

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117450.D
 Acq On : 21 Oct 2019 16:36
 Operator : JU
 Sample : PB124147BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

Manual Integrations
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 10/22/2019 3:29:11 PM

Quant Time: Oct 22 02:03:54 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	53186	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	243389	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	128126	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	210430	20.00	ng	0.00
76) Chrysene-d12	13.90	240	143123	20.00	ng	0.00
87) Perylene-d12	15.34	264	87411	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	405550	113.44	ng	0.01
7) Phenol-d6	6.39	99	541809	112.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	285498	57.91	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	117245	105.76	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	542501	59.66	ng	0.00
79) Terphenyl-d14	12.83	244	523276	59.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	53306	35.465	ng	# 96
3) Pyridine	3.24	79	110793	30.111	ng	98
4) n-Nitrosodimethylamine	3.18	42	54960	41.172	ng	96
6) Aniline	6.40	93	148187	26.287	ng	# 72
8) 2-Chlorophenol	6.53	128	163767	43.412	ng	95
9) Benzaldehyde	6.29	77	62013	23.608	ng	96
10) Phenol	6.40	94	209231	42.693	ng	81
11) bis(2-Chloroethyl)ether	6.47	93	164449	45.366	ng	99
12) 1,3-Dichlorobenzene	6.67	146	161310	38.318	ng	98
13) 1,4-Dichlorobenzene	6.75	146	167996	39.338	ng	98
14) 1,2-Dichlorobenzene	6.90	146	159561	39.637	ng	99
15) Benzyl Alcohol	6.89	79	148929	43.413	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	155356	39.729	ng	76
17) 2-Methylphenol	7.00	107	135789	43.756	ng	96
18) Hexachloroethane	7.24	117	64935	38.956	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	126578	43.164	ng	96
20) 3+4-Methylphenols	7.16	107	178503	43.871	ng	# 87
22) Acetophenone	7.15	105	243138	37.621	ng	# 99
24) Nitrobenzene	7.32	77	185186	39.217	ng	98
25) Isophorone	7.56	82	344266	40.366	ng	99
26) 2-Nitrophenol	7.64	139	86451	41.049	ng	97
27) 2,4-Dimethylphenol	7.68	122	145066	46.090	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	205201	38.992	ng	99
29) 2,4-Dichlorophenol	7.89	162	136650	41.393	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	135188	38.160	ng	97
31) Naphthalene	8.04	128	477764	39.602	ng	99
32) Benzoic acid	7.85	122	88132	40.881	ng	96
33) 4-Chloroaniline	8.09	127	129049	25.346	ng	99
34) Hexachlorobutadiene	8.15	225	73533	35.861	ng	99
35) Caprolactam	8.47	113	48358m	45.599	ng	
36) 4-Chloro-3-methylphenol	8.59	107	159554	42.378	ng	100
37) 2-Methylnaphthalene	8.73	142	333688	41.049	ng	99
38) 1-Methylnaphthalene	8.83	142	311518	40.782	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	126700	36.715	ng	98

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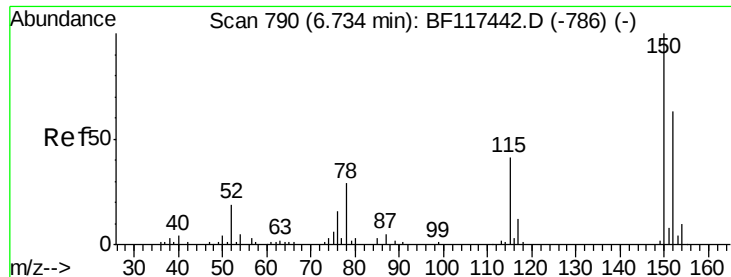
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	57973	67.213	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	85733	39.672	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	93762	42.816	nq	95
46) 1,1'-Biphenyl	9.19	154	393522	37.100	nq	99
47) 2-Chloronaphthalene	9.22	162	304117	38.026	nq	99
48) 2-Nitroaniline	9.32	65	100601	38.318	nq	94
49) Acenaphthylene	9.63	152	473911	40.343	nq	99
50) Dimethylphthalate	9.50	163	362584	39.696	nq	98
51) 2,6-Dinitrotoluene	9.56	165	77909	40.875	nq	94
52) Acenaphthene	9.80	154	279854	38.830	nq	99
53) 3-Nitroaniline	9.73	138	61116	26.427	nq	99
54) 2,4-Dinitrophenol	9.86	184	62657	79.492	nq	94
55) Dibenzofuran	9.97	168	425532	40.753	nq	98
56) 4-Nitrophenol	9.92	139	91723	85.843	nq	92
57) 2,4-Dinitrotoluene	9.97	165	101512	40.058	nq	92
58) Fluorene	10.32	166	349436	40.468	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	74217	43.121	nq	98
60) Diethylphthalate	10.19	149	377108	40.818	nq	97
61) 4-Chlorophenyl-phenylether	10.30	204	155729	40.198	nq	98
62) 4-Nitroaniline	10.36	138	75241	34.517	nq	98
63) Azobenzene	10.47	77	391042	41.347	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	46869	43.808	nq	94
66) n-Nitrosodiphenylamine	10.43	169	303244	39.419	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	86688	38.246	nq	98
68) Hexachlorobenzene	10.87	284	88793	36.580	nq	98
69) Atrazine	10.96	200	93798	47.923	nq	94
70) Pentachlorophenol	11.07	266	73123	100.487	nq	98
71) Phenanthrene	11.28	178	473567	38.757	nq	98
72) Anthracene	11.33	178	496632	39.612	nq	99
73) Carbazole	11.49	167	449994	39.275	nq	99
74) Di-n-butylphthalate	11.81	149	615807	40.225	nq	99
75) Fluoranthene	12.47	202	478505	39.119	nq	98
77) Benzidine	12.59	184	96111	19.827	nq	99
78) Pyrene	12.70	202	484869	39.441	nq	98
80) Butylbenzylphthalate	13.30	149	237472	38.818	nq	98
81) Benzo(a)anthracene	13.89	228	373555	38.693	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	101092	33.370	nq	98
83) Chrysene	13.93	228	362015	38.261	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	347315	40.529	nq	# 95
85) Di-n-octyl phthalate	14.49	149	543326	41.237	nq	97
86) Indeno(1,2,3-cd)pyrene	16.76	276	245709	34.782	nq	99
88) Benzo(b)fluoranthene	14.94	252	294280m	57.012	nq	
89) Benzo(k)fluoranthene	14.96	252	274296	51.847	nq	98
90) Benzo(a)pyrene	15.29	252	239642	51.063	nq	97
91) Dibenzo(a,h)anthracene	16.76	278	208414	51.359	nq	97
92) Benzo(g,h,i)perylene	17.17	276	203142	52.908	nq	100

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



#1

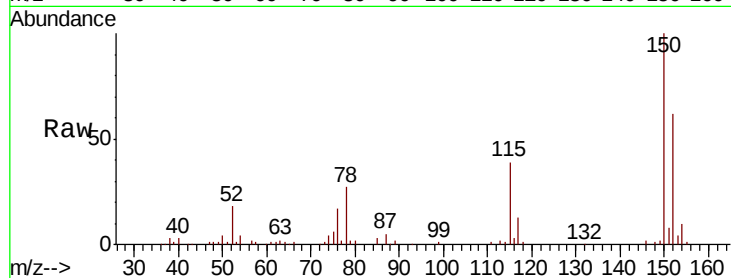
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.8	190.2
115	62.9	51.6	77.4

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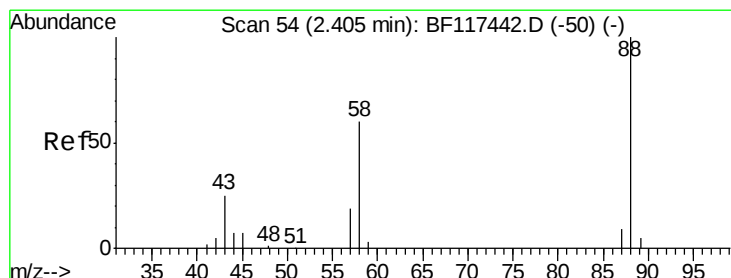
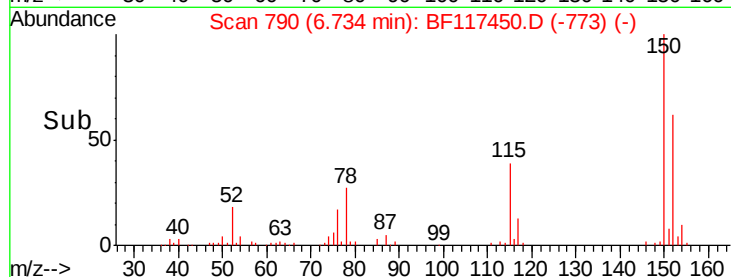
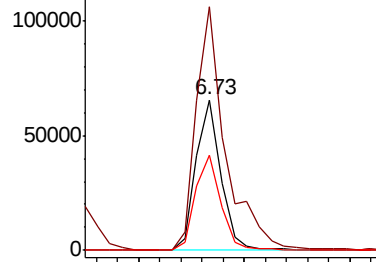


Abundance

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: 35.465 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.11 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

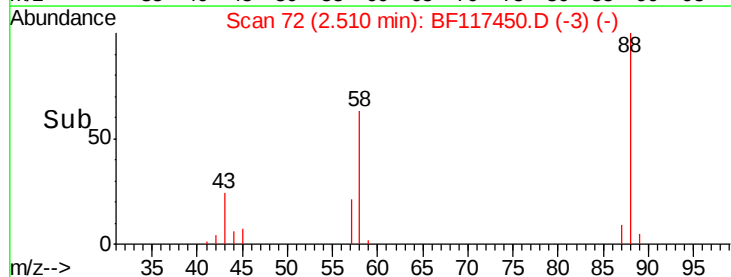
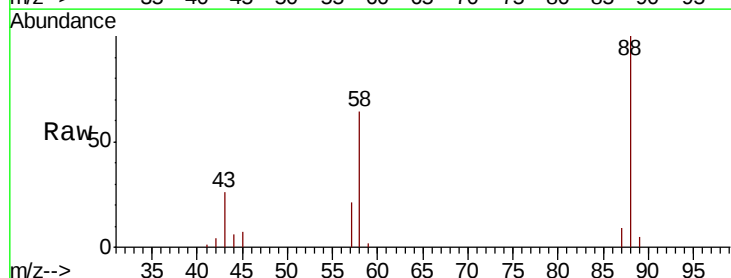
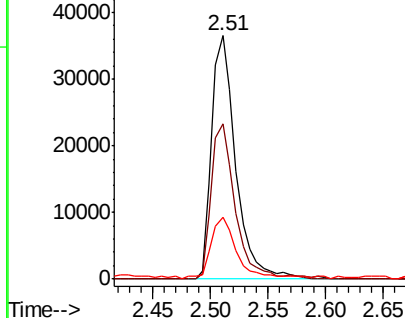
Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	48.8	73.2
43	27.7	18.5	27.7#

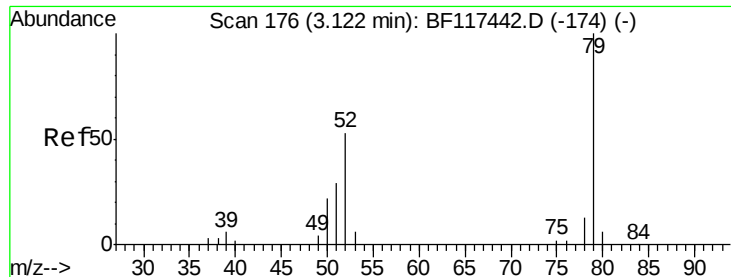
Abundance

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





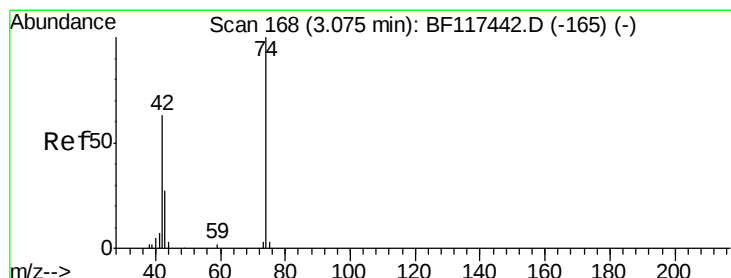
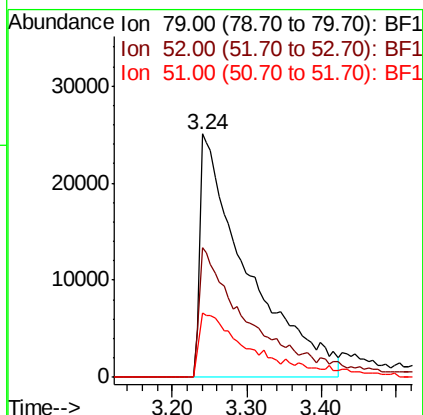
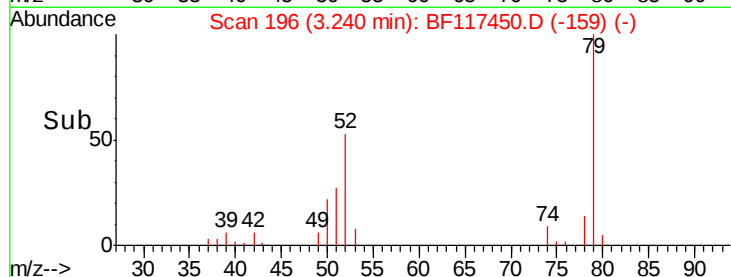
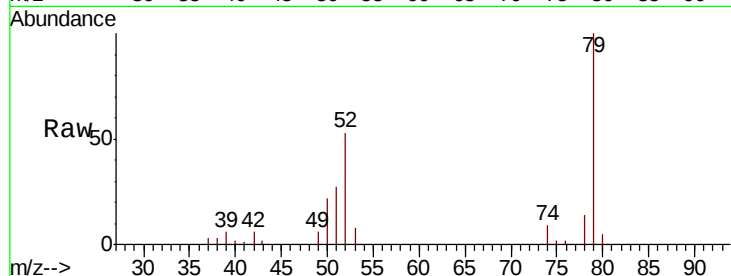
#3
 Pvridine
 Concen: 30.111 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.12 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.1	42.4	63.6
51	26.5	23.3	34.9

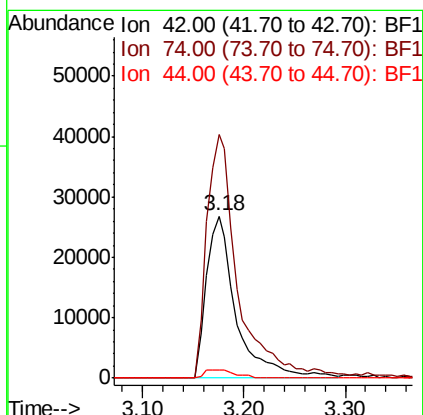
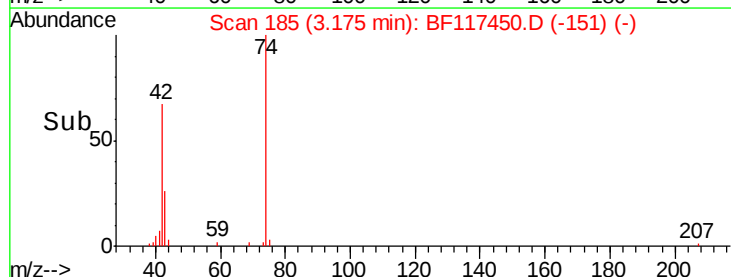
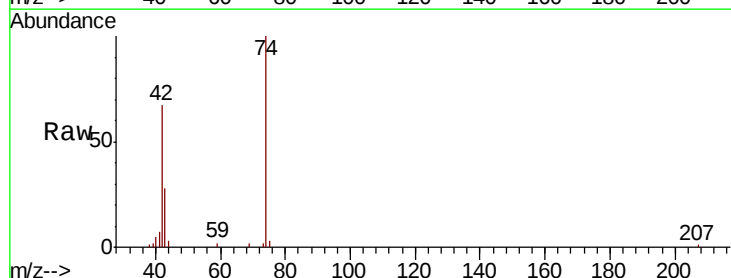
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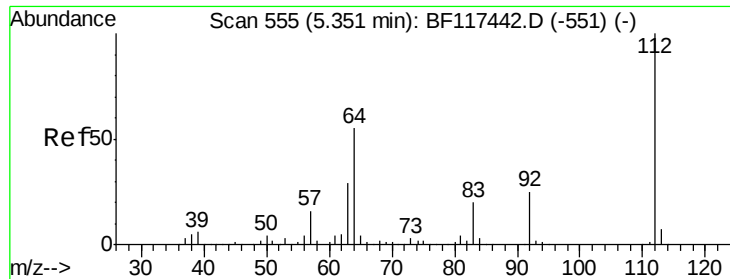
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#4
 n-Nitrosodimethylamine
 Concen: 41.172 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.10 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.4	124.2	186.4
44	5.2	4.2	6.4





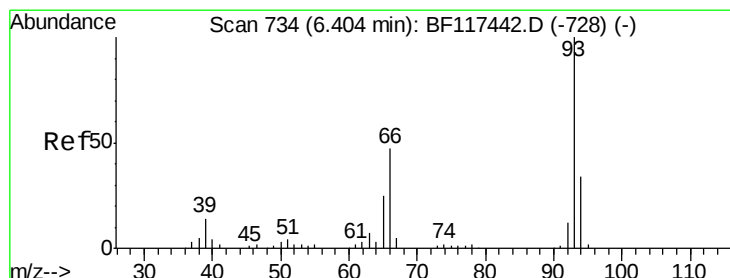
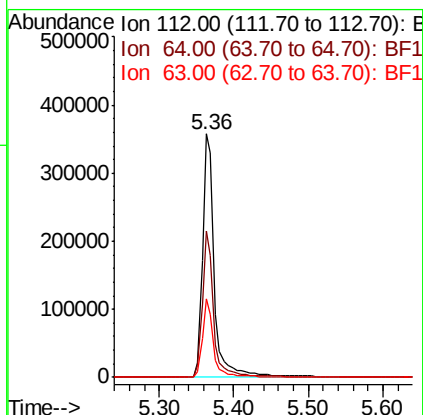
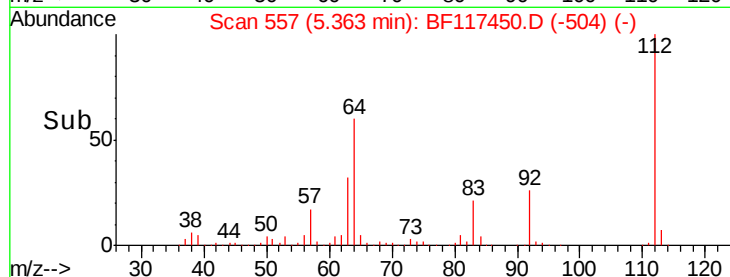
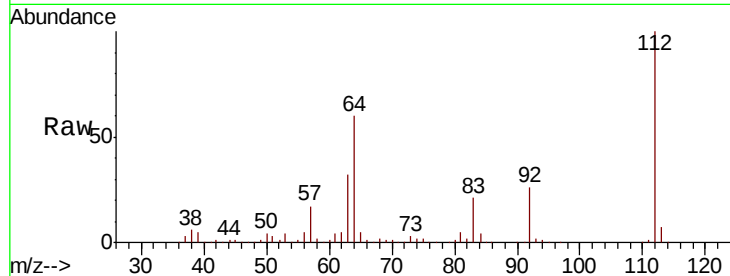
#5
2-Fluorophenol
Concen: 113.439 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.0	23.4	35.2

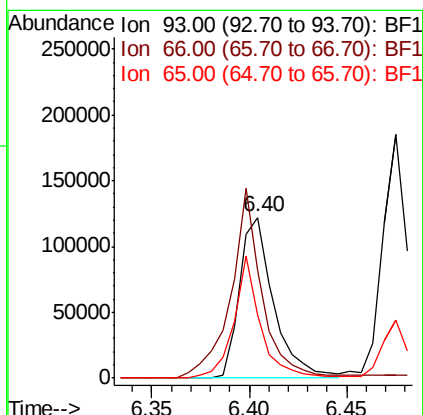
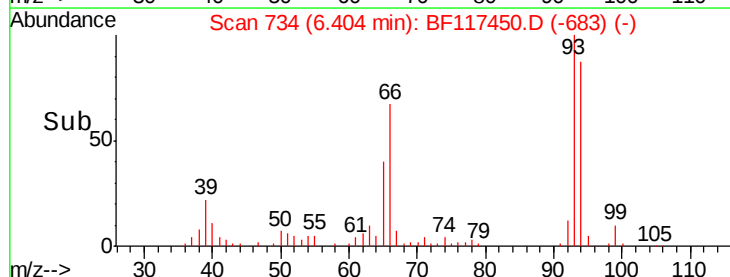
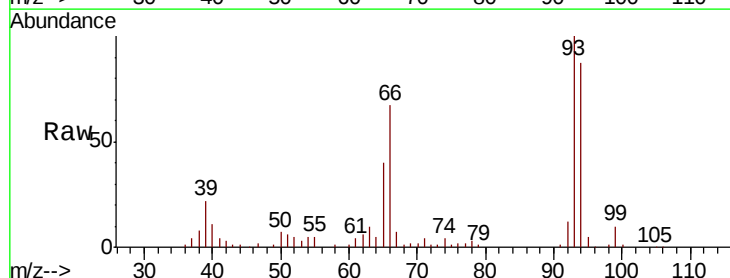
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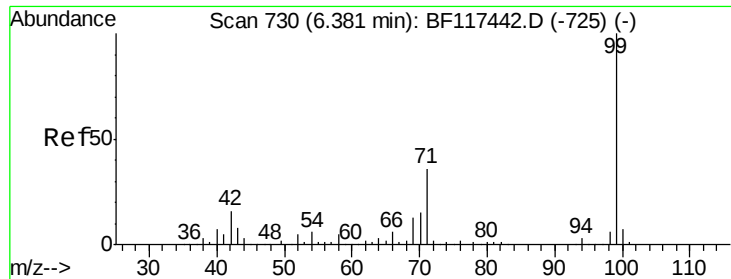
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#6
Aniline
Concen: 26.287 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	66.7	38.7	58.1#
65	39.5	20.1	30.1#





#7

Phenol-d6

Concen: 112.837 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

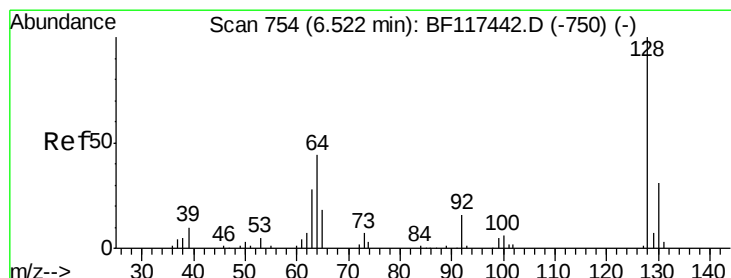
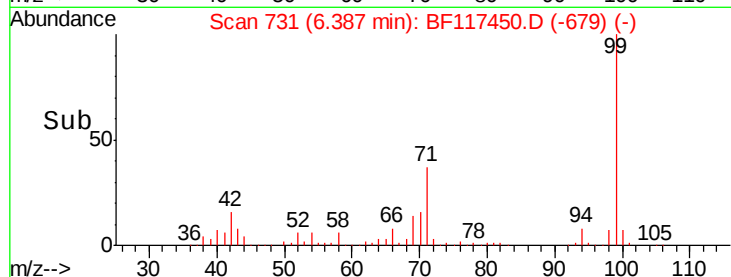
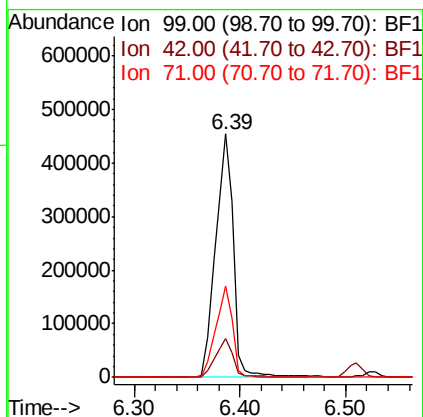
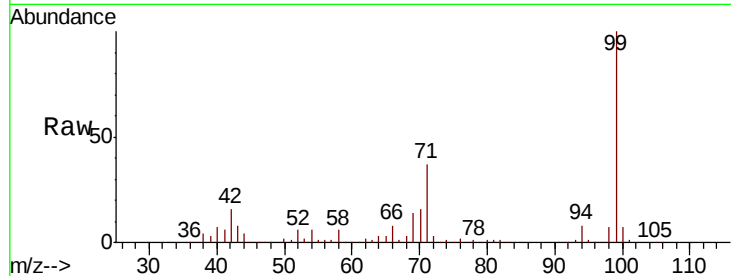
ClientSampleId :

PB124147BS

Tot Ion:	99	Resp:	541809
Ion Ratio	Lower	Upper	
99	100		
42	16.1	12.8	19.2
71	37.3	28.6	43.0

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#8

2-Chlorophenol

Concen: 43.412 ng

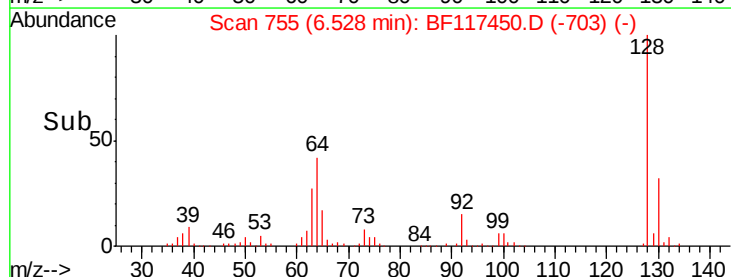
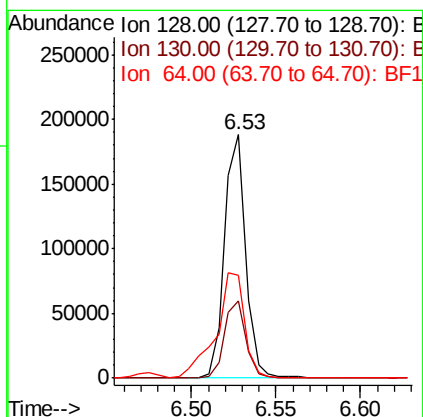
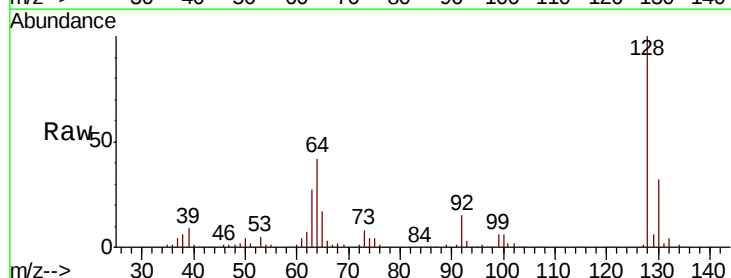
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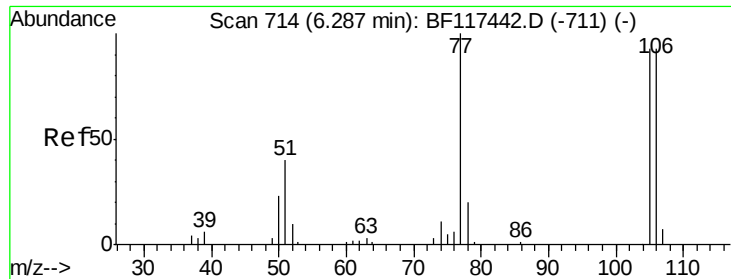
Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:	128	Resp:	163767
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.1	51.1
64	42.0	27.1	67.1





#9

Benzaldehyde

Concen: 23.608 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

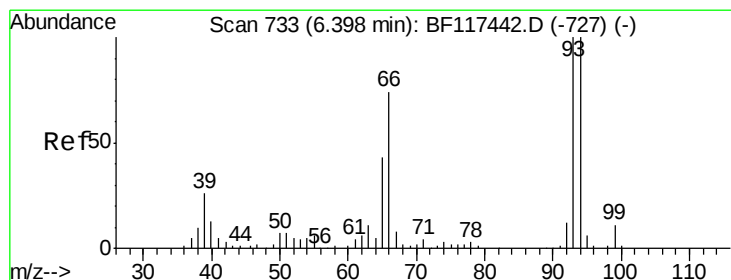
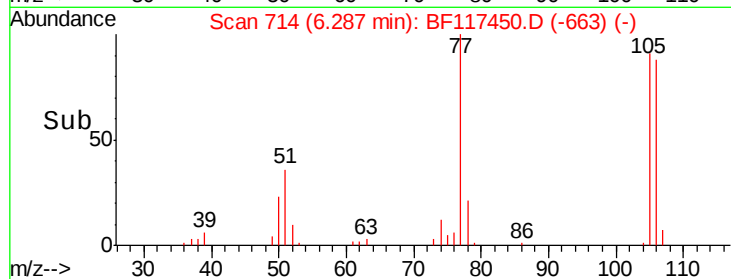
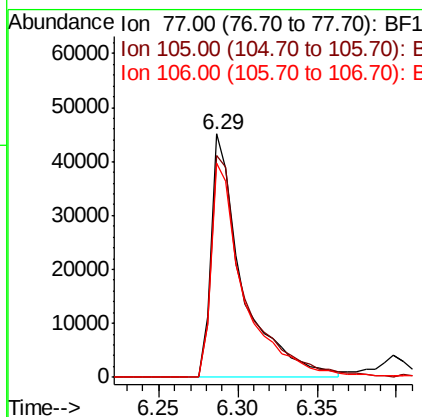
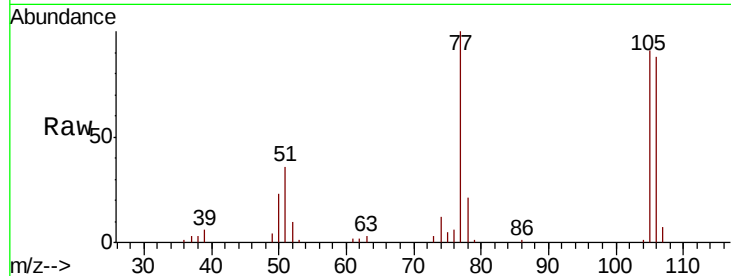
ClientSampleId :

PB124147BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.0	73.4	113.4
106	87.8	73.0	113.0

