

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119212.D
 Acq On : 5 Mar 2020 13:55
 Operator : CG/JU
 Sample : PB127257BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Manual Integrations
 APPROVED

mohammad
 3/9/2020 8:26:52 AM

Quant Time: Mar 06 06:44:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110217	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	425124	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	243528	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	459807	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	297820	20.00	ng	-0.01
87) Perylene-d12	15.32	264	248805	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	827042	125.40	ng	0.00
7) Phenol-d6	6.39	99	1008294	125.71	ng	-0.01
23) Nitrobenzene-d5	7.29	82	611479	75.95	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	386443	121.30	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1269557	76.80	ng	-0.02
79) Terphenyl-d14	12.83	244	1515232	87.59	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	118849	40.475	ng	98
3) Pyridine	3.20	79	292957	36.531	ng	99
4) n-Nitrosodimethylamine	3.14	42	110346	45.423	ng	91
6) Aniline	6.39	93	317936	32.124	ng	# 75
8) 2-Chlorophenol	6.52	128	342525	48.125	ng	98
9) Benzaldehyde	6.27	77	149406	27.880	ng	99
10) Phenol	6.40	94	409767	47.251	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	310131	46.739	ng	98
12) 1,3-Dichlorobenzene	6.67	146	371975	43.604	ng	98
13) 1,4-Dichlorobenzene	6.75	146	377999	44.280	ng	98
14) 1,2-Dichlorobenzene	6.90	146	352258	45.246	ng	98
15) Benzyl Alcohol	6.88	79	286219	49.374	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	249436	43.396	ng	# 13
17) 2-Methylphenol	7.00	107	283123	49.064	ng	96
18) Hexachloroethane	7.23	117	134993	44.201	ng	100
19) n-Nitroso-di-n-propylamine	7.14	70	236416	50.583	ng	97
20) 3+4-Methylphenols	7.16	107	371696	52.576	ng	# 84
22) Acetophenone	7.14	105	469668	47.749	ng	# 95
24) Nitrobenzene	7.31	77	354460	44.518	ng	97
25) Isophorone	7.55	82	644743	46.108	ng	99
26) 2-Nitrophenol	7.63	139	193955	45.974	ng	97
27) 2,4-Dimethylphenol	7.68	122	303912	53.079	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	394100	43.300	ng	99
29) 2,4-Dichlorophenol	7.88	162	306222	45.431	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	335952	42.038	ng	98
31) Naphthalene	8.03	128	999191	45.320	ng	98
32) Benzoic acid	7.84	122	162223	40.106	ng	97
33) 4-Chloroaniline	8.09	127	243652	25.694	ng	98
34) Hexachlorobutadiene	8.14	225	202552	40.689	ng	98
35) Caprolactam	8.46	113	94426m	45.496	ng	
36) 4-Chloro-3-methylphenol	8.59	107	324111	47.512	ng	99
37) 2-Methylnaphthalene	8.72	142	692970	46.704	ng	98
38) 1-Methylnaphthalene	8.82	142	649179	46.523	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347835	42.363	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	174374	60.887	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	214578	41.384	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	225387	41.424	nq	99
46) 1,1'-Biphenyl	9.19	154	841167	42.738	nq	98
47) 2-Chloronaphthalene	9.22	162	675263	42.574	nq	96
48) 2-Nitroaniline	9.32	65	190459	43.053	nq	98
49) Acenaphthylene	9.63	152	1036379	45.242	nq	100
50) Dimethylphthalate	9.49	163	829435	44.540	nq	99
51) 2,6-Dinitrotoluene	9.56	165	185258	44.778	nq #	89
52) Acenaphthene	9.80	154	610803	44.220	nq	99
53) 3-Nitroaniline	9.73	138	123192	26.859	nq	96
54) 2,4-Dinitrophenol	9.85	184	138664	69.991	nq	93
55) Dibenzofuran	9.97	168	913832	44.324	nq	99
56) 4-Nitrophenol	9.92	139	171520	62.240	nq	96
57) 2,4-Dinitrotoluene	9.97	165	232489	43.353	nq	93
58) Fluorene	10.32	166	746672	46.607	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	191796	41.776	nq	99
60) Diethylphthalate	10.19	149	802241	45.714	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	387212	45.662	nq	97
62) 4-Nitroaniline	10.34	138	158879	33.857	nq	94
63) Azobenzene	10.46	77	717480	47.036	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	127422	45.796	nq	95
66) n-Nitrosodiphenylamine	10.43	169	667029	44.304	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	256507	42.678	nq	94
68) Hexachlorobenzene	10.87	284	289351	41.756	nq	98
69) Atrazine	10.96	200	237733	45.194	nq	98
70) Pentachlorophenol	11.07	266	187216	67.069	nq	98
71) Phenanthrene	11.27	178	1101738	43.937	nq	98
72) Anthracene	11.33	178	1129798	45.093	nq	98
73) Carbazole	11.49	167	957024	42.876	nq	98
74) Di-n-butylphthalate	11.81	149	1245165	46.065	nq	98
75) Fluoranthene	12.46	202	1141531	42.887	nq	99
77) Benzidine	12.58	184	374640	30.931	nq	98
78) Pyrene	12.69	202	1125704	47.072	nq	99
80) Butylbenzylphthalate	13.30	149	485506	48.237	nq	97
81) Benzo(a)anthracene	13.88	228	910955	44.891	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	238142	30.222	nq	98
83) Chrysene	13.92	228	853319	42.202	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	673590	52.973	nq	100
85) Di-n-octyl phthalate	14.47	149	1020004	50.346	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	772017	39.432	nq	100
88) Benzo(b)fluoranthene	14.91	252	768672	46.871	nq	99
89) Benzo(k)fluoranthene	14.93	252	715771	47.096	nq	99
90) Benzo(a)pyrene	15.26	252	650935	43.978	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	652259	50.083	nq	99
92) Benzo(g,h,i)perylene	17.14	276	657668	51.110	nq	98

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

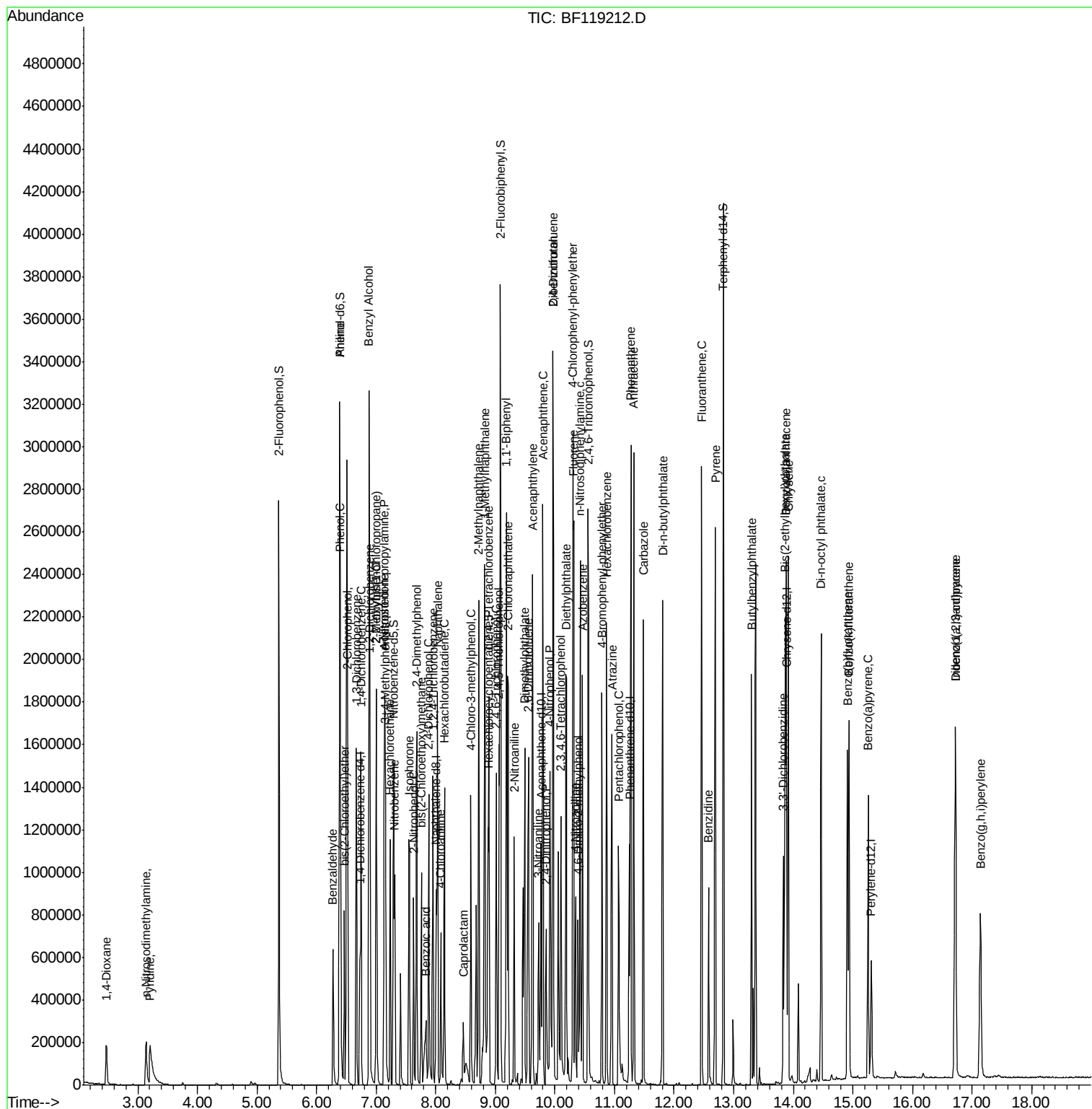
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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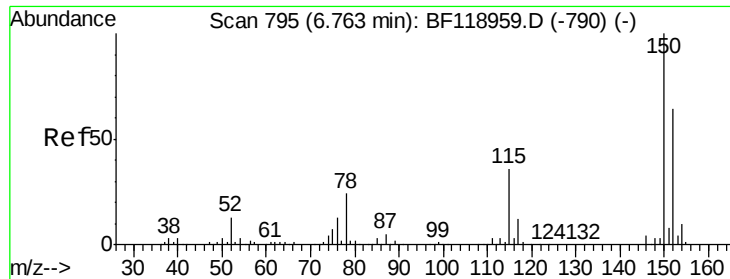
Instrument :
BNA_F
ClientSampled :
PB127257BS

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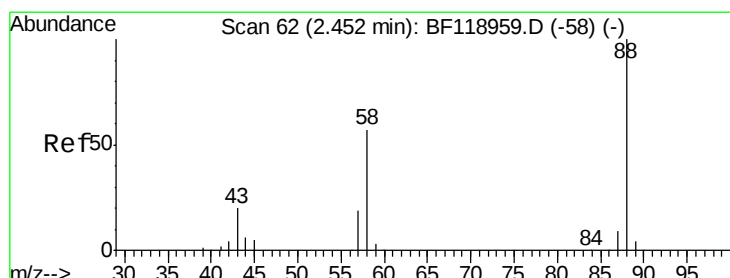
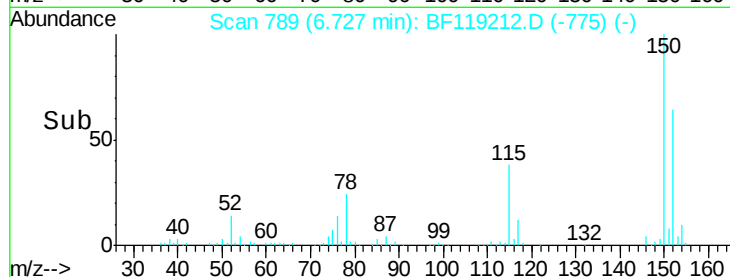
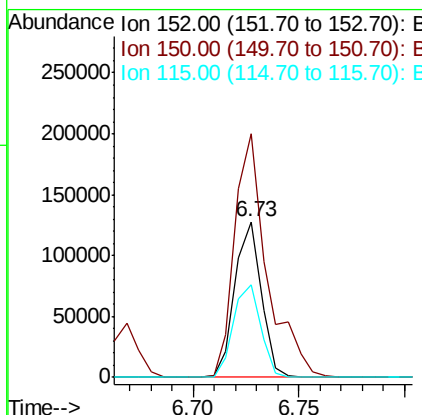
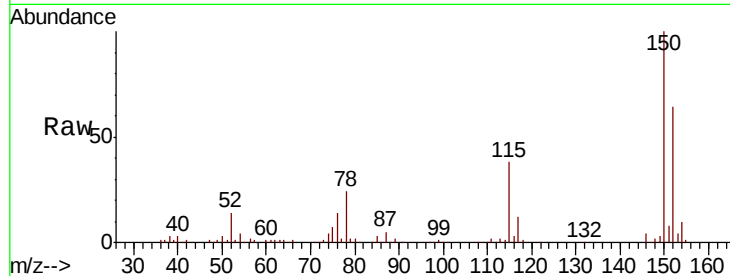
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleID :
 PB127257BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.6
115	59.4	49.5	74.3

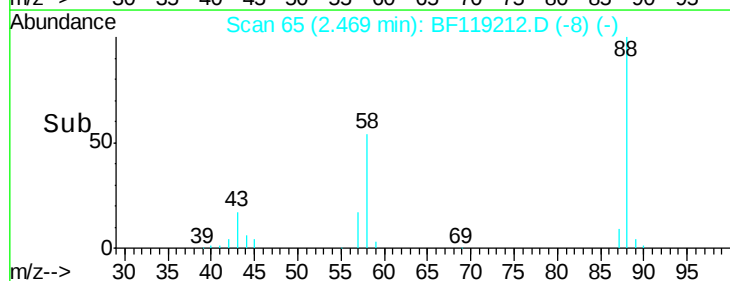
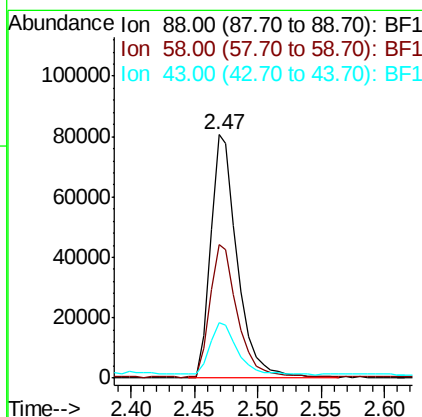
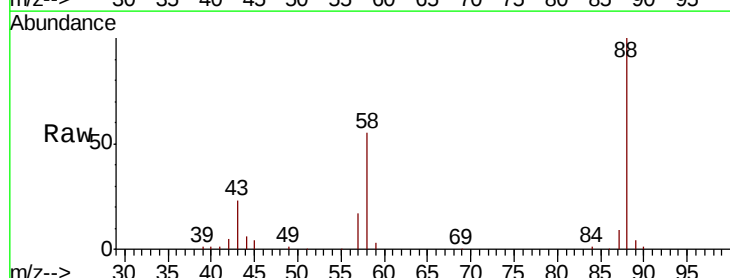
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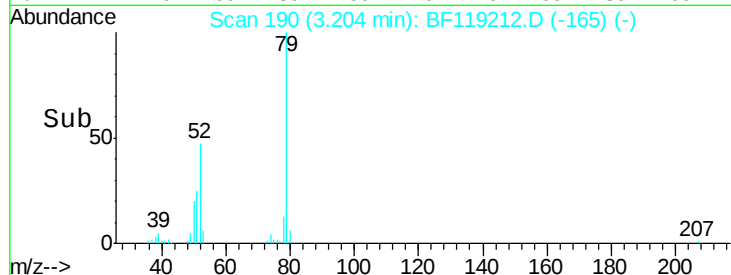
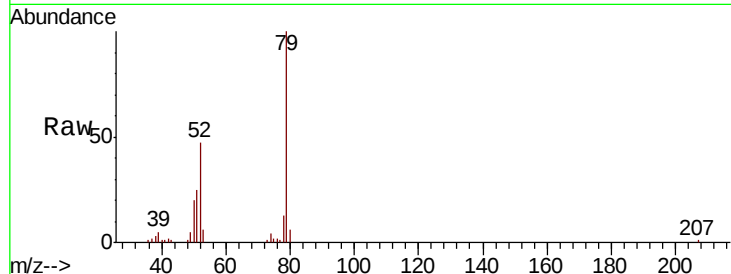
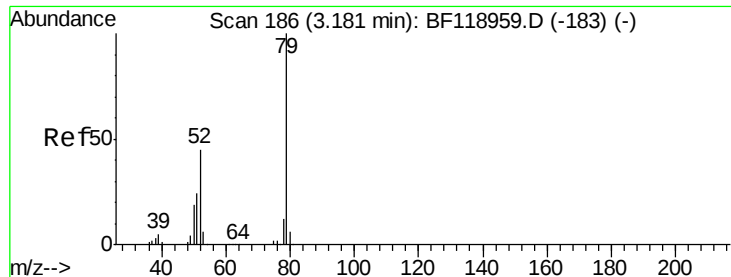
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#2
 1,4-Dioxane
 Concen: 40.475 ng
 RT: 2.47 min Scan# 65
 Delta R.T. 0.03 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.9	43.8	65.6
43	21.9	16.2	24.4





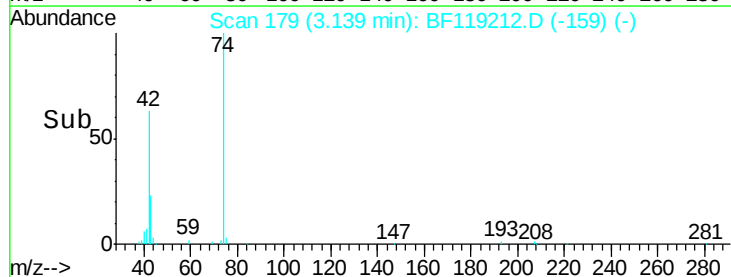
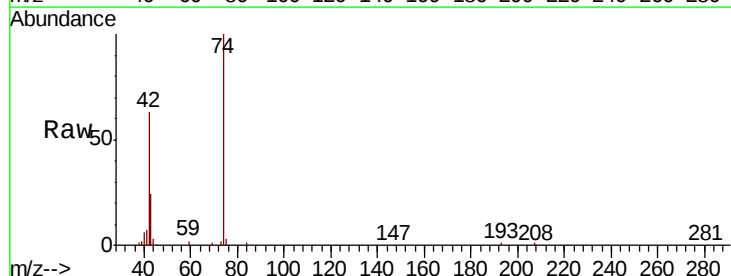
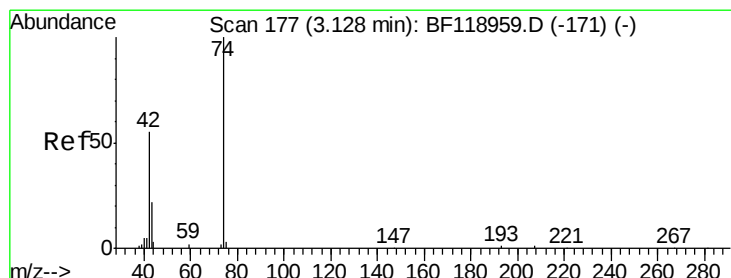
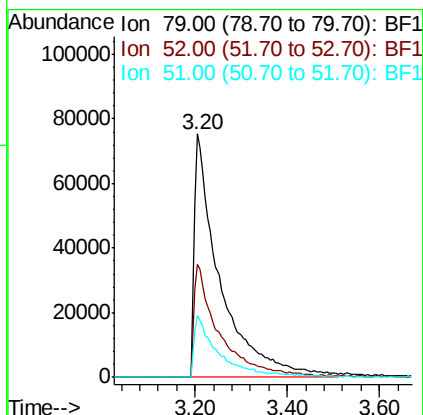
#3
Pvridine
Concen: 36.531 ng
RT: 3.20 min Scan# 190
Delta R.T. 0.05 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tot Ion	79	Resp	292957
Ion Ratio	100	Lower	Upper
79	100		
52	46.6	37.4	56.0
51	25.4	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
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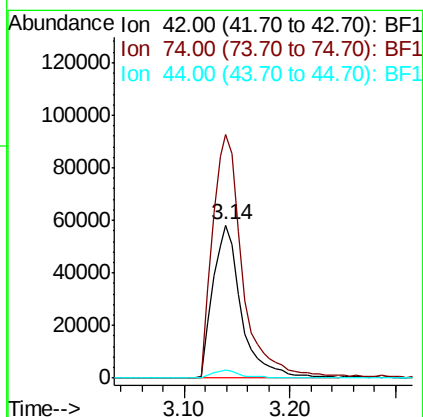
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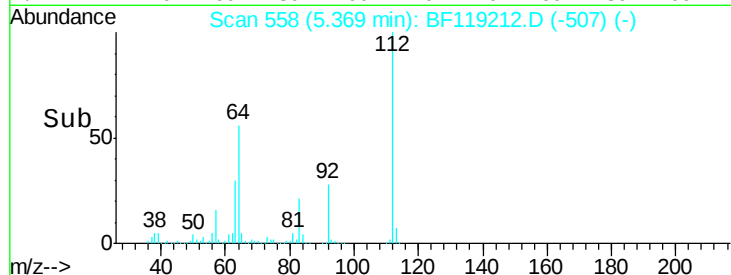
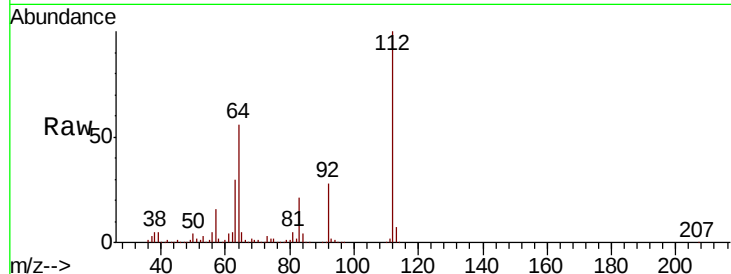
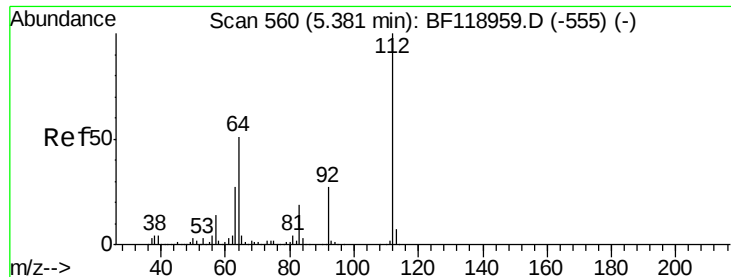
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#4
n-Nitrosodimethylamine
Concen: 45.423 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	42	Resp	110346
Ion Ratio	100	Lower	Upper
42	100		
74	158.9	137.7	206.5
44	5.5	4.5	6.7





