

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118792.D
 Acq On : 3 Feb 2020 11:50
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
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 2/4/2020 6:13:34 PM

Quant Time: Feb 03 15:38:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	293077	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1108482	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	637911	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1193449	20.00	ng	0.00
76) Chrysene-d12	13.98	240	989304	20.00	ng	0.00
87) Perylene-d12	15.43	264	1089832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	703750	44.60	ng	0.00
7) Phenol-d6	6.44	99	870931	42.46	ng	-0.01
23) Nitrobenzene-d5	7.37	82	804356	40.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	334764	45.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1725046	44.45	ng	0.00
79) Terphenyl-d14	12.92	244	2207884	48.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	152778	19.989	ng	99
3) Pyridine	3.30	79	410338	19.048	ng	99
4) n-Nitrosodimethylamine	3.22	42	149872	16.228	ng	97
6) Aniline	6.47	93	560509	20.754	ng	100
8) 2-Chlorophenol	6.60	128	388129	21.913	ng	99
9) Benzaldehyde	6.36	77	269891	21.637	ng	98
10) Phenol	6.46	94	490406	20.981	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	362724	20.916	ng	99
12) 1,3-Dichlorobenzene	6.76	146	461969	22.284	ng	98
13) 1,4-Dichlorobenzene	6.83	146	463461	22.271	ng	99
14) 1,2-Dichlorobenzene	6.99	146	439241	22.453	ng	100
15) Benzyl Alcohol	6.95	79	335286	20.614	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	450884	18.666	ng	99
17) 2-Methylphenol	7.07	107	314466	21.314	ng	98
18) Hexachloroethane	7.33	117	161682	21.426	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	265360	19.161	ng	96
20) 3+4-Methylphenols	7.22	107	393398	21.840	ng	99
22) Acetophenone	7.22	105	539850	20.559	ng	# 98
24) Nitrobenzene	7.39	77	404155	19.917	ng	99
25) Isophorone	7.63	82	713463	19.738	ng	99
26) 2-Nitrophenol	7.71	139	203681	23.538	ng	98
27) 2,4-Dimethylphenol	7.75	122	286657	19.184	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	469338	20.151	ng	98
29) 2,4-Dichlorophenol	7.95	162	344270	20.842	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	413787	21.604	ng	99
31) Naphthalene	8.12	128	1152123	23.008	ng	99
32) Benzoic acid	7.85	122	210452	18.766	ng	98
33) 4-Chloroaniline	8.16	127	494986	21.387	ng	99
34) Hexachlorobutadiene	8.25	225	253047	21.695	ng	99
35) Caprolactam	8.52	113	104891m	19.404	ng	
36) 4-Chloro-3-methylphenol	8.65	107	347521	21.305	ng	99
37) 2-Methylnaphthalene	8.81	142	794425	22.476	ng	99
38) 1-Methylnaphthalene	8.91	142	748190	22.281	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	431383	21.613	ng	99

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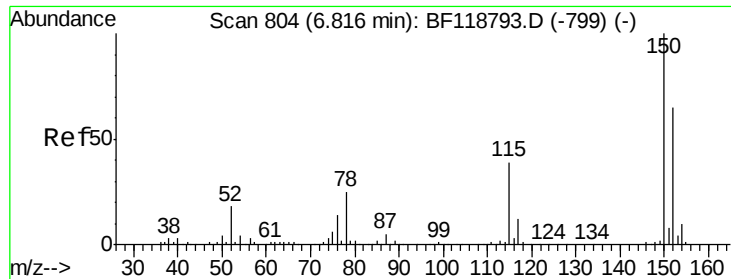
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	142378	14.138	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	275975	20.836	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	280782	20.757	nq	98
46) 1,1'-Biphenyl	9.27	154	1013672	23.056	nq	98
47) 2-Chloronaphthalene	9.30	162	823991	22.236	nq	98
48) 2-Nitroaniline	9.39	65	220947	19.396	nq	98
49) Acenaphthylene	9.72	152	1196782	22.957	nq	99
50) Dimethylphthalate	9.57	163	952604	22.921	nq	99
51) 2,6-Dinitrotoluene	9.63	165	211009	22.673	nq	97
52) Acenaphthene	9.89	154	768072	22.034	nq	98
53) 3-Nitroaniline	9.80	138	232154	21.846	nq	95
54) 2,4-Dinitrophenol	9.90	184	88999	23.954	nq	96
55) Dibenzofuran	10.06	168	1114306	23.067	nq	97
56) 4-Nitrophenol	9.96	139	161977	20.191	nq	96
57) 2,4-Dinitrotoluene	10.03	165	278920	23.774	nq	88
58) Fluorene	10.40	166	850477	22.426	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248296	20.869	nq	99
60) Diethylphthalate	10.27	149	936506	23.241	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	460682	22.335	nq	98
62) 4-Nitroaniline	10.41	138	229767	21.078	nq	97
63) Azobenzene	10.55	77	807499	20.692	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	130036	24.779	nq	95
66) n-Nitrosodiphenylamine	10.51	169	775916	21.558	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	311958	21.157	nq	99
68) Hexachlorobenzene	10.96	284	357779	21.403	nq	# 91
69) Atrazine	11.03	200	260651	20.894	nq	99
70) Pentachlorophenol	11.15	266	180352	19.405	nq	98
71) Phenanthrene	11.36	178	1324544	23.005	nq	98
72) Anthracene	11.42	178	1305806	22.920	nq	97
73) Carbazole	11.56	167	1160808	22.213	nq	98
74) Di-n-butylphthalate	11.90	149	1475988	25.422	nq	99
75) Fluoranthene	12.55	202	1451614	23.904	nq	99
77) Benzidine	12.67	184	663013	25.082	nq	98
78) Pyrene	12.78	202	1454868	21.661	nq	98
80) Butylbenzylphthalate	13.40	149	637471	23.191	nq	98
81) Benzo(a)anthracene	13.97	228	1315191	22.100	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	547829	25.834	nq	98
83) Chrysene	14.00	228	1316378	23.080	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	874670	26.045	nq	100
85) Di-n-octyl phthalate	14.57	149	1507165	30.320	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	1356992	27.381	nq	100
88) Benzo(b)fluoranthene	15.01	252	1412653	20.622	nq	98
89) Benzo(k)fluoranthene	15.03	252	1280240	20.172	nq	99
90) Benzo(a)pyrene	15.36	252	1234240	20.886	nq	100
91) Dibenzo(a,h)anthracene	16.88	278	1123797	21.499	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1052960	20.747	nq	98

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



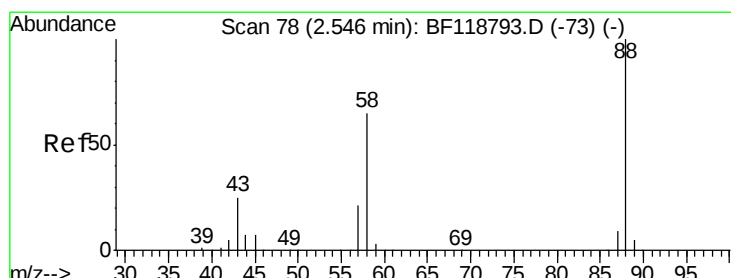
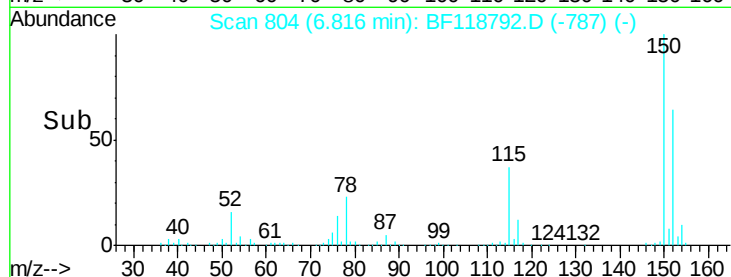
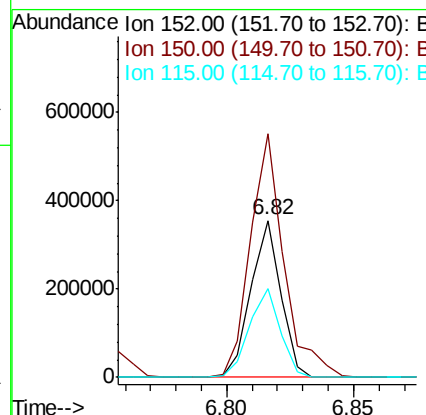
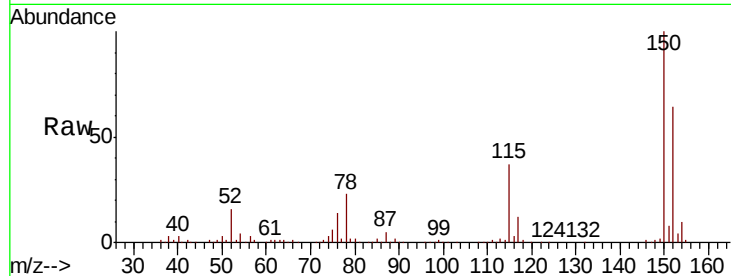
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.6	185.4
115	57.0	48.2	72.2

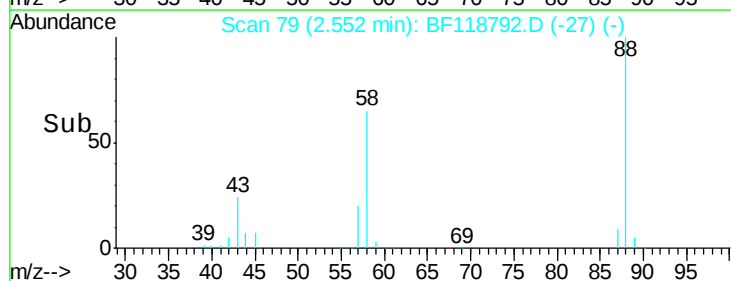
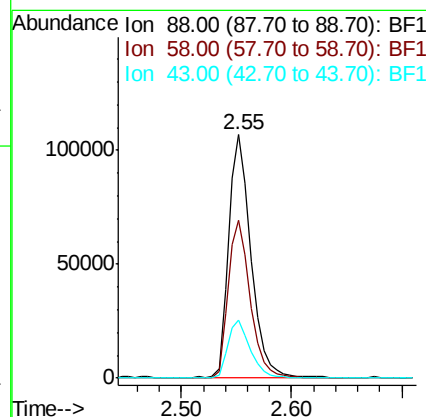
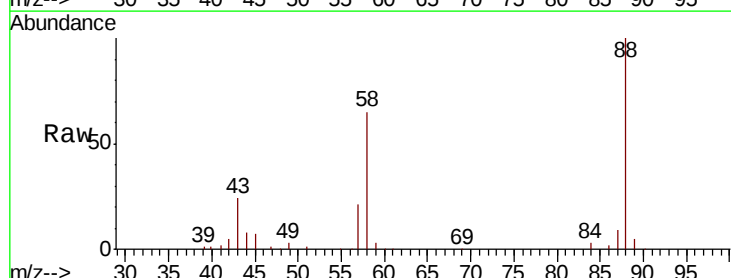
Manual Integrations
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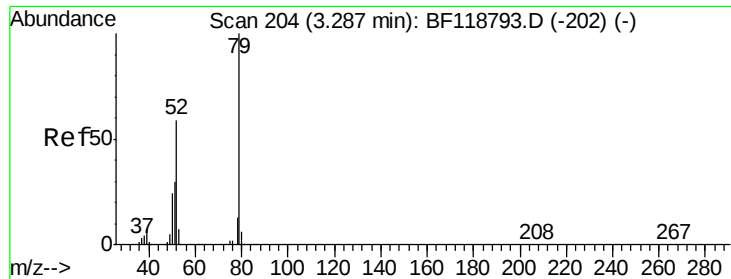
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#2
 1,4-Dioxane
 Concen: 19.989 ng
 RT: 2.55 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.6	51.6	77.4
43	23.8	19.8	29.6





#3

Pvridine

Concen: 19.048 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

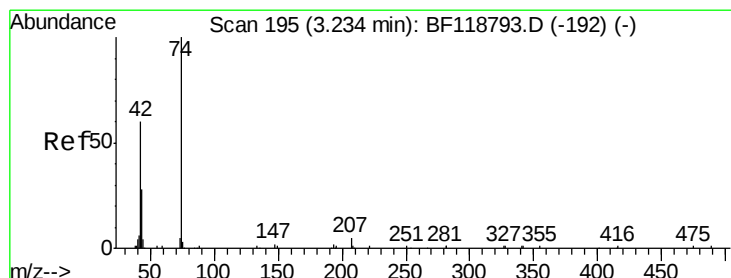
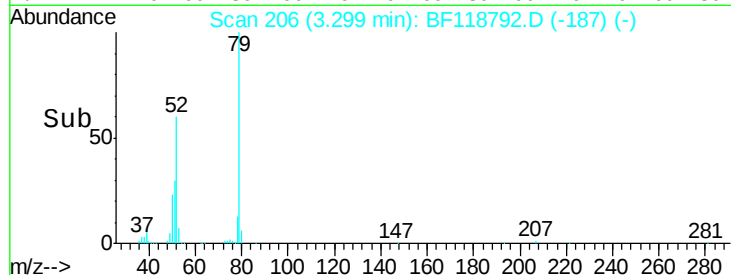
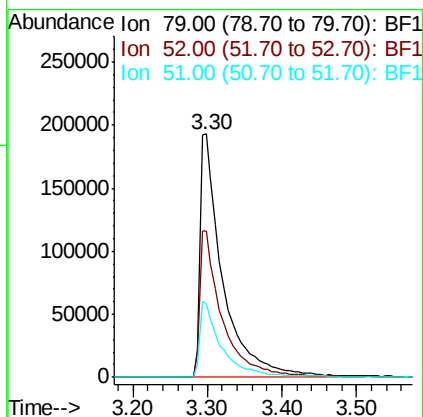
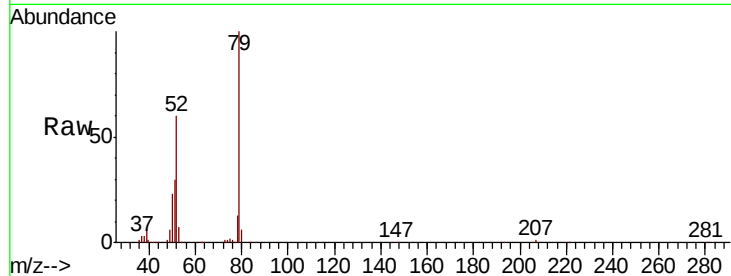
ClientSampleId :

SSTDIC020

Tot Ion:	79	Resp:	410338
Ion	Ratio	Lower	Upper
79	100		
52	60.2	47.4	71.0
51	29.9	24.2	36.4

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#4

n-Nitrosodimethylamine

Concen: 16.228 ng

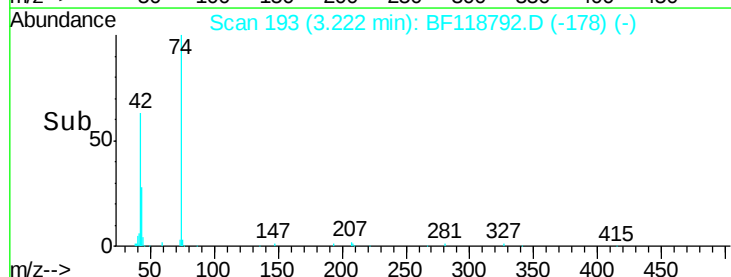
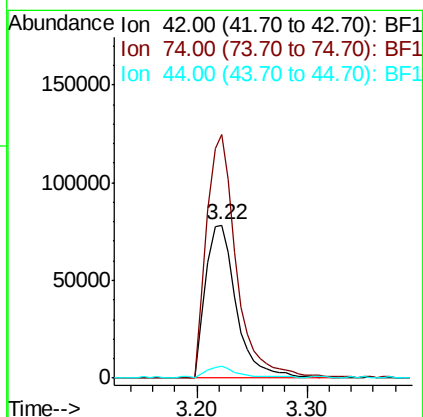
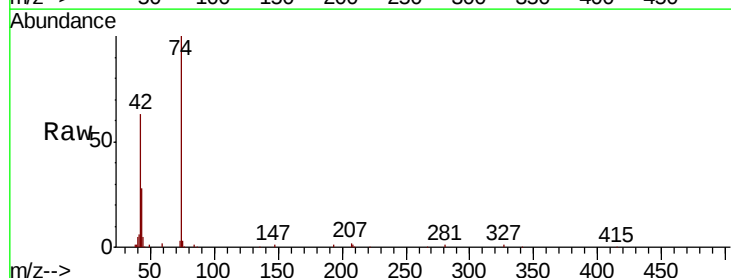
RT: 3.22 min Scan# 193

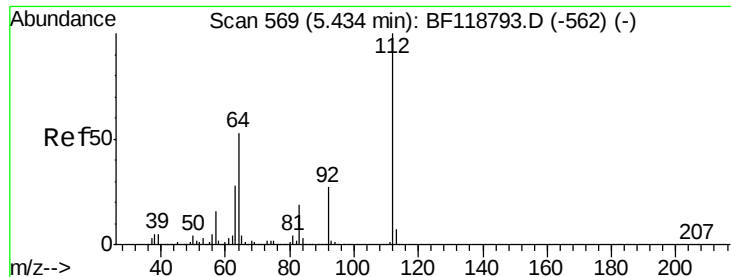
Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Tgt Ion:	42	Resp:	149872
Ion	Ratio	Lower	Upper
42	100		
74	159.2	124.3	186.5
44	7.4	5.3	7.9





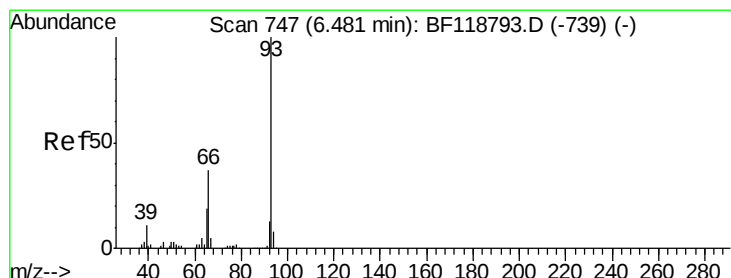
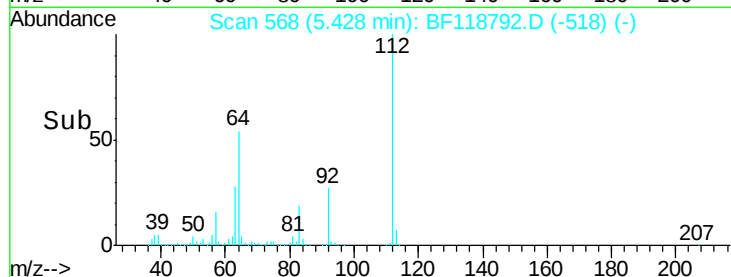
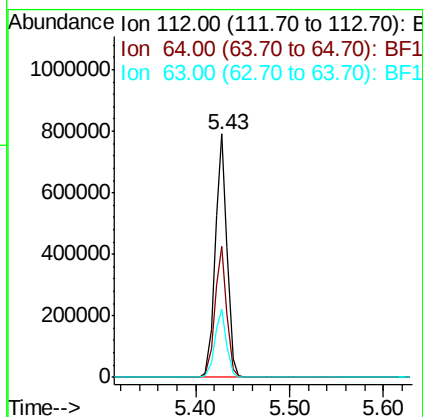
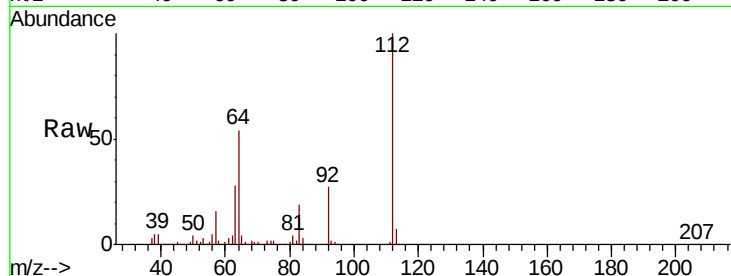
#5
2-Fluorophenol
Concen: 44.597 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		703750		
64	54.0	42.6	63.8		
63	28.2	22.2	33.4		

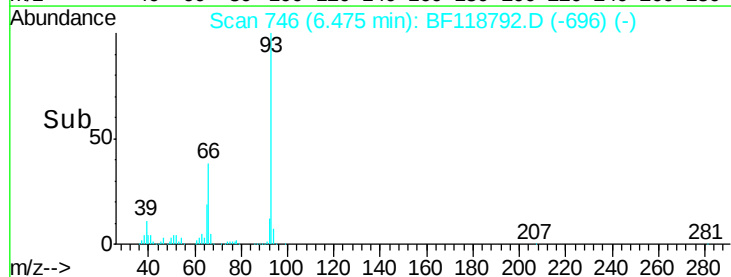
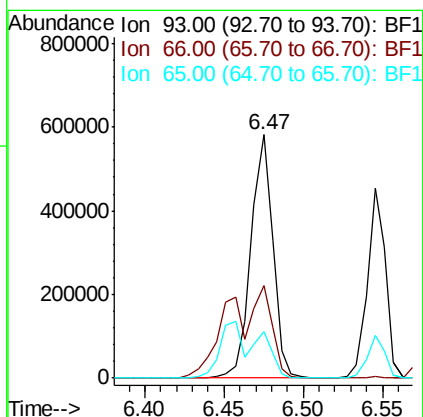
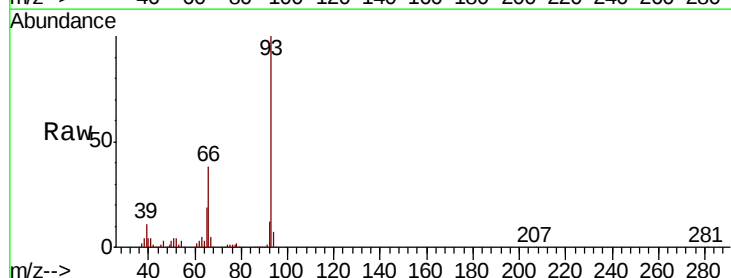
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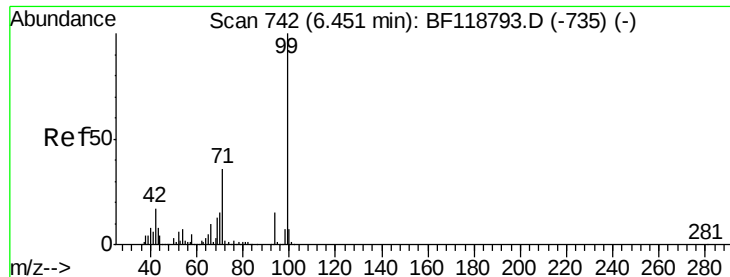
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#6
Aniline
Concen: 20.754 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		560509		
66	38.3	30.8	46.2		
65	19.1	15.4	23.0		





#7

Phenol-d6

Concen: 42.463 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

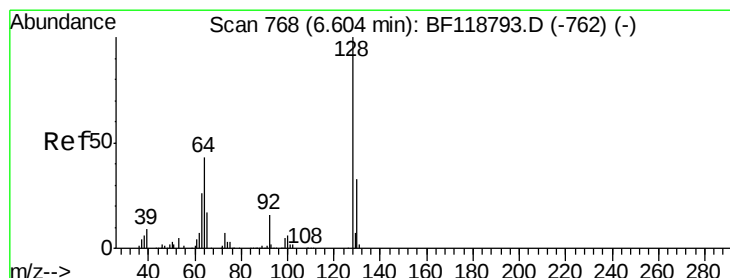
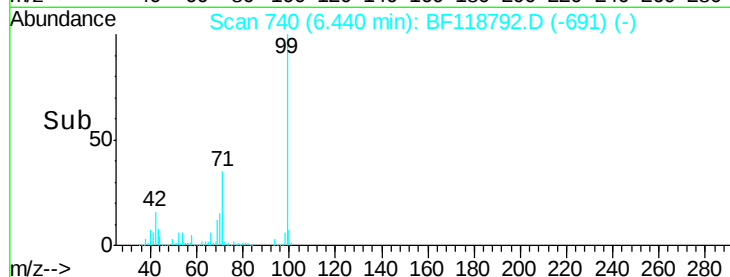
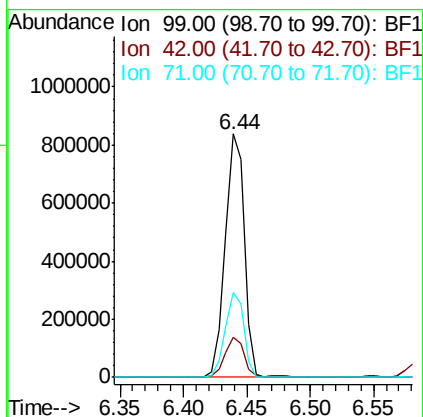
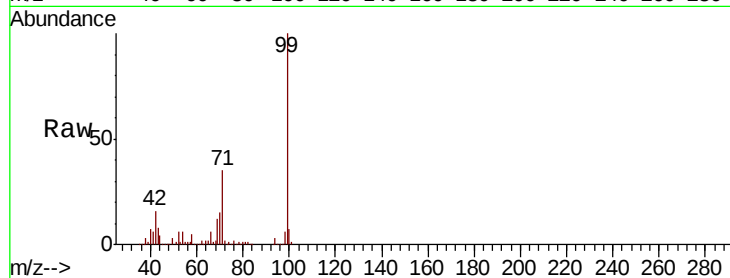
ClientSampleId :

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Tot Ion:	99	Resp:	870931
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.4	20.0
71	34.9	29.0	43.6

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#8

2-Chlorophenol

Concen: 21.913 ng

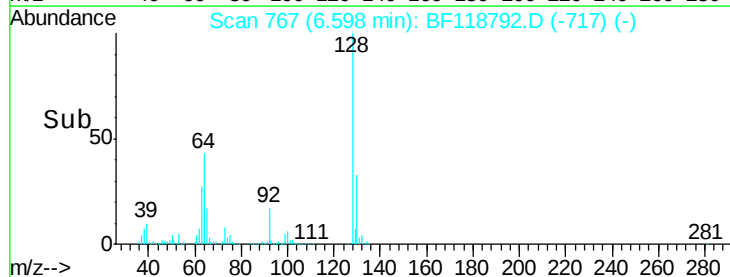
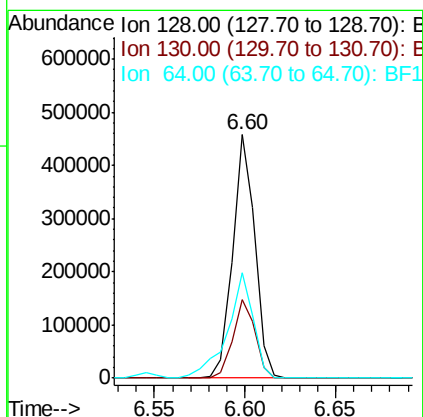
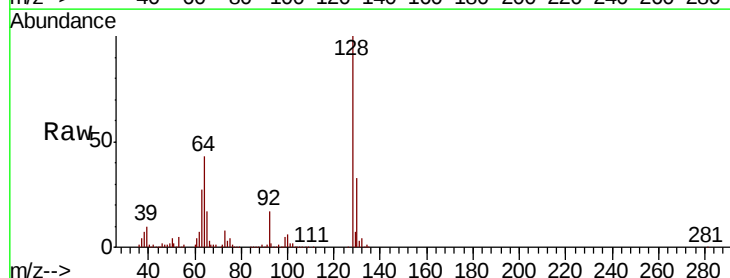
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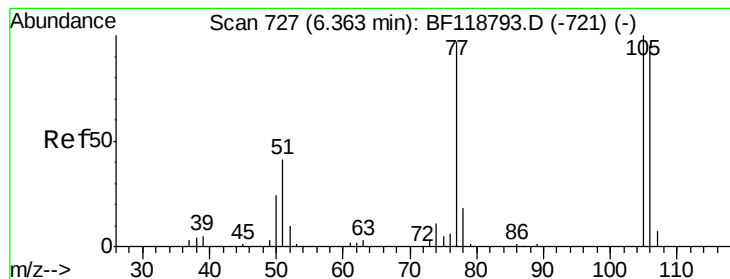
Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Tgt Ion:	128	Resp:	388129
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.1	53.1
64	43.2	23.0	63.0





#9

Benzaldehyde

Concen: 21.637 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

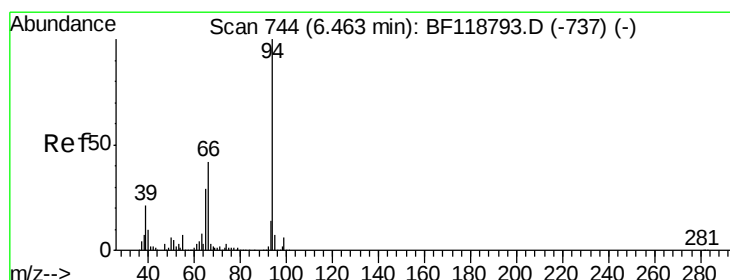
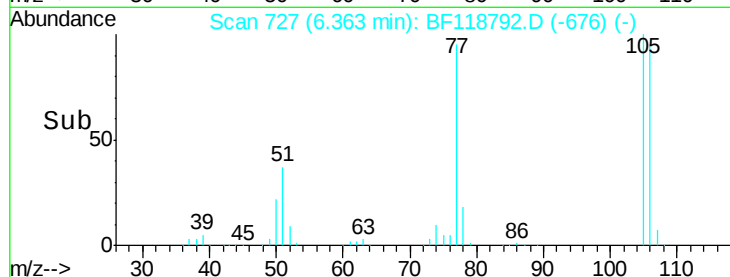
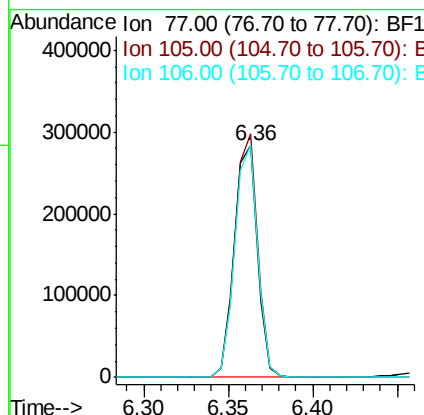
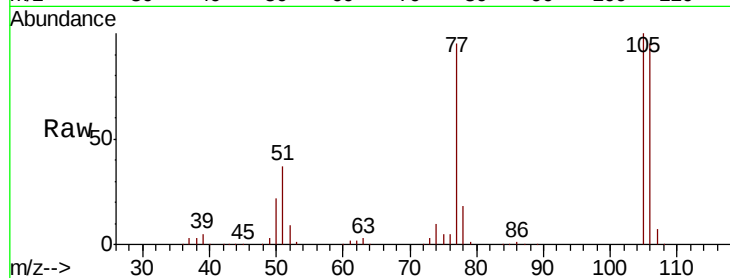
ClientSampleId :

SSTDICC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.1	82.8	122.8		
106	100.0	78.1	118.1		

