

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118457.D
 Acq On : 3 Jan 2020 13:13
 Operator : JU
 Sample : PB125821BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:43:51 AM

Quant Time: Jan 04 00:20:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	81277	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	365936	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	196141	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	358674	20.00	ng	0.00
76) Chrysene-d12	14.05	240	269259	20.00	ng	0.00
87) Perylene-d12	15.53	264	213780	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	557653	117.12	ng	0.02
7) Phenol-d6	6.50	99	717784	121.52	ng	0.01
23) Nitrobenzene-d5	7.42	82	509101	79.57	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	298790	123.35	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1198767	93.29	ng	0.00
79) Terphenyl-d14	12.98	244	1462829	90.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	56554	29.878	ng	# 93
3) Pyridine	3.45	79	140500	27.860	ng	97
4) n-Nitrosodimethylamine	3.40	42	94836	45.484	ng	# 73
6) Aniline	6.52	93	200967	26.794	ng	# 87
8) 2-Chlorophenol	6.64	128	225715	41.856	ng	96
9) Benzaldehyde	6.40	77	121018	34.946	ng	91
10) Phenol	6.50	94	260382	39.221	ng	77
11) bis(2-Chloroethyl)ether	6.59	93	188191	39.637	ng	99
12) 1,3-Dichlorobenzene	6.79	146	265757	42.790	ng	98
13) 1,4-Dichlorobenzene	6.86	146	266722	42.281	ng	98
14) 1,2-Dichlorobenzene	7.02	146	263913	44.312	ng	98
15) Benzyl Alcohol	7.00	79	218196	48.517	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	224141	44.241	ng	61
17) 2-Methylphenol	7.11	107	207764	48.035	ng	# 92
18) Hexachloroethane	7.36	117	102424	44.239	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	171491	47.129	ng	93
20) 3+4-Methylphenols	7.27	107	263351	47.573	ng	# 82
22) Acetophenone	7.26	105	357782	39.892	ng	# 92
24) Nitrobenzene	7.44	77	261680	40.829	ng	96
25) Isophorone	7.67	82	464811	41.686	ng	98
26) 2-Nitrophenol	7.75	139	141203	41.595	ng	# 90
27) 2,4-Dimethylphenol	7.79	122	219417	47.373	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	287056	39.364	ng	99
29) 2,4-Dichlorophenol	8.00	162	225730	42.342	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	257531	41.470	ng	98
31) Naphthalene	8.16	128	818789	44.023	ng	99
32) Benzoic acid	7.95	122	129720	34.921	ng	99
33) 4-Chloroaniline	8.21	127	105299	13.206	ng	99
34) Hexachlorobutadiene	8.27	225	151523	40.989	ng	99
35) Caprolactam	8.59	113	76298m	45.842	ng	
36) 4-Chloro-3-methylphenol	8.71	107	253046	44.210	ng	99
37) 2-Methylnaphthalene	8.85	142	594420	46.679	ng	98
38) 1-Methylnaphthalene	8.95	142	548698	45.735	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	243827	41.374	ng	98

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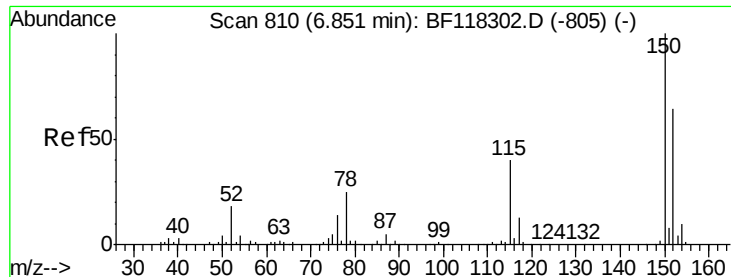
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	176906	72.270	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	161803	41.097	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	183370	45.276	nq	99
46) 1,1'-Biphenyl	9.32	154	696928	44.924	nq	97
47) 2-Chloronaphthalene	9.35	162	555331	44.477	nq	97
48) 2-Nitroaniline	9.45	65	153867	43.629	nq	95
49) Acenaphthylene	9.76	152	858217	46.345	nq	100
50) Dimethylphthalate	9.62	163	680932	46.249	nq	99
51) 2,6-Dinitrotoluene	9.69	165	148828	46.887	nq	91
52) Acenaphthene	9.93	154	504770	44.751	nq	98
53) 3-Nitroaniline	9.86	138	78357	21.032	nq	98
54) 2,4-Dinitrophenol	9.98	184	108387	68.519	nq	95
55) Dibenzofuran	10.10	168	762860	45.772	nq	95
56) 4-Nitrophenol	10.04	139	158940	69.107	nq	93
57) 2,4-Dinitrotoluene	10.10	165	194354	45.823	nq	# 82
58) Fluorene	10.45	166	592393	44.031	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	133611	38.826	nq	96
60) Diethylphthalate	10.32	149	625302	42.930	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	285557	42.517	nq	98
62) 4-Nitroaniline	10.49	138	129134	33.365	nq	95
63) Azobenzene	10.60	77	590720	47.348	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	92092	47.595	nq	85
66) n-Nitrosodiphenylamine	10.56	169	542842	47.222	nq	97
67) 4-Bromophenyl-phenylether	10.93	248	183269	43.661	nq	95
68) Hexachlorobenzene	11.00	284	211178	42.741	nq	99
69) Atrazine	11.09	200	195061	54.980	nq	98
70) Pentachlorophenol	11.20	266	161088	75.282	nq	99
71) Phenanthrene	11.42	178	861995	44.085	nq	99
72) Anthracene	11.47	178	887539	45.349	nq	97
73) Carbazole	11.63	167	750109	43.193	nq	99
74) Di-n-butylphthalate	11.94	149	1066984	48.455	nq	99
75) Fluoranthene	12.62	202	910723	46.152	nq	99
77) Benzidine	12.73	184	419344	56.838	nq	98
78) Pyrene	12.84	202	903257	41.080	nq	99
80) Butylbenzylphthalate	13.45	149	439397	44.382	nq	97
81) Benzo(a)anthracene	14.04	228	843727	44.766	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	152339	23.839	nq	99
83) Chrysene	14.07	228	775027	42.946	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	669482	51.427	nq	99
85) Di-n-octyl phthalate	14.62	149	1017031	53.111	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	556837	36.213	nq	99
88) Benzo(b)fluoranthene	15.10	252	640013	45.101	nq	99
89) Benzo(k)fluoranthene	15.13	252	632175	46.396	nq	99
90) Benzo(a)pyrene	15.47	252	549522	43.959	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	468744	43.210	nq	100
92) Benzo(g,h,i)perylene	17.50	276	473196	45.156	nq	99

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



#1

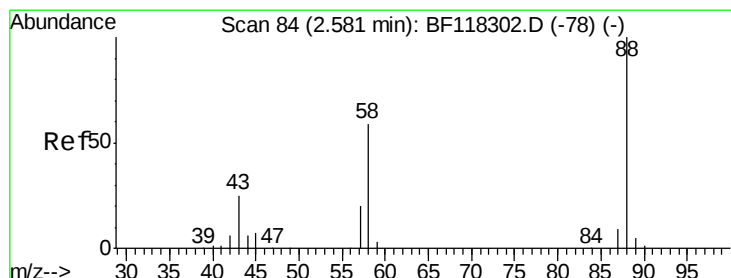
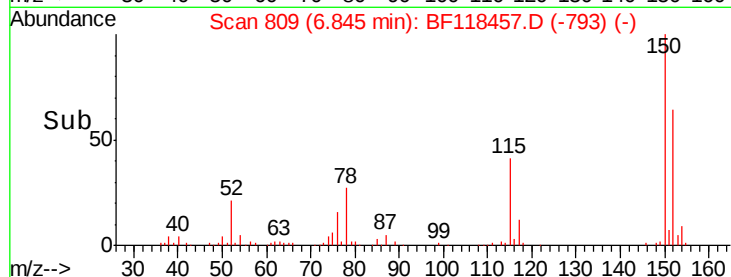
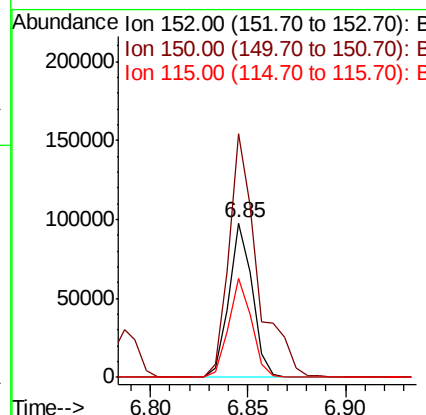
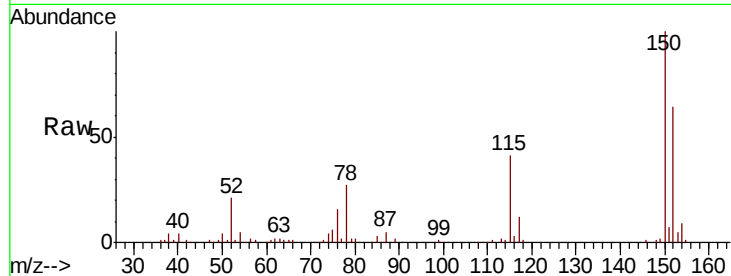
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.4	188.2
115	64.2	50.2	75.4

Manual Integrations
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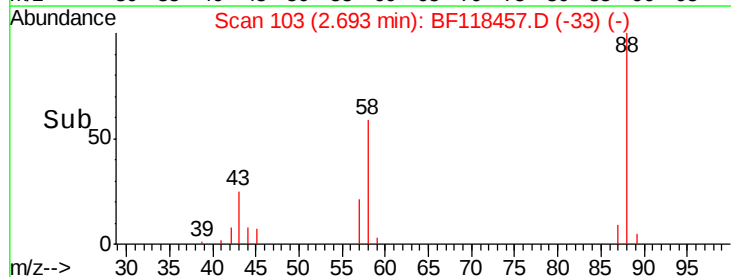
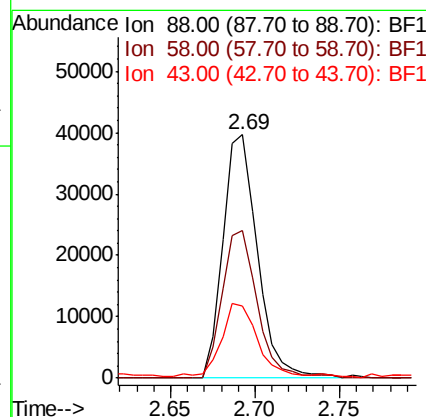
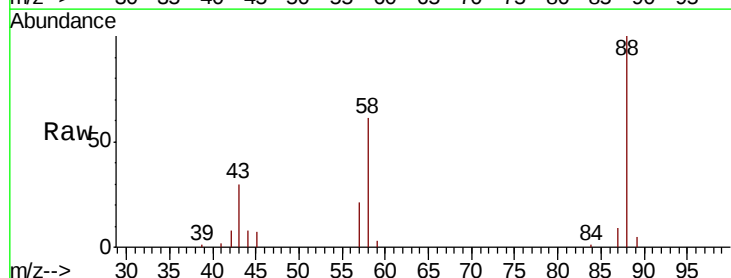
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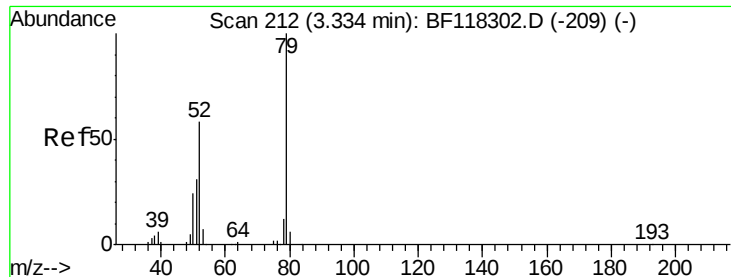


#2

1,4-Dioxane
Concen: 29.878 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.11 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	47.6	71.4
43	34.3	20.6	30.8





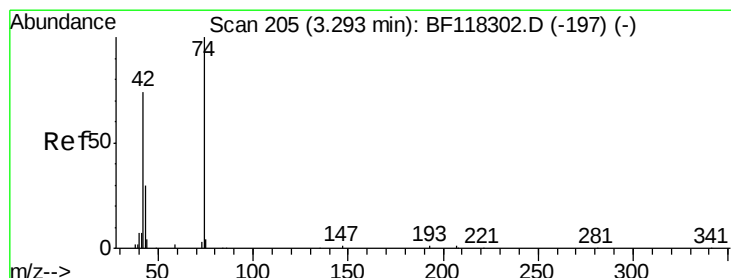
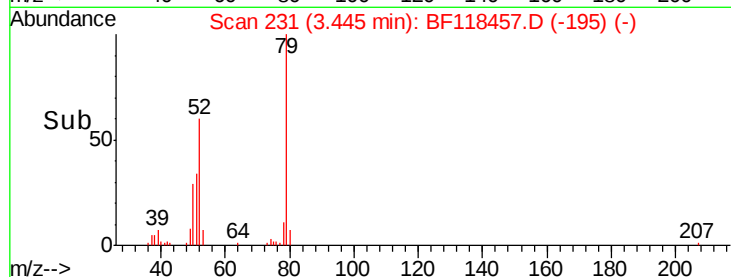
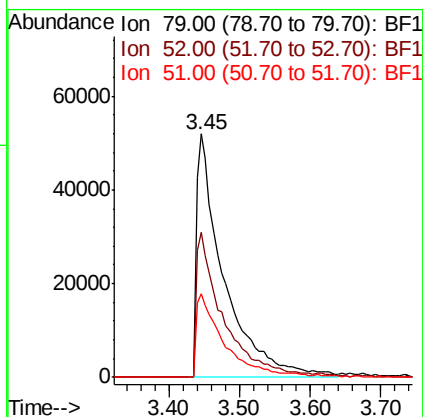
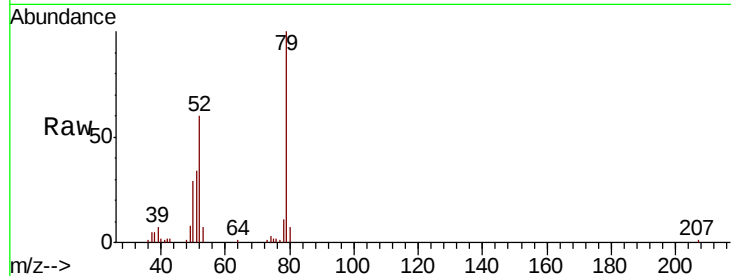
#3
 Pvridine
 Concen: 27.860 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.11 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	140500		
52	59.7	46.4	69.6	
51	34.1	24.9	37.3	

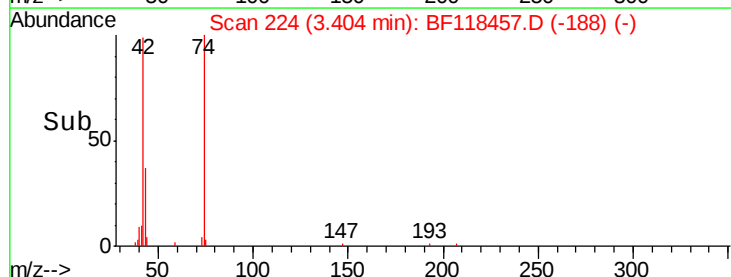
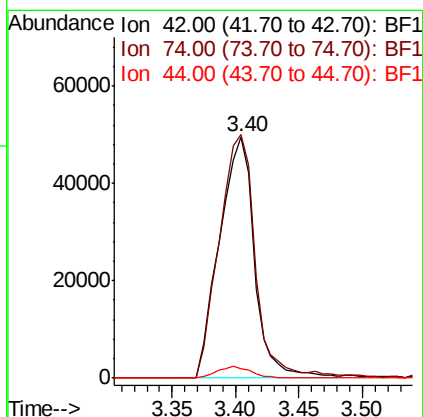
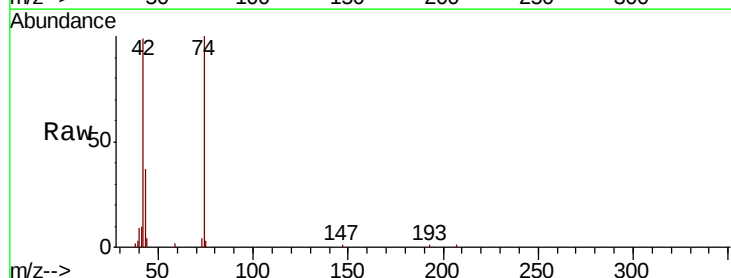
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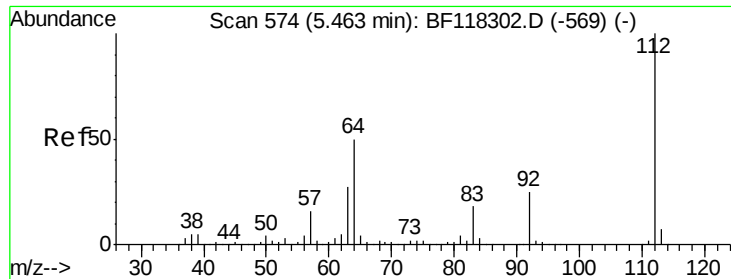
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#4
 n-Nitrosodimethylamine
 Concen: 45.484 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.11 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	94836		
74	101.0	107.7	161.5#	
44	3.9	4.8	7.2#	





#5

2-Fluorophenol

Concen: 117.119 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

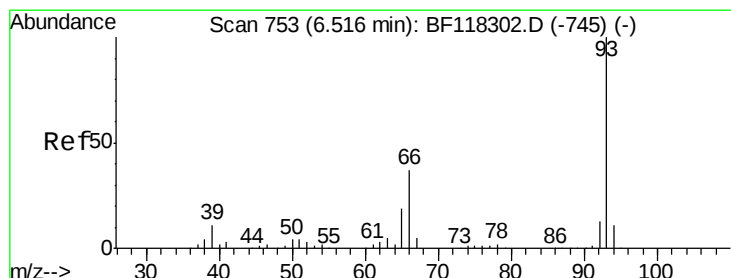
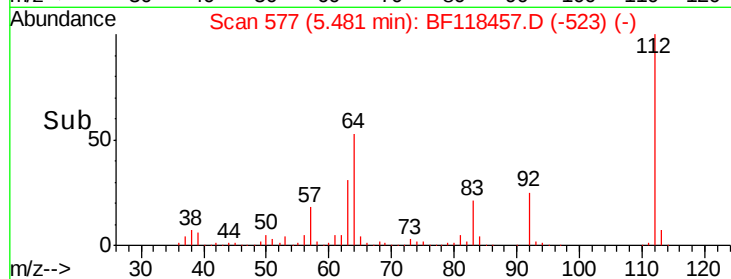
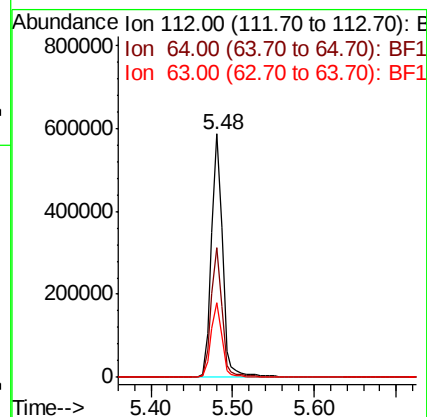
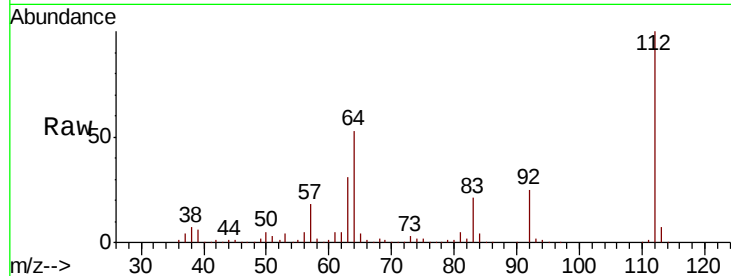
ClientSampled :

PB125821BS

Tot Ion:	112	Resp:	557653
Ion Ratio	Lower	Upper	
112	100		
64	53.1	39.7	59.5
63	30.7	21.7	32.5

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#6

Aniline

Concen: 26.794 ng

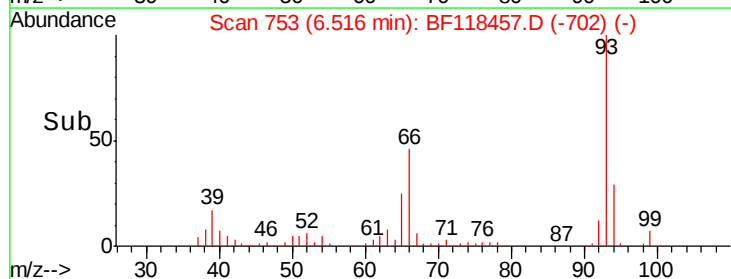
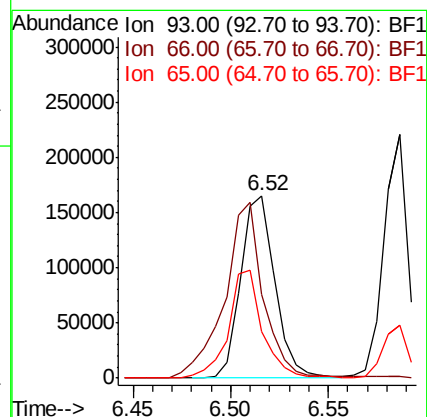
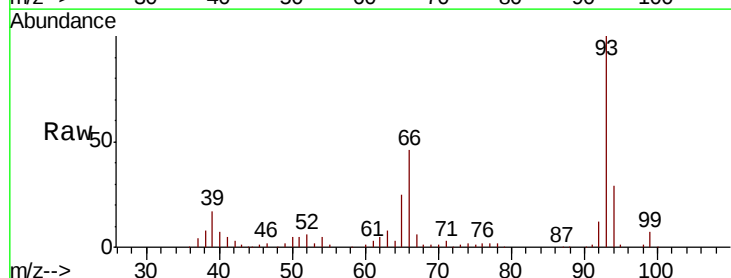
RT: 6.52 min Scan# 753

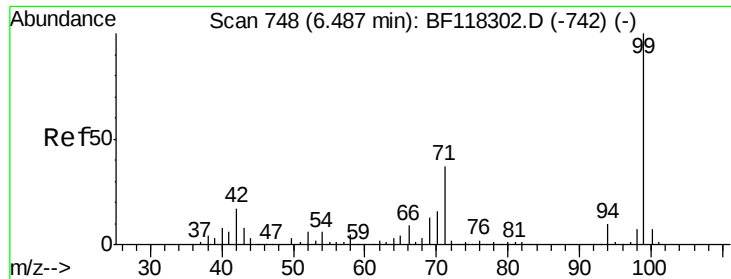
Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:	93	Resp:	200967
Ion Ratio	Lower	Upper	
93	100		
66	46.0	30.2	45.4#
65	25.4	15.7	23.5#





#7

Phenol-d6

Concen: 121.521 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

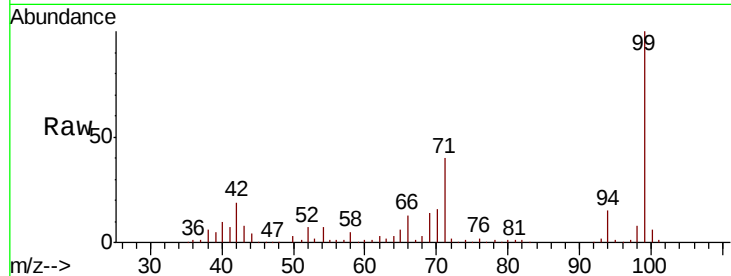
ClientSampleId :

PB125821BS

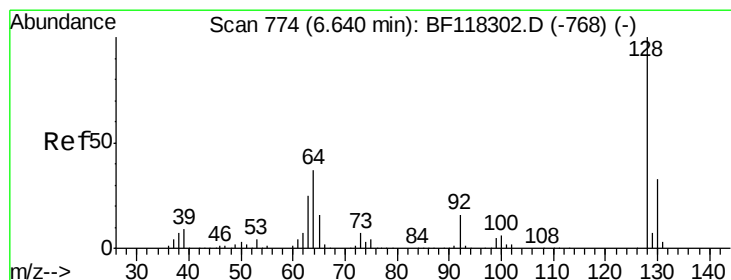
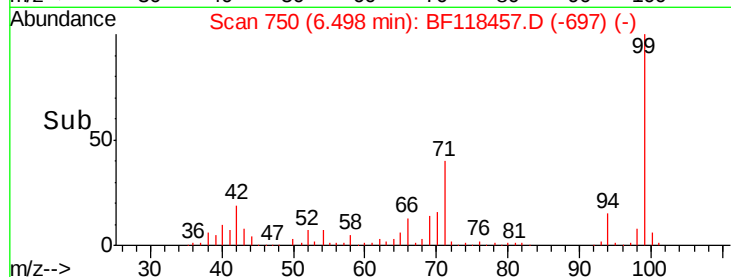
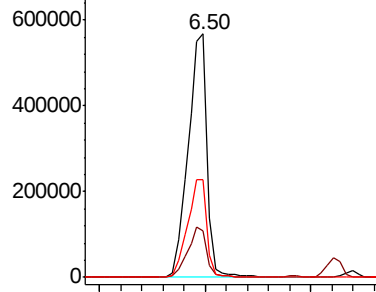
Tot Ion:	99	Resp:	717784
Ion Ratio	Lower	Upper	
99	100		
42	19.1	13.5	20.3
71	39.9	29.4	44.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.856 ng

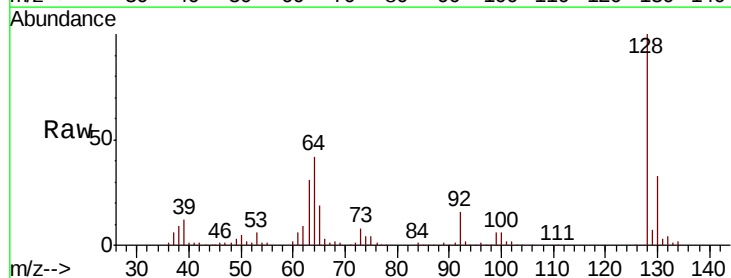
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

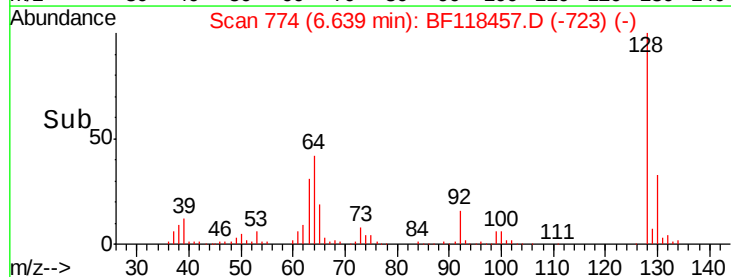
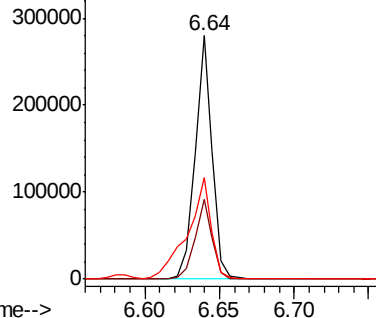
Lab File: BF118457.D

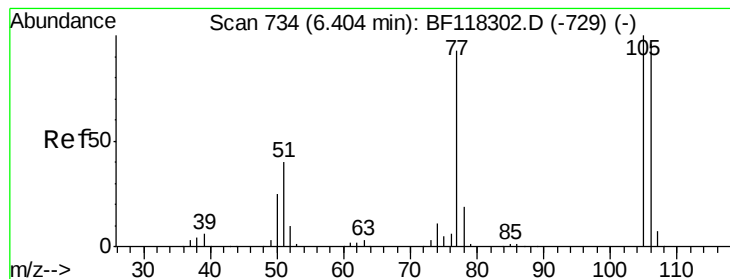
Acq: 3 Jan 2020 13:13

Tgt Ion:	128	Resp:	225715
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.2	53.2
64	41.5	17.7	57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.946 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

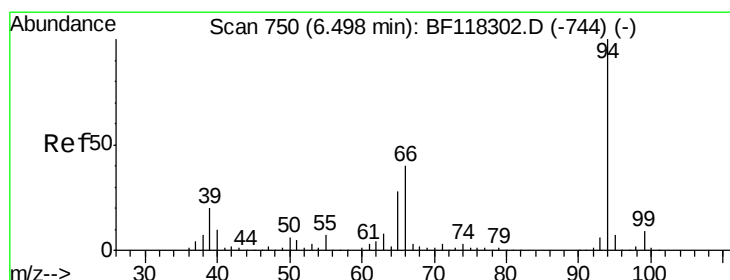
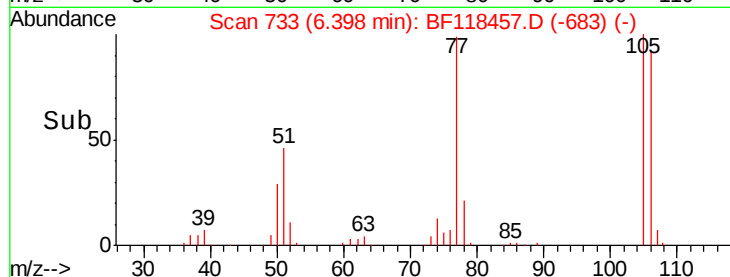
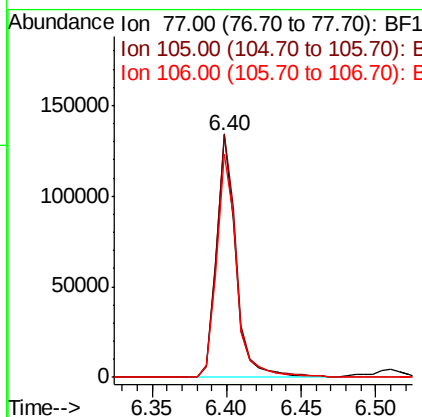
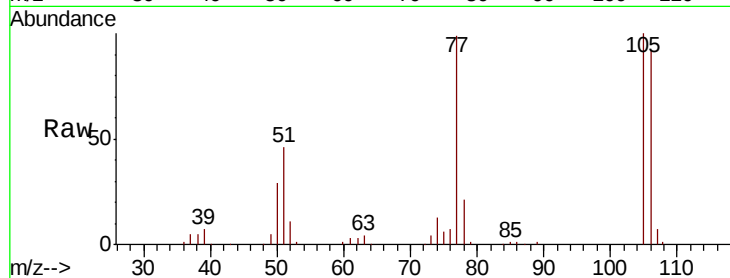
ClientSampleId :

PB125821BS

Tot Ion:	77	Resp:	121018
Ion	Ratio	Lower	Upper
77	100		
105	100.7	87.5	127.5
106	92.6	83.6	123.6

