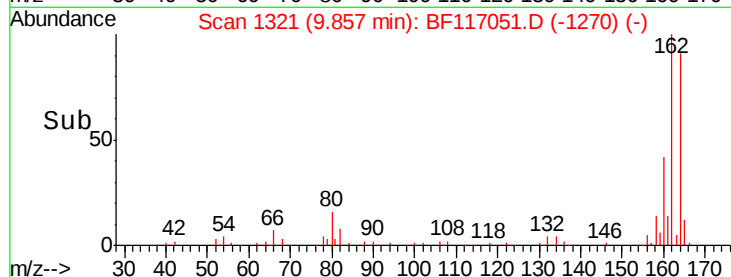
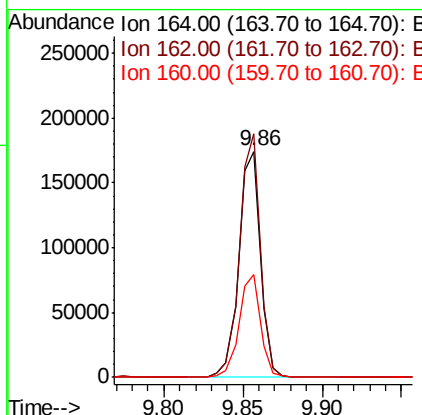
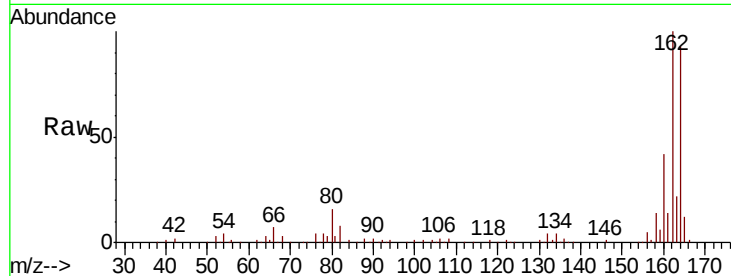
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.7	83.4	125.2
160	45.5	36.4	54.6

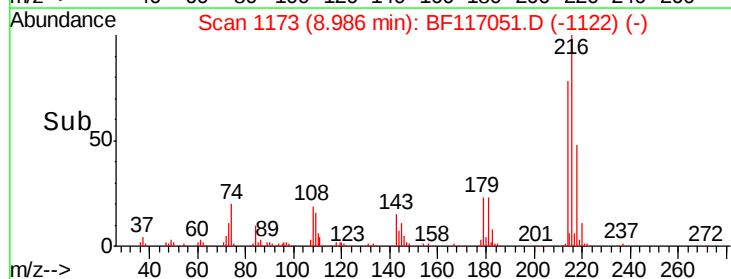
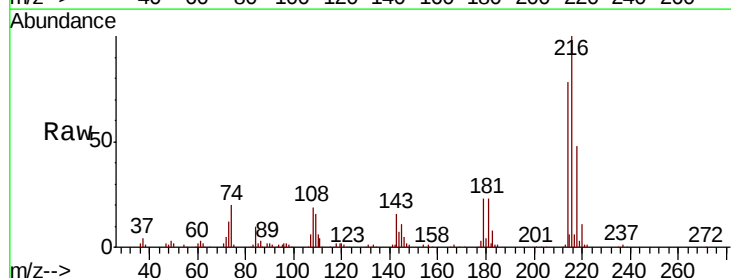
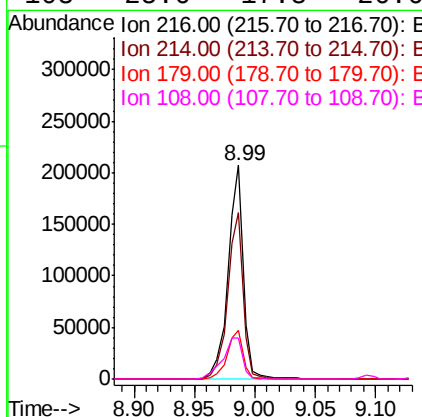
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.551 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.6	95.4
179	23.8	18.3	27.5
108	25.6	17.8	26.6





#41

Hexachlorocyclopentadiene

Concen: 88.368 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

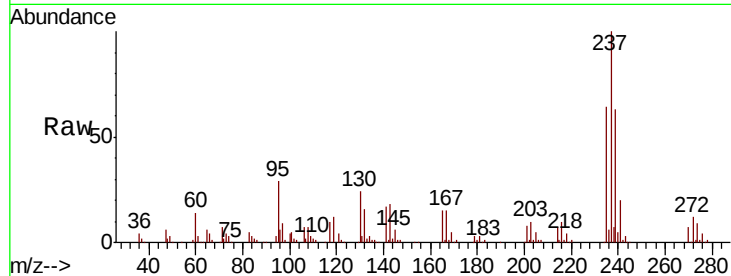
ClientSampleId :

PB123079BS

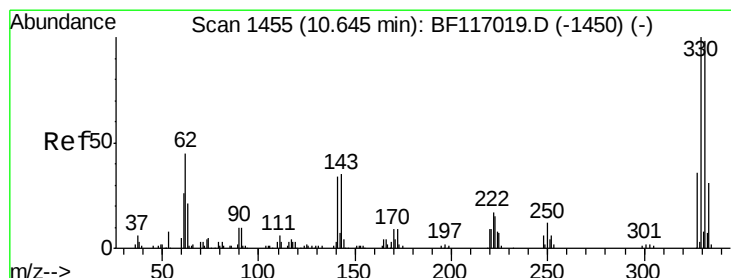
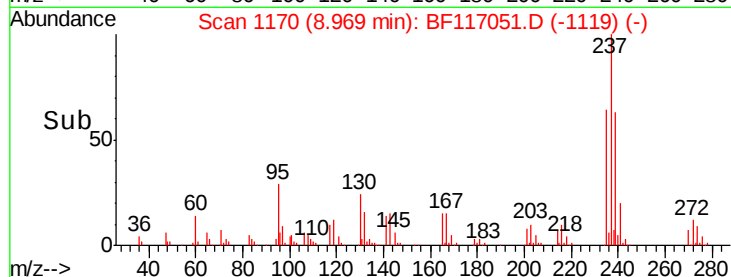
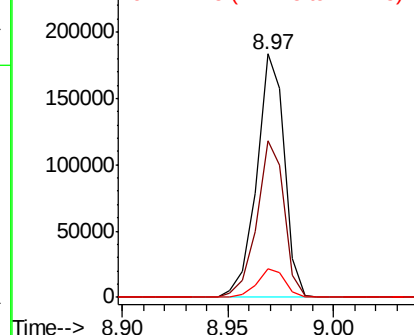
Tot Ion:	237	Resp:	167936
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.2	83.2
272	11.7	0.0	31.9

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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: 116.895 ng

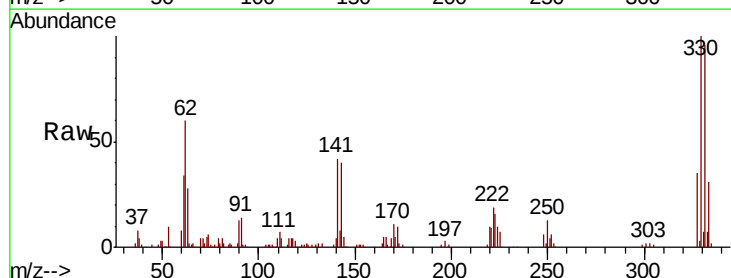
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

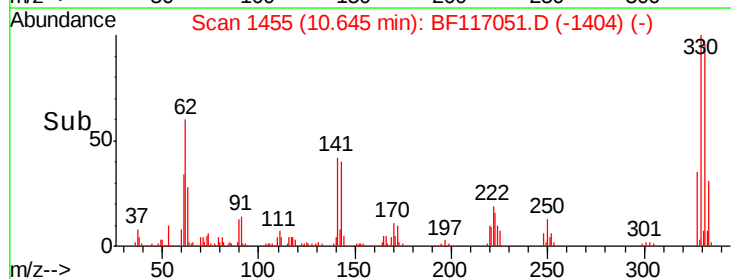
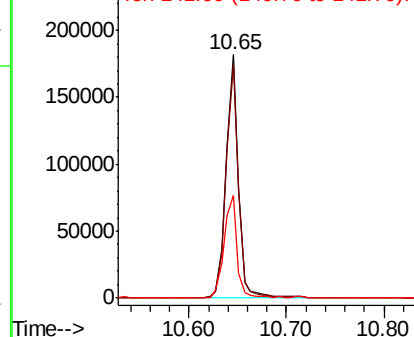
Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion:	330	Resp:	161002
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.0	117.0
141	44.0	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





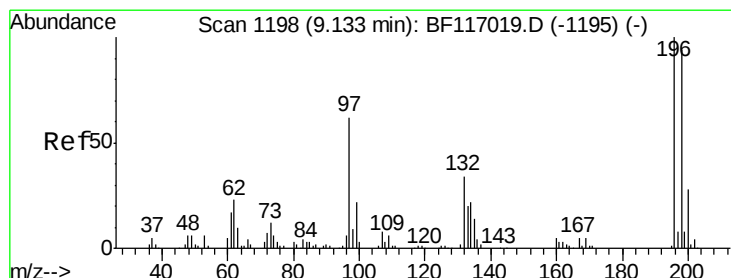
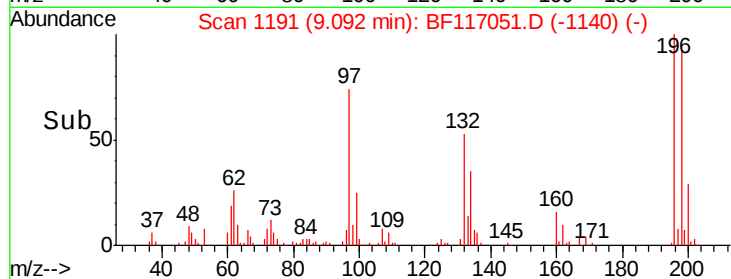
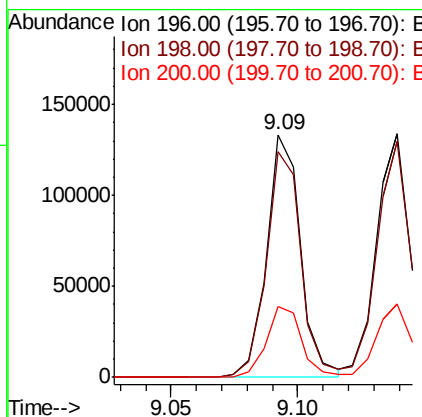
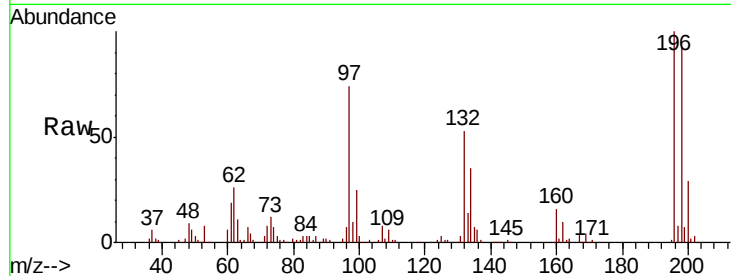
#43
 2,4,6-Trichlorophenol
 Concen: 43.332 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125139		
198	92.9	75.7	113.5	
200	29.3	23.3	34.9	

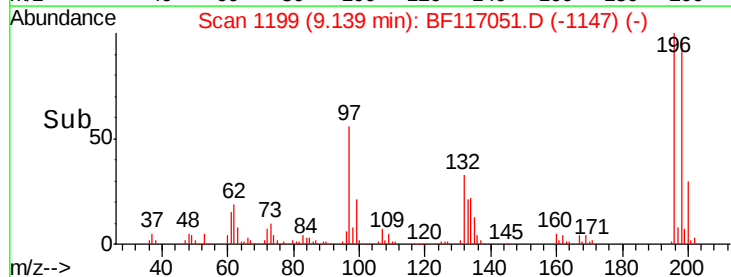
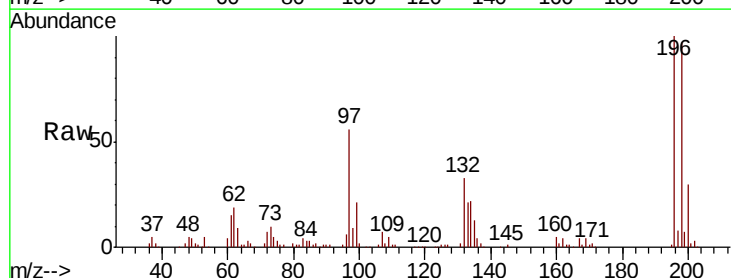
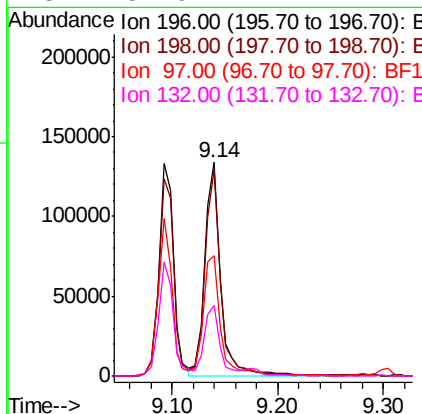
Manual Integrations
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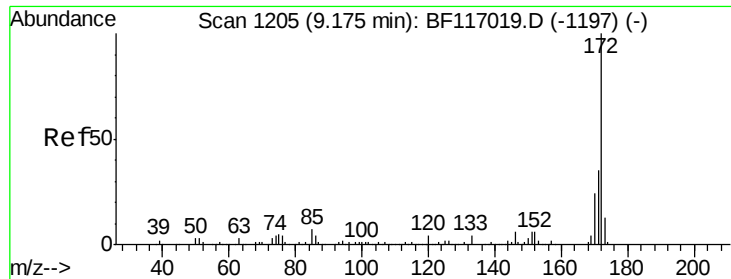
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.965 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138737		
198	96.7	74.6	112.0	
97	56.5	49.5	74.3	
132	32.9	27.4	41.2	





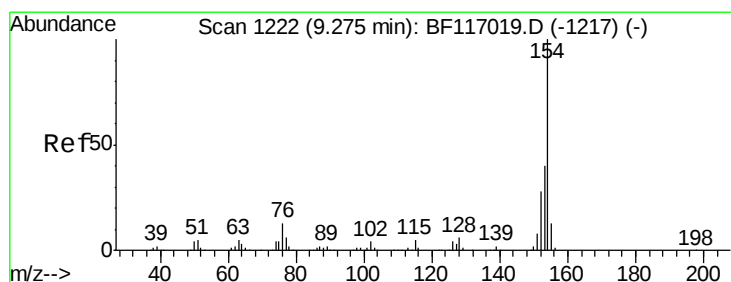
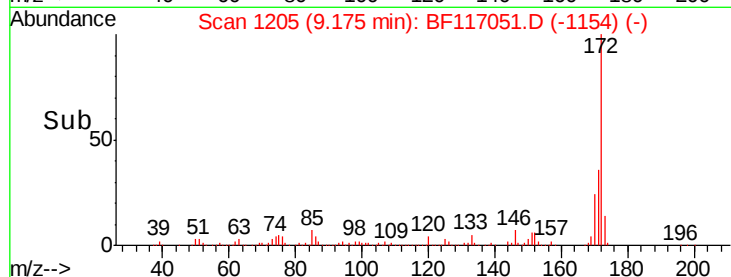
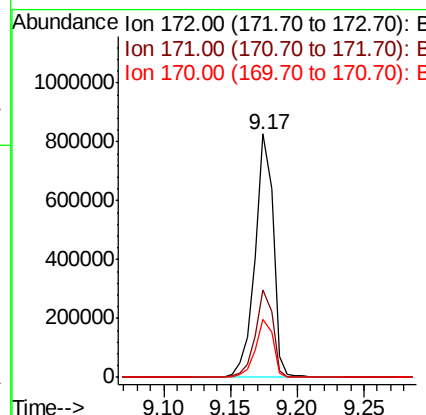
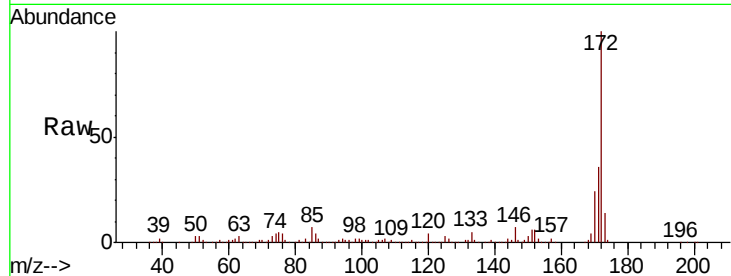
#45
2-Fluorobiphenyl
Concen: 72.650 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.6	18.9	28.3

