

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118503.D
 Acq On : 8 Jan 2020 17:11
 Operator : JU
 Sample : PB125777BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Manual Integrations
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mohammad
 1/9/2020 12:10:43 PM

Quant Time: Jan 09 03:22:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82217	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	338640	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	210121	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	359238	20.00	ng	0.00
76) Chrysene-d12	14.03	240	228143	20.00	ng	0.00
87) Perylene-d12	15.52	264	157556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	571532	114.75	ng	0.01
7) Phenol-d6	6.47	99	708844	119.04	ng	0.00
23) Nitrobenzene-d5	7.40	82	458039	71.05	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	263558	106.30	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	989610	67.55	ng	0.00
79) Terphenyl-d14	12.96	244	1195937	83.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	67944	40.919	ng	98
3) Pyridine	3.41	79	161148	36.054	ng	96
4) n-Nitrosodimethylamine	3.36	42	94663	42.265	ng	95
6) Aniline	6.49	93	253084	34.183	ng	# 87
8) 2-Chlorophenol	6.62	128	229097	42.071	ng	96
9) Benzaldehyde	6.38	77	138712	41.844	ng	98
10) Phenol	6.49	94	293654	44.505	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	197661	42.019	ng	99
12) 1,3-Dichlorobenzene	6.77	146	256084	40.228	ng	99
13) 1,4-Dichlorobenzene	6.85	146	265281	40.842	ng	100
14) 1,2-Dichlorobenzene	7.00	146	252676	40.256	ng	98
15) Benzyl Alcohol	6.98	79	204183	42.272	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	202440	38.794	ng	95
17) 2-Methylphenol	7.09	107	189318	42.303	ng	99
18) Hexachloroethane	7.34	117	97004	39.415	ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	154321	40.238	ng	100
20) 3+4-Methylphenols	7.25	107	246426	40.593	ng	90
22) Acetophenone	7.25	105	327695	38.176	ng	97
24) Nitrobenzene	7.42	77	242106	37.770	ng	99
25) Isophorone	7.66	82	416985	40.377	ng	99
26) 2-Nitrophenol	7.73	139	130904	41.362	ng	99
27) 2,4-Dimethylphenol	7.77	122	202582	47.598	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	262296	38.632	ng	98
29) 2,4-Dichlorophenol	7.98	162	199403	40.126	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	220900	38.272	ng	98
31) Naphthalene	8.14	128	715470	40.391	ng	99
32) Benzoic acid	7.92	122	115220	40.483	ng	98
33) 4-Chloroaniline	8.19	127	164536	22.562	ng	99
34) Hexachlorobutadiene	8.25	225	132681	37.449	ng	99
35) Caprolactam	8.57	113	58640m	39.173	ng	
36) 4-Chloro-3-methylphenol	8.69	107	207998	38.933	ng	99
37) 2-Methylnaphthalene	8.83	142	468393	38.528	ng	98
38) 1-Methylnaphthalene	8.93	142	449084	39.344	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	207572	32.152	ng	99

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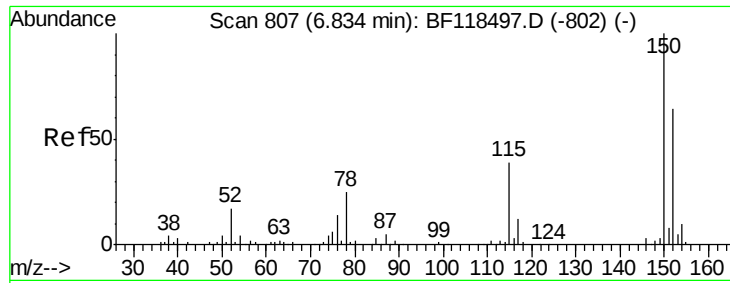
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	129475	74.533	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	137153	34.379	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	148750	36.031	nq	98
46) 1,1'-Biphenyl	9.30	154	565271	32.925	nq	98
47) 2-Chloronaphthalene	9.33	162	442900	32.594	nq	97
48) 2-Nitroaniline	9.43	65	126325	32.171	nq	96
49) Acenaphthylene	9.74	152	723548	35.771	nq	99
50) Dimethylphthalate	9.60	163	533359	33.072	nq	99
51) 2,6-Dinitrotoluene	9.67	165	119591	34.435	nq	98
52) Acenaphthene	9.92	154	452999	36.674	nq	98
53) 3-Nitroaniline	9.84	138	100409	24.682	nq	91
54) 2,4-Dinitrophenol	9.96	184	105054	70.001	nq	# 88
55) Dibenzofuran	10.09	168	693625	37.388	nq	98
56) 4-Nitrophenol	10.02	139	152730	77.321	nq	98
57) 2,4-Dinitrotoluene	10.08	165	173176	37.241	nq	98
58) Fluorene	10.43	166	555806	37.272	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	126282	36.171	nq	96
60) Diethylphthalate	10.30	149	563836	34.345	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	271312	36.414	nq	97
62) 4-Nitroaniline	10.46	138	116710	29.300	nq	100
63) Azobenzene	10.58	77	516664	37.034	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	80823	42.560	nq	98
66) n-Nitrosodiphenylamine	10.55	169	486031	41.546	nq	100
67) 4-Bromophenyl-phenylether	10.91	248	168062	39.941	nq	98
68) Hexachlorobenzene	10.99	284	194454	38.699	nq	98
69) Atrazine	11.07	200	158184	45.505	nq	99
70) Pentachlorophenol	11.19	266	133195	80.885	nq	99
71) Phenanthrene	11.40	178	788328	39.174	nq	100
72) Anthracene	11.45	178	828201	41.368	nq	100
73) Carbazole	11.61	167	649793	37.468	nq	99
74) Di-n-butylphthalate	11.93	149	925211	39.989	nq	98
75) Fluoranthene	12.60	202	830253	40.591	nq	98
77) Benzidine	12.72	184	253436	47.418	nq	98
78) Pyrene	12.83	202	808237	43.059	nq	99
80) Butylbenzylphthalate	13.43	149	344330	40.055	nq	100
81) Benzo(a)anthracene	14.02	228	614408	38.475	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	168350	32.419	nq	98
83) Chrysene	14.06	228	565350	36.433	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	451337	38.669	nq	99
85) Di-n-octyl phthalate	14.61	149	655925	39.179	nq	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	435885	34.890	nq	100
88) Benzo(b)fluoranthene	15.08	252	490217	43.035	nq	99
89) Benzo(k)fluoranthene	15.11	252	495831	45.602	nq	99
90) Benzo(a)pyrene	15.46	252	398208	42.658	nq	97
91) Dibenzo(a,h)anthracene	17.03	278	369025	42.159	nq	100
92) Benzo(g,h,i)perylene	17.47	276	374331	45.135	nq	99

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



#1

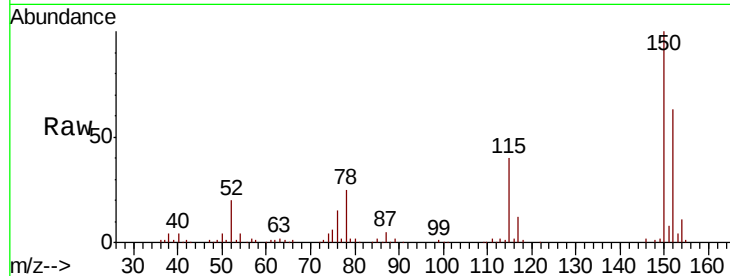
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
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ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	63.9	49.0	73.6

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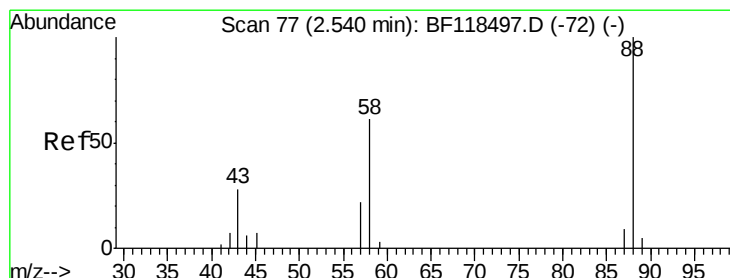
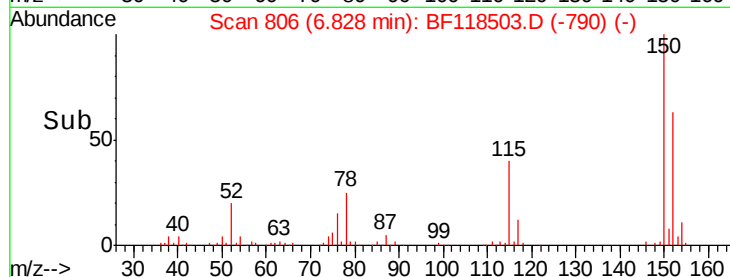
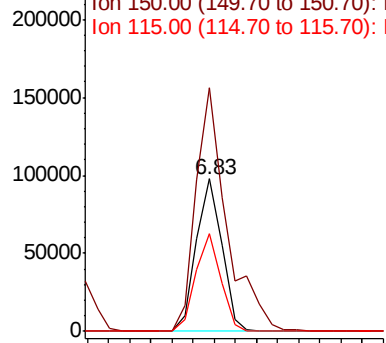


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

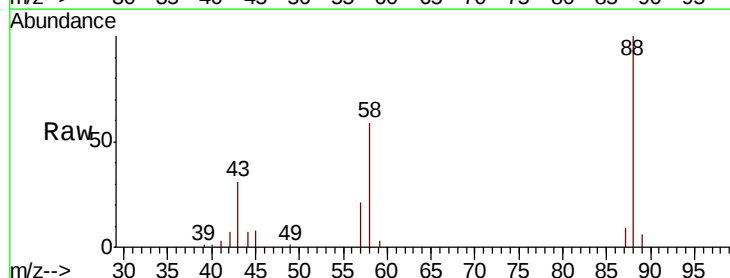
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.919 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.11 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	48.3	72.5
43	31.2	23.4	35.0

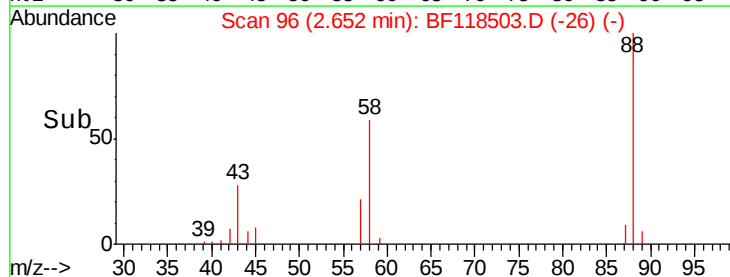
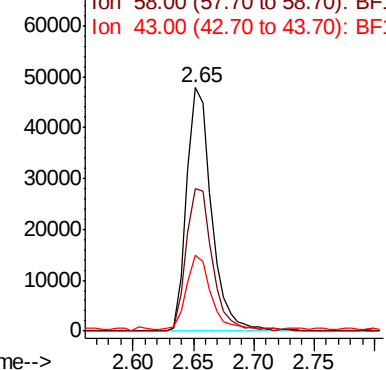


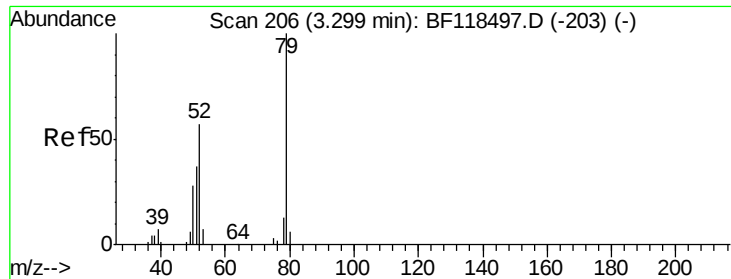
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.054 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.11 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

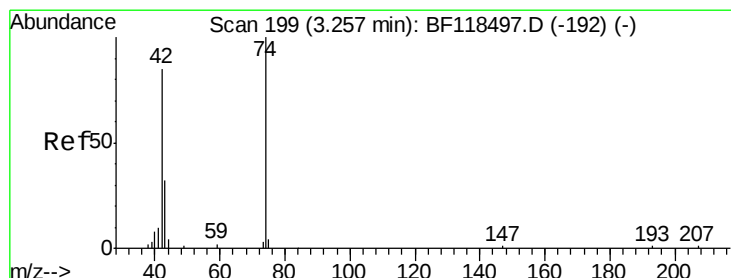
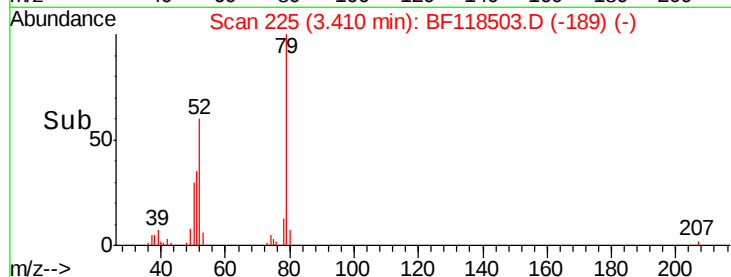
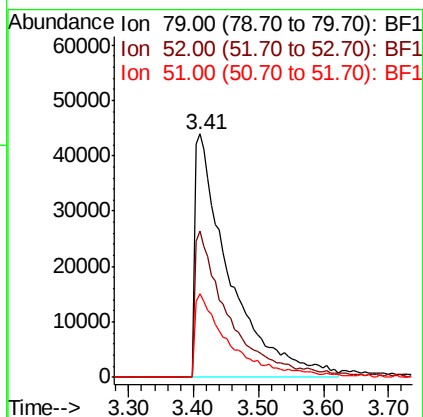
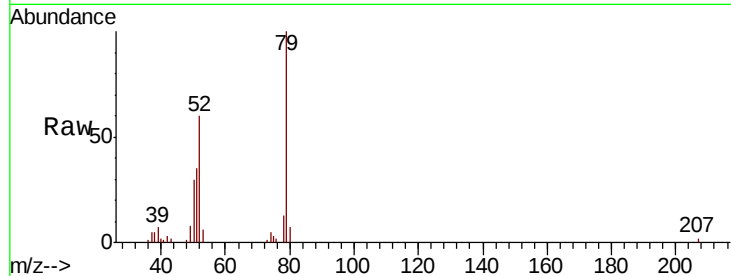
ClientSampleId :

PB125777BS

Tot Ion:	79	Resp:	161148
Ion	Ratio	Lower	Upper
79	100		
52	60.3	45.9	68.9
51	34.6	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 42.265 ng

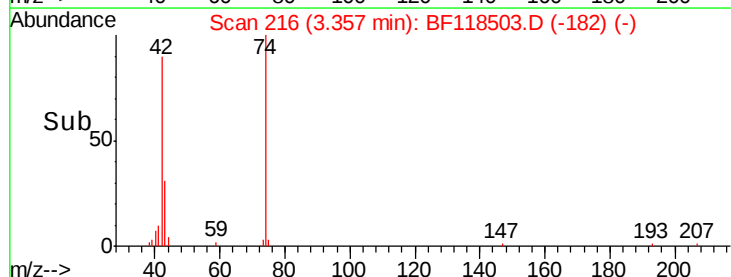
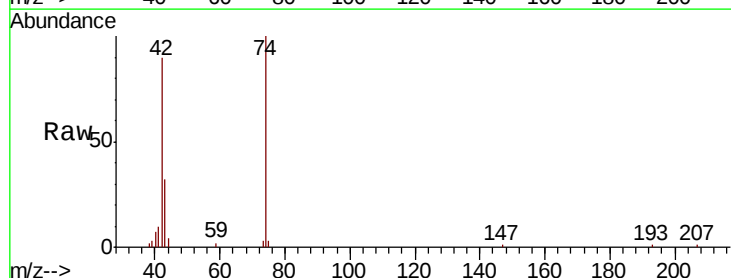
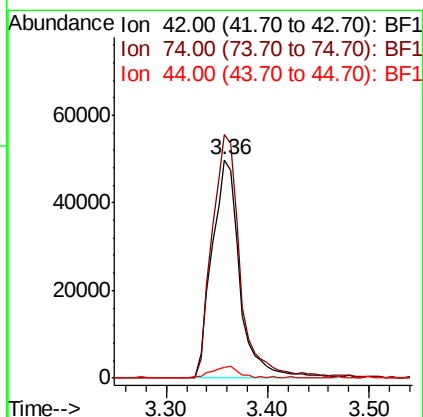
RT: 3.36 min Scan# 216

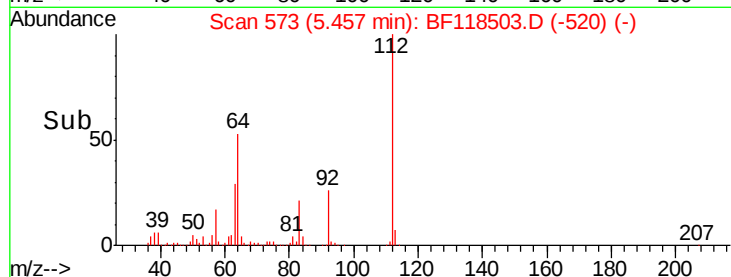
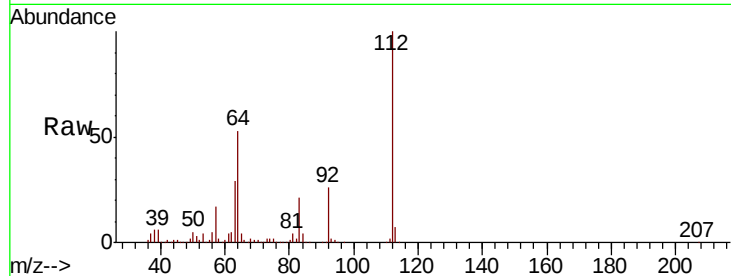
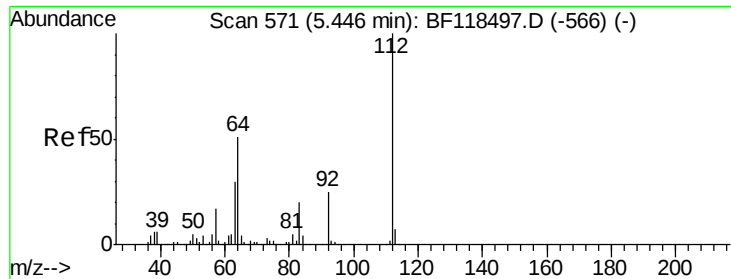
Delta R.T. 0.10 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion:	42	Resp:	94663
Ion	Ratio	Lower	Upper
42	100		
74	111.5	94.1	141.1
44	4.8	4.1	6.1





#5

2-Fluorophenol

Concen: 114.752 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		571532		
64	52.6	41.1	61.7		
63	28.9	24.1	36.1		

Instrument :

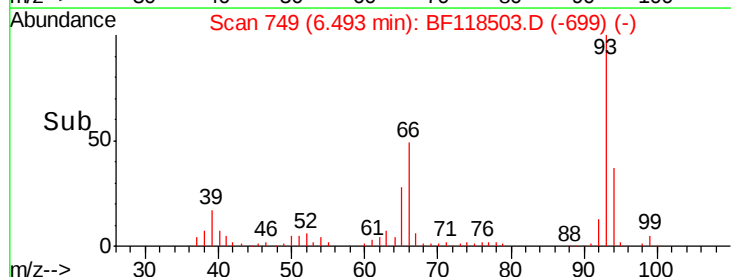
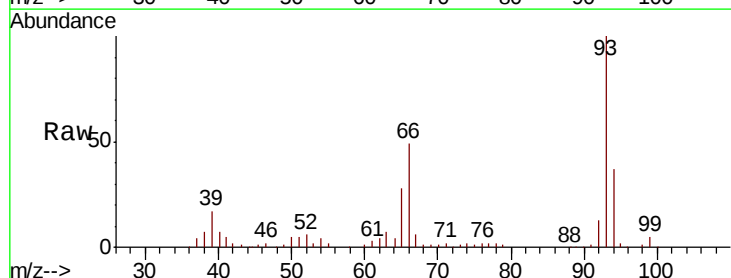
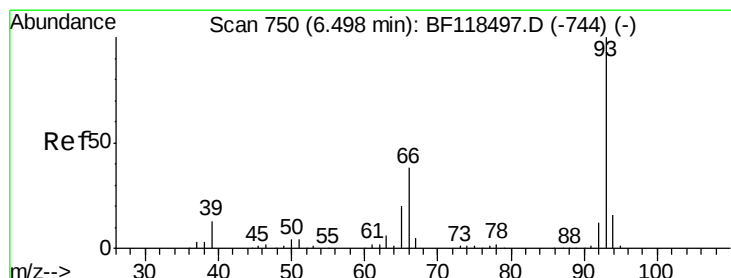
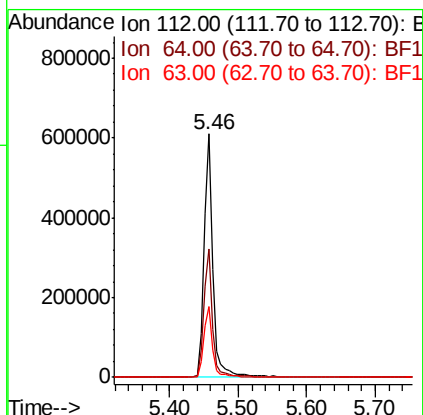
BNA_F

ClientSampleId :

PB125777BS

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#6

Aniline

Concen: 34.183 ng

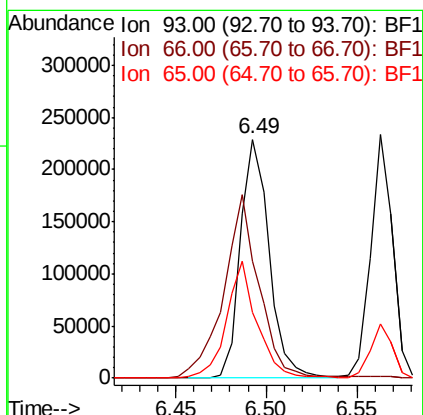
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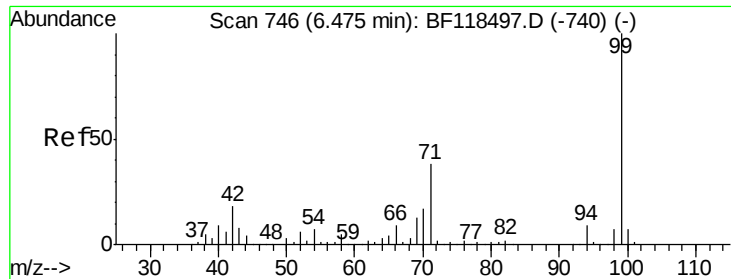
Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		253084		
66	49.0	33.4	50.0		
65	27.7	16.7	25.1#		





#7

Phenol-d6

Concen: 119.042 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

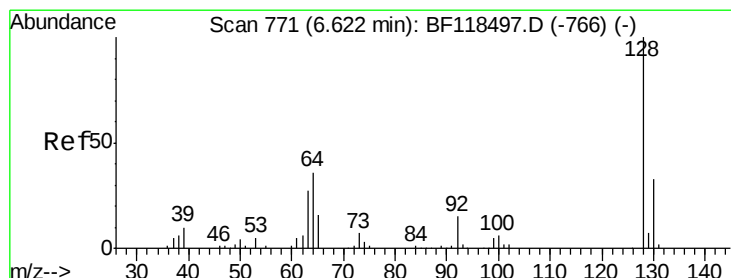
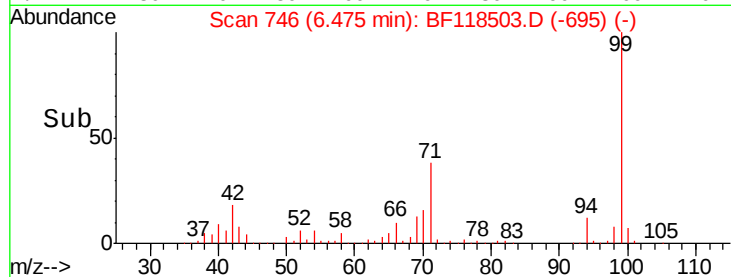
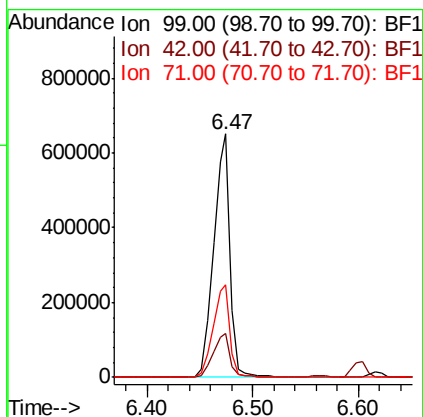
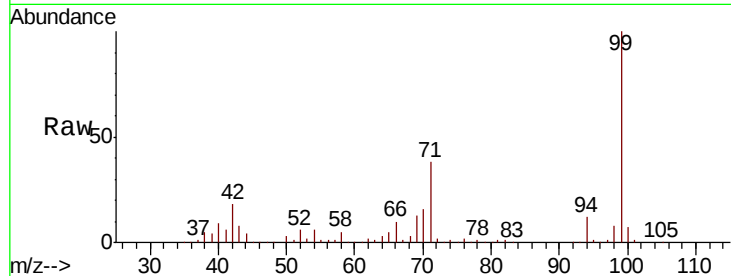
ClientSampleId :

PB125777BS

Tot Ion:	99	Resp:	708844
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.5	21.7
71	38.2	30.6	45.8

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#8

2-Chlorophenol

Concen: 42.071 ng

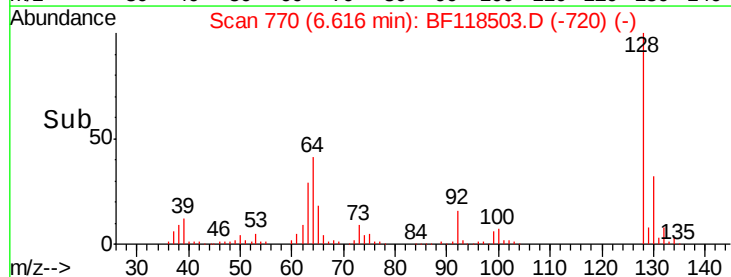
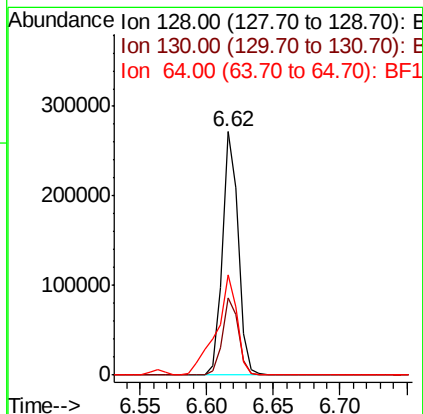
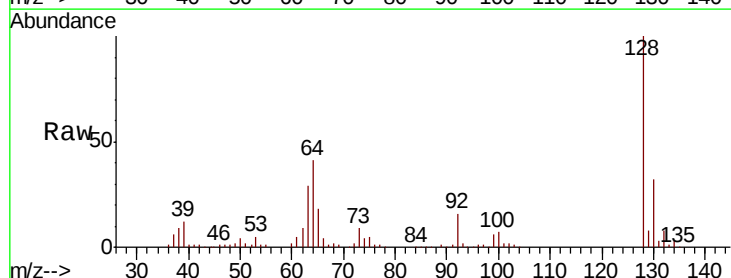
RT: 6.62 min Scan# 770

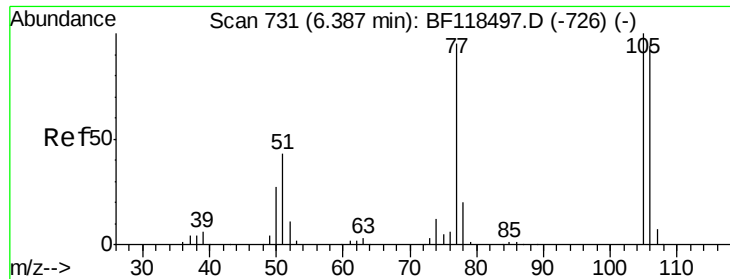
Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion:	128	Resp:	229097
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.7	52.7
64	41.2	17.8	57.8





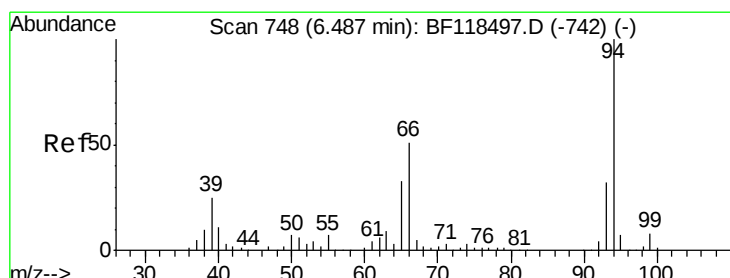
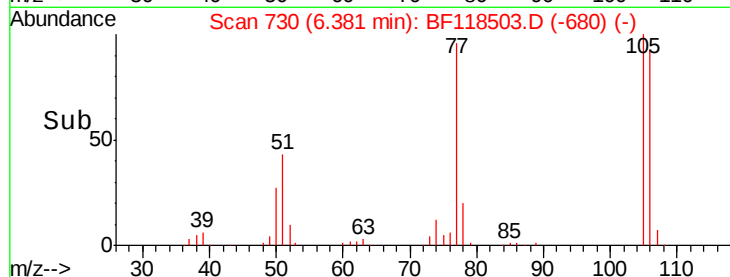
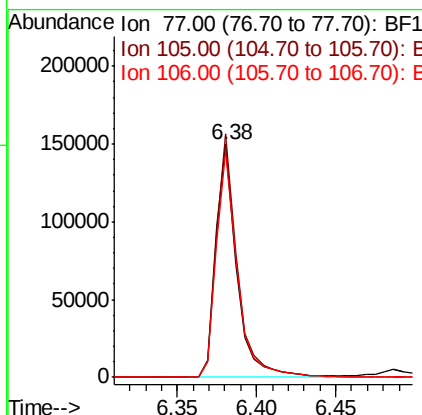
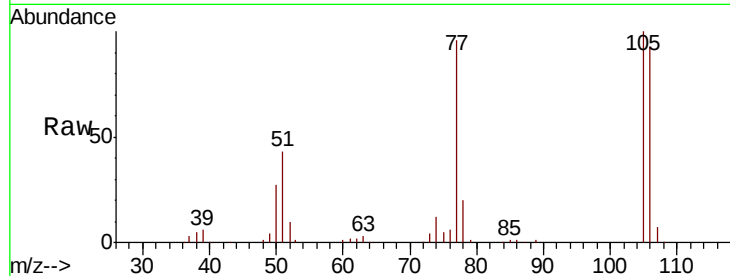
#9
Benzaldehyde
Concen: 41.844 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.5	85.4	125.4
106	97.1	79.5	119.5

