

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118752.D
 Acq On : 30 Jan 2020 15:36
 Operator : CG/JU
 Sample : PB126458BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BSD

Manual Integrations
 APPROVED

mohammad
 2/3/2020 7:57:01 AM

Quant Time: Jan 30 22:20:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	315742	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1184615	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	692432	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1299752	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	1004580	20.00	ng	-0.01
87) Perylene-d12	15.46	264	1035782	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1832897	107.81	ng	0.00
7) Phenol-d6	6.47	99	2304858	104.31	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1336606	63.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	904096	112.89	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2756362	65.43	ng	-0.02
79) Terphenyl-d14	12.95	244	3382952	73.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	299755	36.404	ng	99
3) Pyridine	3.45	79	748312	32.243	ng	99
4) n-Nitrosodimethylamine	3.39	42	312501	31.408	ng	98
6) Aniline	6.50	93	887964	30.519	ng	100
8) 2-Chlorophenol	6.63	128	785873	41.184	ng	95
9) Benzaldehyde	6.39	77	406102	30.220	ng	95
10) Phenol	6.49	94	957040	38.006	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	721801	38.634	ng	97
12) 1,3-Dichlorobenzene	6.79	146	882835	39.528	ng	99
13) 1,4-Dichlorobenzene	6.86	146	896691	39.995	ng	99
14) 1,2-Dichlorobenzene	7.02	146	827812	39.278	ng	99
15) Benzyl Alcohol	6.98	79	683771	39.022	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866639	33.303	ng	98
17) 2-Methylphenol	7.10	107	658736	41.444	ng	99
18) Hexachloroethane	7.36	117	310654	38.213	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	533658	35.768	ng	100
20) 3+4-Methylphenols	7.25	107	779352	40.160	ng	97
22) Acetophenone	7.25	105	1029340	36.680	ng	96
24) Nitrobenzene	7.42	77	809052	37.308	ng	99
25) Isophorone	7.66	82	1513913	39.191	ng	100
26) 2-Nitrophenol	7.74	139	445982	48.226	ng	98
27) 2,4-Dimethylphenol	7.78	122	739107	46.284	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	934252	37.535	ng	99
29) 2,4-Dichlorophenol	7.98	162	719468	40.756	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	803591	39.260	ng	98
31) Naphthalene	8.15	128	2248457	42.017	ng	100
32) Benzoic acid	7.90	122	487607	40.686	ng	97
33) 4-Chloroaniline	8.19	127	507278	20.510	ng	98
34) Hexachlorobutadiene	8.27	225	476724	38.246	ng	99
35) Caprolactam	8.56	113	234148m	40.531	ng	
36) 4-Chloro-3-methylphenol	8.67	107	730840	41.925	ng	100
37) 2-Methylnaphthalene	8.84	142	1609789	42.618	ng	99
38) 1-Methylnaphthalene	8.94	142	1512591	42.150	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	775182	35.779	ng	99

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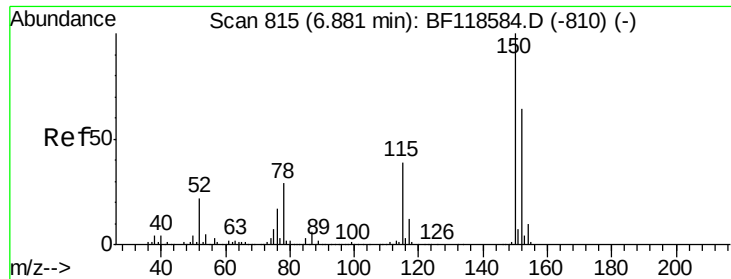
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	915860	83.785	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	558917	38.876	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	584522	39.809	nq	98
46) 1,1'-Biphenyl	9.30	154	1919304	40.218	nq	99
47) 2-Chloronaphthalene	9.33	162	1560352	38.792	nq	99
48) 2-Nitroaniline	9.42	65	427604	34.582	nq	94
49) Acenaphthylene	9.75	152	2389679	42.230	nq	99
50) Dimethylphthalate	9.60	163	1866330	41.370	nq	99
51) 2,6-Dinitrotoluene	9.66	165	440192	43.575	nq	97
52) Acenaphthene	9.92	154	1653029	43.687	nq	99
53) 3-Nitroaniline	9.83	138	284937	24.702	nq	98
54) 2,4-Dinitrophenol	9.94	184	419511	104.020	nq	92
55) Dibenzofuran	10.09	168	2189816	41.761	nq	98
56) 4-Nitrophenol	10.00	139	720965	82.794	nq	96
57) 2,4-Dinitrotoluene	10.07	165	582227	45.719	nq	98
58) Fluorene	10.43	166	1637555	39.780	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	524162	40.586	nq	100
60) Diethylphthalate	10.30	149	1862148	42.573	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	883559	39.464	nq	95
62) 4-Nitroaniline	10.45	138	433502	36.637	nq	99
63) Azobenzene	10.59	77	1619565	38.233	nq	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	324926	56.852	nq	98
66) n-Nitrosodiphenylamine	10.54	169	1556427	39.707	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	614633	38.276	nq	96
68) Hexachlorobenzene	10.99	284	686637	37.716	nq	97
69) Atrazine	11.07	200	589799	43.412	nq	99
70) Pentachlorophenol	11.17	266	747415	73.841	nq	98
71) Phenanthrene	11.39	178	2533958	40.410	nq	99
72) Anthracene	11.44	178	2592717	41.787	nq	99
73) Carbazole	11.60	167	2260930	39.727	nq	99
74) Di-n-butylphthalate	11.93	149	2803402	44.336	nq	99
75) Fluoranthene	12.58	202	2757538	41.695	nq	100
77) Benzidine	12.70	184	1593801	59.378	nq	99
78) Pyrene	12.81	202	2810518	41.209	nq	100
80) Butylbenzylphthalate	13.43	149	1250946	44.817	nq	95
81) Benzo(a)anthracene	14.00	228	2379298	39.372	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	582703	27.060	nq	99
83) Chrysene	14.04	228	2391110	41.285	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1644444	48.222	nq	100
85) Di-n-octyl phthalate	14.60	149	2813622	55.742	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2245539	44.622	nq	99
88) Benzo(b)fluoranthene	15.04	252	2497954	38.367	nq	100
89) Benzo(k)fluoranthene	15.07	252	2349160	38.946	nq	99
90) Benzo(a)pyrene	15.40	252	2150126	38.284	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1892143	38.087	nq	98
92) Benzo(g,h,i)perylene	17.36	276	1805041	37.421	nq	99

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



#1

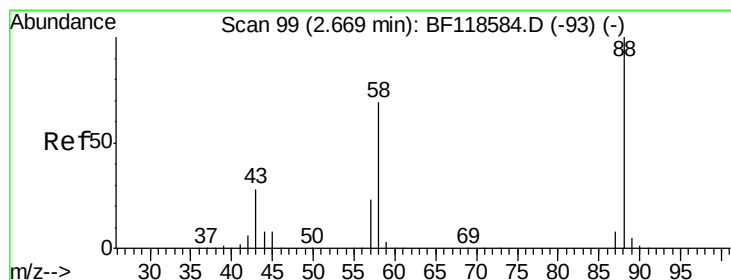
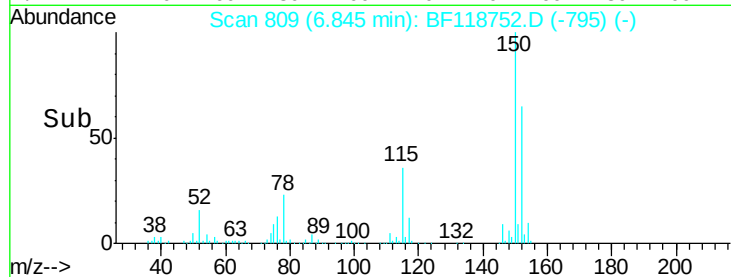
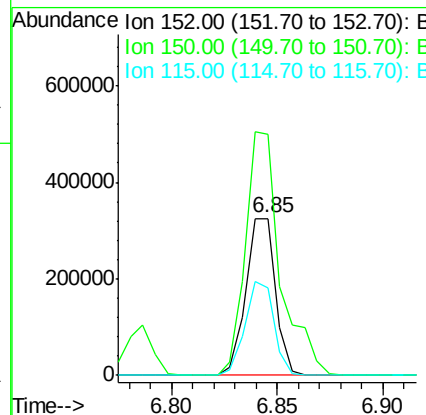
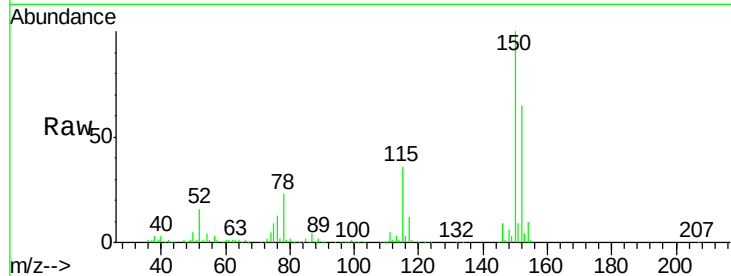
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	56.0	45.1	67.7

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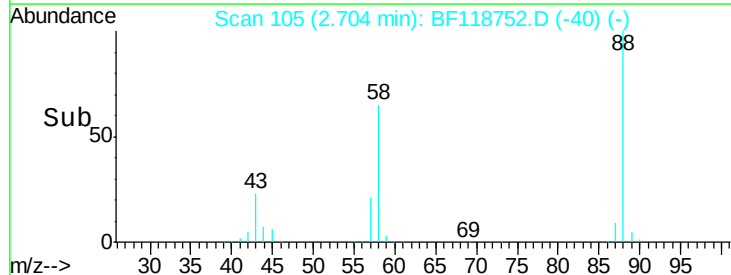
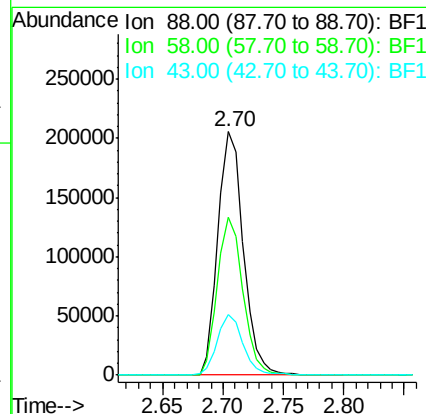
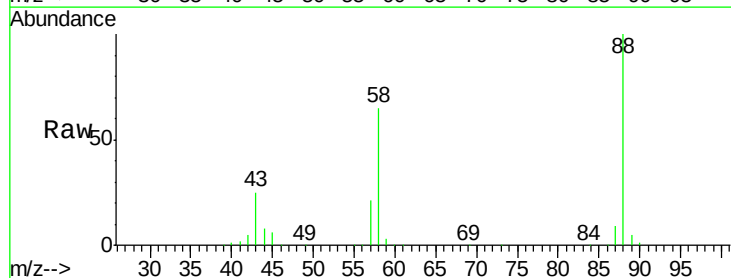
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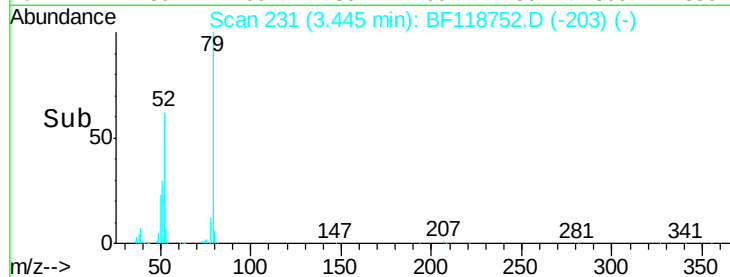
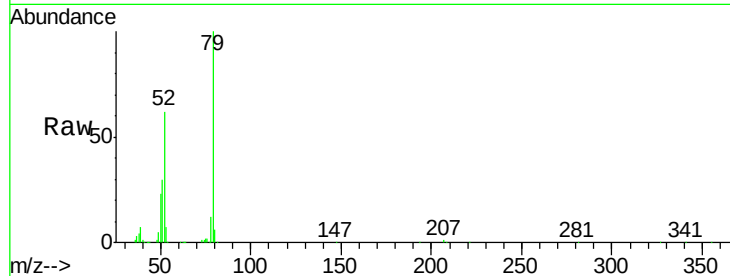
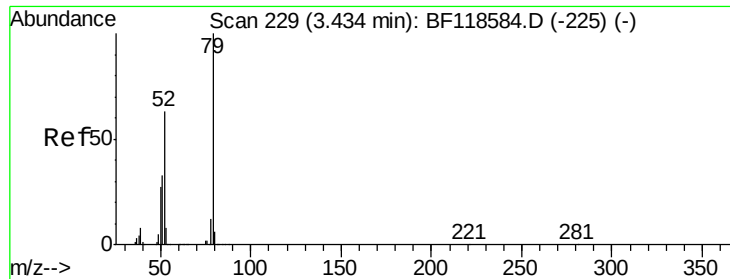


#2

1,4-Dioxane
Concen: 36.404 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.08 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	51.9	77.9
43	24.4	19.3	28.9





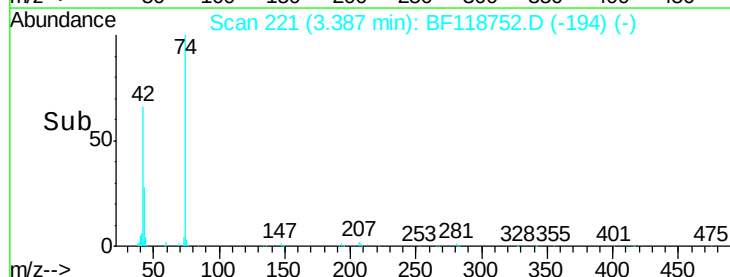
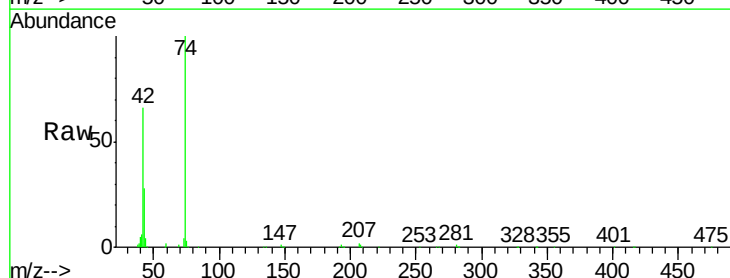
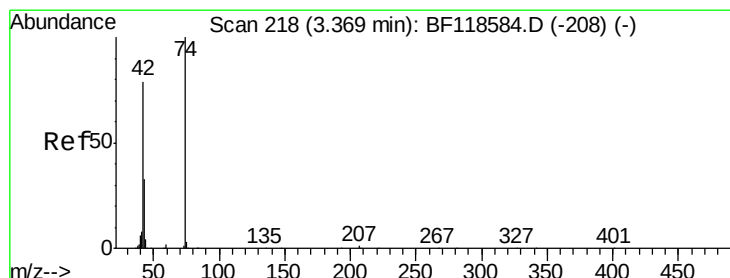
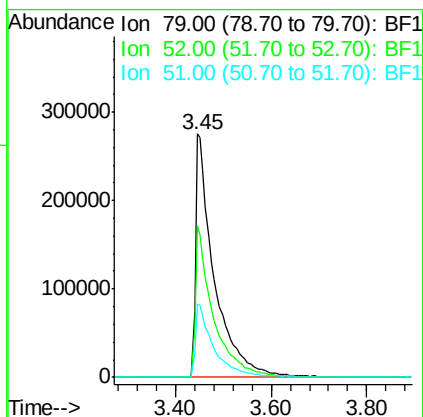
#3
Pvridine
Concen: 32.243 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.06 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.0	48.8	73.2
51	30.2	24.4	36.6

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

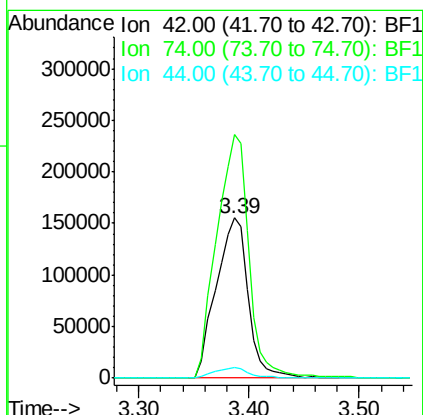
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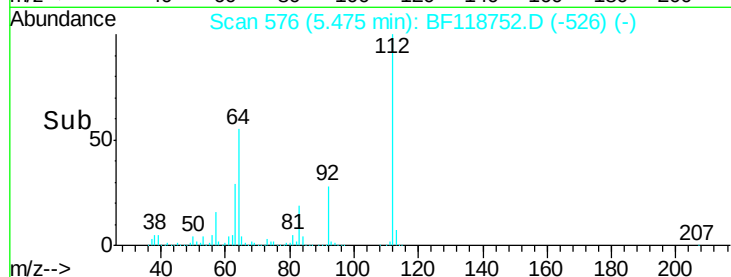
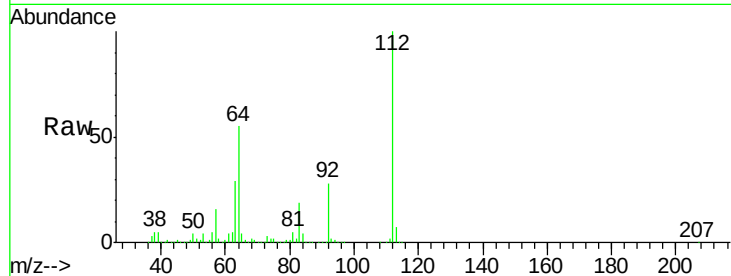
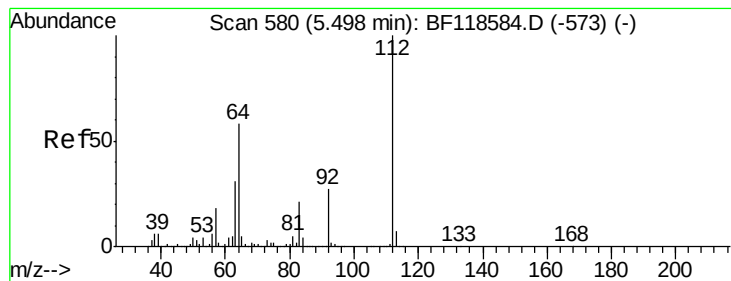
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#4
n-Nitrosodimethylamine
Concen: 31.408 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.06 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.1	123.5	185.3
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 107.814 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tot Ion:	112	Resp:	1832897
Ion	Ratio	Lower	Upper
112	100		
64	54.8	42.4	63.6
63	28.7	21.7	32.5

Instrument :

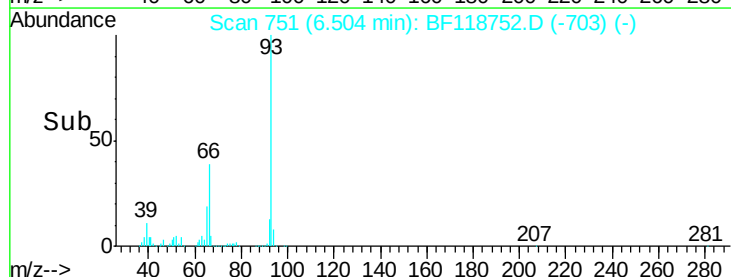
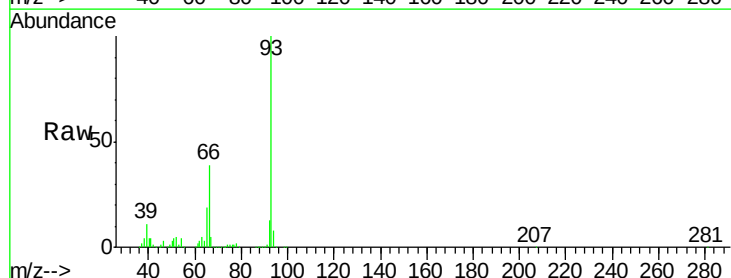
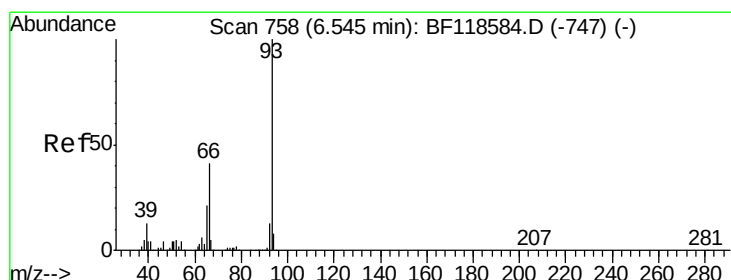
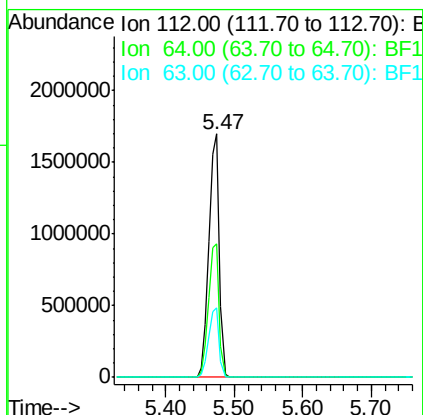
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 30.519 ng

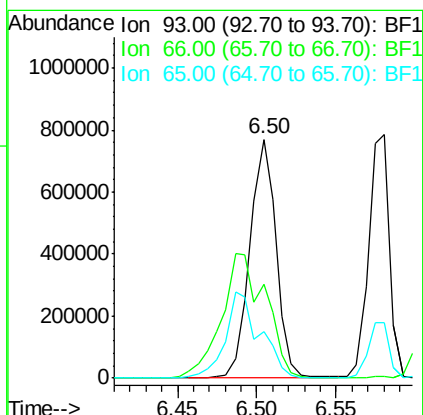
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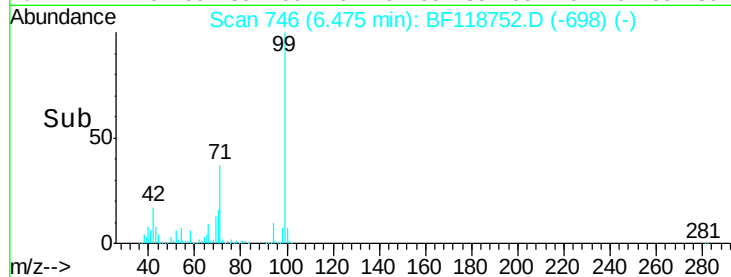
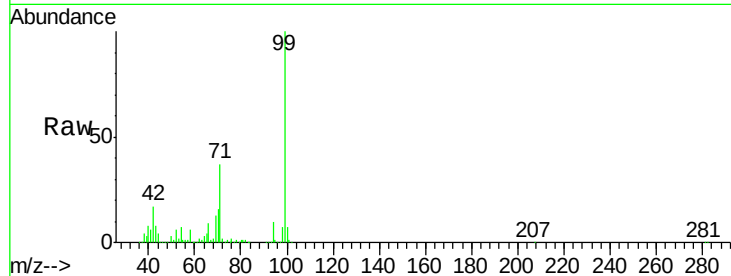
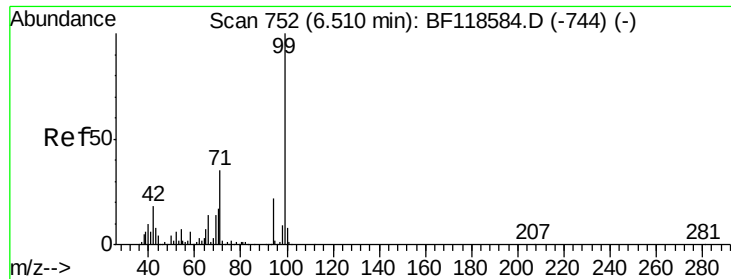
Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:	93	Resp:	887964
Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.3	46.9
65	19.2	15.3	22.9





#7

Phenol-d6

Concen: 104.310 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tot Ion: 99 Resp: 2304858

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 36.6 28.4 42.6

Instrument :

BNA_F

ClientSampleId :

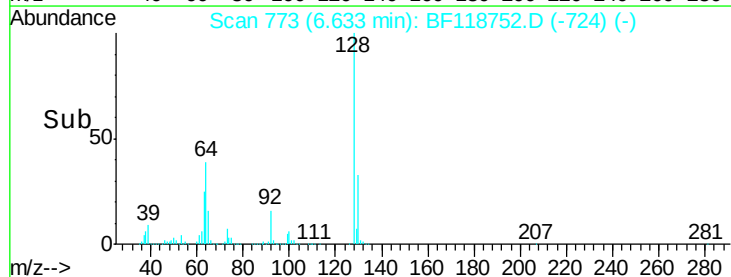
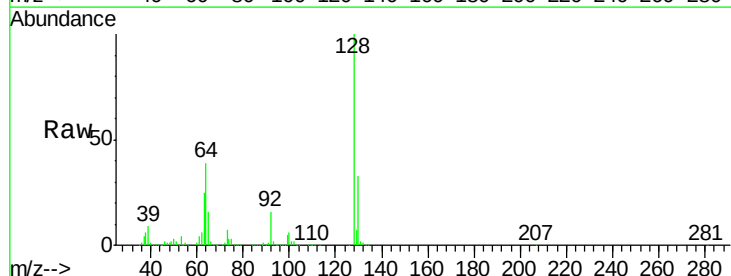
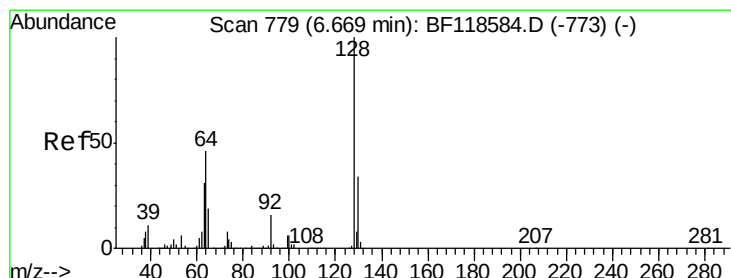
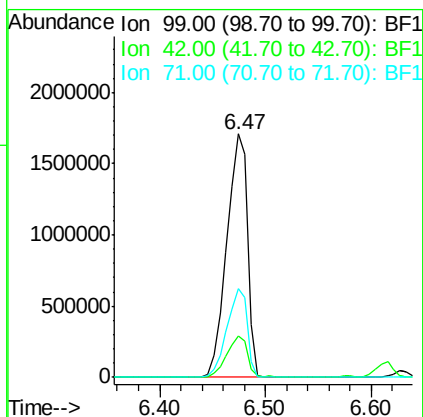
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#8

2-Chlorophenol

Concen: 41.184 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

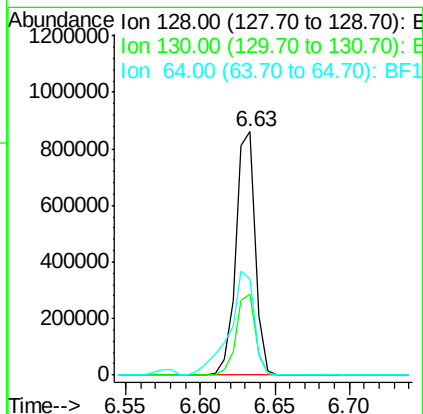
Tgt Ion:128 Resp: 785873

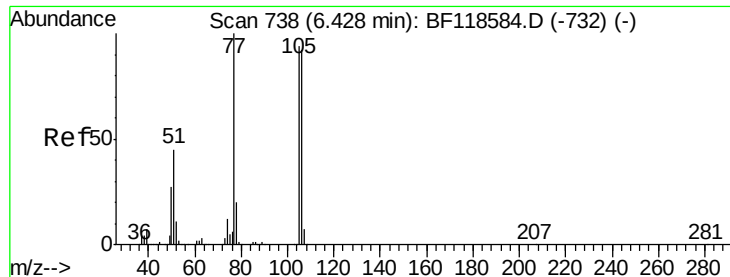
Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

64 39.4 24.5 64.5





#9

Benzaldehyde

Concen: 30.220 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

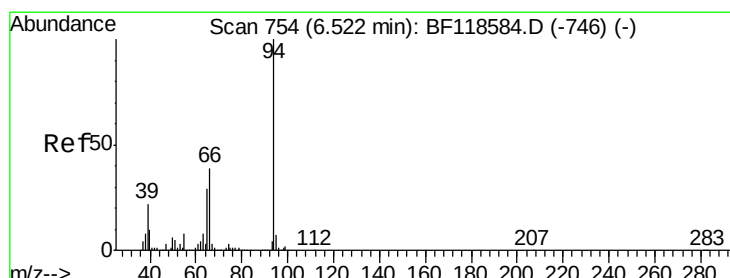
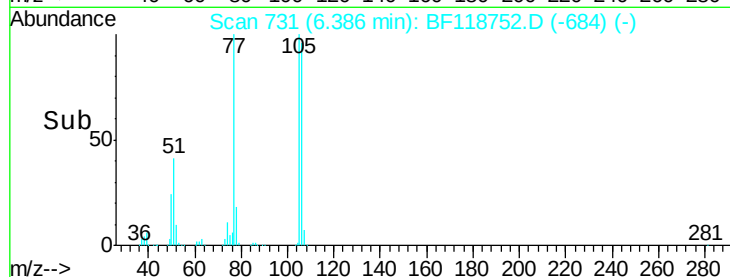
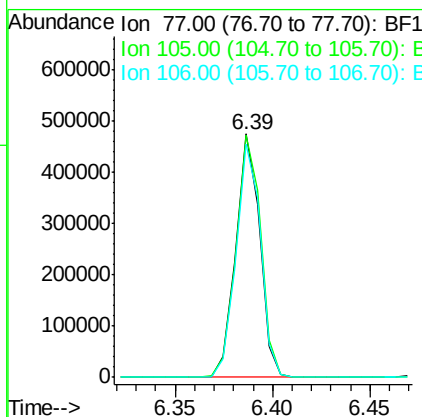
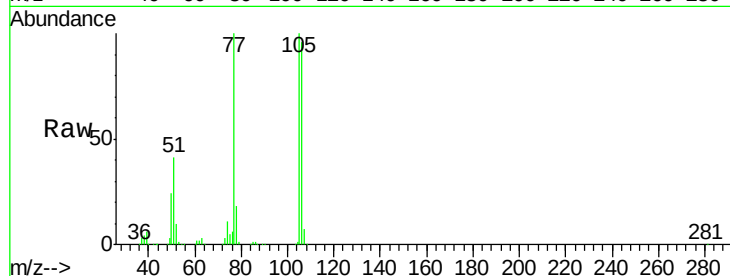
ClientSampleId :

PB126458BSD

Tot Ion:	77	Resp:	406102
Ion Ratio	Lower	Upper	
77	100		
105	99.7	84.3	124.3
106	95.7	80.4	120.4