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#10

Phenol

Concen: 20.981 ng

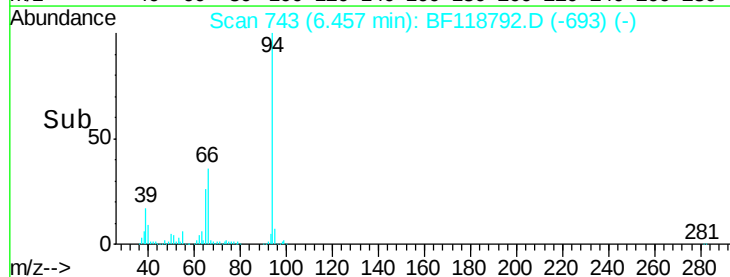
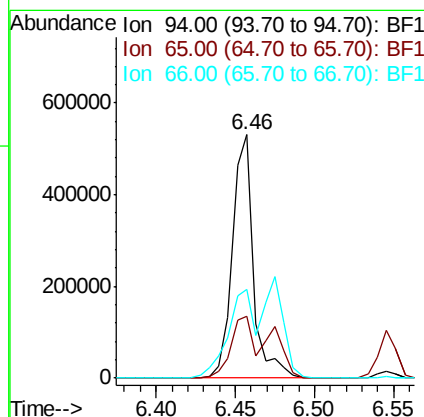
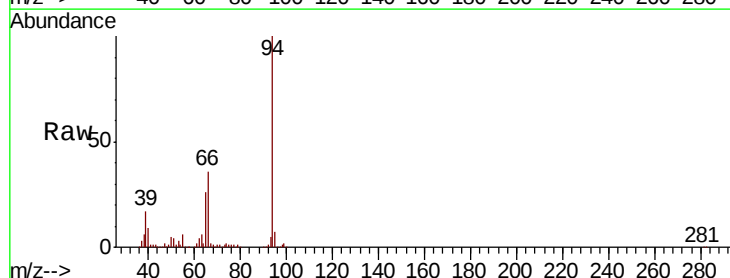
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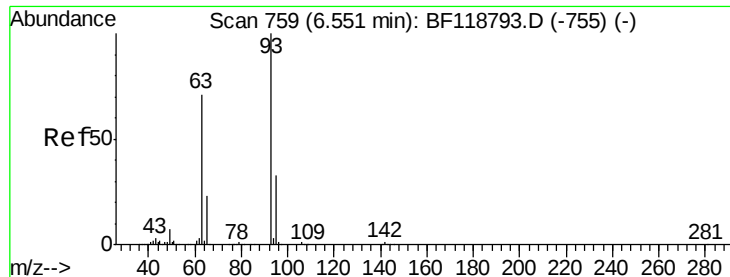
Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	25.6	9.1	49.1		
66	36.2	21.7	61.7		





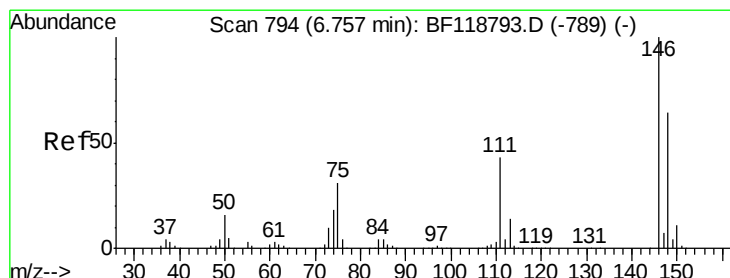
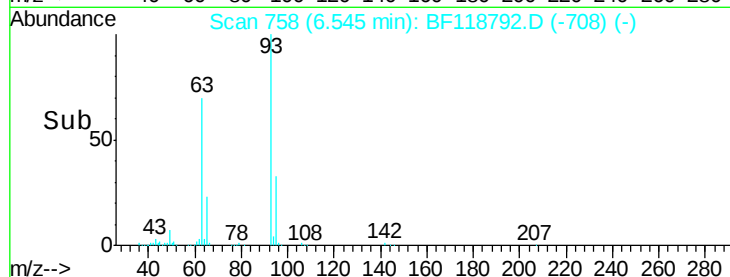
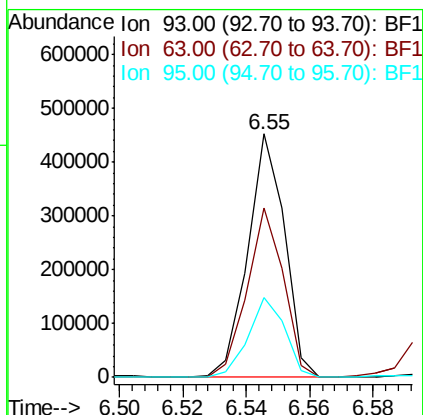
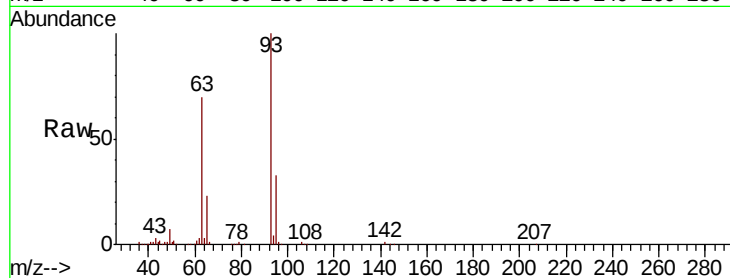
#11
bis(2-Chloroethyl)ether
Concen: 20.916 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	93	Resp:	362724
Ion	Ratio	Lower	Upper
93	100		
63	69.8	50.7	90.7
95	32.8	12.6	52.6

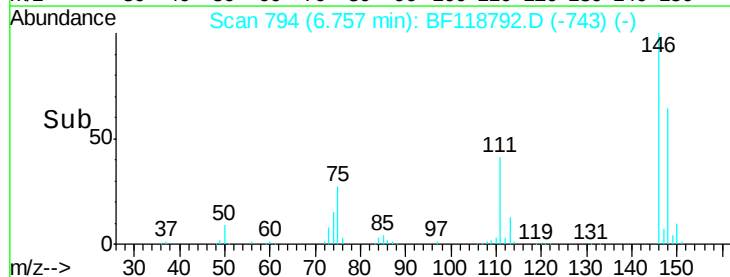
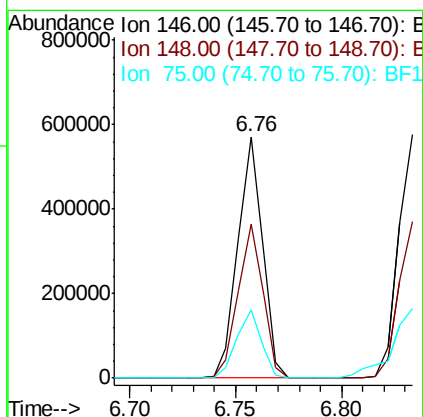
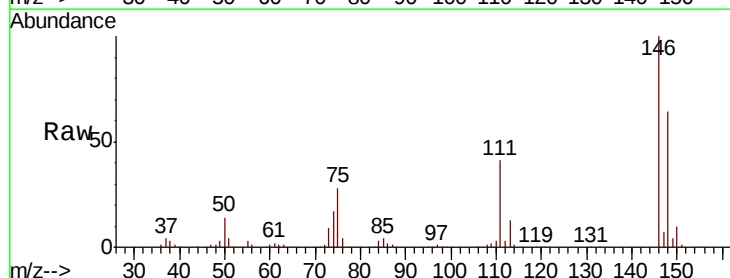
Manual Integrations
APPROVED

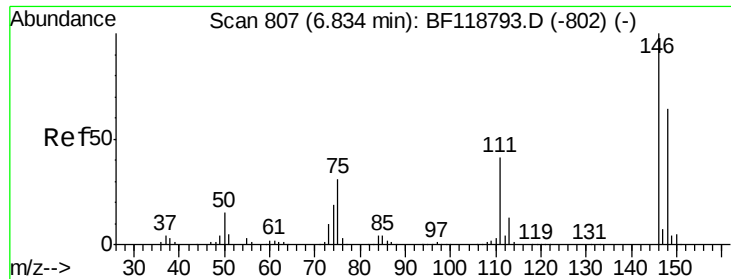
mohammad
2/4/2020 6:13:34 PM



#12
1,3-Dichlorobenzene
Concen: 22.284 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:	146	Resp:	461969
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
75	28.4	25.0	37.4





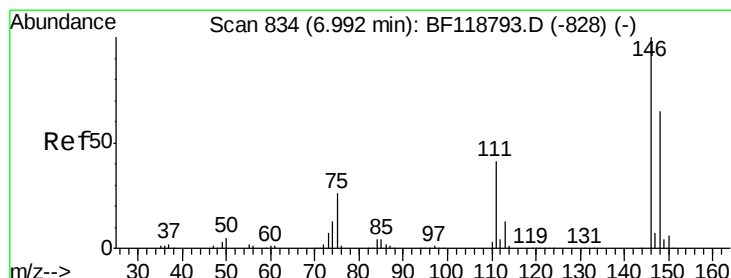
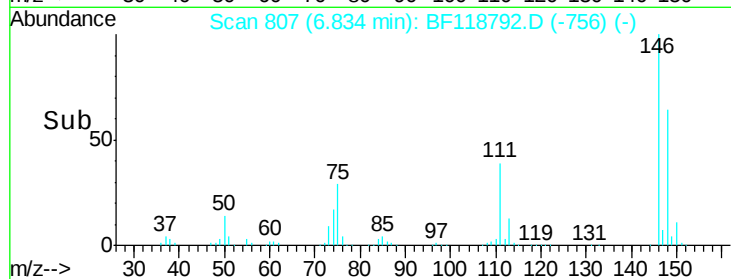
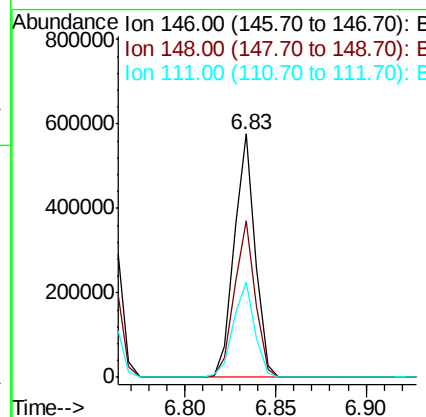
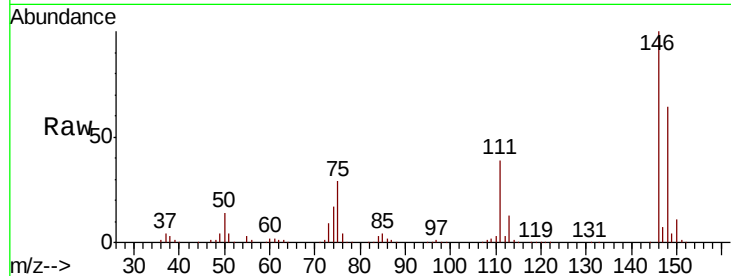
#13
1,4-Dichlorobenzene
Concen: 22.271 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	39.1	32.9	49.3

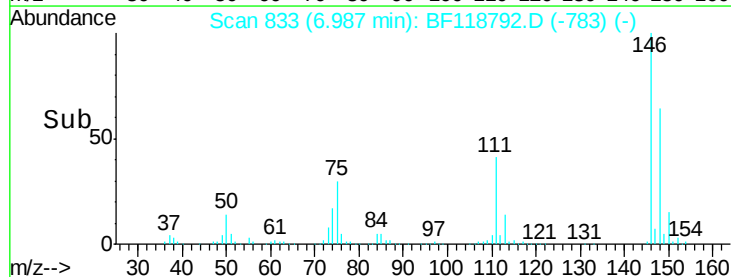
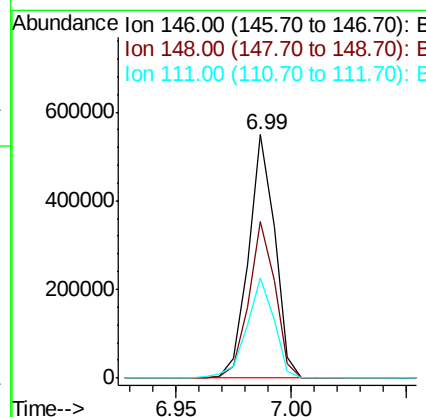
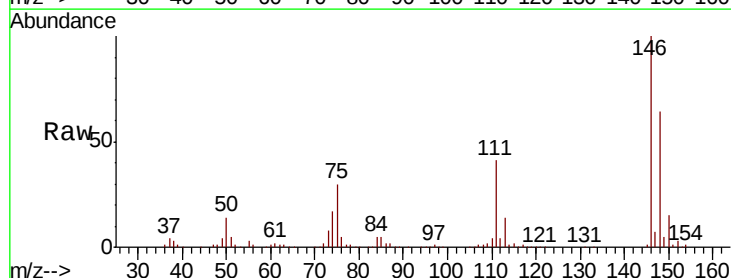
Manual Integrations
APPROVED

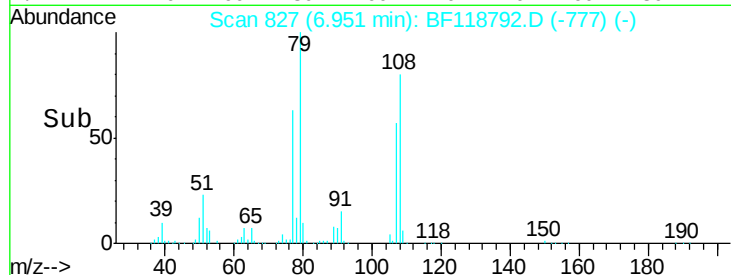
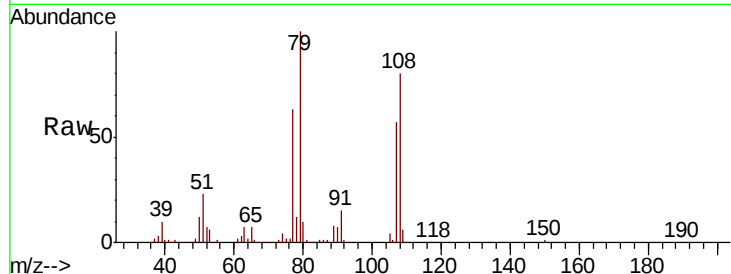
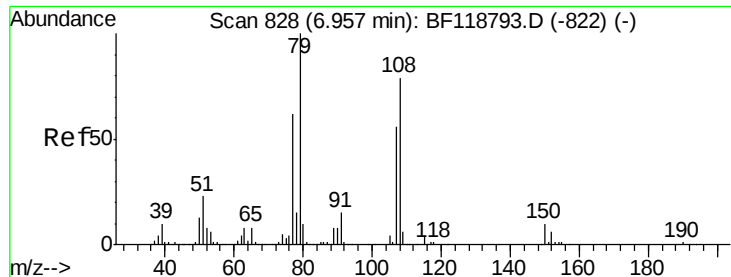
mohammad
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#14
1,2-Dichlorobenzene
Concen: 22.453 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.3	32.7	49.1





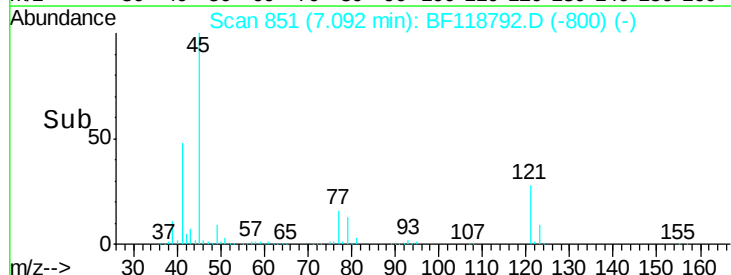
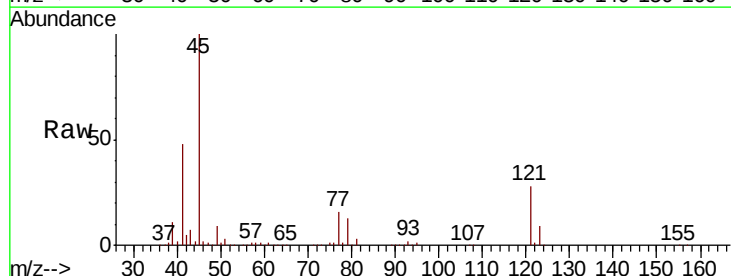
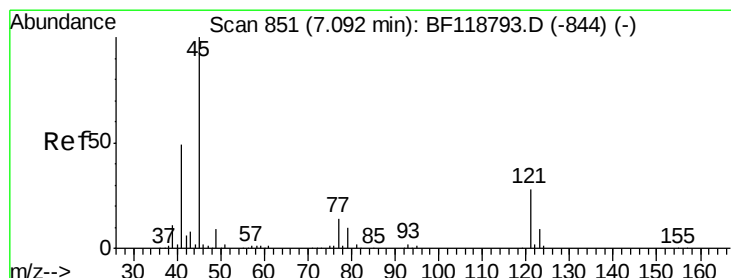
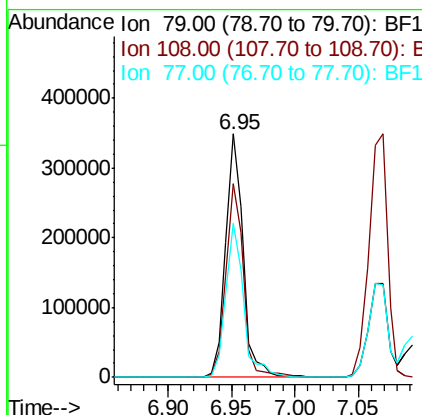
#15
Benzyl Alcohol
Concen: 20.614 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.6	62.9	94.3	
77	63.1	50.0	75.0	

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

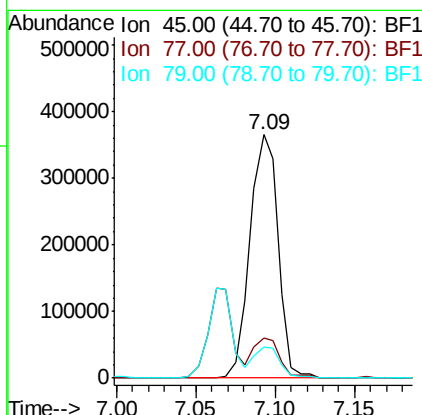
Manual Integrations
APPROVED

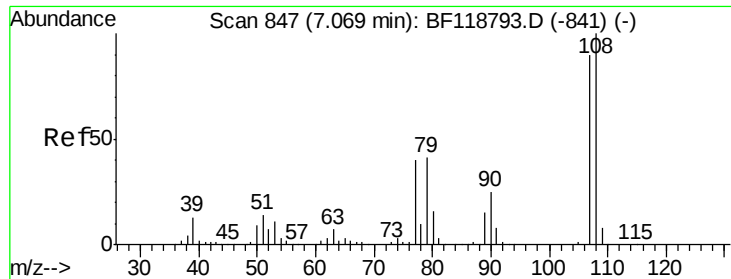
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.666 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	16.4	0.0	37.1	
79	12.8	0.0	33.1	





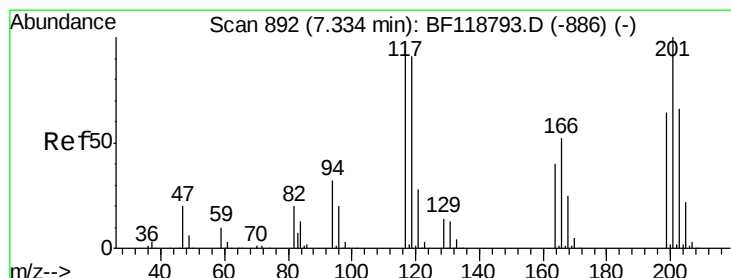
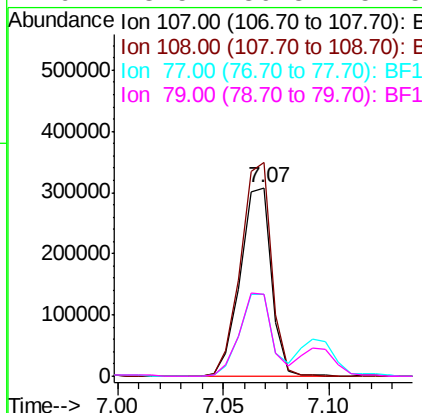
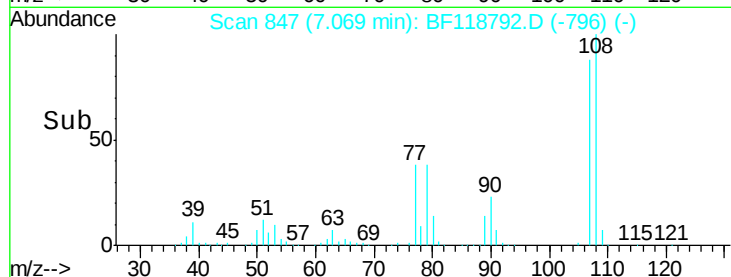
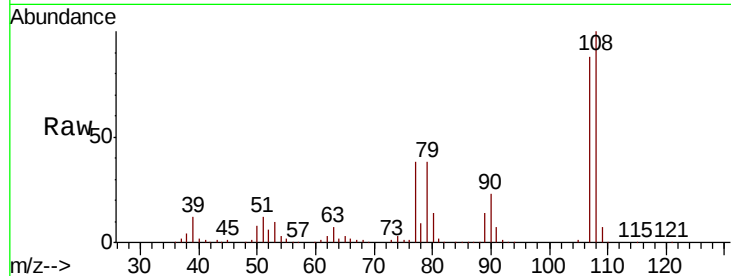
#17
2-Methylphenol
Concen: 21.314 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	107	Resp:	314466
Ion Ratio	Lower	Upper	
107	100		
108	113.5	89.3	133.9
77	43.3	36.2	54.2
79	43.5	36.3	54.5

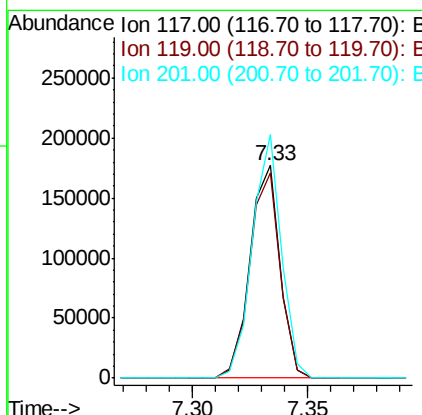
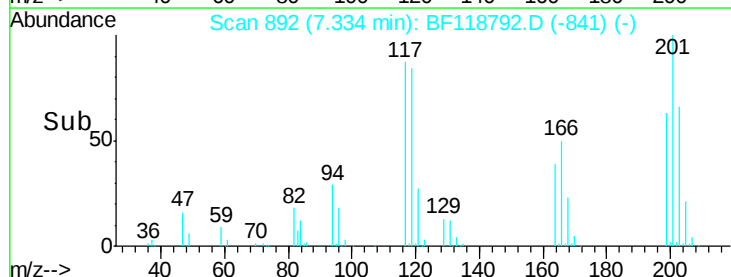
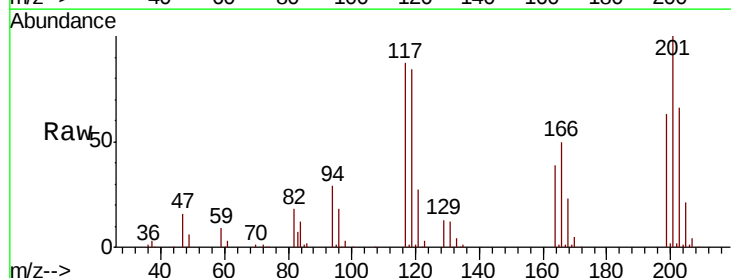
Manual Integrations
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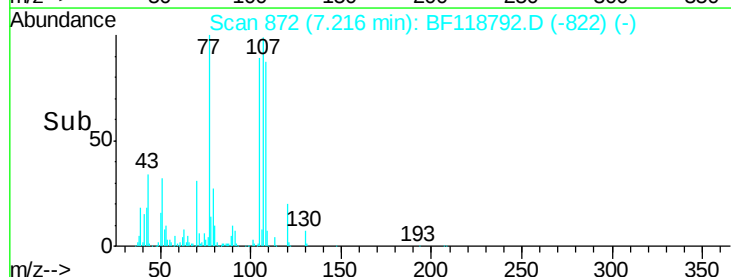
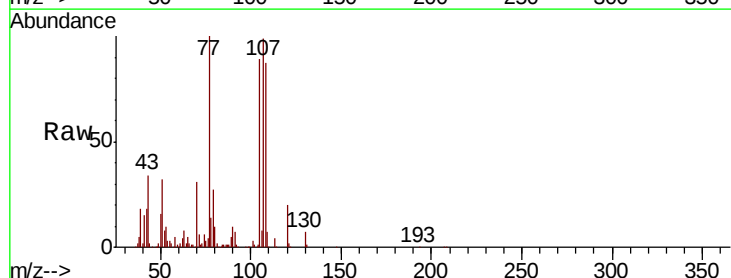
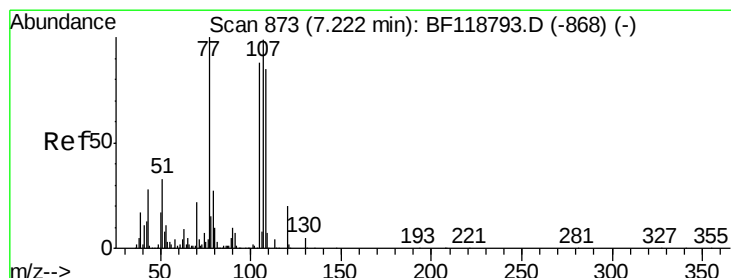
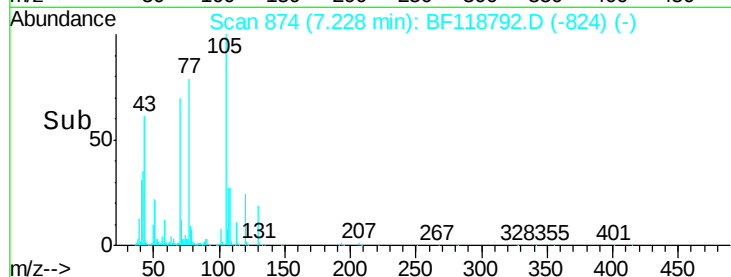
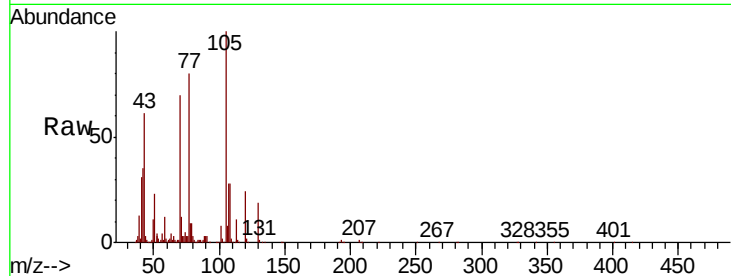
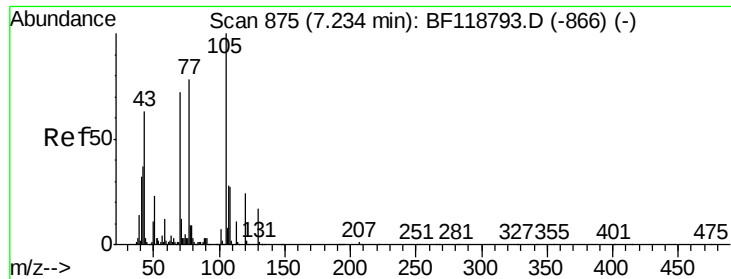
mohammad
2/4/2020 6:13:34 PM



#18
Hexachloroethane
Concen: 21.426 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

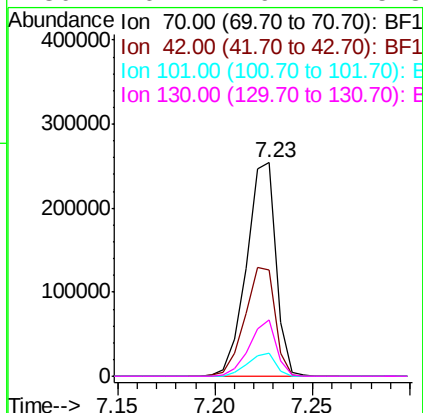
Tgt Ion:	117	Resp:	161682
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.4	116.0
201	114.6	85.1	127.7





#19
n-Nitroso-di-n-propylamine
Concen: 19.161 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.5	41.5	62.3
101	11.0	8.3	12.5
130	26.4	19.2	28.8



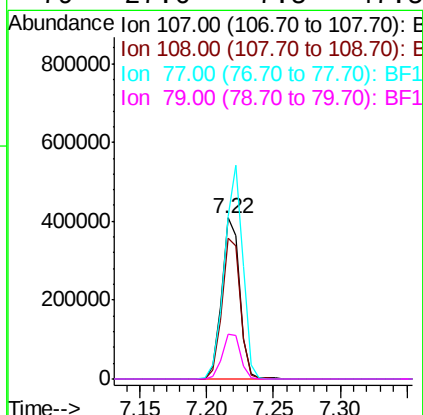
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

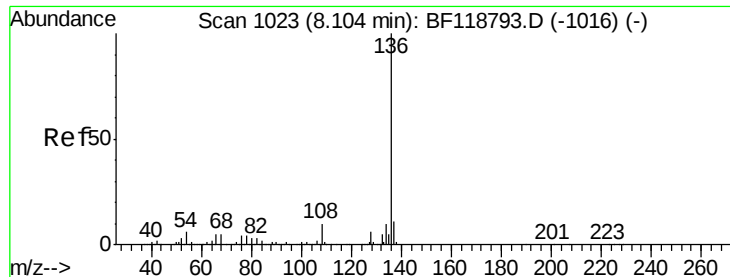
Manual Integrations
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#20
3+4-Methylphenols
Concen: 21.840 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	65.9	105.9
77	100.9	80.9	120.9
79	27.6	7.5	47.5





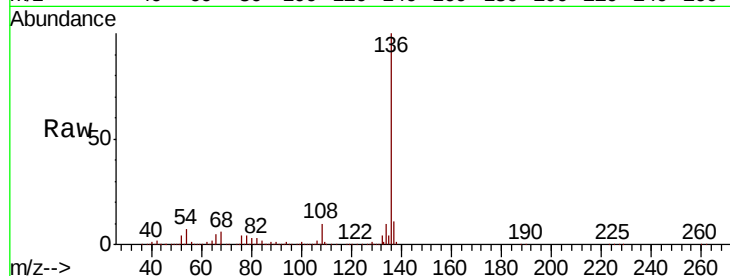
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

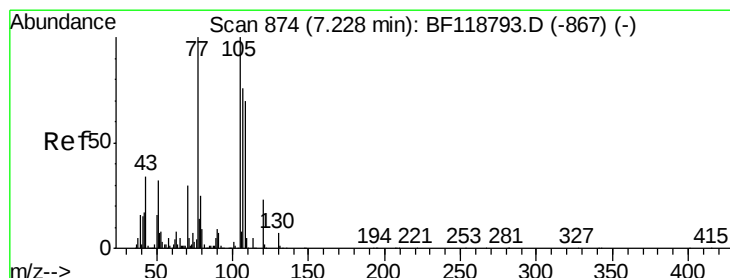
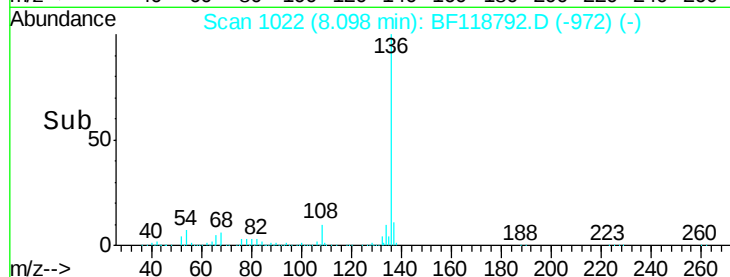
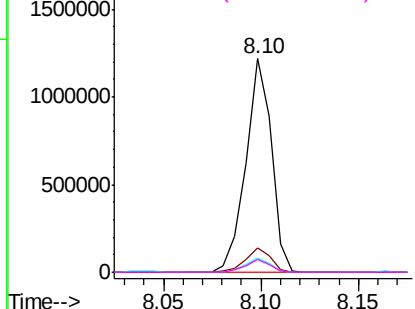
Tot Ion	136	Resp	1108482
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	6.9	5.0	7.6
68	6.0	4.2	6.4