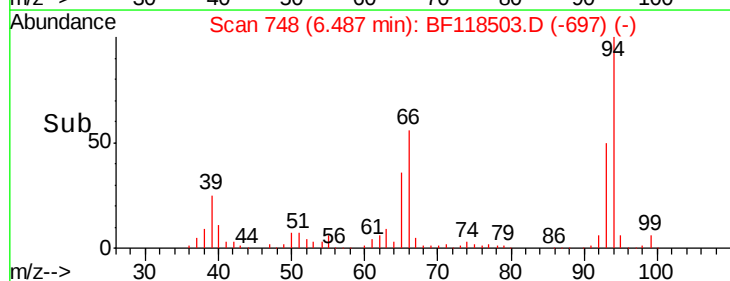
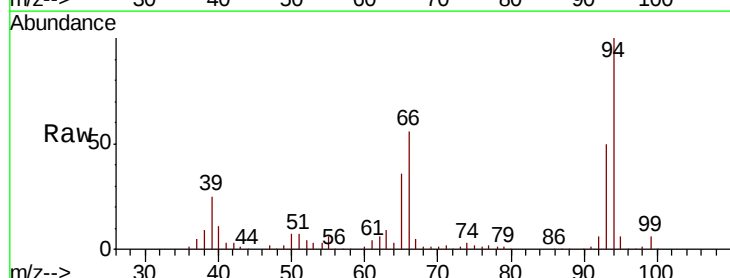
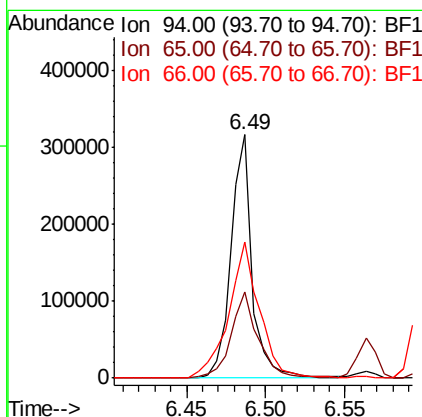
Manual Integrations
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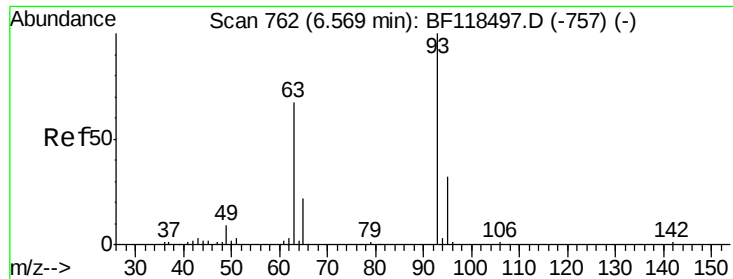
mohammad
1/9/2020 12:10:43 PM



#10
Phenol
Concen: 44.505 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.5	13.3	53.3
66	55.7	30.9	70.9





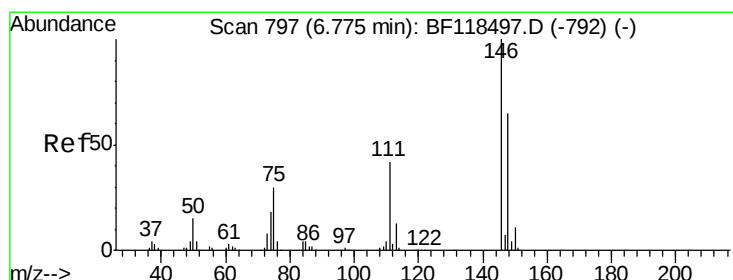
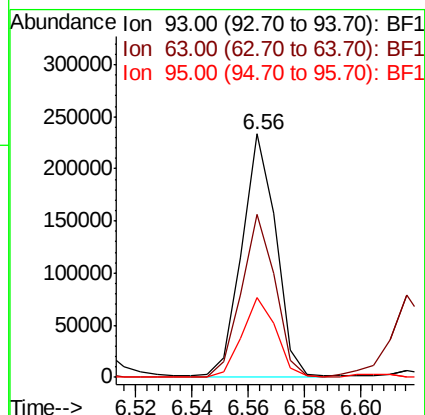
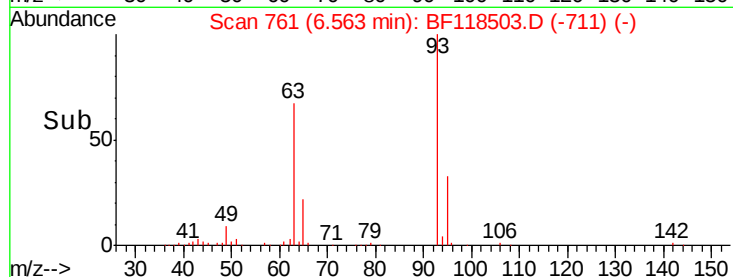
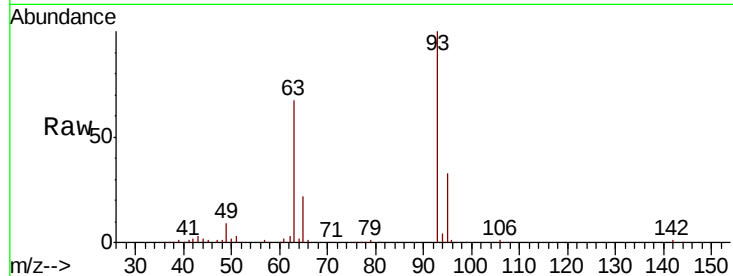
#11
bis(2-Chloroethyl)ether
Concen: 42.019 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.0	46.6	86.6
95	32.8	11.5	51.5

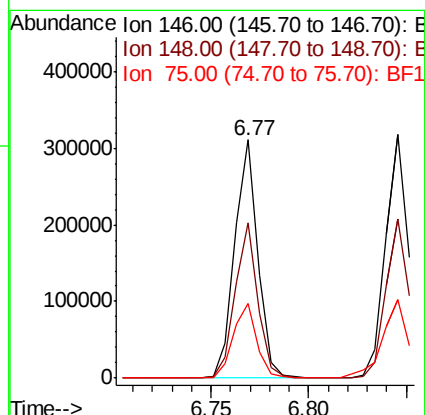
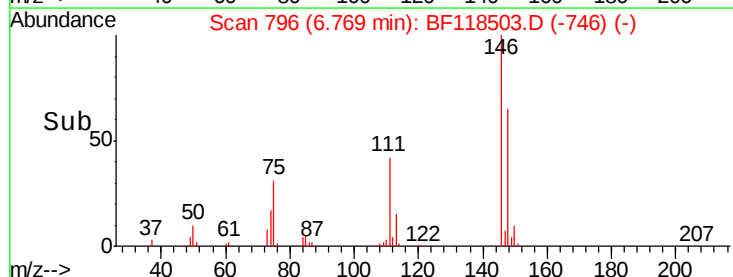
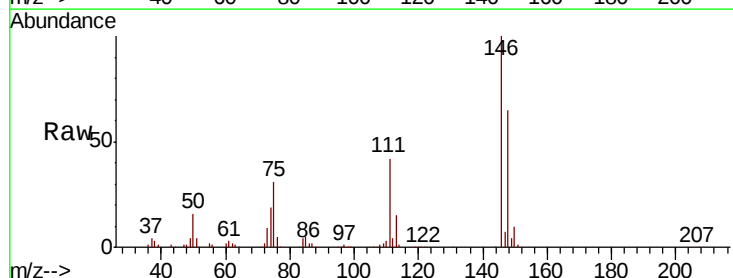
Manual Integrations
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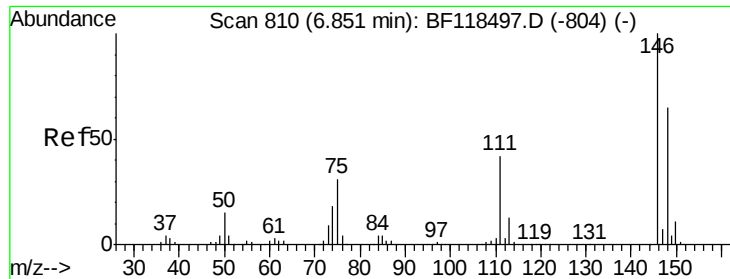
mohammad
1/9/2020 12:10:43 PM



#12
1,3-Dichlorobenzene
Concen: 40.228 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
75	31.2	24.1	36.1





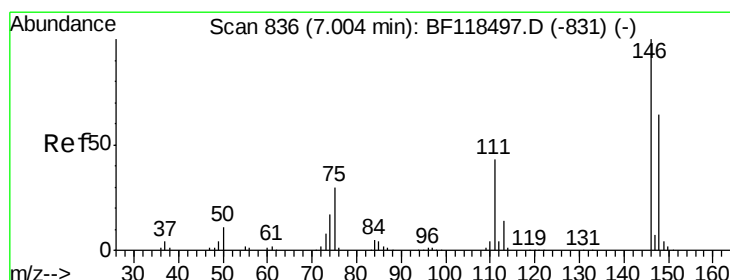
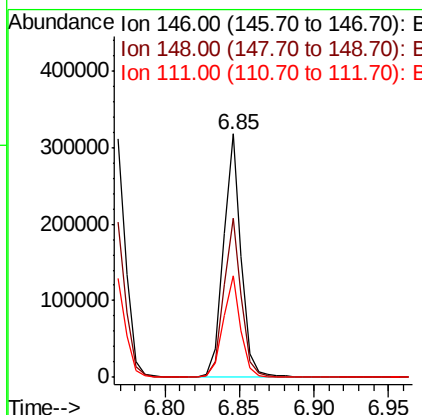
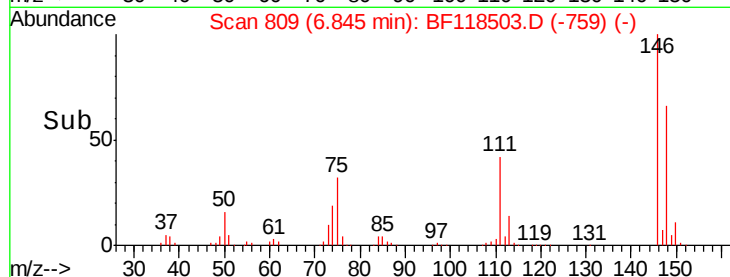
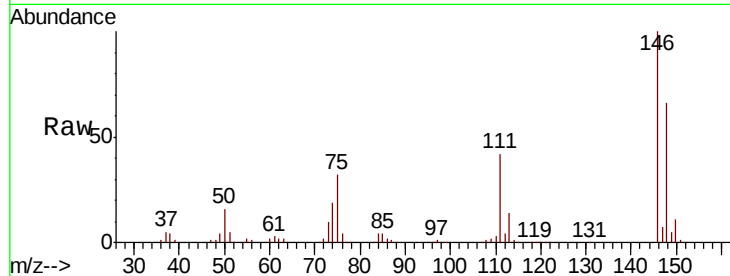
#13
 1,4-Dichlorobenzene
 Concen: 40.842 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	41.8	33.2	49.8

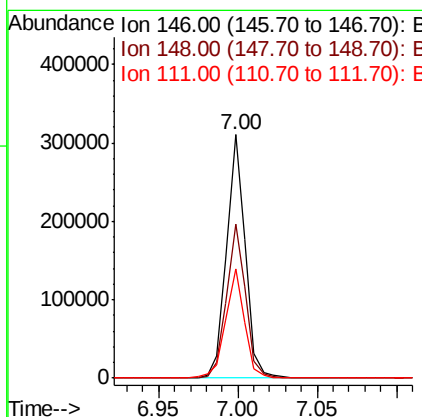
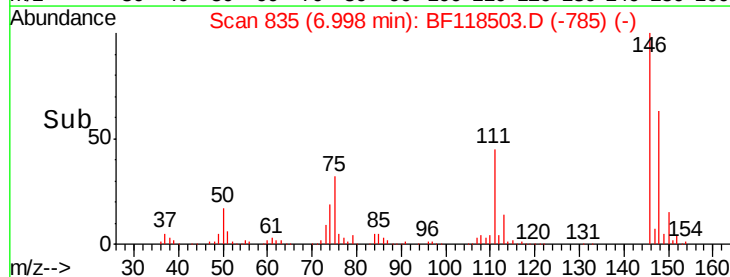
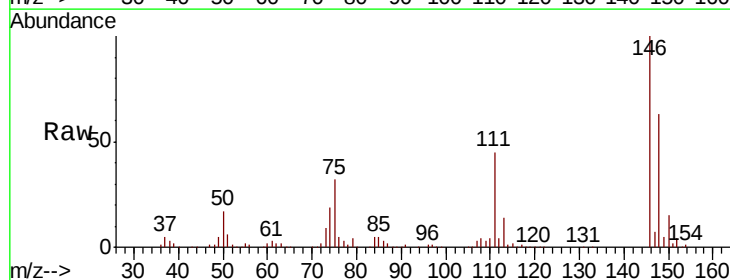
Manual Integrations
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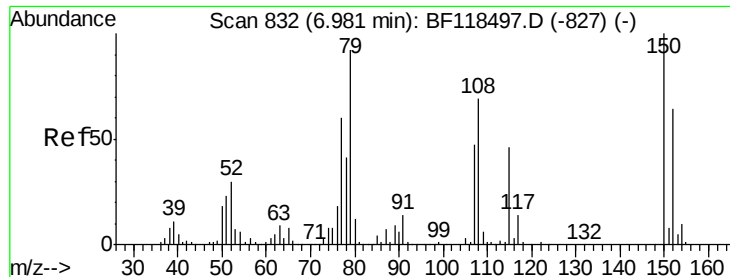
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#14
 1,2-Dichlorobenzene
 Concen: 40.256 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
111	44.9	34.7	52.1





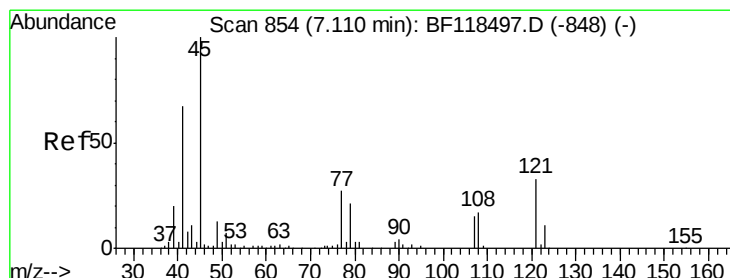
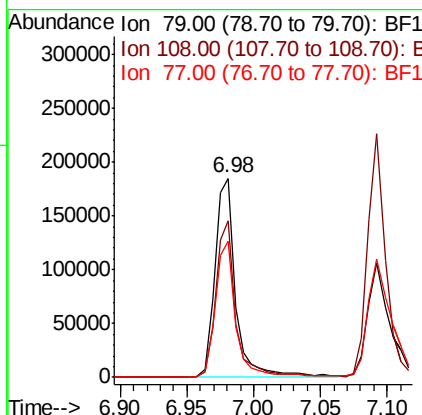
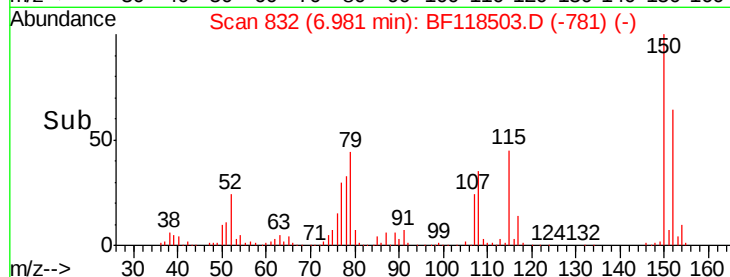
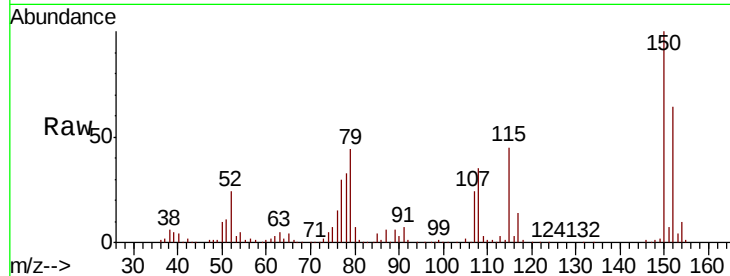
#15
Benzyl Alcohol
Concen: 42.272 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	60.2	90.2
77	68.3	51.8	77.8

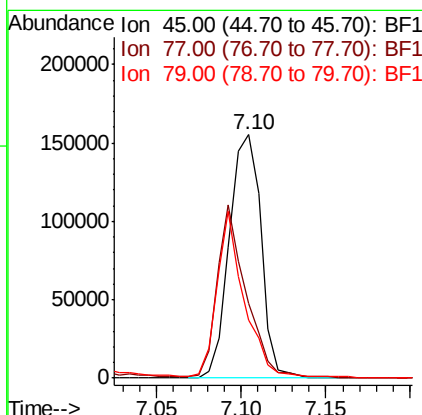
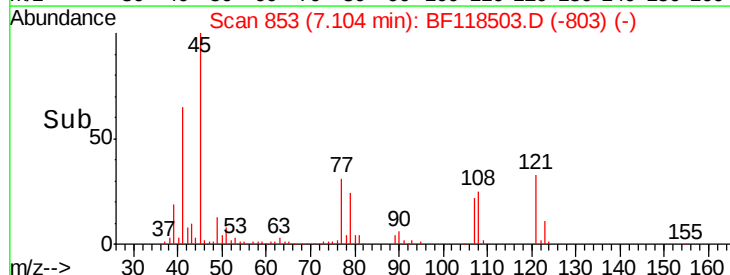
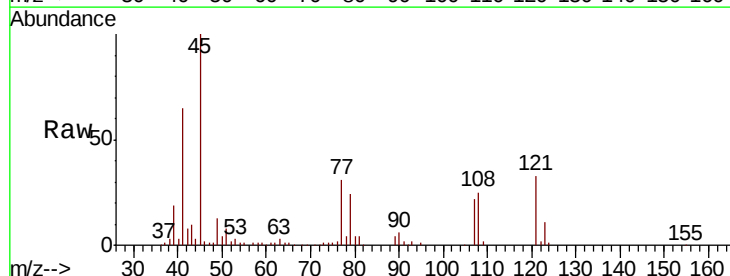
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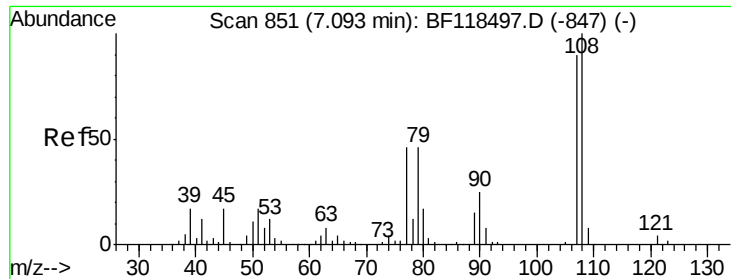
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.794 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.7	7.6	47.6
79	23.8	2.0	42.0





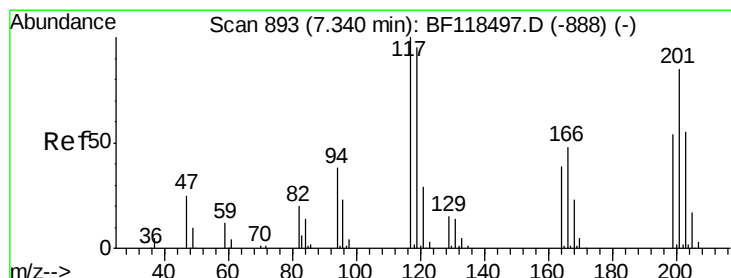
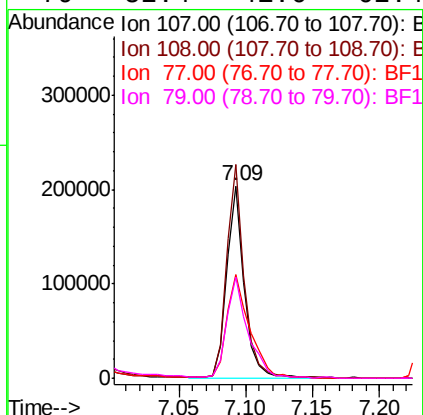
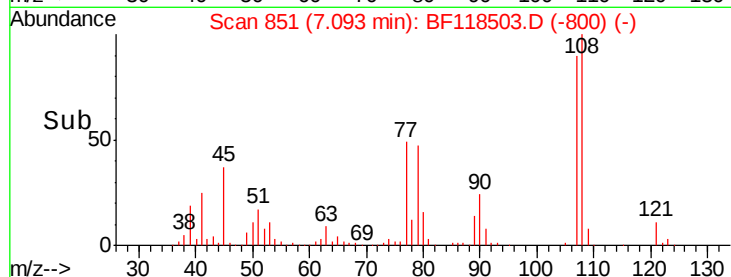
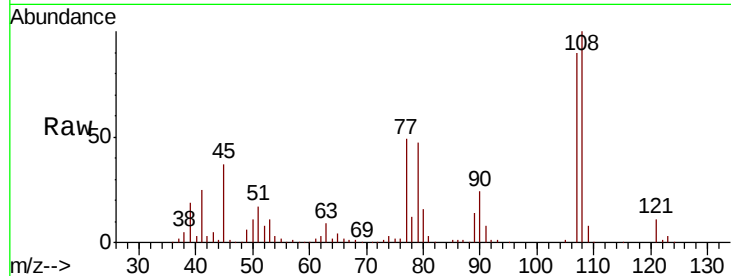
#17
2-Methylphenol
Concen: 42.303 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	88.9	133.3	
77	54.1	41.2	61.8	
79	52.4	41.6	62.4	

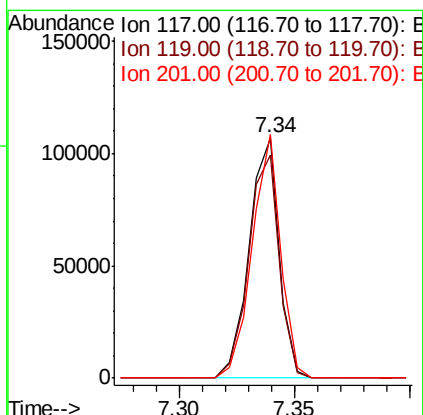
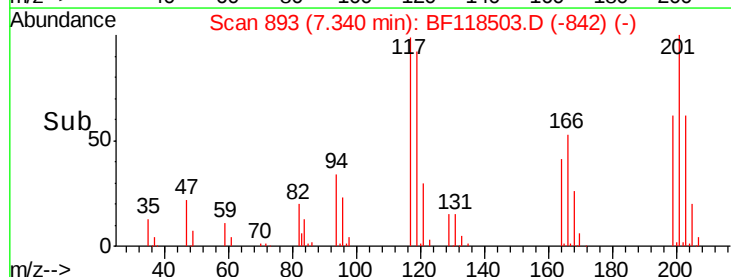
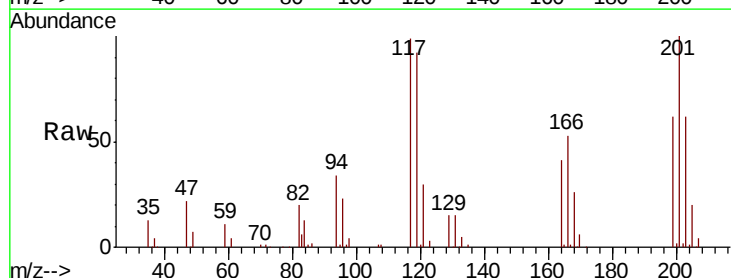
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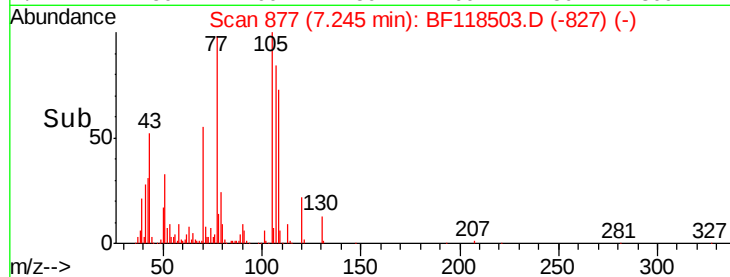
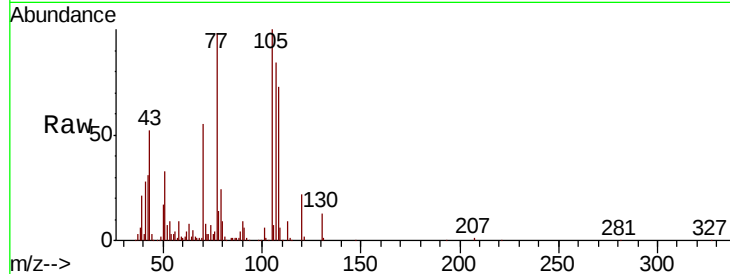
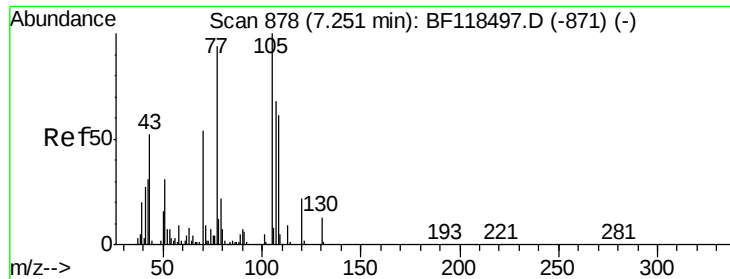
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#18
Hexachloroethane
Concen: 39.415 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	76.2	114.4	
201	101.4	67.7	101.5	





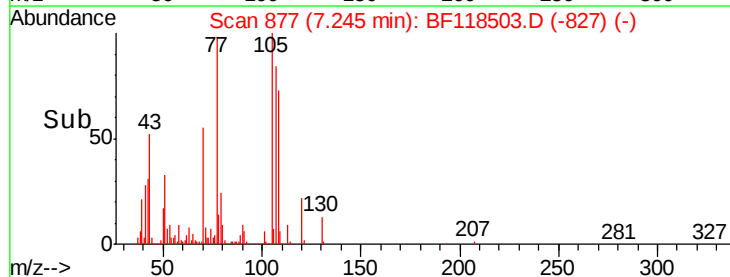
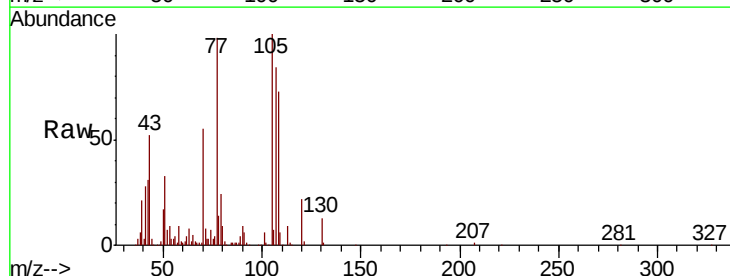
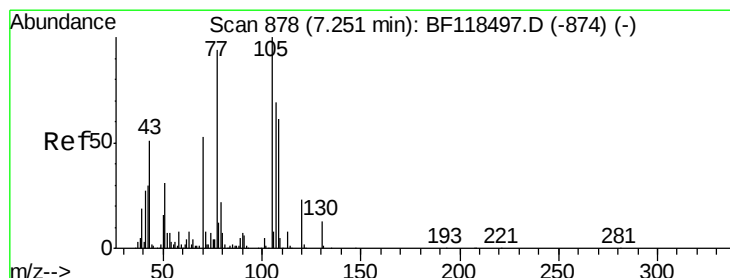
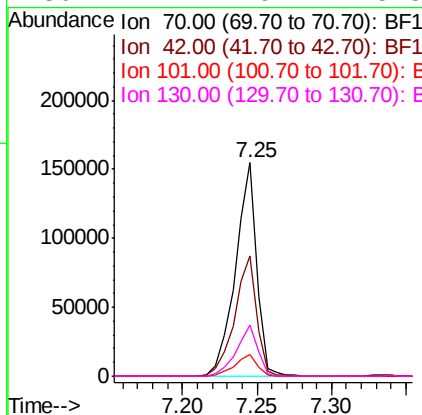
#19
n-Nitroso-di-n-propylamine
Concen: 40.238 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		154321		
42	56.6	45.6	68.4		
101	10.5	8.2	12.2		
130	24.1	19.2	28.8		

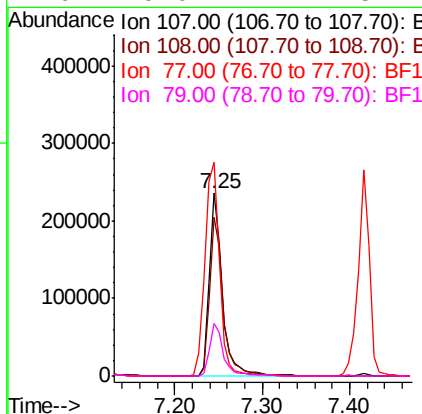
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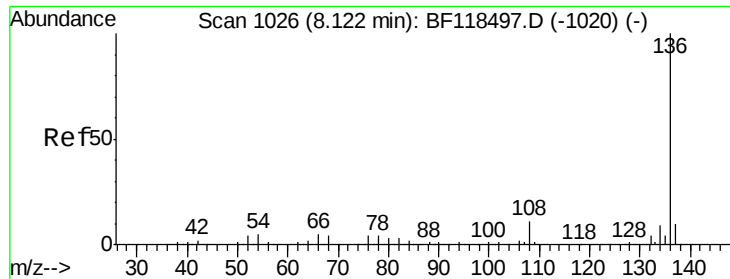
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#20
3+4-Methylphenols
Concen: 40.593 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		246426		
108	86.8	68.9	108.9		
77	117.1	116.8	156.8		
79	29.0	11.7	51.7		





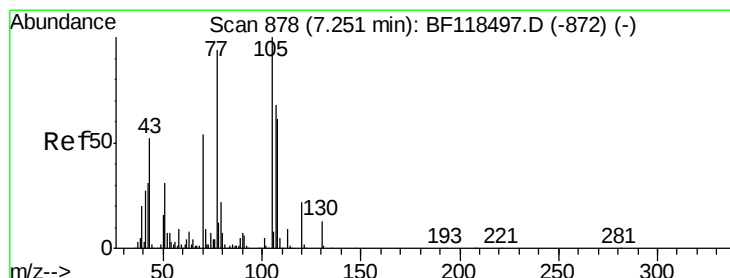
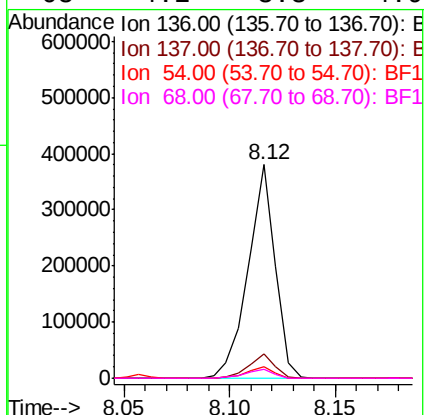
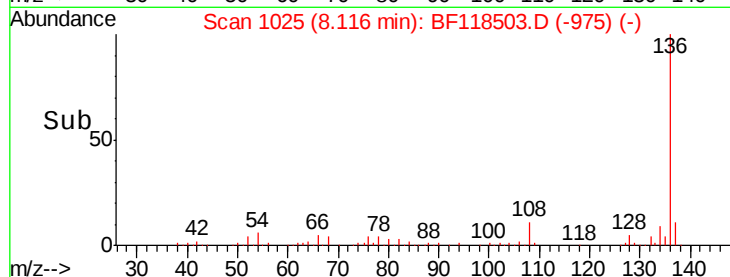
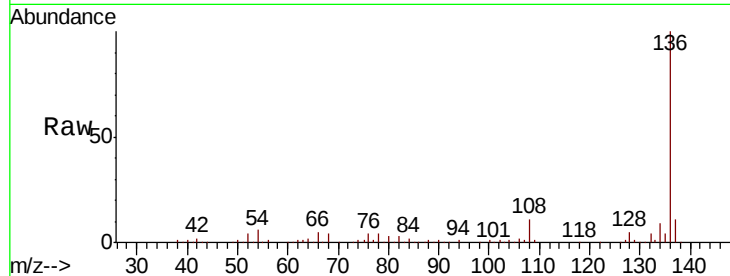
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	338640		
137	11.1	8.3	12.5	
54	5.6	4.2	6.2	
68	4.2	3.3	4.9	

