

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117452.D
 Acq On : 21 Oct 2019 17:29
 Operator : JU
 Sample : PB124157BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124157BS

Manual Integrations
 APPROVED

mohammad
 10/22/2019 3:29:14 PM

Quant Time: Oct 22 02:06:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40286	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	170470	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	88660	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	145711	20.00	ng	0.00
76) Chrysene-d12	13.89	240	109969	20.00	ng	0.00
87) Perylene-d12	15.33	264	103303	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	317647	117.30	ng	0.01
7) Phenol-d6	6.38	99	422822	116.25	ng	0.00
23) Nitrobenzene-d5	7.30	82	218839	63.38	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	88994	116.01	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	397327	63.14	ng	0.00
79) Terphenyl-d14	12.83	244	402177	59.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	47903	42.075	ng	# 96
3) Pyridine	3.23	79	102853	36.903	ng	99
4) n-Nitrosodimethylamine	3.17	42	45694	45.192	ng	96
6) Aniline	6.40	93	141194	33.067	ng	# 59
8) 2-Chlorophenol	6.52	128	127975	44.787	ng	99
9) Benzaldehyde	6.29	77	82479	49.445	ng	98
10) Phenol	6.39	94	162602	43.803	ng	83
11) bis(2-Chloroethyl)ether	6.47	93	123176	44.861	ng	98
12) 1,3-Dichlorobenzene	6.67	146	132603	41.585	ng	98
13) 1,4-Dichlorobenzene	6.75	146	137335	42.455	ng	98
14) 1,2-Dichlorobenzene	6.90	146	128150	42.028	ng	97
15) Benzyl Alcohol	6.89	79	115672	44.515	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	119482	40.339	ng	87
17) 2-Methylphenol	7.00	107	110287	46.918	ng	98
18) Hexachloroethane	7.24	117	52156	41.308	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	97349	43.827	ng	98
20) 3+4-Methylphenols	7.16	107	139064	45.122	ng	# 81
22) Acetophenone	7.15	105	189602	41.886	ng	95
24) Nitrobenzene	7.32	77	144274	43.623	ng	99
25) Isophorone	7.56	82	265849	44.505	ng	99
26) 2-Nitrophenol	7.64	139	65387	44.328	ng	99
27) 2,4-Dimethylphenol	7.68	122	112561	51.061	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	154078	41.801	ng	99
29) 2,4-Dichlorophenol	7.88	162	102507	44.333	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	103552	41.733	ng	100
31) Naphthalene	8.03	128	370723	43.874	ng	98
32) Benzoic acid	7.83	122	58728	38.895	ng	98
33) 4-Chloroaniline	8.09	127	84441	23.679	ng	99
34) Hexachlorobutadiene	8.15	225	56530	39.361	ng	98
35) Caprolactam	8.46	113	33902m	45.642	ng	
36) 4-Chloro-3-methylphenol	8.59	107	120805	45.811	ng	98
37) 2-Methylnaphthalene	8.73	142	255353	44.849	ng	99
38) 1-Methylnaphthalene	8.83	142	240194	44.895	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	97754	40.936	ng	99

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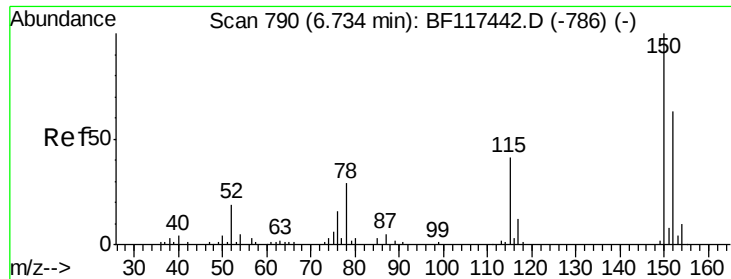
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	57403	85.543	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	62404	41.730	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	64971	42.876	nq	92
46) 1,1'-Biphenyl	9.19	154	300174	40.896	nq	99
47) 2-Chloronaphthalene	9.22	162	230649	41.678	nq	98
48) 2-Nitroaniline	9.32	65	75071	41.322	nq	89
49) Acenaphthylene	9.63	152	364950	44.896	nq	99
50) Dimethylphthalate	9.49	163	263180	41.639	nq	100
51) 2,6-Dinitrotoluene	9.56	165	57847	43.859	nq #	84
52) Acenaphthene	9.80	154	211682	42.445	nq	100
53) 3-Nitroaniline	9.73	138	42262	26.409	nq	95
54) 2,4-Dinitrophenol	9.85	184	36632	67.860	nq	99
55) Dibenzofuran	9.97	168	318788	44.120	nq	99
56) 4-Nitrophenol	9.91	139	63515	85.901	nq	93
57) 2,4-Dinitrotoluene	9.97	165	77154	43.999	nq	89
58) Fluorene	10.32	166	262423	43.919	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	53228	44.692	nq	98
60) Diethylphthalate	10.19	149	270923	42.378	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	115126	42.945	nq	95
62) 4-Nitroaniline	10.35	138	59108	39.186	nq	98
63) Azobenzene	10.46	77	288610	44.100	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	32356	43.675	nq	96
66) n-Nitrosodiphenylamine	10.43	169	228619	42.918	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	62850	40.045	nq	97
68) Hexachlorobenzene	10.87	284	67095	39.918	nq	94
69) Atrazine	10.96	200	70606	52.097	nq	97
70) Pentachlorophenol	11.07	266	48156	95.570	nq	98
71) Phenanthrene	11.27	178	365815	43.236	nq	99
72) Anthracene	11.33	178	384639	44.306	nq	99
73) Carbazole	11.49	167	353315	44.533	nq	99
74) Di-n-butylphthalate	11.81	149	444734	41.953	nq	99
75) Fluoranthene	12.46	202	374809	44.251	nq	99
77) Benzidine	12.59	184	217287	Below	Cal	98
78) Pyrene	12.69	202	381729	40.413	nq	100
80) Butylbenzylphthalate	13.30	149	182717	38.873	nq	98
81) Benzo(a)anthracene	13.89	228	313053	42.203	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	63052	27.088	nq	98
83) Chrysene	13.92	228	305669	42.046	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	263646	40.041	nq #	96
85) Di-n-octyl phthalate	14.48	149	437629	43.229	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	218718	40.296	nq	98
88) Benzo(b)fluoranthene	14.92	252	266183	43.635	nq	97
89) Benzo(k)fluoranthene	14.94	252	247467	39.580	nq	99
90) Benzo(a)pyrene	15.27	252	230610	41.579	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	189901	39.598	nq	98
92) Benzo(g,h,i)perylene	17.15	276	178994	39.447	nq	99

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



#1

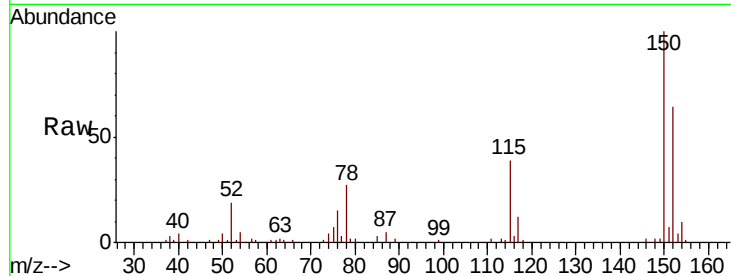
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.8	190.2
115	61.0	51.6	77.4

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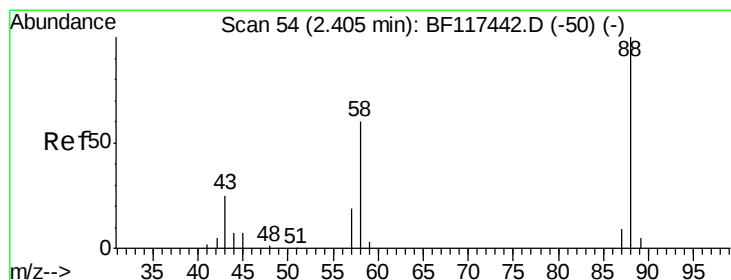
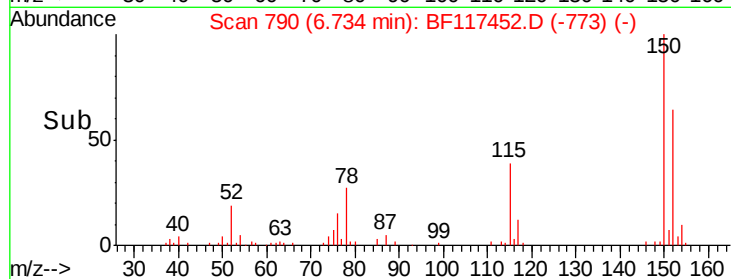
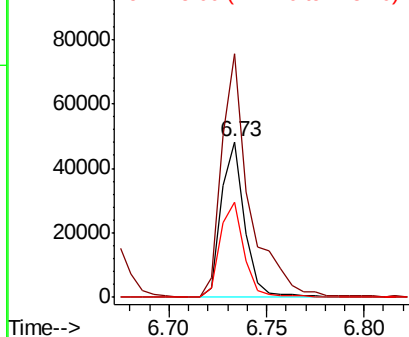


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

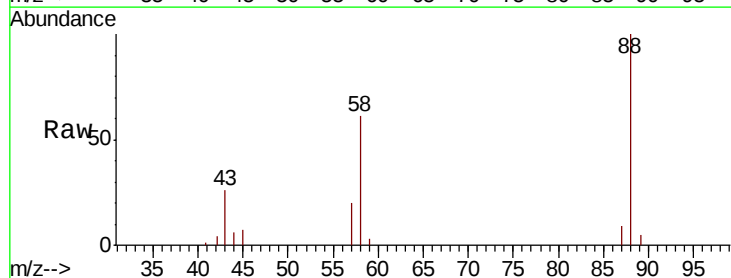
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.075 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.11 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	48.8	73.2
43	29.3	18.5	27.7

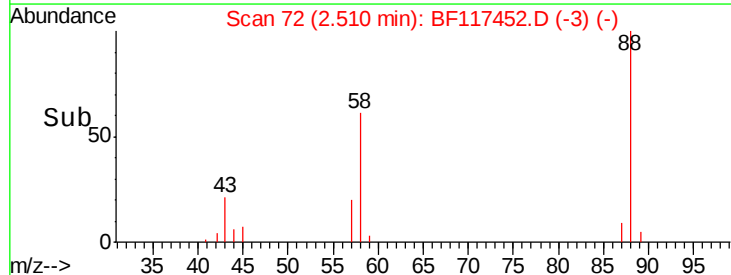
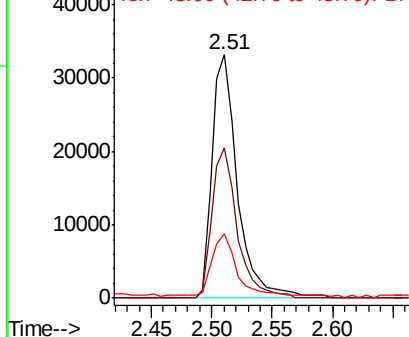


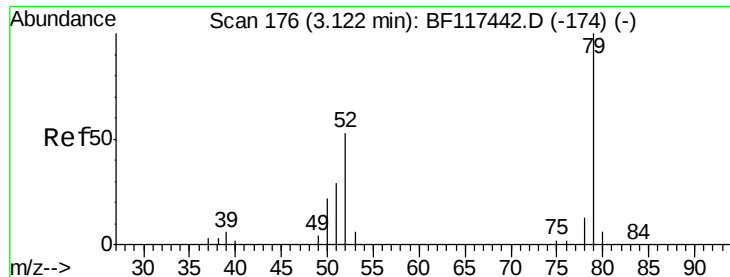
Abundance

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: 36.903 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.11 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

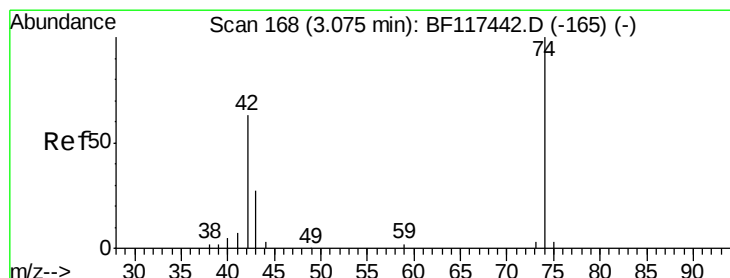
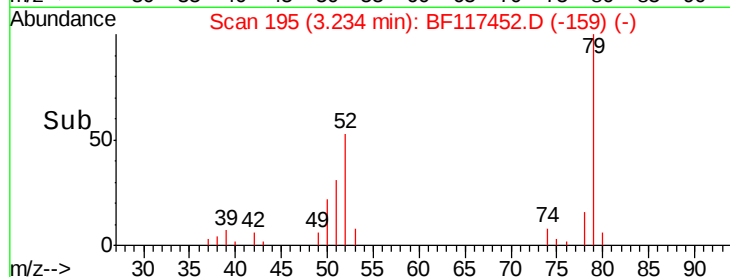
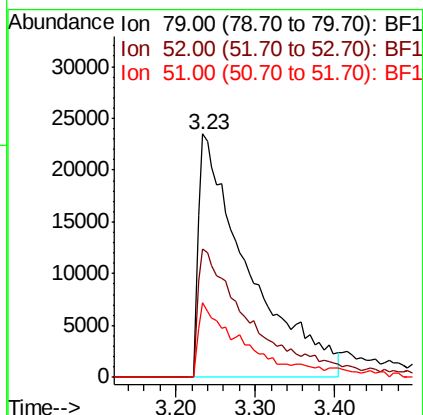
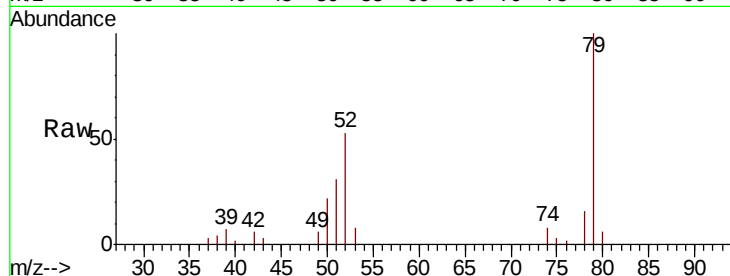
ClientSampleId :

PB124157BS

Tot Ion:	79	Resp:	102853
Ion	Ratio	Lower	Upper
79	100		
52	52.8	42.4	63.6
51	30.9	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 45.192 ng

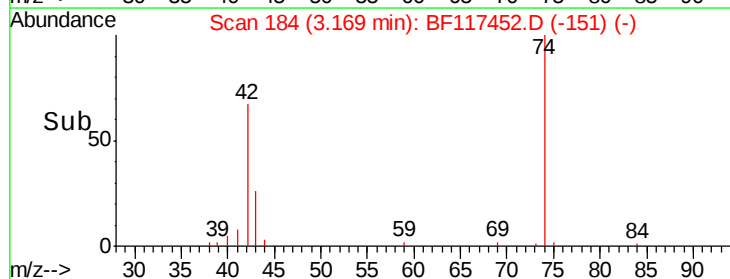
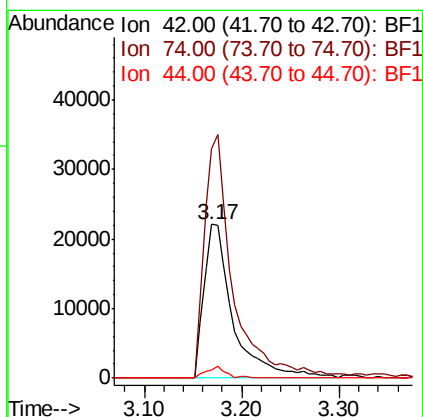
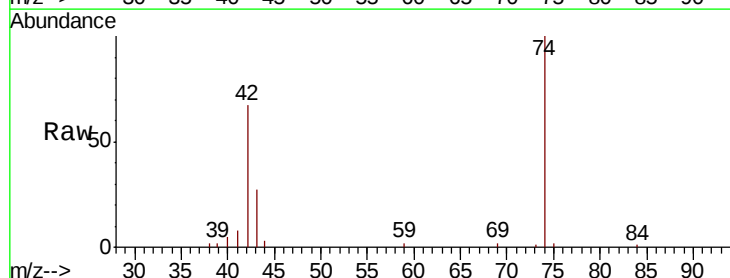
RT: 3.17 min Scan# 184

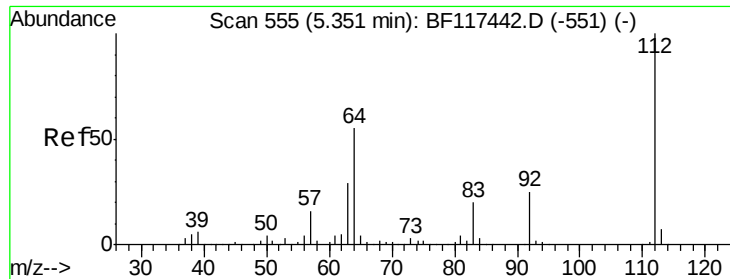
Delta R.T. 0.09 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:	42	Resp:	45694
Ion	Ratio	Lower	Upper
42	100		
74	149.8	124.2	186.4
44	5.2	4.2	6.4





#5

2-Fluorophenol

Concen: 117.302 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

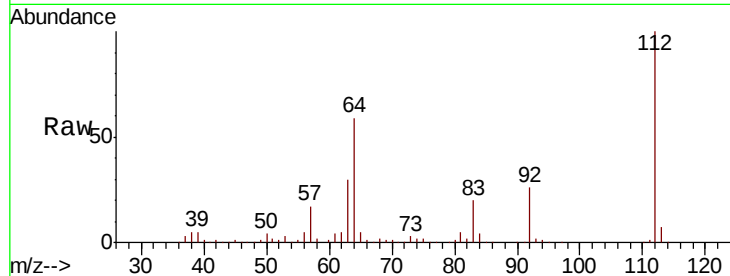
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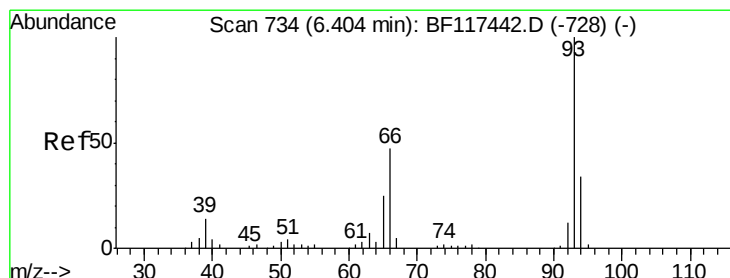
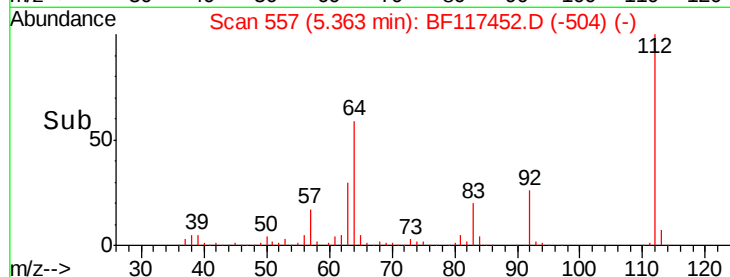
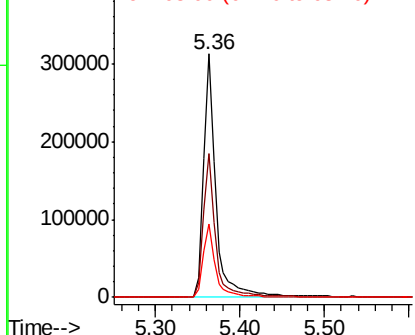
Tot Ion:	112	Resp:	317647
Ion Ratio	Lower	Upper	
112	100		
64	59.1	44.1	66.1
63	30.0	23.4	35.2

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



#6

Aniline

Concen: 33.067 ng

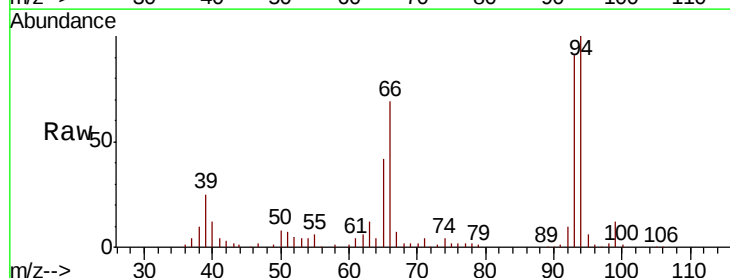
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

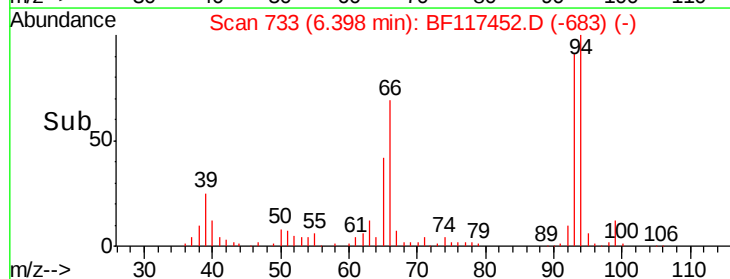
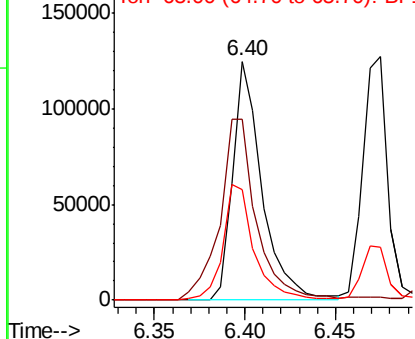
Lab File: BF117452.D

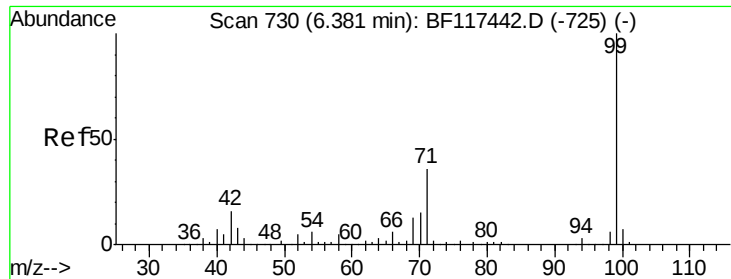
Acq: 21 Oct 2019 17:29

Tgt Ion:	93	Resp:	141194
Ion Ratio	Lower	Upper	
93	100		
66	75.9	38.7	58.1#
65	46.3	20.1	30.1#



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





#7

Phenol-d6

Concen: 116.254 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

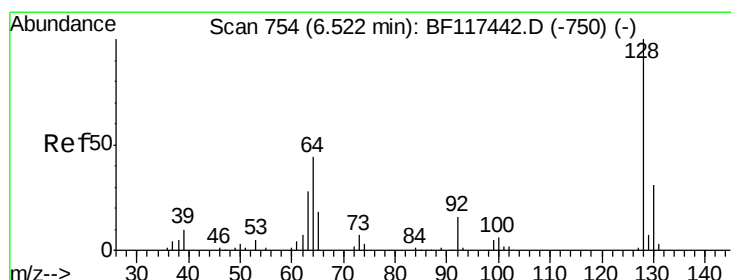
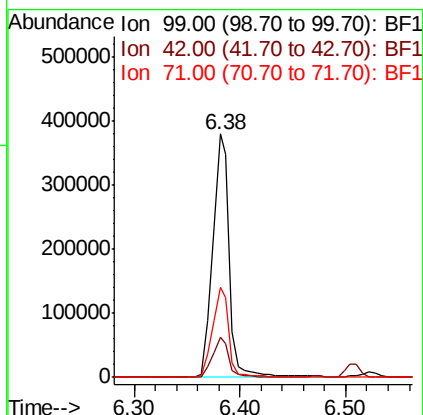
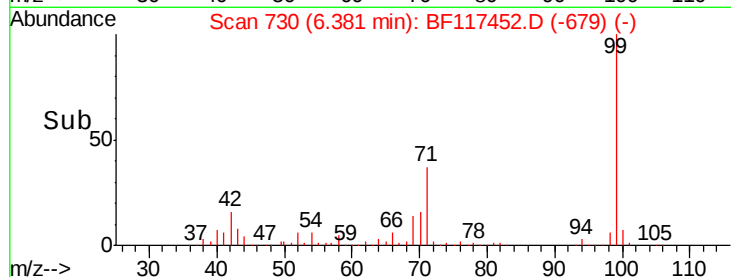
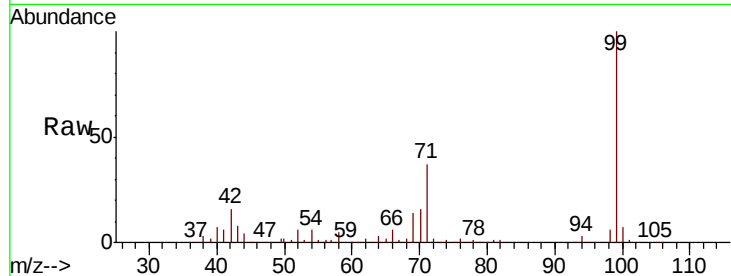
ClientSampleId :

PB124157BS

Tot Ion:	99	Resp:	422822
Ion Ratio	Lower	Upper	
99	100		
42	16.2	12.8	19.2
71	36.8	28.6	43.0

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#8

2-Chlorophenol

Concen: 44.787 ng

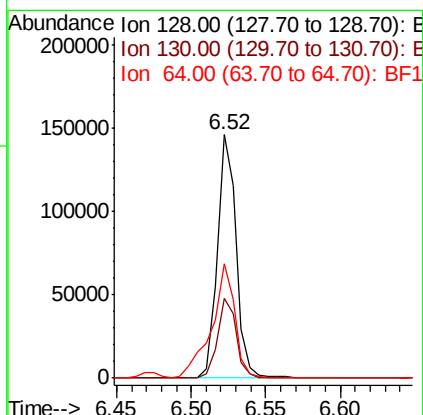
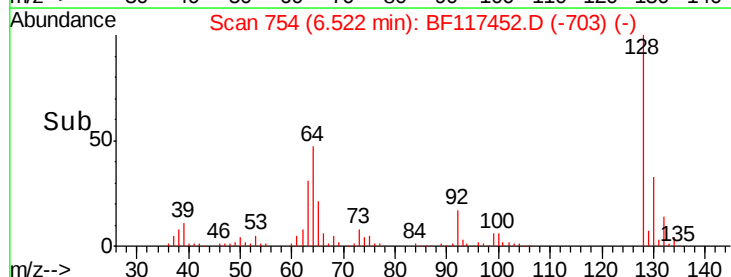
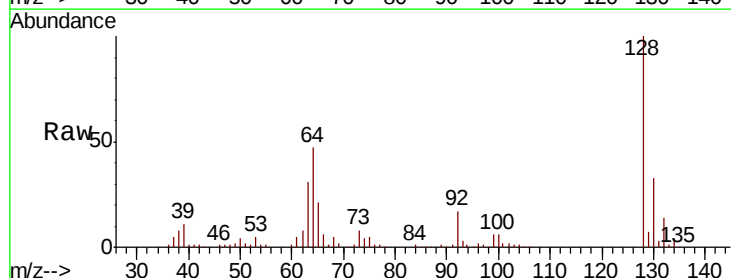
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:	128	Resp:	127975
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.1	51.1
64	46.9	27.1	67.1





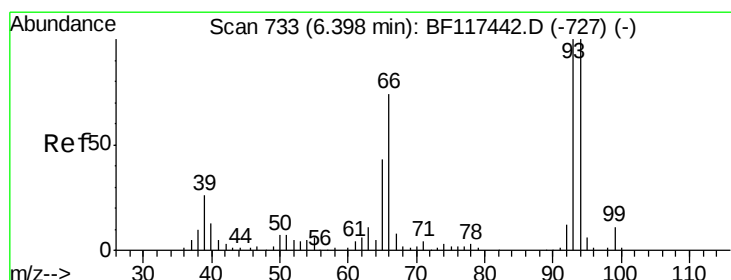
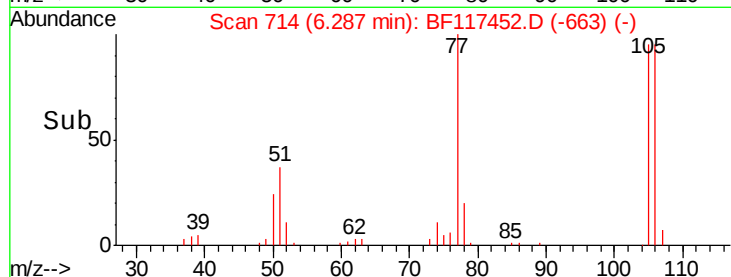
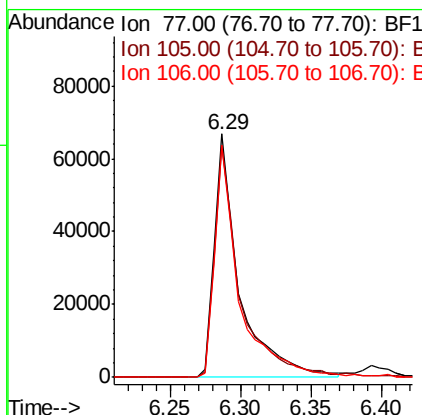
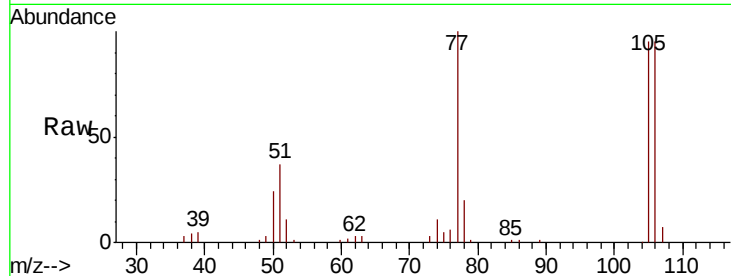
#9
Benzaldehyde
Concen: 49.445 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	73.4	113.4
106	95.1	73.0	113.0