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#10

Phenol

Concen: 39.221 ng

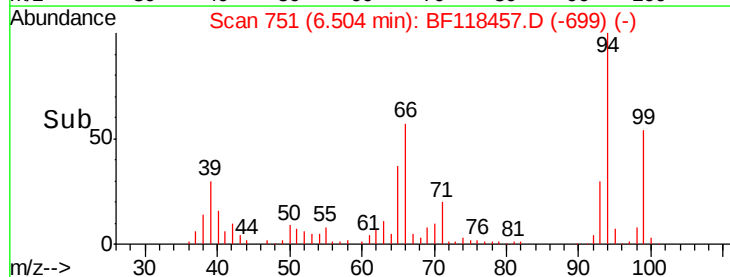
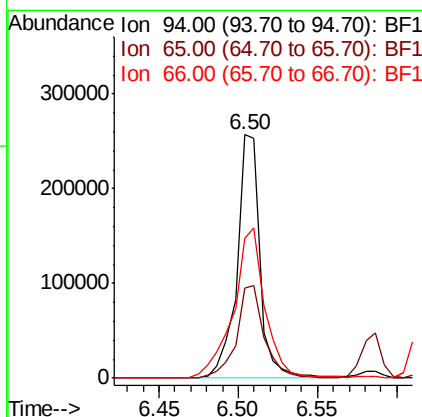
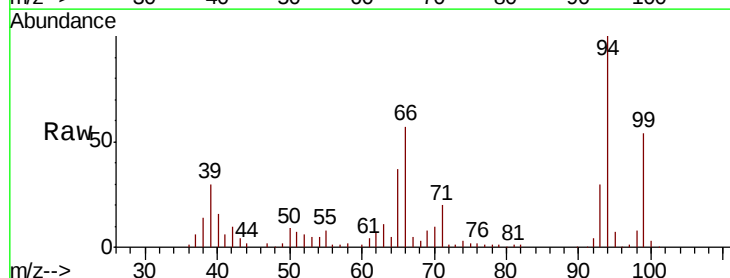
RT: 6.50 min Scan# 751

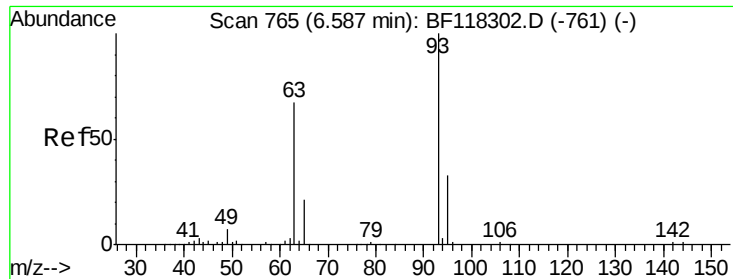
Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:	94	Resp:	260382
Ion	Ratio	Lower	Upper
94	100		
65	36.8	7.8	47.8
66	57.3	20.4	60.4





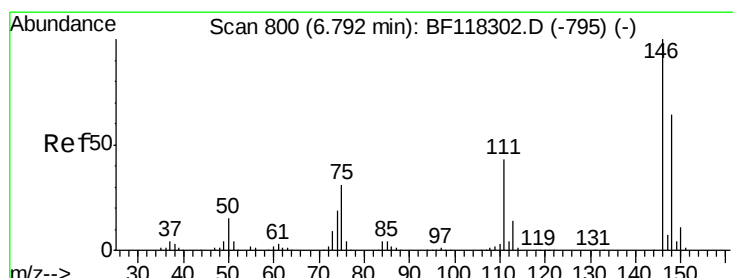
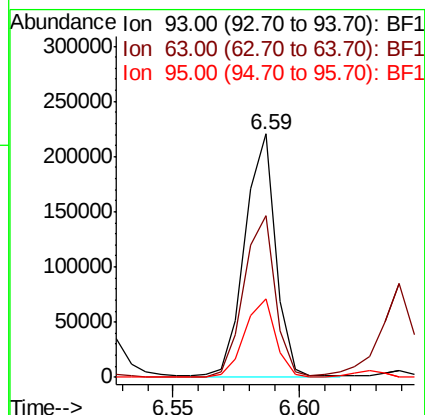
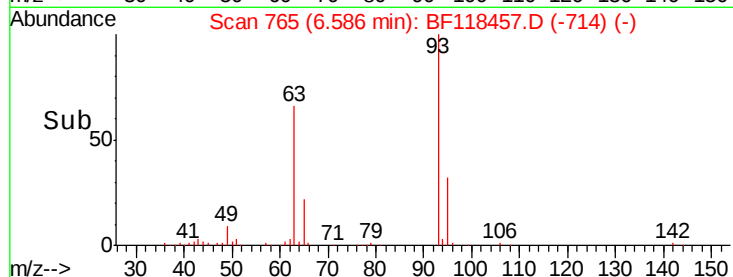
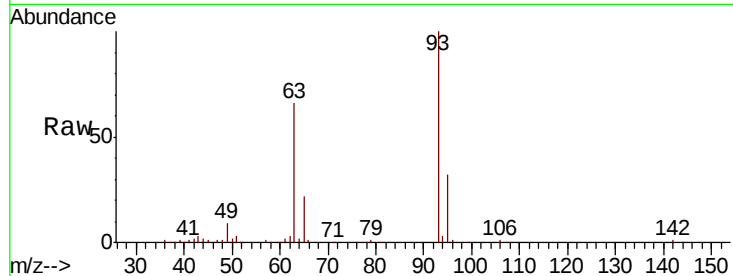
#11
bis(2-Chloroethyl)ether
Concen: 39.637 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion:	93	Resp:	188191
Ion	Ratio	Lower	Upper
93	100		
63	66.4	47.0	87.0
95	32.4	12.8	52.8

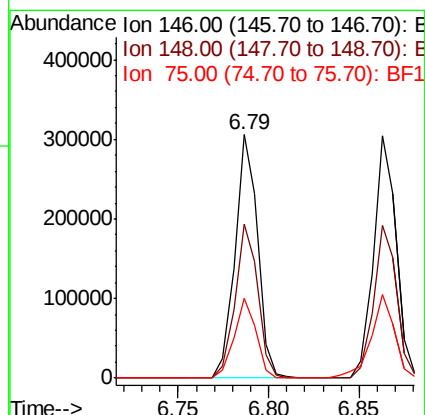
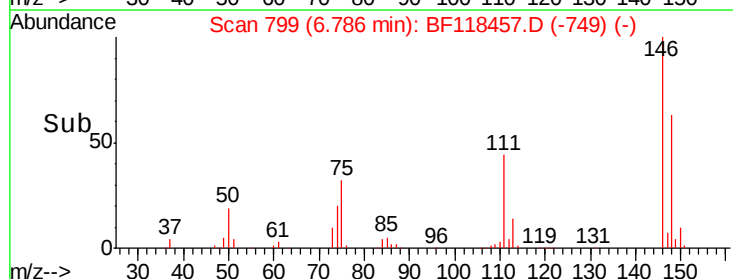
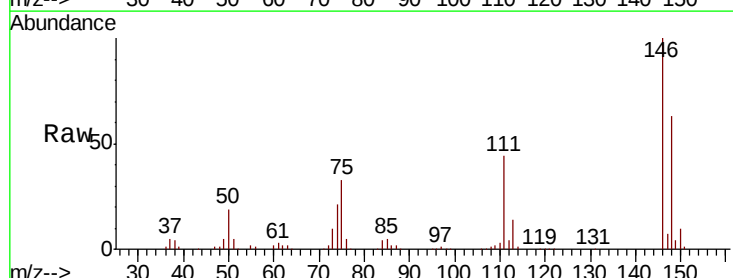
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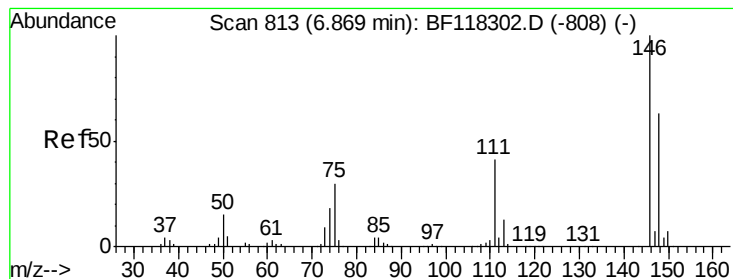
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.790 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:	146	Resp:	265757
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	32.7	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 42.281 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

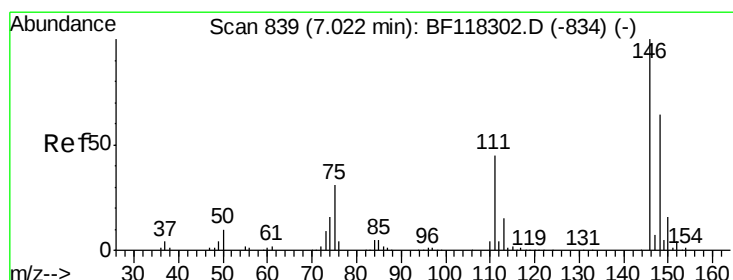
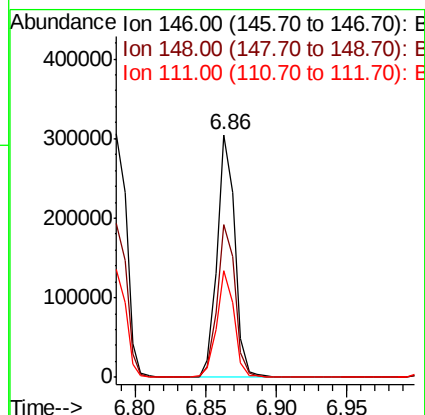
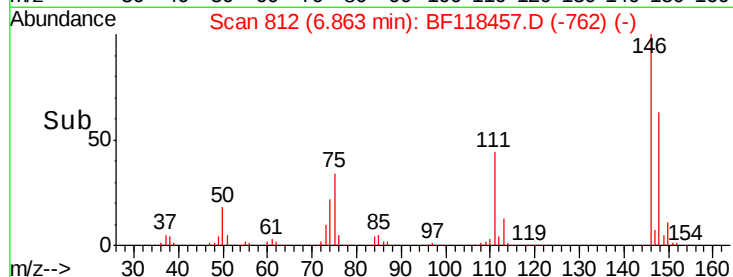
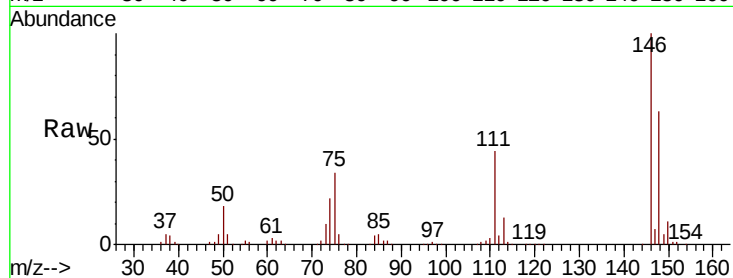
ClientSampleId :

PB125821BS

Tot Ion:	146	Resp:	266722
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.3	75.5
111	44.0	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 44.312 ng

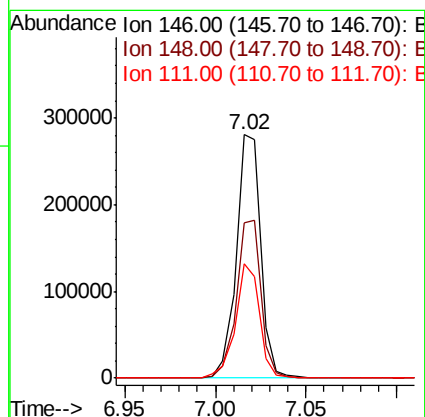
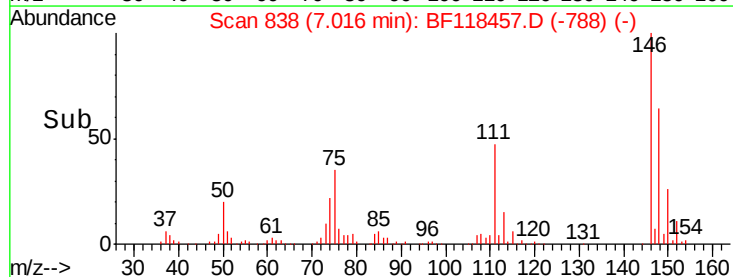
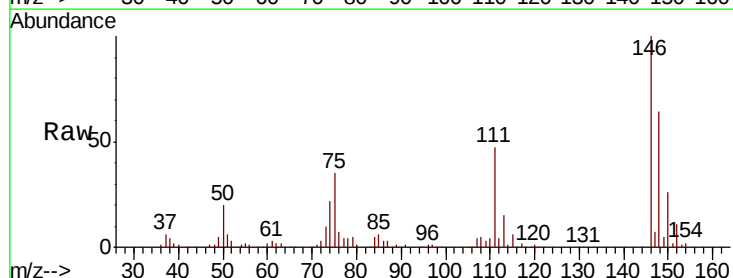
RT: 7.02 min Scan# 838

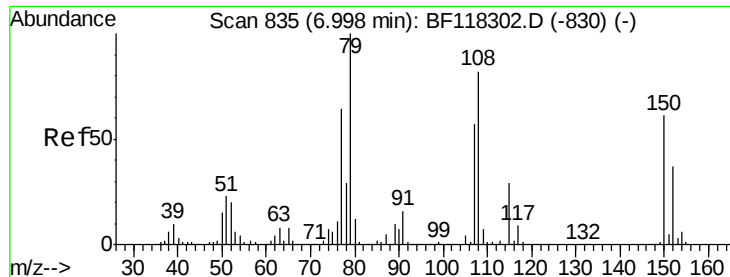
Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:	146	Resp:	263913
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.3	76.9
111	47.0	35.7	53.5





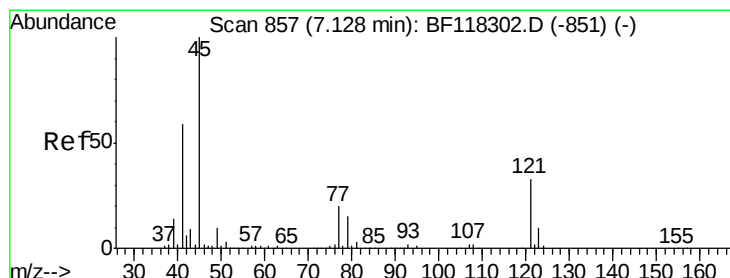
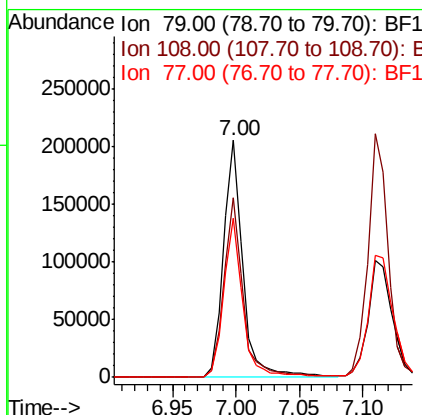
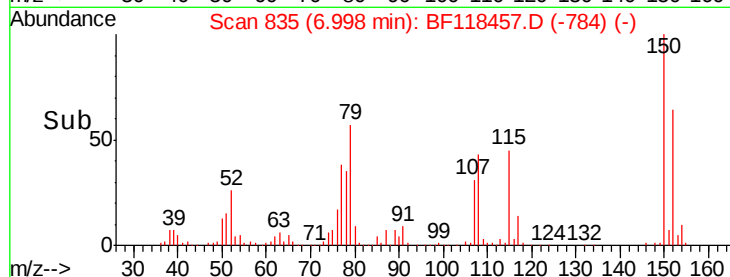
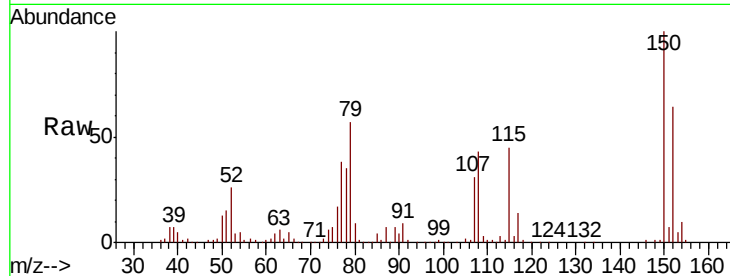
#15
Benzyl Alcohol
Concen: 48.517 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampled :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	218196		
108	75.9	65.4	98.0	
77	67.3	51.4	77.0	

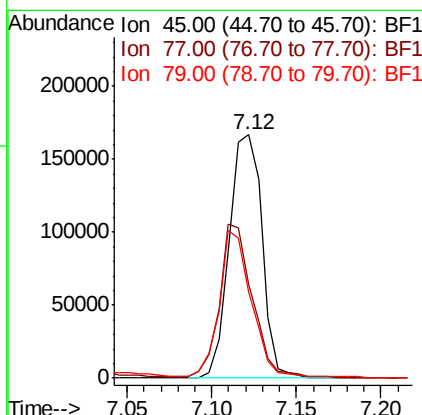
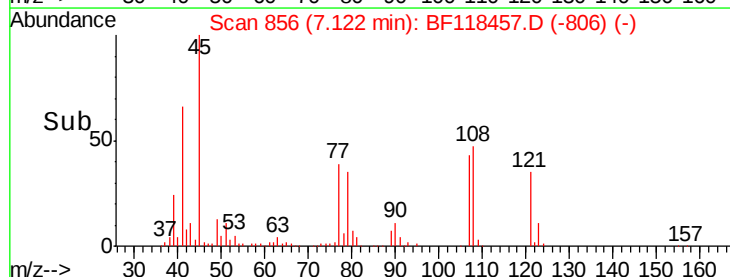
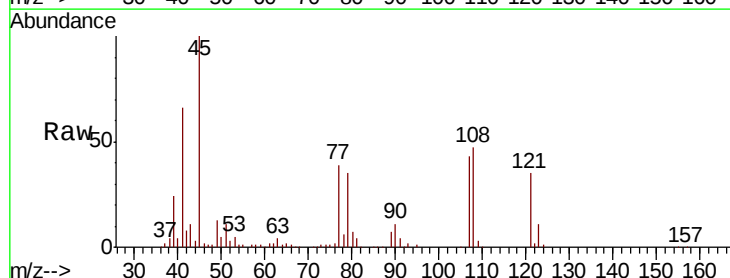
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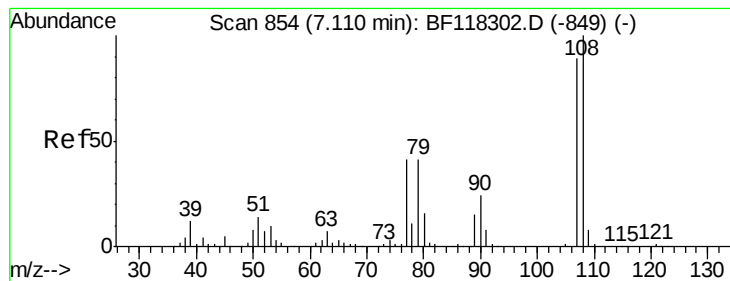
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.241 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	224141		
77	38.8	1.2	41.2	
79	35.2	0.0	37.0	





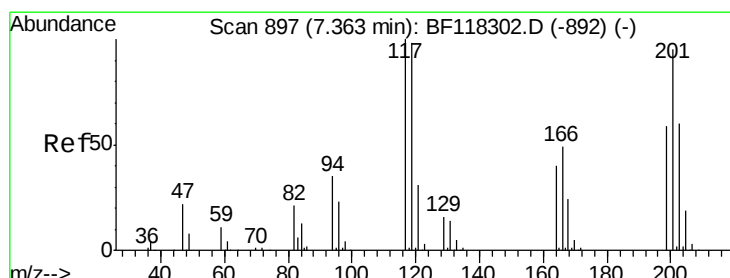
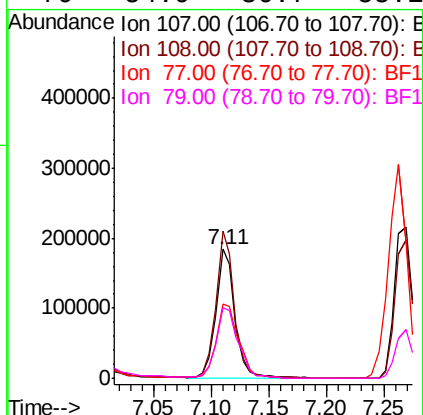
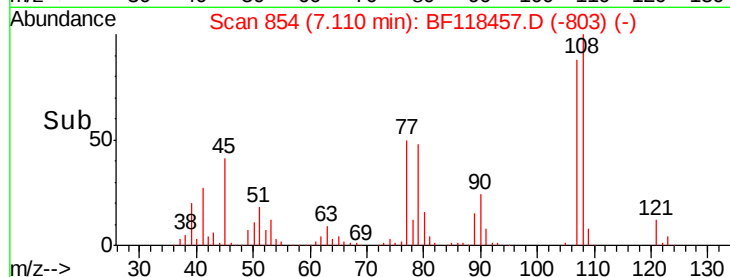
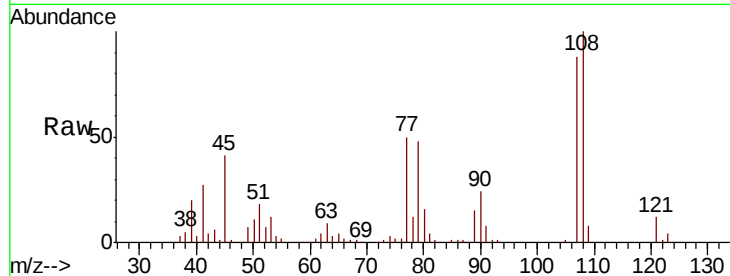
#17
2-Methylphenol
Concen: 48.035 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	89.7	134.5
77	57.2	37.2	55.8
79	54.9	36.7	55.1

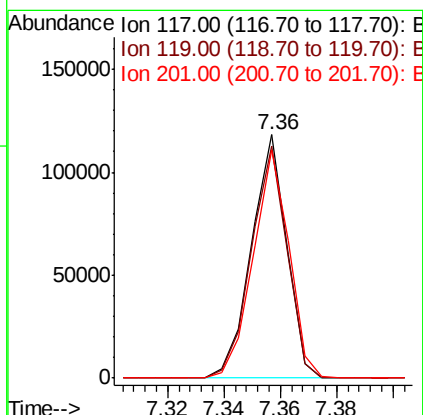
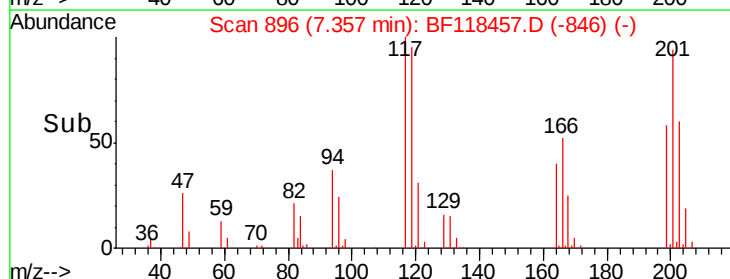
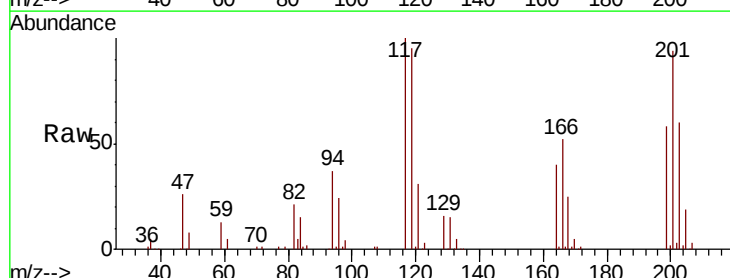
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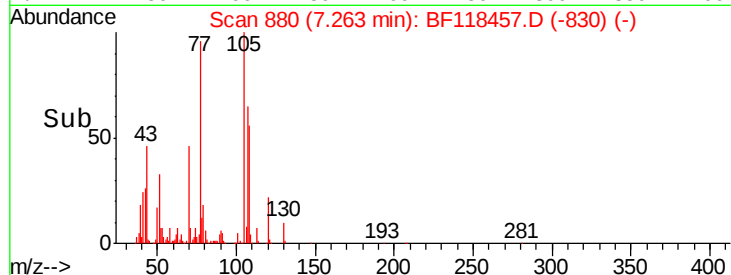
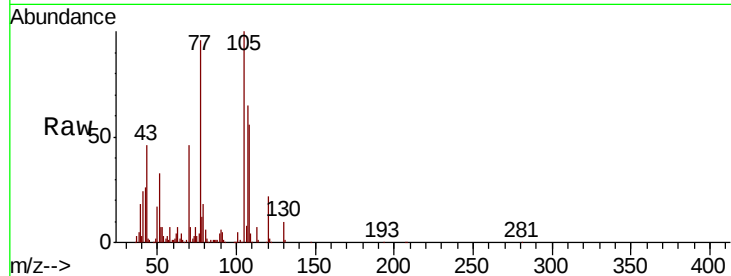
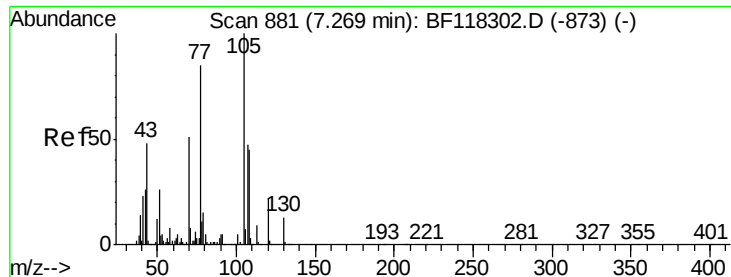
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#18
Hexachloroethane
Concen: 44.239 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.0	117.0
201	93.8	76.2	114.2





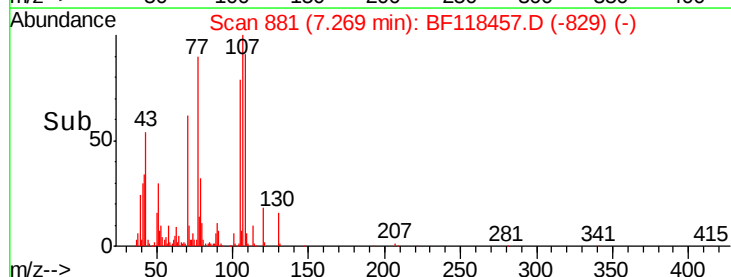
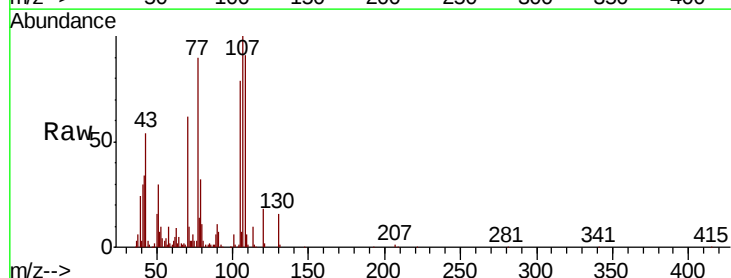
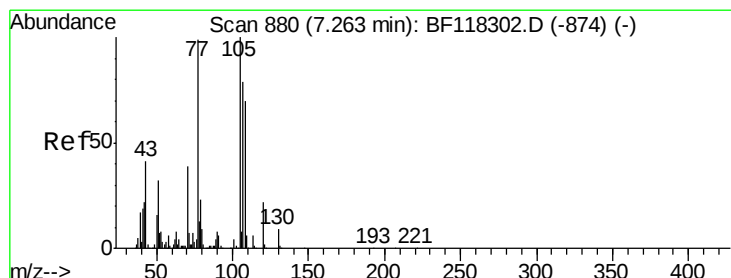
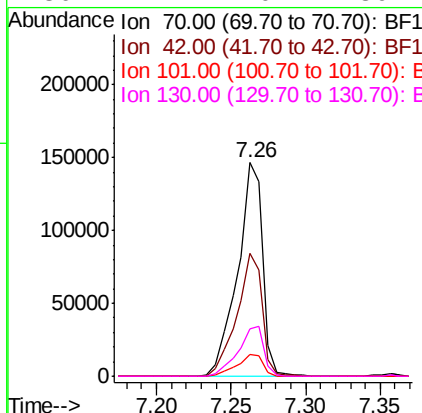
#19
n-Nitroso-di-n-propylamine
Concen: 47.129 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	41.1	61.7	
101	10.1	8.3	12.5	
130	22.2	20.1	30.1	

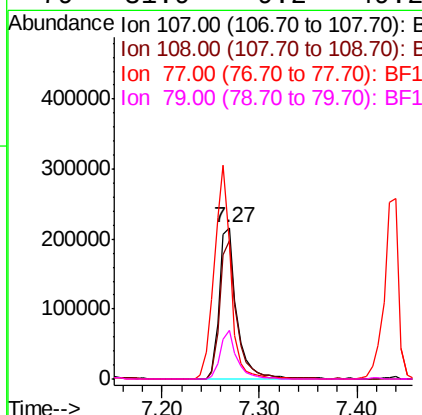
Manual Integrations
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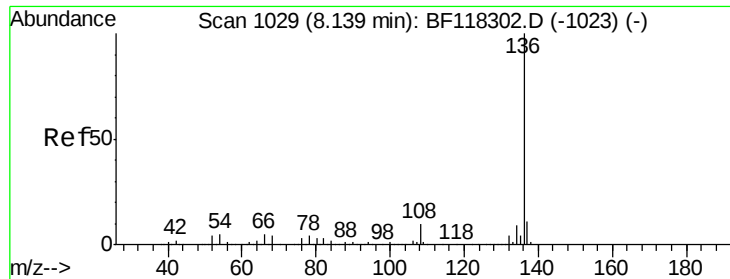
mohammad
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#20
3+4-Methylphenols
Concen: 47.573 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	69.3	109.3	
77	89.6	105.9	145.9	
79	31.9	9.2	49.2	