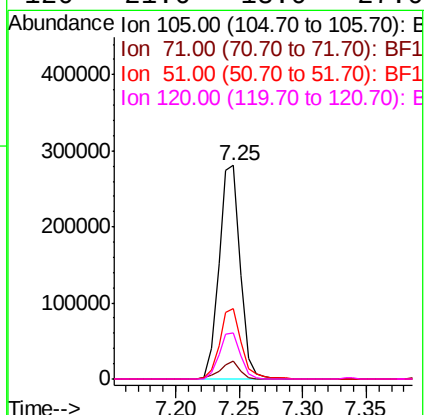
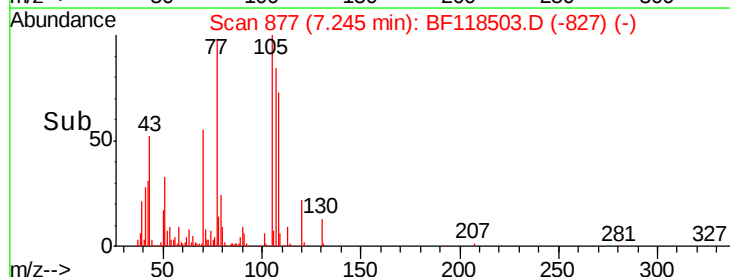
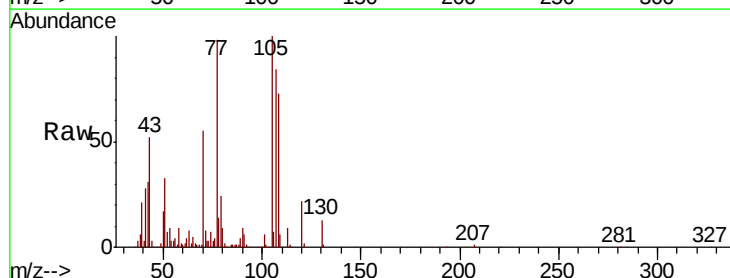
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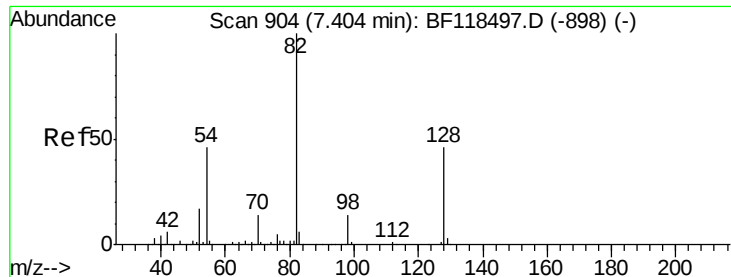
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#22
Acetophenone
Concen: 38.176 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	327695		
71	8.4	6.9	10.3	
51	33.1	25.0	37.4	
120	21.6	18.0	27.0	





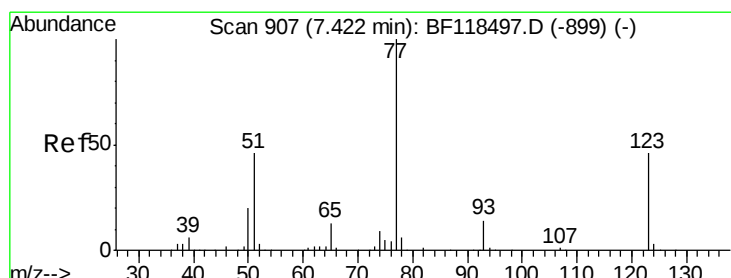
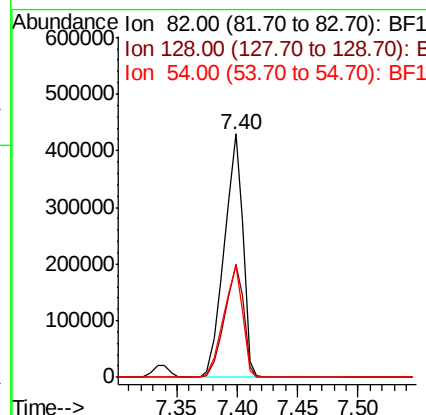
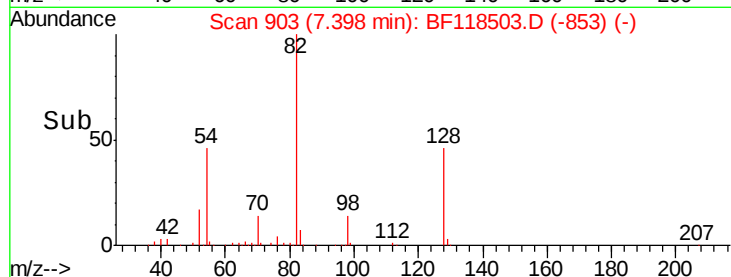
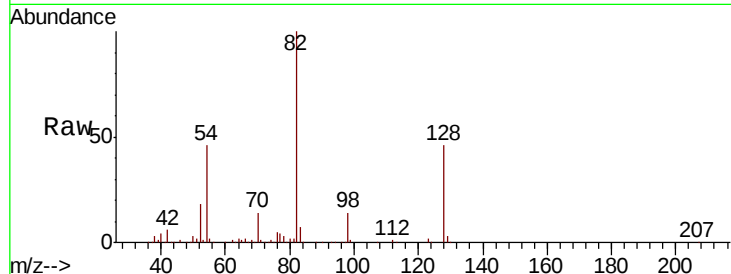
#23
 Nitrobenzene-d5
 Concen: 71.053 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.6	54.8
54	46.1	37.0	55.6

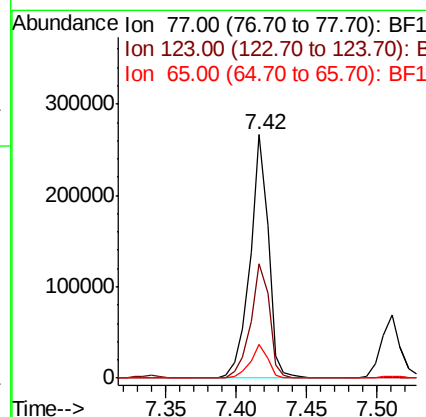
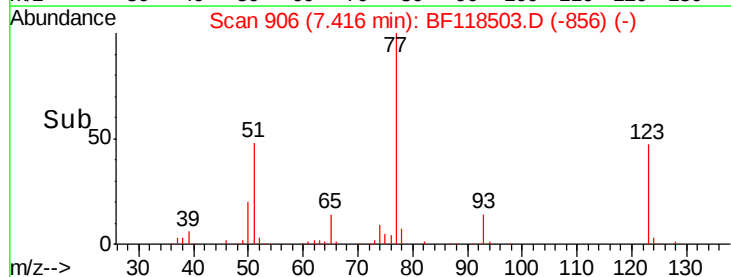
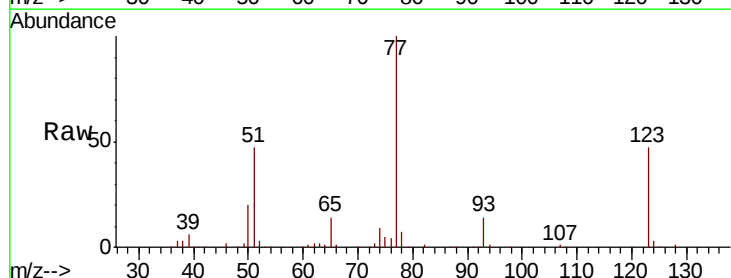
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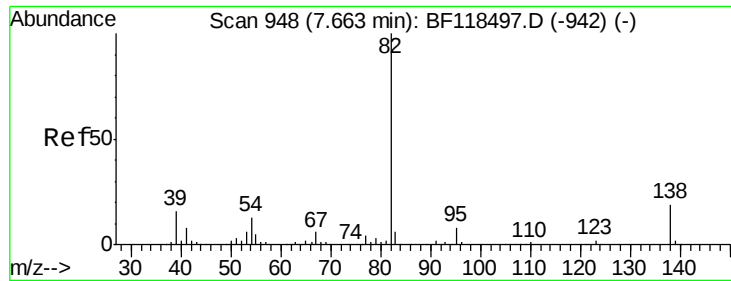
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#24
 Nitrobenzene
 Concen: 37.770 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.0	55.4
65	13.7	10.7	16.1





#25

Isophorone

Concen: 40.377 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

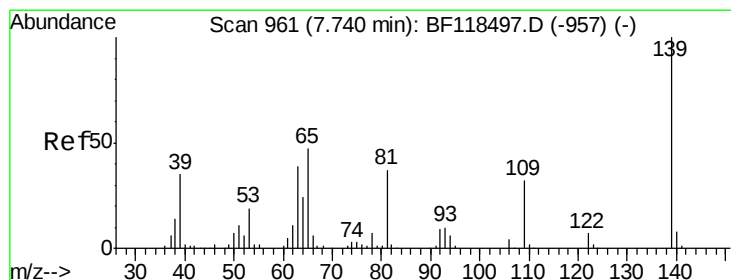
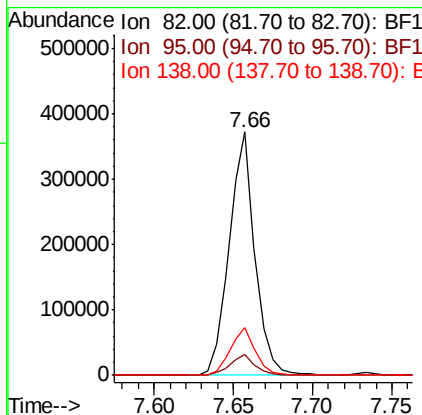
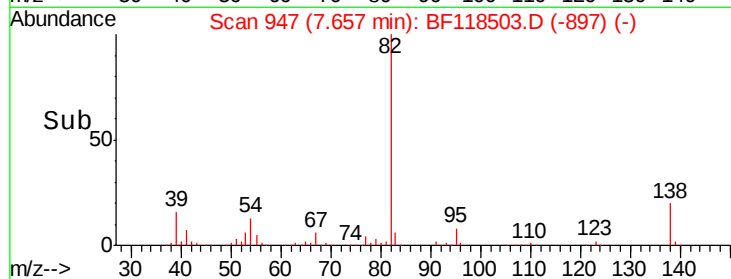
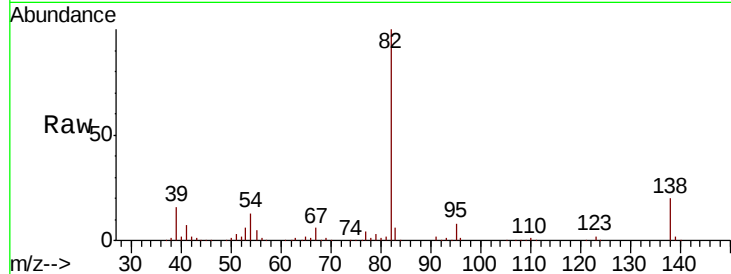
ClientSampleId :

PB125777BS

Tot Ion:	82	Resp:	416985
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.6	9.8
138	19.6	15.4	23.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.362 ng

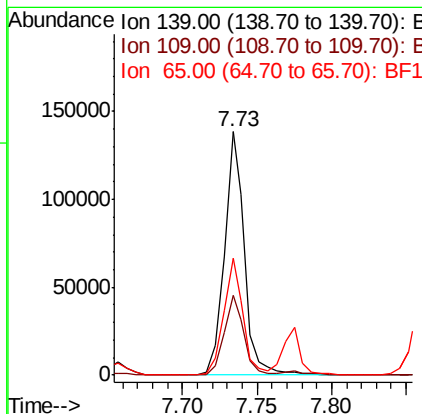
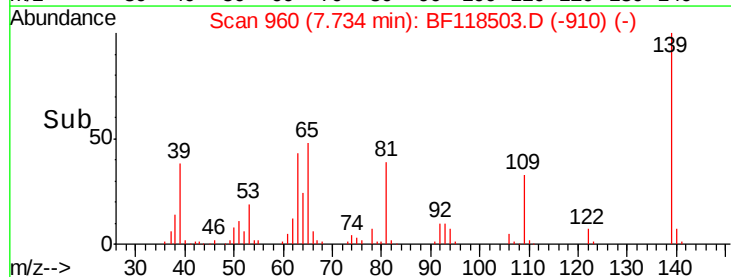
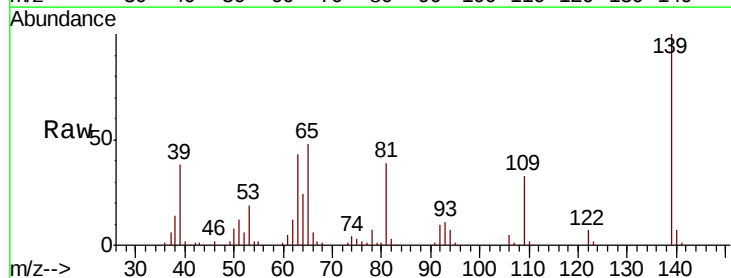
RT: 7.73 min Scan# 960

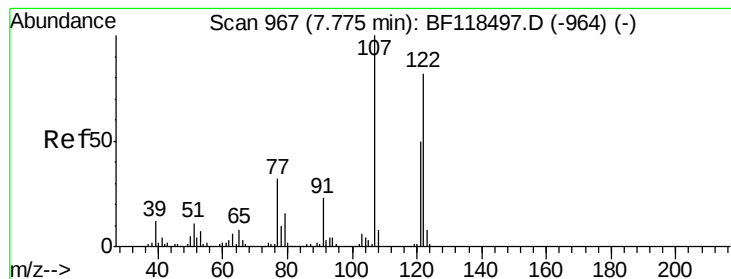
Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion:	139	Resp:	130904
Ion Ratio	Lower	Upper	
139	100		
109	32.8	25.7	38.5
65	48.2	37.8	56.6





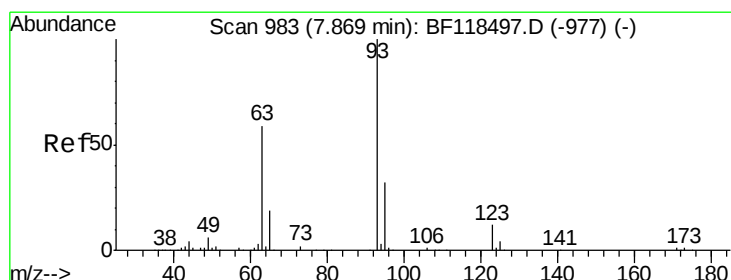
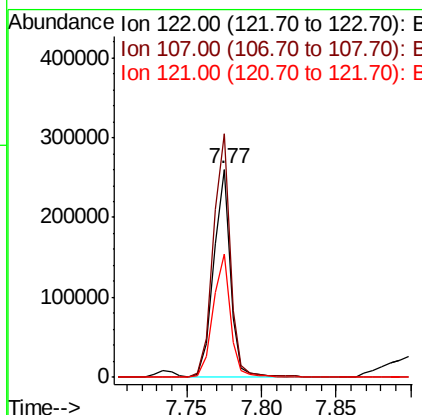
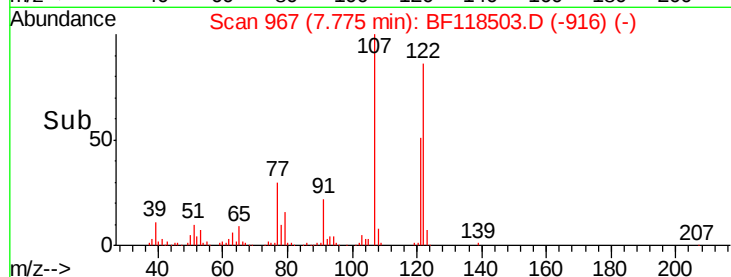
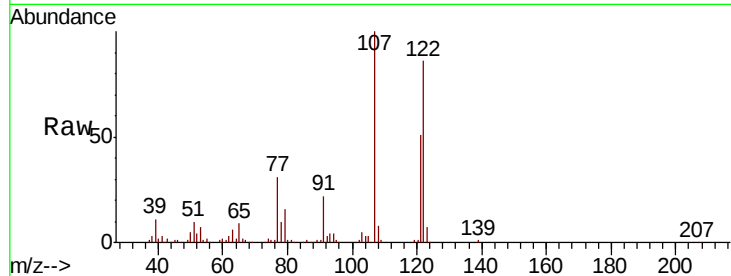
#27
2,4-Dimethylphenol
Concen: 47.598 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	97.9	146.9
121	59.4	49.0	73.4

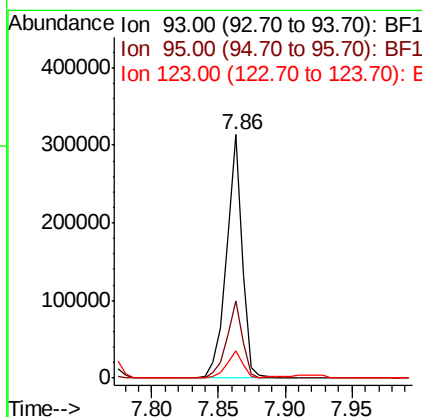
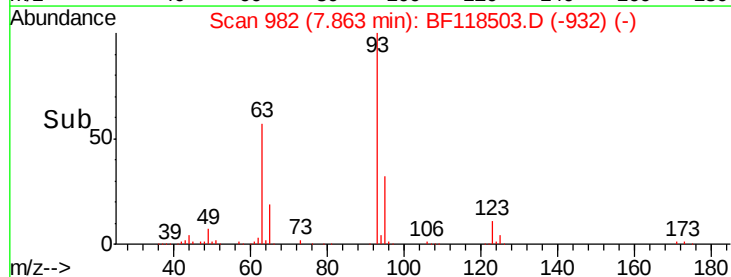
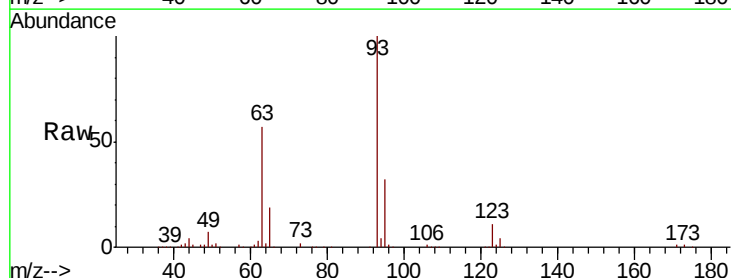
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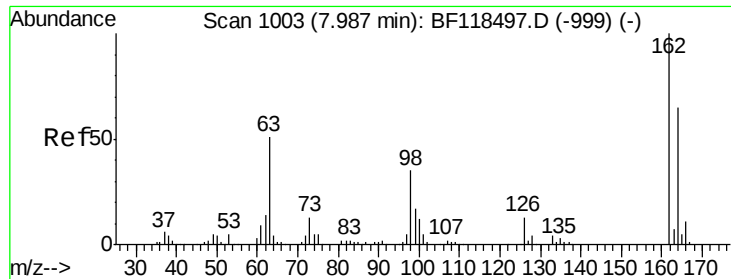
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.632 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.9	38.9
123	11.2	9.7	14.5





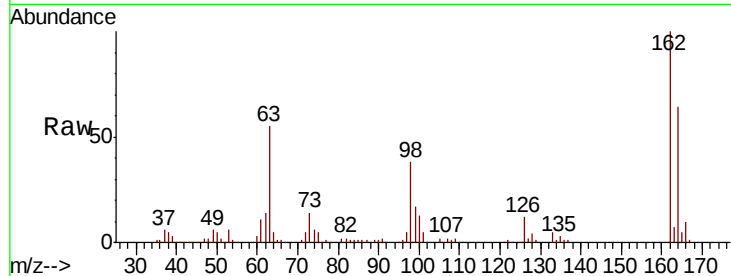
#29
2,4-Dichlorophenol
Concen: 40.126 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleID :
PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	199403		
164	64.0		44.8	84.8
98	37.9		15.1	55.1

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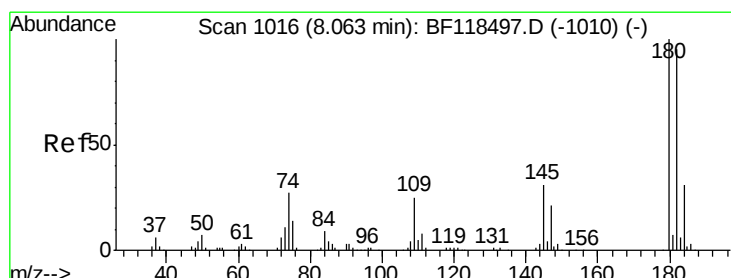
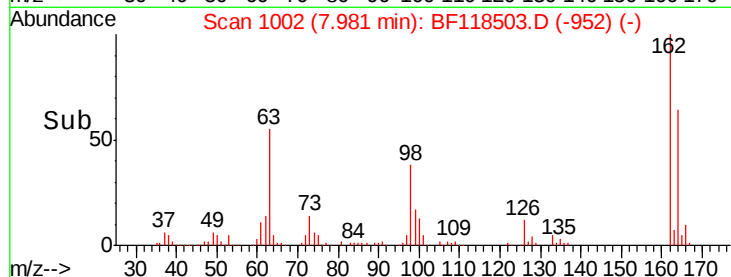
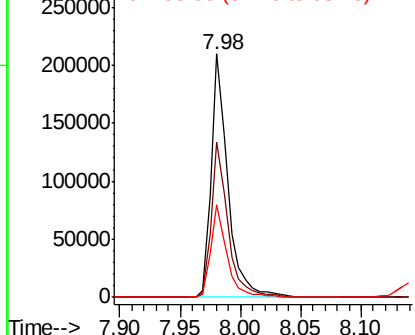


Abundance

Ion 162.00 (161.70 to 162.70): E

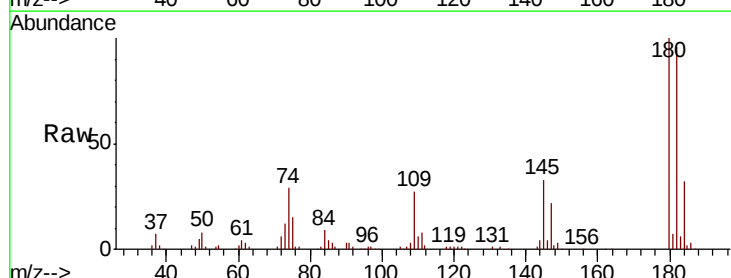
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.272 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	220900		
182	95.8		75.8	113.6
145	33.4		25.0	37.6

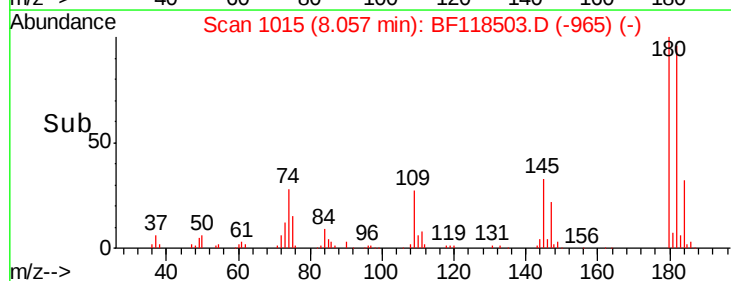
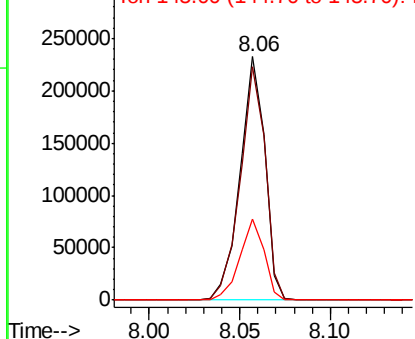


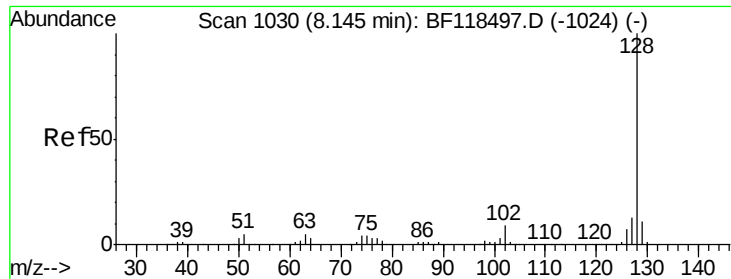
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





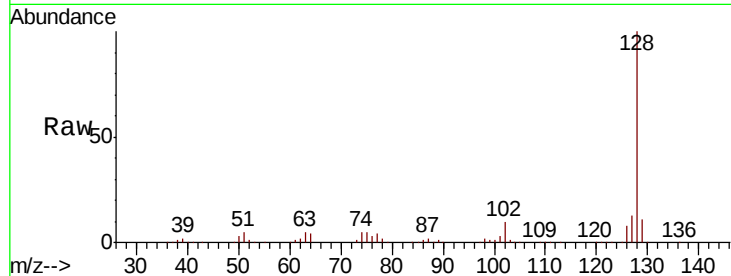
#31
Naphthalene
Concen: 40.391 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.2	10.7	16.1

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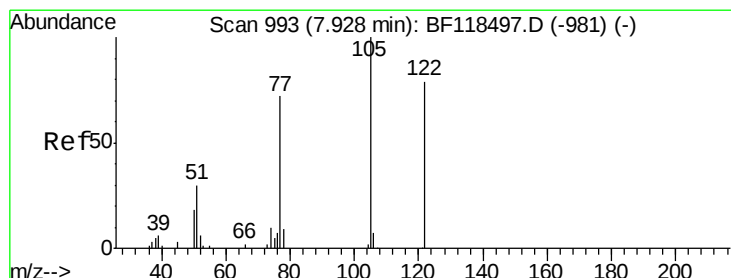
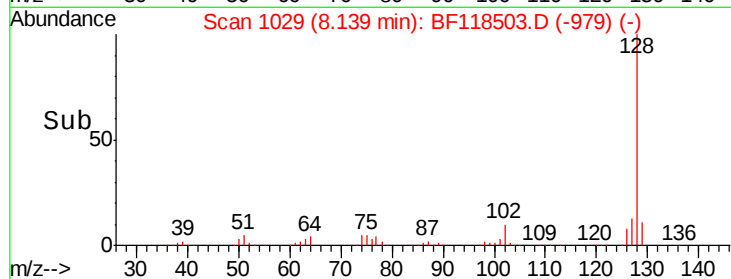
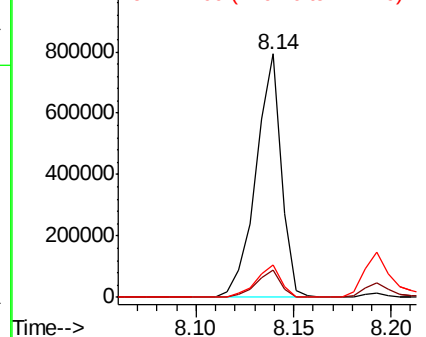


Abundance

Ion 128.00 (127.70 to 128.70): E

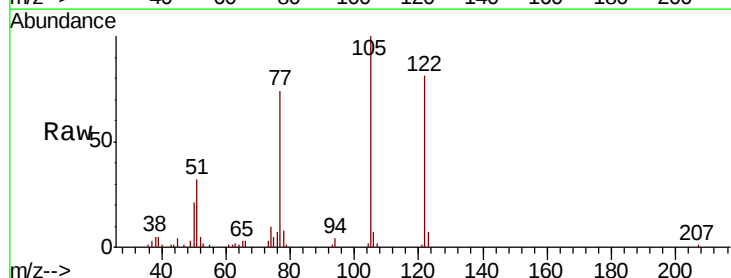
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.483 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	105.7	145.7
77	90.4	71.0	111.0

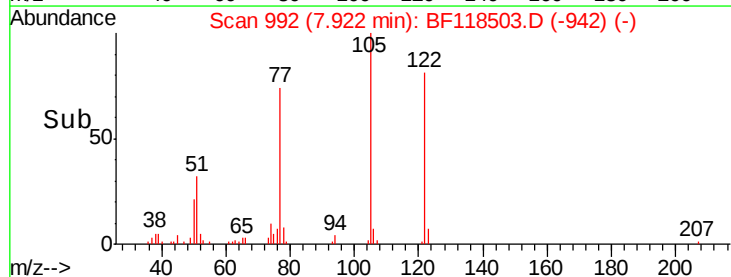
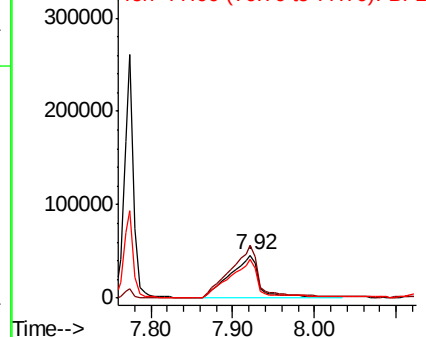