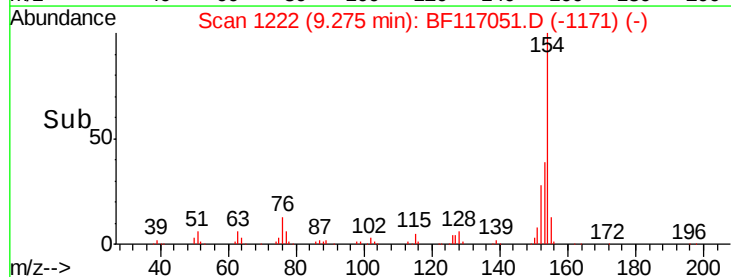
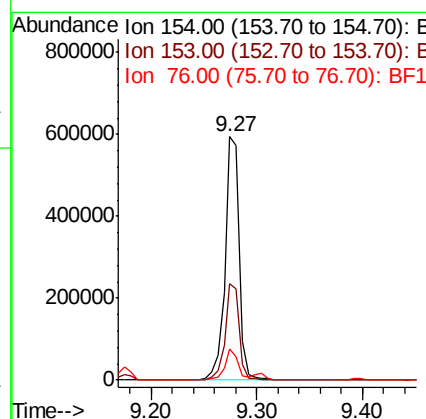
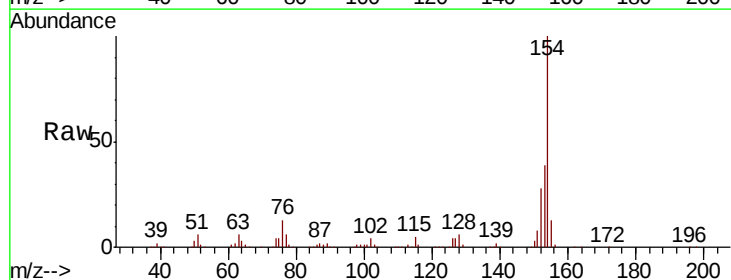
Manual Integrations
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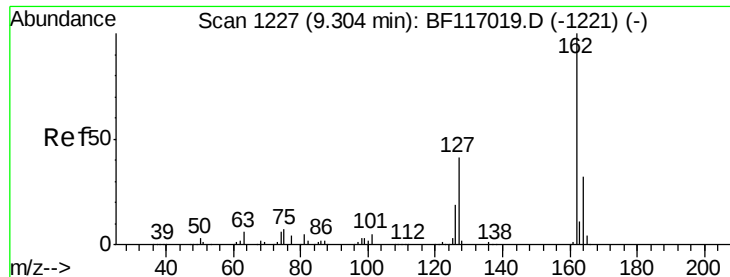
mohammad
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#46
1,1'-Biphenyl
Concen: 43.514 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	39.4	20.0	60.0
76	12.8	0.0	32.7





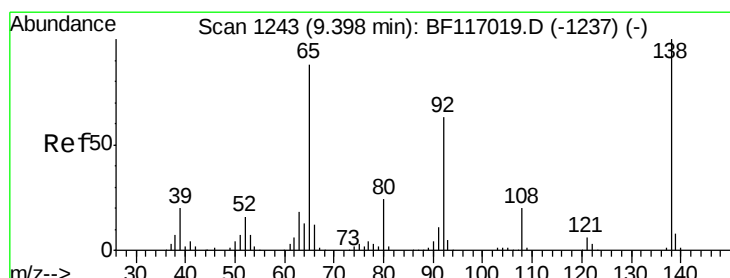
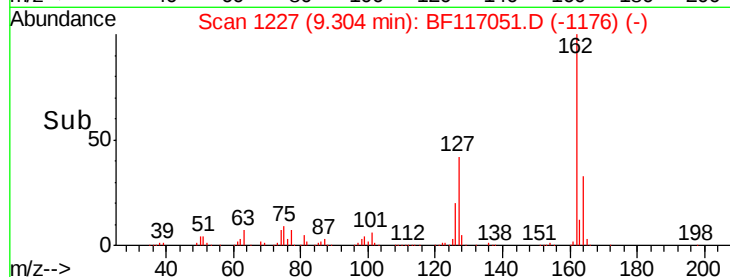
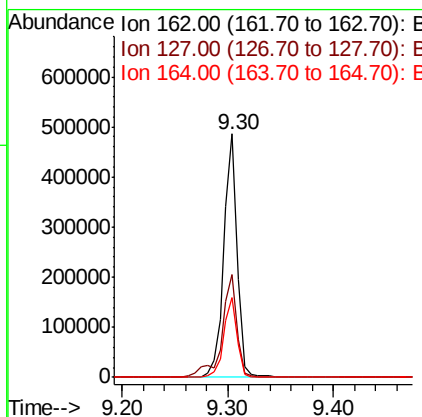
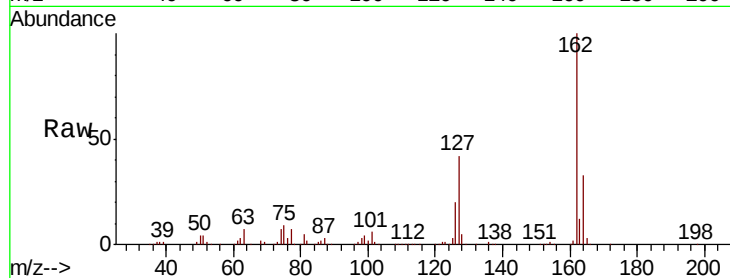
#47
2-Chloronaphthalene
Concen: 42.389 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.4	34.1	51.1	
164	33.0	25.9	38.9	

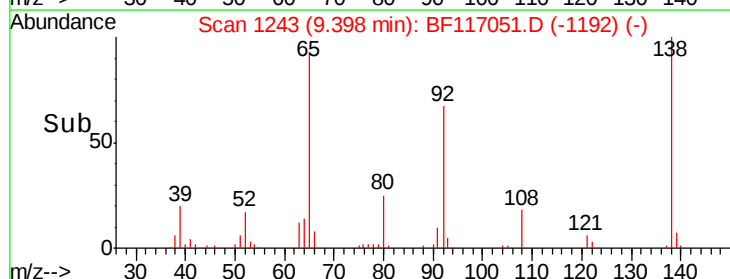
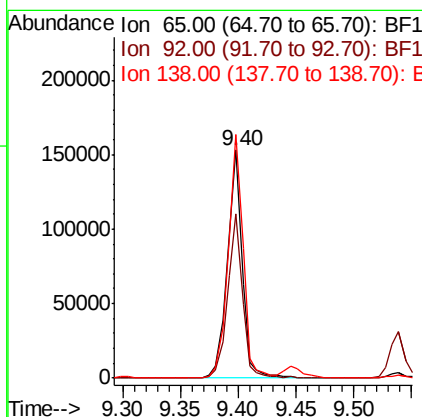
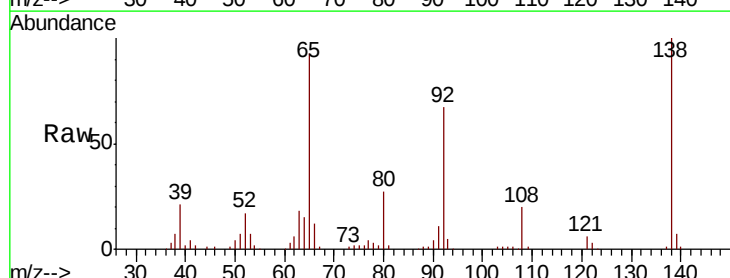
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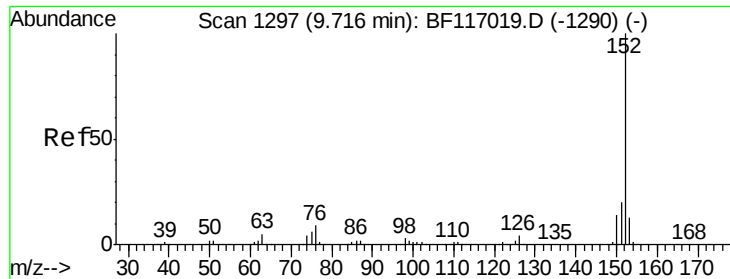
mohammad
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#48
2-Nitroaniline
Concen: 41.978 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.2	57.5	86.3	
138	107.0	90.6	136.0	





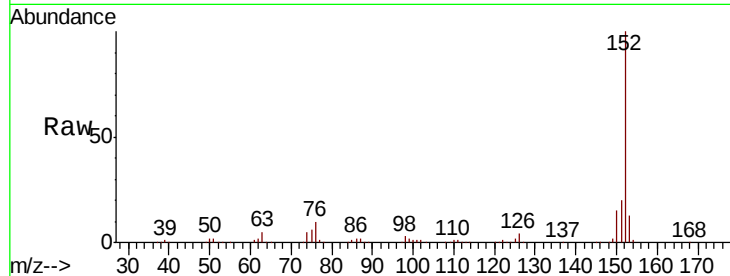
#49
Acenaphthylene
Concen: 44.444 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

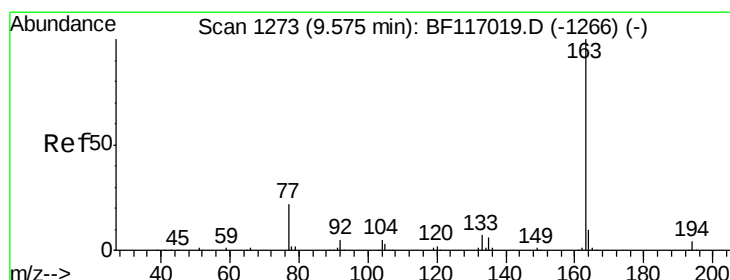
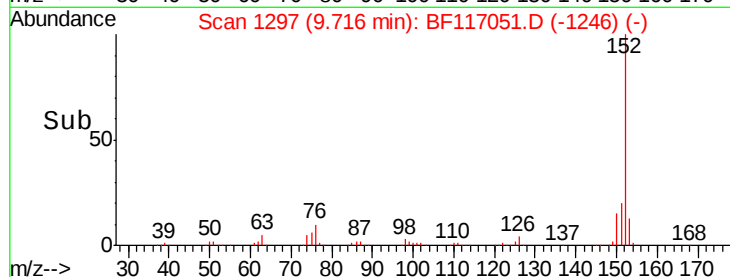
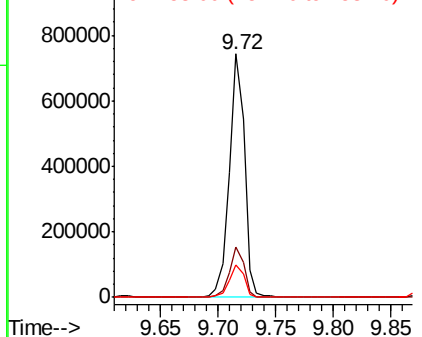
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		679235		
151	20.4	16.2	24.2		
153	13.3	10.2	15.4		

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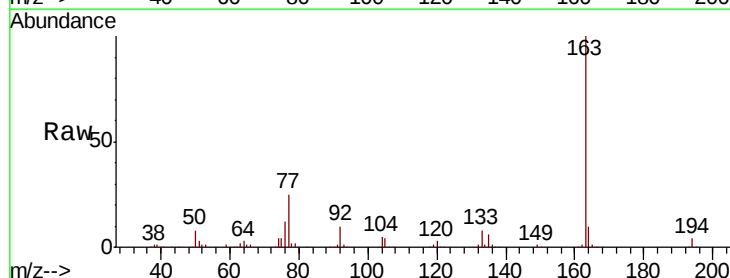


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

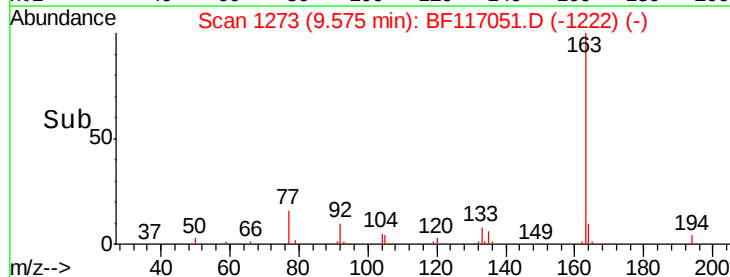
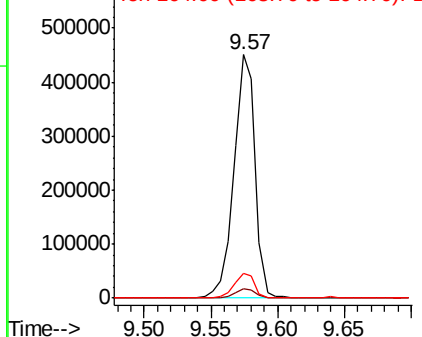


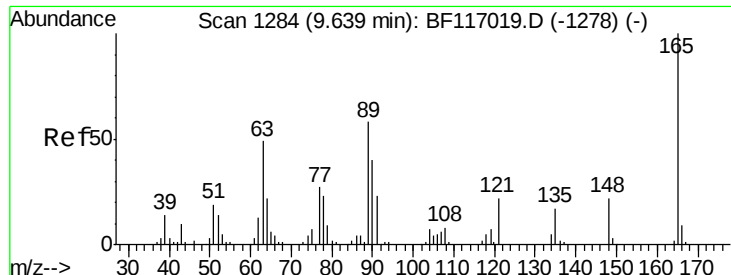
#50
Dimethylphthalate
Concen: 42.861 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		500116		
194	3.7	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: 47.019 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

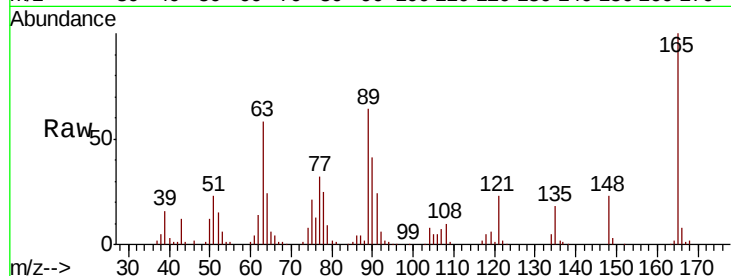
ClientSampleId :

PB123079BS

Tot Ion:	165	Resp:	111741
Ion Ratio	Lower	Upper	
165	100		
63	57.5	41.8	62.8
89	63.5	46.5	69.7

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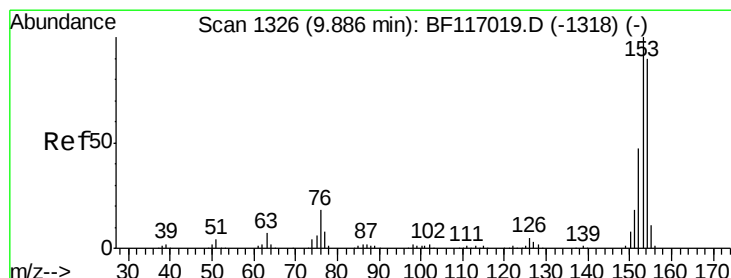
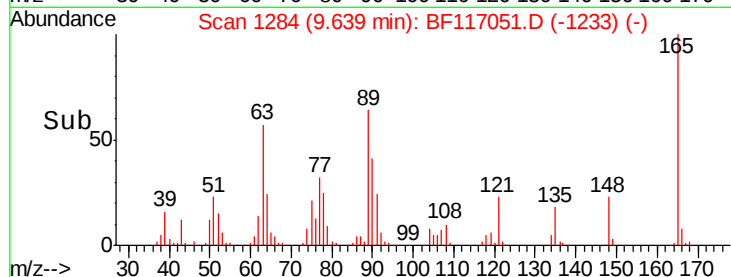
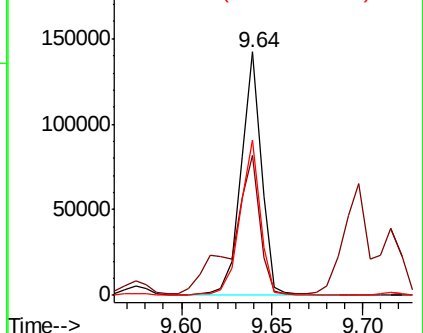
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.872 ng

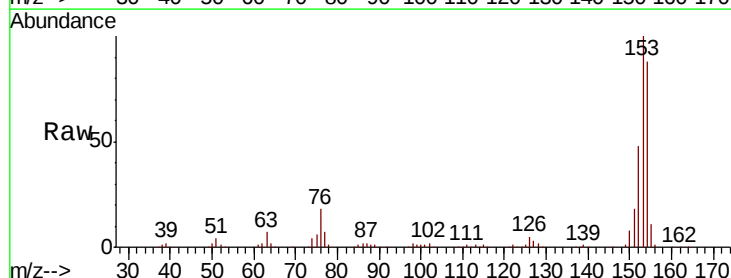
RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