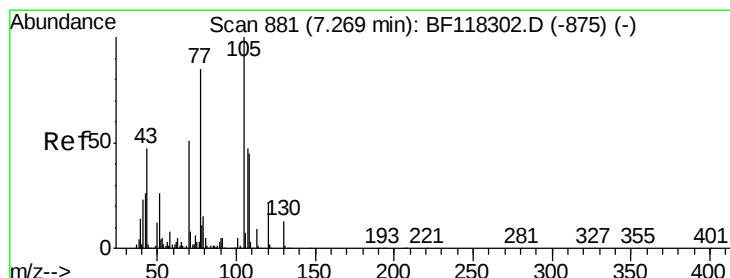
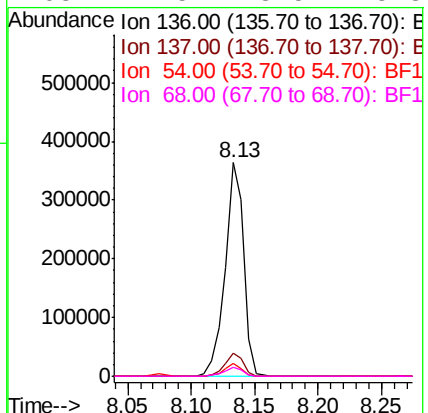
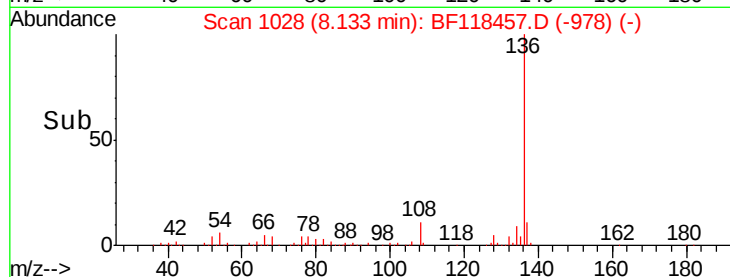
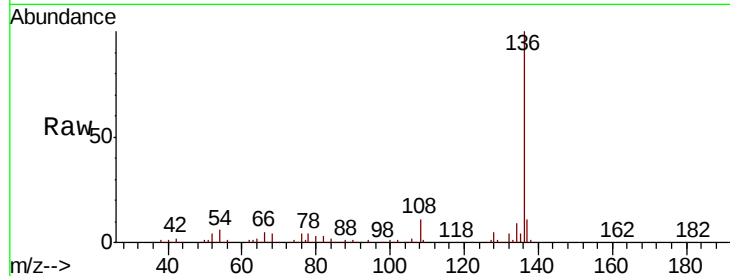
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		365936		
137	10.8		8.9	13.3	
54	5.8		4.2	6.4	
68	4.5		3.5	5.3	

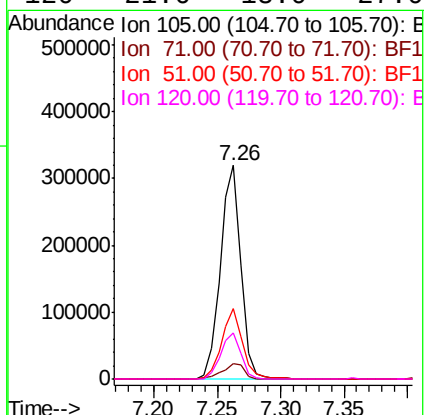
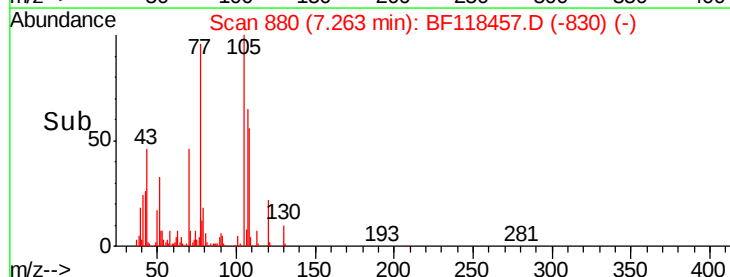
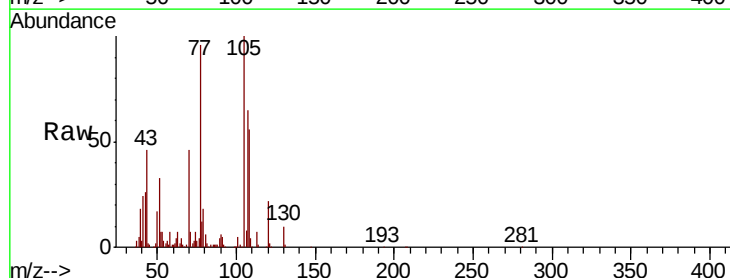
Manual Integrations
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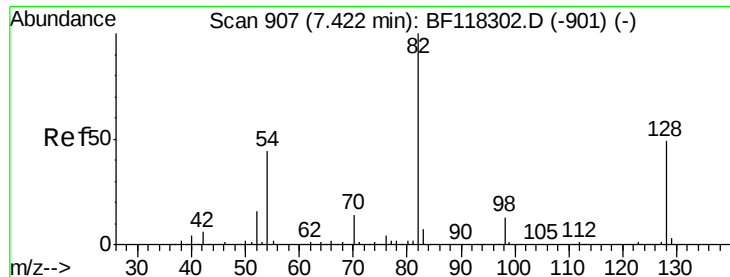
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#22
Acetophenone
Concen: 39.892 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		357782		
71	7.4		6.6	9.8	
51	32.9		20.6	30.8	
120	21.6		18.0	27.0	





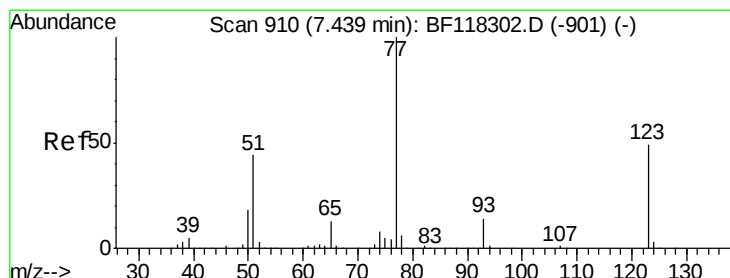
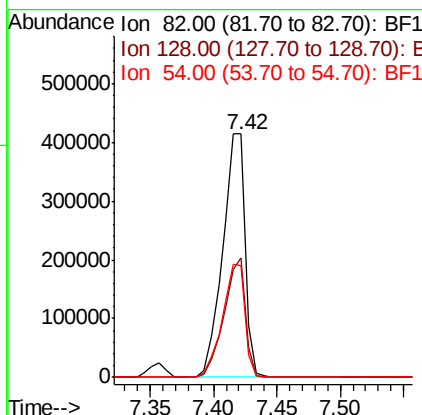
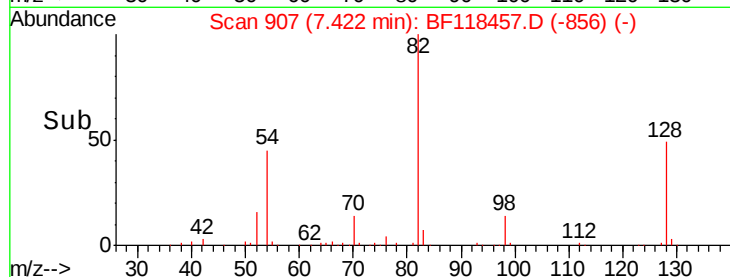
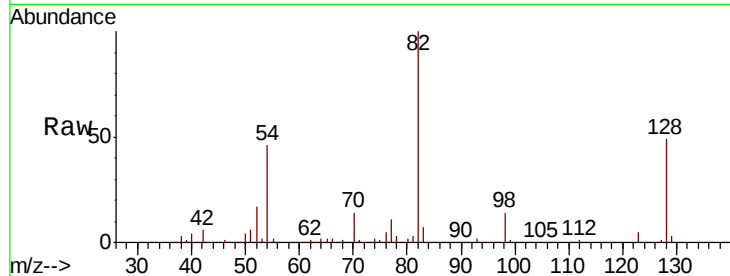
#23
 Nitrobenzene-d5
 Concen: 79.571 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	39.6	59.4
54	45.8	34.9	52.3

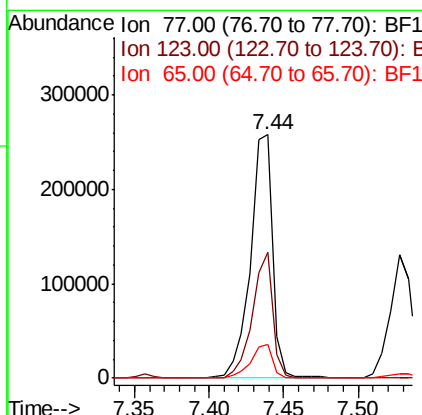
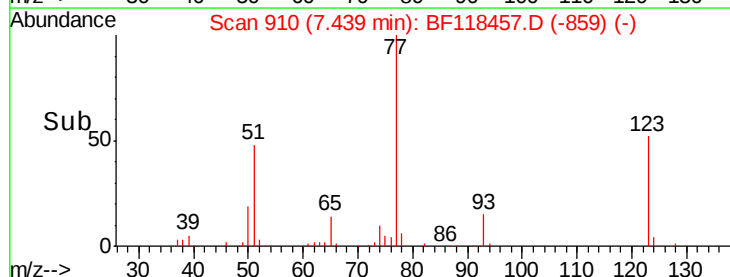
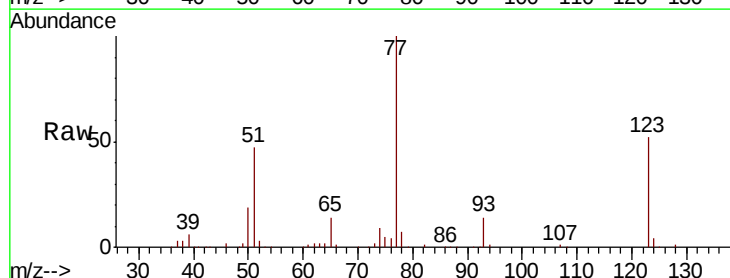
Manual Integrations
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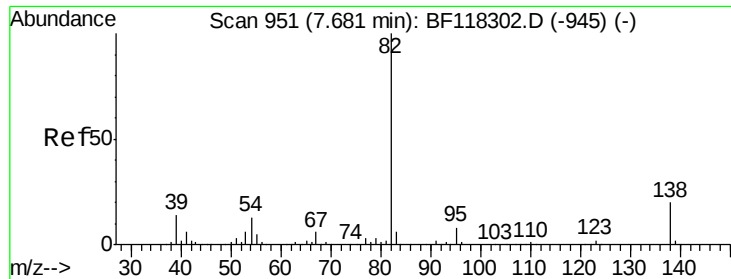
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#24
 Nitrobenzene
 Concen: 40.829 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.8	39.1	58.7
65	13.6	10.6	16.0





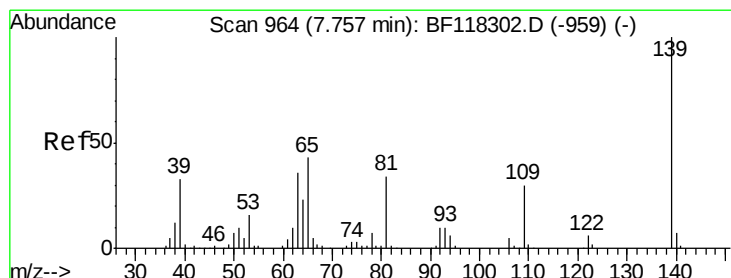
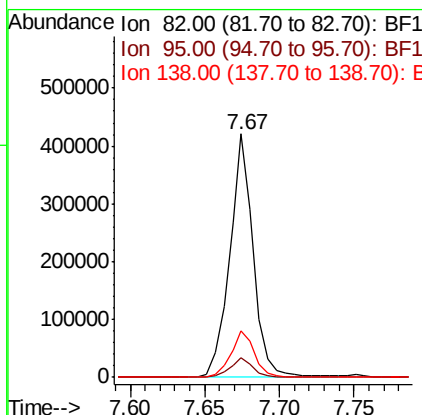
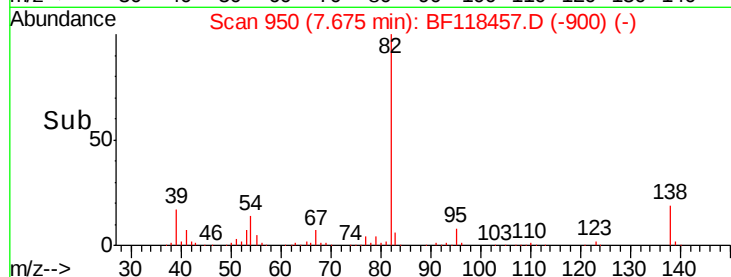
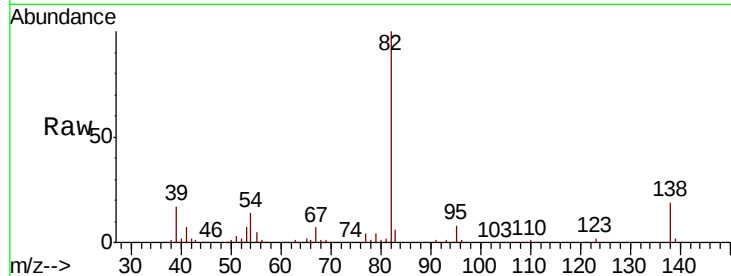
#25
Isophorone
Concen: 41.686 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	464811		
95	8.3	6.3	9.5	
138	19.1	16.2	24.2	

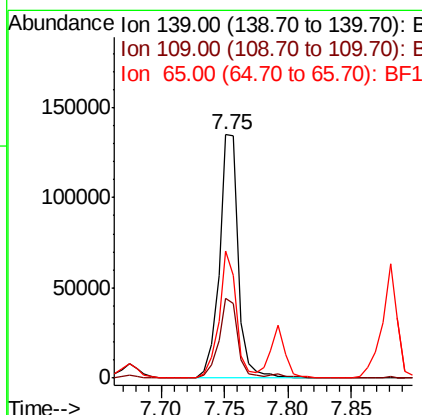
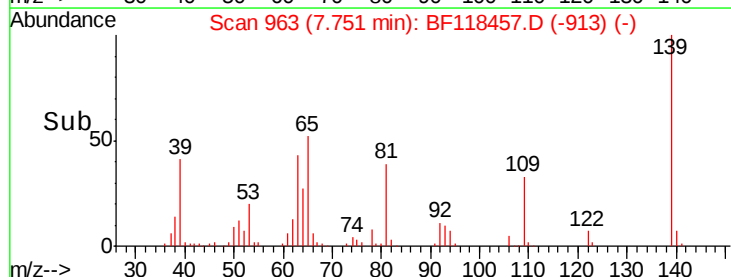
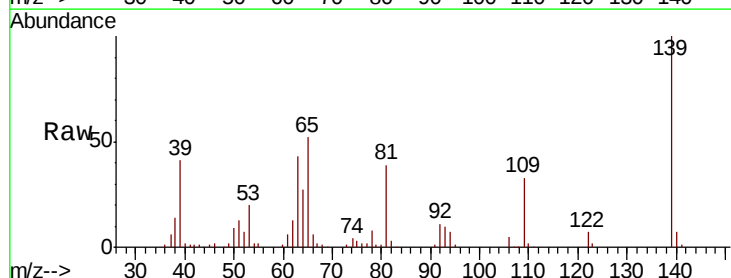
Manual Integrations
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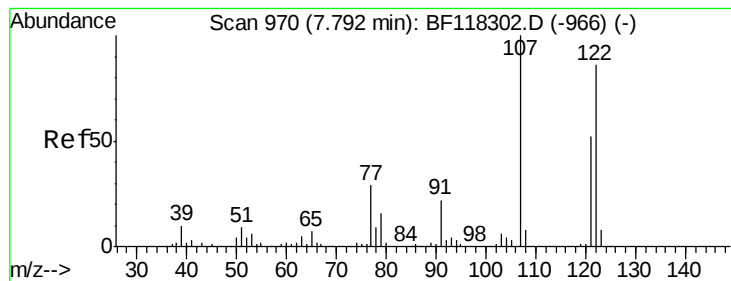
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#26
2-Nitrophenol
Concen: 41.595 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	141203		
109	32.6	24.1	36.1	
65	52.0	34.6	52.0	





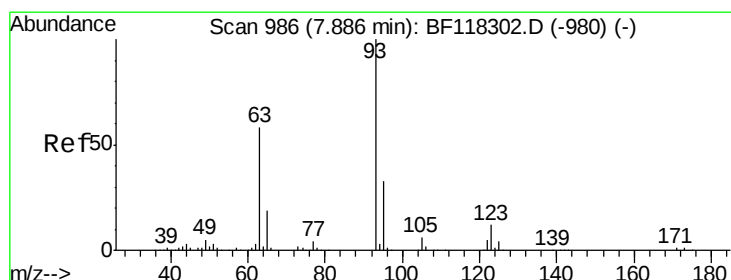
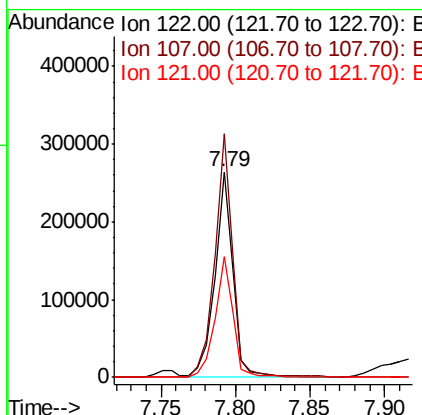
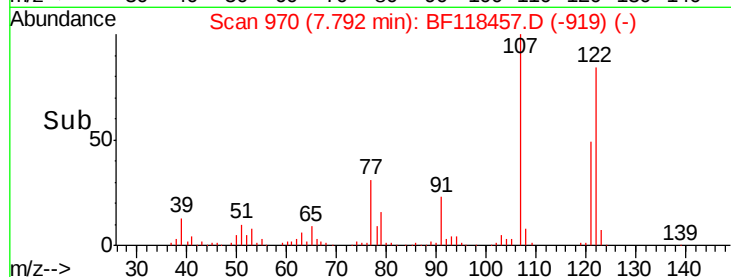
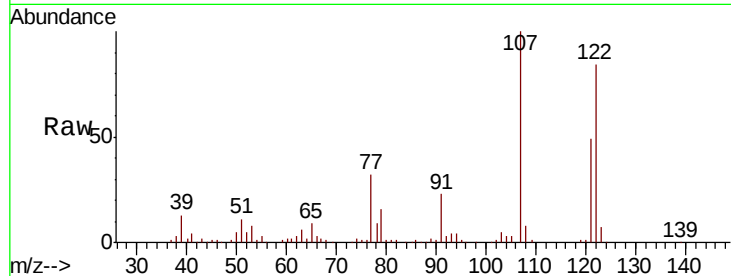
#27
 2,4-Dimethylphenol
 Concen: 47.373 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	92.9	139.3
121	58.5	47.9	71.9

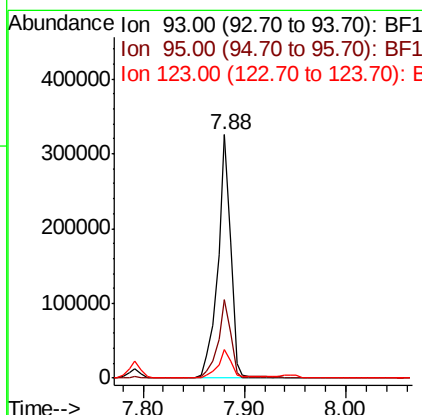
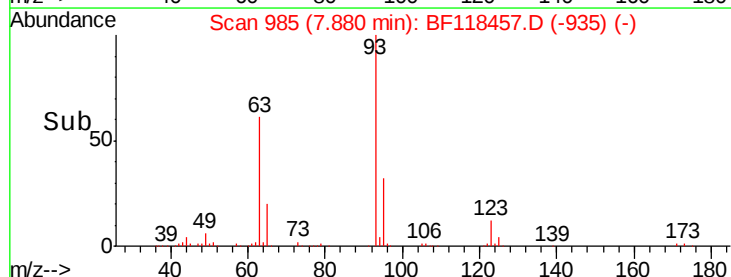
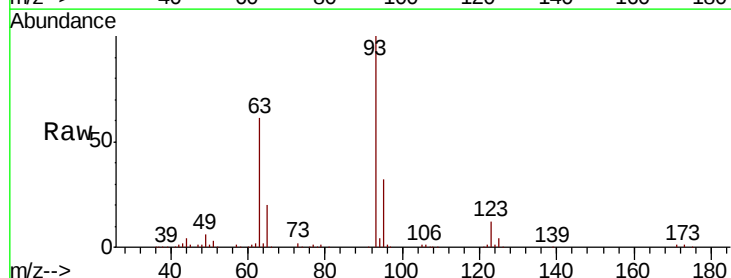
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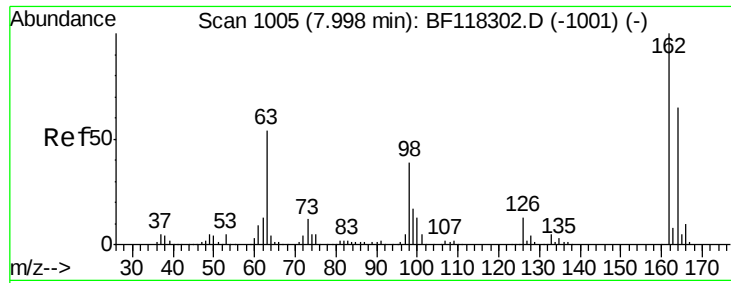
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.364 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.6	9.8	14.8





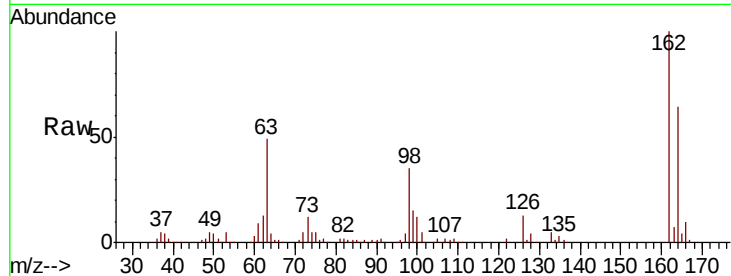
#29
2,4-Dichlorophenol
Concen: 42.342 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampled :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	225730		
164	63.6	45.1	85.1	
98	34.7	18.6	58.6	

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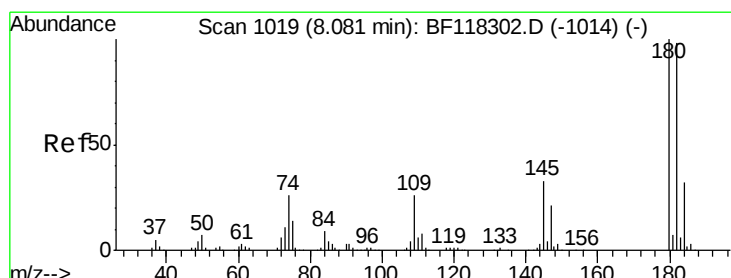
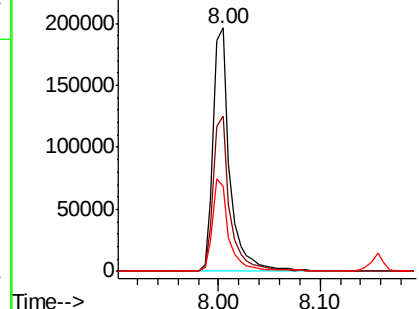
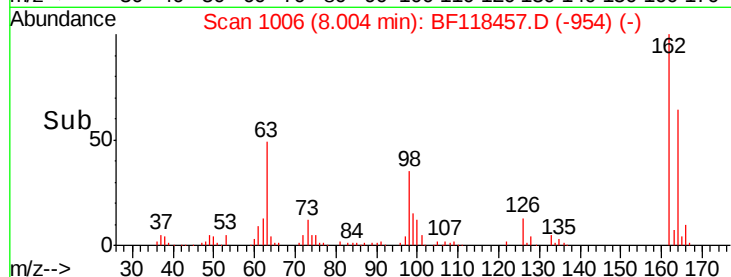


Abundance

Ion 162.00 (161.70 to 162.70): E

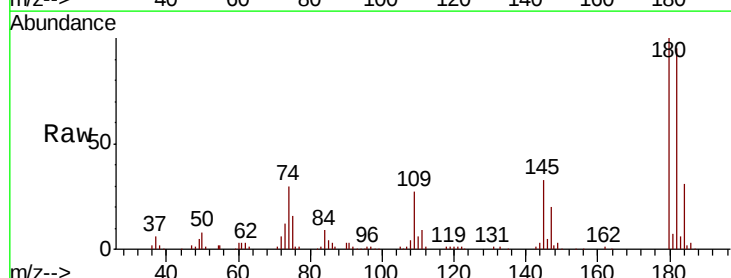
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.470 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257531		
182	95.0	78.3	117.5	
145	33.3	26.7	40.1	

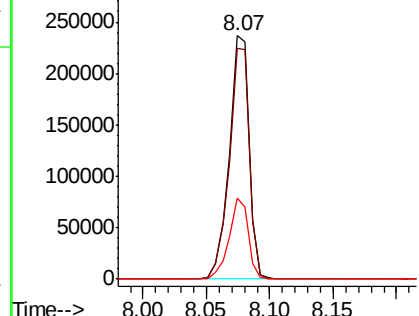
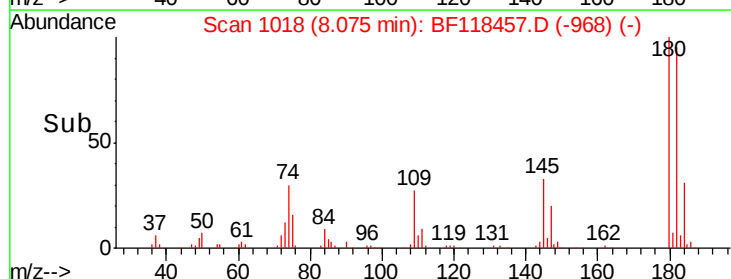


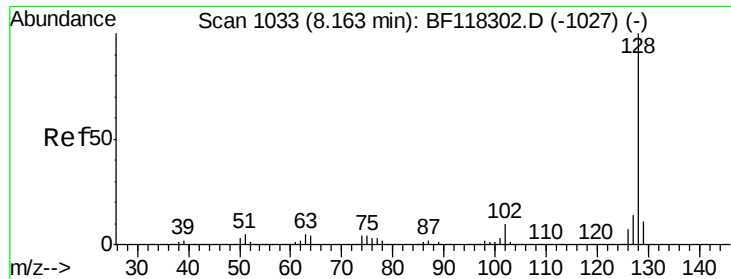
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





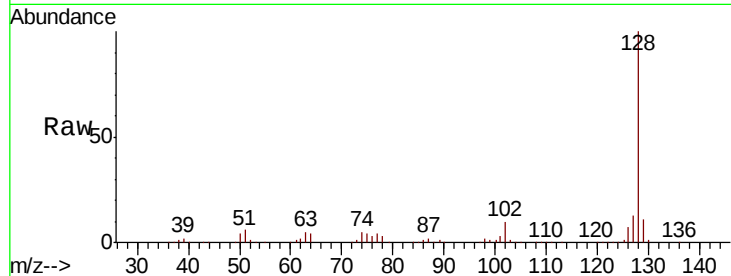
#31
Naphthalene
Concen: 44.023 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.5	11.0	16.4

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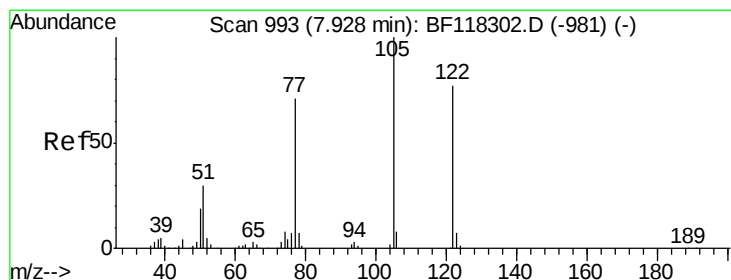
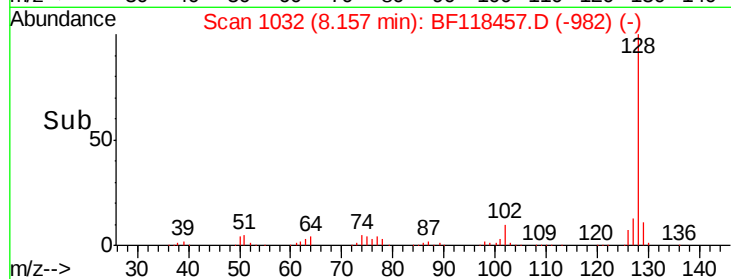
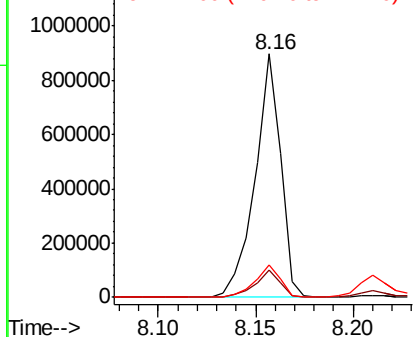


Abundance

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: 34.921 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

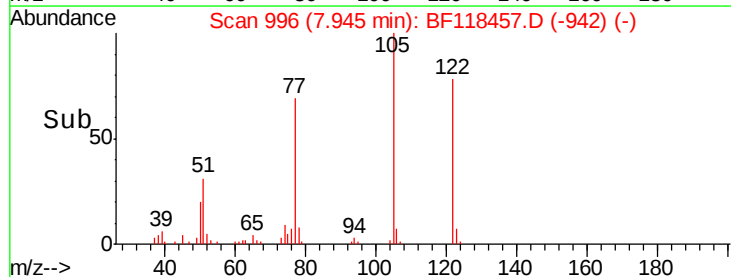
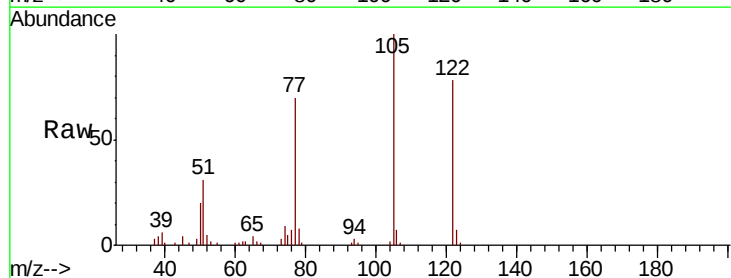
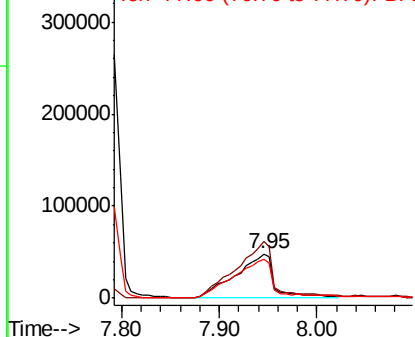
Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	106.8	146.8
77	89.3	70.4	110.4