Manual Integrations
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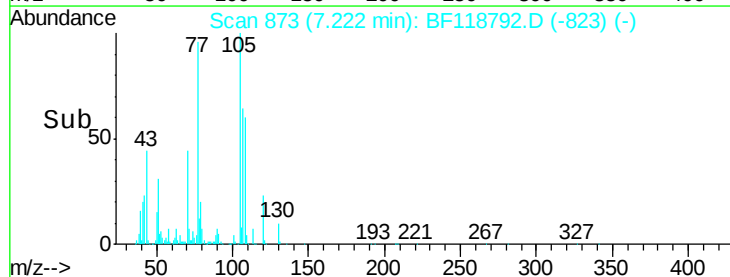
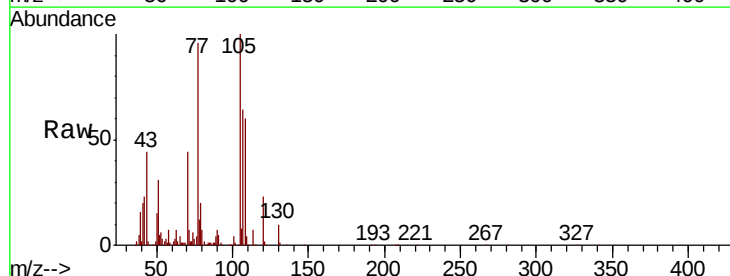
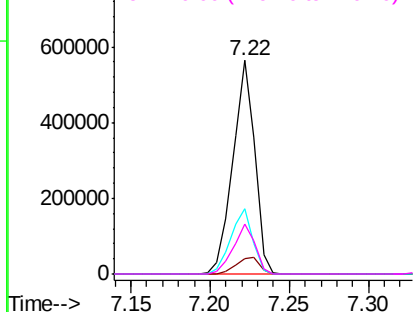
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

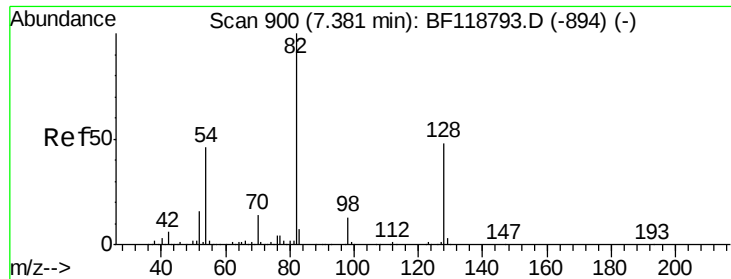


#22
Acetophenone
Concen: 20.559 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	105	Resp	539850
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.2	6.4#
51	30.6	25.5	38.3
120	23.4	18.6	28.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





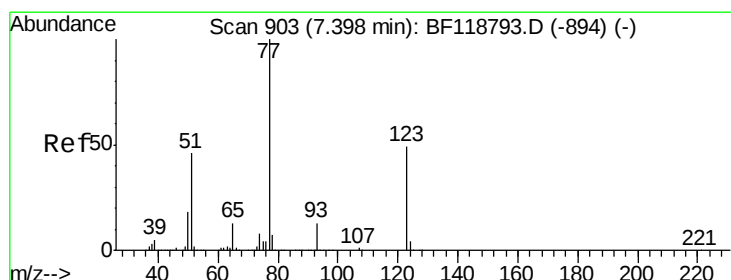
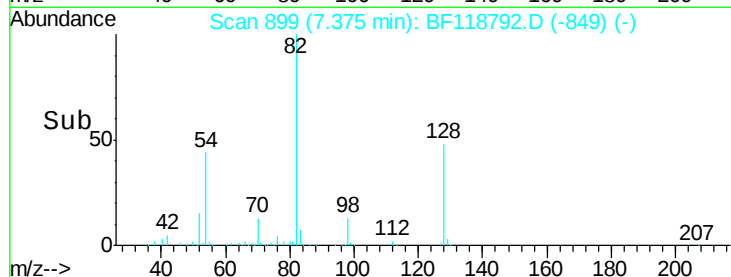
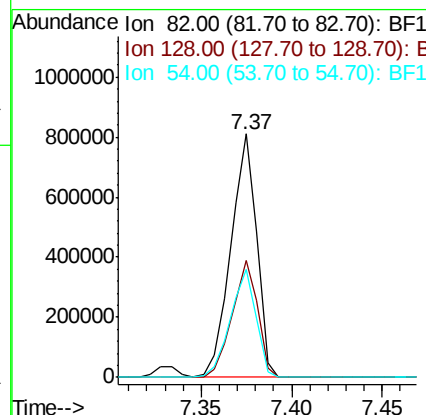
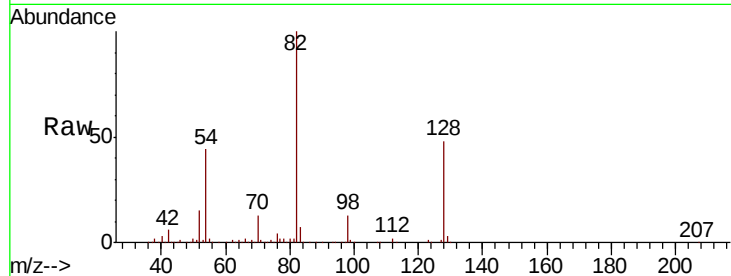
#23
Nitrobenzene-d5
Concen: 40.588 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	38.5	57.7	
54	44.3	36.7	55.1	

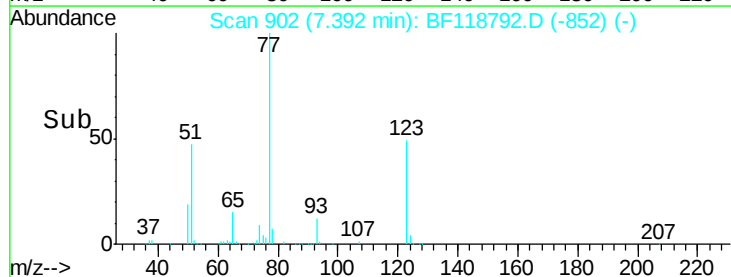
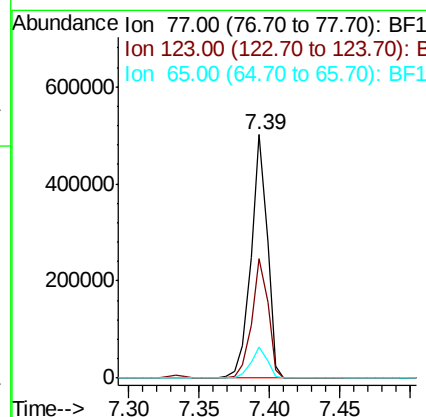
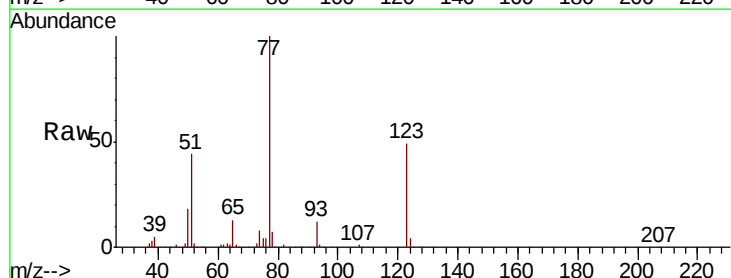
Manual Integrations
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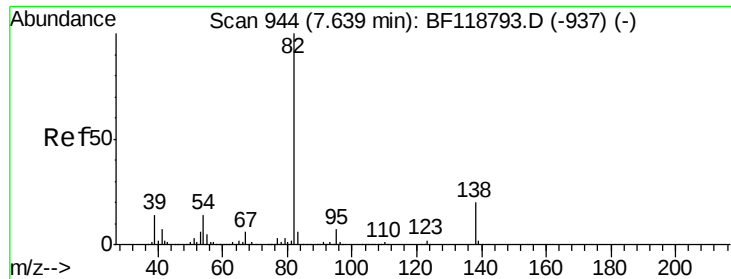
mohammad
2/4/2020 6:13:34 PM



#24
Nitrobenzene
Concen: 19.917 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.2	39.0	58.4	
65	13.0	10.6	15.8	





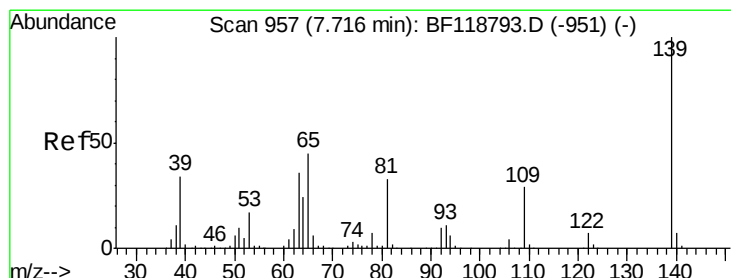
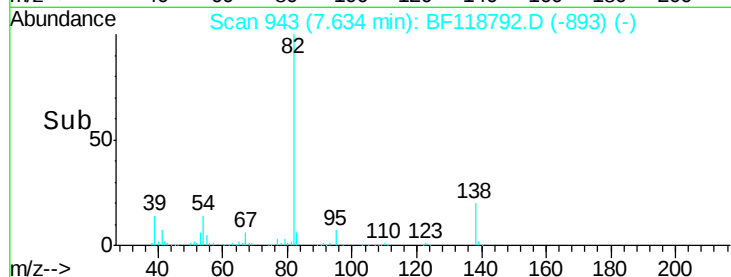
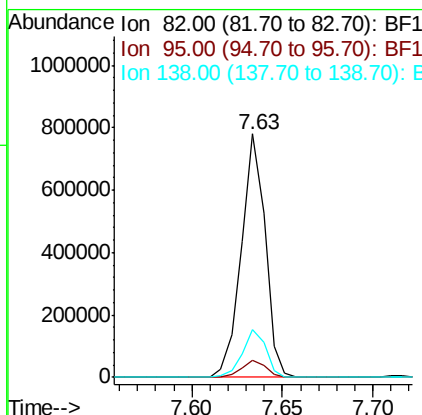
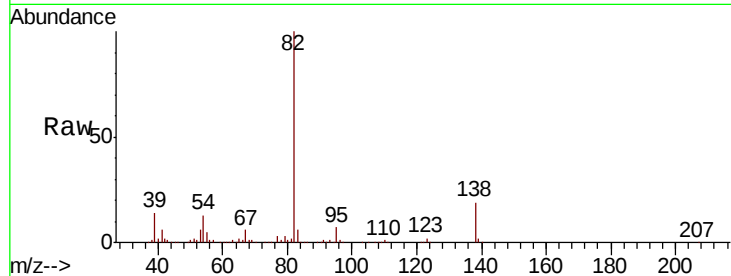
#25
Isophorone
Concen: 19.738 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	713463		
95	7.1	6.0	9.0	
138	19.5	15.7	23.5	

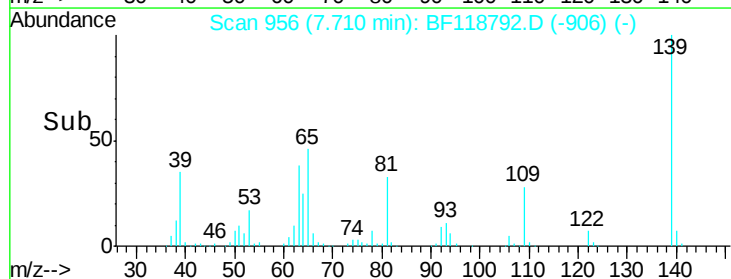
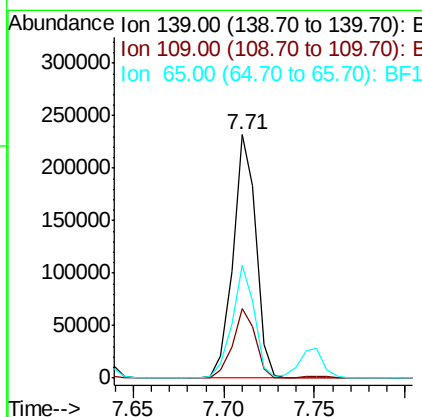
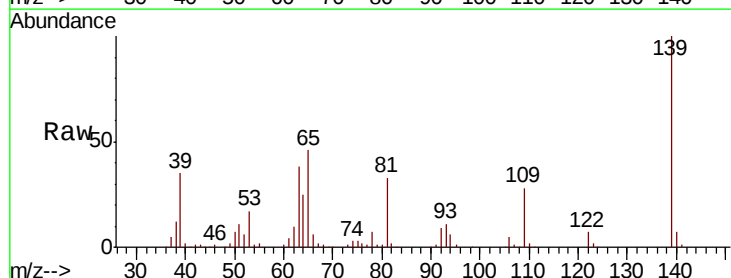
Manual Integrations
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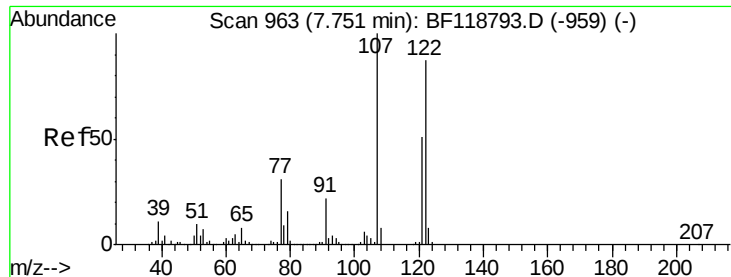
mohammad
2/4/2020 6:13:34 PM



#26
2-Nitrophenol
Concen: 23.538 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	203681		
109	28.3	23.4	35.0	
65	46.5	36.2	54.2	





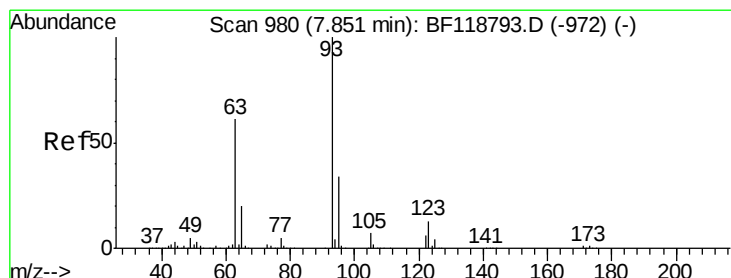
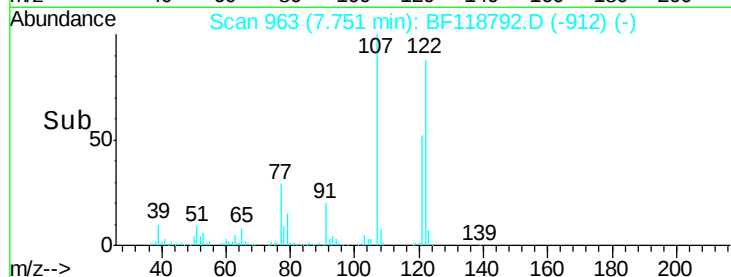
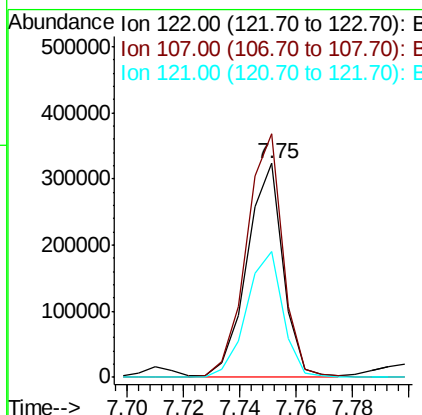
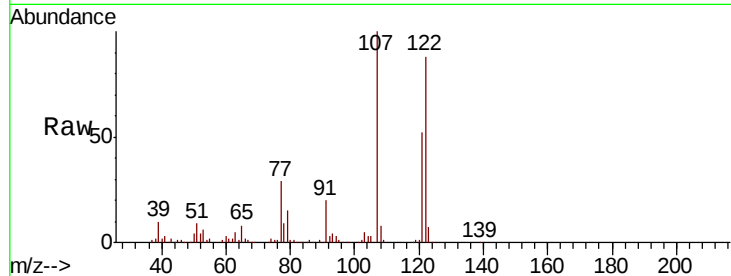
#27
2,4-Dimethylphenol
Concen: 19.184 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
122	100	286657		
107	113.7	92.2	138.2	
121	58.6	46.8	70.2	

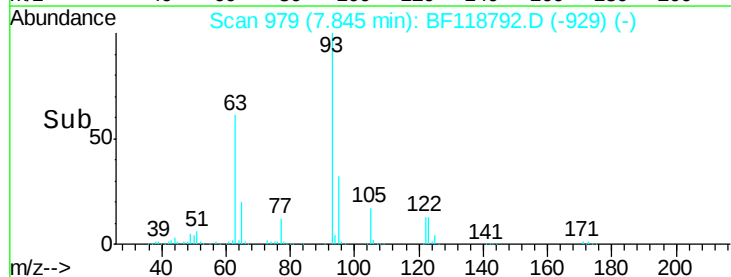
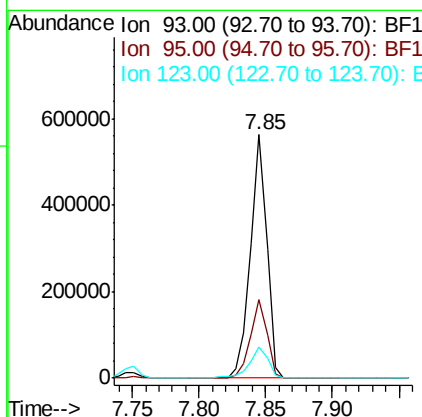
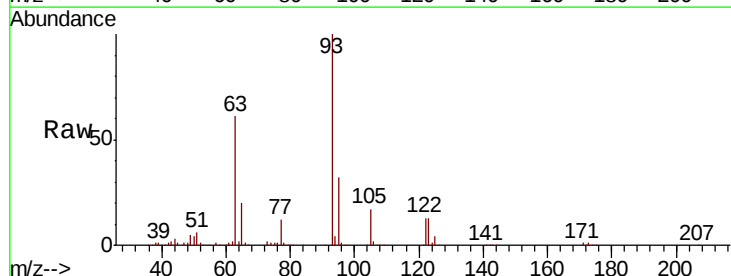
Manual Integrations
APPROVED

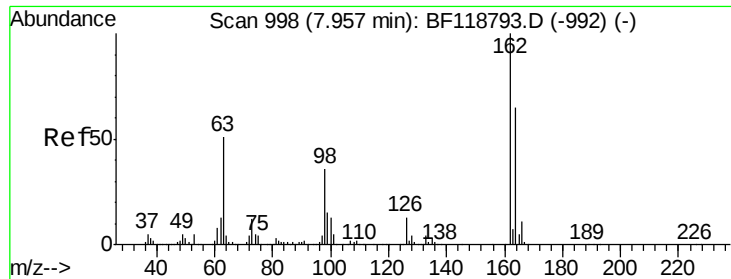
mohammad
2/4/2020 6:13:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 20.151 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	469338		
95	32.5	27.0	40.4	
123	12.6	10.6	15.8	





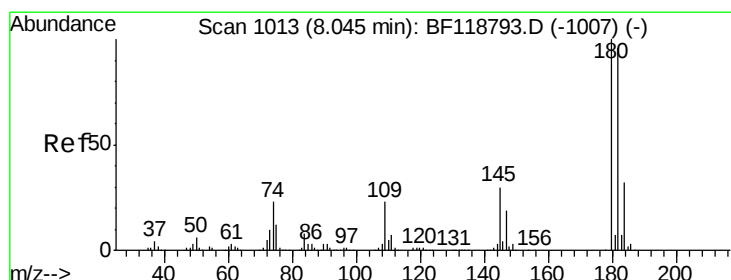
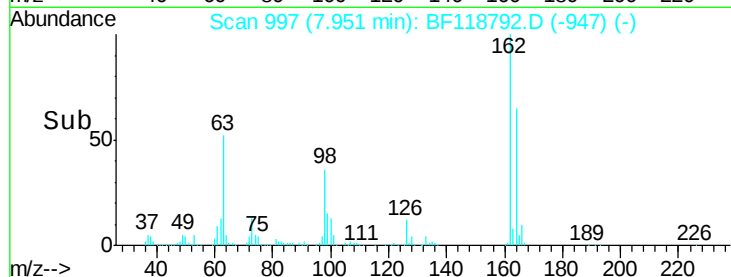
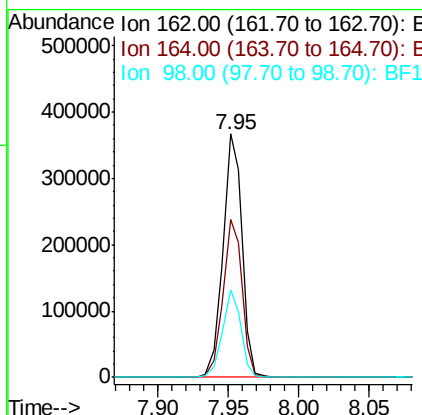
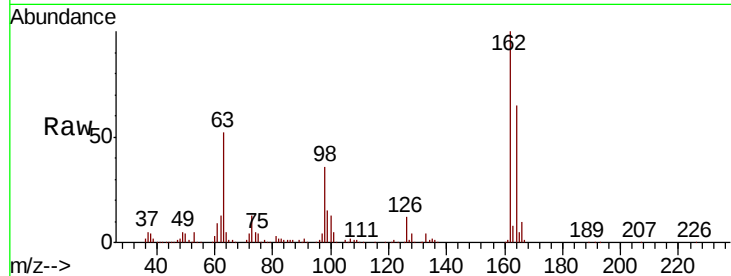
#29
 2,4-Dichlorophenol
 Concen: 20.842 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	162	Resp:	344270
Ion Ratio		Lower	Upper
162	100		
164	64.8	44.8	84.8
98	36.2	16.4	56.4

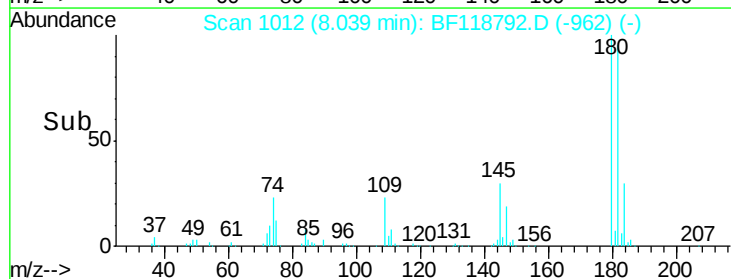
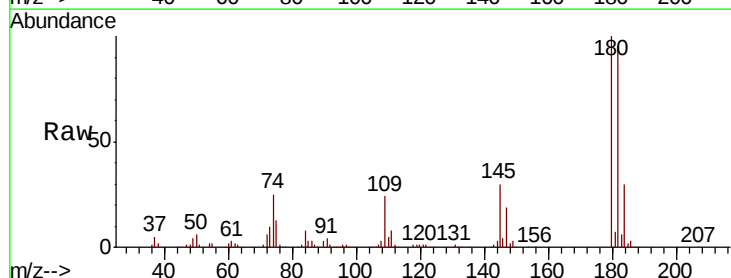
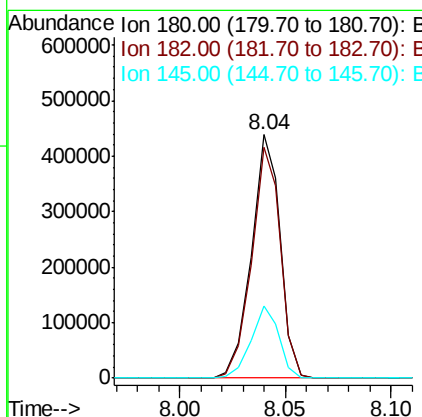
Manual Integrations
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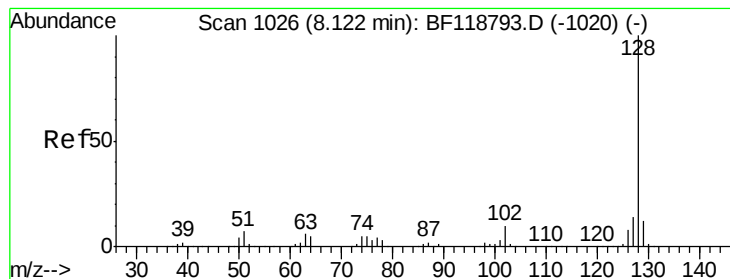
mohammad
 2/4/2020 6:13:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 21.604 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion:	180	Resp:	413787
Ion Ratio		Lower	Upper
180	100		
182	94.6	76.6	115.0
145	29.5	24.0	36.0





#31

Naphthalene

Concen: 23.008 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:128 Resp: 1152123

Ion Ratio Lower Upper

128 100

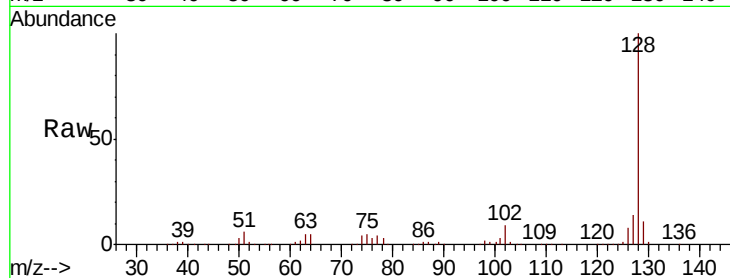
129 11.3 9.4 14.2

127 13.6 11.3 16.9

Manual Integrations
APPROVED

mohammad

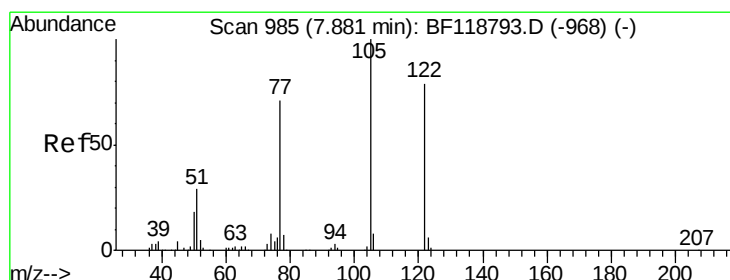
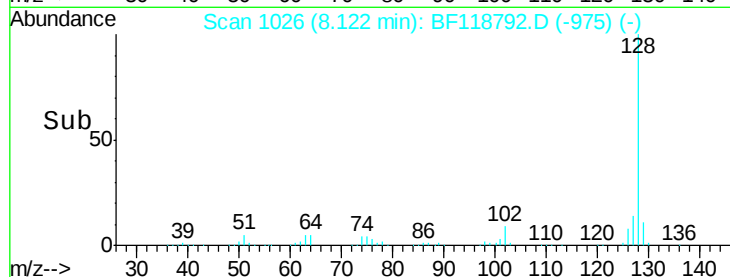
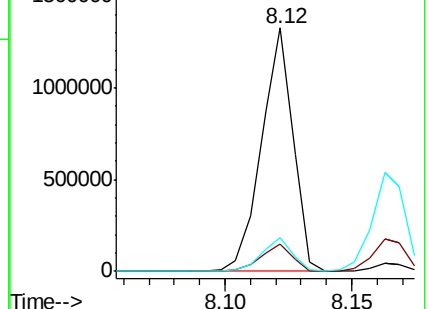
2/4/2020 6:13:34 PM



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: 18.766 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.04 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

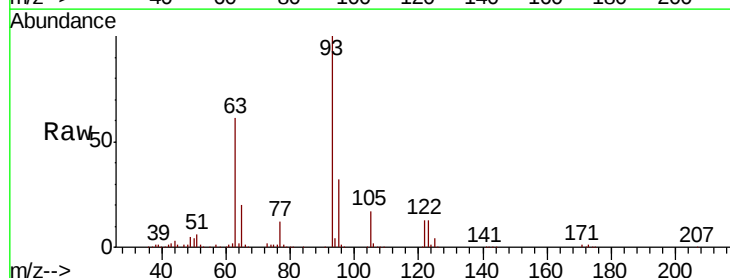
Tgt Ion:122 Resp: 210452

Ion Ratio Lower Upper

122 100

105 123.1 104.4 144.4

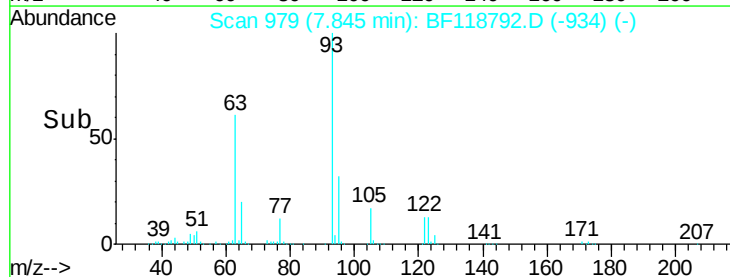
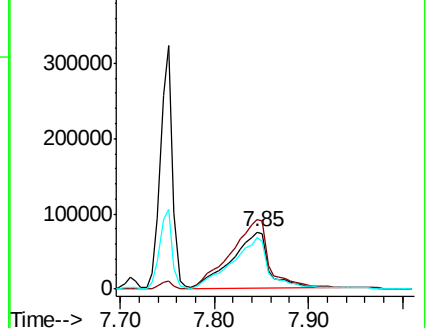
77 91.8 69.3 109.3