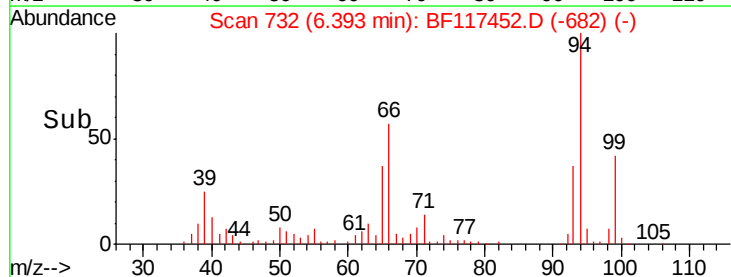
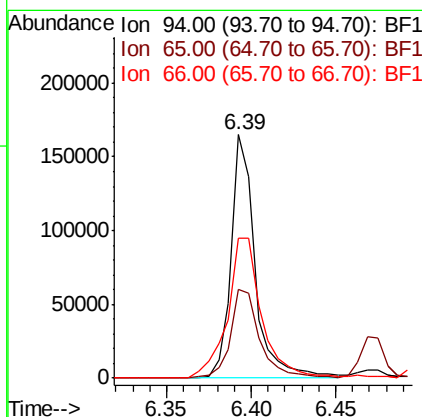
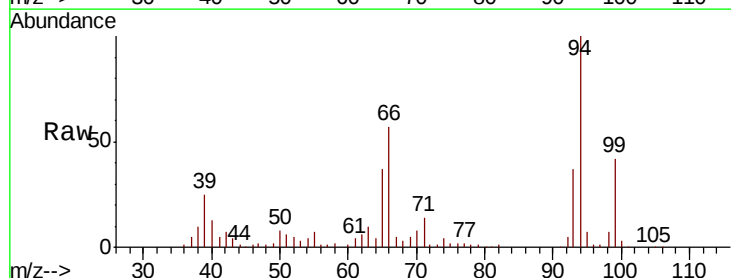
Manual Integrations
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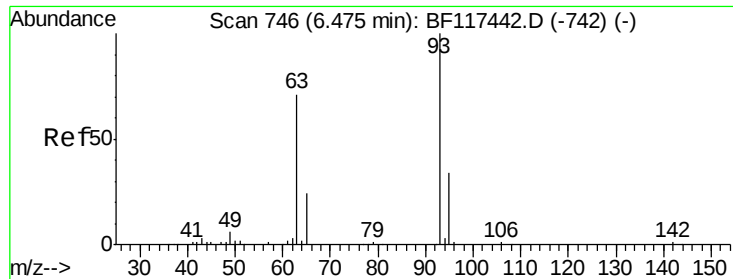
mohammad
10/22/2019 3:29:14 PM



#10
Phenol
Concen: 43.803 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.7	23.4	63.4
66	57.5	54.7	94.7





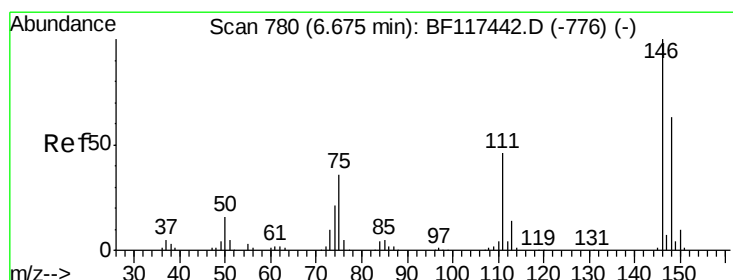
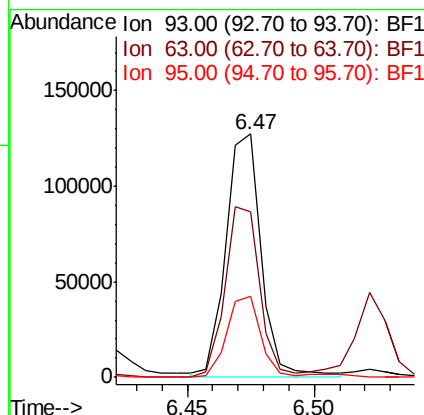
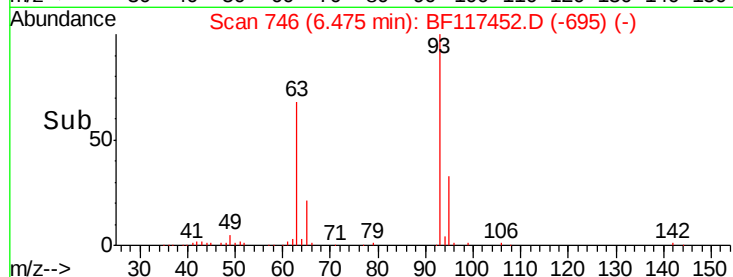
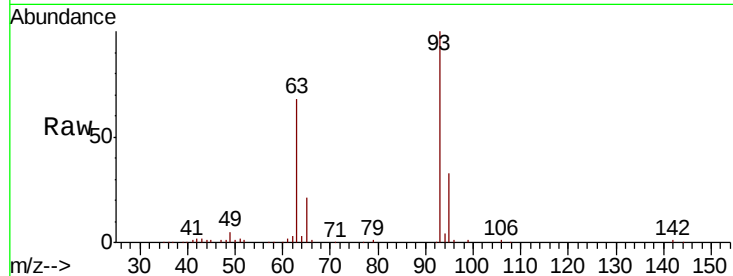
#11
bis(2-Chloroethyl)ether
Concen: 44.861 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	93	Resp	123176
Ion Ratio	Lower	Upper	
93	100		
63	68.0	50.2	90.2
95	33.1	13.9	53.9

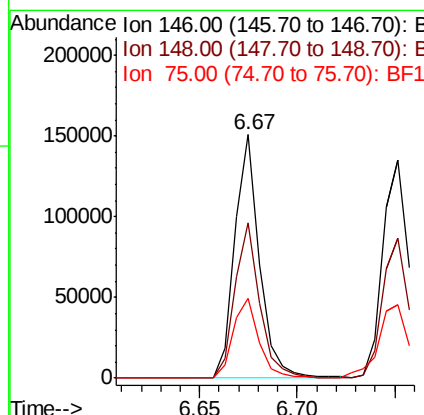
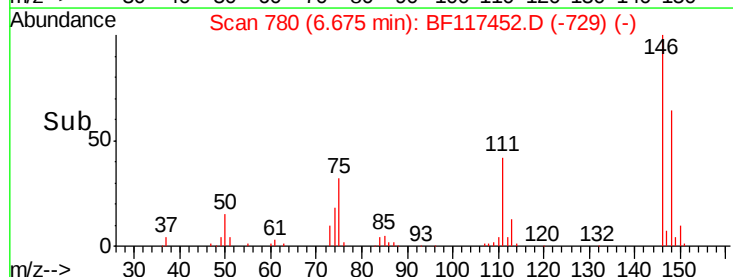
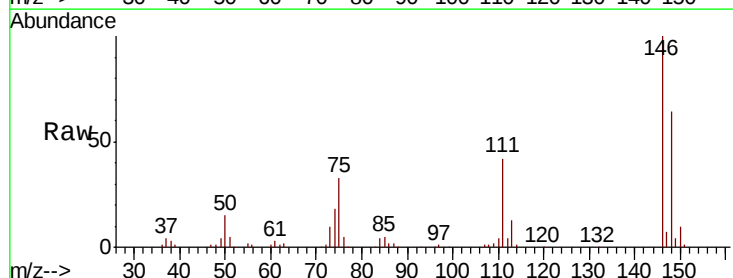
Manual Integrations
APPROVED

mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.585 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	146	Resp	132603
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
75	32.6	28.6	43.0





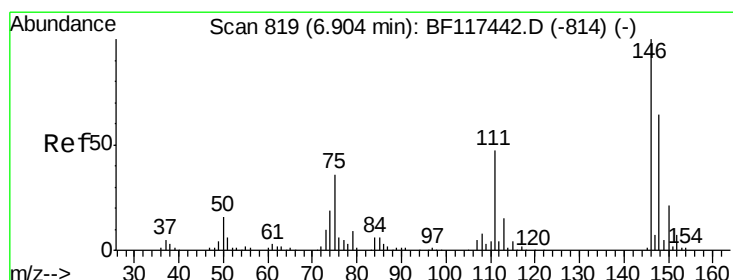
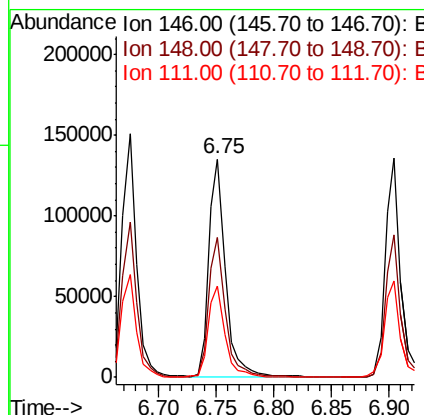
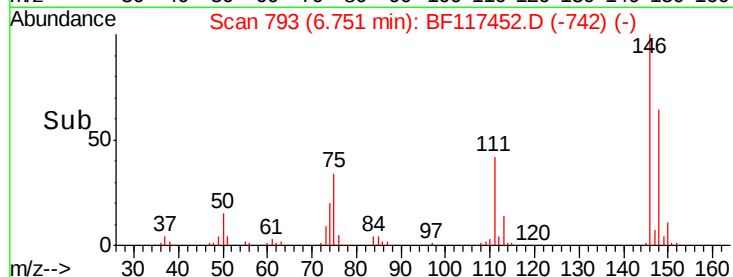
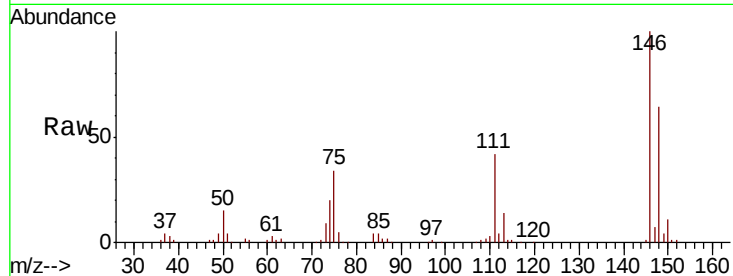
#13
 1,4-Dichlorobenzene
 Concen: 42.455 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB124157BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.3	73.9
111	42.0	33.6	50.4

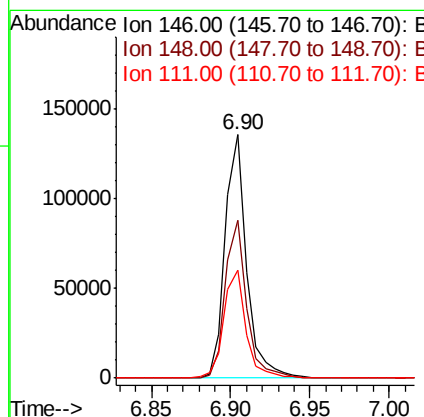
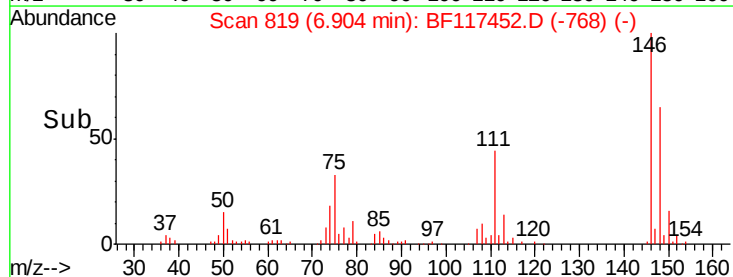
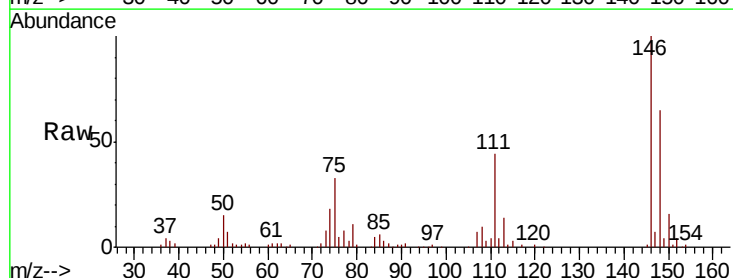
Manual Integrations
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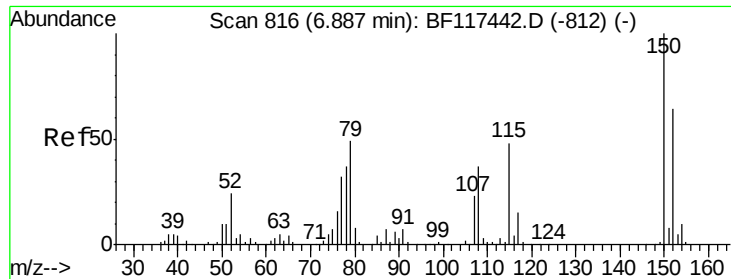
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#14
 1,2-Dichlorobenzene
 Concen: 42.028 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	44.1	37.7	56.5





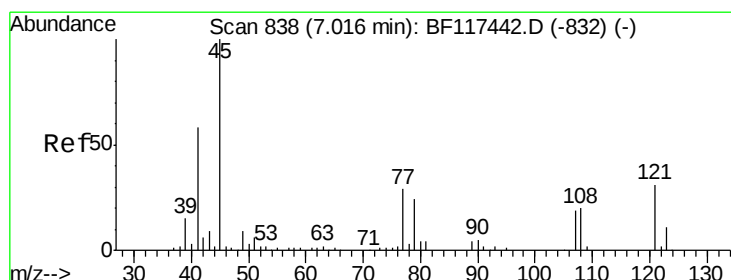
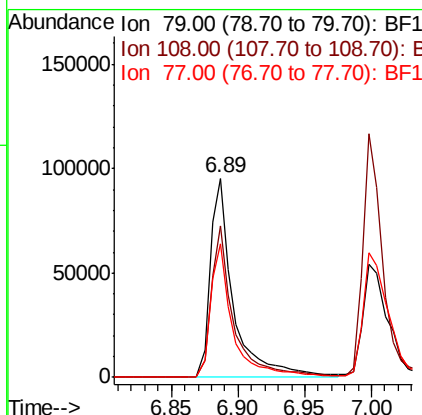
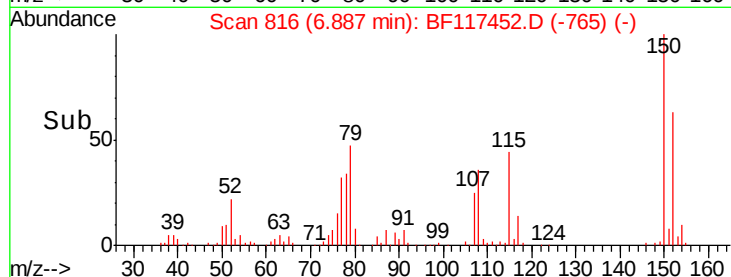
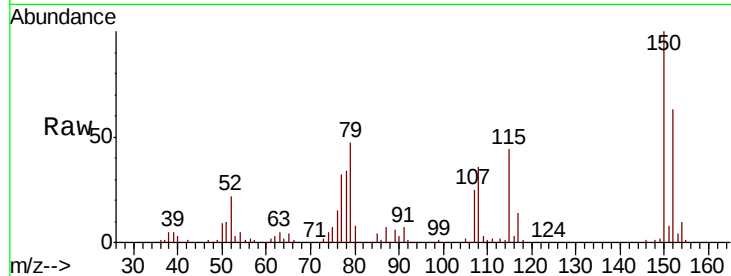
#15
Benzyl Alcohol
Concen: 44.515 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	59.8	89.8
77	66.9	51.4	77.0

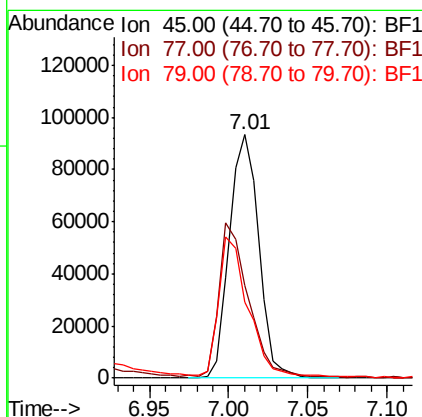
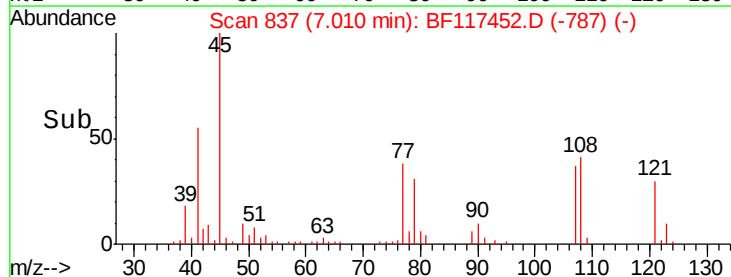
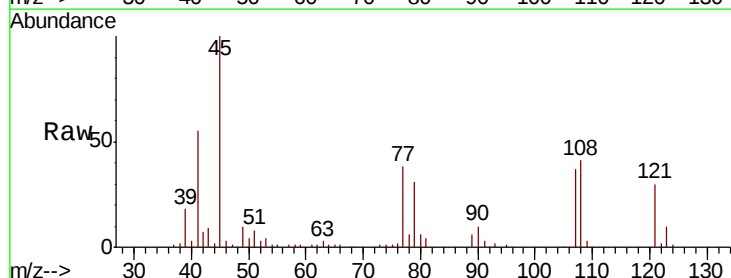
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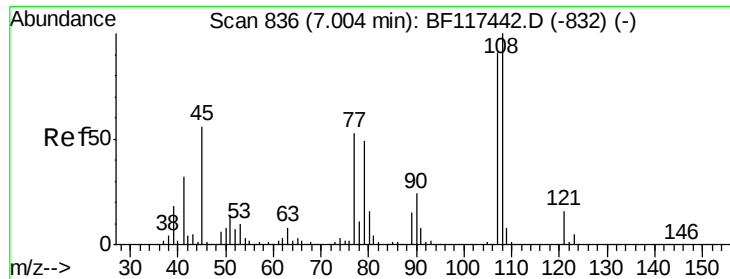
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.339 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.1	9.9	49.9
79	31.0	5.5	45.5





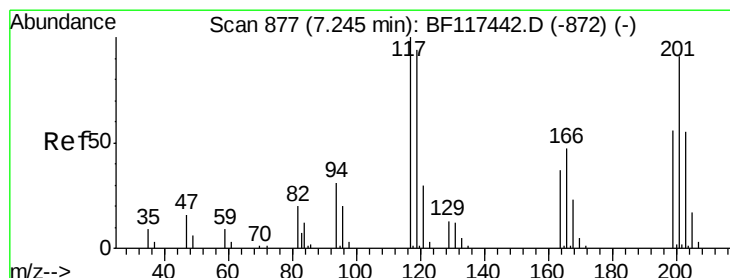
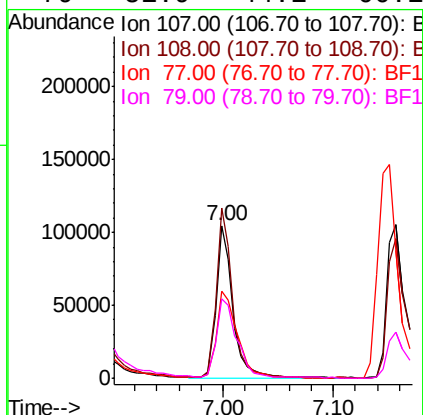
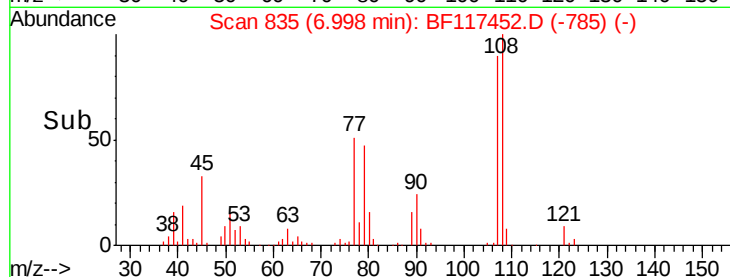
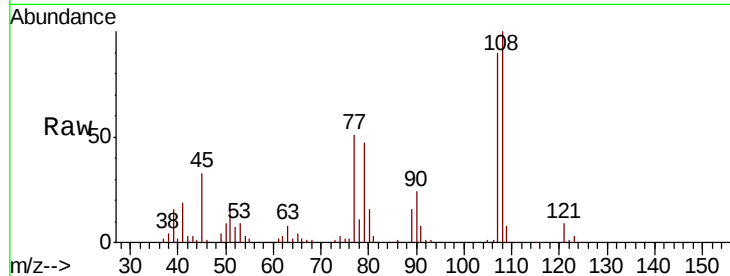
#17
2-Methylphenol
Concen: 46.918 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	88.0	132.0	
77	57.0	47.2	70.8	
79	51.9	44.1	66.1	

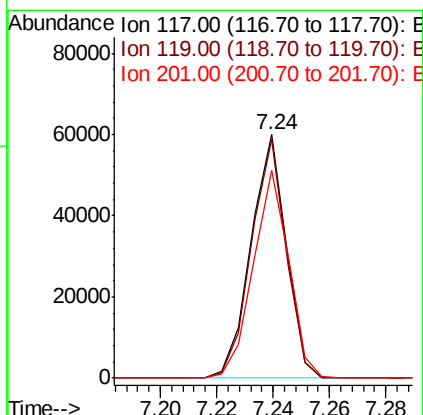
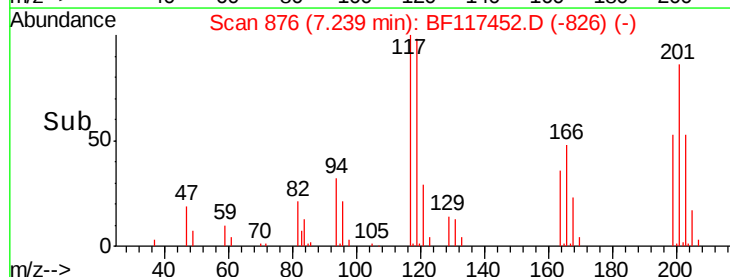
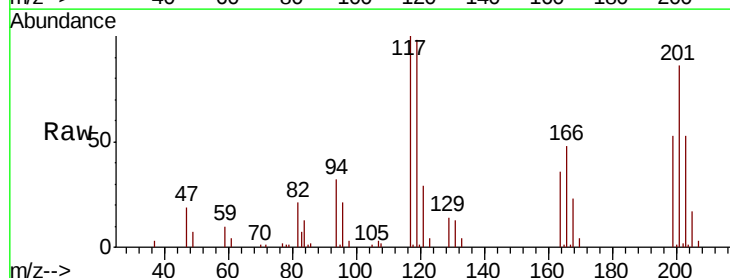
Manual Integrations
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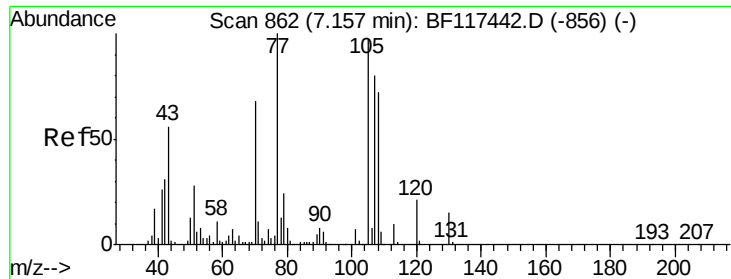
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#18
Hexachloroethane
Concen: 41.308 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	75.4	113.0	
201	85.5	72.5	108.7	





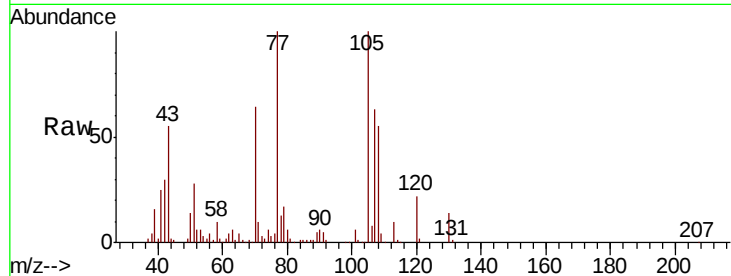
#19
n-Nitroso-di-n-propylamine
Concen: 43.827 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	36.7	55.1
101	9.7	8.3	12.5
130	21.8	18.1	27.1

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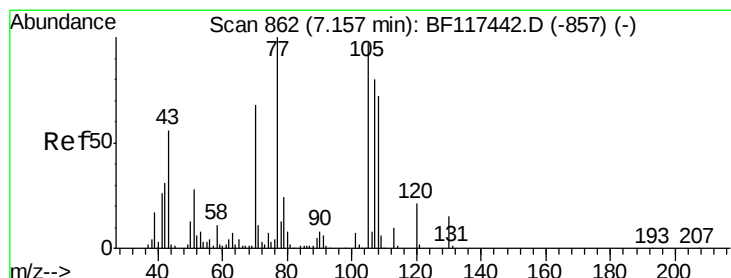
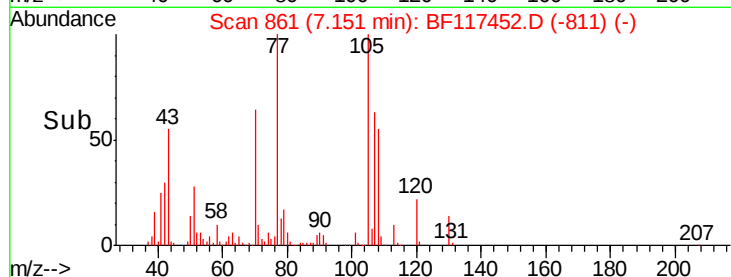
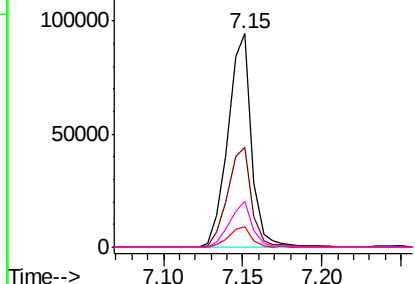
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 45.122 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.3	110.3
77	83.3	104.8	144.8#
79	30.3	10.0	50.0

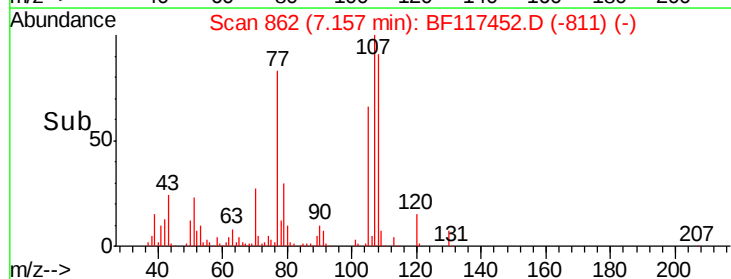
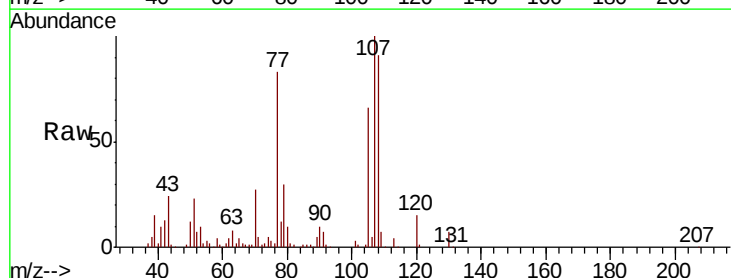
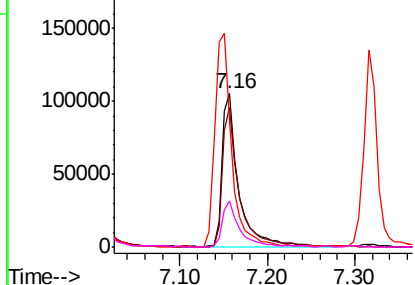
Abundance

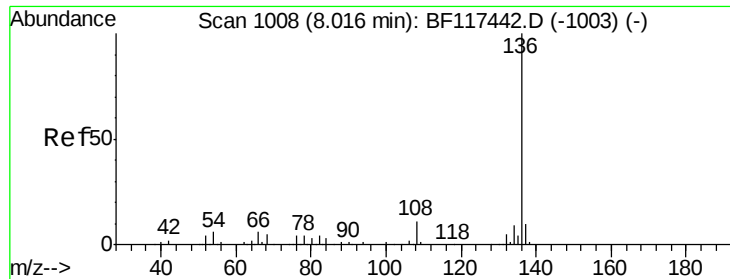
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





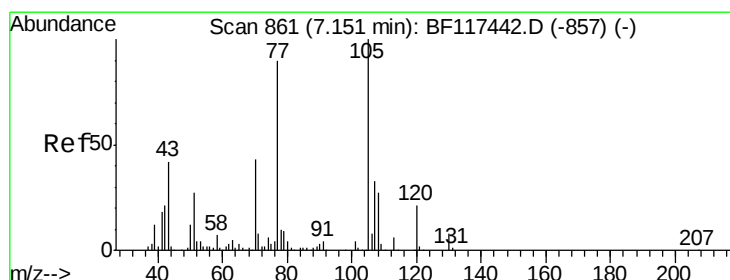
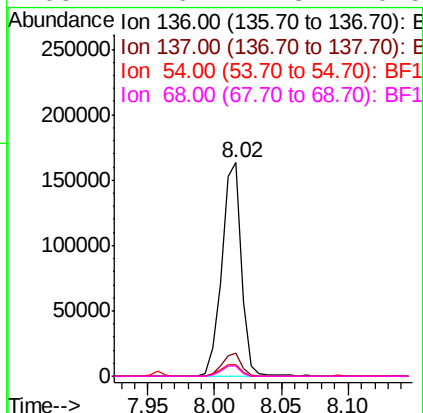
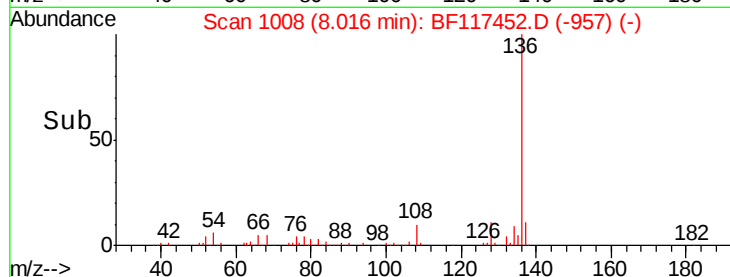
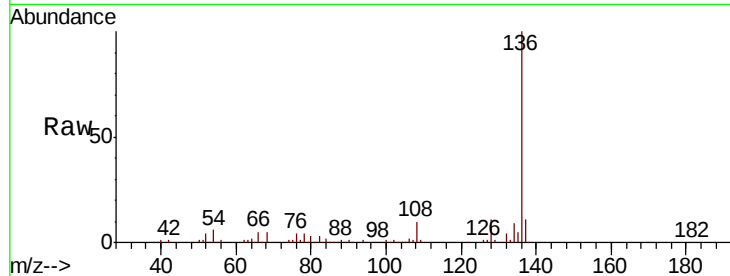
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	170470		
137	10.8	8.2	12.4	
54	5.6	4.5	6.7	
68	4.6	4.3	6.5	