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#10

Phenol

Concen: 38.006 ng

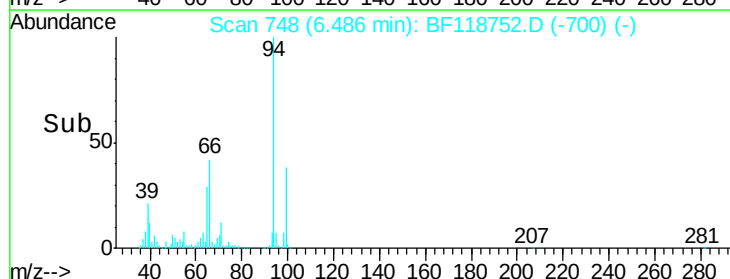
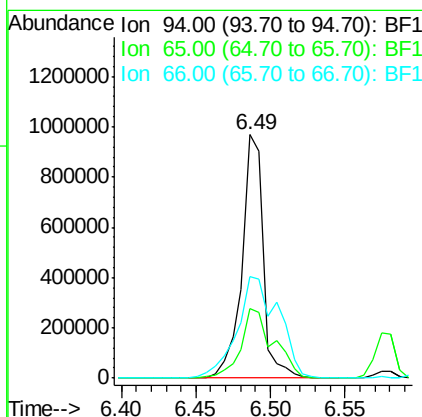
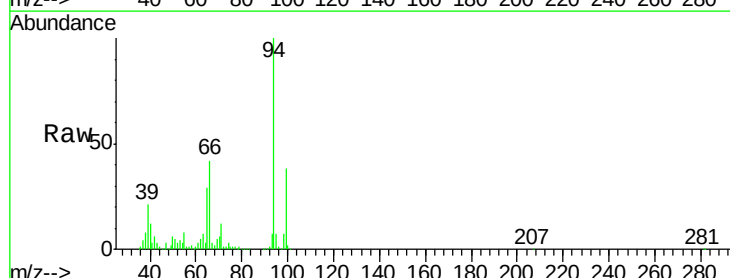
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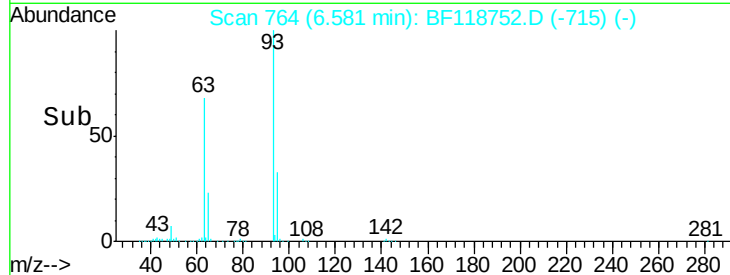
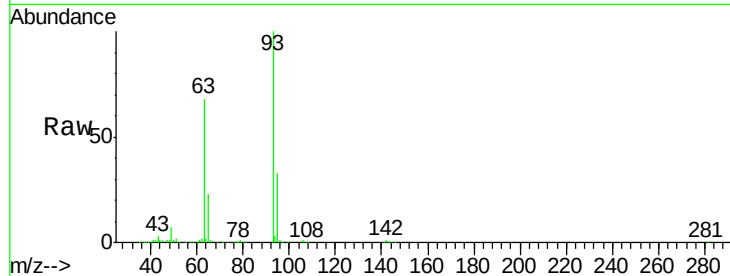
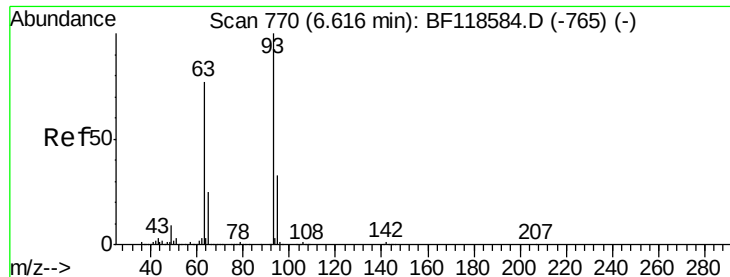
Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:	94	Resp:	957040
Ion Ratio	Lower	Upper	
94	100		
65	28.7	7.9	47.9
66	41.6	19.1	59.1





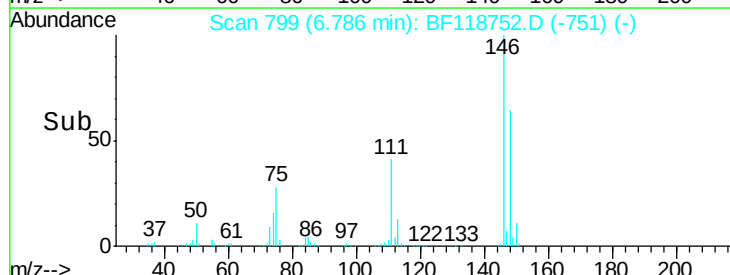
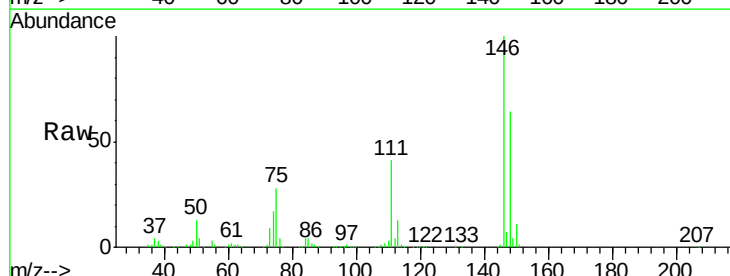
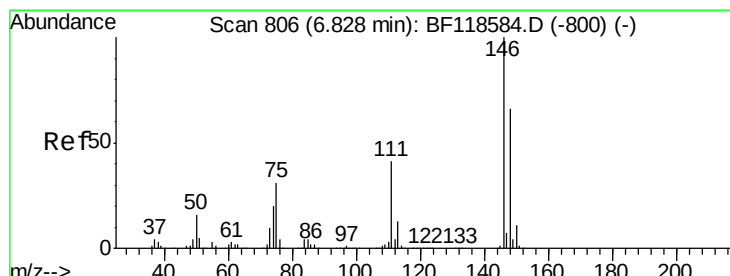
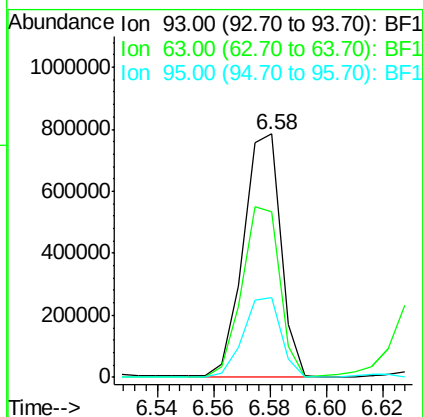
#11
bis(2-Chloroethyl)ether
Concen: 38.634 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		721801		
63	68.2	52.1	92.1		
95	32.8	13.2	53.2		

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

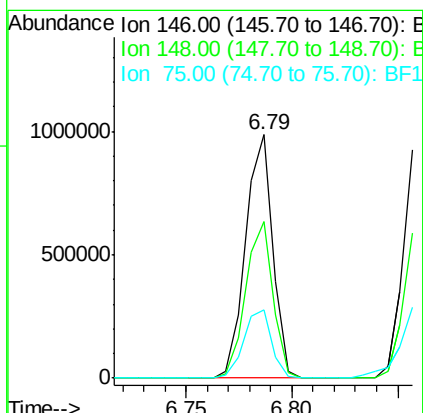
Manual Integrations
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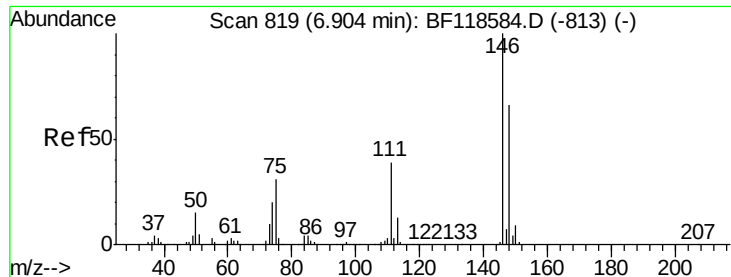
mohammad
2/3/2020 7:57:01 AM



#12
1,3-Dichlorobenzene
Concen: 39.528 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		882835		
148	64.5	52.2	78.4		
75	28.3	23.1	34.7		





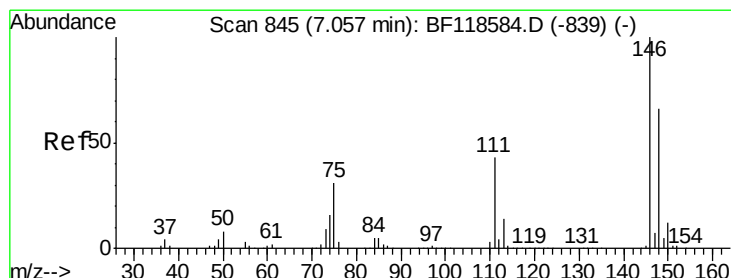
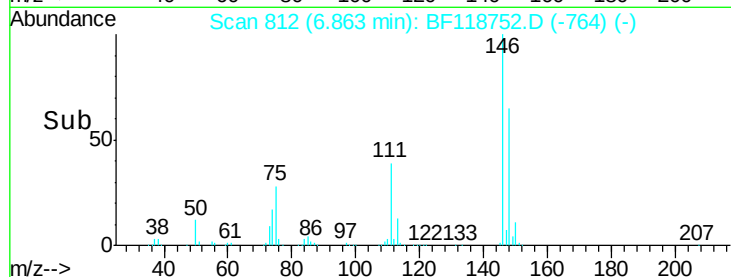
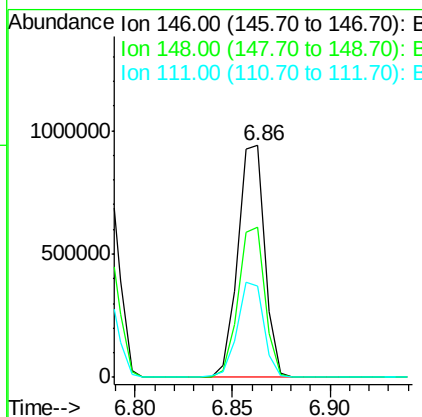
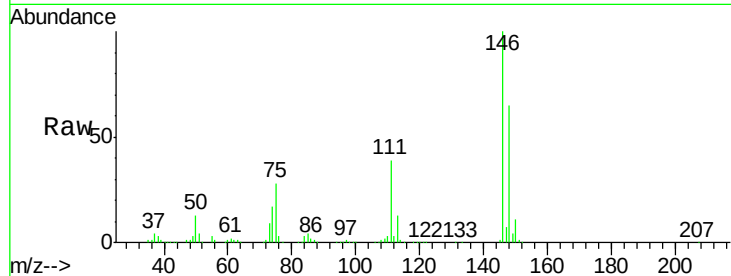
#13
1,4-Dichlorobenzene
Concen: 39.995 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampled :
PB126458BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.5	77.3
111	39.2	31.8	47.6

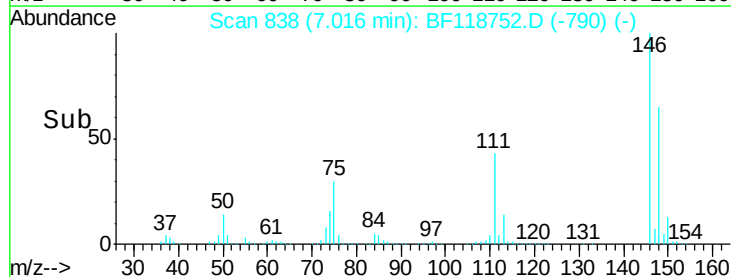
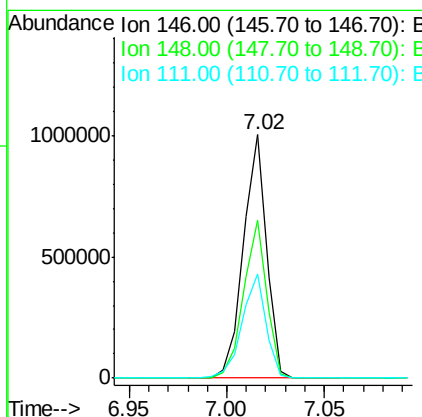
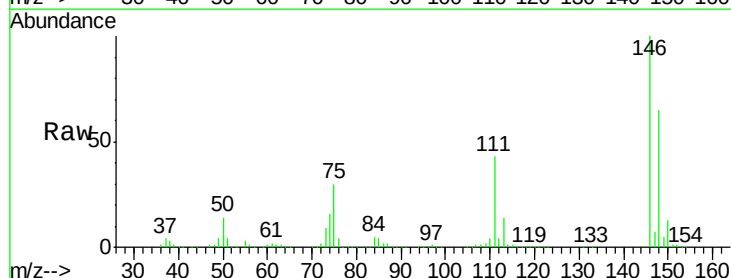
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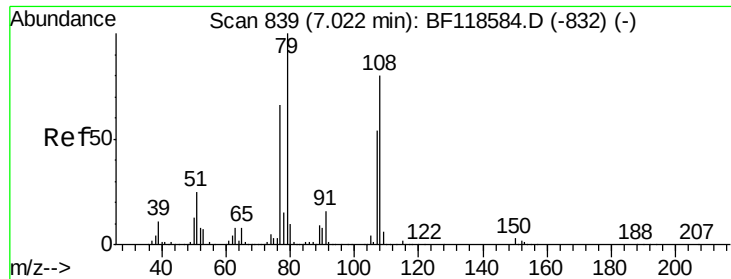
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.278 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
111	42.8	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.022 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

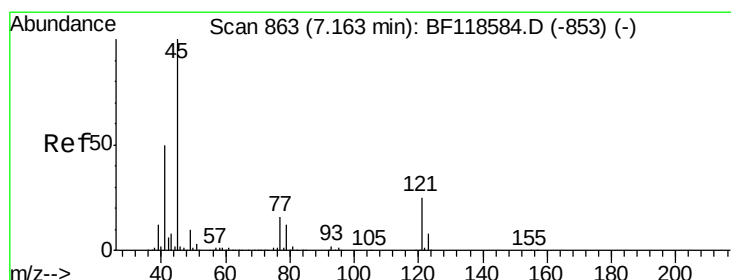
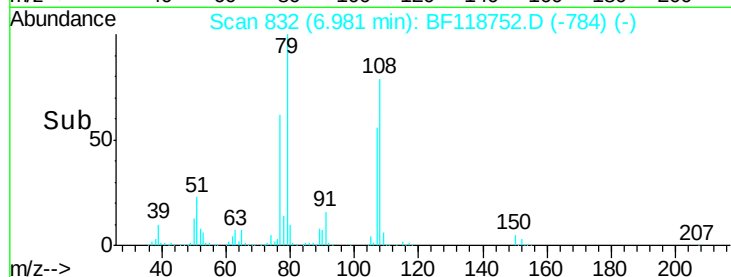
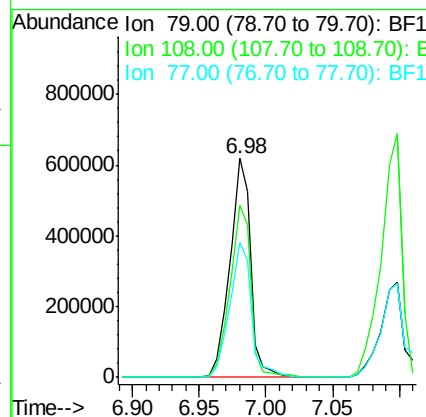
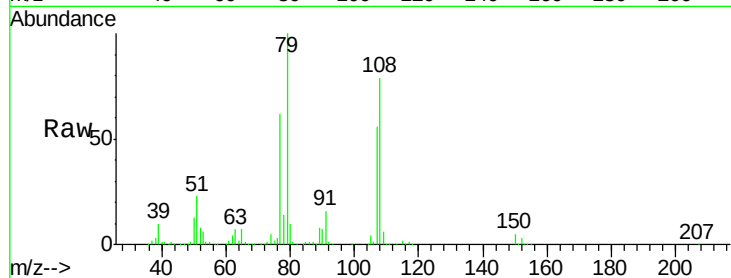
ClientSampleId :

PB126458BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	63.4	95.2
77	61.9	49.8	74.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.303 ng

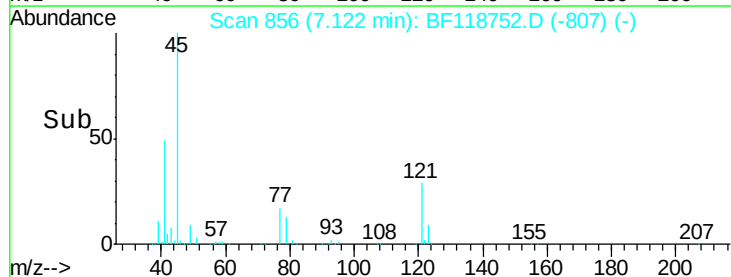
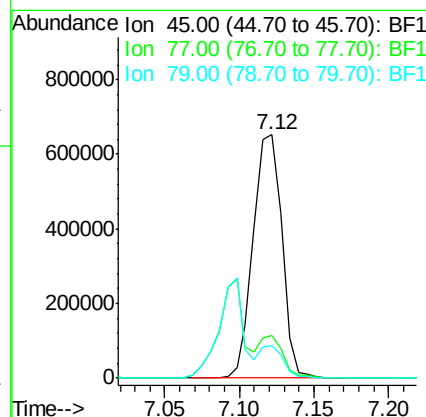
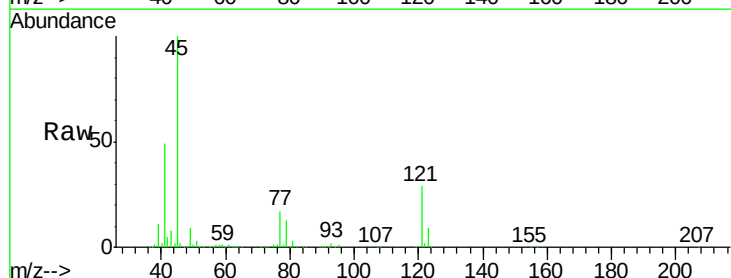
RT: 7.12 min Scan# 856

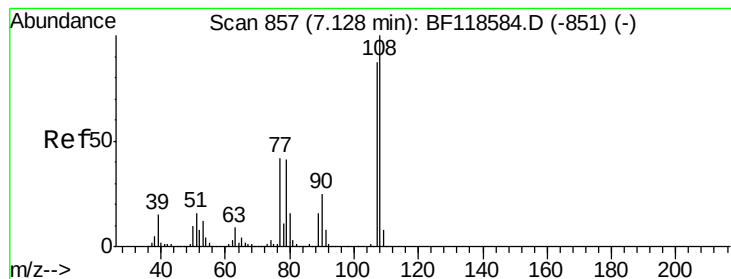
Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	36.9
79	13.5	0.0	32.5





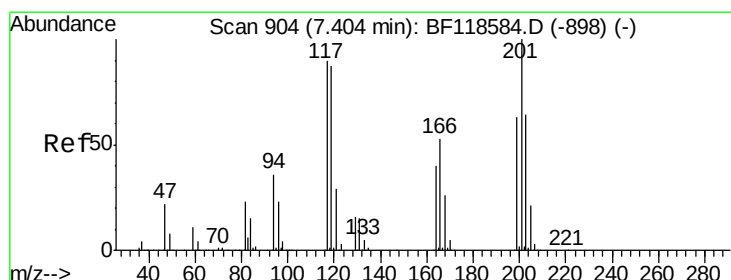
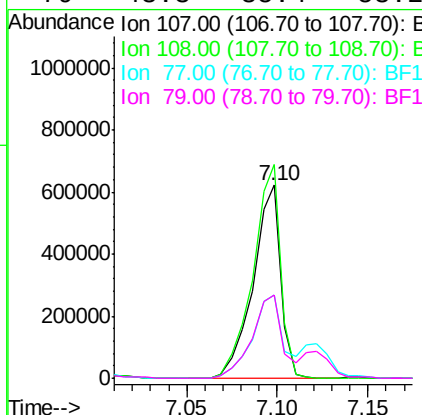
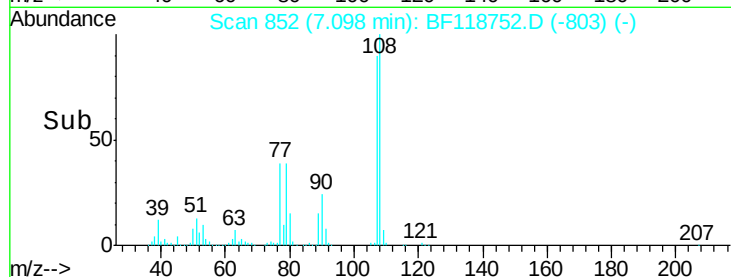
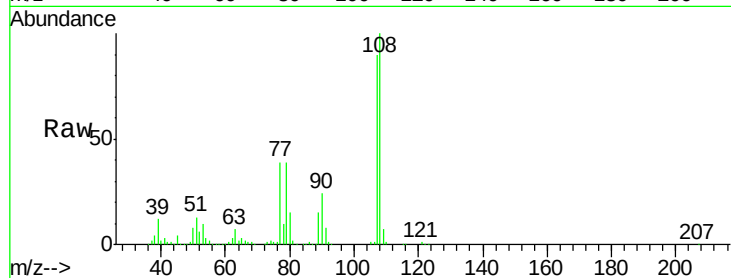
#17
2-Methylphenol
Concen: 41.444 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	88.0	132.0	
77	42.9	35.3	52.9	
79	43.3	35.4	53.2	

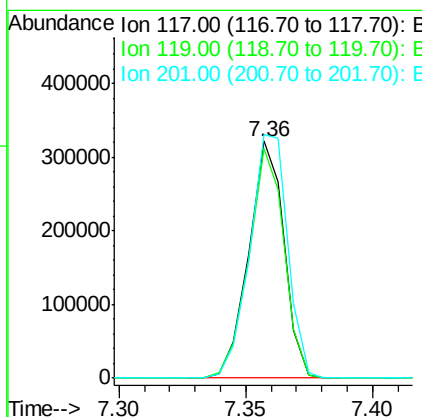
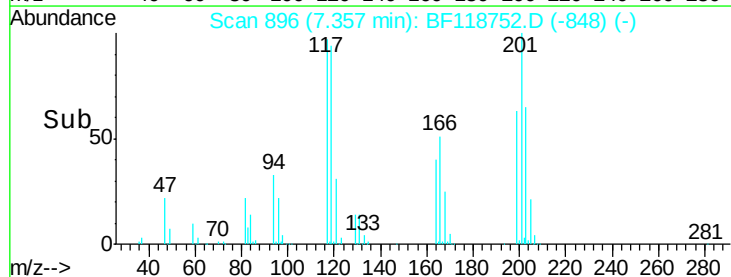
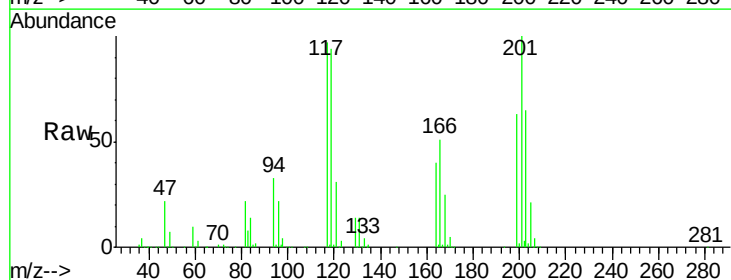
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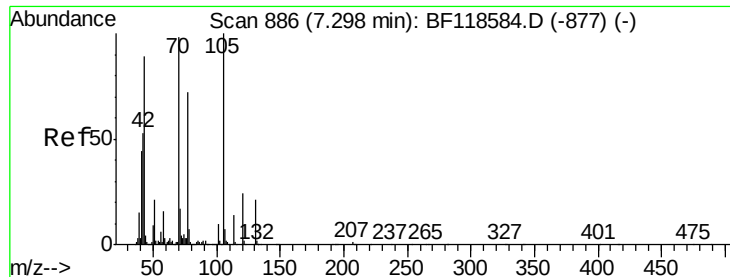
mohammad
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#18
Hexachloroethane
Concen: 38.213 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.2	114.2	
201	102.8	83.3	124.9	





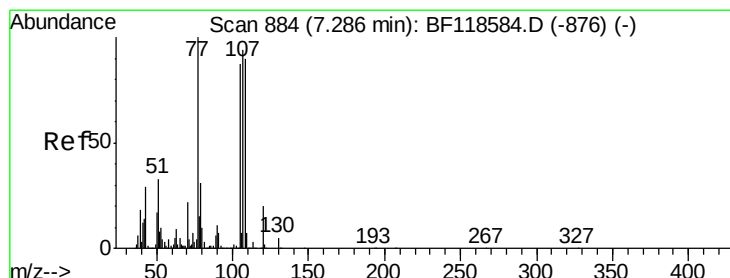
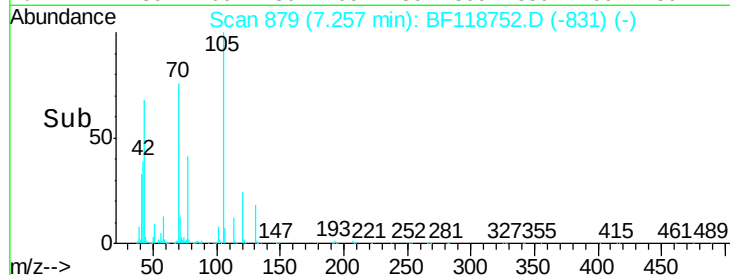
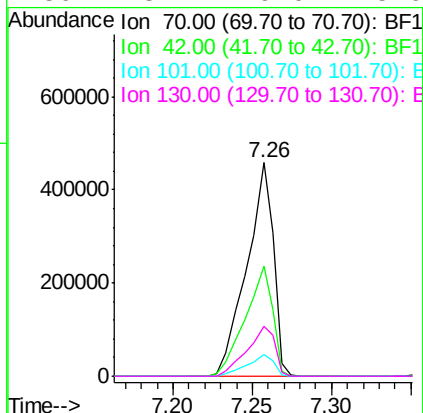
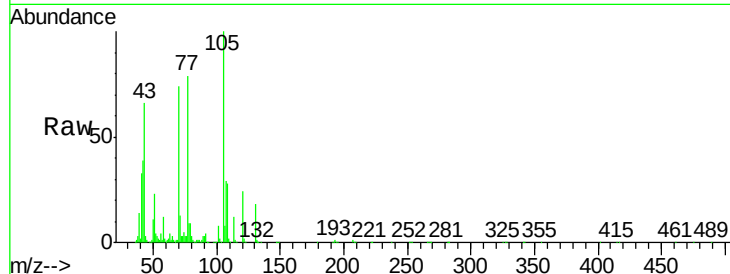
#19
n-Nitroso-di-n-propylamine
Concen: 35.768 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.8	41.6	62.4		
101	10.4	7.9	11.9		
130	23.7	19.0	28.6		

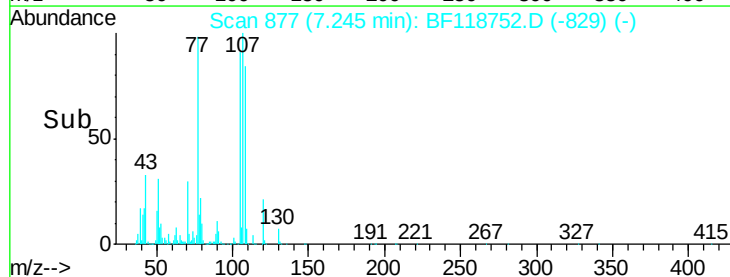
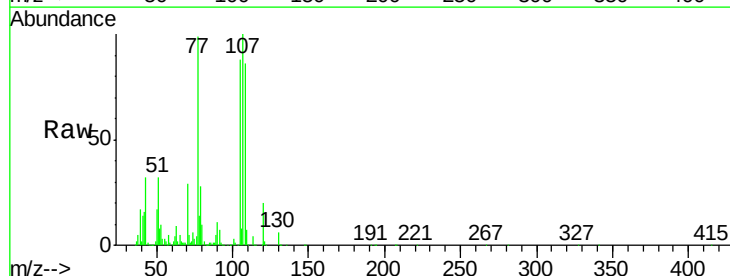
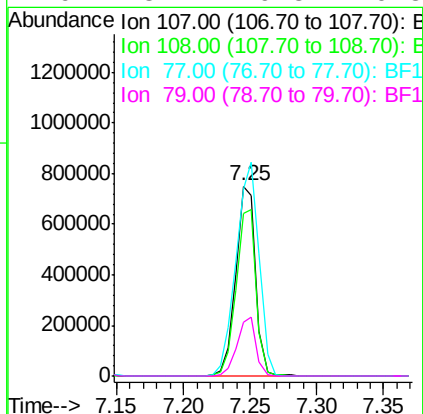
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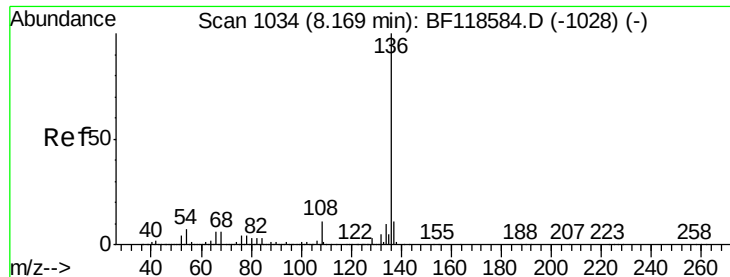
mohammad
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#20
3+4-Methylphenols
Concen: 40.160 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.0	67.5	107.5		
77	98.9	73.6	113.6		
79	28.4	9.3	49.3		





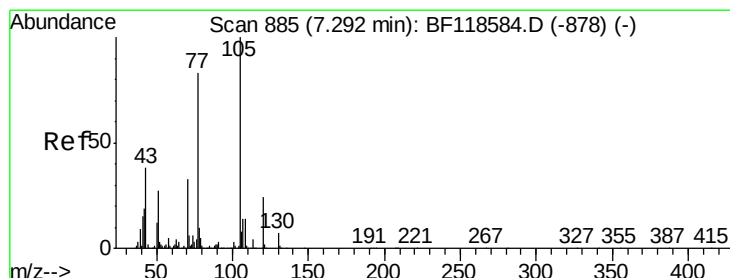
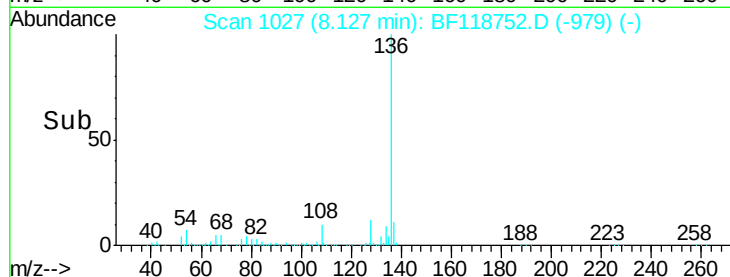
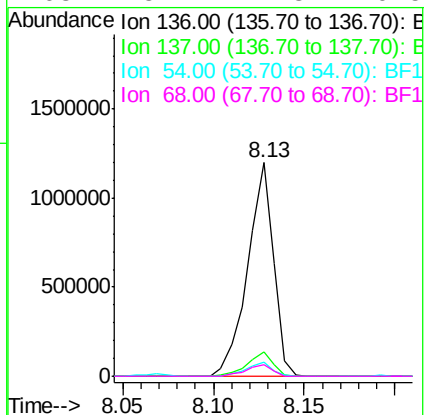
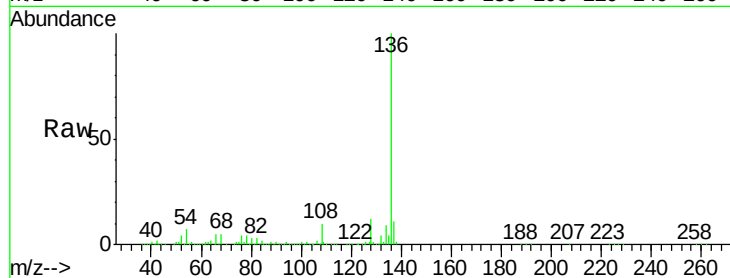
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1184615		
137	11.1		8.9	13.3	
54	6.5		5.1	7.7	
68	5.4		4.3	6.5	