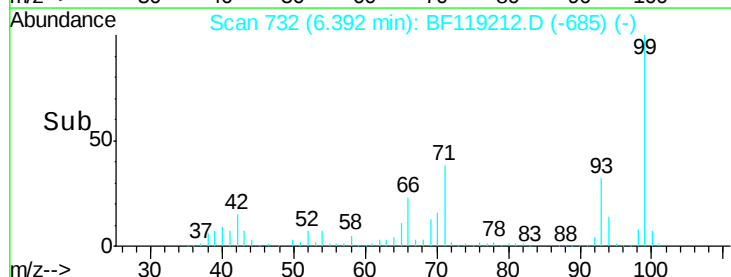
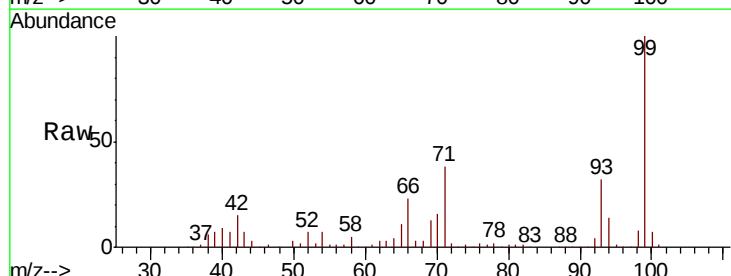
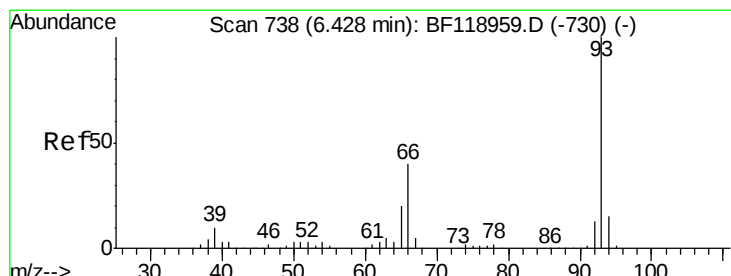
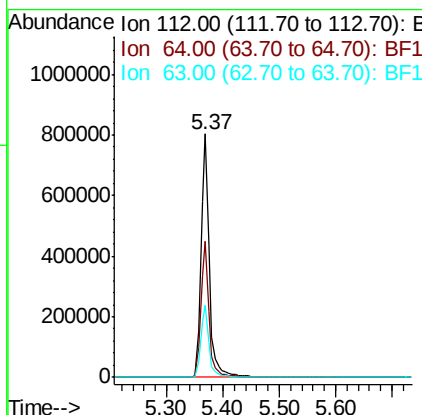
#5
2-Fluorophenol
Concen: 125.401 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tot Ion	Ratio	Resp	Lower	Upper
112	100	827042		
64	56.0		45.0	67.4
63	29.8		24.2	36.4

Instrument :
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ClientSampleId :
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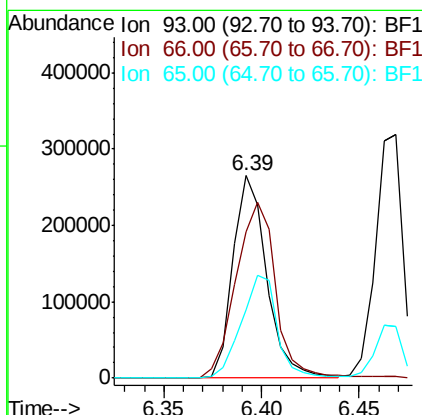
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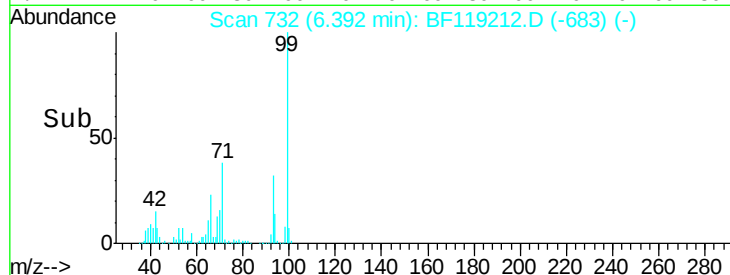
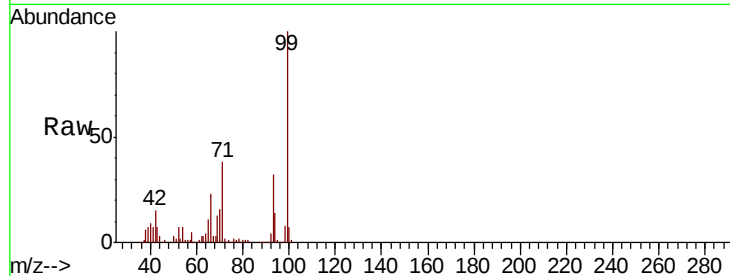
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#6
Aniline
Concen: 32.124 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	317936		
66	72.3		74.5	111.7#
65	33.6		45.3	67.9#





#7

Phenol-d6

Concen: 125.708 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tot Ion: 99 Resp: 1008294

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

71 38.4 31.0 46.4

Instrument :

BNA_F

ClientSampled :

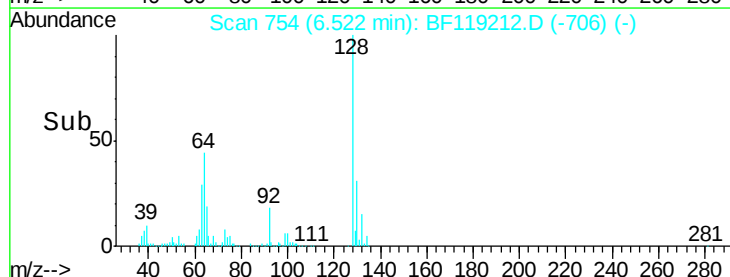
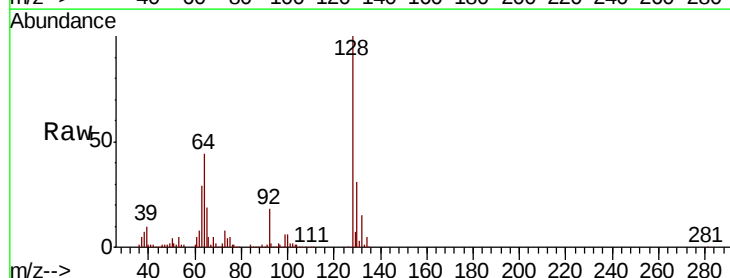
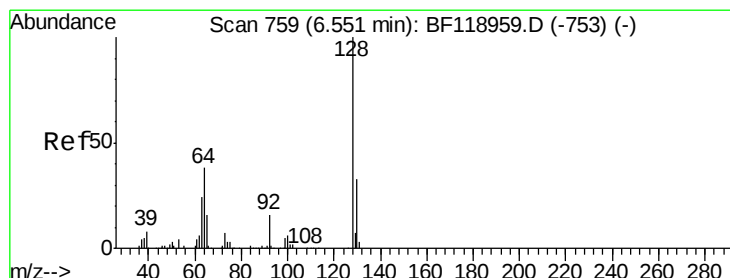
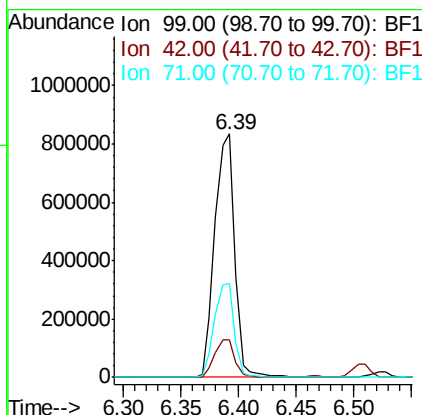
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#8

2-Chlorophenol

Concen: 48.125 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

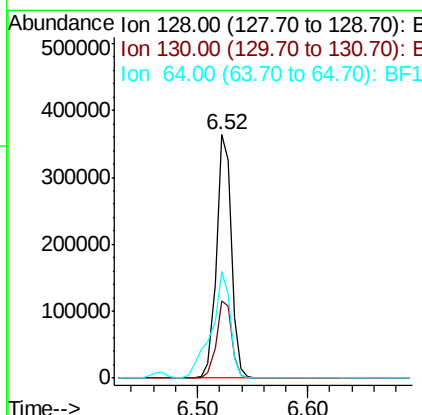
Tgt Ion: 128 Resp: 342525

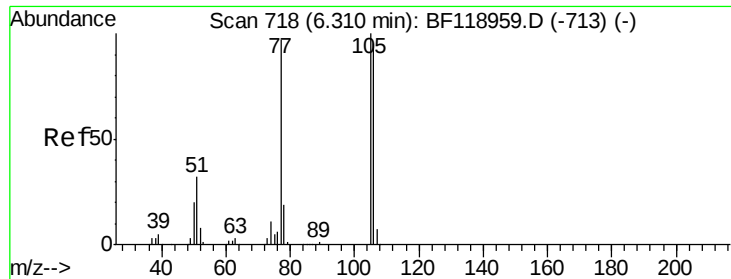
Ion Ratio Lower Upper

128 100

130 31.5 12.7 52.7

64 44.0 22.3 62.3





#9

Benzaldehyde

Concen: 27.880 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

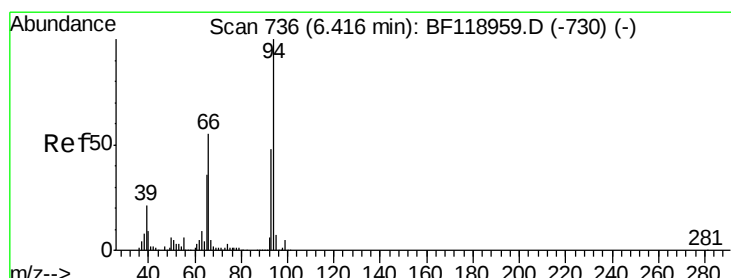
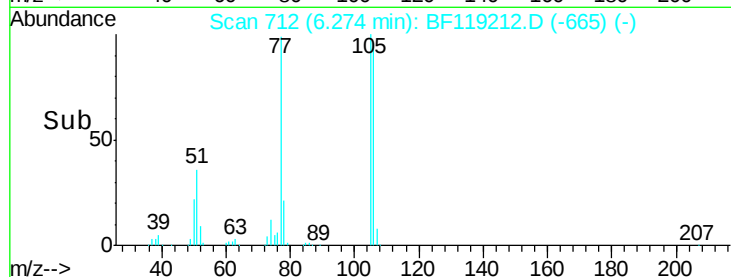
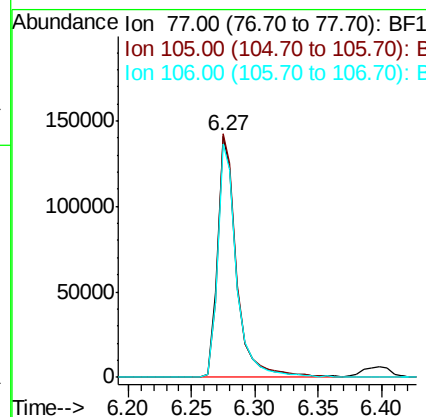
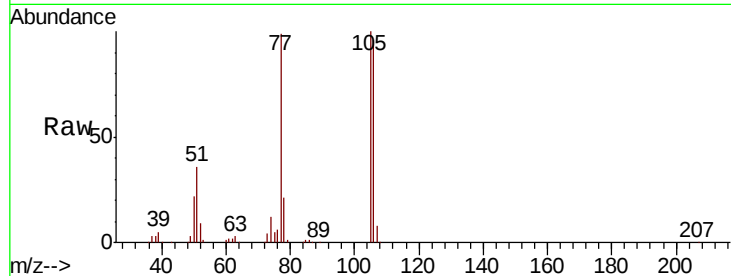
ClientSampleId :

PB127257BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.9	80.1	120.1		
106	96.8	75.9	115.9		

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#10

Phenol

Concen: 47.251 ng

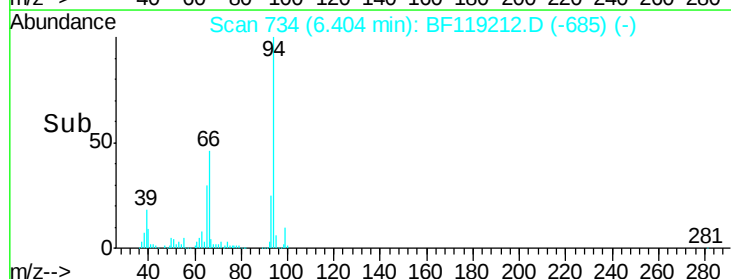
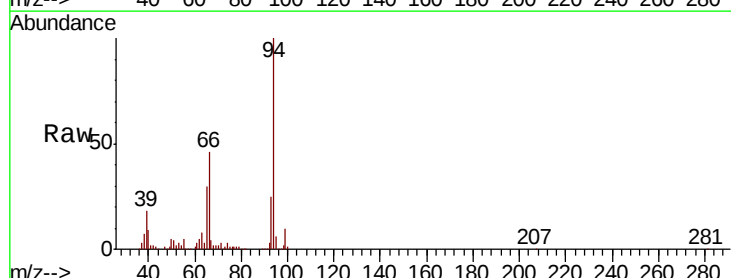
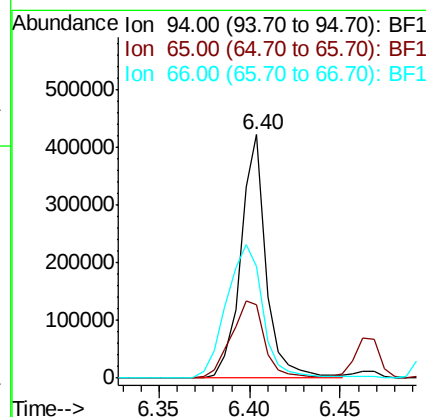
RT: 6.40 min Scan# 734

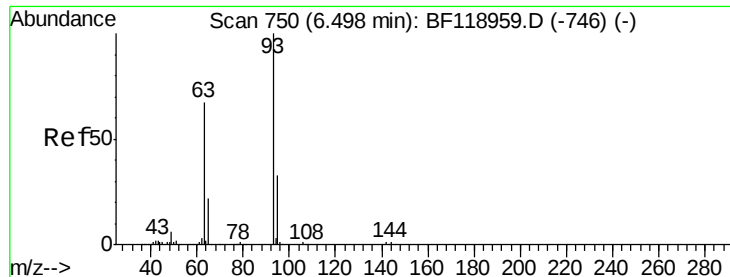
Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.2	19.2	59.2		
66	46.2	44.4	84.4		





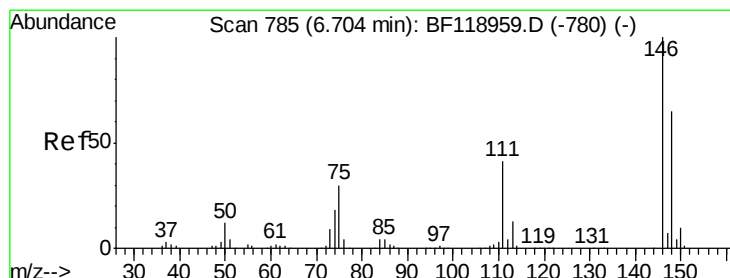
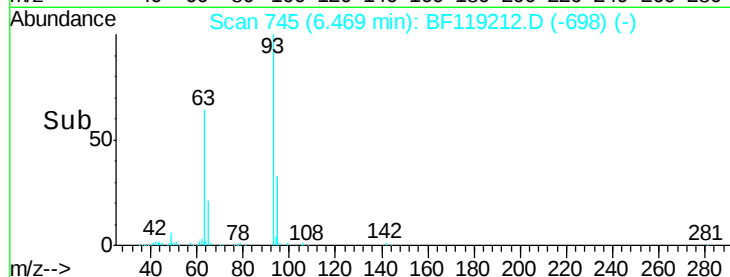
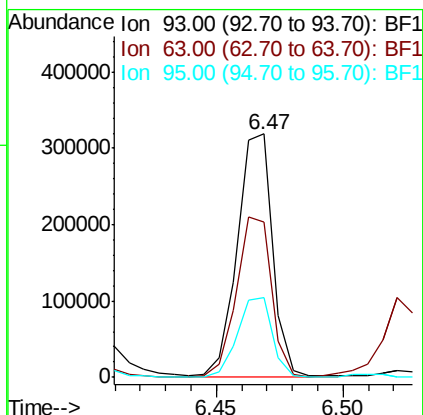
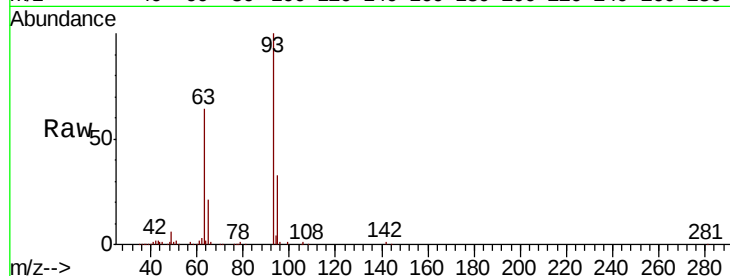
#11
bis(2-Chloroethyl)ether
Concen: 46.739 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion:	93	Resp:	310131
Ion	Ratio	Lower	Upper
93	100		
63	64.0	45.4	85.4
95	32.7	13.5	53.5

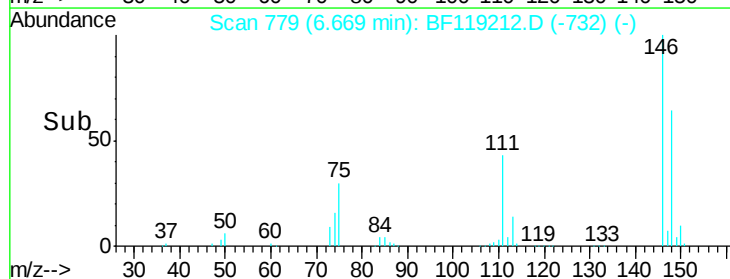
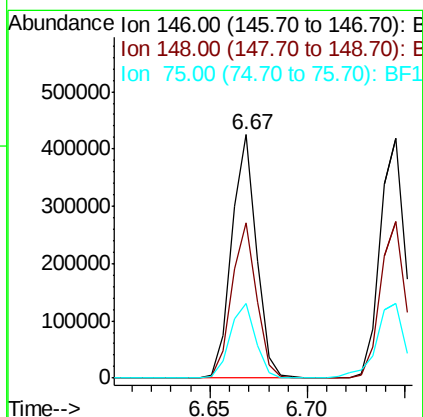
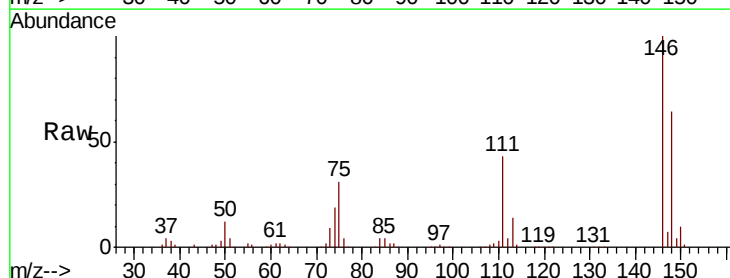
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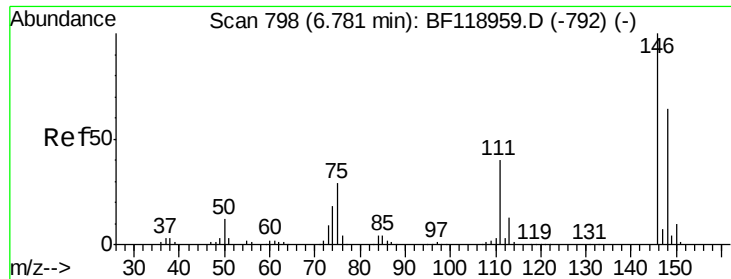
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.604 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:	146	Resp:	371975
Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.5	78.7
75	30.6	23.6	35.4