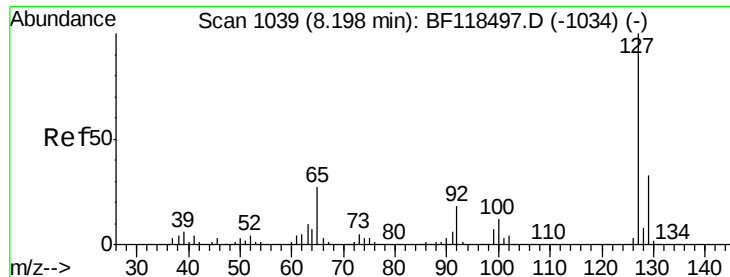
Abundance

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





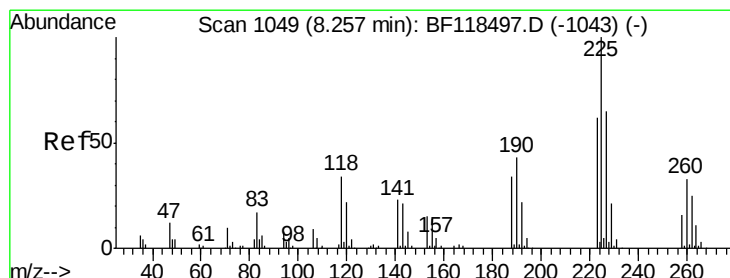
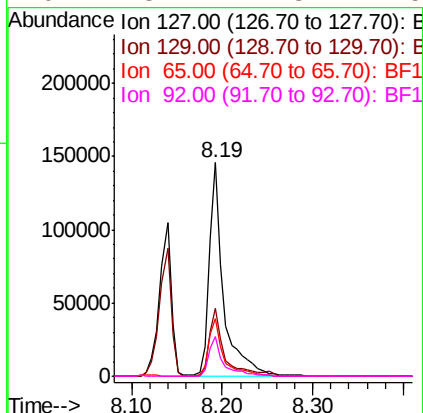
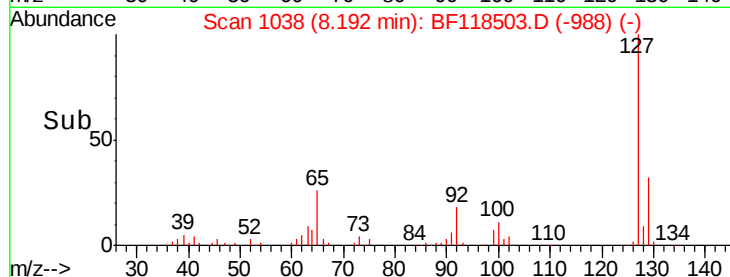
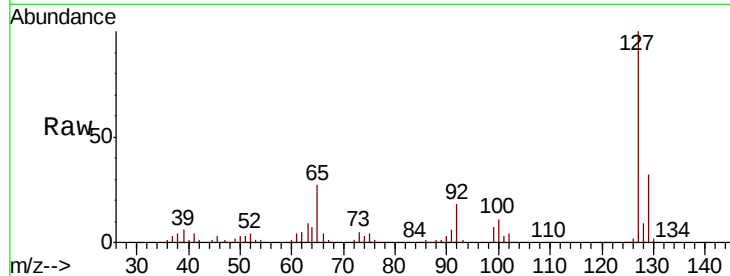
#33
4-Chloroaniline
Concen: 22.562 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	26.2	39.4	
65	27.0	21.6	32.4	
92	18.4	14.3	21.5	

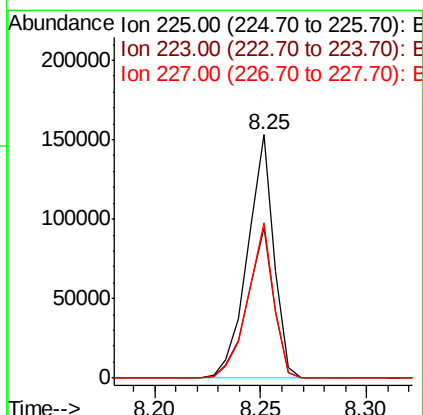
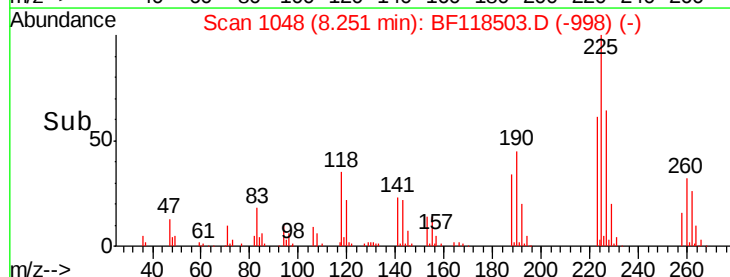
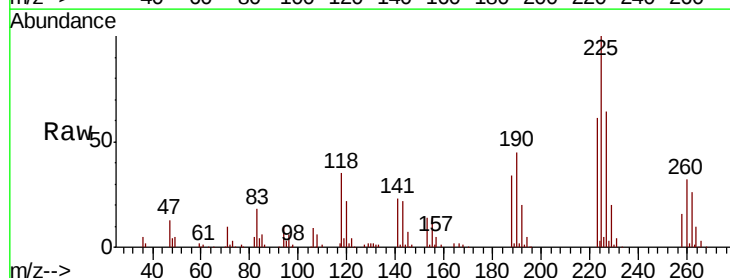
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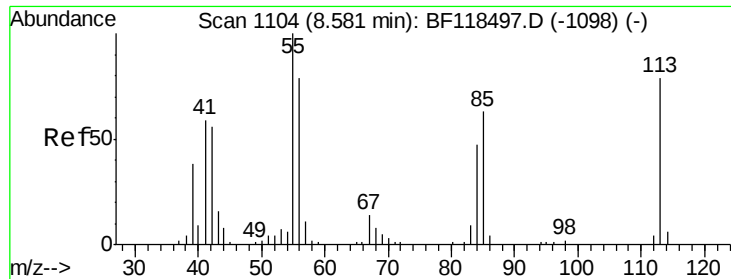
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#34
Hexachlorobutadiene
Concen: 37.449 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	49.9	74.9	
227	63.9	51.8	77.6	





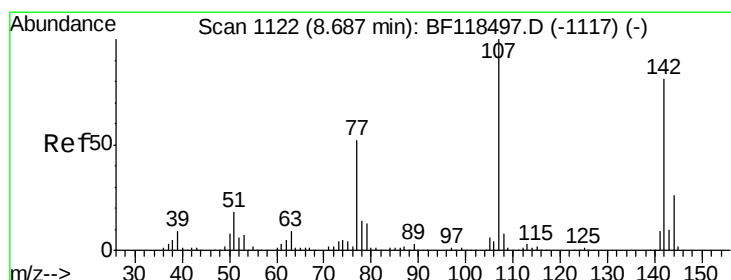
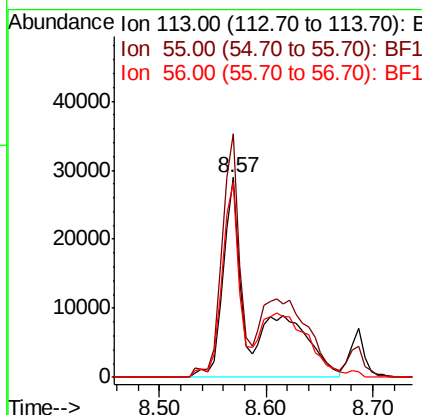
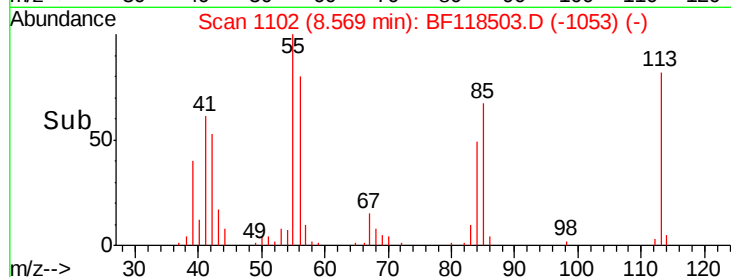
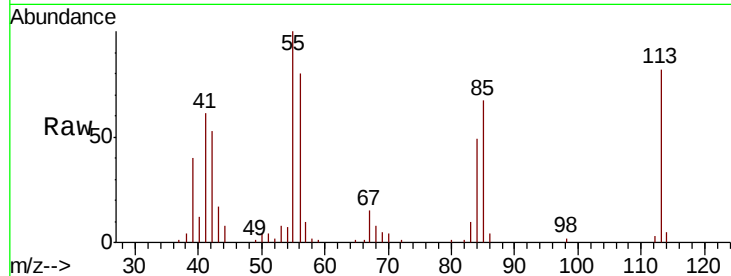
#35
Caprolactam
Concen: 39.173 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	122.0	106.5	146.5
56	98.0	80.1	120.1

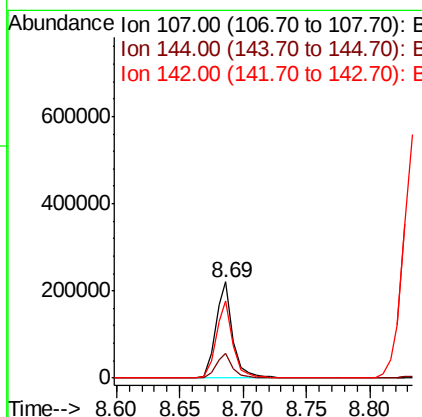
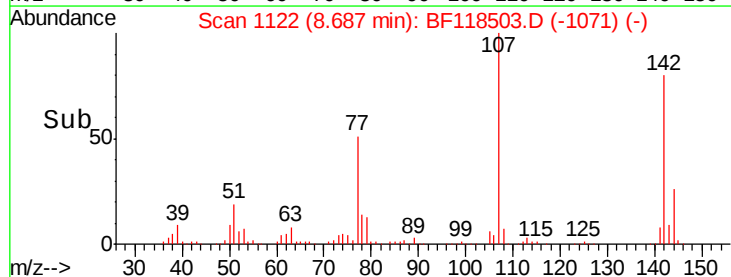
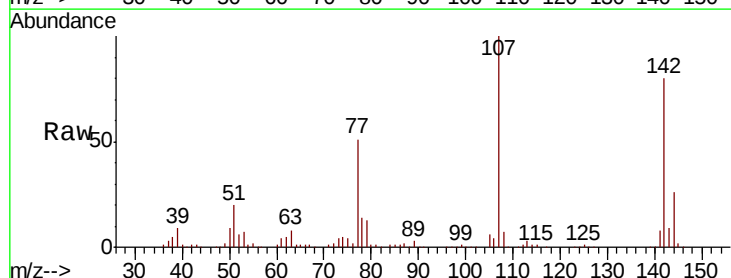
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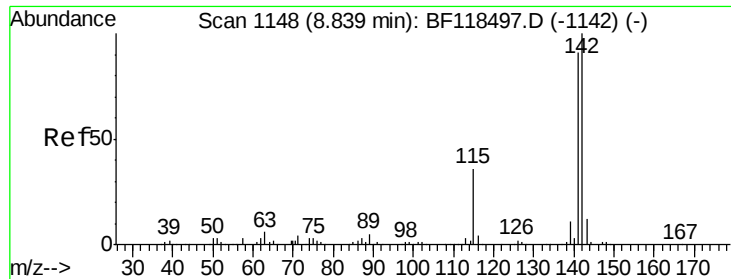
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#36
4-Chloro-3-methylphenol
Concen: 38.933 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.6	31.0
142	79.7	65.0	97.4





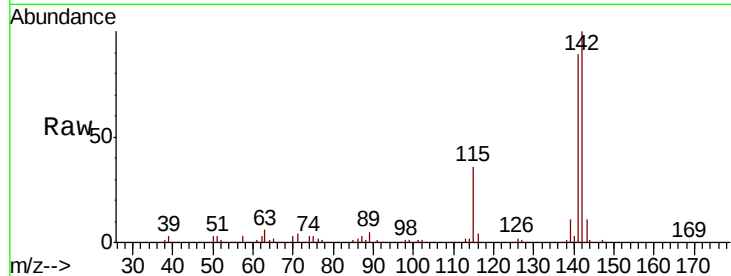
#37
2-Methylnaphthalene
Concen: 38.528 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.0	109.6
115	36.2	28.4	42.6

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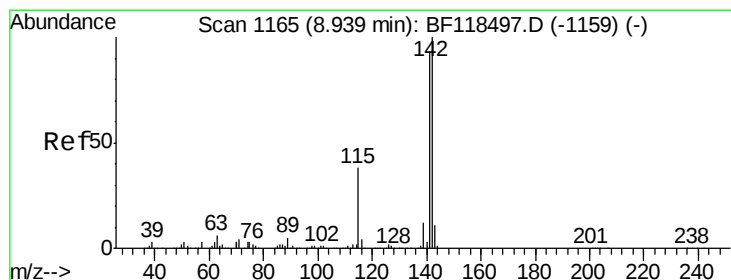
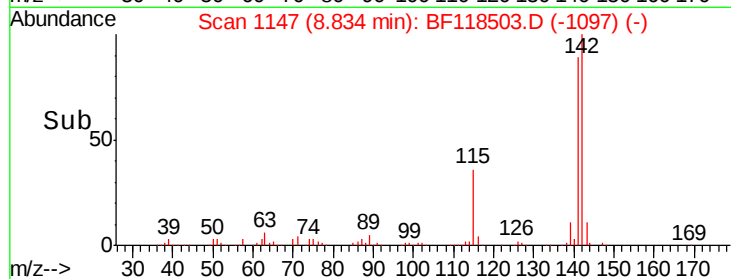
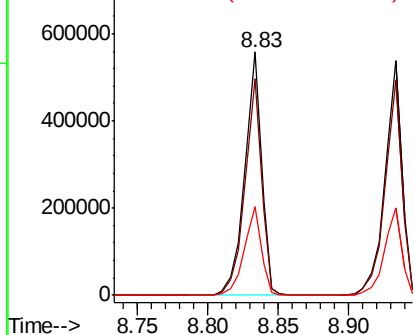


Abundance

Ion 142.00 (141.70 to 142.70): E

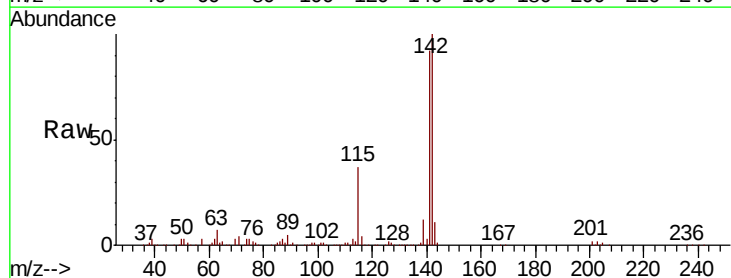
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.344 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.3	111.5
116	4.0	3.2	4.8

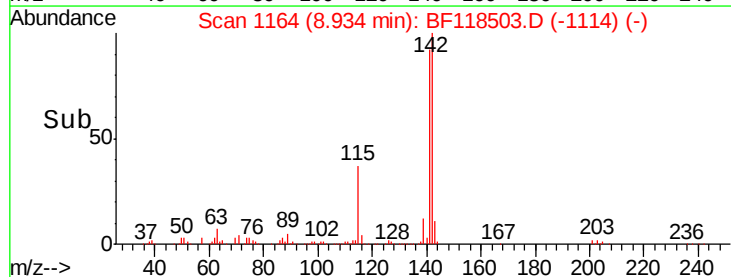
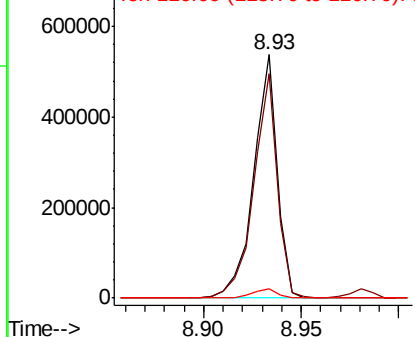


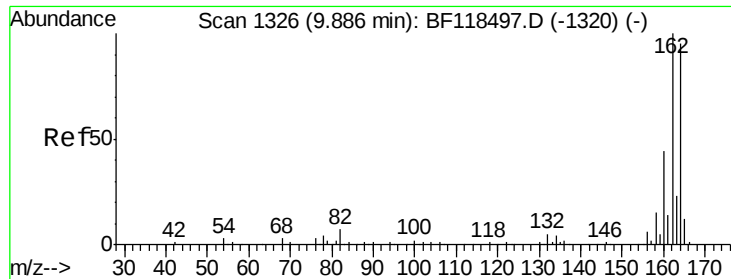
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





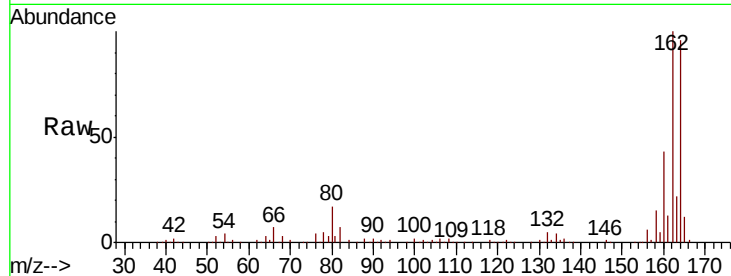
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	84.2	126.4	
160	44.8	36.8	55.2	

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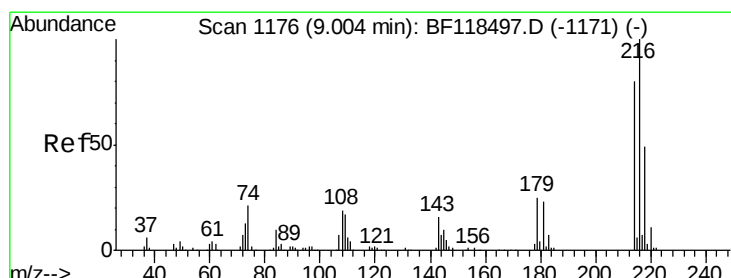
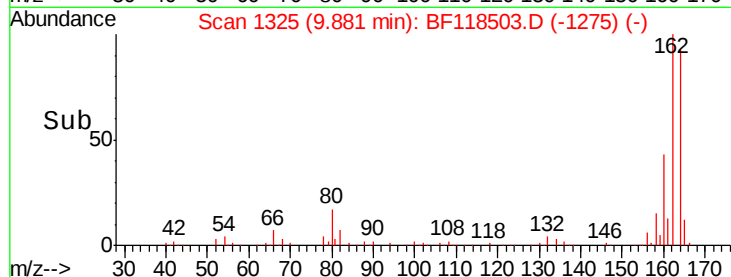
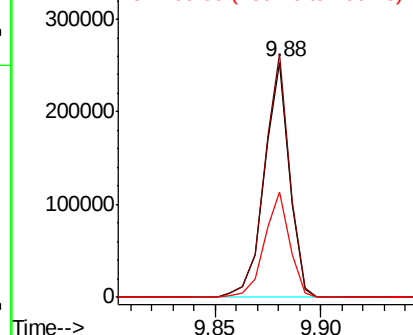


Abundance

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: 32.152 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.0	62.4	93.6	
179	23.6	18.7	28.1	
108	20.4	15.3	22.9	

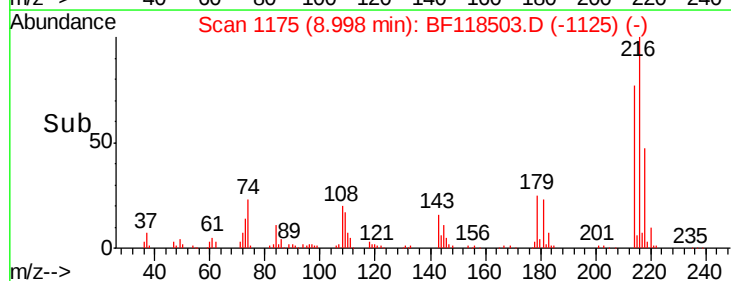
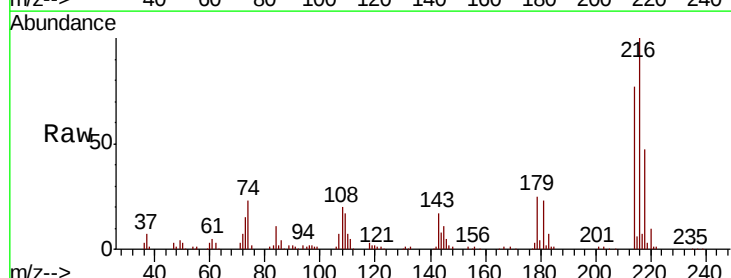
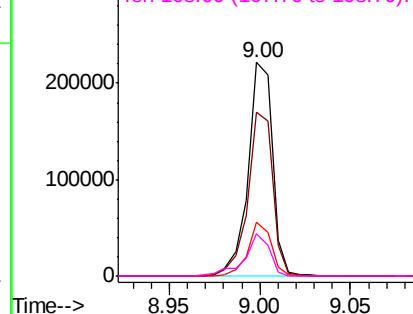
Abundance

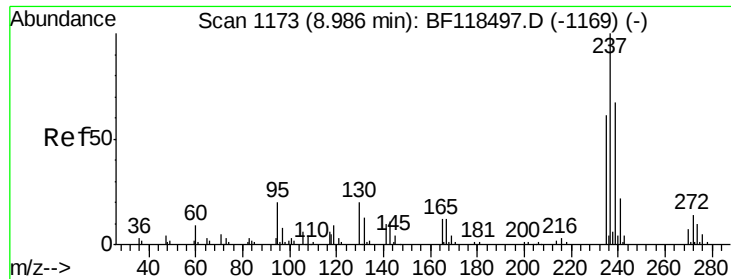
Ion 216.00 (215.70 to 216.70): E

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: 74.533 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

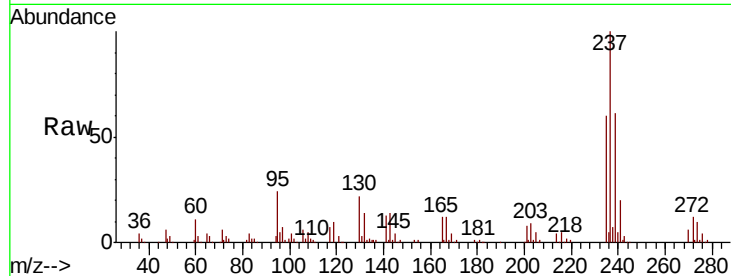
ClientSampleId :

PB125777BS

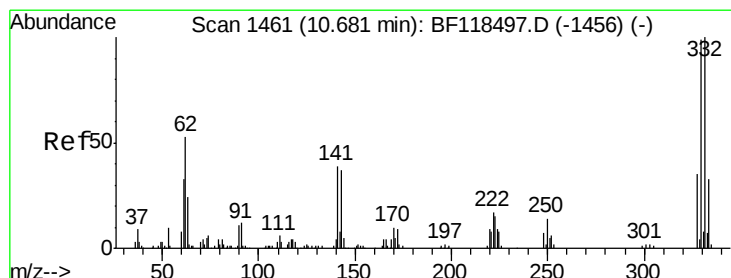
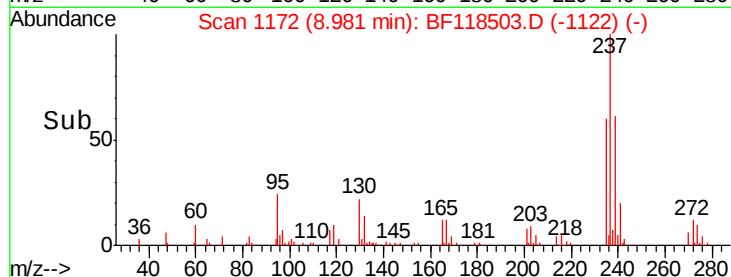
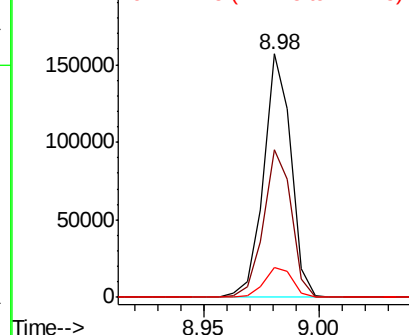
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.5		40.8	80.8	
272	12.3		0.0	34.2	

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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: 106.300 ng

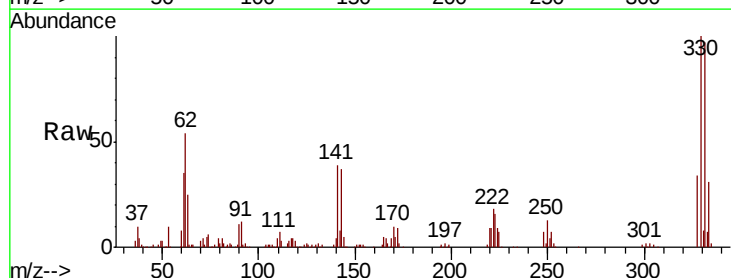
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

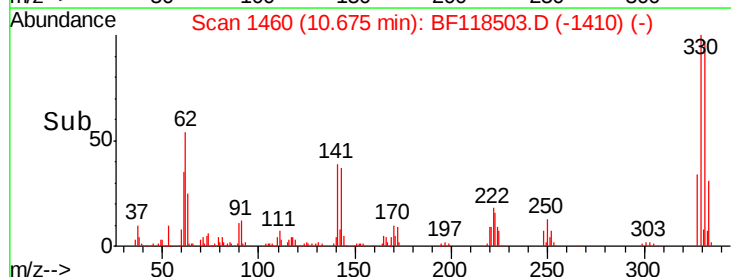
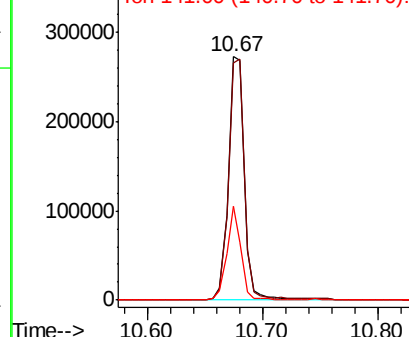
Lab File: BF118503.D

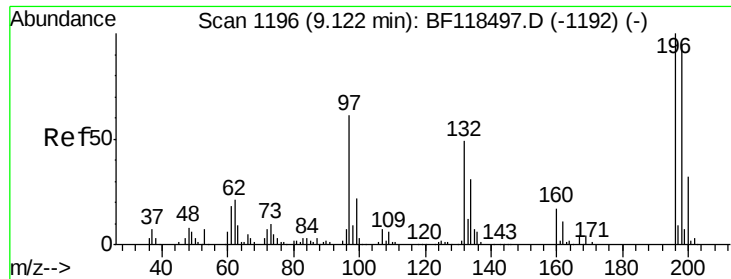
Acq: 8 Jan 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	99.5		77.9	116.9	
141	33.7		28.6	43.0	



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





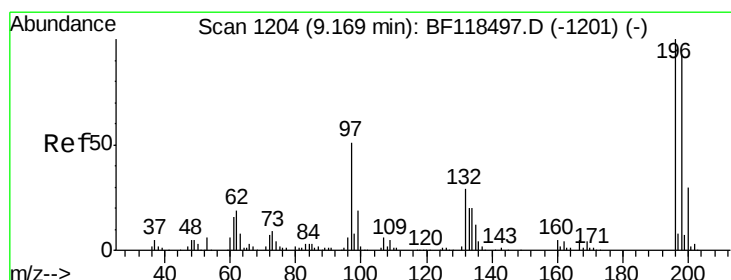
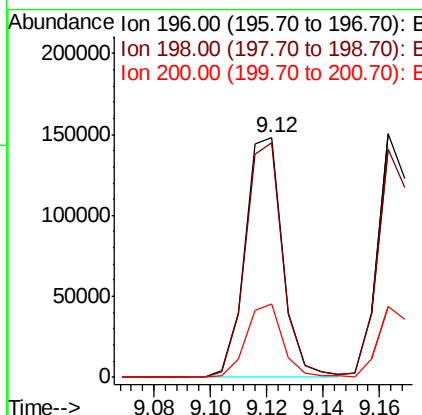
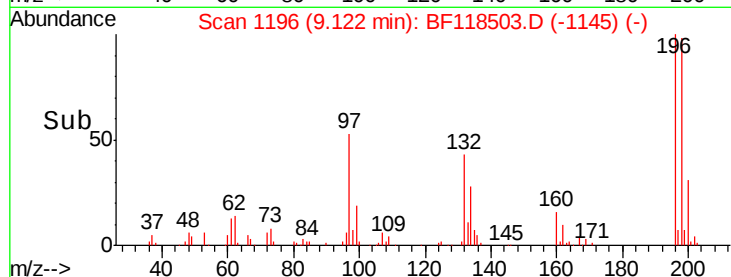
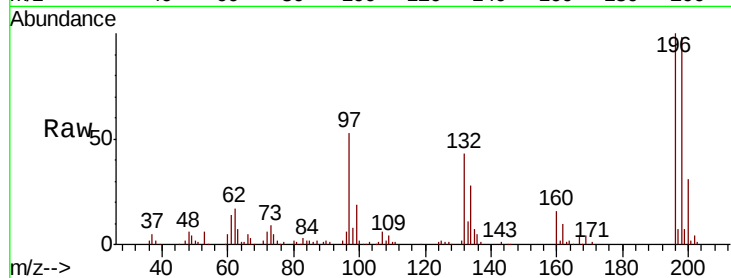
#43
 2,4,6-Trichlorophenol
 Concen: 34.379 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampled :
 PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	137153		
198	97.8	76.2	114.4	
200	30.8	25.2	37.8	

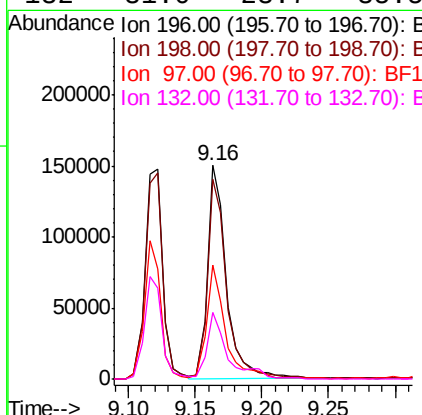
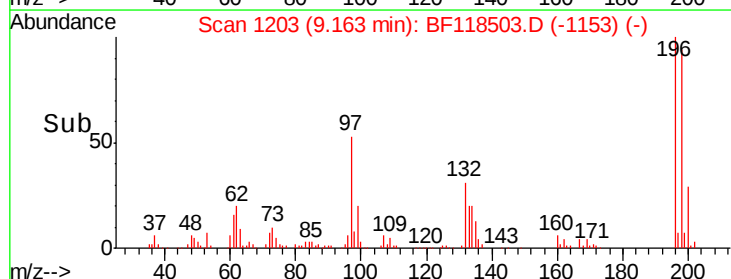
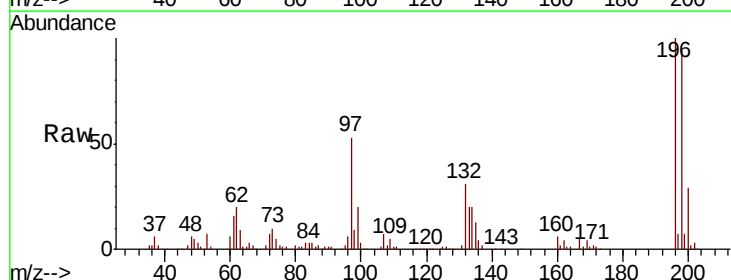
Manual Integrations
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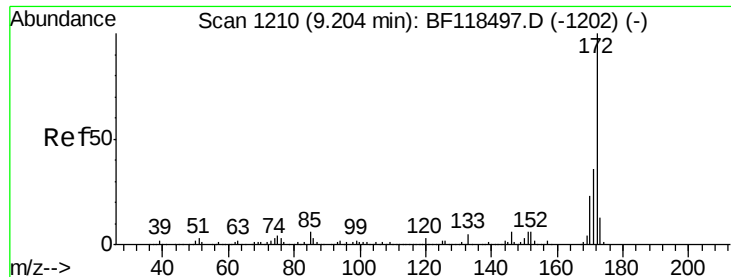
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.031 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148750		
198	93.6	74.7	112.1	
97	53.5	40.7	61.1	
132	31.0	23.7	35.5	