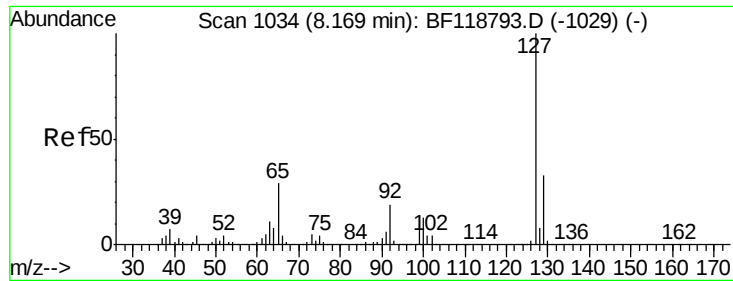


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





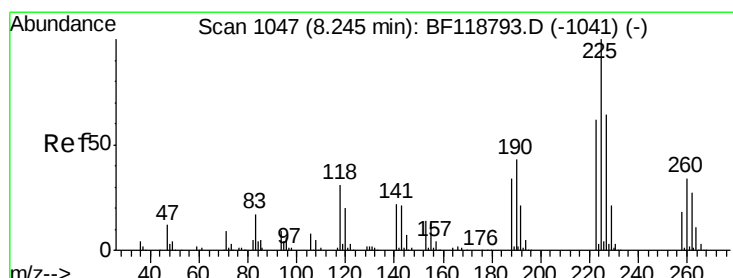
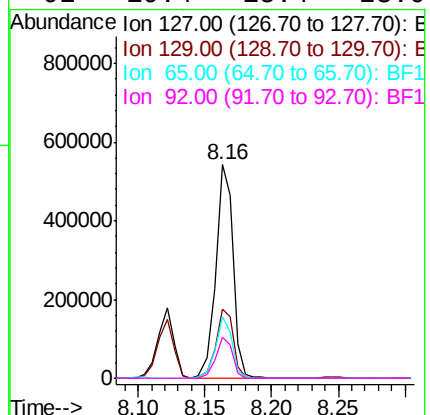
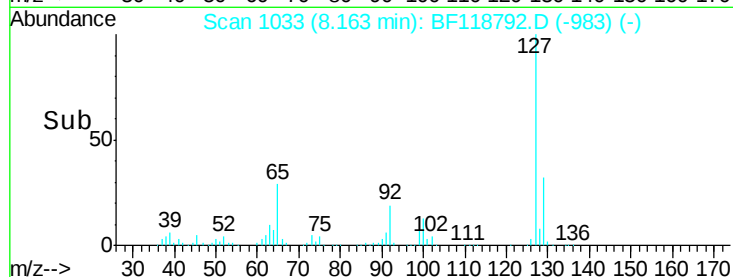
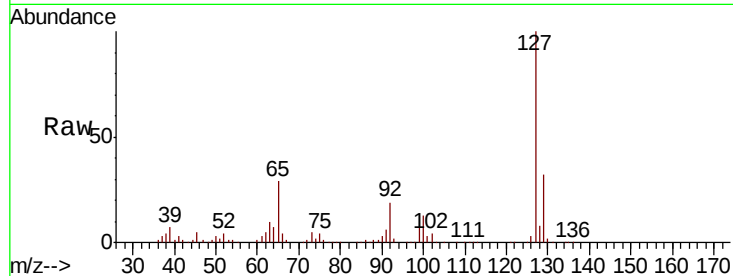
#33
4-Chloroaniline
Concen: 21.387 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.7	40.1		
65	28.7	22.9	34.3		
92	19.4	15.4	23.0		

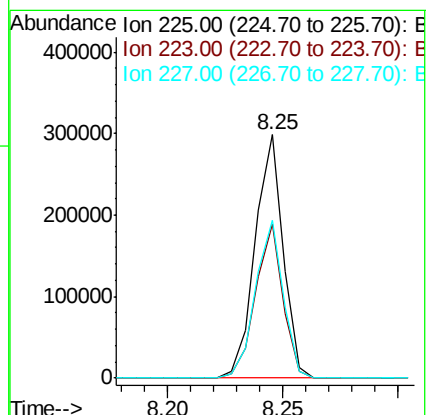
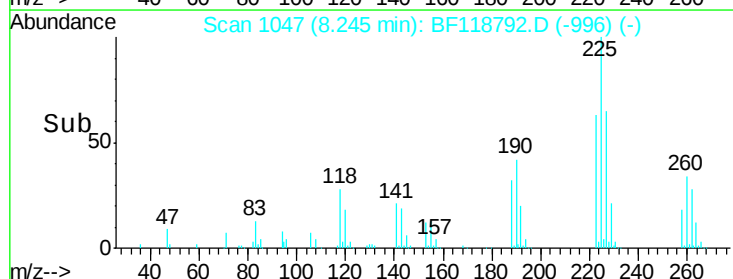
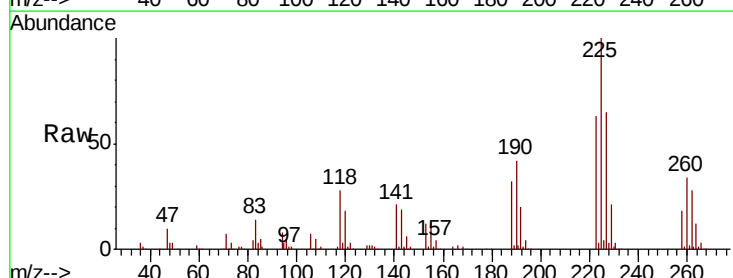
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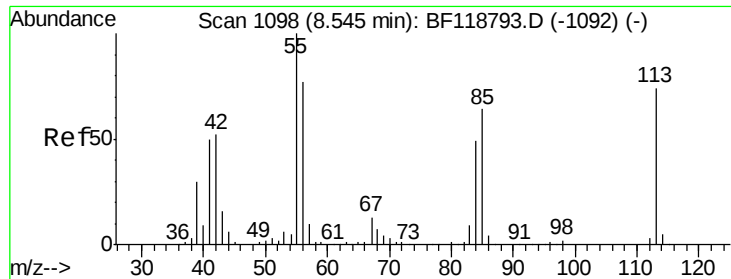
mohammad
2/4/2020 6:13:34 PM



#34
Hexachlorobutadiene
Concen: 21.695 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.8	74.8		
227	65.0	51.0	76.4		





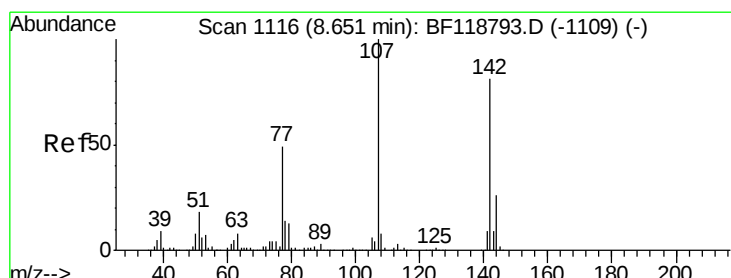
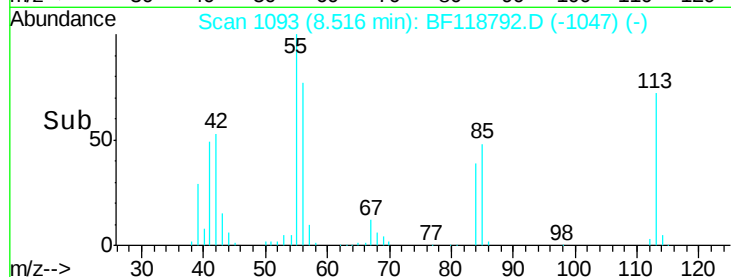
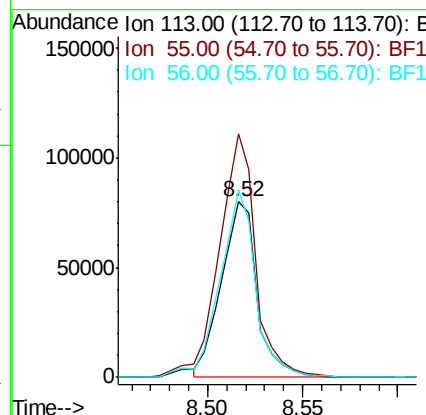
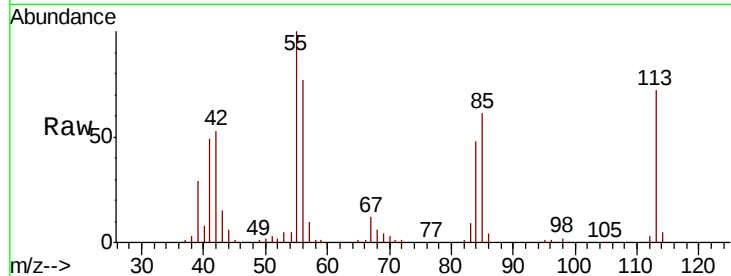
#35
Caprolactam
Concen: 19.404 ng/ml
RT: 8.52 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.9	115.5	155.5
56	106.5	83.7	123.7

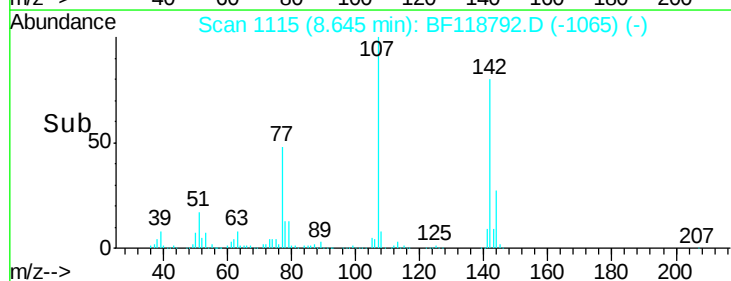
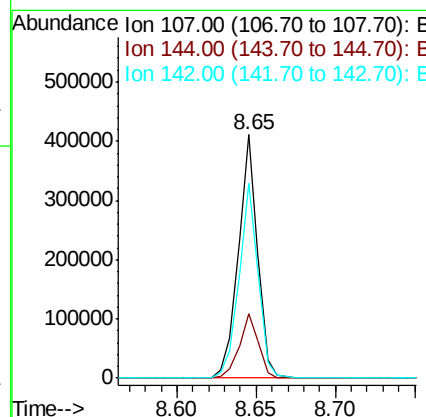
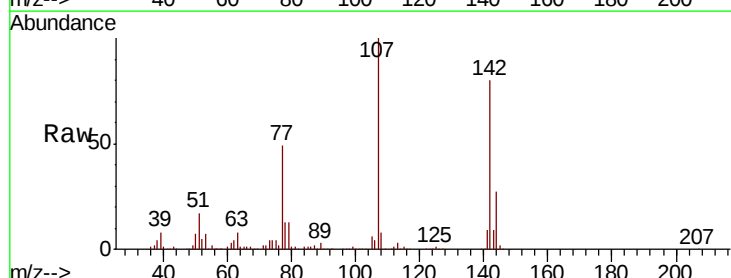
Manual Integrations
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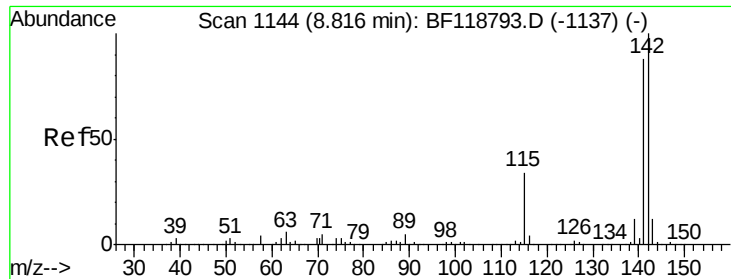
mohammad
2/4/2020 6:13:34 PM



#36
4-Chloro-3-methylphenol
Concen: 21.305 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.0	31.6
142	80.1	64.8	97.2





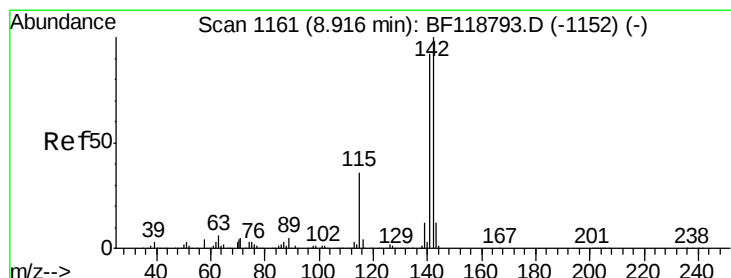
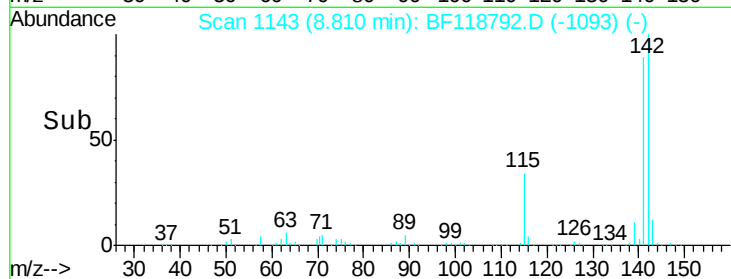
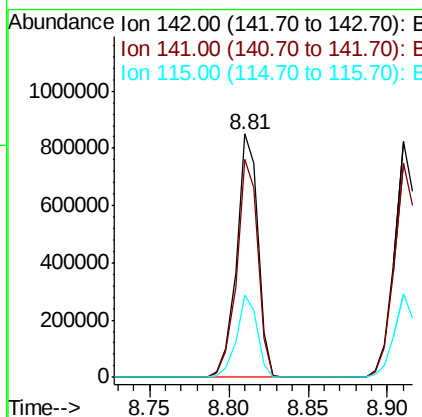
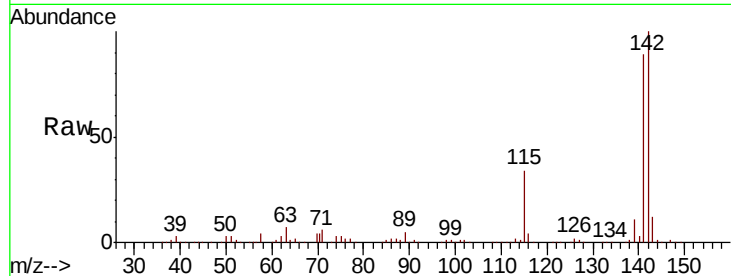
#37
 2-Methylnaphthalene
 Concen: 22.476 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	142	Resp:	794425
Ion Ratio	Lower	Upper	
142	100		
141	89.3	70.1	105.1
115	33.8	27.3	40.9

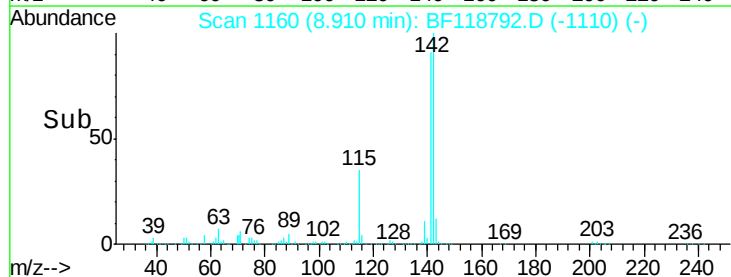
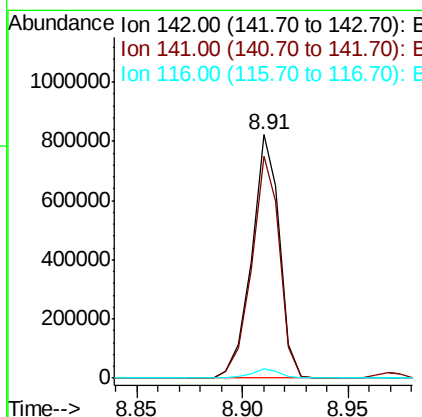
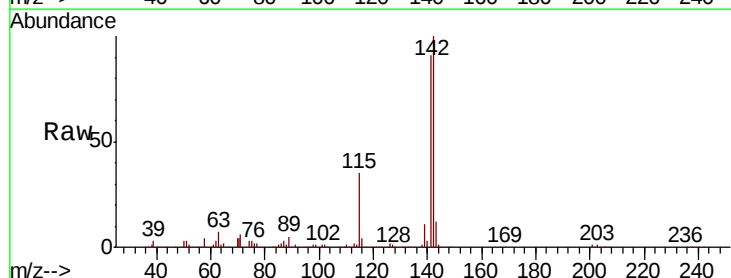
Manual Integrations
 APPROVED

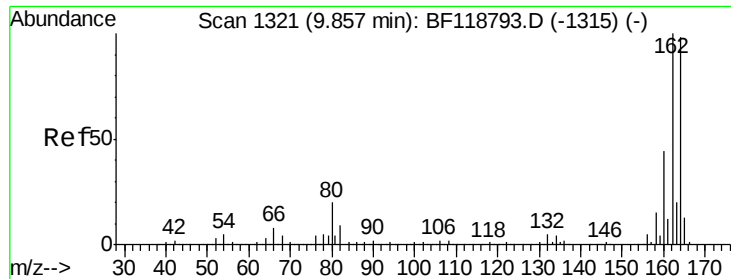
mohammad
 2/4/2020 6:13:34 PM



#38
 1-Methylnaphthalene
 Concen: 22.281 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion:	142	Resp:	748190
Ion Ratio	Lower	Upper	
142	100		
141	91.1	73.8	110.6
116	3.8	3.0	4.4





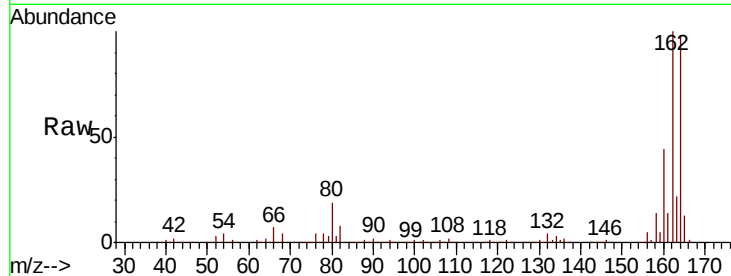
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.2
160	44.7	35.6	53.4

Manual Integrations
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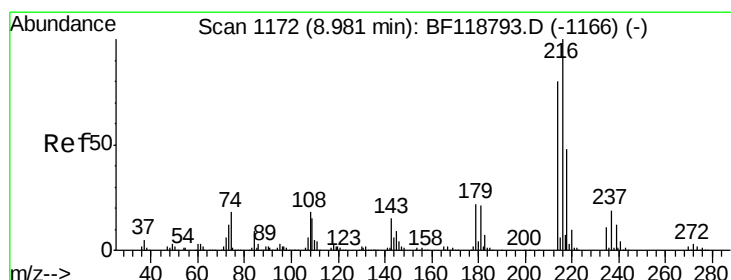
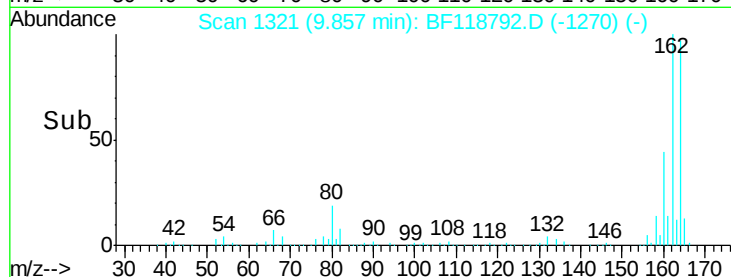
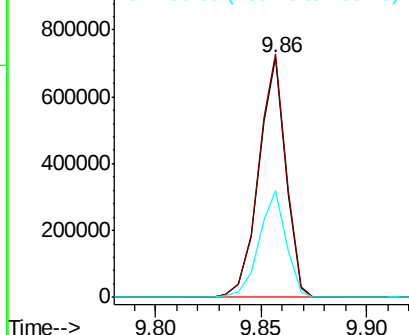


Abundance

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: 21.613 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.8	17.0	25.6
108	15.8	13.5	20.3

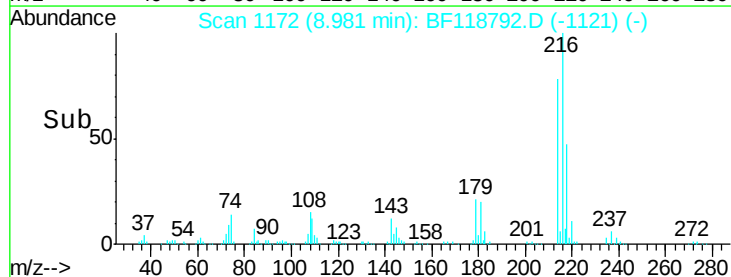
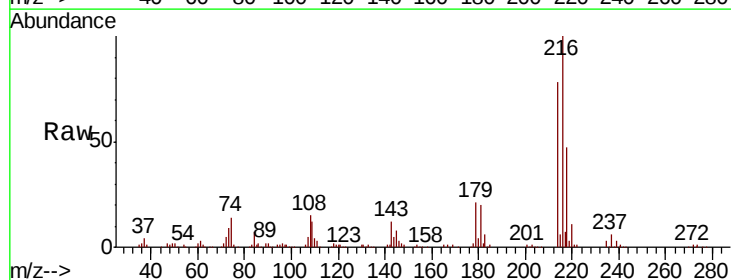
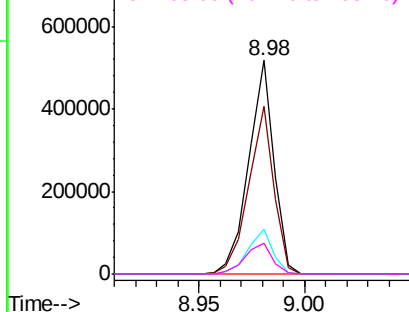
Abundance

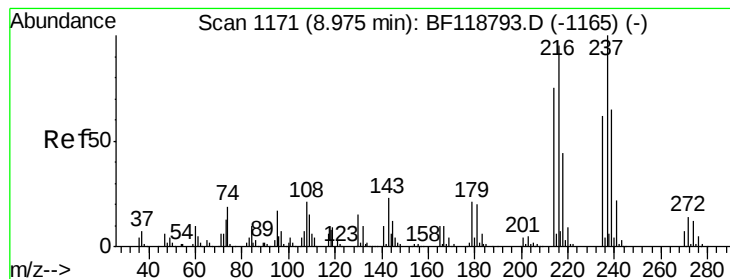
Ion 216.00 (215.70 to 216.70): E

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





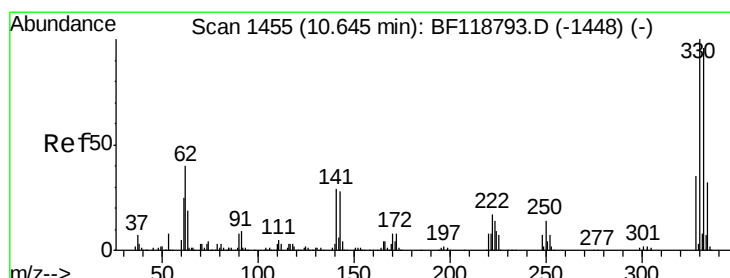
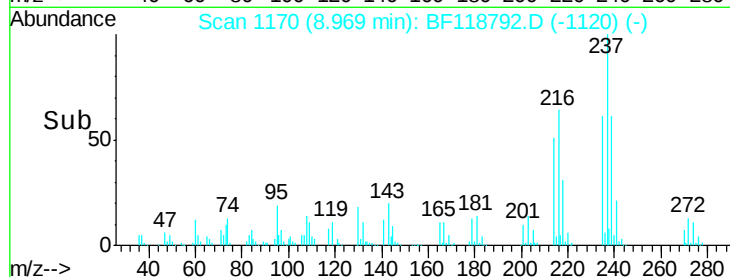
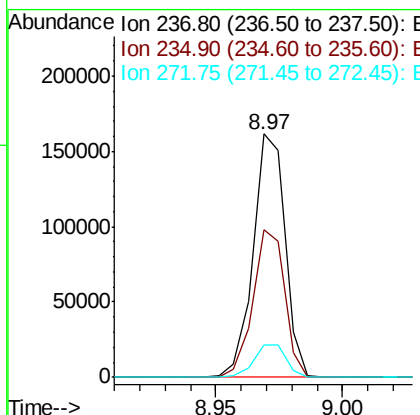
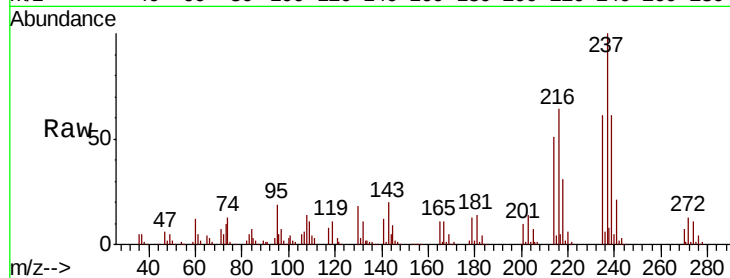
#41
Hexachlorocyclopentadiene
Concen: 14.138 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	237	Resp:	142378
Ion Ratio	Lower	Upper	
237	100		
235	60.7	42.1	82.1
272	13.5	0.0	34.4

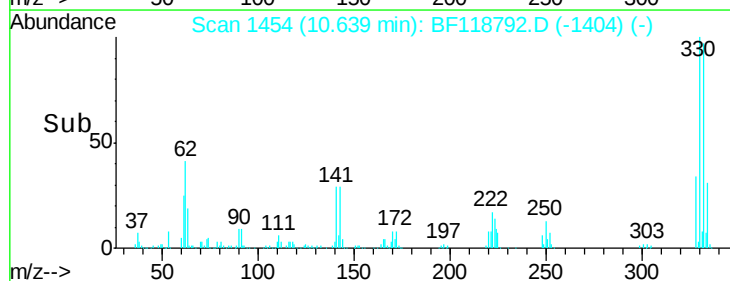
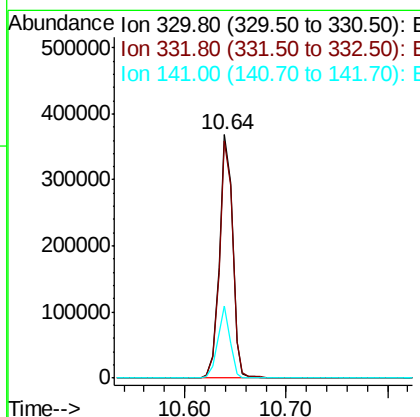
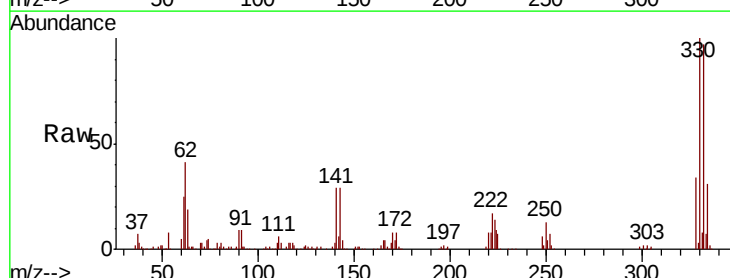
Manual Integrations
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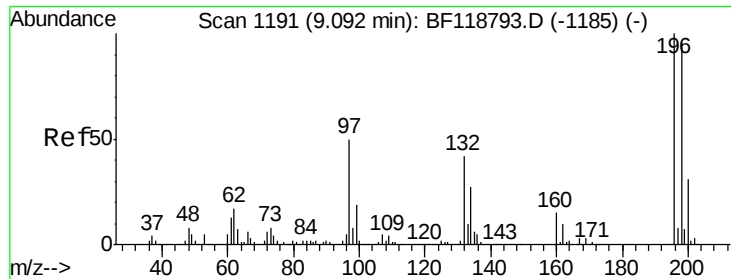
mohammad
2/4/2020 6:13:34 PM



#42
2,4,6-Tribromophenol
Concen: 45.372 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:	330	Resp:	334764
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.3	115.9
141	27.8	22.4	33.6





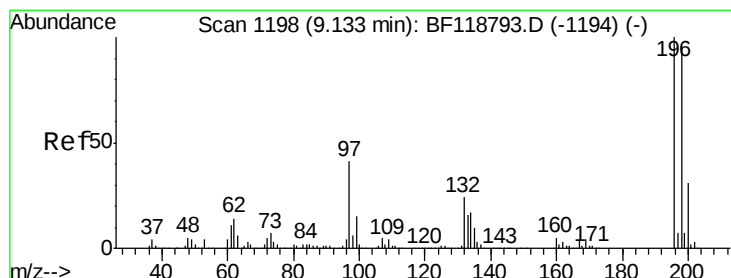
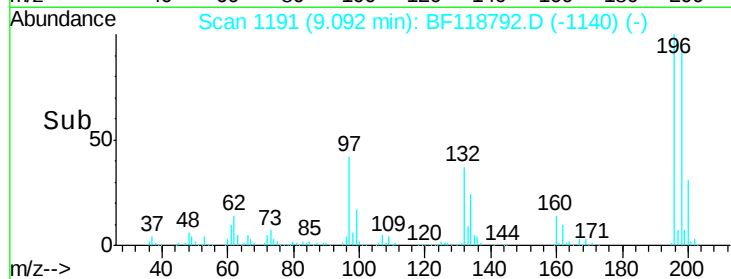
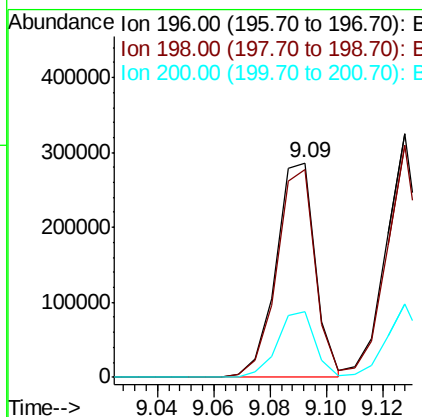
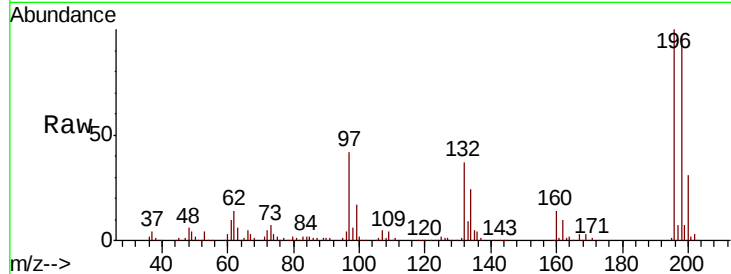
#43
 2,4,6-Trichlorophenol
 Concen: 20.836 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	275975		
198	96.6	76.7	115.1	
200	30.8	24.9	37.3	

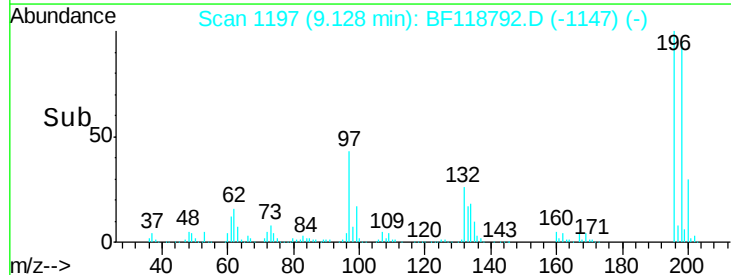
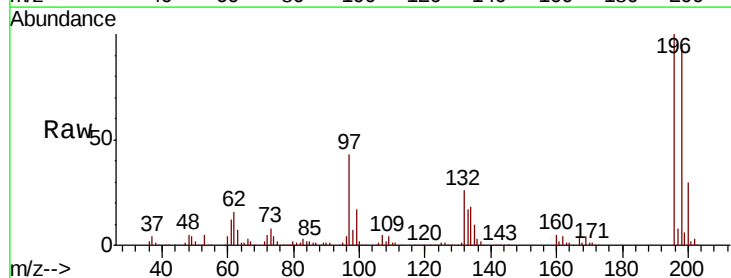
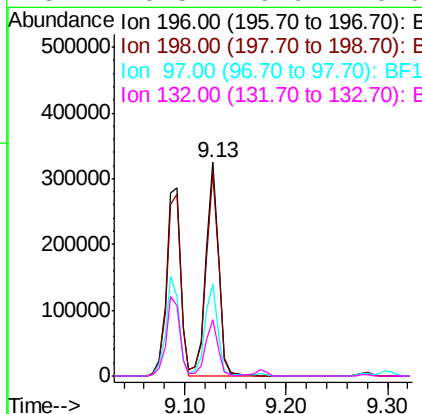
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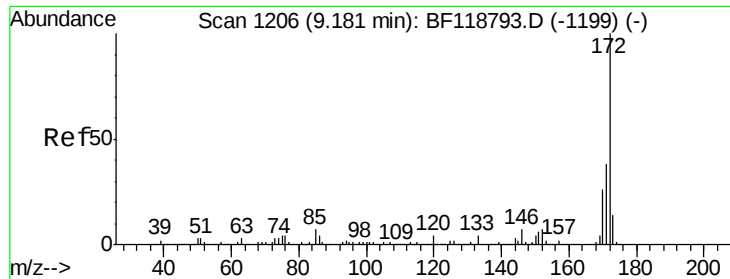
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#44
 2,4,5-Trichlorophenol
 Concen: 20.757 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280782		
198	95.3	77.0	115.4	
97	43.4	32.9	49.3	
132	26.3	19.9	29.9	