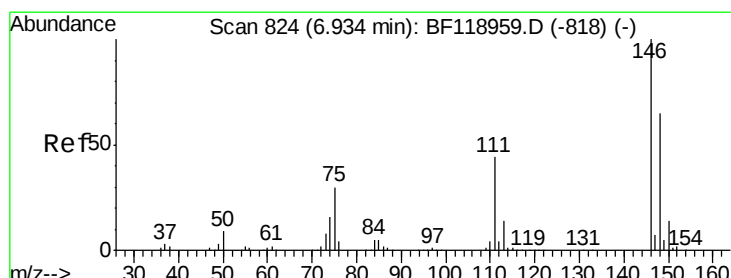
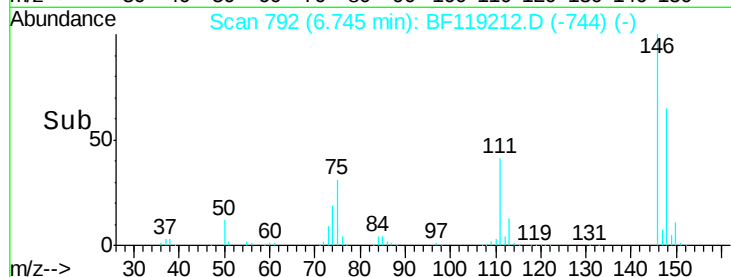
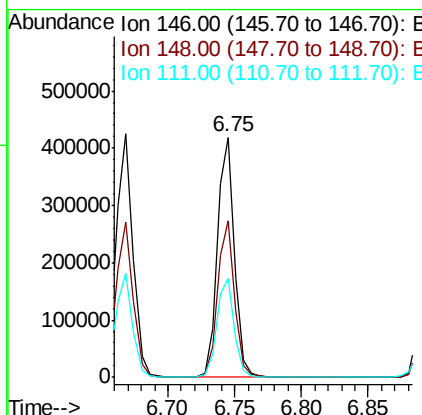
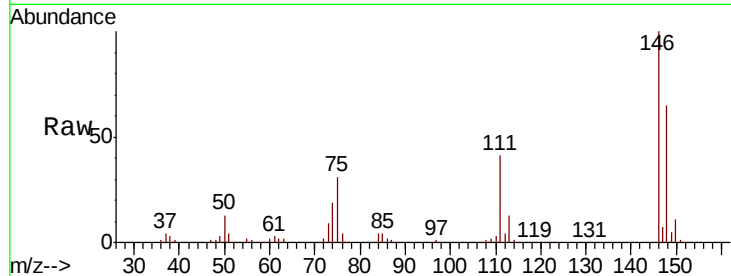
#13
 1,4-Dichlorobenzene
 Concen: 44.280 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	41.2	34.8	52.2

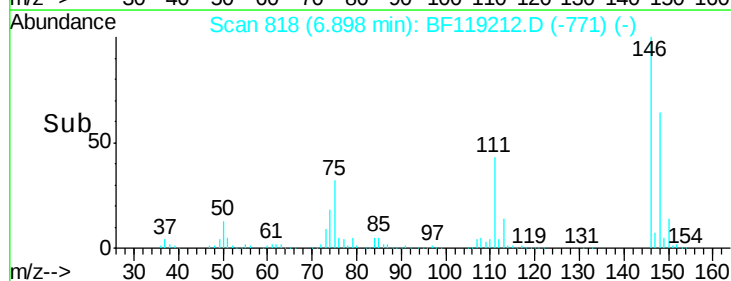
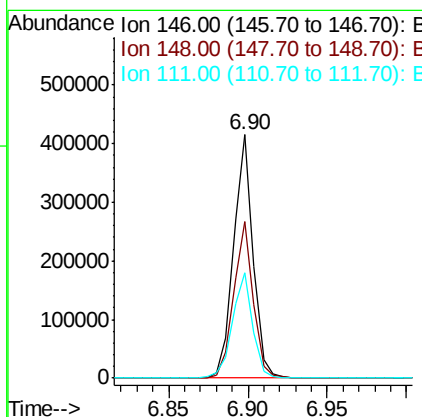
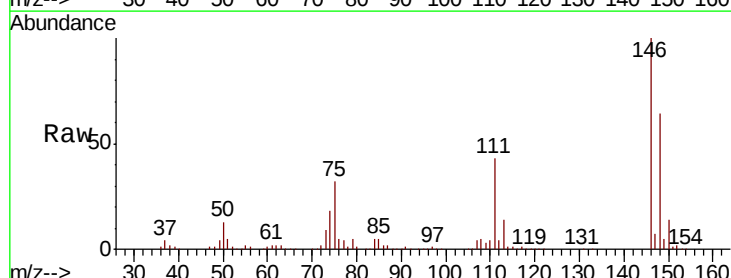
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#14
 1,2-Dichlorobenzene
 Concen: 45.246 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	43.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 49.374 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

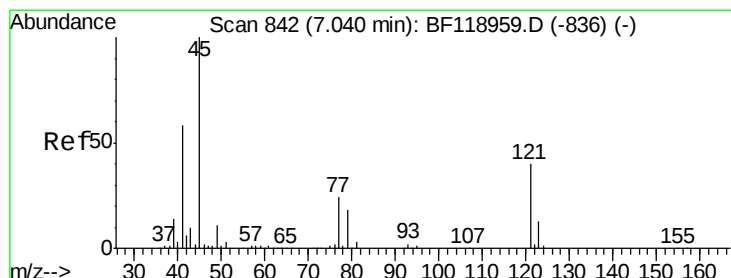
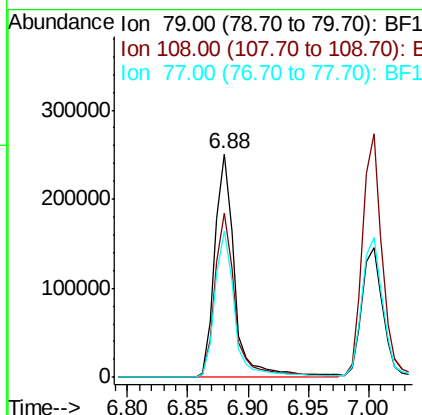
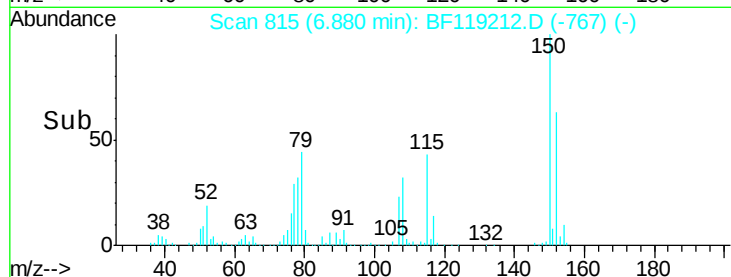
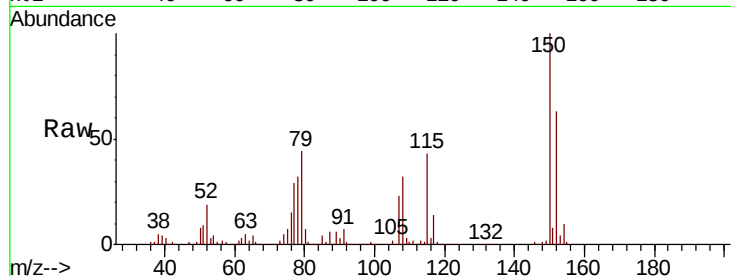
ClientSampled :

PB127257BS

Tot Ion:	79	Resp:	286219
Ion Ratio	Lower	Upper	
79	100		
108	73.3	58.2	87.2
77	65.4	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.396 ng

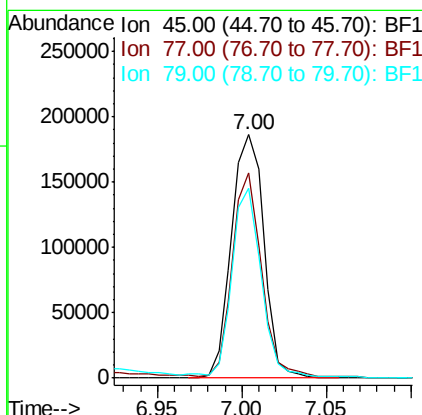
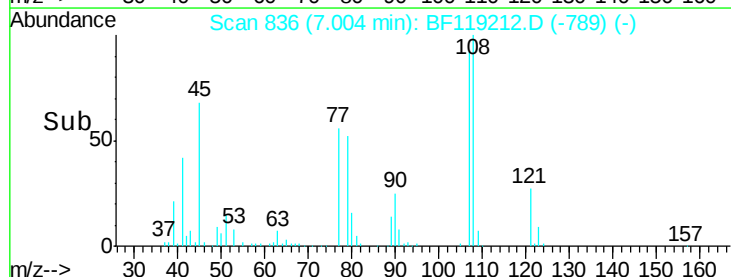
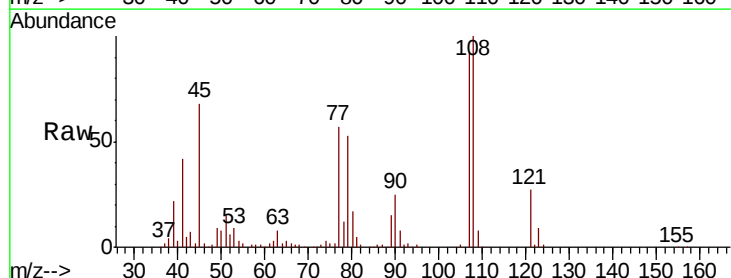
RT: 7.00 min Scan# 836

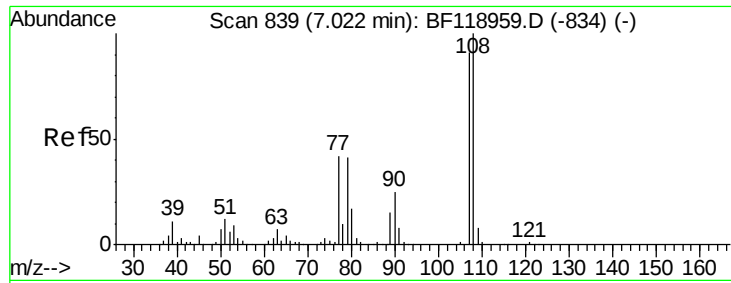
Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:	45	Resp:	249436
Ion Ratio	Lower	Upper	
45	100		
77	84.2	15.0	55.0#
79	78.1	9.4	49.4#





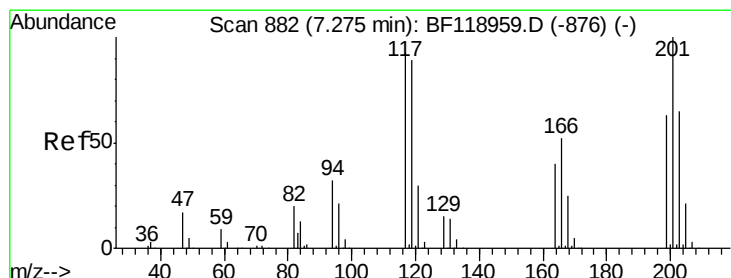
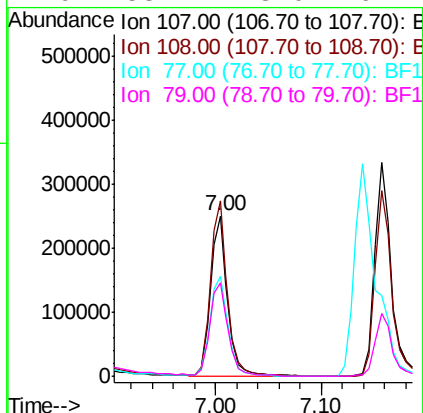
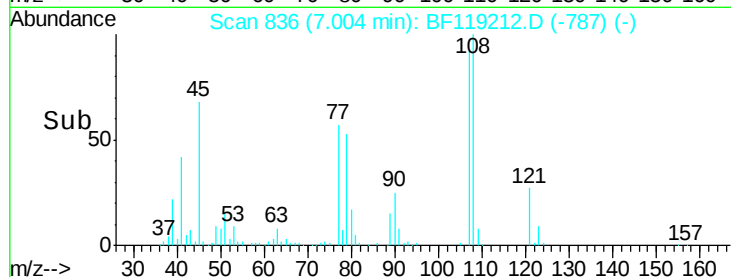
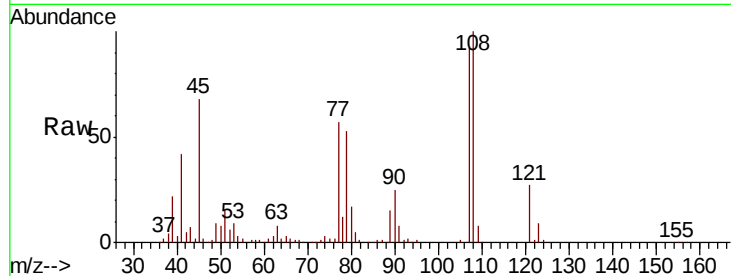
#17
2-Methylphenol
Concen: 49.064 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampled :
PB127257BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	87.9	131.9	
77	62.6	45.3	67.9	
79	58.1	43.0	64.4	

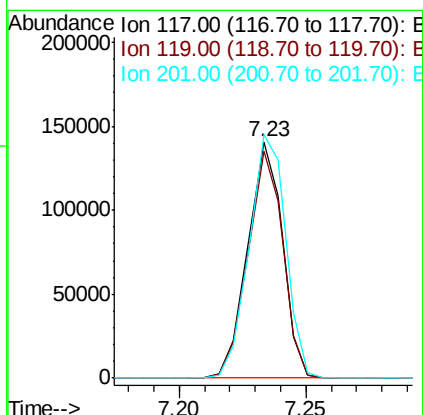
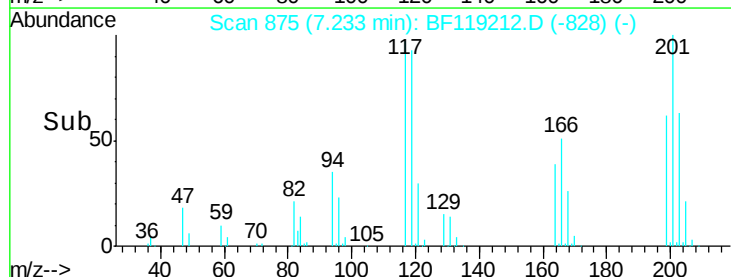
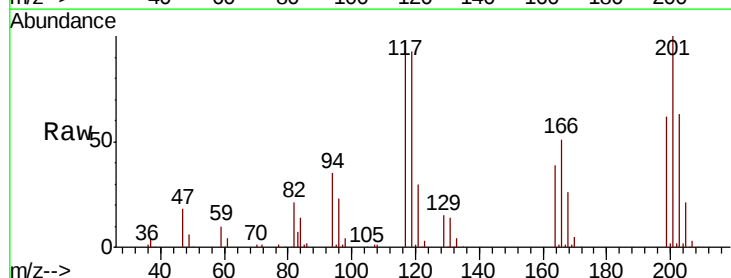
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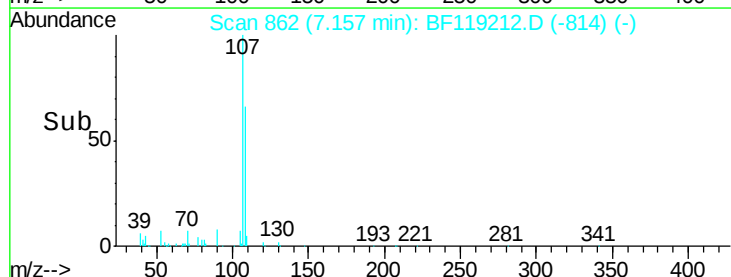
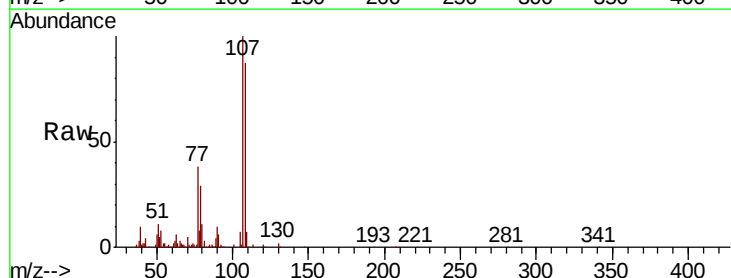
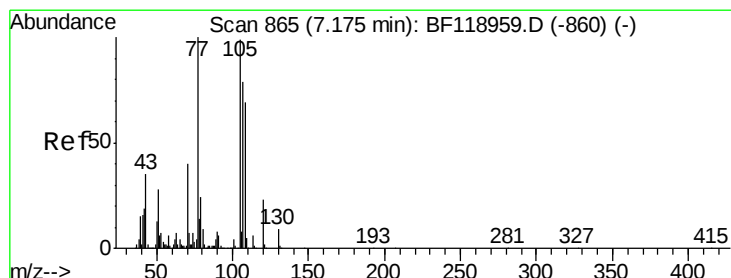
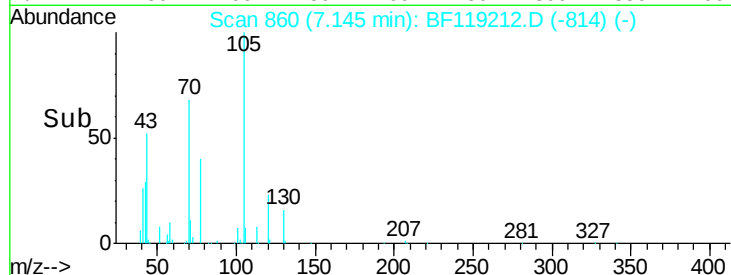
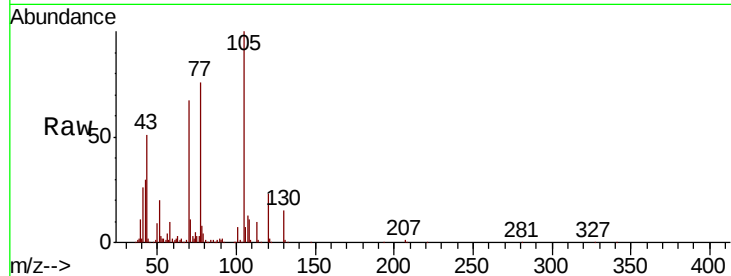
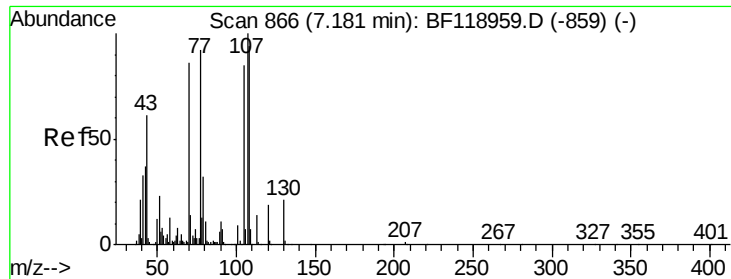
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#18
Hexachloroethane
Concen: 44.201 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

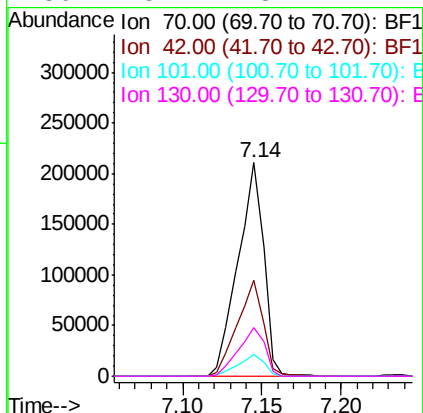
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.5	116.3	
201	103.0	82.6	123.8	





#19
n-Nitroso-di-n-propylamine
Concen: 50.583 ng
RT: 7.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		236416		
42	44.8	38.0	57.0		
101	10.0	8.2	12.4		
130	23.1	18.2	27.4		



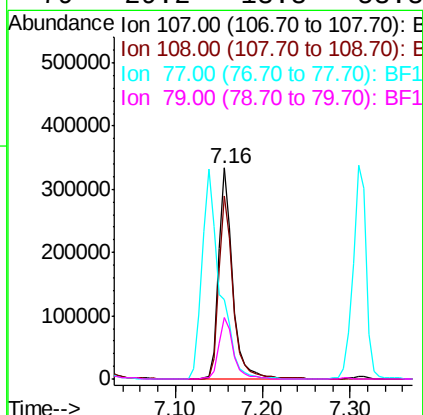
Instrument :
BNA_F
ClientSampleId :
PB127257BS

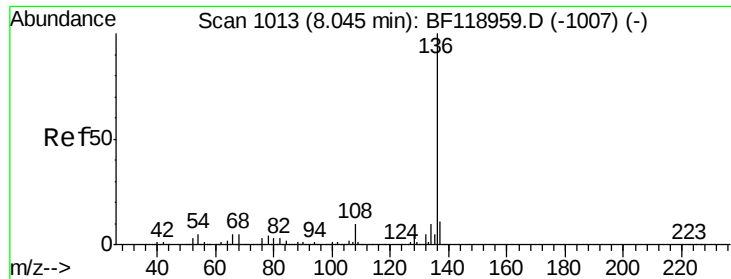
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#20
3+4-Methylphenols
Concen: 52.576 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		371696		
108	87.0	71.5	111.5		
77	37.8	45.9	85.9#		
79	29.2	13.8	53.8		