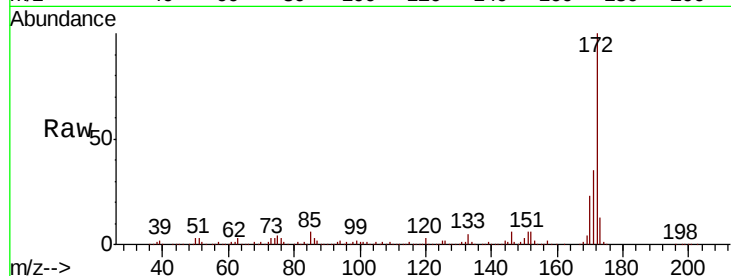
#45
2-Fluorobiphenyl
Concen: 67.547 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

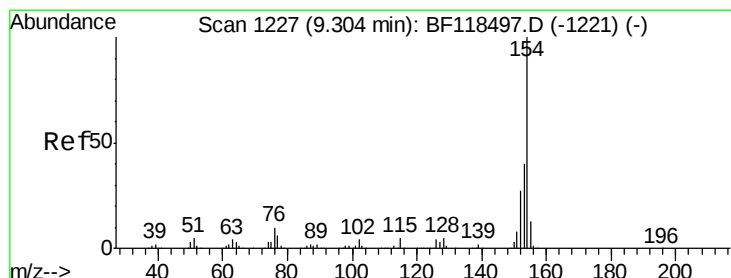
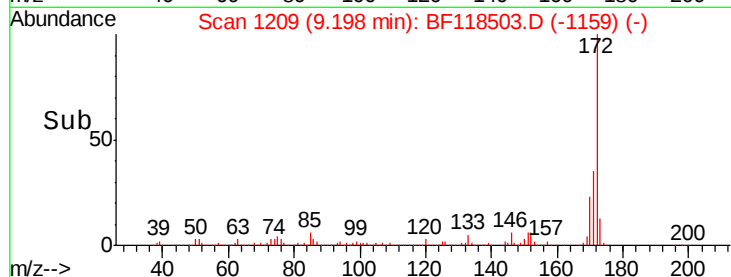
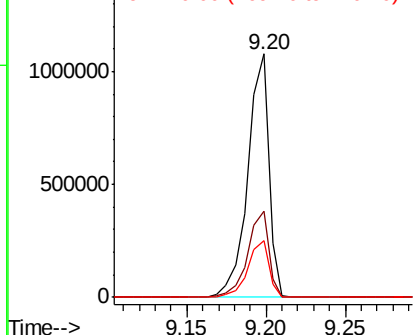
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	28.6	42.8	
170	23.2	18.6	27.8	

Manual Integrations
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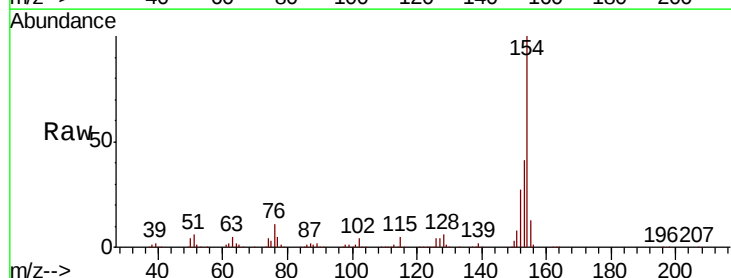


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

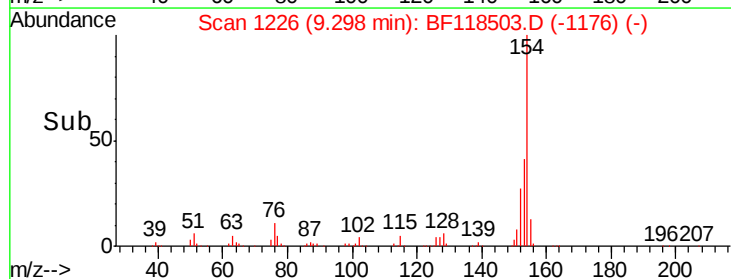
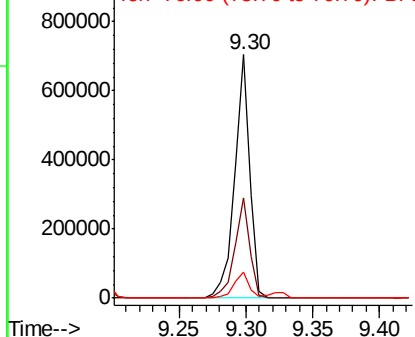


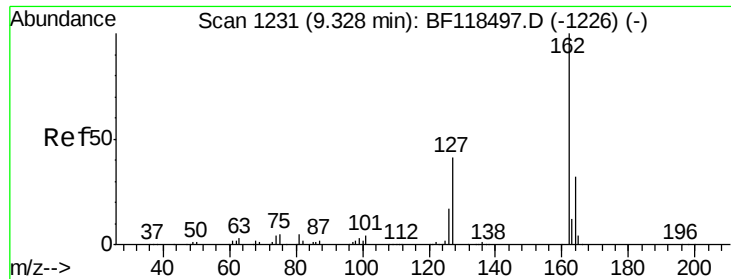
#46
1,1'-Biphenyl
Concen: 32.925 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	20.2	60.2	
76	10.8	0.0	30.4	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





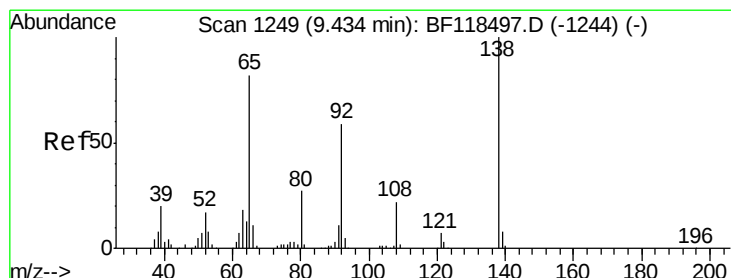
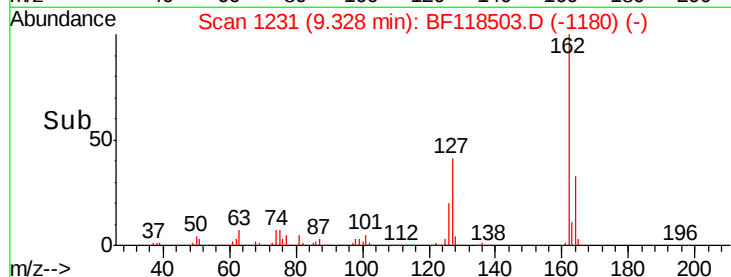
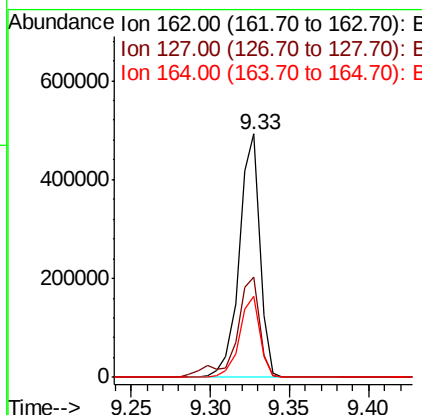
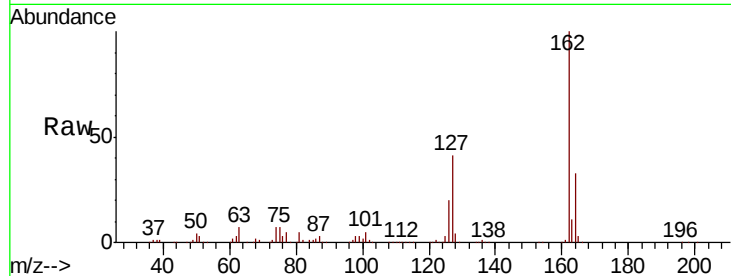
#47
 2-Chloronaphthalene
 Concen: 32.594 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.3	35.5	53.3		
164	33.2	25.8	38.8		

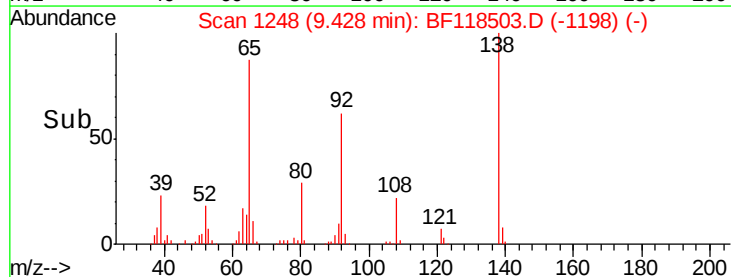
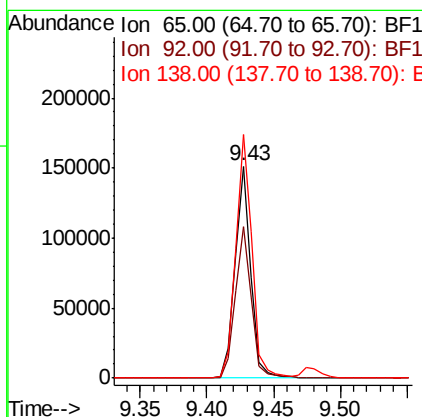
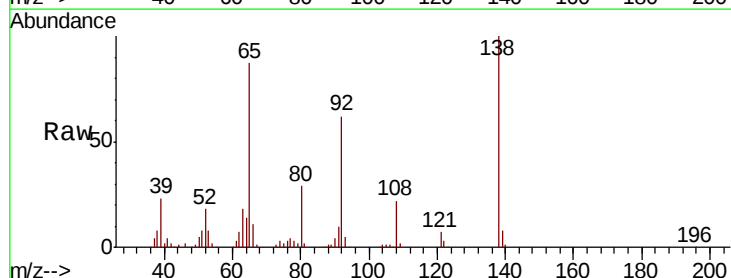
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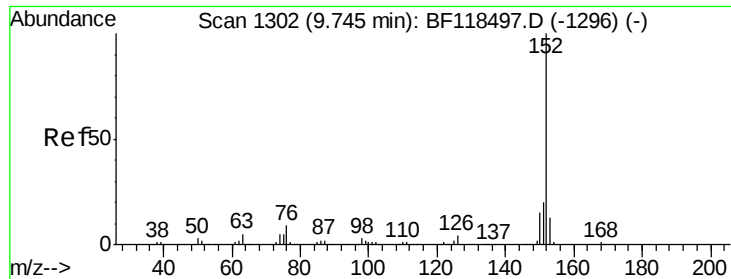
mohammad
 1/9/2020 12:10:43 PM



#48
 2-Nitroaniline
 Concen: 32.171 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.3	57.7	86.5		
138	114.8	97.2	145.8		





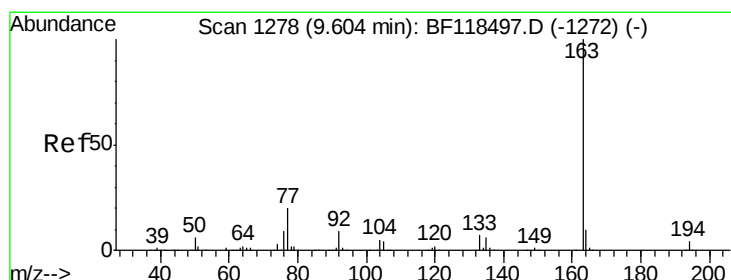
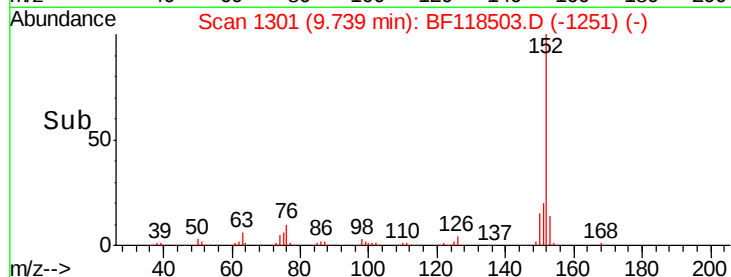
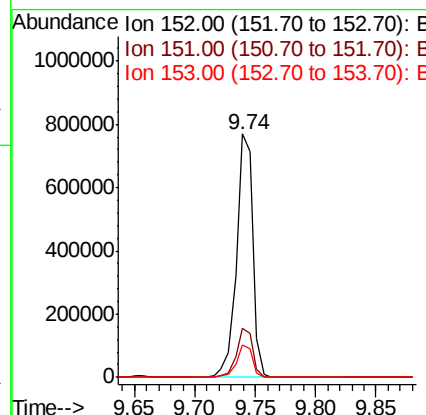
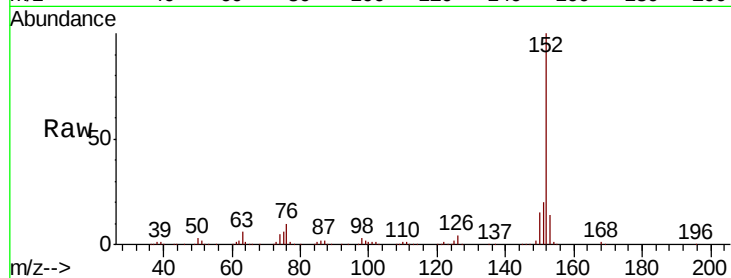
#49
Acenaphthylene
Concen: 35.771 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.6	10.6	16.0

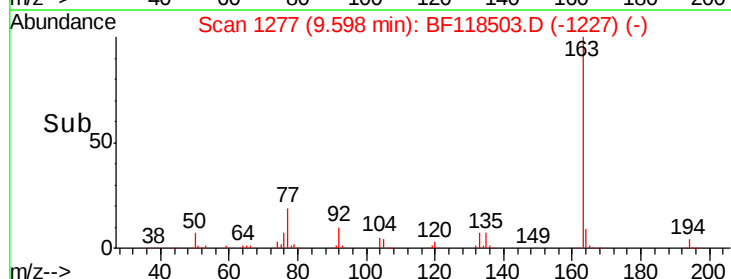
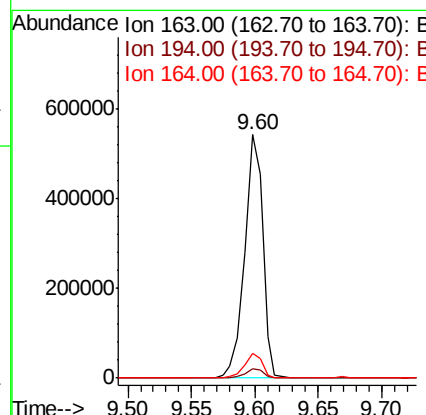
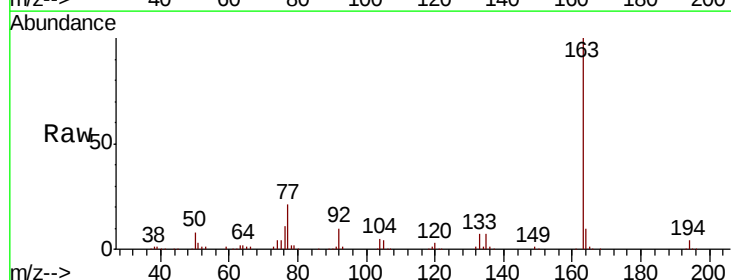
Manual Integrations
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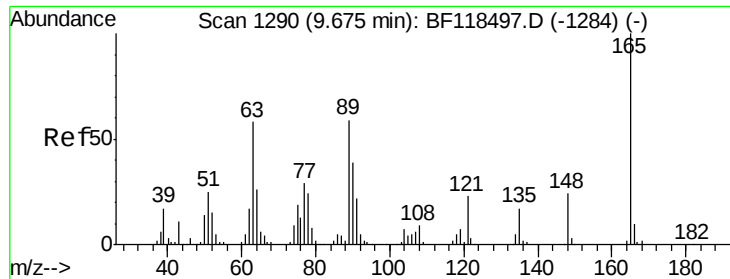
mohammad
1/9/2020 12:10:43 PM



#50
Dimethylphthalate
Concen: 33.072 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 34.435 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

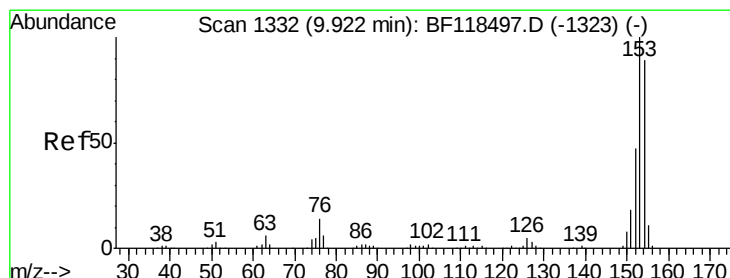
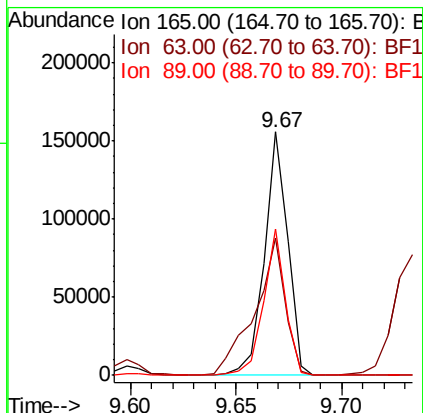
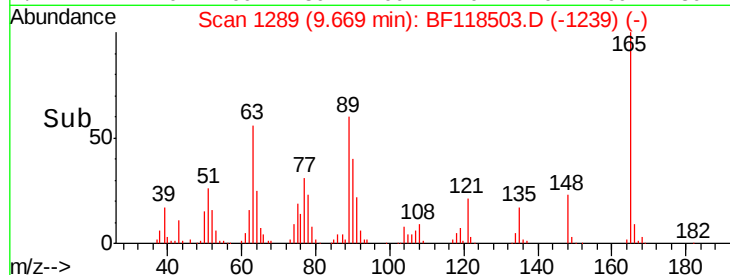
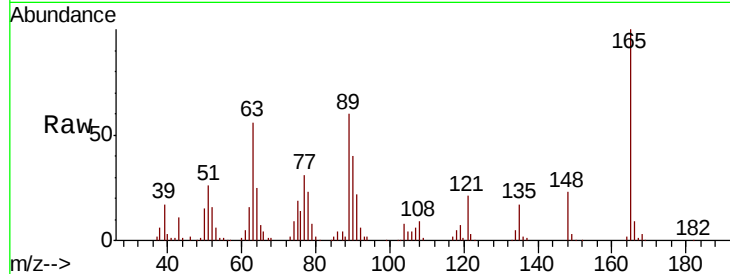
ClientSampleId :

PB125777BS

Tot Ion:	165	Resp:	119591
Ion Ratio	Lower	Upper	
165	100		
63	56.3	46.6	70.0
89	60.1	47.5	71.3

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#52

Acenaphthene

Concen: 36.674 ng

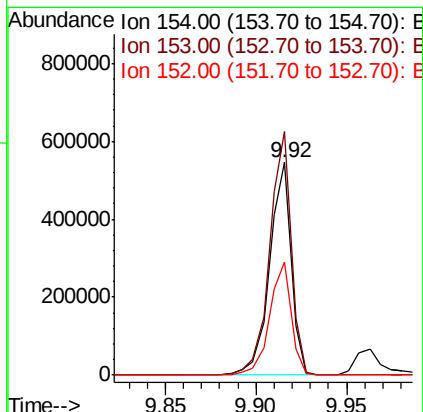
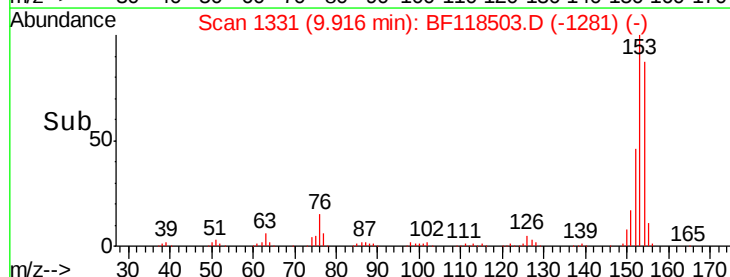
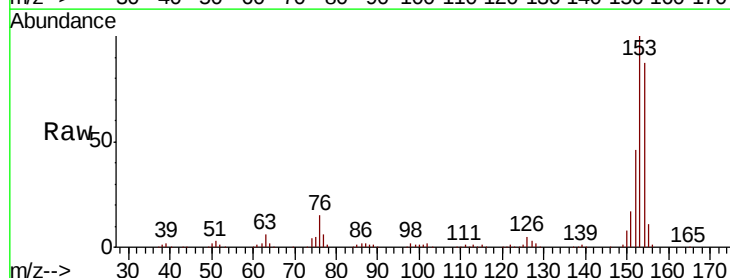
RT: 9.92 min Scan# 1331

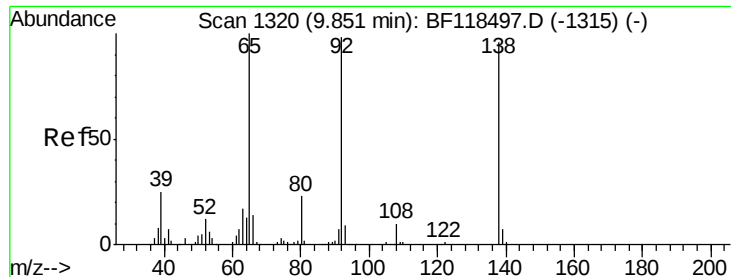
Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion:	154	Resp:	452999
Ion Ratio	Lower	Upper	
154	100		
153	114.6	89.7	134.5
152	53.1	41.9	62.9





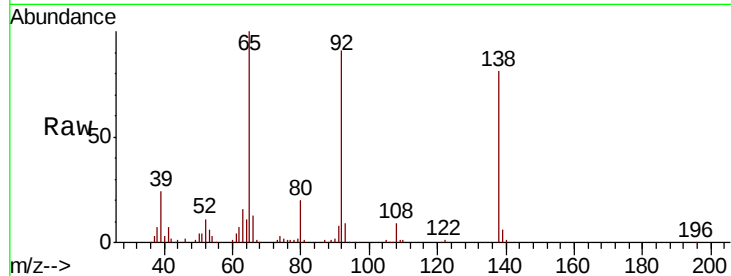
#53
3-Nitroaniline
Concen: 24.682 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.1	12.1
92	112.1	81.6	122.4

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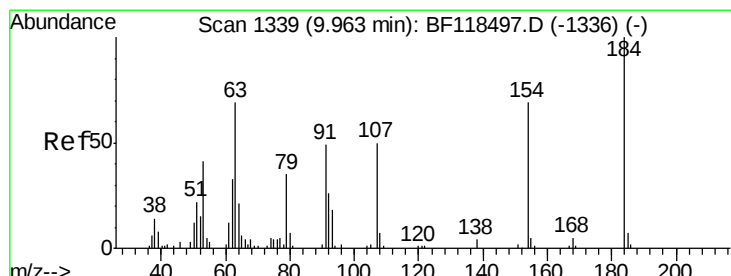
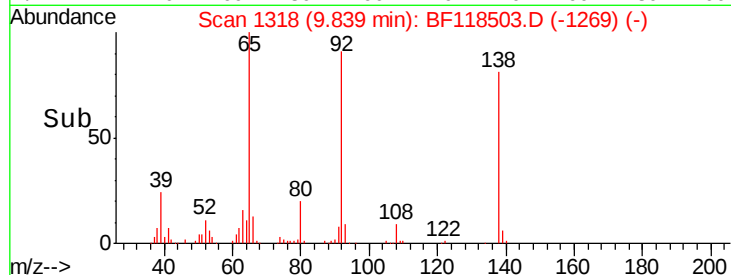
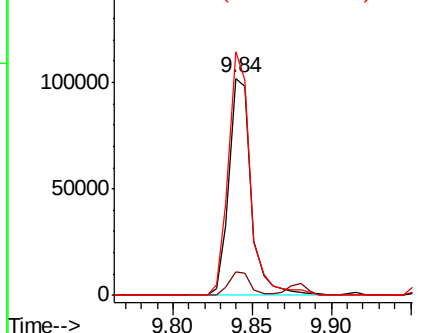


Abundance

Ion 138.00 (137.70 to 138.70): E

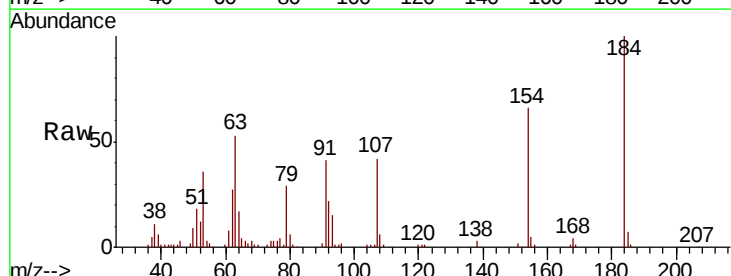
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 70.001 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	55.3	82.9#
154	65.9	55.0	82.4

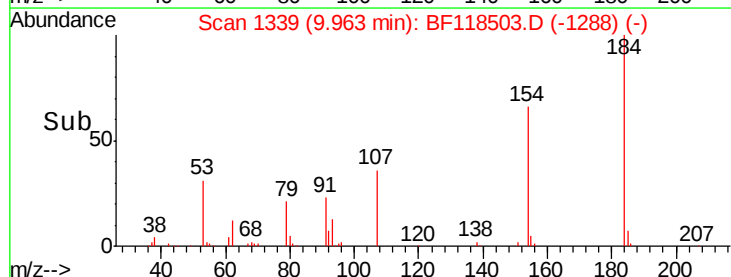
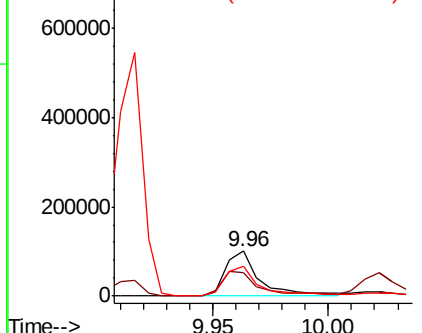


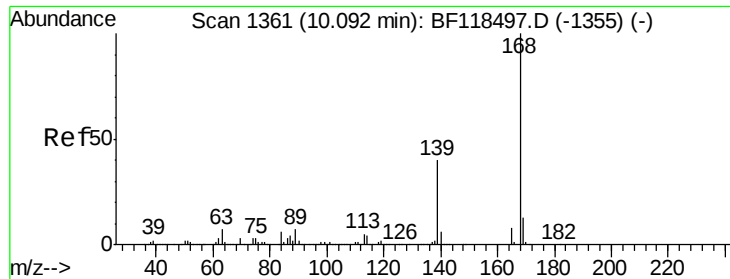
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





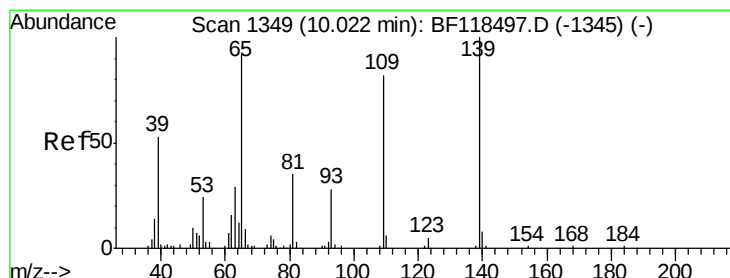
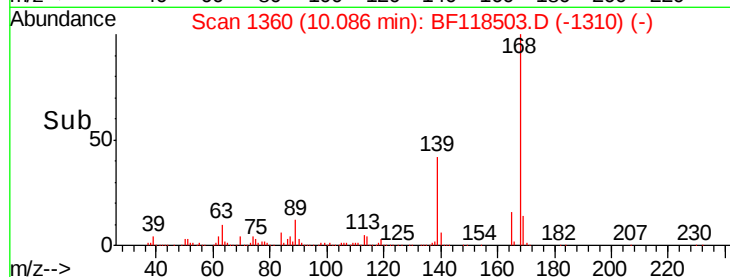
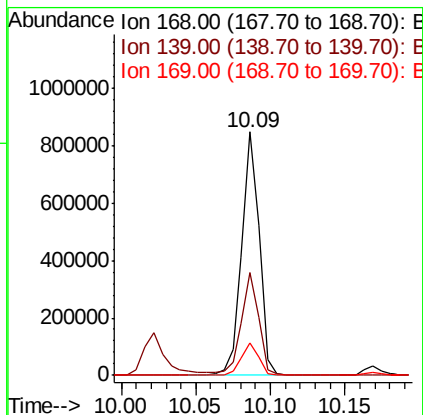
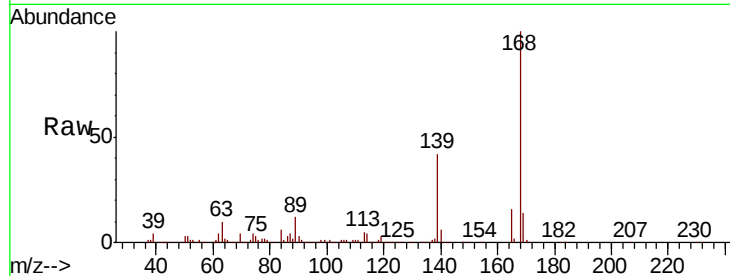
#55
Dibenzenofuran
Concen: 37.388 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampled :
PB125777BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	32.5	48.7
169	13.5	10.6	16.0

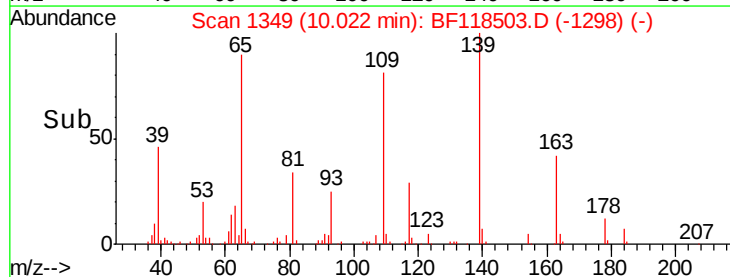
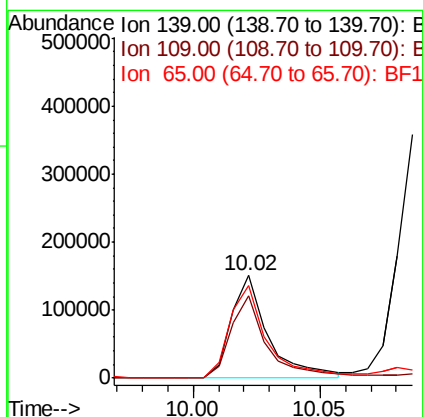
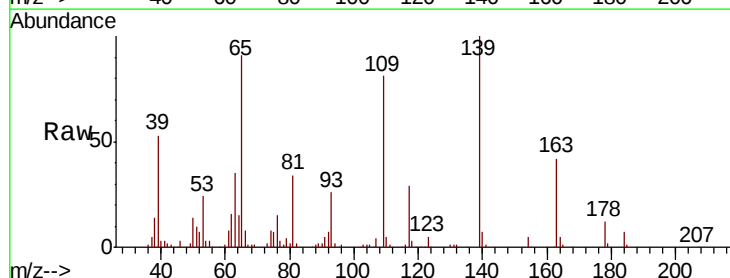
Manual Integrations
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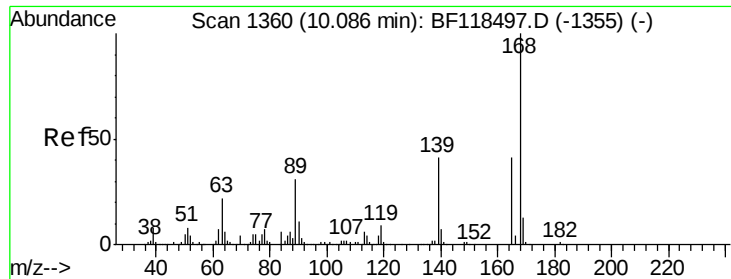
mohammad
1/9/2020 12:10:43 PM