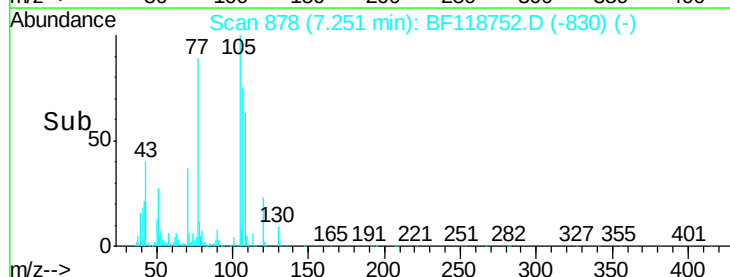
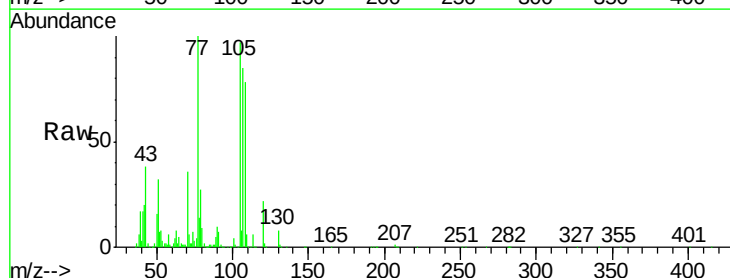
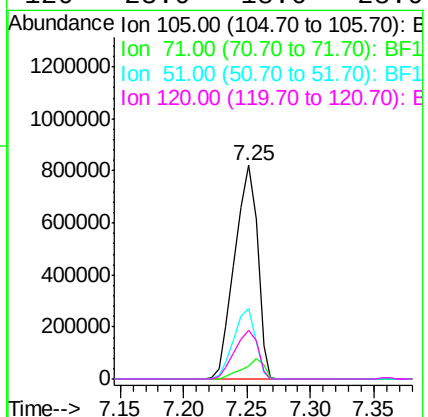
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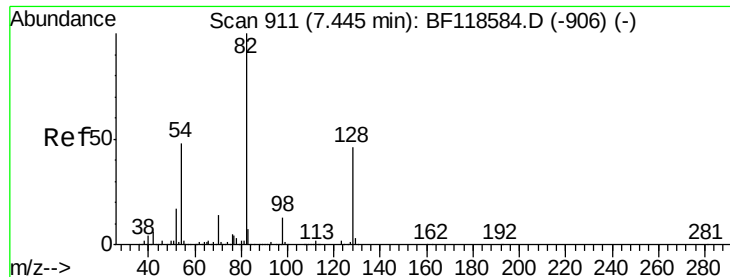
mohammad
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#22
Acetophenone
Concen: 36.680 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1029340		
71	6.3		4.3	6.5	
51	32.8		23.5	35.3	
120	23.0		18.6	28.0	





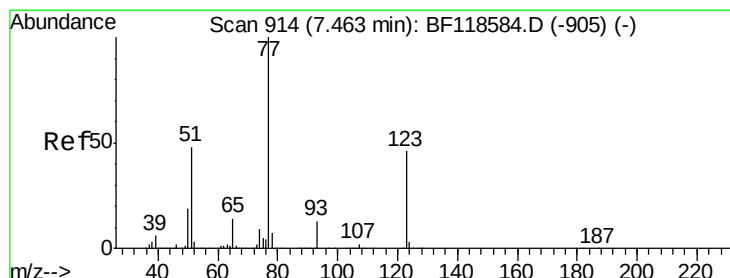
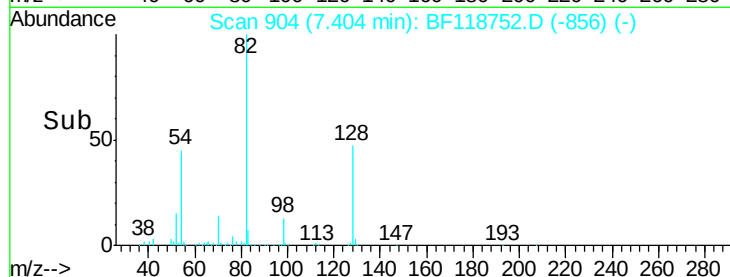
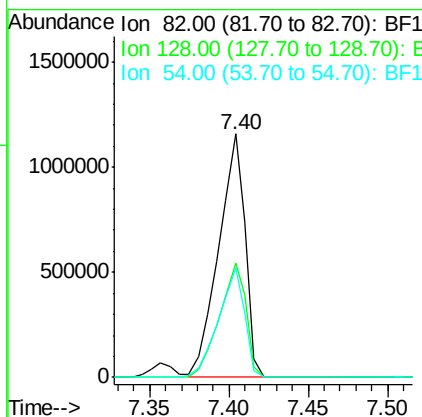
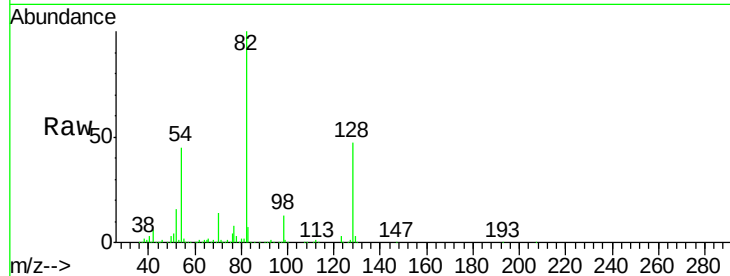
#23
 Nitrobenzene-d5
 Concen: 63.111 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.2	57.2
54	45.0	36.1	54.1

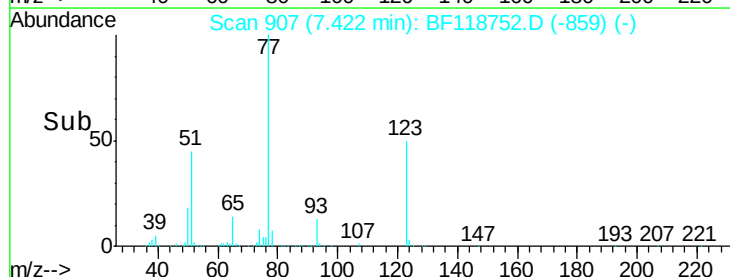
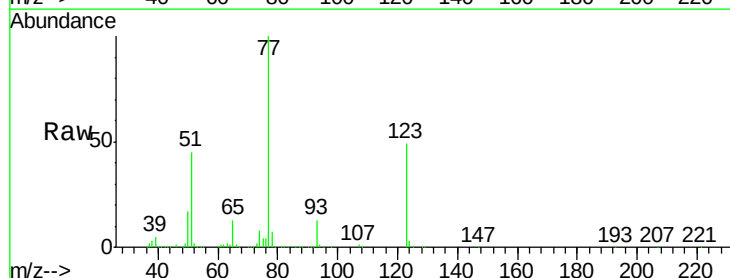
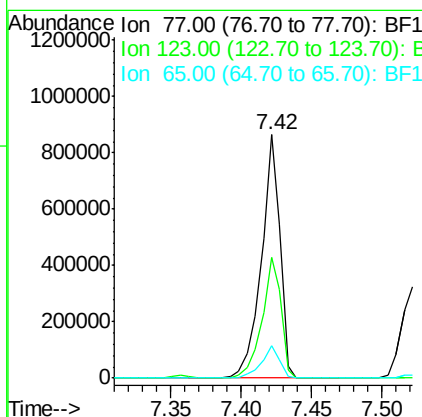
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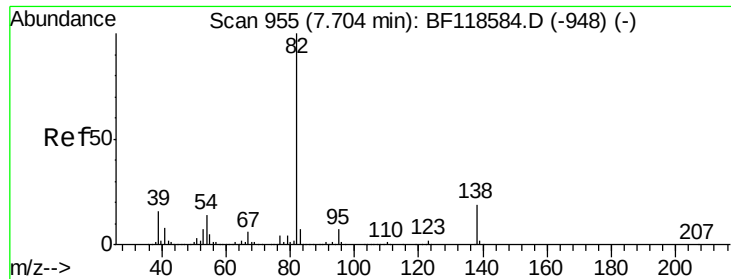
mohammad
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#24
 Nitrobenzene
 Concen: 37.308 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.2	58.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 39.191 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB126458BSD

Tot Ion: 82 Resp: 1513913

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

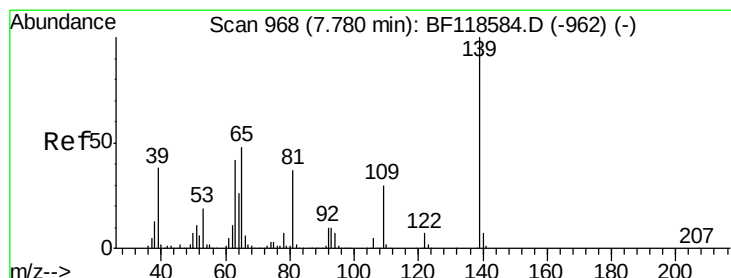
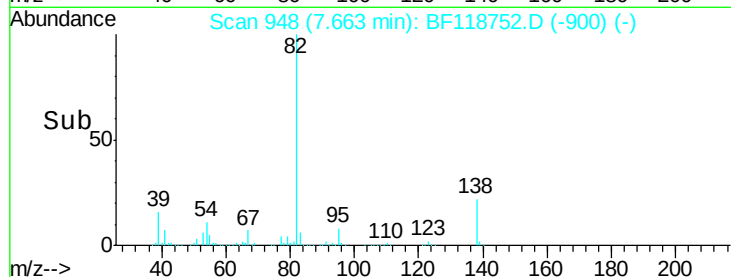
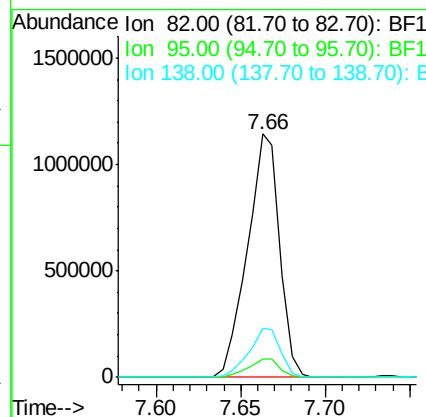
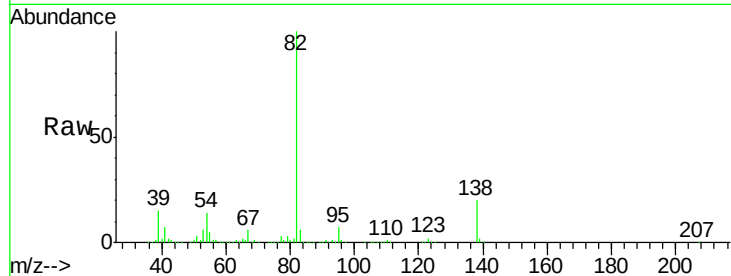
138 19.9 15.8 23.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.226 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

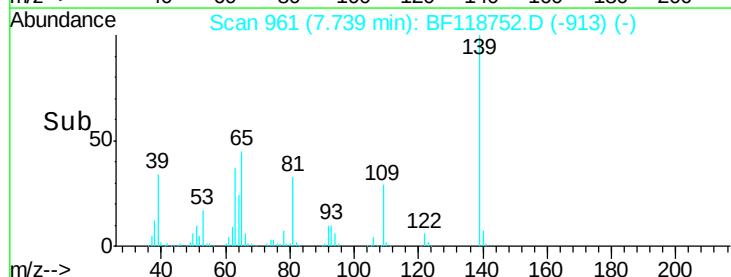
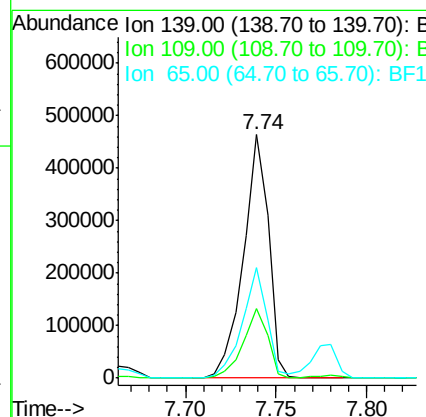
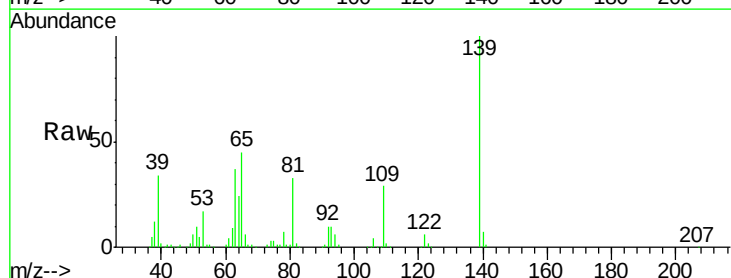
Tgt Ion: 139 Resp: 445982

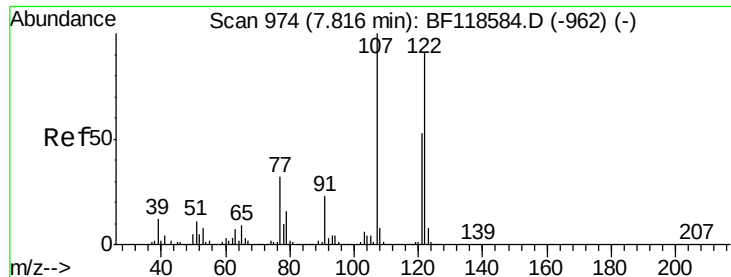
Ion Ratio Lower Upper

139 100

109 28.7 23.1 34.7

65 45.5 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 46.284 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

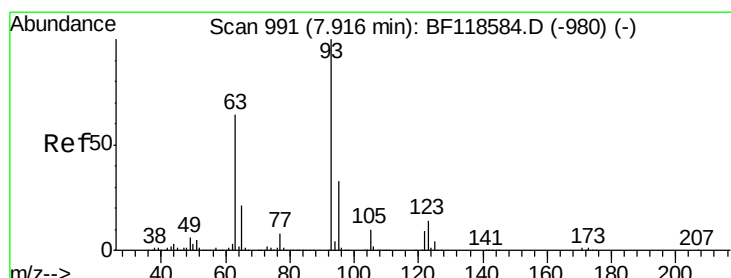
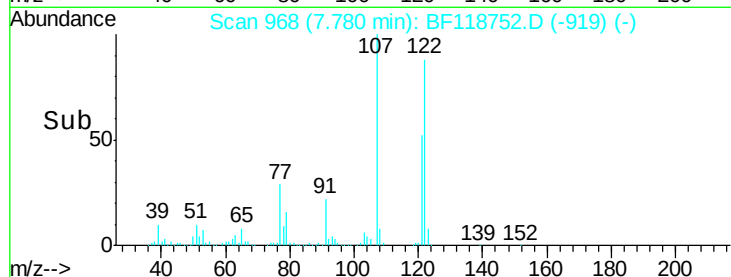
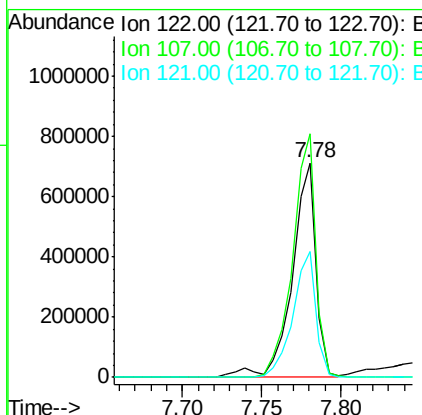
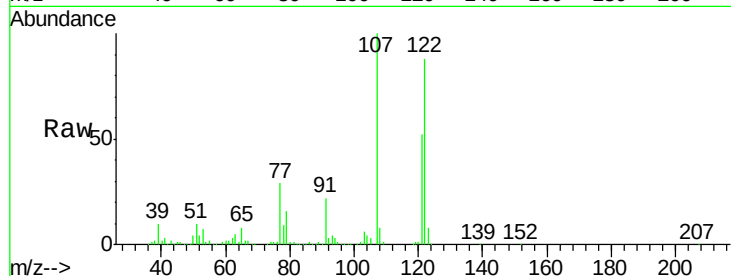
ClientSampleId :

PB126458BSD

Tot Ion:	122	Resp:	739107
Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.8	137.8
121	58.6	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 37.535 ng

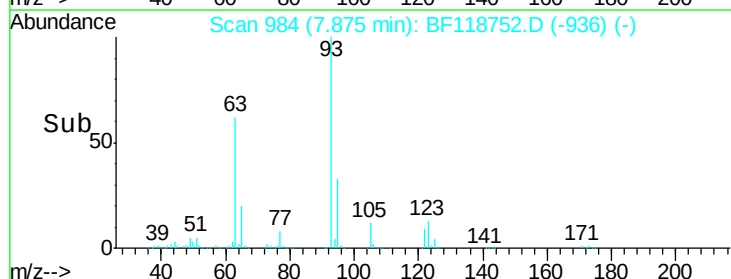
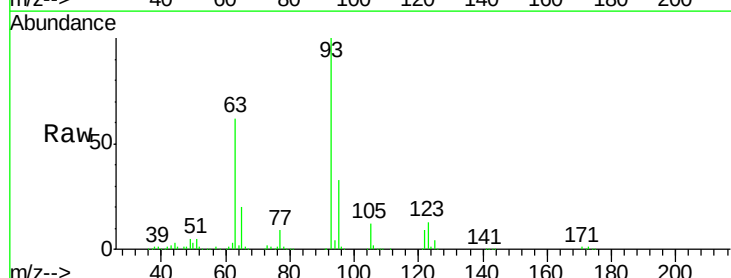
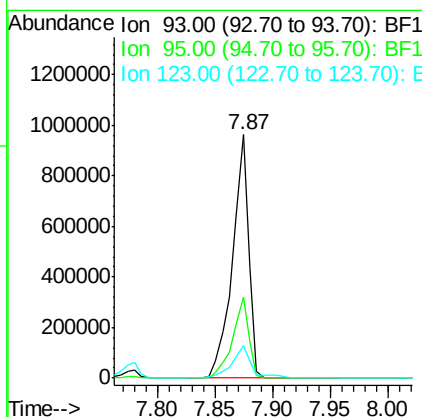
RT: 7.87 min Scan# 984

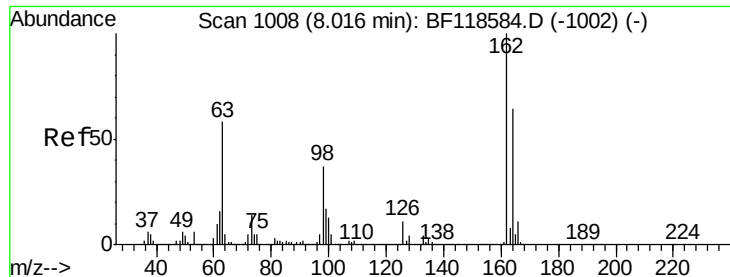
Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:	93	Resp:	934252
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	13.1	10.7	16.1





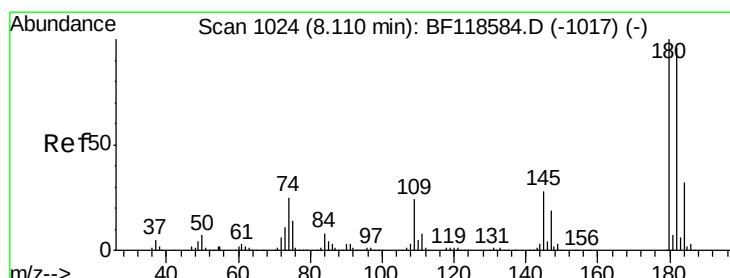
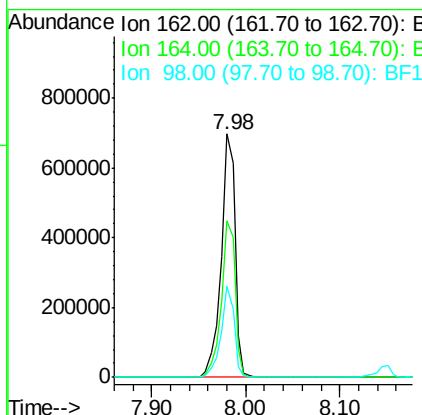
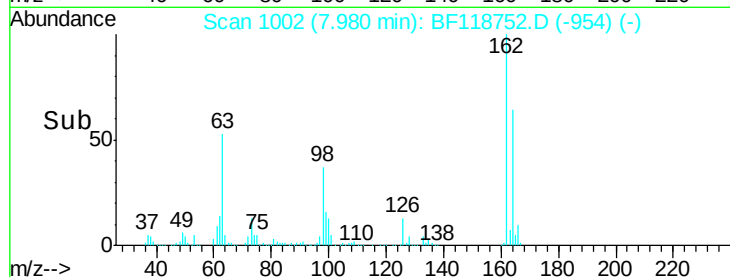
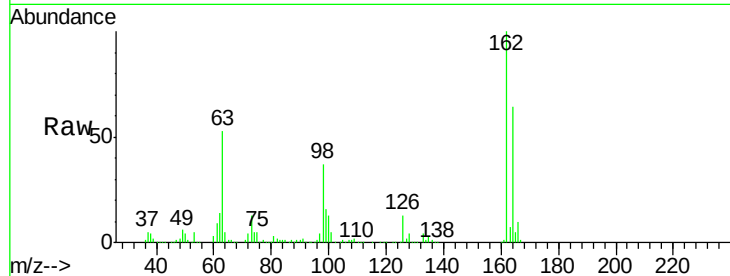
#29
2,4-Dichlorophenol
Concen: 40.756 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	719468		
164	64.3	43.8	83.8	
98	37.5	15.0	55.0	

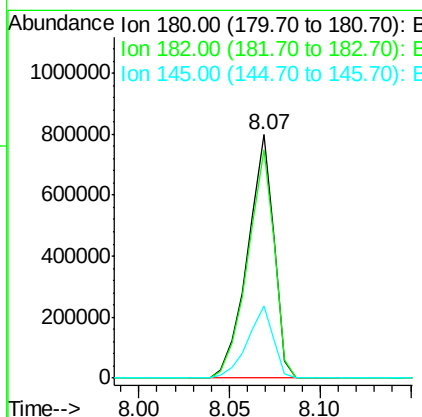
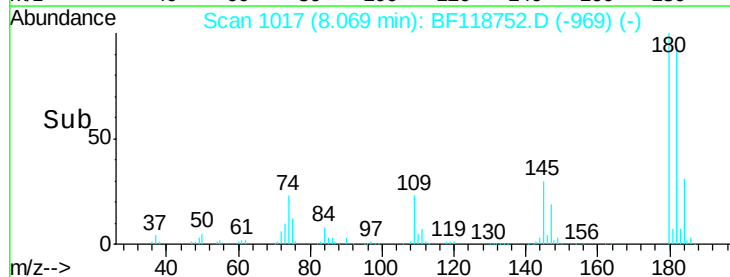
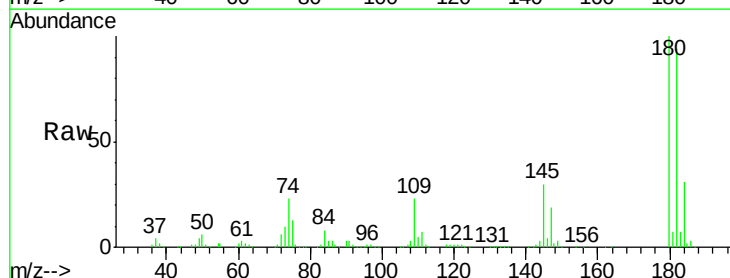
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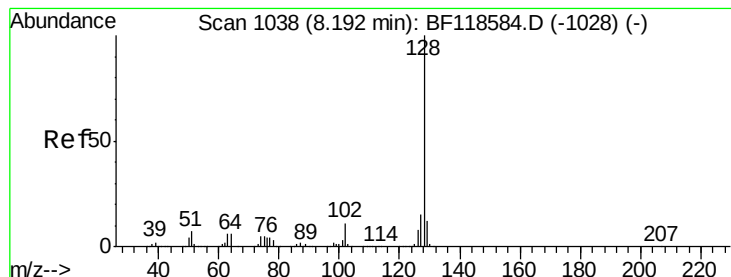
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#30
1,2,4-Trichlorobenzene
Concen: 39.260 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	803591		
182	94.0	77.0	115.4	
145	29.5	23.5	35.3	





#31

Naphthalene

Concen: 42.017 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB126458BSD

Tot Ion:128 Resp: 2248457

Ion Ratio Lower Upper

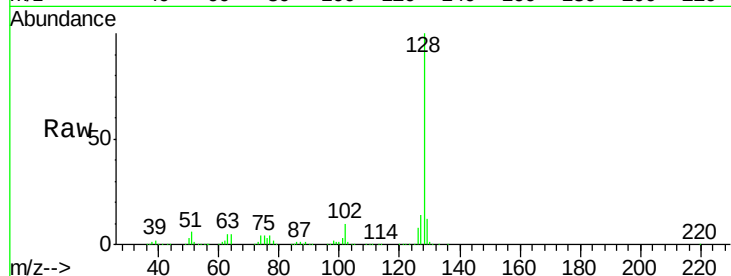
128 100

129 11.6 9.4 14.0

127 14.1 11.3 16.9

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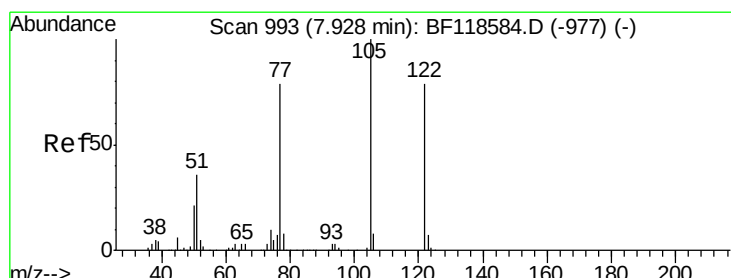
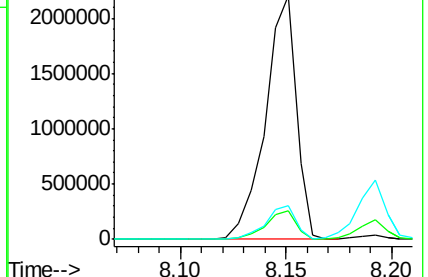
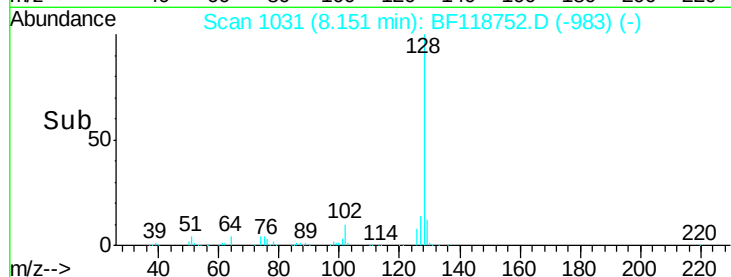
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.686 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

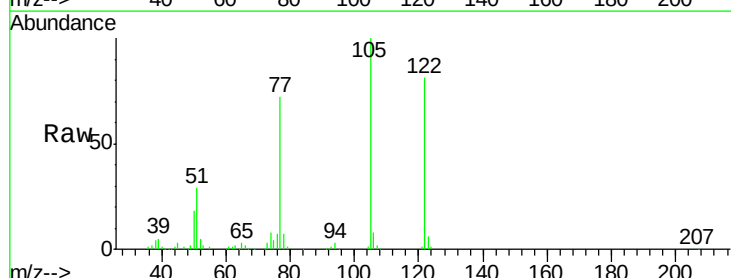
Tgt Ion:122 Resp: 487607

Ion Ratio Lower Upper

122 100

105 123.3 100.9 140.9

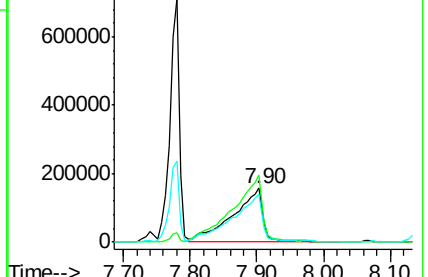
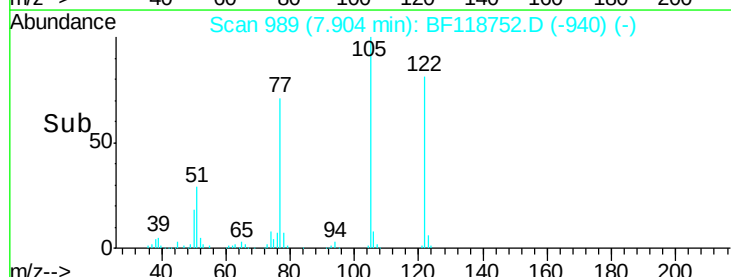
77 88.6 65.1 105.1

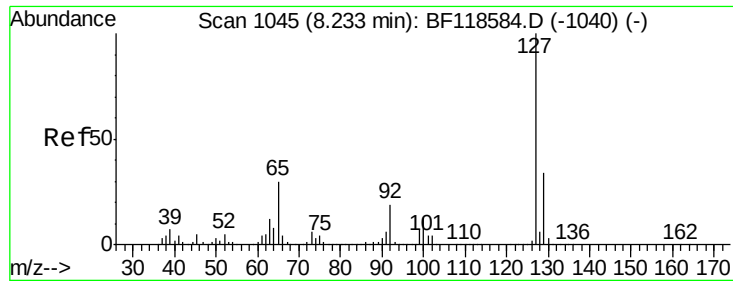


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





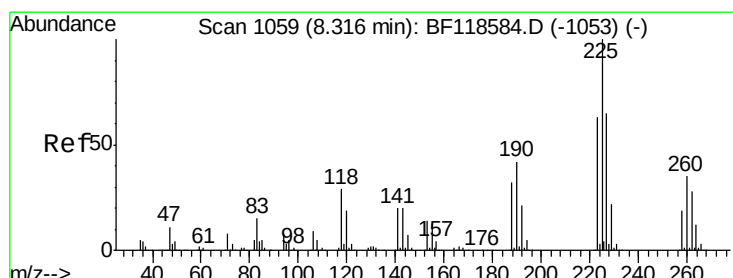
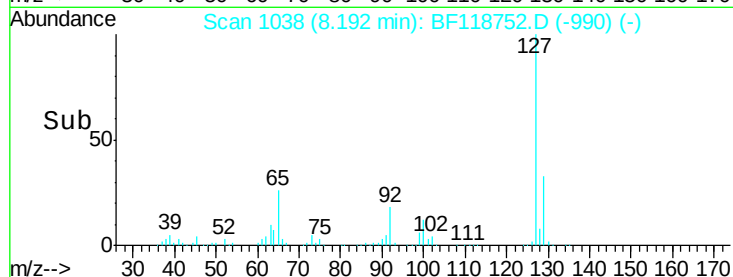
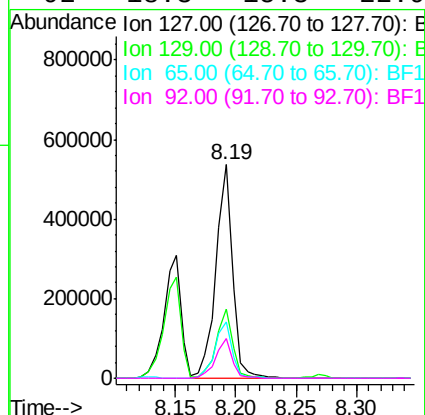
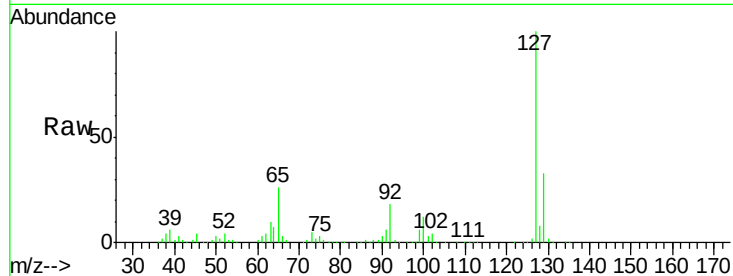
#33
4-Chloroaniline
Concen: 20.510 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		507278		
129	32.6	26.4	39.6		
65	26.2	22.6	33.8		
92	18.3	15.3	22.9		