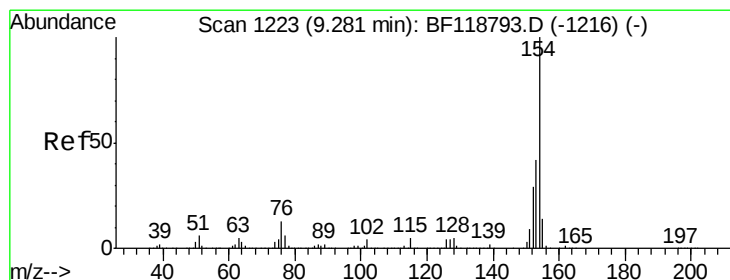
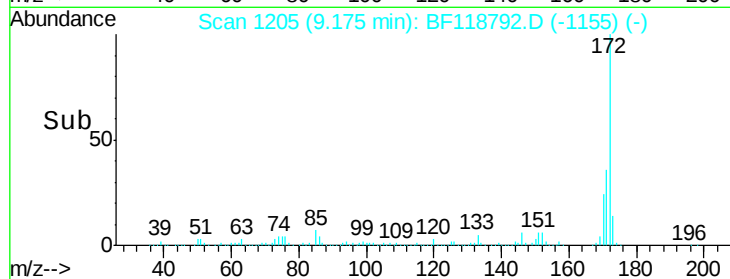
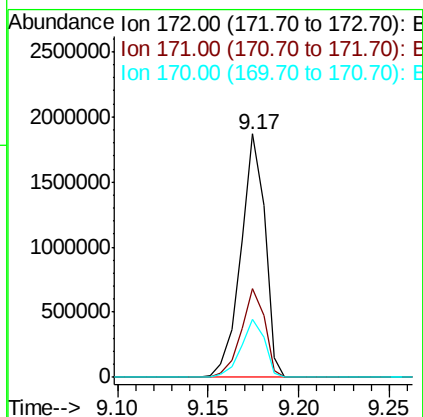
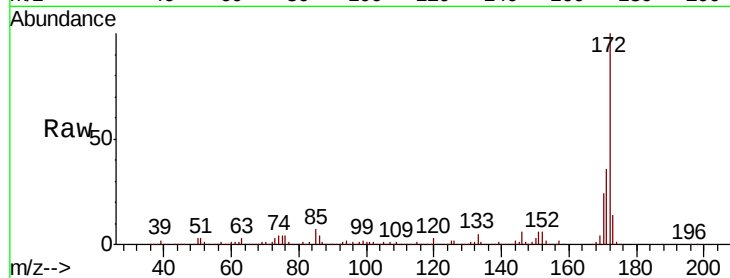
#45
2-Fluorobiphenyl
Concen: 44.447 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	30.8	46.2	
170	23.9	20.5	30.7	

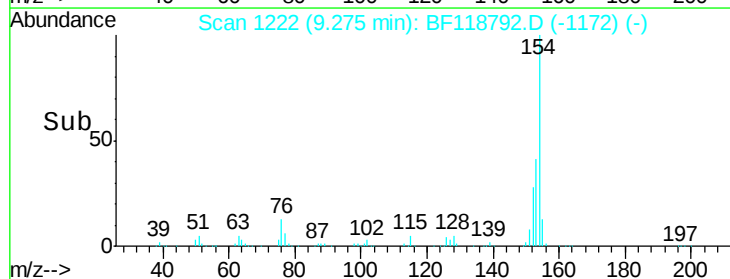
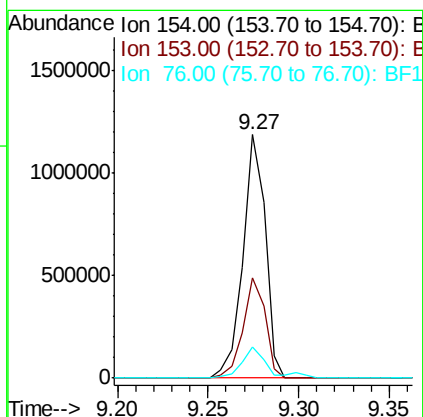
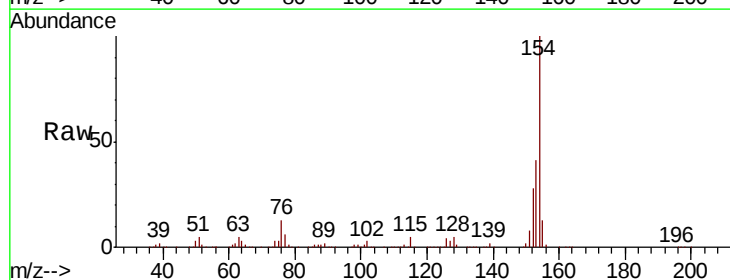
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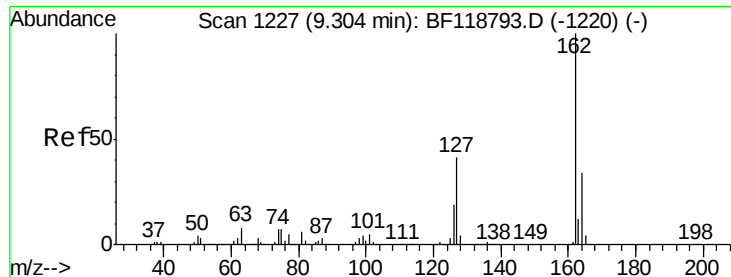
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#46
1,1'-Biphenyl
Concen: 23.056 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.0	22.4	62.4	
76	13.0	0.0	32.7	





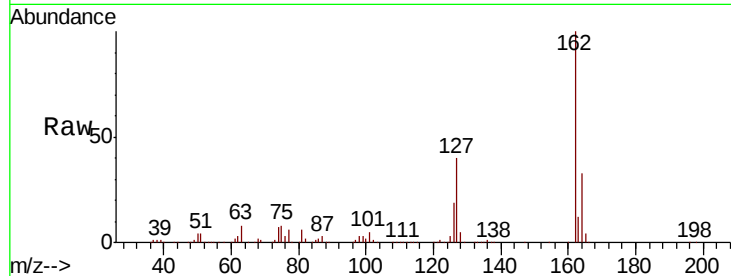
#47
 2-Chloronaphthalene
 Concen: 22.236 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

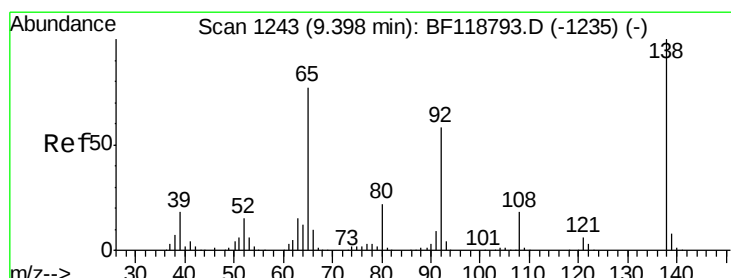
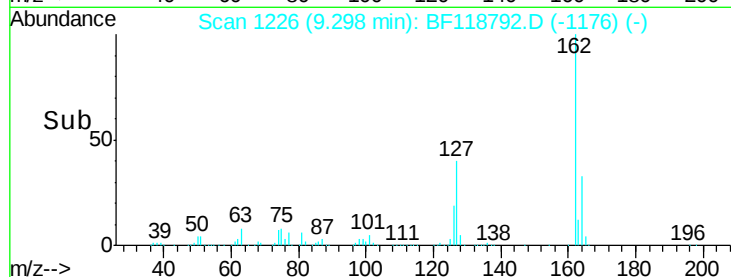
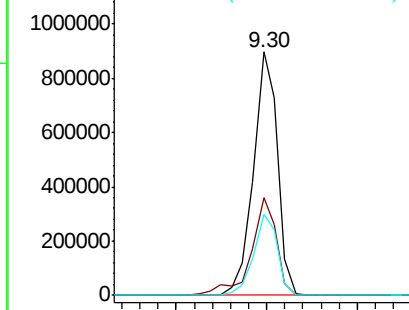
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.3	33.3	49.9		
164	33.1	27.1	40.7		

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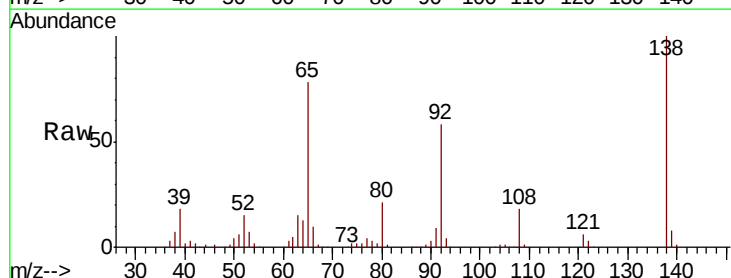


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

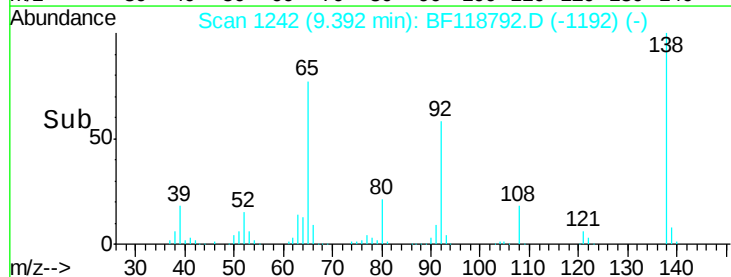
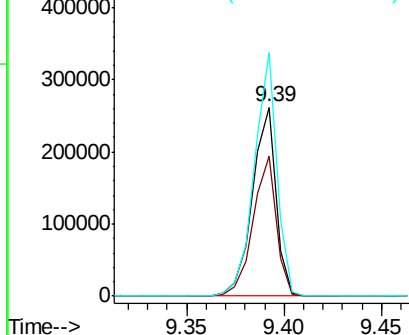


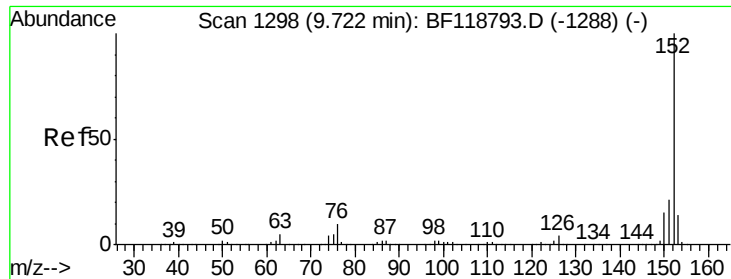
#48
 2-Nitroaniline
 Concen: 19.396 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	74.5	60.6	91.0		
138	129.0	104.6	156.8		



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





#49

Acenaphthylene

Concen: 22.957 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:152 Resp: 1196782

Ion Ratio Lower Upper

152 100

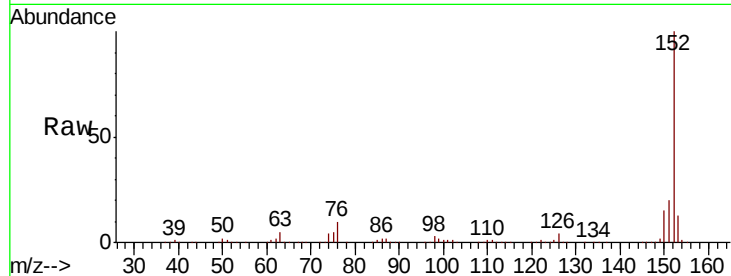
151 20.5 17.1 25.7

153 13.4 11.0 16.4

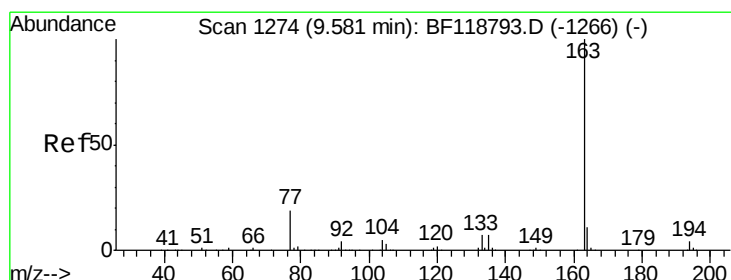
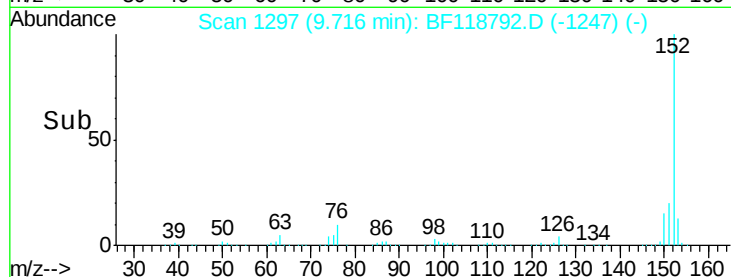
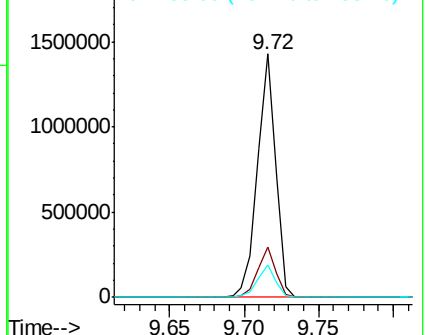
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 22.921 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

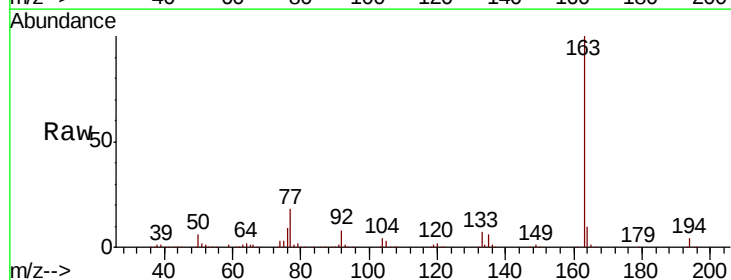
Tgt Ion:163 Resp: 952604

Ion Ratio Lower Upper

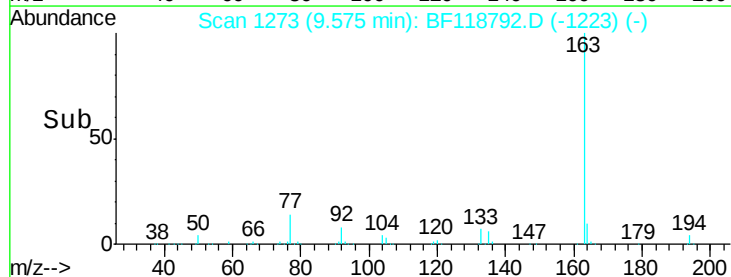
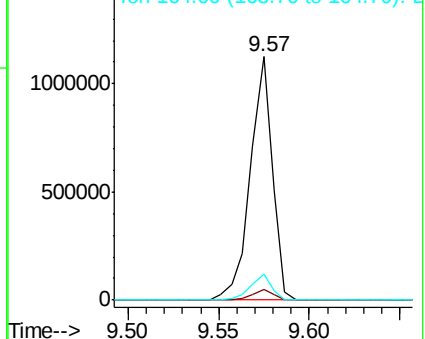
163 100

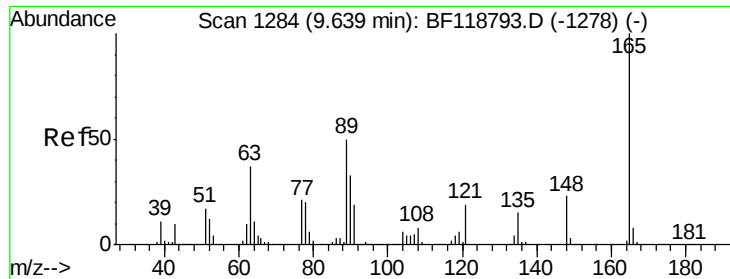
194 4.2 3.6 5.4

164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





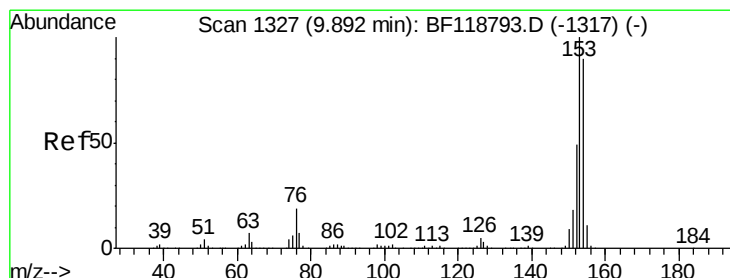
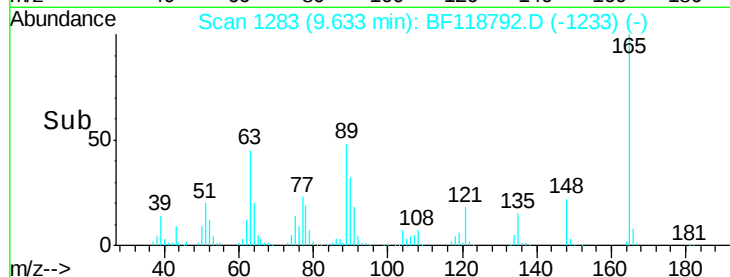
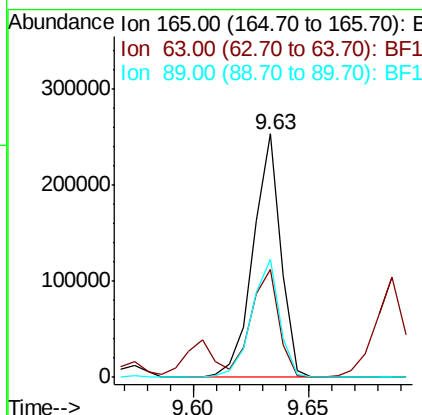
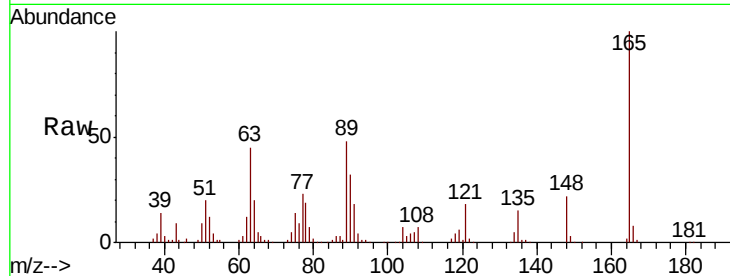
#51
2,6-Dinitrotoluene
Concen: 22.673 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211009		
63	44.5		37.4	56.0
89	48.3		39.7	59.5

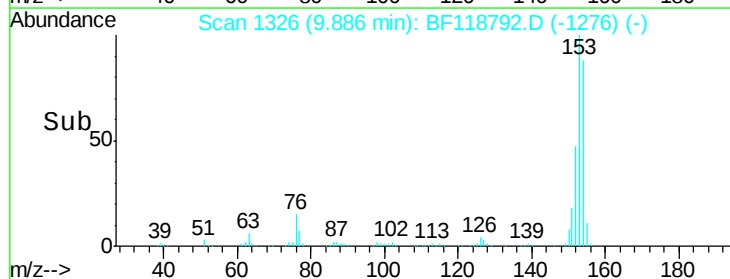
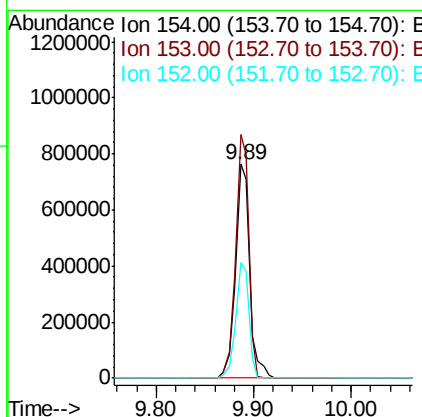
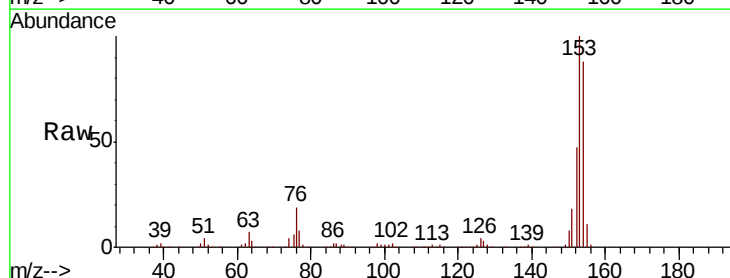
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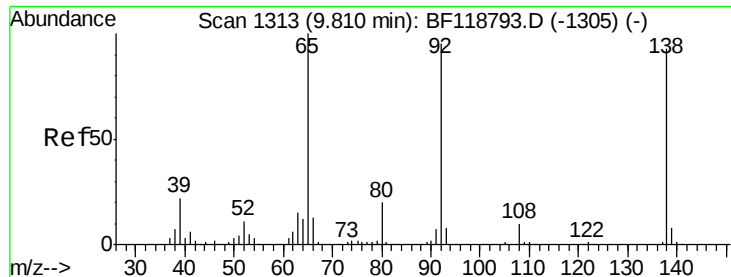
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#52
Acenaphthene
Concen: 22.034 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	768072		
153	113.8		89.4	134.0
152	54.0		43.6	65.4





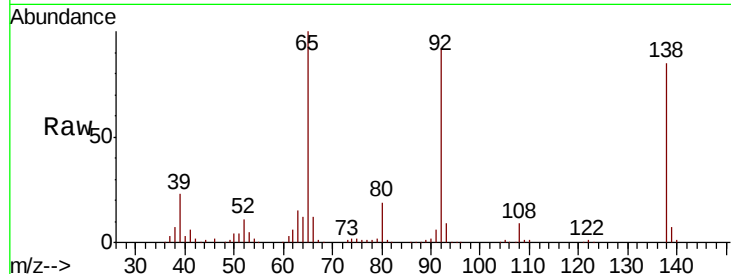
#53
3-Nitroaniline
Concen: 21.846 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

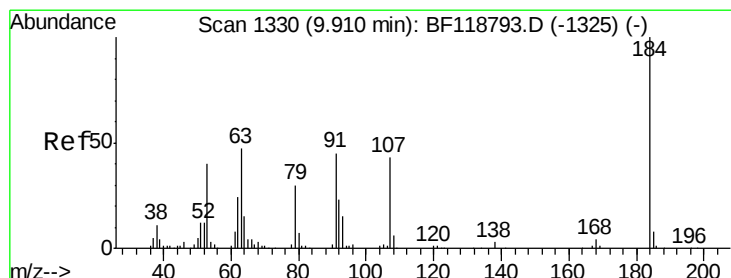
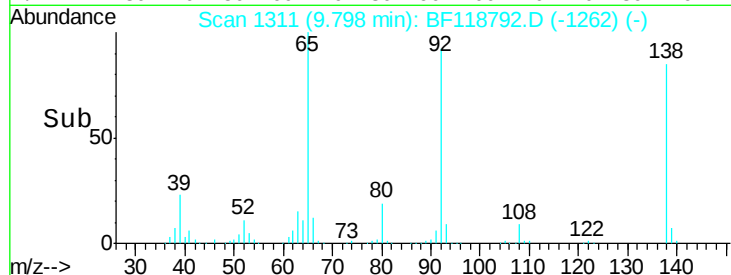
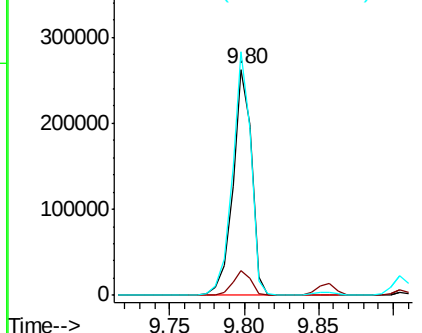
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	107.8	82.2	123.4

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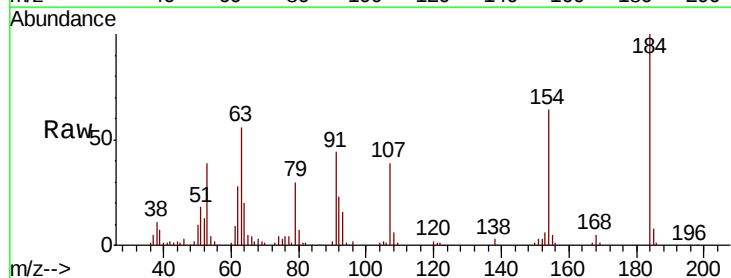


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

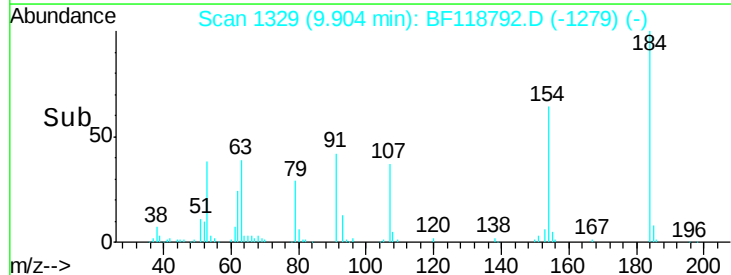
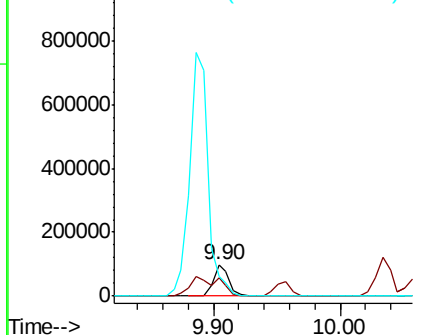


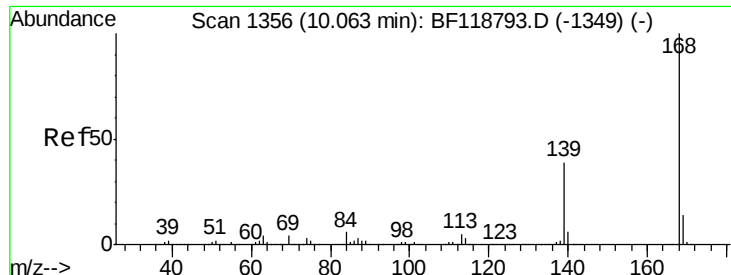
#54
2,4-Dinitrophenol
Concen: 23.954 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	47.5	71.3
154	63.6	48.6	72.8



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





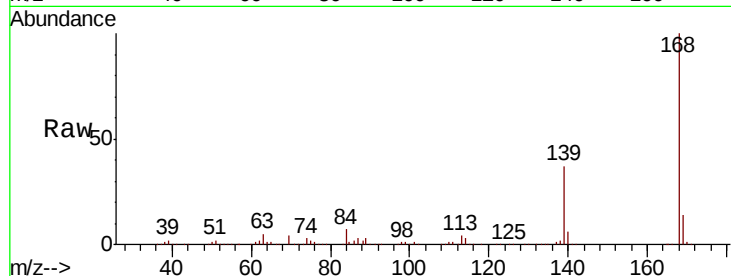
#55
Dibenzofuran
Concen: 23.067 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	31.6	47.4
169	13.8	11.4	17.2

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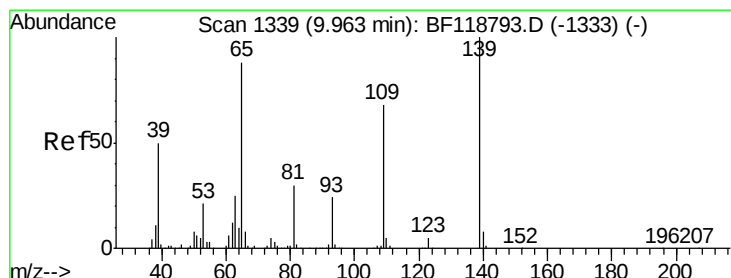
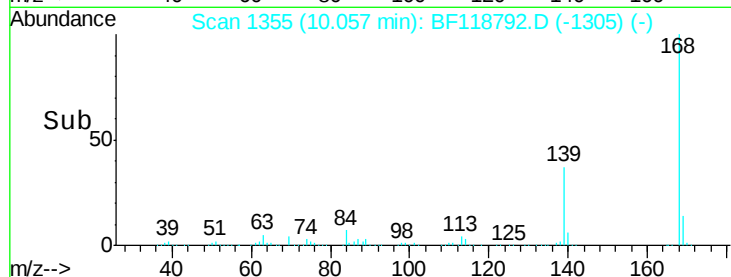
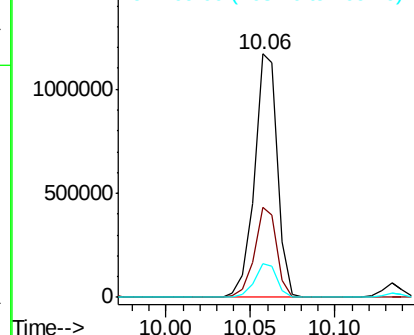


Abundance

Ion 168.00 (167.70 to 168.70): E

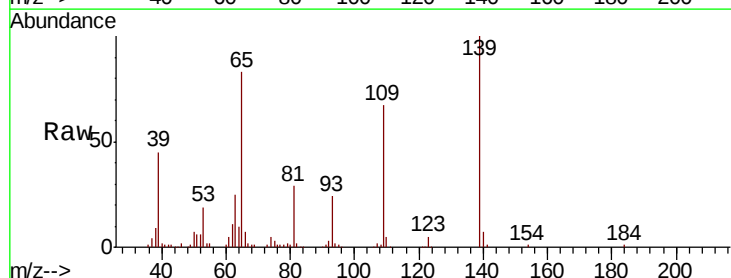
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 20.191 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.4	48.0	88.0
65	82.7	68.3	108.3

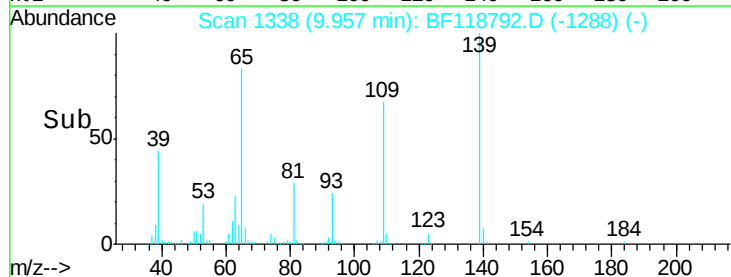
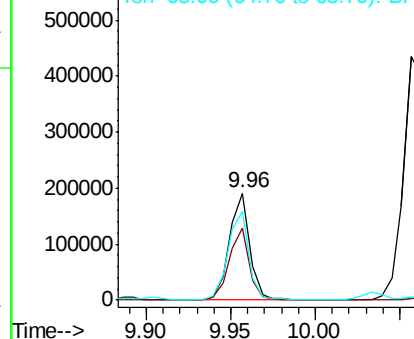