#56
4-Nitrophenol
Concen: 77.321 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.8	62.2	102.2
65	90.5	72.8	112.8





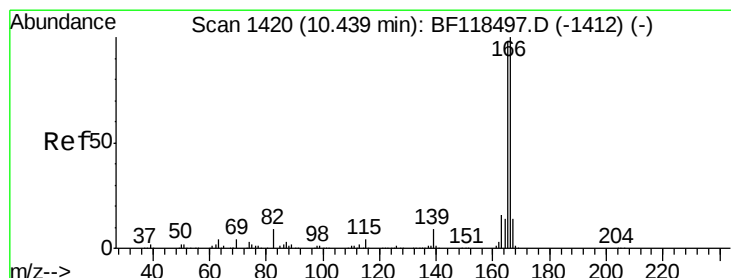
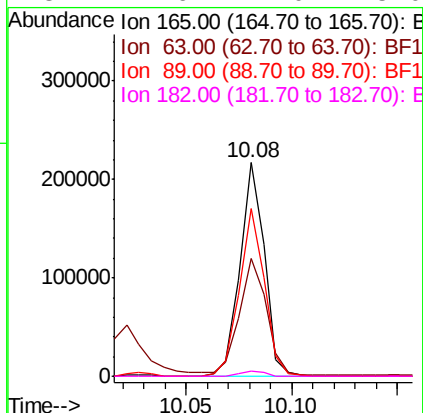
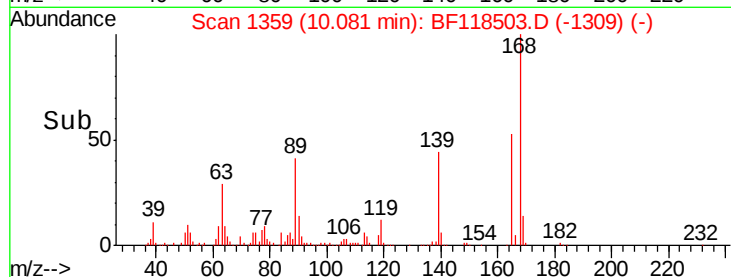
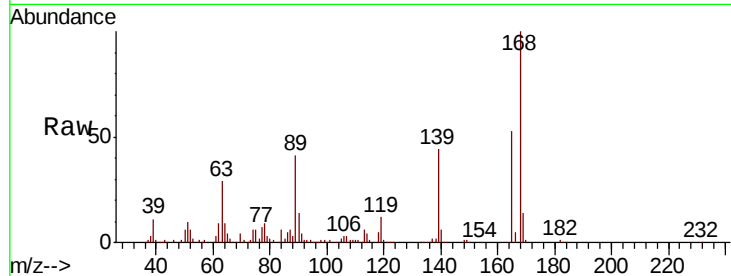
#57
2,4-Dinitrotoluene
Concen: 37.241 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	173176		
63	55.0	44.1	66.1	
89	78.6	60.4	90.6	
182	2.6	2.0	3.0	

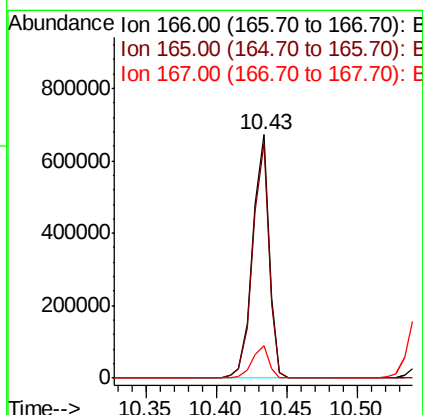
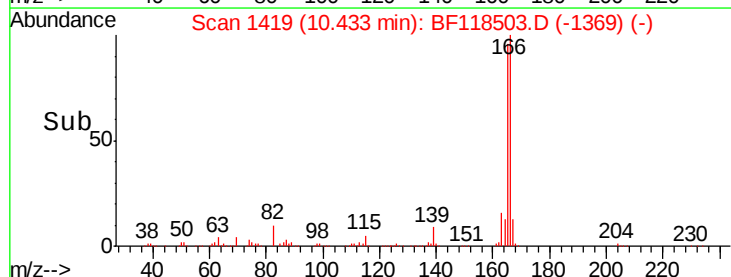
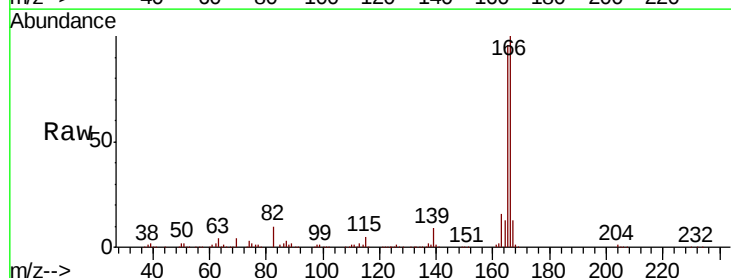
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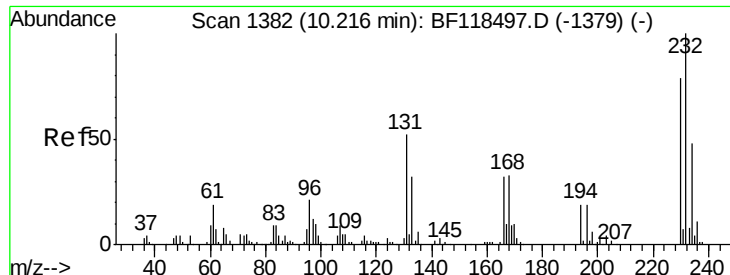
mohammad
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#58
Fluorene
Concen: 37.272 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	555806		
165	96.3	78.6	117.8	
167	13.3	10.8	16.2	





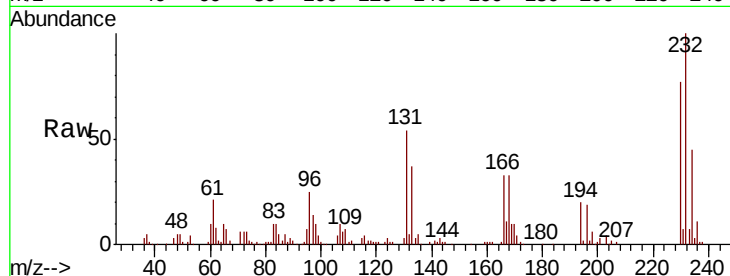
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.171 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	42.2	63.4
130	2.5	2.1	3.1
166	30.8	25.7	38.5

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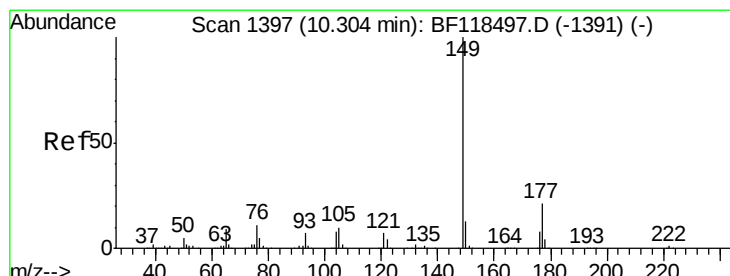
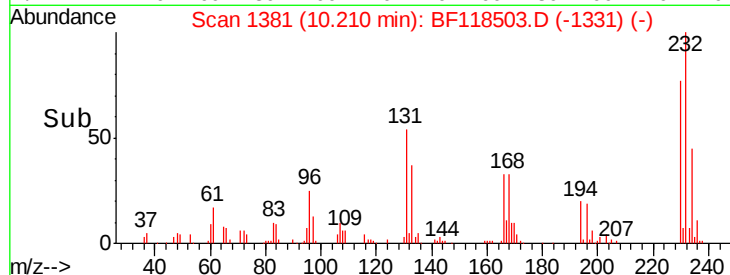
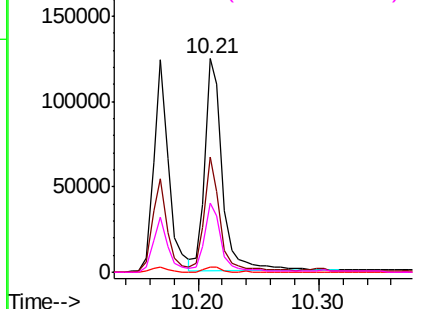
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

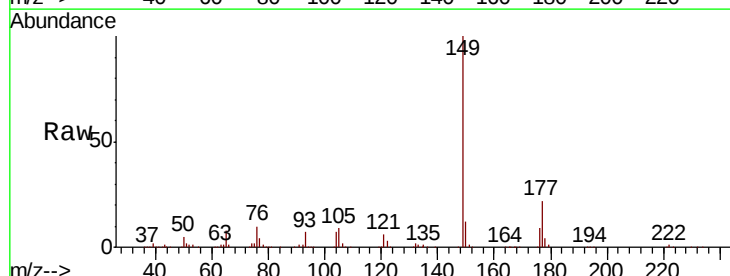
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 34.345 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.5	24.7
150	12.5	10.2	15.2

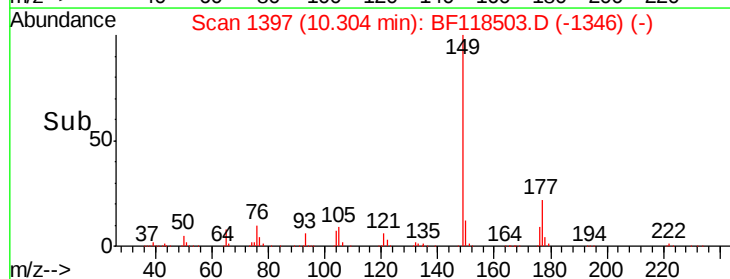
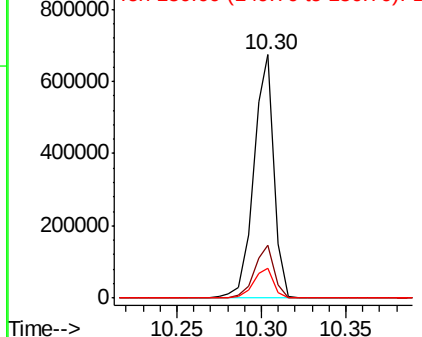


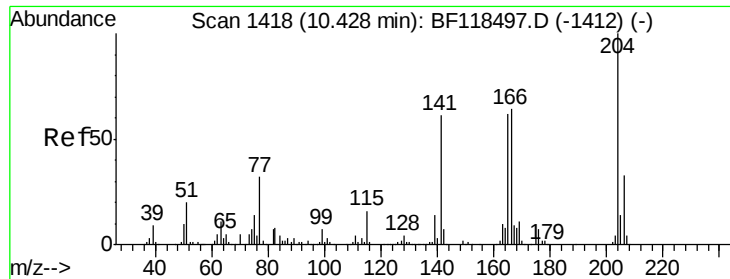
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





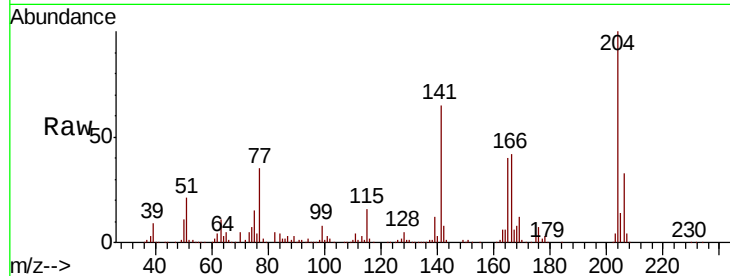
#61
4-Chlorophenyl-phenylether
Concen: 36.414 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	65.0	49.0	73.6

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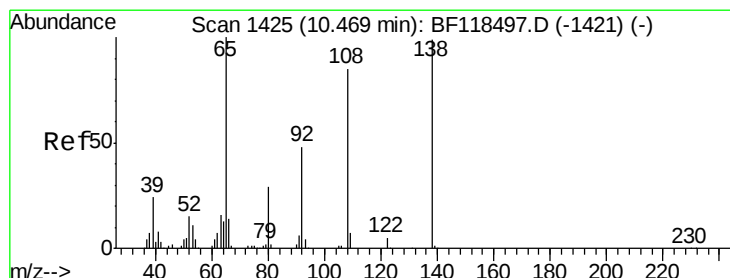
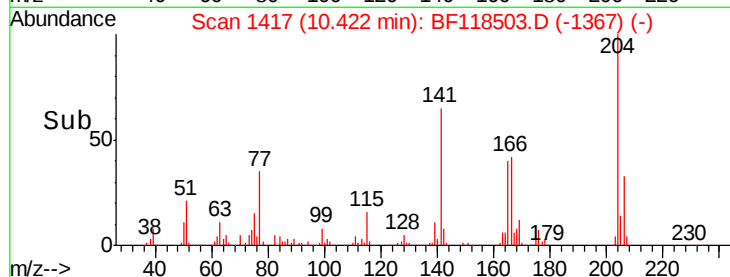
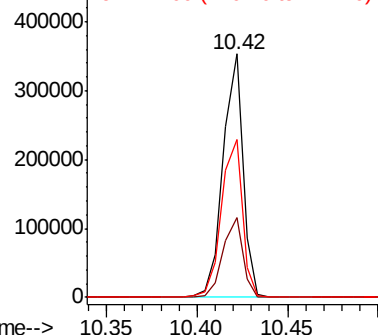


Abundance

Ion 204.00 (203.70 to 204.70): E

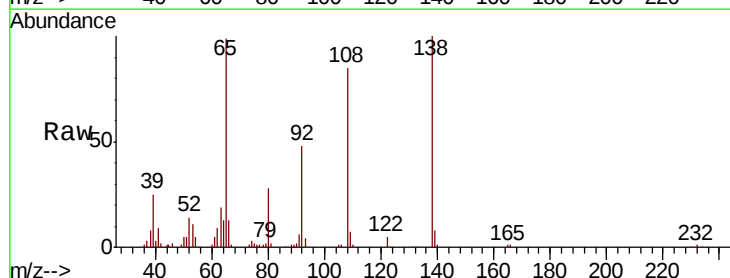
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 29.300 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	27.9	67.9
108	84.6	64.7	104.7

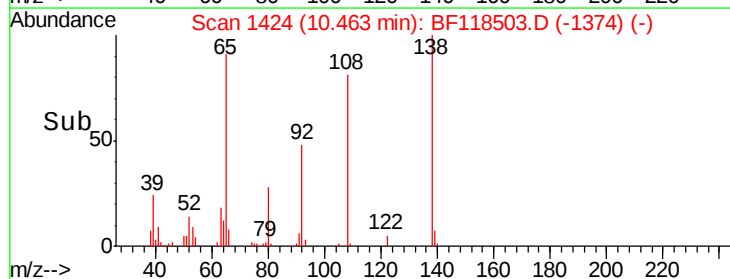
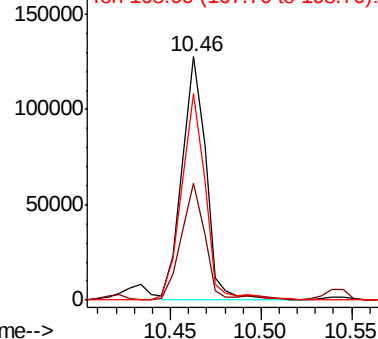


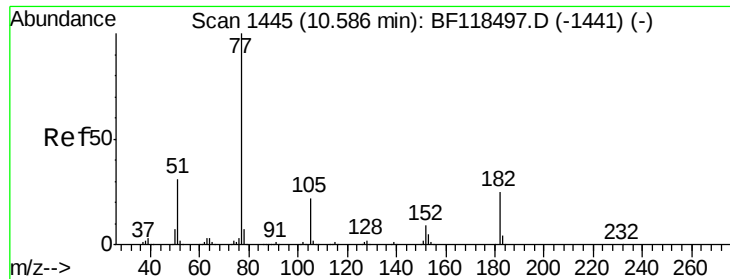
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





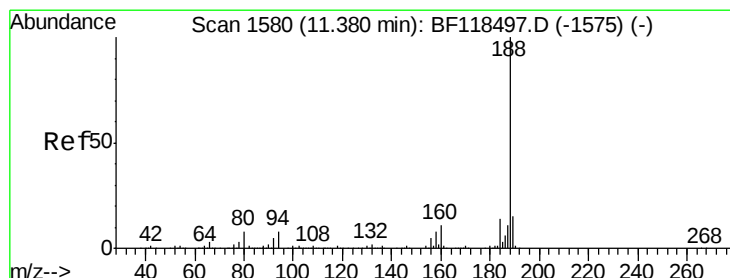
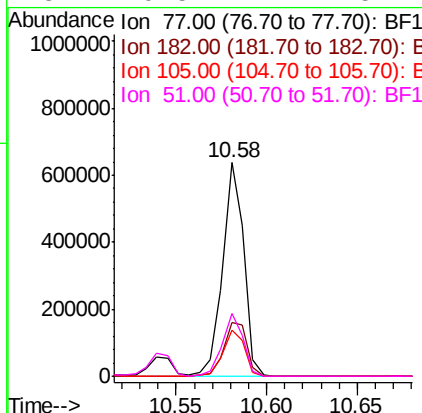
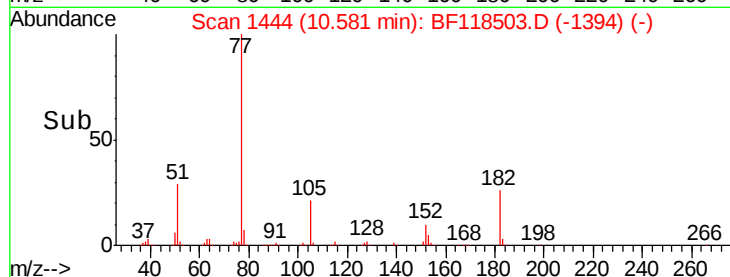
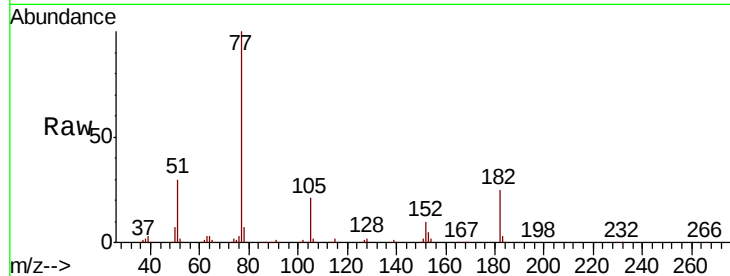
#63
Azobenzene
Concen: 37.034 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.2	45.2
105	21.4	1.7	41.7
51	29.5	11.2	51.2

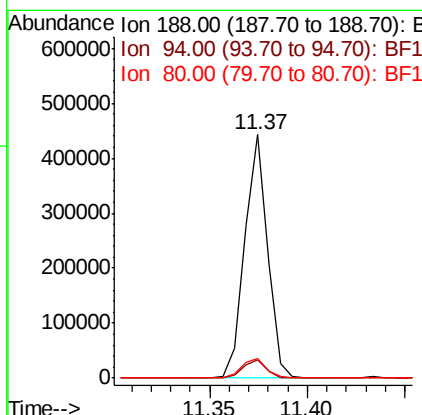
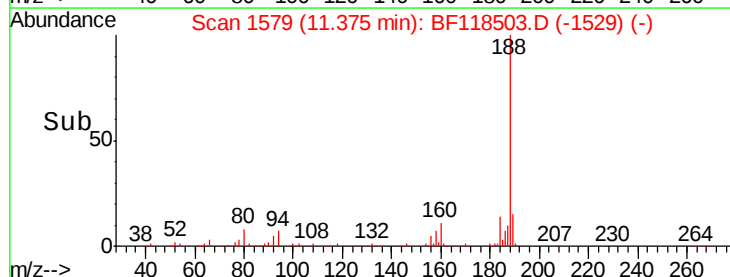
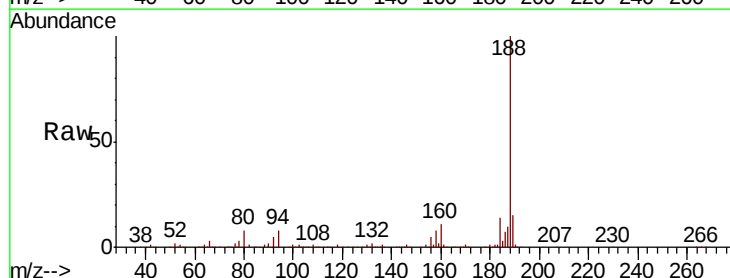
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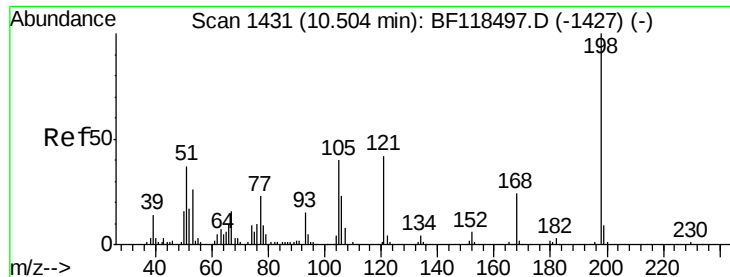
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.2	9.4
80	8.3	6.6	10.0





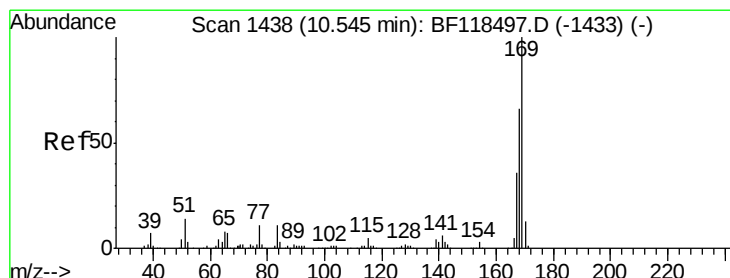
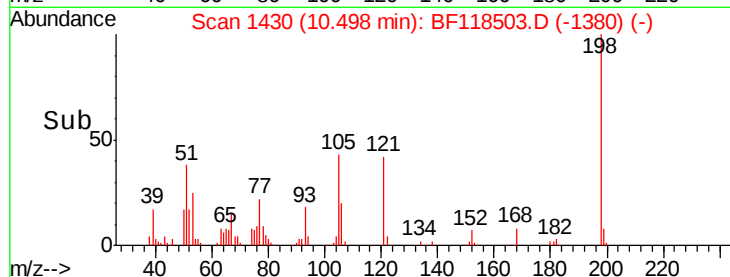
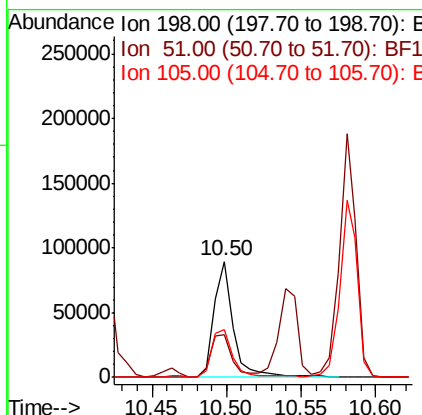
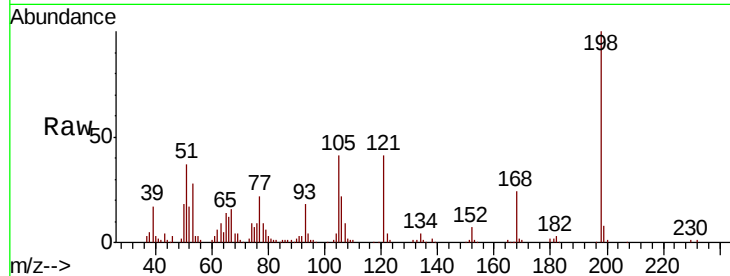
#65
4,6-Dinitro-2-methylphenol
Concen: 42.560 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleID :
PB125777BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.5	17.8	57.8
105	41.2	20.1	60.1

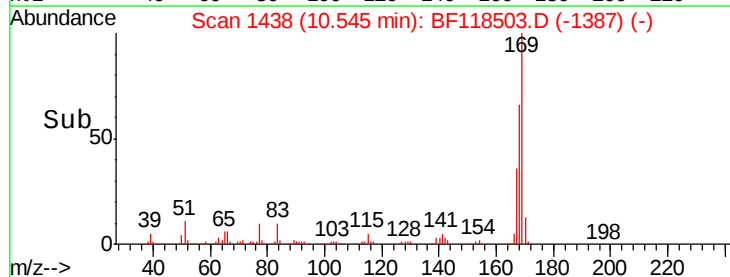
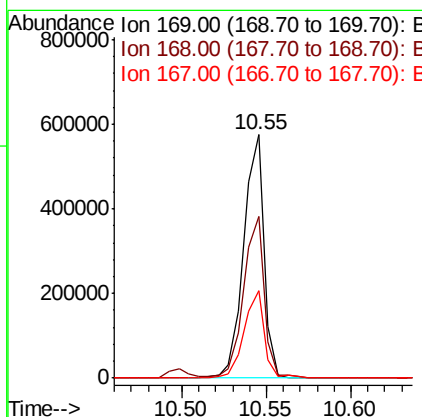
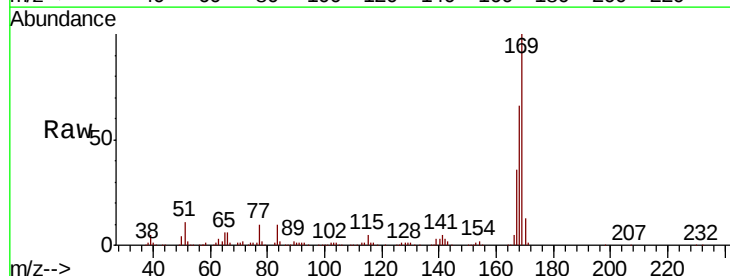
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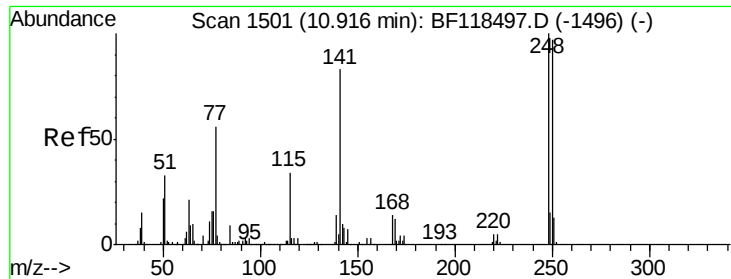
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#66
n-Nitrosodiphenylamine
Concen: 41.546 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.2
167	36.0	28.9	43.3





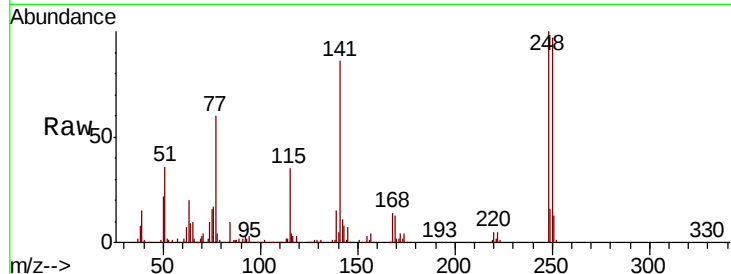
#67
4-Bromophenyl-phenylether
Concen: 39.941 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.0
141	86.1	66.2	99.4

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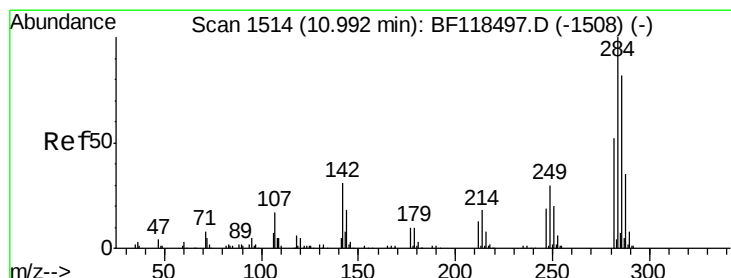
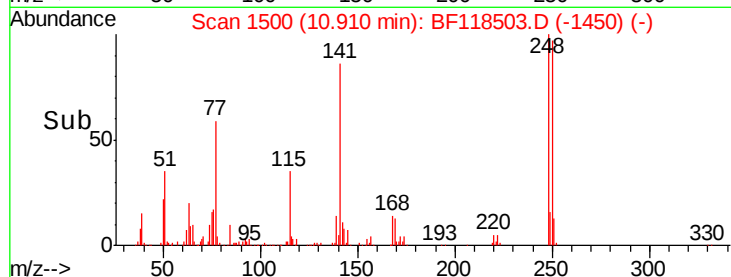
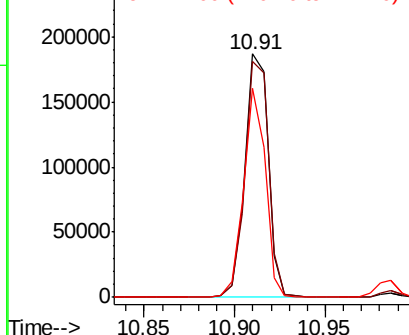


Abundance

Ion 248.00 (247.70 to 248.70): E

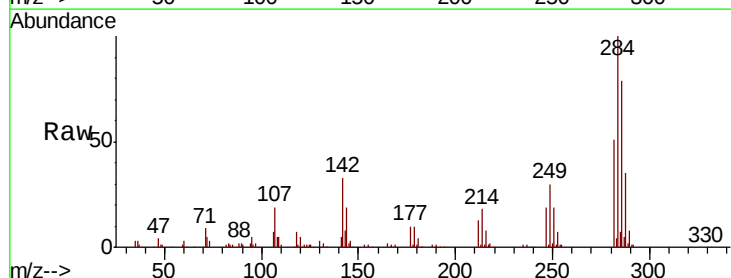
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.699 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	24.6	37.0
249	30.0	24.0	36.0