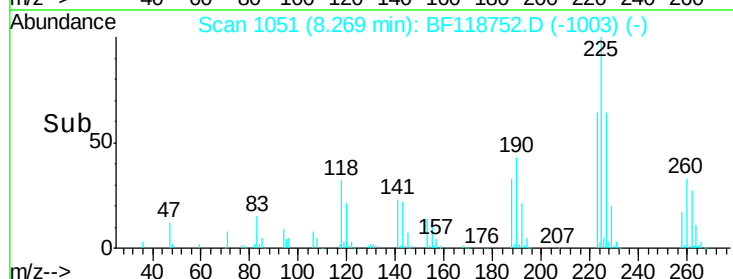
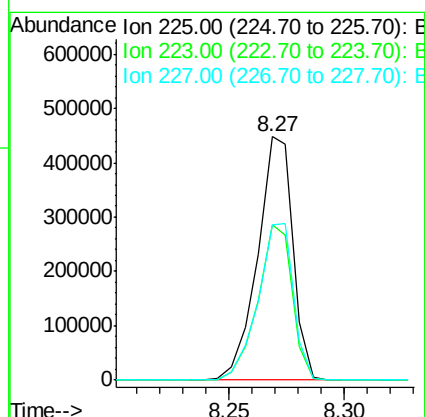
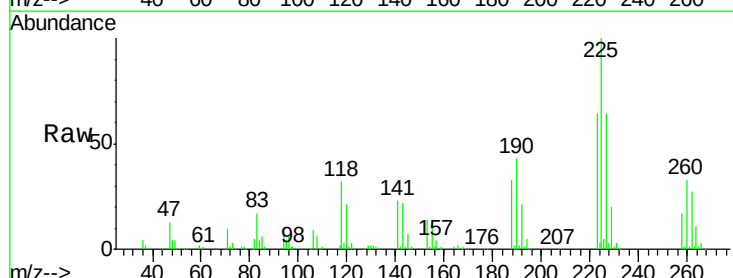
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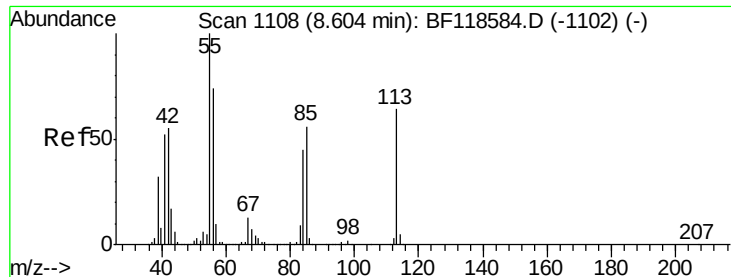
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#34
Hexachlorobutadiene
Concen: 38.246 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		476724		
223	63.7	50.3	75.5		
227	63.9	50.5	75.7		





#35

Caprolactam

Concen: 40.531 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

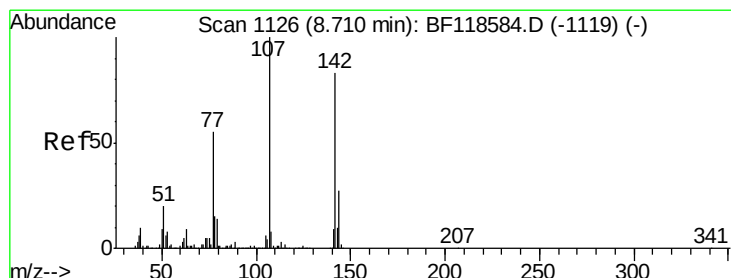
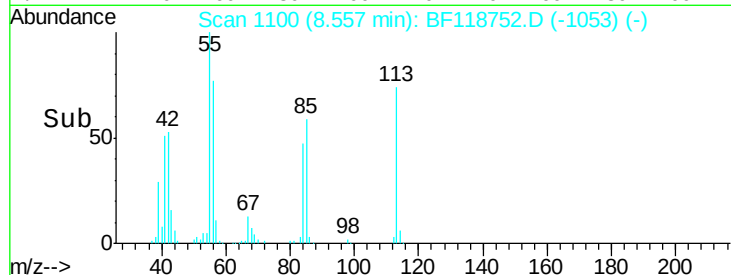
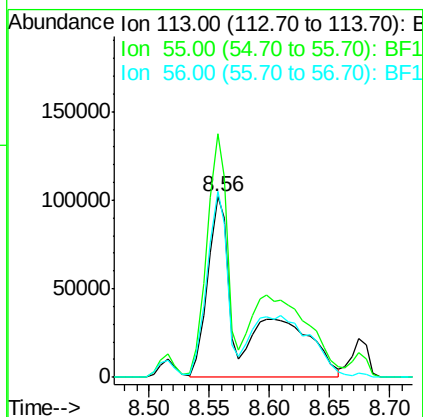
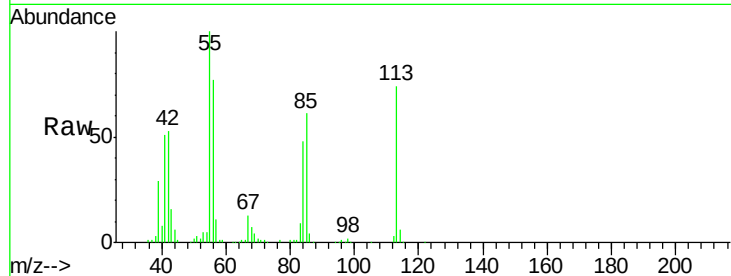
ClientSampleId :

PB126458BSD

Tot Ion:	113	Resp:	234148
Ion Ratio	Lower	Upper	
113	100		
55	134.6	119.0	159.0
56	103.2	85.4	125.4

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#36

4-Chloro-3-methylphenol

Concen: 41.925 ng/mL

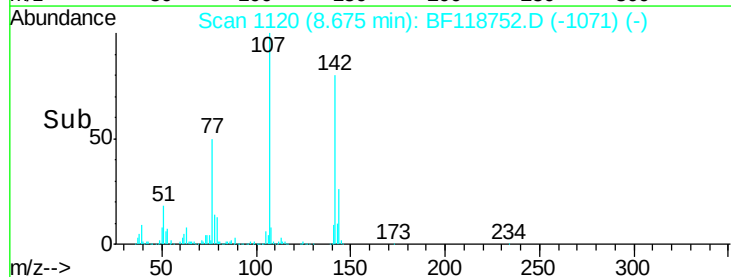
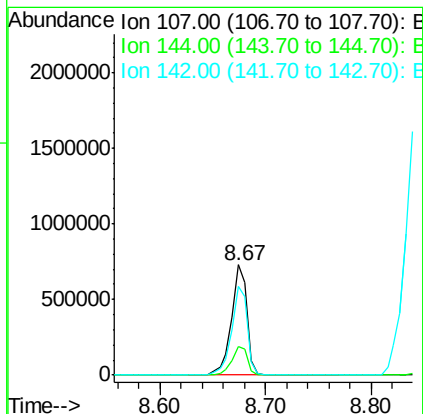
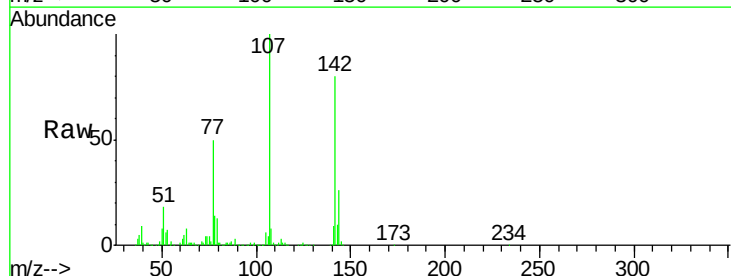
RT: 8.67 min Scan# 1120

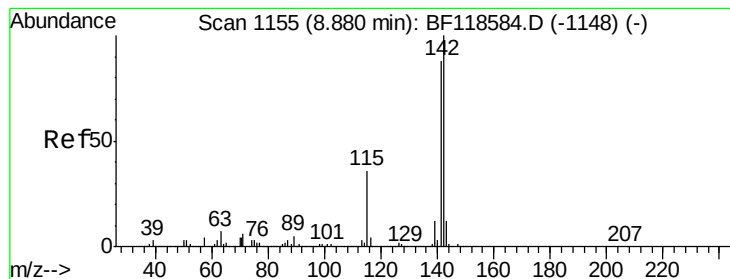
Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:	107	Resp:	730840
Ion Ratio	Lower	Upper	
107	100		
144	26.1	20.9	31.3
142	80.3	64.5	96.7





#37

2-Methylnaphthalene

Concen: 42.618 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB126458BSD

Tot Ion:142 Resp: 1609789

Ion Ratio Lower Upper

142 100

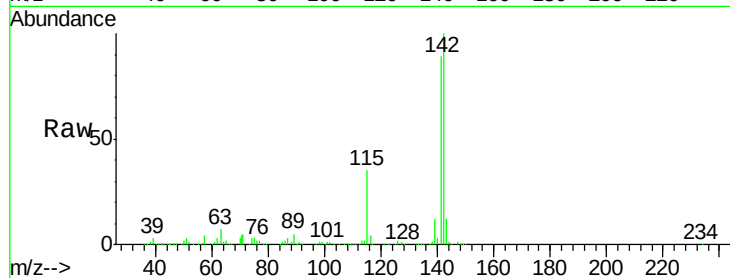
141 88.6 71.4 107.0

115 35.1 27.5 41.3

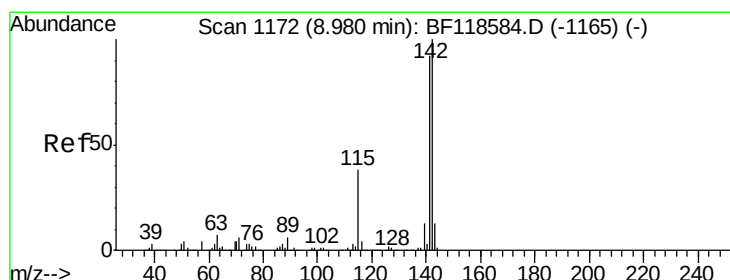
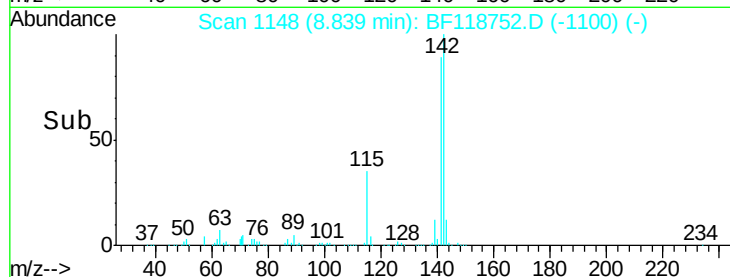
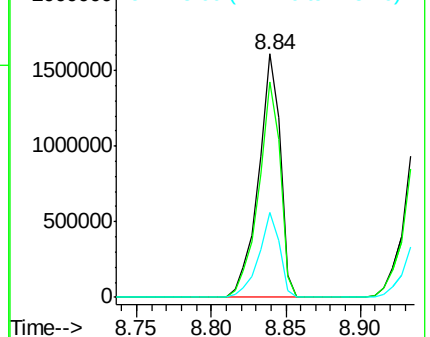
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.150 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

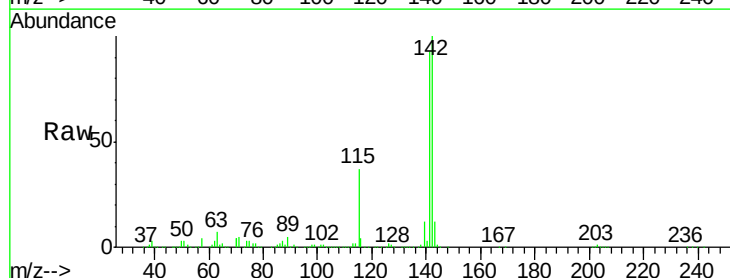
Tgt Ion:142 Resp: 1512591

Ion Ratio Lower Upper

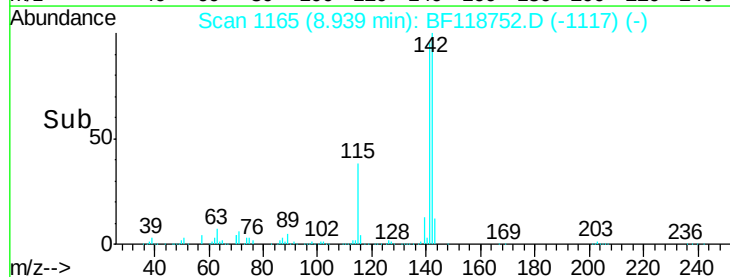
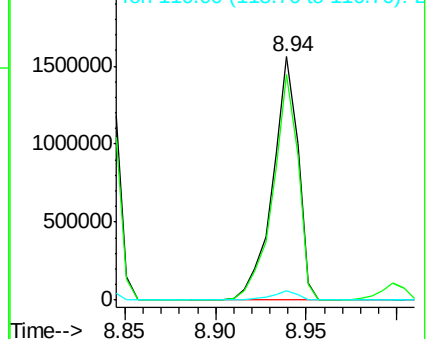
142 100

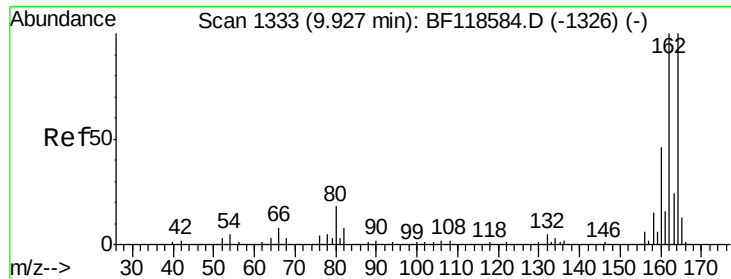
141 92.7 73.5 110.3

116 4.0 3.0 4.6



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





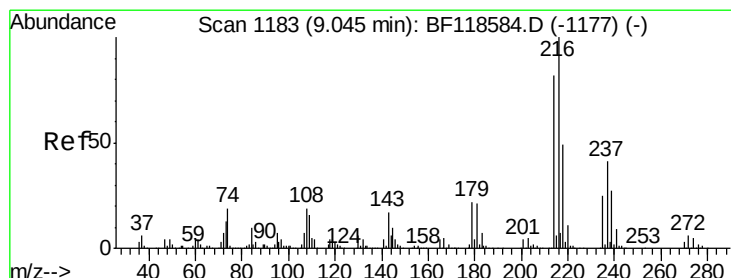
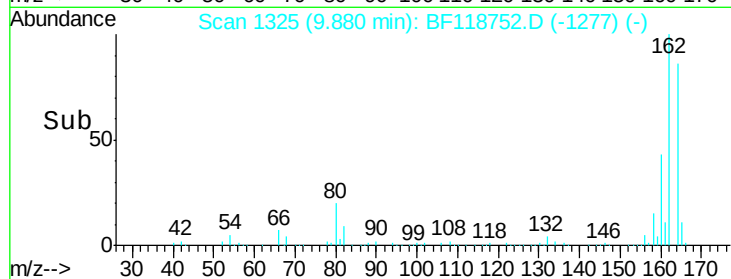
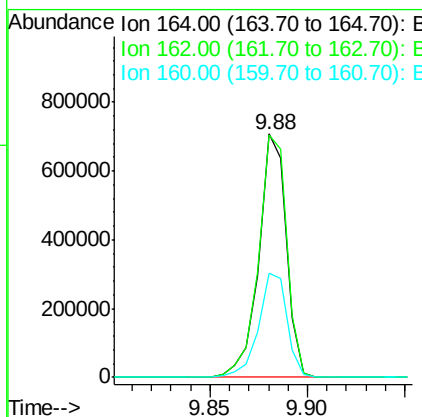
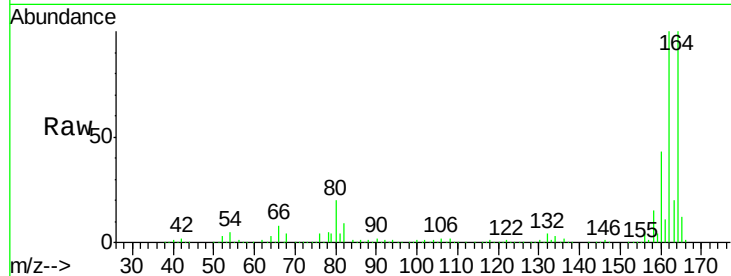
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.8	121.2
160	42.7	35.4	53.0

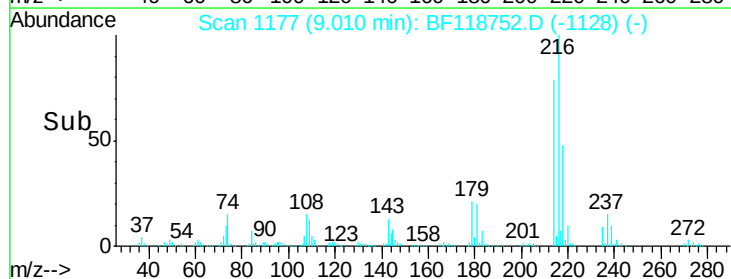
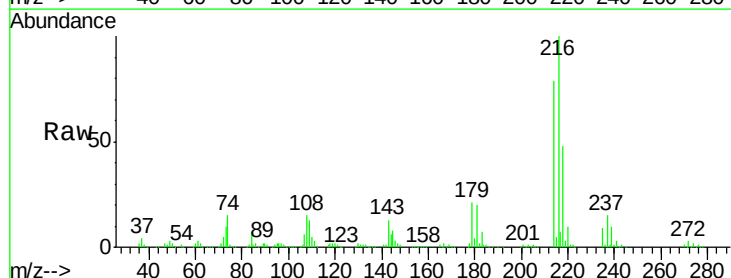
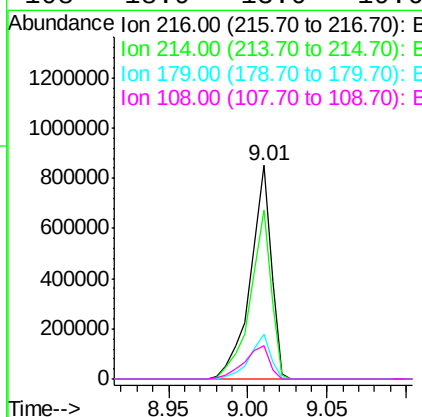
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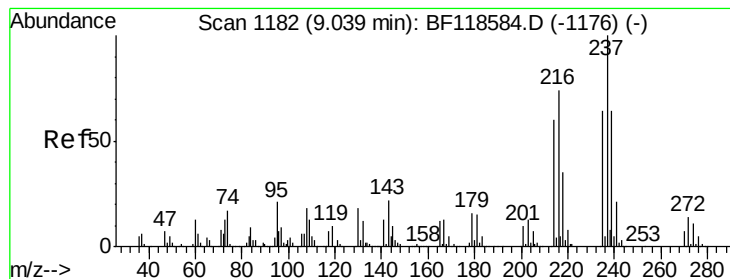
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.779 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.1	17.0	25.4
108	18.9	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 83.785 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

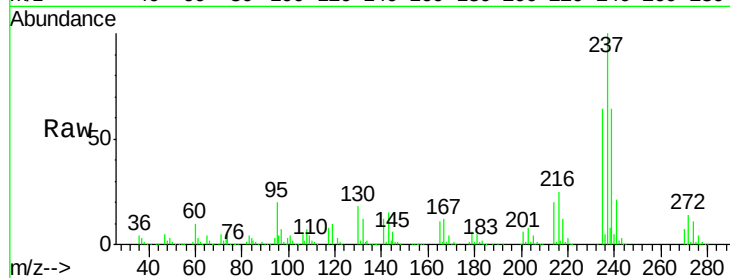
ClientSampleId :

PB126458BSD

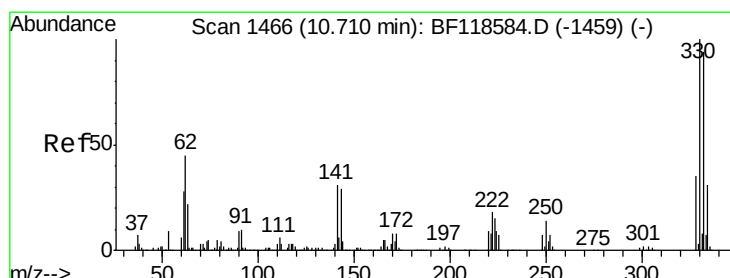
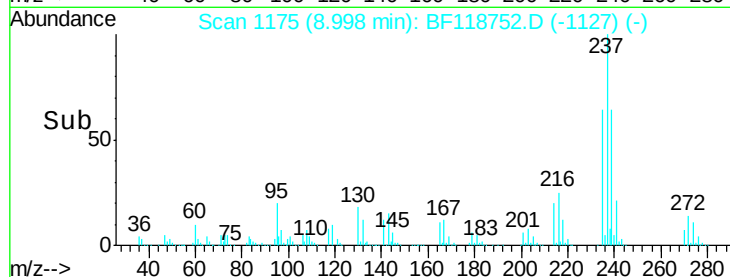
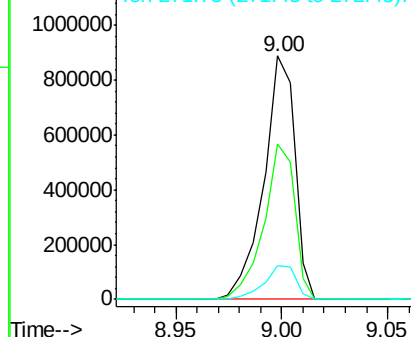
Tot Ion:	237	Resp:	915860
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.7	82.7
272	13.7	0.0	34.4

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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: 112.887 ng

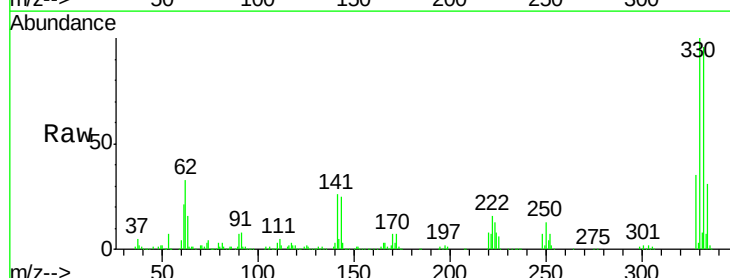
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

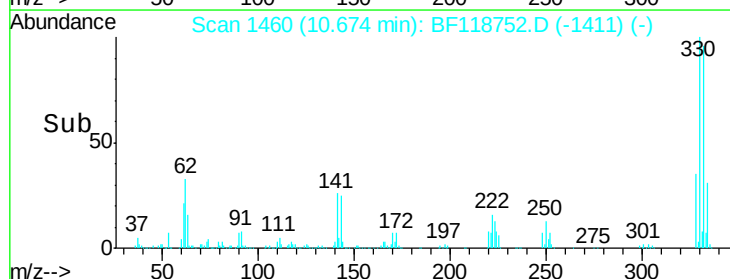
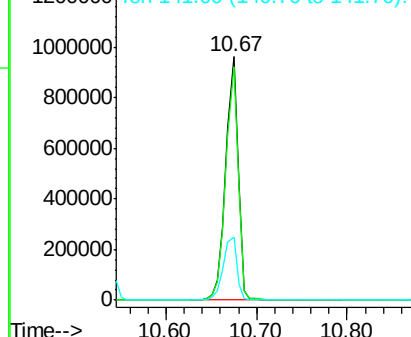
Lab File: BF118752.D

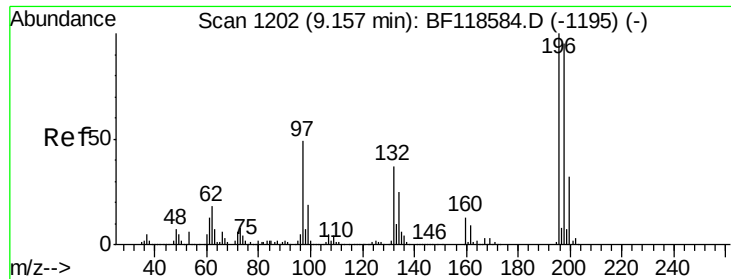
Acq: 30 Jan 2020 15:36

Tgt Ion:	330	Resp:	904096
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.6	116.4
141	28.2	22.2	33.2



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





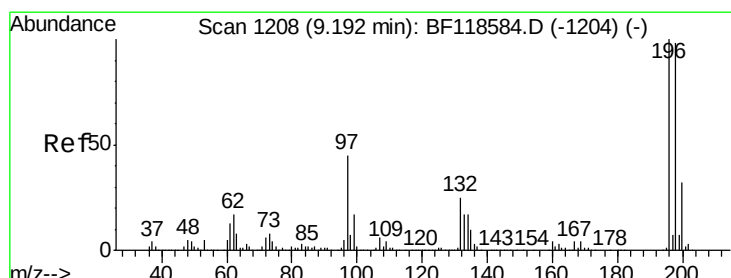
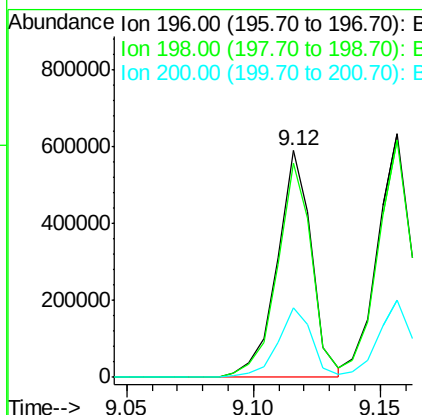
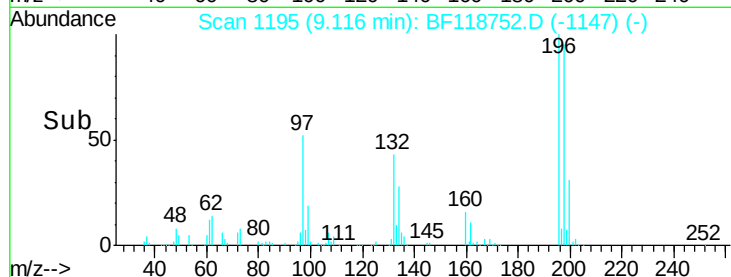
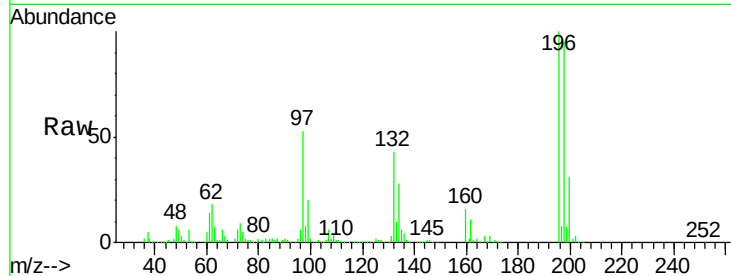
#43
 2,4,6-Trichlorophenol
 Concen: 38.876 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	558917		
198	94.5	76.4	114.6	
200	30.8	25.4	38.2	

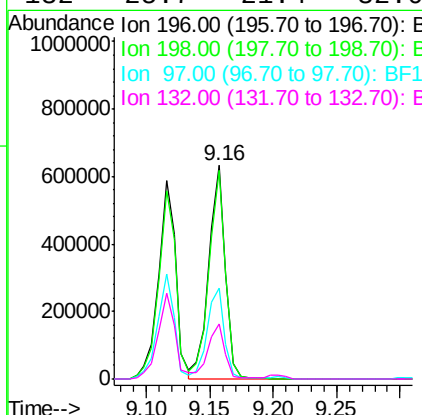
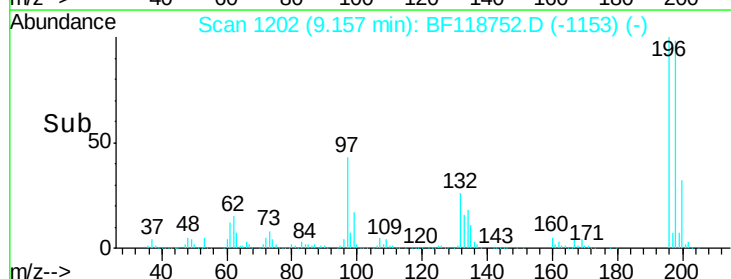
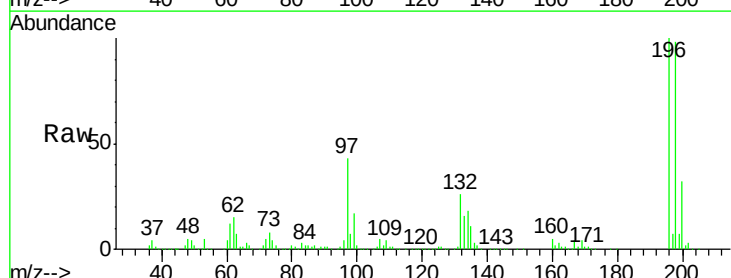
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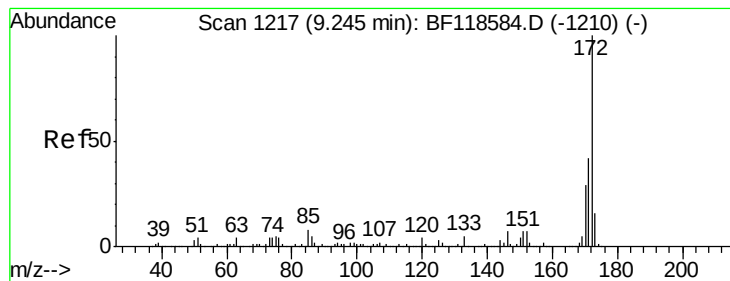
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.809 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	584522		
198	97.6	76.2	114.4	
97	42.8	35.7	53.5	
132	25.7	21.4	32.0	