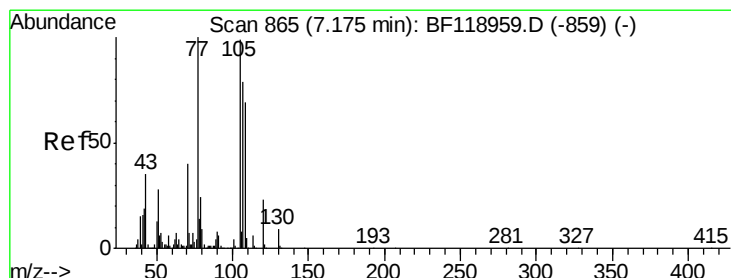
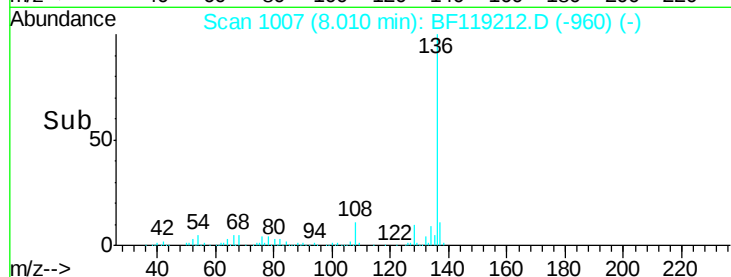
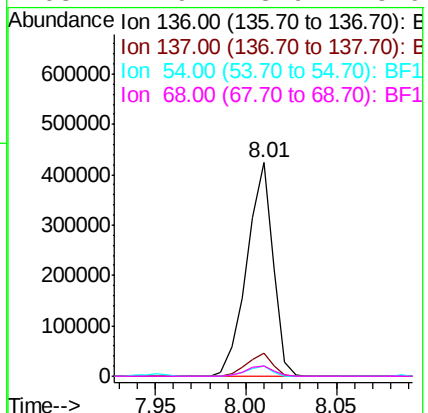
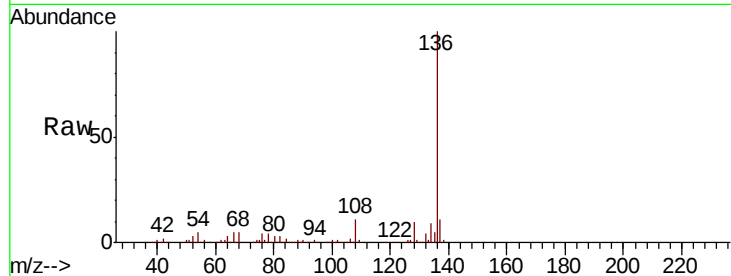
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		425124		
137	10.9		8.8	13.2	
54	4.8		3.8	5.6	
68	4.9		3.9	5.9	

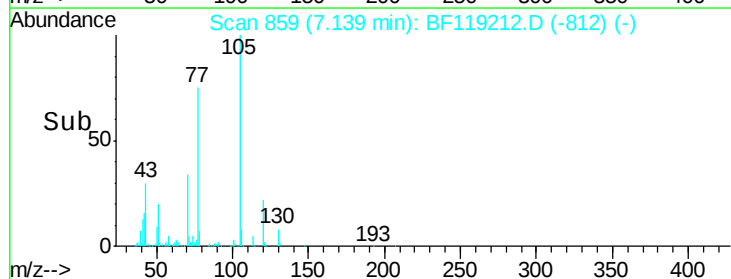
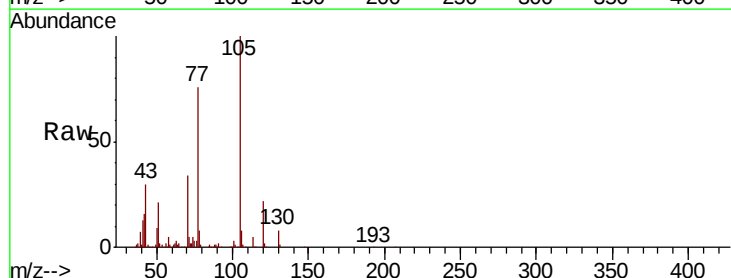
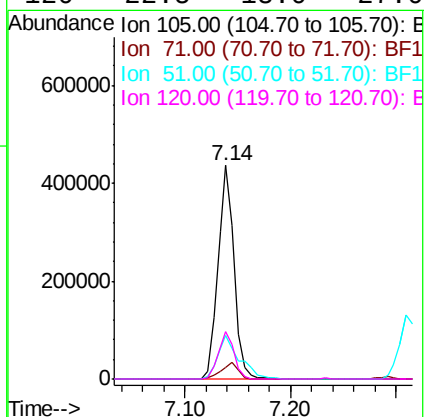
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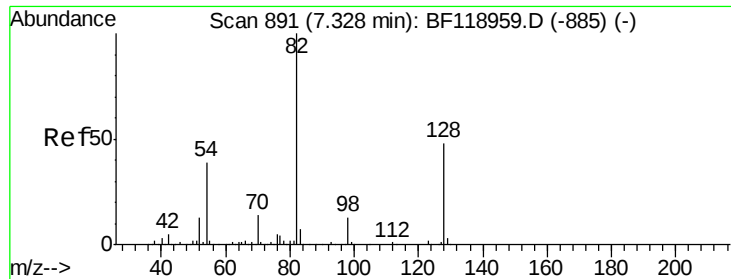
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#22
Acetophenone
Concen: 47.749 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		469668		
71	5.5		3.0	4.4#	
51	20.5		20.1	30.1	
120	22.5		18.0	27.0	





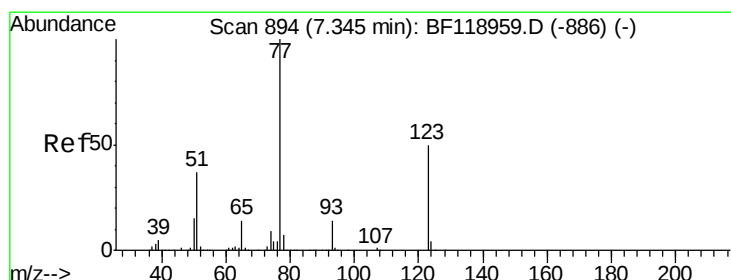
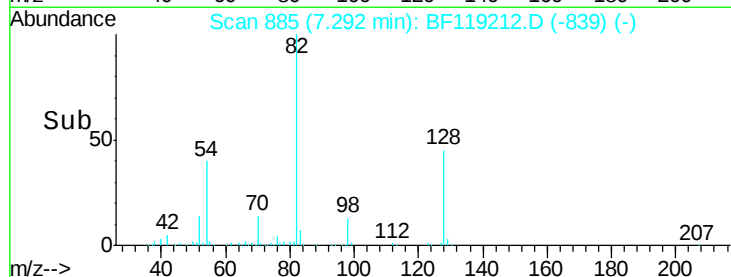
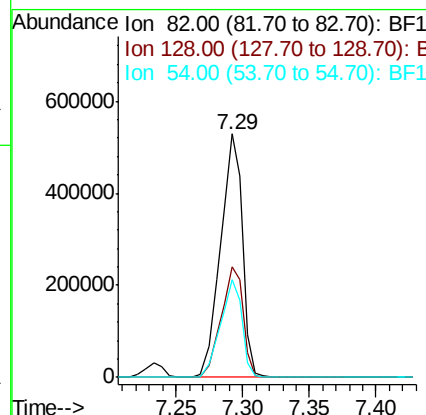
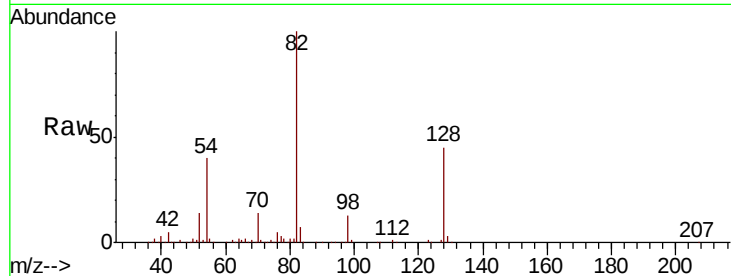
#23
 Nitrobenzene-d5
 Concen: 75.945 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion	82	Resp	611479
Ion Ratio	100	Lower	Upper
82	100		
128	45.4	37.9	56.9
54	40.3	33.4	50.2

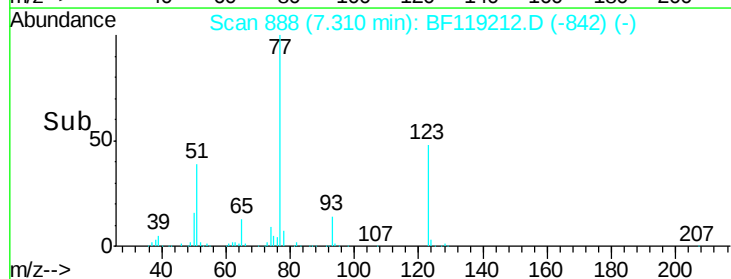
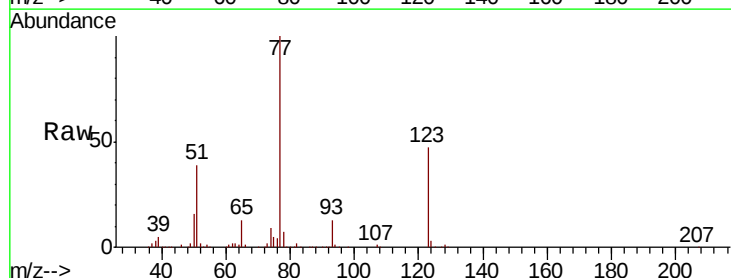
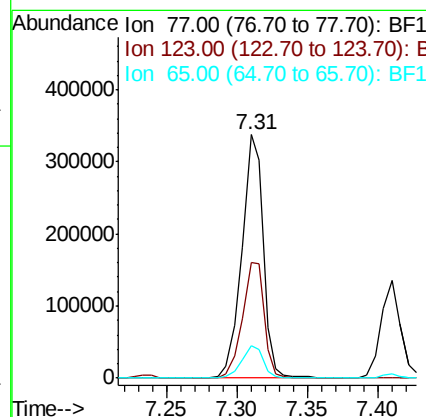
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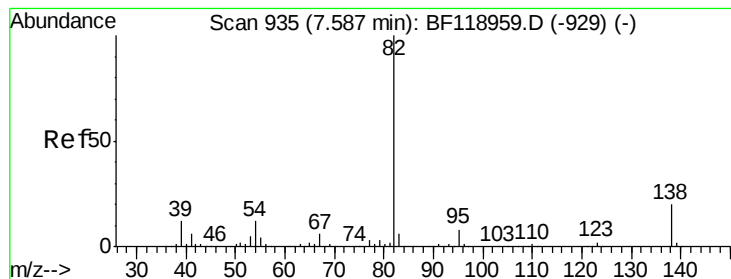
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#24
 Nitrobenzene
 Concen: 44.518 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	77	Resp	354460
Ion Ratio	100	Lower	Upper
77	100		
123	47.4	40.2	60.2
65	13.4	10.8	16.2





#25

Isophorone

Concen: 46.108 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

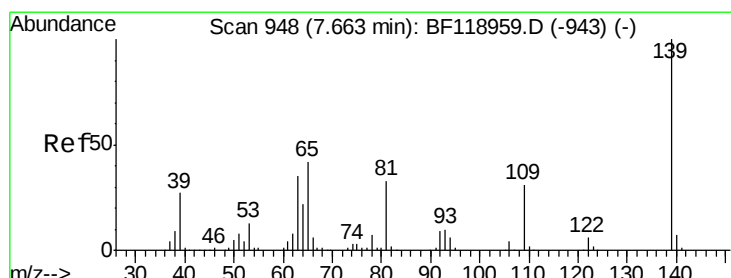
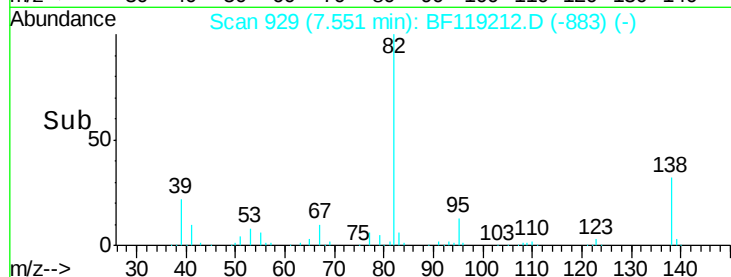
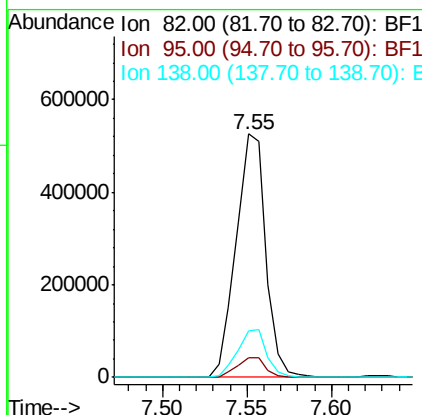
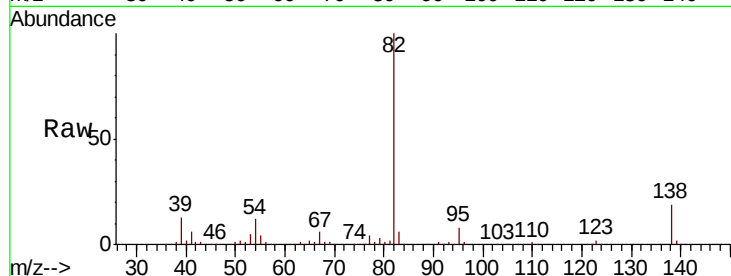
ClientSampleId :

PB127257BS

Tot Ion:	82	Resp:	644743
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.4	9.6
138	18.9	15.7	23.5

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#26

2-Nitrophenol

Concen: 45.974 ng

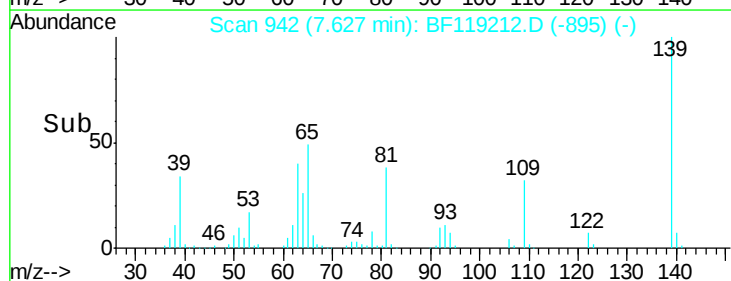
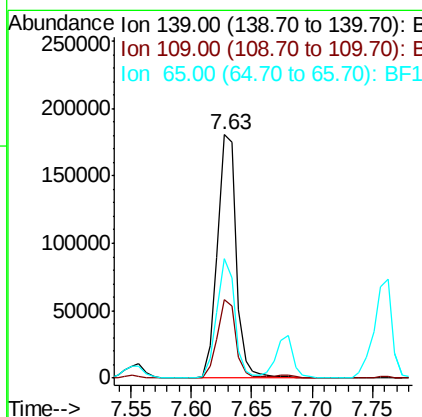
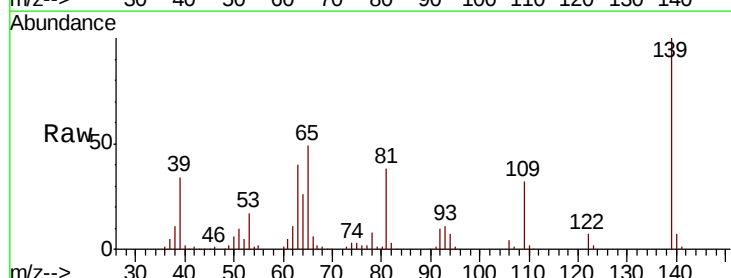
RT: 7.63 min Scan# 942

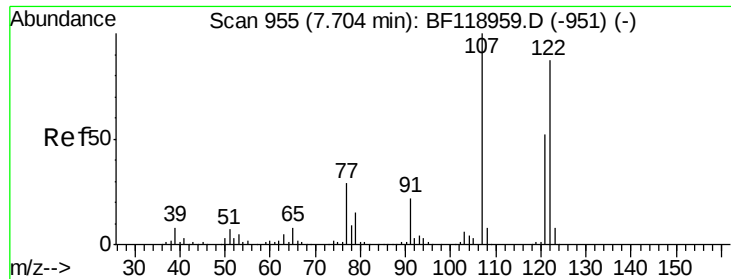
Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:	139	Resp:	193955
Ion Ratio		Lower	Upper
139	100		
109	32.4	25.7	38.5
65	49.2	37.1	55.7





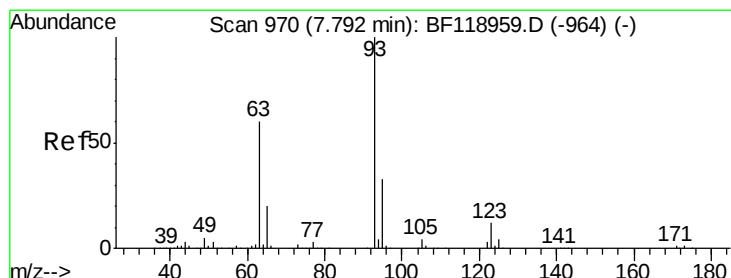
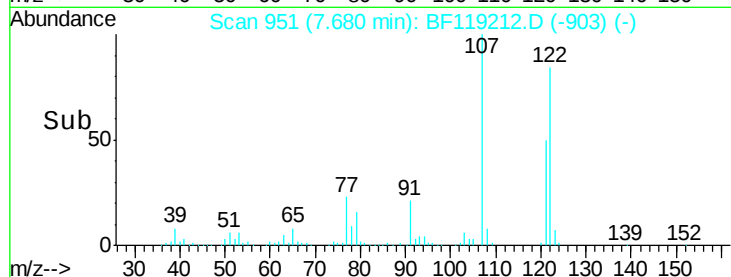
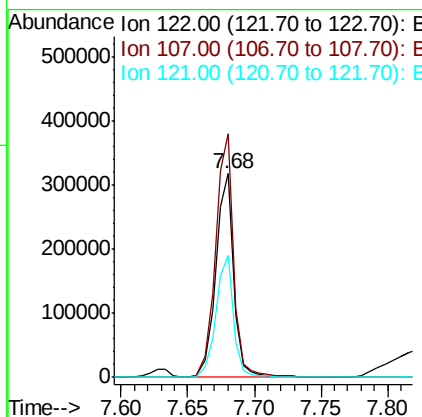
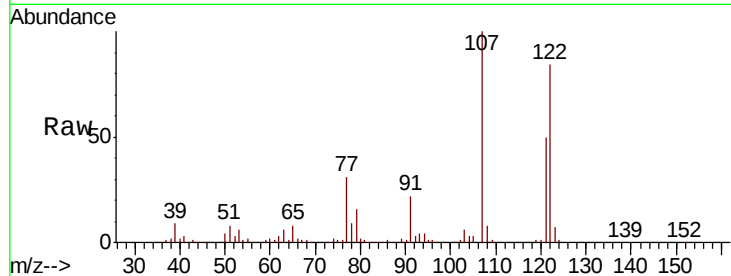
#27
2,4-Dimethylphenol
Concen: 53.079 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	303912		
107	119.5	93.8	140.6	
121	59.7	48.2	72.2	

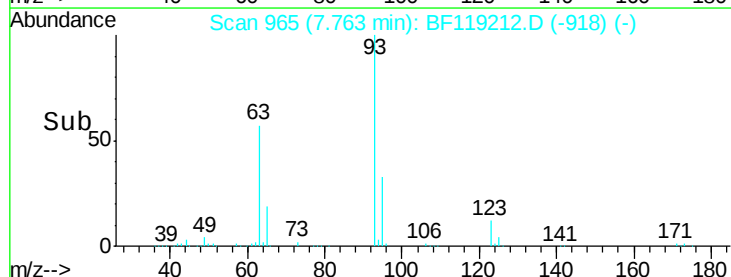
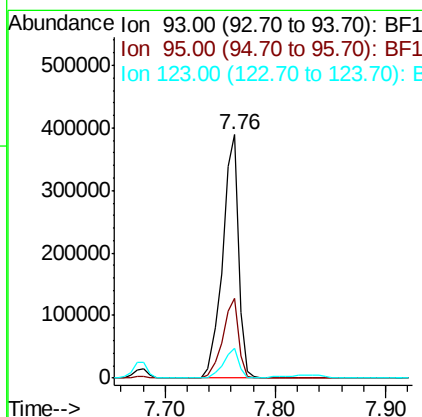
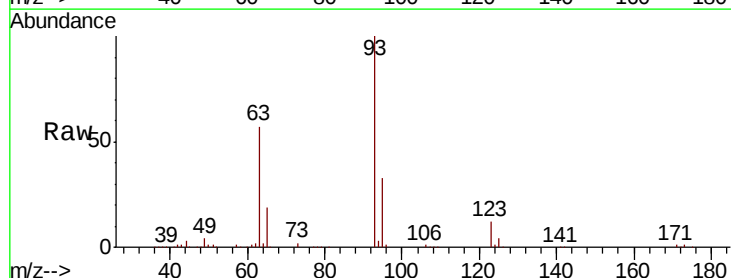
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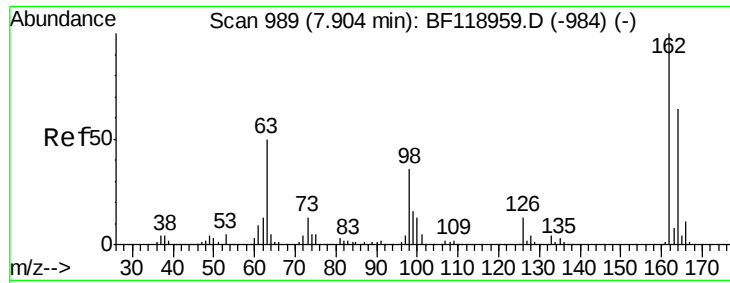
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.300 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	394100		
95	32.8	26.5	39.7	
123	12.2	10.2	15.2	