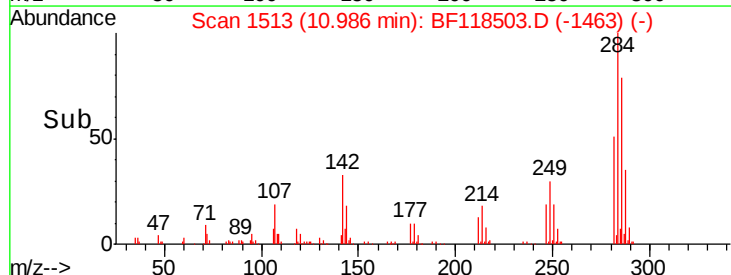
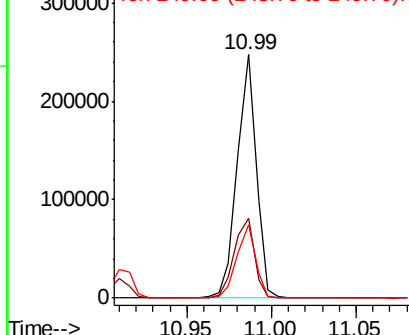


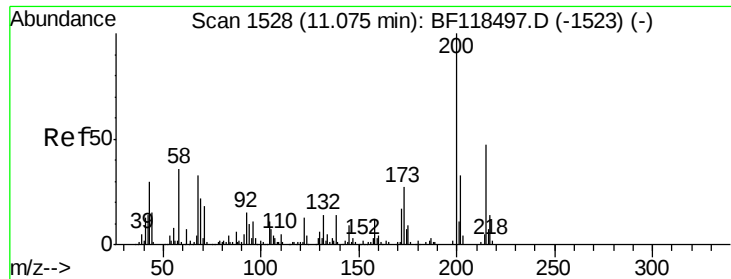
Abundance

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





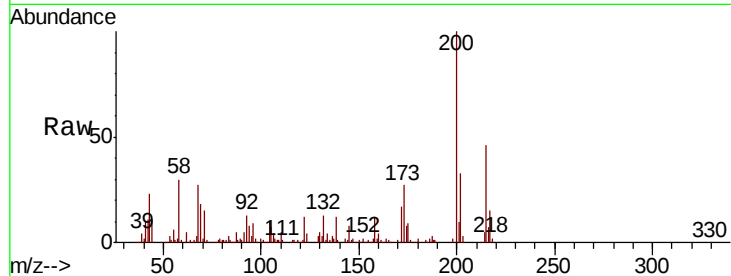
#69
Atrazine
Concen: 45.505 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	158184		
173	26.8	7.0	47.0	
215	46.1	27.0	67.0	

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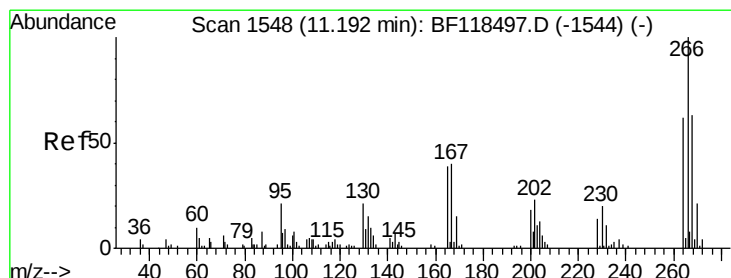
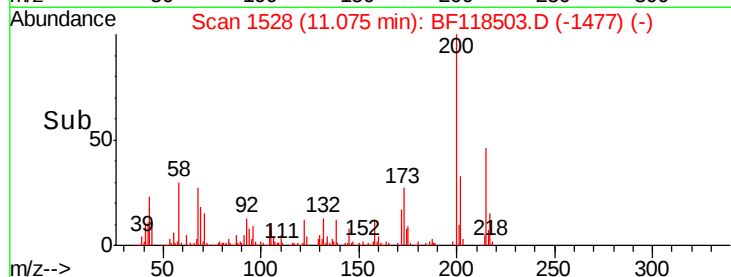
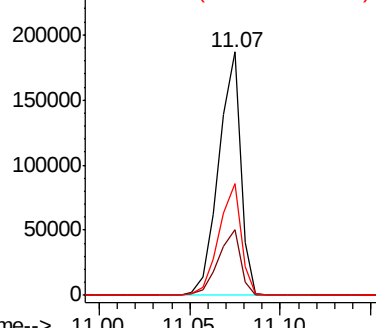


Abundance

Ion 200.00 (199.70 to 200.70): E

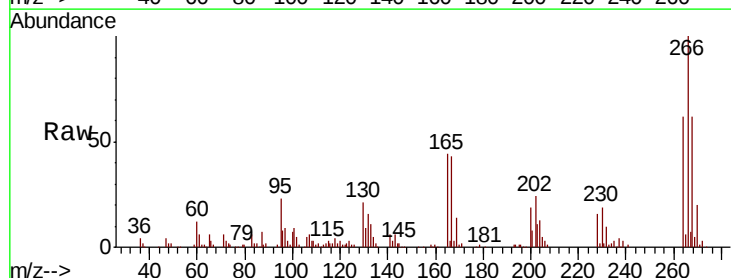
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.885 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	133195		
268	61.8	50.2	75.2	
264	61.7	49.4	74.0	

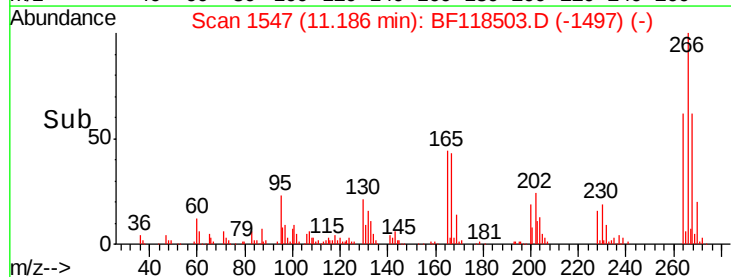
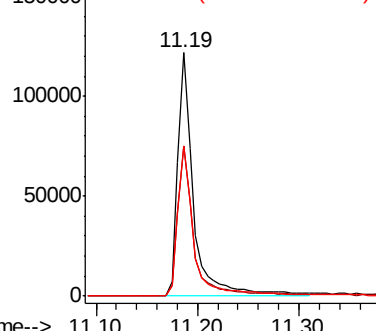


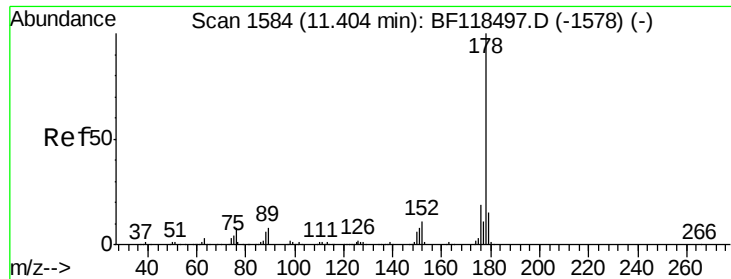
Abundance

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





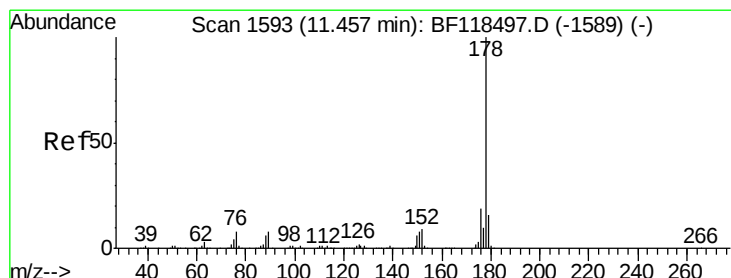
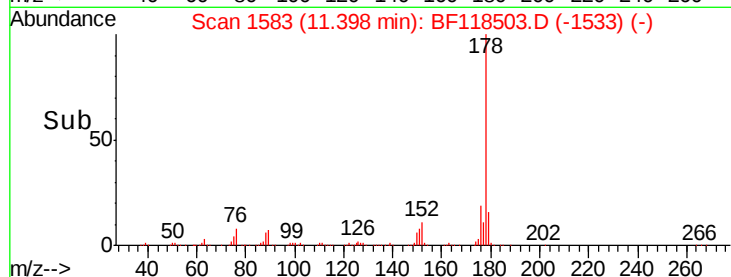
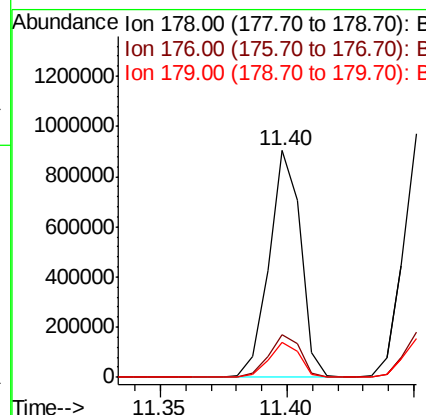
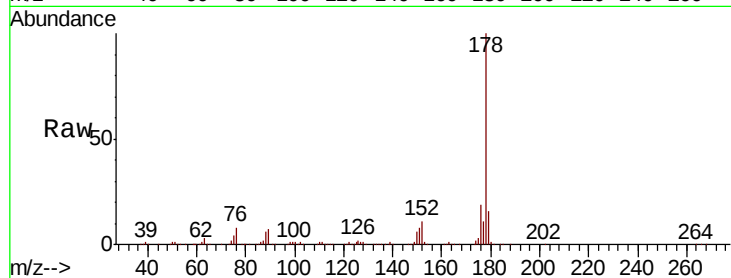
#71
Phenanthrene
Concen: 39.174 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.3	18.5

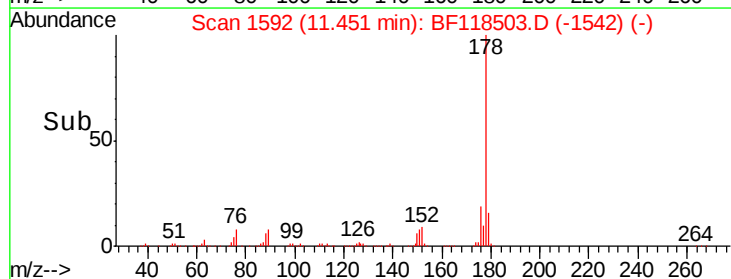
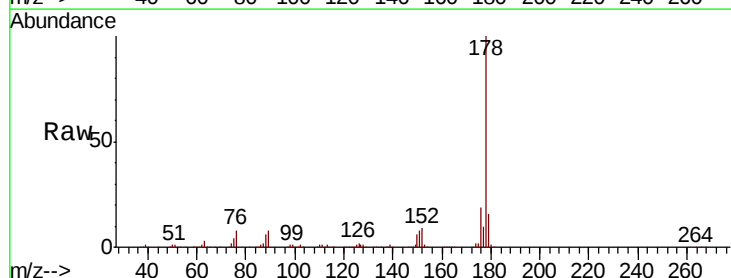
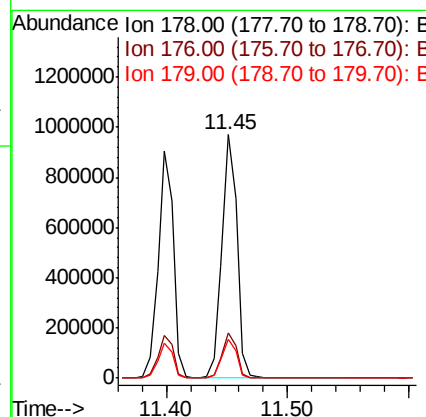
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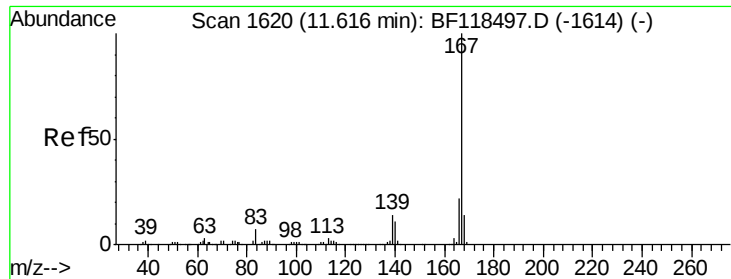
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#72
Anthracene
Concen: 41.368 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.9	12.6	19.0





#73

Carbazole

Concen: 37.468 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

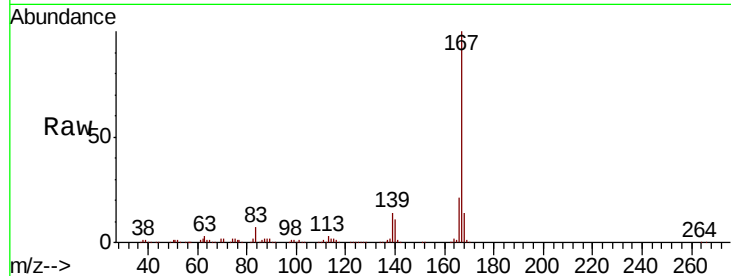
ClientSampleId :

PB125777BS

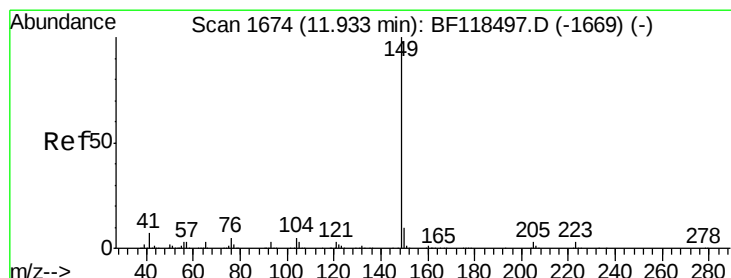
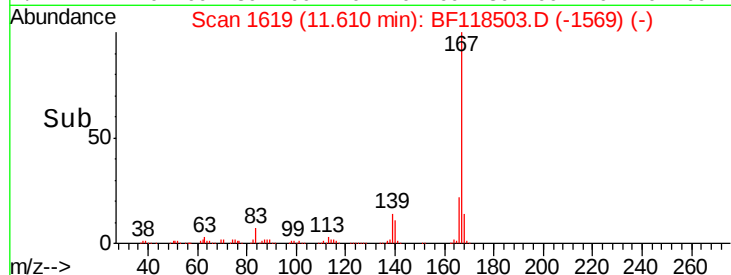
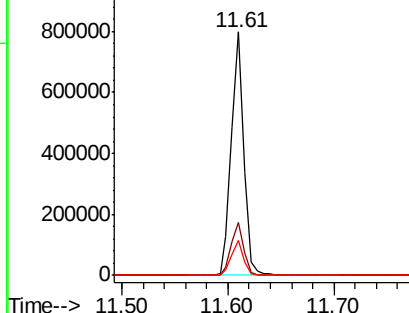
Tot Ion:	167	Resp:	649793
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.4	26.2
139	14.3	10.9	16.3

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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: 39.989 ng

RT: 11.93 min Scan# 1674

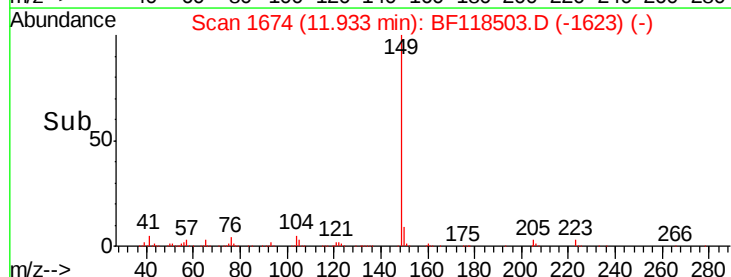
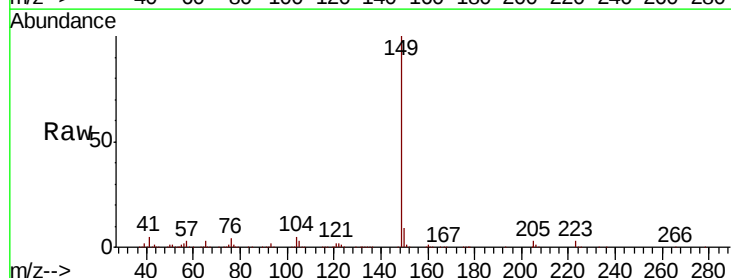
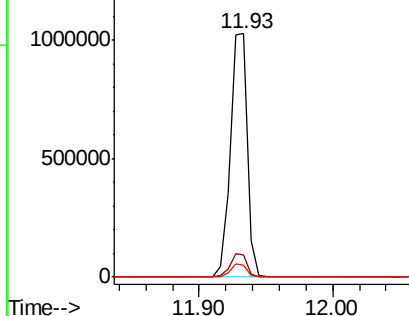
Delta R.T. 0.00 min

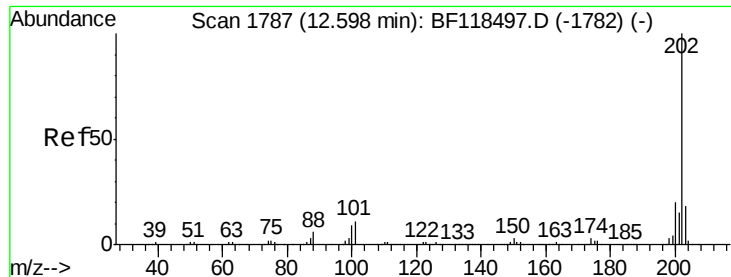
Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion:	149	Resp:	925211
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.8
104	4.8	4.2	6.4

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





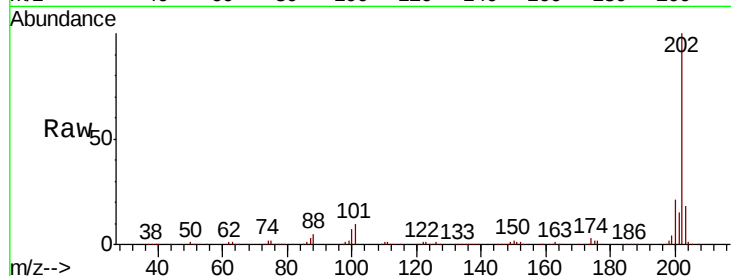
#75
 Fluoranthene
 Concen: 40.591 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	31.4
203	17.6	0.0	38.1

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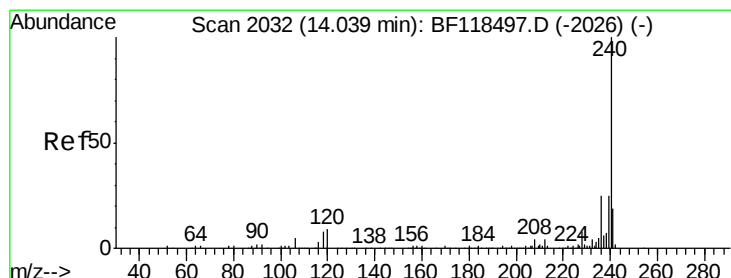
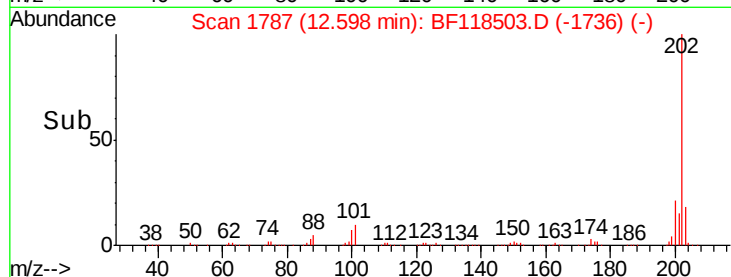
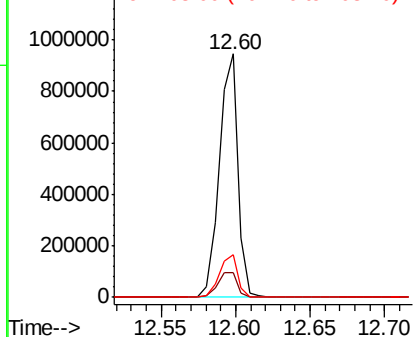


Abundance

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: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

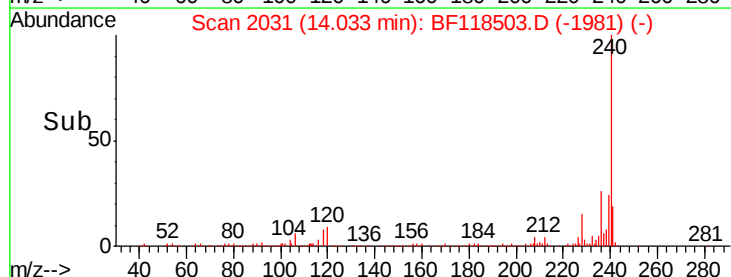
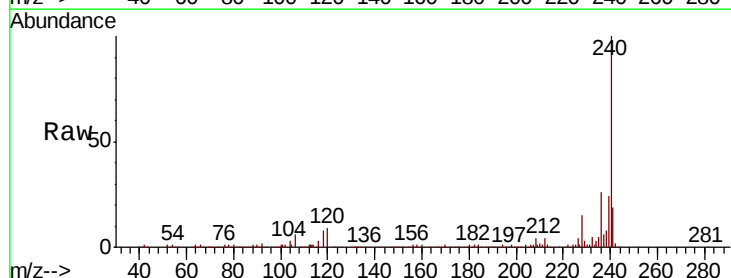
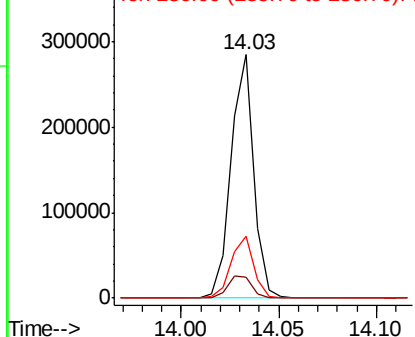
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	7.0	10.6
236	25.6	20.1	30.1

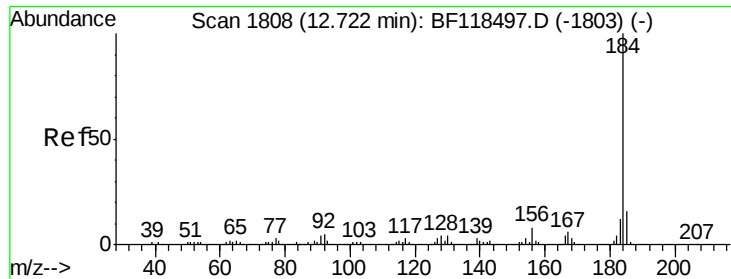
Abundance

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: 47.418 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

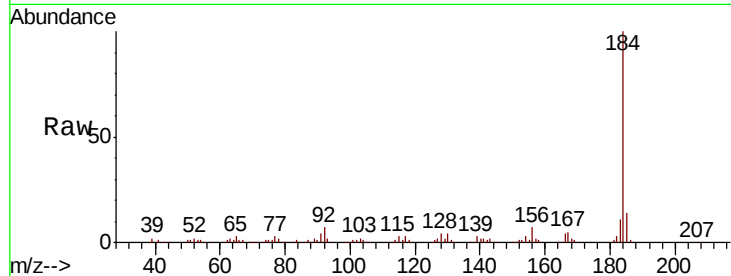
ClientSampleId :

PB125777BS

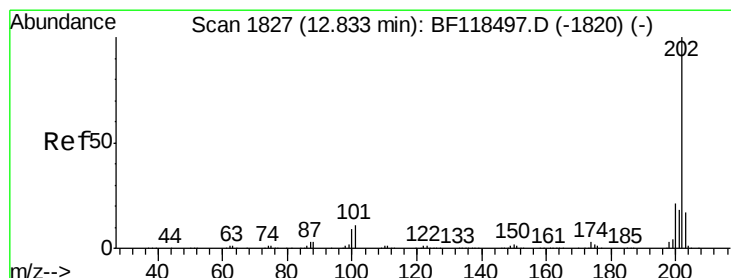
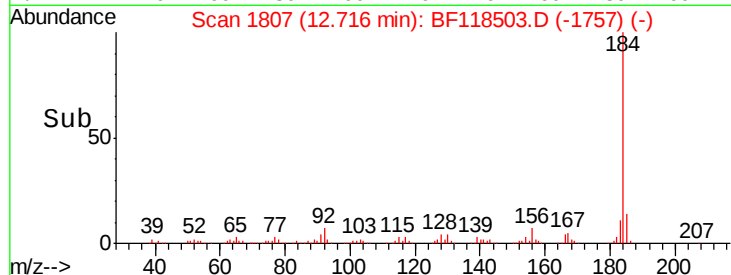
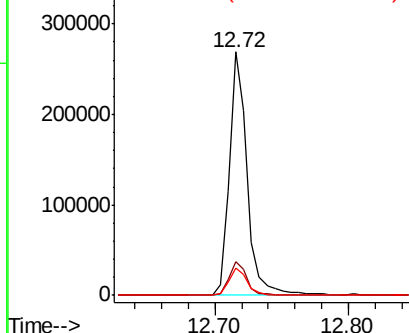
Tot Ion:	184	Resp:	253436
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.4	9.3	13.9

Manual Integrations
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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: 43.059 ng

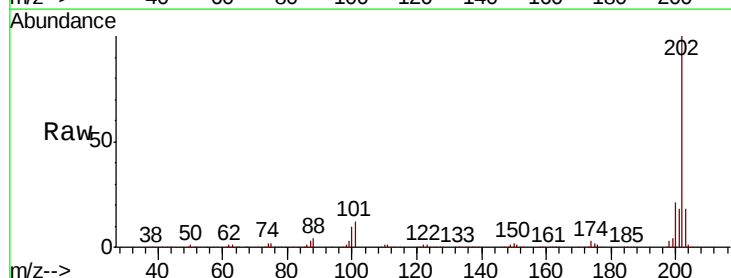
RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

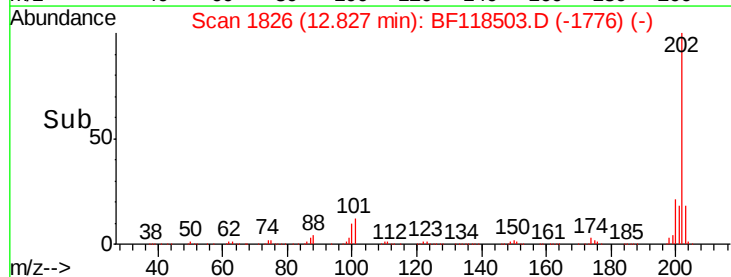
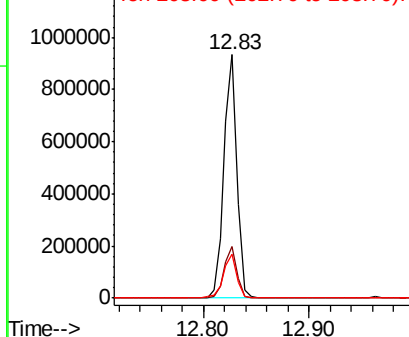
Lab File: BF118503.D

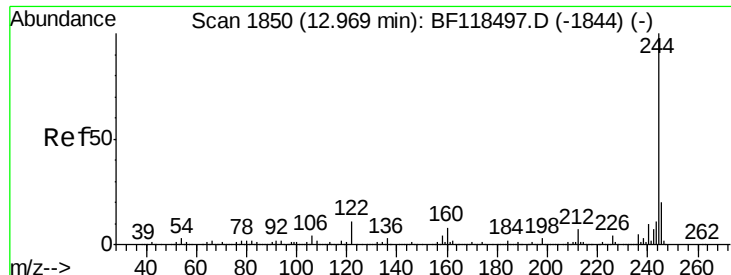
Acq: 8 Jan 2020 17:11

Tgt Ion:	202	Resp:	808237
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	17.9	13.9	20.9



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





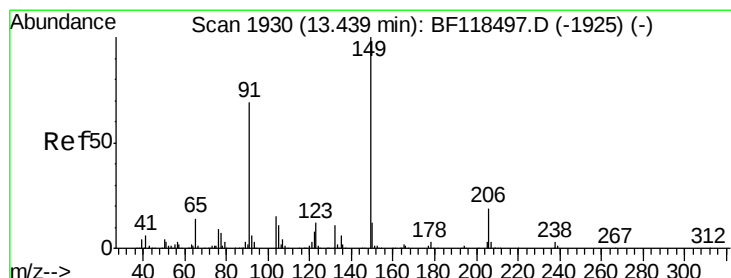
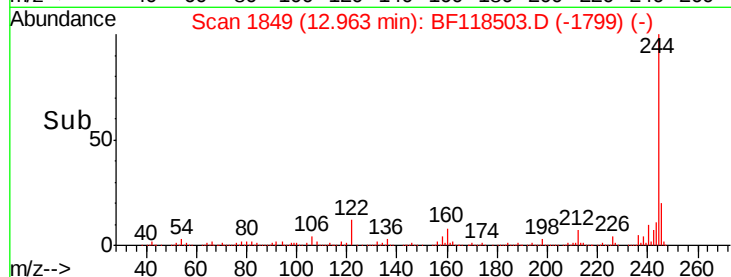
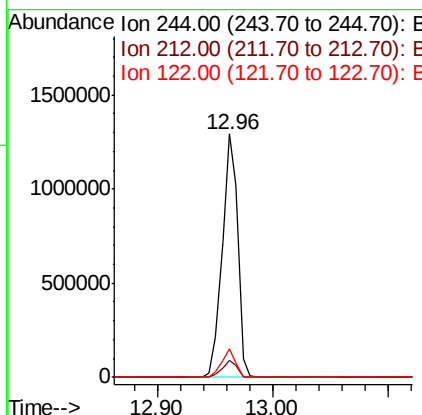
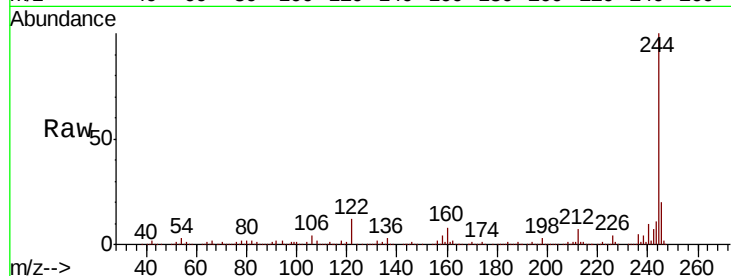
#79
 Terphenyl-d14
 Concen: 83.070 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 PB125777BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.7	9.0	13.6