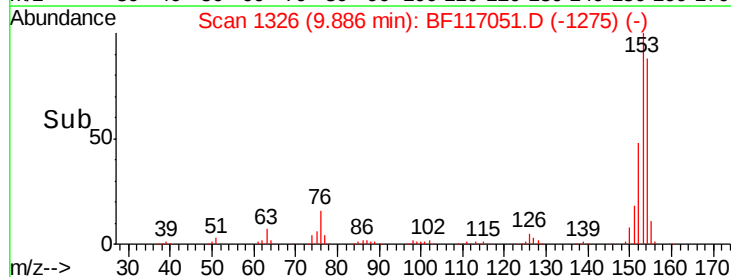
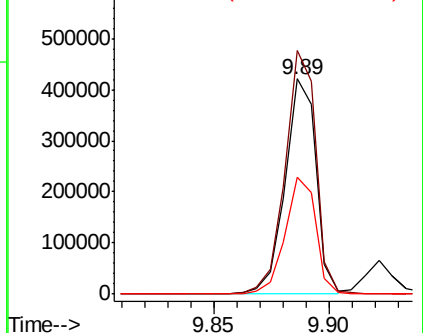
Tgt Ion:	154	Resp:	388398
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.0	133.6
152	54.4	41.9	62.9

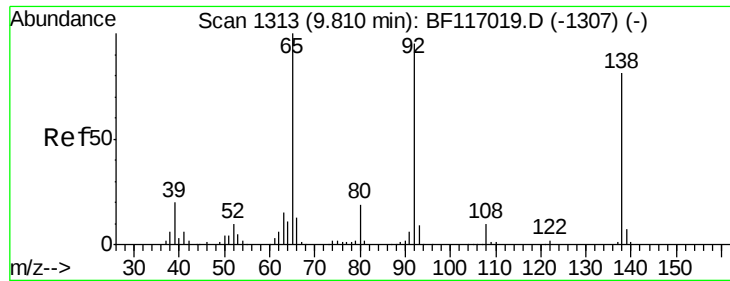


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.412 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

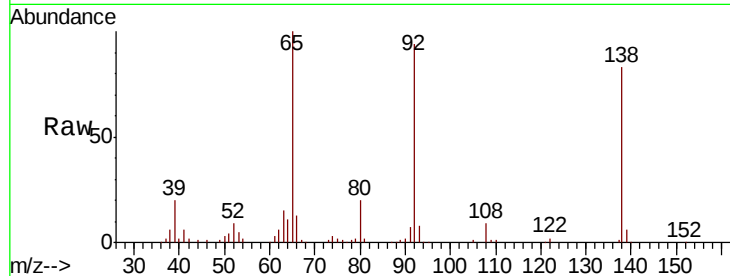
ClientSampled :

PB123079BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.5	14.3
92	113.3	94.1	141.1

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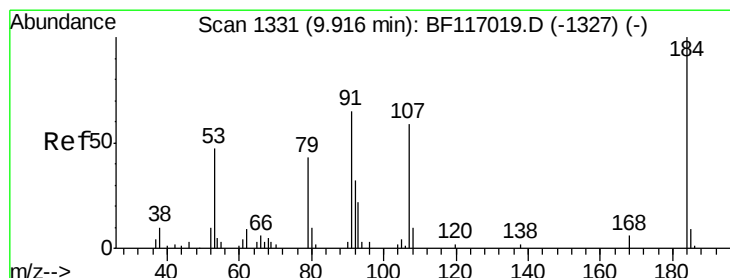
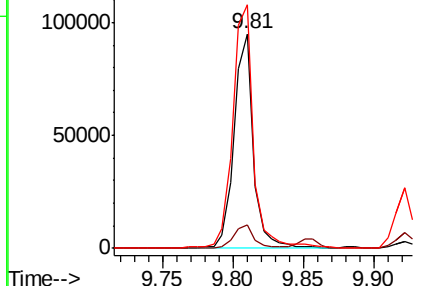
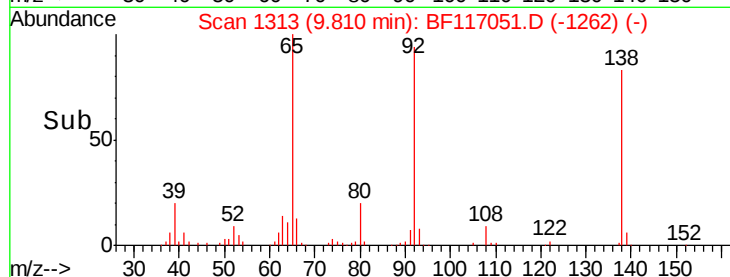


Abundance

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: 81.700 ng

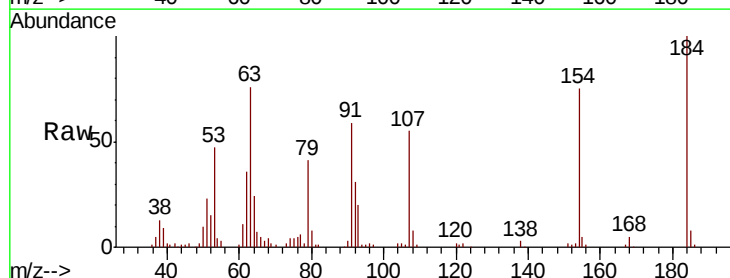
RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.7	63.8	95.6
154	75.0	60.4	90.6

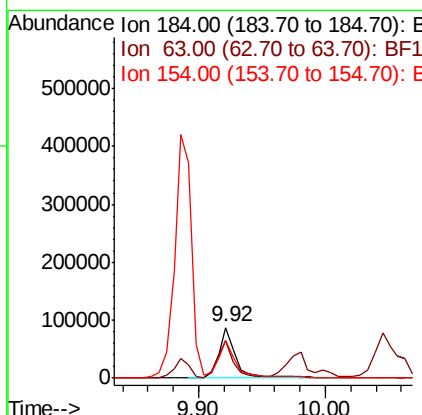
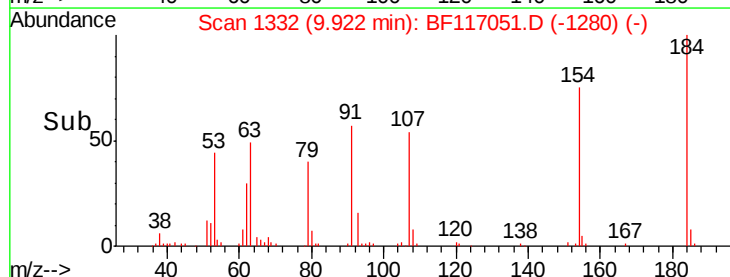


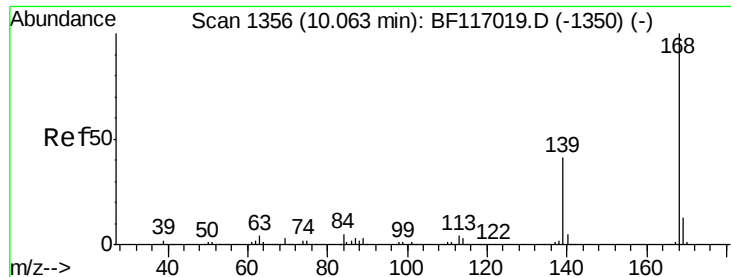
Abundance

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





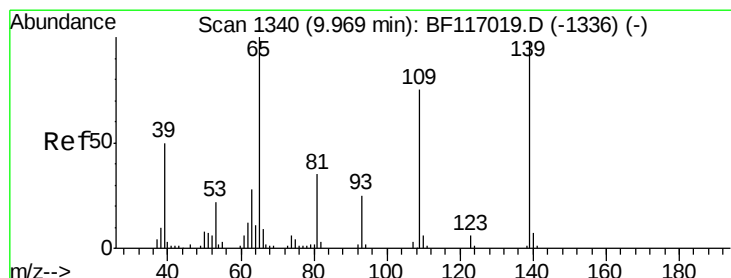
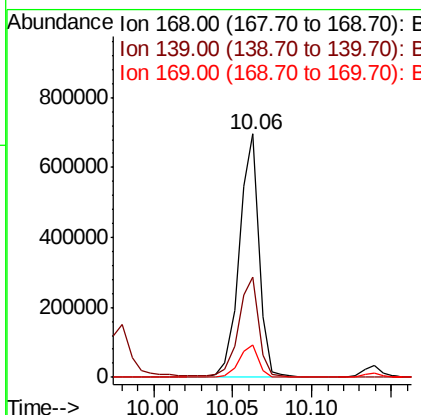
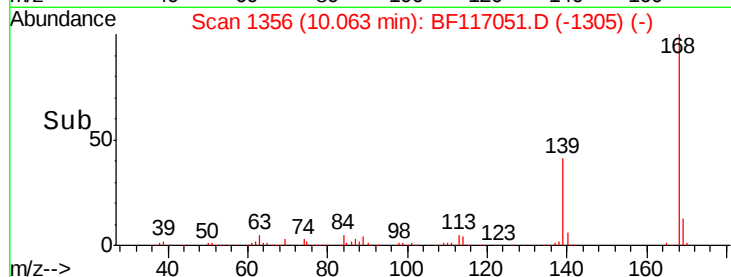
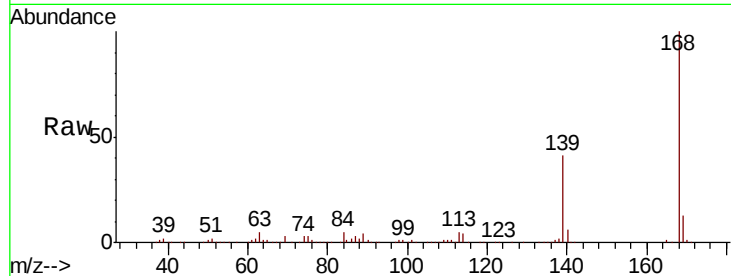
#55
Dibenzenofuran
Concen: 44.921 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion:	168	Resp:	600441
Ion Ratio	Lower	Upper	
168	100		
139	41.2	32.8	49.2
169	13.1	10.5	15.7

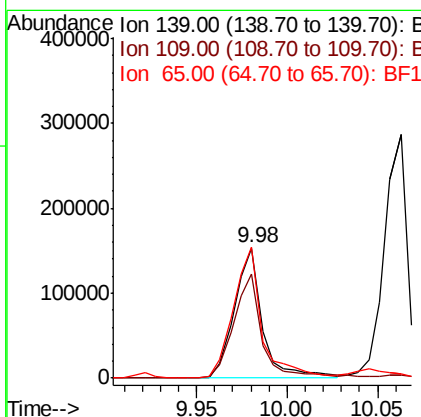
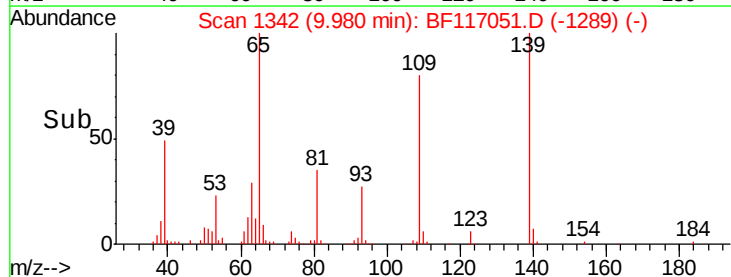
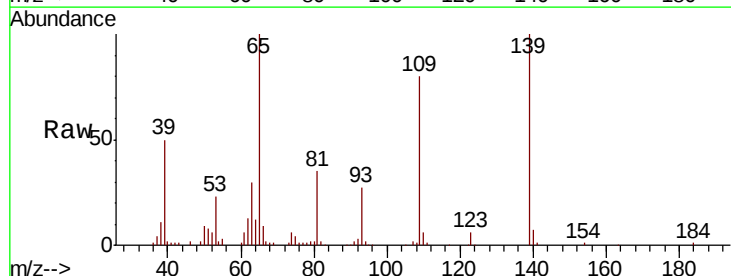
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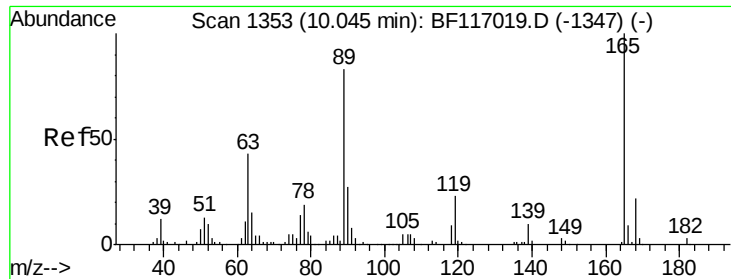
mohammad
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#56
4-Nitrophenol
Concen: 84.673 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:	139	Resp:	164546
Ion Ratio	Lower	Upper	
139	100		
109	80.6	56.4	96.4
65	100.4	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 47.555 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

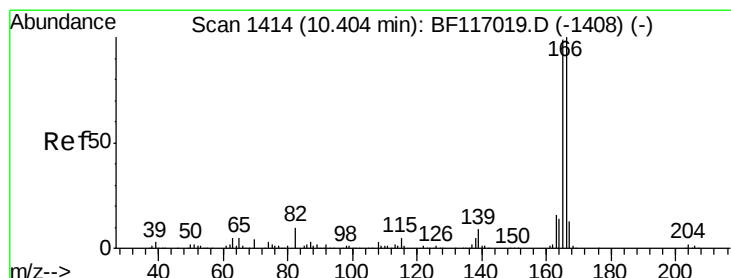
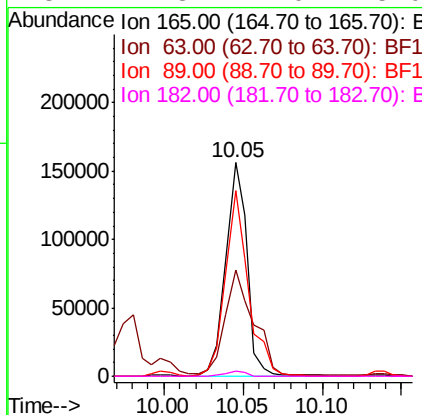
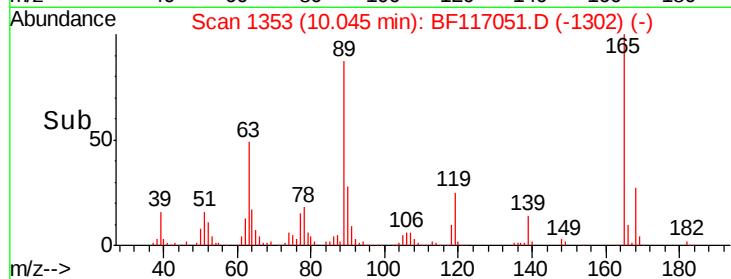
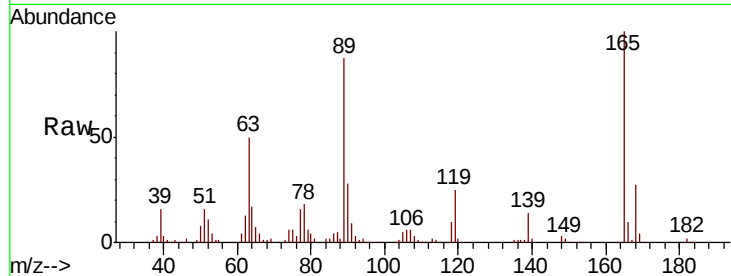
ClientSampleId :

PB123079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		146697		
63	49.5		35.0	52.4	
89	86.8		66.1	99.1	
182	2.3		2.0	3.0	

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#58

Fluorene

Concen: 44.634 ng

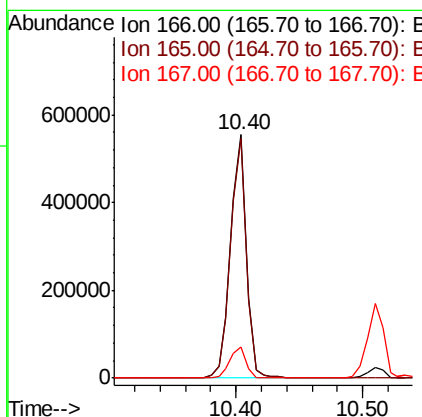
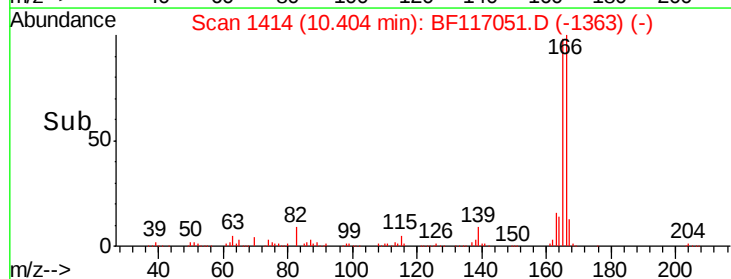
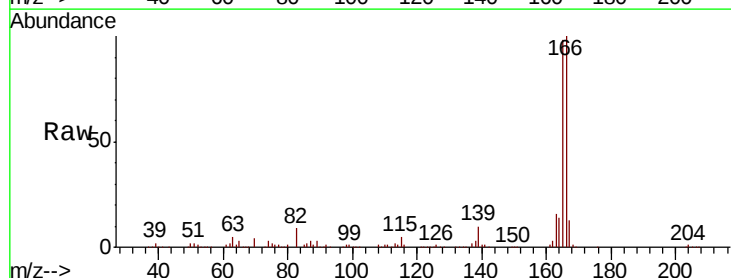
RT: 10.40 min Scan# 1414