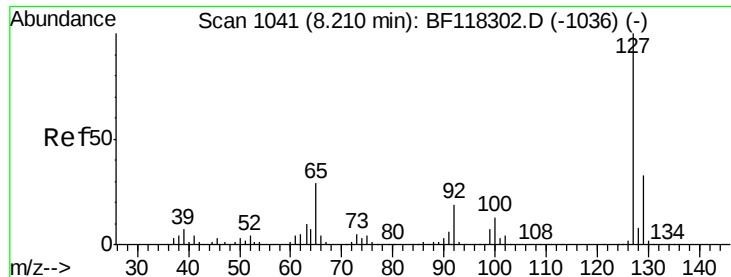
Abundance

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





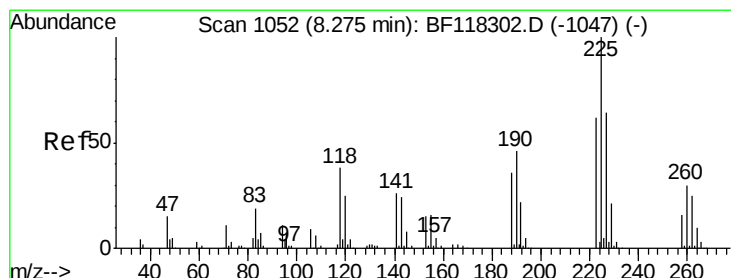
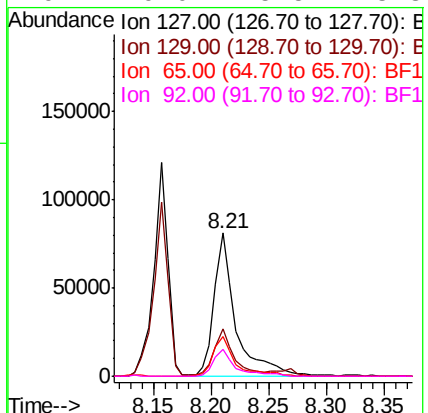
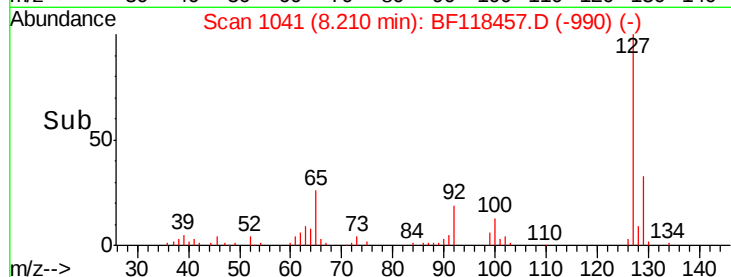
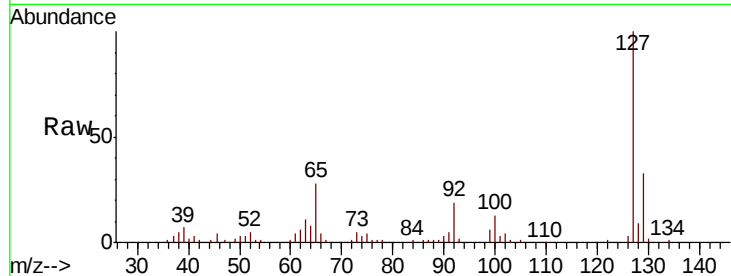
#33
4-Chloroaniline
Concen: 13.206 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.5	39.7	
65	28.0	22.8	34.2	
92	19.0	15.5	23.3	

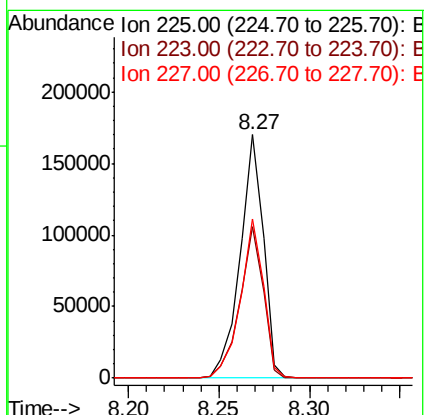
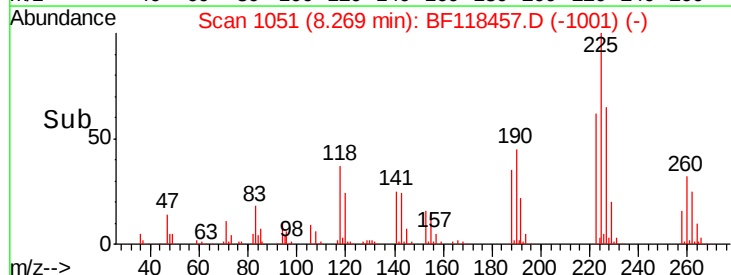
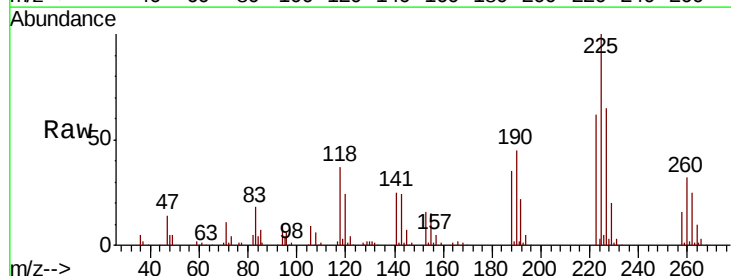
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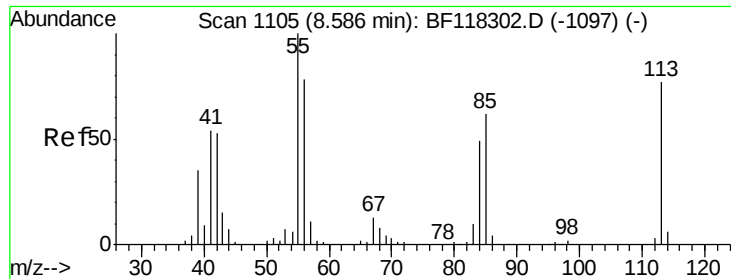
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#34
Hexachlorobutadiene
Concen: 40.989 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	49.5	74.3	
227	65.2	51.0	76.4	





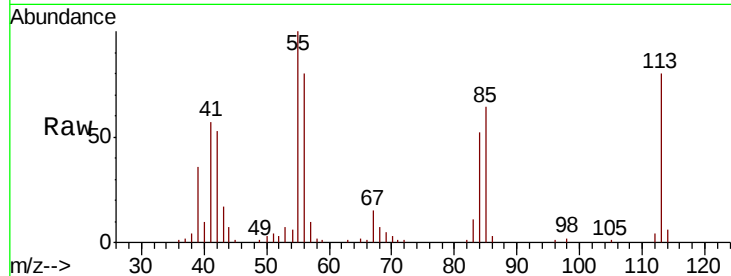
#35
Caprolactam
Concen: 45.842 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	125.5	109.8	149.8	
56	100.1	81.7	121.7	

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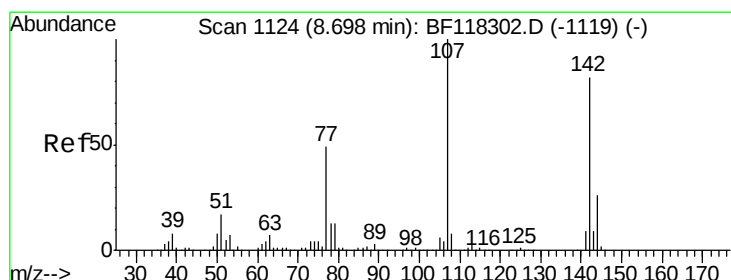
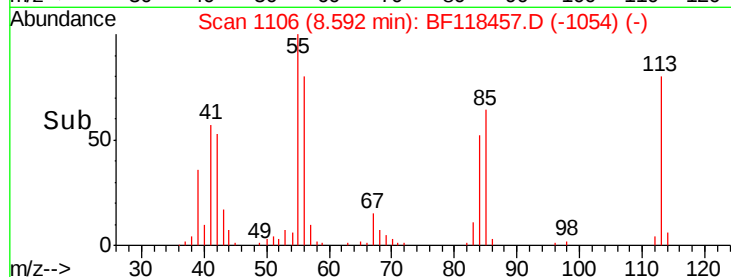
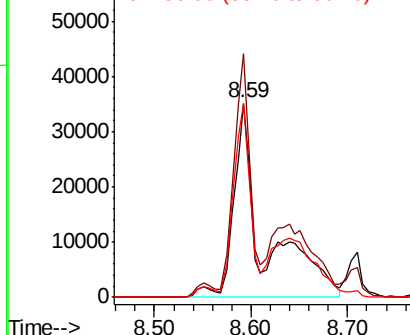


Abundance

Ion 113.00 (112.70 to 113.70): E

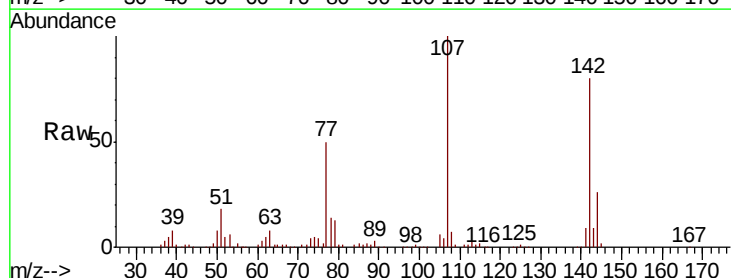
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 44.210 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.2	21.2	31.8	
142	80.4	65.4	98.2	

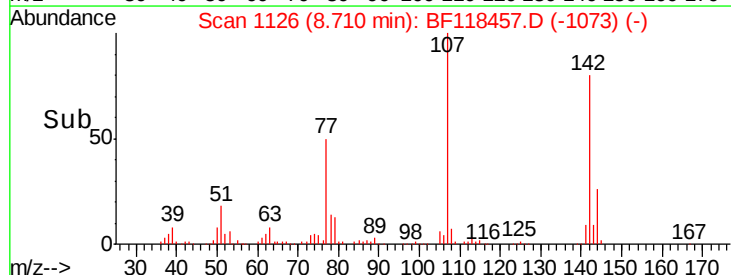
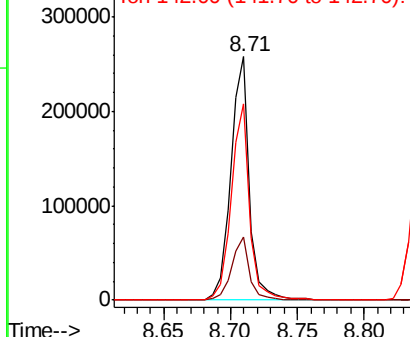


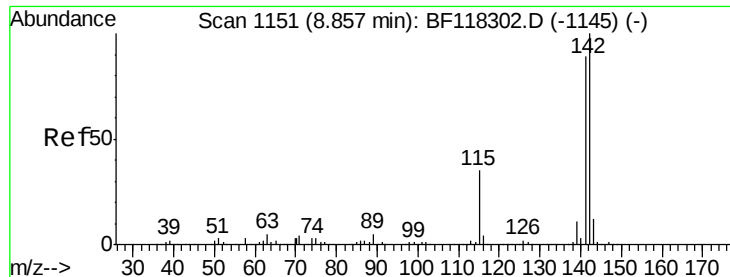
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





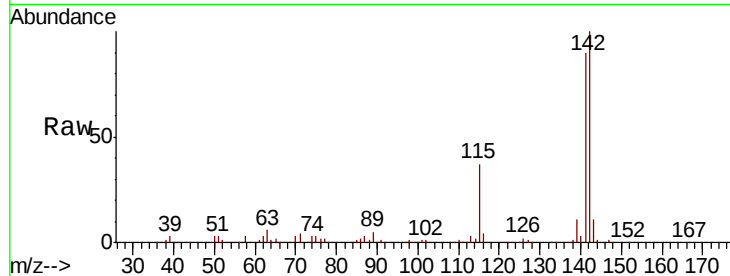
#37
 2-Methylnaphthalene
 Concen: 46.679 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

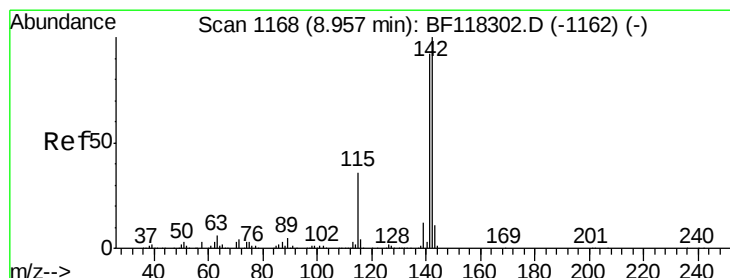
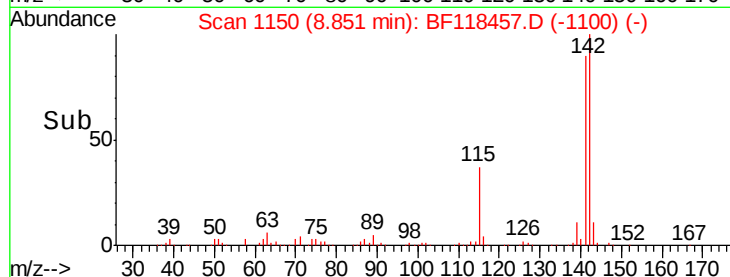
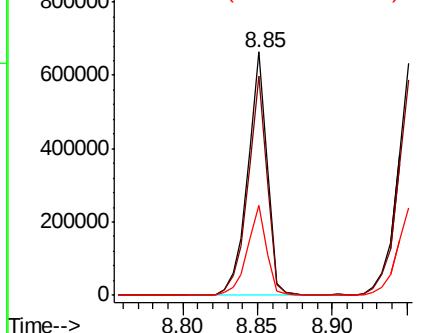
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.2	106.8
115	36.8	28.0	42.0

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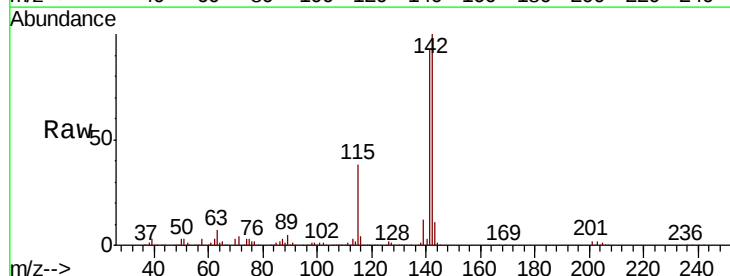


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

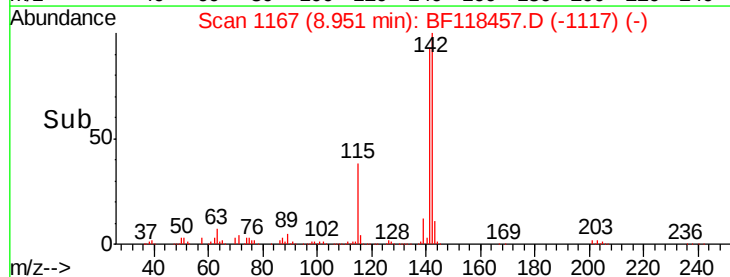
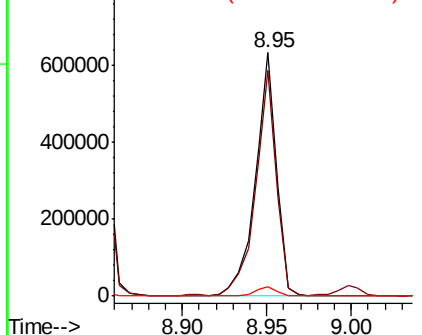


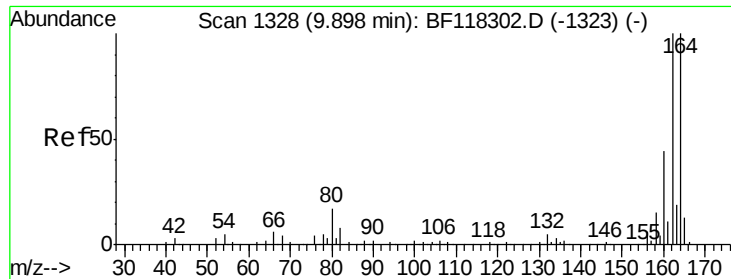
#38
 1-Methylnaphthalene
 Concen: 45.735 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.4	110.2
116	4.0	2.9	4.3



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





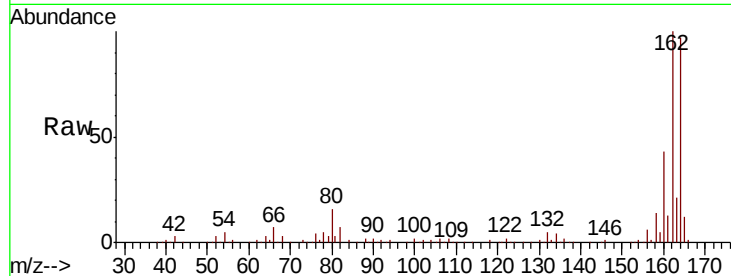
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.0	120.0
160	44.3	34.8	52.2

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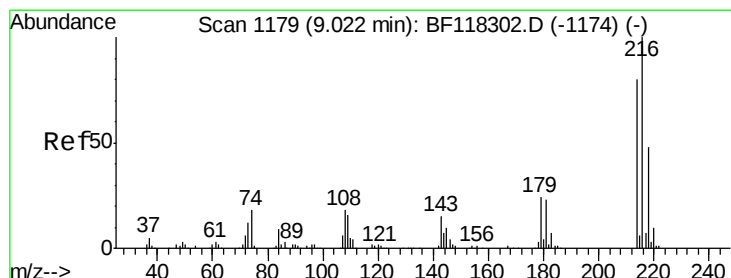
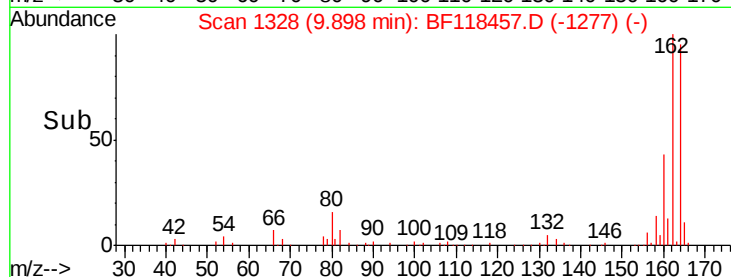
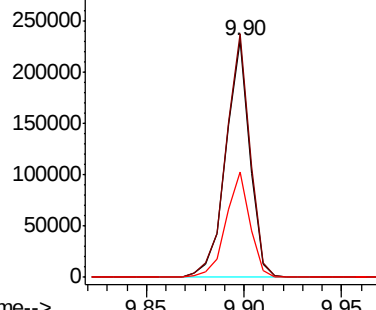


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.374 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.3	94.9
179	23.3	18.9	28.3
108	20.7	15.0	22.6

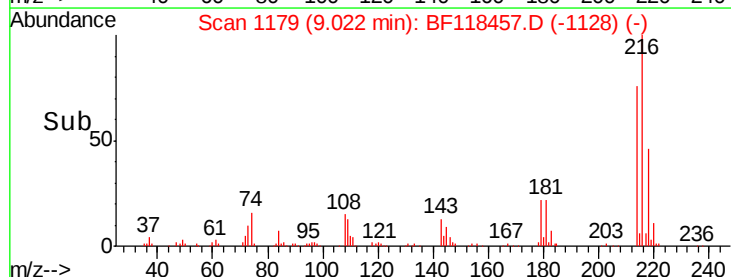
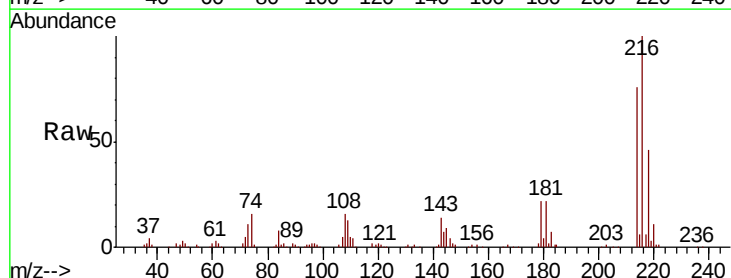
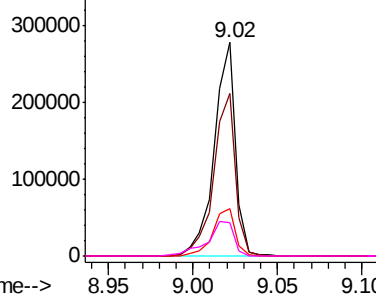
Abundance

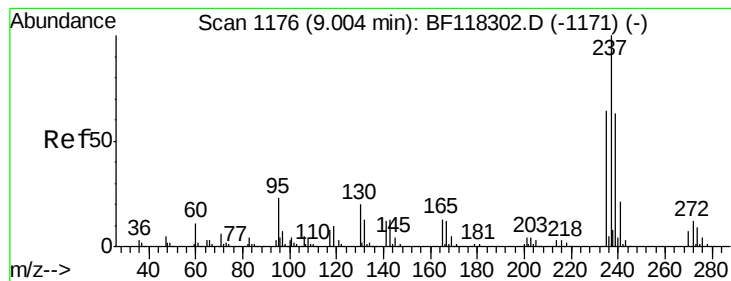
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.270 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

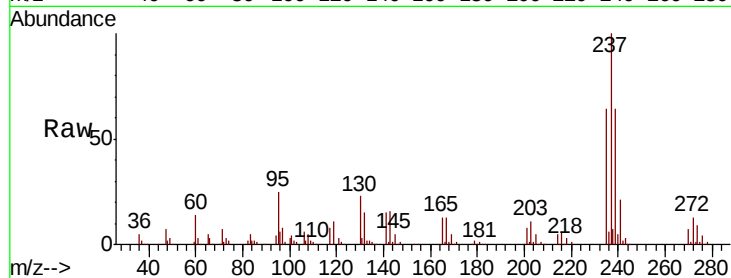
ClientSampleId :

PB125821BS

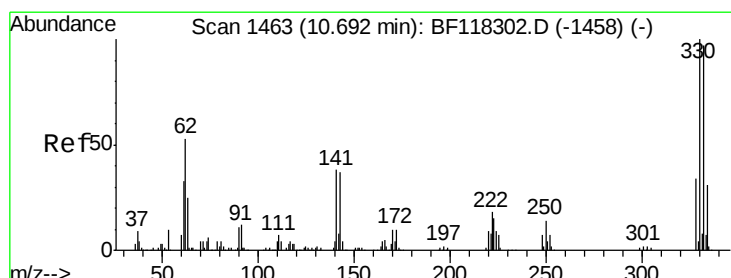
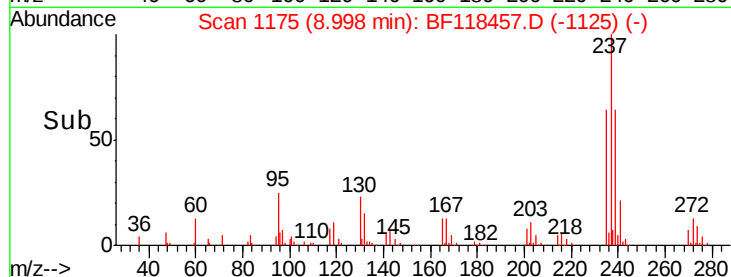
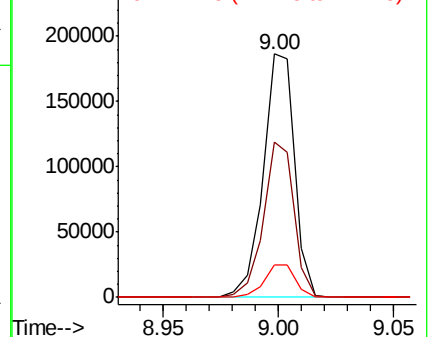
Tot Ion:	237	Resp:	176906
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.8	83.8
272	13.2	0.0	31.7

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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: 123.355 ng

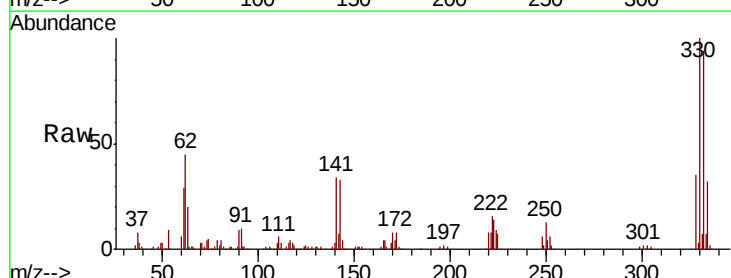
RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

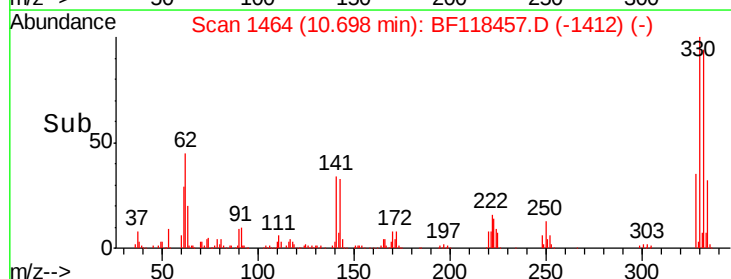
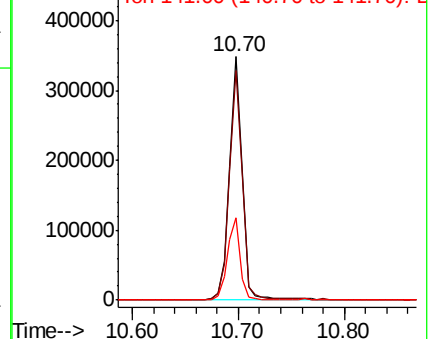
Lab File: BF118457.D

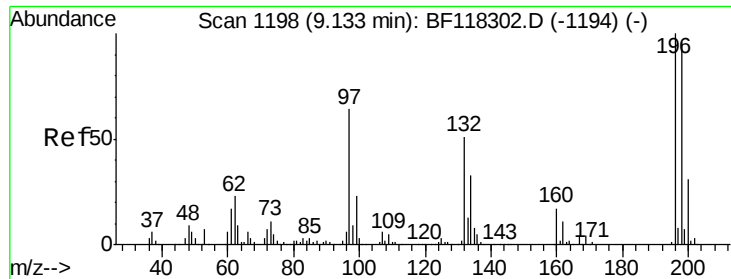
Acq: 3 Jan 2020 13:13

Tgt Ion:	330	Resp:	298790
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	114.8
141	34.4	26.0	39.0



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





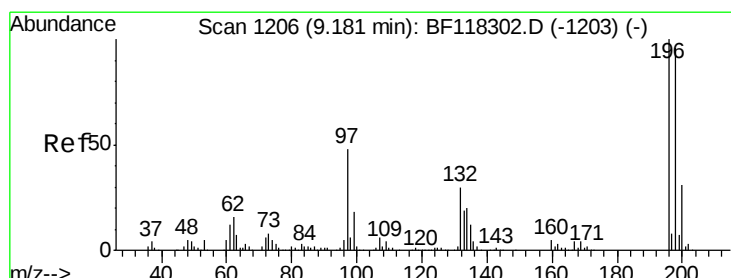
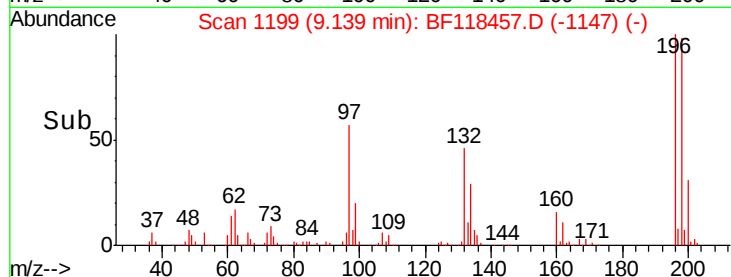
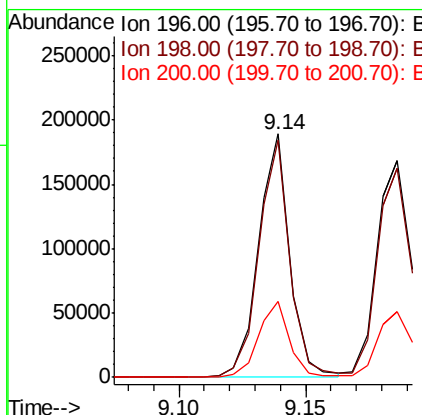
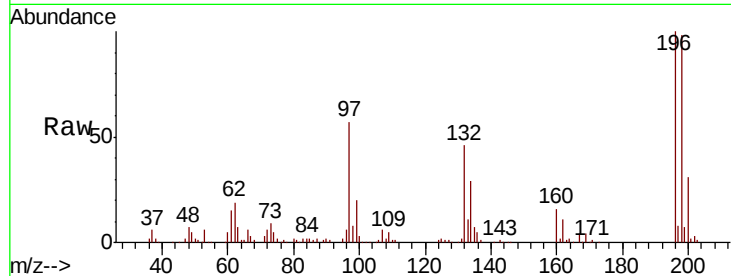
#43
 2,4,6-Trichlorophenol
 Concen: 41.097 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampled :
 PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161803		
198	97.6	76.7	115.1	
200	31.0	24.8	37.2	

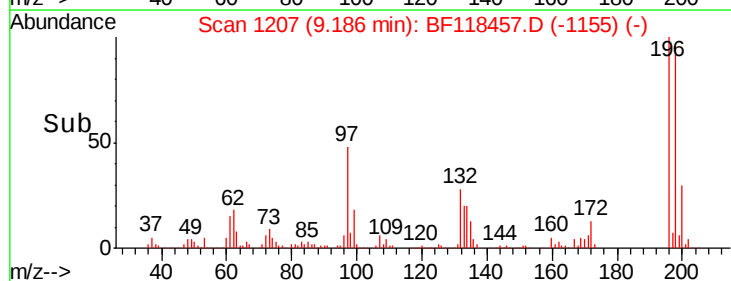
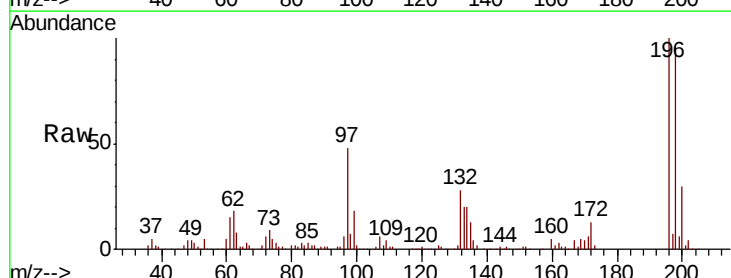
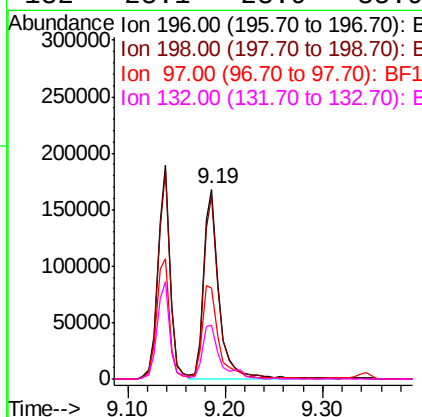
Manual Integrations
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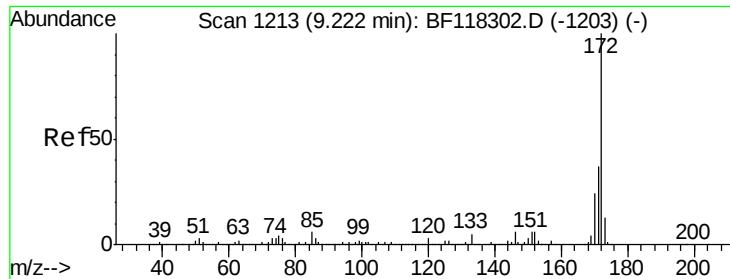
mohammad
 1/6/2020 11:43:51 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.276 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183370		
198	96.3	77.0	115.4	
97	47.7	38.9	58.3	
132	28.1	23.9	35.9	