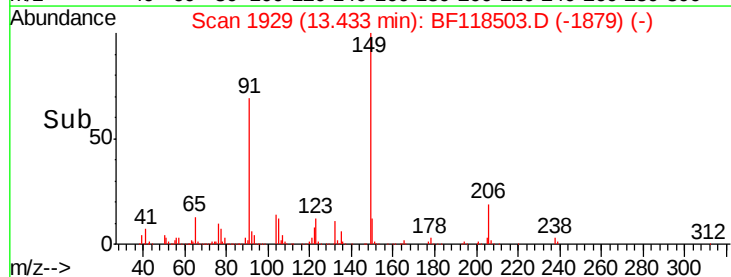
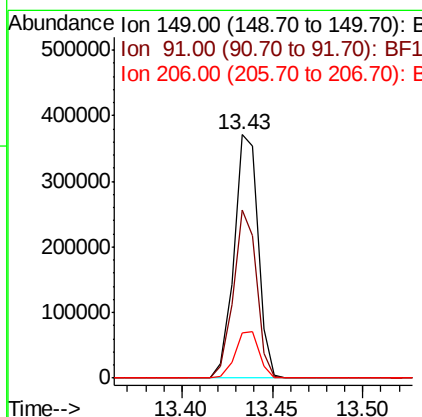
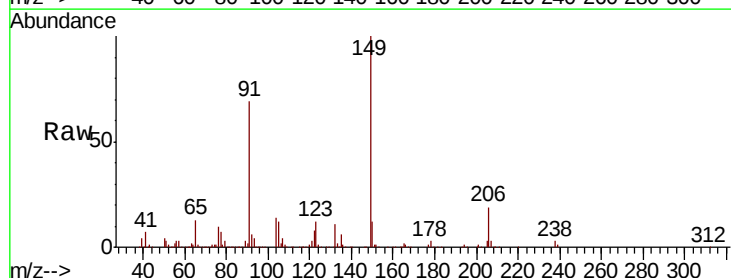
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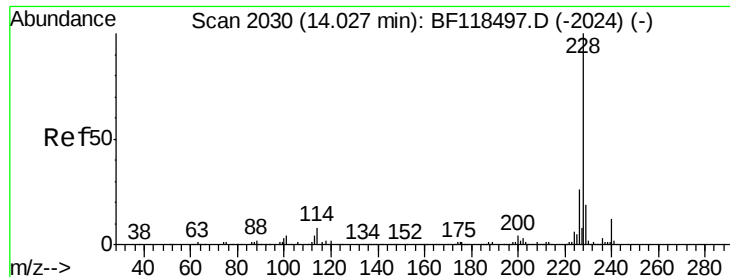
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#80
 Butylbenzylphthalate
 Concen: 40.055 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF118503.D
 Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	55.2	82.8
206	18.6	15.1	22.7





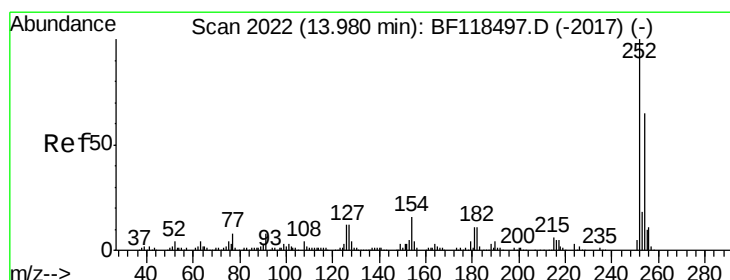
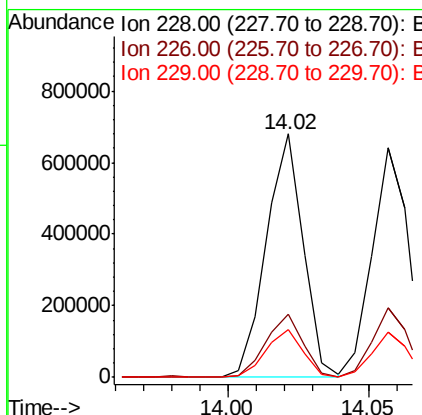
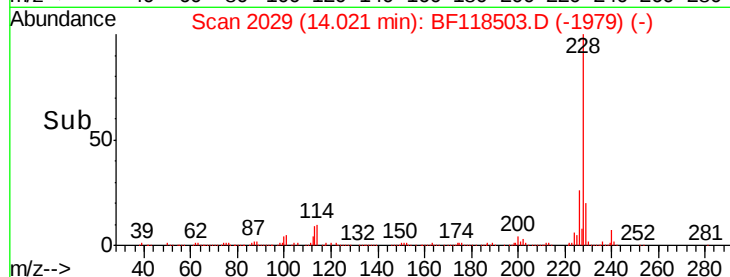
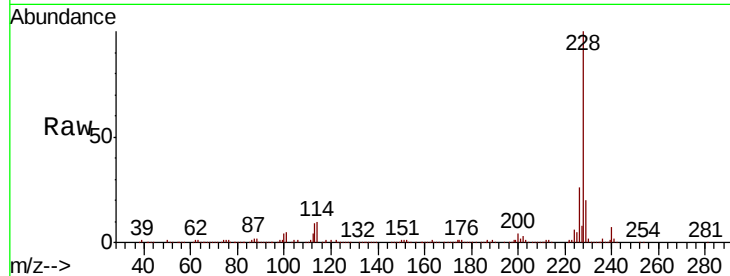
#81
Benzo(a)anthracene
Concen: 38.475 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	26.0	20.7	31.1	
229	19.7	15.4	23.2	

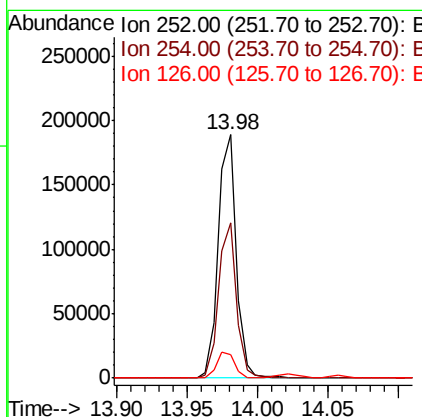
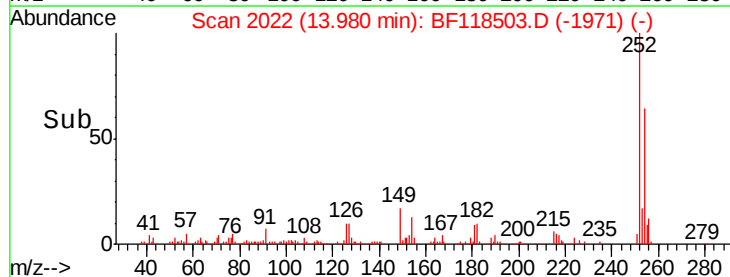
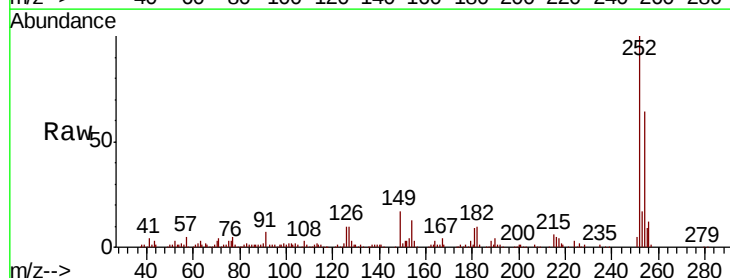
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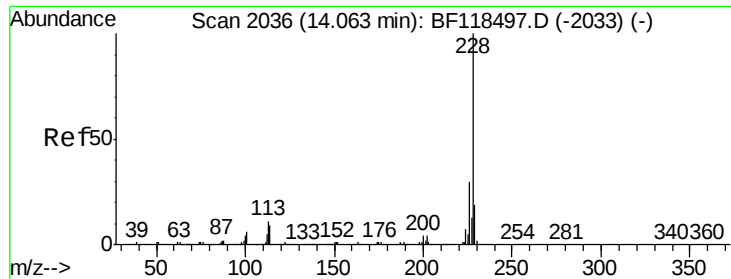
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#82
3,3'-Dichlorobenzidine
Concen: 32.419 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	63.9	52.1	78.1	
126	9.7	9.6	14.4	





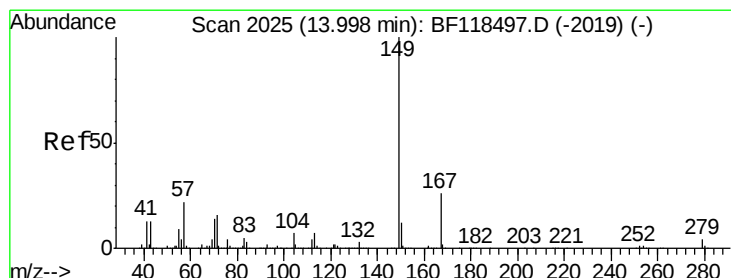
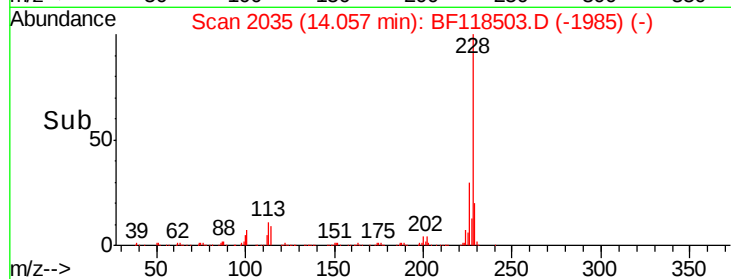
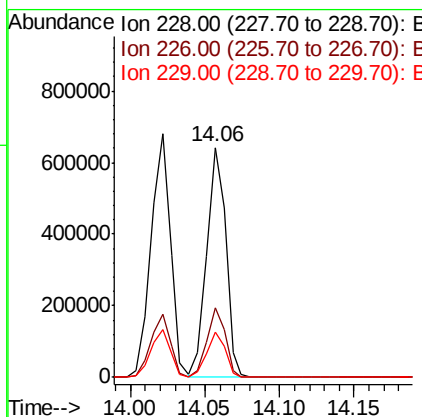
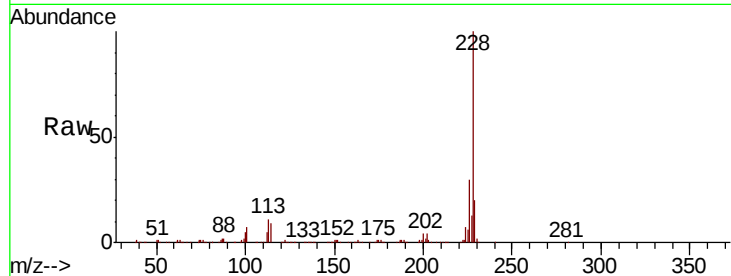
#83
Chrysene
Concen: 36.433 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	19.9	15.6	23.4

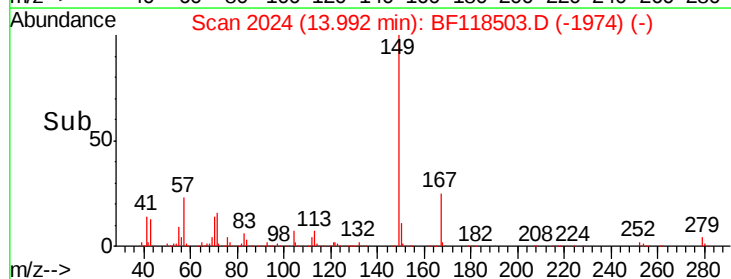
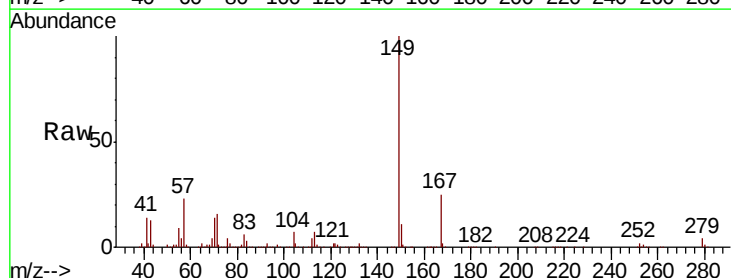
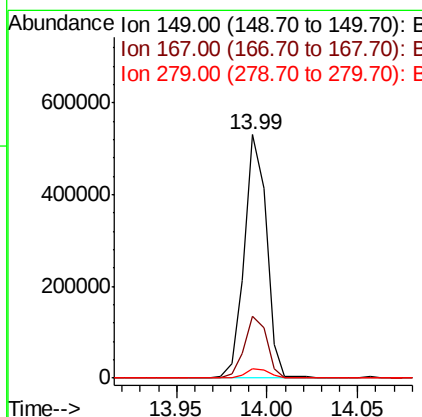
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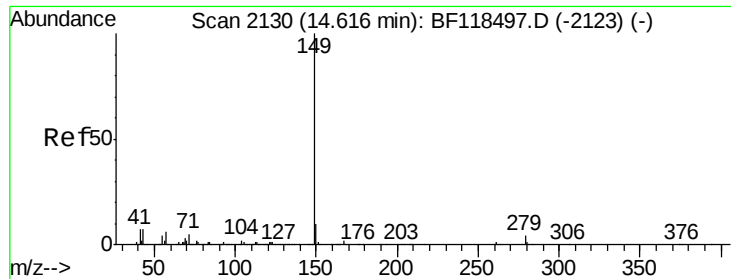
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.669 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.6	30.8
279	3.7	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 39.179 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Instrument :

BNA_F

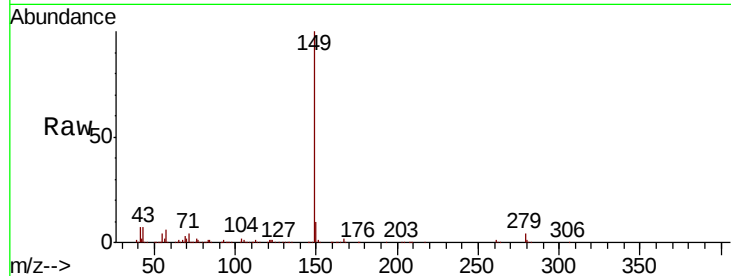
ClientSampleId :

PB125777BS

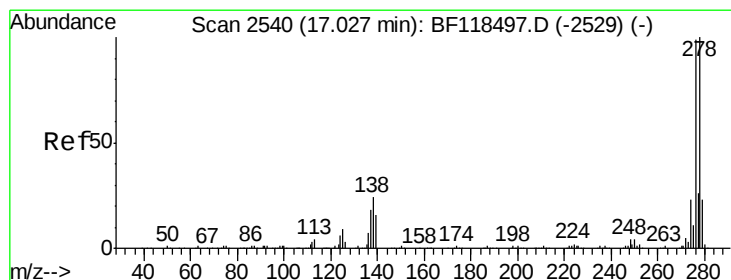
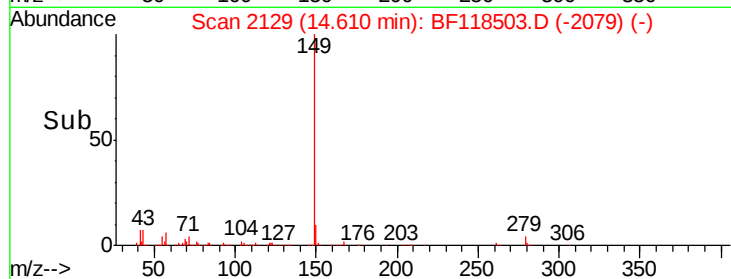
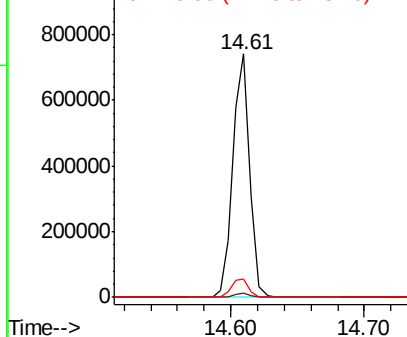
Tot Ion	Ratio	Resp	Lower	Upper
149	100	655925		
167	1.6		1.2	1.8
43	7.8		6.4	9.6

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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: 34.890 ng

RT: 17.02 min Scan# 2539

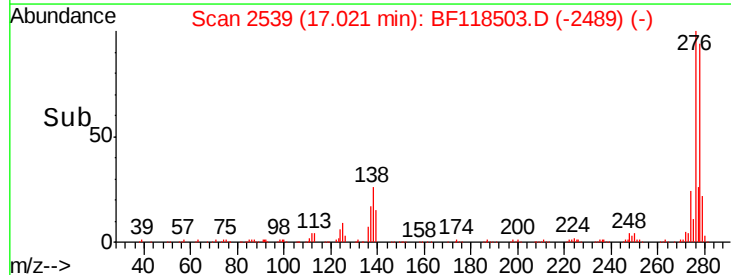
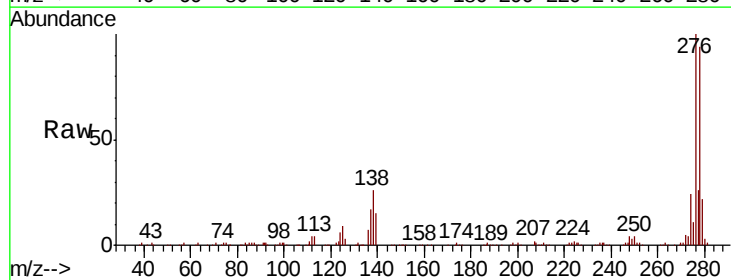
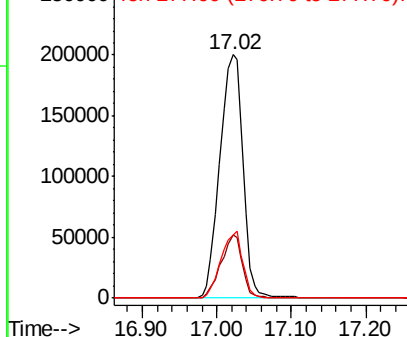
Delta R.T. -0.01 min

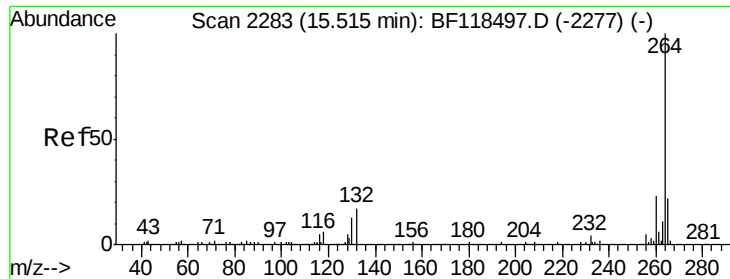
Lab File: BF118503.D

Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	435885		
138	23.8		19.0	28.4
277	25.8		20.5	30.7

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





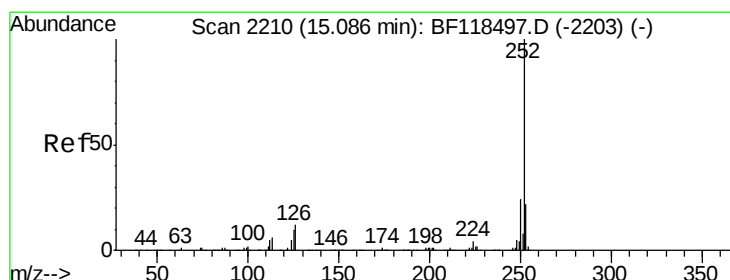
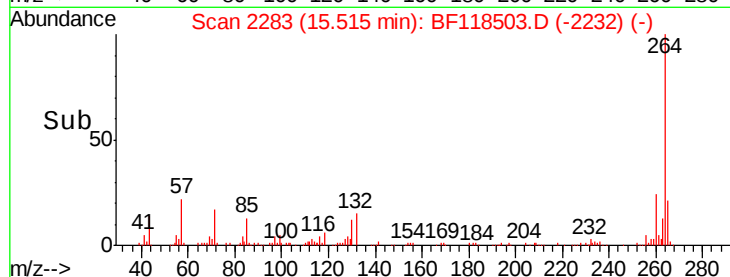
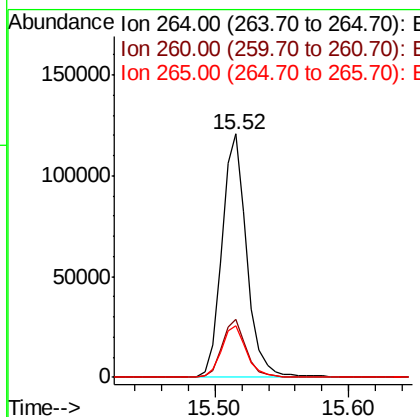
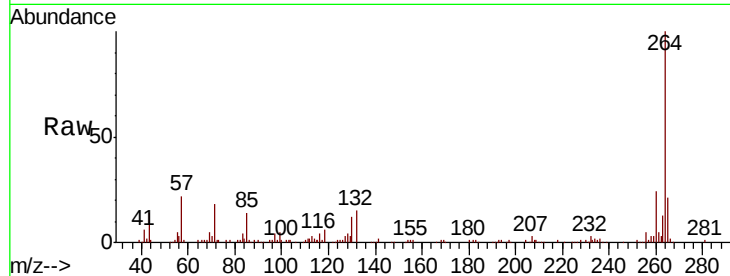
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.3	17.5	26.3

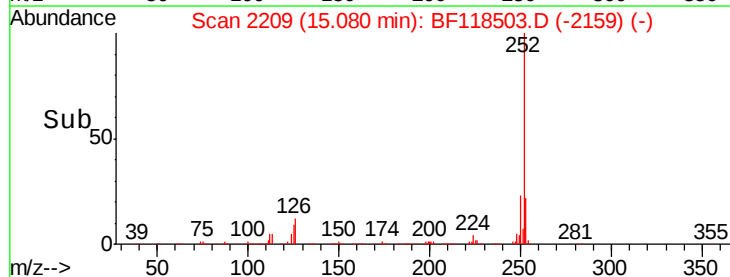
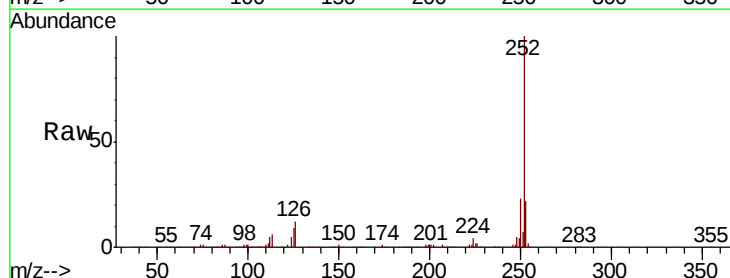
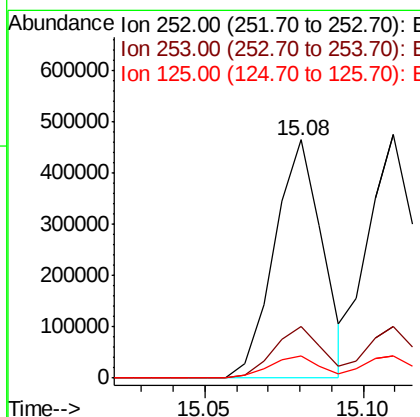
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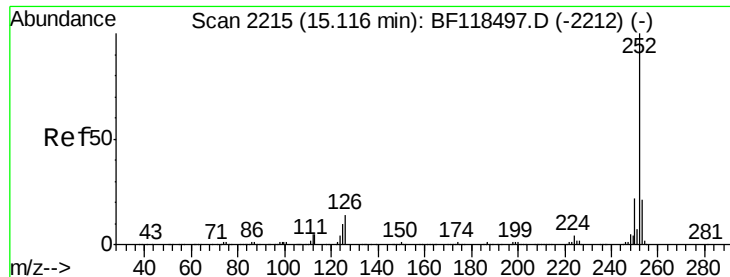
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.035 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.1	7.8	11.6





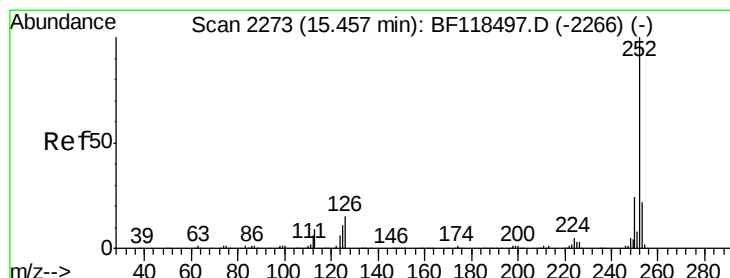
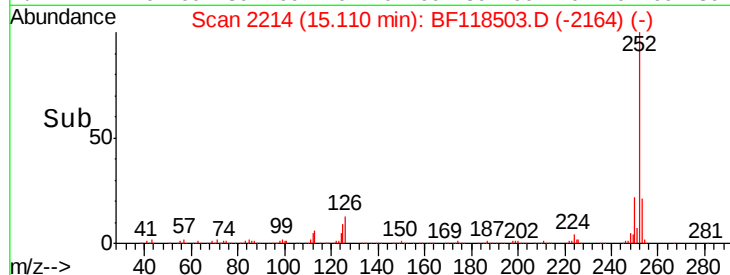
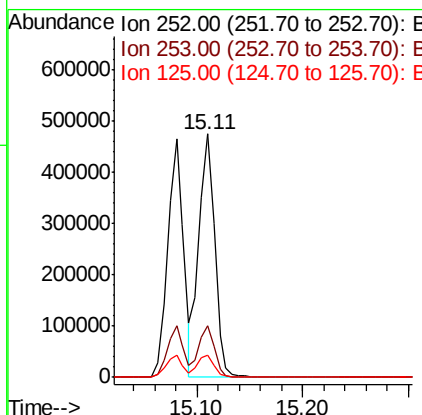
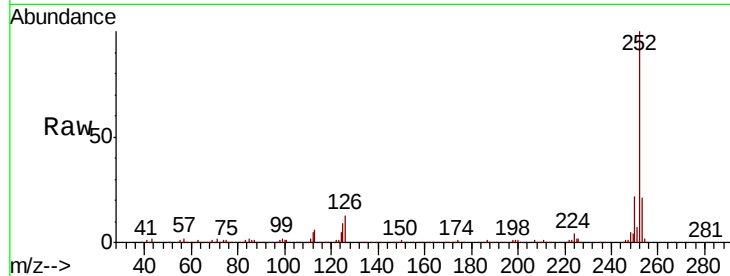
#89
Benzo(k)fluoranthene
Concen: 45.602 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.4
125	9.2	7.8	11.6

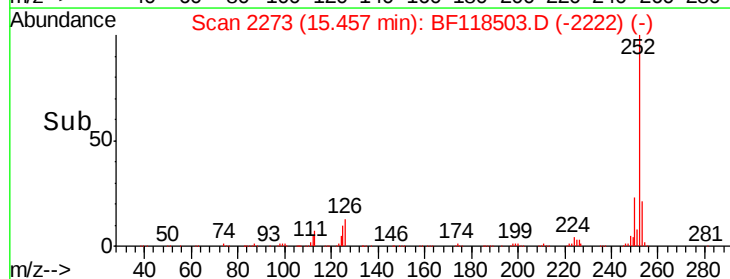
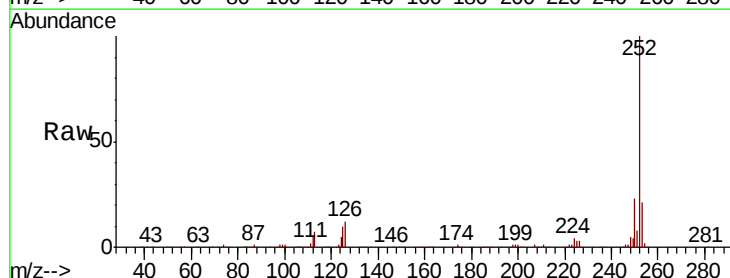
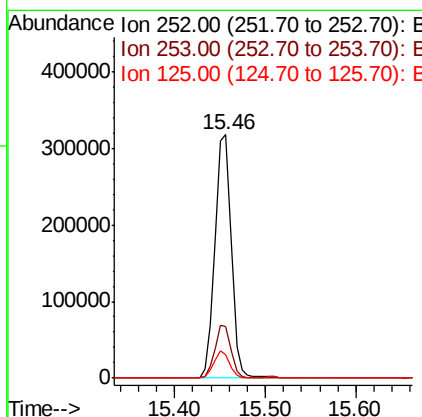
Manual Integrations
APPROVED

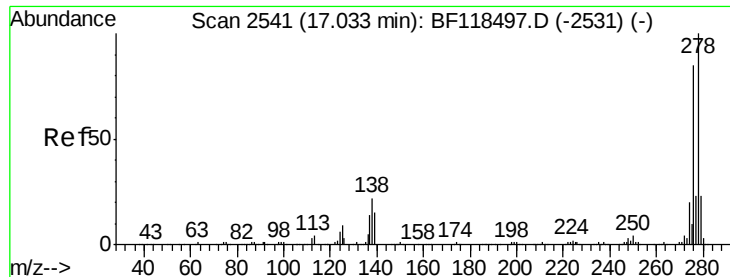
mohammad
1/9/2020 12:10:43 PM



#90
Benzo(a)pyrene
Concen: 42.658 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	9.6	9.0	13.6





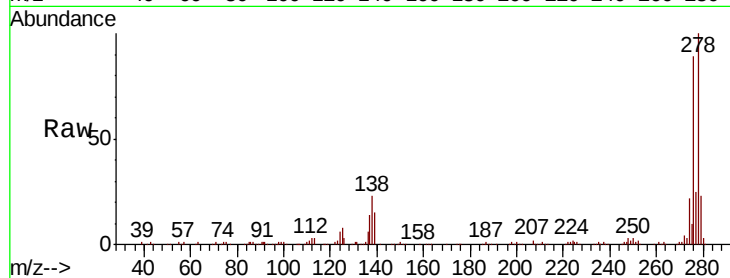
#91
Dibenzo(a,h)anthracene
Concen: 42.159 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Instrument :
BNA_F
ClientSampleId :
PB125777BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.9	17.9
279	22.9	18.6	27.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:43 PM

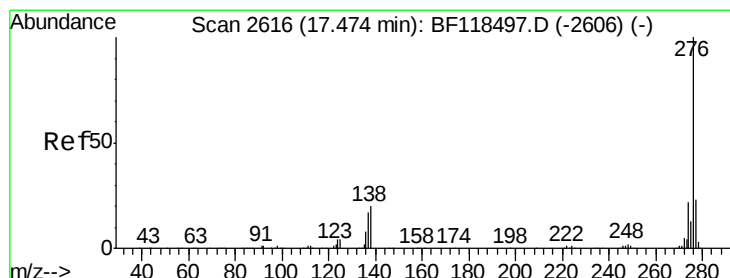
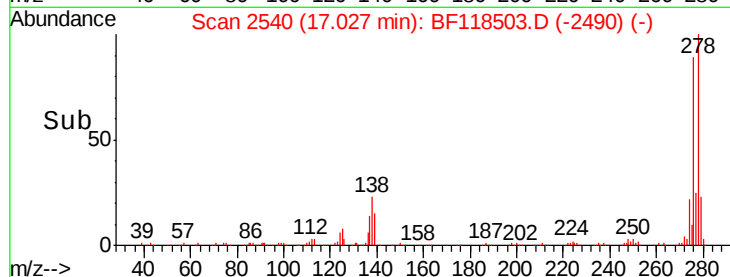
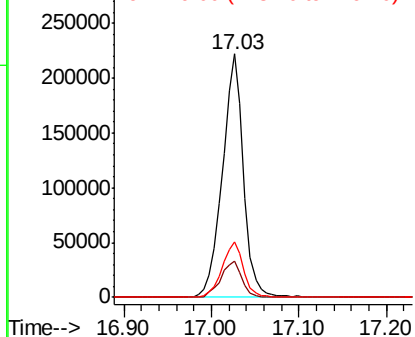


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.135 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF118503.D
Acq: 8 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.4
138	20.1	16.3	24.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