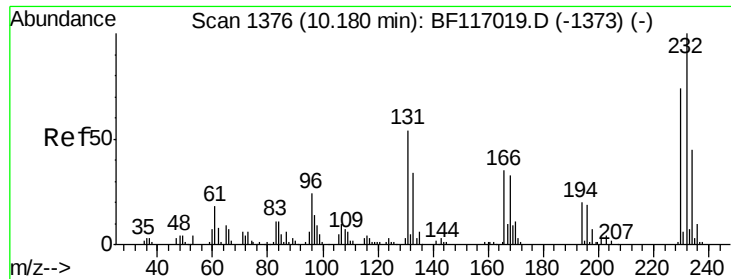
Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		480584		
165	98.4		78.9	118.3	
167	12.7		10.6	15.8	





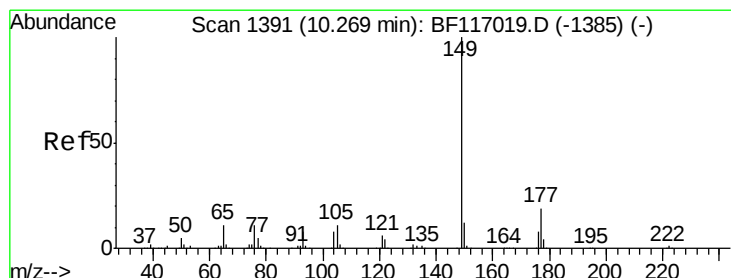
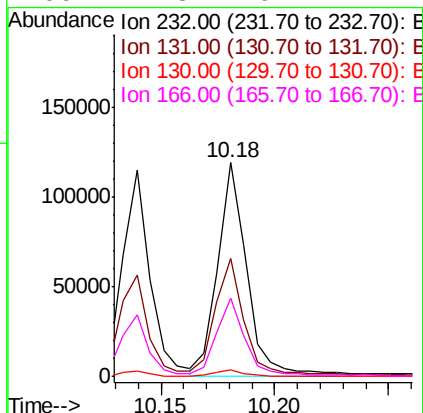
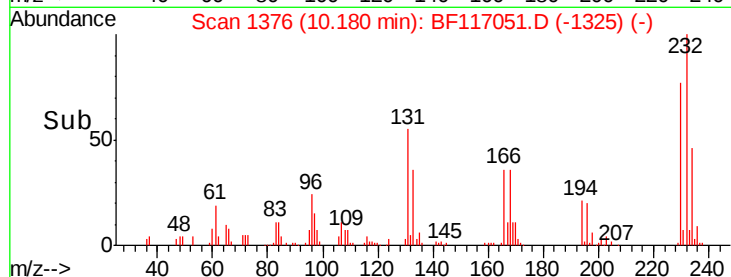
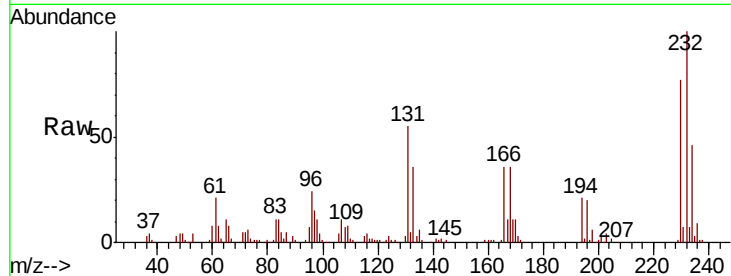
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.099 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		106485		
131	46.6	45.3	67.9		
130	2.5	1.8	2.8		
166	27.3	29.4	44.2#		

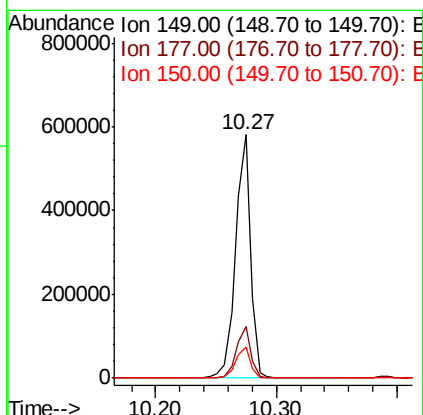
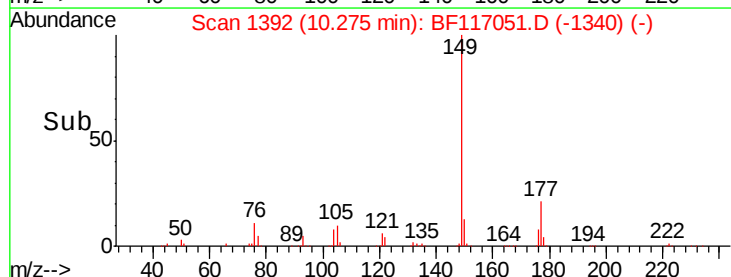
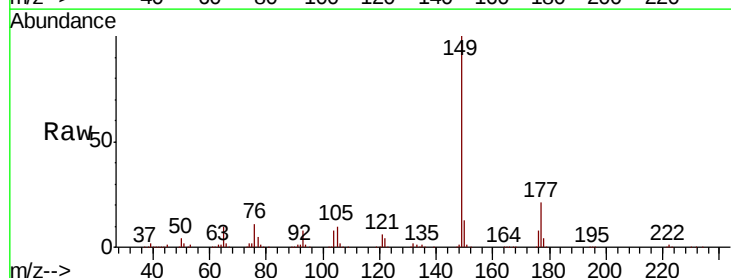
Manual Integrations
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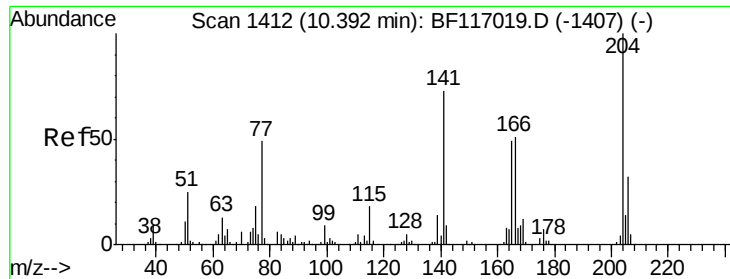
mohammad
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#60
 Diethylphthalate
 Concen: 44.015 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		505274		
177	21.0	15.2	22.8		
150	12.8	9.9	14.9		





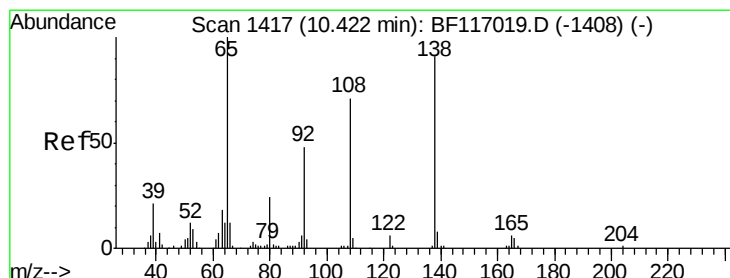
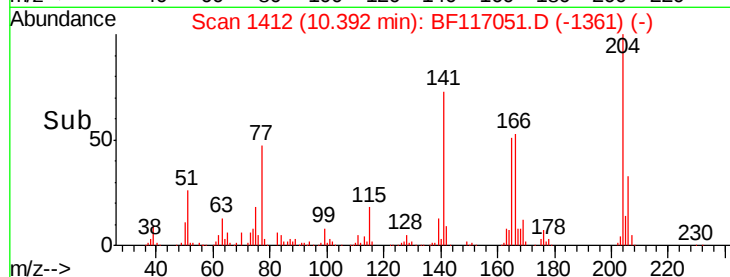
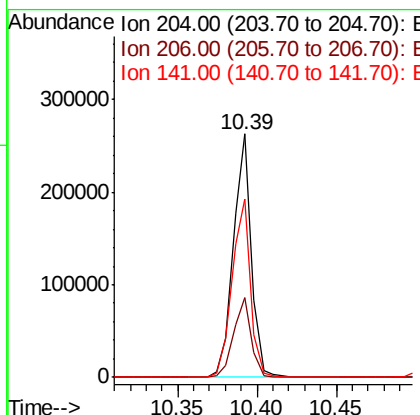
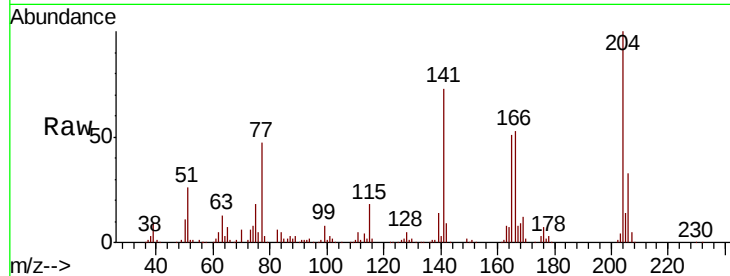
#61
4-Chlorophenyl-phenylether
Concen: 44.349 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	73.3	58.2	87.2

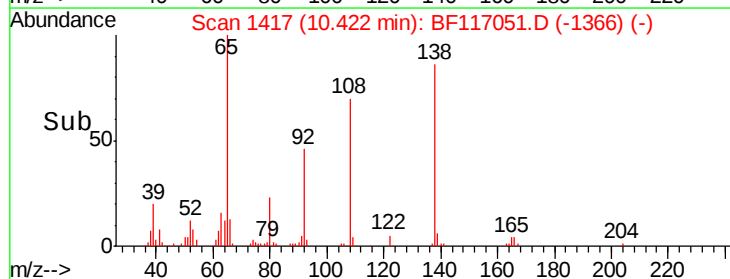
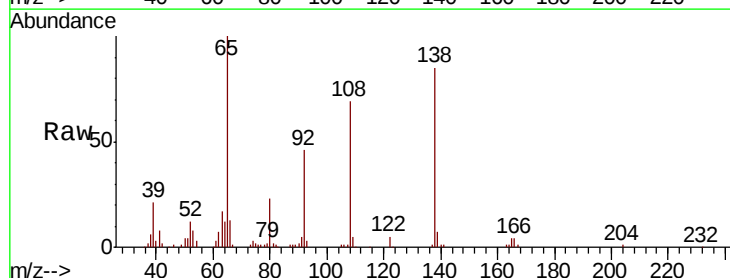
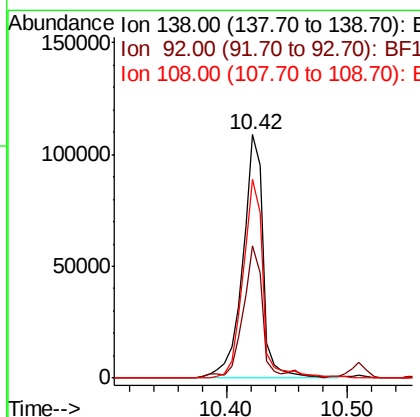
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#62
4-Nitroaniline
Concen: 41.506 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	32.9	72.9
108	81.9	58.3	98.3





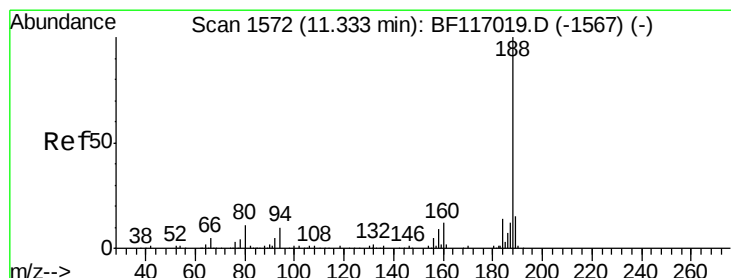
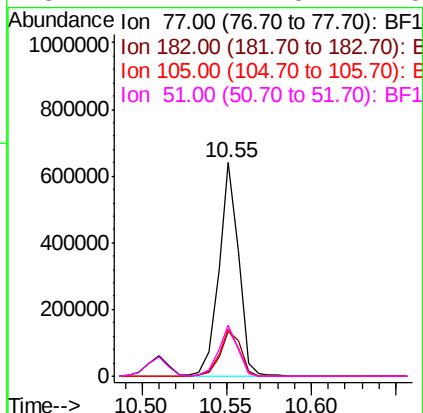
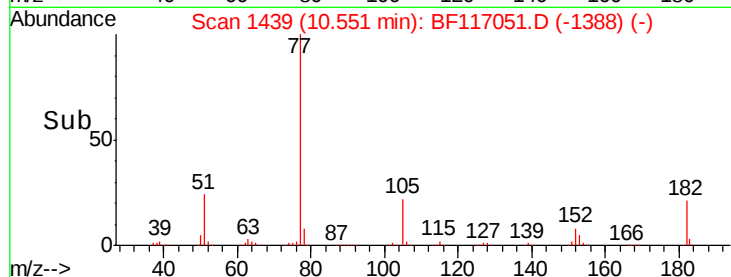
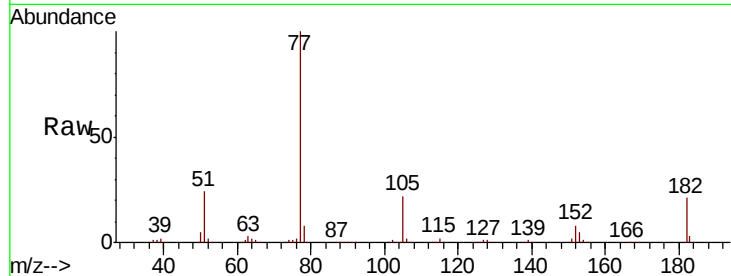
#63
Azobenzene
Concen: 44.290 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	519279		
182	21.2	0.4	40.4	
105	22.0	0.9	40.9	
51	24.1	2.8	42.8	

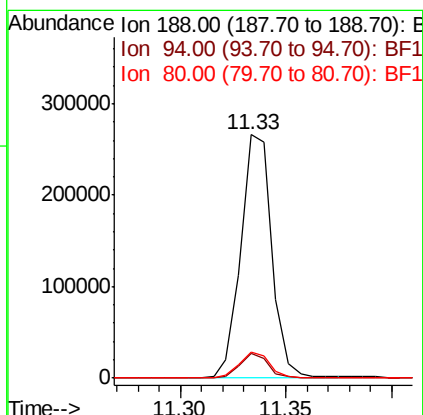
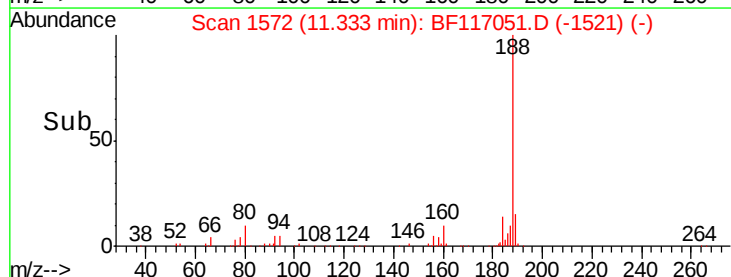
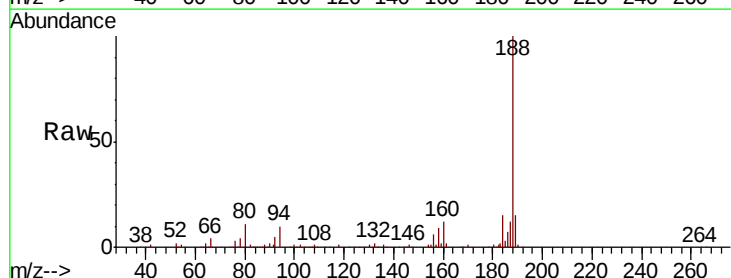
Manual Integrations
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	271924		
94	10.0	8.2	12.2	
80	10.9	9.0	13.6	





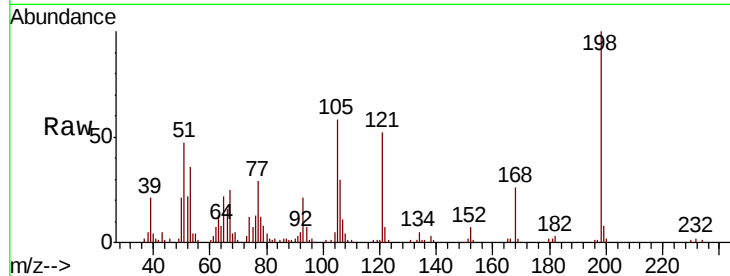
#65
4,6-Dinitro-2-methylphenol
Concen: 47.229 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.4	18.7	58.7
105	57.6	30.2	70.2