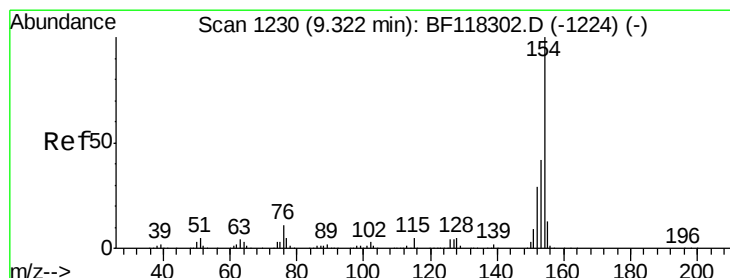
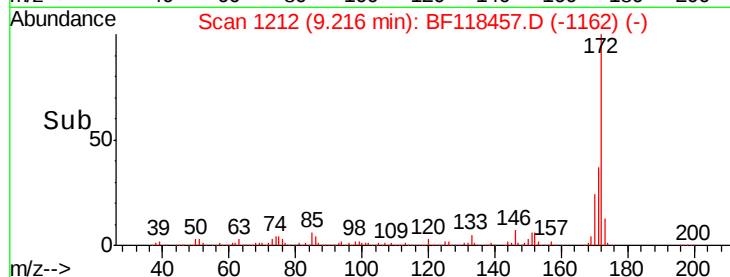
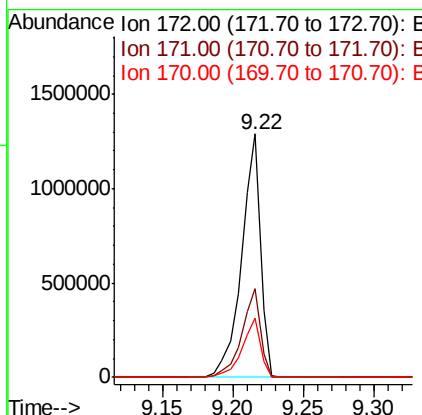
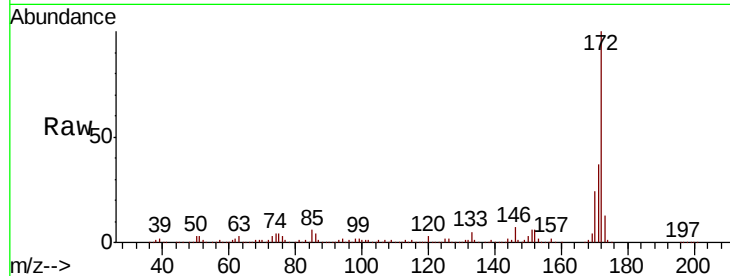
#45
2-Fluorobiphenyl
Concen: 93.294 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.2	19.2	28.8

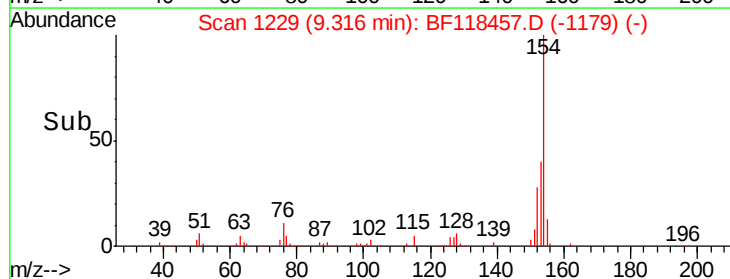
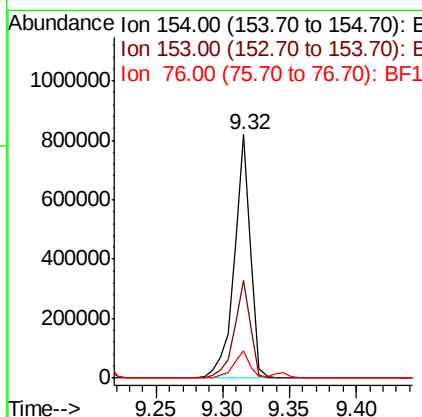
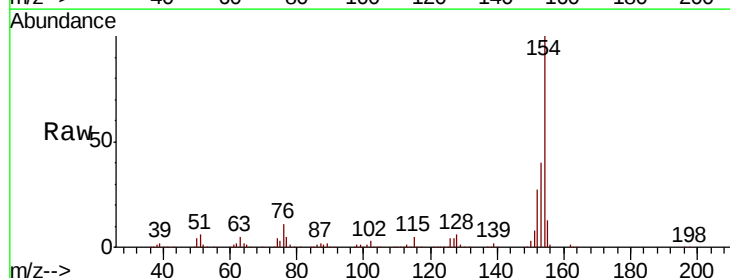
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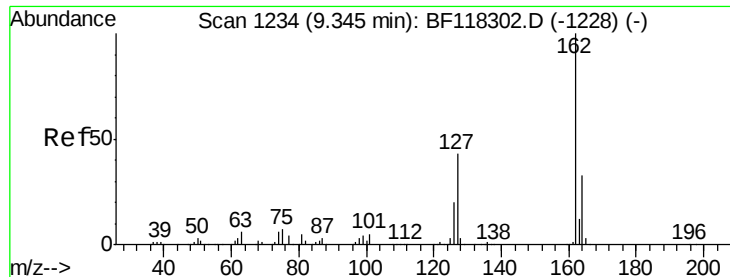
mohammad
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#46
1,1'-Biphenyl
Concen: 44.924 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.8	61.8
76	11.4	0.0	30.9





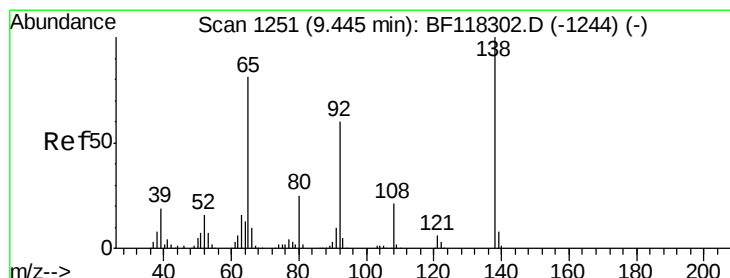
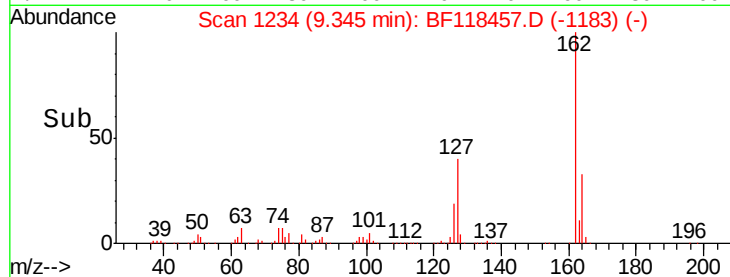
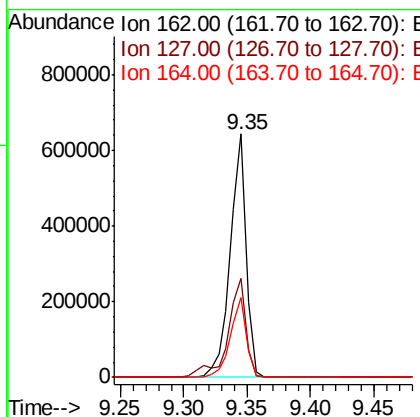
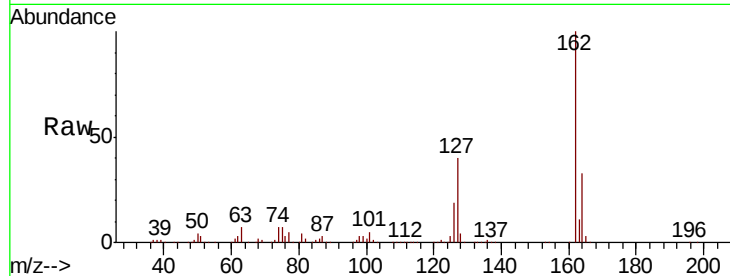
#47
 2-Chloronaphthalene
 Concen: 44.477 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	555331		
127	40.4		35.0	52.4
164	33.0		26.6	40.0

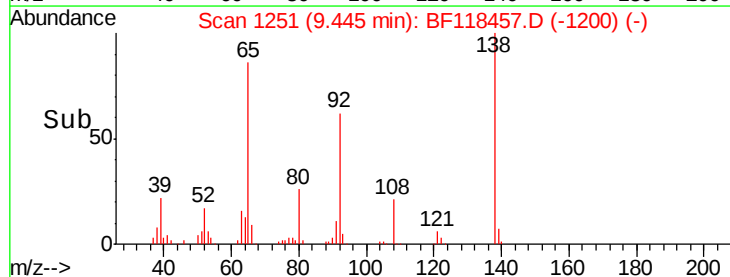
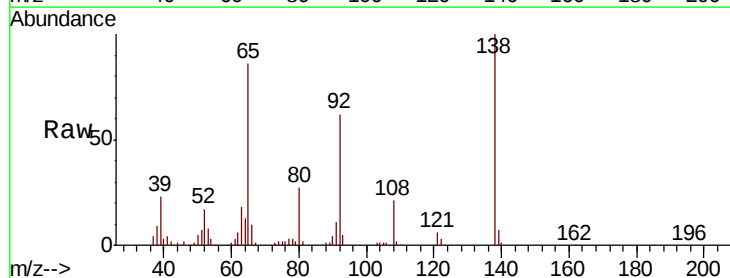
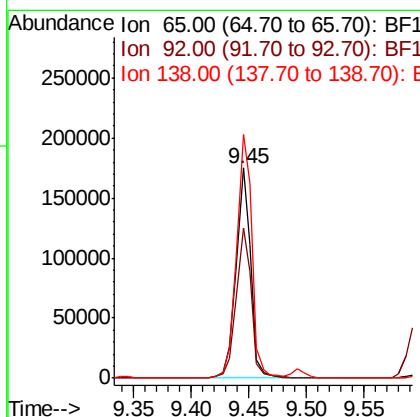
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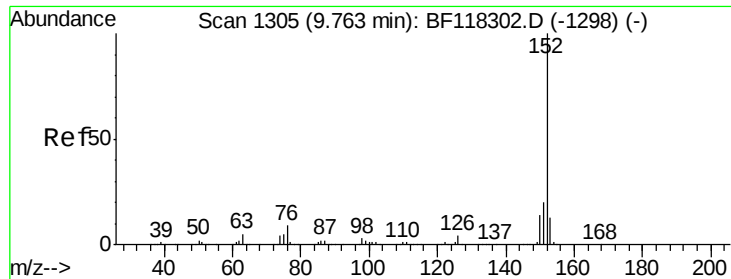
mohammad
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#48
 2-Nitroaniline
 Concen: 43.629 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	153867		
92	71.4		58.7	88.1
138	116.0		98.5	147.7





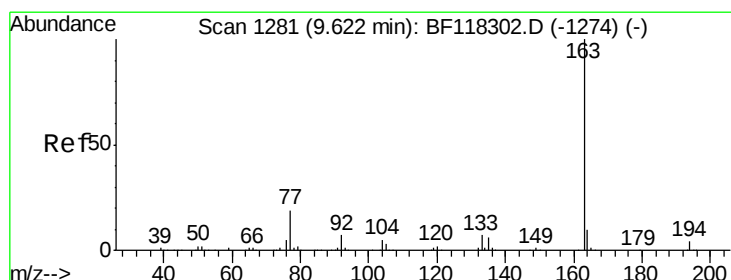
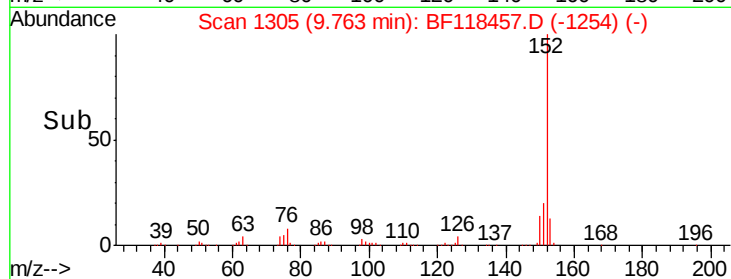
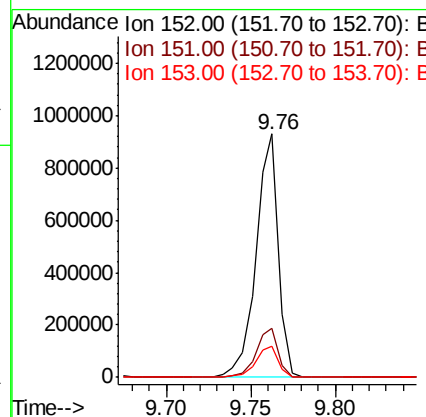
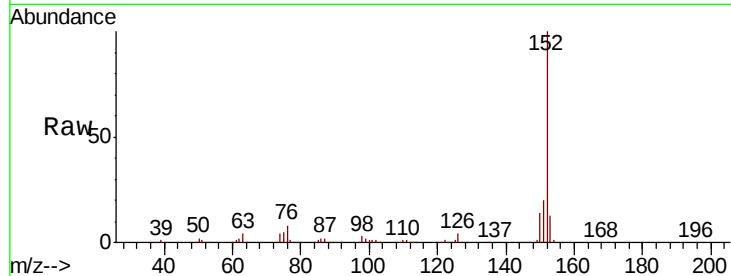
#49
Acenaphthylene
Concen: 46.345 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		858217		
151	20.2	16.2	24.2		
153	12.8	10.5	15.7		

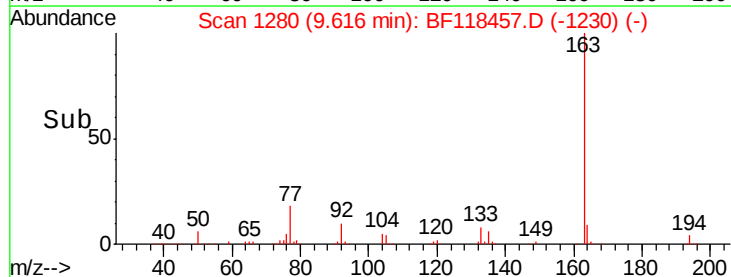
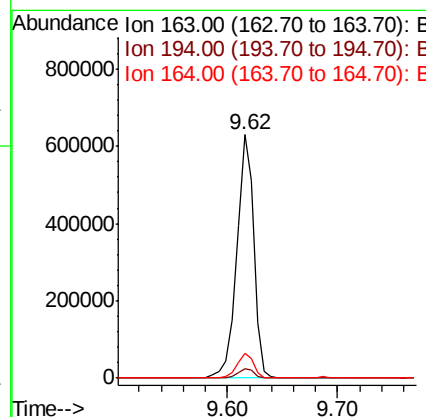
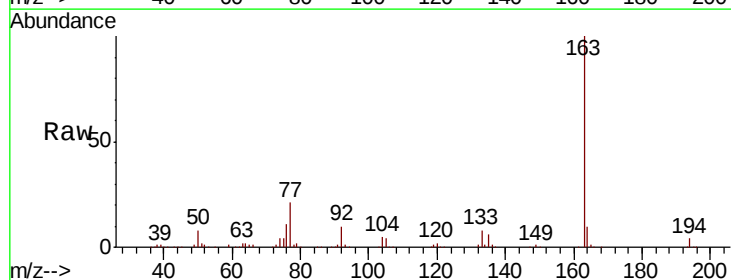
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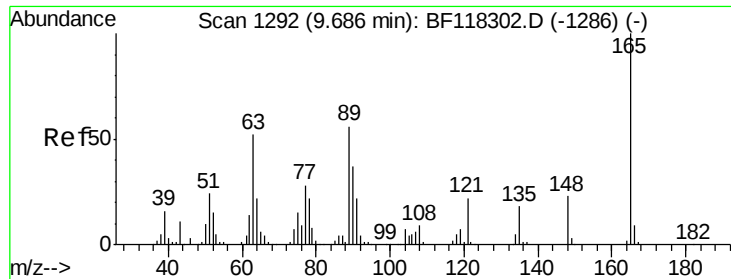
mohammad
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#50
Dimethylphthalate
Concen: 46.249 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		680932		
194	3.8	3.2	4.8		
164	10.3	7.9	11.9		





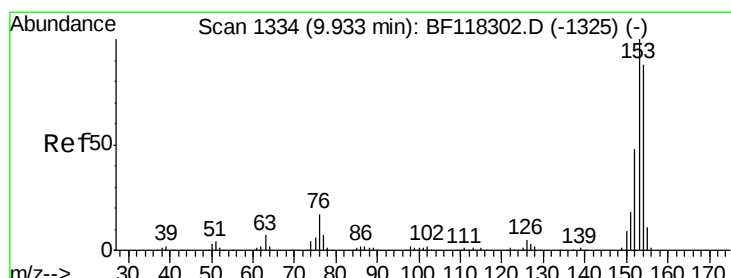
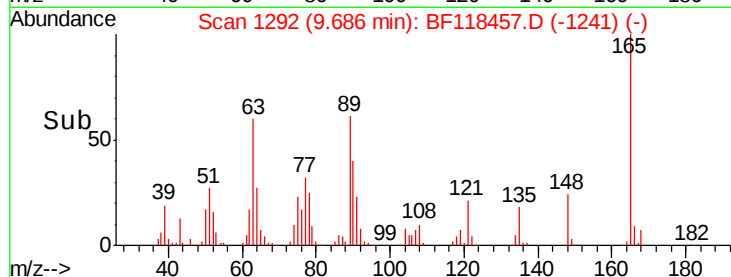
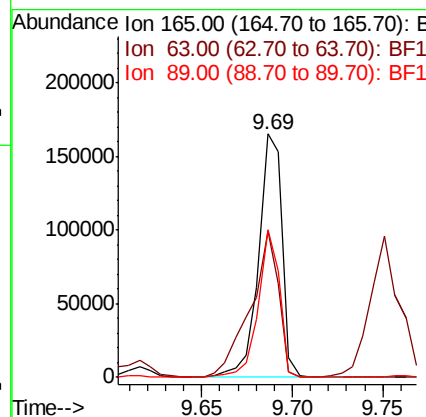
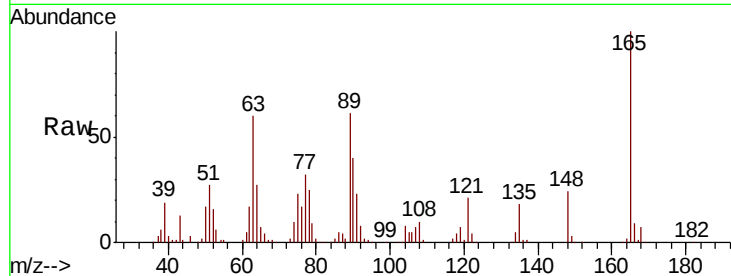
#51
2,6-Dinitrotoluene
Concen: 46.887 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.1	42.2	63.4	
89	60.6	44.4	66.6	

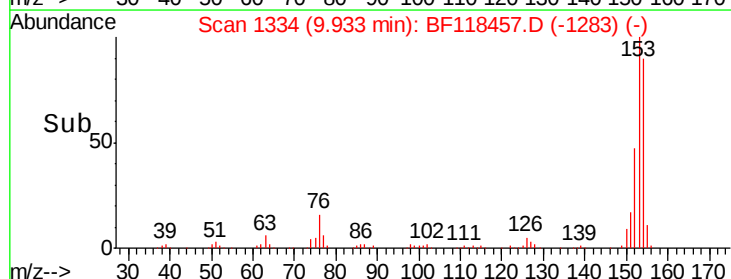
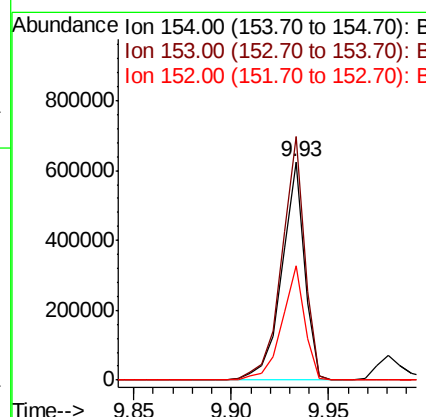
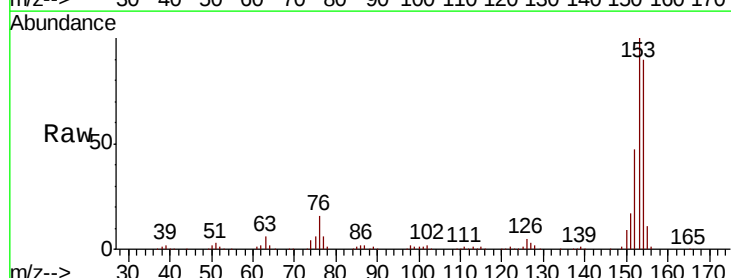
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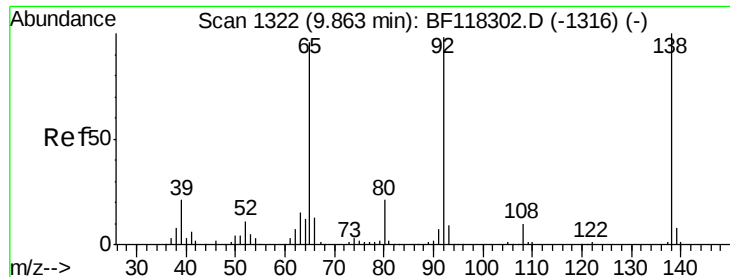
mohammad
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#52
Acenaphthene
Concen: 44.751 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.6	90.6	136.0	
152	52.4	43.1	64.7	





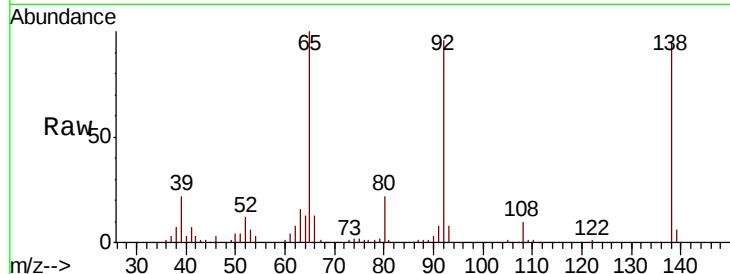
#53
3-Nitroaniline
Concen: 21.032 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	100.1	78.2	117.2

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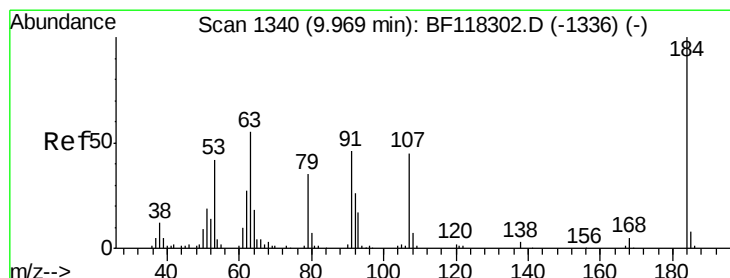
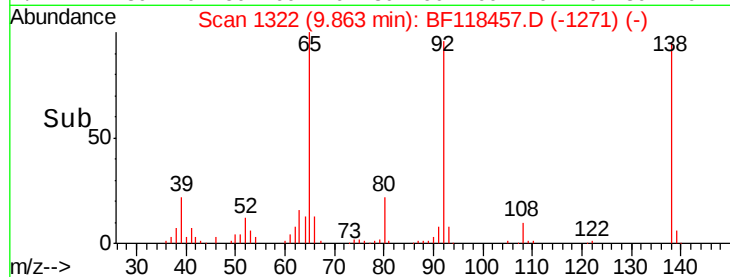
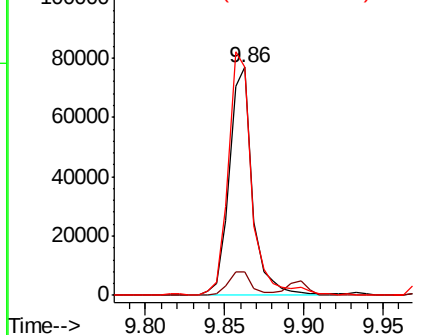


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 68.519 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

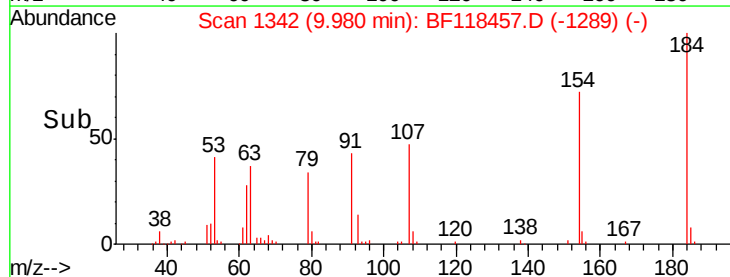
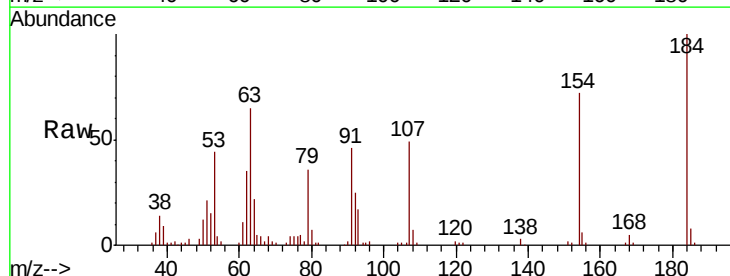
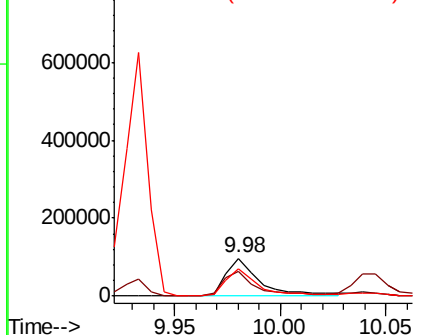
Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.2	48.8	73.2
154	72.5	55.0	82.4

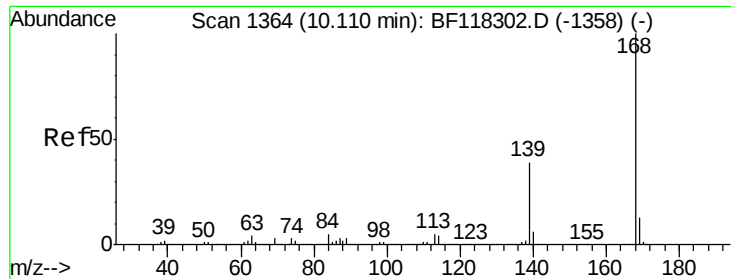
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





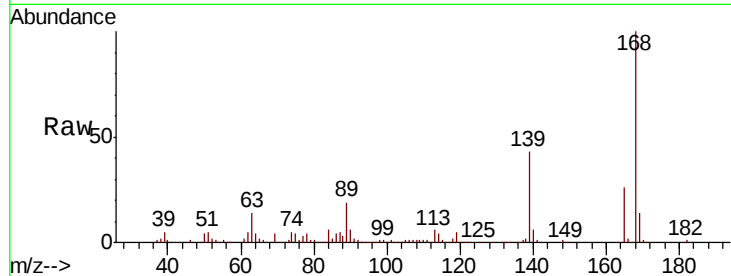
#55
Dibenzofuran
Concen: 45.772 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.1	31.5	47.3
169	14.2	10.4	15.6

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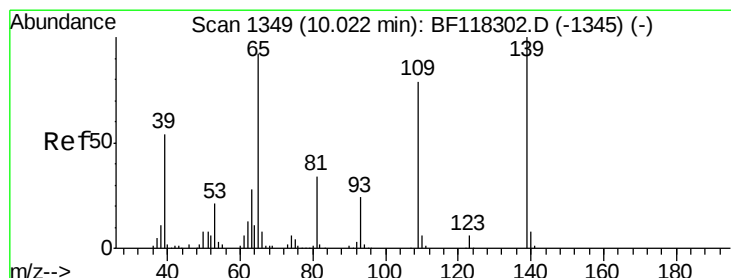
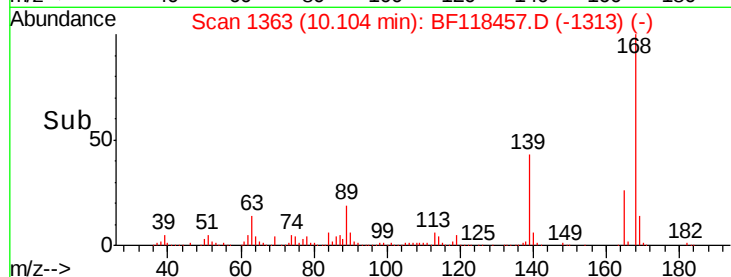
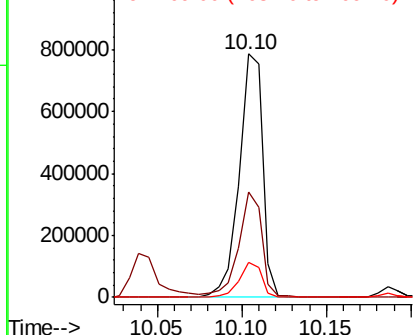


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 69.107 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

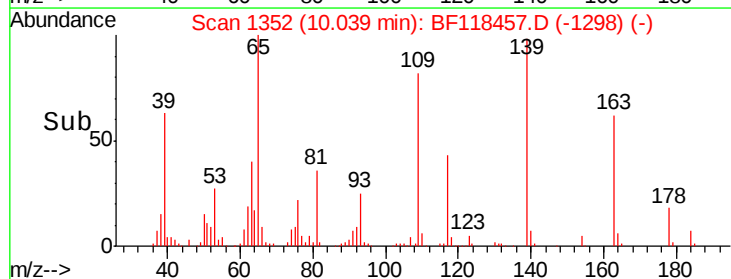
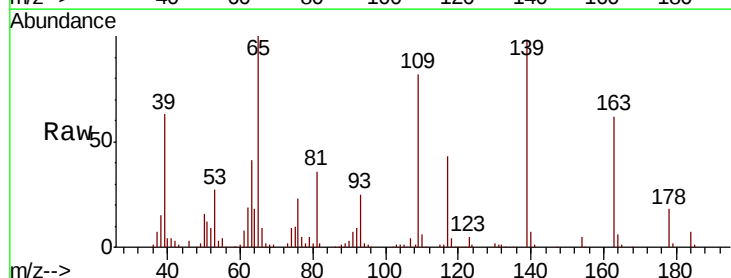
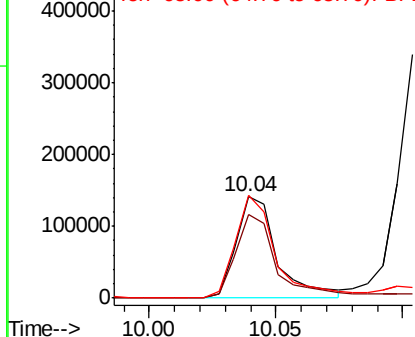
Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.0	59.3	99.3
65	101.6	72.4	112.4