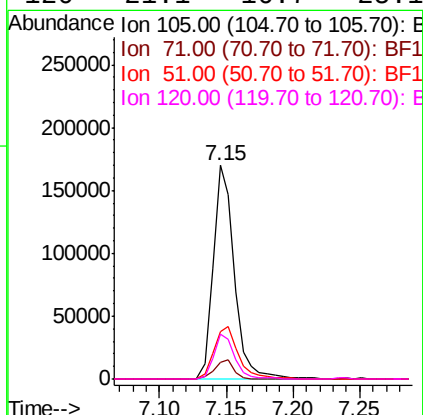
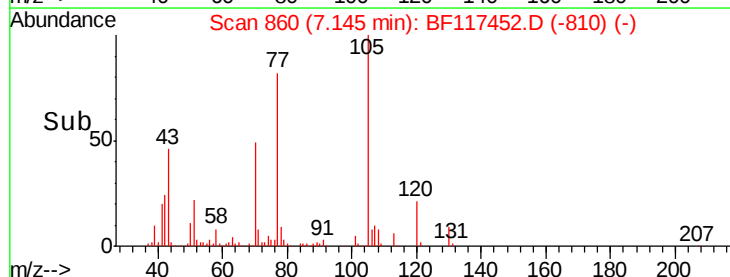
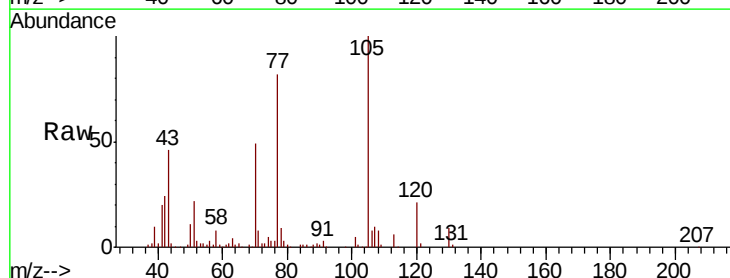
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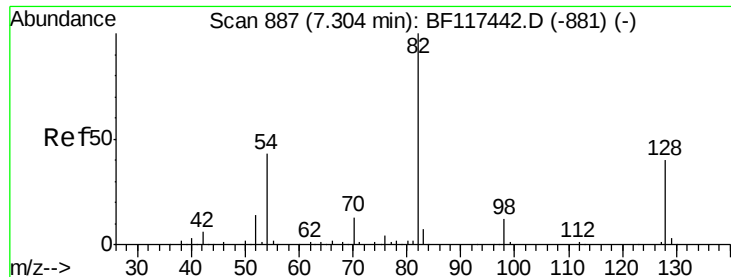
mohammad
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#22
Acetophenone
Concen: 41.886 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189602		
71	7.9	6.2	9.2	
51	22.2	21.8	32.6	
120	21.1	16.7	25.1	





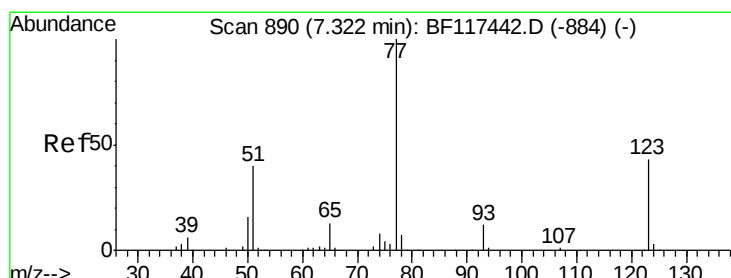
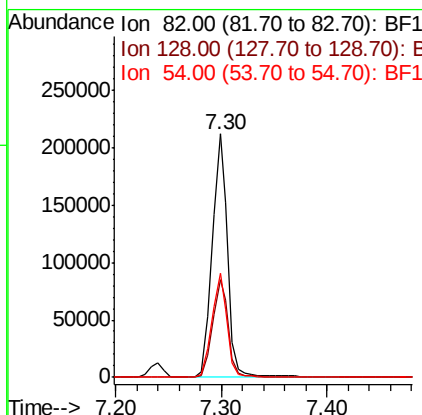
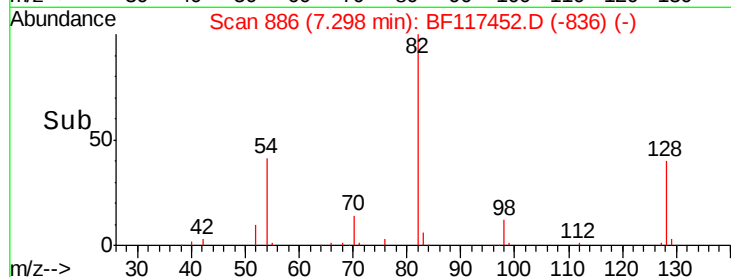
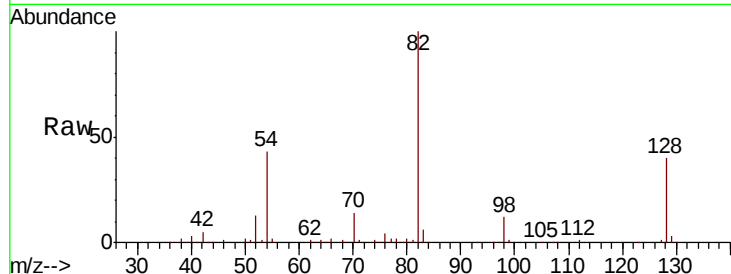
#23
Nitrobenzene-d5
Concen: 63.375 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	218839		
128	39.9		32.2	48.2
54	42.5		34.2	51.2

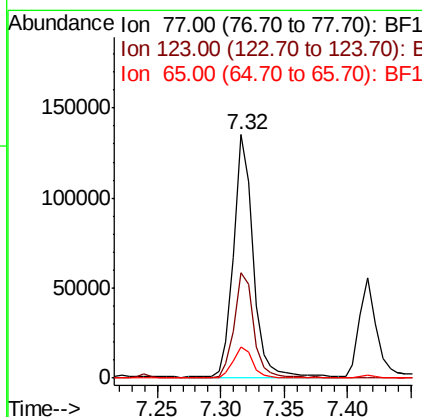
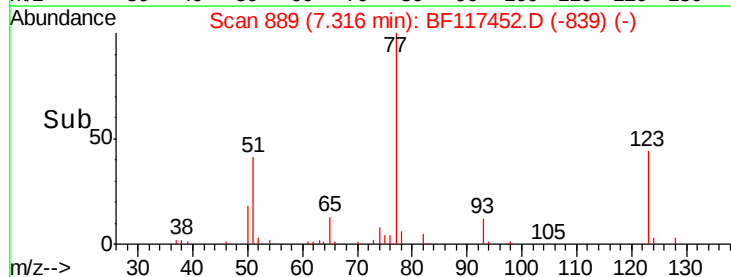
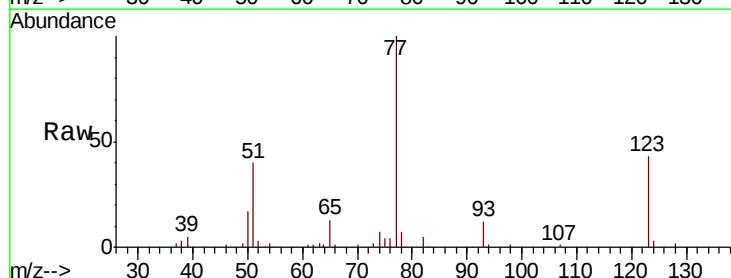
Manual Integrations
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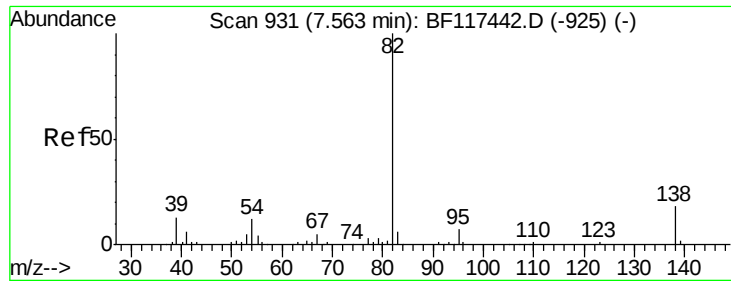
mohammad
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#24
Nitrobenzene
Concen: 43.623 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	144274		
123	43.0		34.2	51.2
65	12.5		10.3	15.5





#25

Isophorone

Concen: 44.505 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

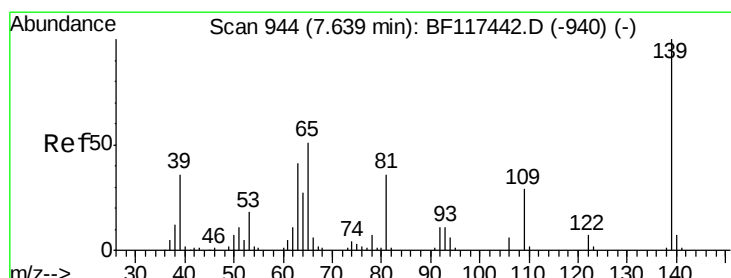
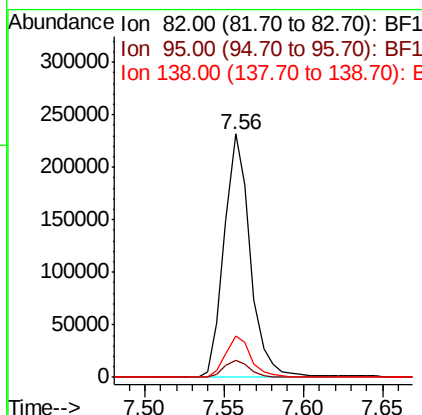
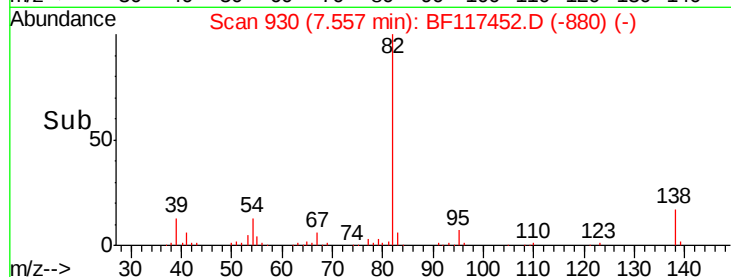
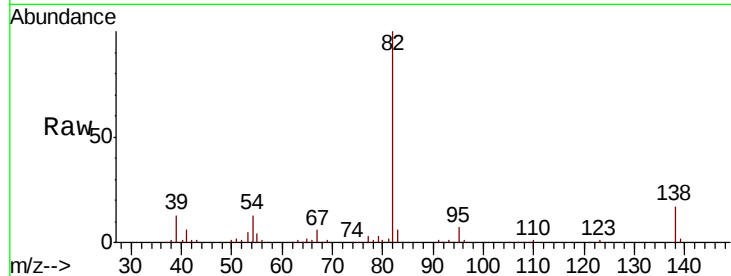
ClientSampleId :

PB124157BS

Tot Ion:	82	Resp:	265849
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.0
138	17.0	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.328 ng

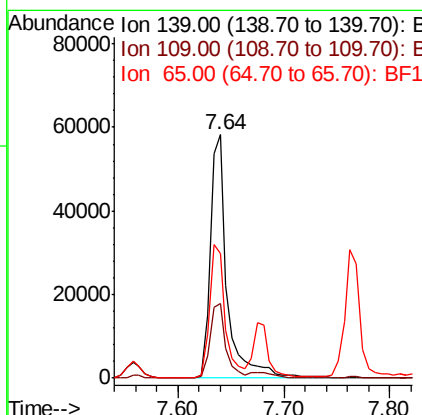
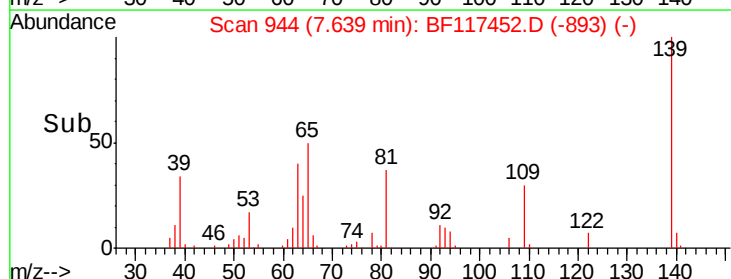
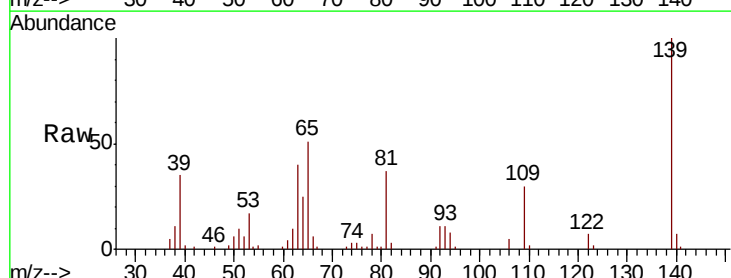
RT: 7.64 min Scan# 944

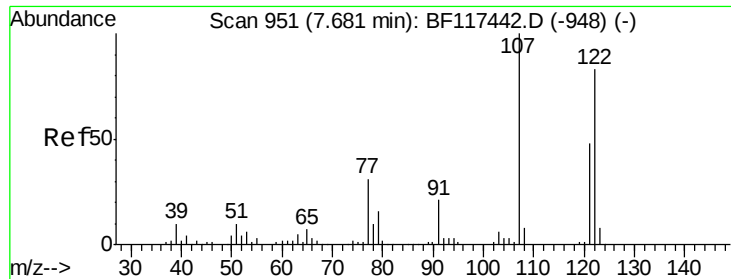
Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:	139	Resp:	65387
Ion Ratio		Lower	Upper
139	100		
109	30.5	23.2	34.8
65	51.4	41.1	61.7





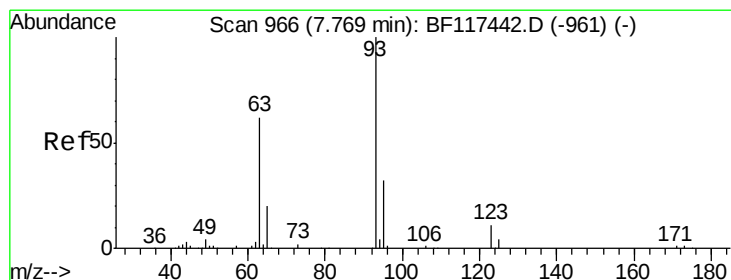
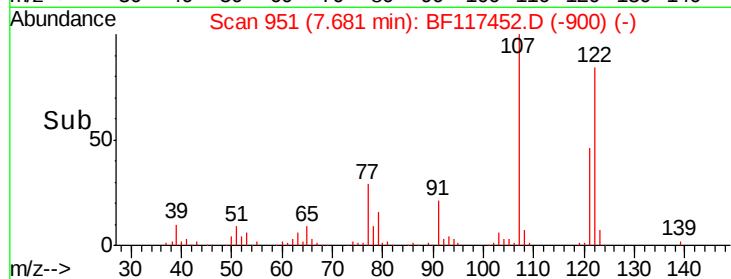
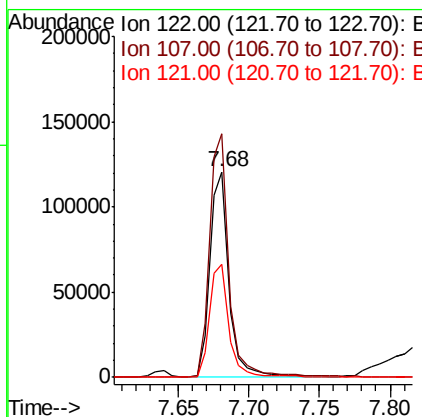
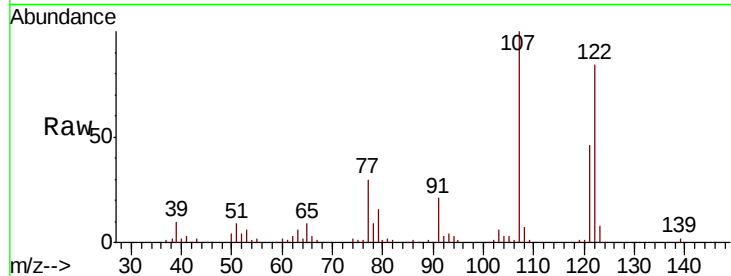
#27
2,4-Dimethylphenol
Concen: 51.061 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	112561		
107	118.5	96.8	145.2	
121	54.8	46.4	69.6	

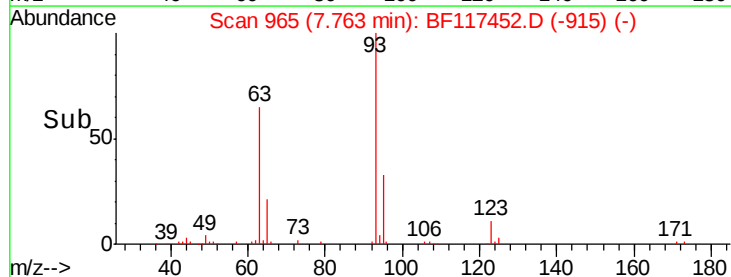
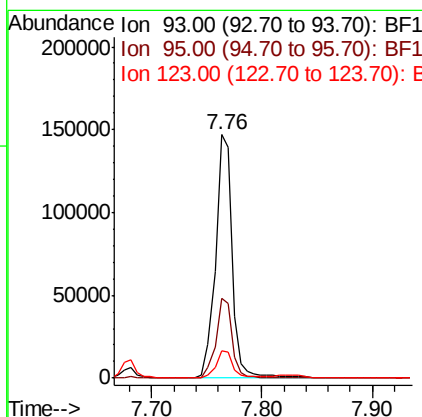
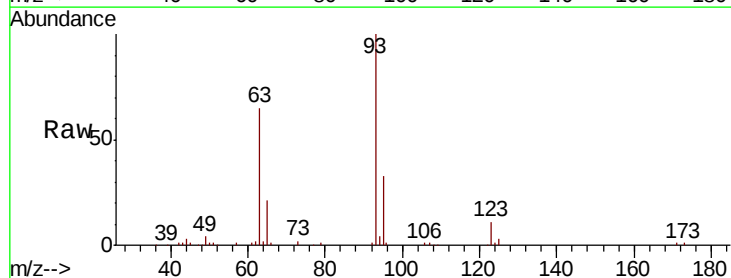
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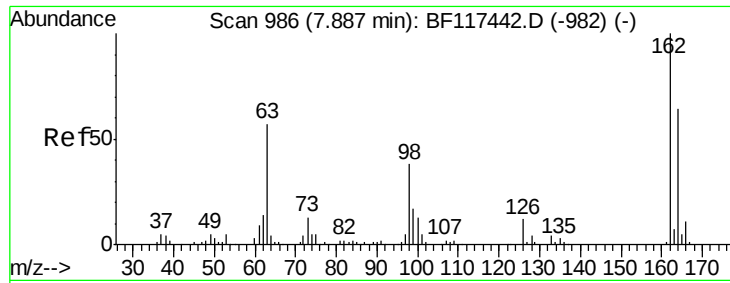
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#28
bis(2-Chloroethoxy)methane
Concen: 41.801 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154078		
95	32.7	25.5	38.3	
123	11.5	9.0	13.6	





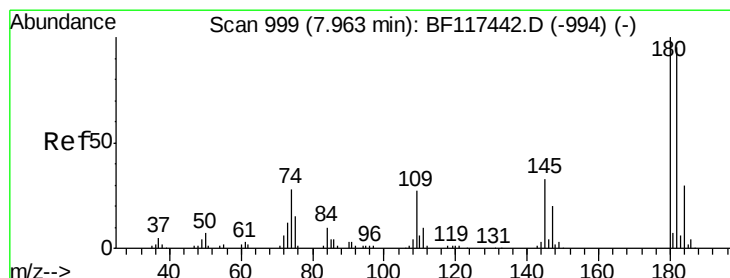
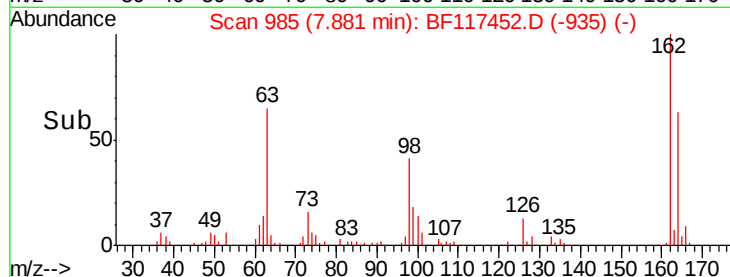
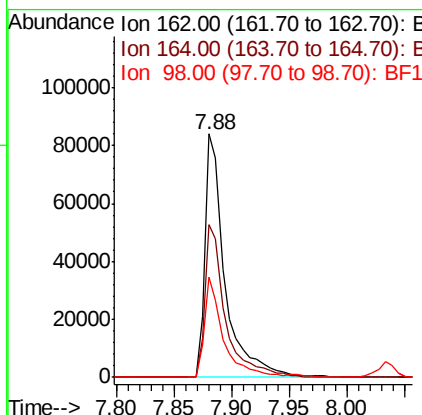
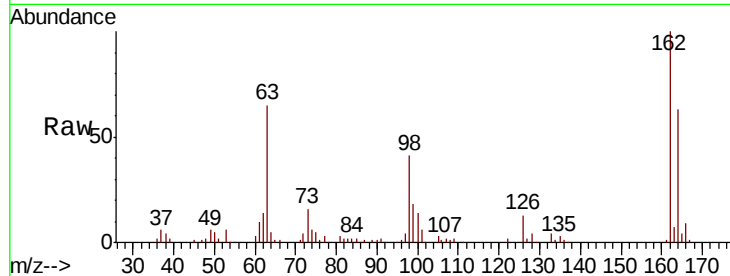
#29
 2,4-Dichlorophenol
 Concen: 44.333 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB124157BS

Tot Ion:	162	Resp:	102507
Ion Ratio	Lower	Upper	
162	100		
164	62.5	44.4	84.4
98	41.3	18.2	58.2

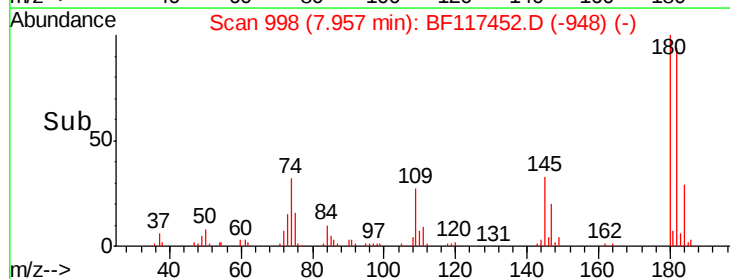
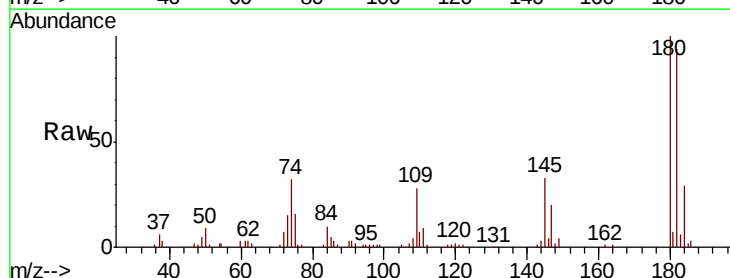
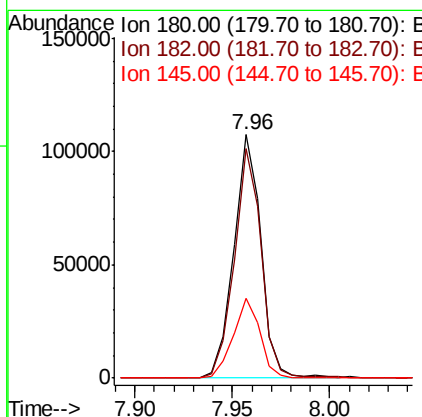
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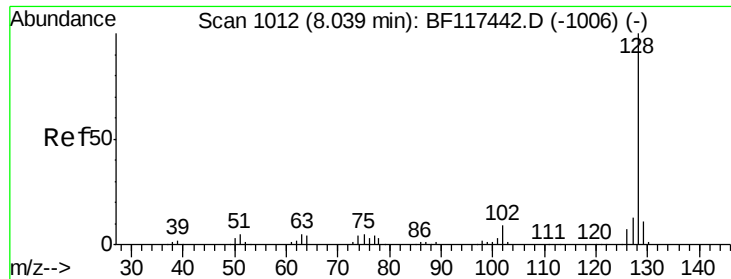
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.733 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:	180	Resp:	103552
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.8	113.8
145	33.0	26.5	39.7





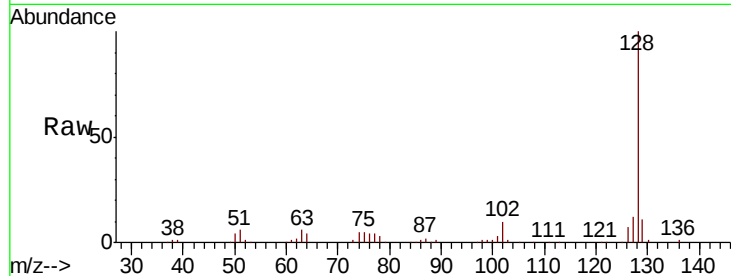
#31
Naphthalene
Concen: 43.874 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

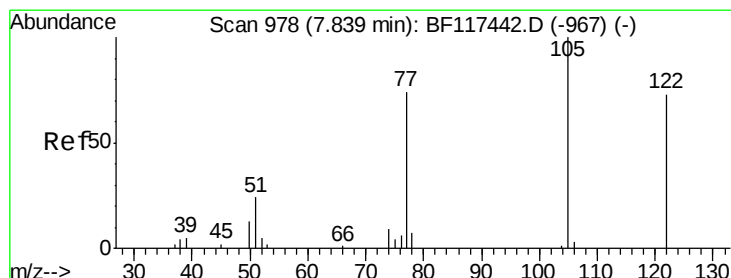
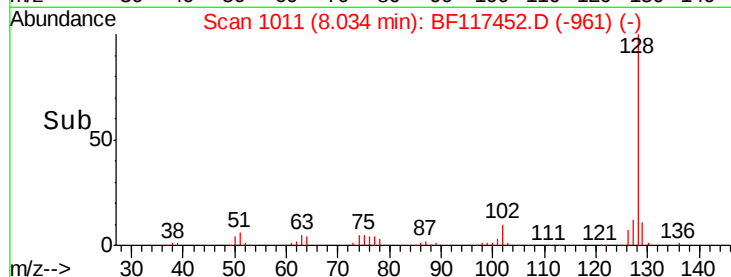
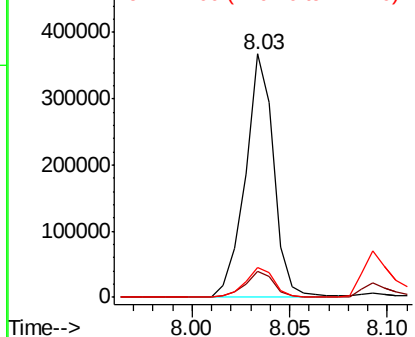
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.1	10.2	15.2

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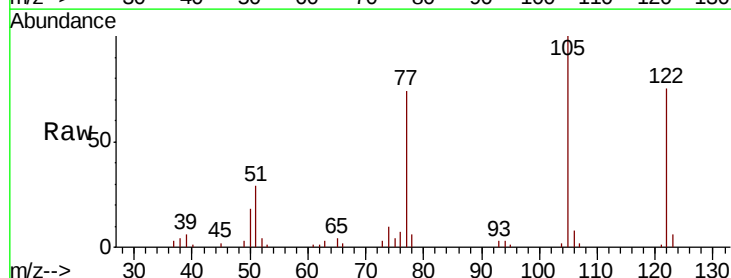


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

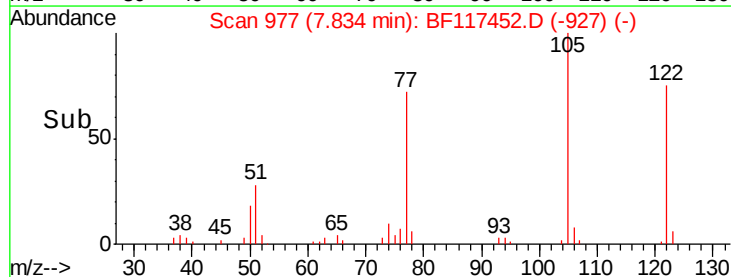
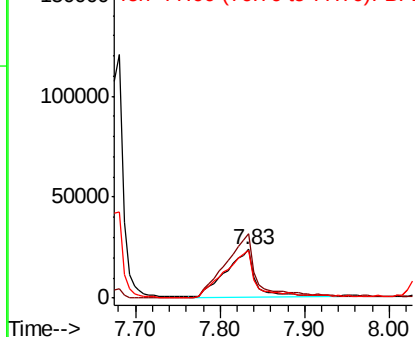


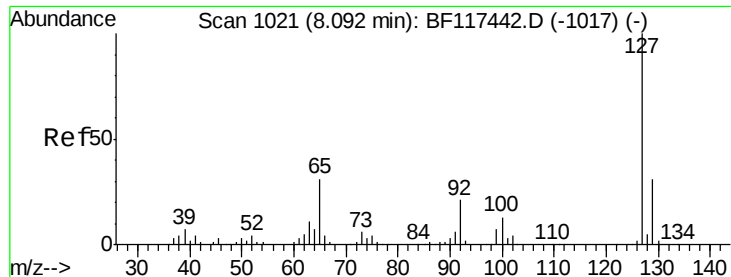
#32
Benzoic acid
Concen: 38.895 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	115.0	155.0
77	97.8	79.7	119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