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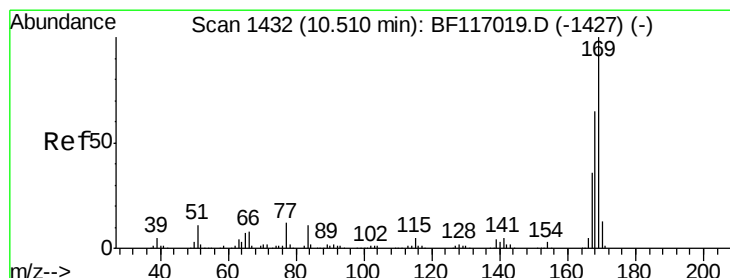
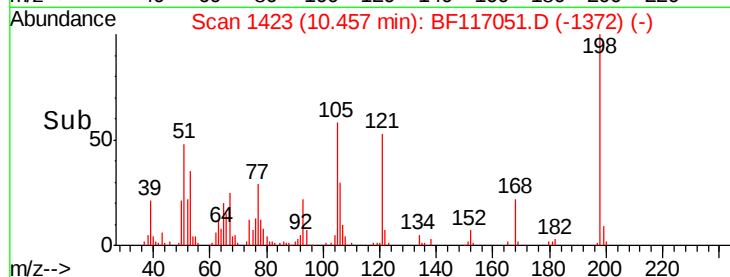
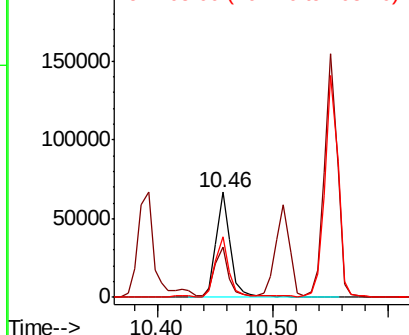


Abundance

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: 44.519 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

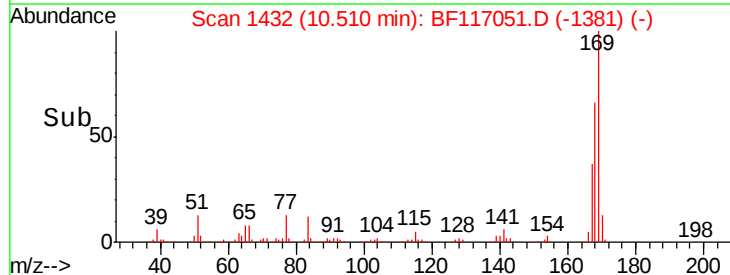
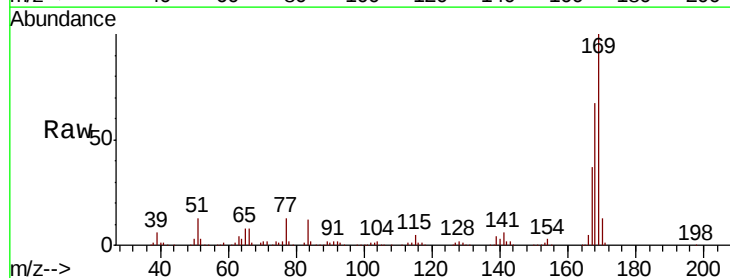
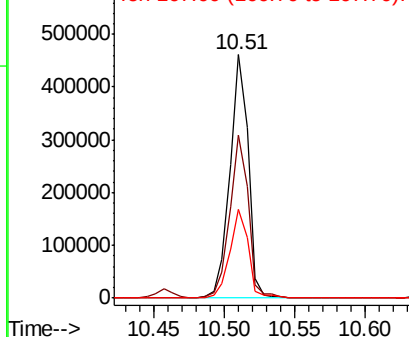
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.2	78.2
167	36.6	28.8	43.2

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





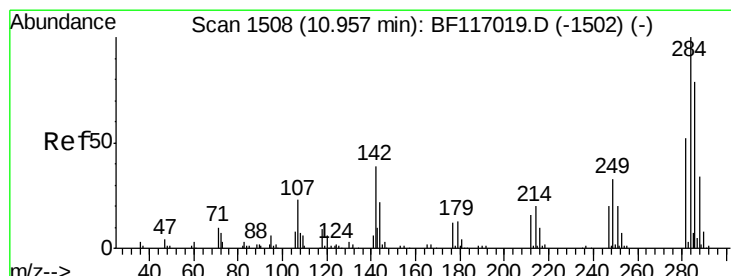
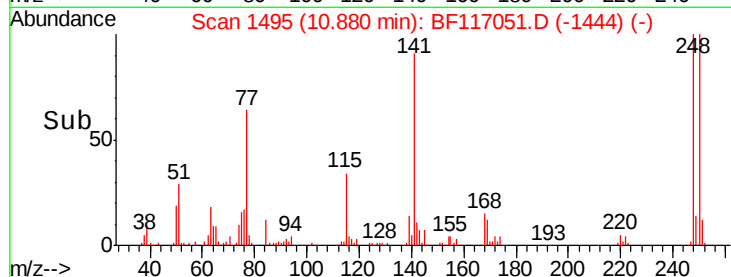
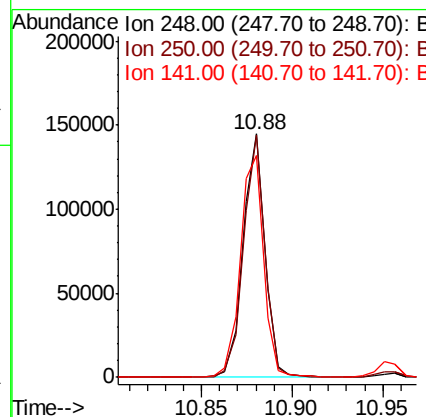
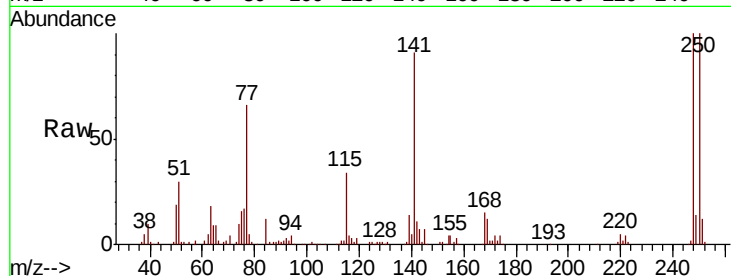
#67
 4-Bromophenyl-phenylether
 Concen: 43.805 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.2	114.4
141	91.2	75.0	112.4

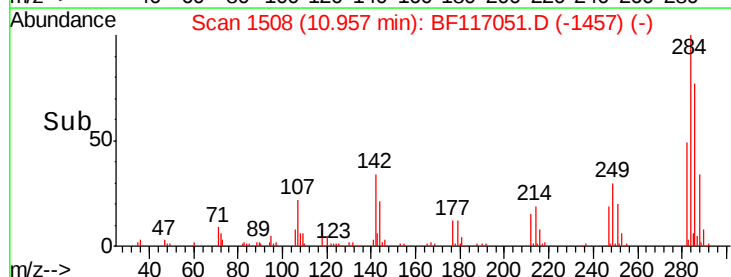
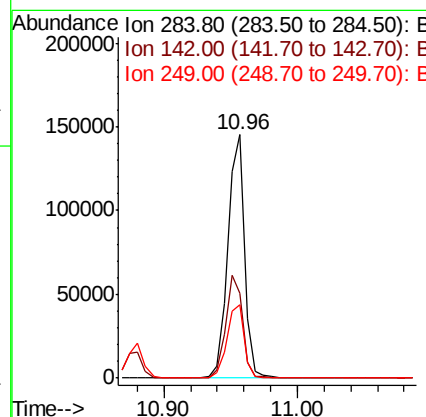
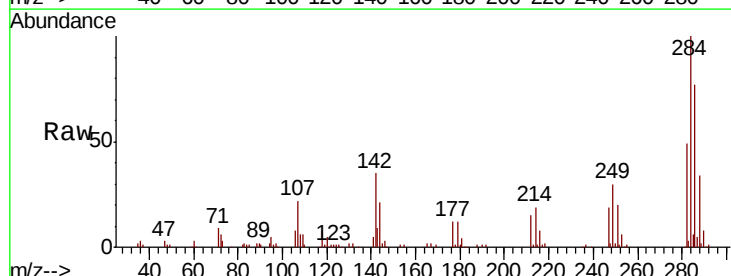
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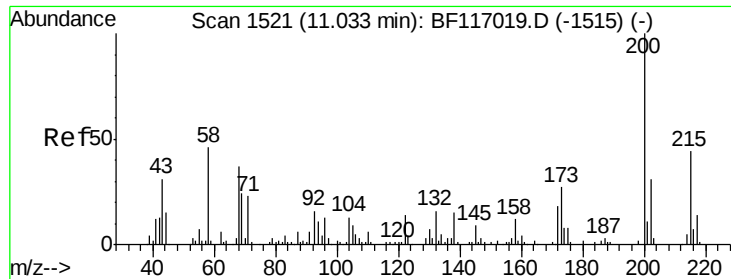
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#68
 Hexachlorobenzene
 Concen: 42.505 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	31.4	47.2
249	30.2	26.5	39.7





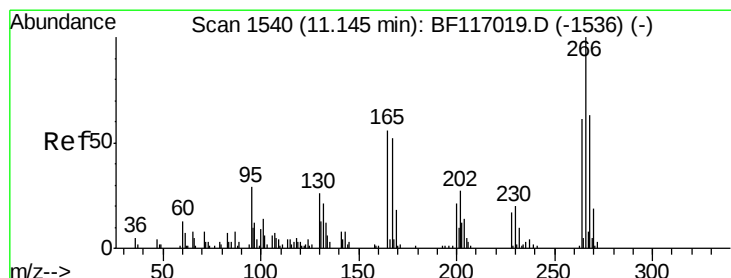
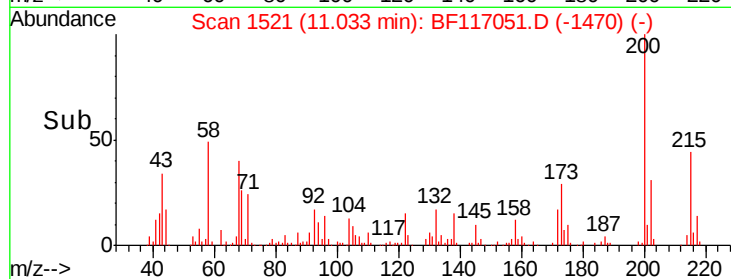
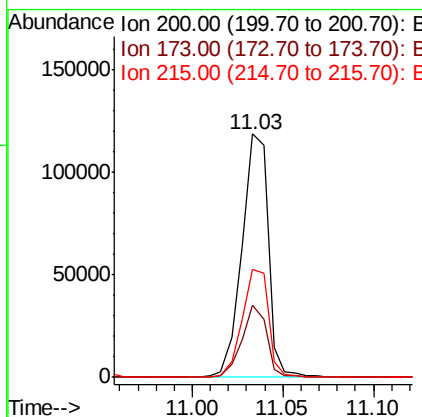
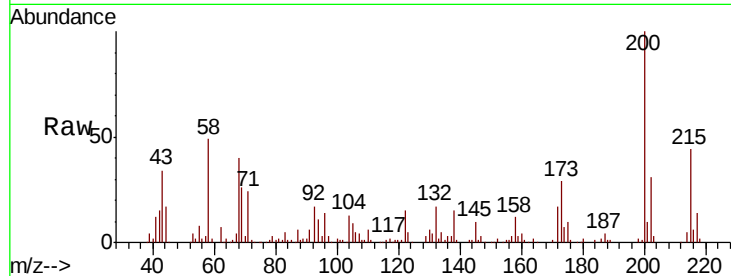
#69
 Atrazine
 Concen: 54.247 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.4	6.9	46.9
215	44.5	23.8	63.8

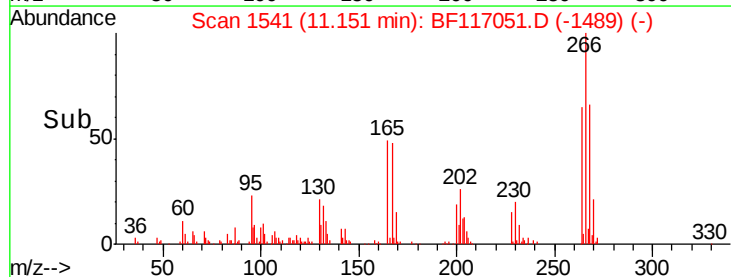
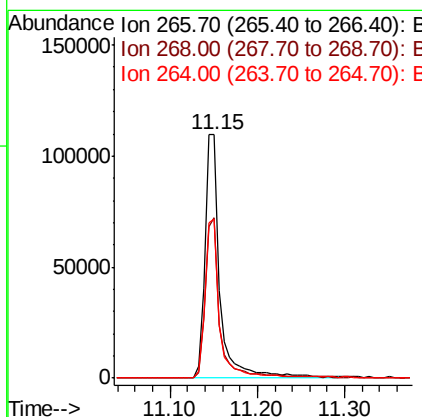
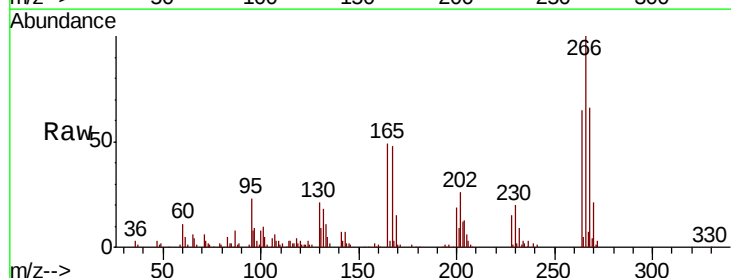
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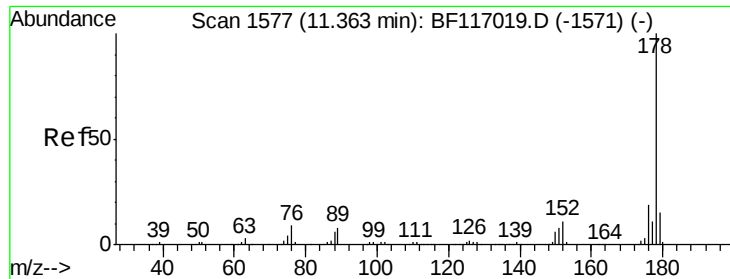
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#70
 Pentachlorophenol
 Concen: 92.632 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.8	50.5	75.7
264	65.5	48.8	73.2





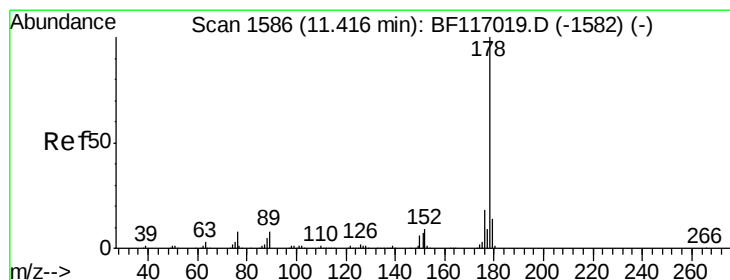
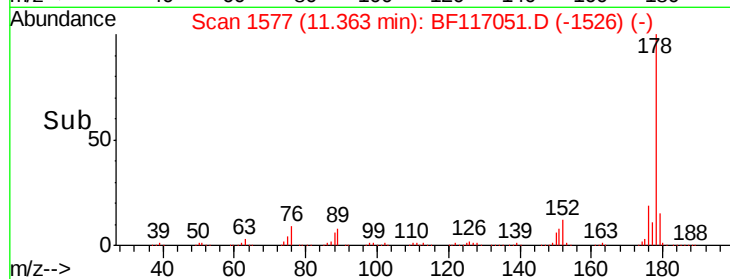
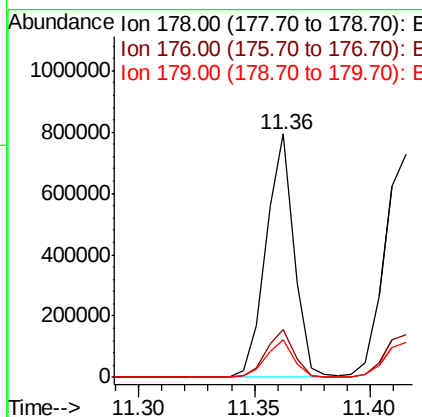
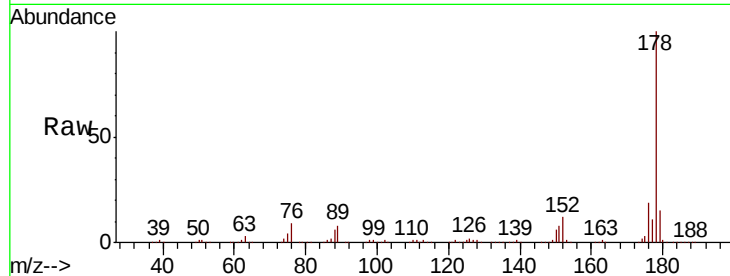
#71
Phenanthrene
Concen: 43.413 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampled :
PB123079BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.4	18.6