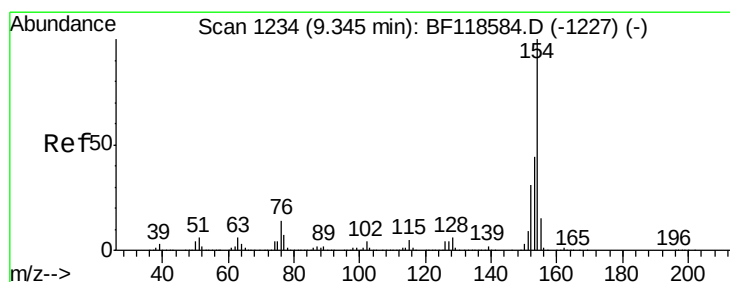
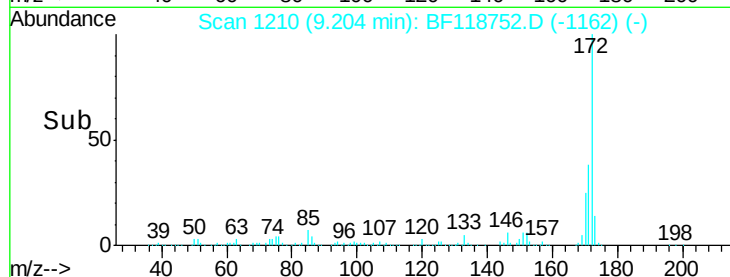
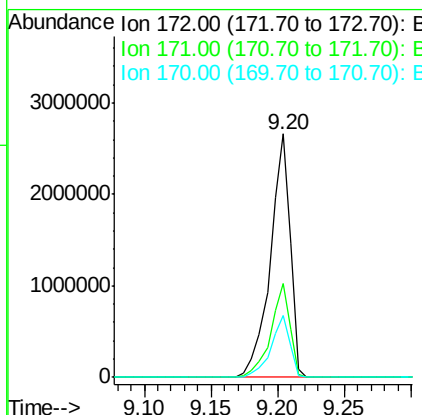
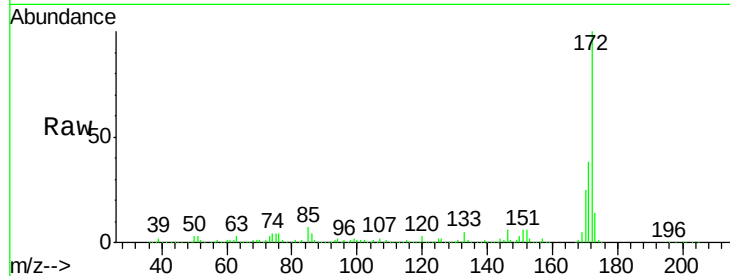
#45
 2-Fluorobiphenyl
 Concen: 65.427 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.2	20.7	31.1

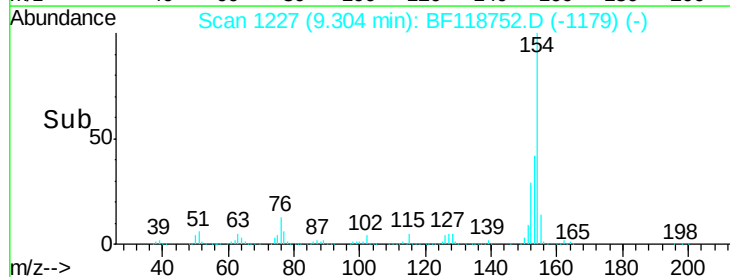
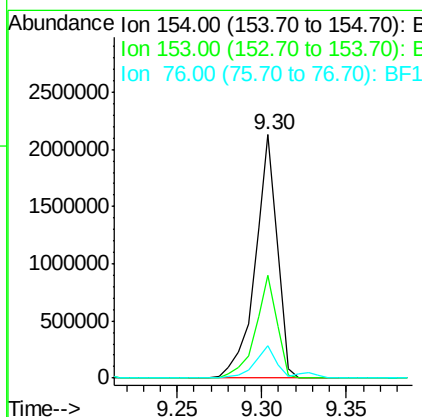
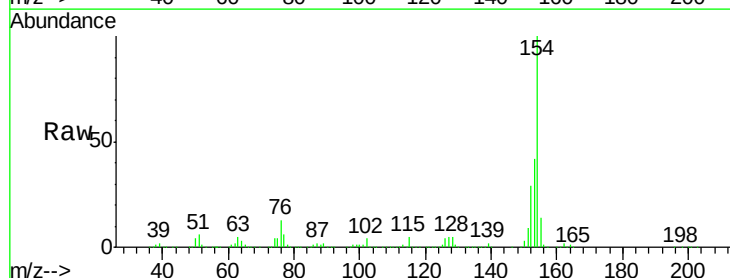
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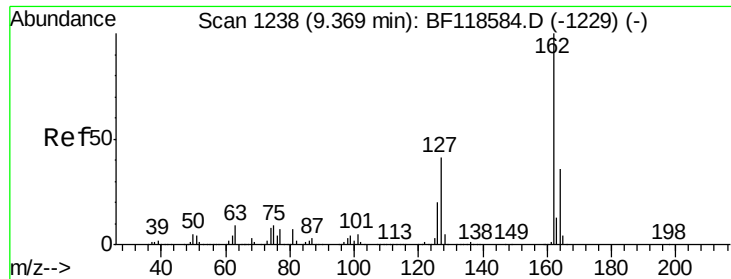
mohammad
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#46
 1,1'-Biphenyl
 Concen: 40.218 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.3	62.3
76	13.1	0.0	32.0





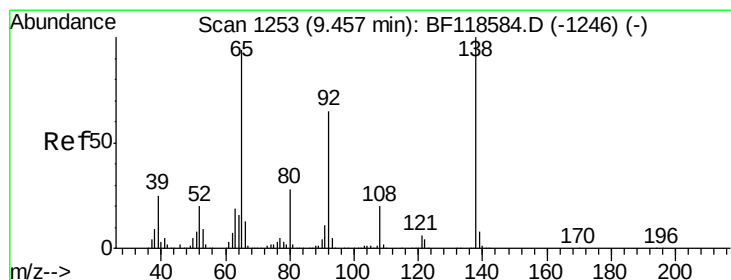
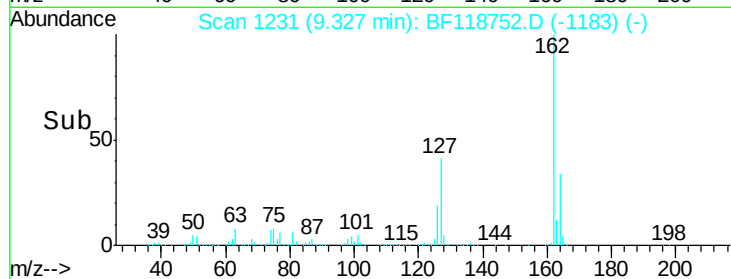
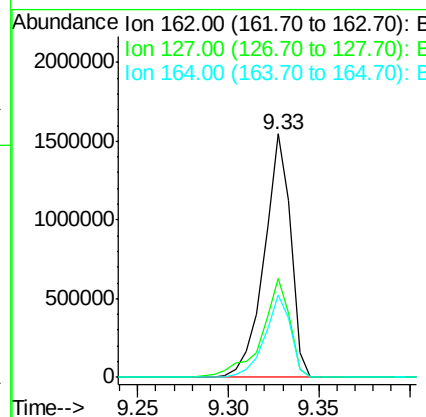
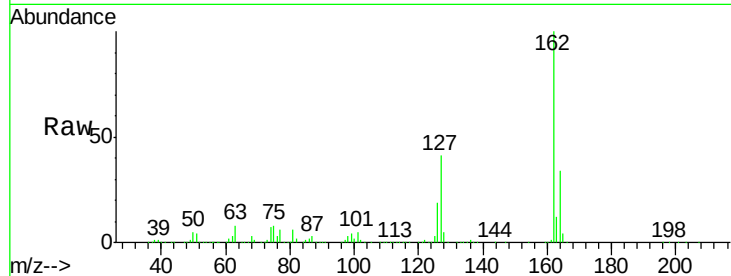
#47
 2-Chloronaphthalene
 Concen: 38.792 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.9	49.3
164	33.6	27.5	41.3

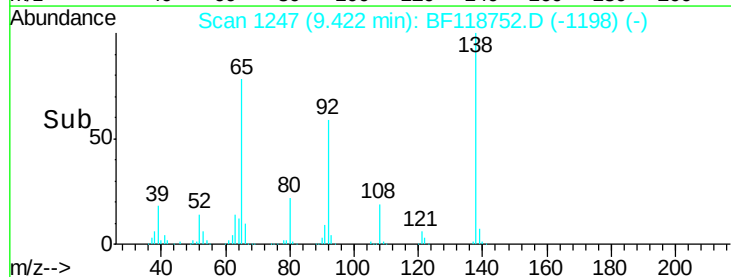
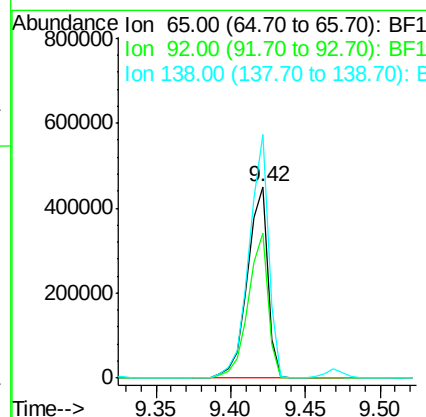
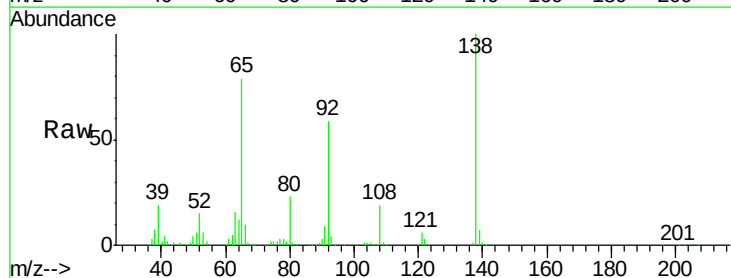
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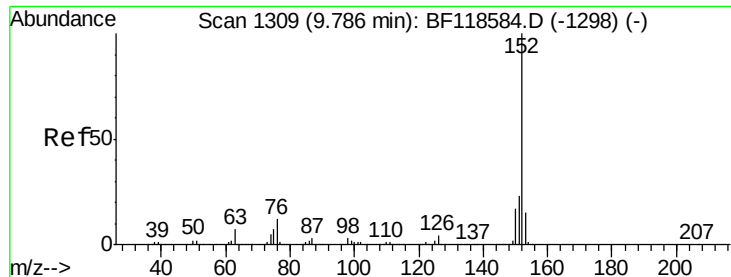
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#48
 2-Nitroaniline
 Concen: 34.582 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.8	86.6
138	127.1	95.1	142.7





#49

Acenaphthylene

Concen: 42.230 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB126458BSD

Tot Ion:152 Resp: 2389679

Ion Ratio Lower Upper

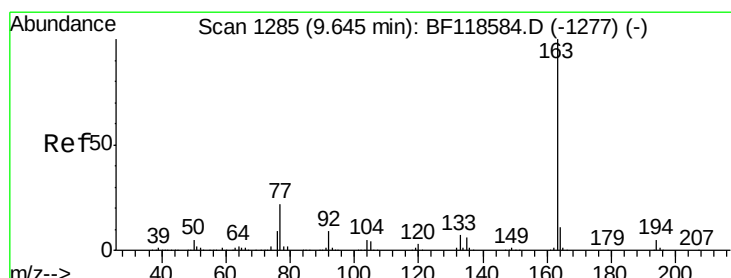
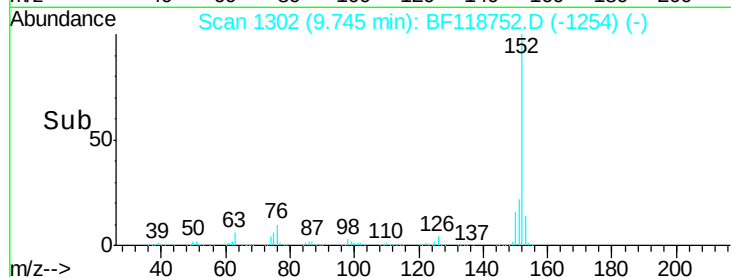
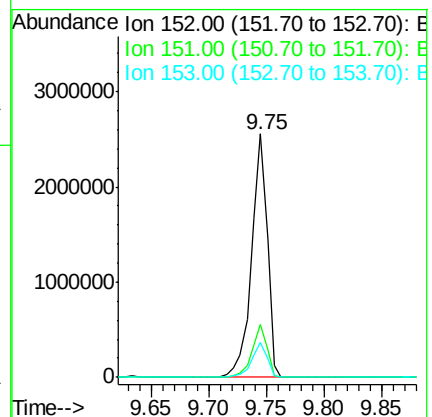
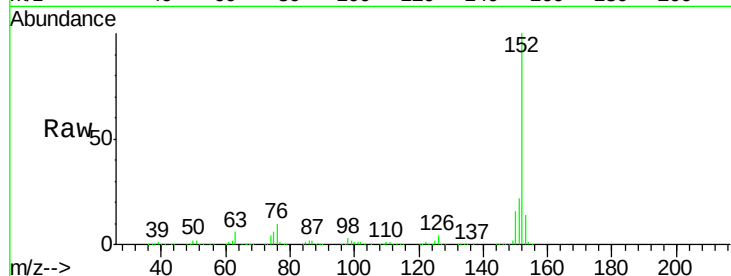
152 100

151 21.6 17.1 25.7

153 14.1 11.0 16.4

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#50

Dimethylphthalate

Concen: 41.370 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

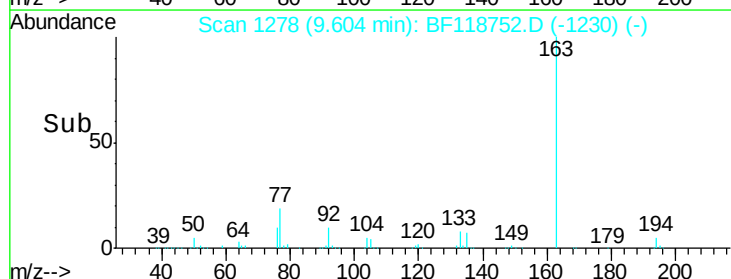
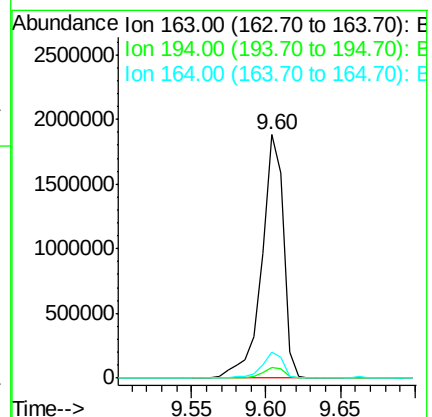
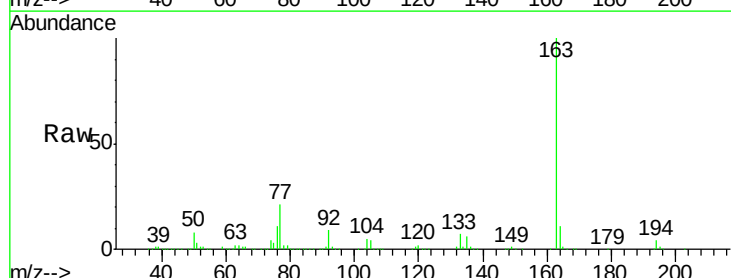
Tgt Ion:163 Resp: 1866330

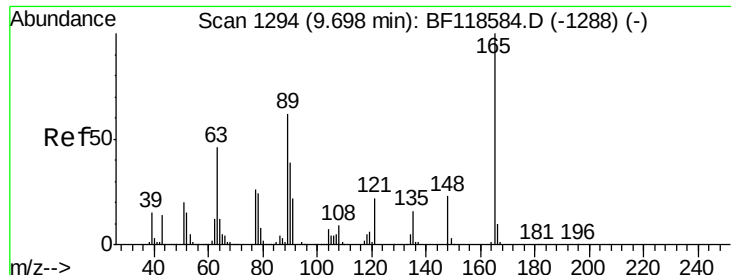
Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

164 10.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.575 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB126458BSD

Tot Ion:165 Resp: 440192

Ion Ratio Lower Upper

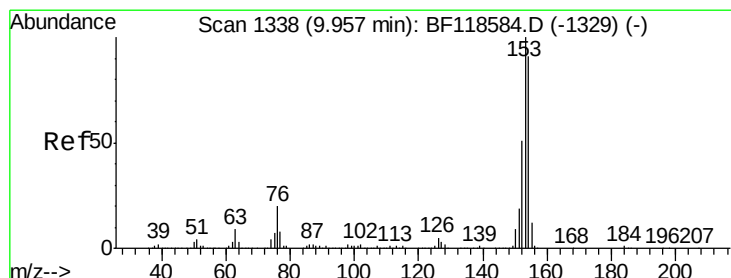
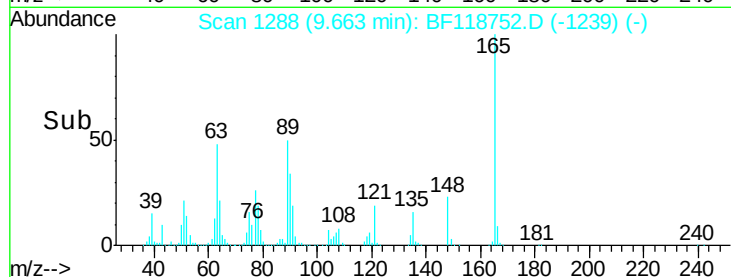
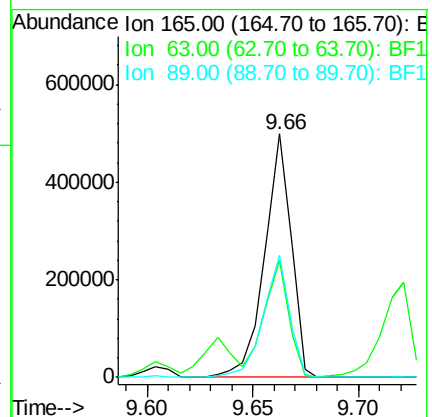
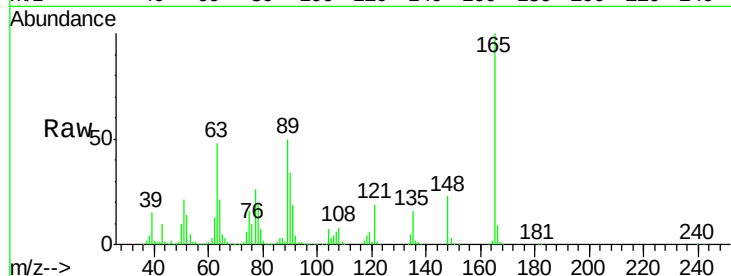
165 100

63 48.0 39.8 59.6

89 49.9 41.4 62.2

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#52

Acenaphthene

Concen: 43.687 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

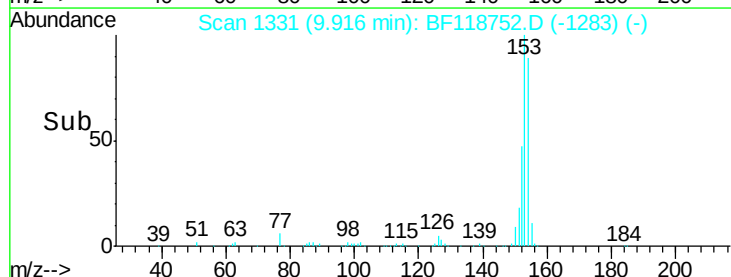
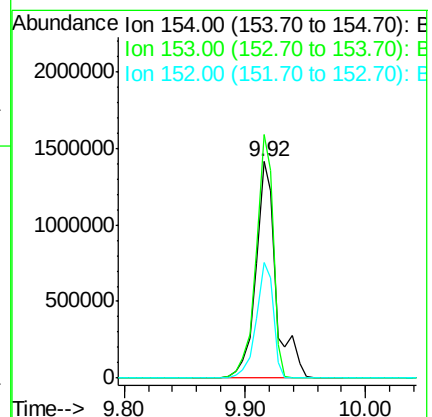
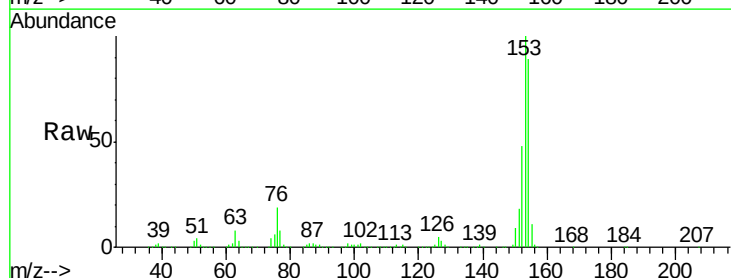
Tgt Ion:154 Resp: 1653029

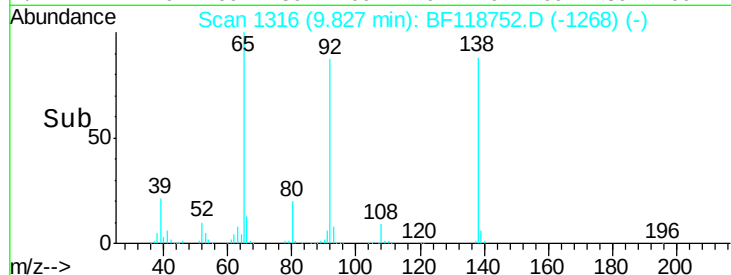
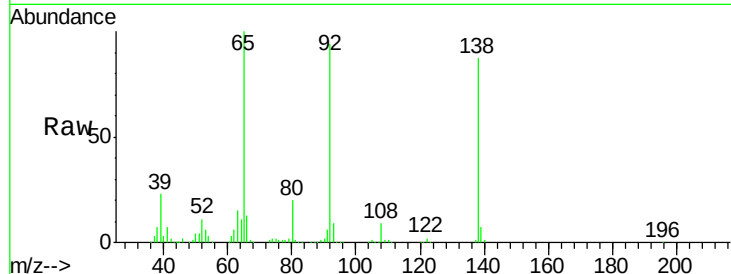
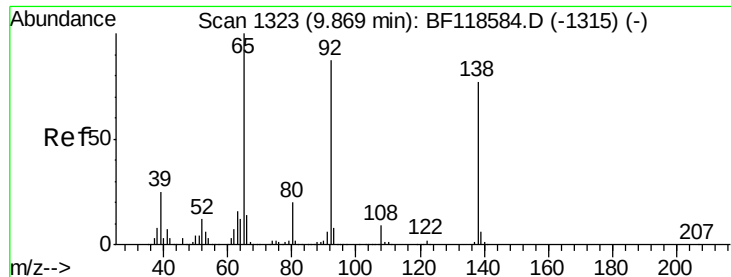
Ion Ratio Lower Upper

154 100

153 112.5 89.1 133.7

152 53.7 43.0 64.6





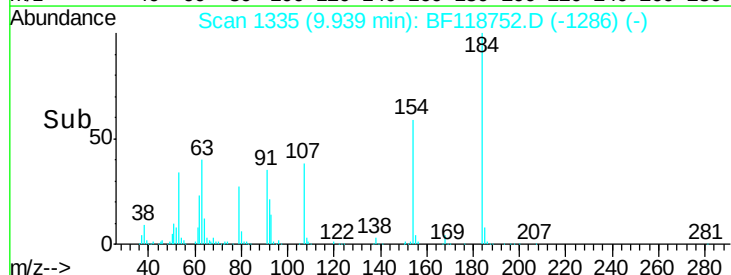
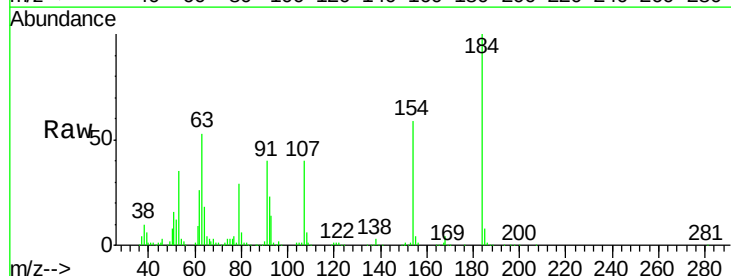
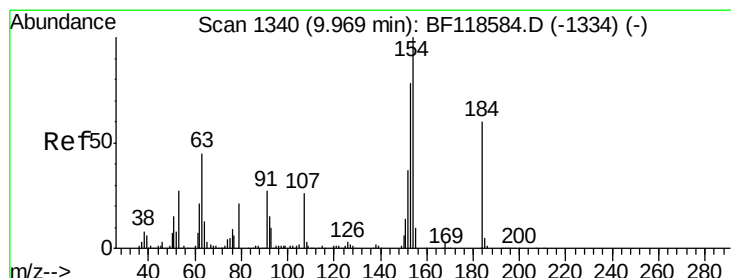
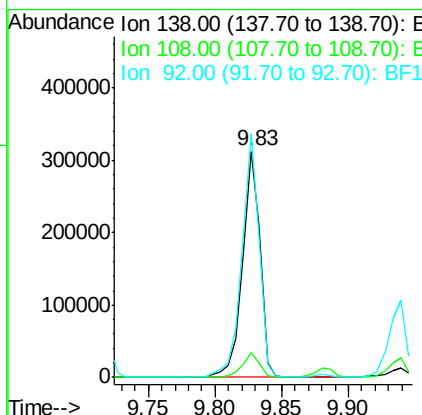
#53
3-Nitroaniline
Concen: 24.702 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tot Ion:138 Resp: 284937
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 107.8 87.8 131.6

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

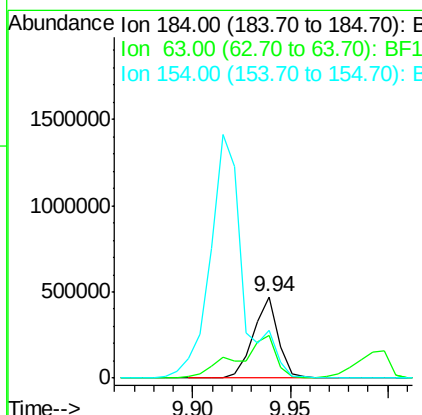
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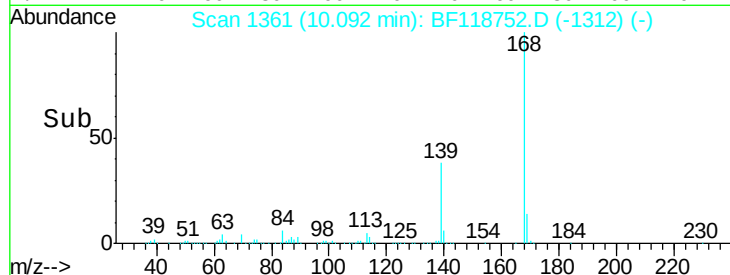
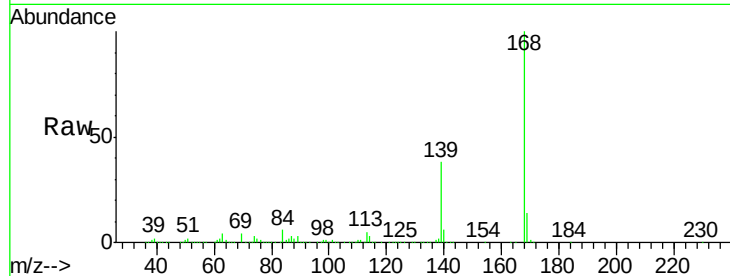
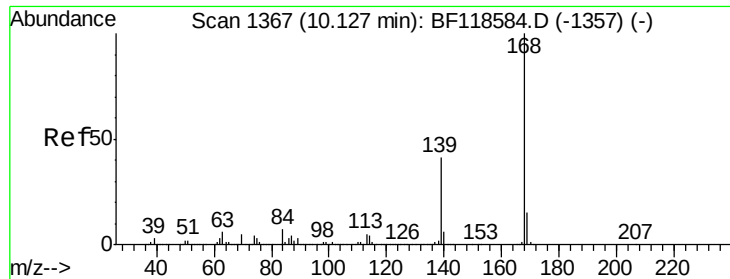
mohammad
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#54
2,4-Dinitrophenol
Concen: 104.020 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:184 Resp: 419511
Ion Ratio Lower Upper
184 100
63 53.2 36.0 54.0
154 58.6 44.6 66.8





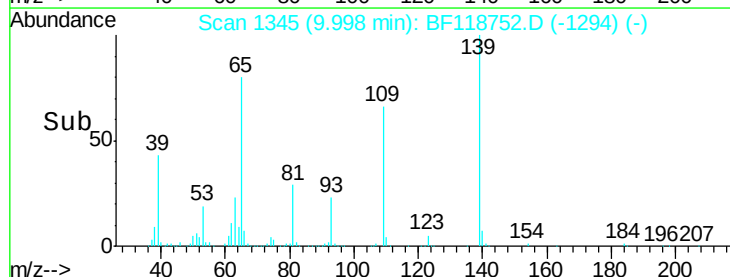
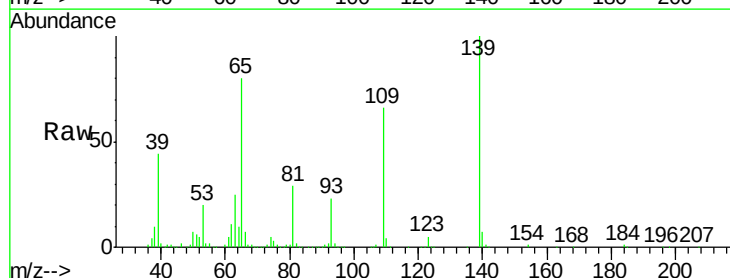
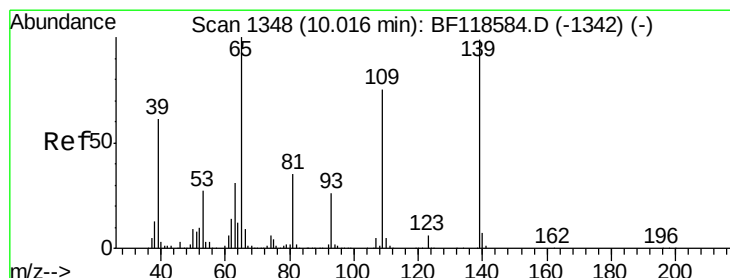
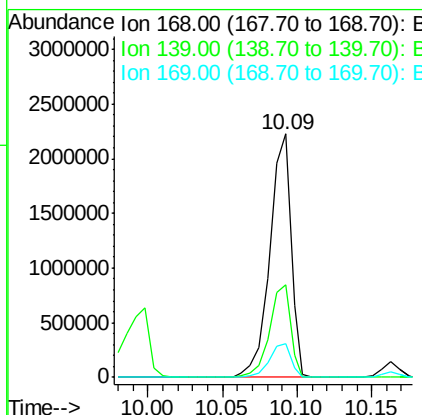
#55
Dibenzofuran
Concen: 41.761 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.6	47.4
169	13.9	11.4	17.0