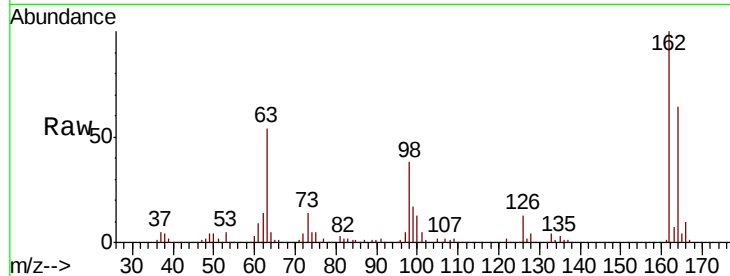
#29
2,4-Dichlorophenol
Concen: 45.431 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

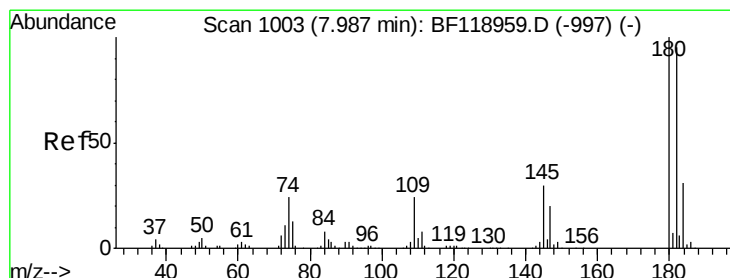
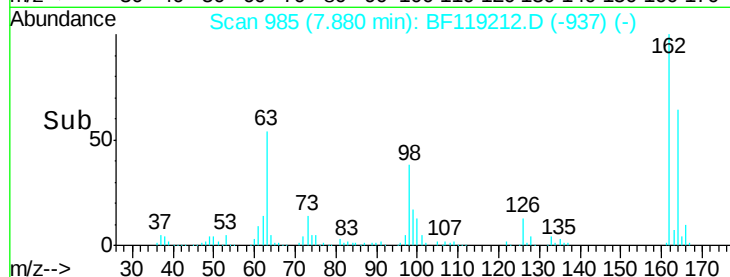
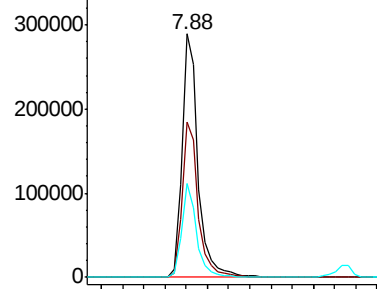
Tot Ion:	162	Resp:	306222
Ion Ratio	Lower	Upper	
162	100		
164	63.9	45.2	85.2
98	38.5	17.4	57.4

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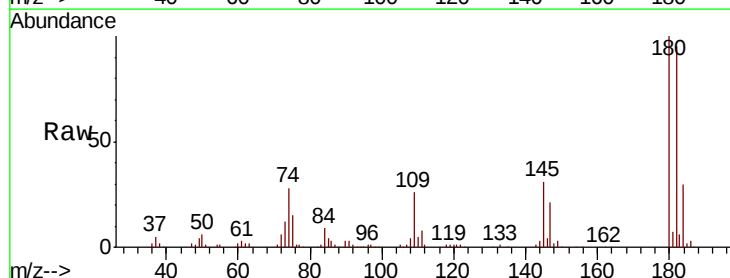


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

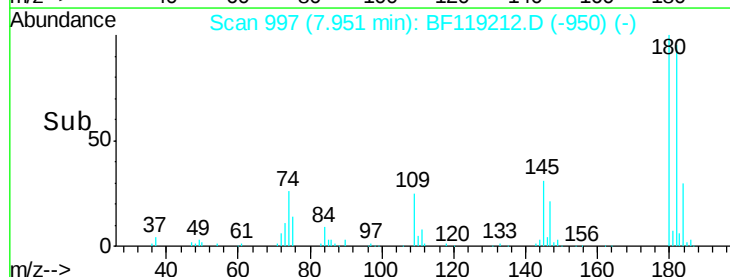
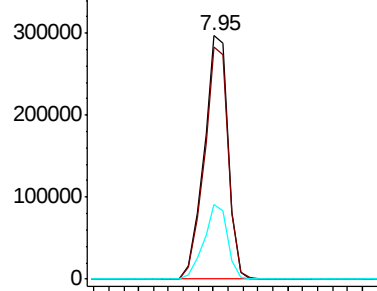


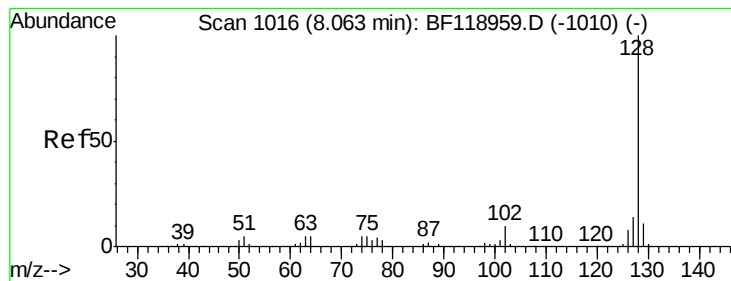
#30
1,2,4-Trichlorobenzene
Concen: 42.038 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion:	180	Resp:	335952
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.8	116.6
145	30.6	25.2	37.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.320 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

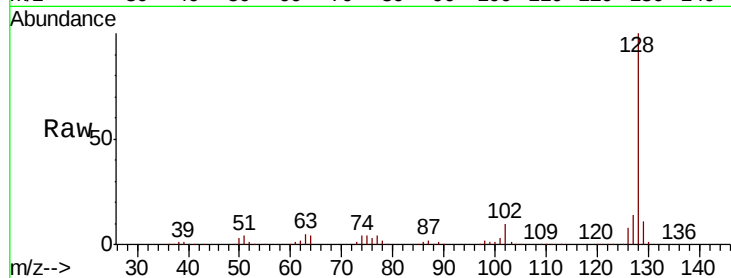
ClientSampleId :

PB127257BS

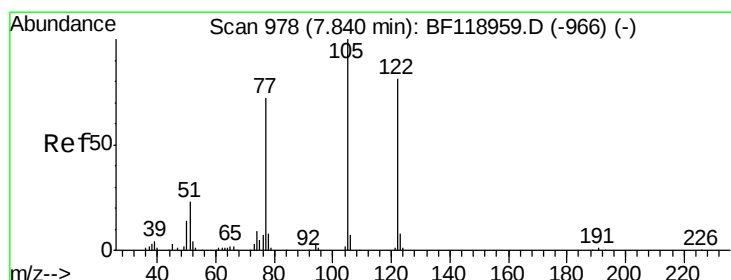
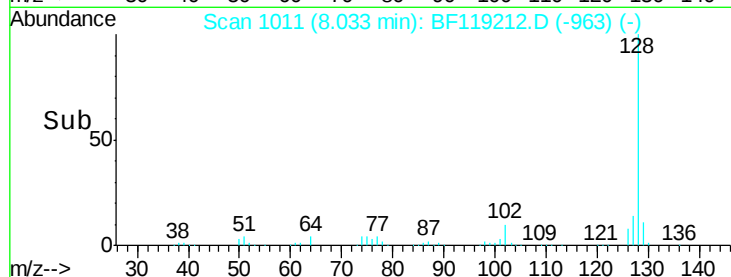
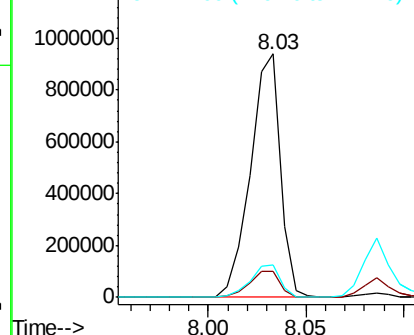
Tot Ion:	128	Resp:	999191
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.4	14.2
127	13.5	11.4	17.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.106 ng

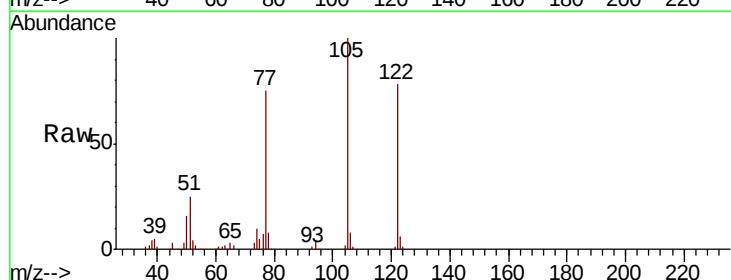
RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

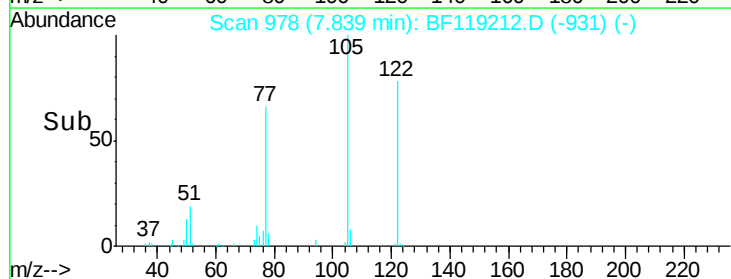
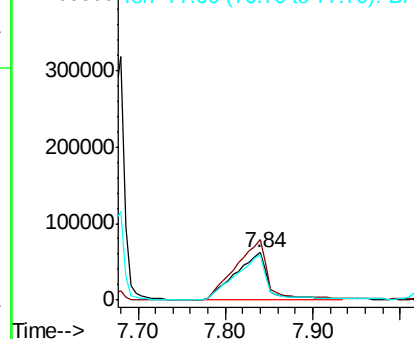
Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:	122	Resp:	162223
Ion Ratio	Lower	Upper	
122	100		
105	128.7	106.3	146.3
77	97.0	73.1	113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





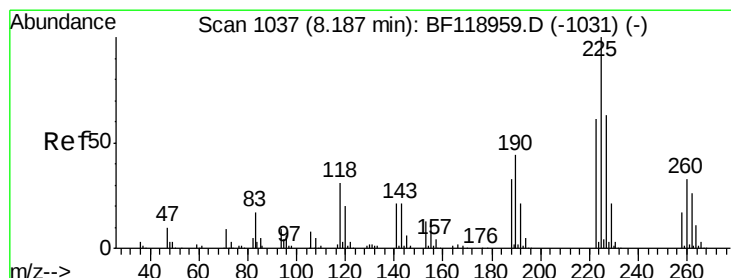
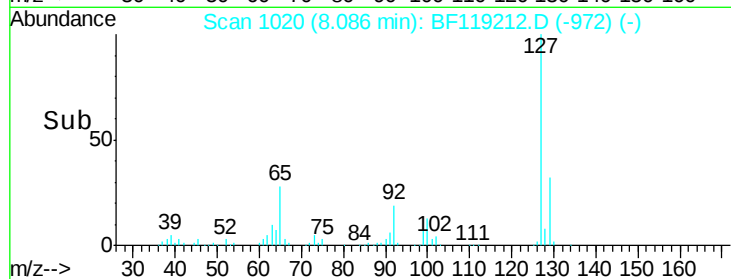
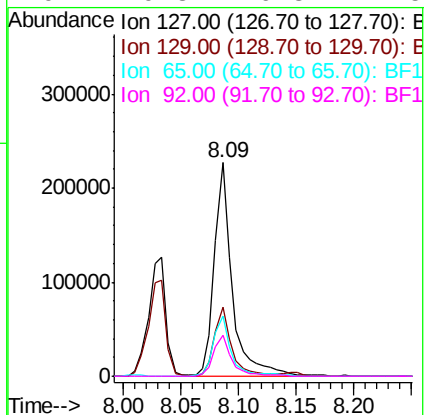
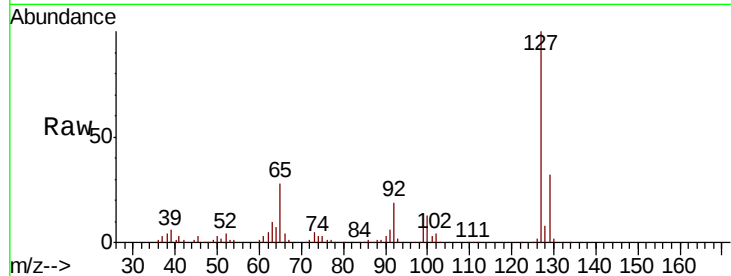
#33
4-Chloroaniline
Concen: 25.694 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	28.2	23.9	35.9		
92	19.3	16.3	24.5		

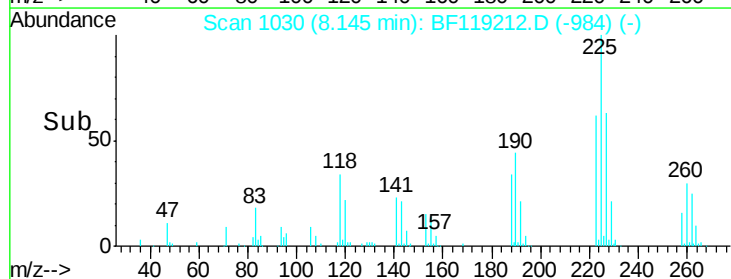
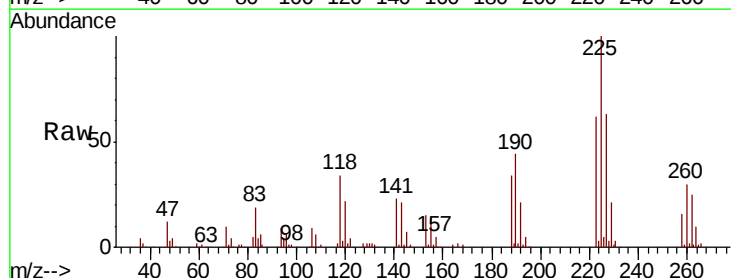
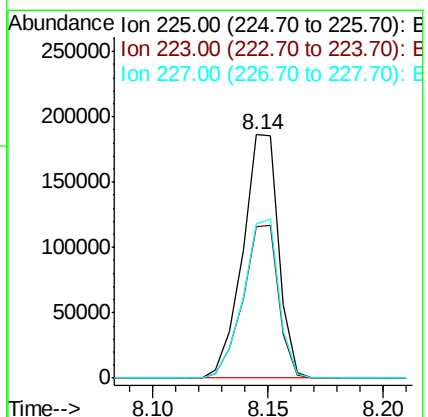
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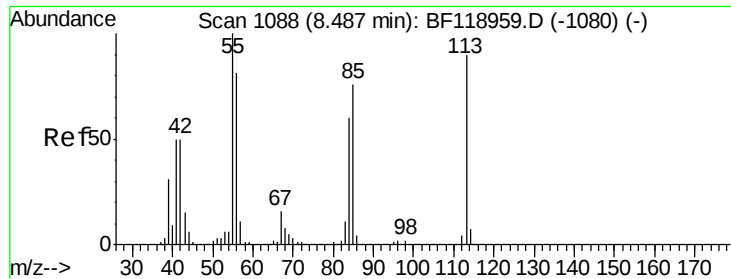
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#34
Hexachlorobutadiene
Concen: 40.689 ng
RT: 8.14 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.4	74.2		
227	63.4	52.9	79.3		





#35

Caprolactam

Concen: 45.496 ng/mL

RT: 8.46 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleID :

PB127257BS

Tot Ion:113 Resp: 94426

Ion Ratio Lower Upper

113 100

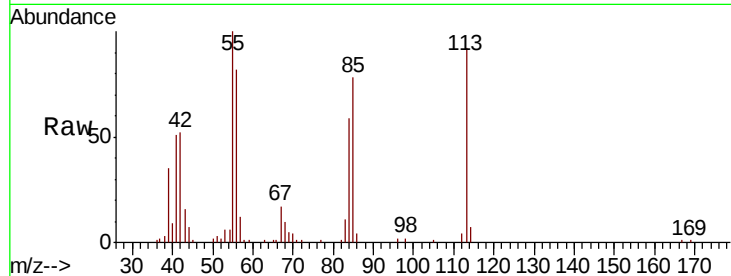
55 108.3 95.7 135.7

56 89.1 73.1 113.1

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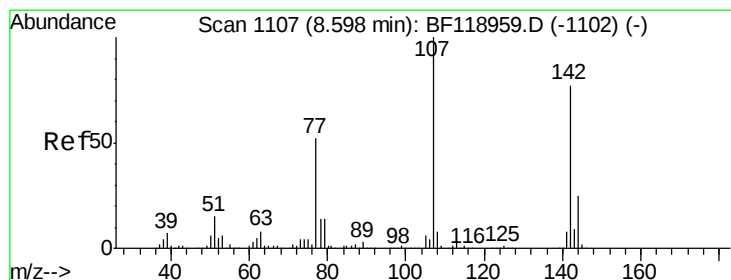
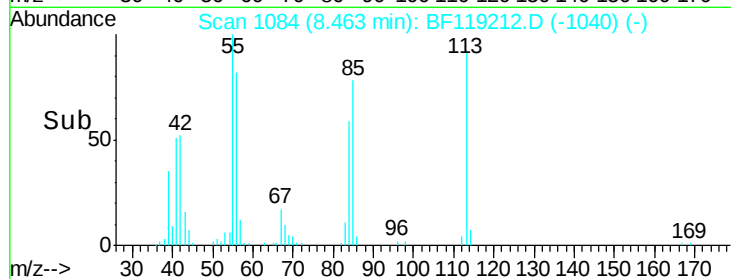
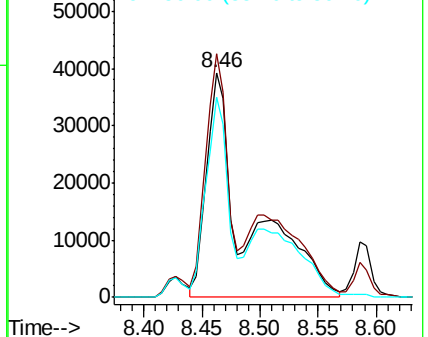
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.512 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

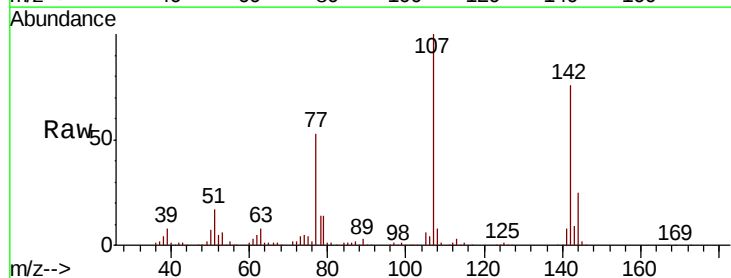
Tgt Ion:107 Resp: 324111

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

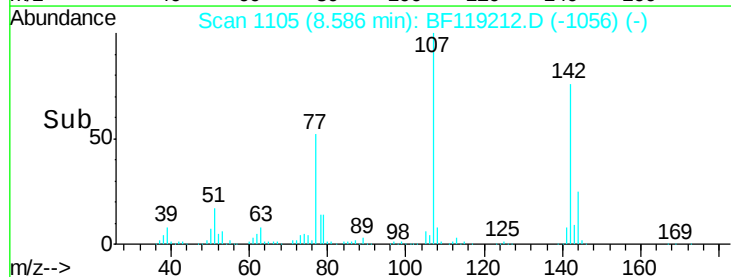
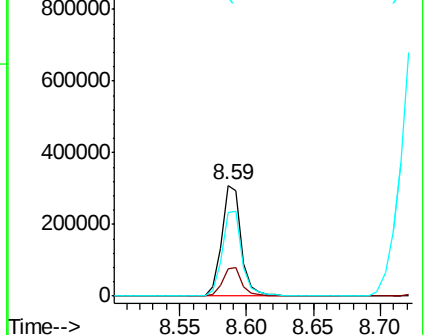
142 75.9 61.4 92.2