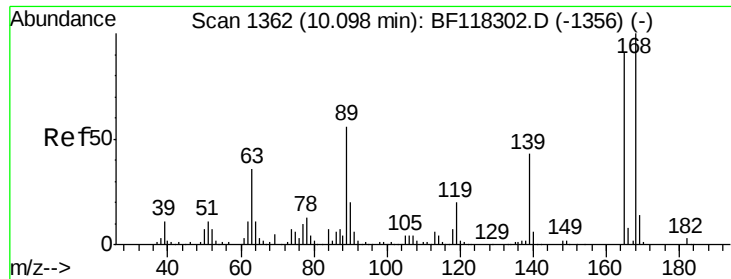
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





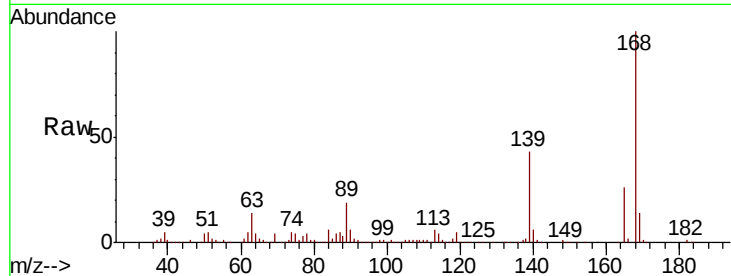
#57
 2,4-Dinitrotoluene
 Concen: 45.823 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.2	32.0	48.0#
89	72.5	49.3	73.9
182	2.8	2.4	3.6

Manual Integrations
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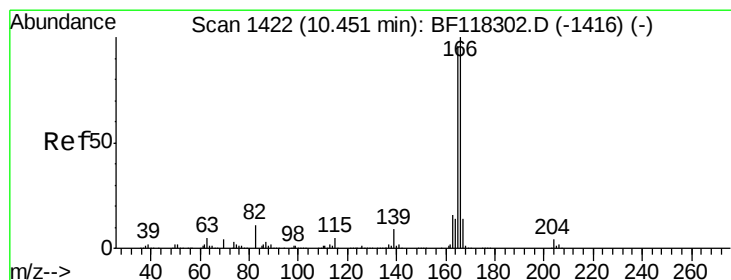
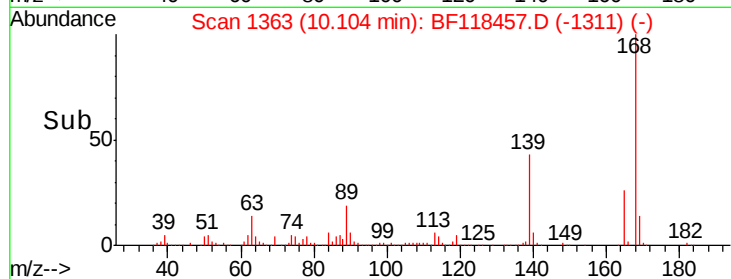
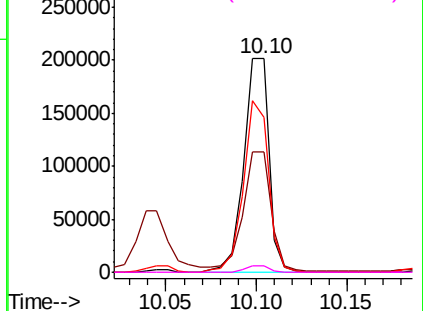
Abundance

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: 44.031 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

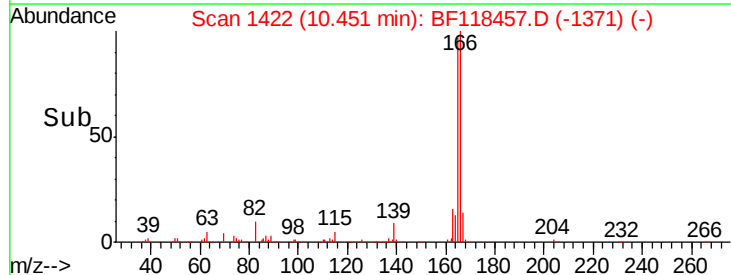
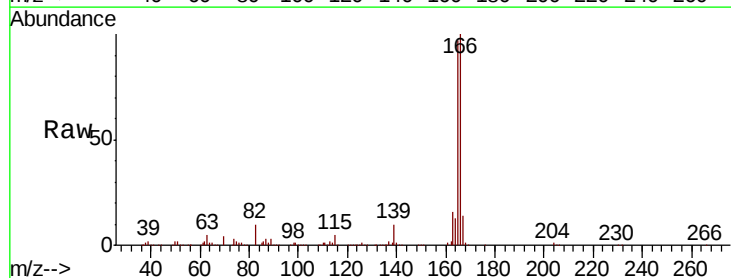
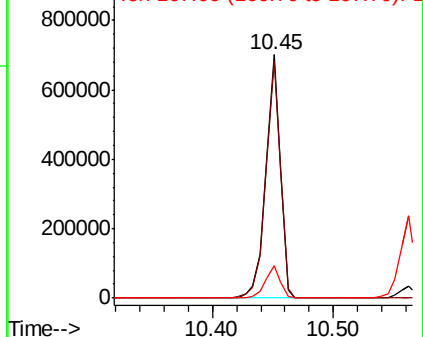
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.3	77.0	115.4
167	13.6	10.9	16.3

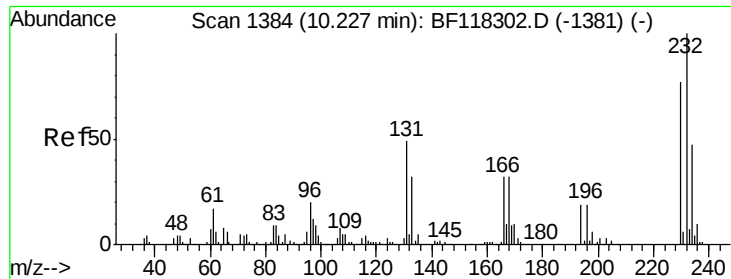
Abundance

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





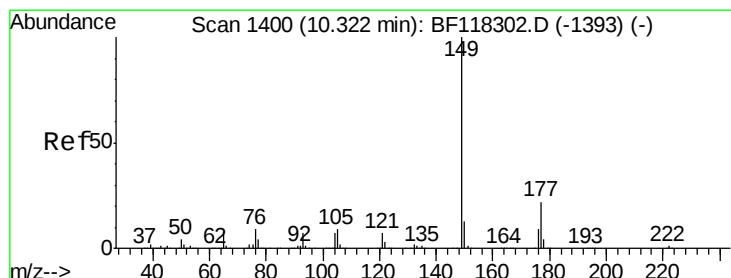
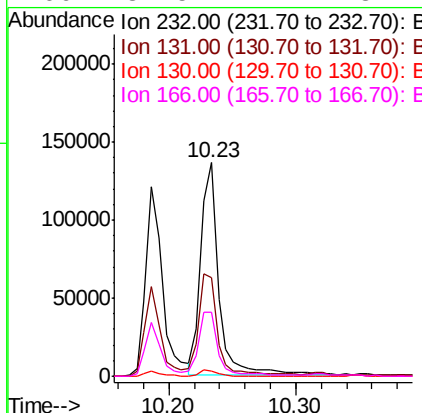
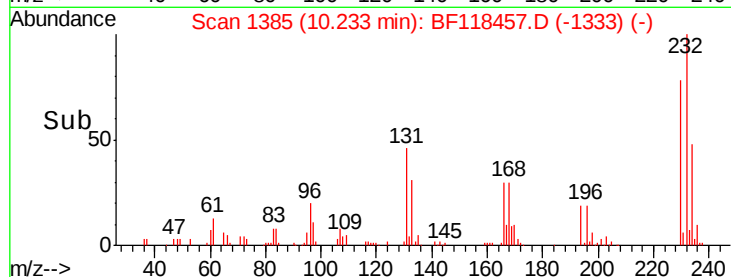
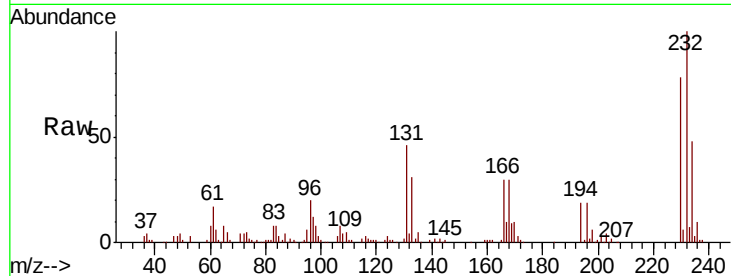
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.826 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		133611		
131	49.9	37.7	56.5		
130	2.8	2.0	3.0		
166	32.5	24.7	37.1		

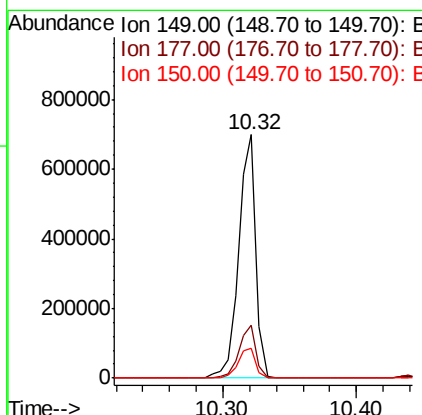
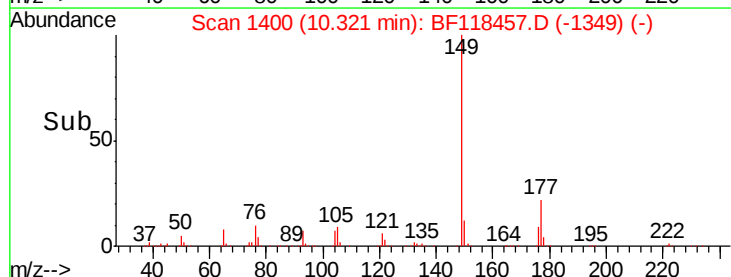
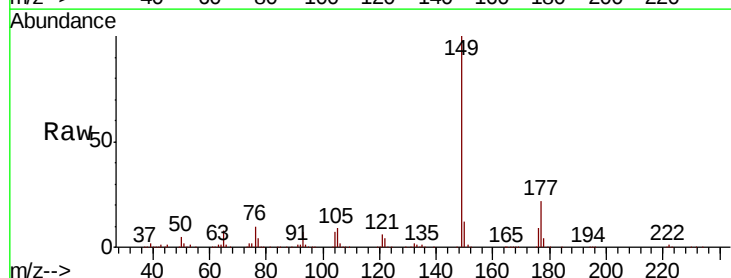
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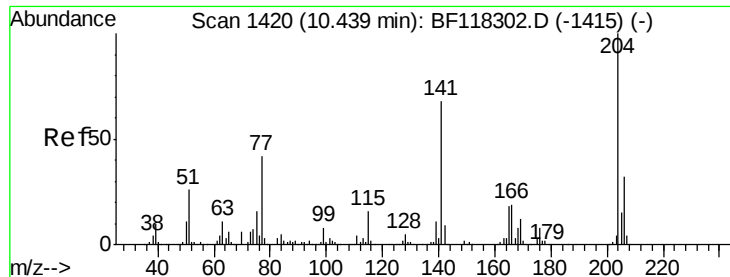
mohammad
 1/6/2020 11:43:51 AM



#60
 Diethylphthalate
 Concen: 42.930 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		625302		
177	21.8	17.9	26.9		
150	12.1	10.2	15.2		





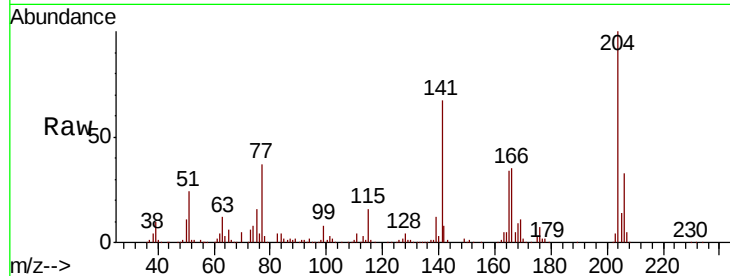
#61
4-Chlorophenyl-phenylether
Concen: 42.517 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleID :
PB125821BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.8
141	66.6	54.2	81.4

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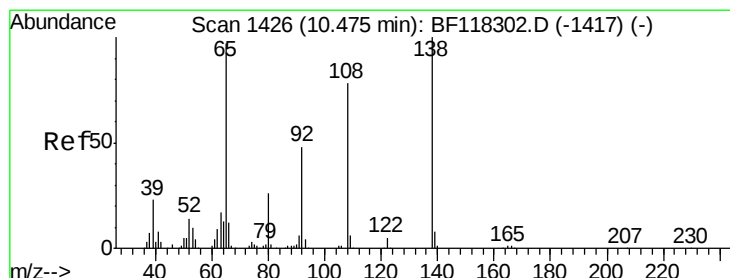
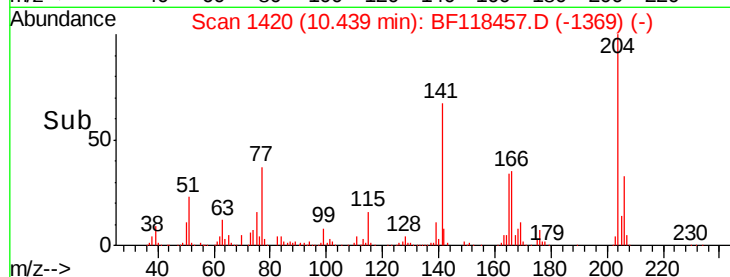
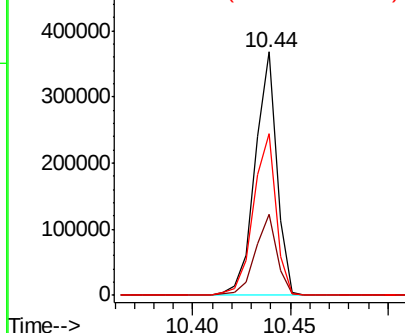


Abundance

Ion 204.00 (203.70 to 204.70): E

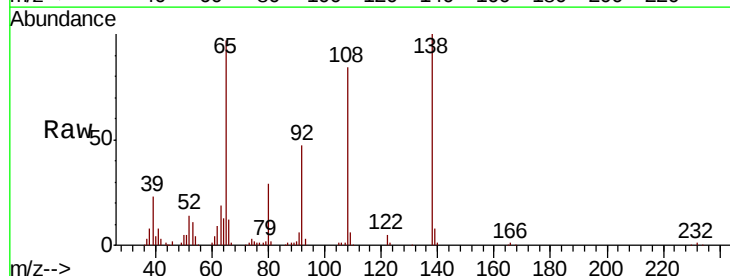
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.365 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	27.9	67.9
108	84.1	58.1	98.1

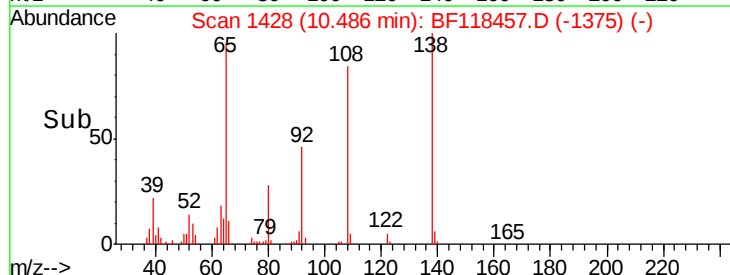
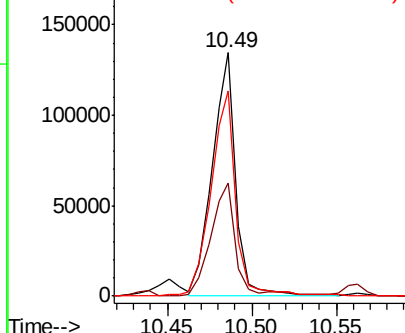


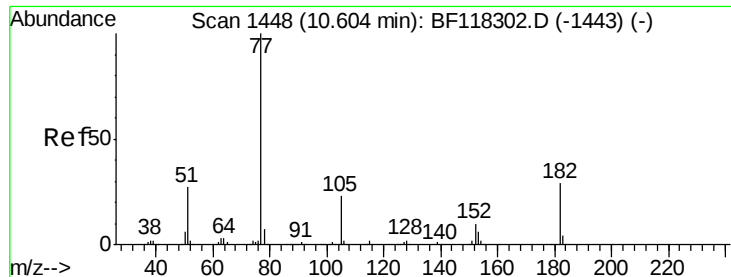
Abundance

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





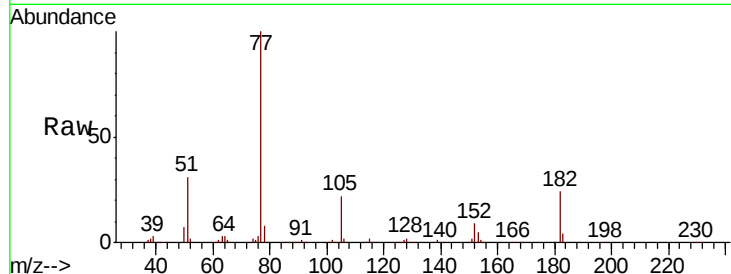
#63
Azobenzene
Concen: 47.348 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

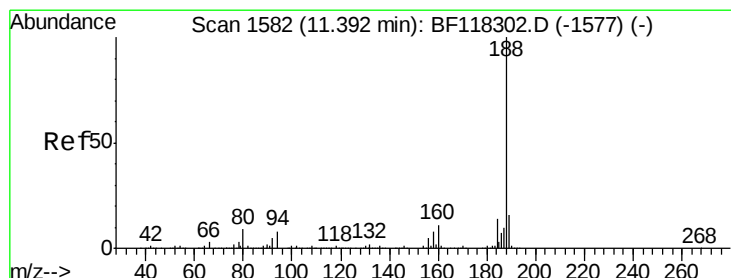
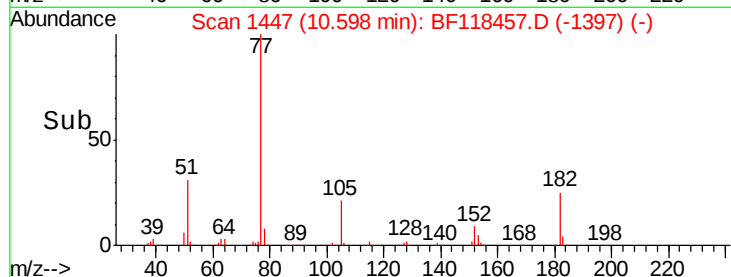
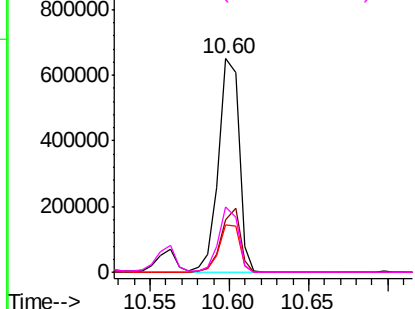
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	9.2	49.2
105	22.0	3.2	43.2
51	30.7	7.1	47.1

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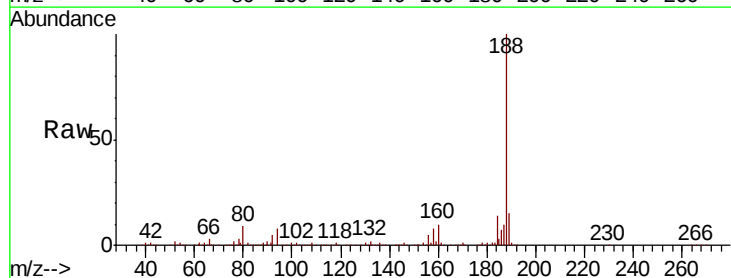


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

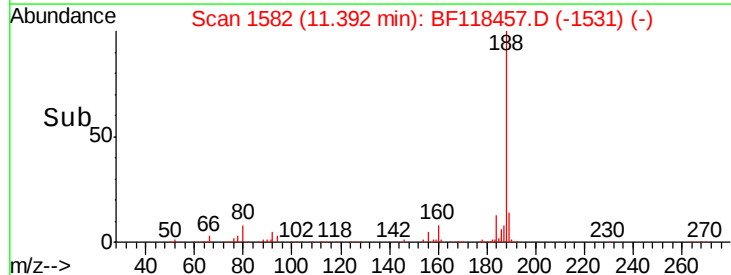
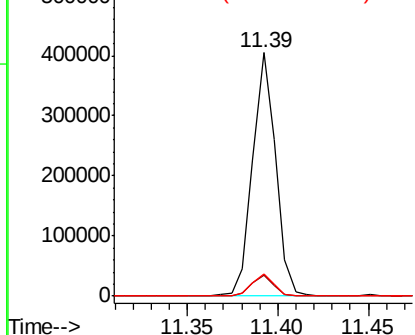


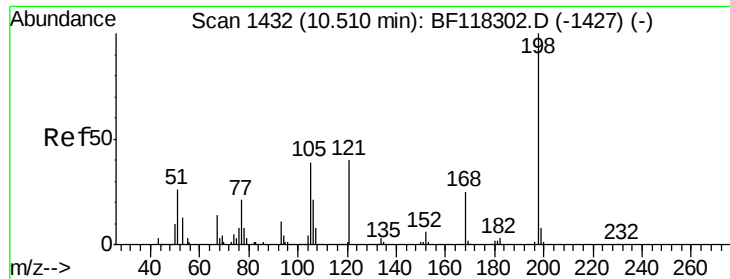
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.1	7.2	10.8



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





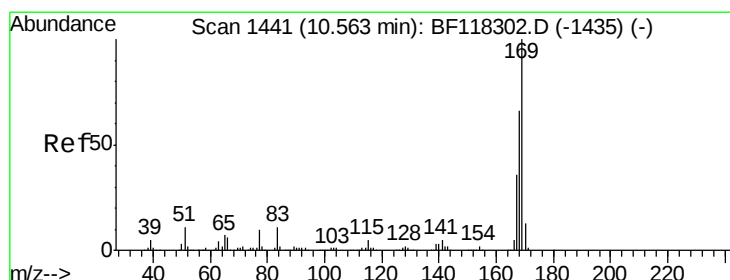
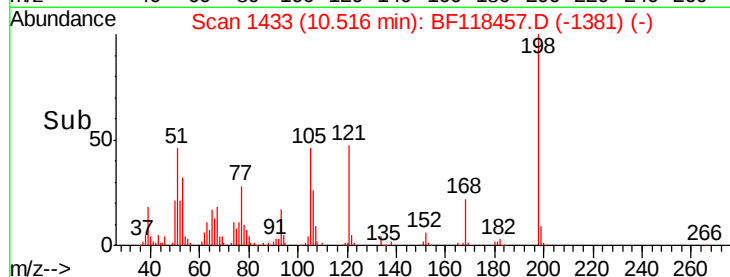
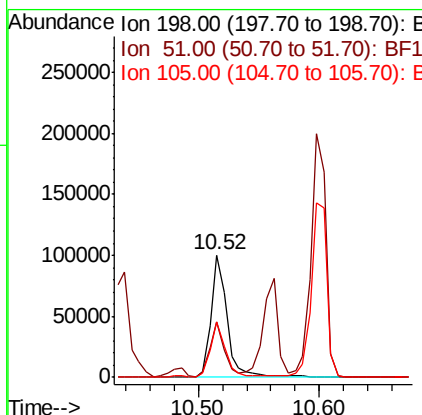
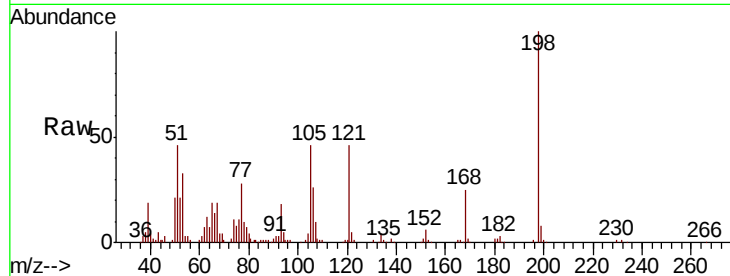
#65
4,6-Dinitro-2-methylphenol
Concen: 47.595 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.9	12.8	52.8
105	45.8	20.3	60.3

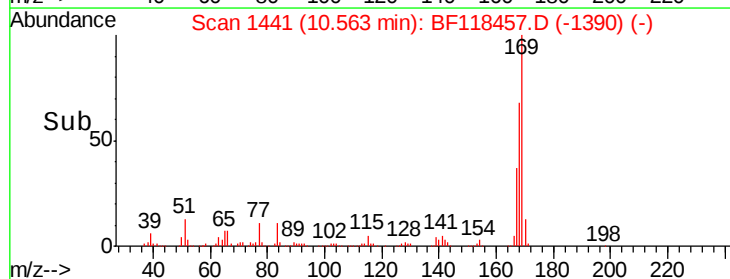
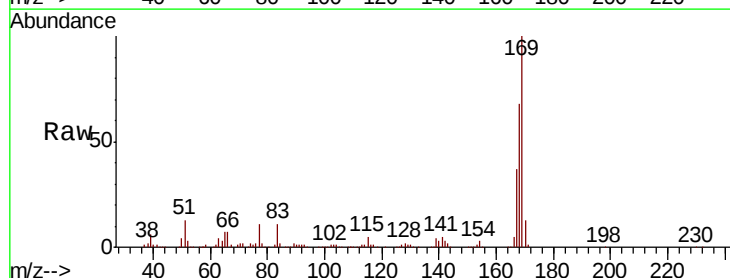
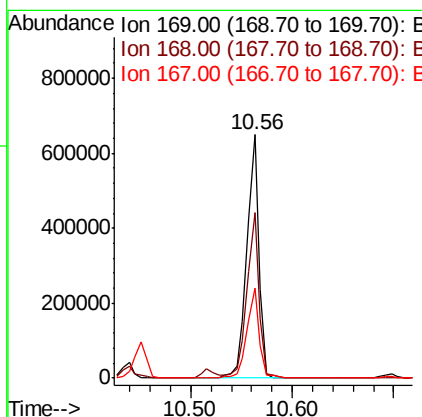
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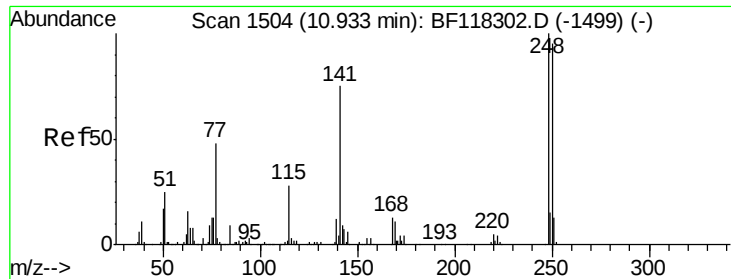
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#66
n-Nitrosodiphenylamine
Concen: 47.222 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	52.6	79.0
167	36.7	28.4	42.6





#67

4-Bromophenyl-phenylether

Concen: 43.661 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

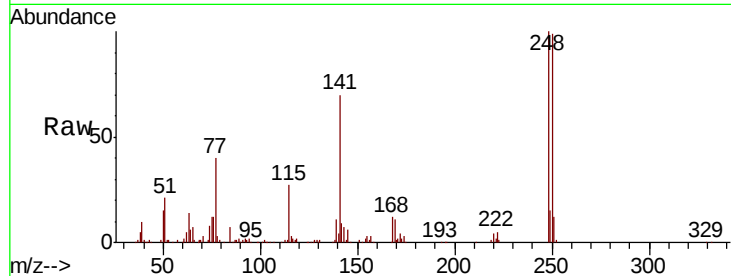
ClientSampled :

PB125821BS

Tot Ion:	248	Resp:	183269
Ion Ratio	Lower	Upper	
248	100		
250	98.8	76.4	114.6
141	69.9	60.2	90.2

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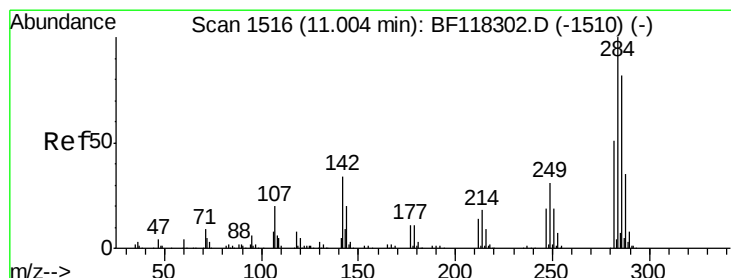
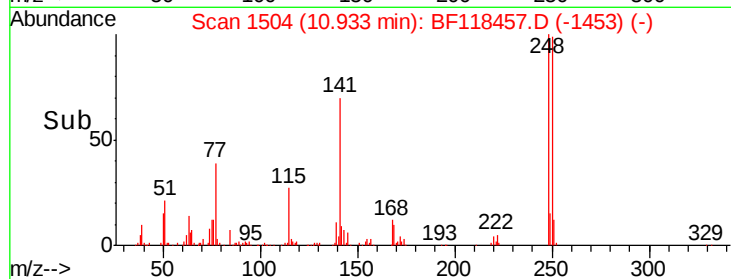
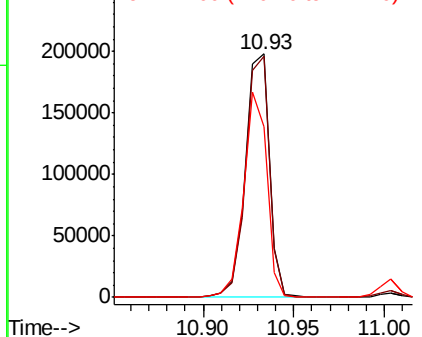


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.741 ng

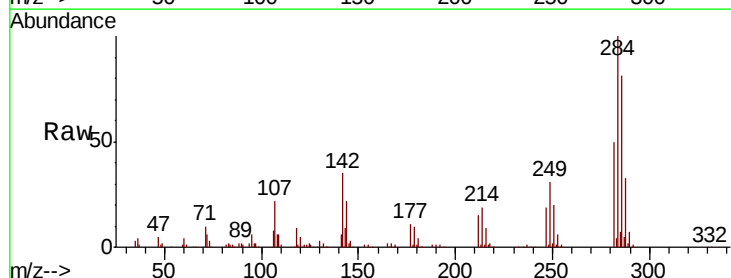
RT: 11.00 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:	284	Resp:	211178
Ion Ratio	Lower	Upper	
284	100		
142	34.6	27.3	40.9
249	31.0	25.0	37.6