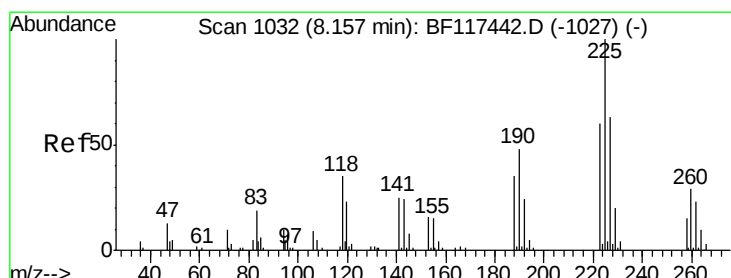
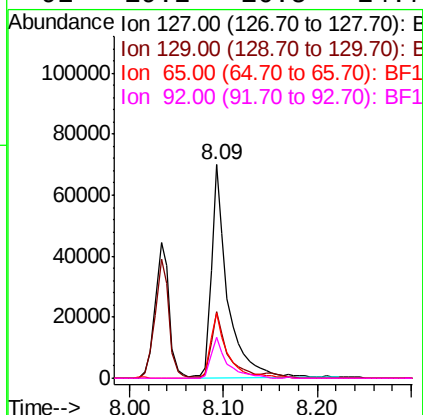
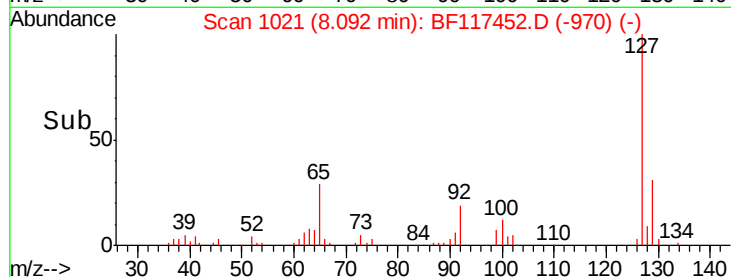
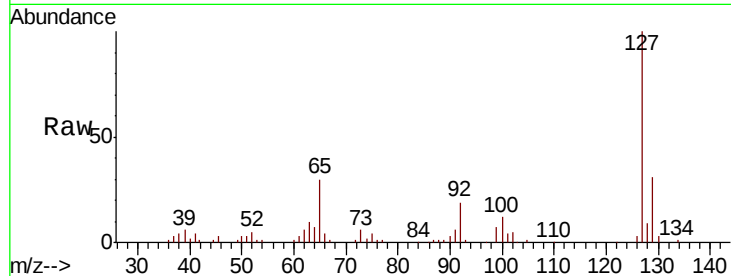
#33
4-Chloroaniline
Concen: 23.679 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	24.8	37.2		
65	30.4	24.6	37.0		
92	19.2	16.5	24.7		

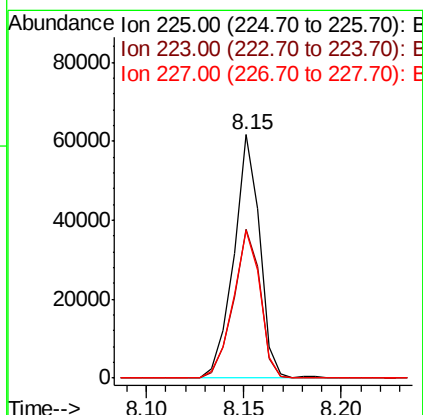
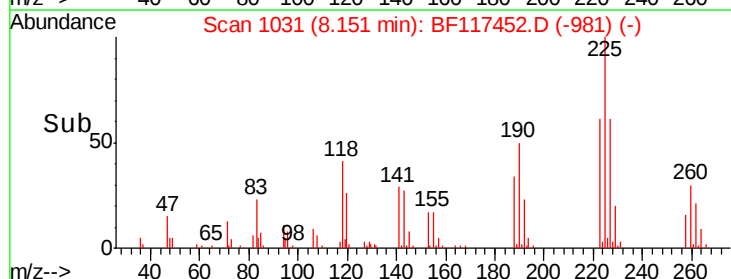
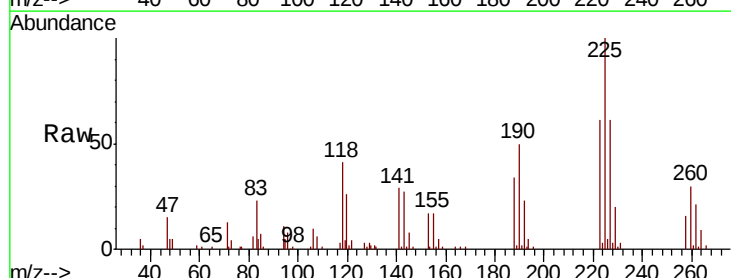
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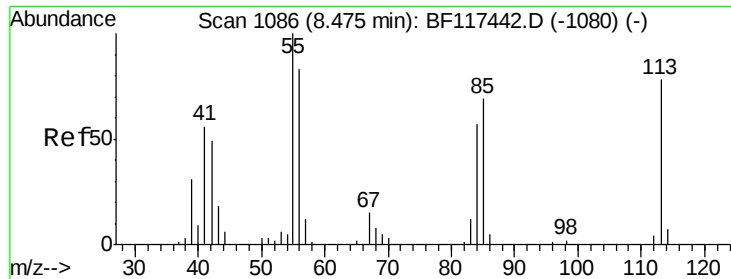
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#34
Hexachlorobutadiene
Concen: 39.361 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	48.2	72.4		
227	60.8	50.2	75.4		





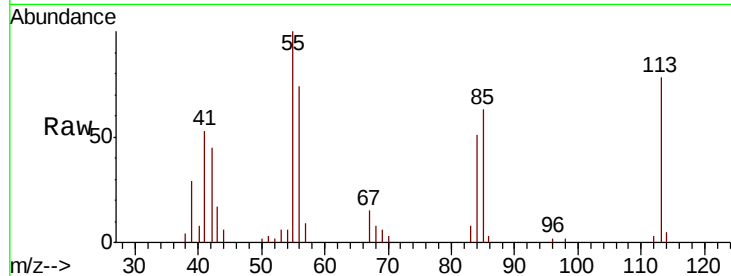
#35
 Caprolactam
 Concen: 45.642 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB124157BS

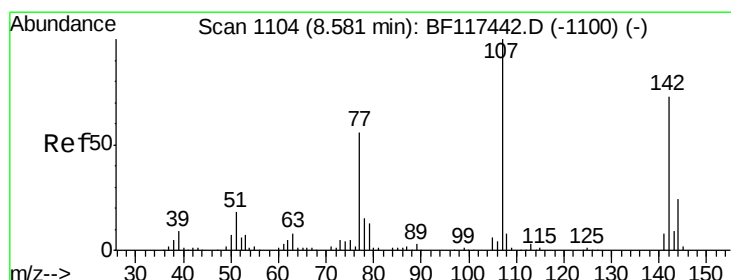
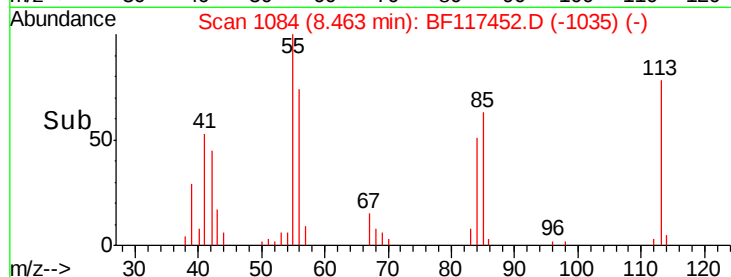
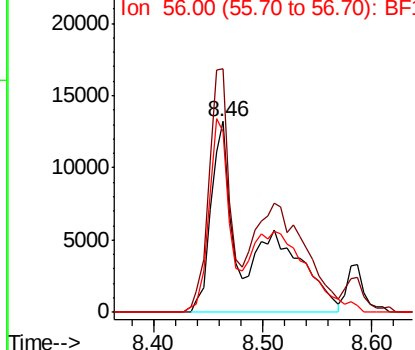
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	127.5	108.8	148.8	
56	94.7	87.2	127.2	

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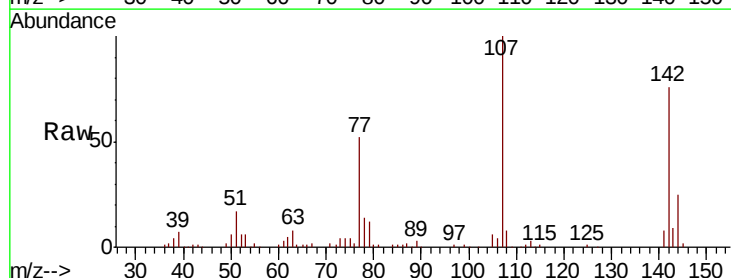


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

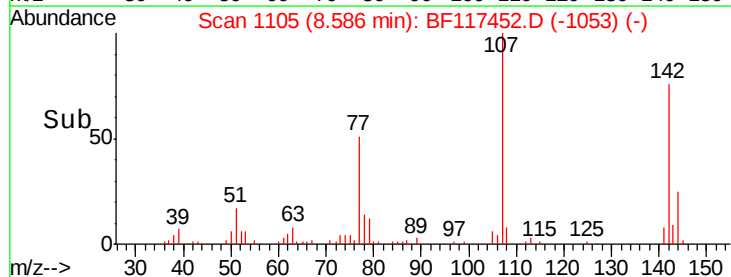
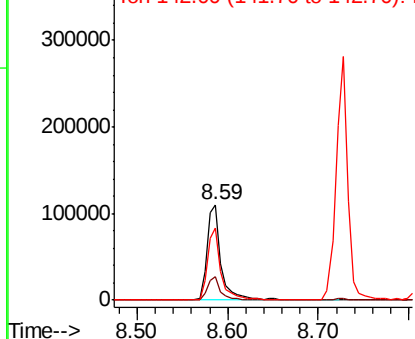


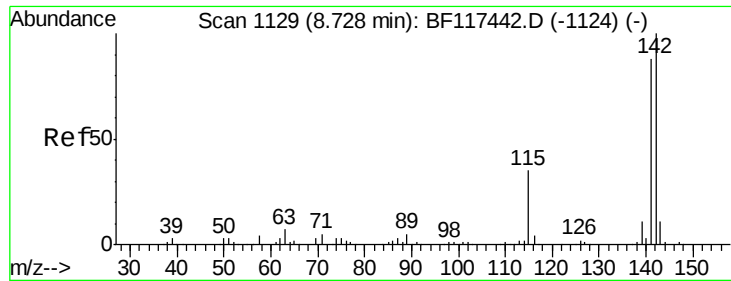
#36
 4-Chloro-3-methylphenol
 Concen: 45.811 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.6	18.9	28.3	
142	75.5	58.6	88.0	



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





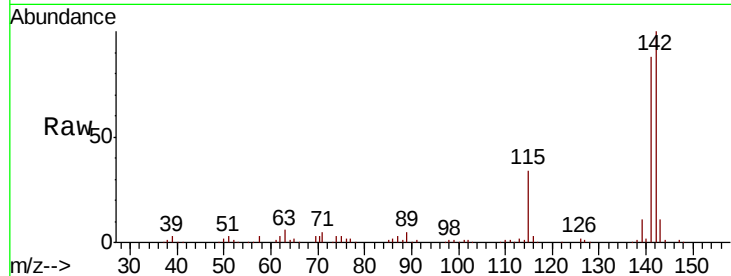
#37
2-Methylnaphthalene
Concen: 44.849 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.3	105.5
115	33.7	28.2	42.2

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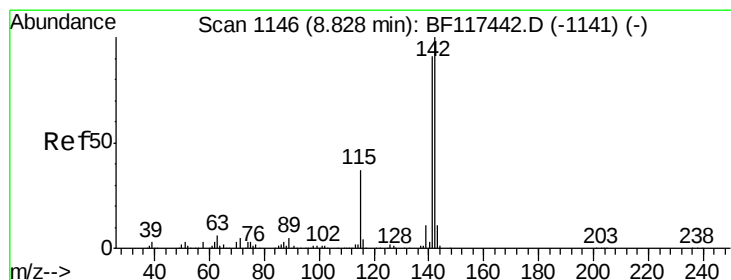
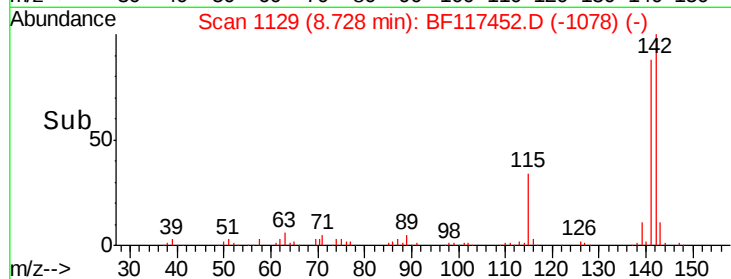
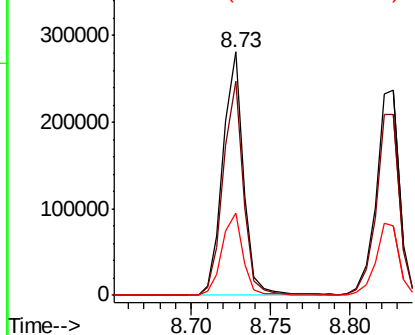


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.895 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

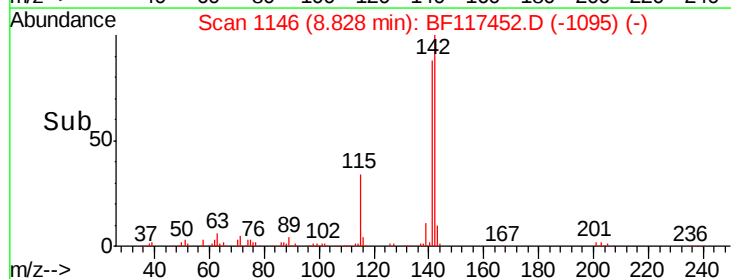
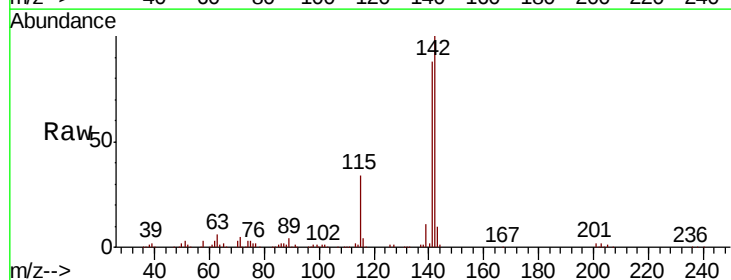
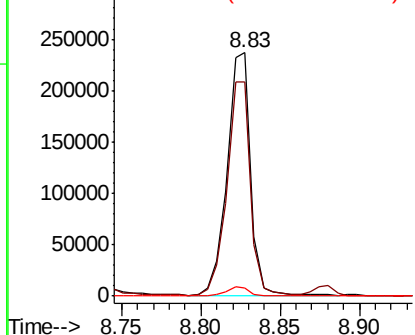
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.3	109.9
116	3.6	3.1	4.7

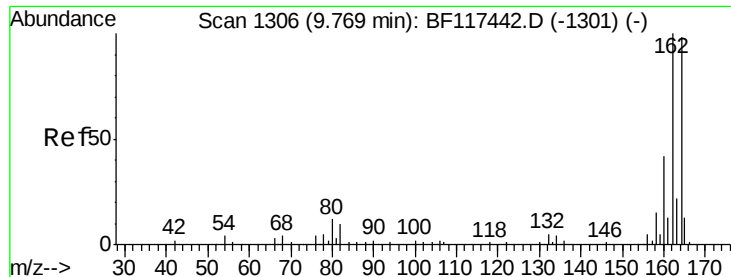
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB124157BS

Tot Ion:164 Resp: 88660

Ion Ratio Lower Upper

164 100

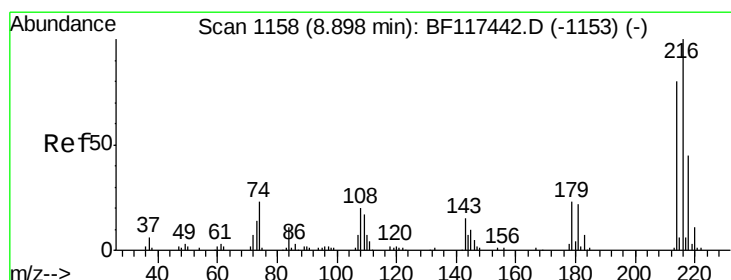
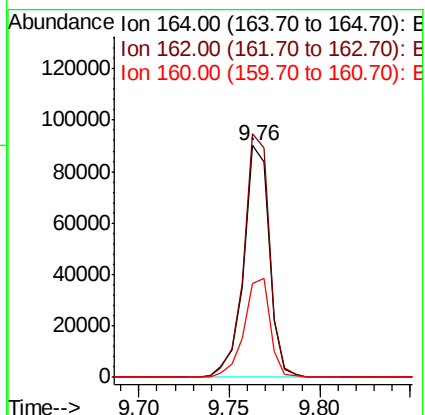
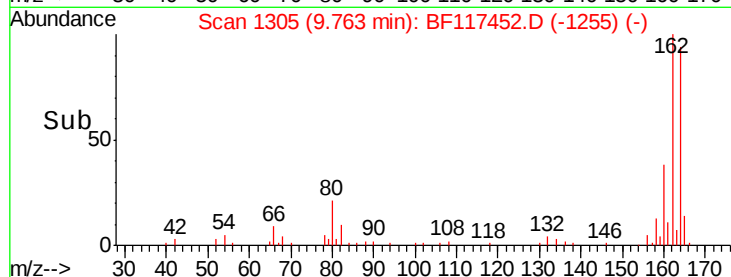
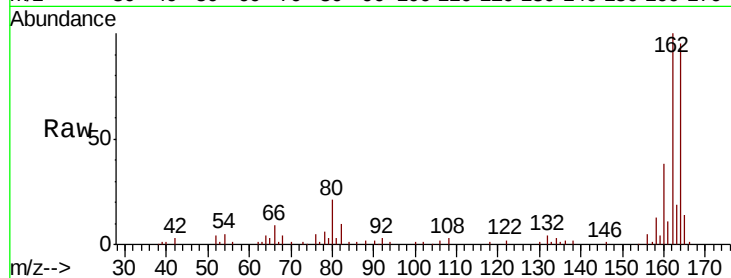
162 105.0 81.8 122.6

160 40.3 34.4 51.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.936 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:216 Resp: 97754

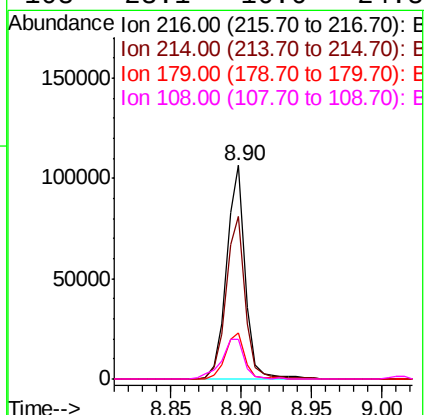
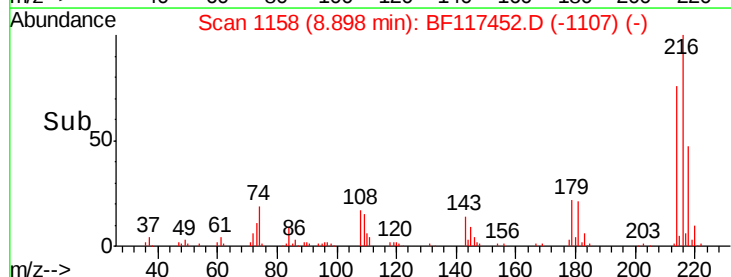
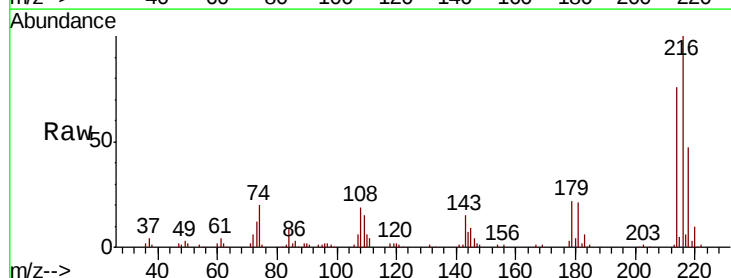
Ion Ratio Lower Upper

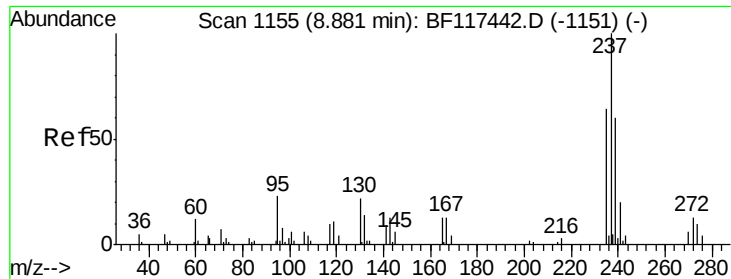
216 100

214 78.7 62.4 93.6

179 22.4 18.1 27.1

108 23.1 16.6 24.8





#41

Hexachlorocyclopentadiene

Concen: 85.543 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

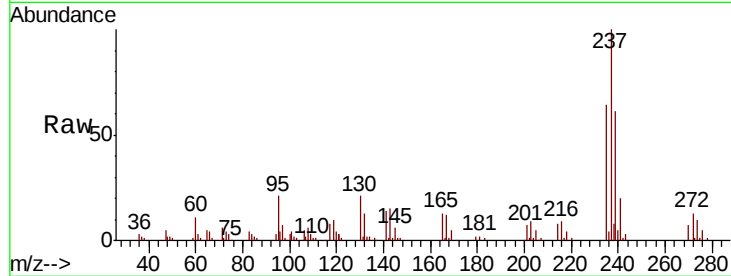
ClientSampleID :

PB124157BS

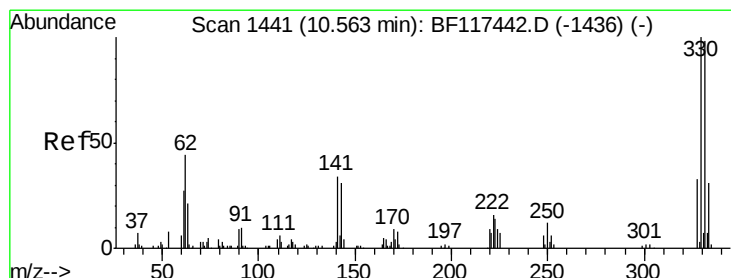
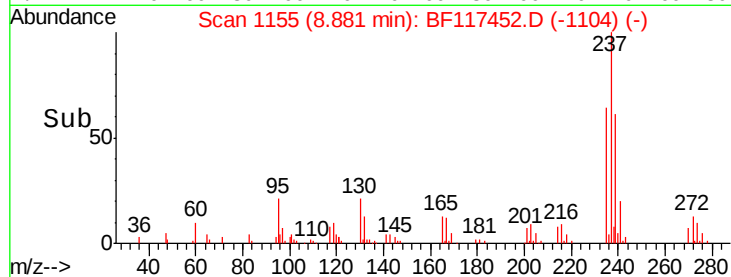
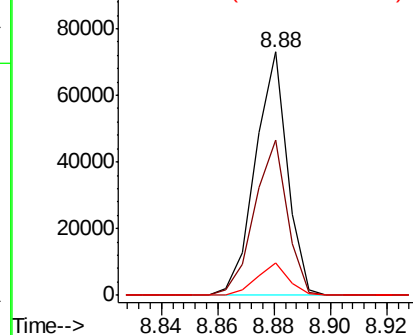
Tot Ion:	237	Resp:	57403
Ion Ratio	Lower	Upper	
237	100		
235	63.6	44.3	84.3
272	13.2	0.0	33.2

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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: 116.008 ng

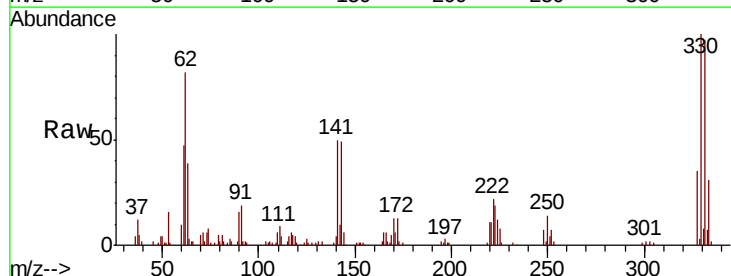
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

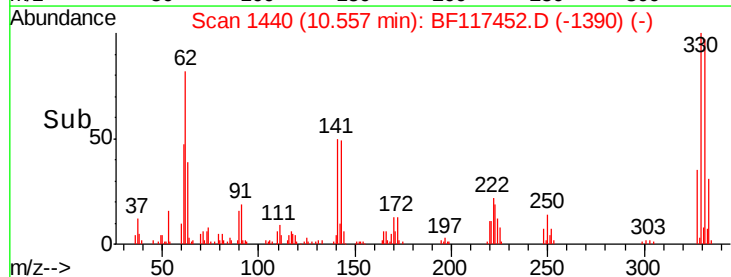
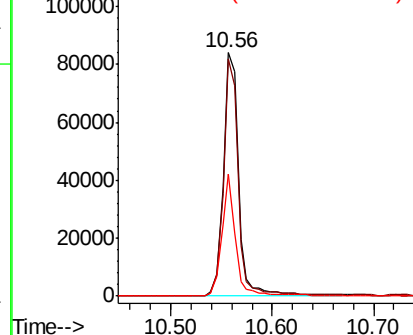
Lab File: BF117452.D

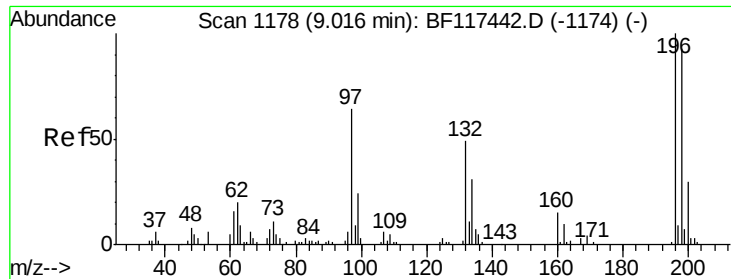
Acq: 21 Oct 2019 17:29

Tgt Ion:	330	Resp:	88994
Ion Ratio	Lower	Upper	
330	100		
332	94.9	78.5	117.7
141	43.7	37.0	55.6



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





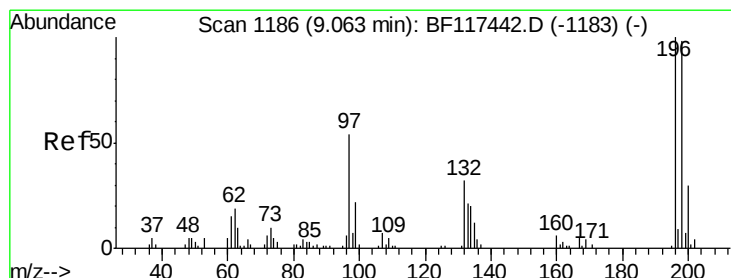
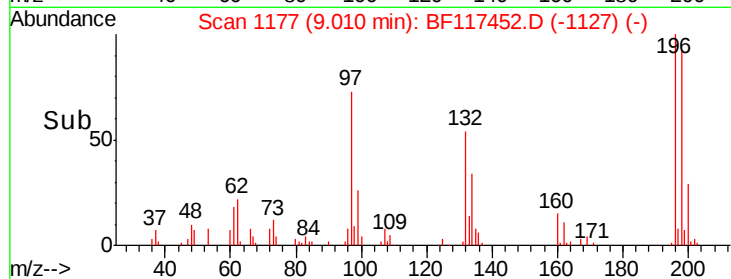
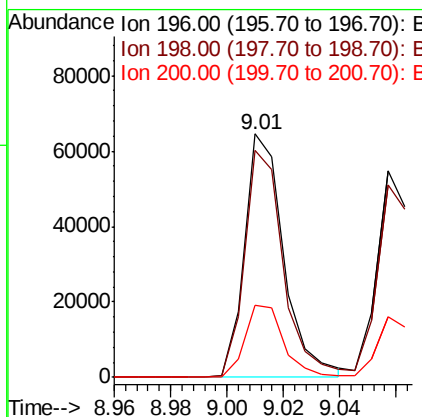
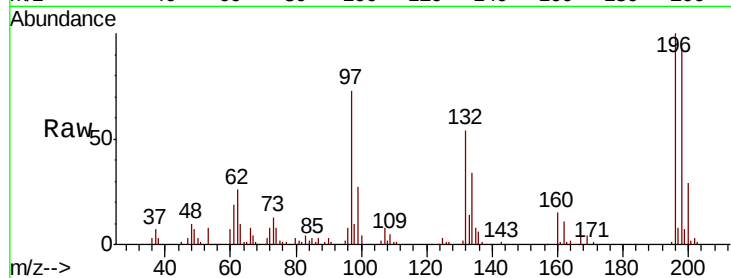
#43
 2,4,6-Trichlorophenol
 Concen: 41.730 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	62404		
198	93.0	74.1	111.1	
200	29.4	23.9	35.9	

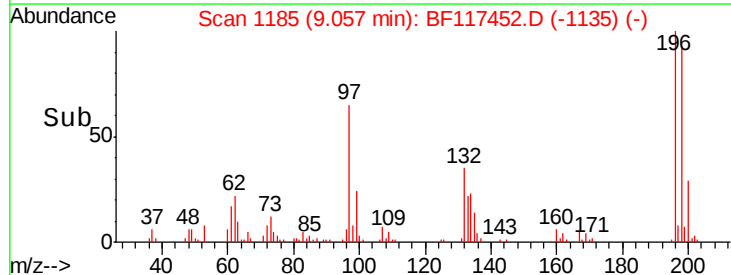
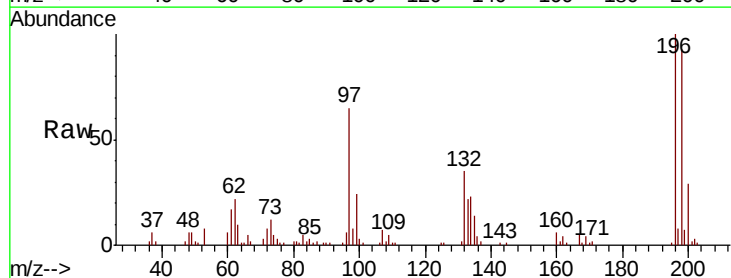
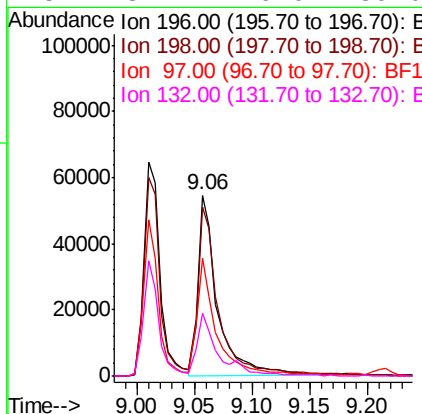
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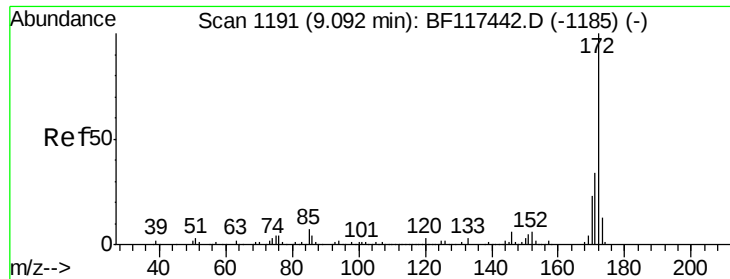
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#44
 2,4,5-Trichlorophenol
 Concen: 42.876 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64971		
198	93.4	78.6	117.8	
97	64.9	43.4	65.2	
132	34.7	26.0	39.0	