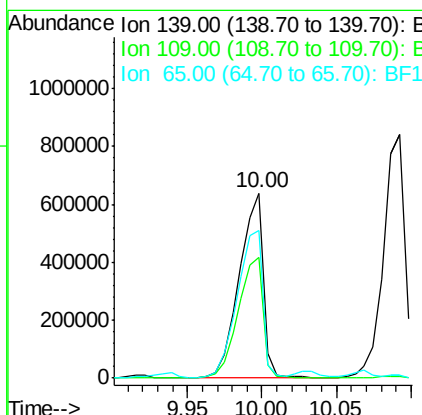
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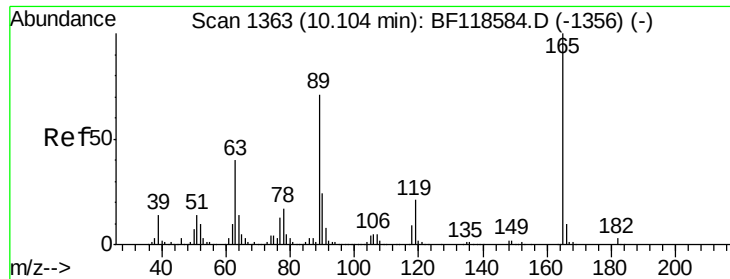
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#56
4-Nitrophenol
Concen: 82.794 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.6	47.0	87.0
65	80.0	65.7	105.7





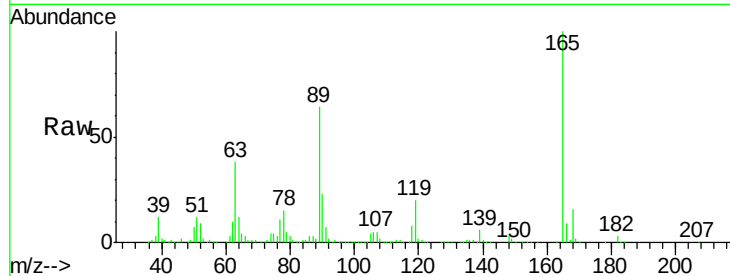
#57
2,4-Dinitrotoluene
Concen: 45.719 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampled :
PB126458BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	582227		
63	37.6	28.5	42.7	
89	63.9	50.4	75.6	
182	3.0	2.3	3.5	

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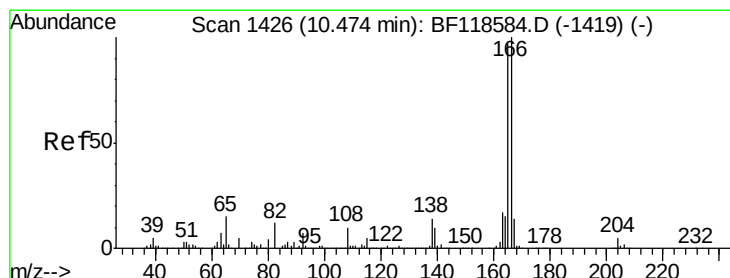
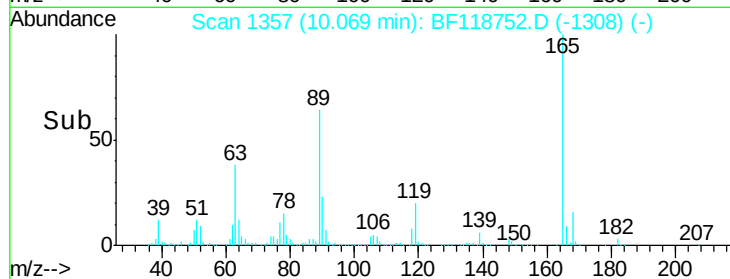
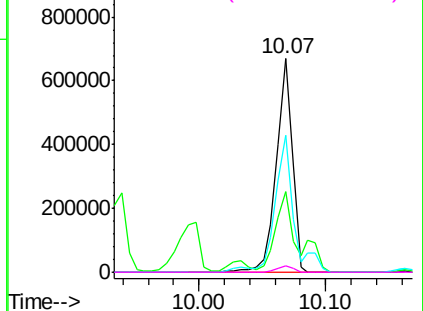
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

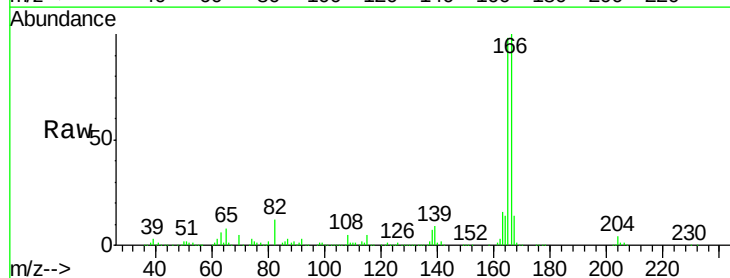
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.780 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1637555		
165	97.7	78.6	118.0	
167	14.0	11.4	17.2	

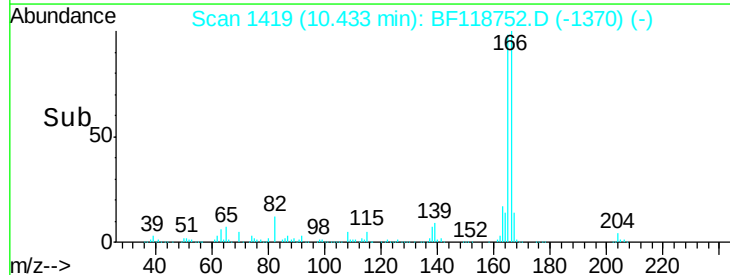
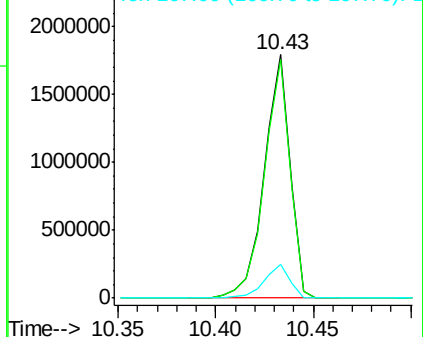


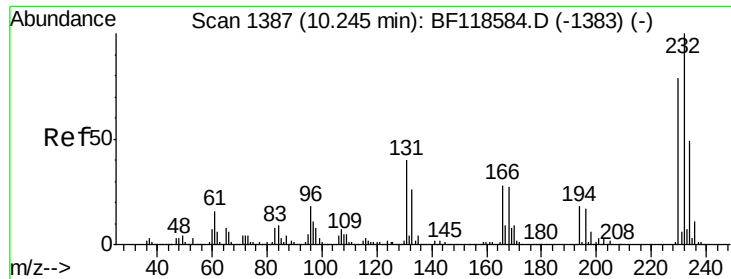
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.586 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

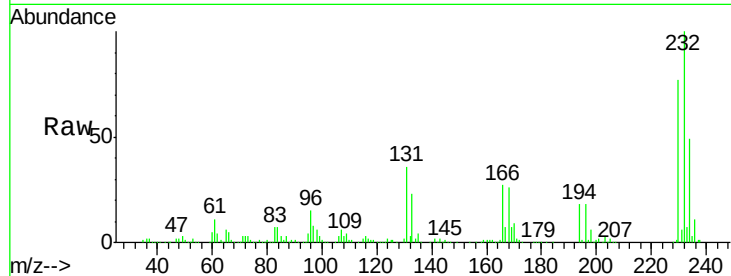
ClientSampleId :

PB126458BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	524162		
131	39.8		31.8	47.6
130	1.9		1.5	2.3
166	29.0		22.8	34.2

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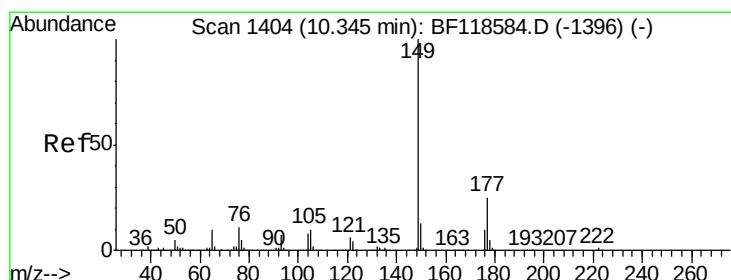
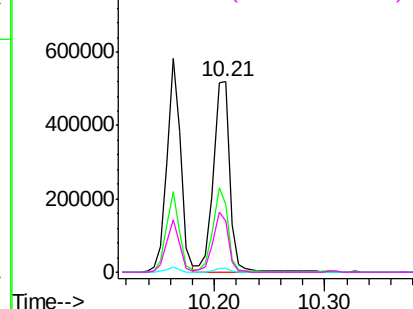
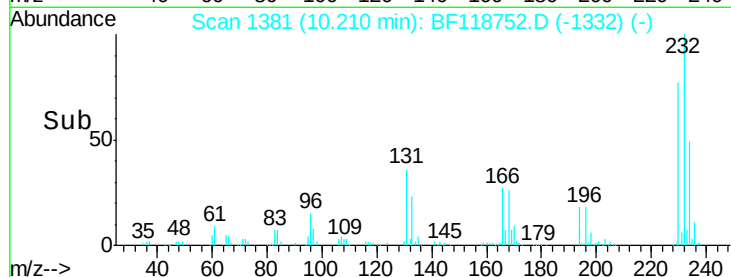


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.573 ng

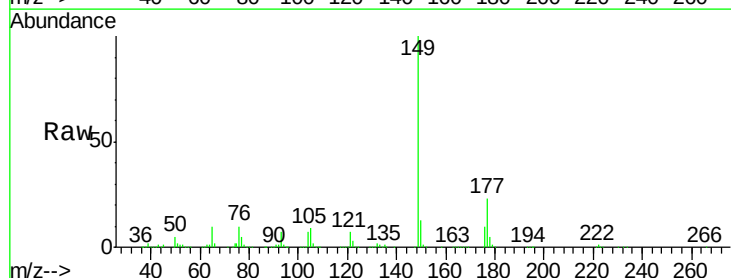
RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

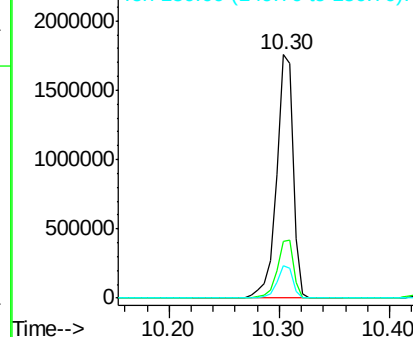
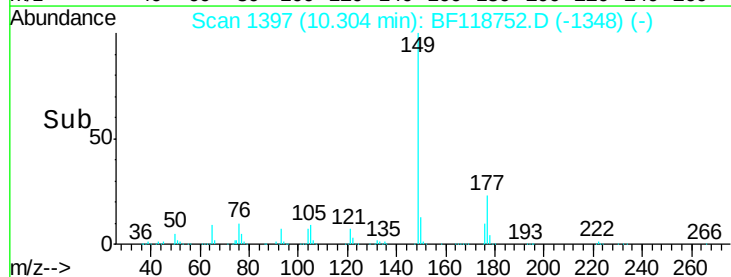
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1862148		
177	23.4		19.1	28.7
150	13.3		10.5	15.7

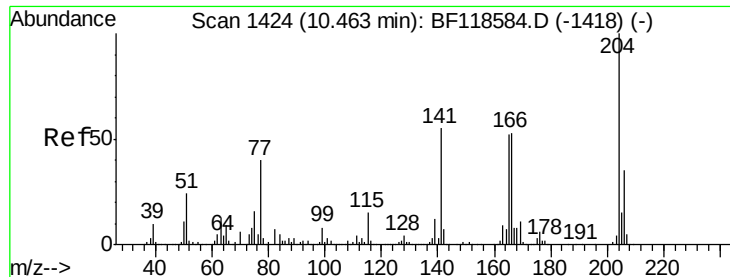


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





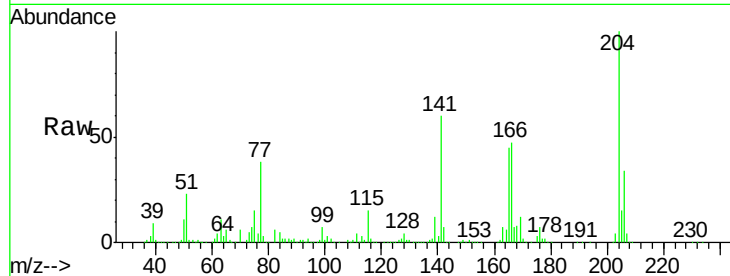
#61
4-Chlorophenyl-phenylether
Concen: 39.464 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

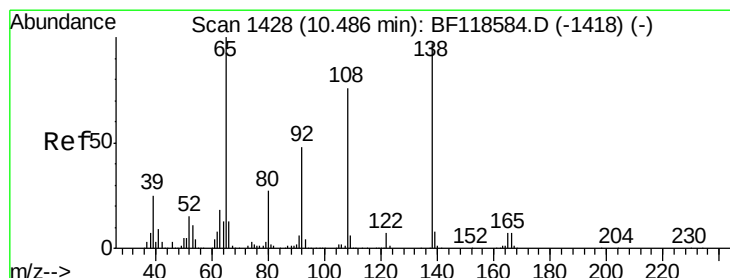
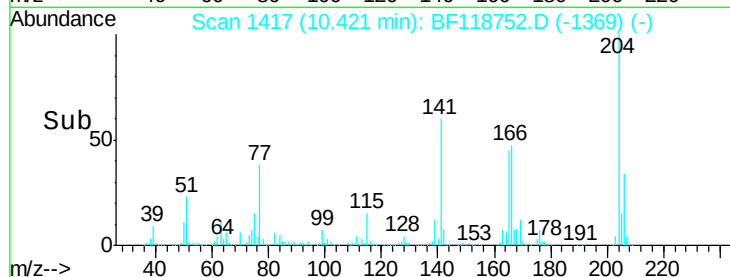
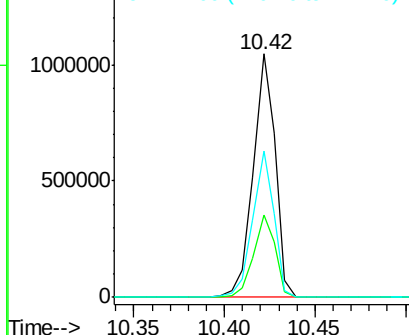
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.0	40.6
141	60.1	43.9	65.9

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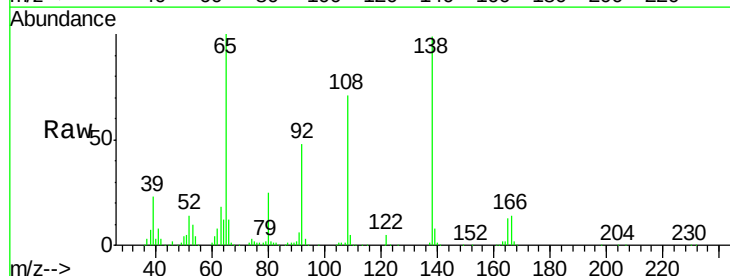


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

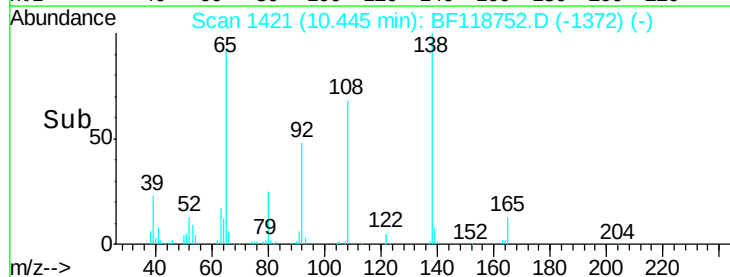
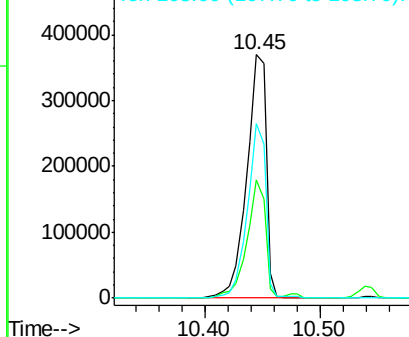


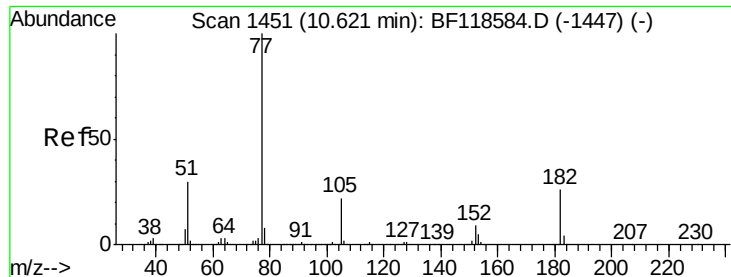
#62
4-Nitroaniline
Concen: 36.637 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.2	69.2
108	71.8	50.8	90.8



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





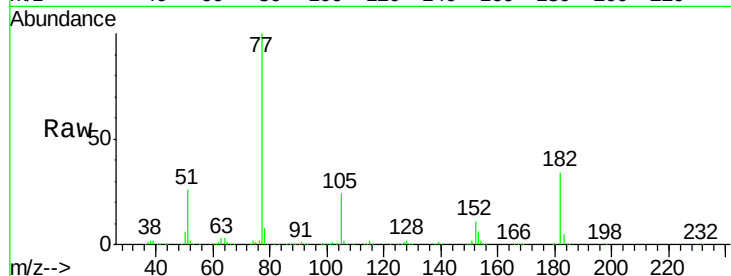
#63
Azobenzene
Concen: 38.233 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

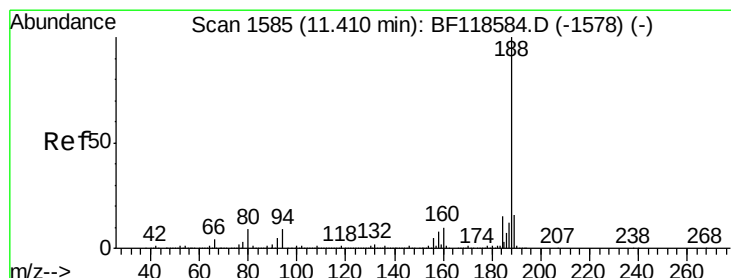
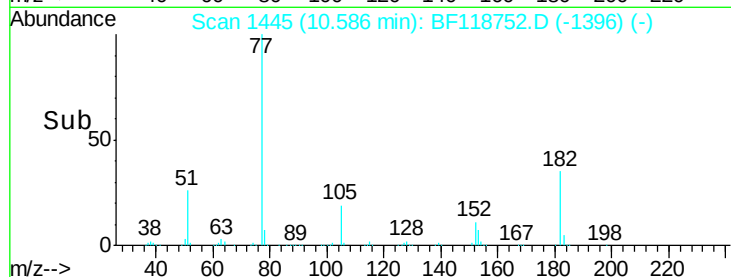
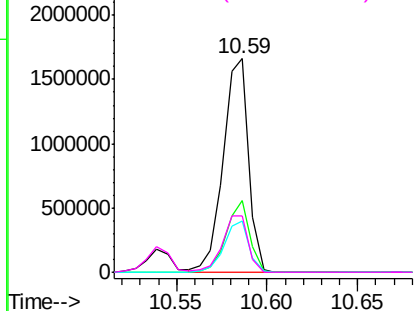
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.7	12.3	52.3	
105	24.1	4.0	44.0	
51	26.4	7.2	47.2	

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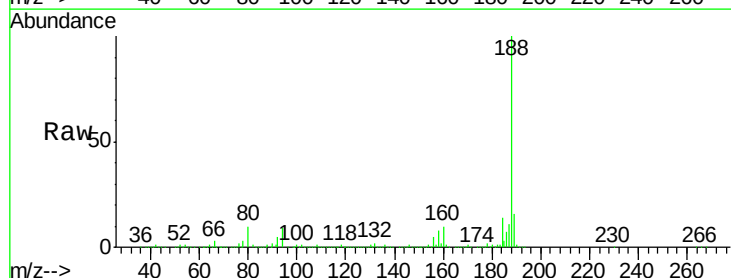


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

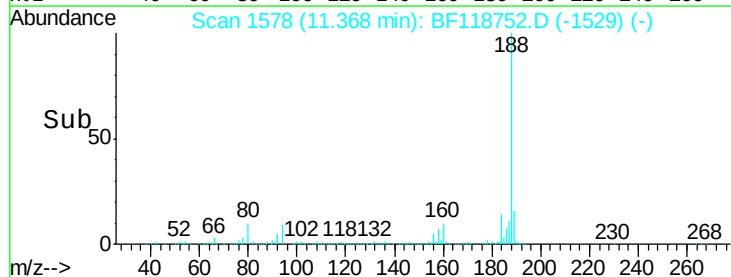
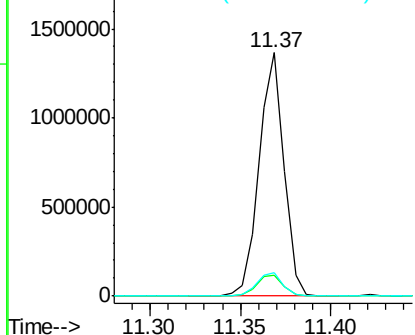


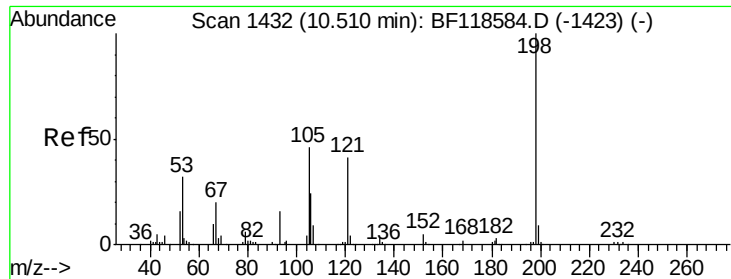
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.4	11.2	
80	9.6	7.8	11.8	



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





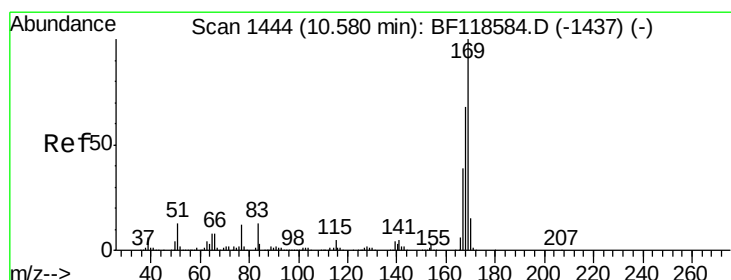
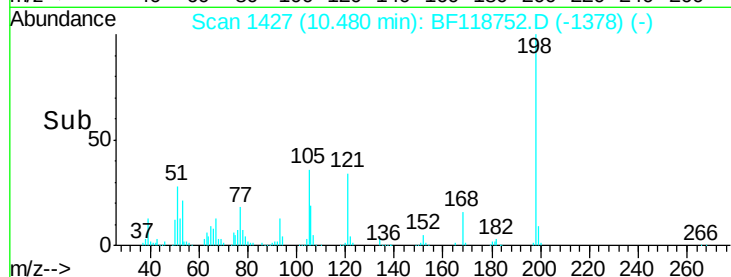
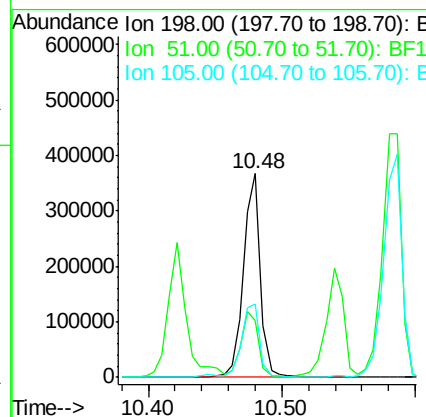
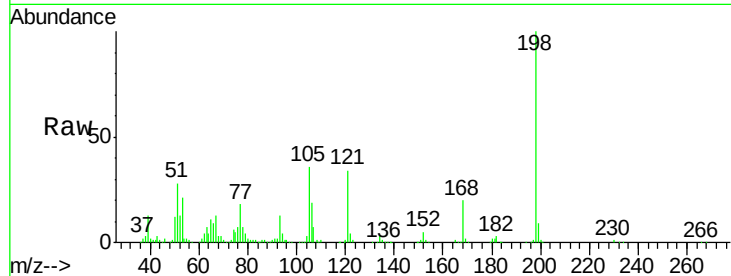
#65
4,6-Dinitro-2-methylphenol
Concen: 56.852 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	324926		
51	27.9	9.6	49.6	
105	36.0	15.5	55.5	

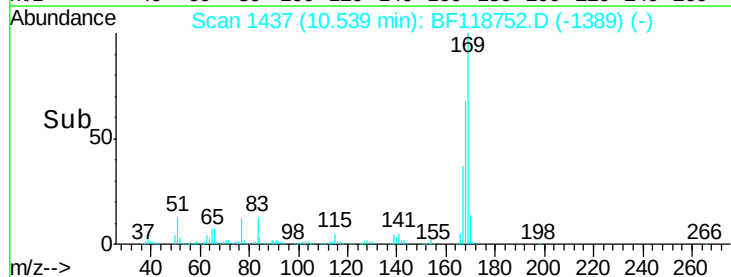
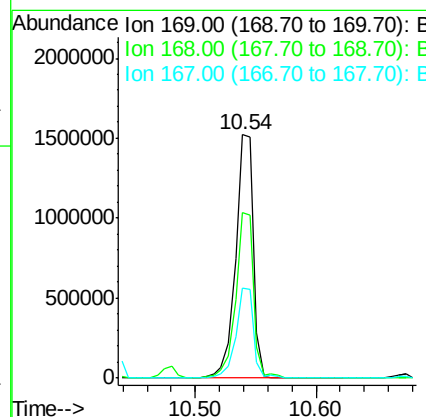
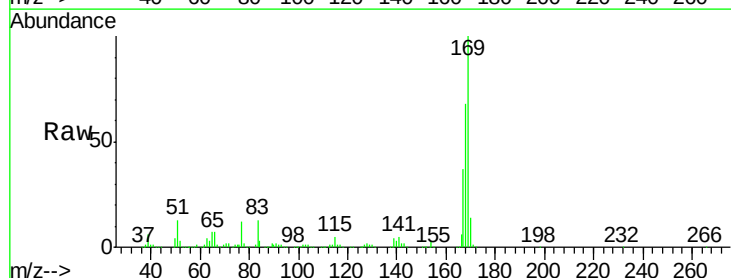
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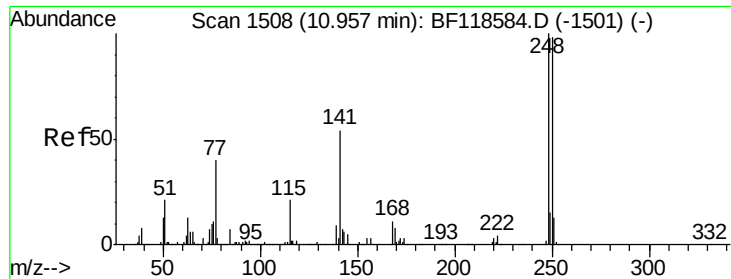
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.707 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1556427		
168	67.9	53.4	80.0	
167	36.8	29.2	43.8	





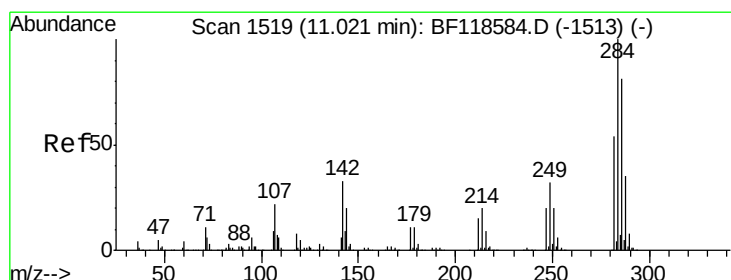
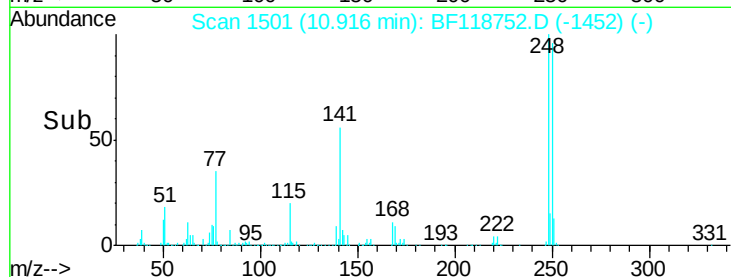
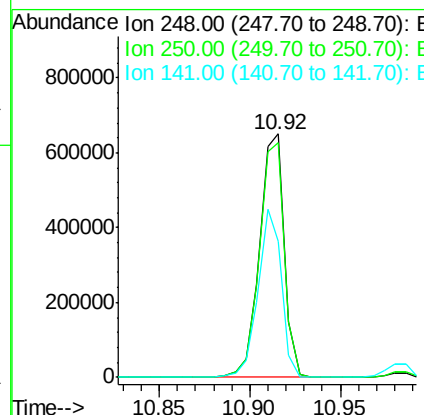
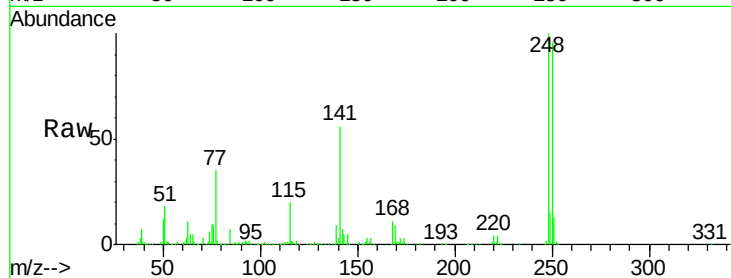
#67
4-Bromophenyl-phenylether
Concen: 38.276 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.7	118.1
141	56.1	48.4	72.6

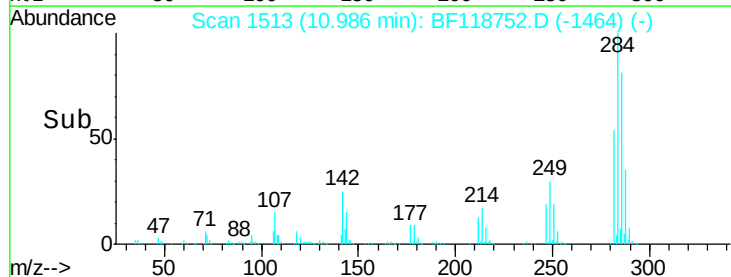
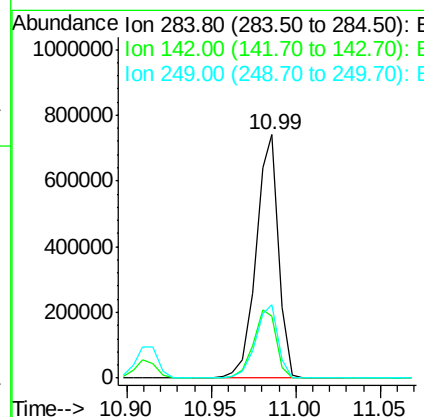
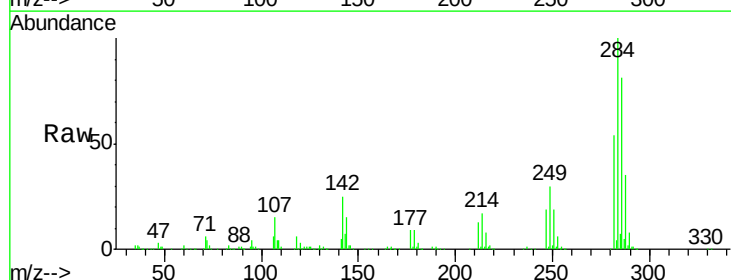
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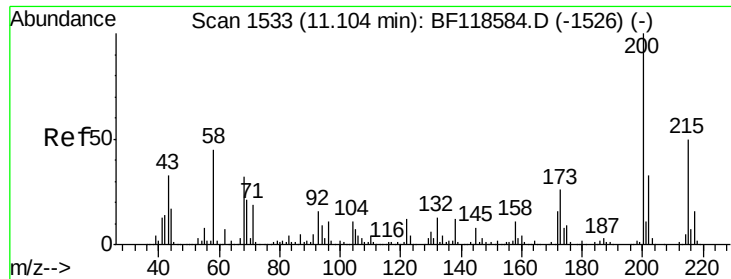
mohammad
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#68
Hexachlorobenzene
Concen: 37.716 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	23.1	34.7
249	29.9	24.0	36.0