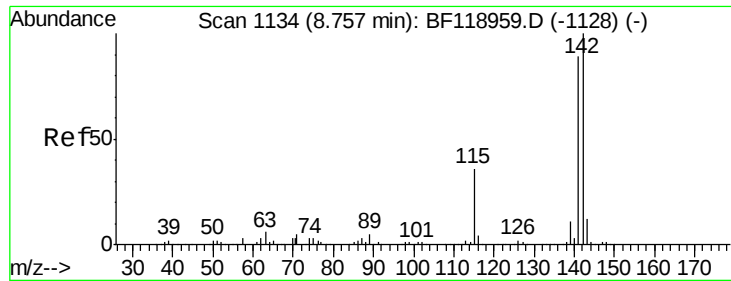


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





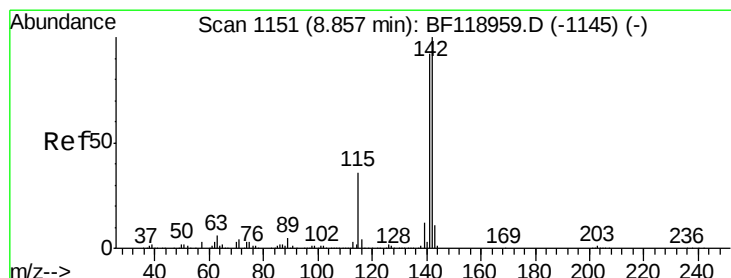
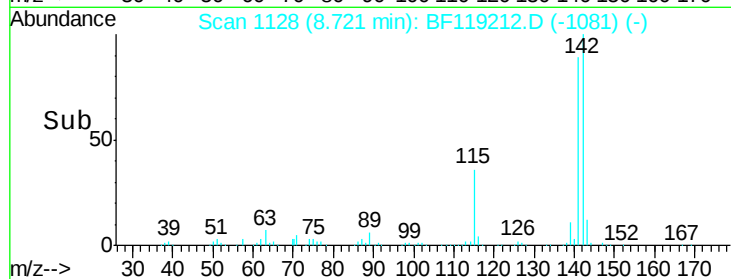
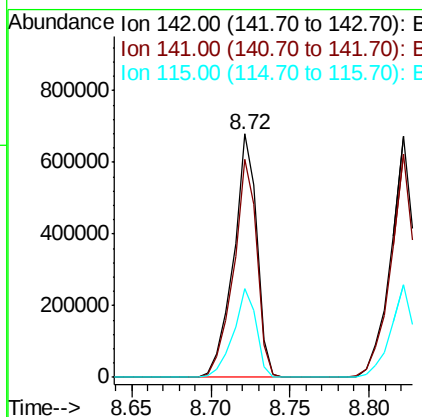
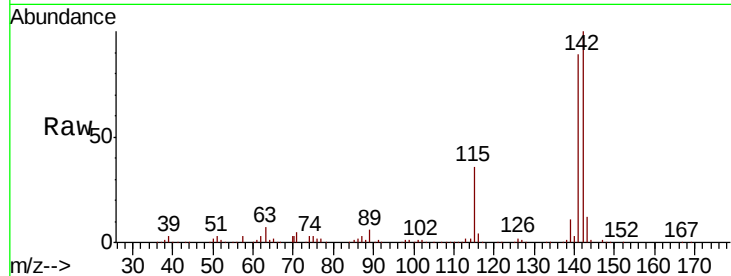
#37
2-Methylnaphthalene
Concen: 46.704 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.3	108.5
115	36.5	30.6	45.8

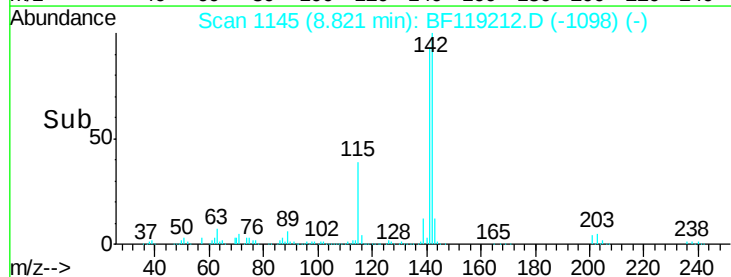
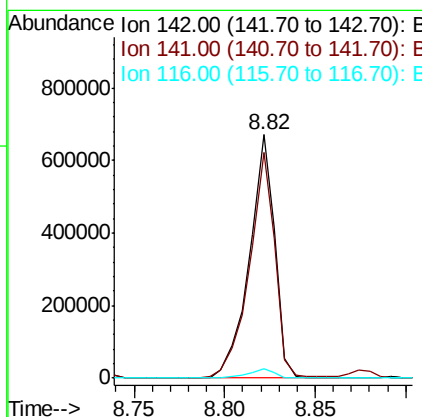
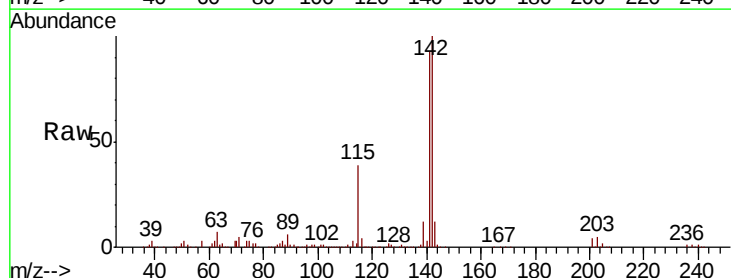
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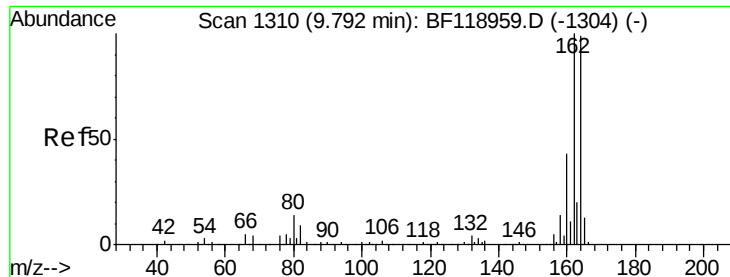
mohammad
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#38
1-Methylnaphthalene
Concen: 46.523 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.8	113.6
116	4.1	3.1	4.7





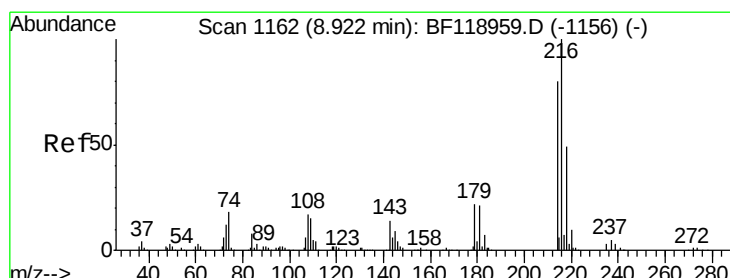
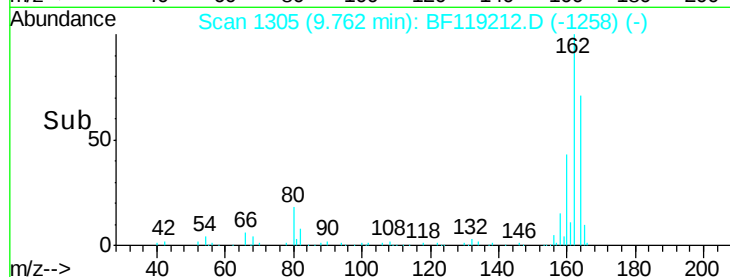
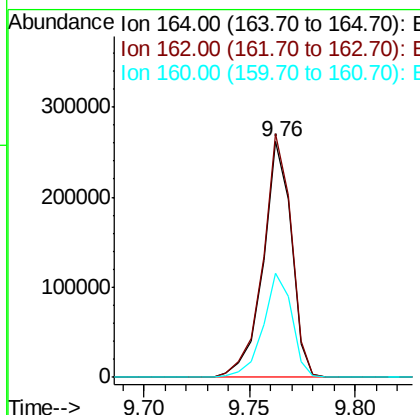
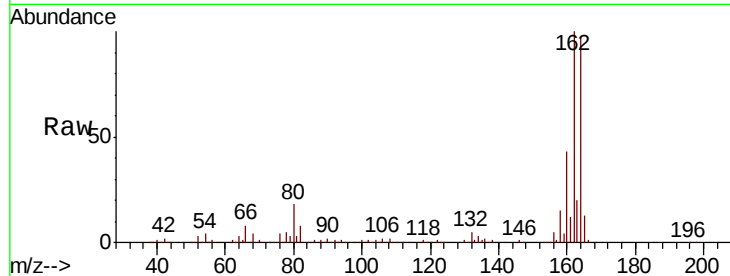
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	44.3	36.0	54.0

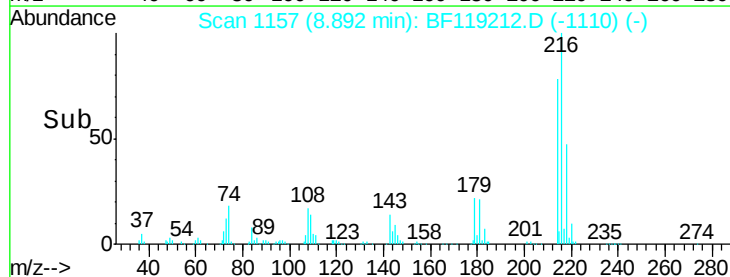
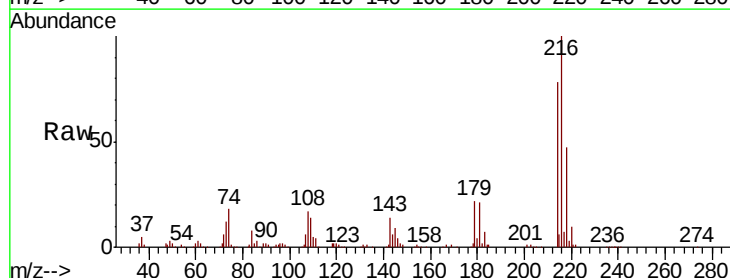
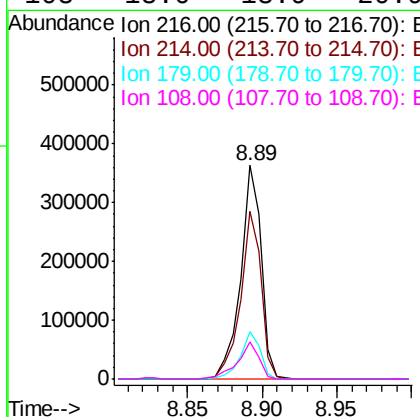
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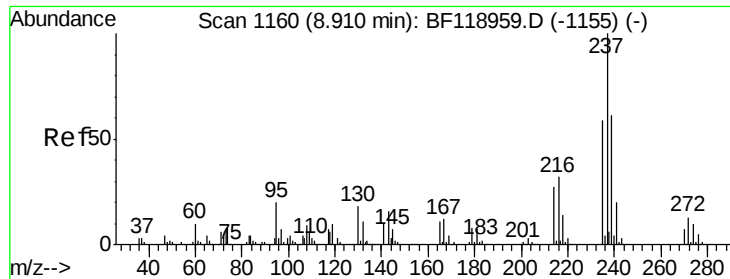
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.363 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	21.7	17.7	26.5
108	18.0	13.9	20.9





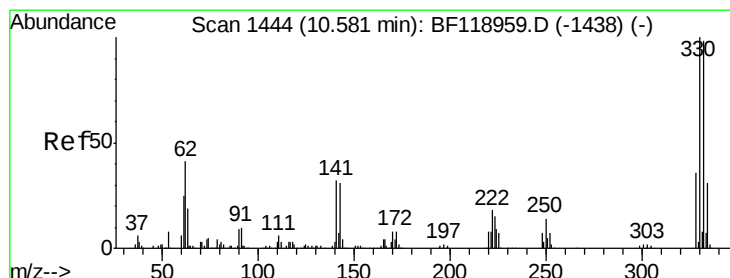
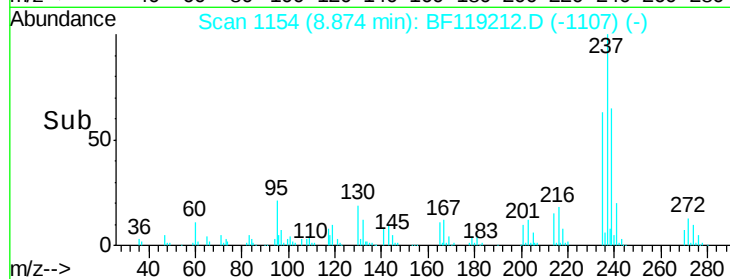
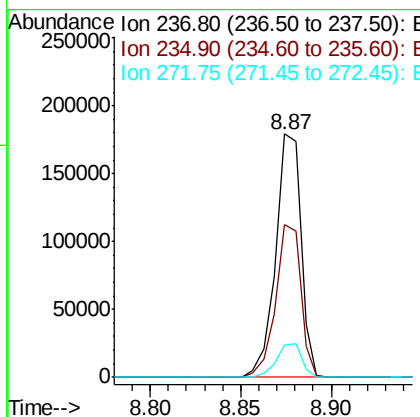
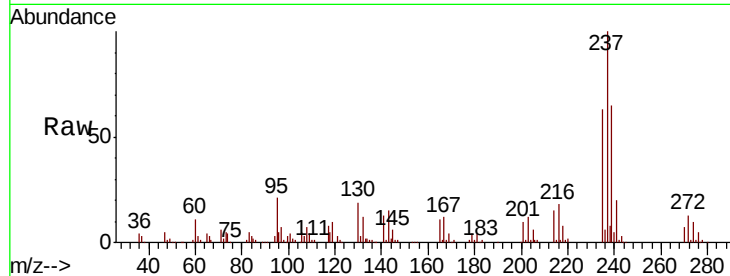
#41
Hexachlorocyclopentadiene
Concen: 60.887 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	42.3	82.3
272	13.3	0.0	33.5

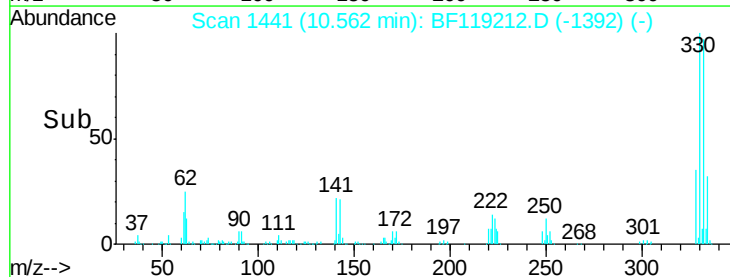
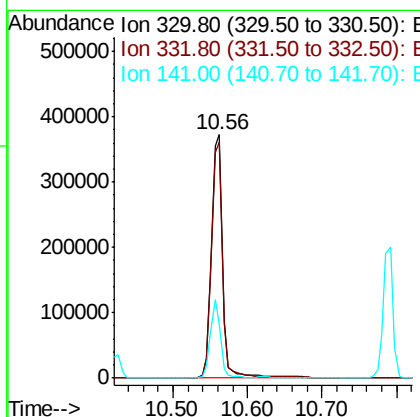
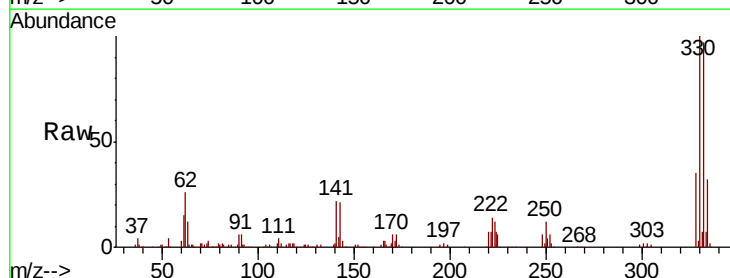
Manual Integrations
APPROVED

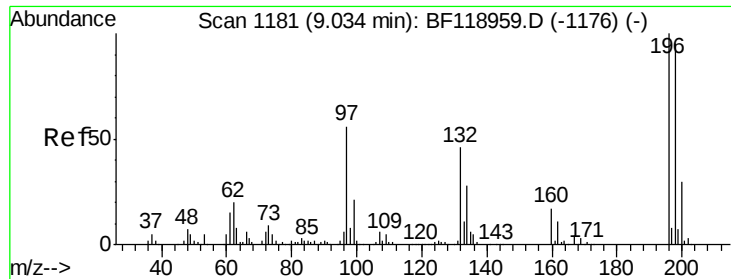
mohammad
3/9/2020 8:26:52 AM



#42
2,4,6-Tribromophenol
Concen: 121.303 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	76.0	114.0
141	29.5	22.9	34.3





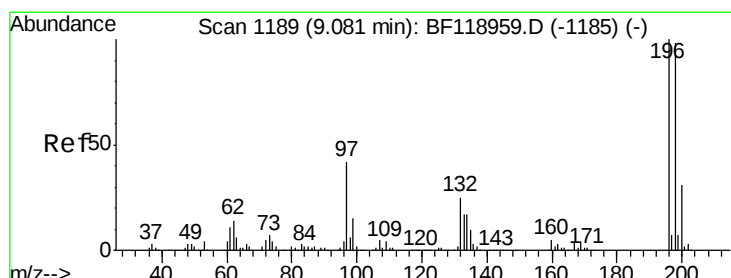
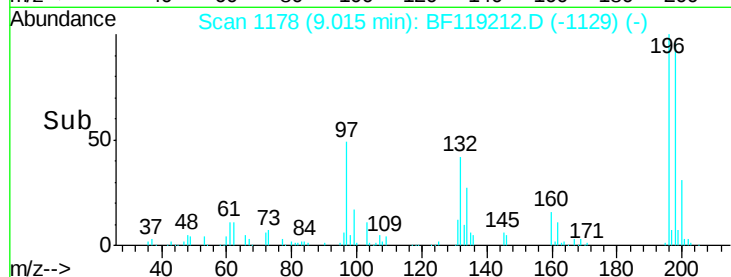
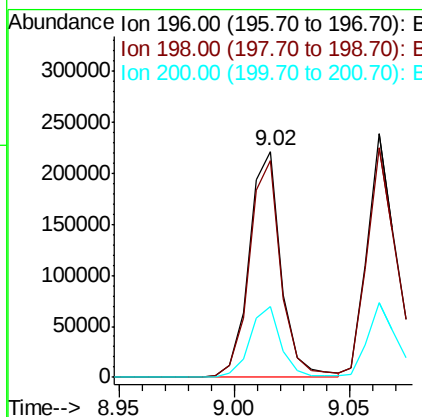
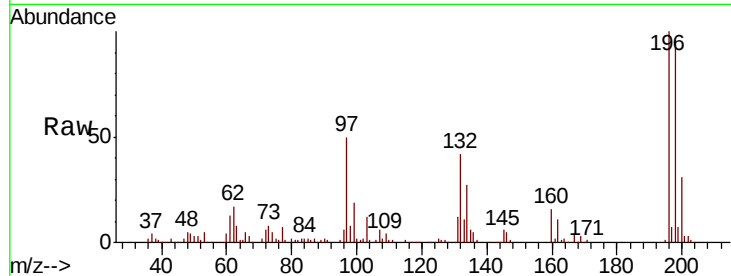
#43
 2,4,6-Trichlorophenol
 Concen: 41.384 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214578		
198	95.8	77.1	115.7	
200	31.4	25.0	37.6	

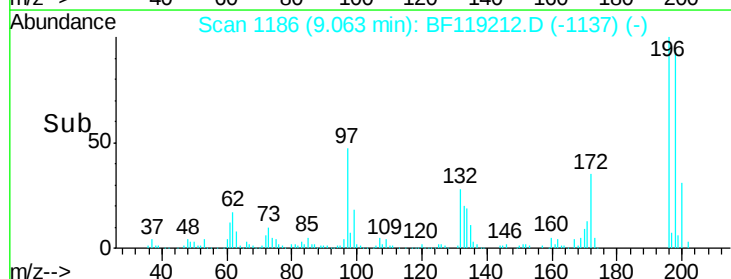
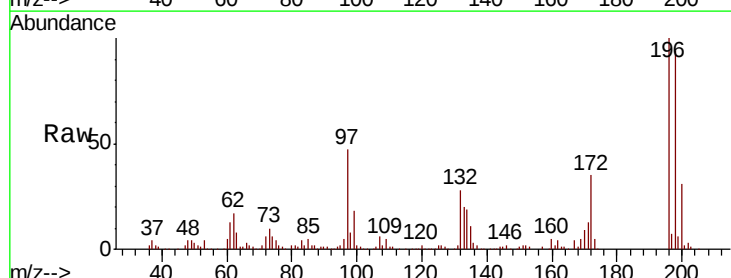
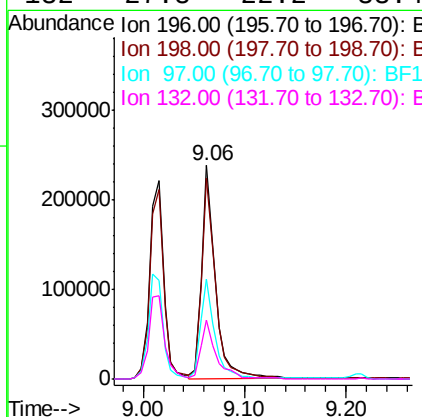
Manual Integrations
 APPROVED

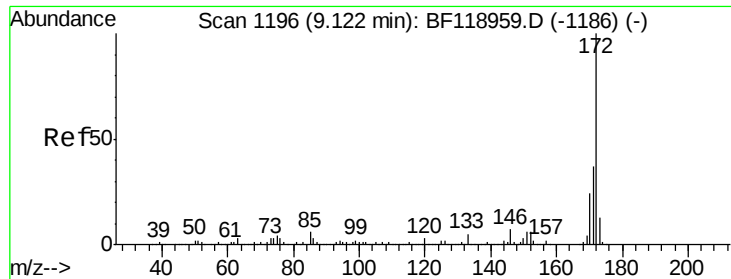
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.424 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225387		
198	94.2	76.8	115.2	
97	47.0	38.5	57.7	
132	27.8	22.2	33.4	