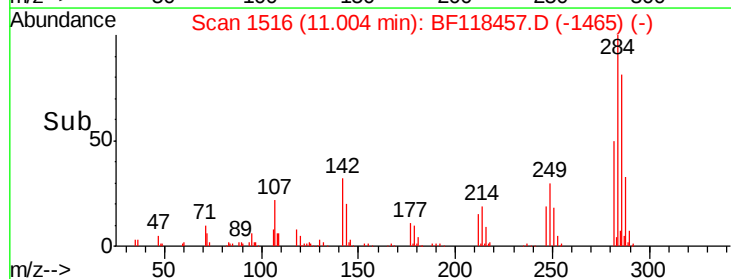
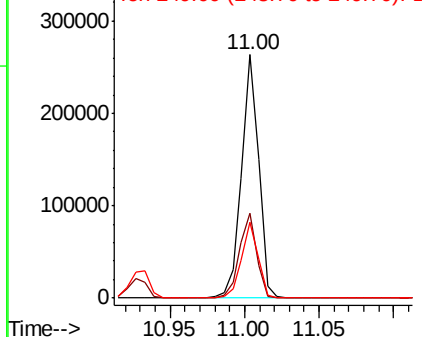


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





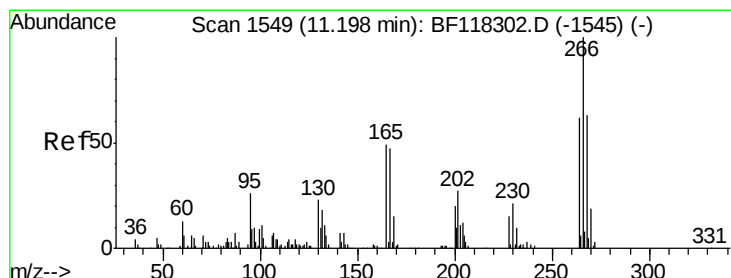
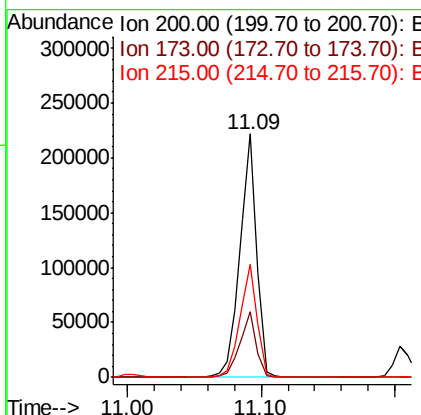
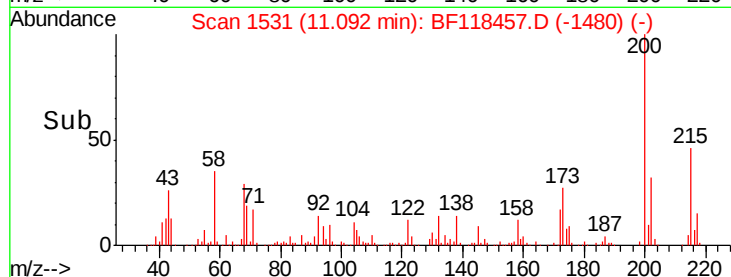
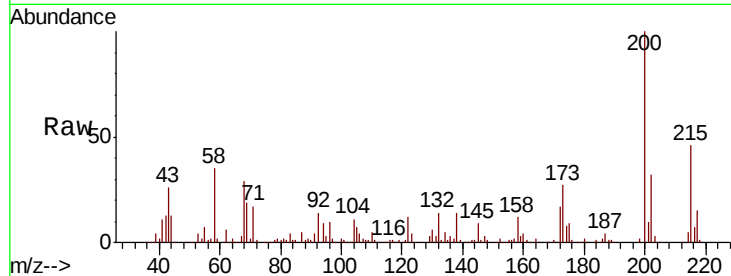
#69
 Atrazine
 Concen: 54.980 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	5.8	45.8
215	46.2	25.1	65.1

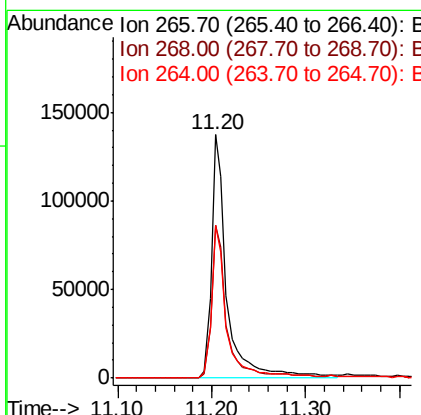
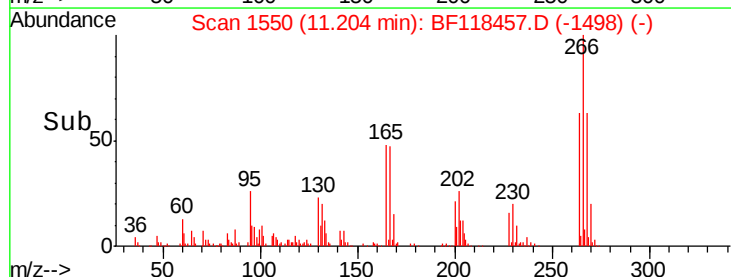
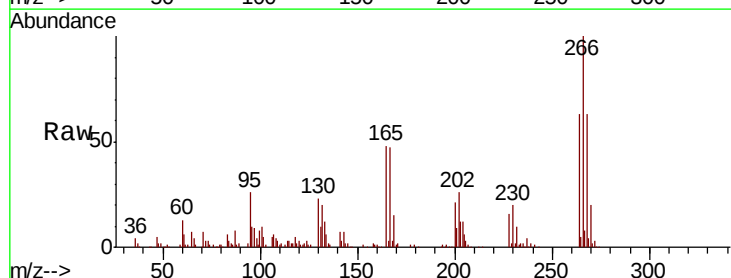
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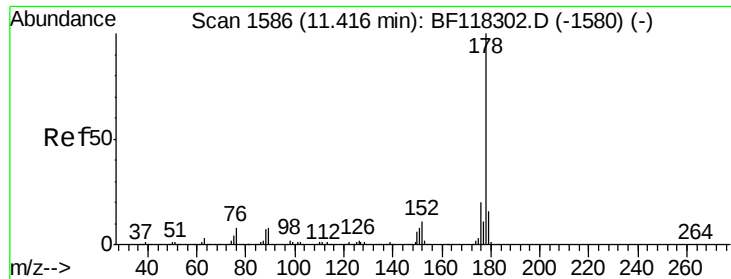
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#70
 Pentachlorophenol
 Concen: 75.282 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	50.6	76.0
264	62.6	49.9	74.9





#71

Phenanthrene

Concen: 44.085 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

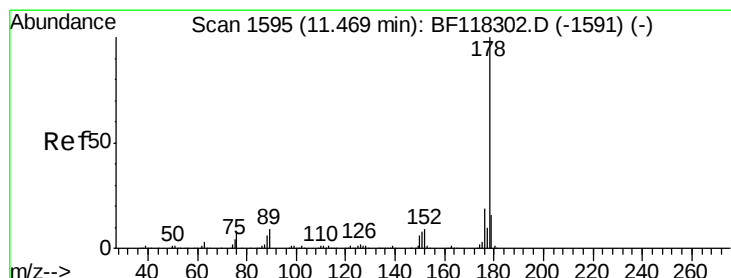
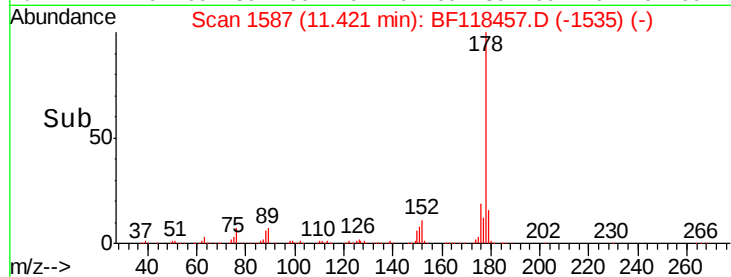
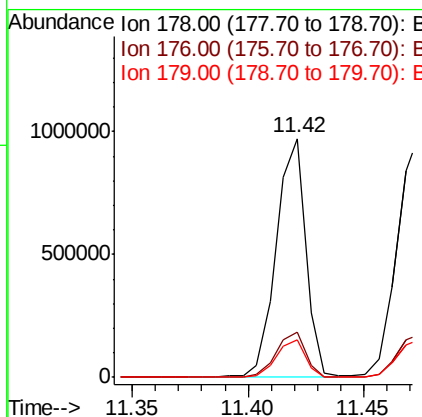
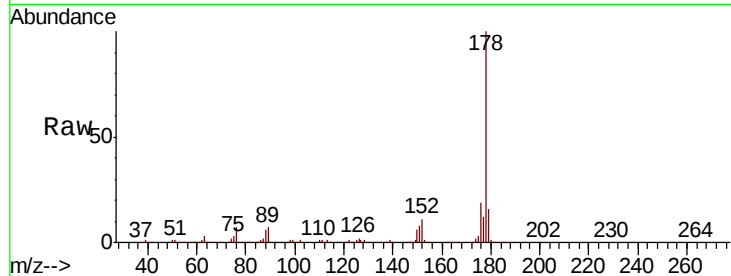
ClientSampleId :

PB125821BS

Tot Ion:178	Resp:	861995
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.6 23.4
179	15.6	12.6 19.0

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#72

Anthracene

Concen: 45.349 ng

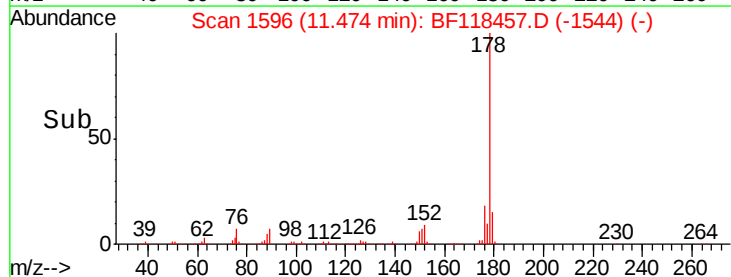
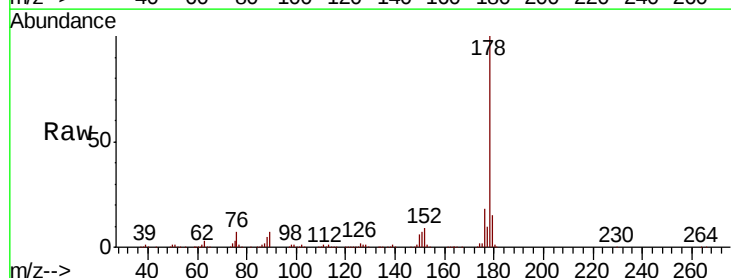
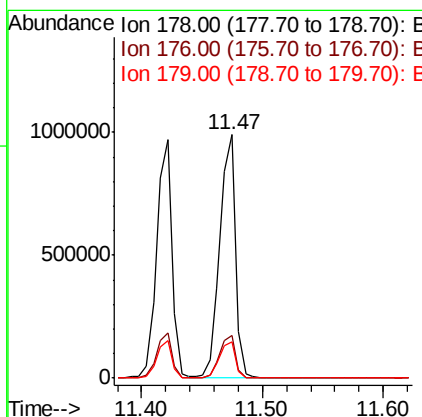
RT: 11.47 min Scan# 1596

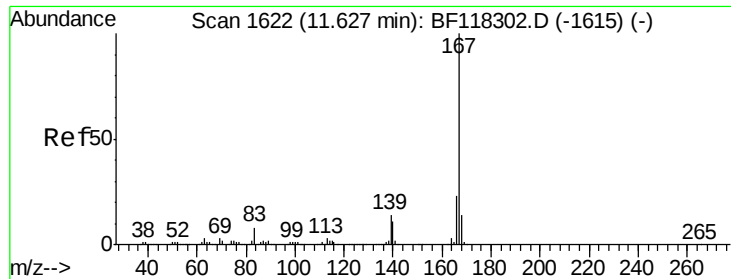
Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:178	Resp:	887539
Ion Ratio	Lower	Upper
178	100	
176	17.6	15.2 22.8
179	15.0	12.9 19.3





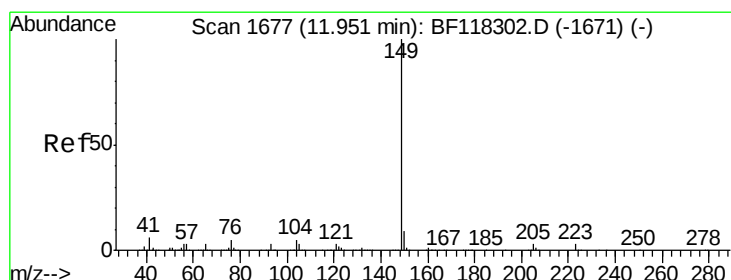
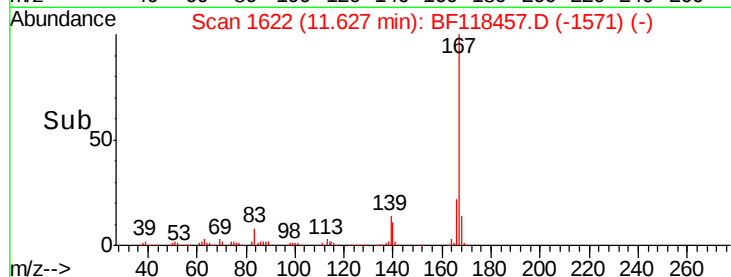
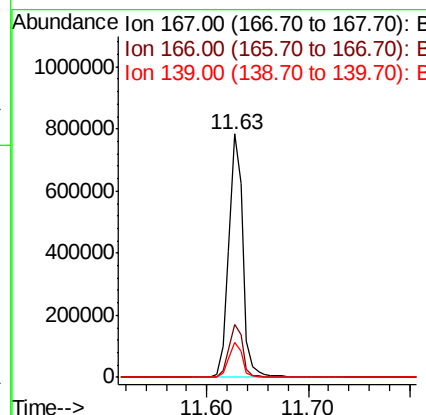
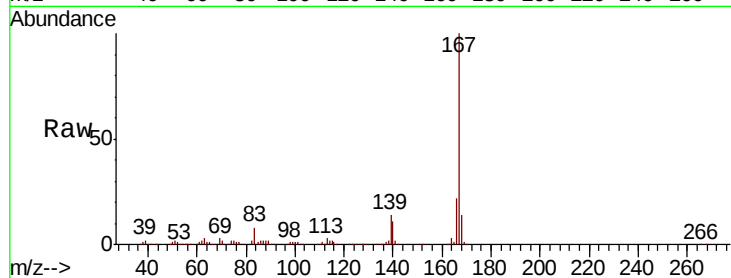
#73
 Carbazole
 Concen: 43.193 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	14.1	11.5	17.3

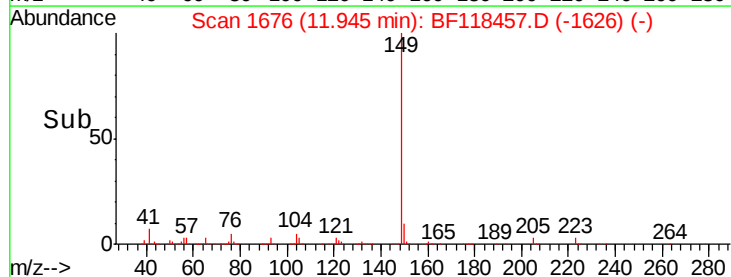
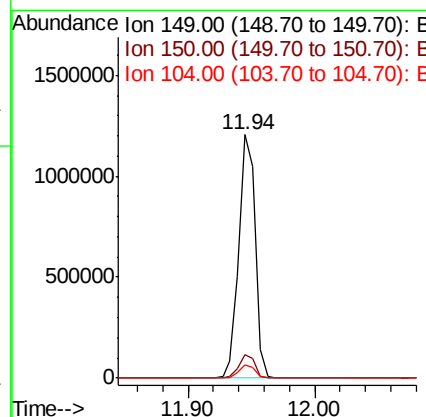
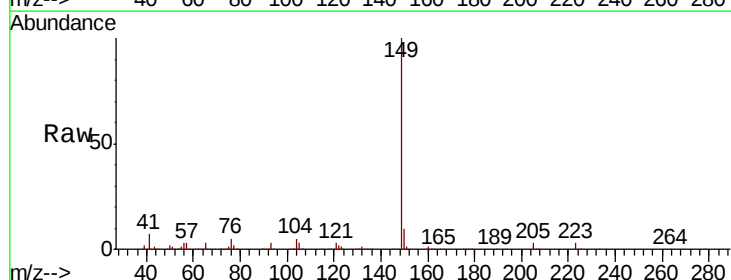
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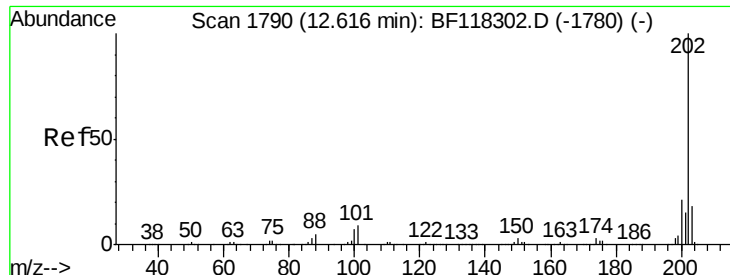
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.455 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.4	4.0	6.0





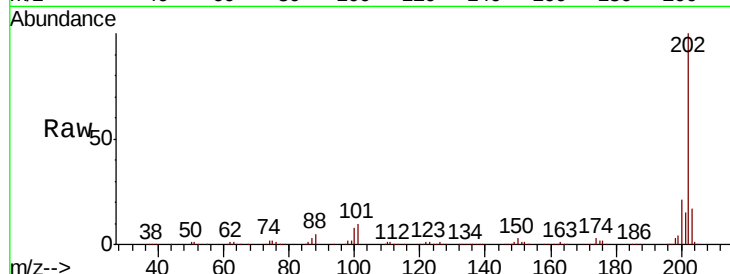
#75
 Fluoranthene
 Concen: 46.152 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	29.5
203	17.4	0.0	37.6

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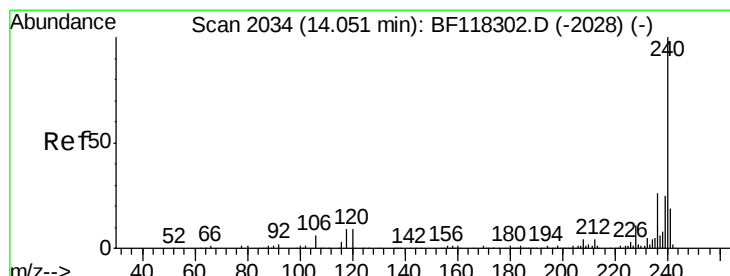
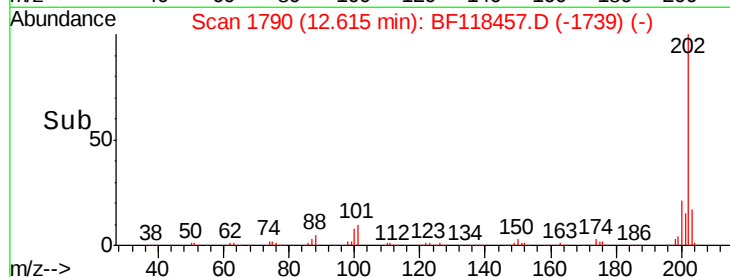
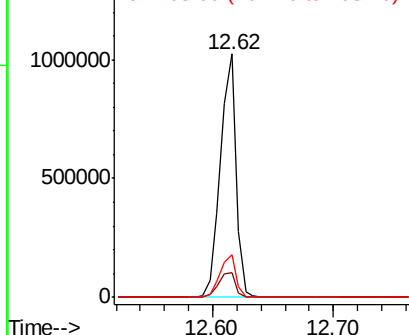


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

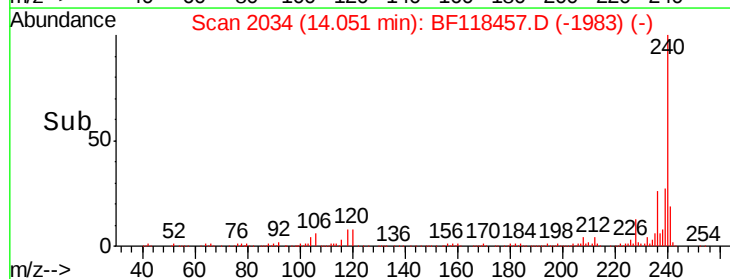
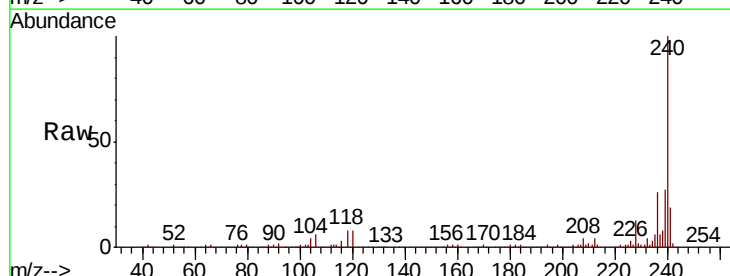
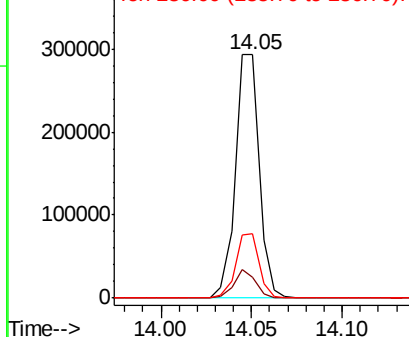
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.4	7.1	10.7
236	26.4	21.0	31.6

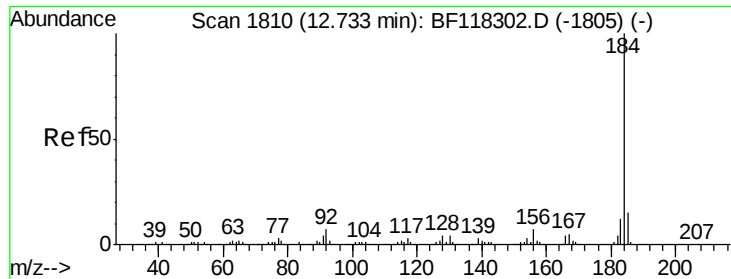
Abundance

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: 56.838 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

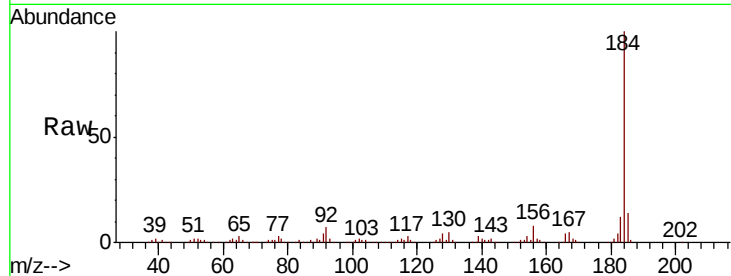
ClientSampleId :

PB125821BS

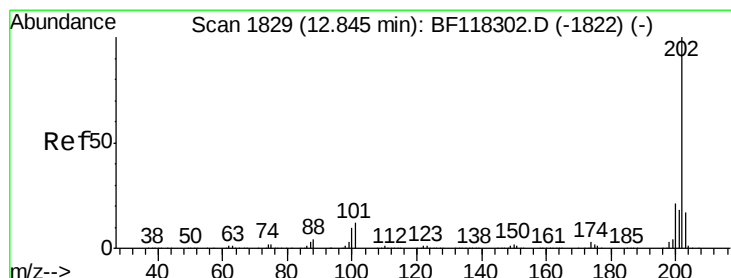
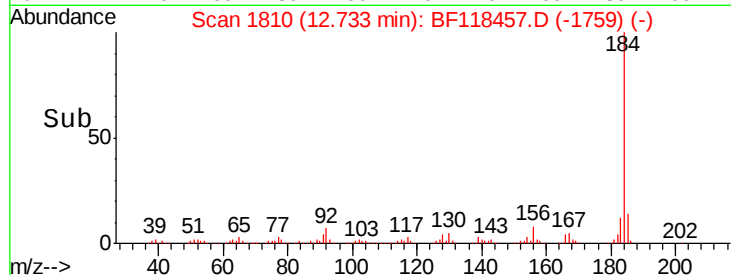
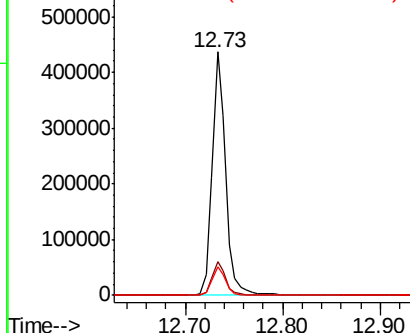
Tot Ion:	184	Resp:	419344
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.3	18.5
183	11.9	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.080 ng

RT: 12.84 min Scan# 1829

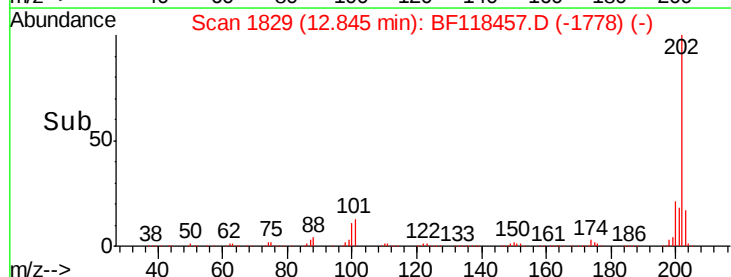
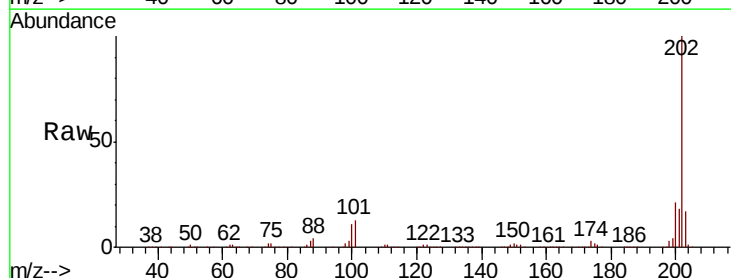
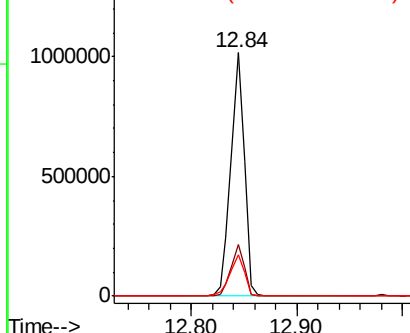
Delta R.T. -0.00 min

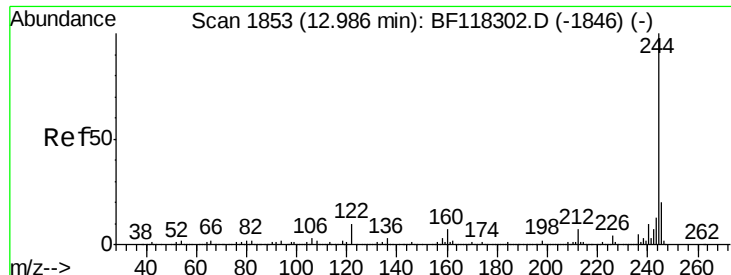
Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:	202	Resp:	903257
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	17.0	13.9	20.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





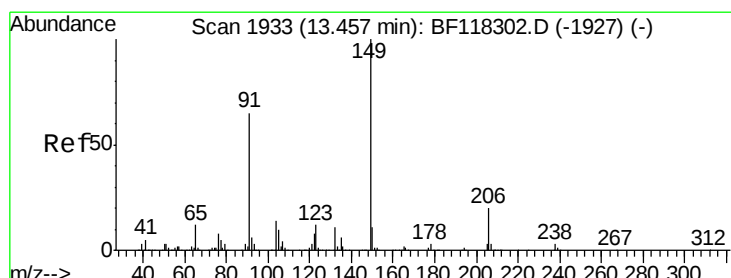
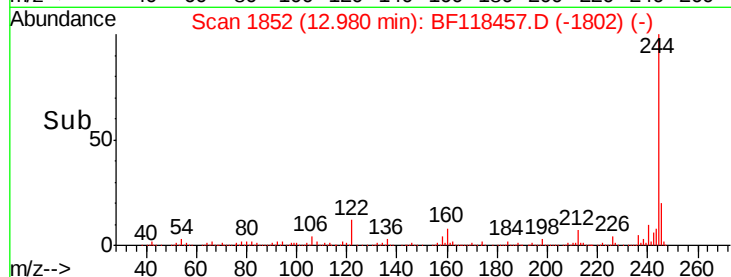
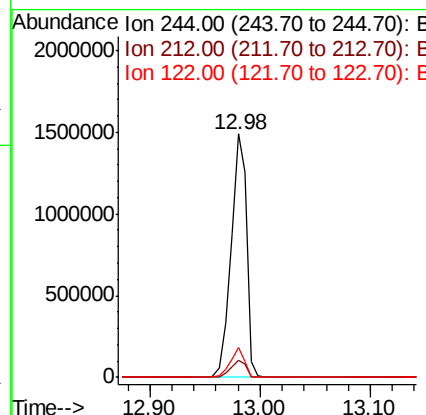
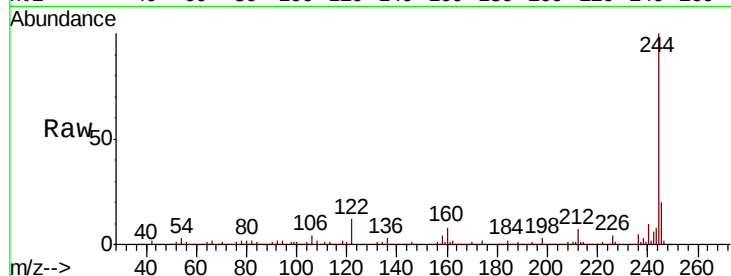
#79
 Terphenyl-d14
 Concen: 90.132 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB125821BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	12.0	7.8	11.8