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#10

Phenol

Concen: 42.693 ng

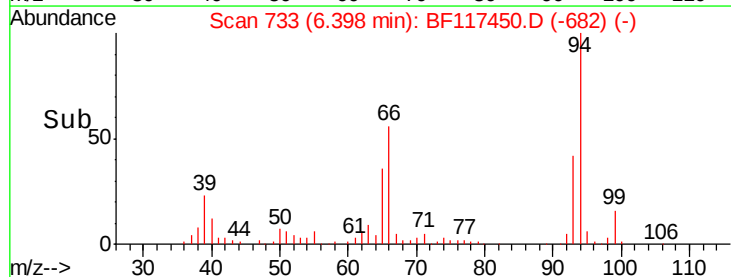
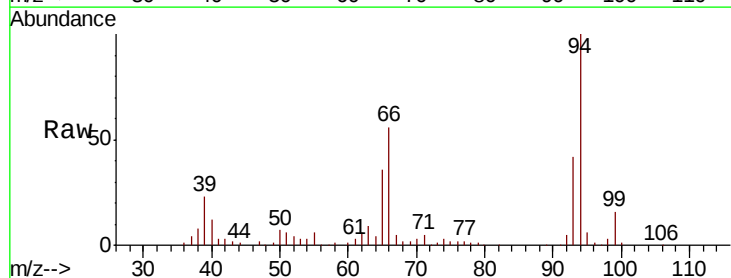
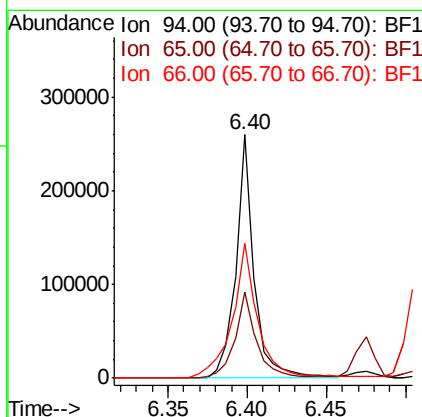
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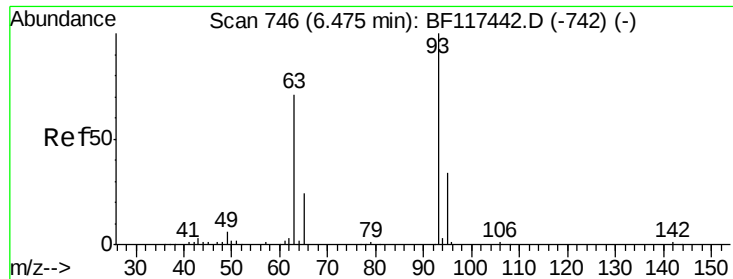
Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	23.4	63.4
66	55.5	54.7	94.7





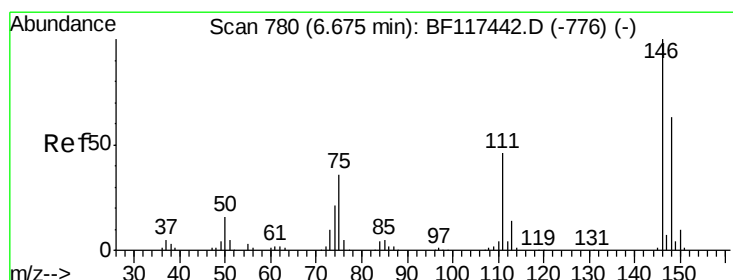
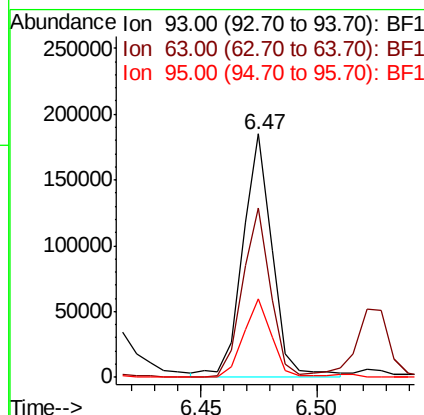
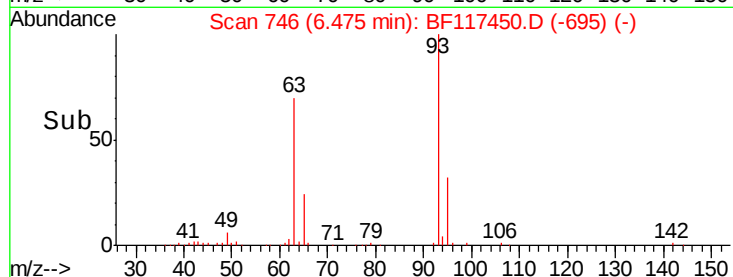
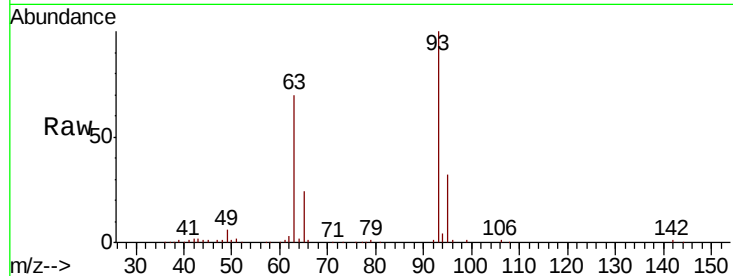
#11
bis(2-Chloroethyl)ether
Concen: 45.366 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion:	93	Resp:	164449
Ion	Ratio	Lower	Upper
93	100		
63	69.7	50.2	90.2
95	32.0	13.9	53.9

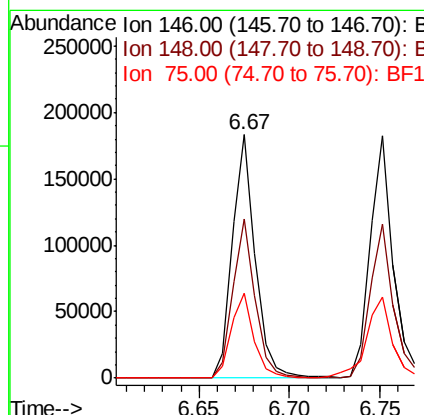
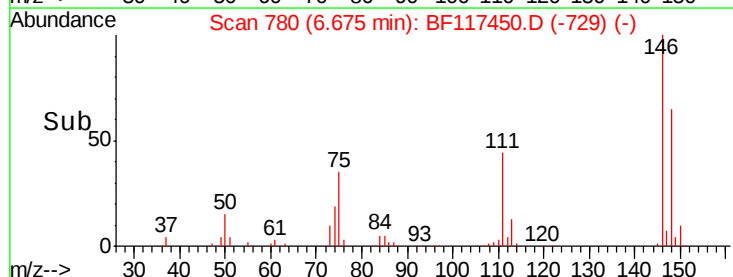
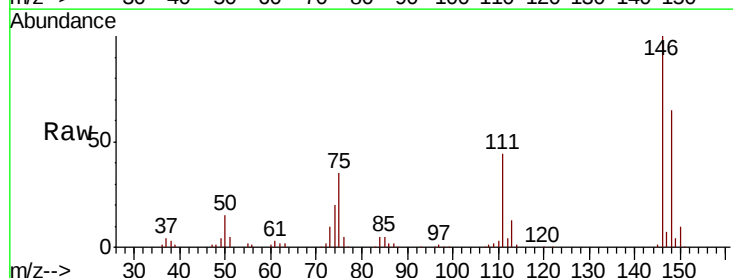
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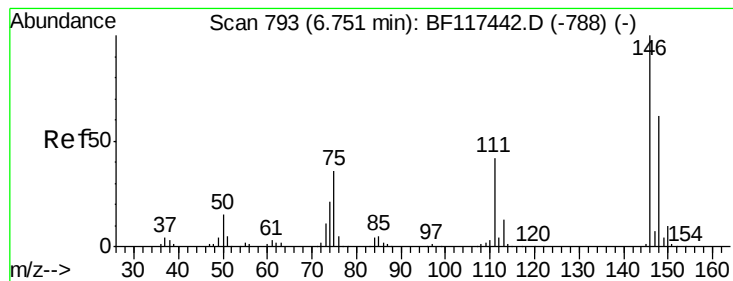
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.318 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion:	146	Resp:	161310
Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
75	35.0	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 39.338 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

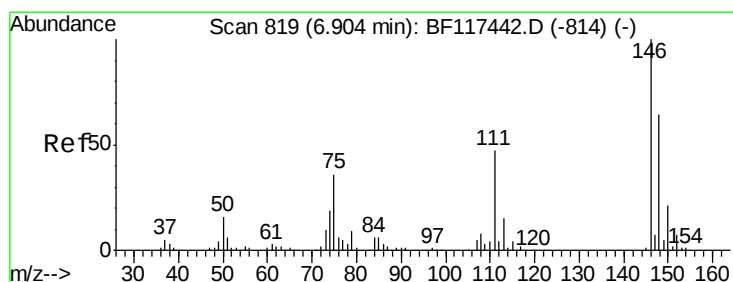
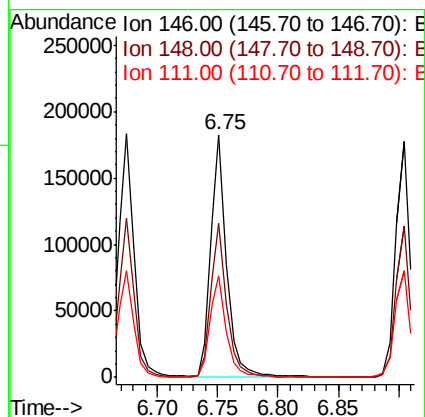
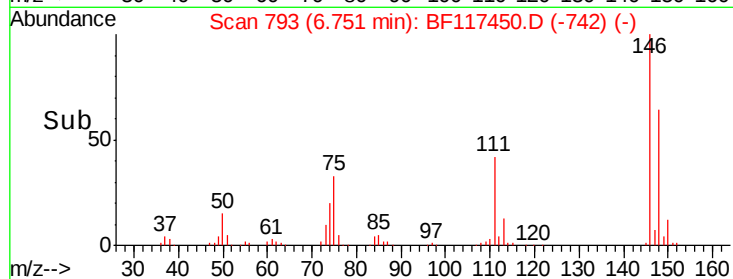
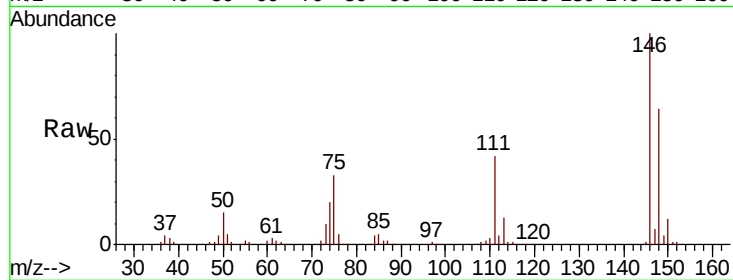
ClientSampleID :

PB124147BS

Tot Ion:	146	Resp:	167996
Ion Ratio	Lower	Upper	
146	100		
148	63.5	49.3	73.9
111	41.9	33.6	50.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.637 ng

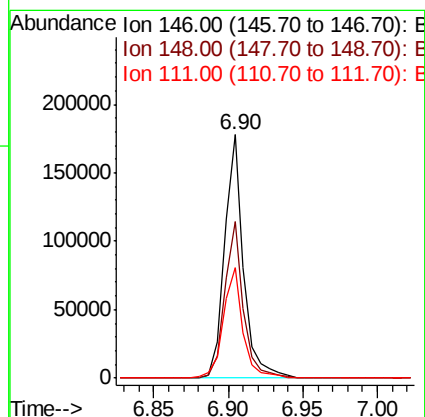
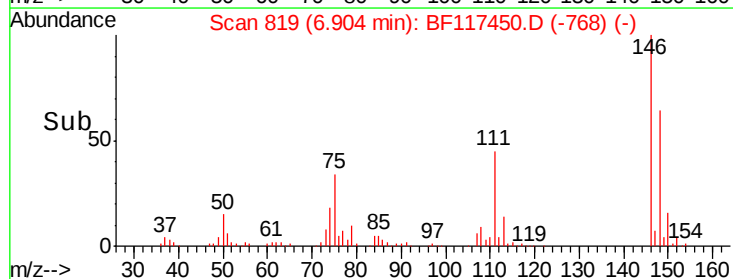
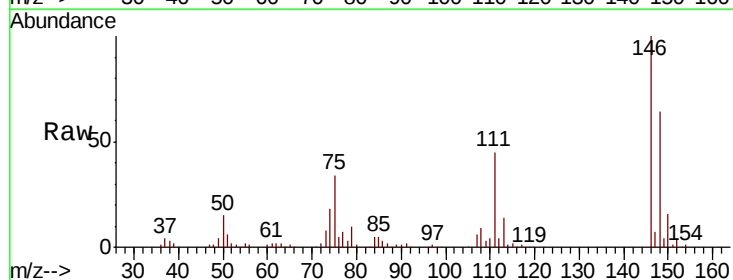
RT: 6.90 min Scan# 819

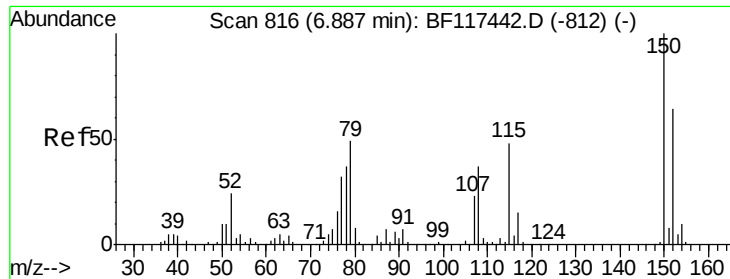
Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:	146	Resp:	159561
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
111	45.2	37.7	56.5





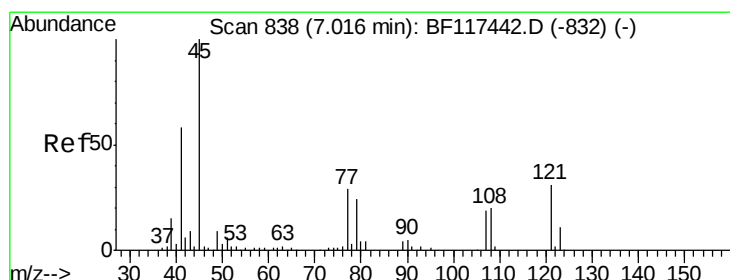
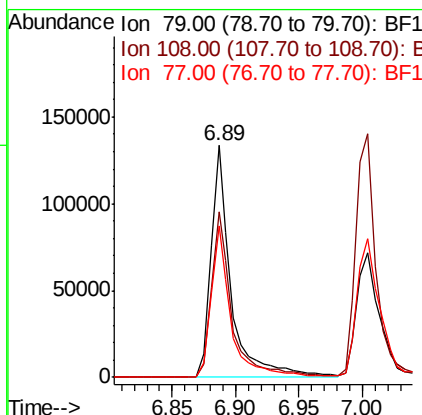
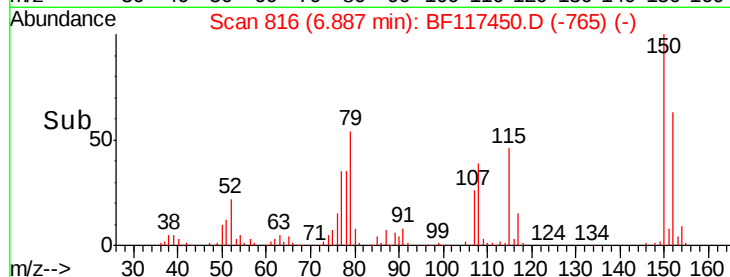
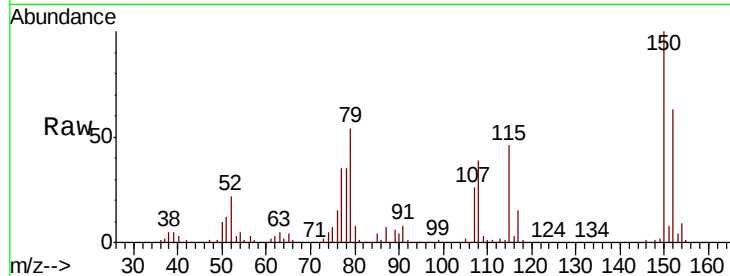
#15
Benzyl Alcohol
Concen: 43.413 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.7	59.8	89.8
77	65.4	51.4	77.0

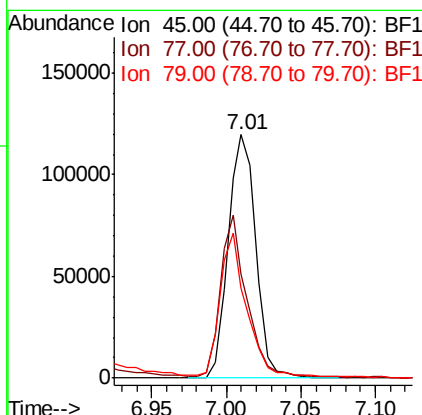
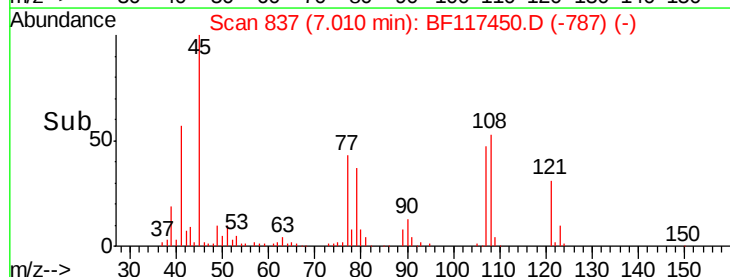
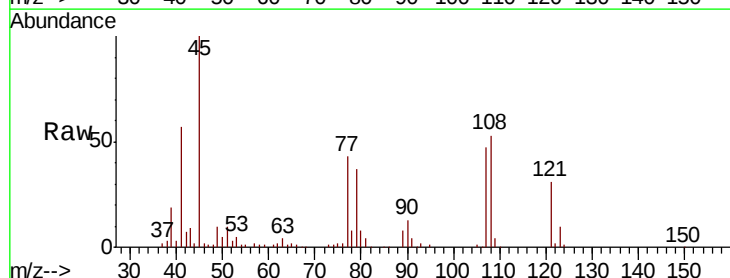
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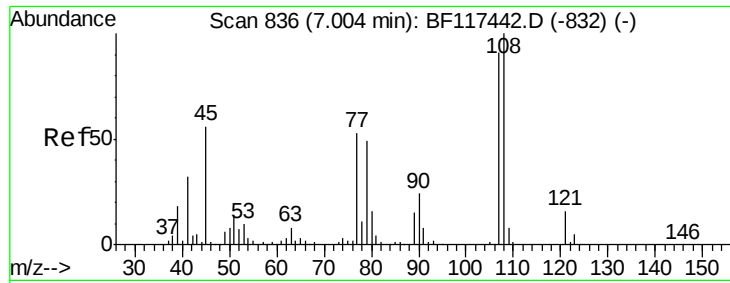
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.729 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	43.0	9.9	49.9
79	37.1	5.5	45.5





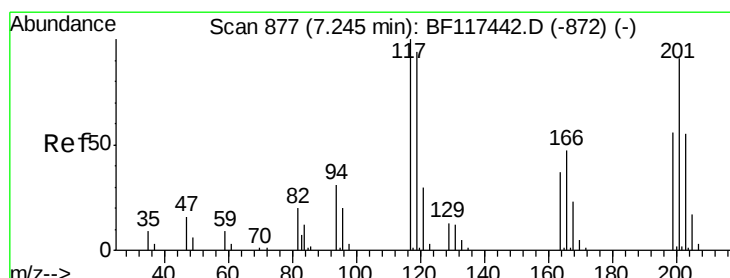
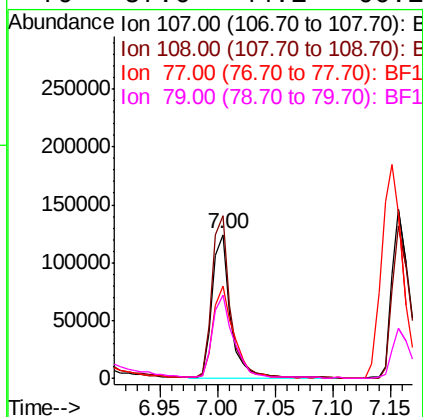
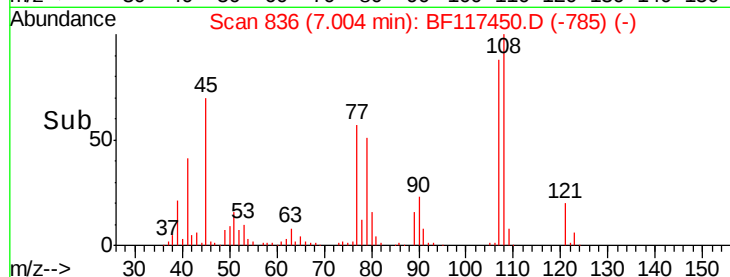
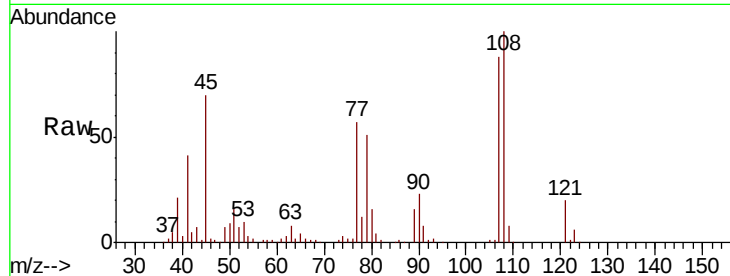
#17
2-Methylphenol
Concen: 43.756 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	88.0	132.0	
77	64.4	47.2	70.8	
79	57.6	44.1	66.1	

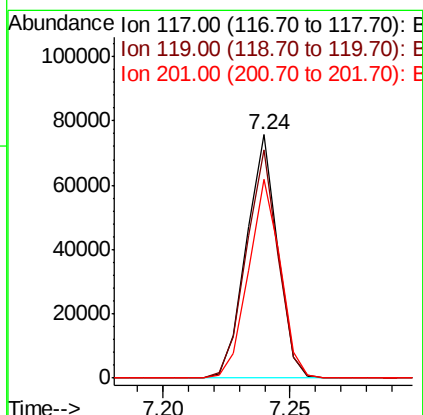
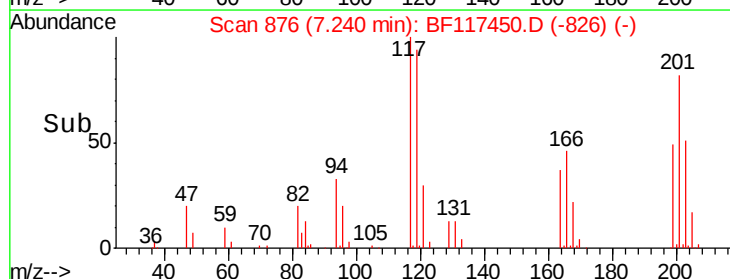
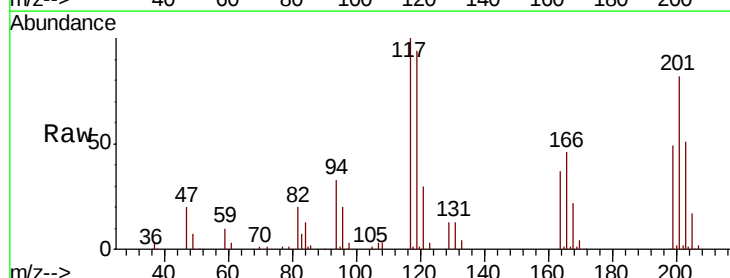
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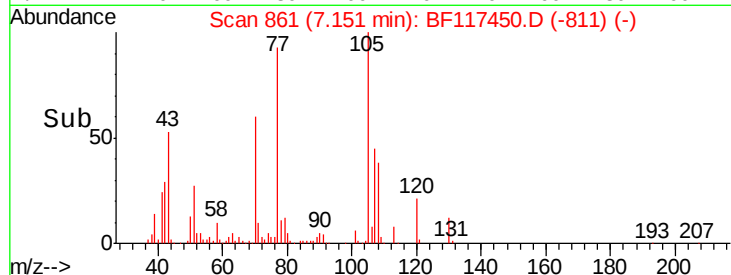
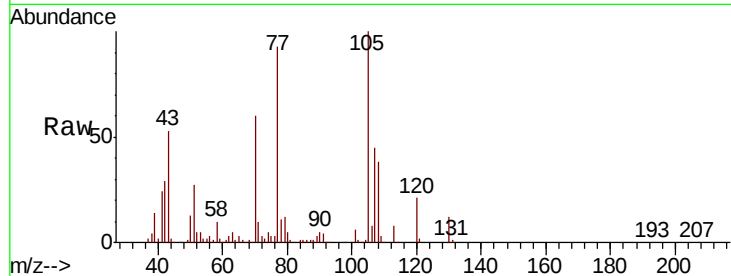
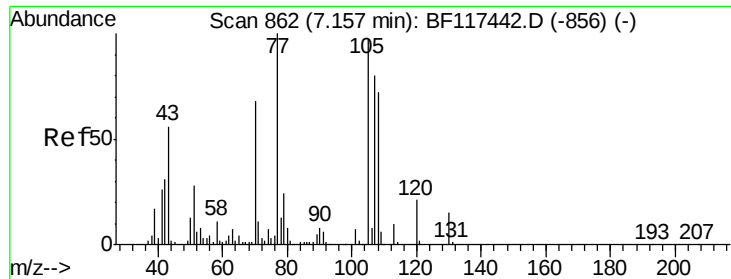
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#18
Hexachloroethane
Concen: 38.956 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	75.4	113.0	
201	81.9	72.5	108.7	





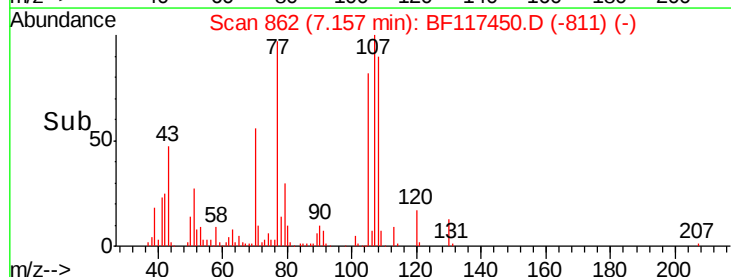
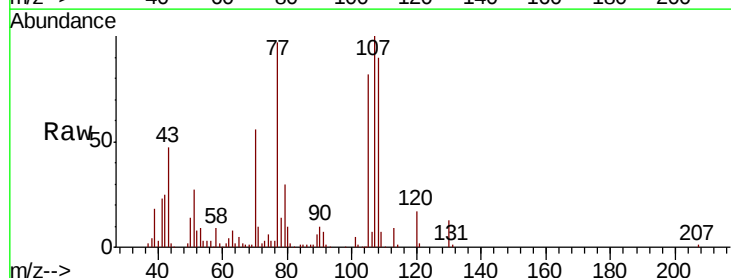
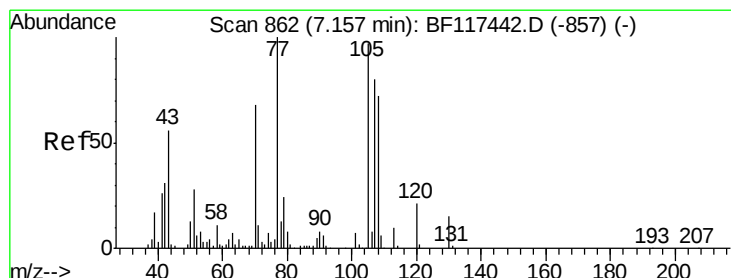
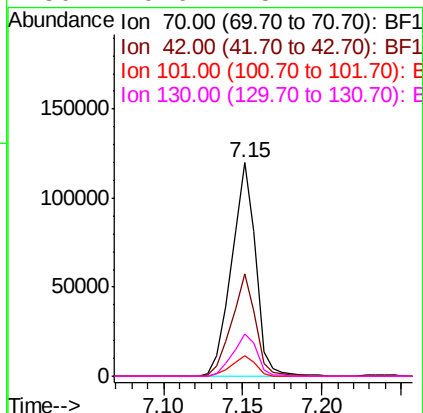
#19
n-Nitroso-di-n-propylamine
Concen: 43.164 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.2	36.7	55.1
101	9.6	8.3	12.5
130	19.6	18.1	27.1

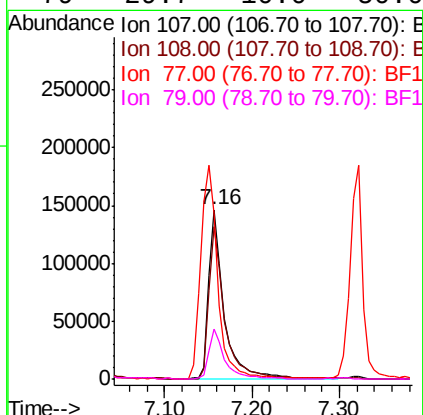
Manual Integrations
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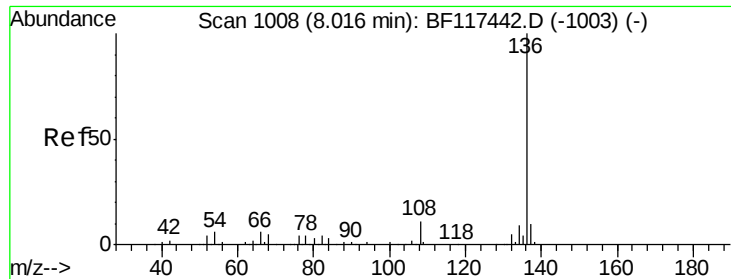
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#20
3+4-Methylphenols
Concen: 43.871 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.3	110.3
77	97.5	104.8	144.8#
79	29.7	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

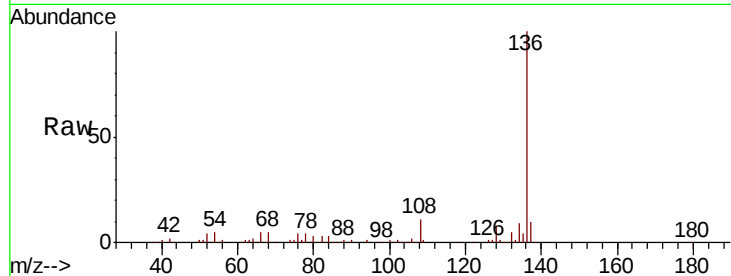
ClientSampleId :

PB124147BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		243389		
137	10.3		8.2	12.4	
54	5.4		4.5	6.7	
68	4.8		4.3	6.5	

Manual Integrations
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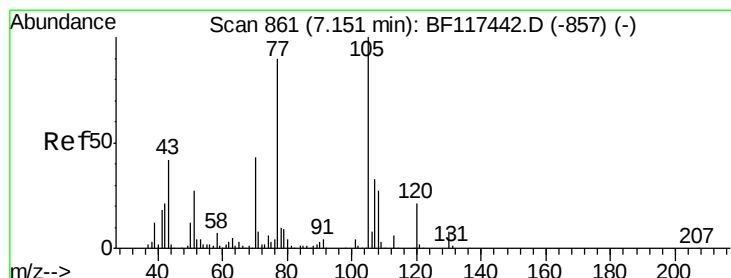
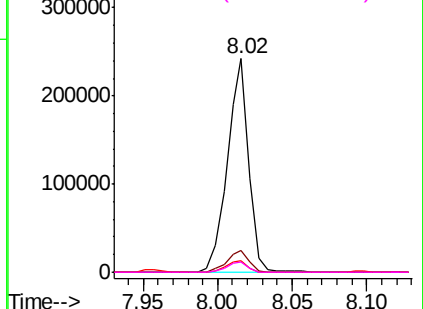
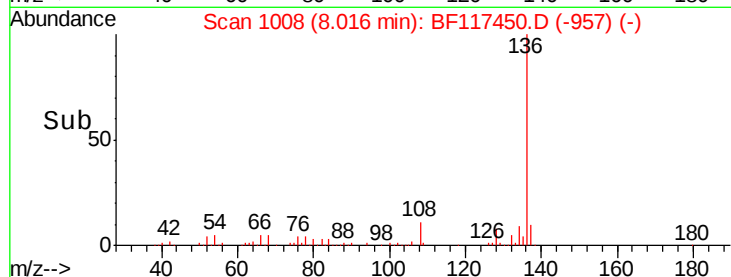
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.621 ng