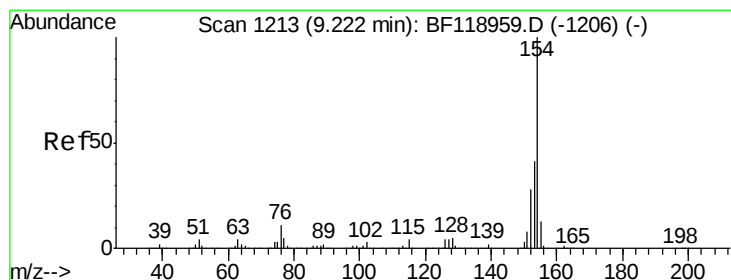
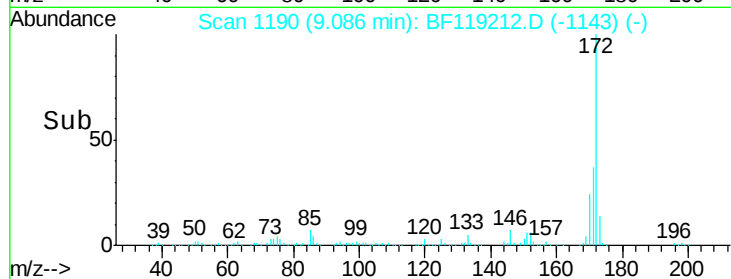
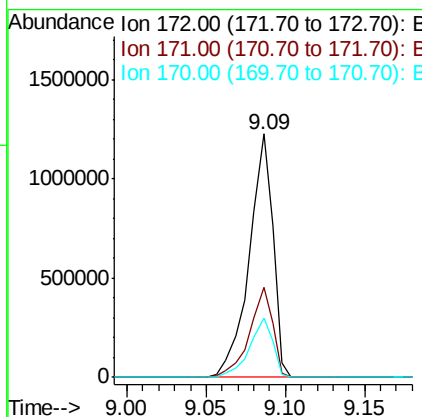
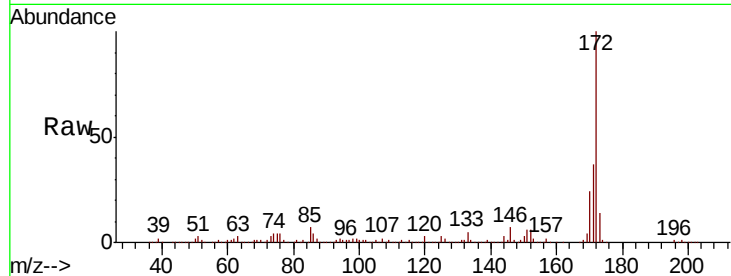
#45
2-Fluorobiphenyl
Concen: 76.799 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	45.8
170	24.2	20.2	30.2

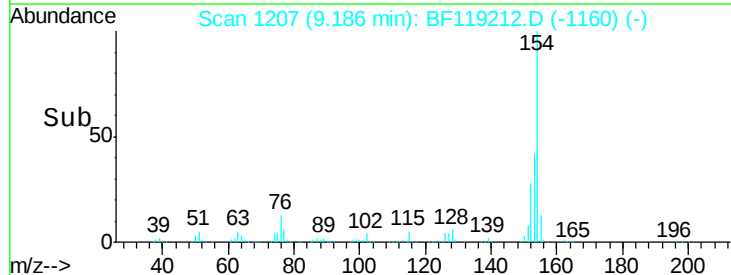
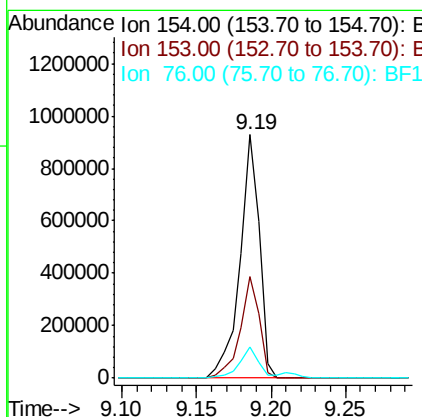
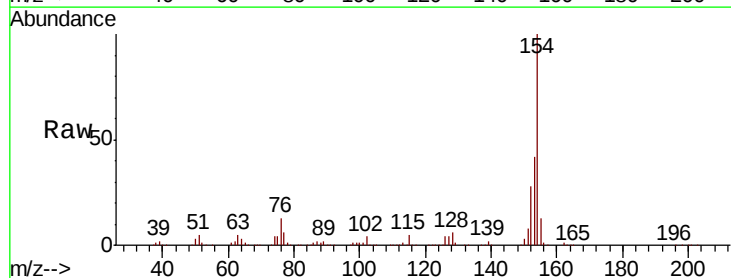
Manual Integrations
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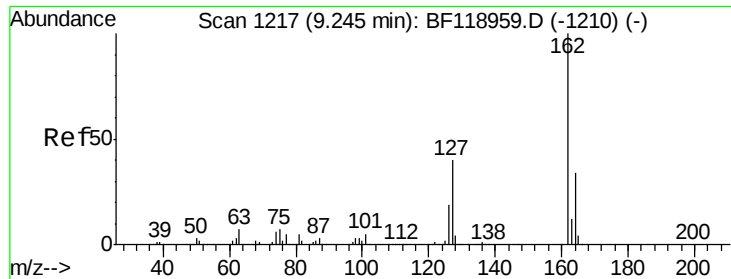
mohammad
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#46
1,1'-Biphenyl
Concen: 42.738 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.6	0.0	32.2





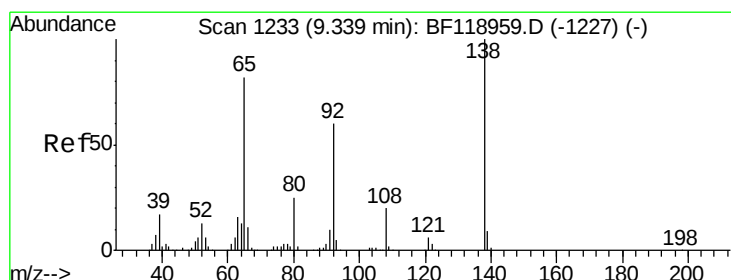
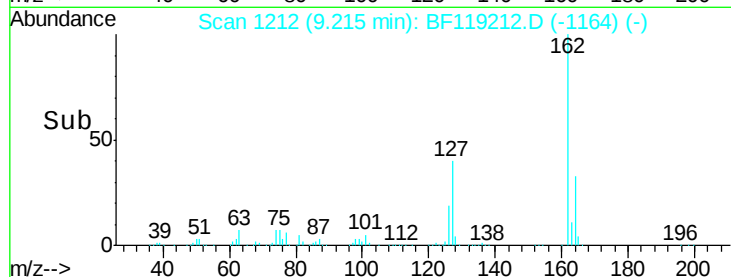
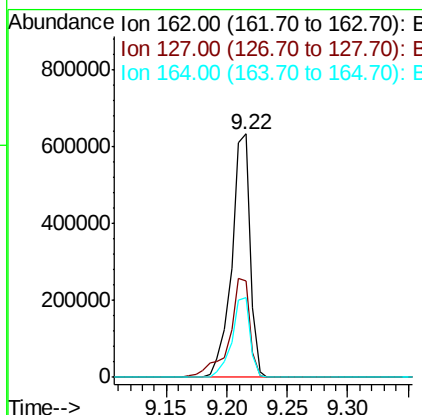
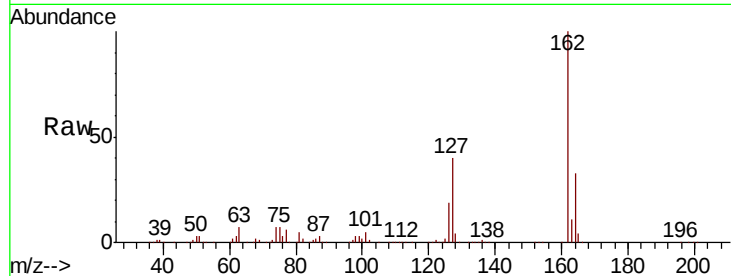
#47
2-Chloronaphthalene
Concen: 42.574 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	35.0	52.4
164	32.7	27.2	40.8

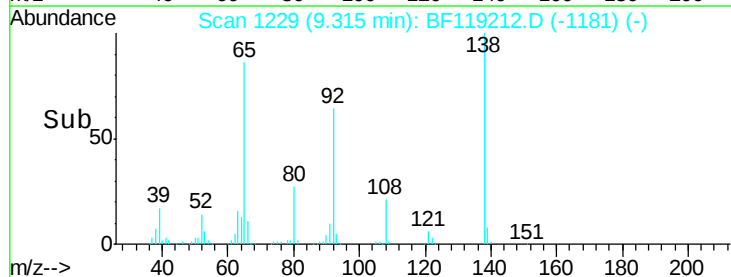
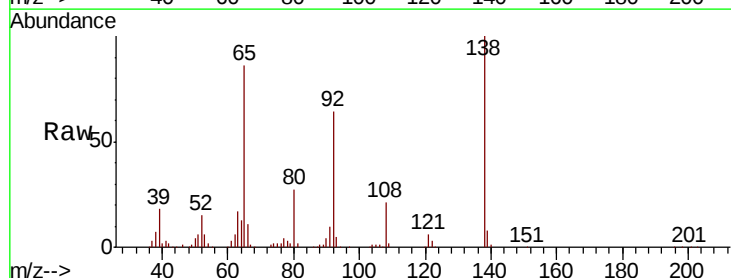
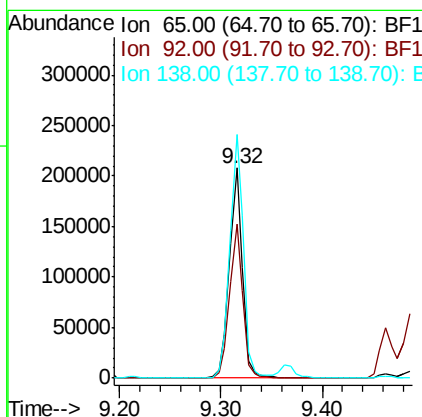
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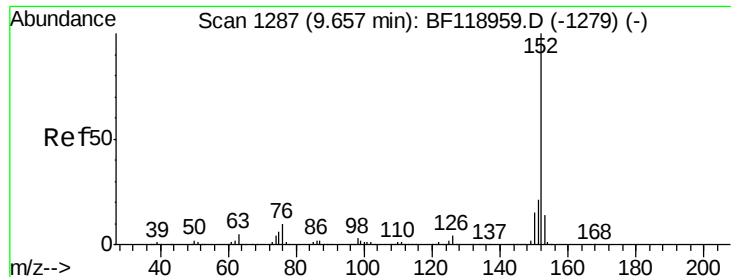
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#48
2-Nitroaniline
Concen: 43.053 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	58.2	87.2
138	116.0	95.6	143.4





#49

Acenaphthylene

Concen: 45.242 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

ClientSampleId :

PB127257BS

Tot Ion:152 Resp: 1036379

Ion Ratio Lower Upper

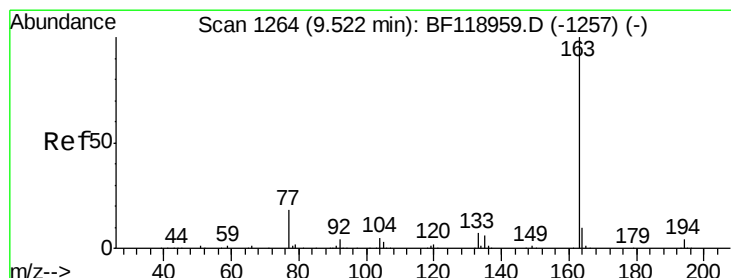
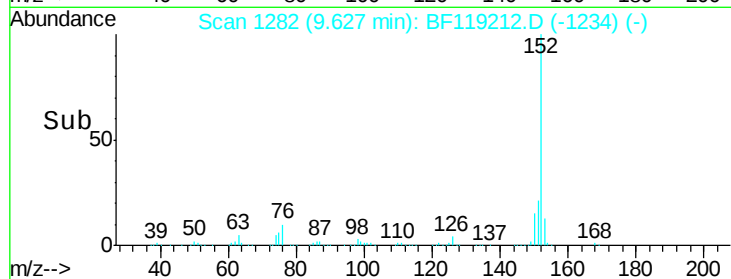
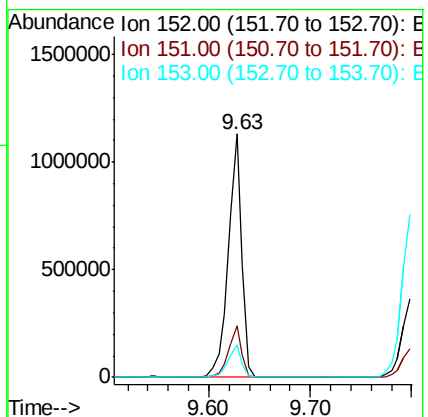
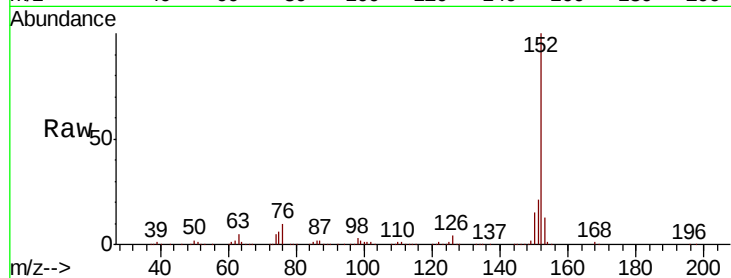
152 100

151 21.1 16.9 25.3

153 13.3 11.0 16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.540 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

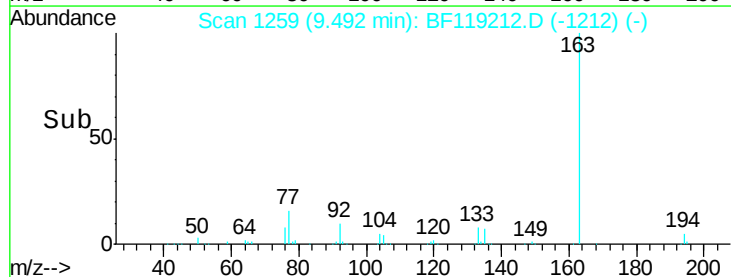
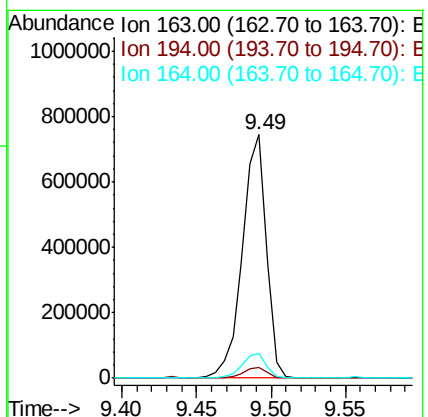
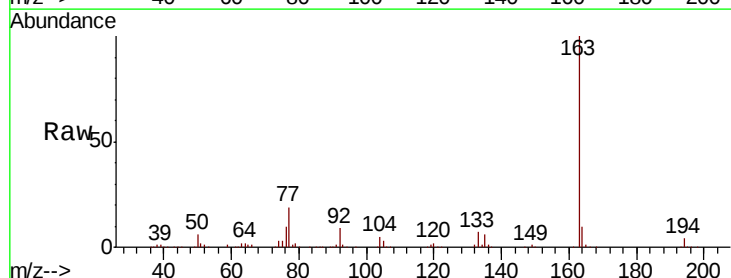
Tgt Ion:163 Resp: 829435

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.0 8.4 12.6





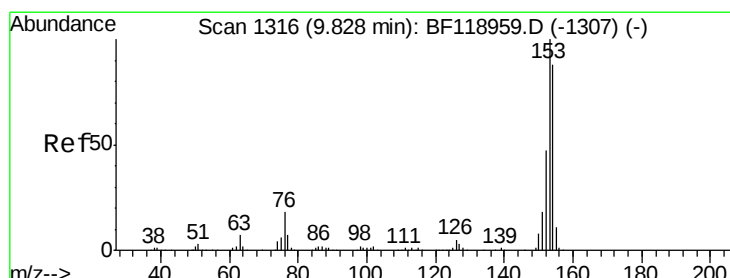
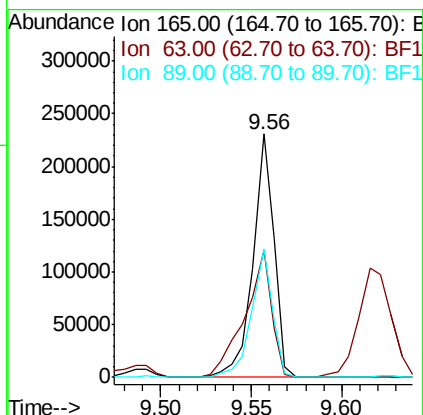
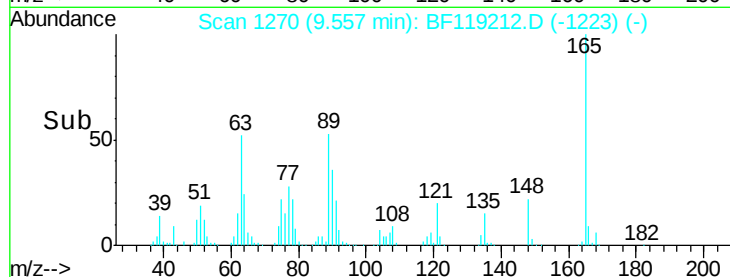
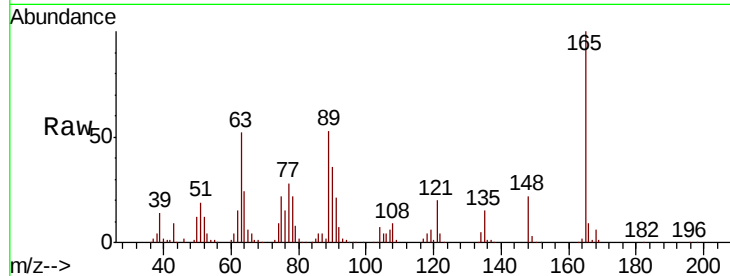
#51
 2,6-Dinitrotoluene
 Concen: 44.778 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	52.0	34.3	51.5#
89	52.8	38.3	57.5

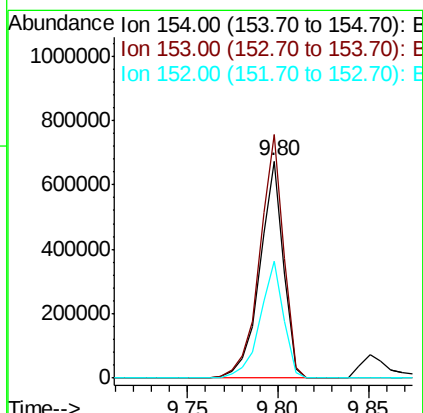
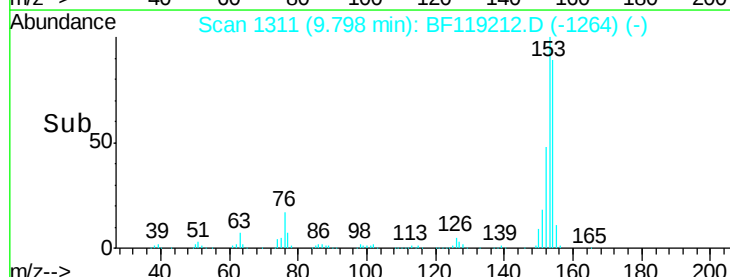
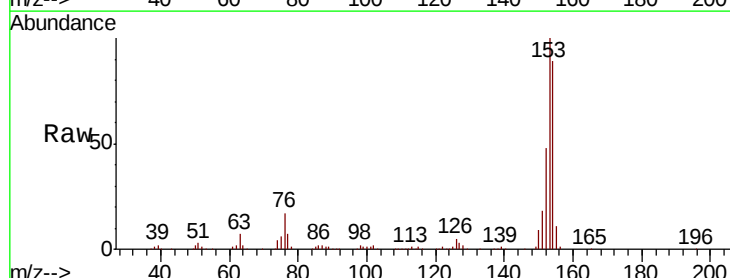
Manual Integrations
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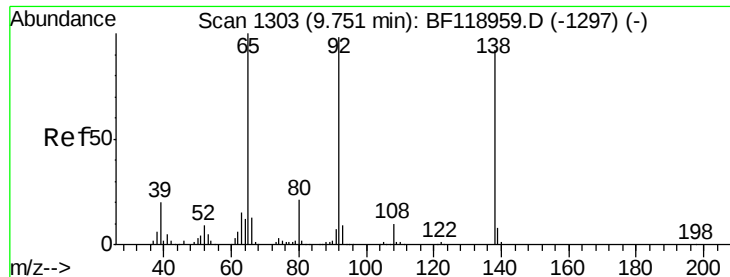
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#52
 Acenaphthene
 Concen: 44.220 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.1	90.3	135.5
152	54.0	43.8	65.8





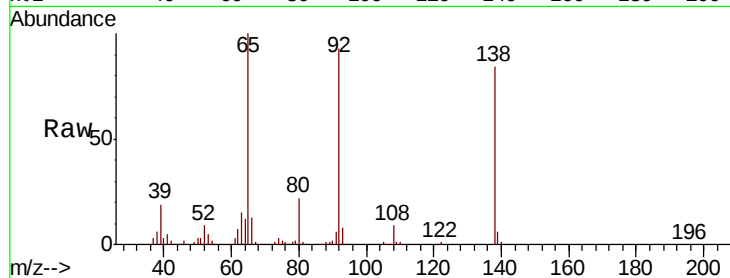
#53
3-Nitroaniline
Concen: 26.859 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.8	13.2
92	111.1	84.8	127.2