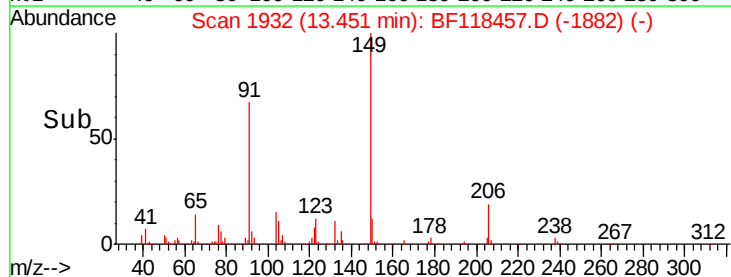
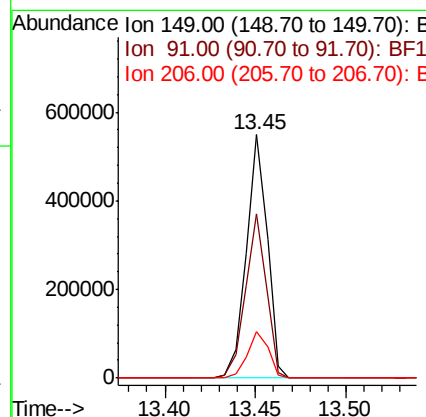
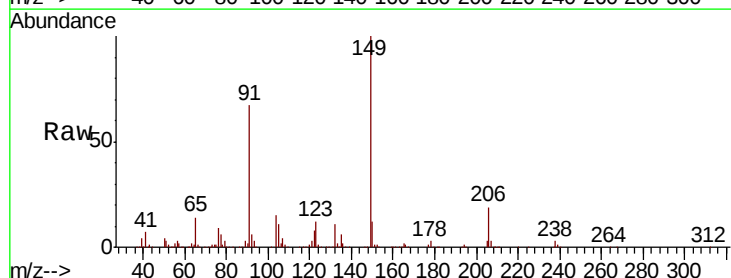
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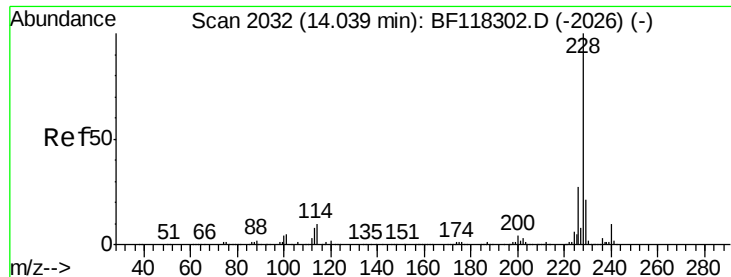
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#80
 Butylbenzylphthalate
 Concen: 44.382 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118457.D
 Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	51.8	77.6
206	18.9	15.7	23.5





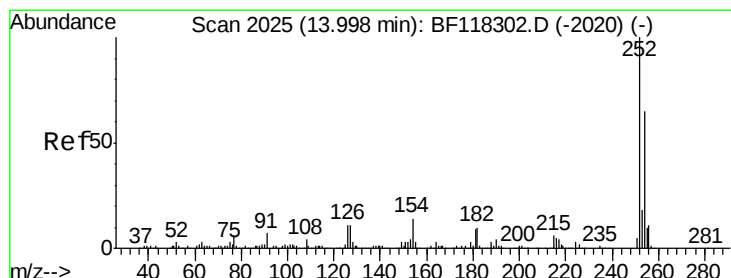
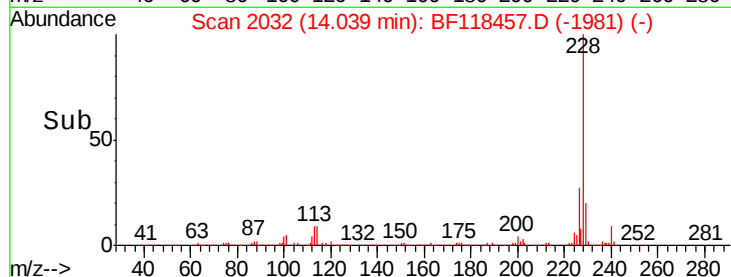
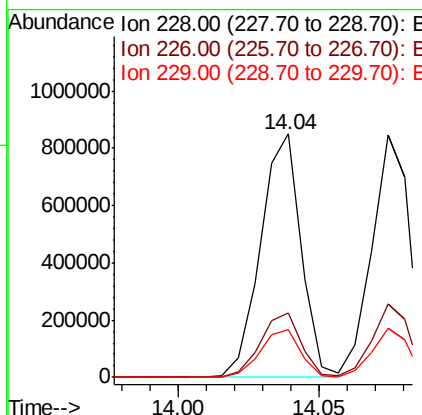
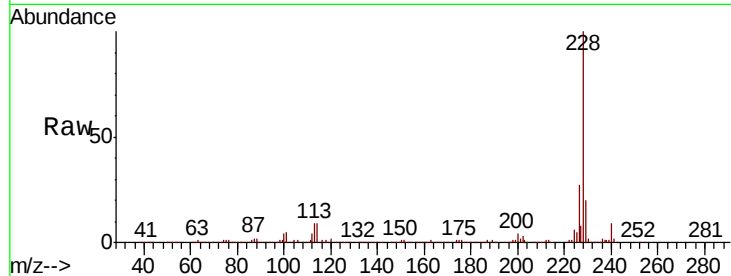
#81
Benzo(a)anthracene
Concen: 44.766 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.0	33.0
229	19.8	16.6	24.8

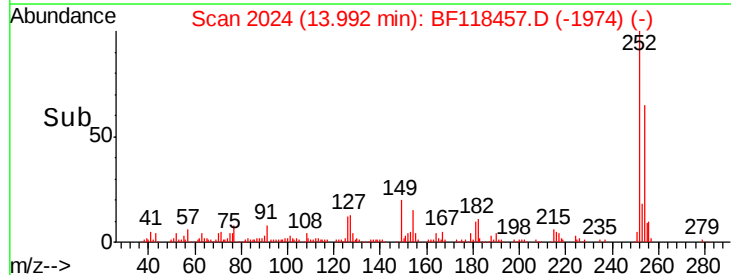
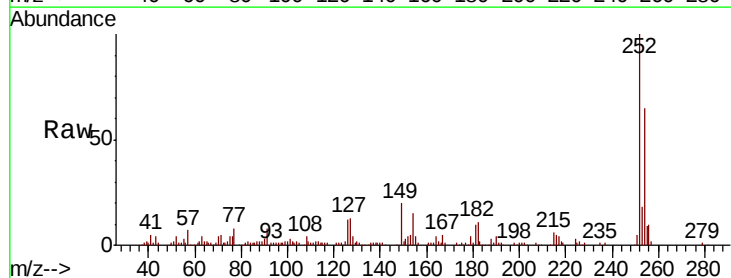
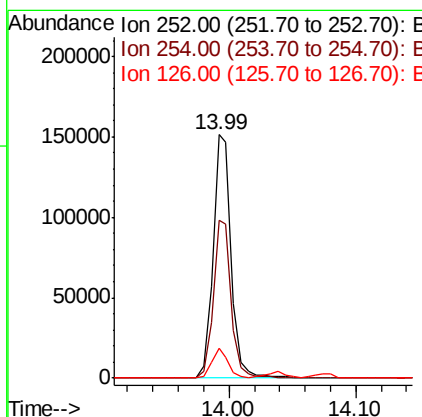
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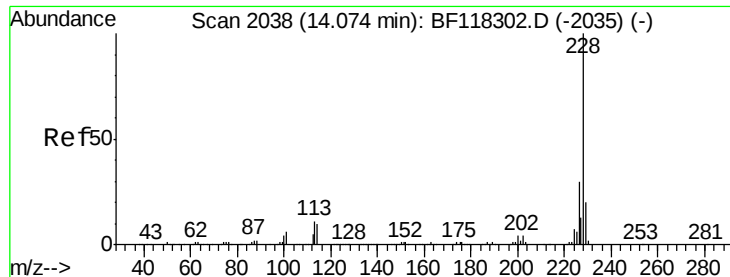
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.839 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.8
126	12.2	8.7	13.1





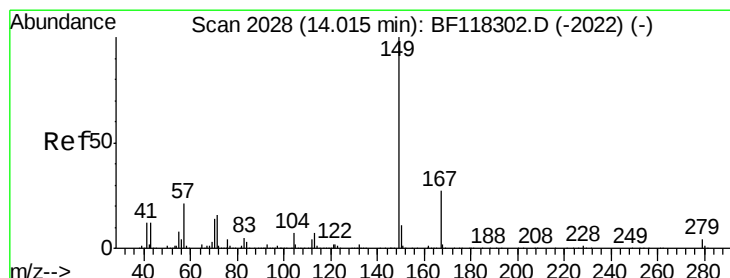
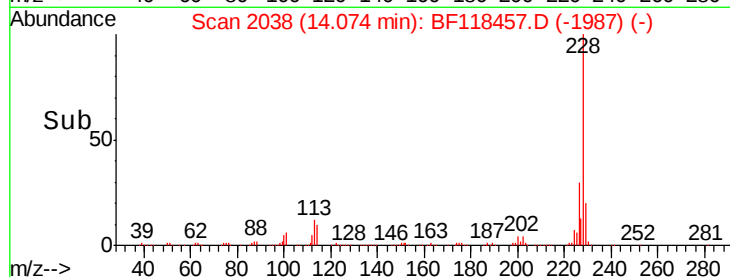
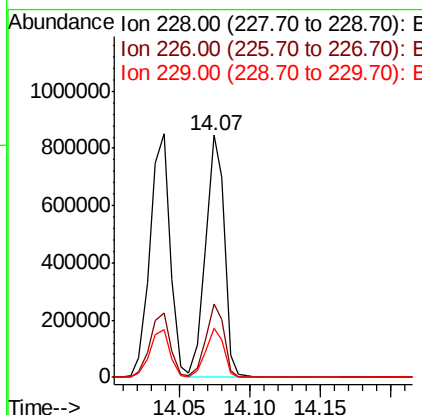
#83
Chrysene
Concen: 42.946 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	20.1	16.1	24.1

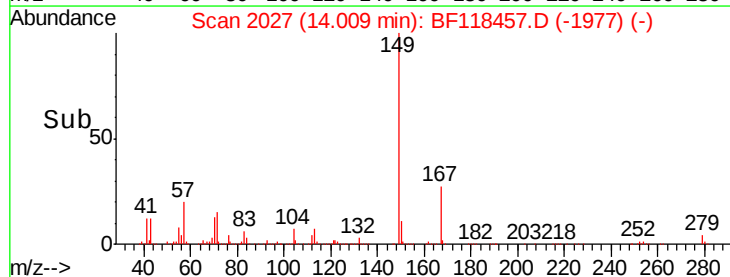
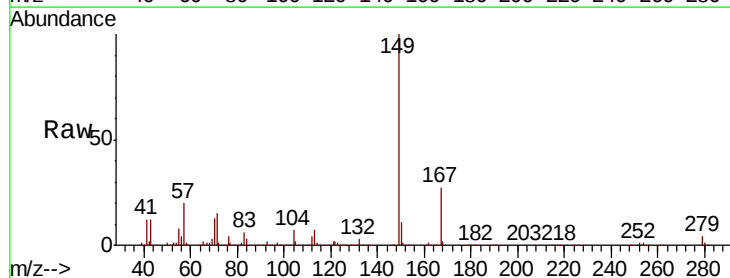
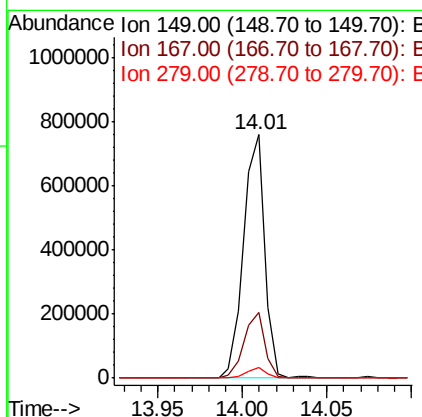
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.427 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.3	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 53.111 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

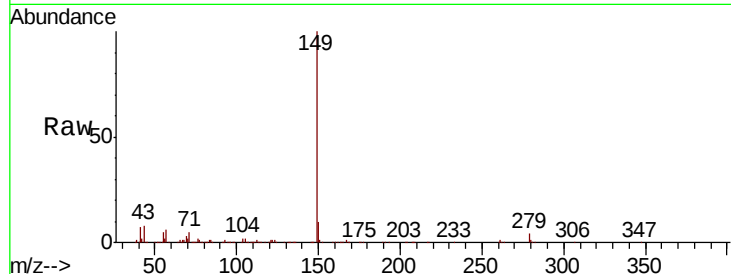
ClientSampleId :

PB125821BS

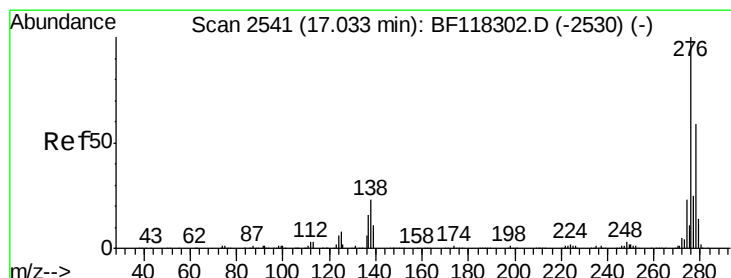
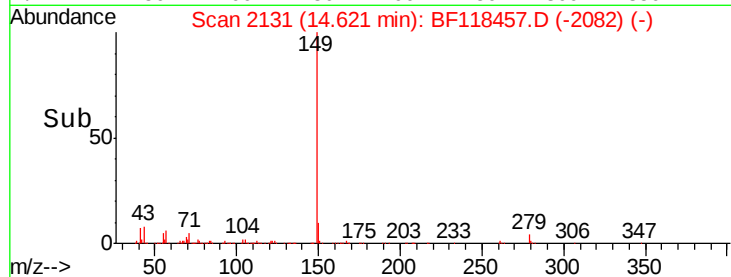
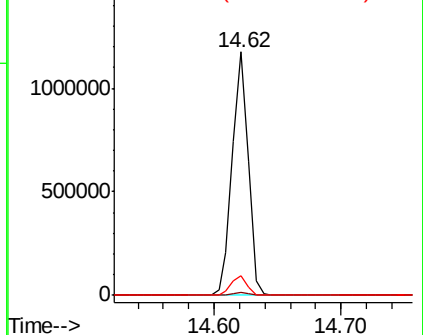
Tot Ion:	149	Resp:	1017031
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.1	9.1

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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: 36.213 ng

RT: 17.05 min Scan# 2544

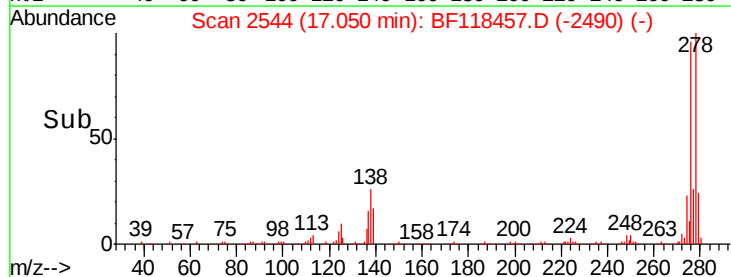
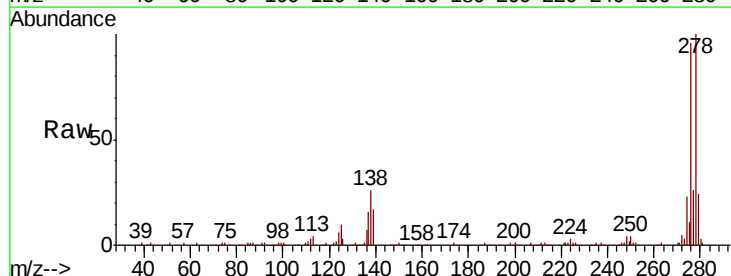
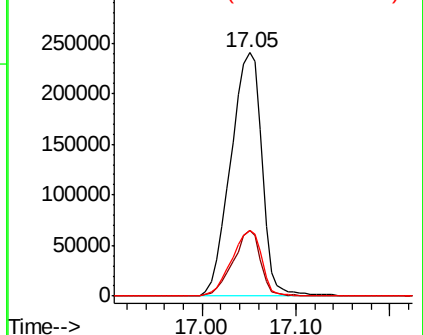
Delta R.T. 0.02 min

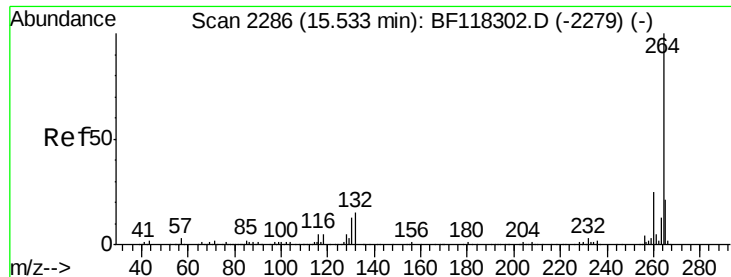
Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion:	276	Resp:	556837
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.5	29.3
277	25.8	20.6	30.8

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





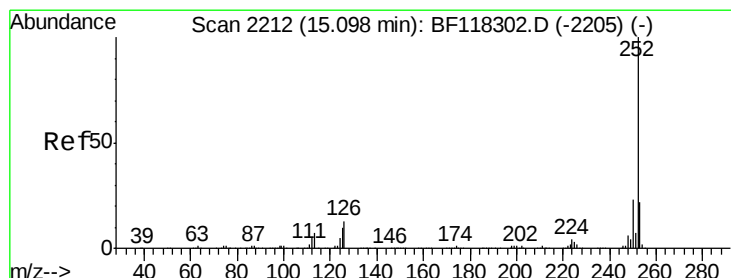
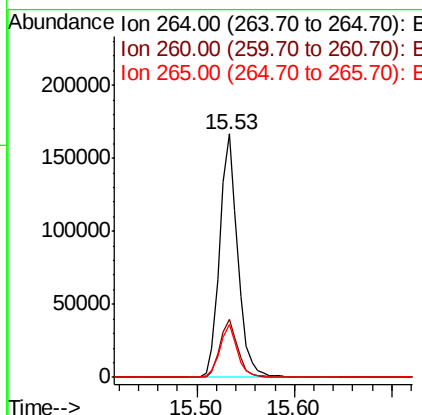
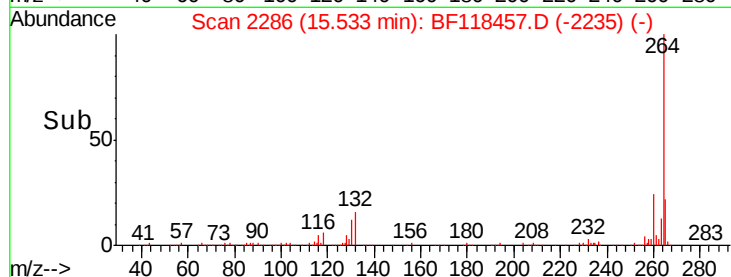
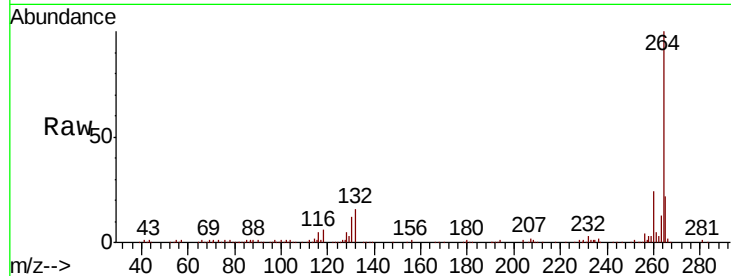
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

Tot Ion:	264	Resp:	213780
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.8	29.6
265	21.7	17.0	25.4

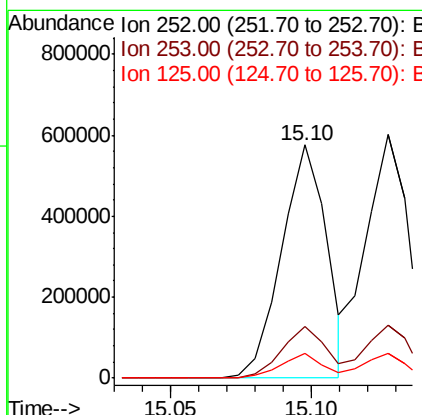
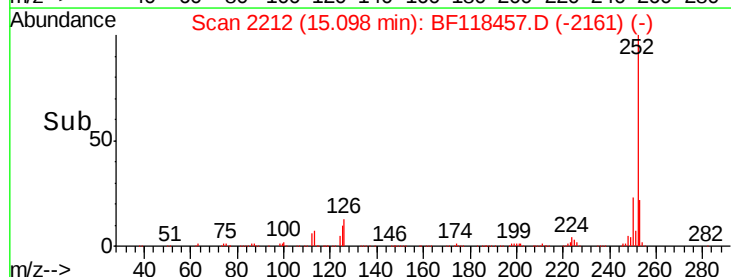
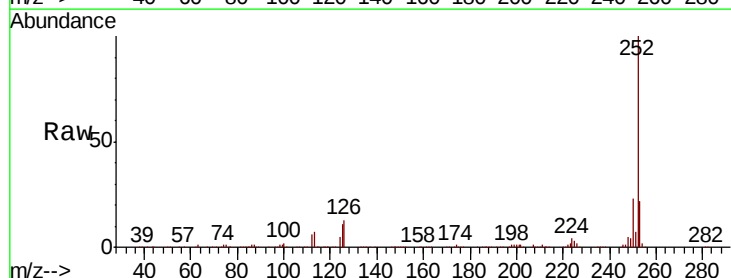
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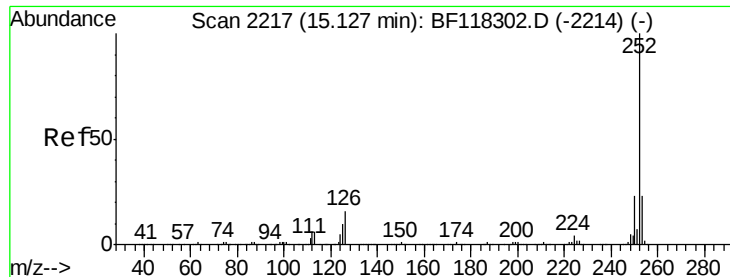
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#88
Benzo(b)fluoranthene
Concen: 45.101 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion:	252	Resp:	640013
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	10.5	7.7	11.5





#89

Benzo(k)fluoranthene

Concen: 46.396 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Instrument :

BNA_F

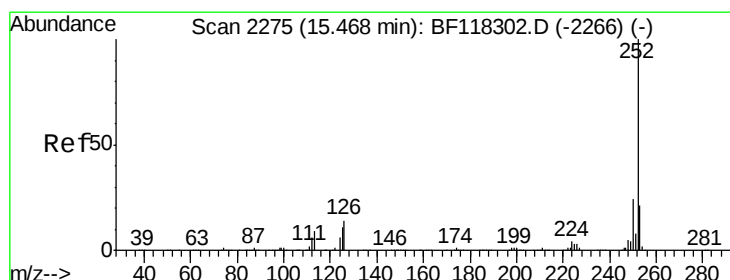
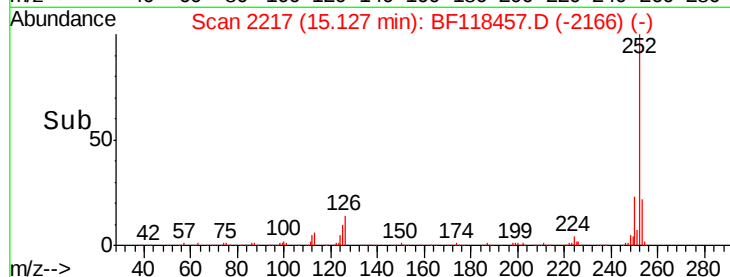
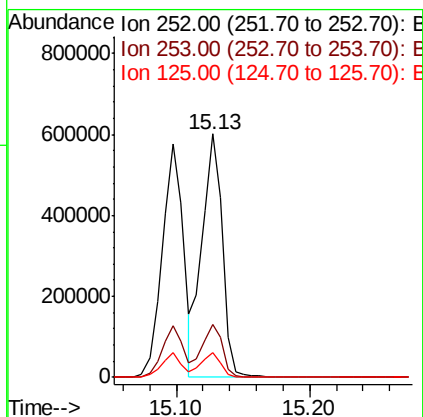
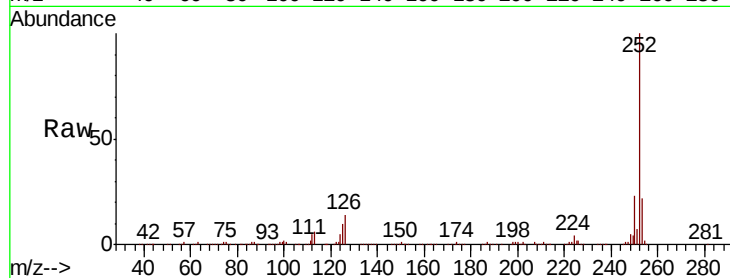
ClientSampleId :

PB125821BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		632175		
253	21.7	18.0	27.0		
125	10.2	8.0	12.0		

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#90

Benzo(a)pyrene

Concen: 43.959 ng

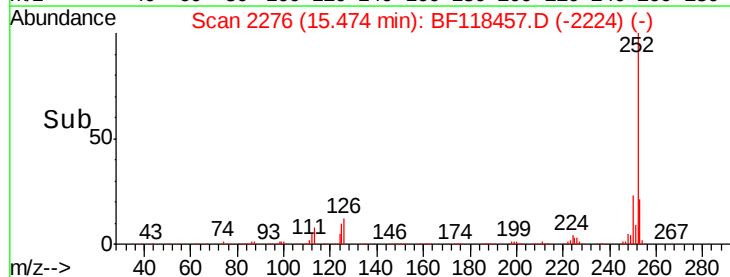
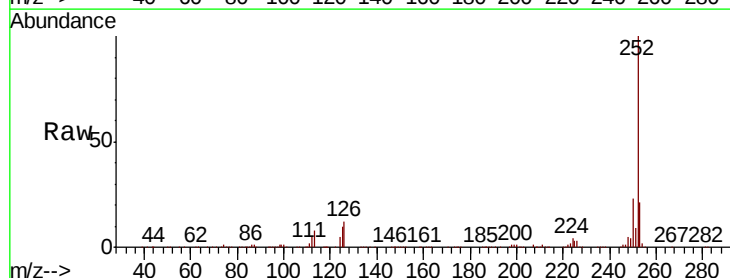
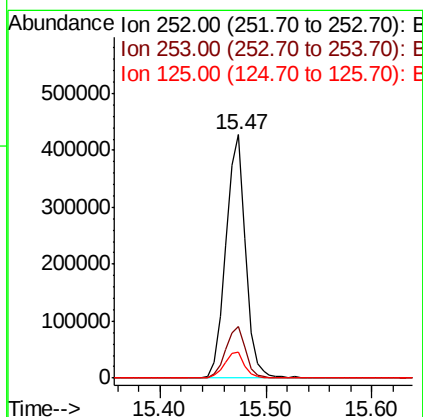
RT: 15.47 min Scan# 2276

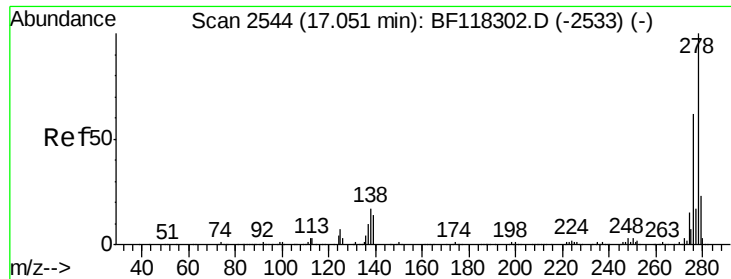
Delta R.T. 0.01 min

Lab File: BF118457.D

Acq: 3 Jan 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		549522		
253	21.3	17.0	25.6		
125	10.5	9.0	13.4		





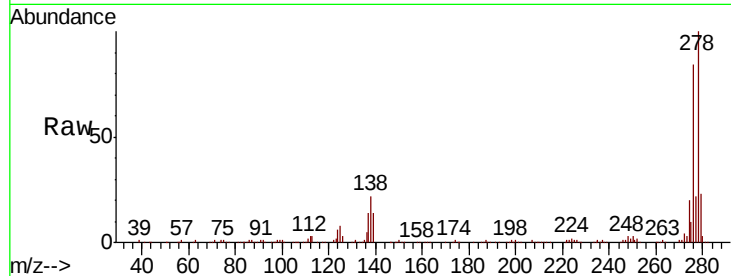
#91
Dibenzo(a,h)anthracene
Concen: 43.210 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB125821BS

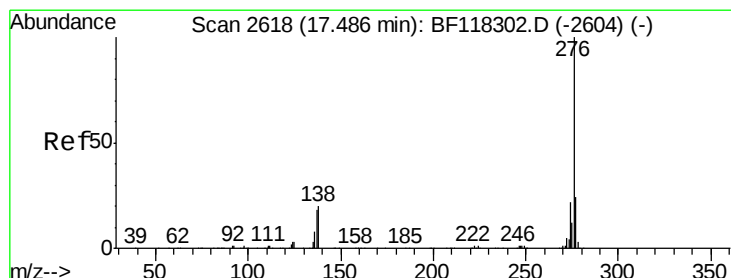
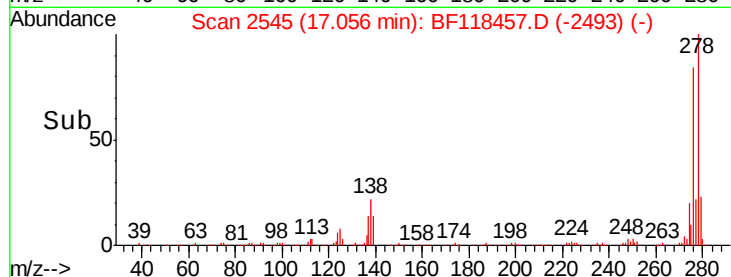
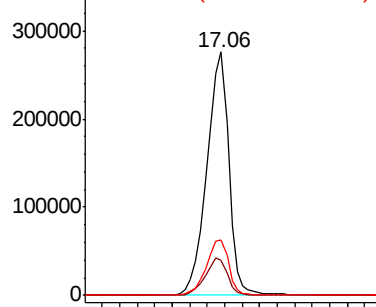
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.5	17.3
279	23.0	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/6/2020 11:43:51 AM

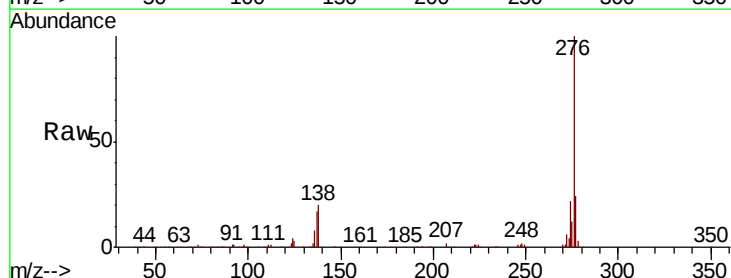


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.156 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118457.D
Acq: 3 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	19.6	16.1	24.1



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