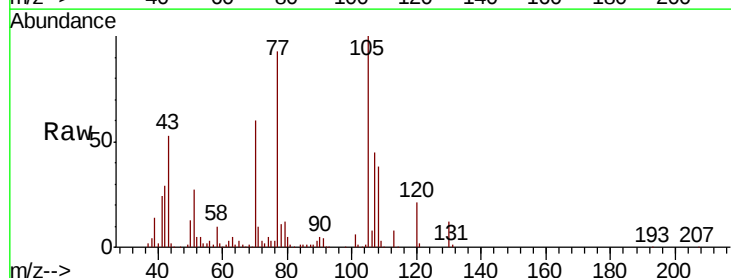
RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		243138		
71	9.9		6.2	9.2#	
51	27.0		21.8	32.6	
120	21.1		16.7	25.1	



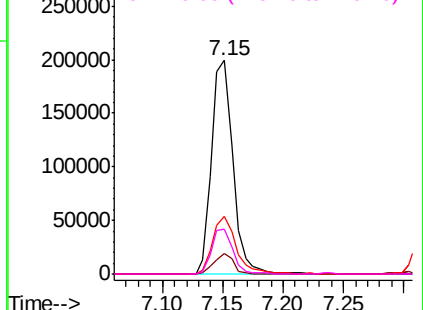
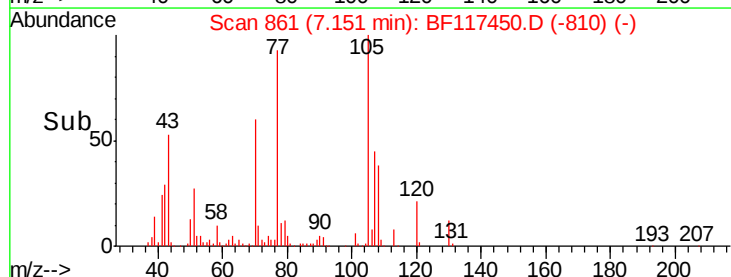
Abundance

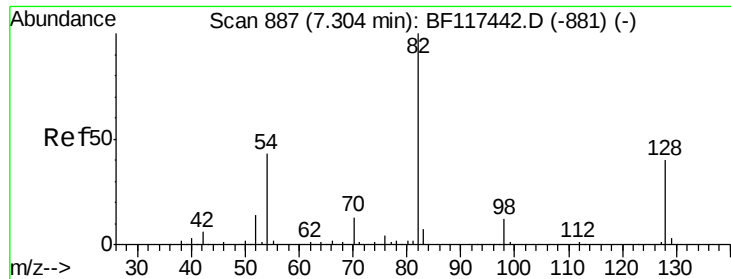
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





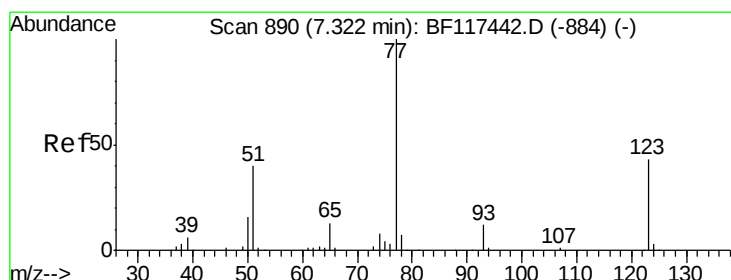
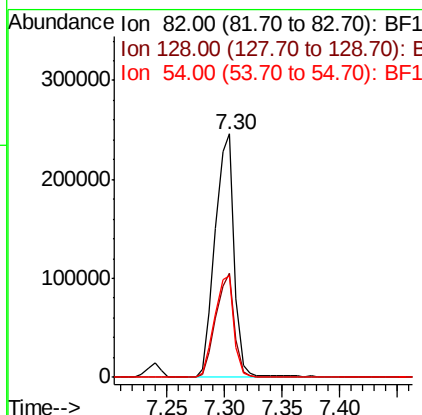
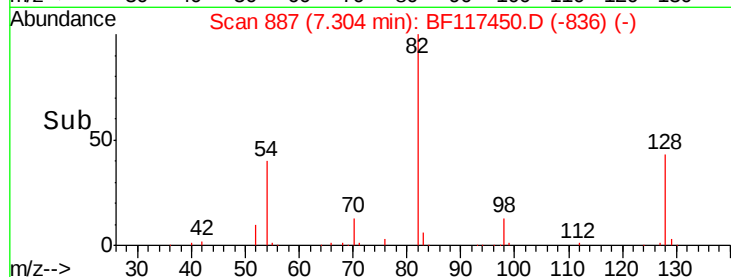
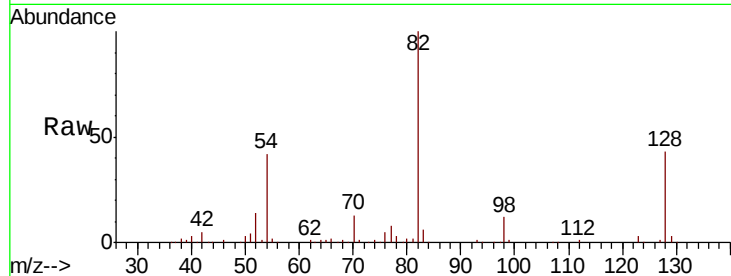
#23
Nitrobenzene-d5
Concen: 57.909 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	285498		
128	42.7		32.2	48.2
54	41.5		34.2	51.2

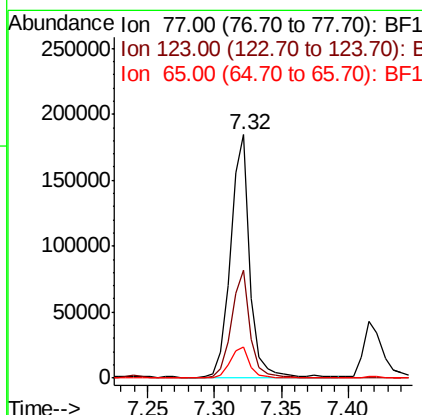
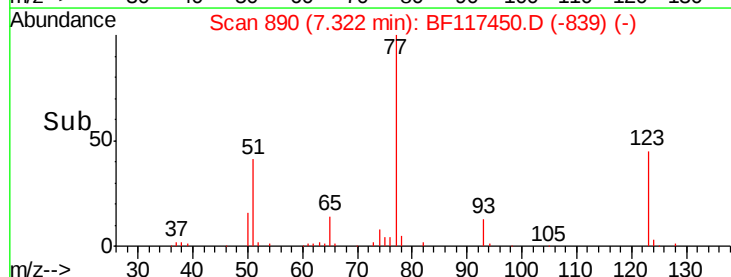
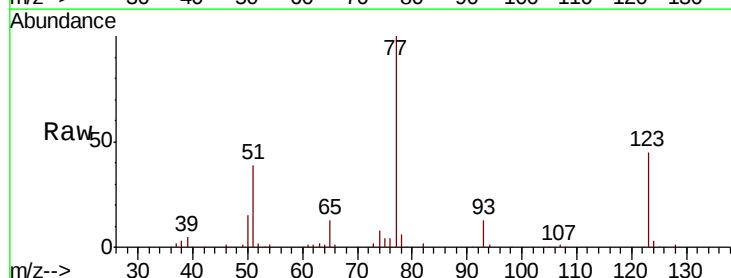
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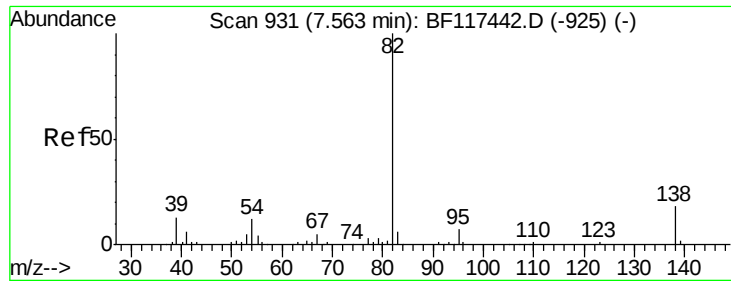
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#24
Nitrobenzene
Concen: 39.217 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	185186		
123	44.5		34.2	51.2
65	12.8		10.3	15.5





#25

Isophorone

Concen: 40.366 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

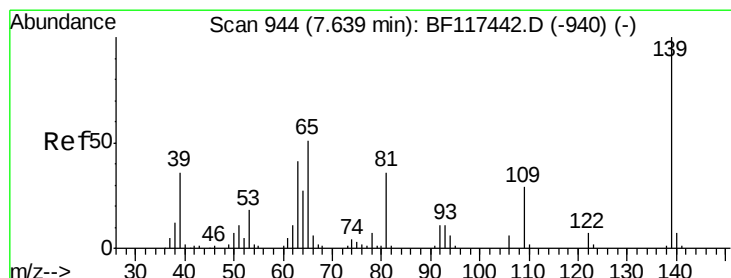
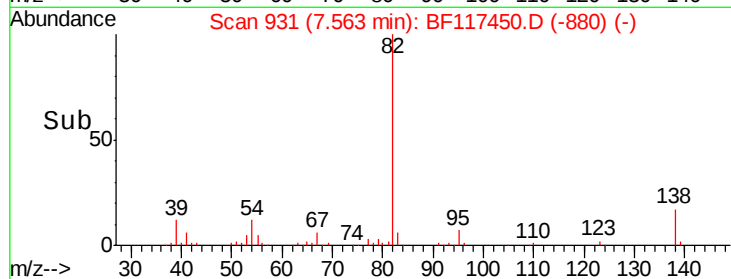
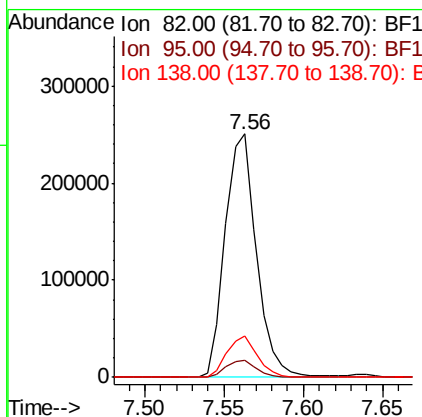
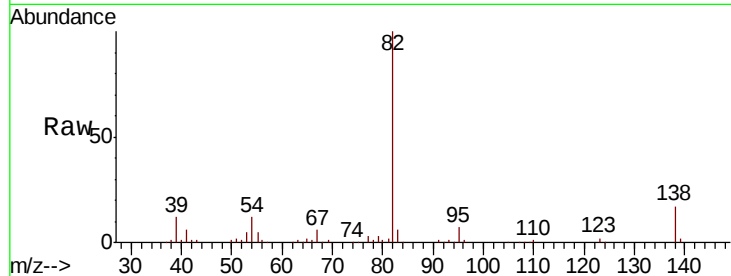
ClientSampleId :

PB124147BS

Tot Ion:	82	Resp:	344266
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.0
138	17.0	14.2	21.2

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#26

2-Nitrophenol

Concen: 41.049 ng

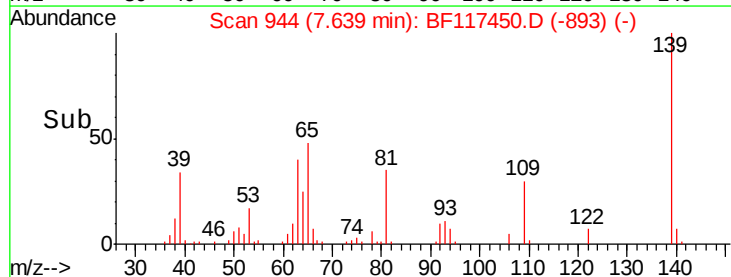
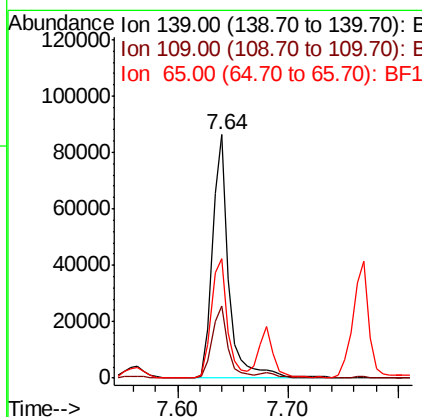
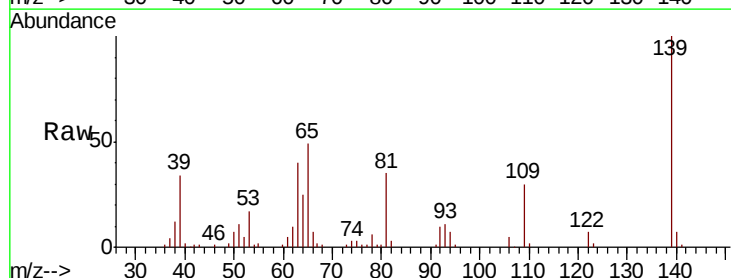
RT: 7.64 min Scan# 944

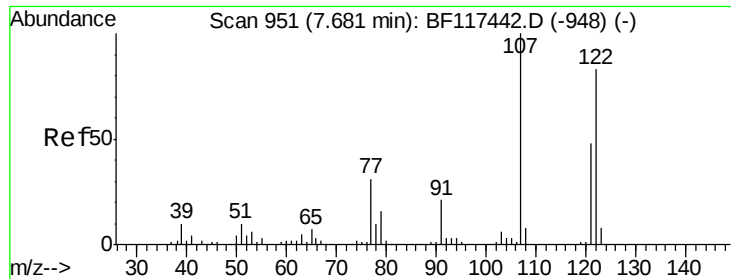
Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:	139	Resp:	86451
Ion Ratio	Lower	Upper	
139	100		
109	29.8	23.2	34.8
65	49.0	41.1	61.7





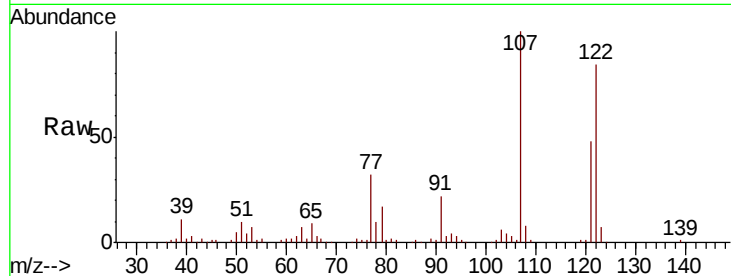
#27
2,4-Dimethylphenol
Concen: 46.090 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampled :
PB124147BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	145066		
107	119.2	96.8	145.2	
121	57.0	46.4	69.6	

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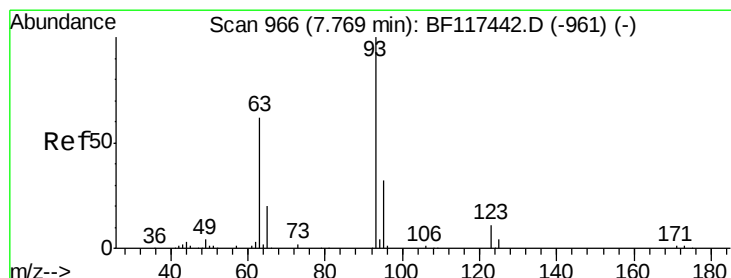
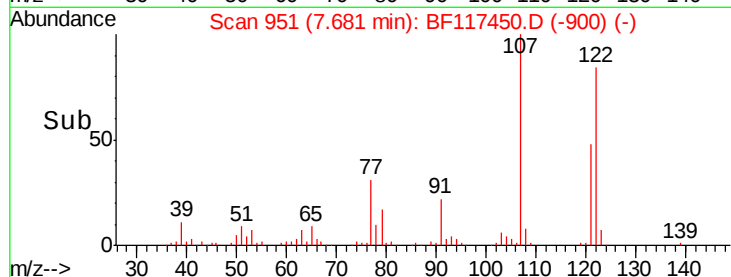
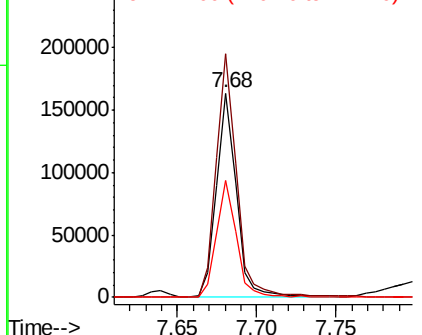


Abundance

Ion 122.00 (121.70 to 122.70): E

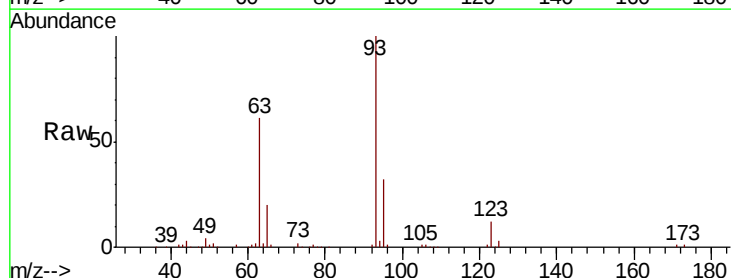
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.992 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	205201		
95	31.6	25.5	38.3	
123	11.5	9.0	13.6	

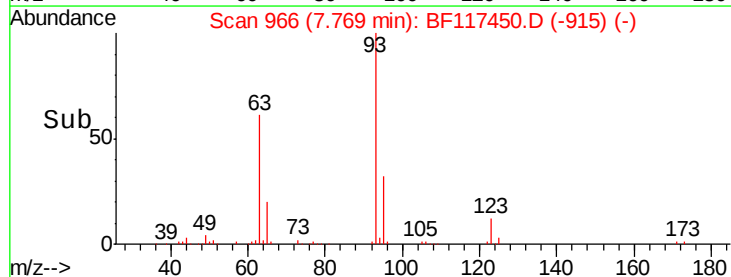
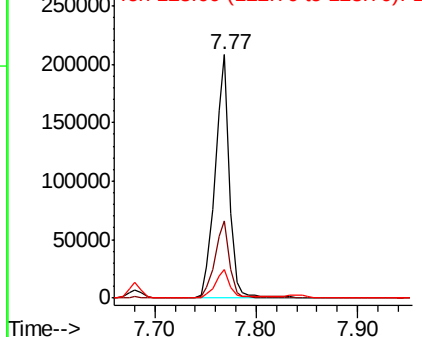


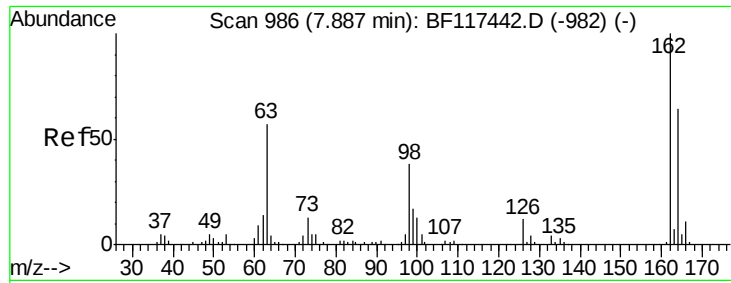
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





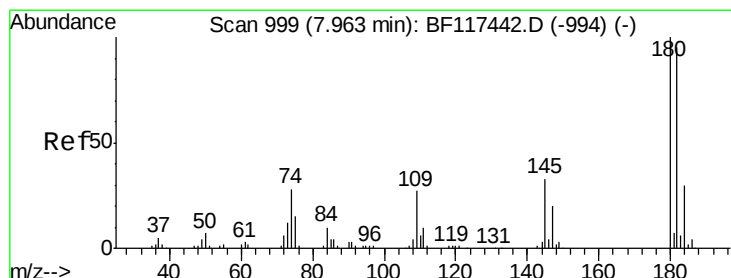
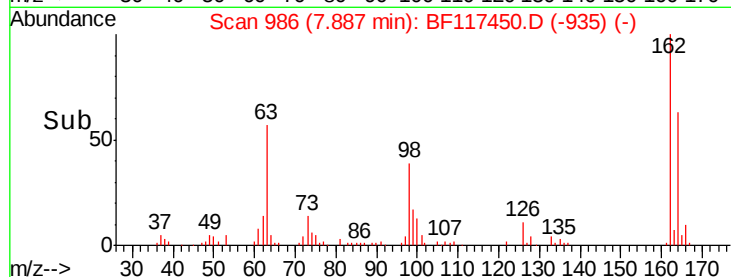
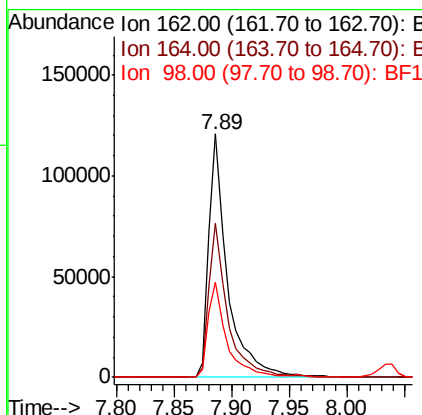
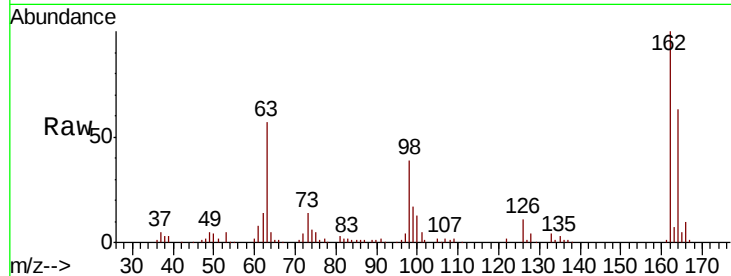
#29
 2,4-Dichlorophenol
 Concen: 41.393 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

Tot Ion:	162	Resp:	136650
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.4	84.4
98	39.3	18.2	58.2

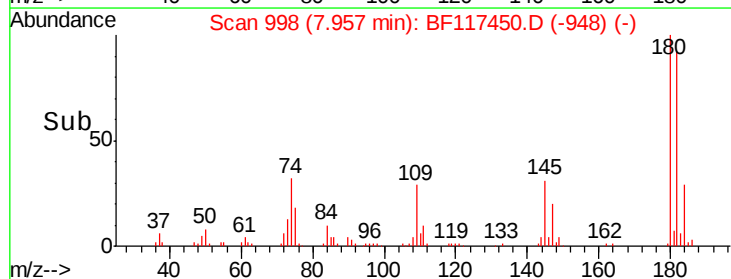
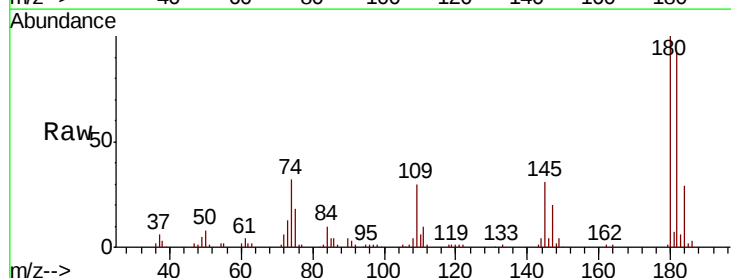
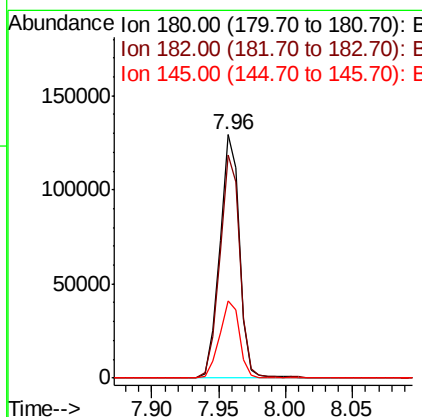
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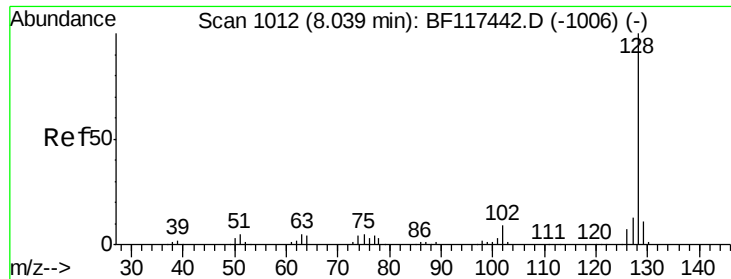
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.160 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion:	180	Resp:	135188
Ion Ratio	Lower	Upper	
180	100		
182	91.8	75.8	113.8
145	31.5	26.5	39.7





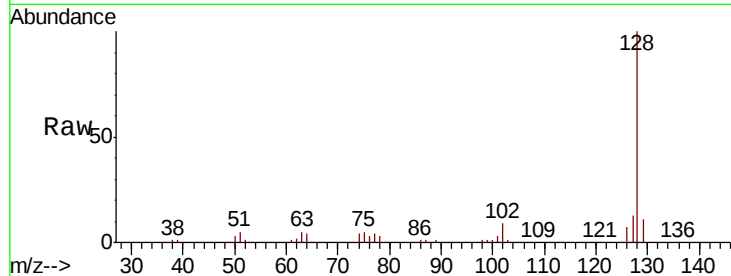
#31
Naphthalene
Concen: 39.602 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.8	10.2	15.2

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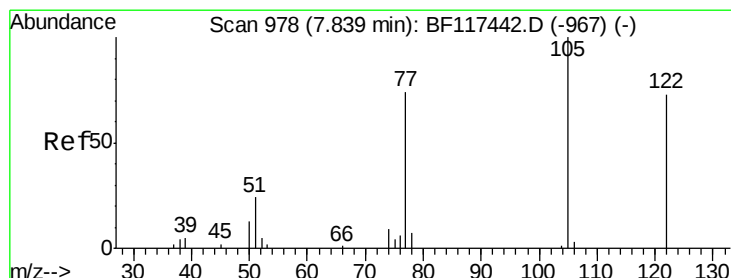
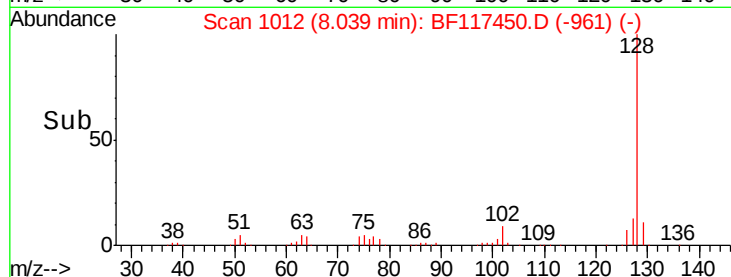
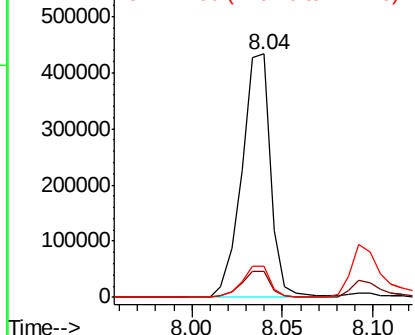


Abundance

Ion 128.00 (127.70 to 128.70): E

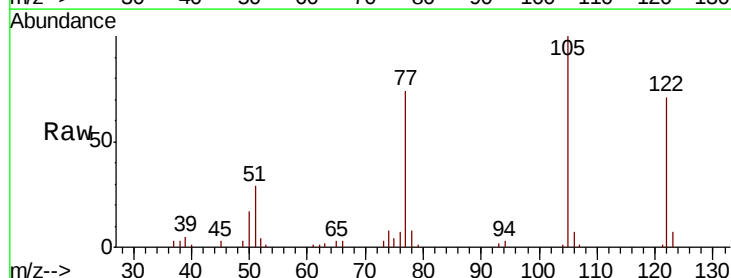
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.881 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.5	115.0	155.0
77	103.9	79.7	119.7

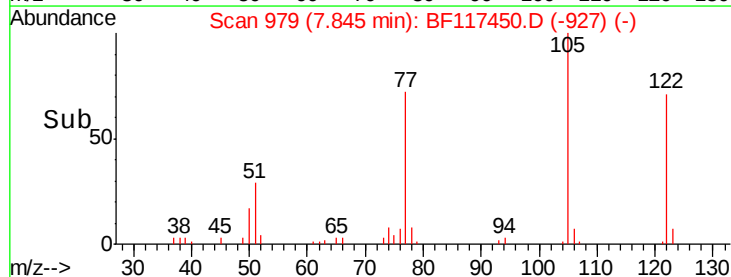
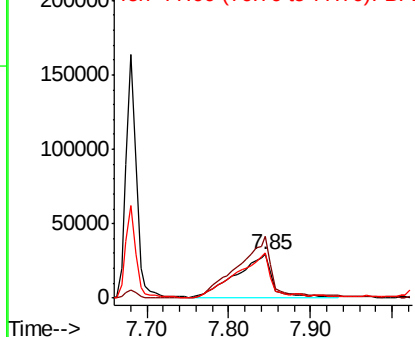


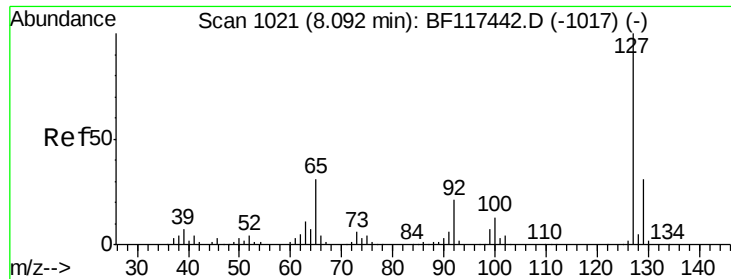
Abundance

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





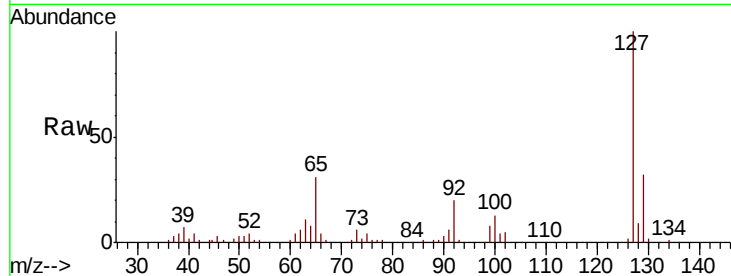
#33
4-Chloroaniline
Concen: 25.346 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	24.8	37.2		
65	30.7	24.6	37.0		
92	19.5	16.5	24.7		