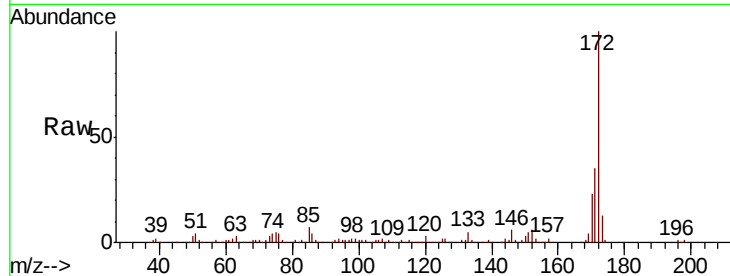
#45
2-Fluorobiphenyl
Concen: 63.143 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	397327		
171	35.0		27.5	41.3
170	22.8		18.6	27.8

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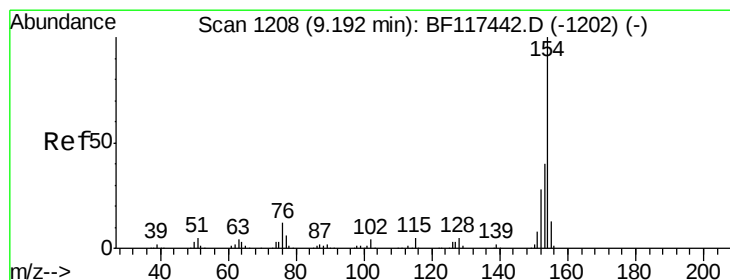
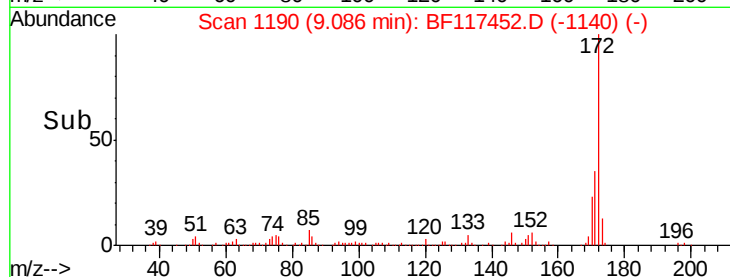
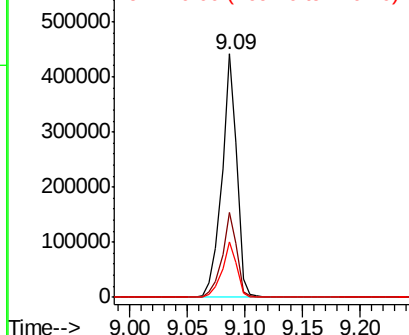


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.896 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

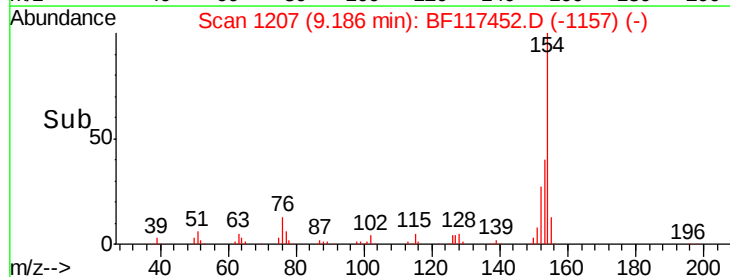
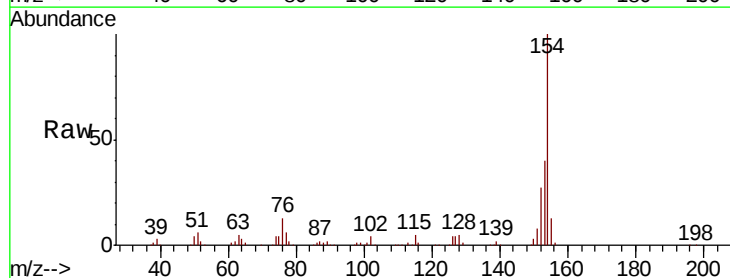
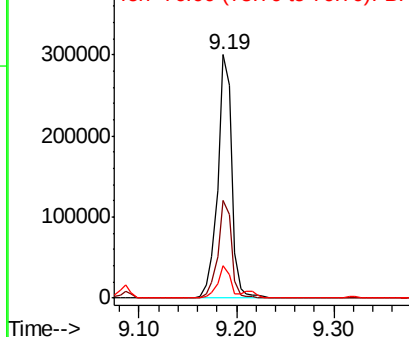
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	300174		
153	39.9		20.2	60.2
76	13.1		0.0	32.1

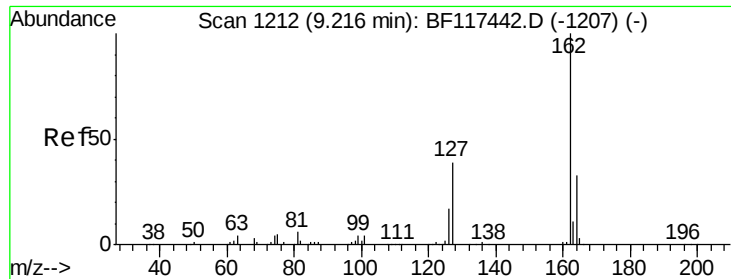
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





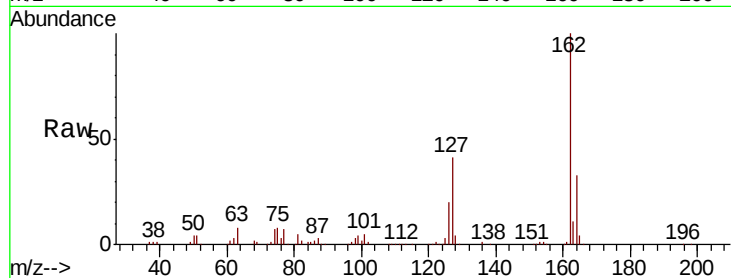
#47
2-Chloronaphthalene
Concen: 41.678 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

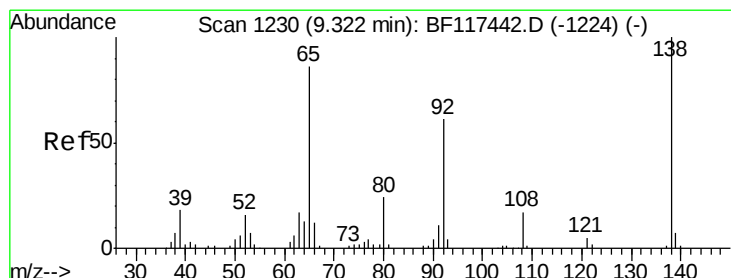
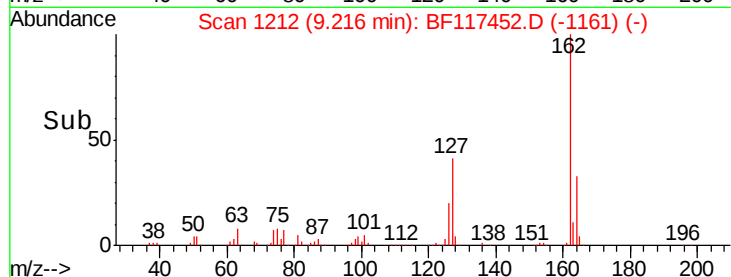
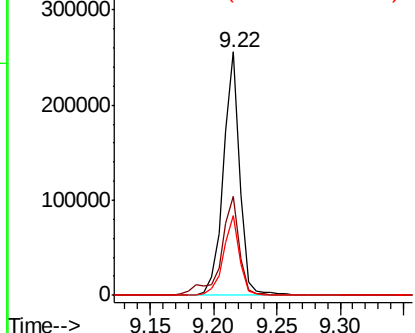
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	34.2	51.4
164	32.6	26.4	39.6

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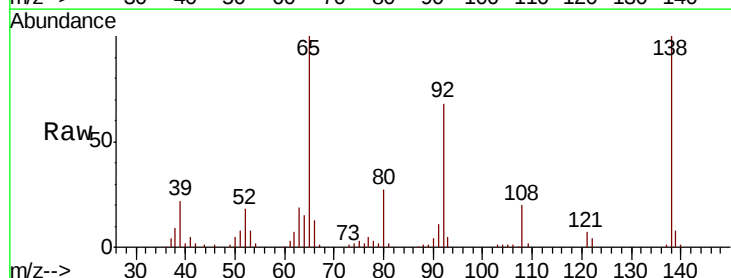


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

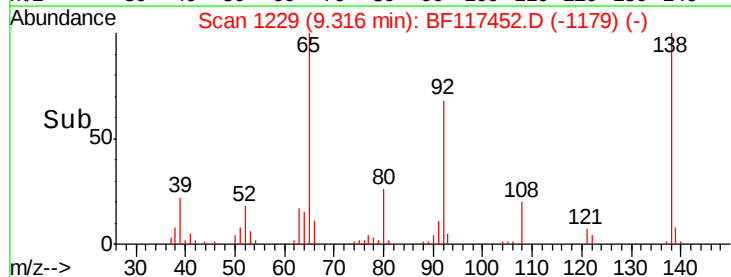
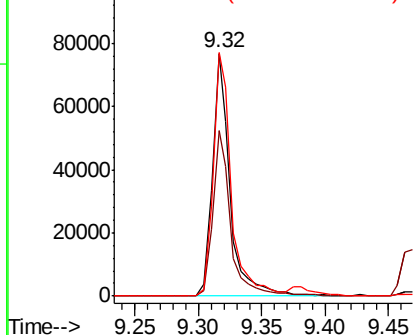


#48
2-Nitroaniline
Concen: 41.322 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	57.3	85.9
138	100.4	93.3	139.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.896 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

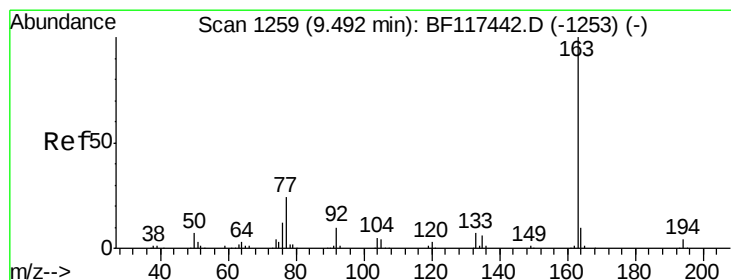
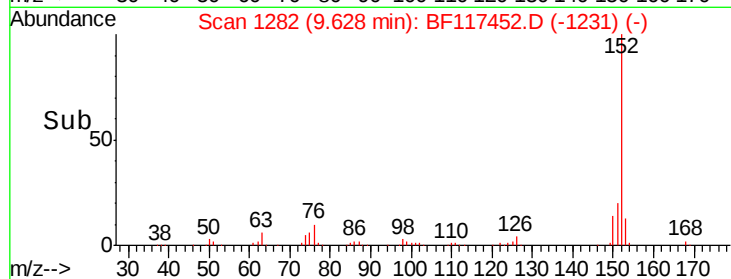
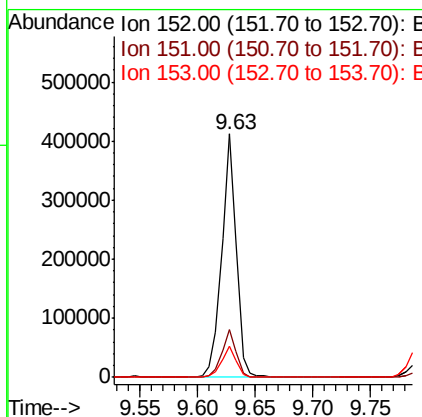
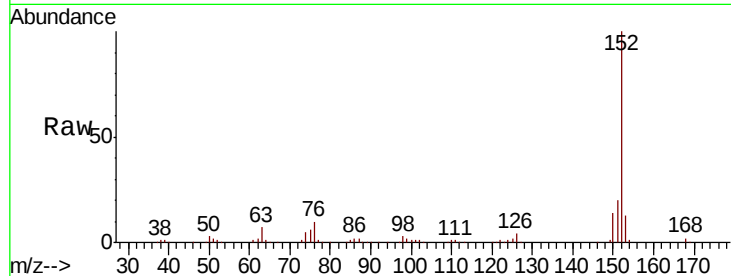
ClientSampleId :

PB124157BS

Tot Ion:	152	Resp:	364950
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.4	23.0
153	13.0	10.3	15.5

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#50

Dimethylphthalate

Concen: 41.639 ng

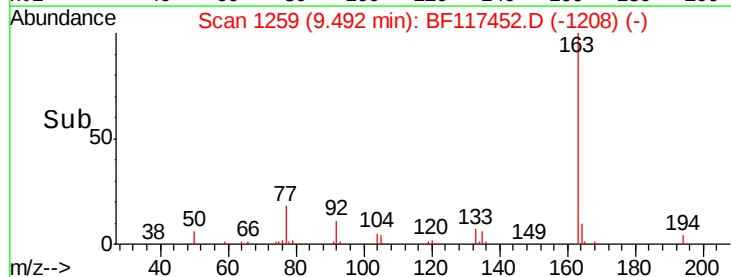
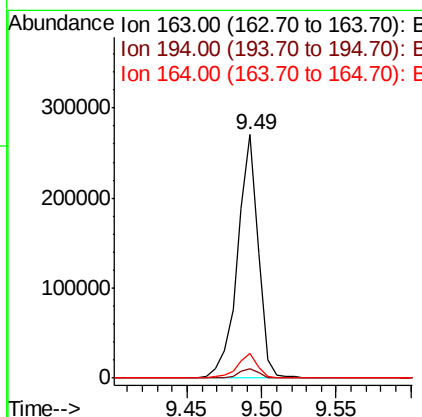
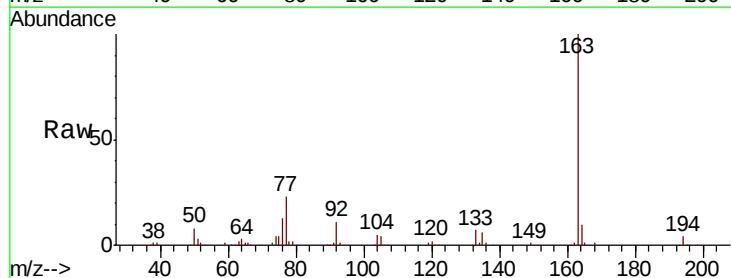
RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:	163	Resp:	263180
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.3	8.2	12.2





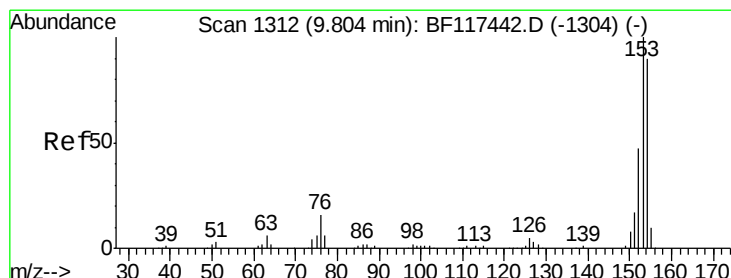
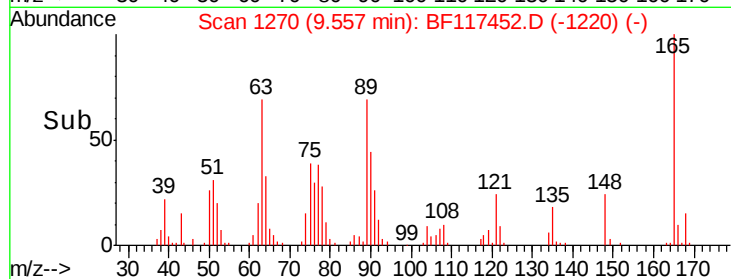
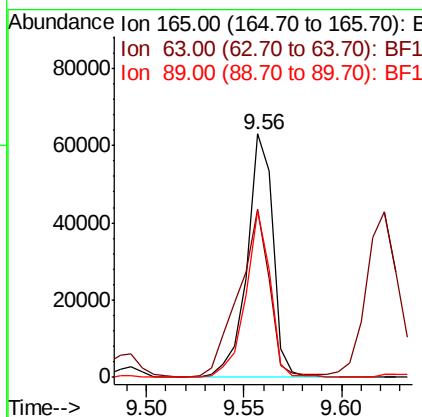
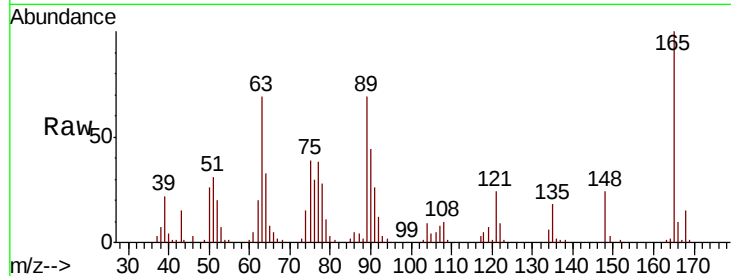
#51
2,6-Dinitrotoluene
Concen: 43.859 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	57847		
63	69.1		43.8	65.8#
89	68.6		47.6	71.4

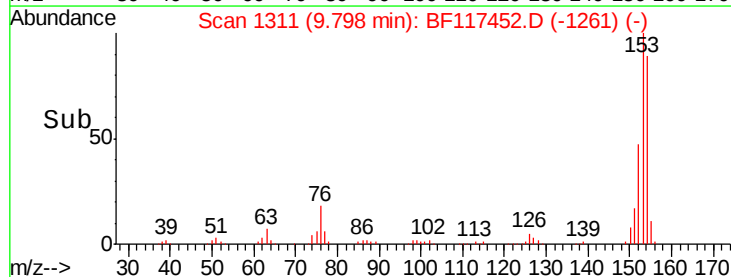
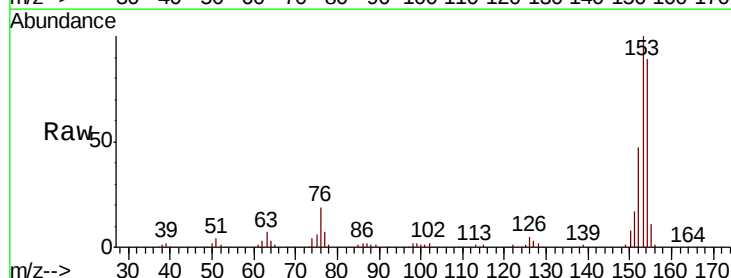
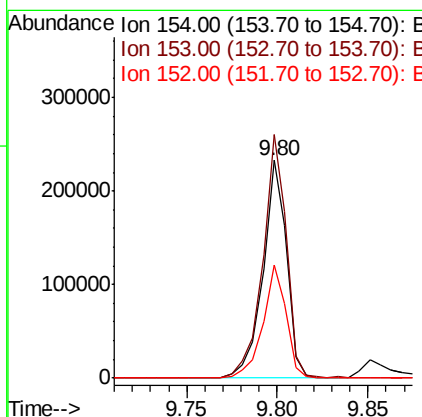
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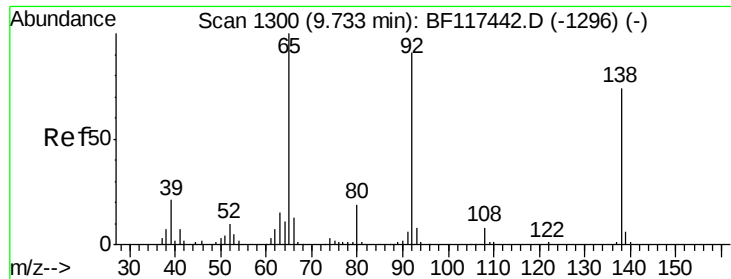
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#52
Acenaphthene
Concen: 42.445 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	211682		
153	112.0		89.2	133.8
152	52.1		41.8	62.6





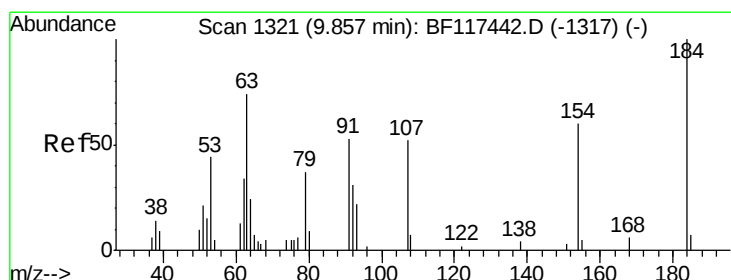
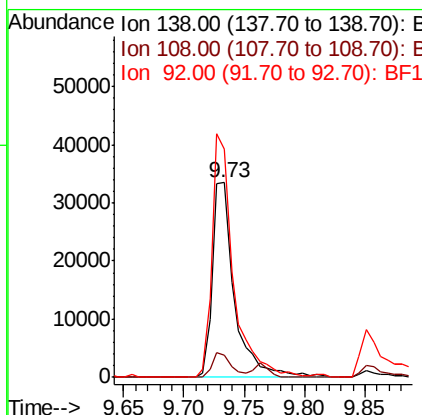
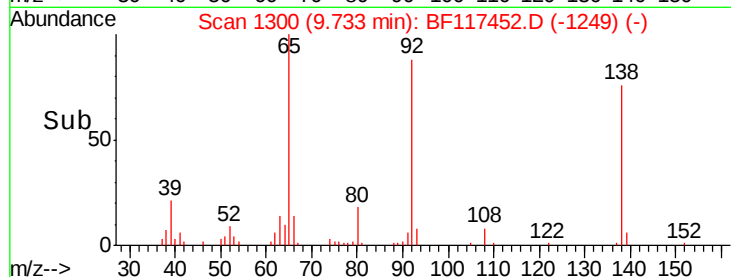
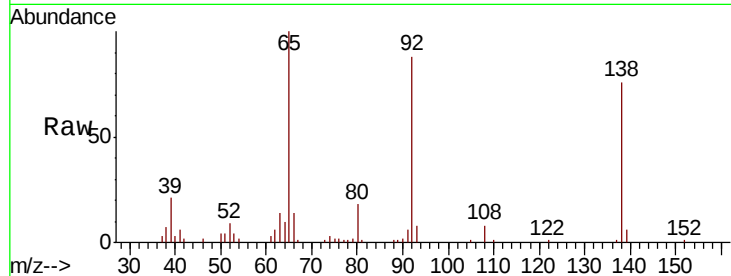
#53
3-Nitroaniline
Concen: 26.409 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.7	13.1
92	117.1	98.4	147.6

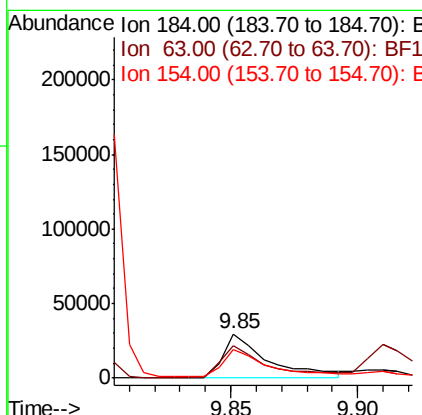
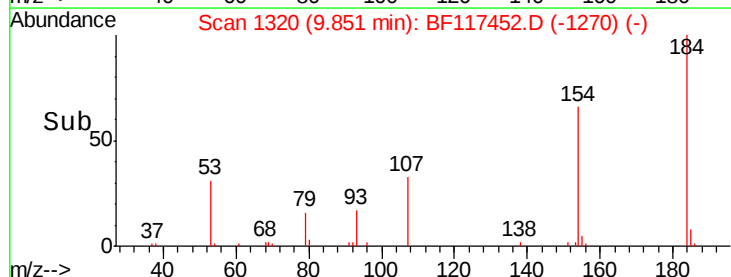
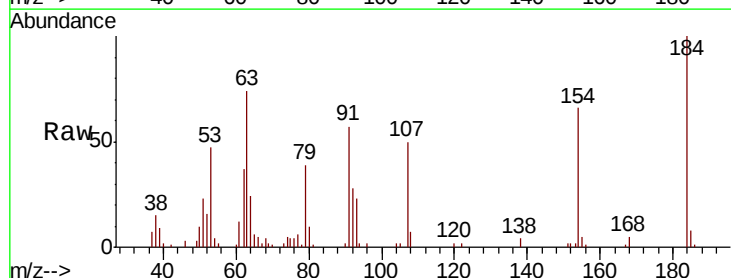
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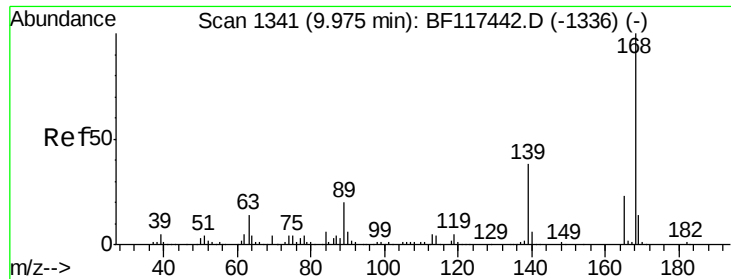
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#54
2,4-Dinitrophenol
Concen: 67.860 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.4	59.2	88.8
154	65.6	53.4	80.0





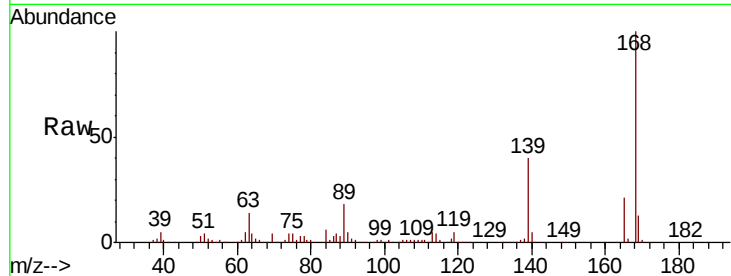
#55
Dibenzofuran
Concen: 44.120 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	318788		
139	39.6		31.8	47.6
169	12.6		11.2	16.8

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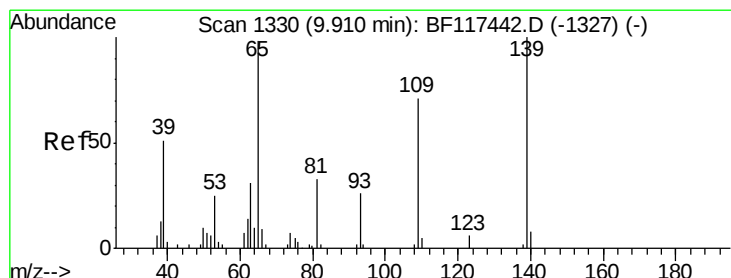
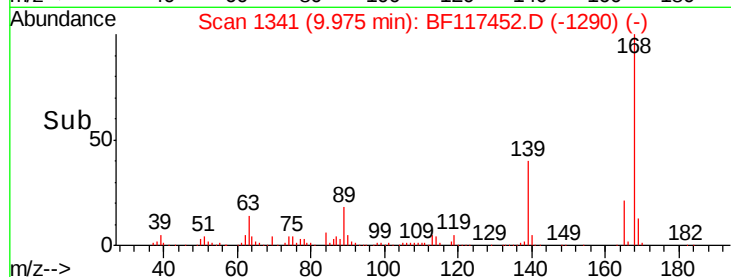
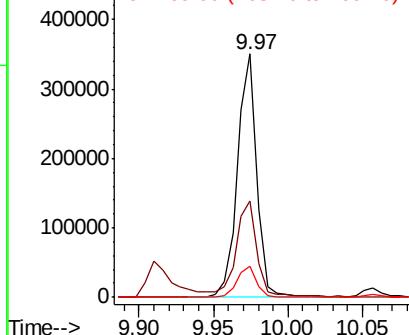


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 85.901 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

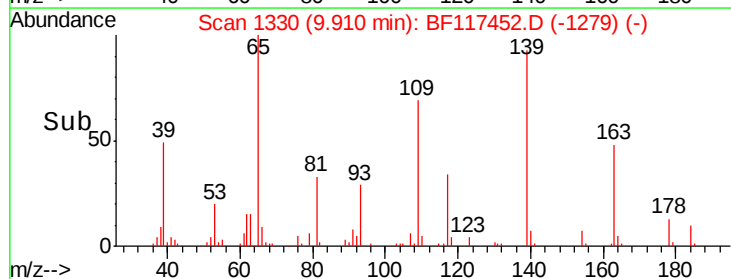
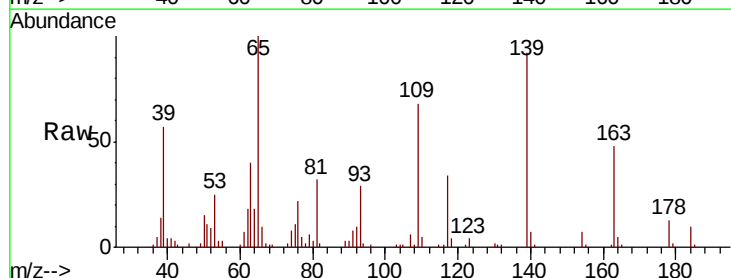
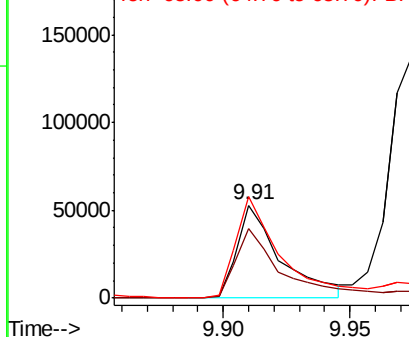
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63515		
109	74.4		51.4	91.4
65	109.0		79.4	119.4