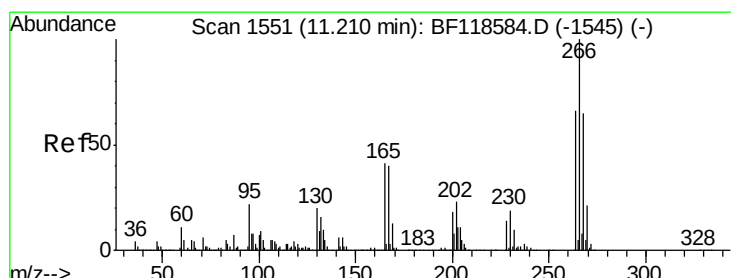
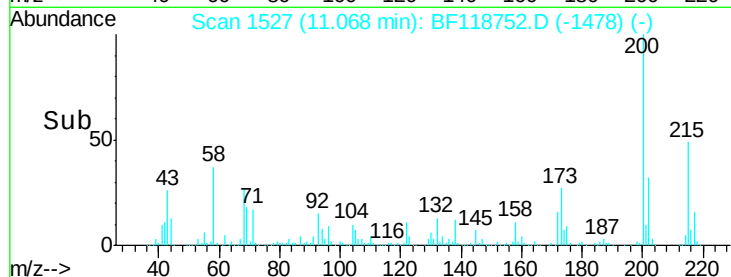
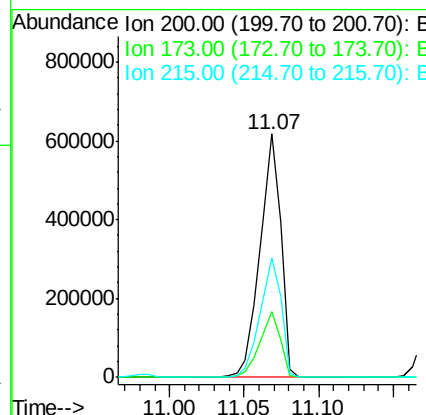
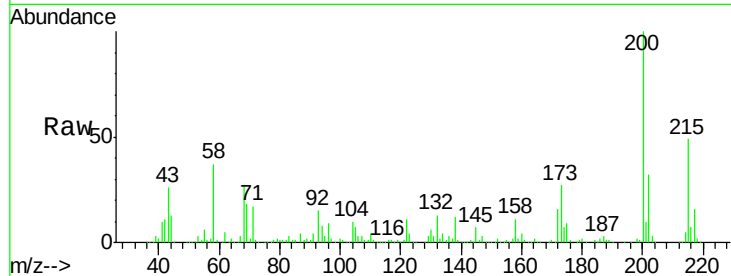
#69
Atrazine
Concen: 43.412 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	6.8	46.8
215	49.2	30.4	70.4

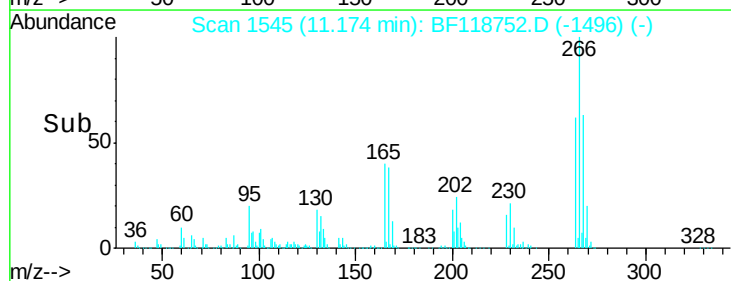
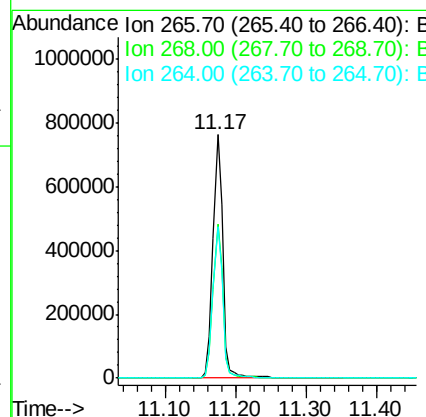
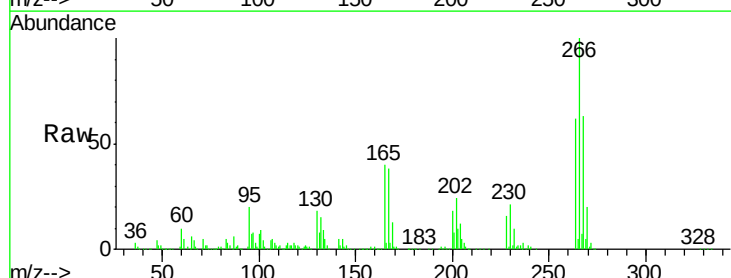
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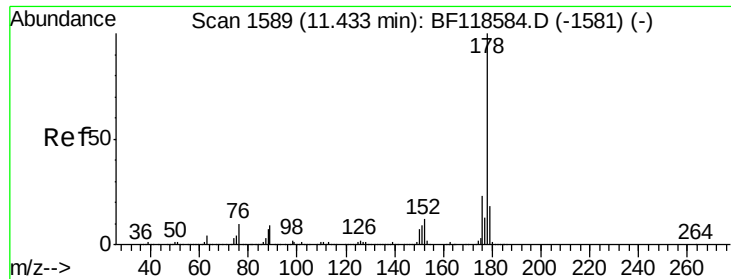
mohammad
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#70
Pentachlorophenol
Concen: 73.841 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	51.6	77.4
264	62.1	50.9	76.3





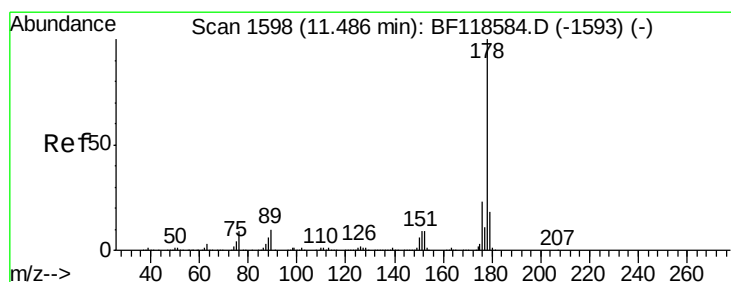
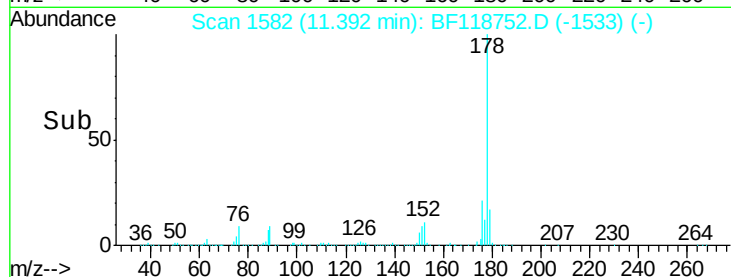
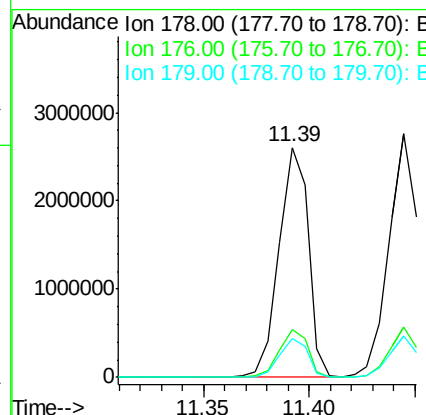
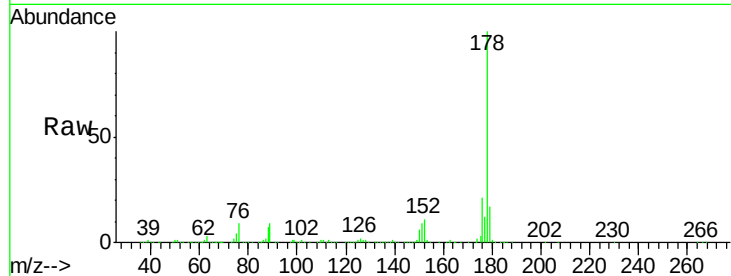
#71
Phenanthrene
Concen: 40.410 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion:178 Resp: 2533958
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 17.0 13.3 19.9

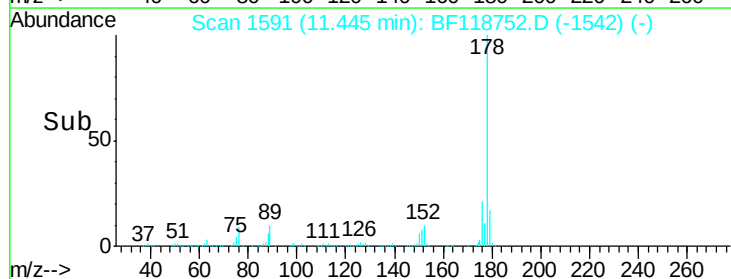
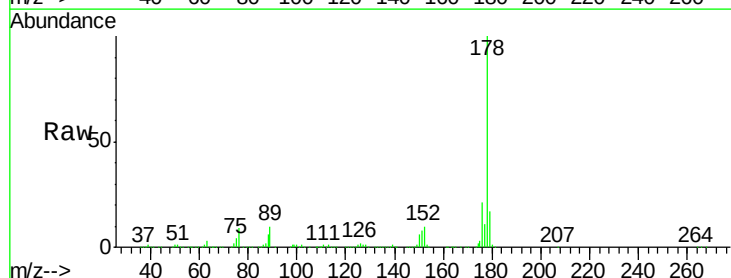
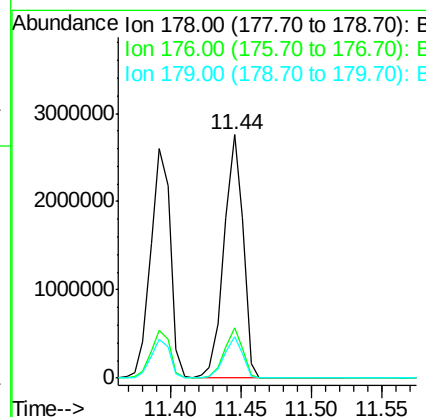
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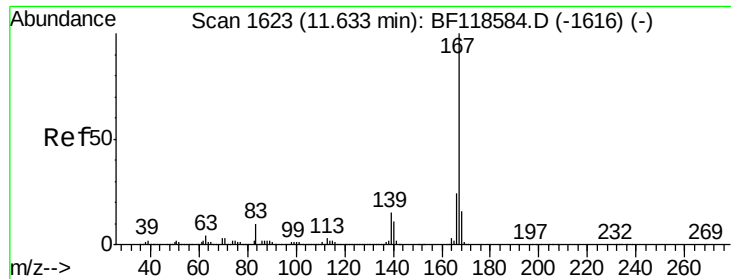
mohammad
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#72
Anthracene
Concen: 41.787 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:178 Resp: 2592717
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 17.0 13.3 19.9





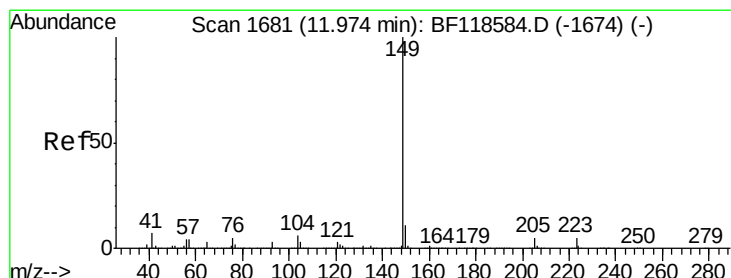
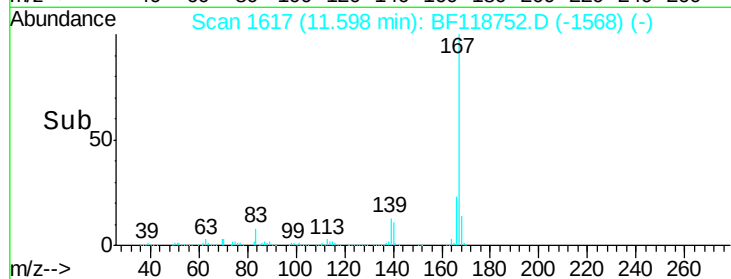
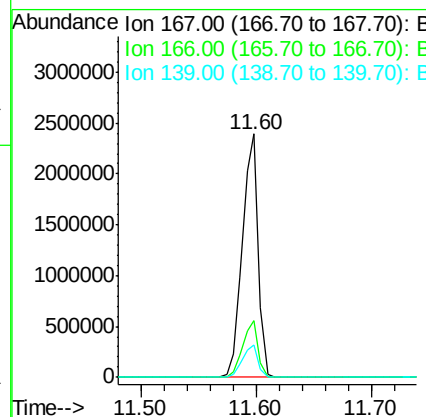
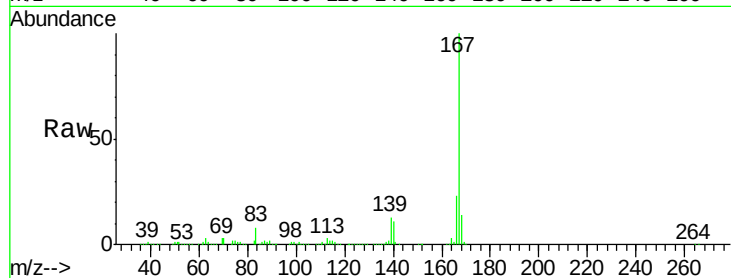
#73
 Carbazole
 Concen: 39.727 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	13.4	11.0	16.4

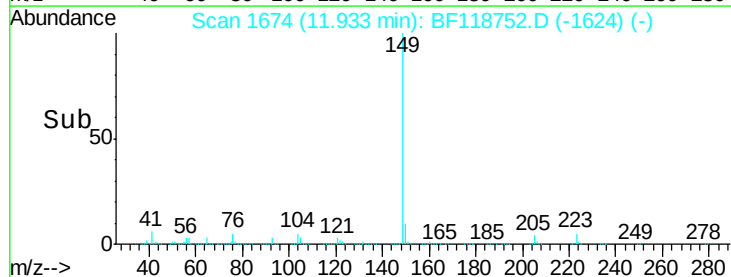
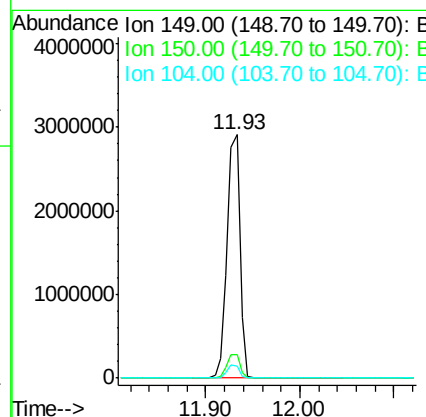
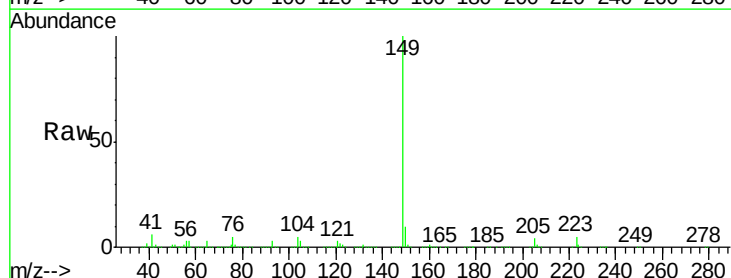
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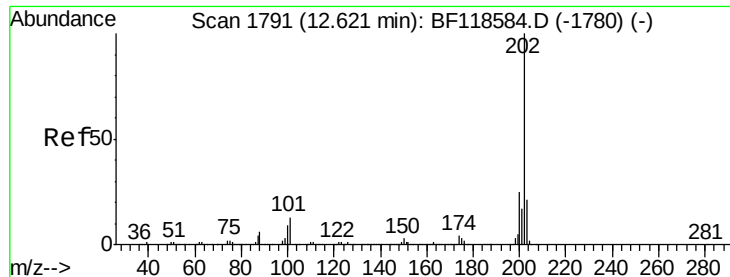
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.336 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 41.695 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

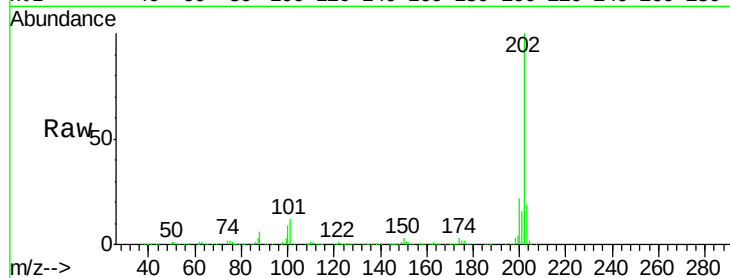
ClientSampleId :

PB126458BSD

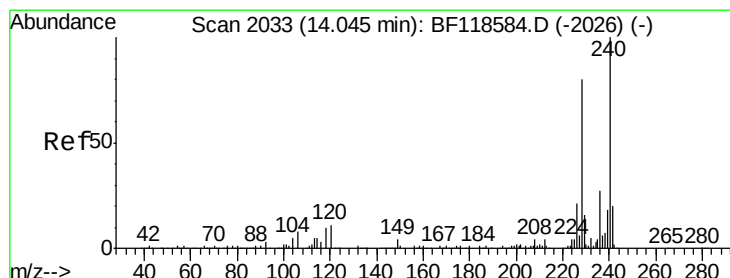
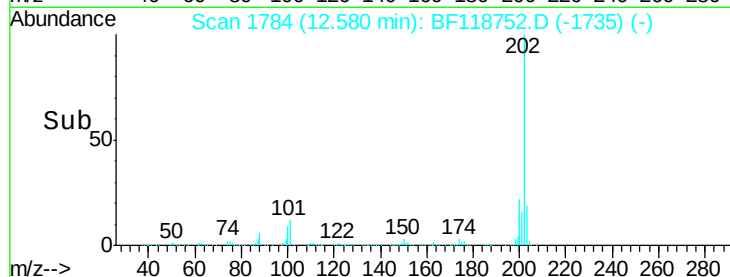
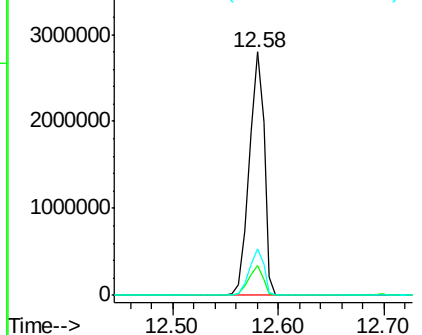
Tot Ion:	202	Resp:	2757538
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	19.1	0.0	38.9

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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

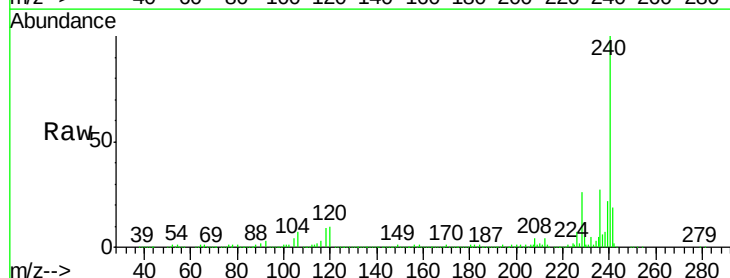
RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

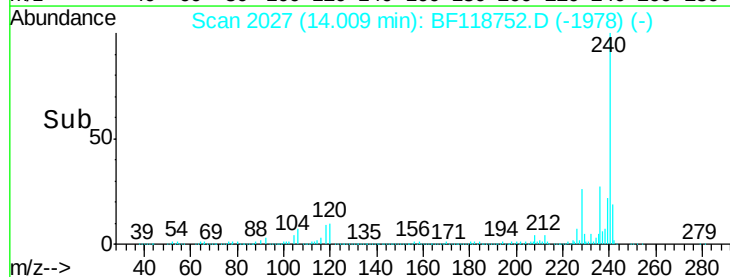
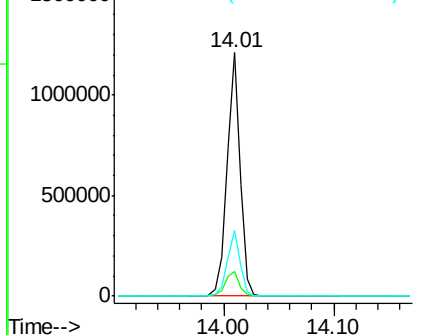
Lab File: BF118752.D

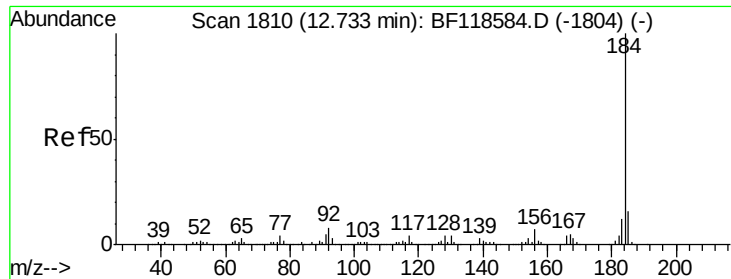
Acq: 30 Jan 2020 15:36

Tgt Ion:	240	Resp:	1004580
Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.6	11.4
236	26.8	21.0	31.4



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: 59.378 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB126458BSD

Tot Ion:184 Resp: 1593801

Ion Ratio Lower Upper

184 100

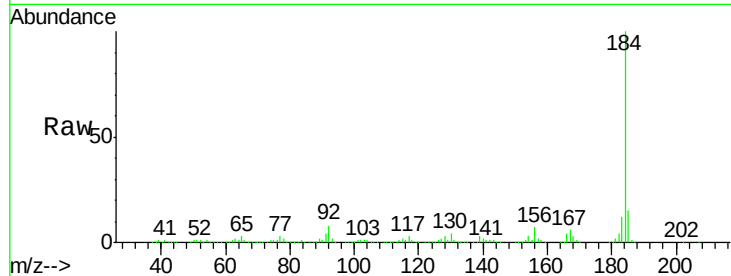
185 15.0 11.8 17.8

183 12.5 9.7 14.5

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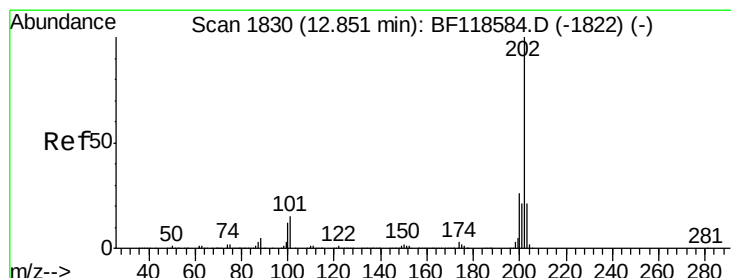
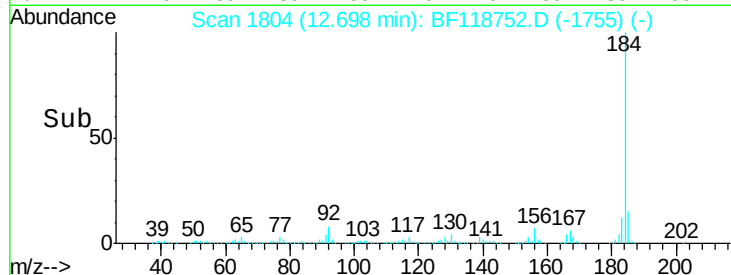
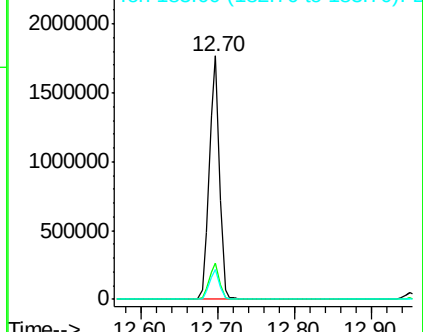
2/3/2020 7:57:01 AM



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: 41.209 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

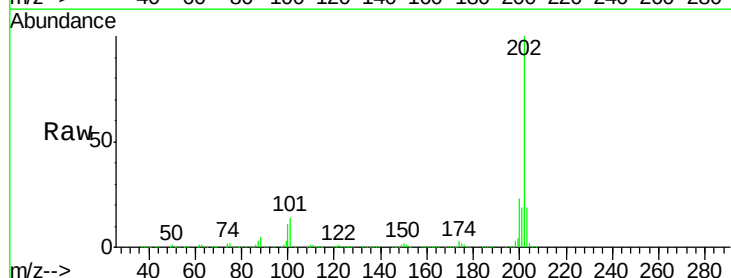
Tgt Ion:202 Resp: 2810518

Ion Ratio Lower Upper

202 100

200 23.0 18.1 27.1

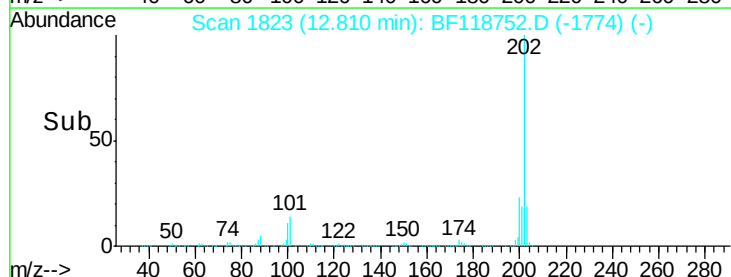
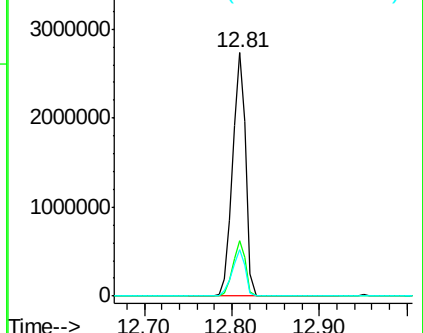
203 19.0 15.2 22.8

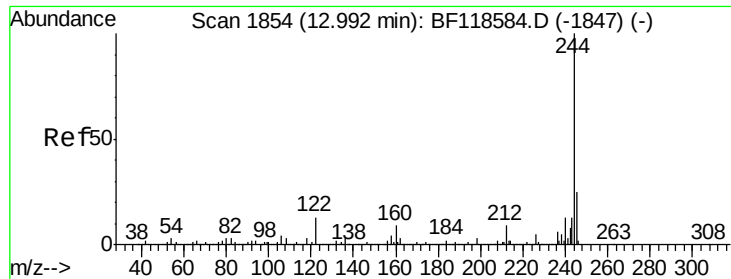


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





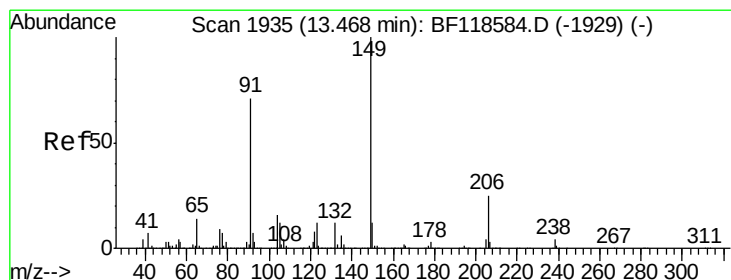
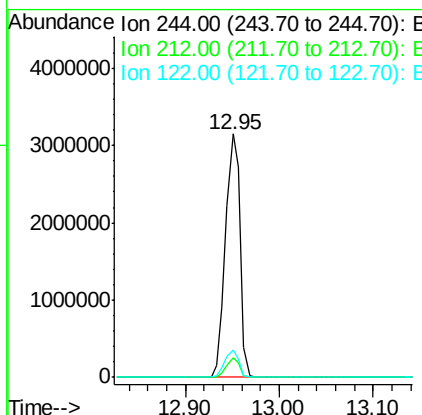
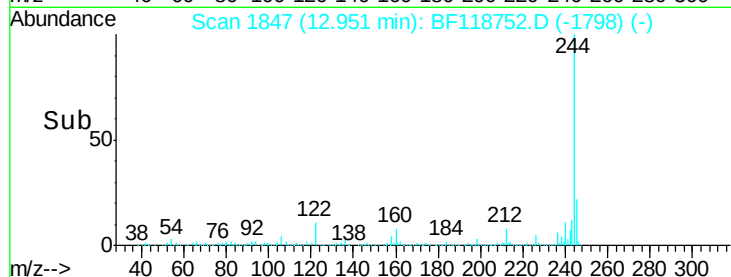
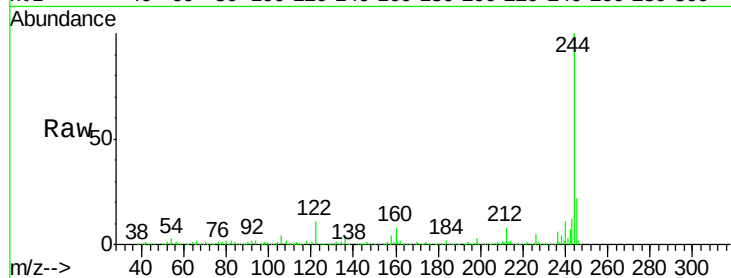
#79
 Terphenyl-d14
 Concen: 73.449 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB126458BSD

Tot Ion:244 Resp: 3382952
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 11.4 9.2 13.8