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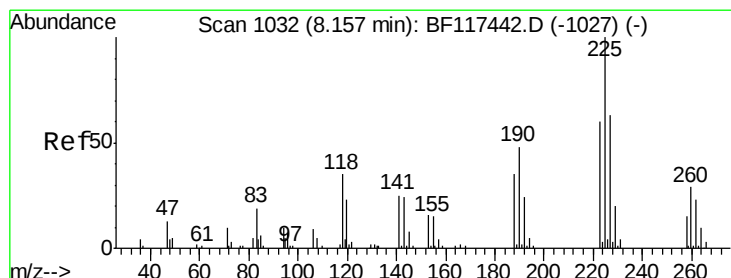
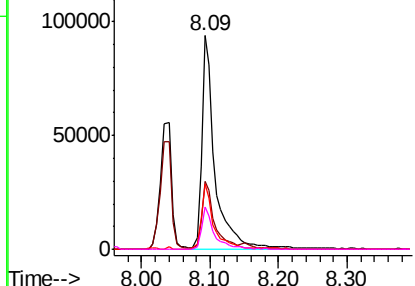
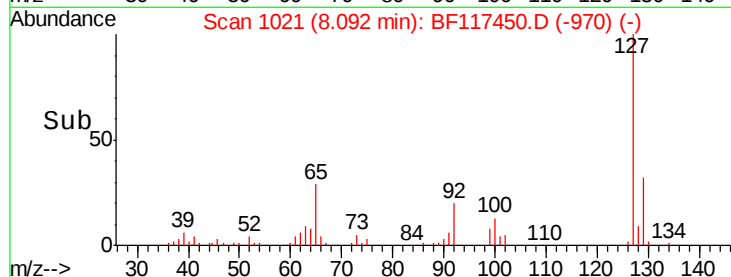
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

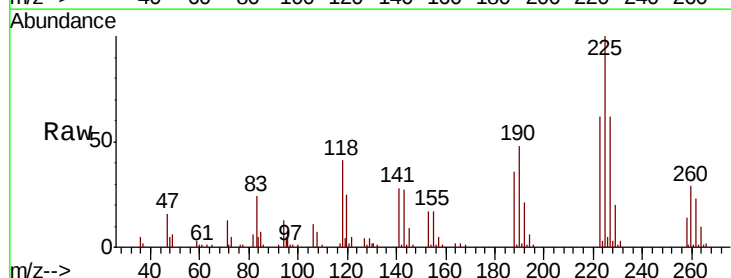
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 35.861 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	48.2	72.4		
227	62.3	50.2	75.4		

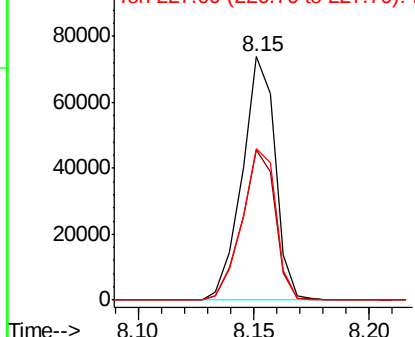
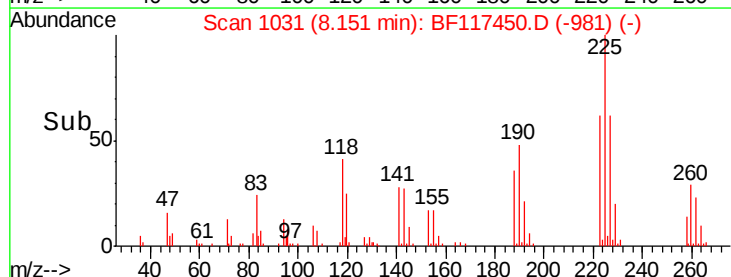


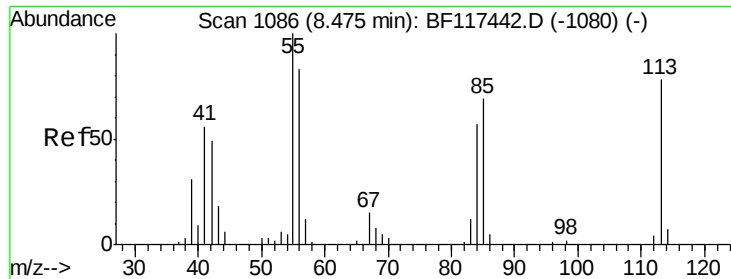
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





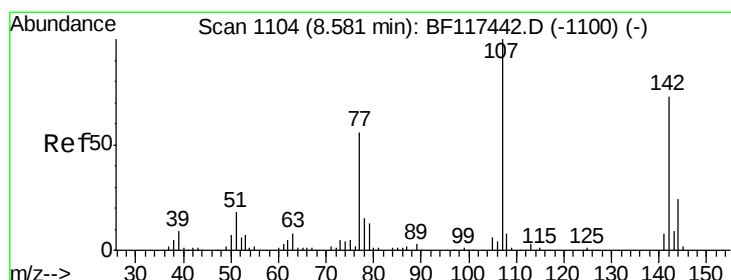
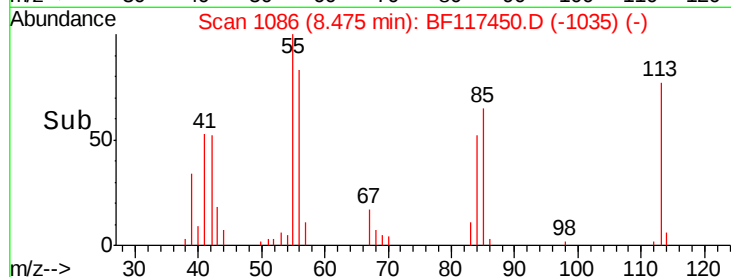
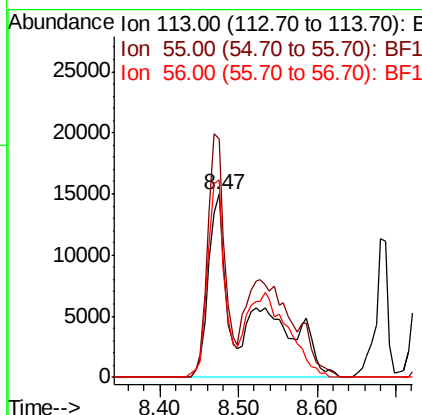
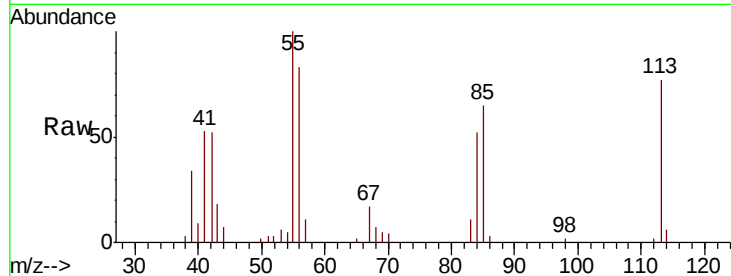
#35
 Caprolactam
 Concen: 45.599 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleID :
 PB124147BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	130.5	108.8	148.8	
56	107.8	87.2	127.2	

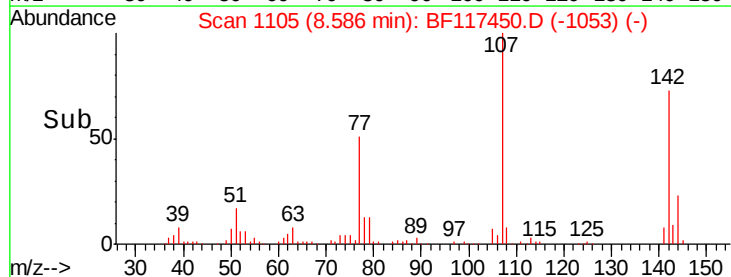
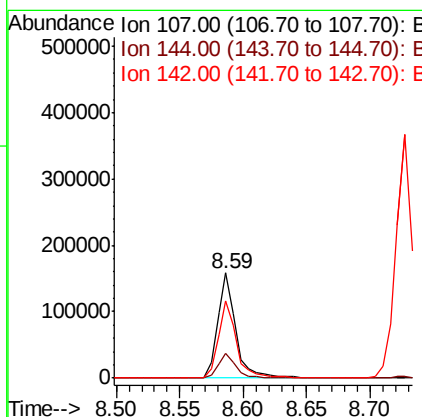
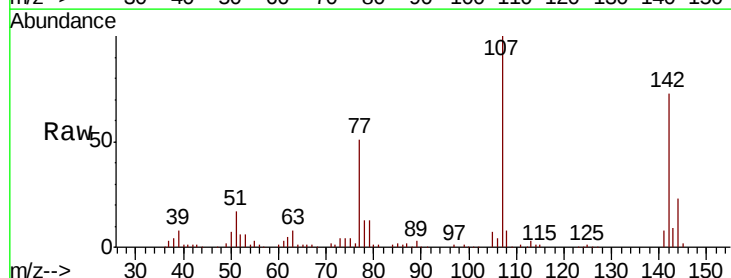
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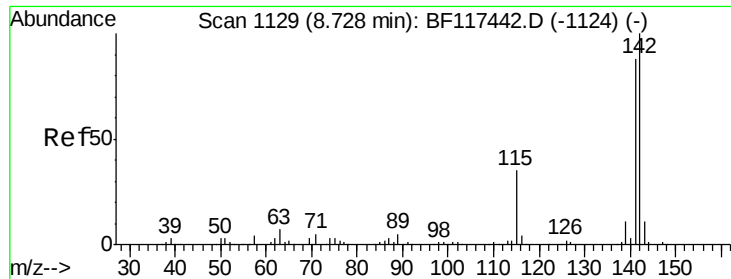
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#36
 4-Chloro-3-methylphenol
 Concen: 42.378 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.4	18.9	28.3	
142	73.2	58.6	88.0	





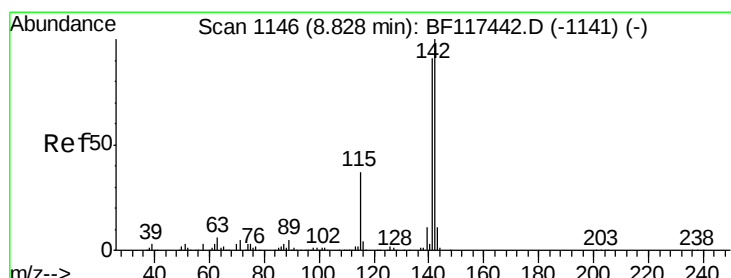
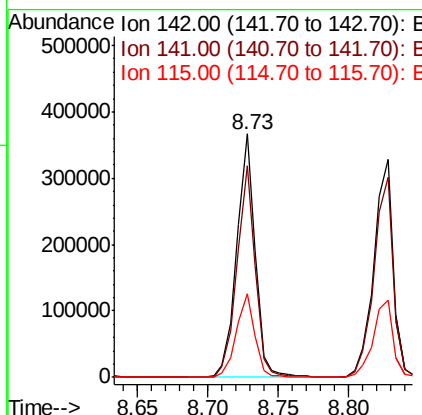
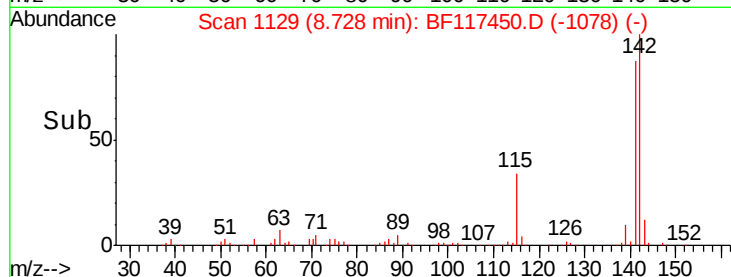
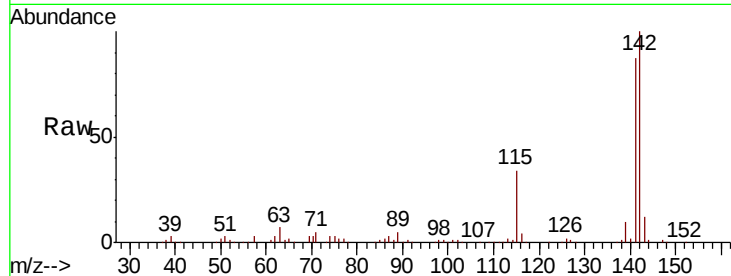
#37
2-Methylnaphthalene
Concen: 41.049 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.3	105.5
115	34.1	28.2	42.2

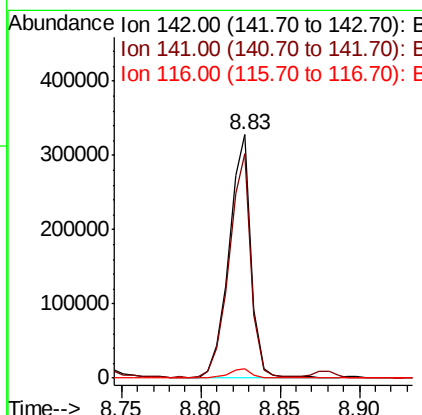
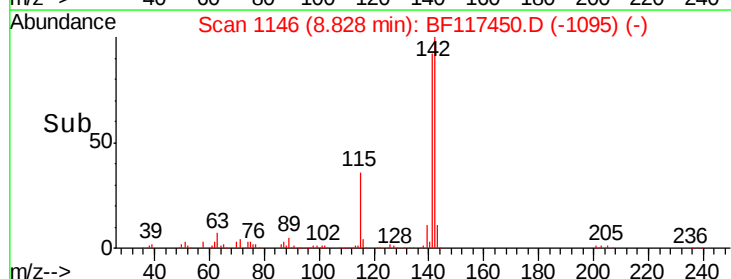
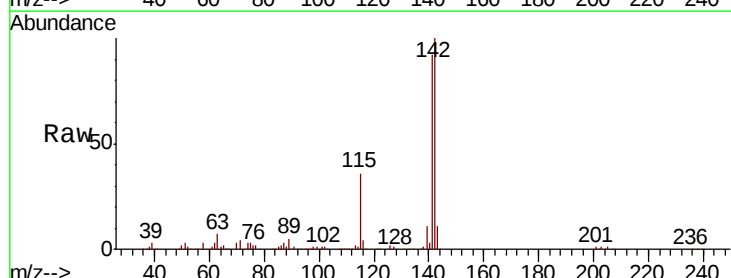
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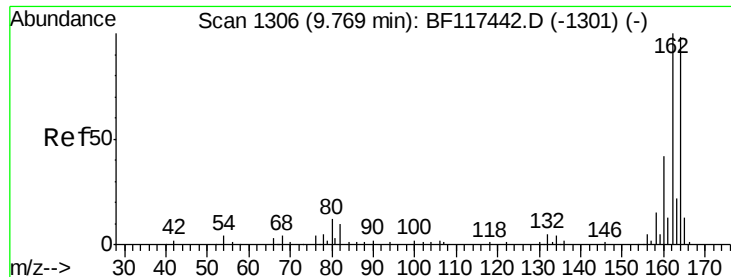
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#38
1-Methylnaphthalene
Concen: 40.782 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.3	109.9
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampleId :

PB124147BS

Tot Ion:164 Resp: 128126

Ion Ratio Lower Upper

164 100

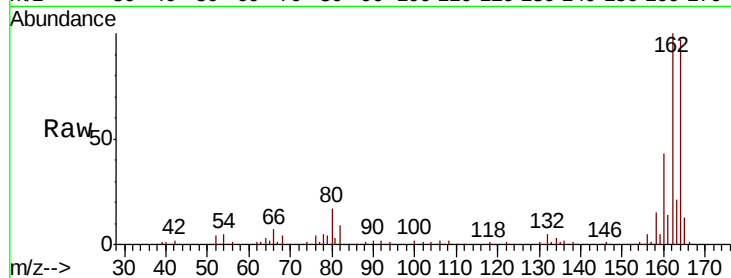
162 103.5 81.8 122.6

160 44.8 34.4 51.6

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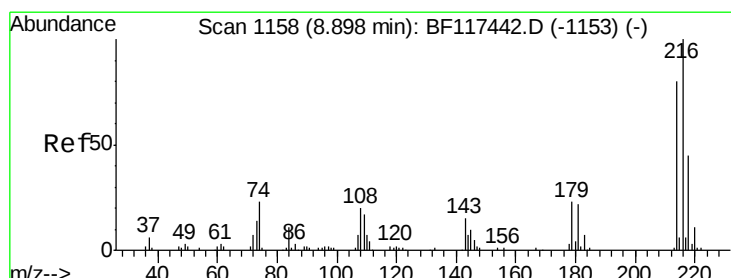
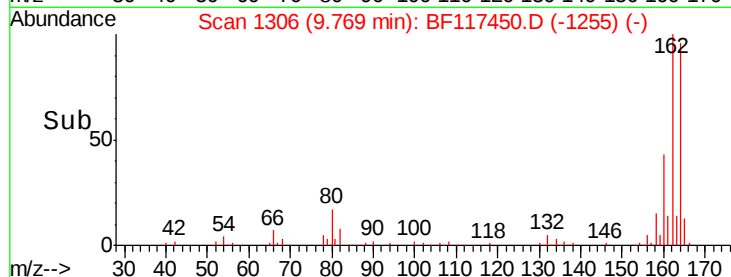
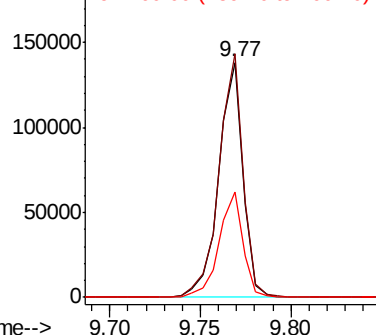


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.715 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:216 Resp: 126700

Ion Ratio Lower Upper

216 100

214 78.9 62.4 93.6

179 23.5 18.1 27.1

108 22.4 16.6 24.8

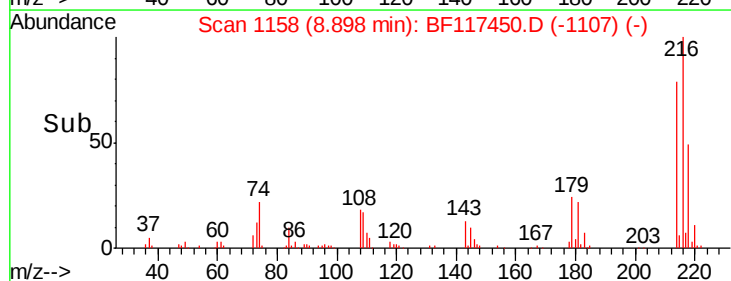
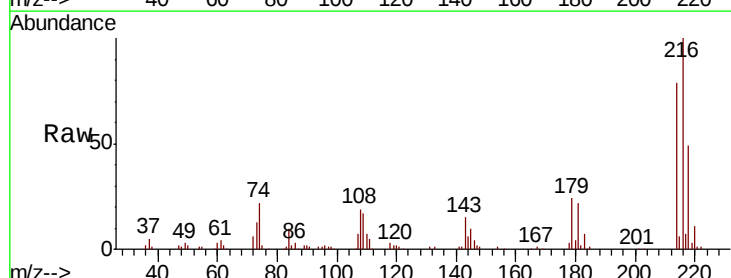
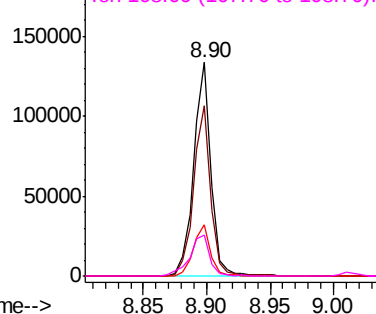
Abundance

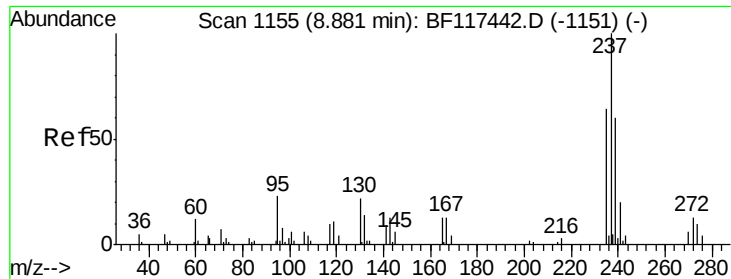
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





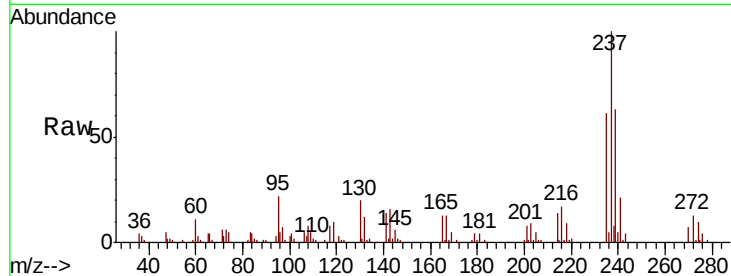
#41
Hexachlorocyclopentadiene
Concen: 67.213 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

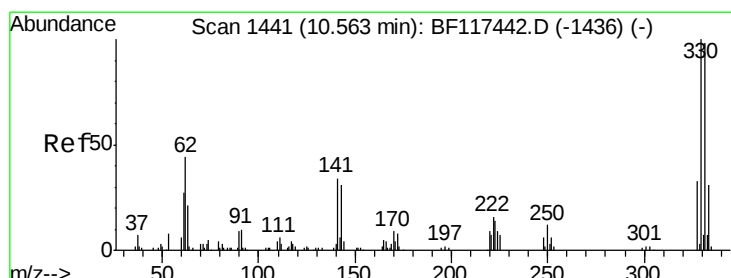
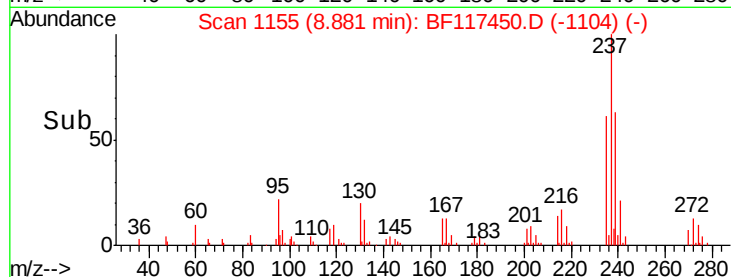
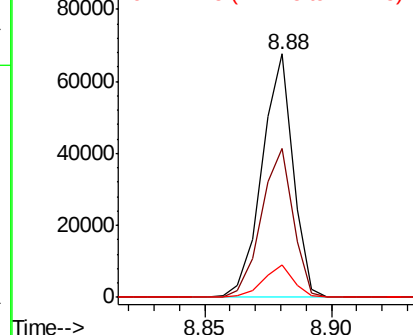
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.0	44.3	84.3
272	13.1	0.0	33.2

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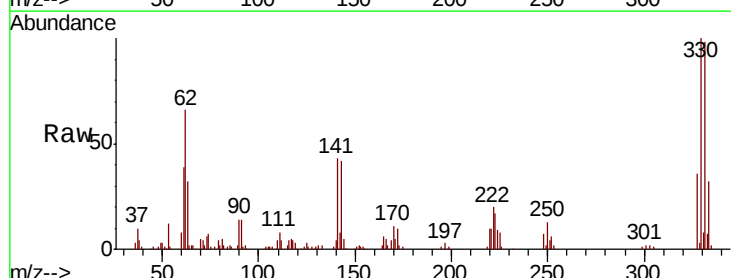


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

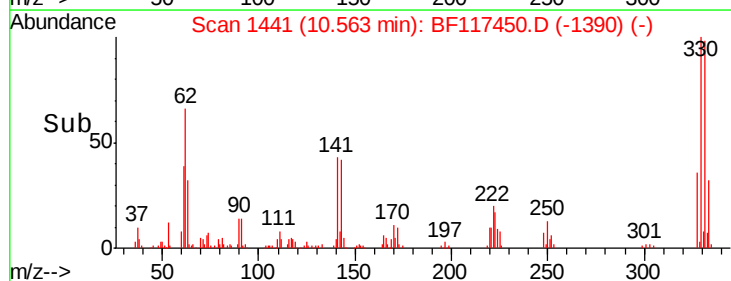
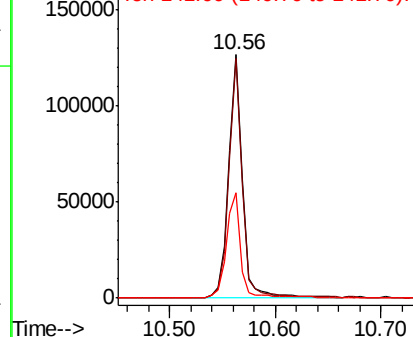


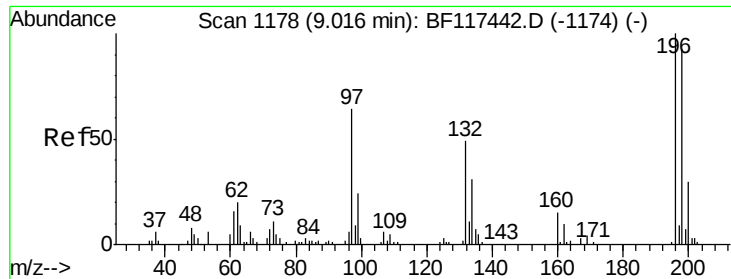
#42
2,4,6-Tribromophenol
Concen: 105.758 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.5	117.7
141	44.5	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





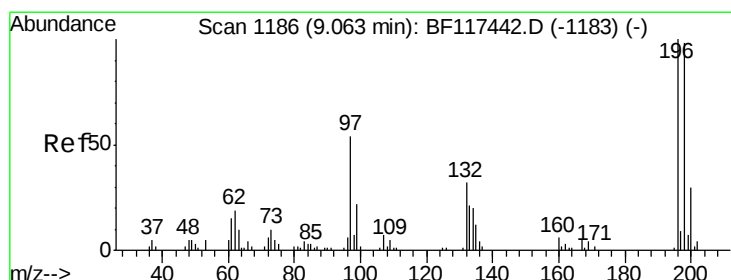
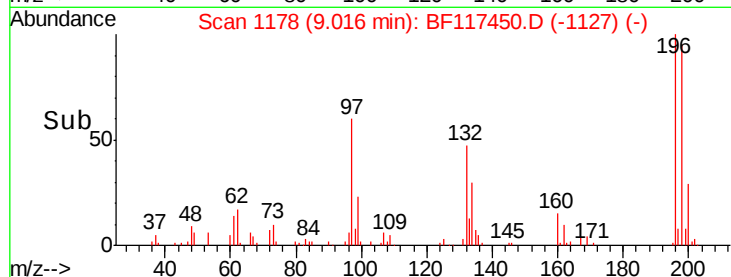
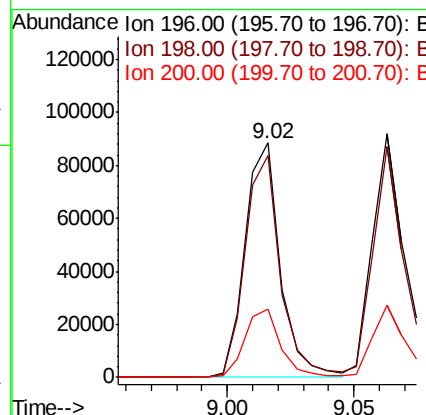
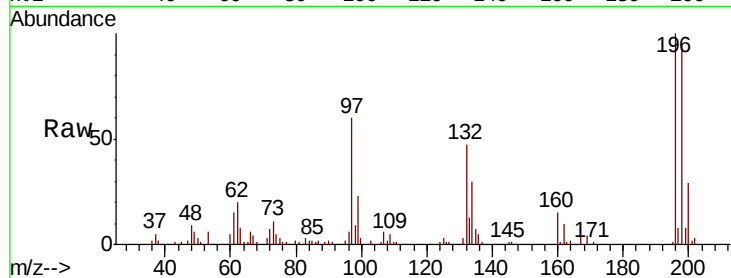
#43
 2,4,6-Trichlorophenol
 Concen: 39.672 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	85733		
198	94.6	74.1	111.1	
200	29.1	23.9	35.9	

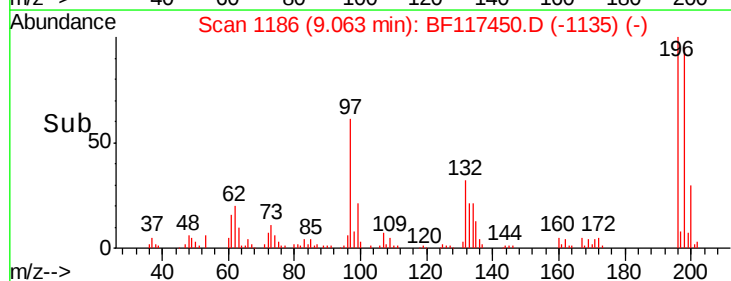
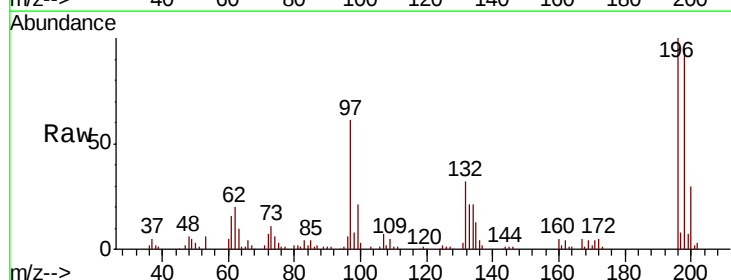
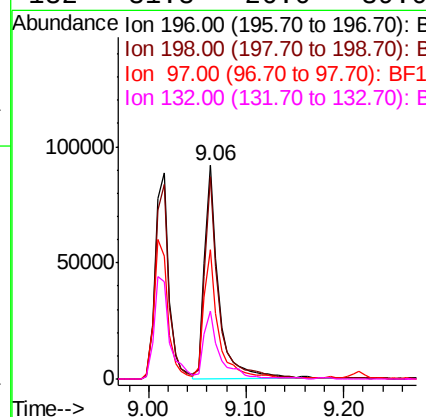
Manual Integrations
 APPROVED

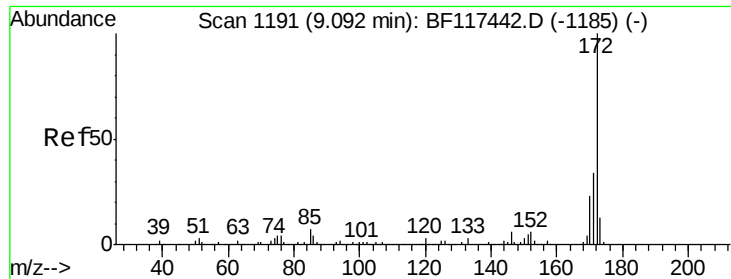
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.816 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	93762		
198	94.6	78.6	117.8	
97	60.6	43.4	65.2	
132	31.8	26.0	39.0	