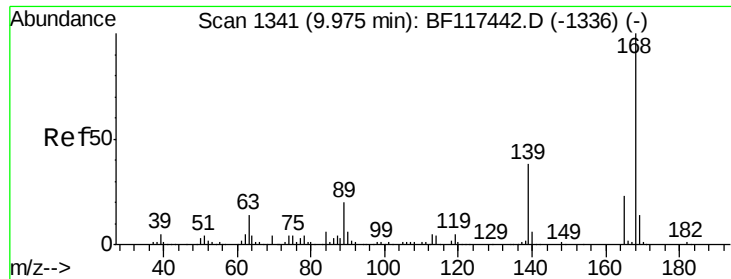
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





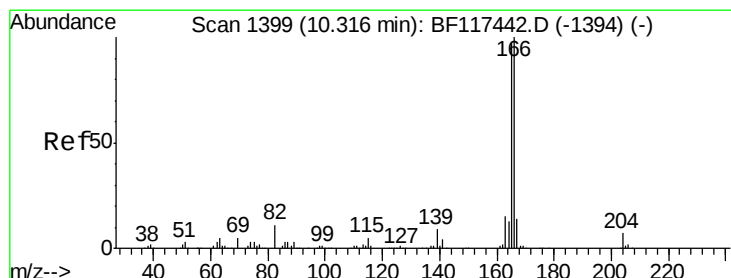
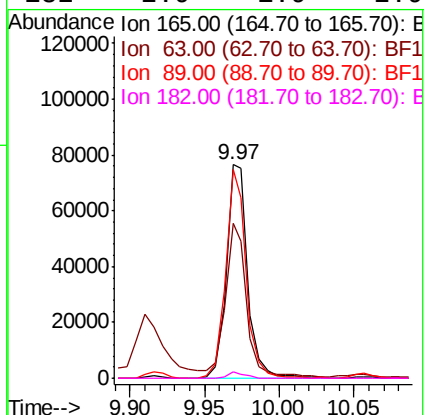
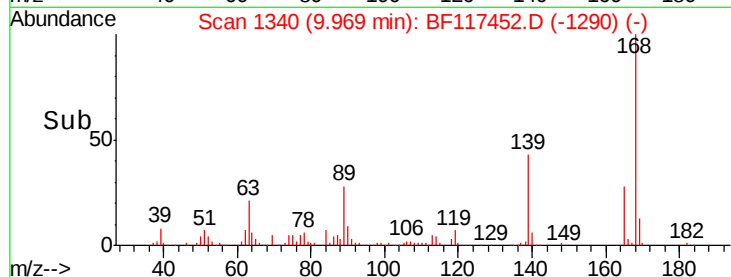
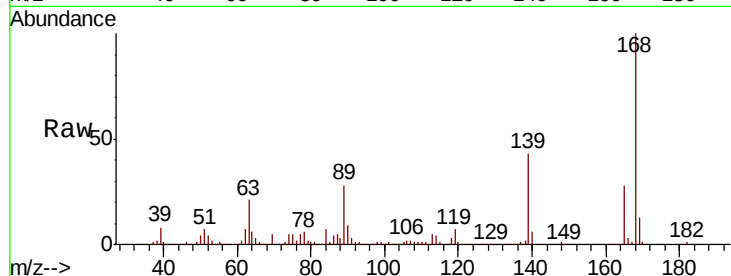
#57
2,4-Dinitrotoluene
Concen: 43.999 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	72.4	51.4	77.0
89	98.0	69.9	104.9
182	2.9	1.9	2.9

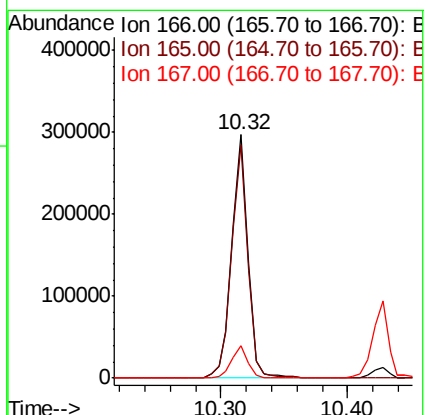
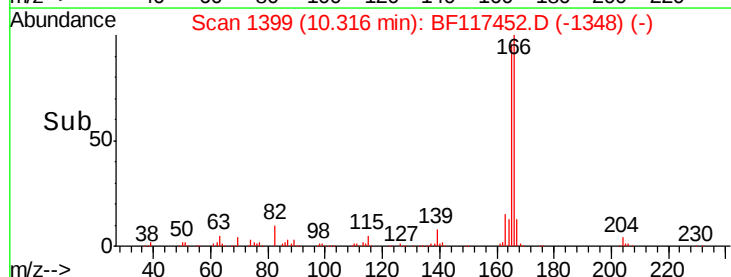
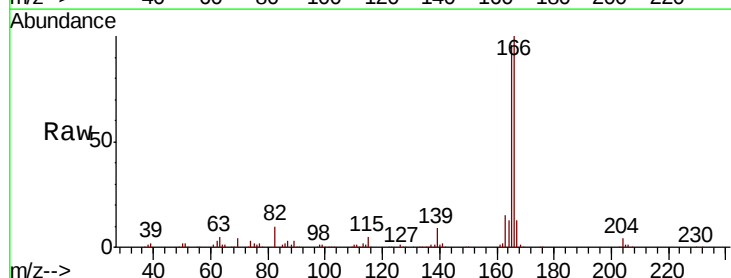
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#58
Fluorene
Concen: 43.919 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.6	116.4
167	13.1	11.0	16.4





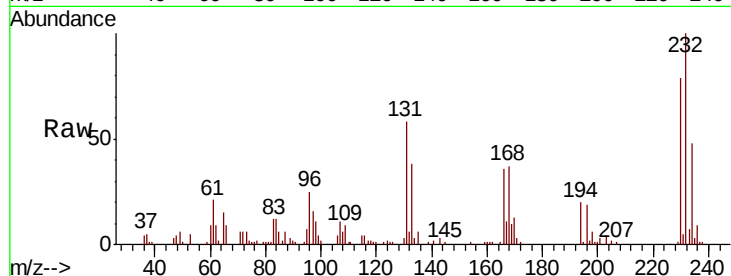
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.692 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.5	42.6	63.8
130	2.3	2.2	3.4
166	36.7	27.5	41.3

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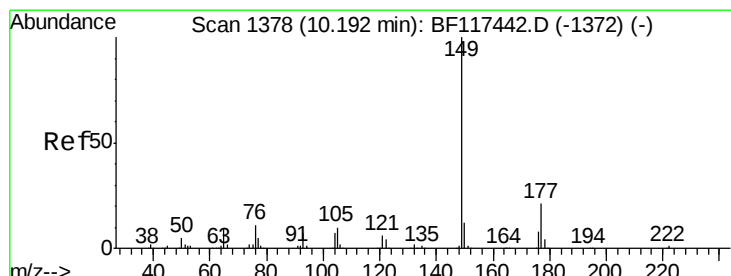
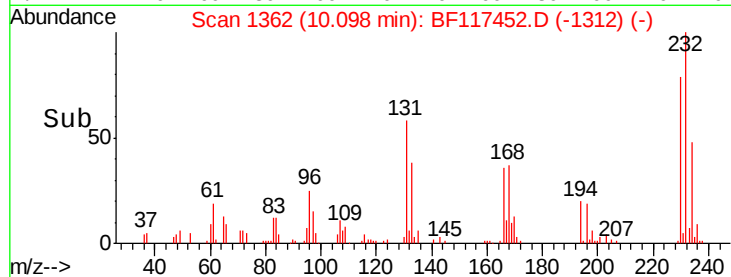
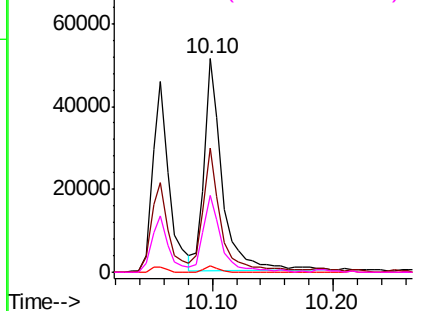
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.378 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

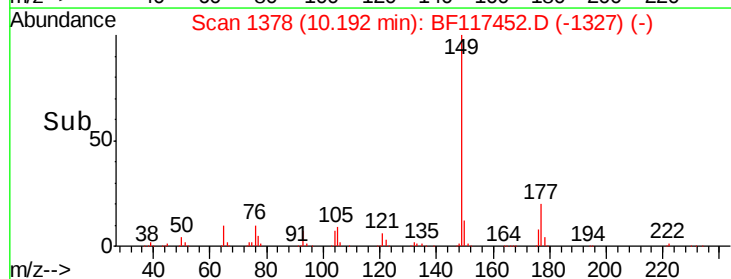
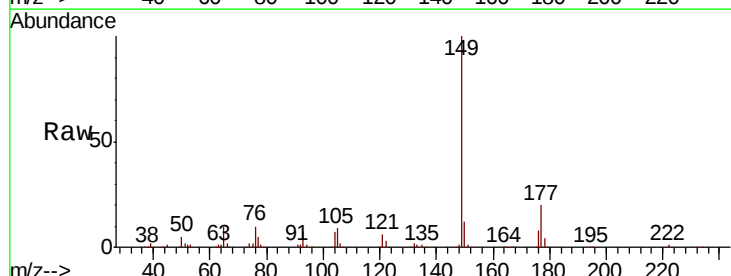
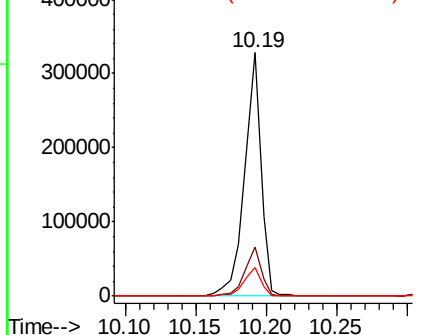
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	17.0	25.4
150	11.8	9.8	14.6

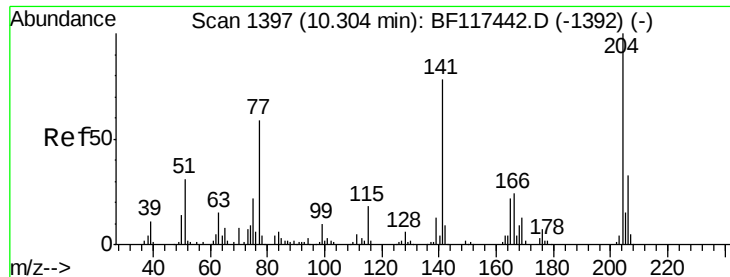
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





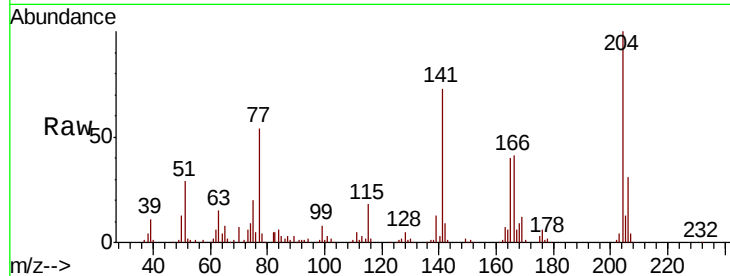
#61
4-Chlorophenyl-phenylether
Concen: 42.945 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

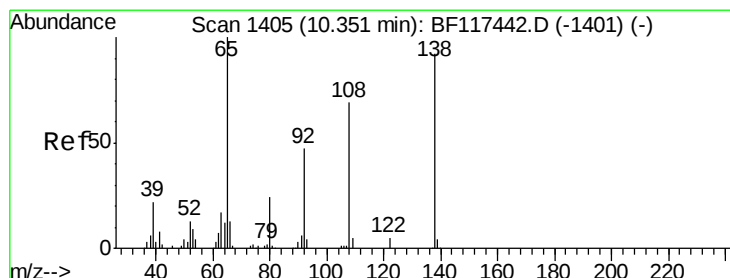
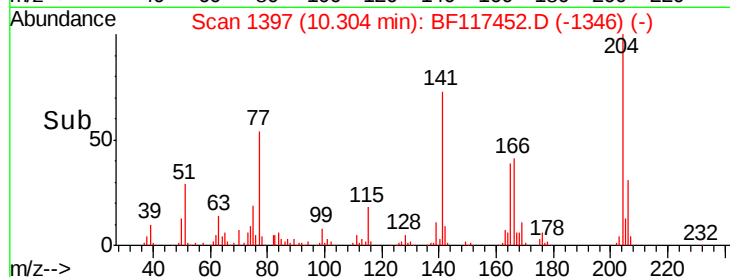
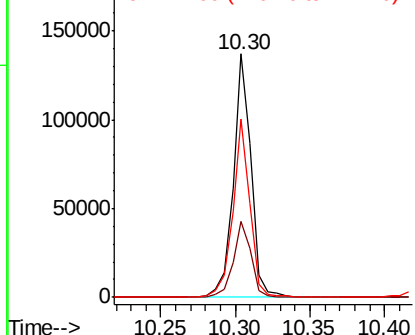
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.3	39.5
141	73.0	62.2	93.4

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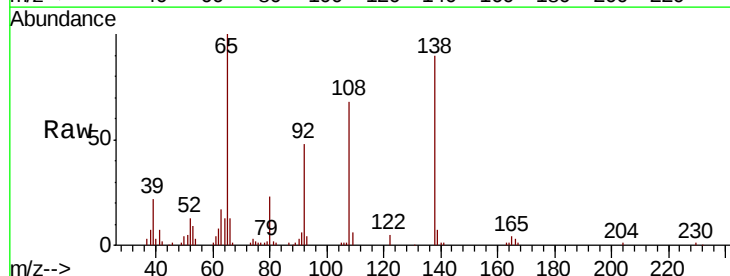


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

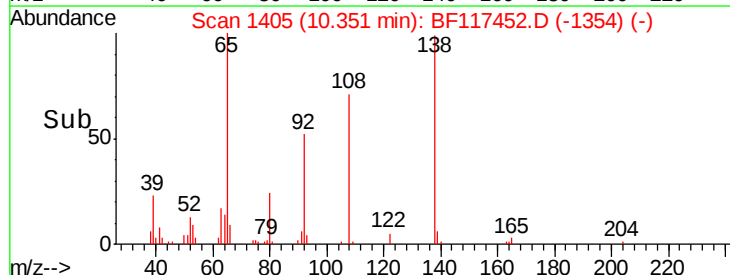
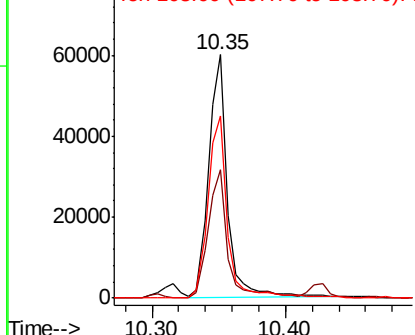


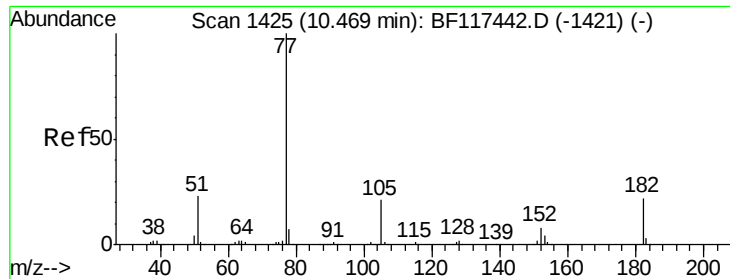
#62
4-Nitroaniline
Concen: 39.186 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	30.3	70.3
108	74.6	54.9	94.9



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





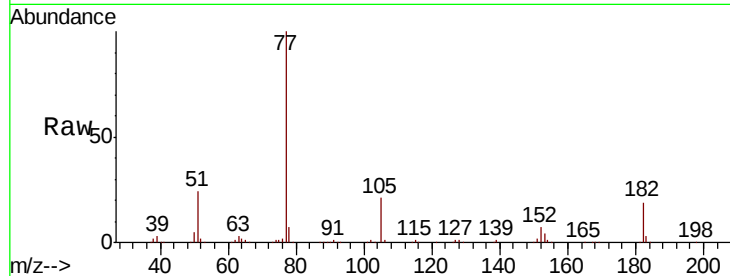
#63
Azobenzene
Concen: 44.100 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

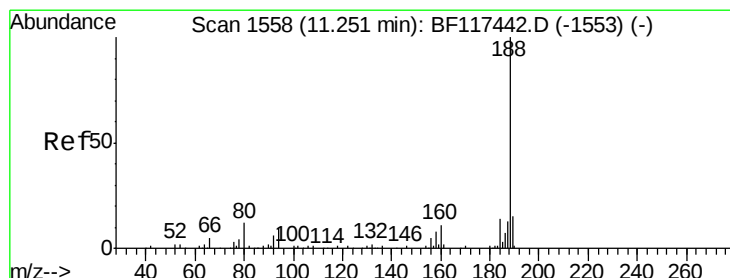
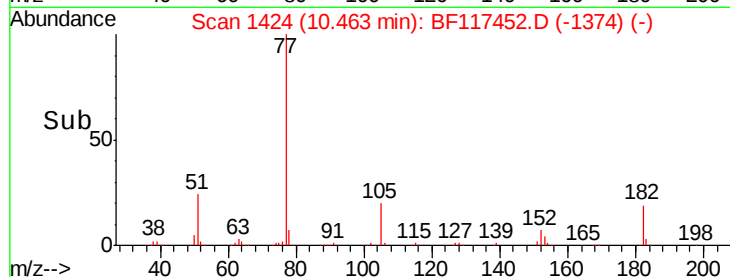
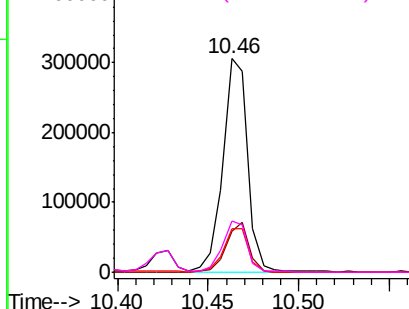
Tot Ion	Ratio	Lower	Upper
77	100		
182	19.3	2.3	42.3
105	20.5	1.3	41.3
51	24.0	3.5	43.5

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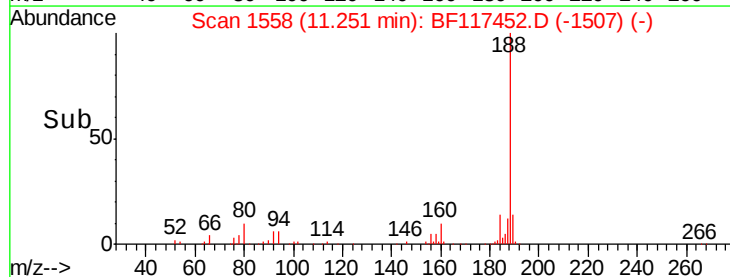
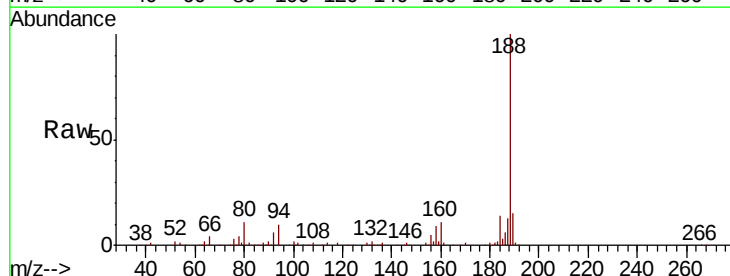
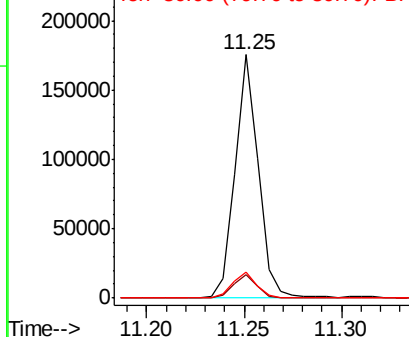
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

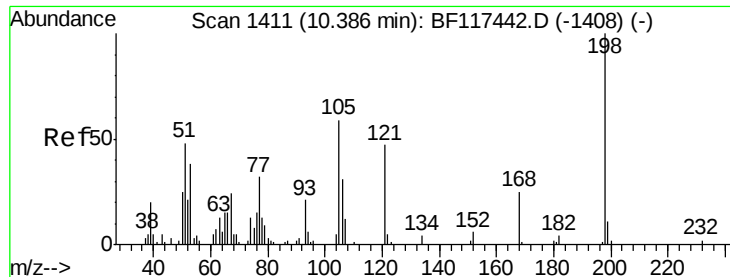


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.8	9.5	14.3

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





#65

4,6-Dinitro-2-methylphenol

Concen: 43.675 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

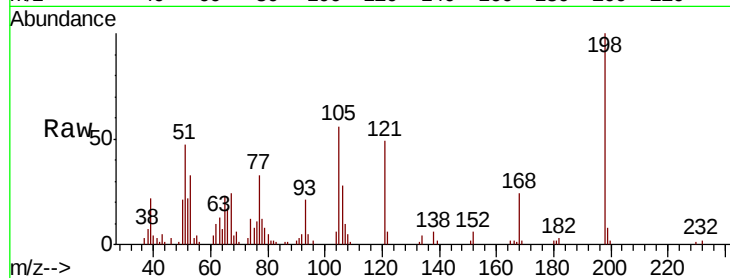
ClientSampled :

PB124157BS

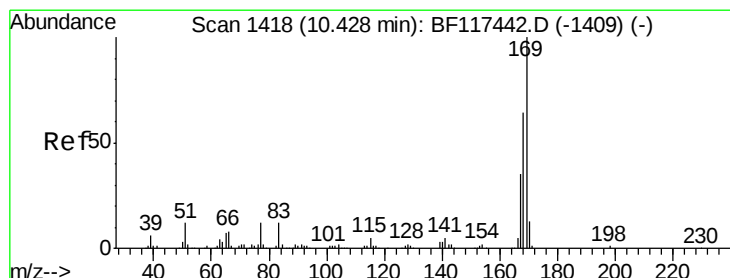
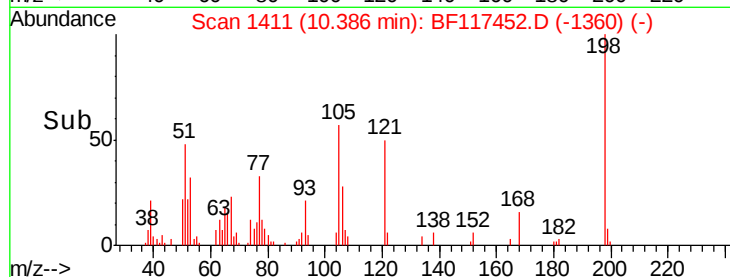
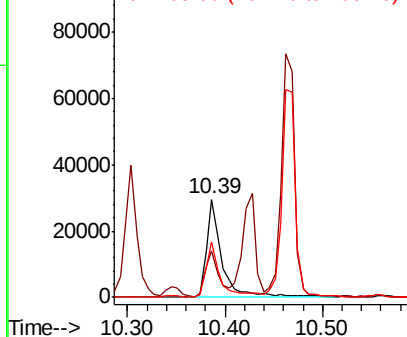
Tot Ion:	198	Resp:	32356
Ion Ratio	Lower	Upper	
198	100		
51	47.3	29.1	69.1
105	56.1	39.4	79.4

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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: 42.918 ng

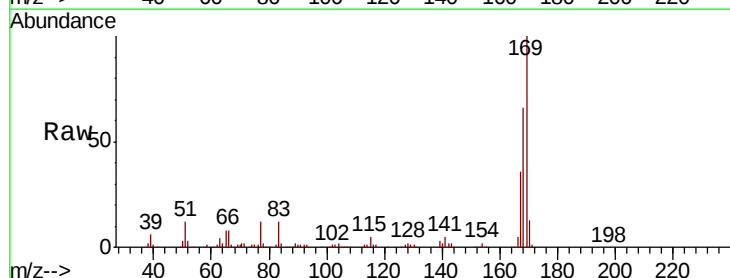
RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

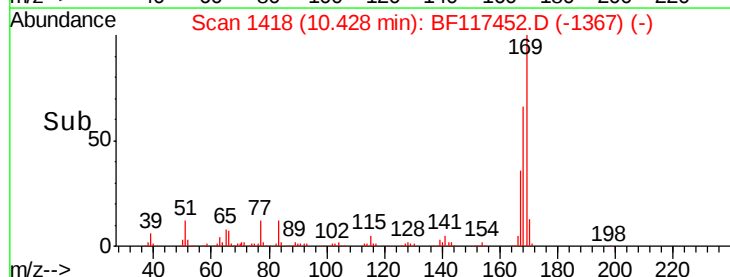
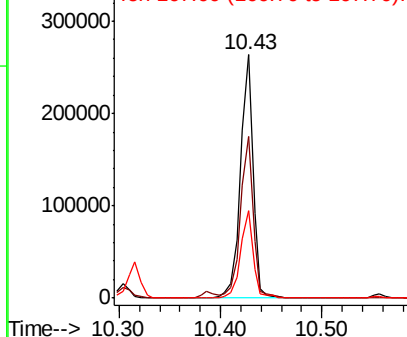
Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:	169	Resp:	228619
Ion Ratio	Lower	Upper	
169	100		
168	66.4	51.3	76.9
167	35.8	28.2	42.4



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





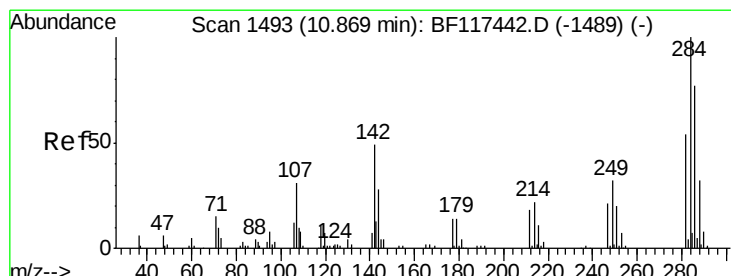
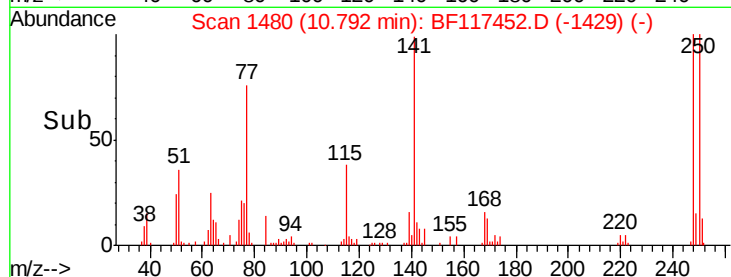
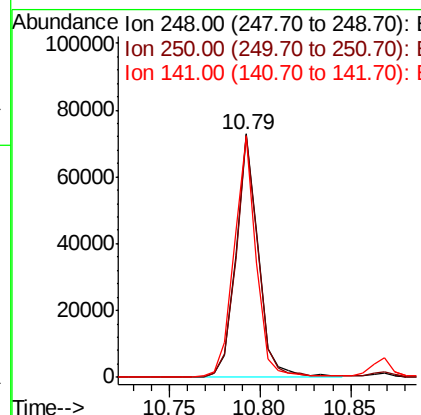
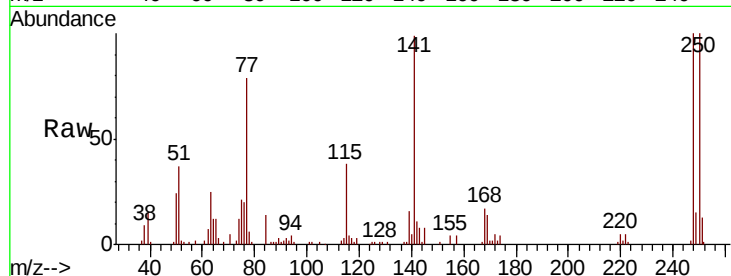
#67
 4-Bromophenyl-phenylether
 Concen: 40.045 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleID :
 PB124157BS

Tot Ion:	248	Resp:	62850
Ion Ratio	Lower	Upper	
248	100		
250	99.7	78.0	117.0
141	99.1	81.7	122.5

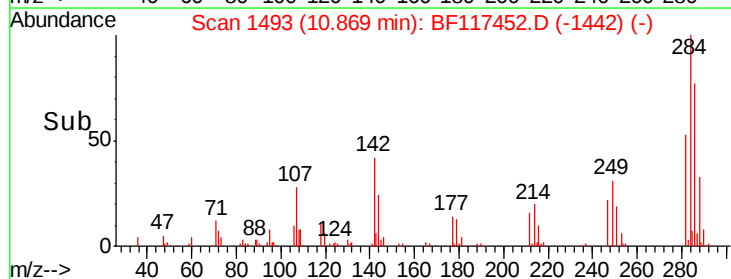
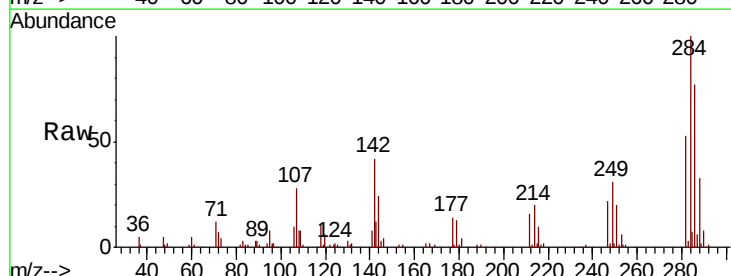
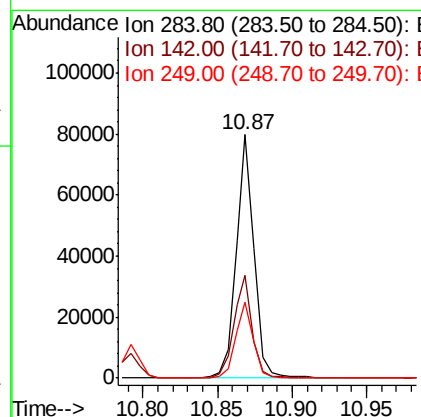
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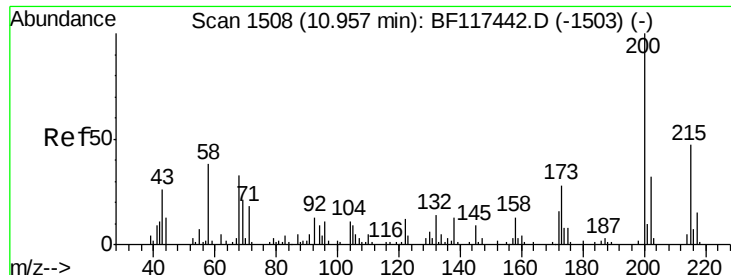
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#68
 Hexachlorobenzene
 Concen: 39.918 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion:	284	Resp:	67095
Ion Ratio	Lower	Upper	
284	100		
142	42.4	39.0	58.6
249	31.1	25.7	38.5