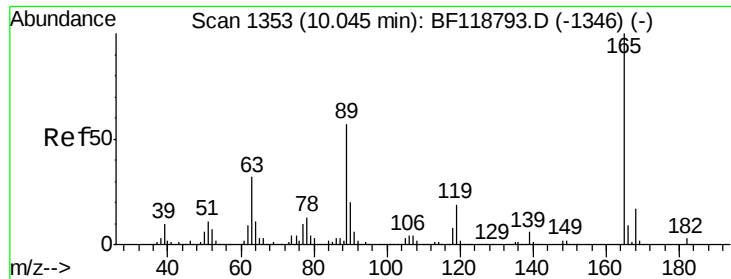
Abundance

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





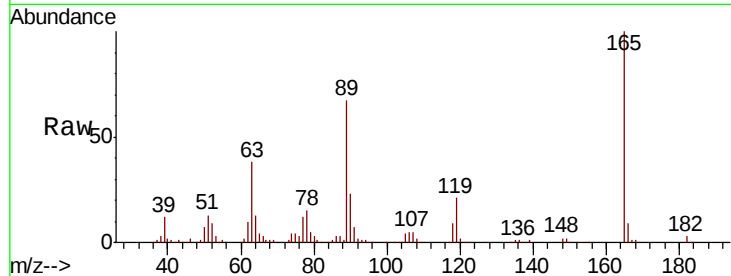
#57
2,4-Dinitrotoluene
Concen: 23.774 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

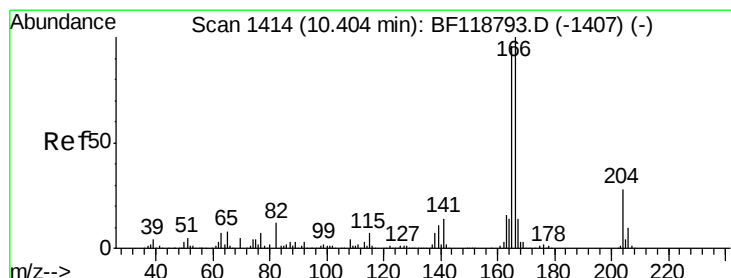
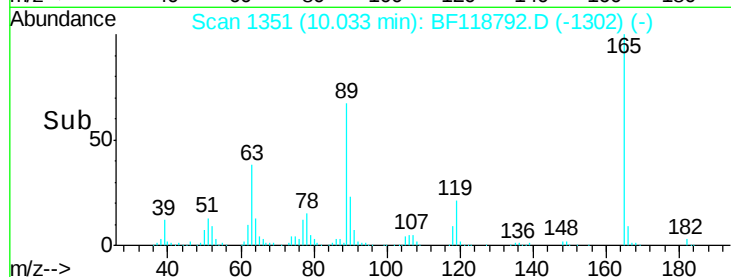
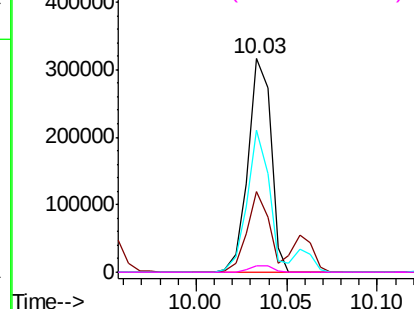
Tot Ion	Ratio	Resp	Lower	Upper
165	100	278920		
63	38.0	25.5	38.3	
89	66.8	45.4	68.0	
182	3.0	2.4	3.6	

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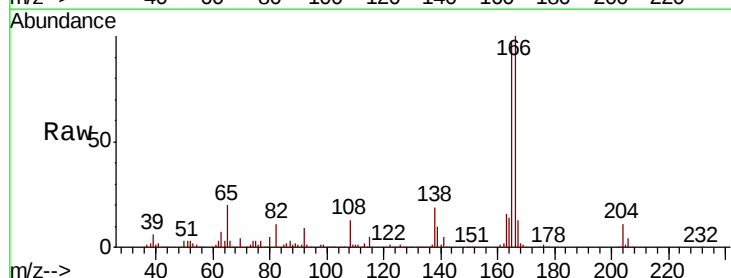


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

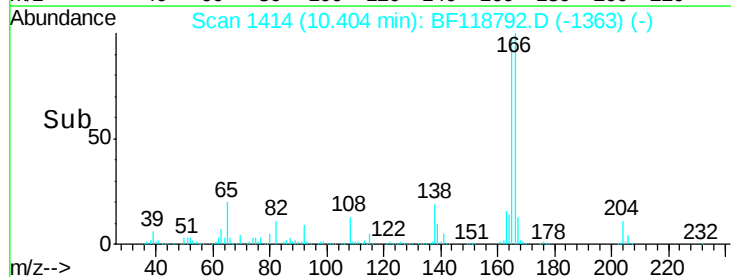
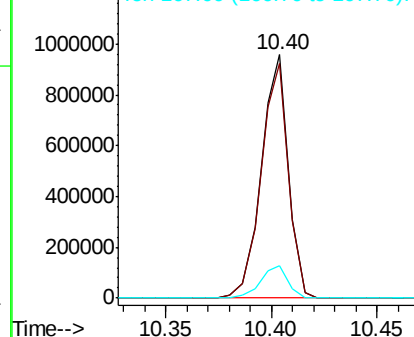


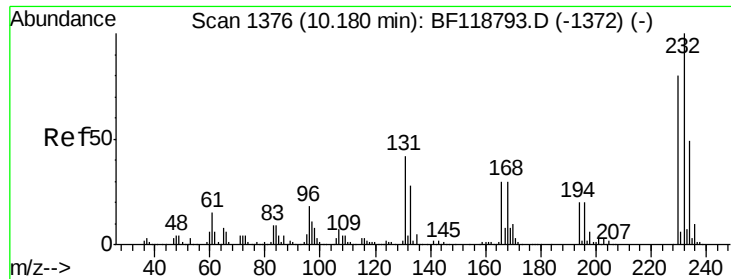
#58
Fluorene
Concen: 22.426 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	850477		
165	96.6	77.0	115.6	
167	13.4	11.1	16.7	



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





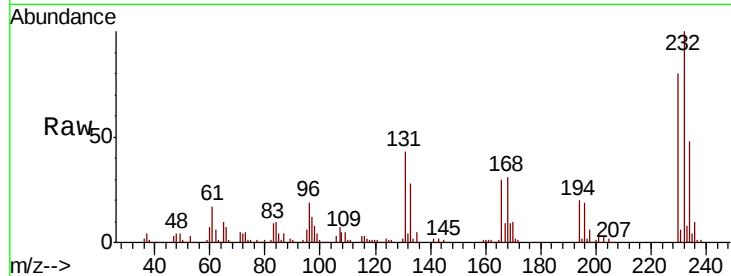
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.869 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

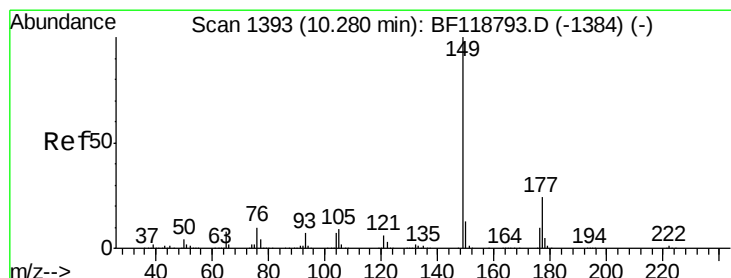
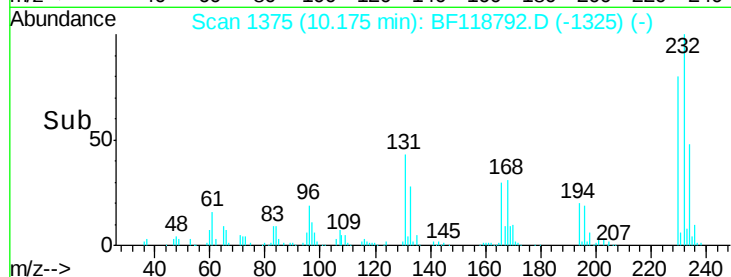
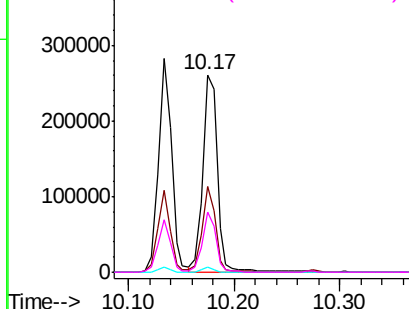
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		248296		
131	38.8	31.8	47.6		
130	2.0	1.6	2.4		
166	28.5	23.1	34.7		

Manual Integrations
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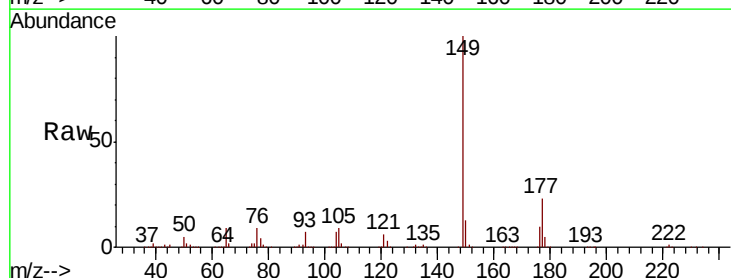


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

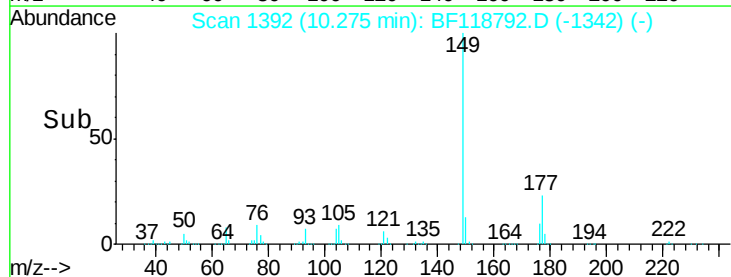
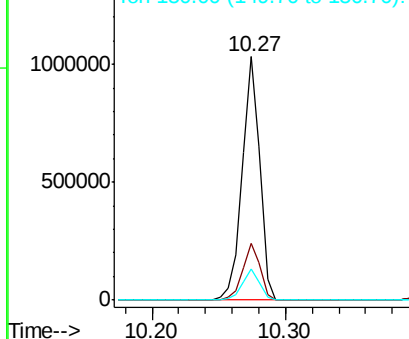


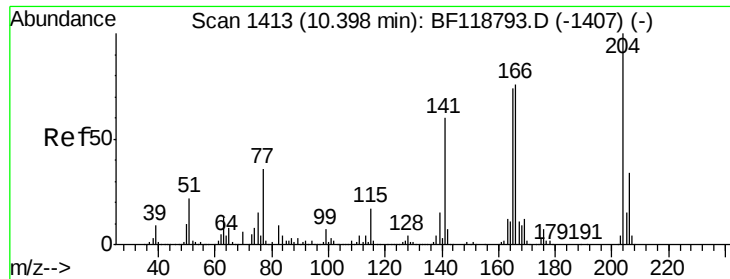
#60
 Diethylphthalate
 Concen: 23.241 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		936506		
177	23.2	19.3	28.9		
150	12.8	10.4	15.6		



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





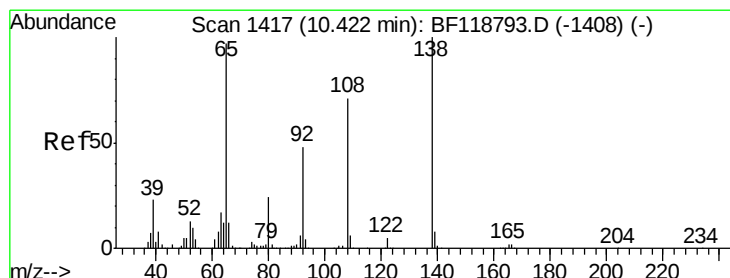
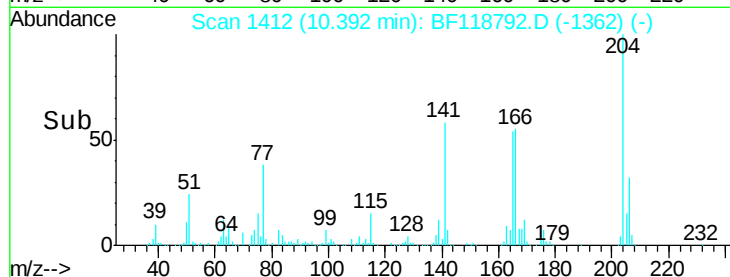
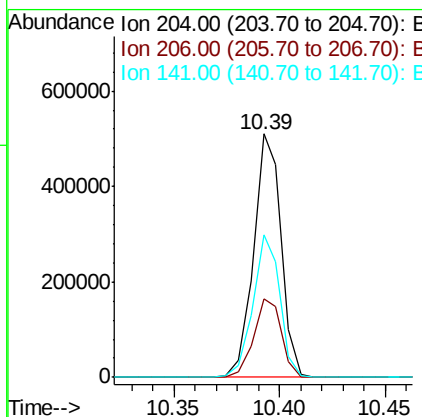
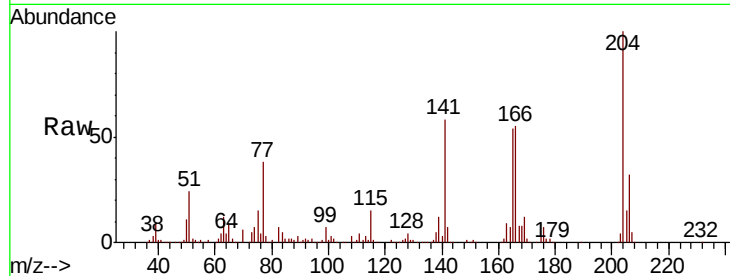
#61
 4-Chlorophenyl-phenylether
 Concen: 22.335 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	204	Resp:	460682
Ion Ratio		Lower	Upper
204	100		
206	32.5	27.4	41.2
141	58.3	47.8	71.6

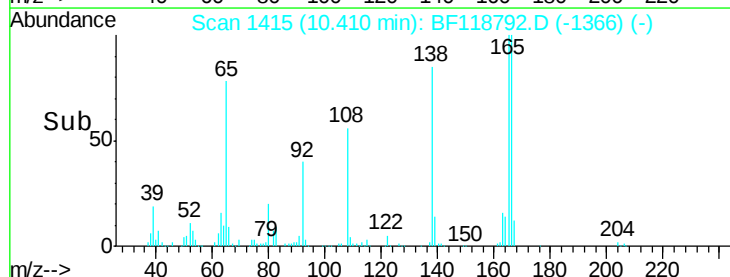
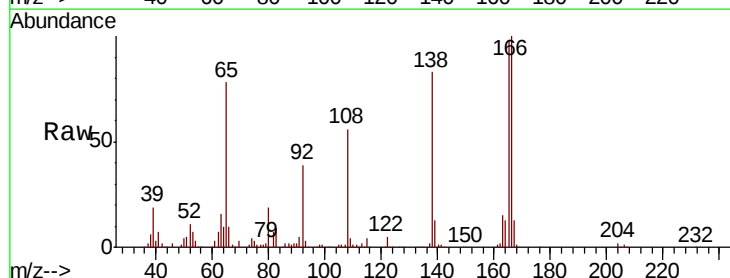
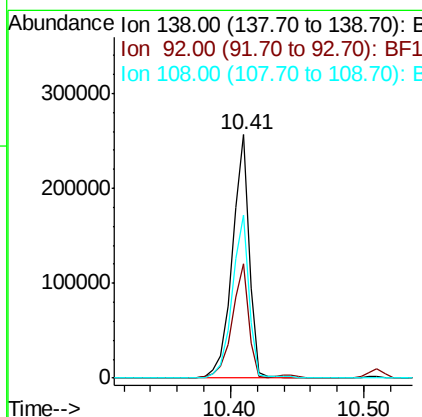
Manual Integrations
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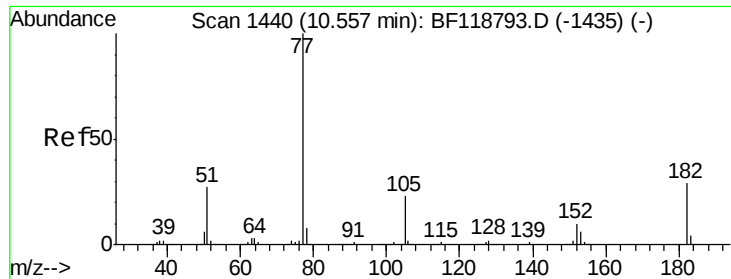
mohammad
 2/4/2020 6:13:34 PM



#62
 4-Nitroaniline
 Concen: 21.078 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion:	138	Resp:	229767
Ion Ratio		Lower	Upper
138	100		
92	47.0	27.6	67.6
108	67.0	51.3	91.3





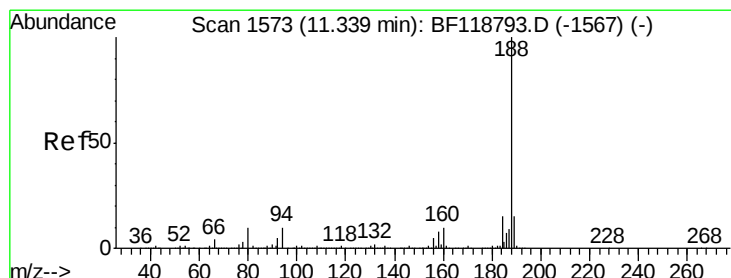
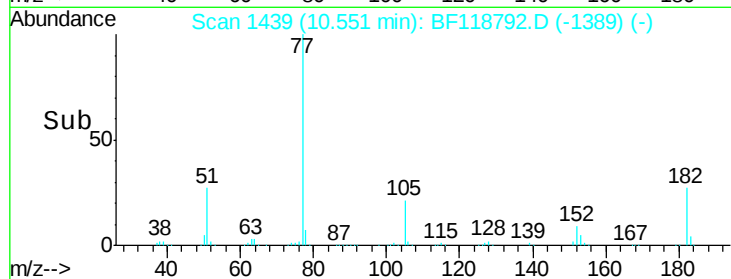
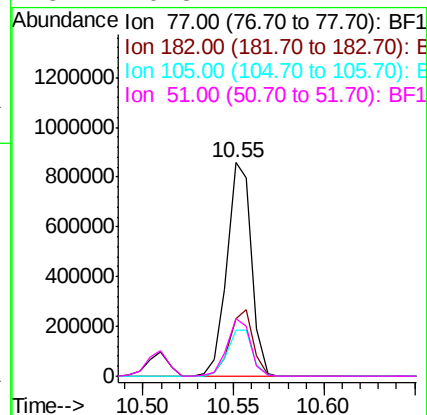
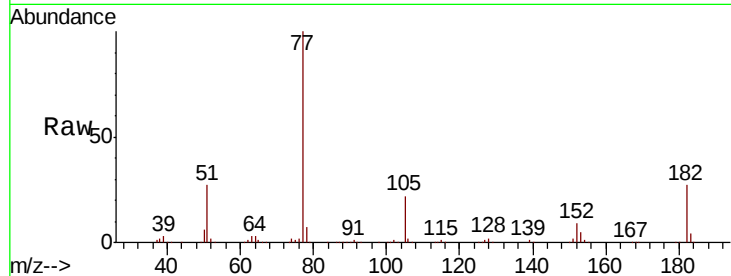
#63
Azobenzene
Concen: 20.692 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		807499		
182	27.1	9.2	49.2		
105	21.8	3.1	43.1		
51	26.8	7.4	47.4		

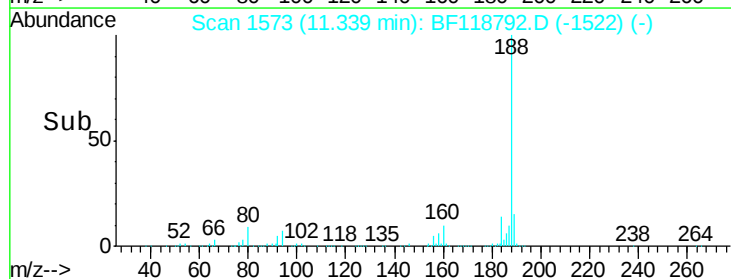
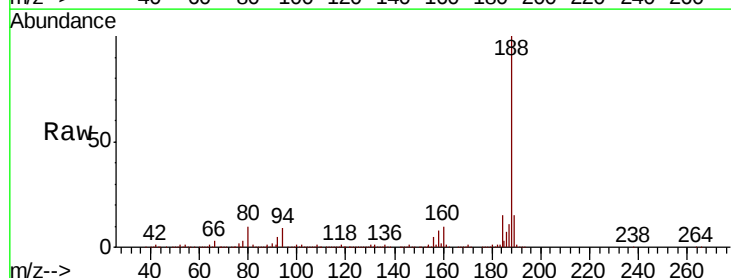
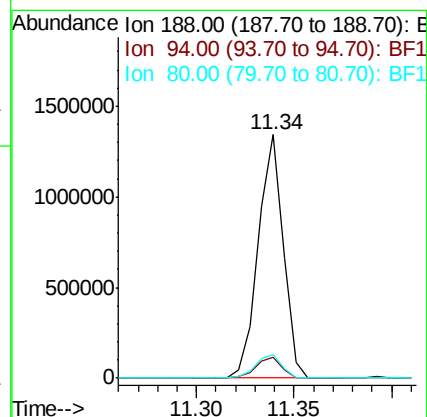
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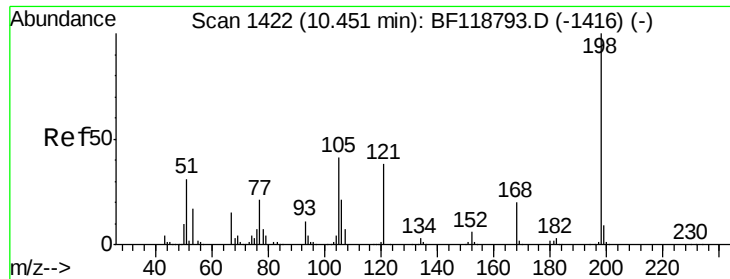
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		1193449		
94	8.8	7.9	11.9		
80	9.6	8.4	12.6		





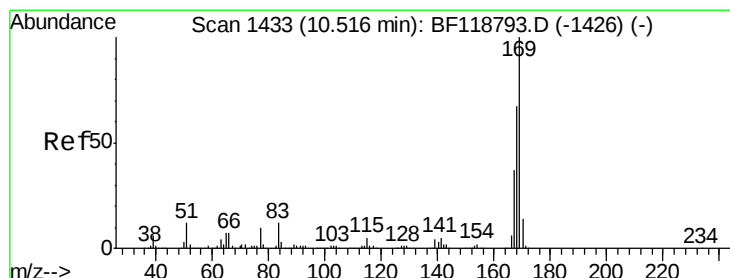
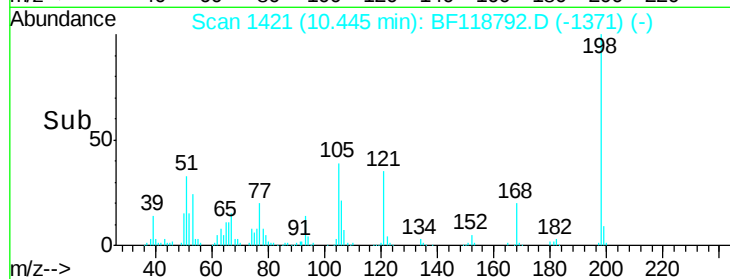
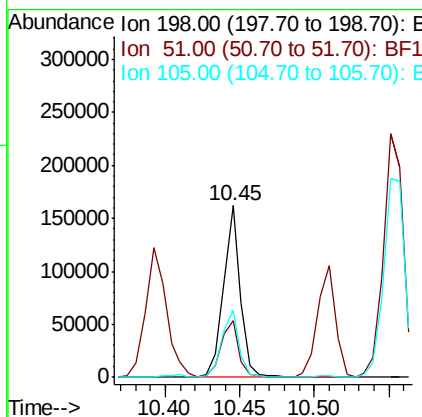
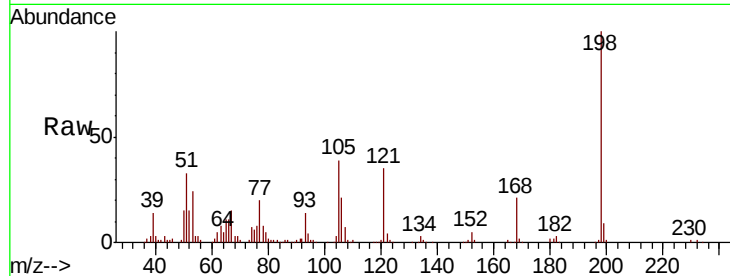
#65
4,6-Dinitro-2-methylphenol
Concen: 24.779 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.7	16.7	56.7
105	39.3	22.0	62.0

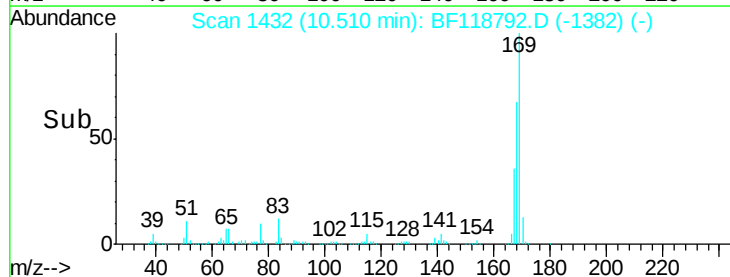
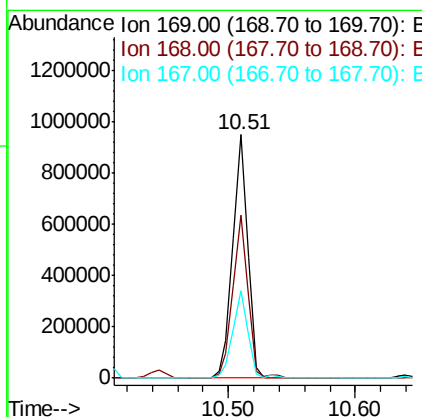
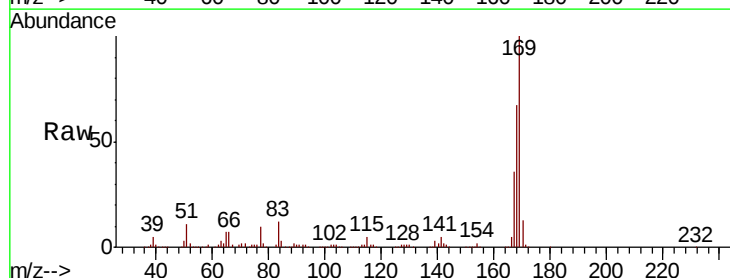
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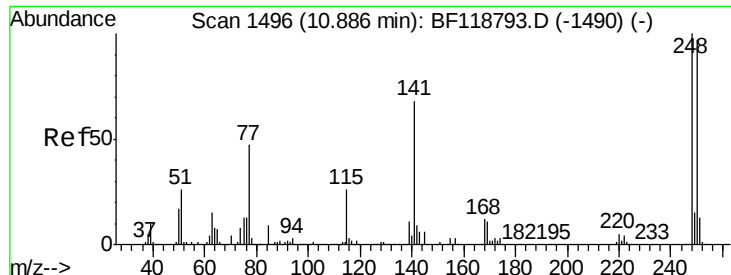
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 21.558 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.5	80.3
167	35.9	29.3	43.9





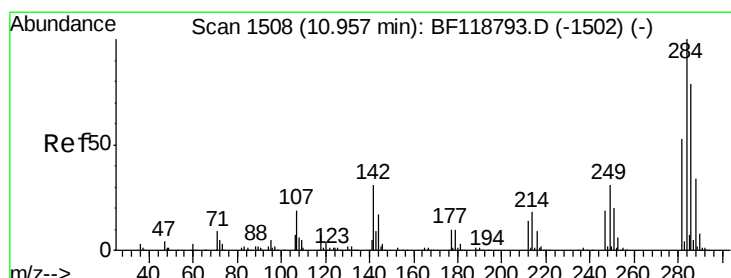
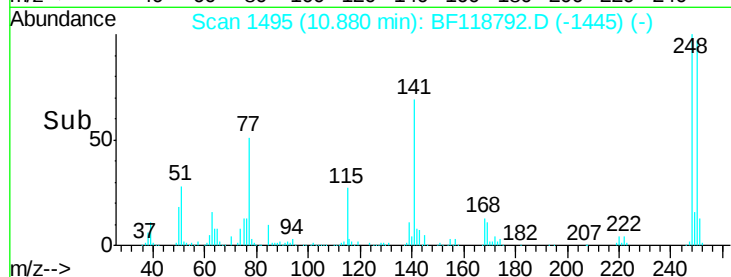
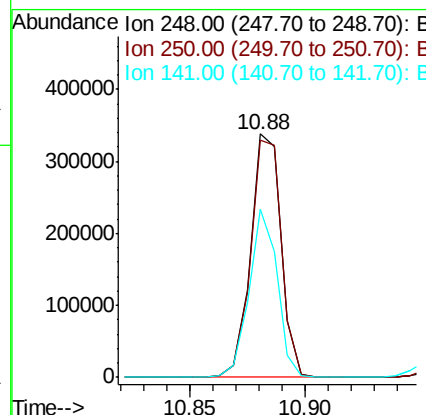
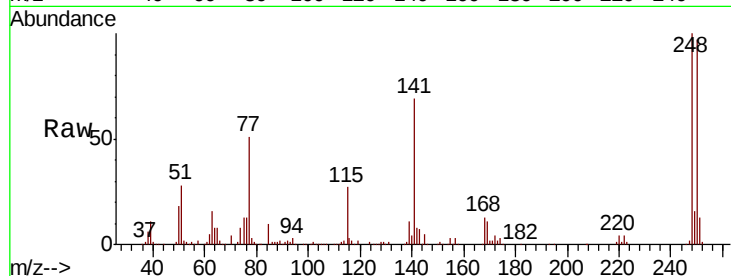
#67
4-Bromophenyl-phenylether
Concen: 21.157 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.6	116.4
141	69.2	54.4	81.6

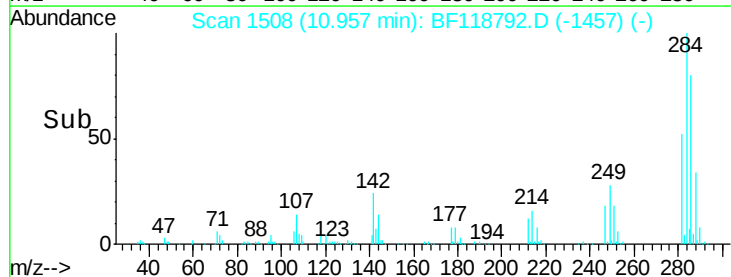
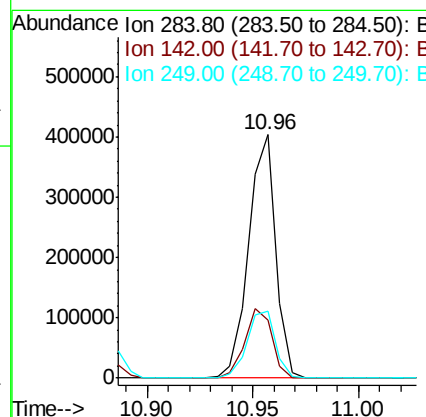
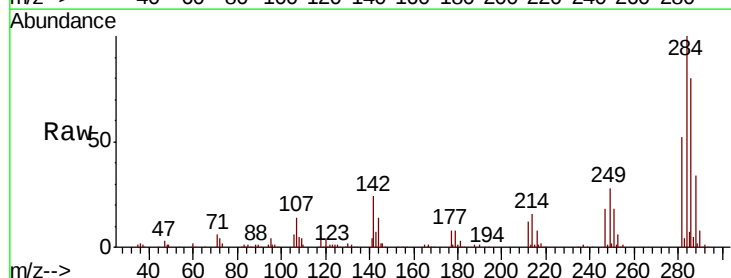
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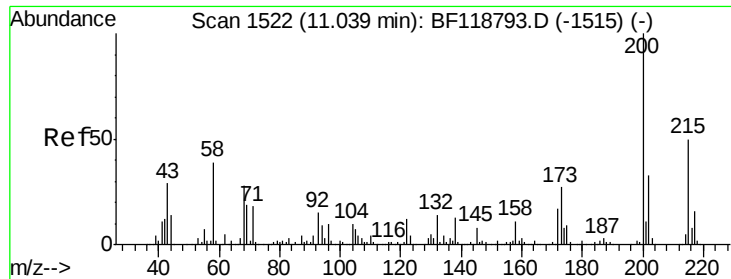
mohammad
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#68
Hexachlorobenzene
Concen: 21.403 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.8	24.5	36.7#
249	27.6	24.7	37.1