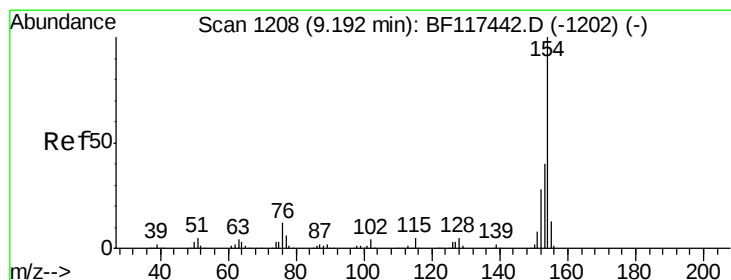
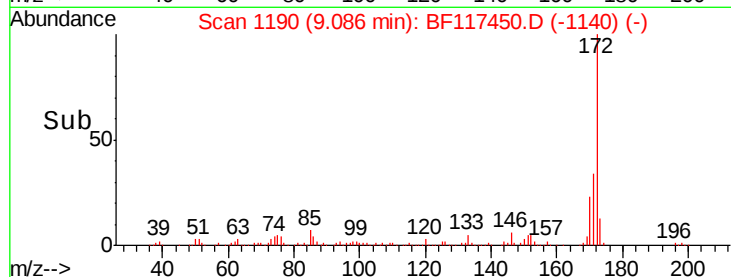
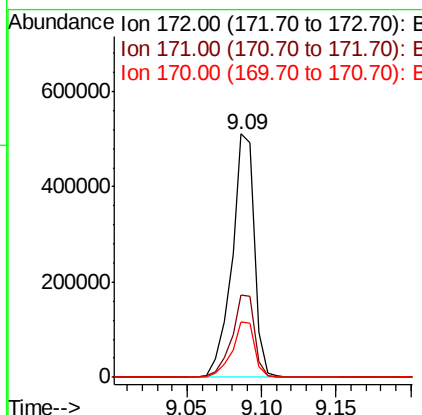
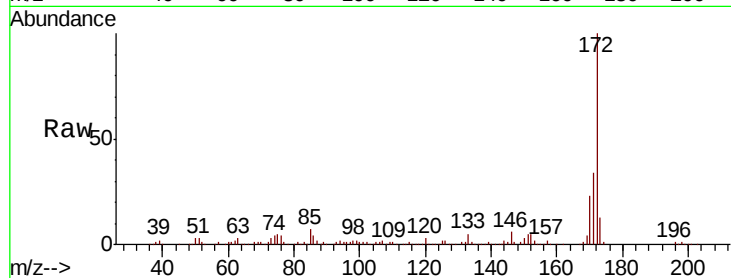
#45
2-Fluorobiphenyl
Concen: 59.658 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	542501		
171	34.0		27.5	41.3
170	22.6		18.6	27.8

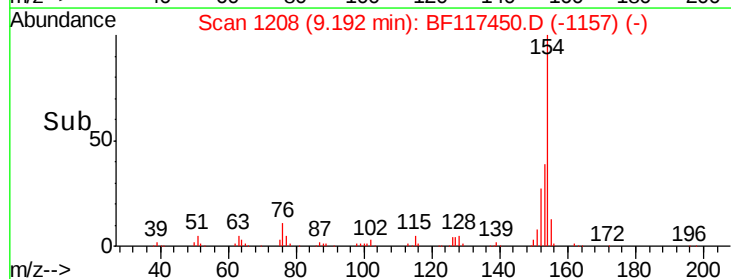
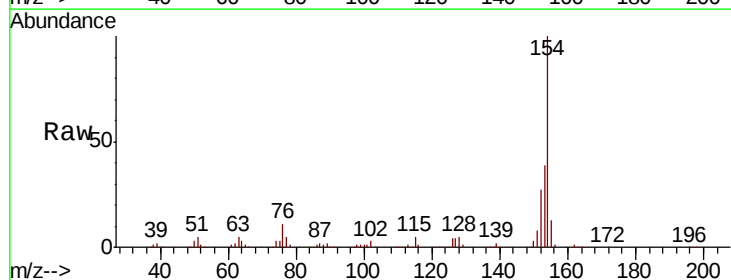
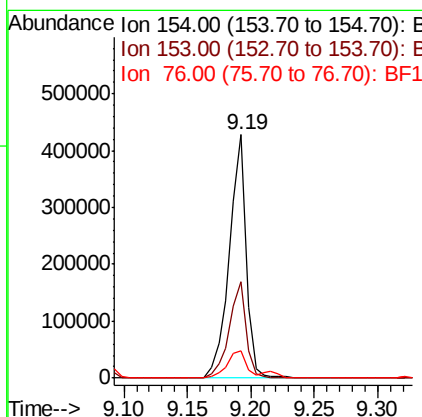
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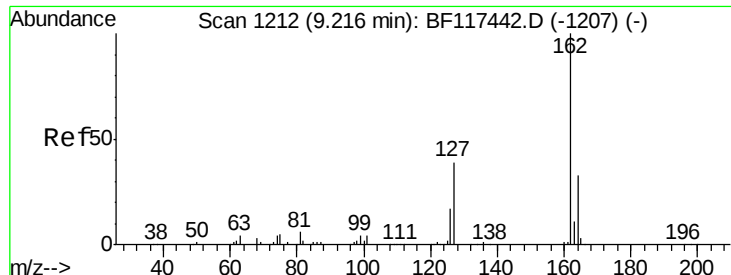
mohammad
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#46
1,1'-Biphenyl
Concen: 37.100 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	393522		
153	39.4		20.2	60.2
76	11.5		0.0	32.1





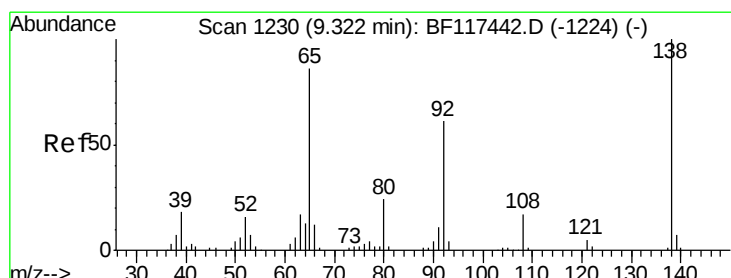
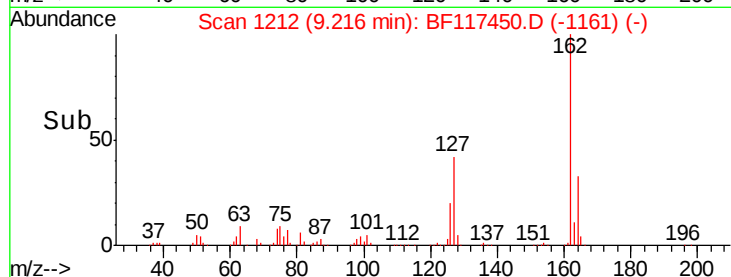
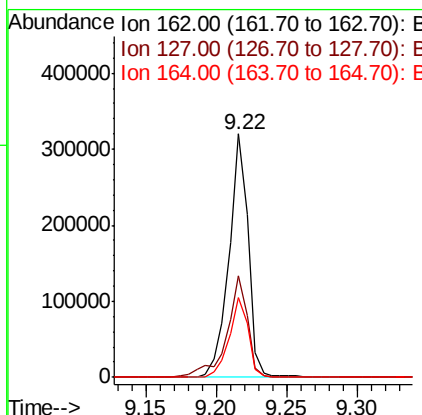
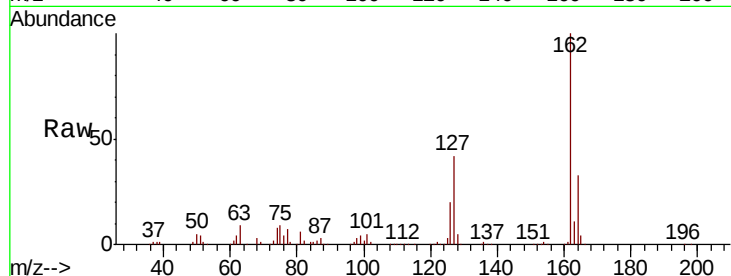
#47
2-Chloronaphthalene
Concen: 38.026 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.8	34.2	51.4	
164	32.8	26.4	39.6	

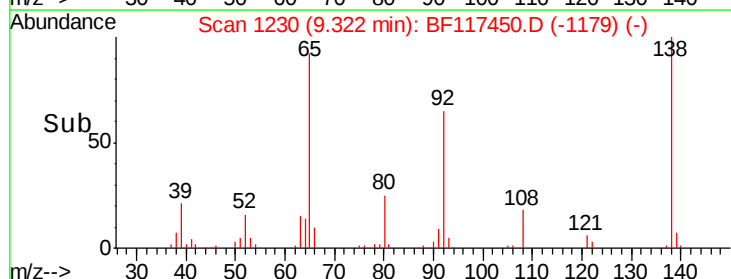
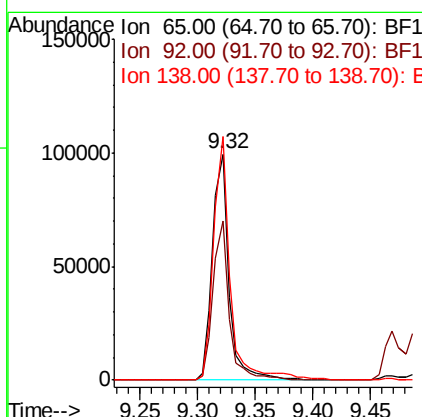
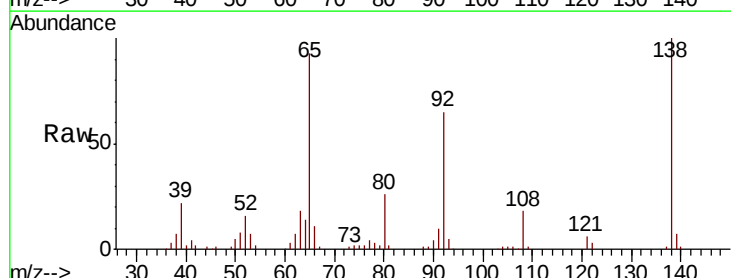
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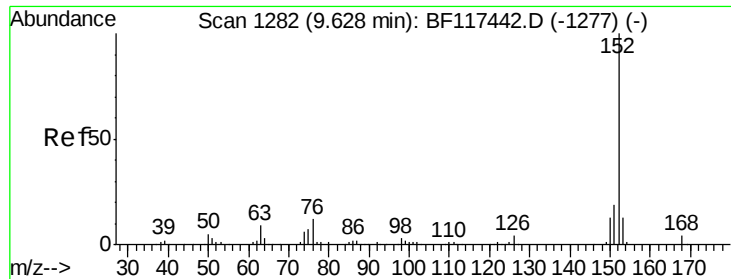
mohammad
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#48
2-Nitroaniline
Concen: 38.318 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.4	57.3	85.9	
138	107.6	93.3	139.9	





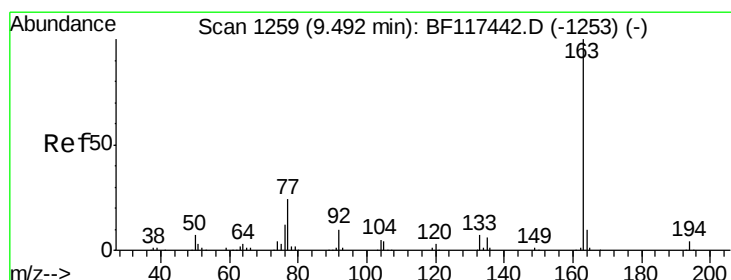
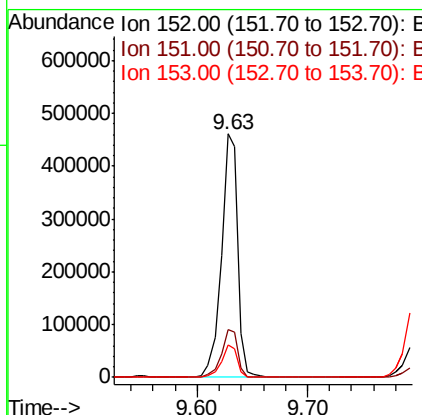
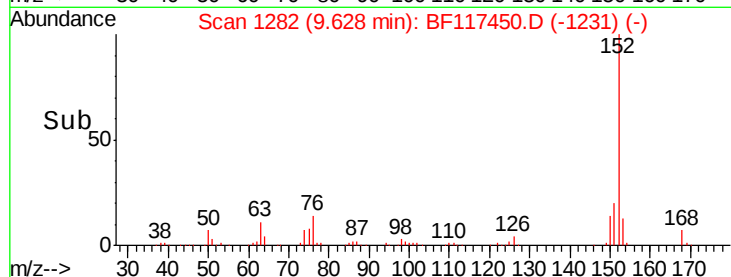
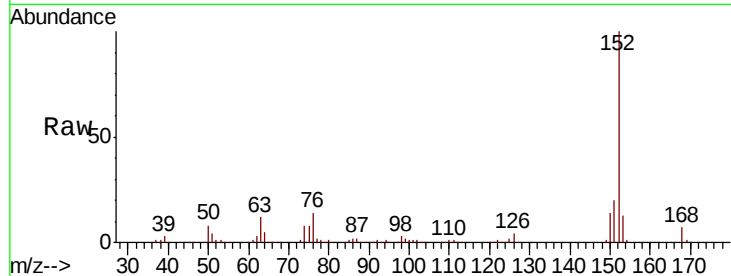
#49
Acenaphthylene
Concen: 40.343 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		473911		
151	19.6	15.4	23.0		
153	13.2	10.3	15.5		

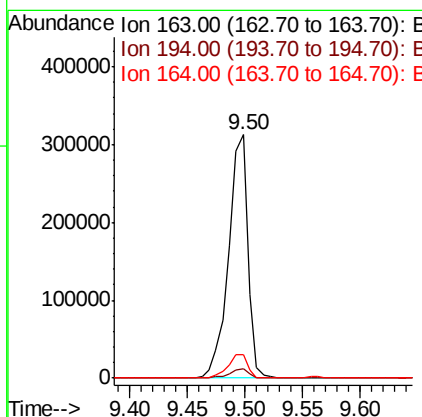
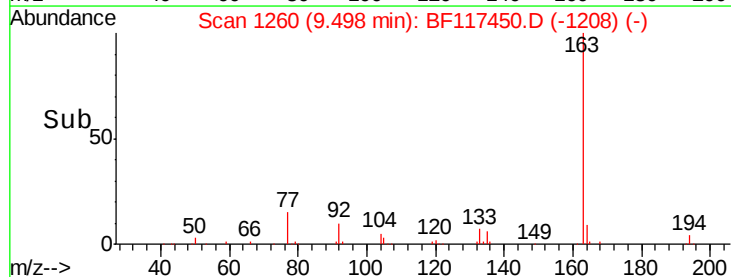
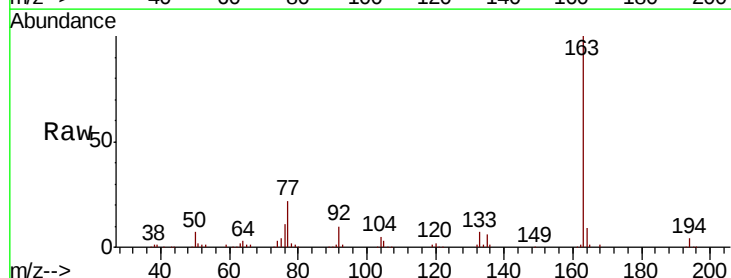
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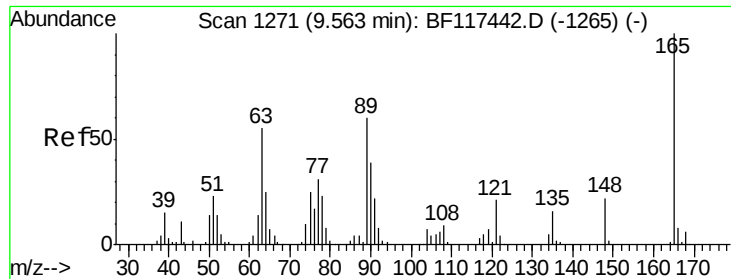
mohammad
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#50
Dimethylphthalate
Concen: 39.696 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		362584		
194	4.1	2.9	4.3		
164	9.4	8.2	12.2		





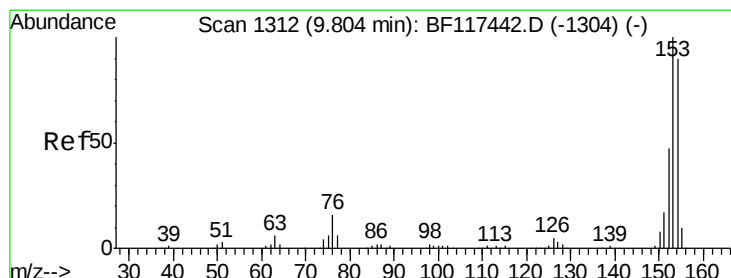
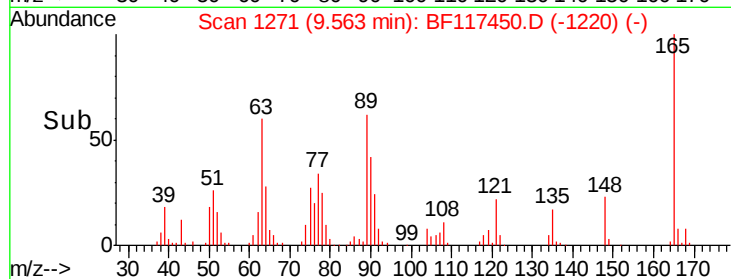
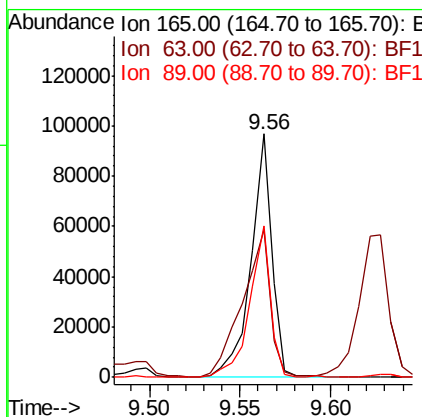
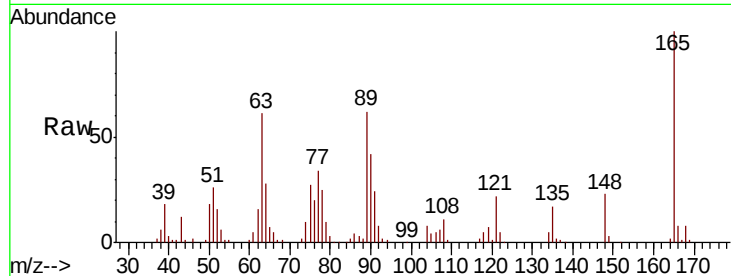
#51
2,6-Dinitrotoluene
Concen: 40.875 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.8	43.8	65.8
89	62.4	47.6	71.4

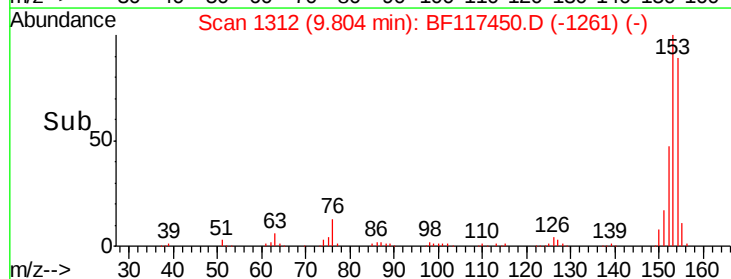
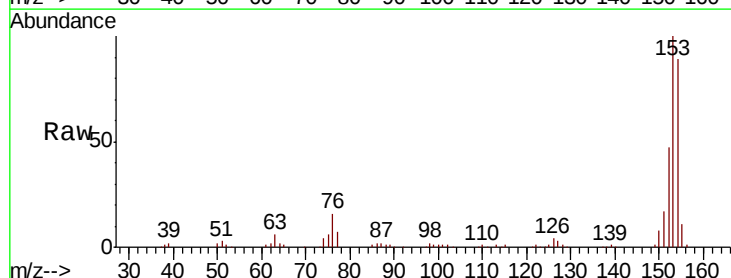
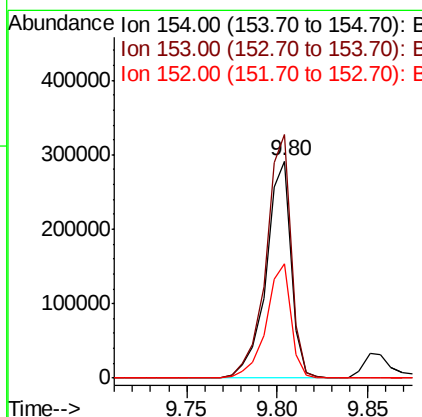
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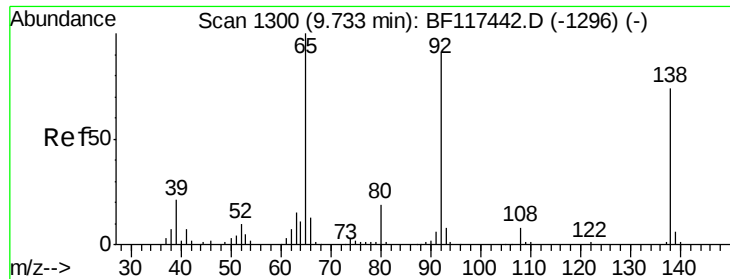
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#52
Acenaphthene
Concen: 38.830 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.2	133.8
152	52.6	41.8	62.6





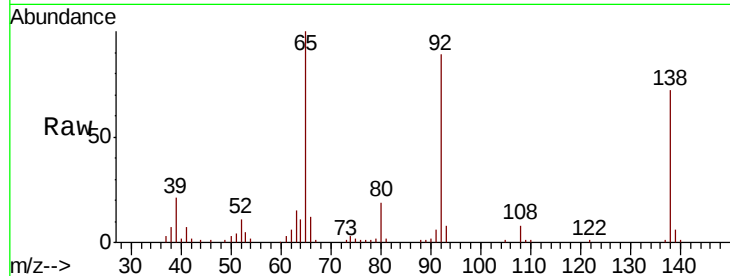
#53
3-Nitroaniline
Concen: 26.427 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

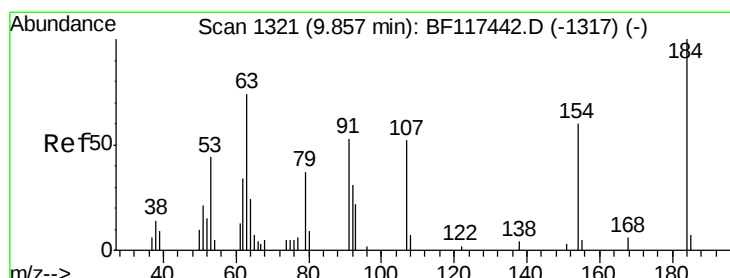
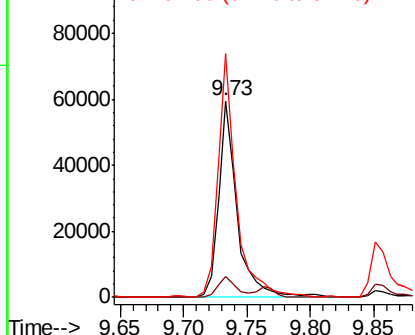
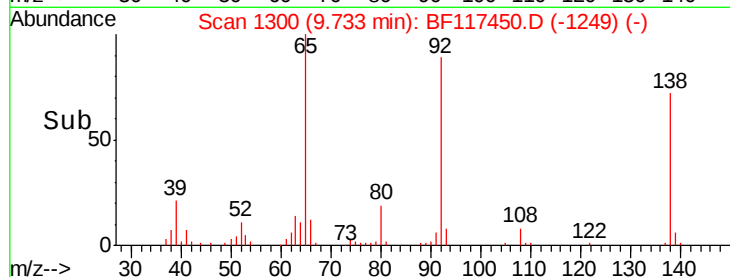
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	124.1	98.4	147.6

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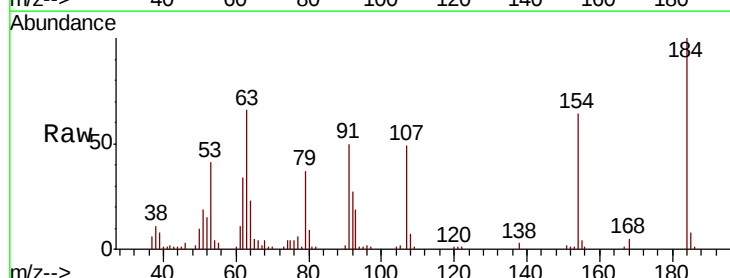


Abundance Ion 138.00 (137.70 to 138.70): E
100000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

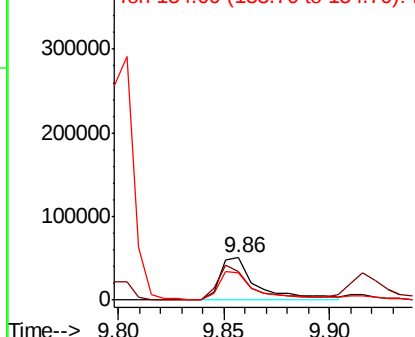
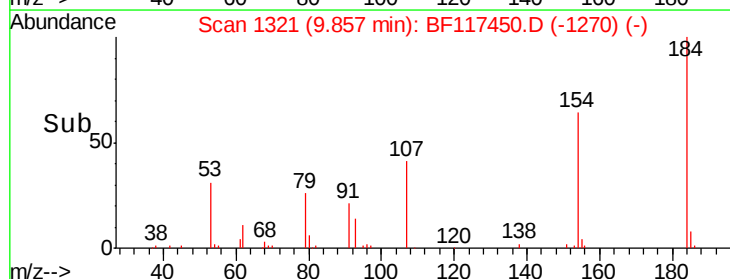


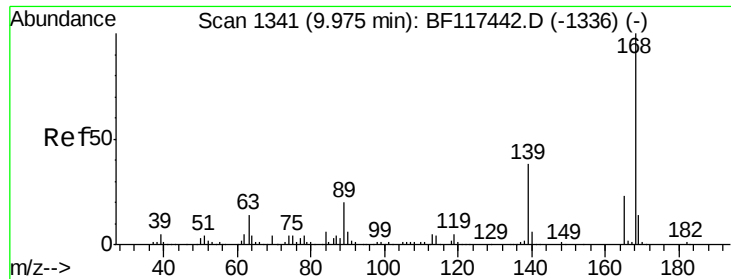
#54
2,4-Dinitrophenol
Concen: 79.492 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.4	59.2	88.8
154	64.0	53.4	80.0



Abundance Ion 184.00 (183.70 to 184.70): E
400000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





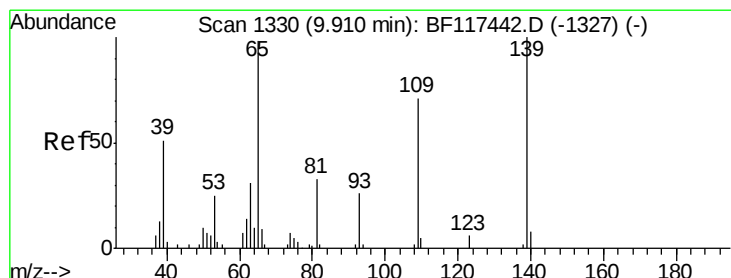
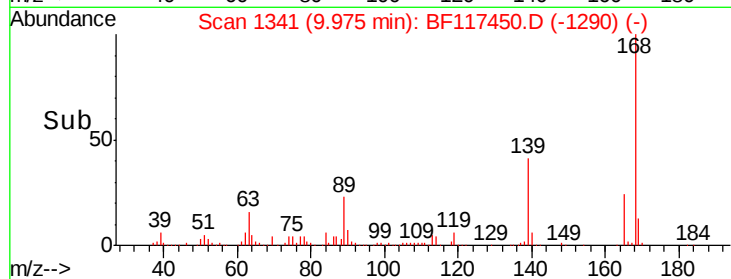
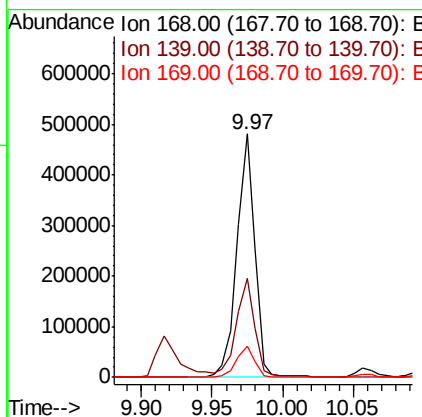
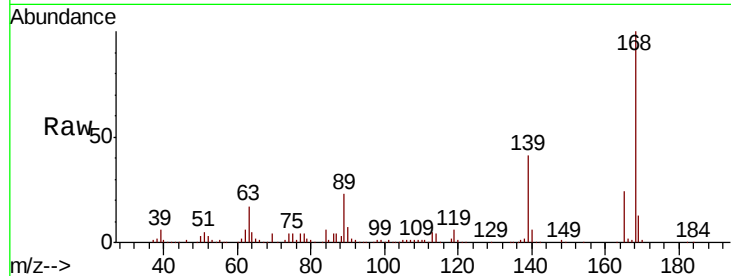
#55
Dibenzofuran
Concen: 40.753 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.8	47.6
169	12.9	11.2	16.8

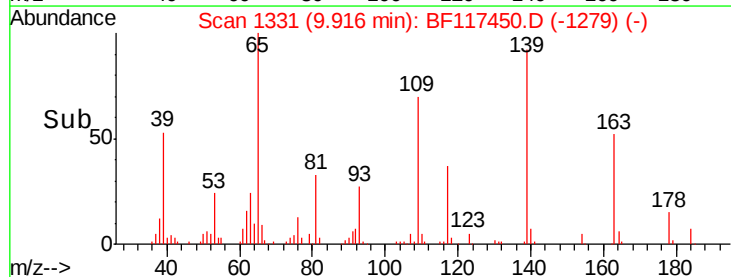
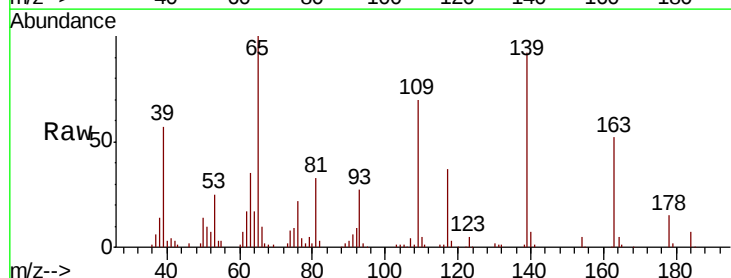
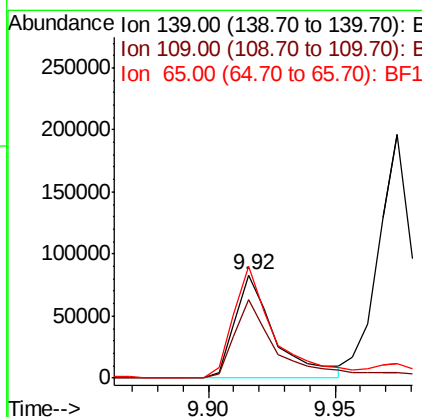
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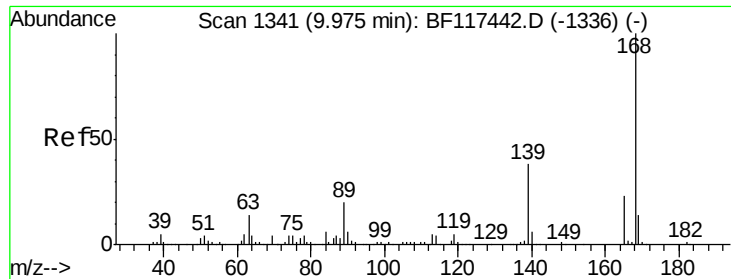
mohammad
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#56
4-Nitrophenol
Concen: 85.843 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.1	51.4	91.4
65	109.0	79.4	119.4