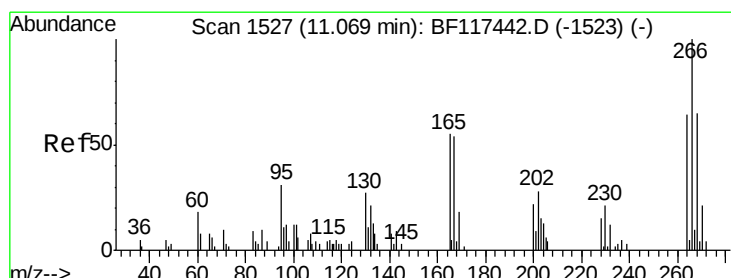
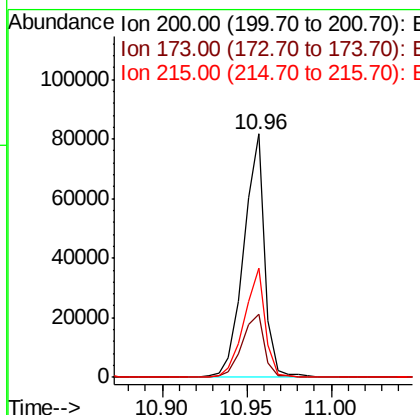
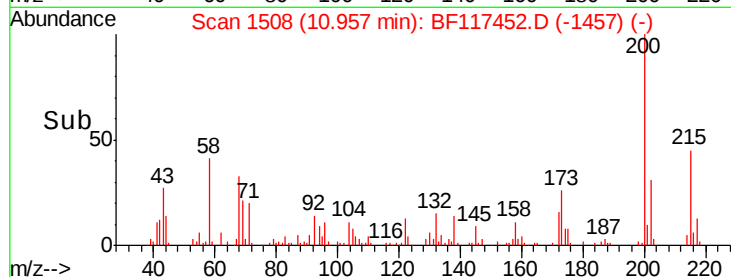
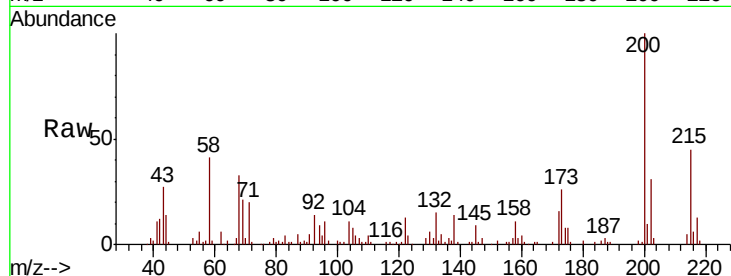
#69
Atrazine
Concen: 52.097 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampled :
PB124157BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	8.2	48.2
215	45.1	26.8	66.8

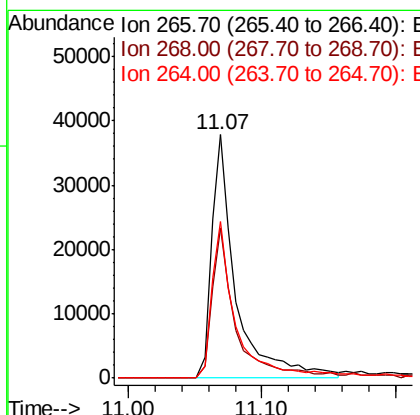
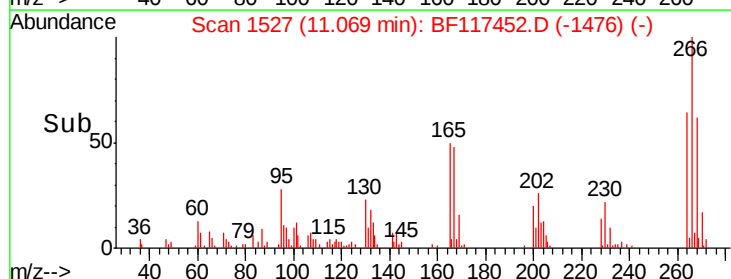
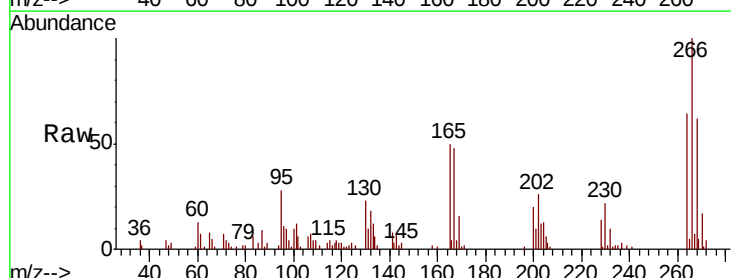
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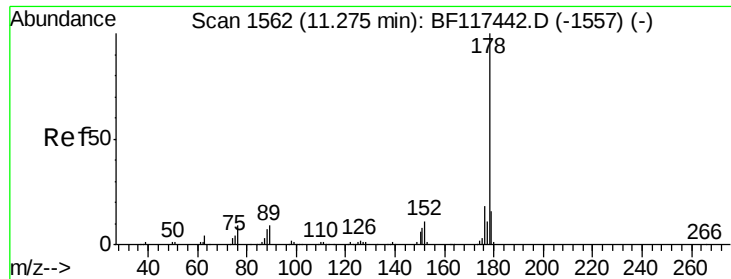
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#70
Pentachlorophenol
Concen: 95.570 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.6	77.4
264	64.2	51.4	77.2





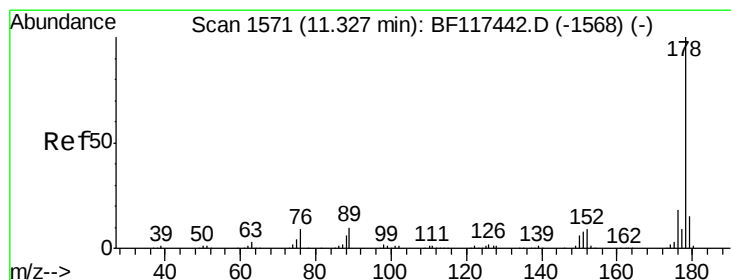
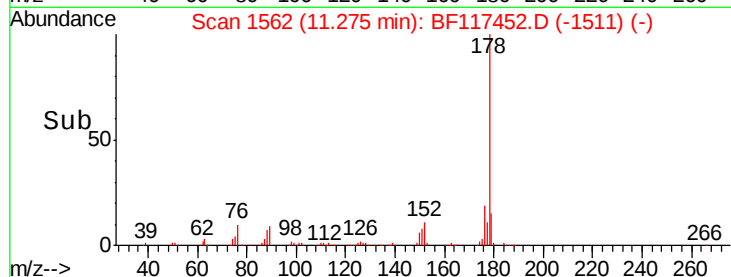
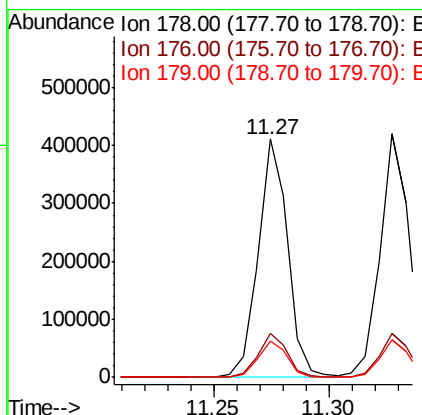
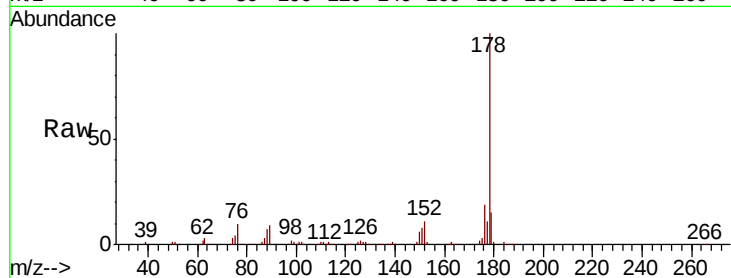
#71
Phenanthrene
Concen: 43.236 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.2	12.6	19.0

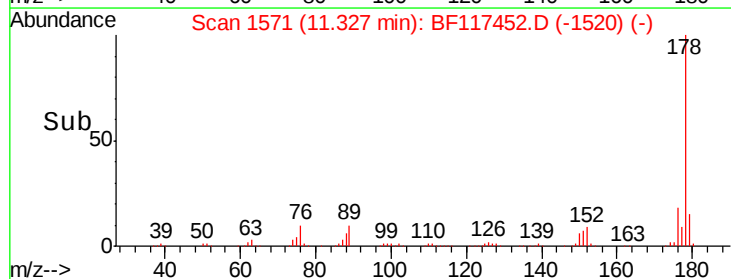
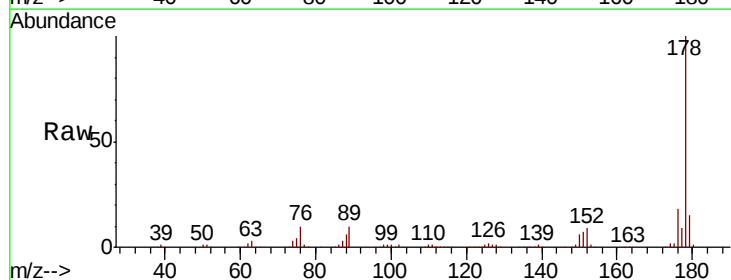
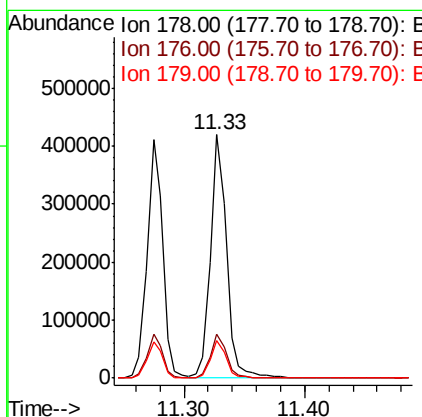
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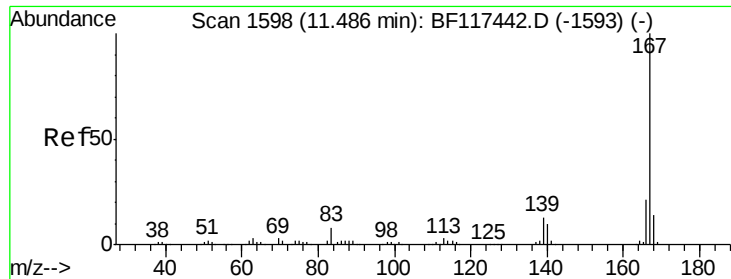
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#72
Anthracene
Concen: 44.306 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.3	12.2	18.2





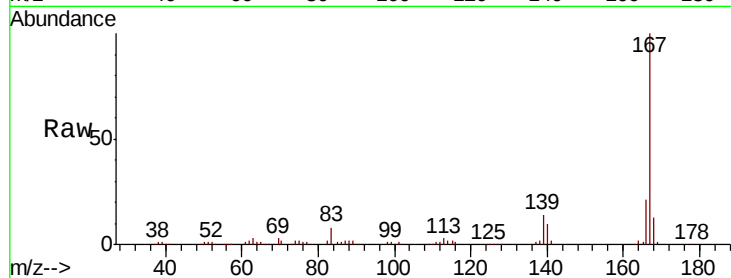
#73
 Carbazole
 Concen: 44.533 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB124157BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	13.6	10.6	16.0

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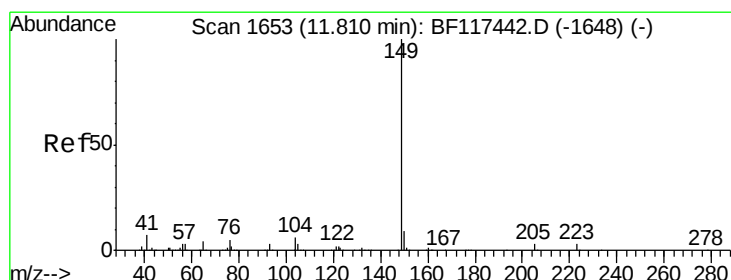
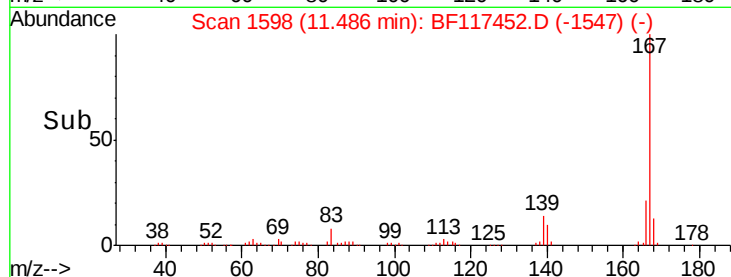
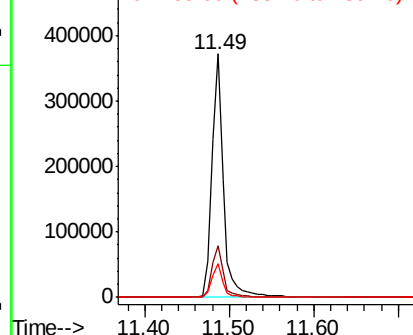


Abundance

Ion 167.00 (166.70 to 167.70): E

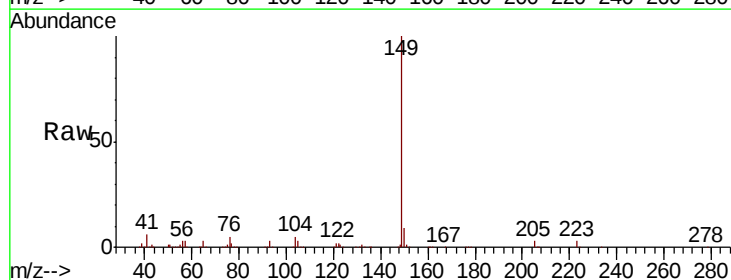
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.953 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.3	4.6	6.8

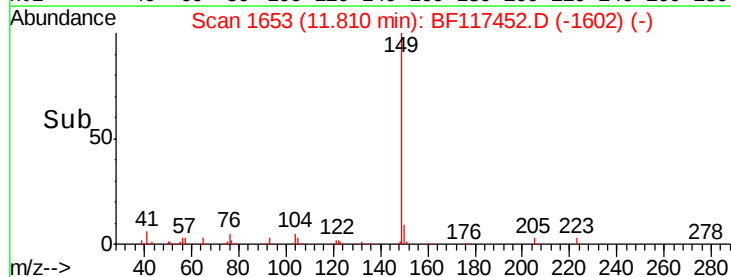
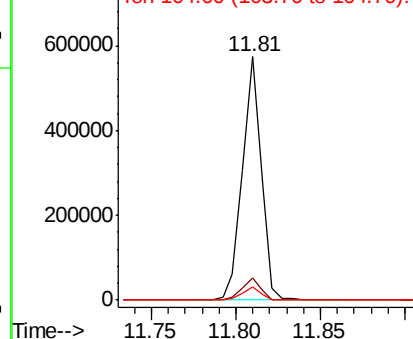


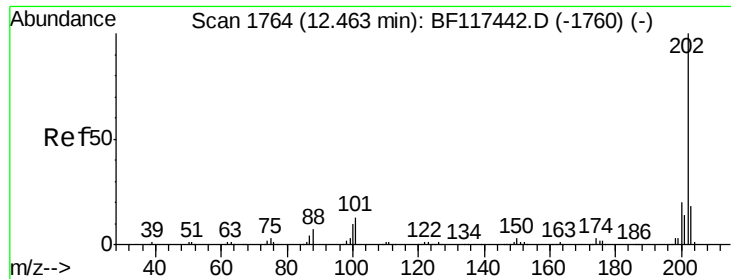
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.251 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

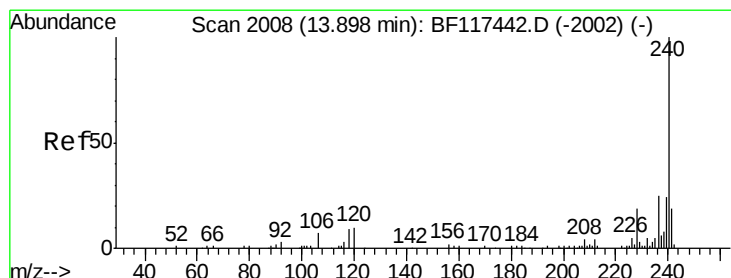
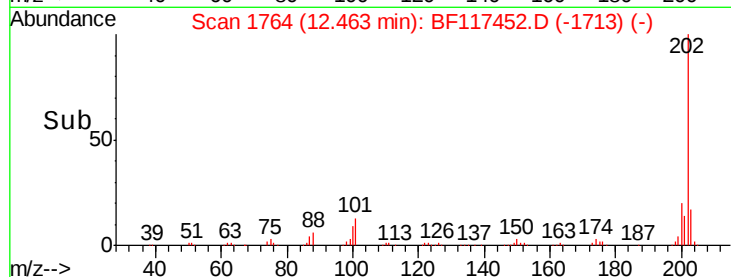
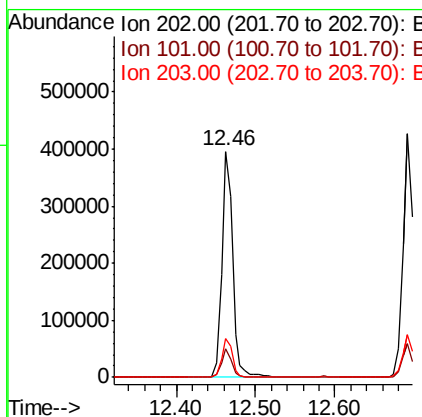
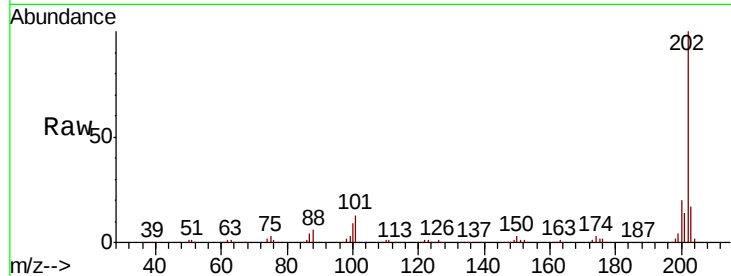
ClientSampleId :

PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	374809		
101	12.7	0.0	32.7	
203	17.0	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

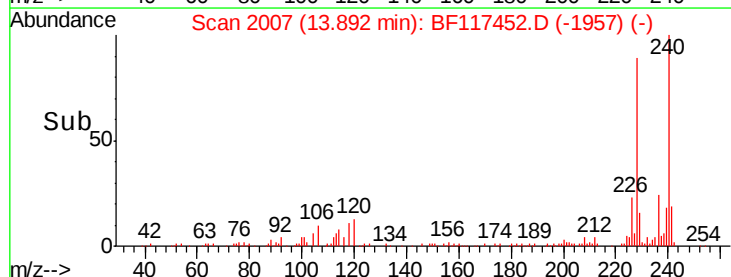
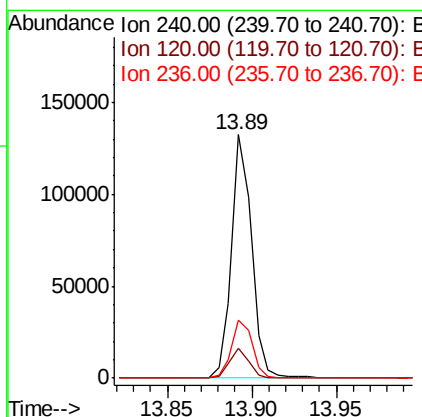
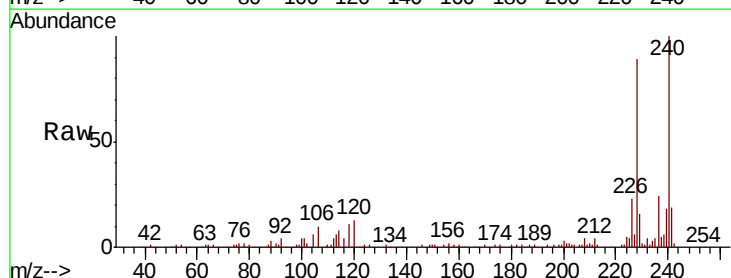
RT: 13.89 min Scan# 2007

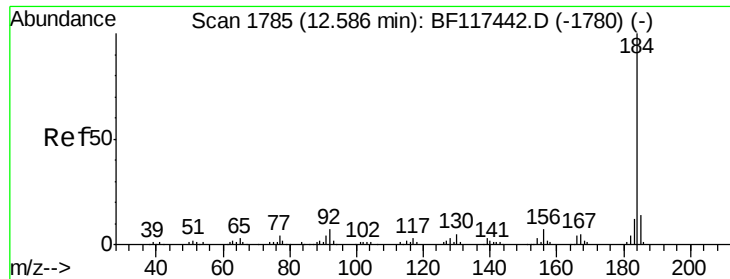
Delta R.T. -0.01 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	109969		
120	12.5	8.4	12.6	
236	24.0	20.0	30.0	





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

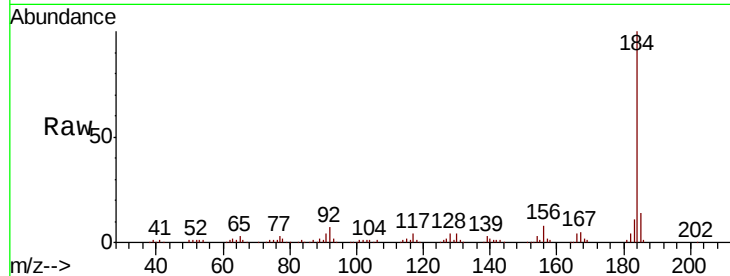
ClientSampleId :

PB124157BS

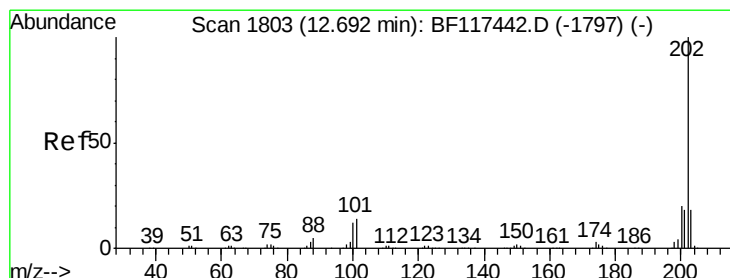
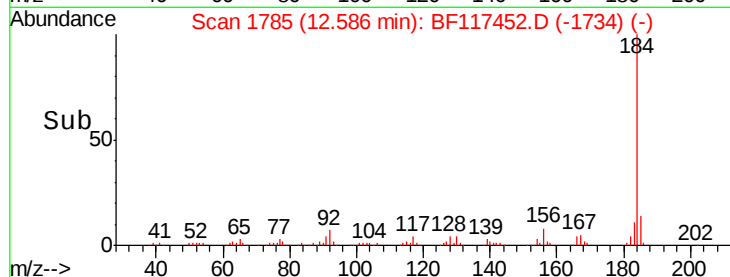
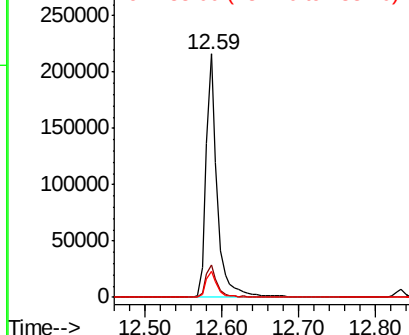
Tot Ion:	184	Resp:	217287
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.4	17.0
183	10.8	9.6	14.4

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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: 40.413 ng

RT: 12.69 min Scan# 1803

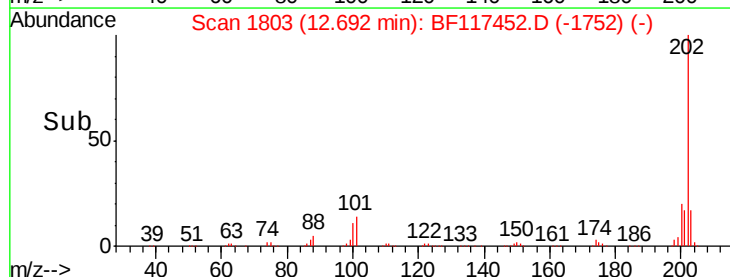
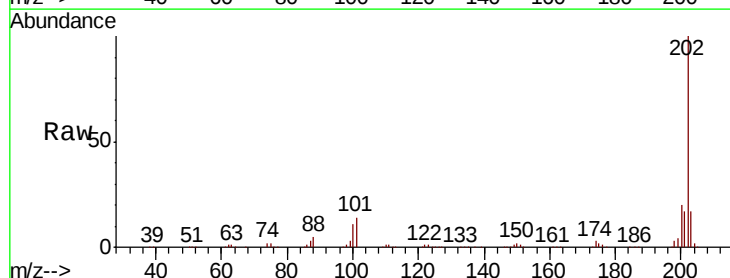
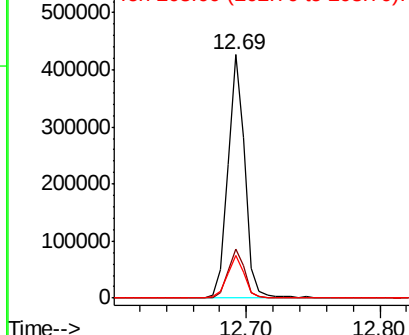
Delta R.T. 0.00 min

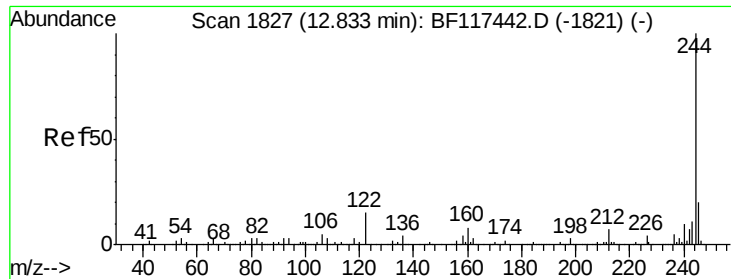
Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Tgt Ion:	202	Resp:	381729
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	17.3	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





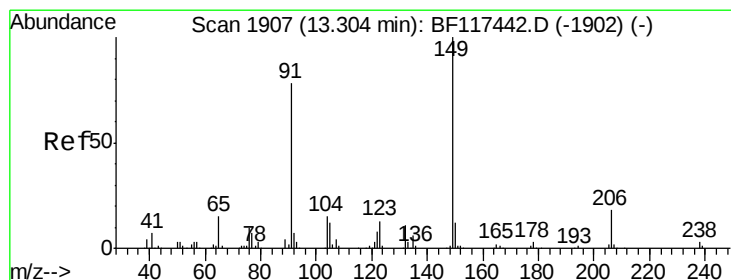
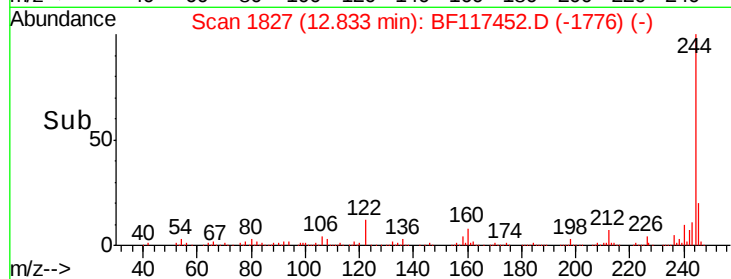
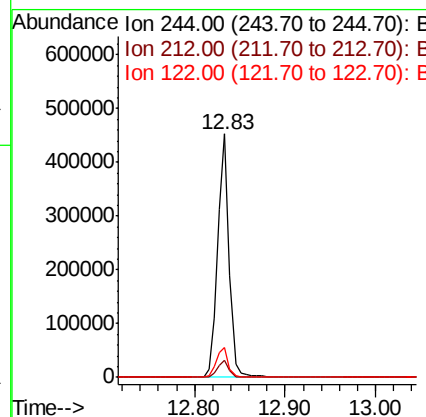
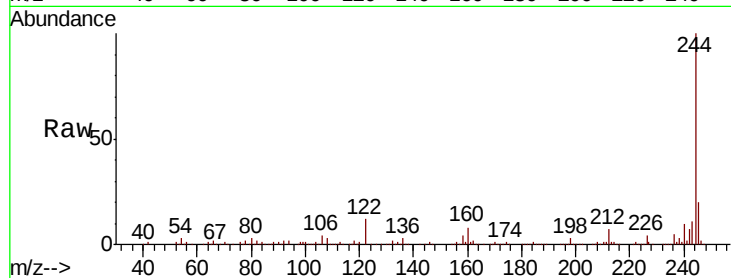
#79
 Terphenyl-d14
 Concen: 59.653 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB124157BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.3	11.8	17.8

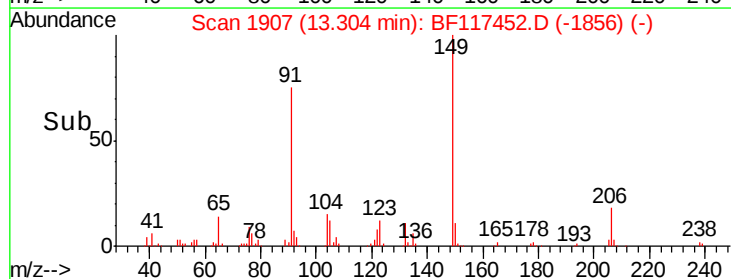
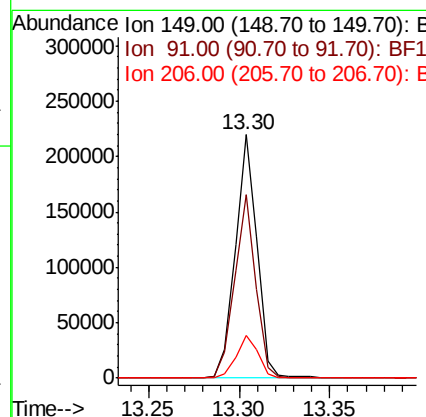
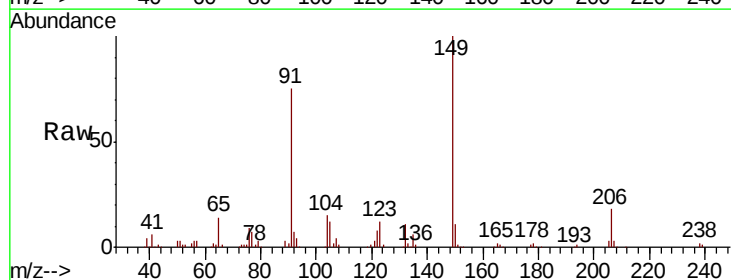
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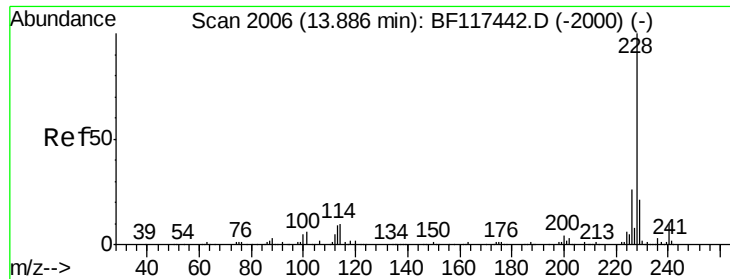
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#80
 Butylbenzylphthalate
 Concen: 38.873 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117452.D
 Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	62.1	93.1
206	17.6	14.3	21.5