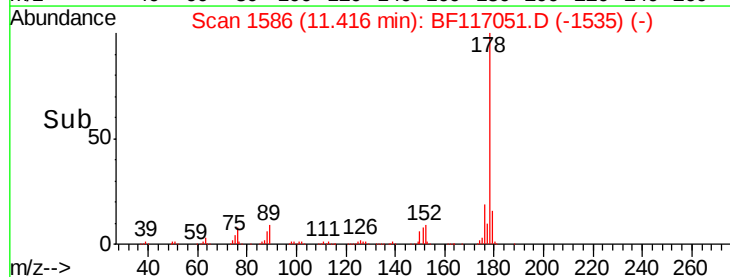
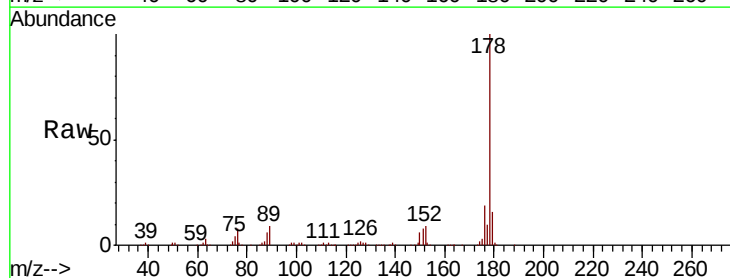
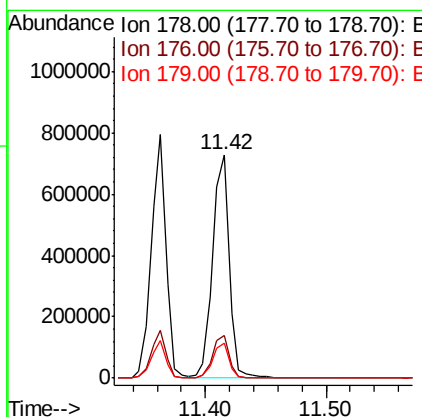
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#72
Anthracene
Concen: 43.680 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	21.8
179	15.7	11.6	17.4





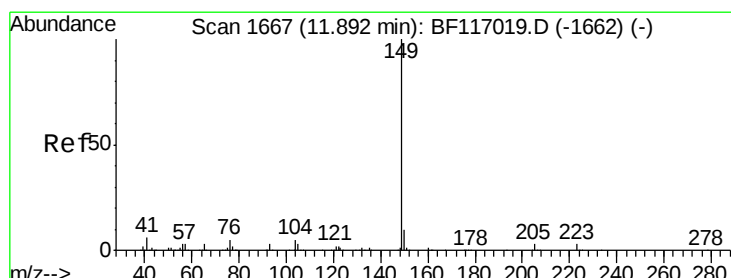
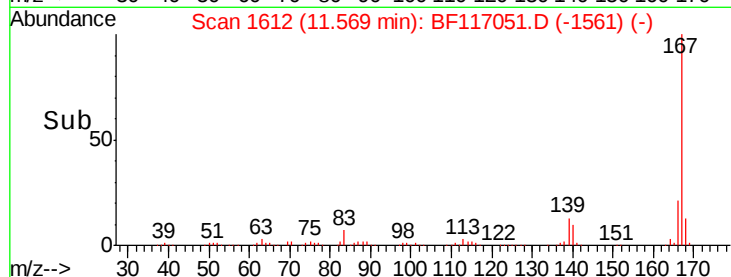
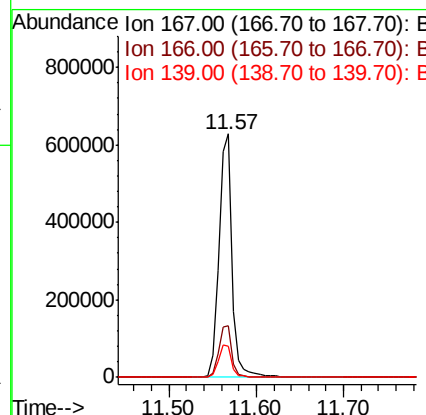
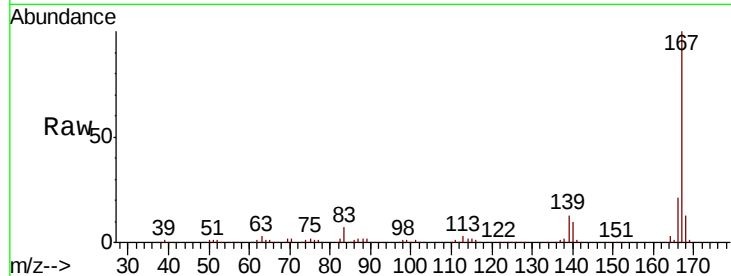
#73
 Carbazole
 Concen: 43.437 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.9	10.6	16.0

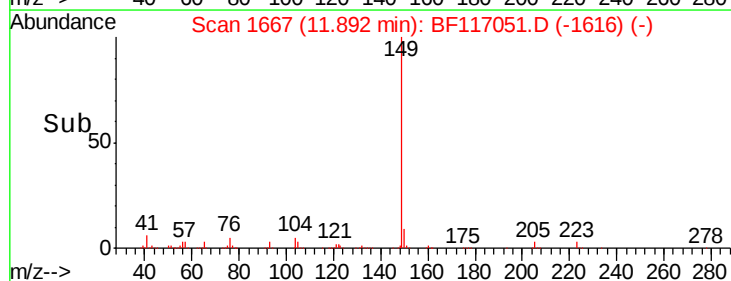
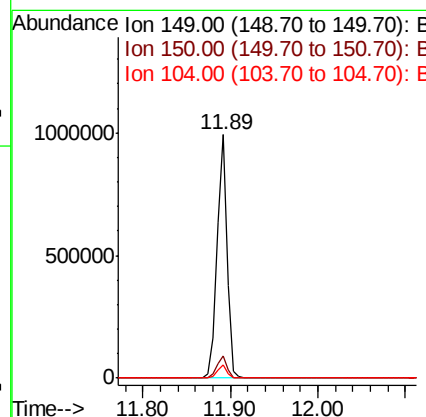
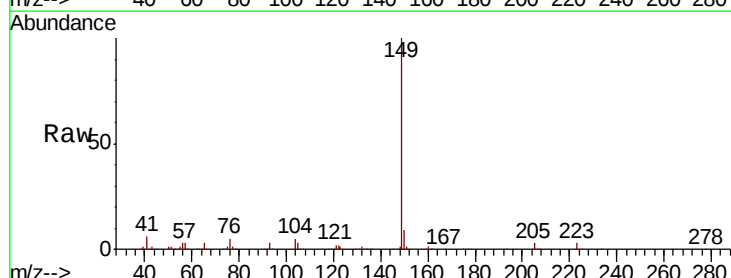
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 44.224 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.2	4.2	6.4





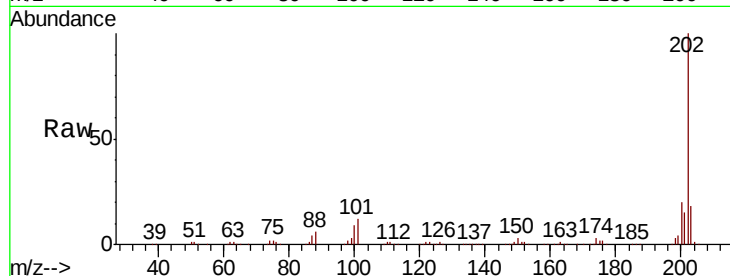
#75
 Fluoranthene
 Concen: 42.681 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	32.3
203	17.7	0.0	37.1

Manual Integrations
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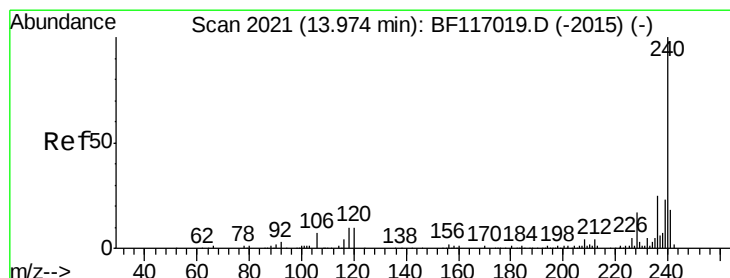
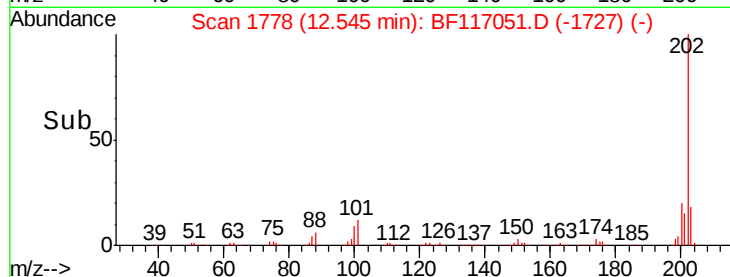
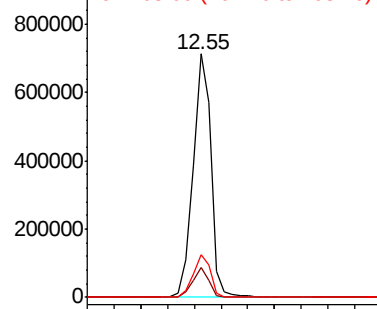


Abundance

Ion 202.00 (201.70 to 202.70): E

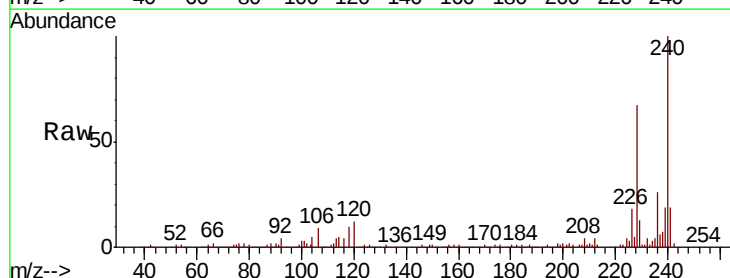
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.5	20.3	30.5

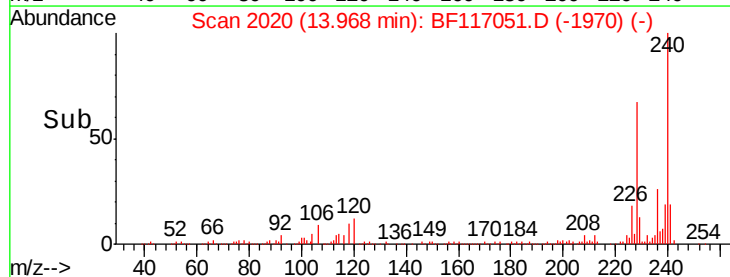
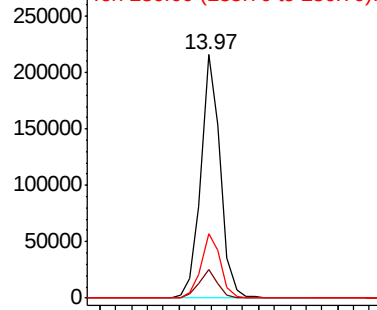


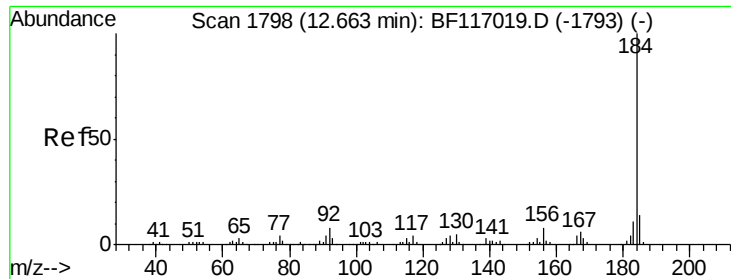
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.594 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

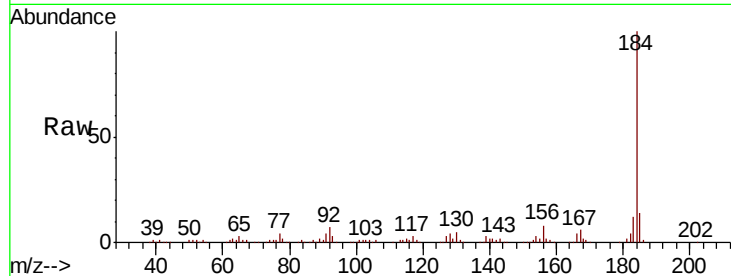
ClientSampleId :

PB123079BS

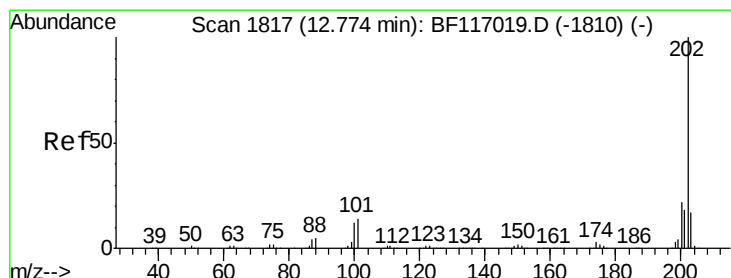
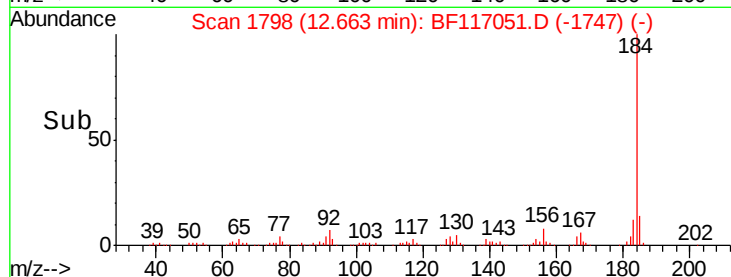
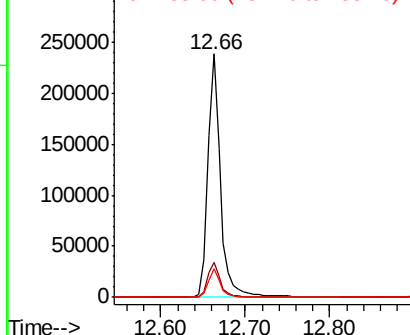
Tot Ion:	184	Resp:	250099
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.6	17.4
183	11.7	9.0	13.4

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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: 45.033 ng

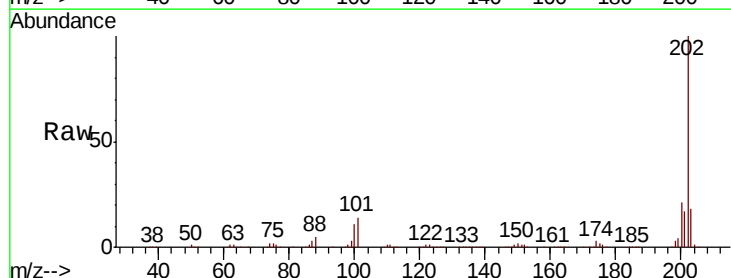
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

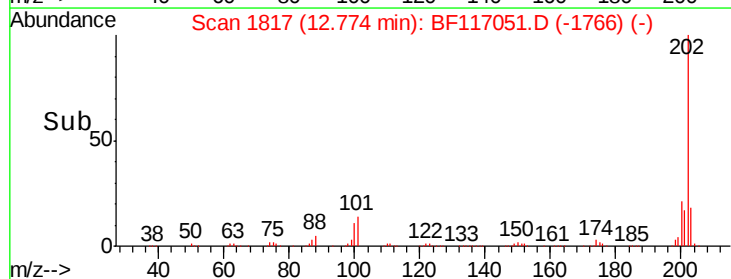
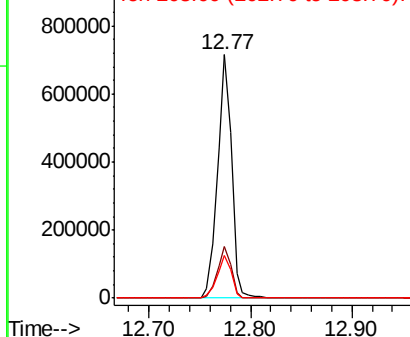
Lab File: BF117051.D

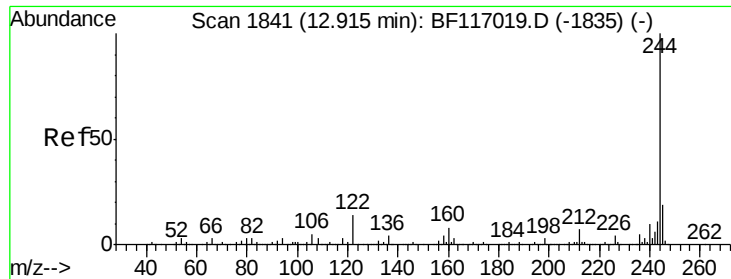
Acq: 16 Sep 2019 9:55

Tgt Ion:	202	Resp:	688763
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.2	25.8
203	17.6	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