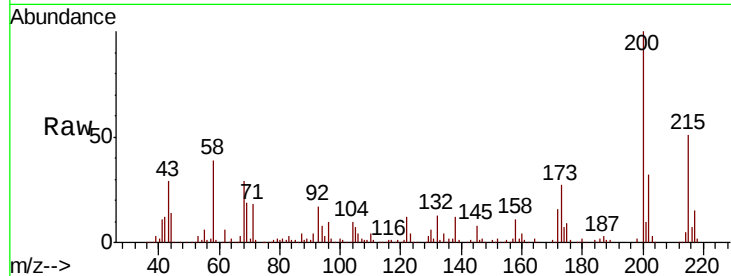
#69
 Atrazine
 Concen: 20.894 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

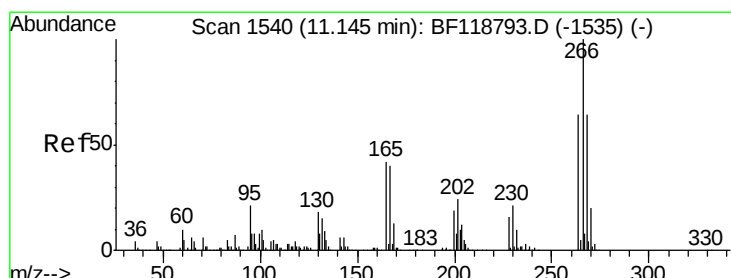
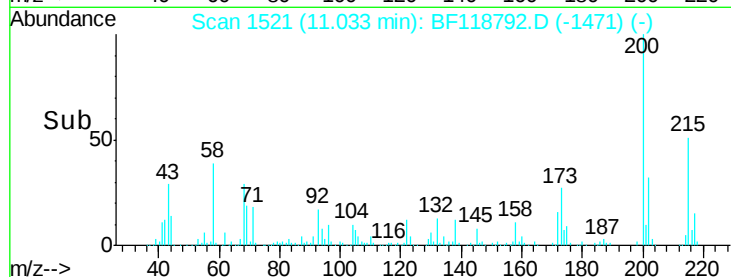
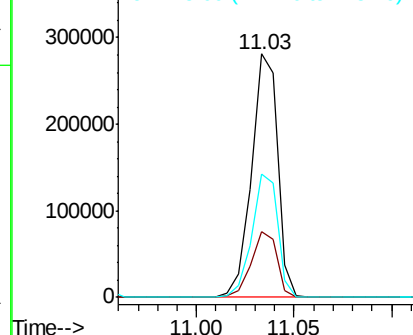
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	7.5	47.5
215	50.8	29.9	69.9

Manual Integrations
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 2/4/2020 6:13:34 PM

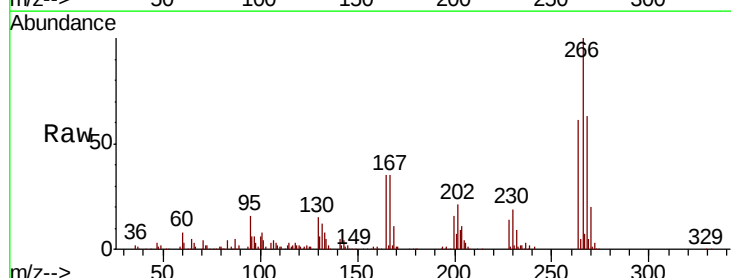


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

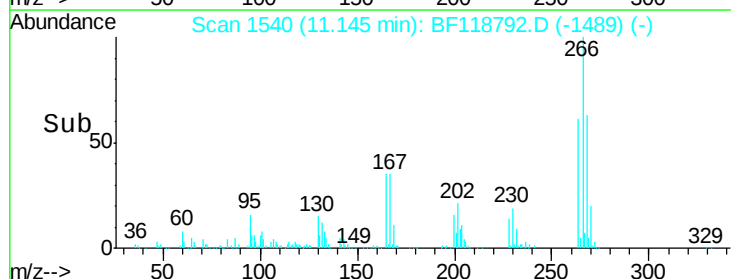
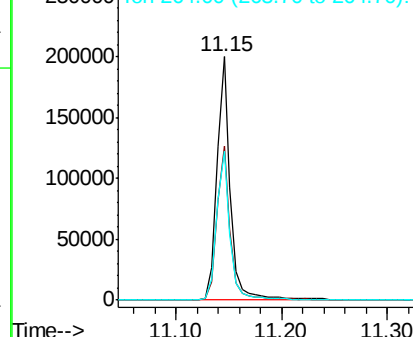


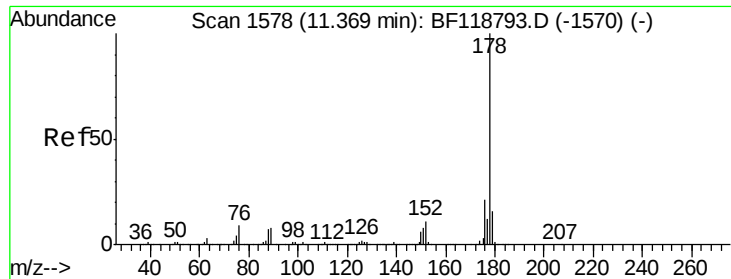
#70
 Pentachlorophenol
 Concen: 19.405 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	51.0	76.6
264	61.1	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 23.005 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:178 Resp: 1324544

Ion Ratio Lower Upper

178 100

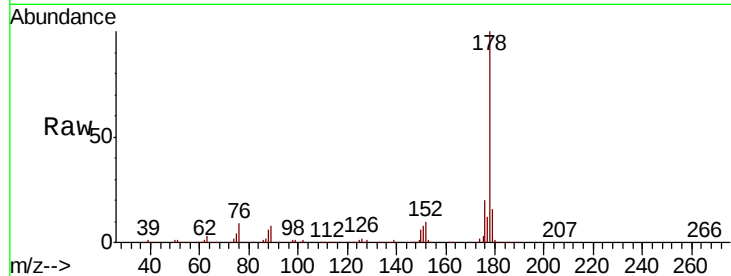
176 19.6 16.6 24.8

179 15.7 13.2 19.8

Manual Integrations
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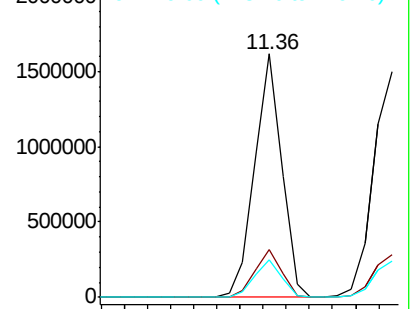
2/4/2020 6:13:34 PM



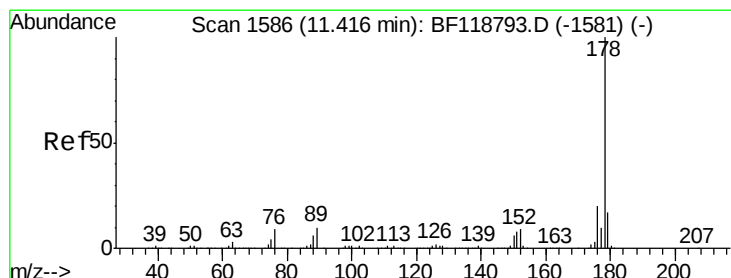
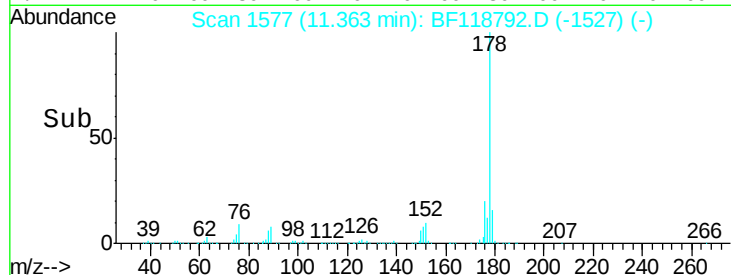
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 22.920 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

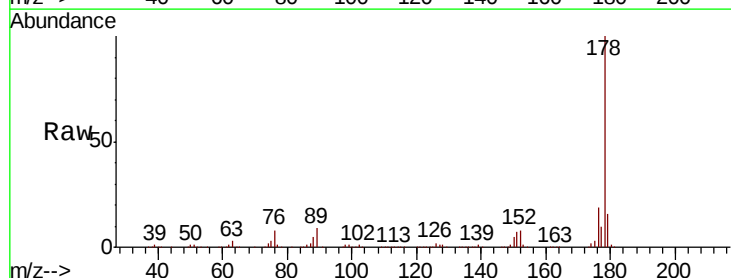
Tgt Ion:178 Resp: 1305806

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.2

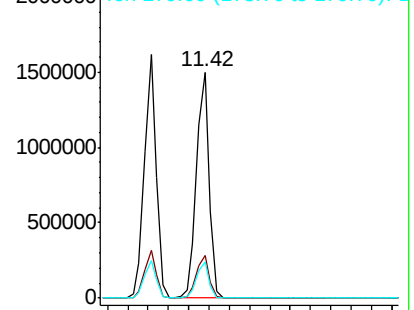
179 16.0 13.4 20.2



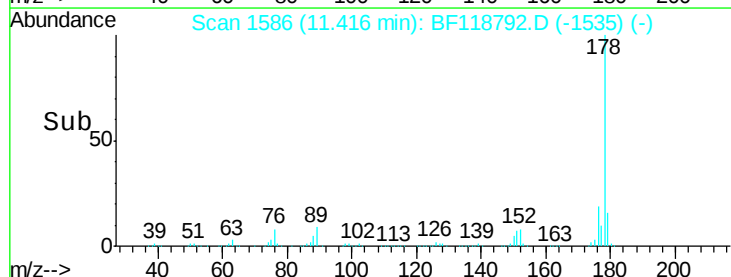
Abundance Ion 178.00 (177.70 to 178.70): E

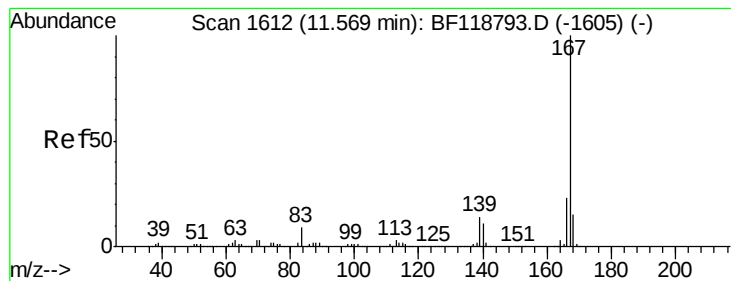
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





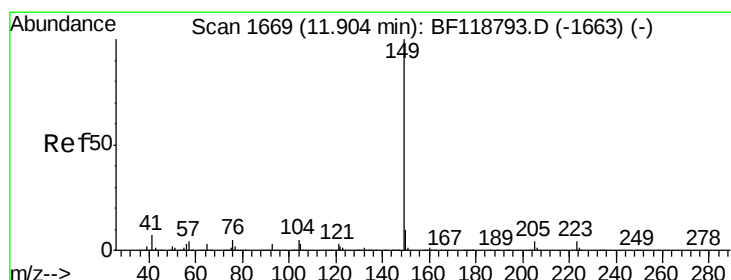
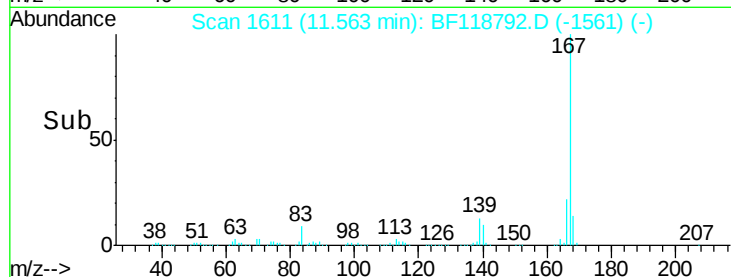
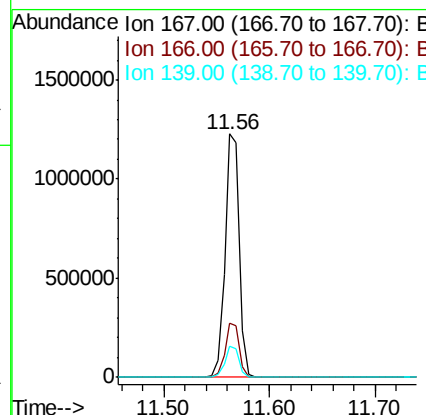
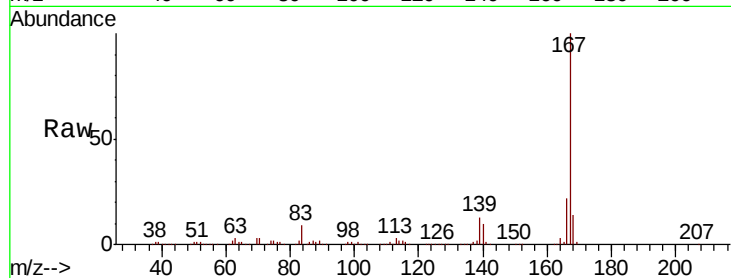
#73
 Carbazole
 Concen: 22.213 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.4	27.6
139	13.0	11.1	16.7

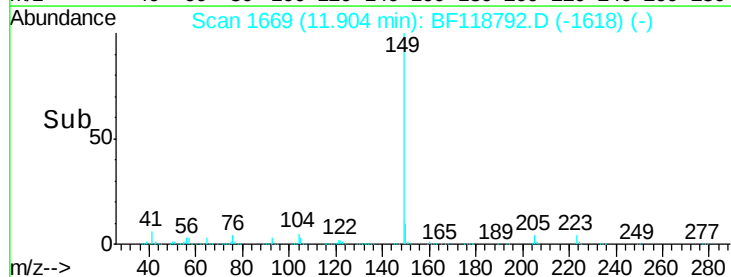
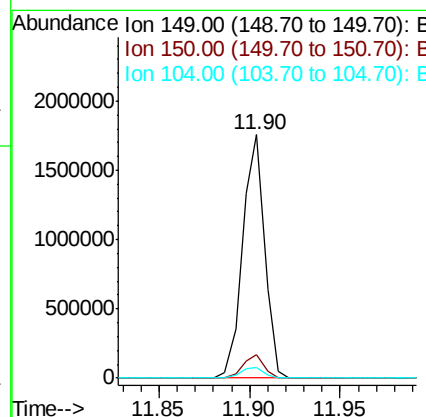
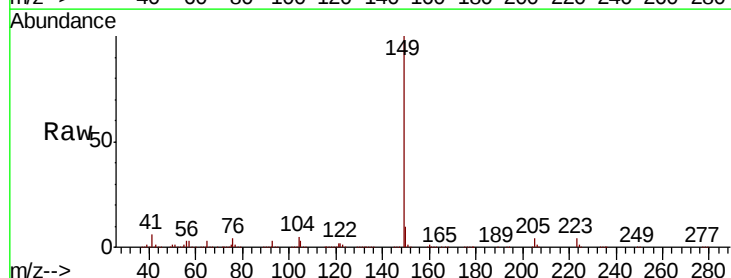
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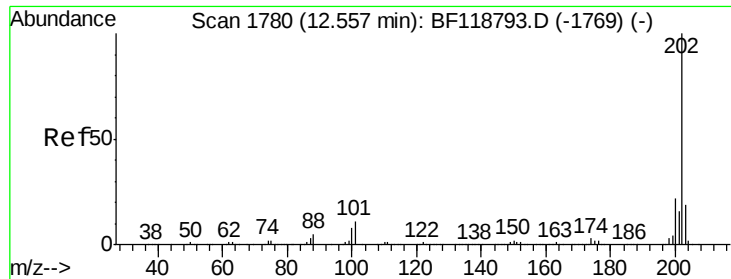
mohammad
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#74
 Di-n-butylphthalate
 Concen: 25.422 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF118792.D
 Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.5	4.3	6.5





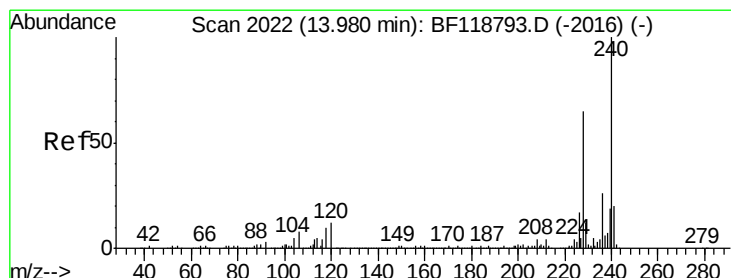
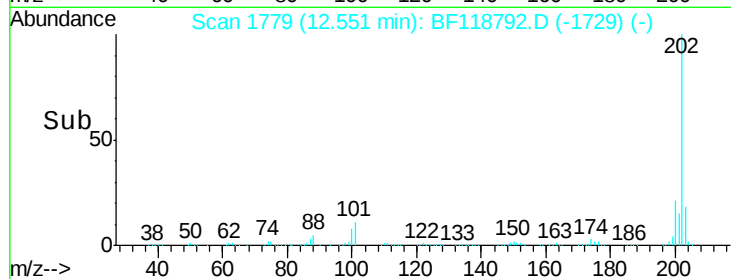
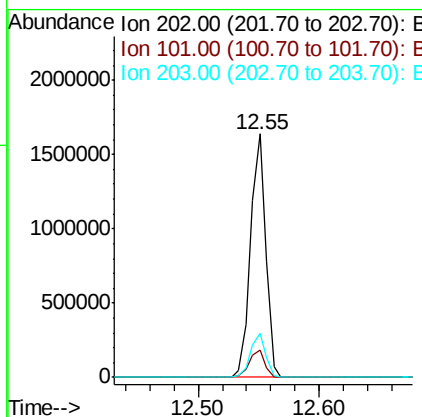
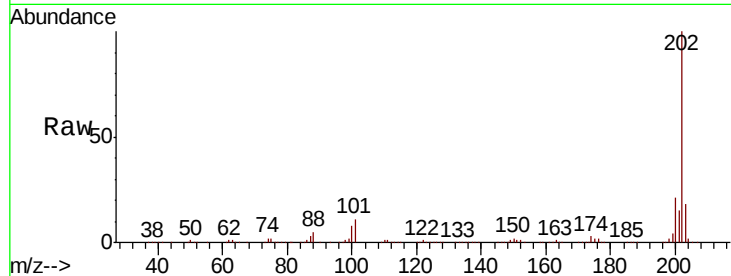
#75
Fluoranthene
Concen: 23.904 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	18.0	0.0	38.7

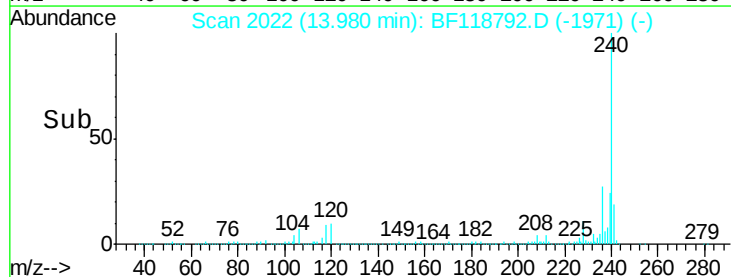
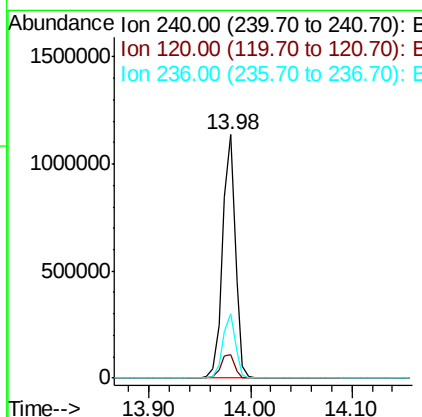
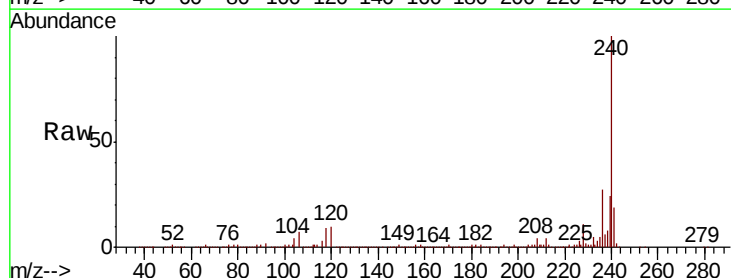
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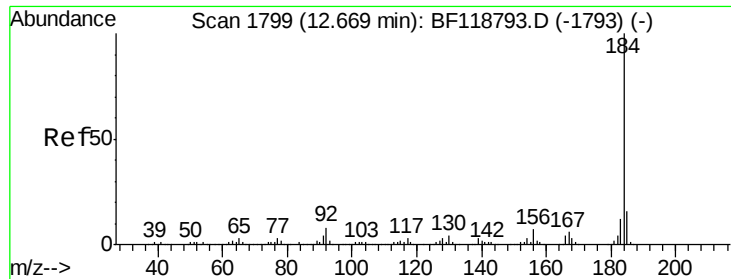
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.4	14.0
236	26.6	21.0	31.6





#77

Benzidine

Concen: 25.082 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

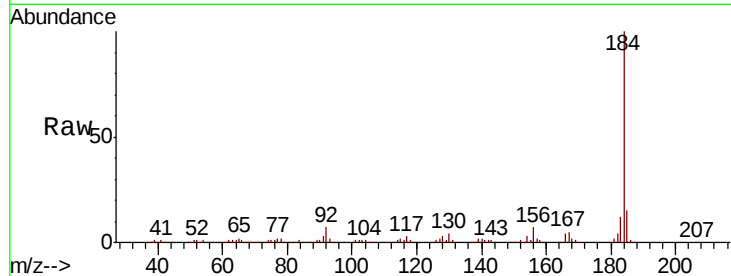
ClientSampleId :

SSTDIC020

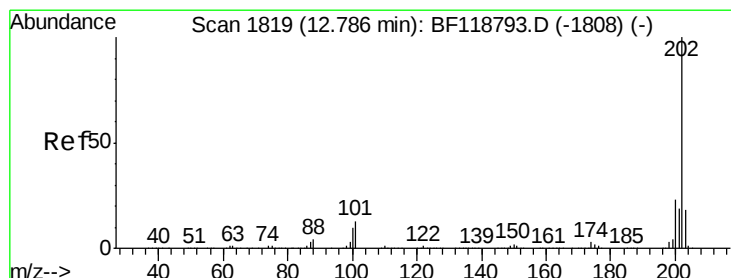
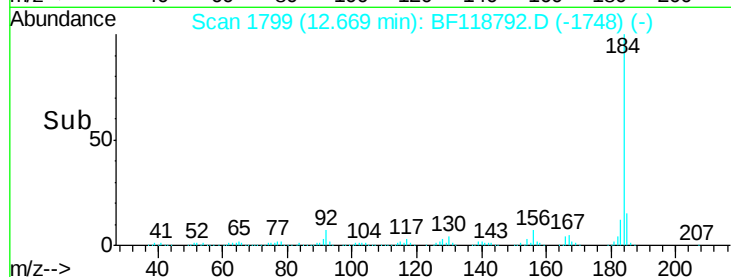
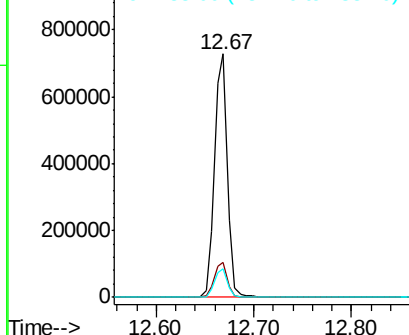
Tot Ion:	184	Resp:	663013
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.5	18.7
183	11.9	9.7	14.5

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Abundance Ion 184.00 (183.70 to 184.70): E
1000000 Ion 185.00 (184.70 to 185.70): E
800000 Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.661 ng

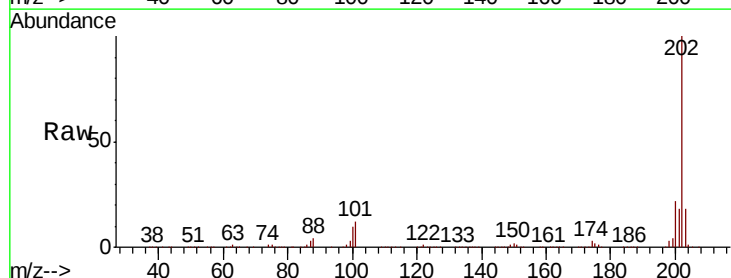
RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

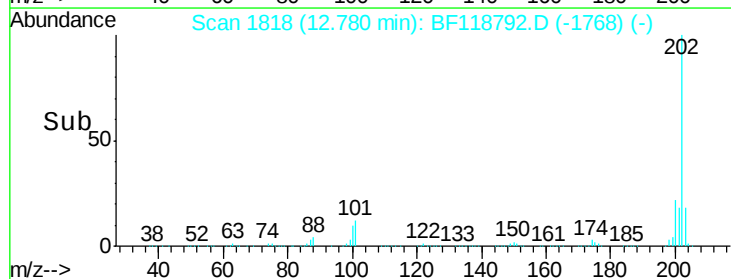
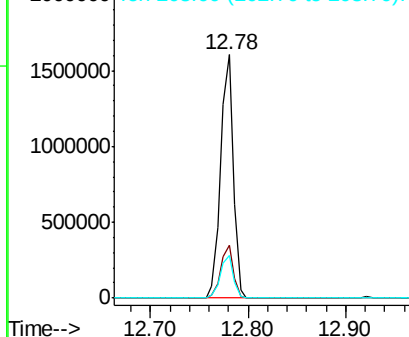
Lab File: BF118792.D

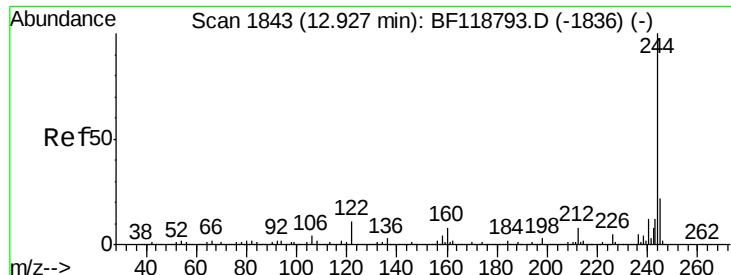
Acq: 3 Feb 2020 11:50

Tgt Ion:	202	Resp:	1454868
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.2	27.2
203	17.7	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 200.00 (199.70 to 200.70): E
1500000 Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.677 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:244 Resp: 2207884

Ion Ratio Lower Upper

244 100

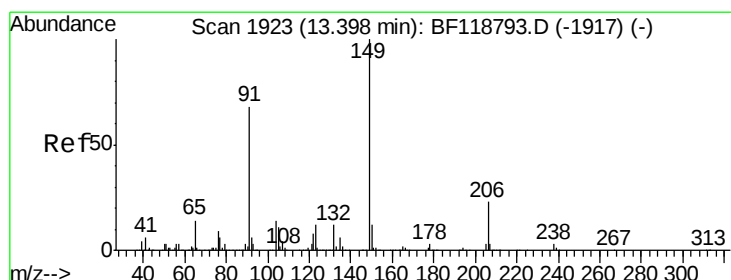
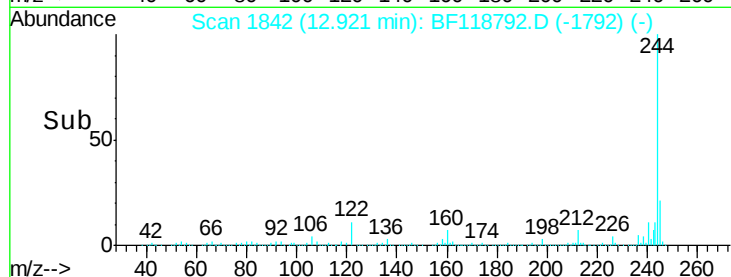
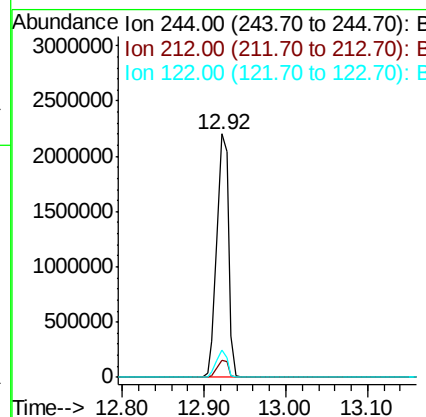
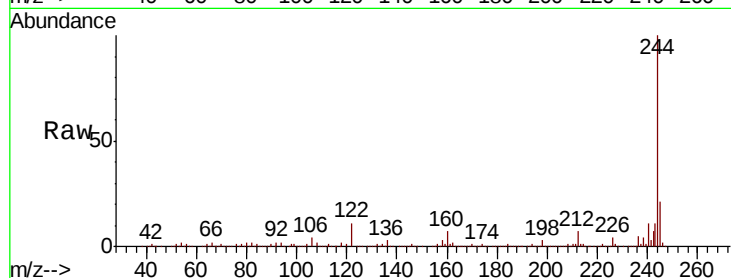
212 7.2 6.5 9.7

122 11.2 8.9 13.3

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#80

Butylbenzylphthalate

Concen: 23.191 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

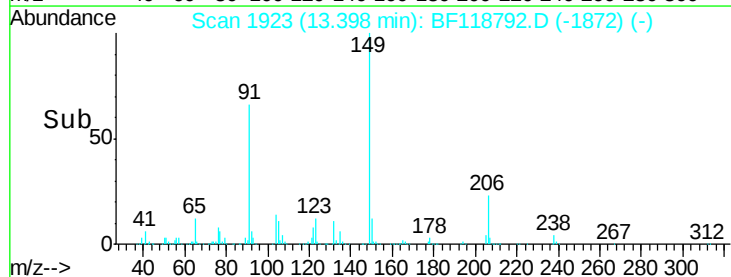
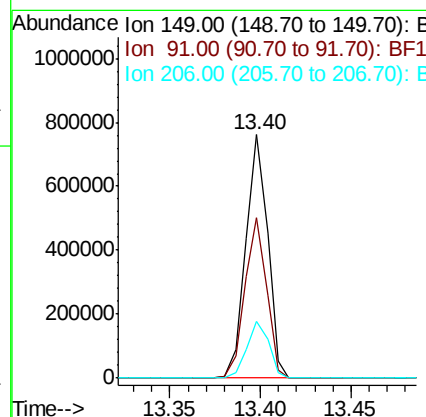
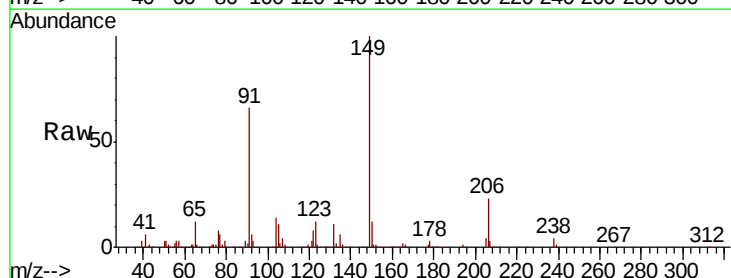
Tgt Ion:149 Resp: 637471