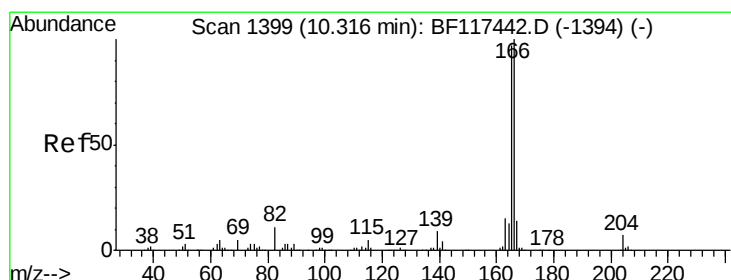
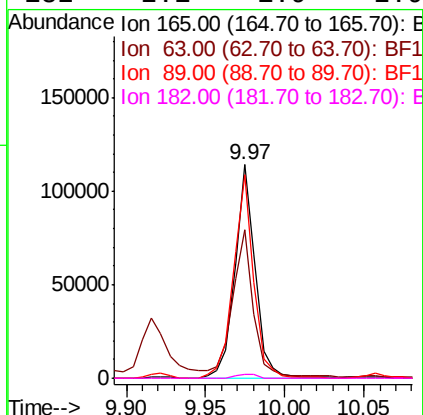
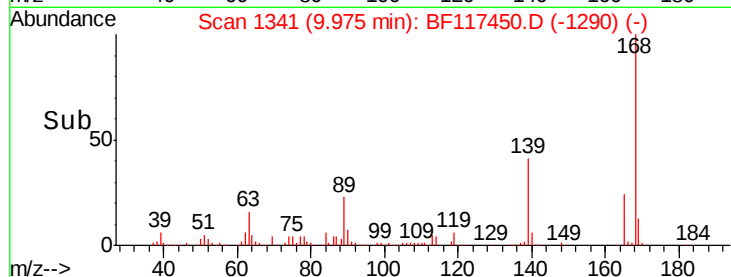
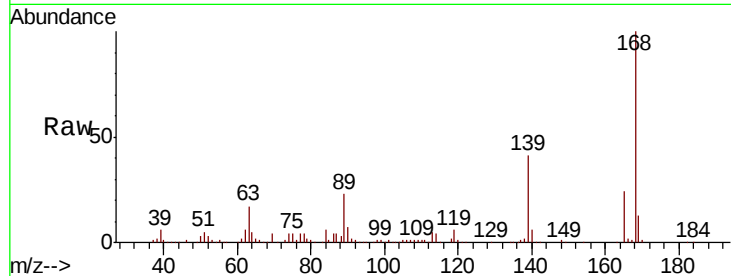
#57
2,4-Dinitrotoluene
Concen: 40.058 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	101512		
63	69.6	51.4	77.0	
89	95.1	69.9	104.9	
182	2.1	1.9	2.9	

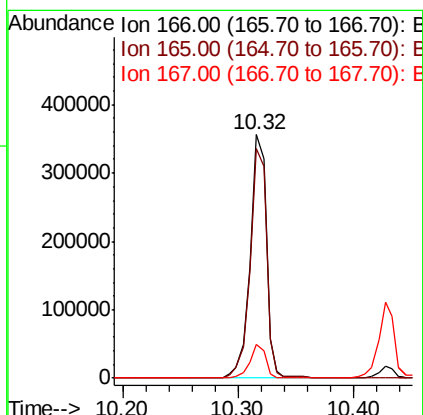
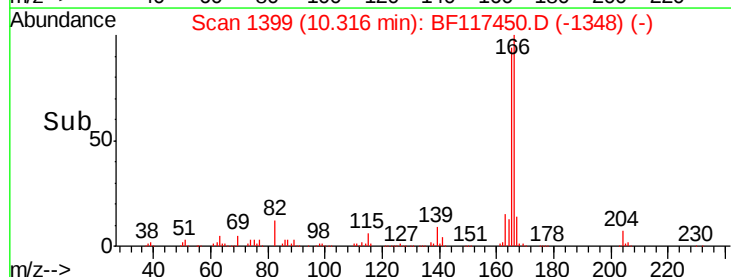
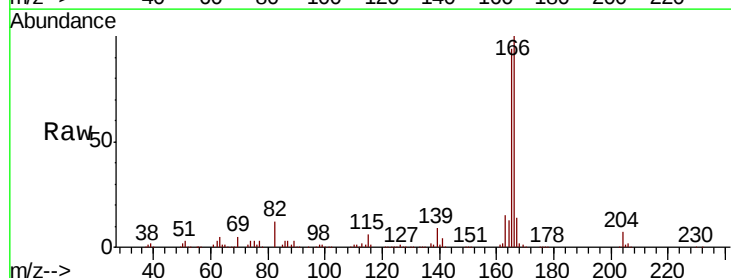
Manual Integrations
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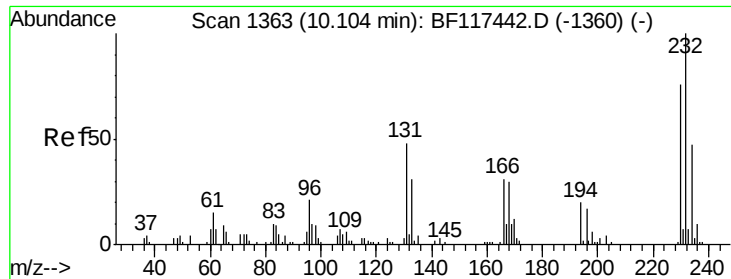
mohammad
10/22/2019 3:29:11 PM



#58
Fluorene
Concen: 40.468 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	349436		
165	94.1	77.6	116.4	
167	14.0	11.0	16.4	





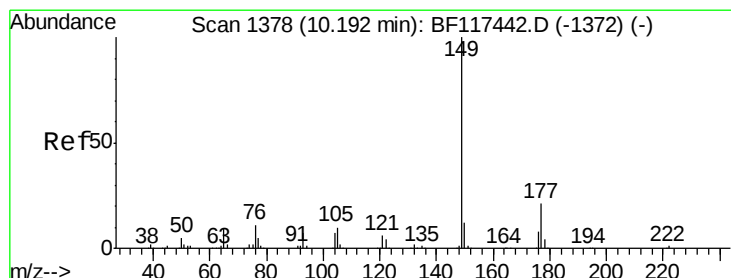
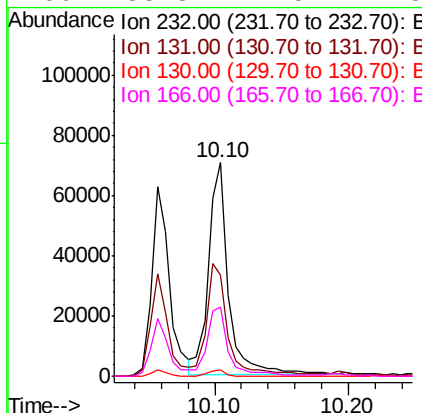
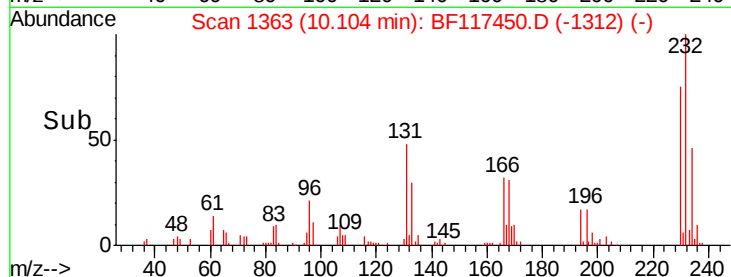
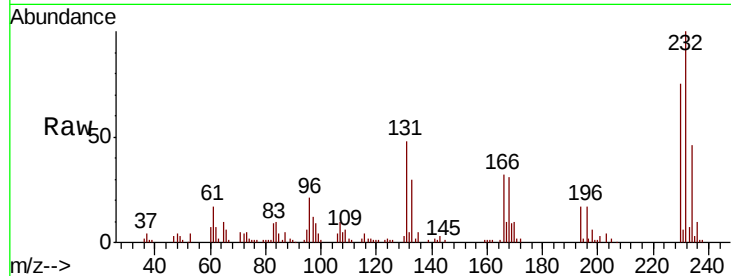
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.121 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.2	42.6	63.8
130	2.4	2.2	3.4
166	33.3	27.5	41.3

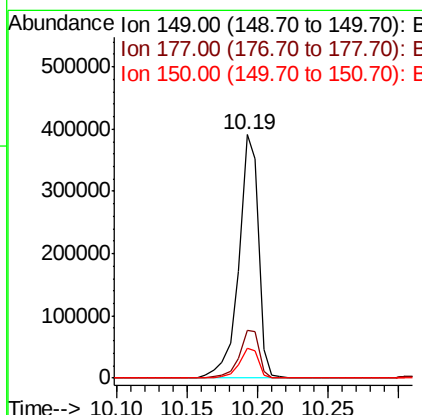
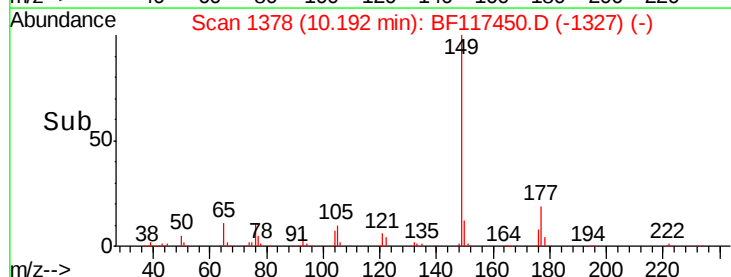
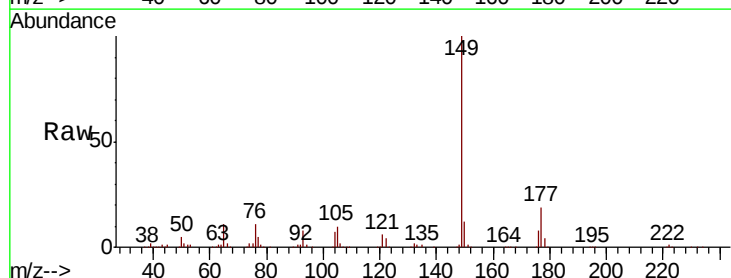
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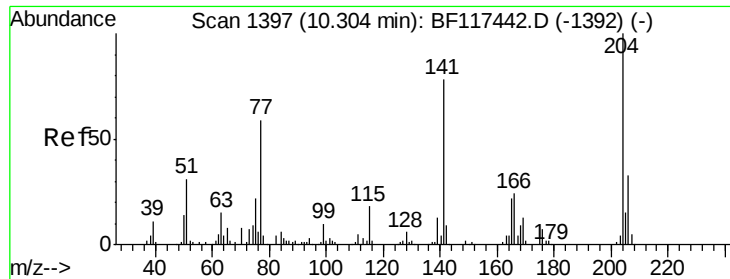
mohammad
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#60
Diethylphthalate
Concen: 40.818 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.5	17.0	25.4
150	12.4	9.8	14.6





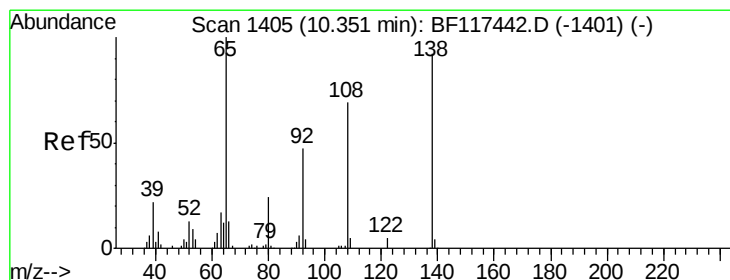
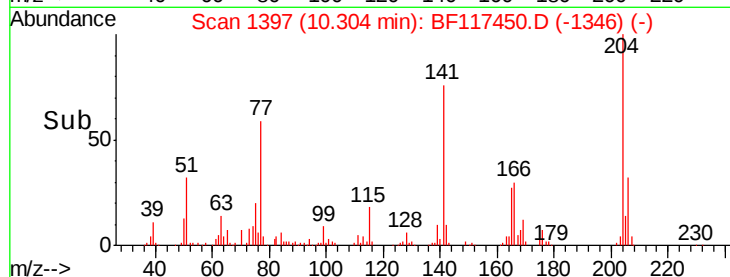
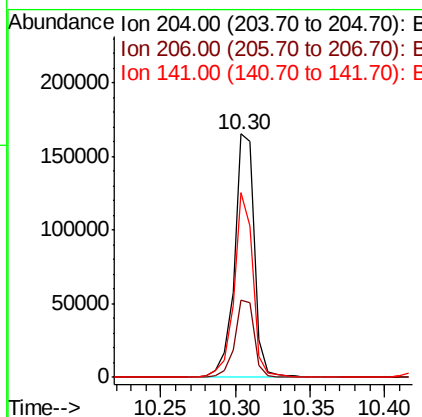
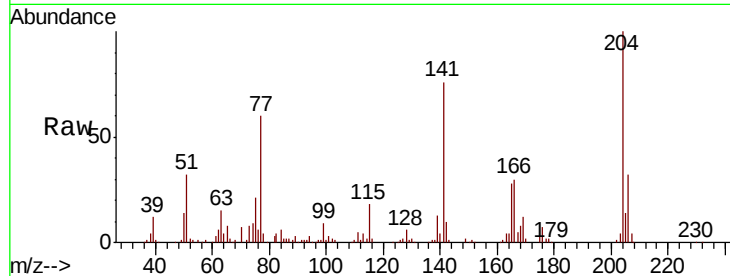
#61
4-Chlorophenyl-phenylether
Concen: 40.198 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.3	39.5
141	75.7	62.2	93.4

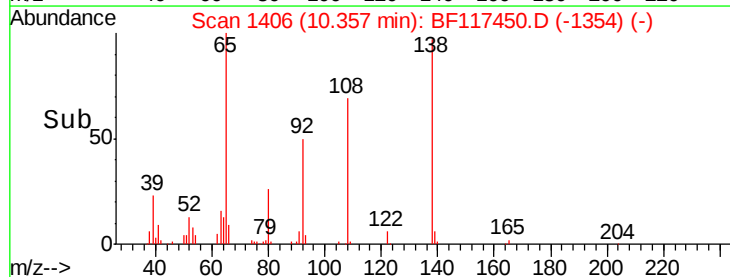
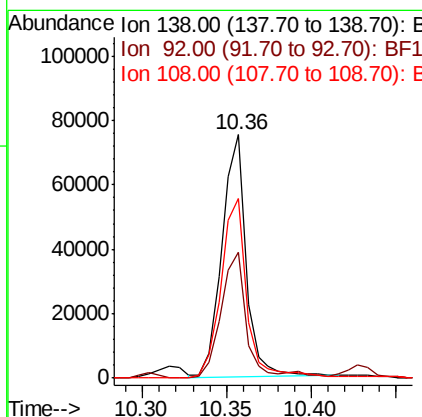
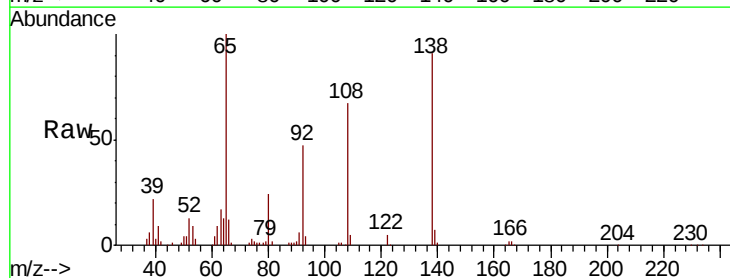
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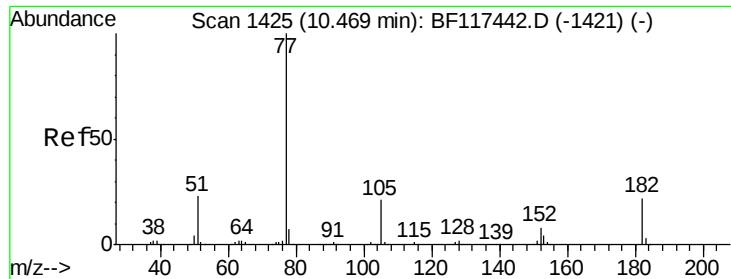
mohammad
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#62
4-Nitroaniline
Concen: 34.517 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	30.3	70.3
108	73.5	54.9	94.9





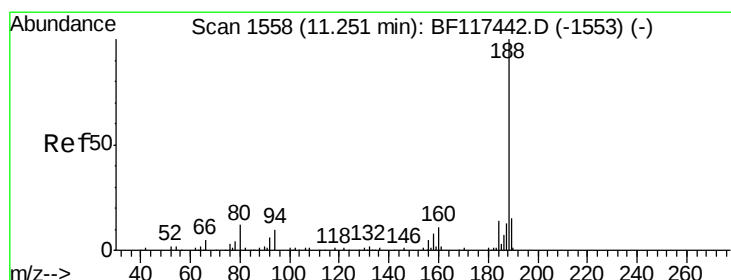
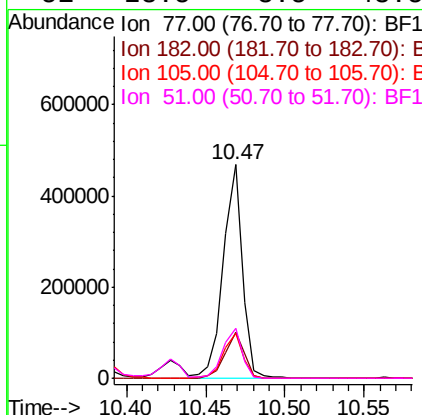
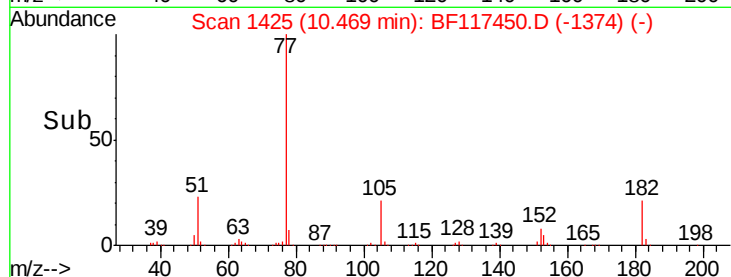
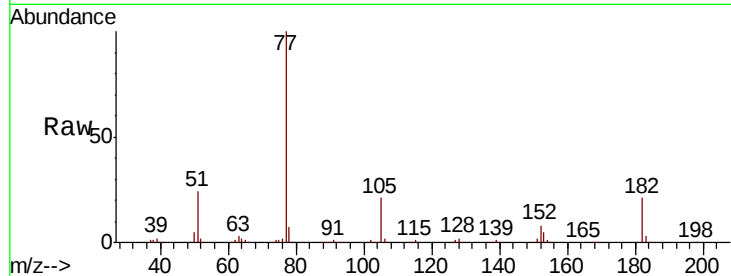
#63
Azobenzene
Concen: 41.347 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		391042		
182	21.5	2.3	42.3		
105	21.1	1.3	41.3		
51	23.5	3.5	43.5		

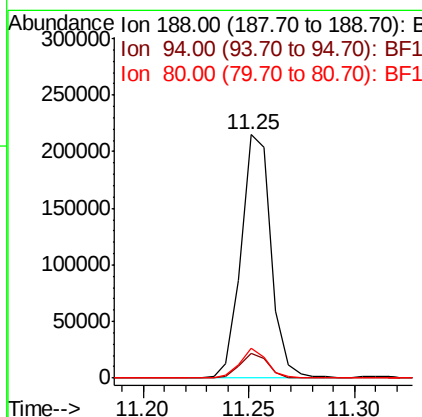
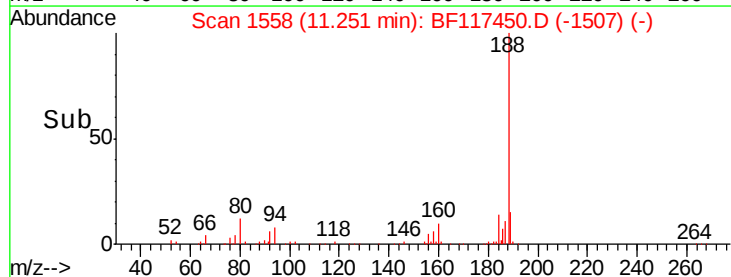
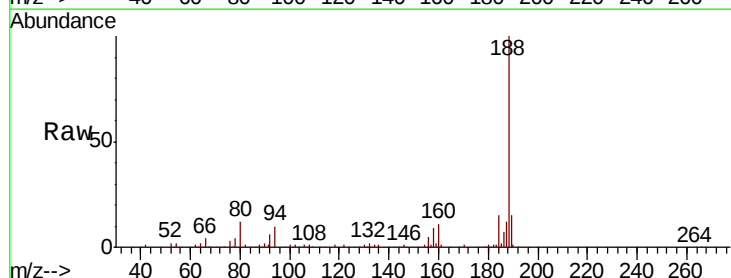
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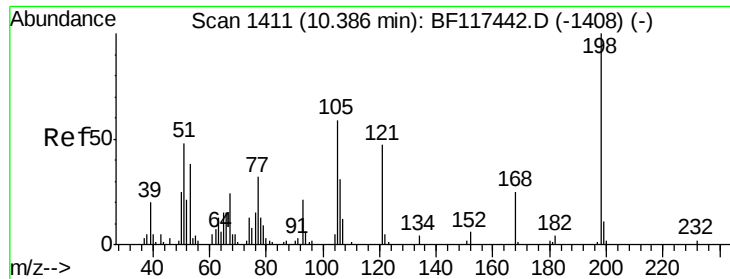
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		210430		
94	10.4	8.0	12.0		
80	12.4	9.5	14.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 43.808 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

ClientSampled :

PB124147BS

Tot Ion:198 Resp: 46869

Ion Ratio Lower Upper

198 100

51 45.2 29.1 69.1

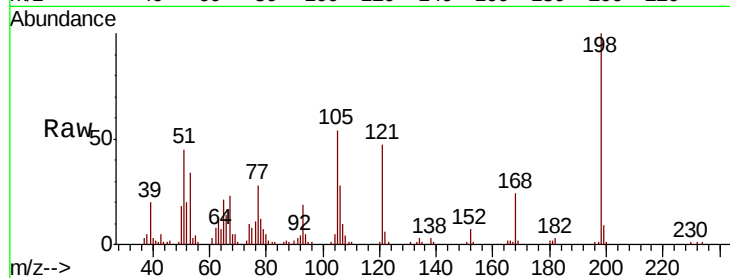
105 54.1 39.4 79.4

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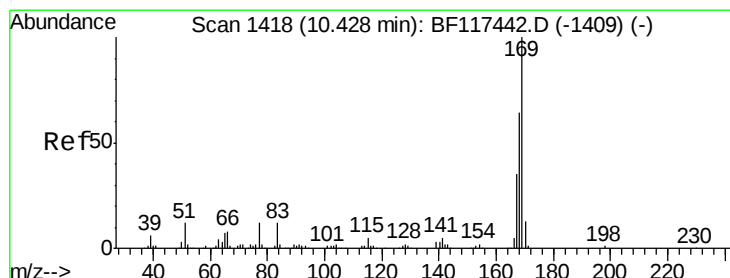
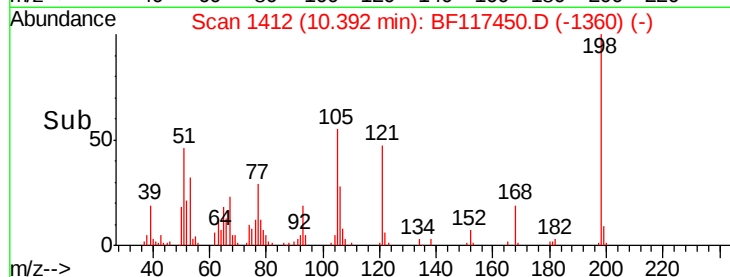
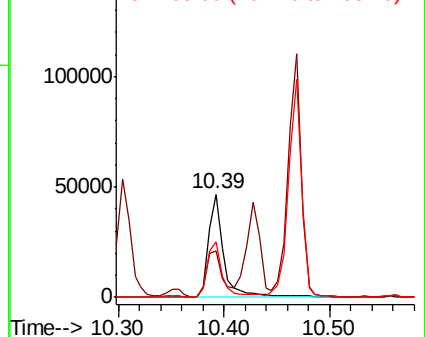
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.419 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

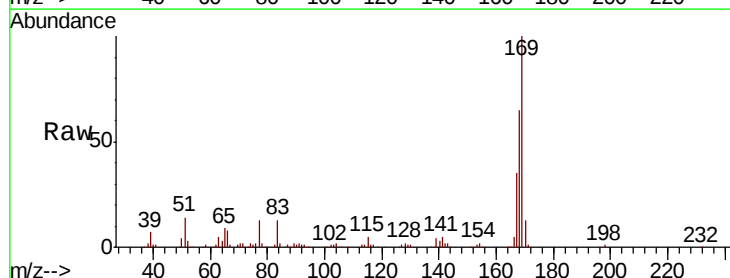
Tgt Ion:169 Resp: 303244

Ion Ratio Lower Upper

169 100

168 64.7 51.3 76.9

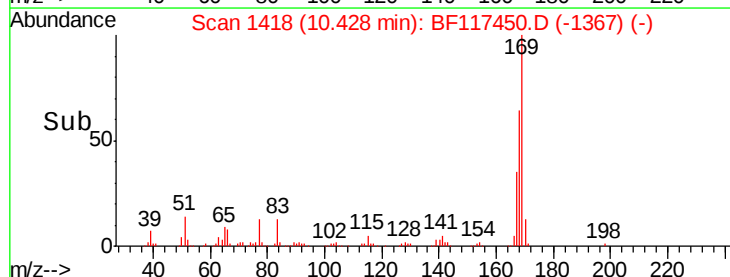
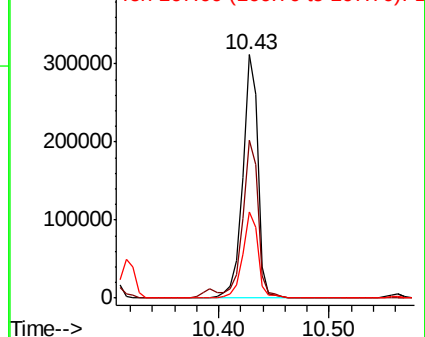
167 35.4 28.2 42.4

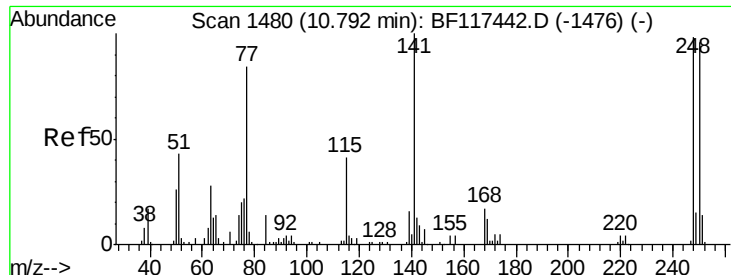


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.246 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

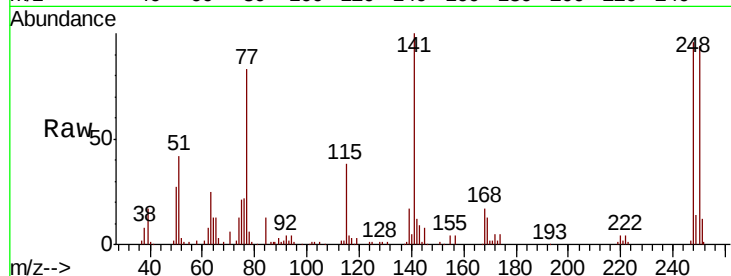
ClientSampleId :

PB124147BS

Tot Ion:	248	Resp:	86688
Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.0	117.0
141	104.7	81.7	122.5

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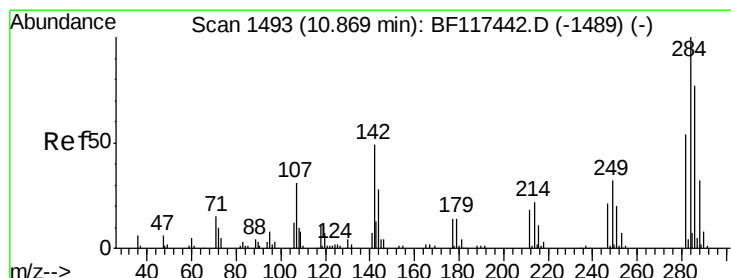
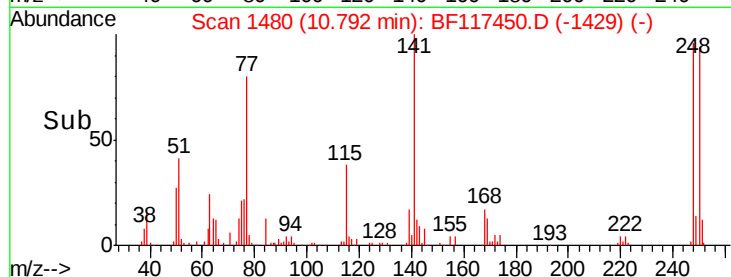
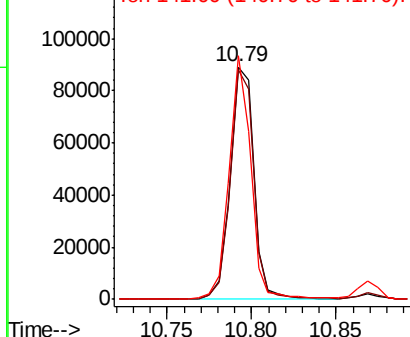