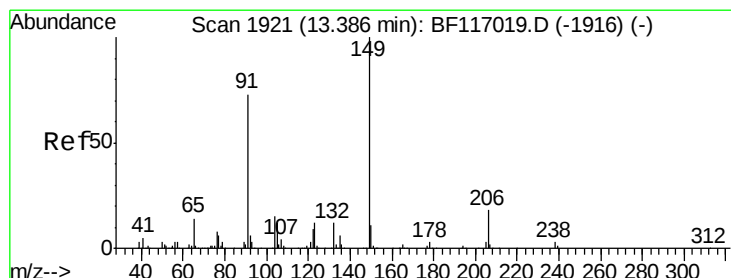
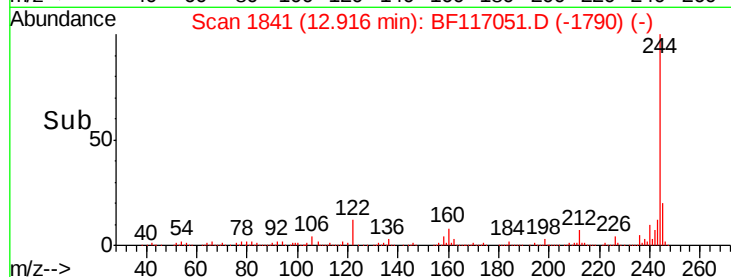
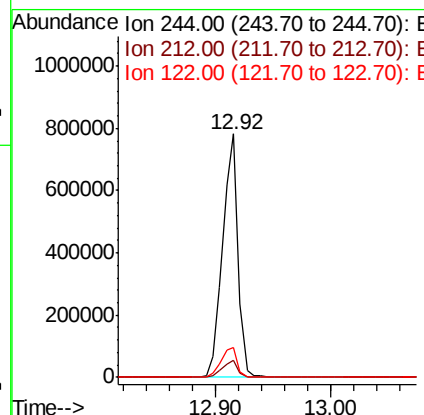
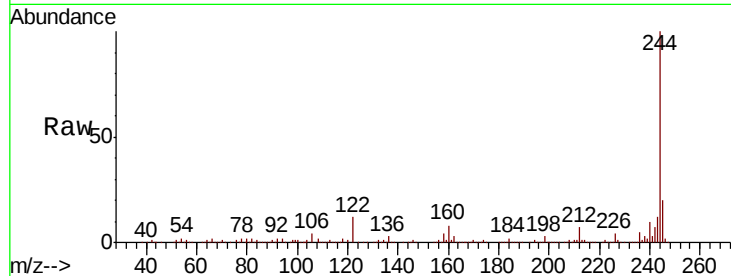
#79
 Terphenyl-d14
 Concen: 73.788 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampled :
 PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	5.8	8.8	
122	12.1	11.3	16.9	

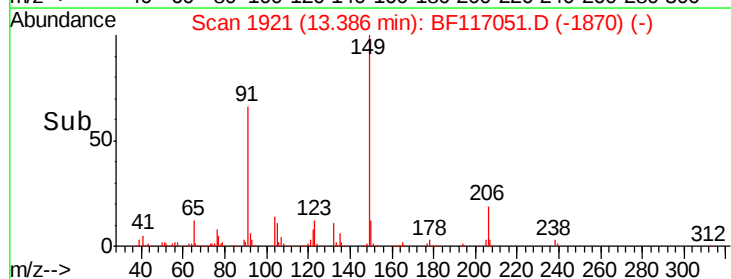
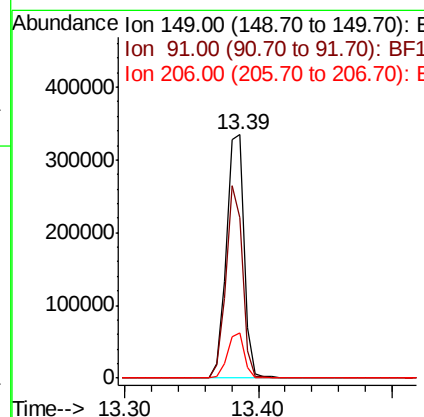
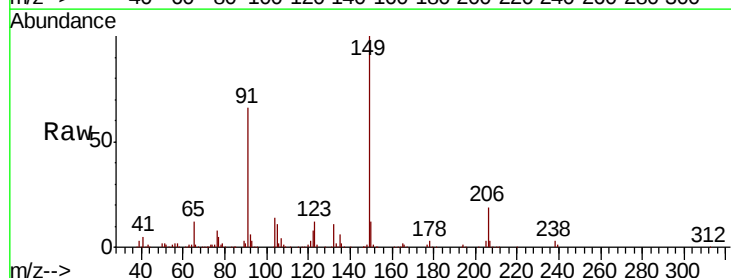
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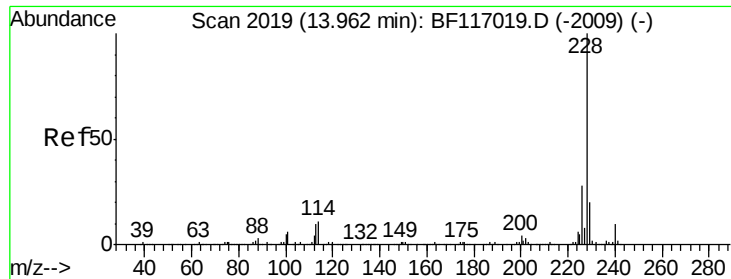
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#80
 Butylbenzylphthalate
 Concen: 43.849 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	66.1	58.8	88.2	
206	18.8	14.1	21.1	





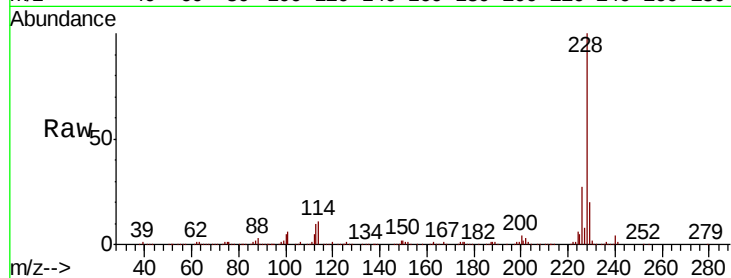
#81
Benzo(a)anthracene
Concen: 42.061 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.6	15.9	23.9

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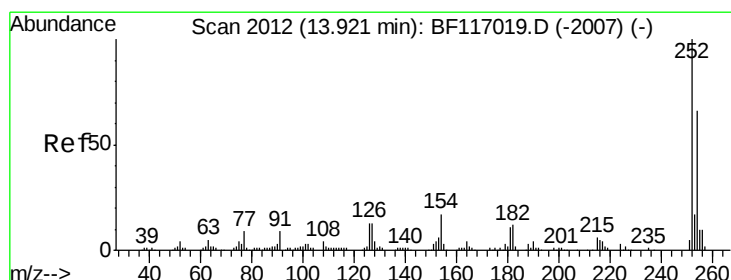
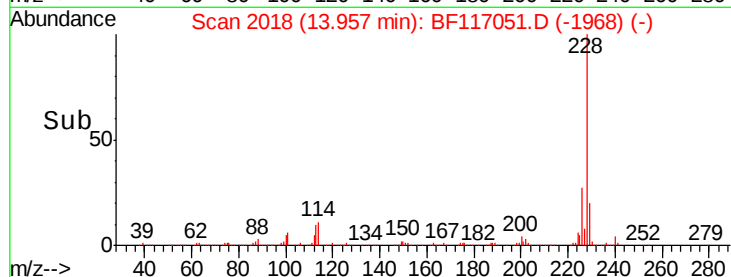
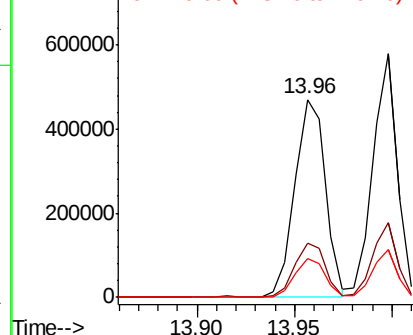


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 34.434 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

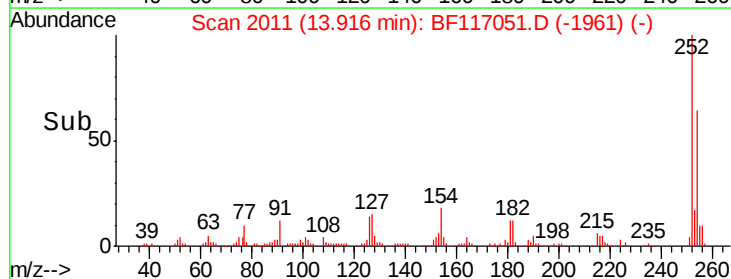
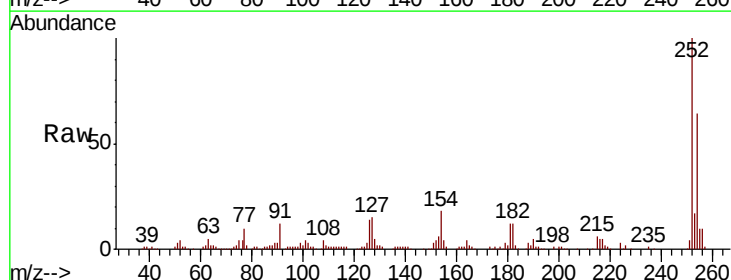
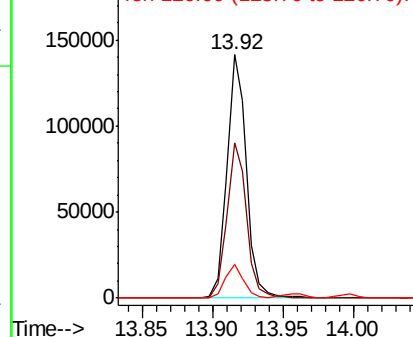
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.6	79.0
126	14.0	10.4	15.6

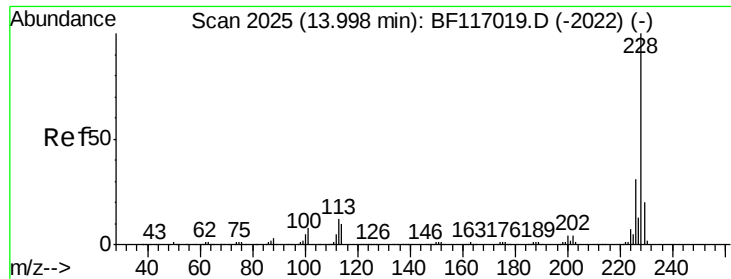
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





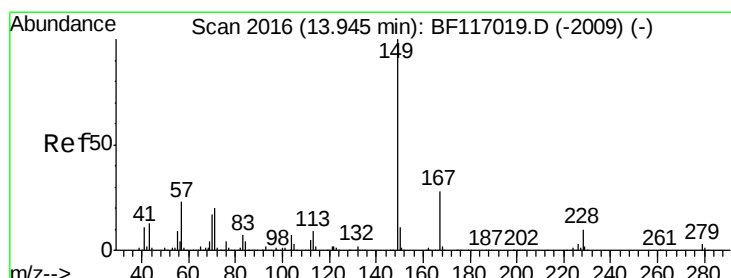
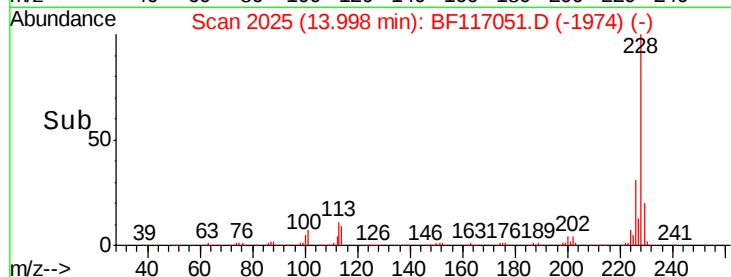
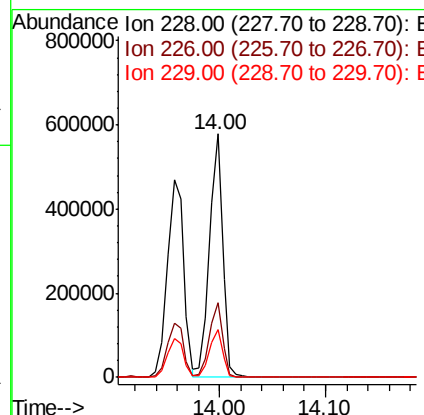
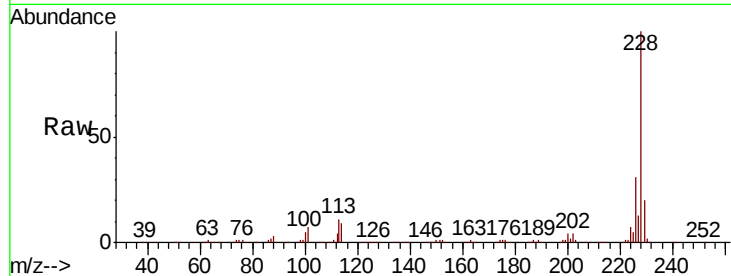
#83
 Chrysene
 Concen: 42.725 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.8	15.8	23.8

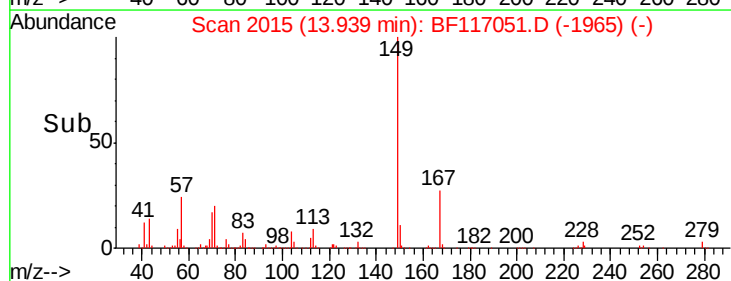
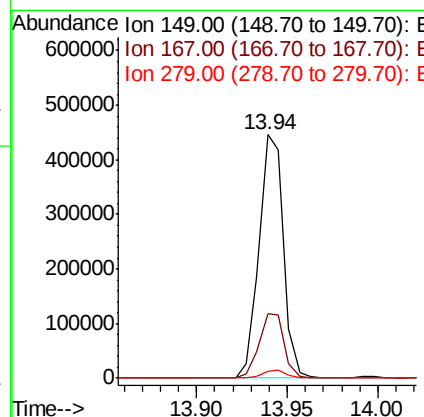
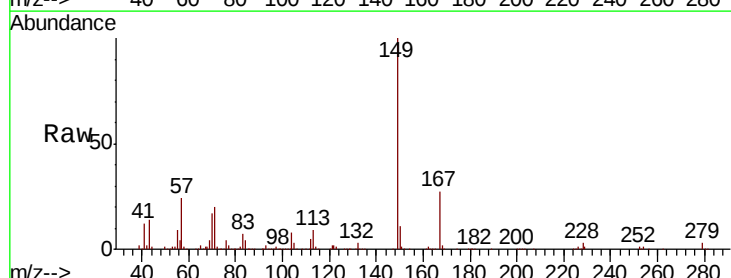
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.805 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.2
279	3.0	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 44.355 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

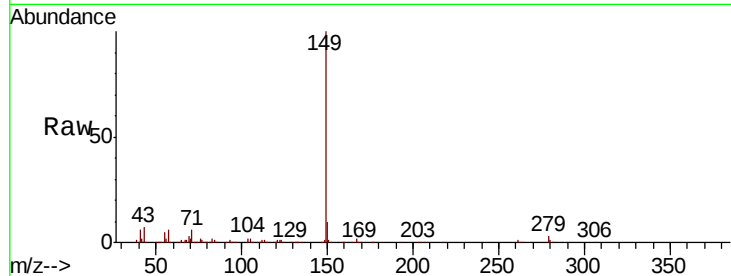
ClientSampleID :