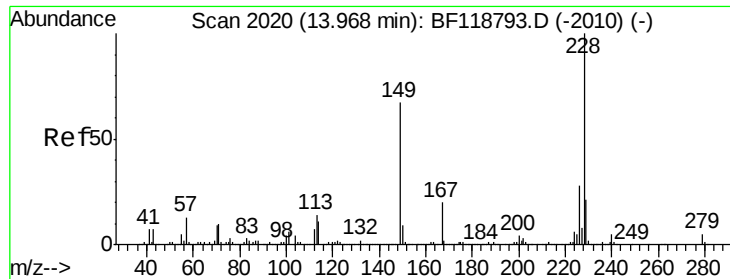
Ion Ratio Lower Upper

149 100

91 66.0 54.7 82.1

206 23.2 18.5 27.7





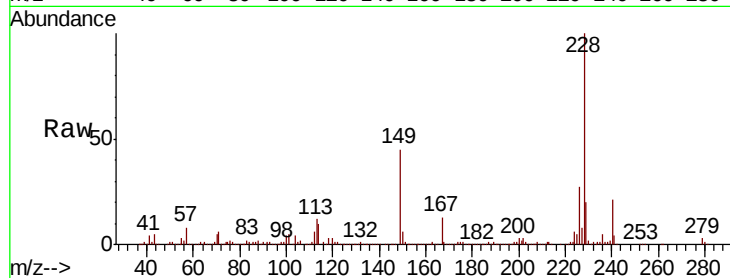
#81
Benzo(a)anthracene
Concen: 22.100 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.3	16.6	25.0

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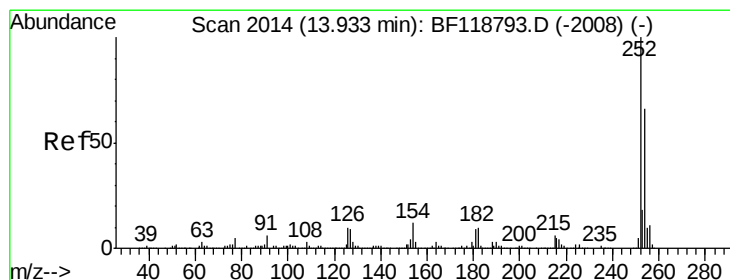
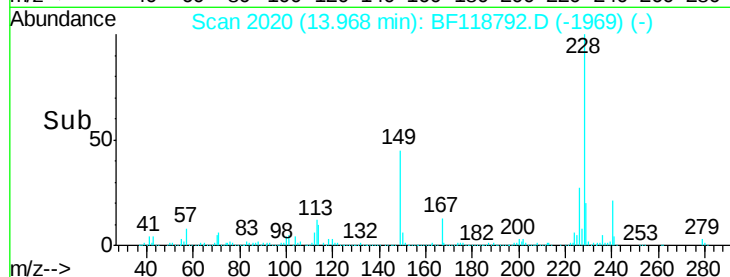
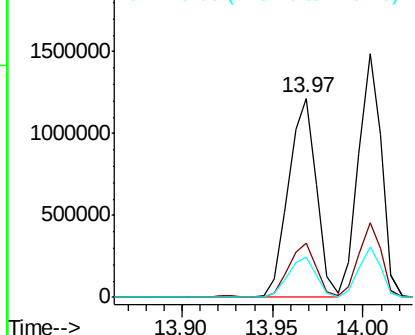


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 25.834 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

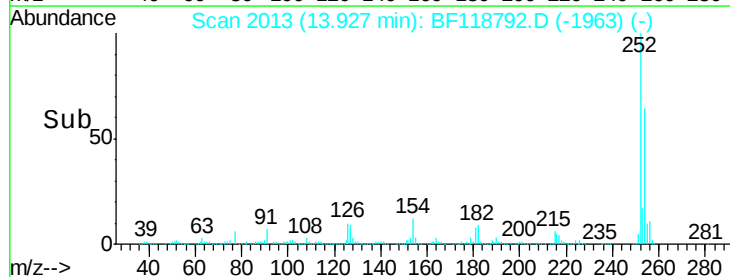
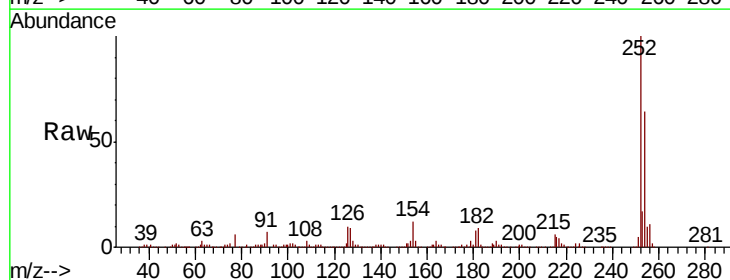
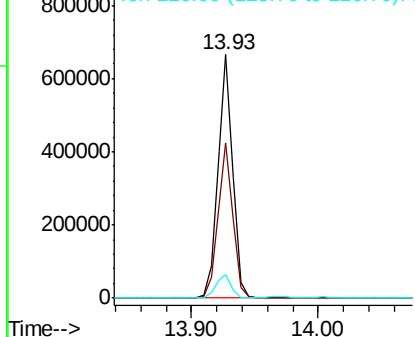
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.4	78.6
126	9.6	7.8	11.8

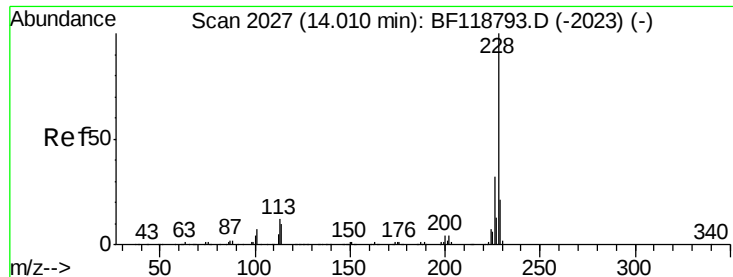
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





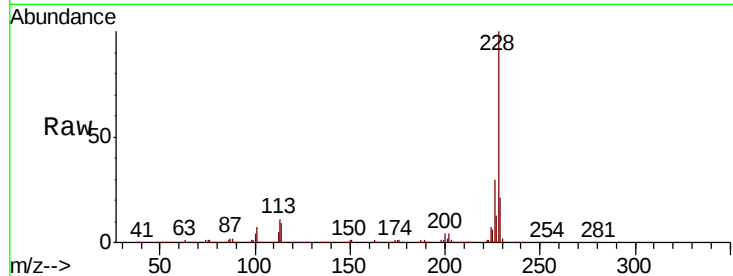
#83
Chrysene
Concen: 23.080 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

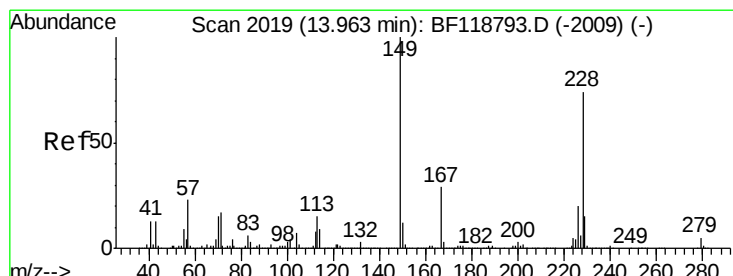
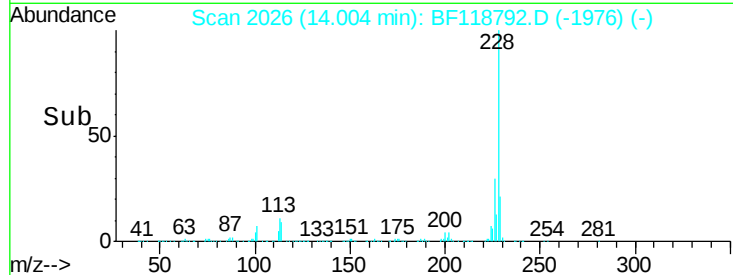
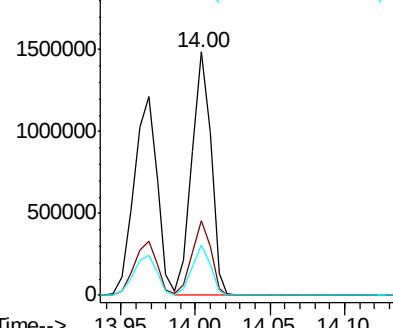
Tot Ion:228 Resp: 1316378
Ion Ratio Lower Upper
228 100
226 30.4 25.4 38.0
229 20.5 16.9 25.3

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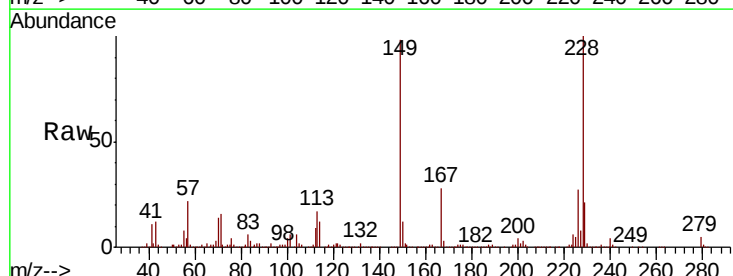


Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

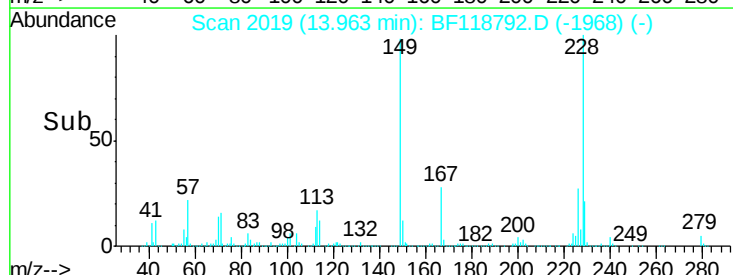
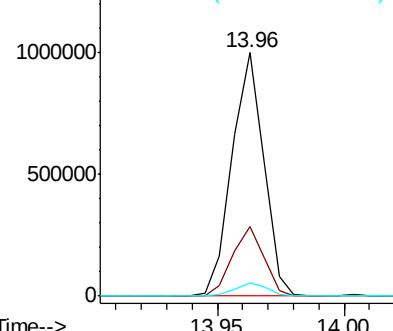


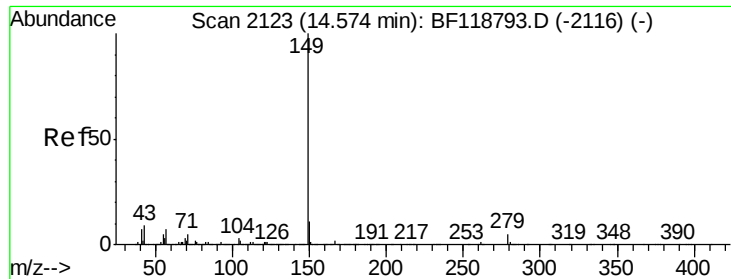
#84
Bis(2-ethylhexyl)phthalate
Concen: 26.045 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion:149 Resp: 874670
Ion Ratio Lower Upper
149 100
167 28.8 23.0 34.6
279 5.3 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





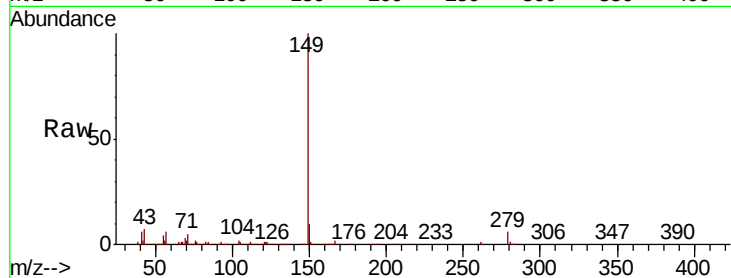
#85
Di-n-octyl phthalate
Concen: 30.320 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

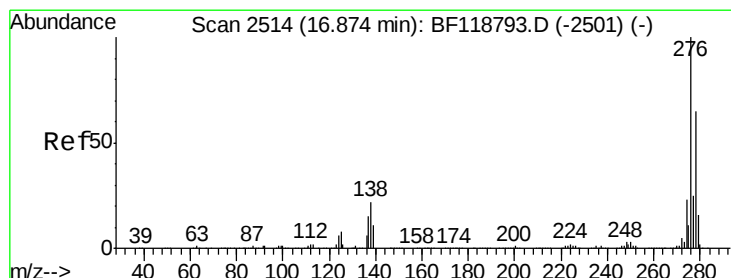
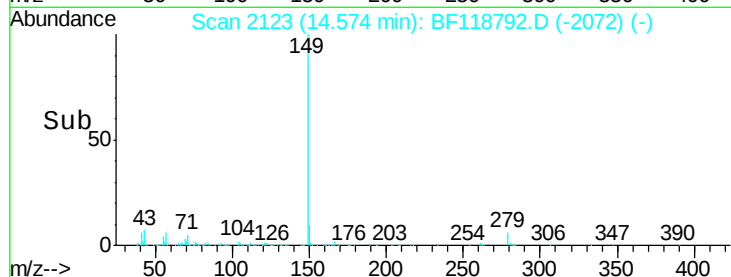
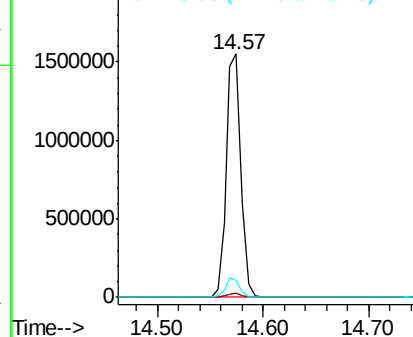
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.9	6.6	10.0

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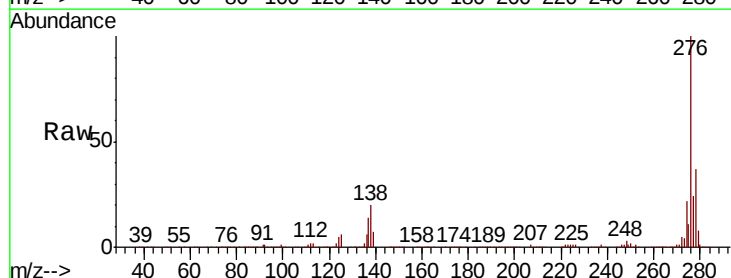


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

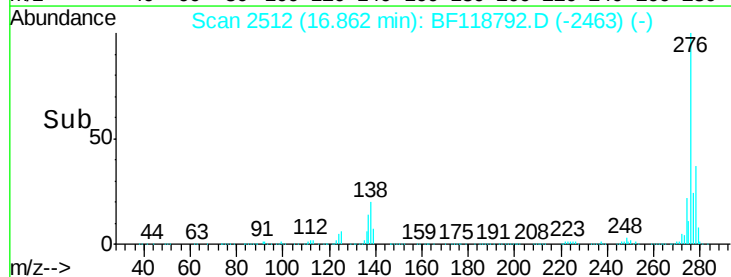
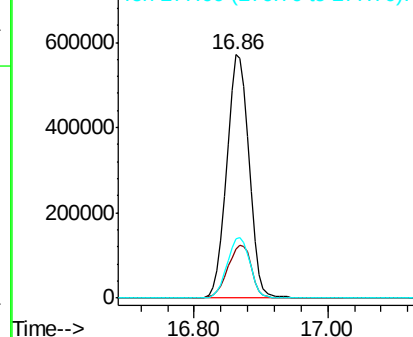


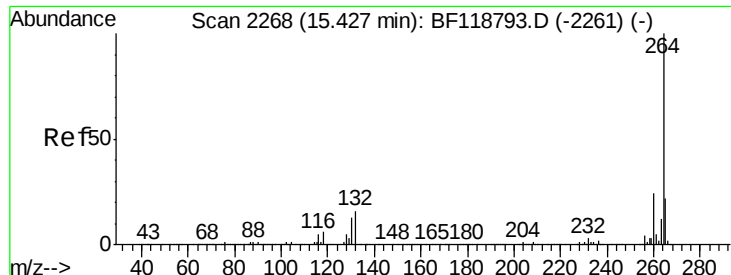
#86
Indeno(1,2,3-cd)pyrene
Concen: 27.381 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.3	27.5
277	25.5	20.2	30.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:264 Resp: 1089832

Ion Ratio Lower Upper

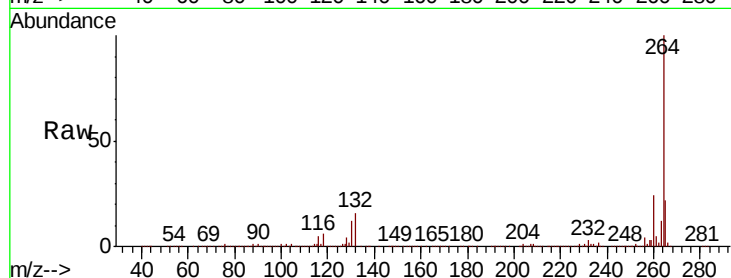
264 100

260 23.9 19.1 28.7

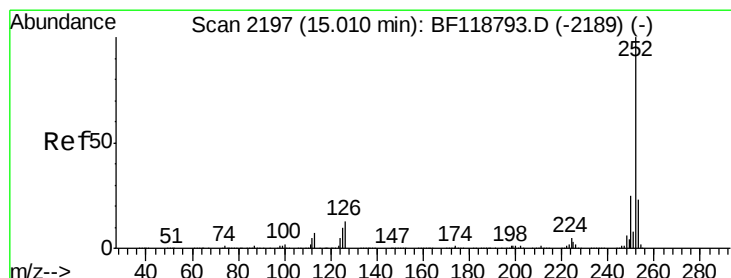
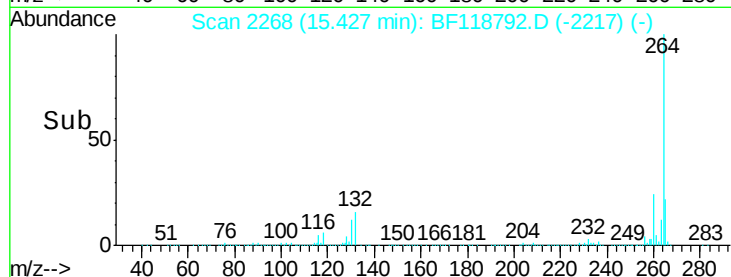
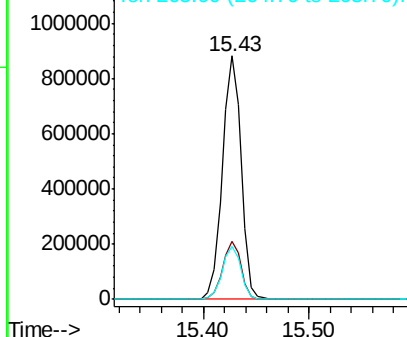
265 21.9 17.2 25.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 20.622 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

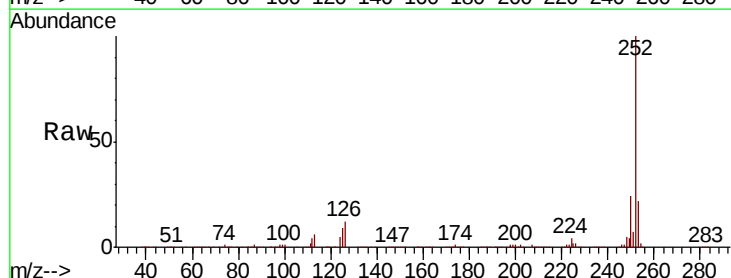
Tgt Ion:252 Resp: 1412653

Ion Ratio Lower Upper

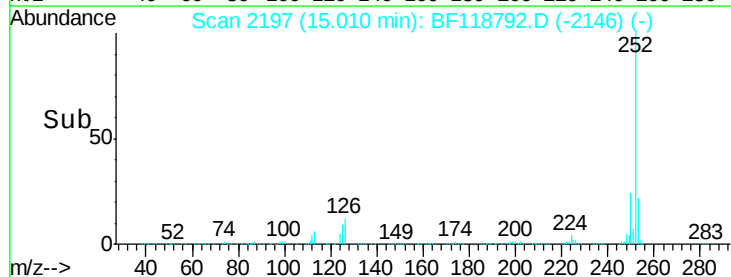
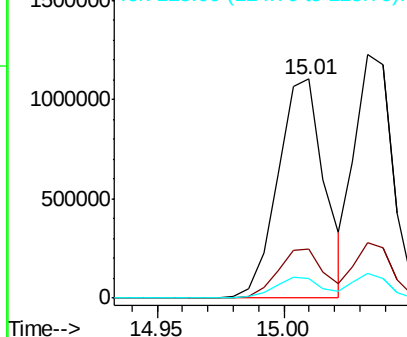
252 100

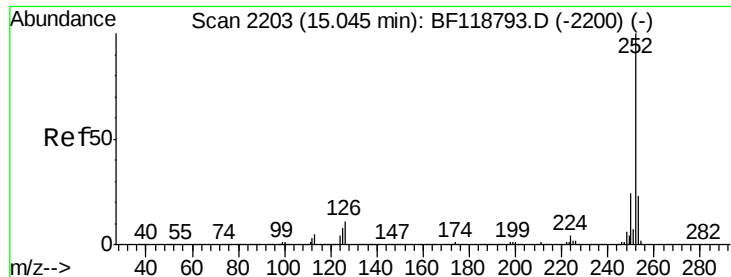
253 22.2 18.4 27.6

125 9.1 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





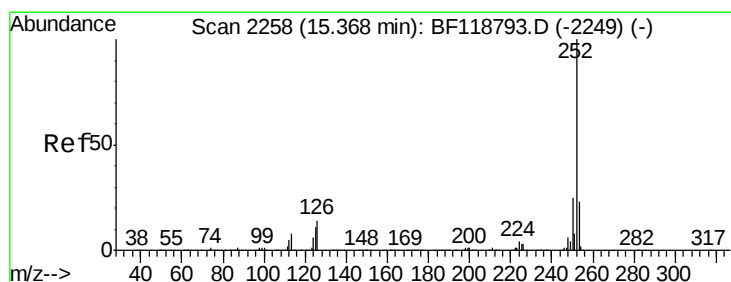
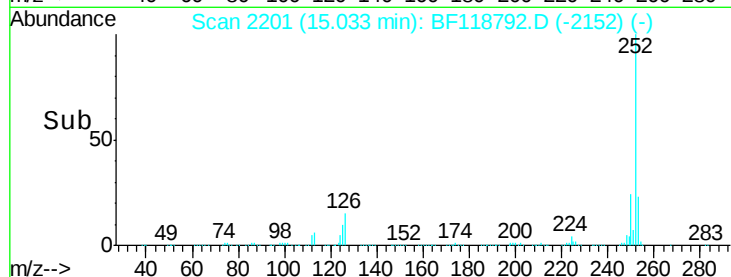
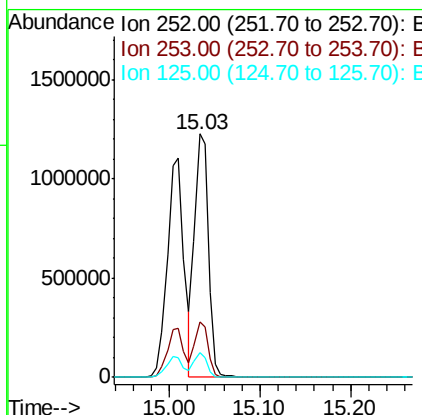
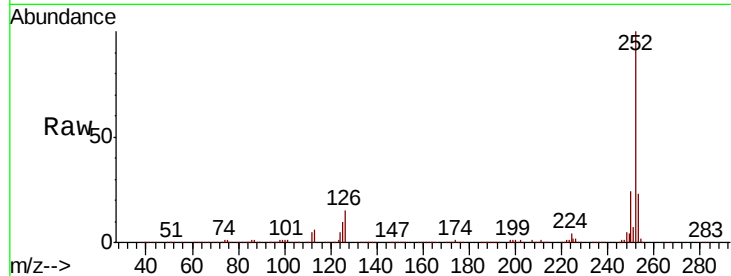
#89
Benzo(k)fluoranthene
Concen: 20.172 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.2	7.0	10.6

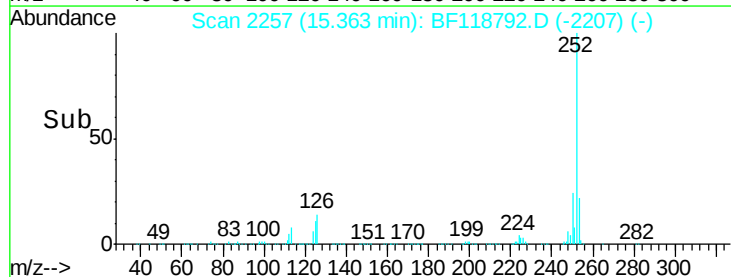
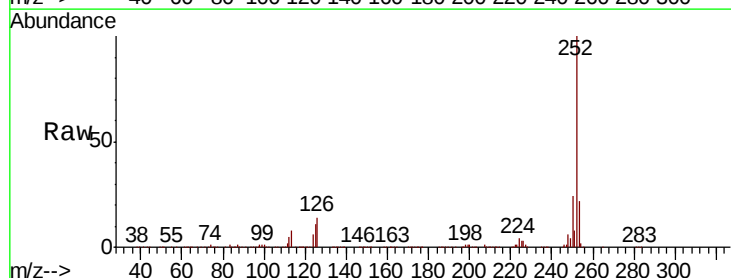
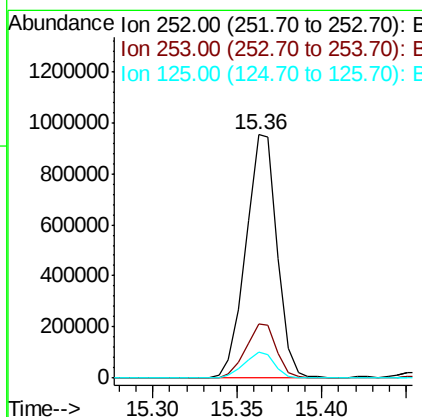
Manual Integrations
APPROVED

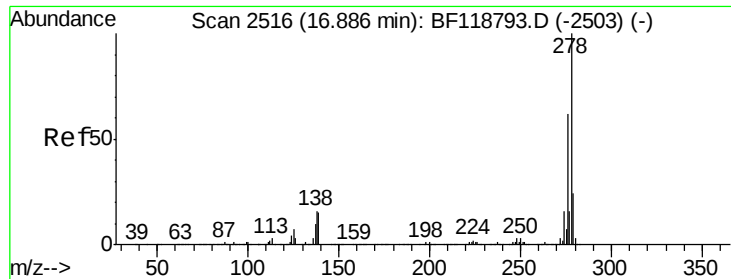
mohammad
2/4/2020 6:13:34 PM



#90
Benzo(a)pyrene
Concen: 20.886 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118792.D
Acq: 3 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.8	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 21.499 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:278 Resp: 1123797

Ion Ratio Lower Upper

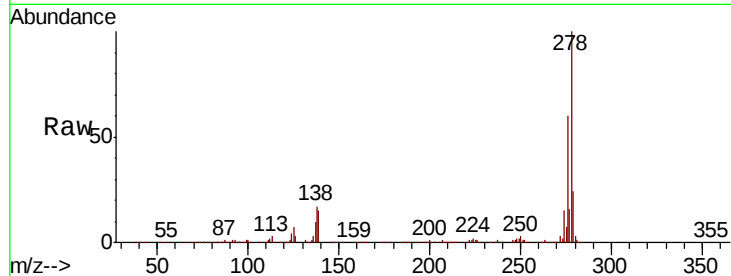
278 100

139 15.3 12.3 18.5

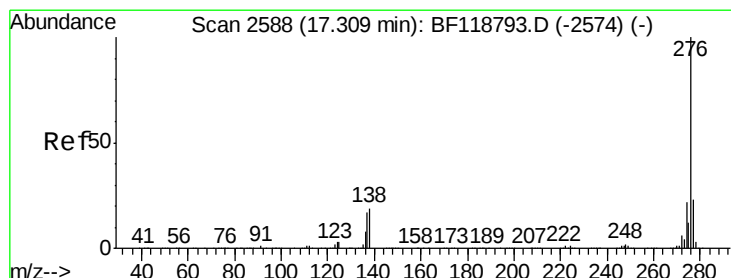
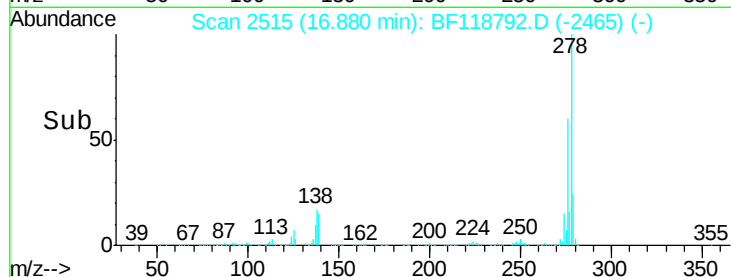
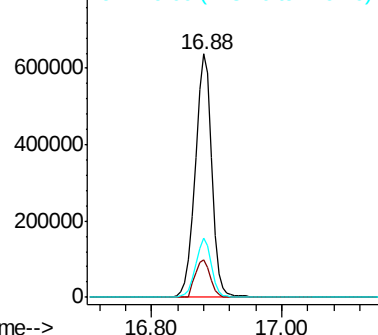
279 24.4 19.1 28.7

Manual Integrations
APPROVED

mohammad
2/4/2020 6:13:34 PM



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



#92

Benzo(g,h,i)perylene

Concen: 20.747 ng

RT: 17.30 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BF118792.D

Acq: 3 Feb 2020 11:50

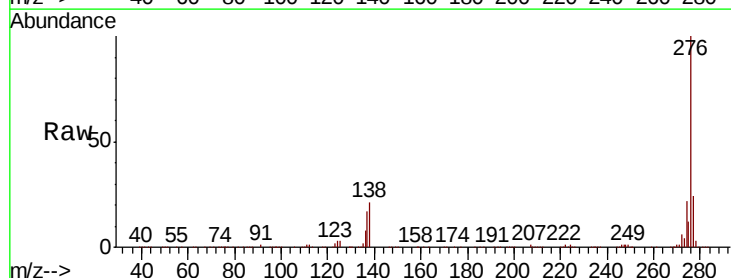
Tgt Ion:276 Resp: 1052960

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 20.8 15.4 23.2



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