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 36.580 ng

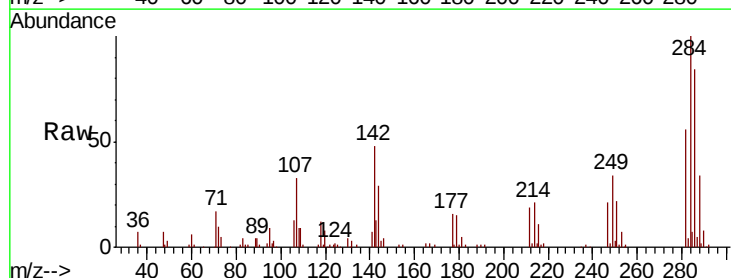
RT: 10.87 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion:	284	Resp:	88793
Ion	Ratio	Lower	Upper
284	100		
142	48.3	39.0	58.6
249	34.5	25.7	38.5

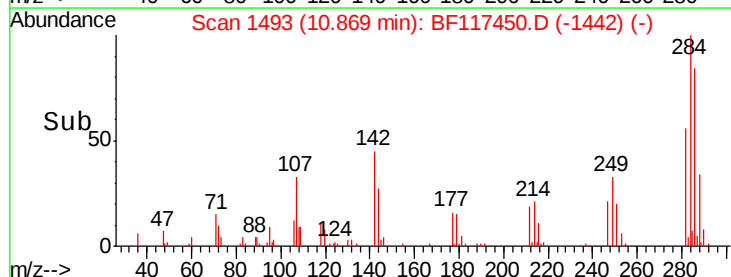
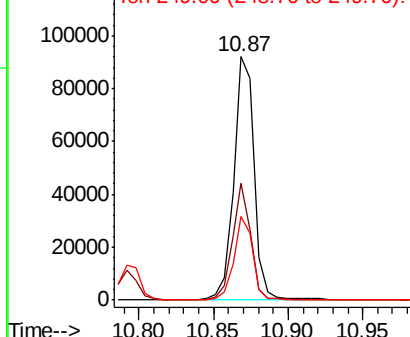


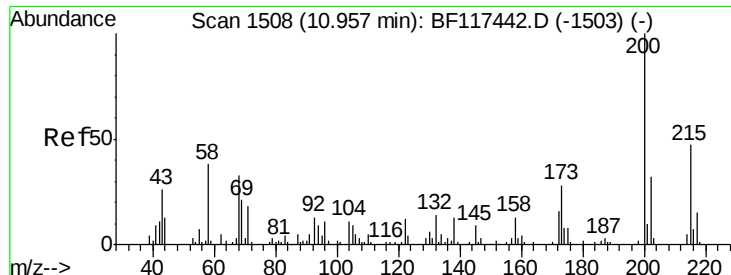
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





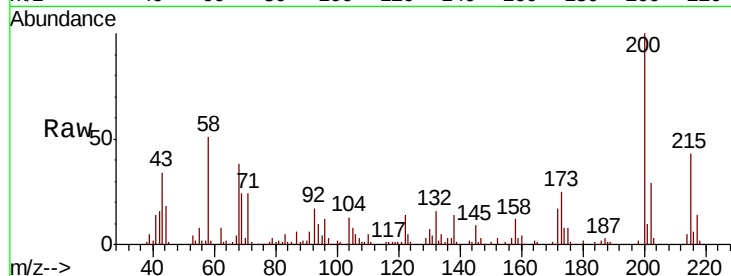
#69
Atrazine
Concen: 47.923 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	8.2	48.2
215	42.9	26.8	66.8

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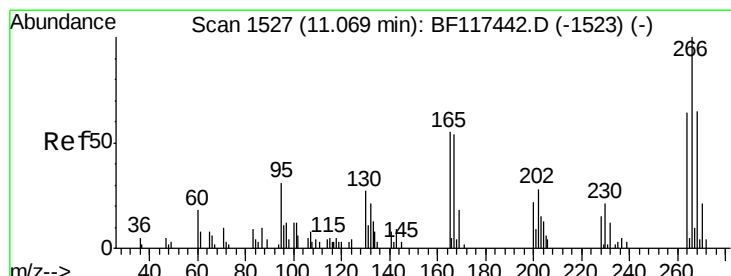
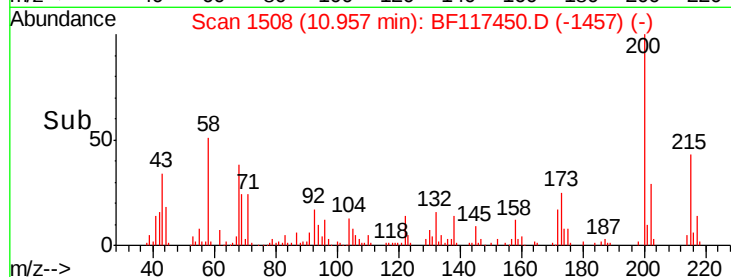
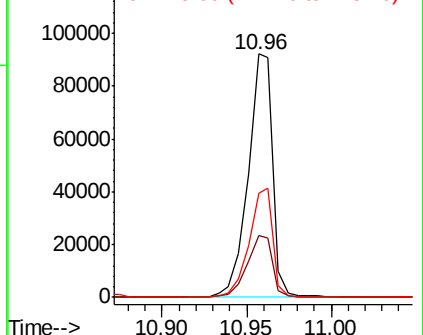


Abundance

Ion 200.00 (199.70 to 200.70): E

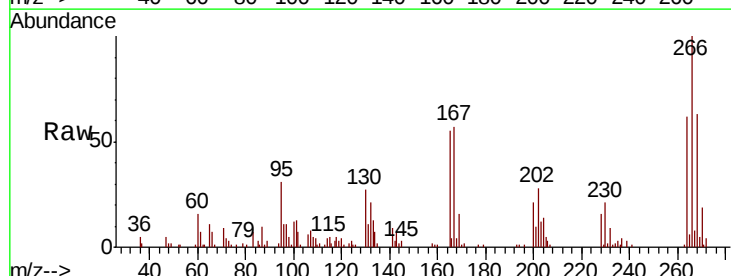
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 100.487 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.6	77.4
264	62.2	51.4	77.2

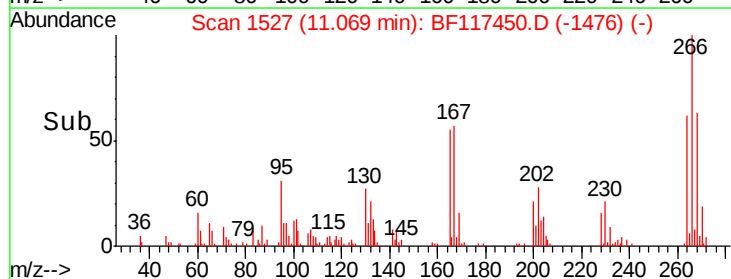
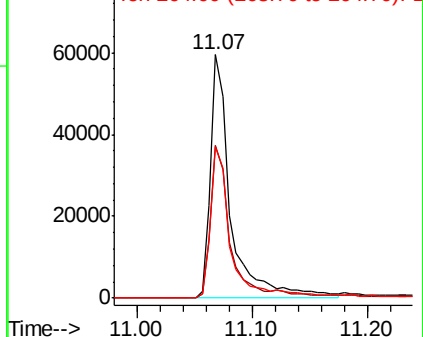


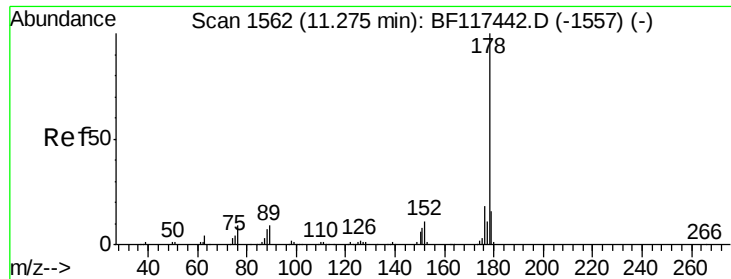
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





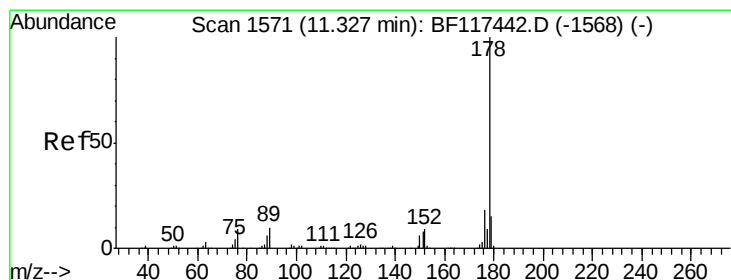
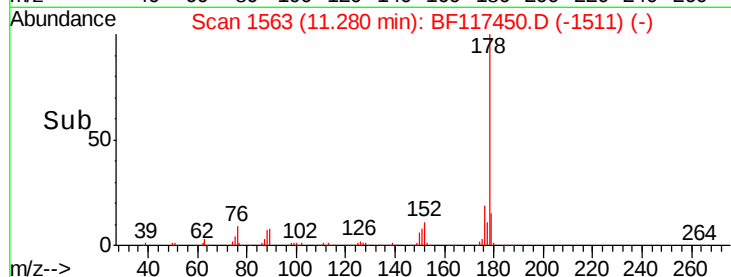
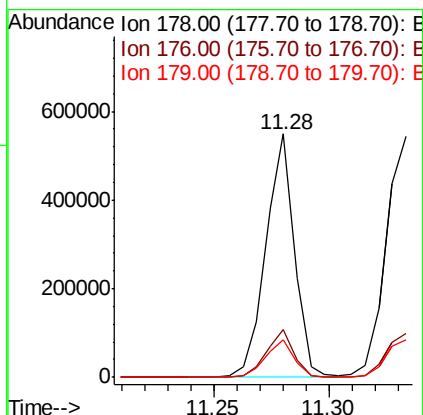
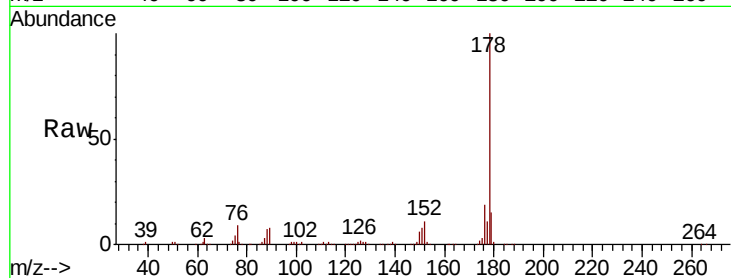
#71
Phenanthrene
Concen: 38.757 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	15.3	12.6	19.0

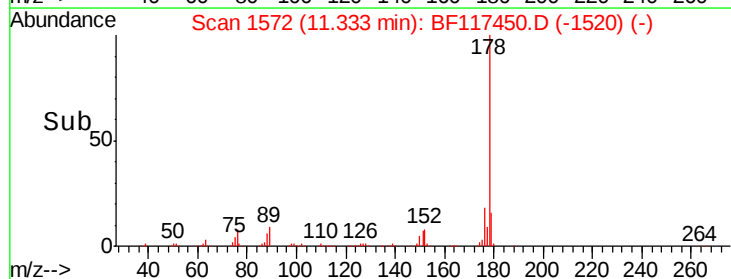
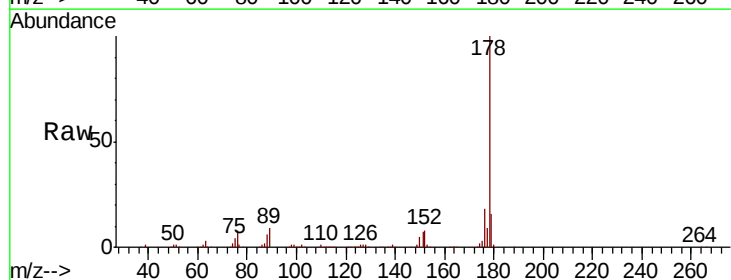
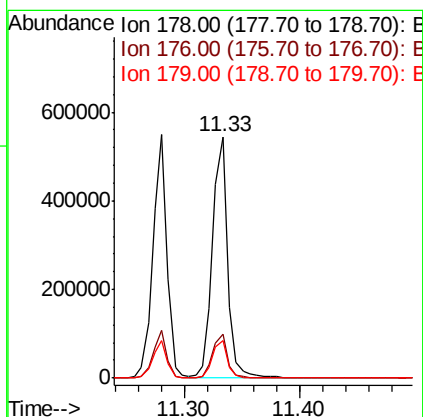
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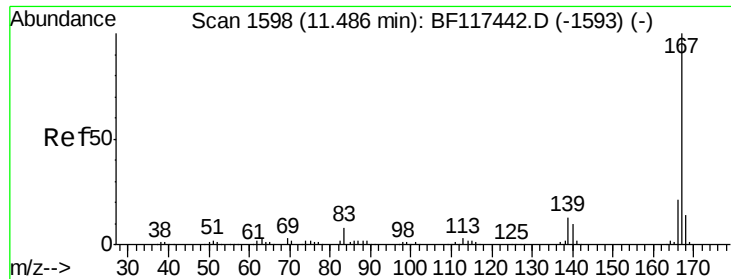
mohammad
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#72
Anthracene
Concen: 39.612 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.5	12.2	18.2





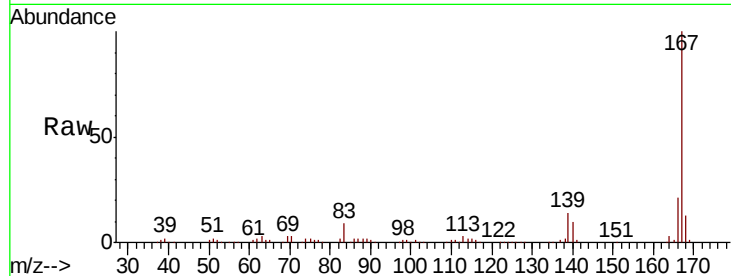
#73
 Carbazole
 Concen: 39.275 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

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

Manual Integrations
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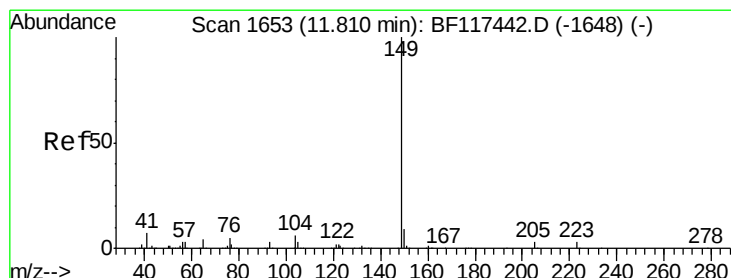
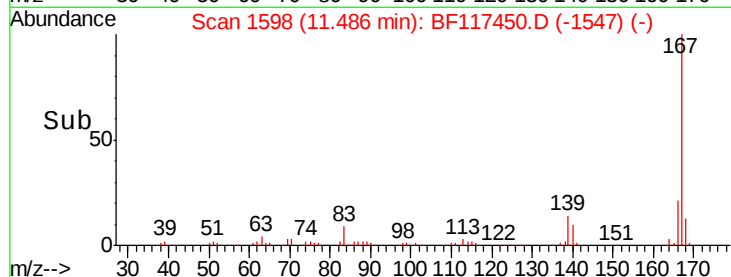
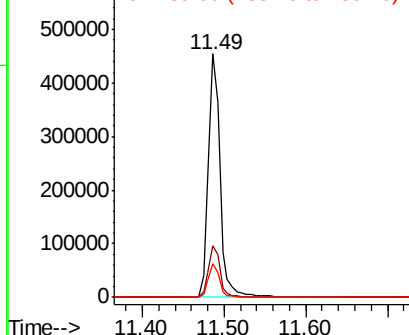


Abundance

Ion 167.00 (166.70 to 167.70): E

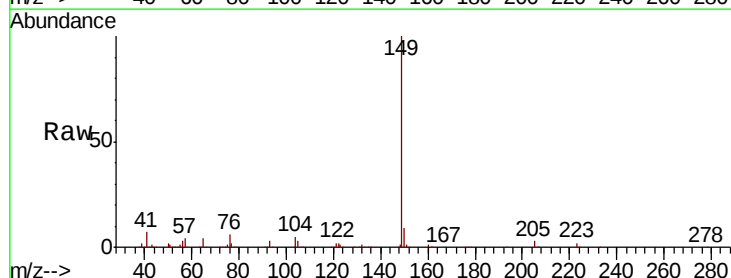
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.225 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.4	4.6	6.8

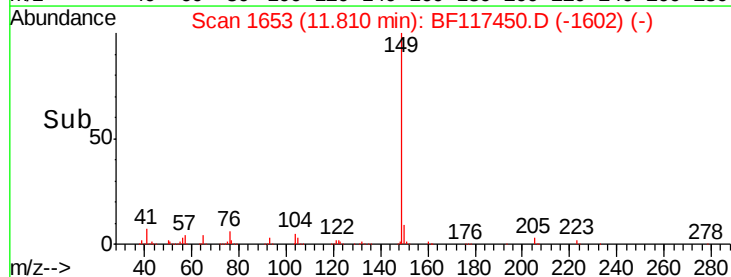
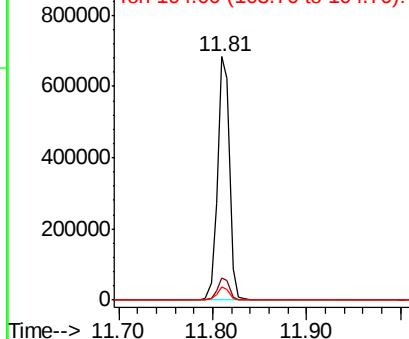


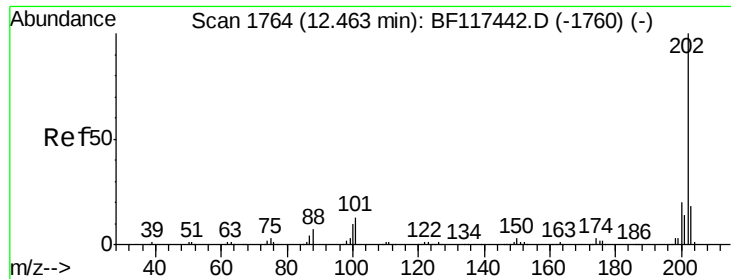
Abundance

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





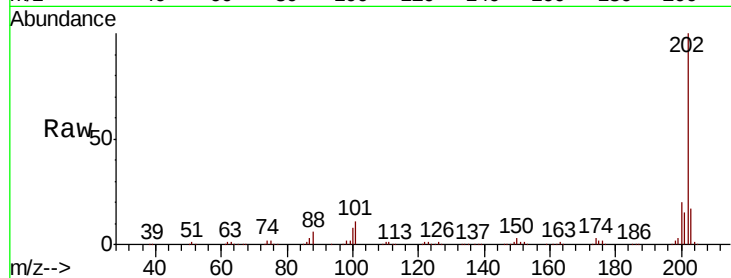
#75
Fluoranthene
 Concen: 39.119 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	32.7
203	16.8	0.0	37.6

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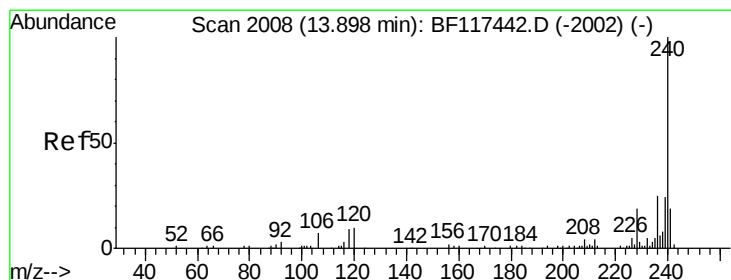
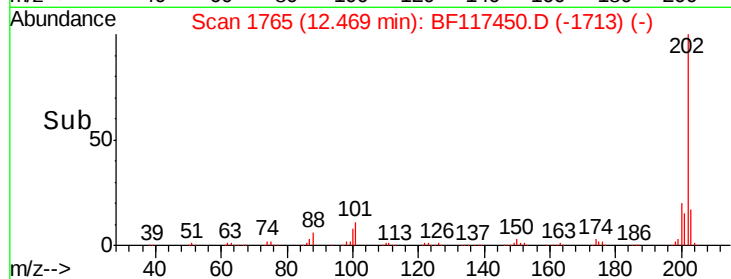
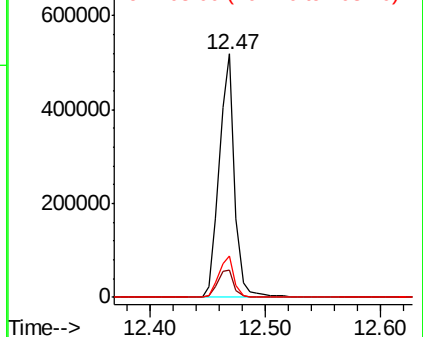


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

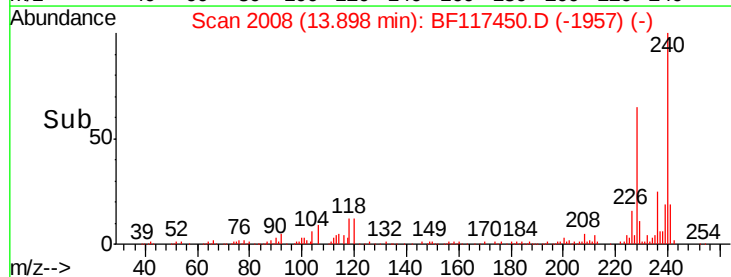
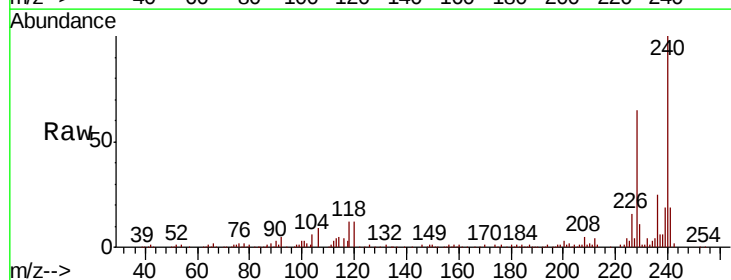
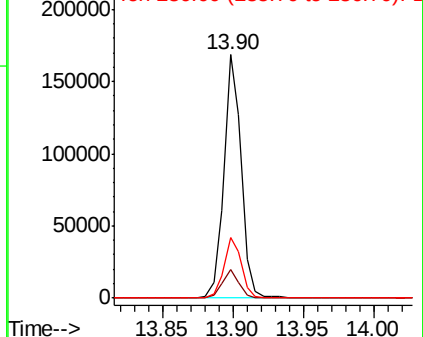
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	8.4	12.6
236	24.7	20.0	30.0

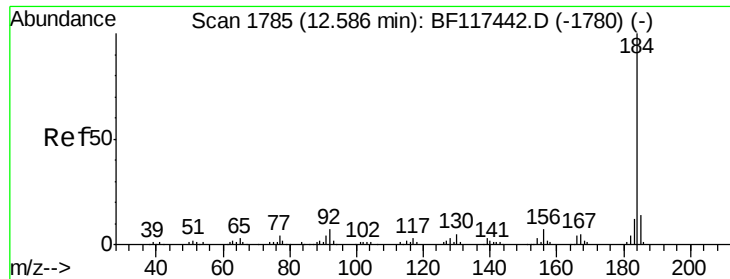
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.827 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

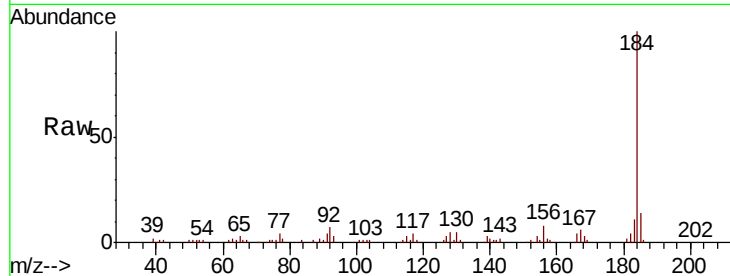
ClientSampleId :

PB124147BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.4	17.0
183	11.5	9.6	14.4

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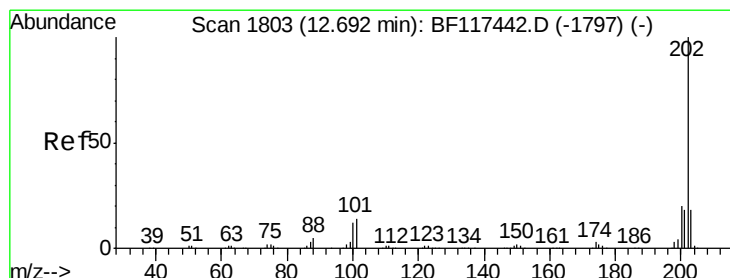
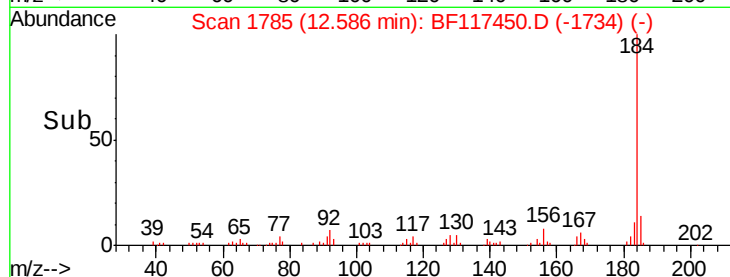
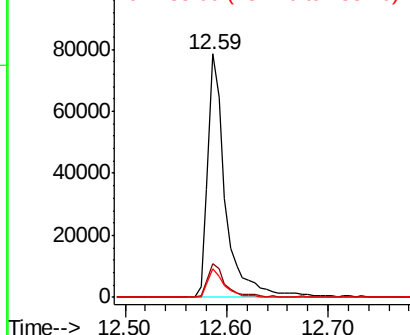


Abundance

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: 39.441 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

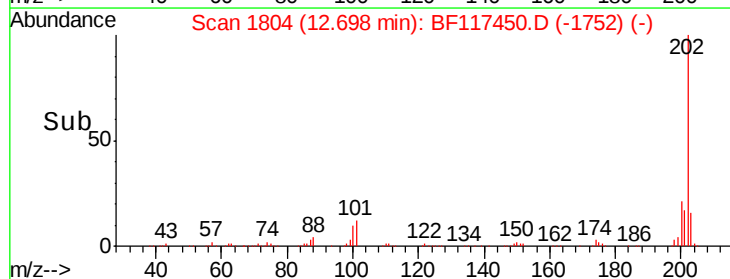
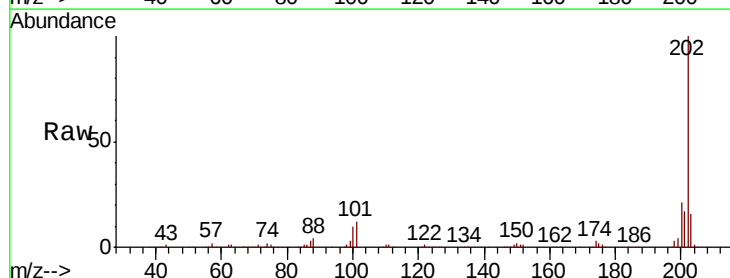
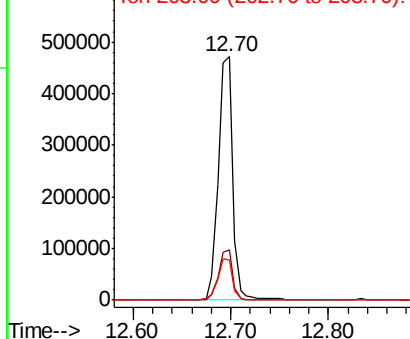
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	16.3	14.0	21.0

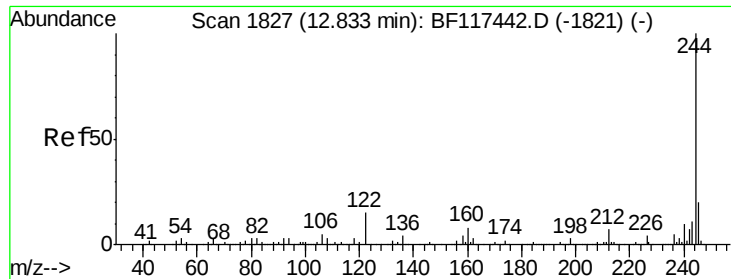
Abundance

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





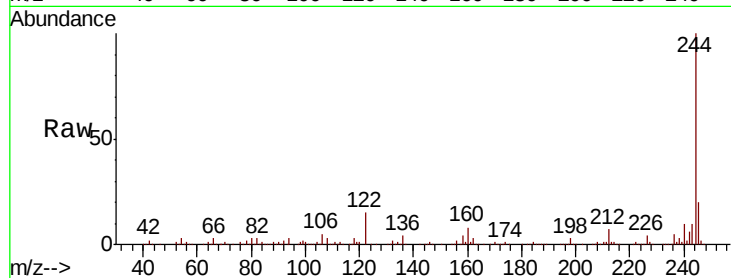
#79
 Terphenyl-d14
 Concen: 59.636 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

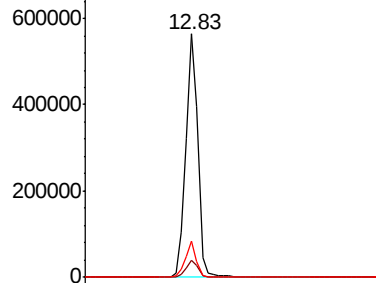
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	14.7	11.8	17.8

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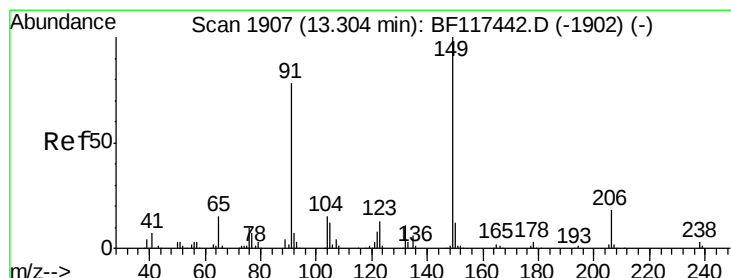
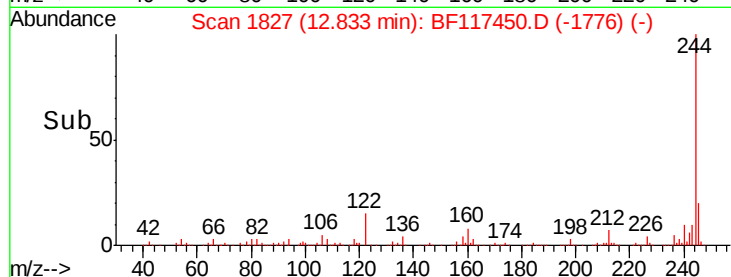
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Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

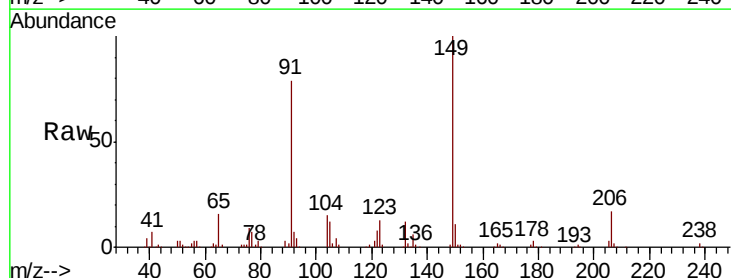


Time-->

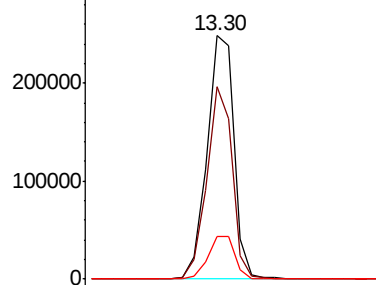


#80
 Butylbenzylphthalate
 Concen: 38.818 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