PB123079BS

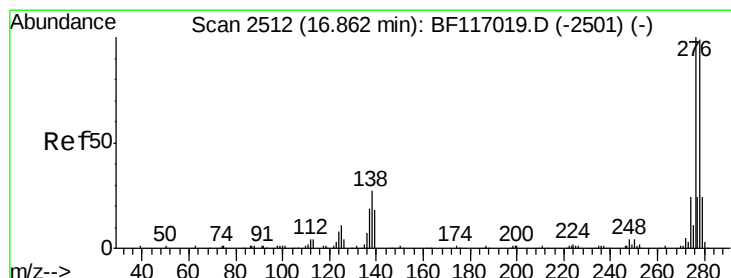
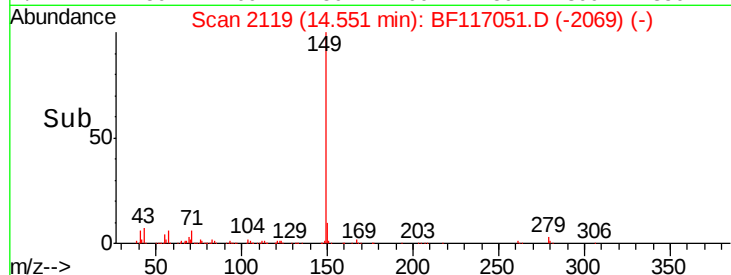
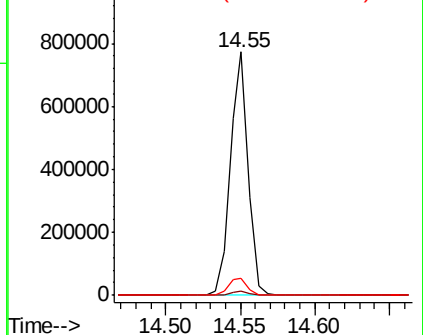
Tot Ion:	149	Resp:	650520
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.6	6.2	9.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.337 ng

RT: 16.86 min Scan# 2511

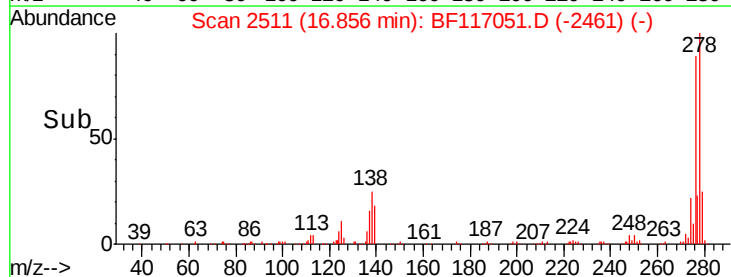
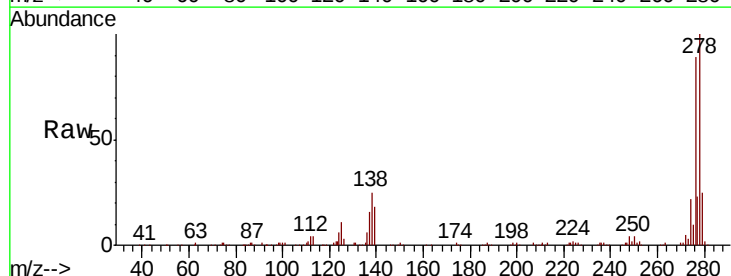
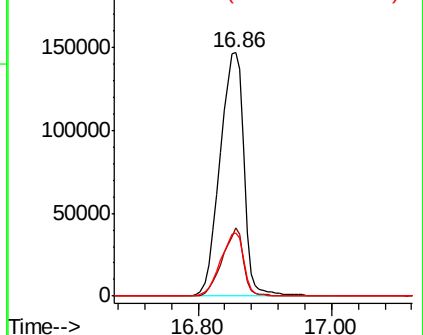
Delta R.T. -0.01 min

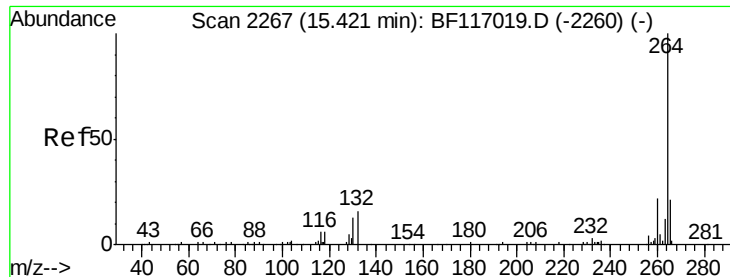
Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion:	276	Resp:	375547
Ion Ratio	Lower	Upper	
276	100		
138	24.5	20.7	31.1
277	24.9	19.8	29.8

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





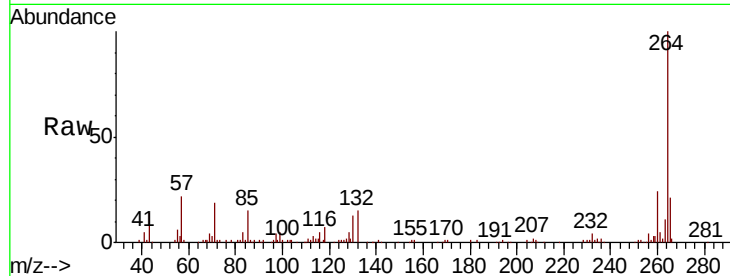
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampled :
PB123079BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.6	26.4
265	21.5	16.6	24.8

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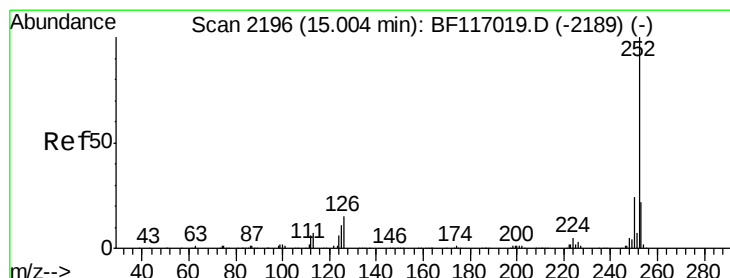
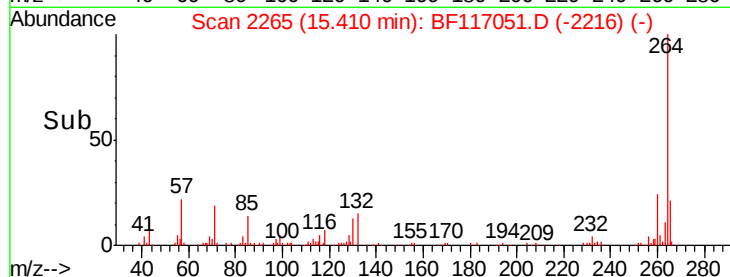
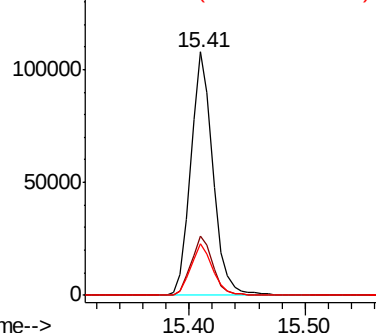


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 47.183 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

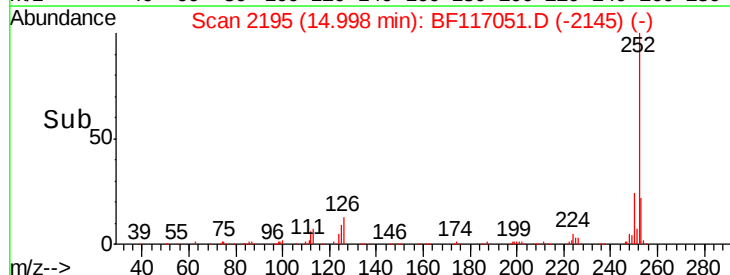
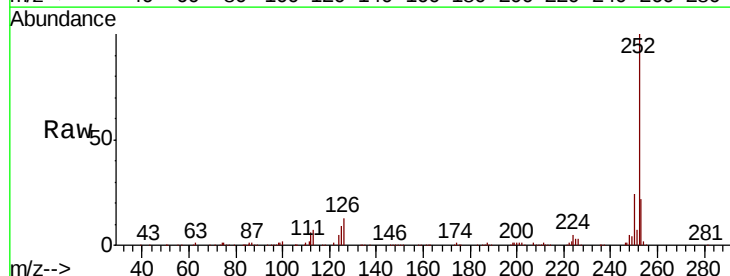
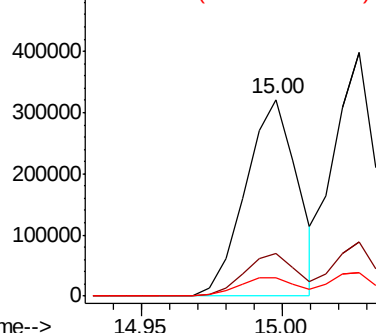
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.2	8.6	12.8

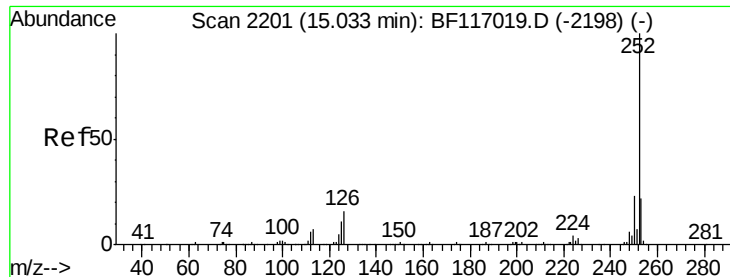
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





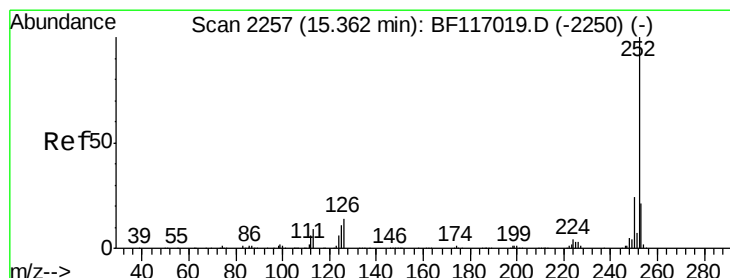
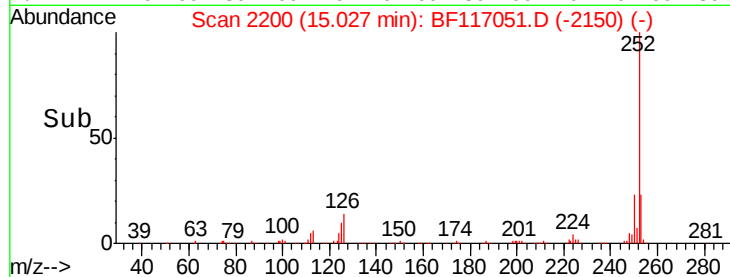
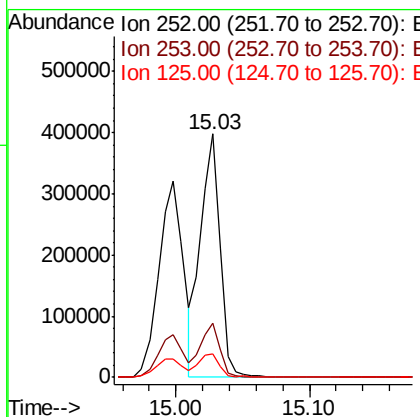
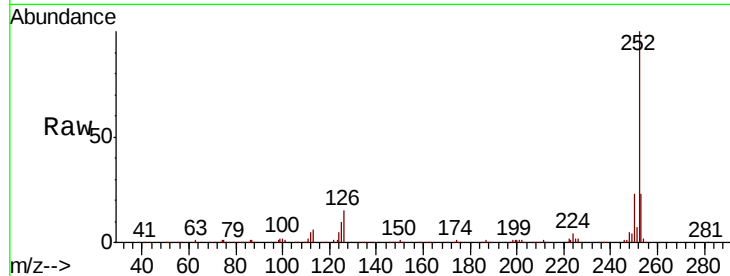
#89
Benzo(k)fluoranthene
Concen: 48.745 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	9.7	8.8	13.2

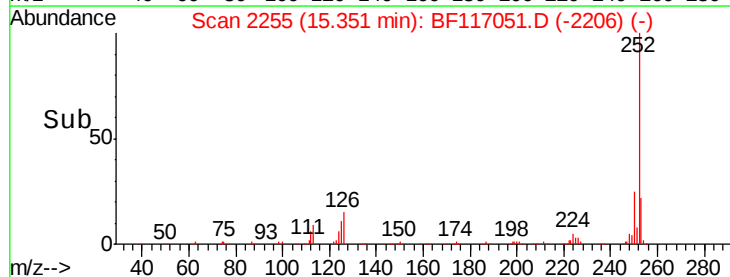
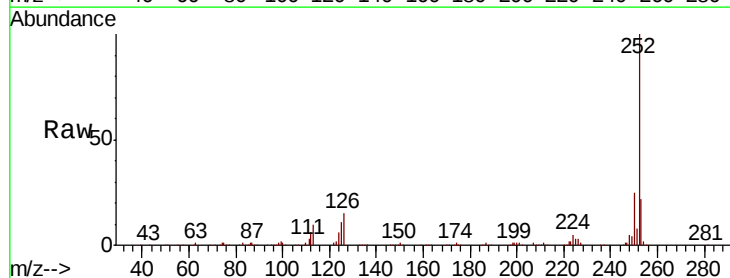
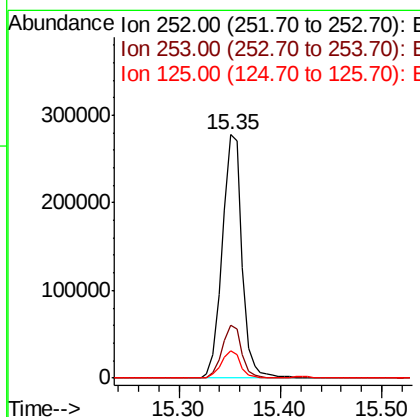
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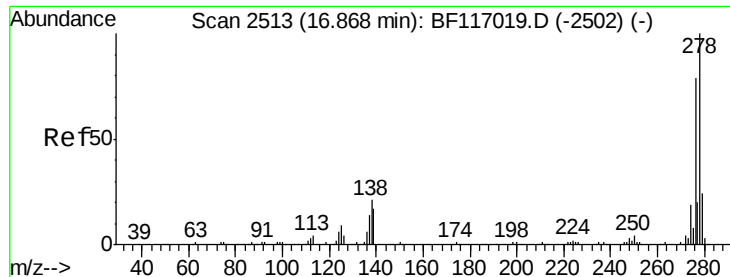
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#90
Benzo(a)pyrene
Concen: 49.269 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	11.4	8.9	13.3





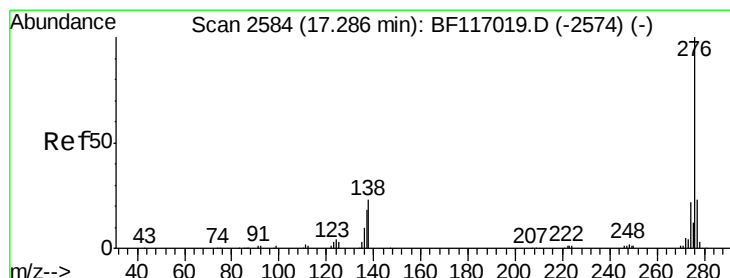
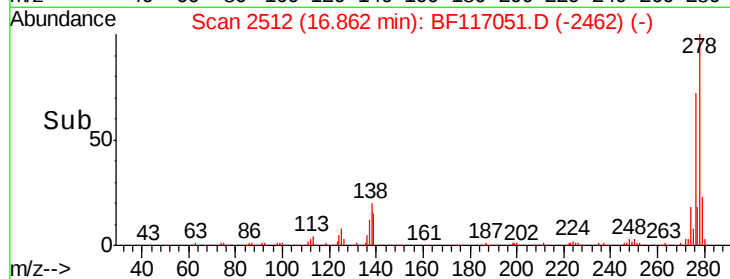
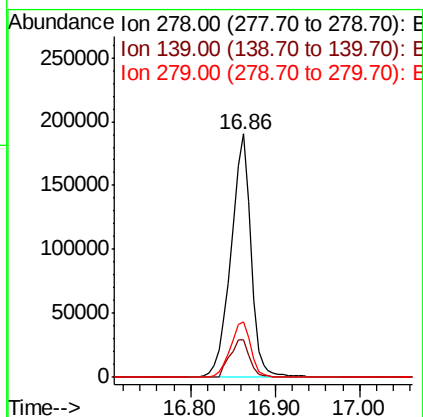
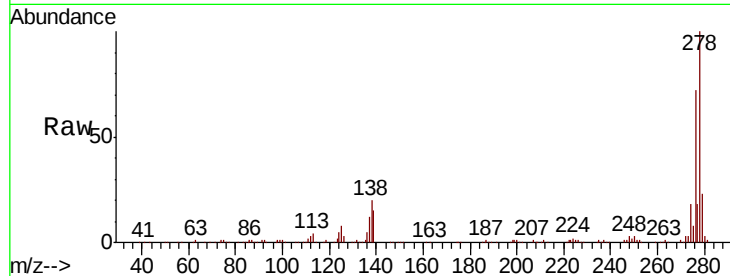
#91
Dibenzo(a,h)anthracene
Concen: 50.790 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleID :
PB123079BS

Tot Ion:	278	Resp:	309084
Ion Ratio	Lower	Upper	
278	100		
139	15.2	13.5	20.3
279	22.9	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 51.051 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:	276	Resp:	309578
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	27.8
138	21.2	18.0	27.0