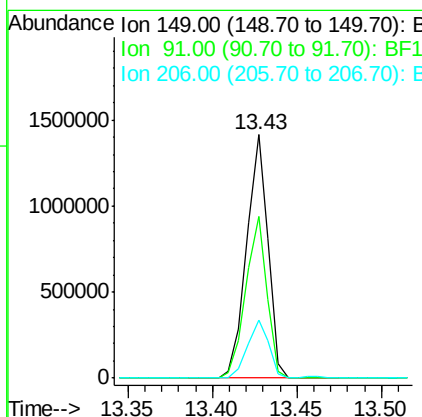
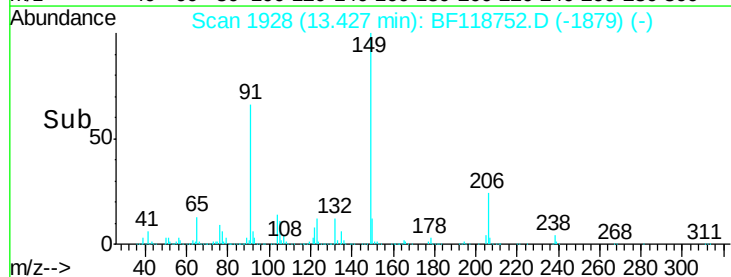
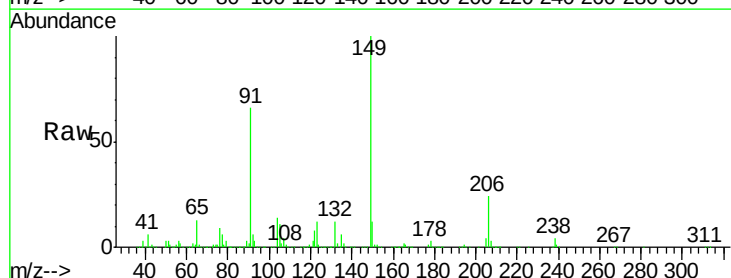
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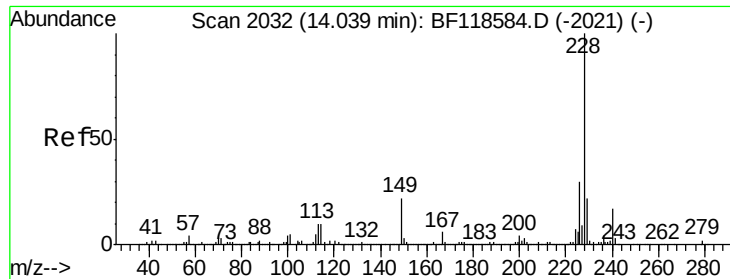
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#80
 Butylbenzylphthalate
 Concen: 44.817 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion:149 Resp: 1250946
 Ion Ratio Lower Upper
 149 100
 91 66.3 49.6 74.4
 206 23.9 19.9 29.9





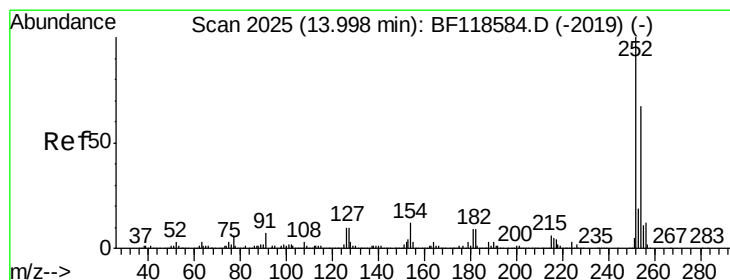
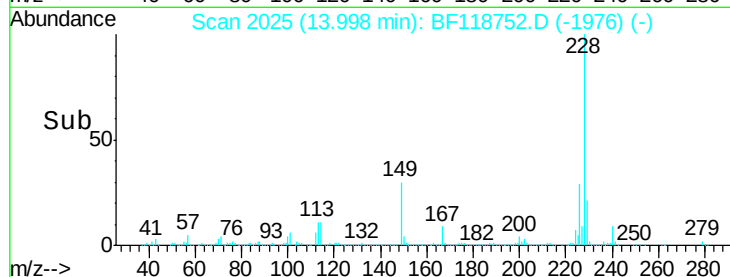
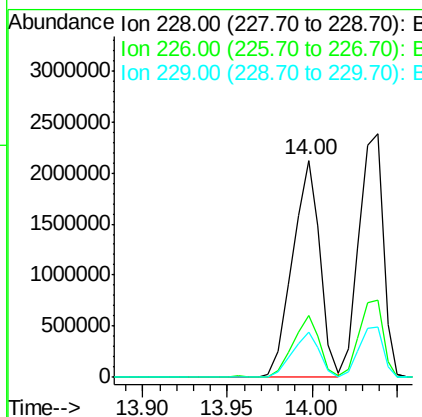
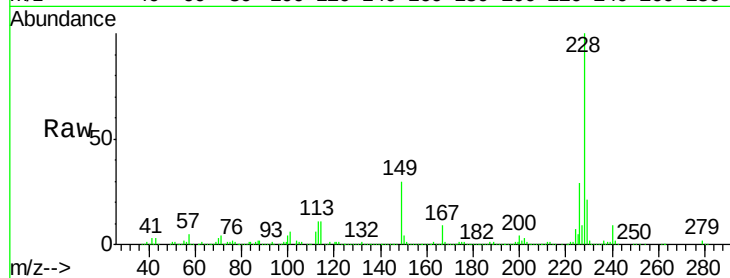
#81
Benzo(a)anthracene
Concen: 39.372 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.0	16.6	25.0

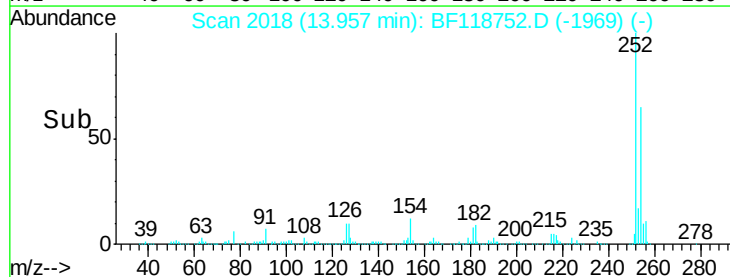
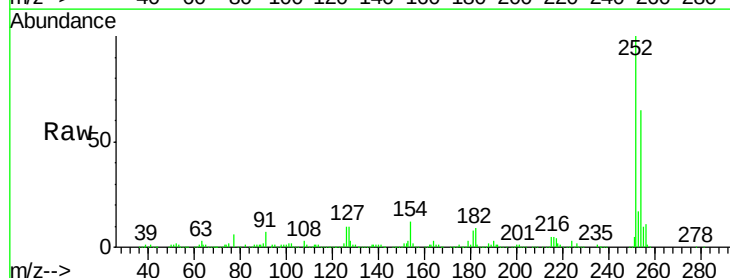
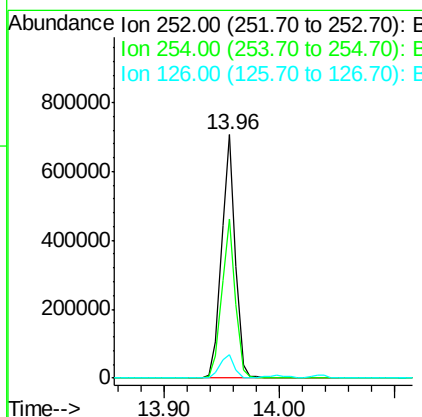
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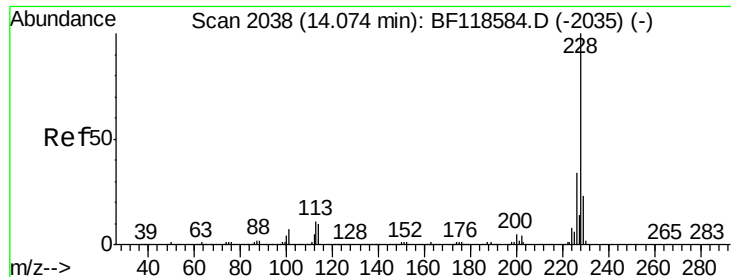
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#82
3,3'-Dichlorobenzidine
Concen: 27.060 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	9.8	8.1	12.1





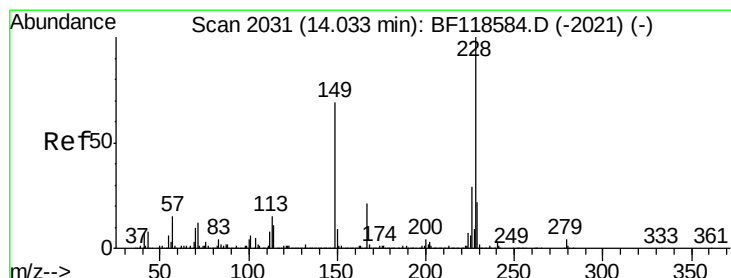
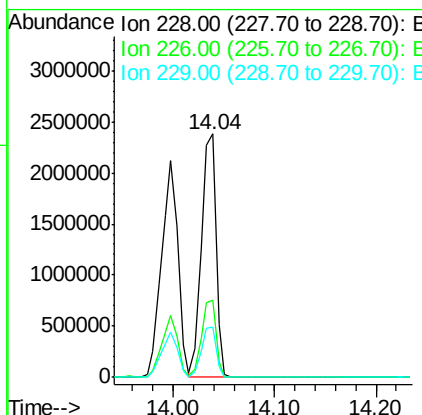
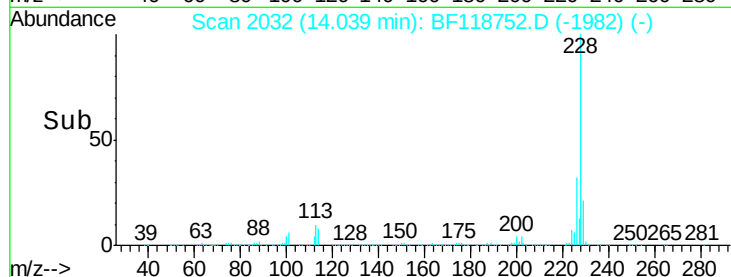
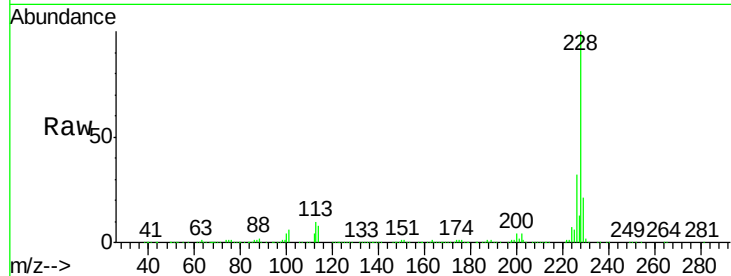
#83
Chrysene
Concen: 41.285 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

Tot Ion:228 Resp: 2391110
Ion Ratio Lower Upper
228 100
226 31.7 25.6 38.4
229 20.8 17.1 25.7

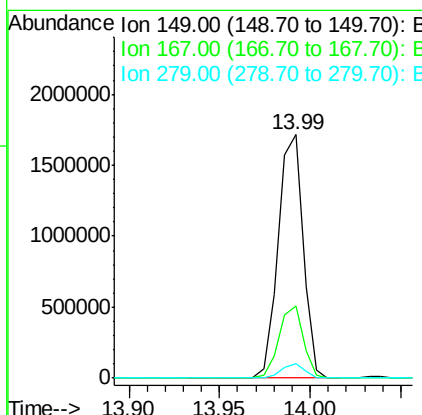
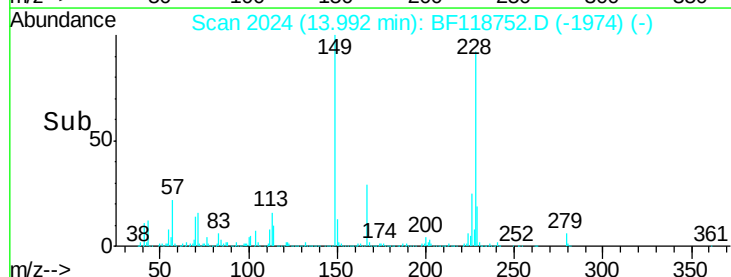
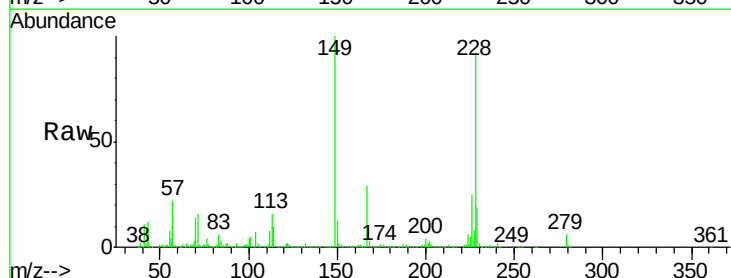
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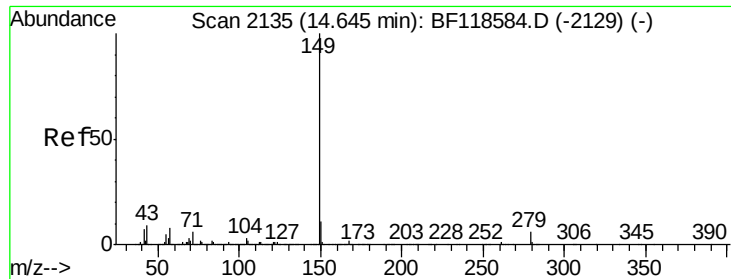
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.222 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:149 Resp: 1644444
Ion Ratio Lower Upper
149 100
167 29.4 23.6 35.4
279 6.1 4.5 6.7





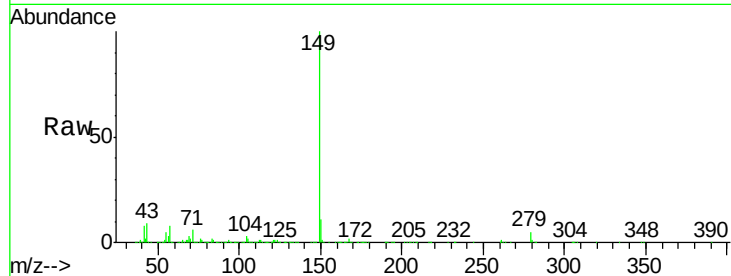
#85
Di-n-octyl phthalate
Concen: 55.742 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

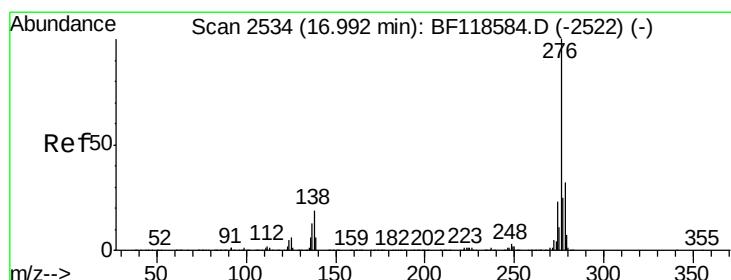
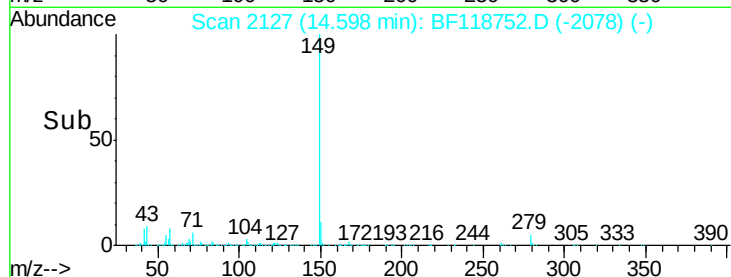
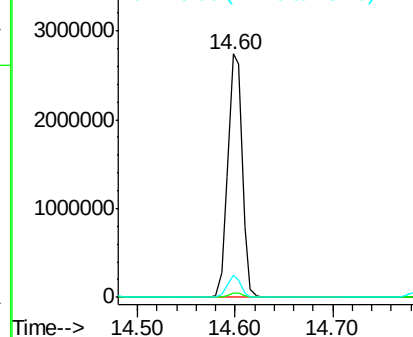
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.4	6.6	10.0

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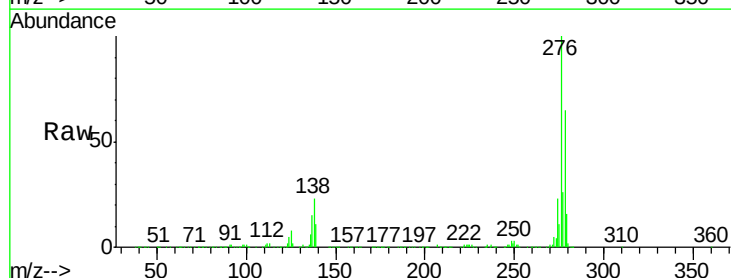


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

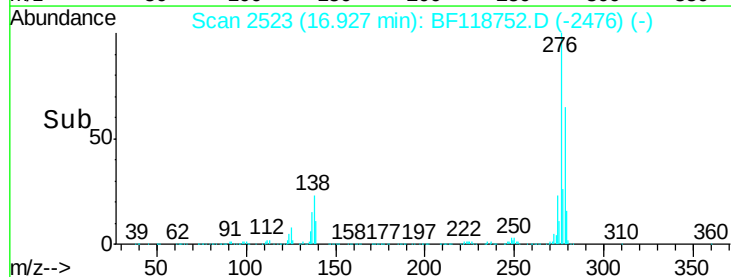
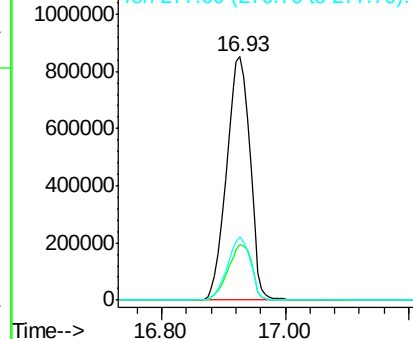


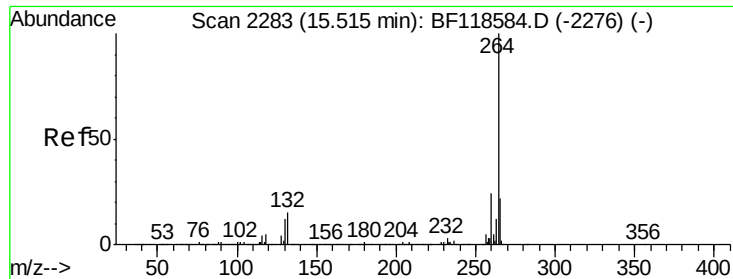
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.622 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.2	27.4
277	25.6	20.4	30.6



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: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

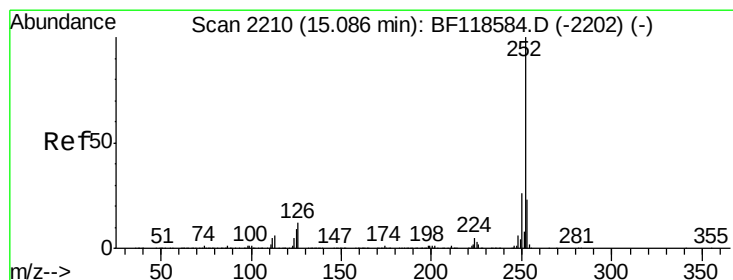
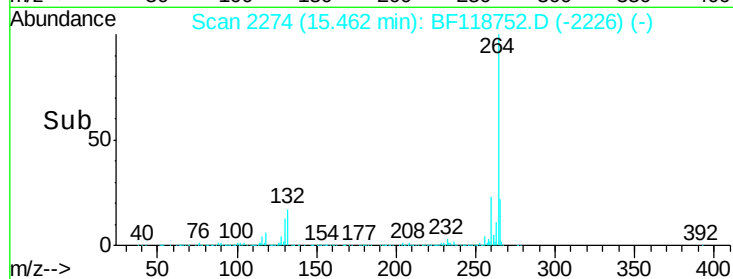
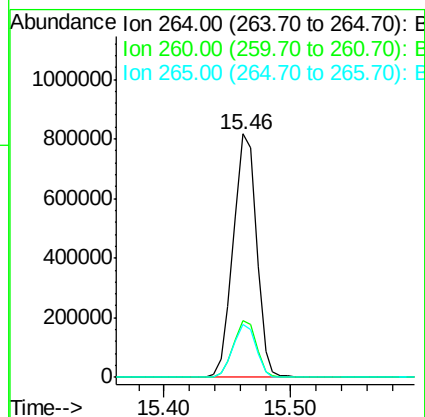
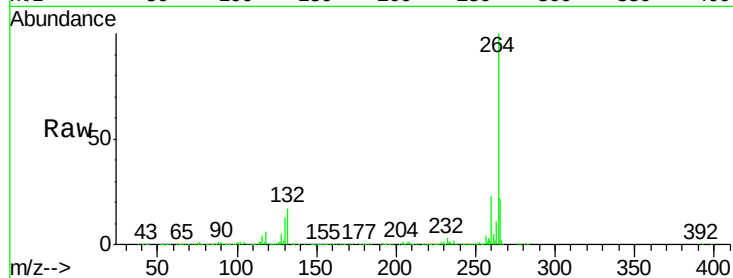
Instrument :
BNA_F
ClientSampleID :
PB126458BSD

Tot Ion:264 Resp: 1035782

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.5	17.0	25.6

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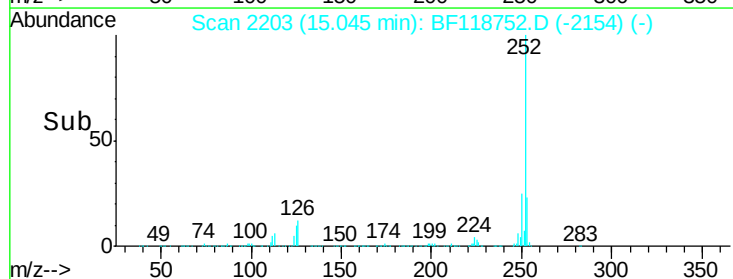
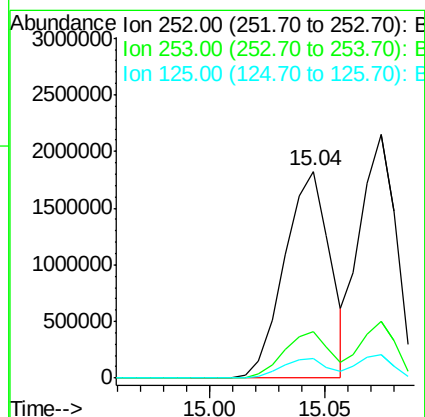
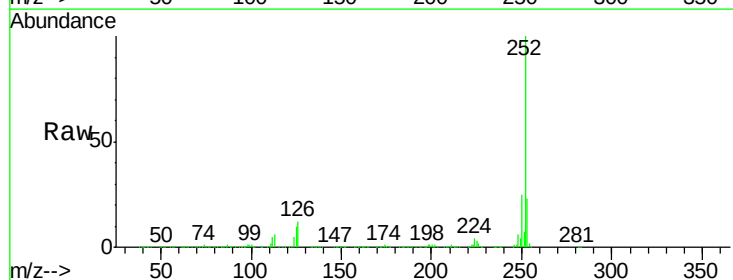
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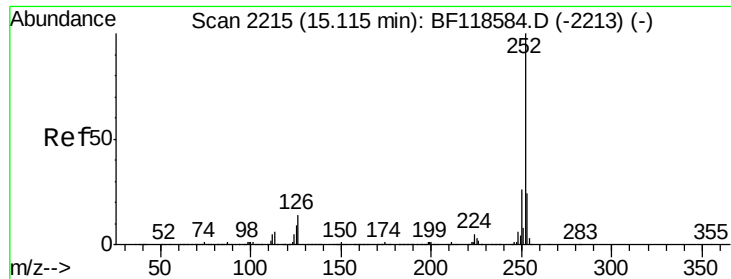


#88
Benzo(b)fluoranthene
Concen: 38.367 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:252 Resp: 2497954

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.6	7.7	11.5





#89

Benzo(k)fluoranthene

Concen: 38.946 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

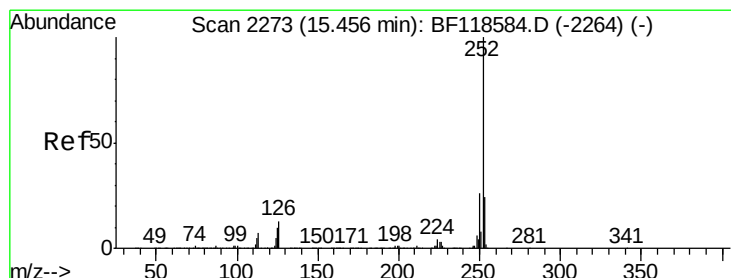
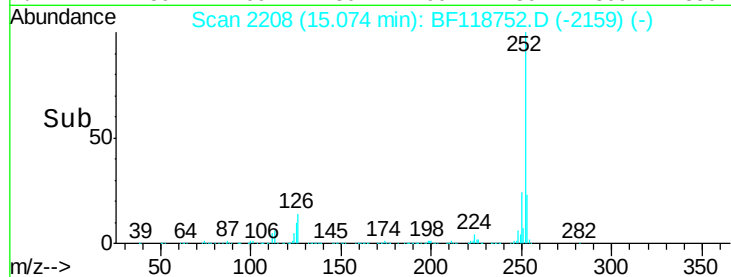
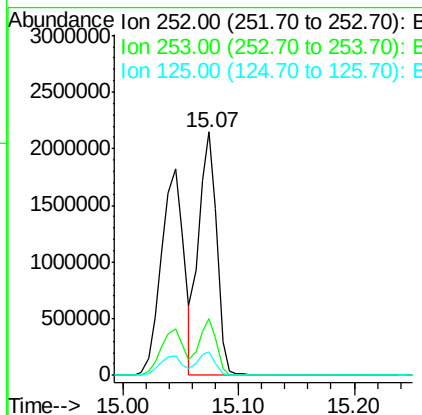
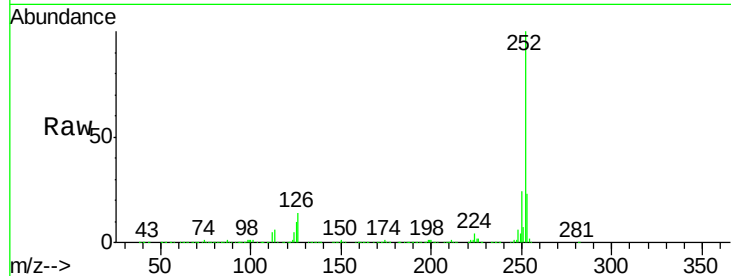
ClientSampleId :

PB126458BSD

Tot Ion:	252	Resp:	2349160
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	9.8	8.1	12.1

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#90

Benzo(a)pyrene

Concen: 38.284 ng

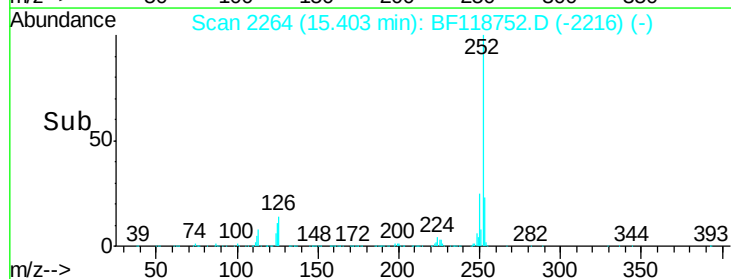
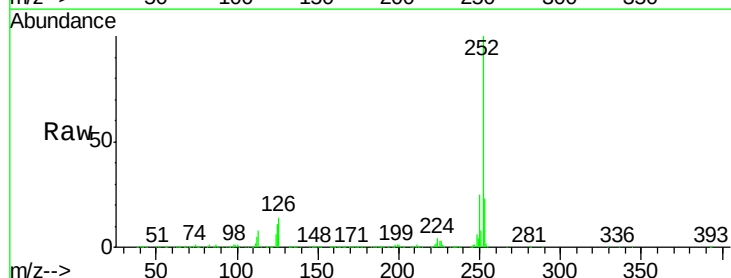
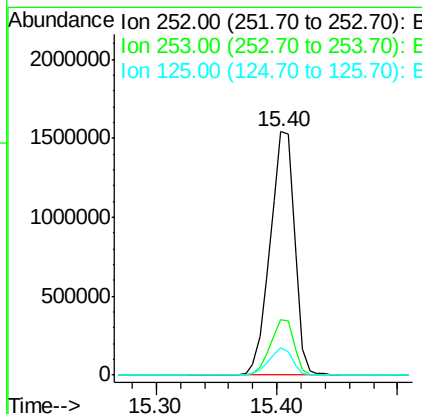
RT: 15.40 min Scan# 2264

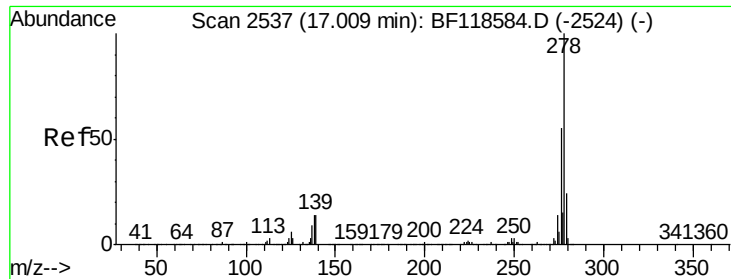
Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:	252	Resp:	2150126
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.0	8.3	12.5





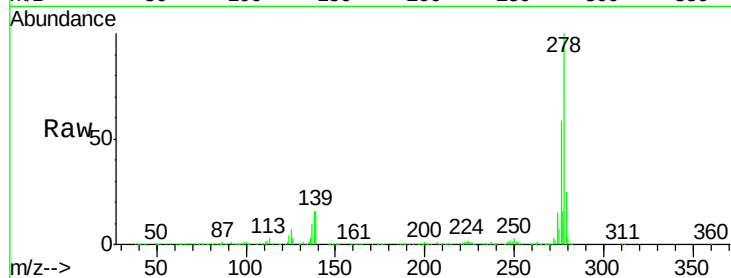
#91
Dibenzo(a,h)anthracene
Concen: 38.087 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB126458BSD

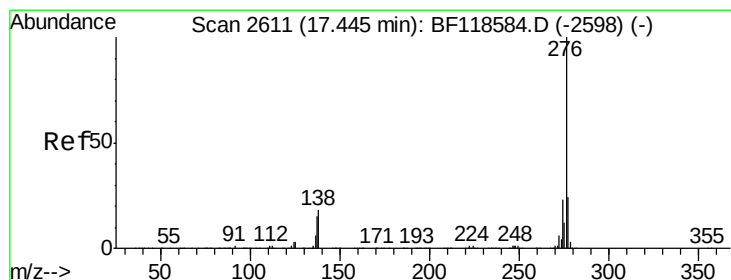
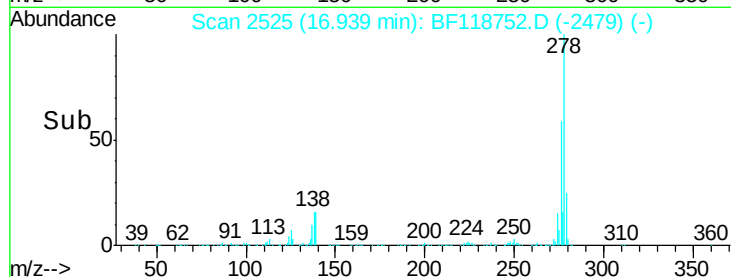
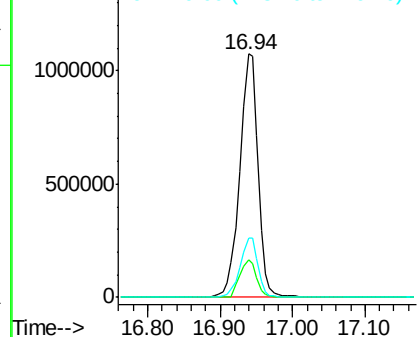
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.8	17.6
279	24.5	19.1	28.7

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.421 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	20.5	15.4	23.2

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