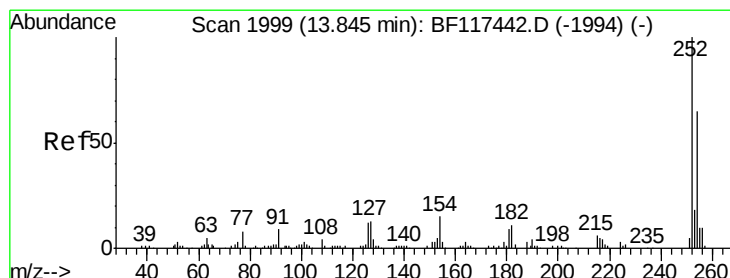
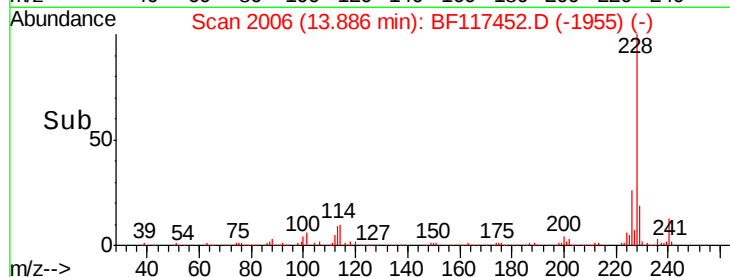
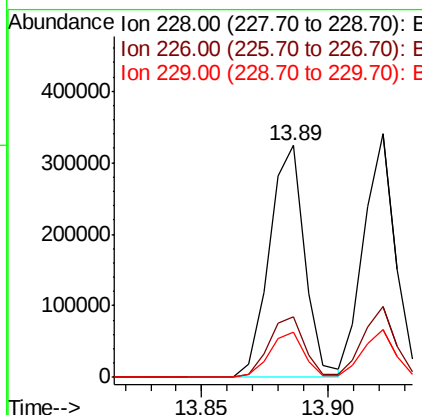
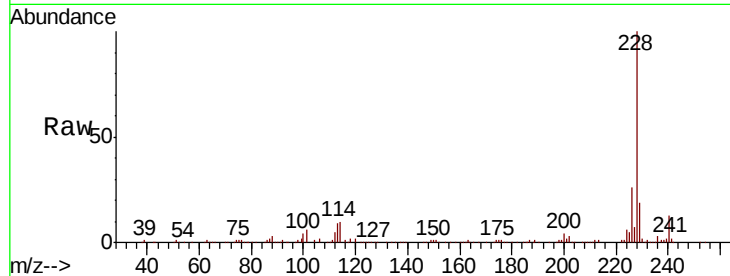
#81
Benzo(a)anthracene
Concen: 42.203 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	19.5	16.4	24.6

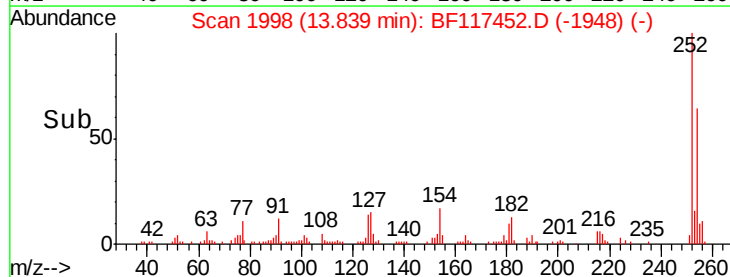
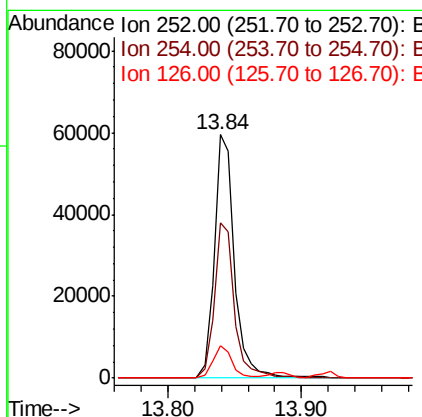
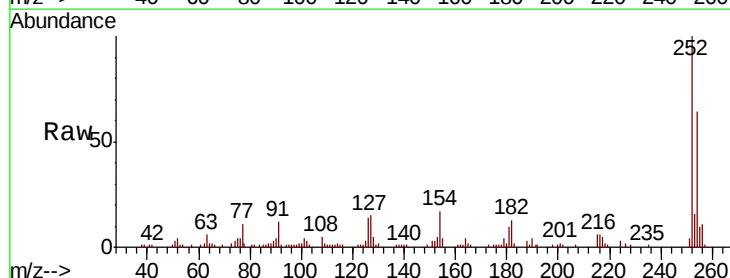
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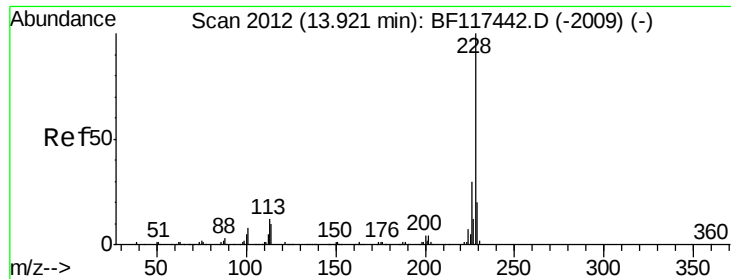
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#82
3,3'-Dichlorobenzidine
Concen: 27.088 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.2	78.4
126	13.6	9.2	13.8





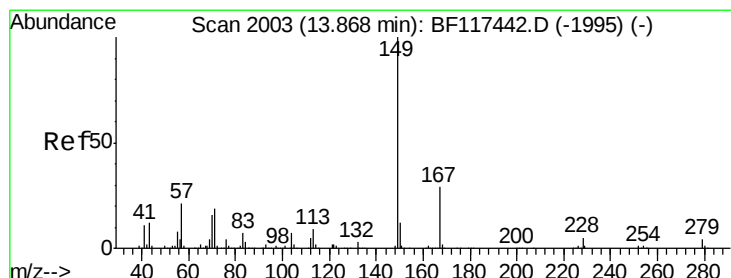
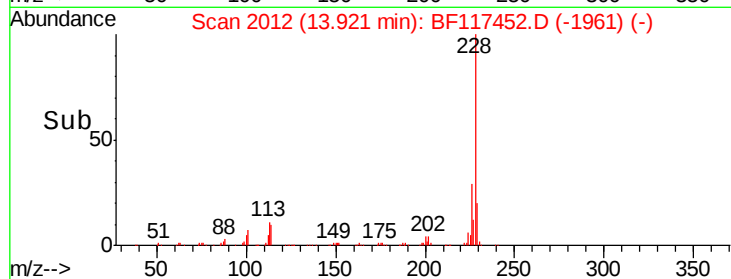
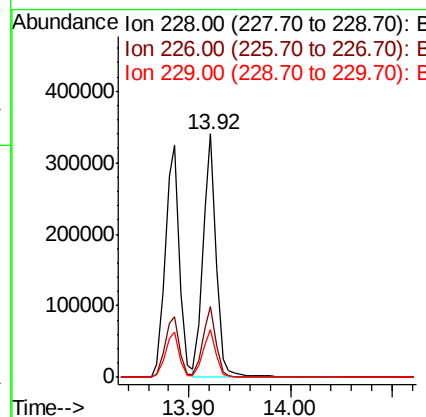
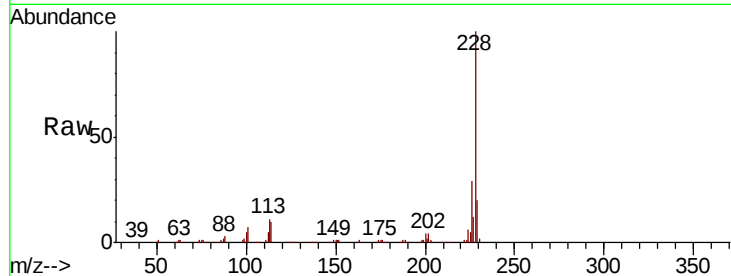
#83
Chrysene
Concen: 42.046 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	19.5	15.8	23.6

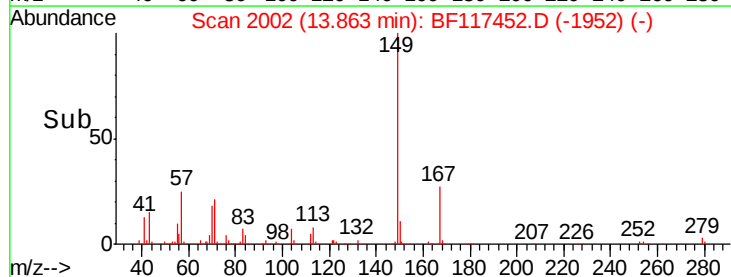
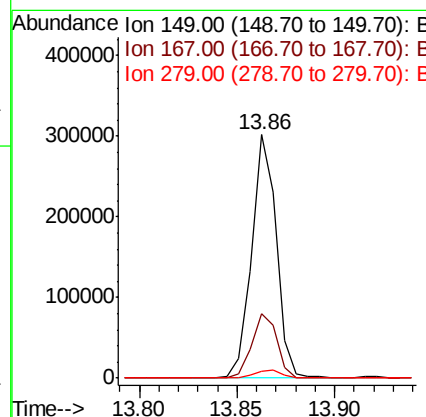
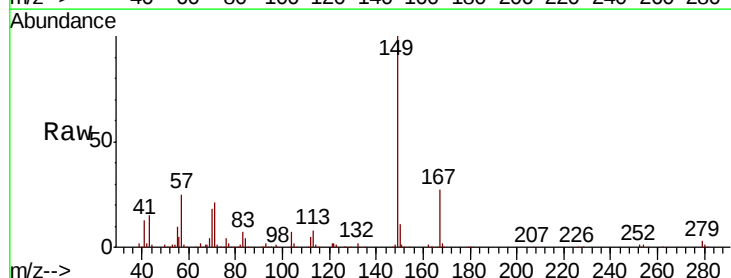
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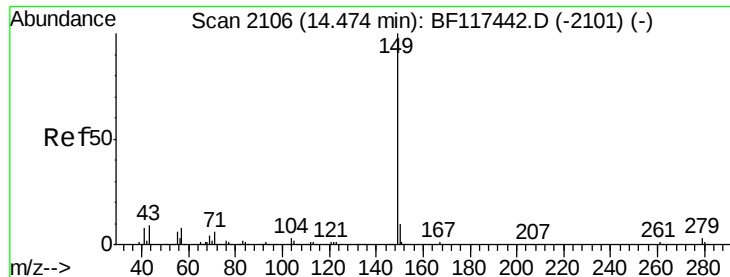
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.041 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.3	34.9
279	2.8	3.2	4.8#





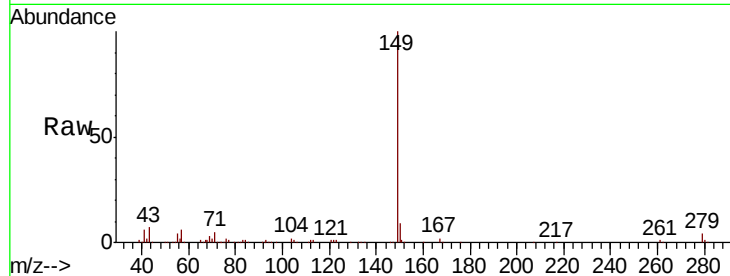
#85
Di-n-octyl phthalate
Concen: 43.229 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	437629		
167	1.5		1.2	1.8
43	8.2		6.8	10.2

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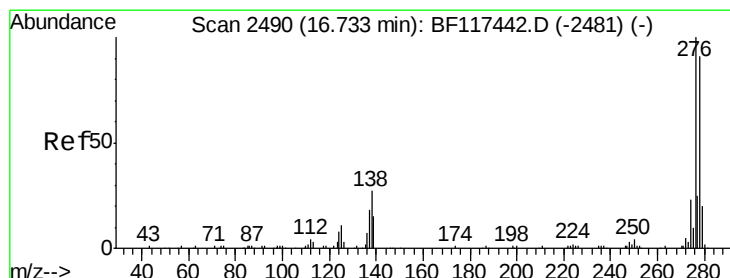
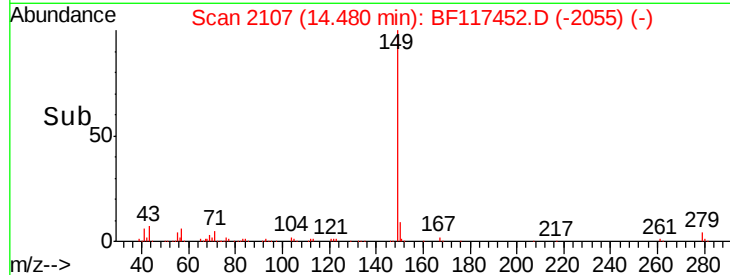
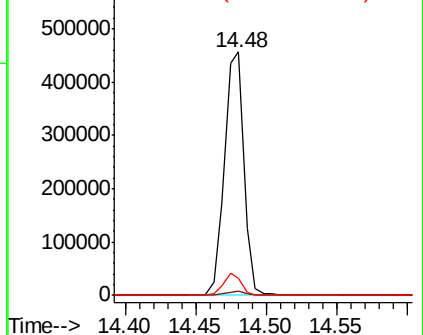


Abundance

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: 40.296 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

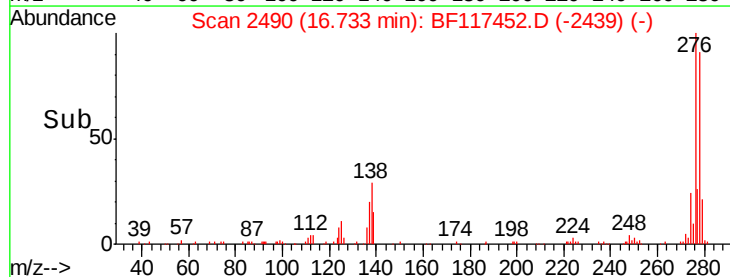
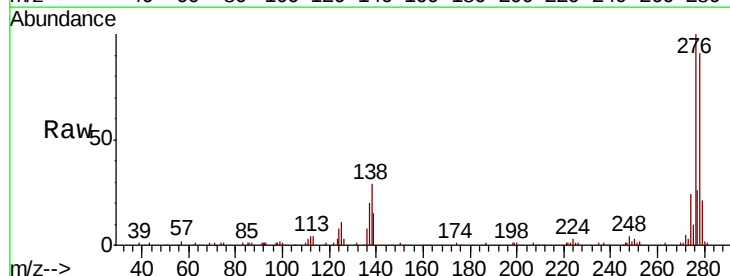
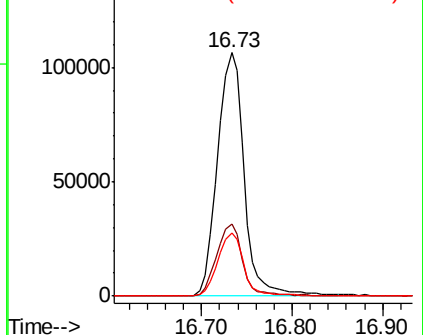
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	218718		
138	28.8		21.8	32.8
277	25.0		20.0	30.0

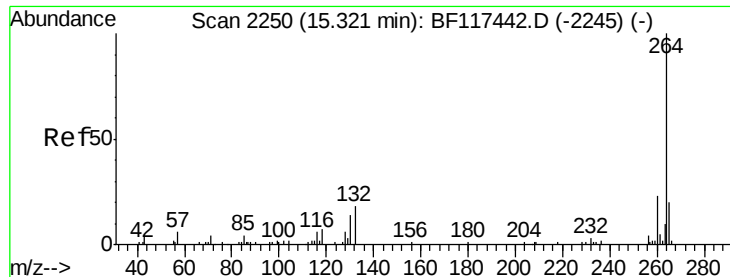
Abundance

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





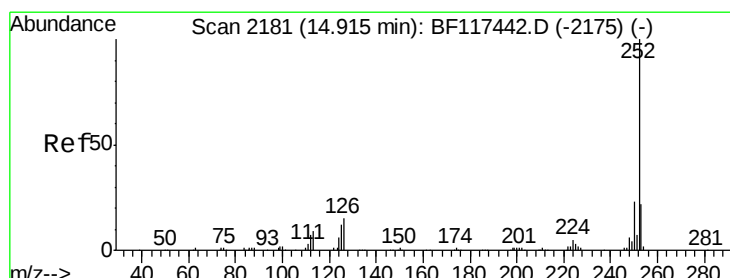
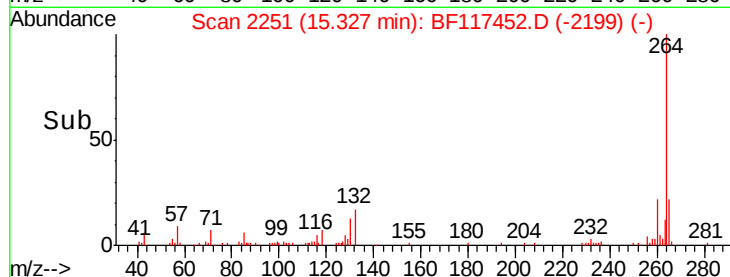
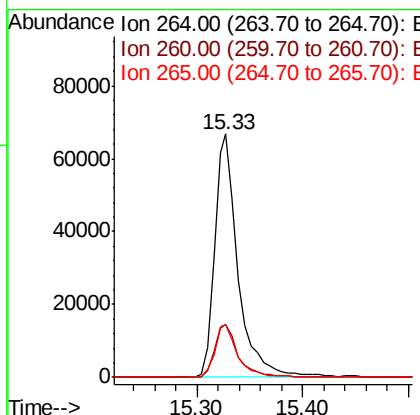
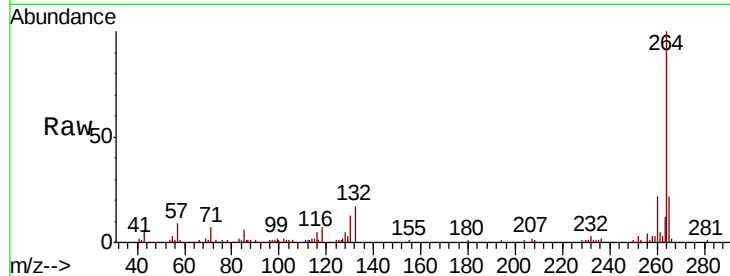
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	21.9	18.4	27.6		
265	21.8	16.1	24.1		

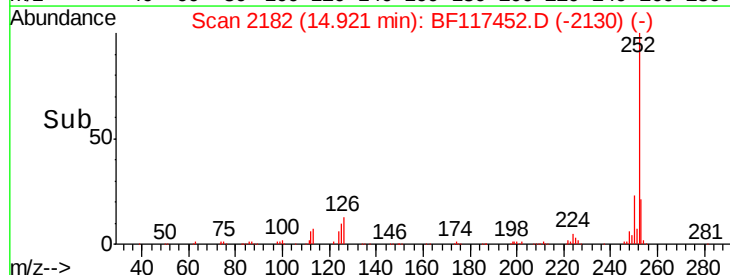
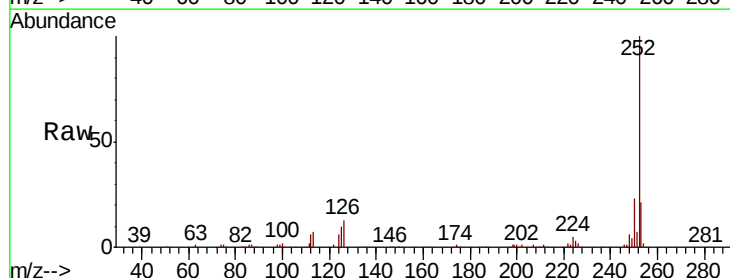
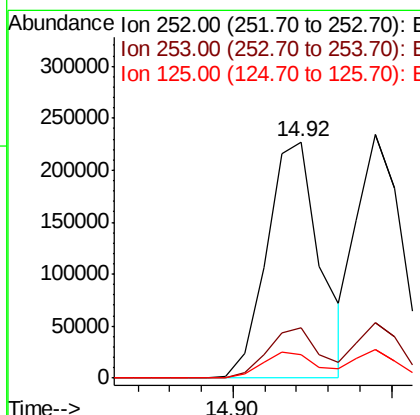
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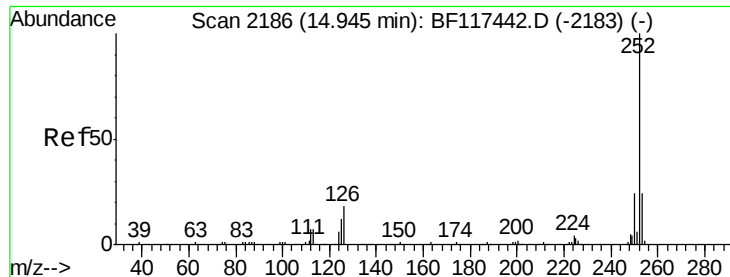
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.635 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	21.3	17.8	26.6		
125	10.2	9.9	14.9		





#89

Benzo(k)fluoranthene

Concen: 39.580 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

Instrument :

BNA_F

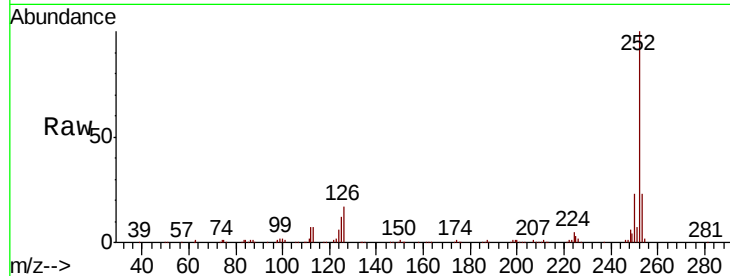
ClientSampleId :

PB124157BS

Tot Ion:	252	Resp:	247467
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	11.8	8.9	13.3

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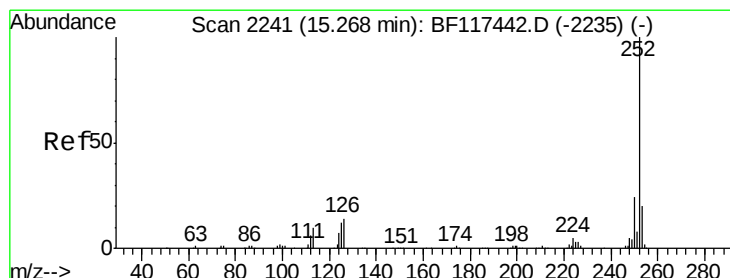
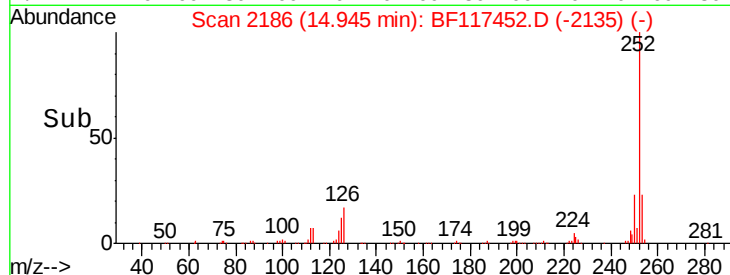
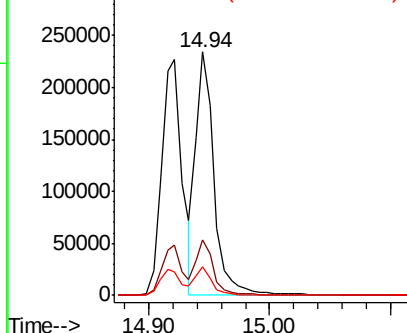


Abundance

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



#90

Benzo(a)pyrene

Concen: 41.579 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BF117452.D

Acq: 21 Oct 2019 17:29

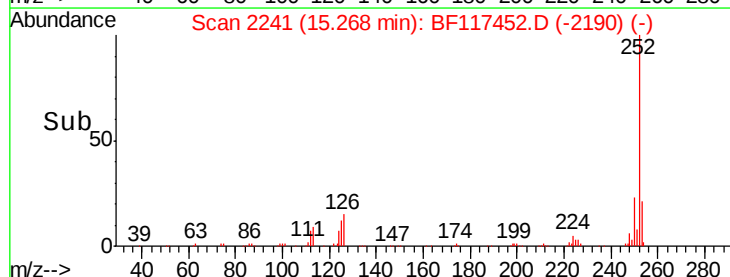
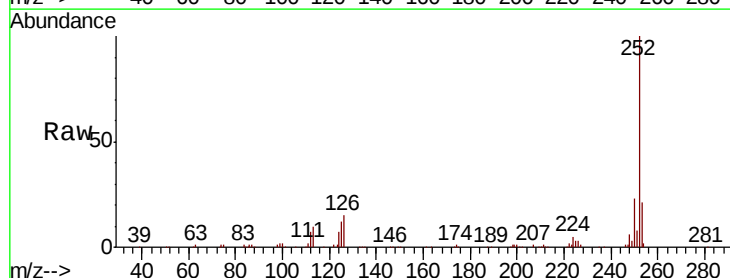
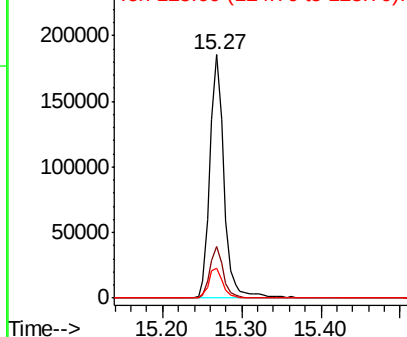
Tgt Ion:	252	Resp:	230610
Ion Ratio	Lower	Upper	
252	100		
253	21.1	16.3	24.5
125	12.2	9.2	13.8

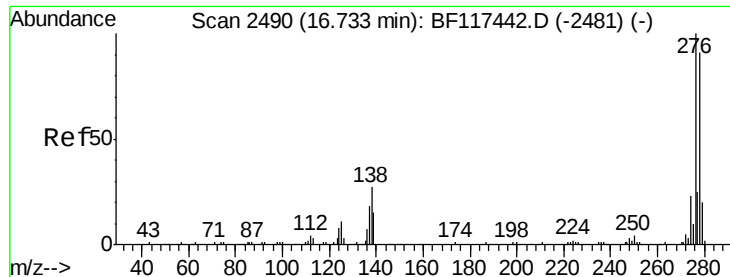
Abundance

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





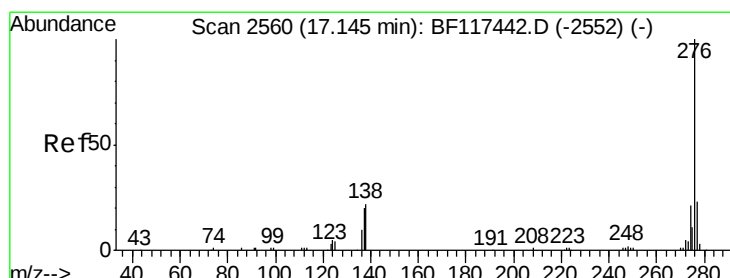
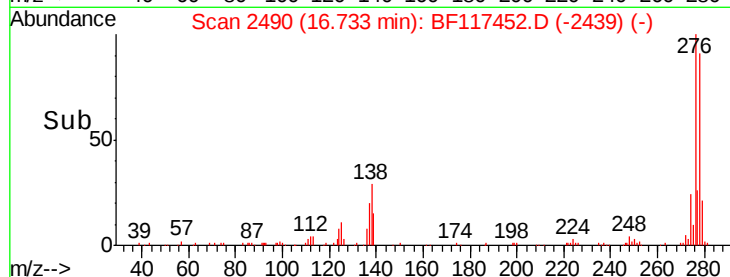
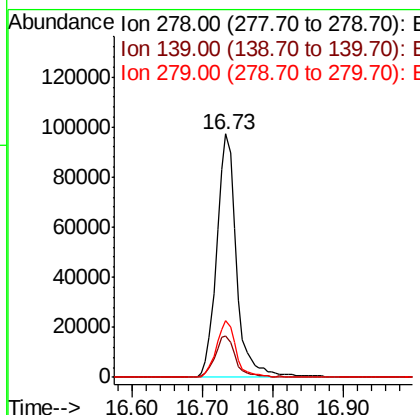
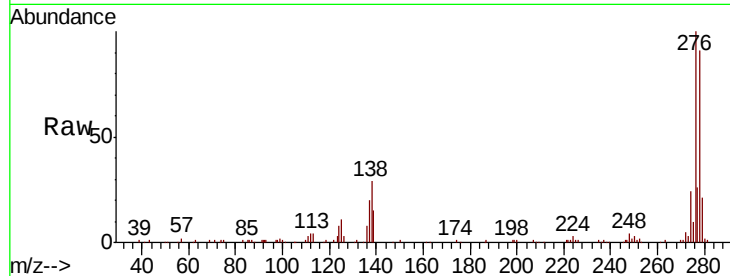
#91
Dibenzo(a,h)anthracene
Concen: 39.598 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Instrument :
BNA_F
ClientSampleId :
PB124157BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.4	20.0
279	23.4	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/22/2019 3:29:14 PM



#92
Benzo(g,h,i)perylene
Concen: 39.447 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF117452.D
Acq: 21 Oct 2019 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.4	27.6
138	22.0	17.8	26.6