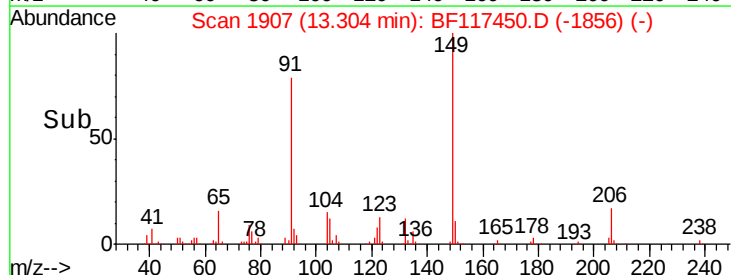
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.1	62.1	93.1
206	17.3	14.3	21.5

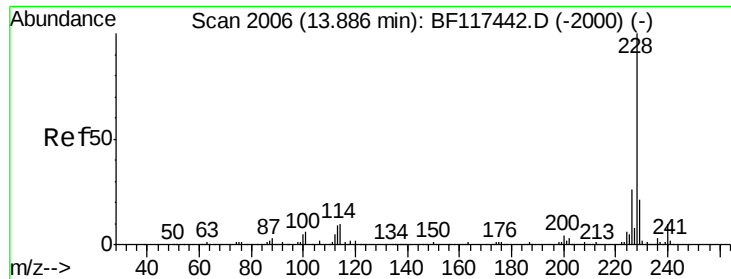


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 38.693 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

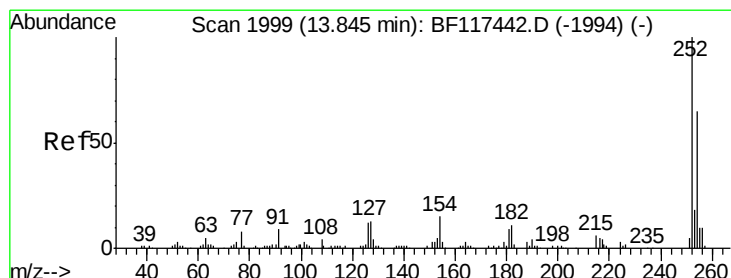
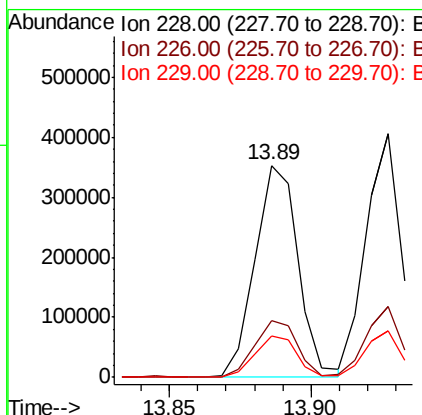
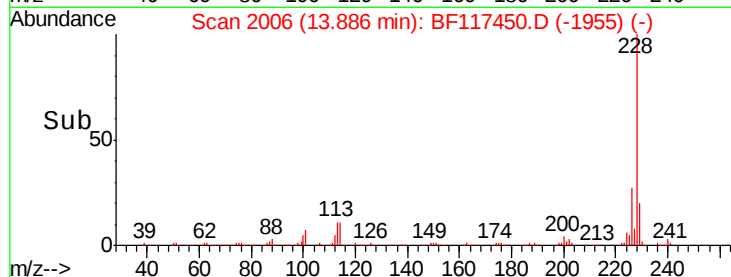
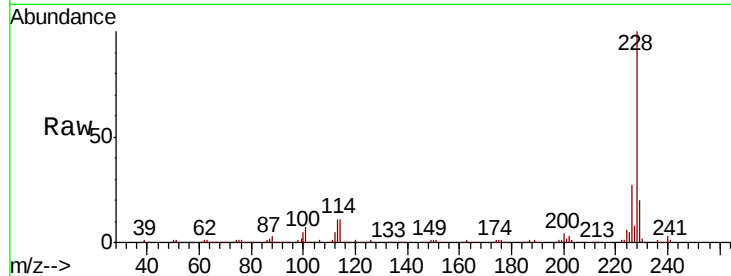
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	19.7	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 33.370 ng

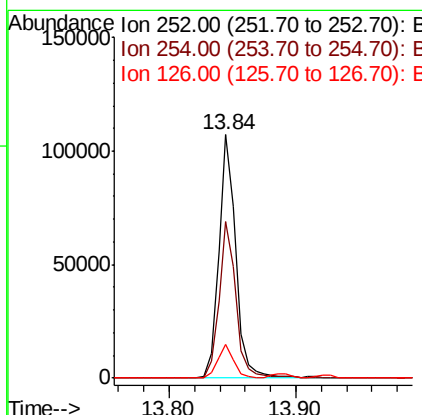
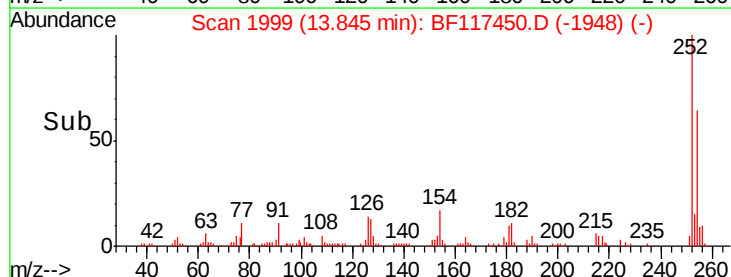
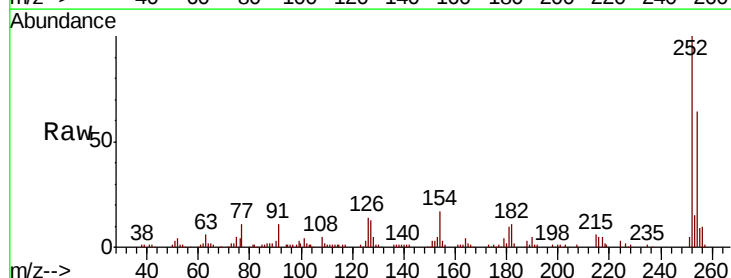
RT: 13.84 min Scan# 1999

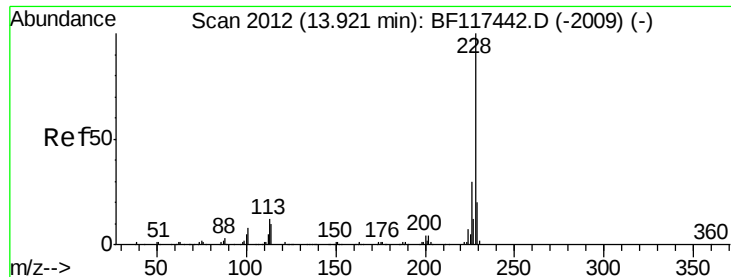
Delta R.T. 0.00 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.2	78.4
126	13.7	9.2	13.8





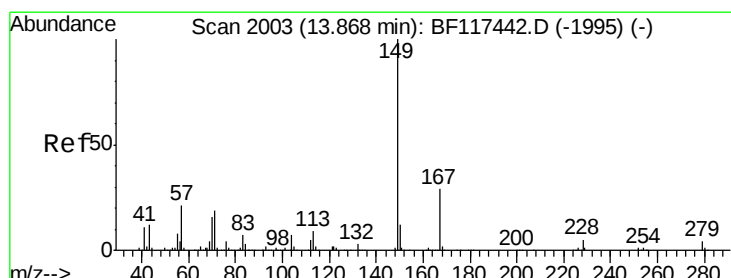
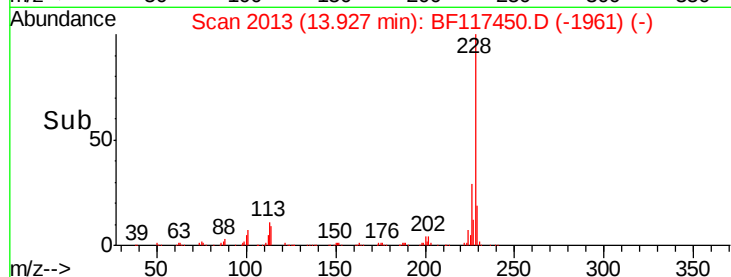
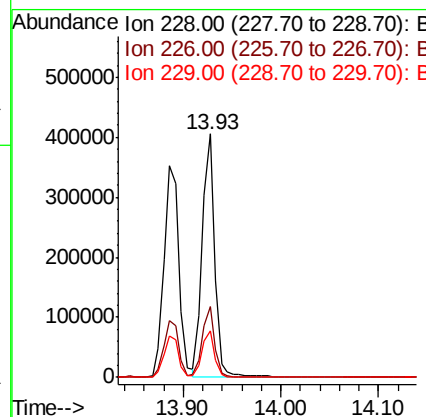
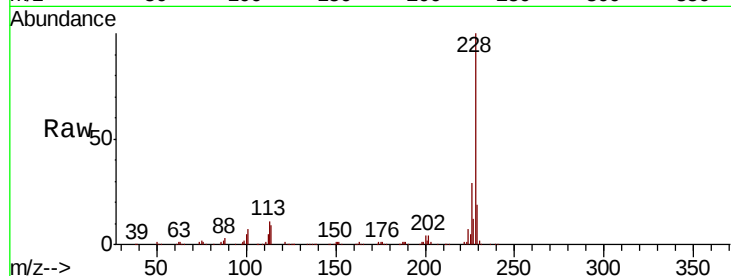
#83
 Chrvsene
 Concen: 38.261 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB124147BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.9	35.9
229	19.1	15.8	23.6

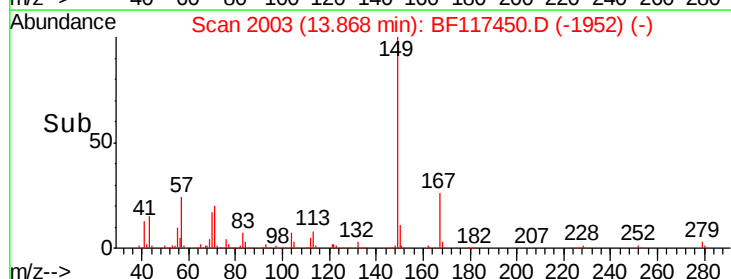
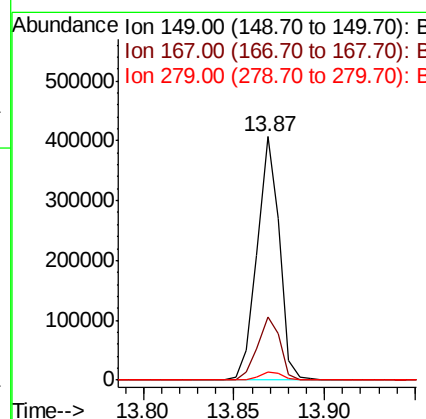
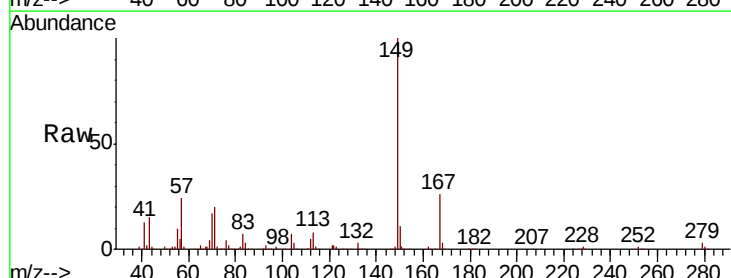
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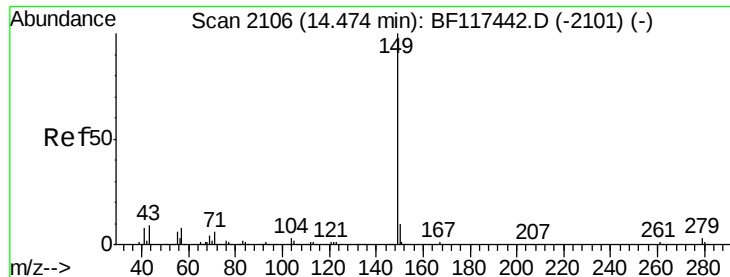
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.529 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF117450.D
 Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.3	34.9
279	3.1	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 41.237 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.02 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

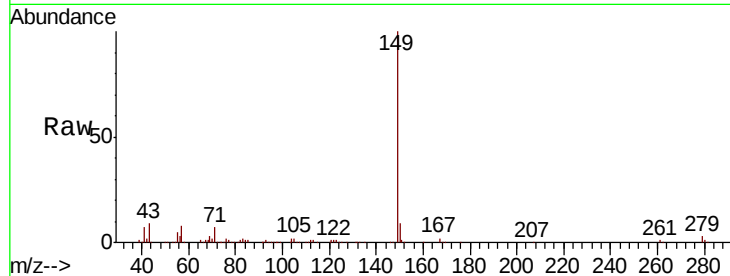
ClientSampleId :

PB124147BS

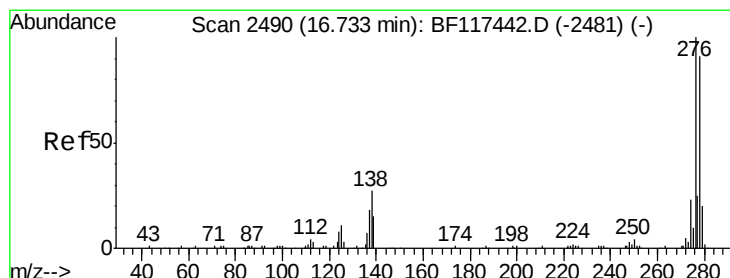
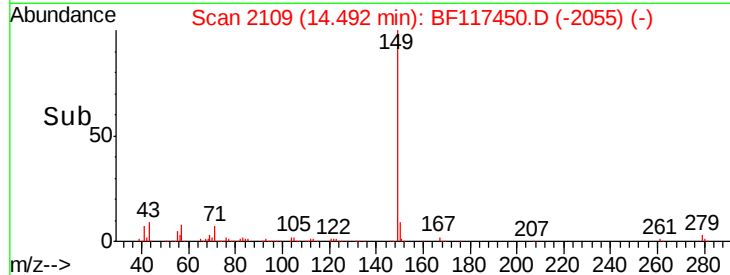
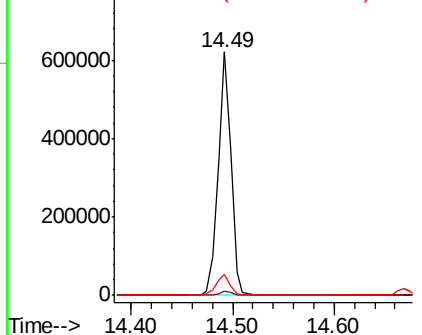
Tot Ion:	149	Resp:	543326
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.7	6.8	10.2

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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: 34.782 ng

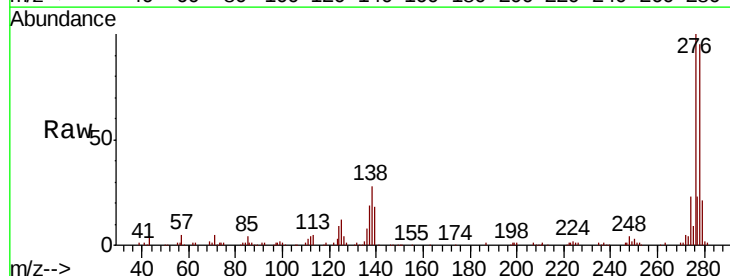
RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

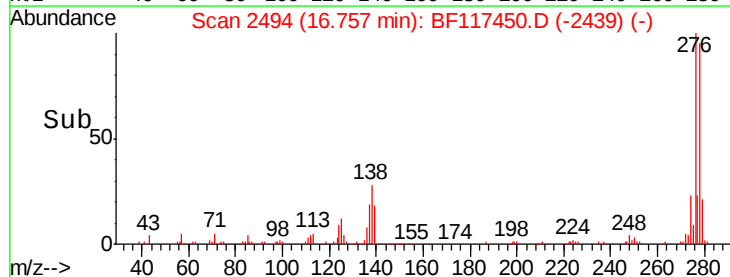
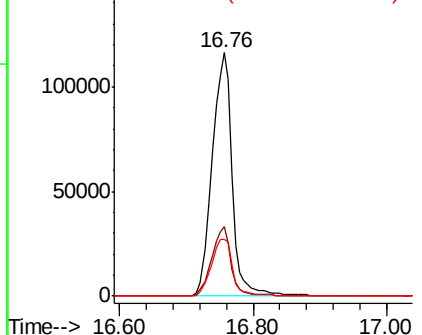
Lab File: BF117450.D

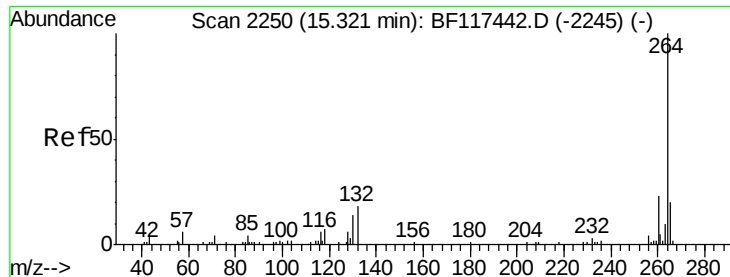
Acq: 21 Oct 2019 16:36

Tgt Ion:	276	Resp:	245709
Ion Ratio	Lower	Upper	
276	100		
138	27.6	21.8	32.8
277	24.6	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





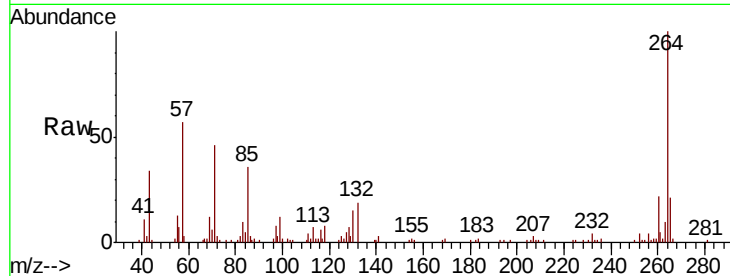
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	21.0	16.1	24.1

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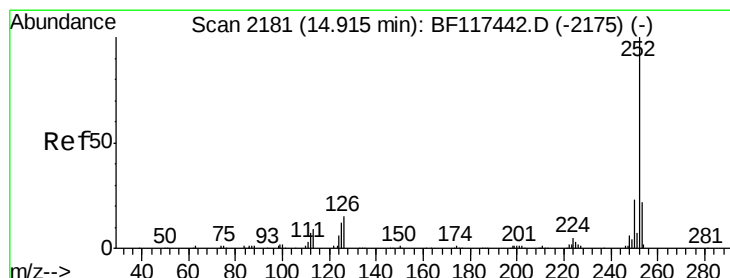
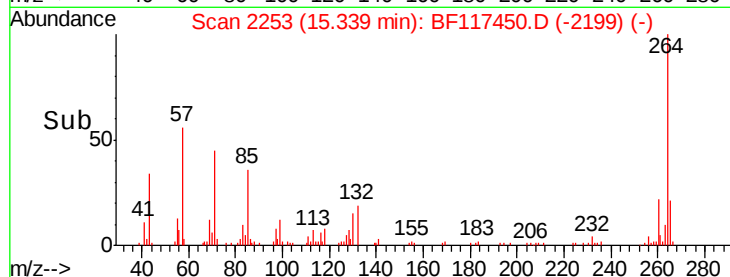
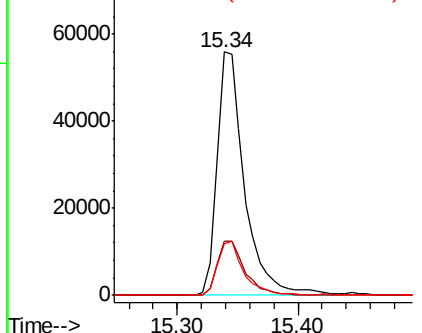


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 57.012 ng m
RT: 14.94 min Scan# 2185
Delta R.T. 0.02 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

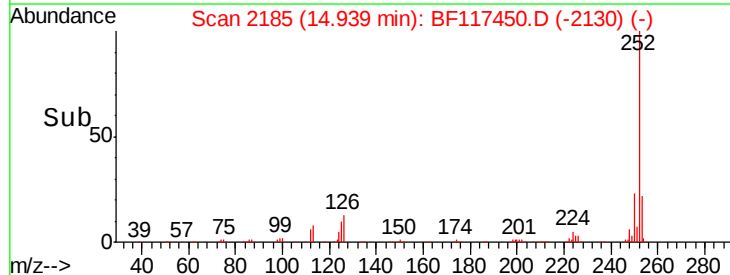
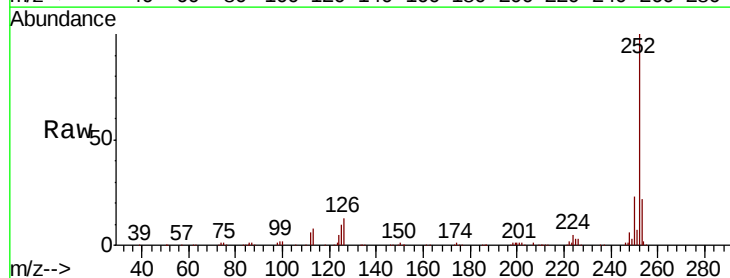
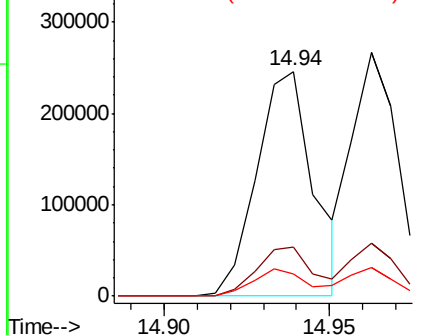
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	9.8	9.9	14.9#

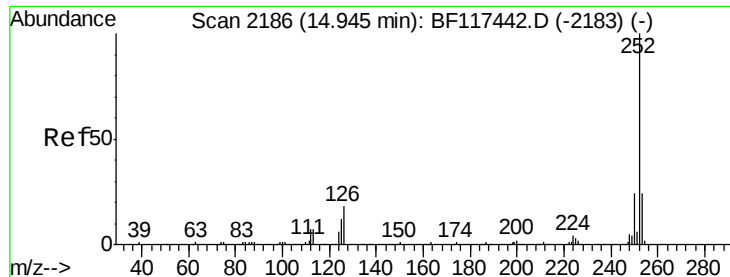
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.847 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.02 min

Lab File: BF117450.D

Acq: 21 Oct 2019 16:36

Instrument :

BNA_F

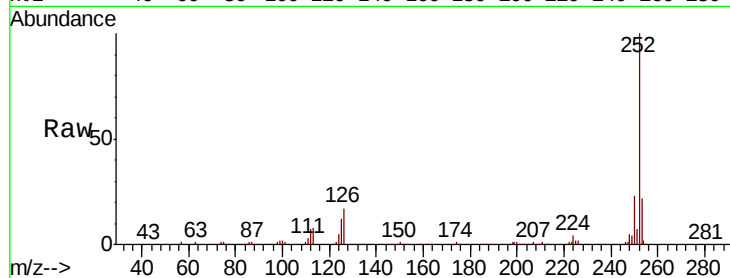
ClientSampleId :

PB124147BS

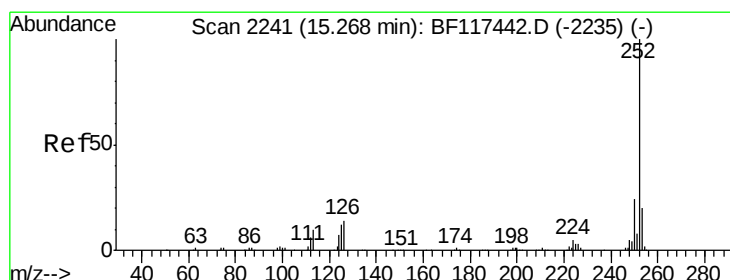
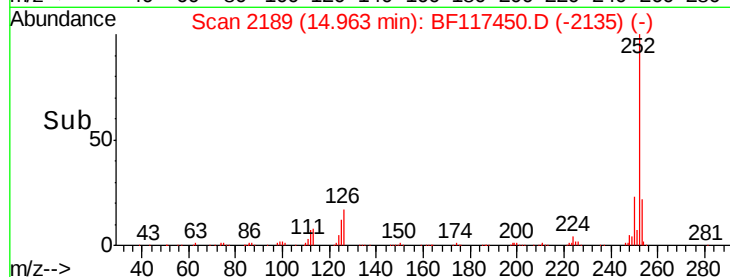
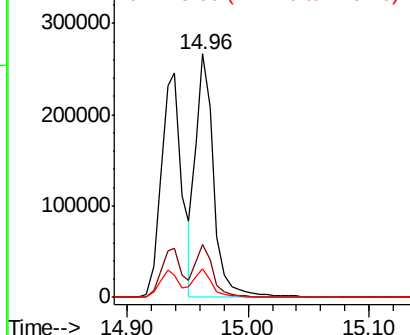
Tot Ion:	252	Resp:	274296
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	11.7	8.9	13.3

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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: 51.063 ng

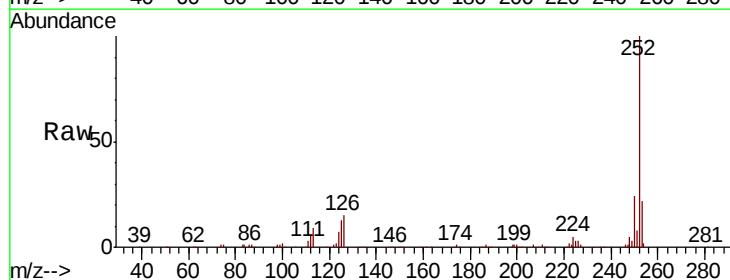
RT: 15.29 min Scan# 2244

Delta R.T. 0.02 min

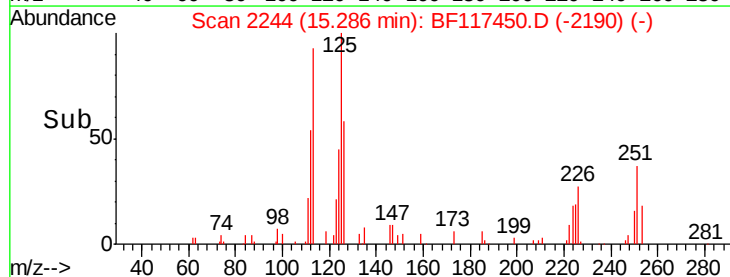
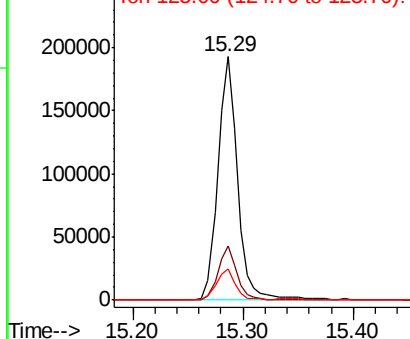
Lab File: BF117450.D

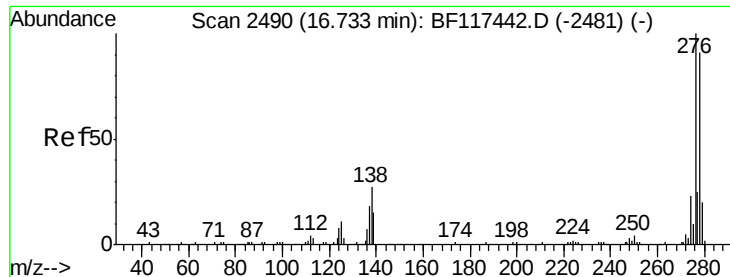
Acq: 21 Oct 2019 16:36

Tgt Ion:	252	Resp:	239642
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.3	24.5
125	12.5	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





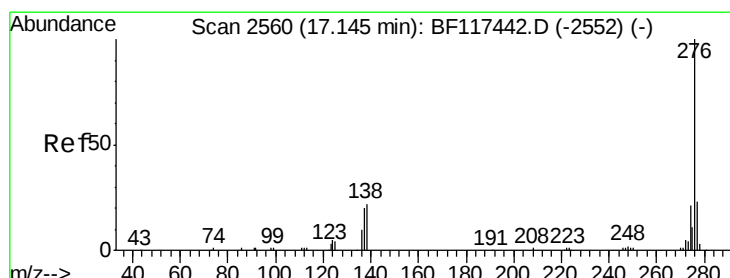
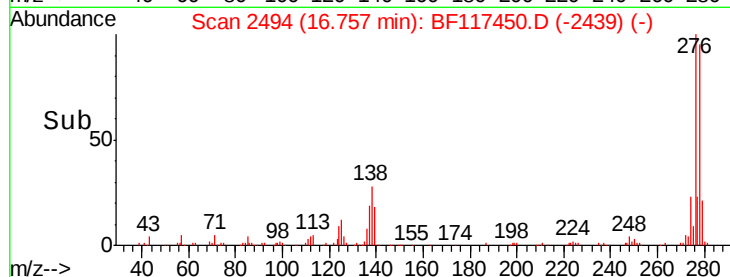
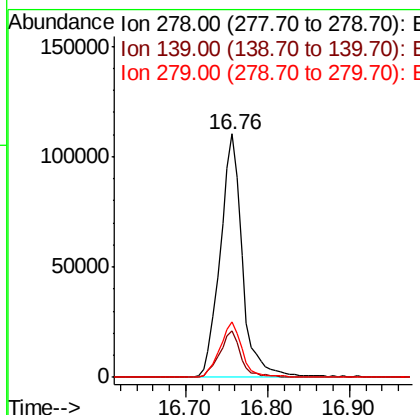
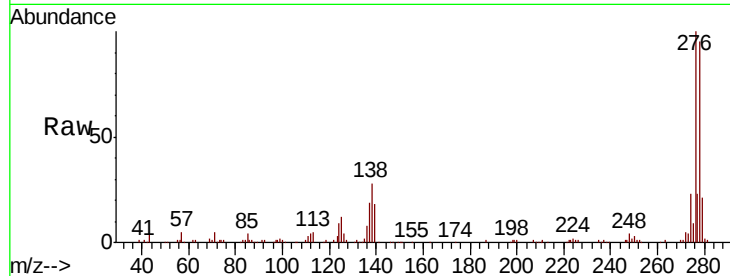
#91
Dibenzo(a,h)anthracene
Concen: 51.359 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Instrument :
BNA_F
ClientSampleId :
PB124147BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.4	20.0
279	22.6	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/22/2019 3:29:11 PM



#92
Benzo(g,h,i)perylene
Concen: 52.908 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF117450.D
Acq: 21 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	22.0	17.8	26.6