Manual Integrations
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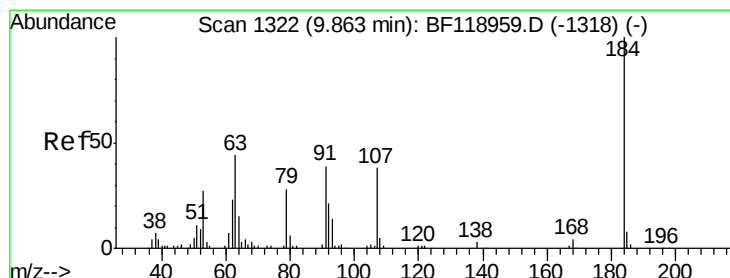
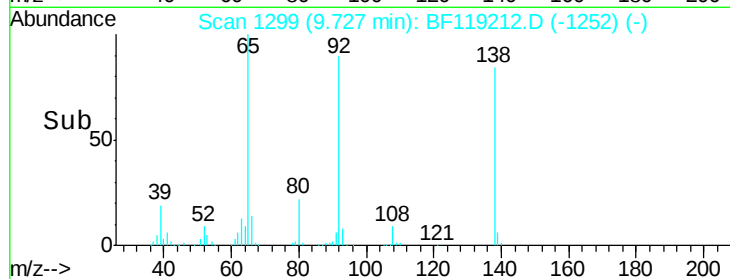
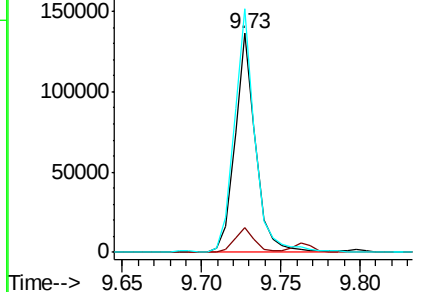


Abundance

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: 69.991 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

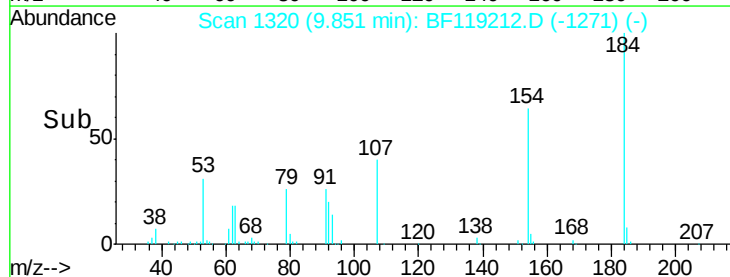
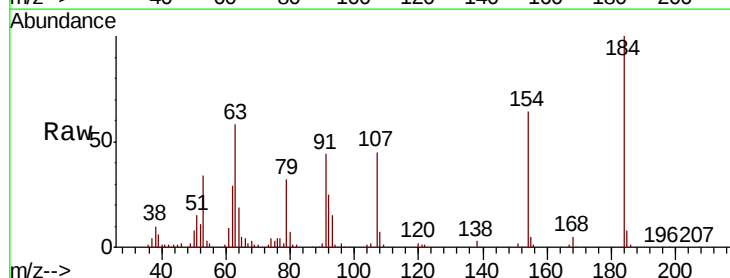
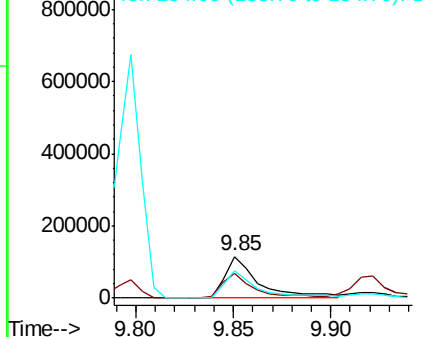
Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.7	38.7	58.1
154	63.9	49.7	74.5

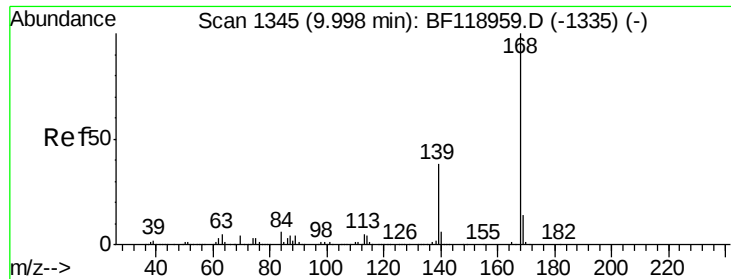
Abundance

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





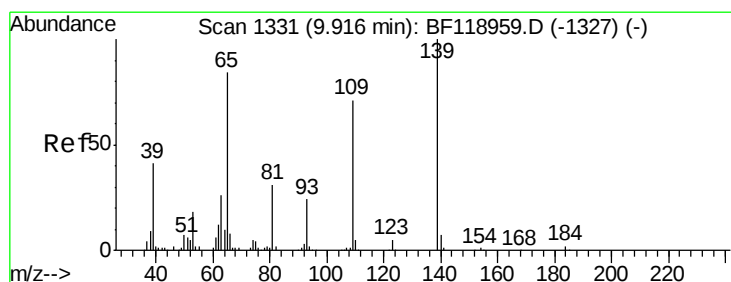
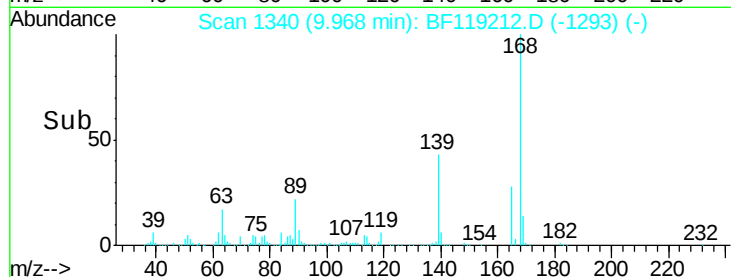
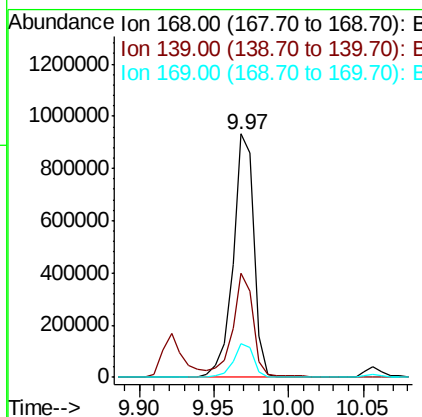
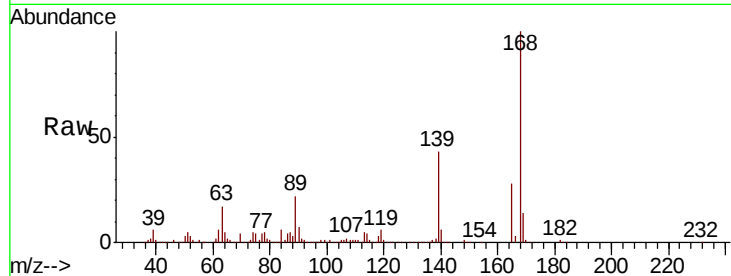
#55
Dibenzofuran
Concen: 44.324 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.0	34.0	51.0
169	13.8	11.0	16.4

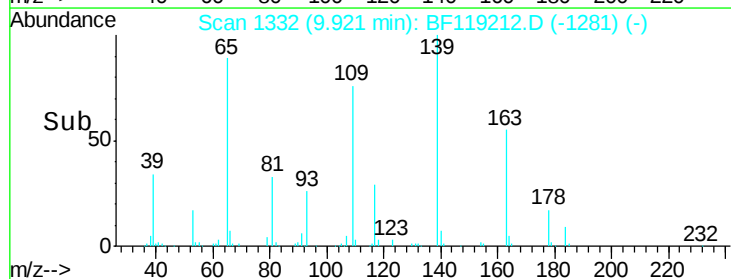
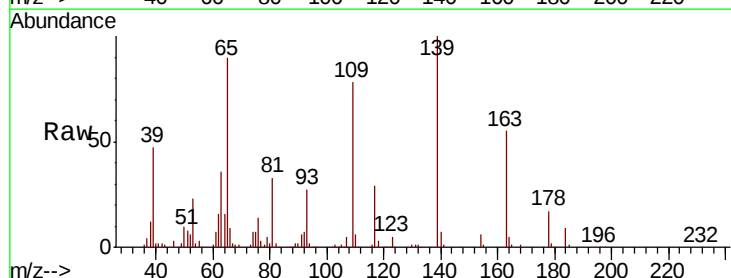
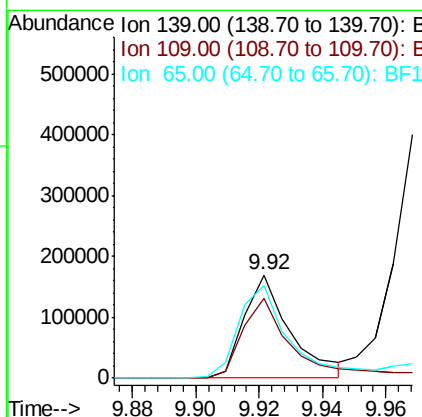
Manual Integrations
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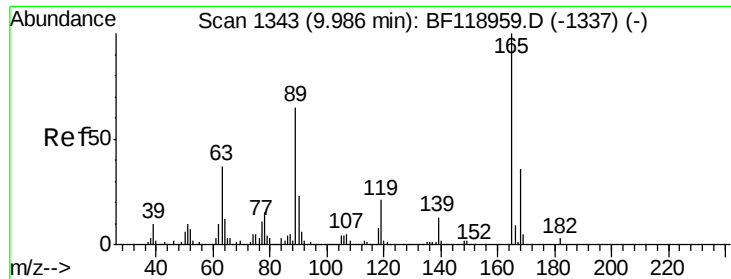
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#56
4-Nitrophenol
Concen: 62.240 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.5	56.7	96.7
65	90.3	65.0	105.0





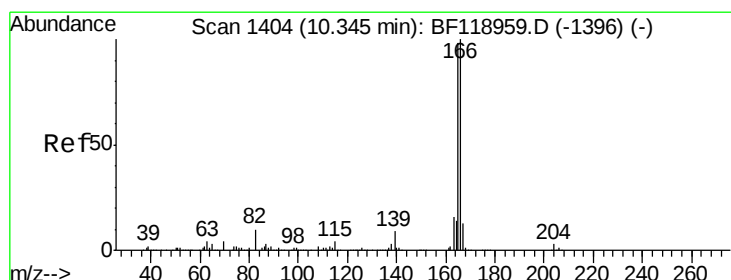
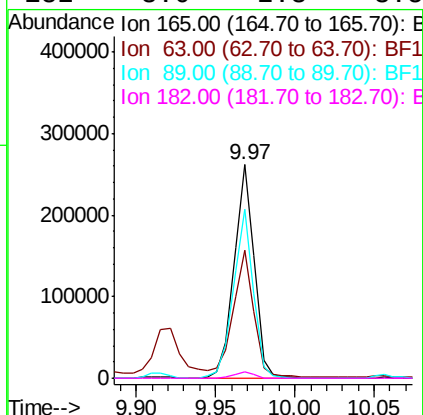
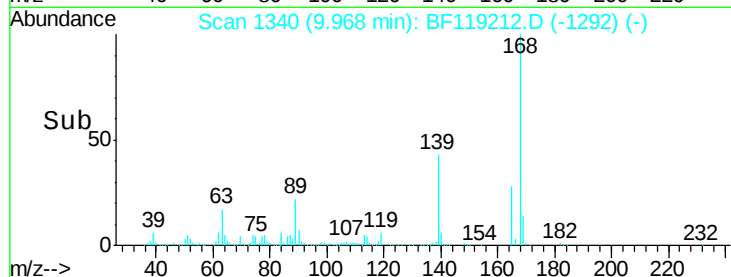
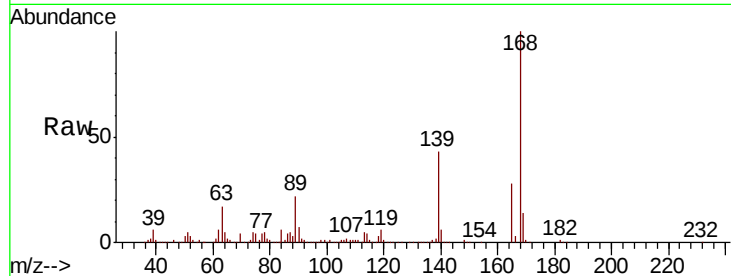
#57
2,4-Dinitrotoluene
Concen: 43.353 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232489		
63	59.9	42.3	63.5	
89	79.2	60.2	90.4	
182	3.0	2.3	3.5	

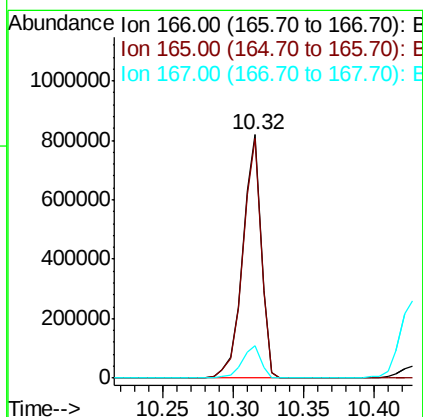
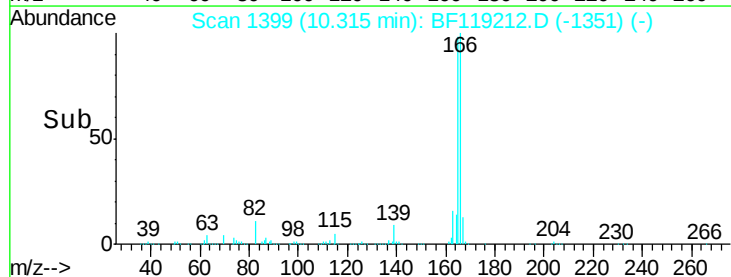
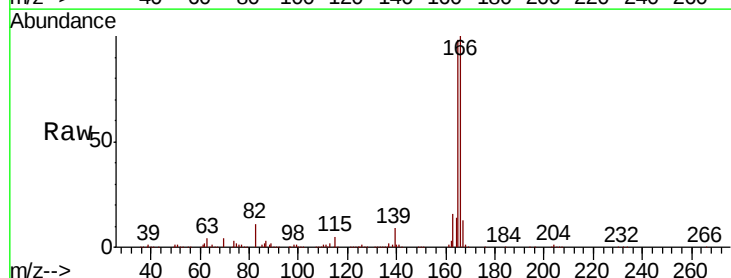
Manual Integrations
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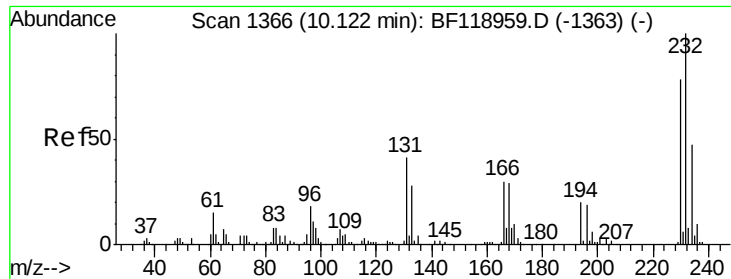
mohammad
3/9/2020 8:26:52 AM



#58
Fluorene
Concen: 46.607 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	746672		
165	98.4	78.5	117.7	
167	13.3	11.0	16.4	





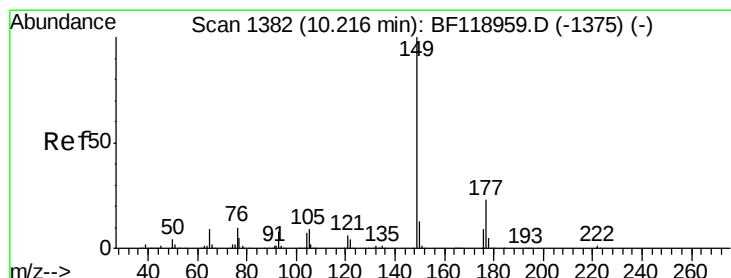
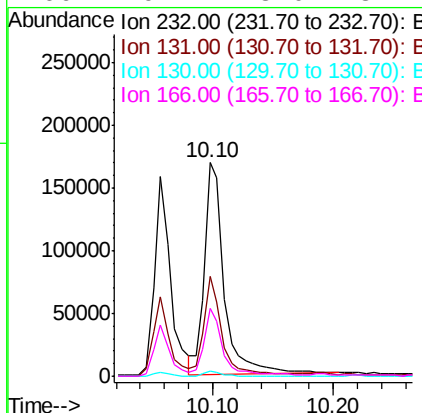
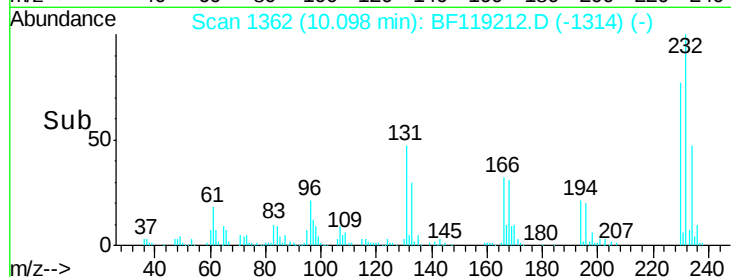
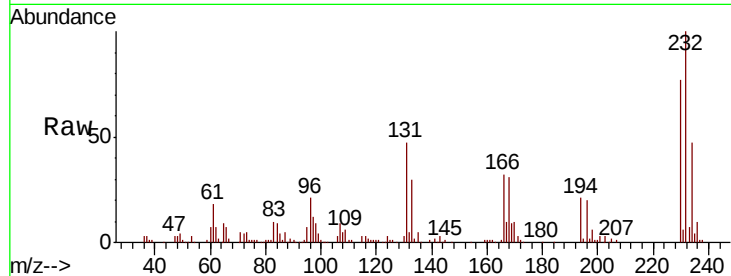
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.776 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	191796		
131	41.5	33.8	50.8	
130	2.4	1.8	2.6	
166	29.1	23.0	34.4	

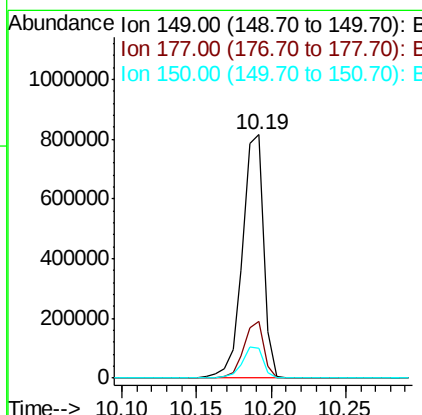
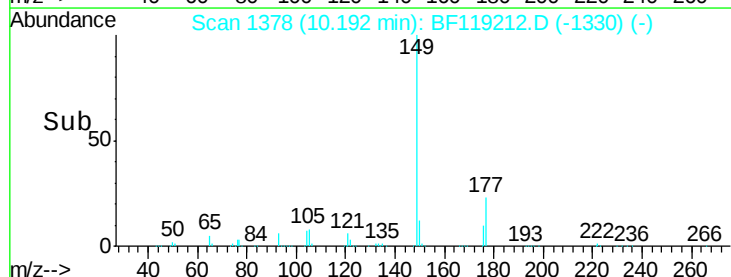
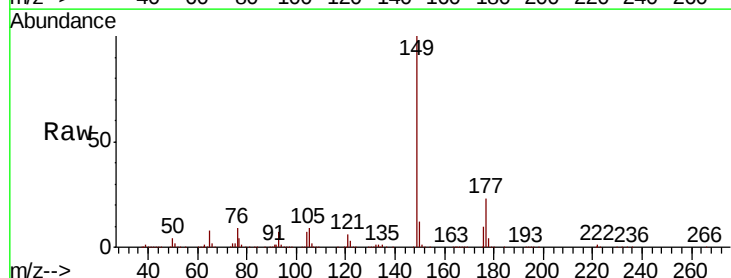
Manual Integrations
APPROVED

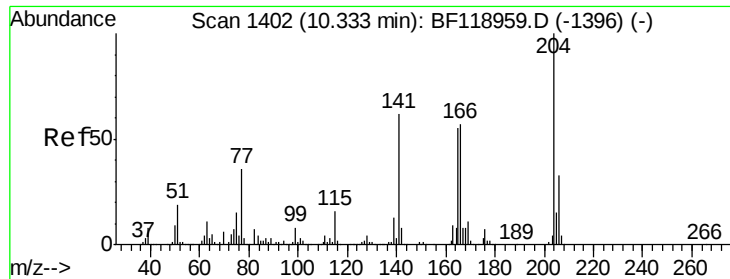
mohammad
3/9/2020 8:26:52 AM



#60
Diethylphthalate
Concen: 45.714 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	802241		
177	23.3	18.2	27.2	
150	12.3	10.5	15.7	





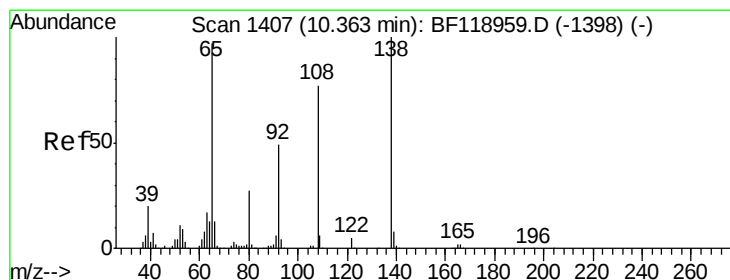
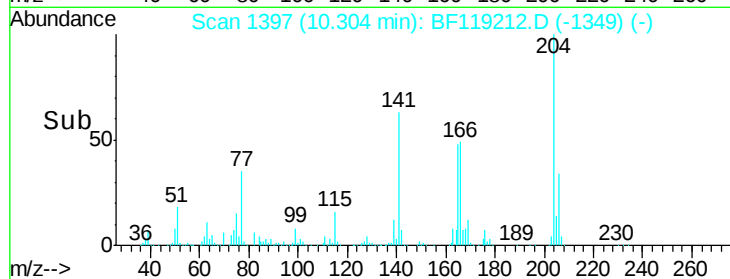
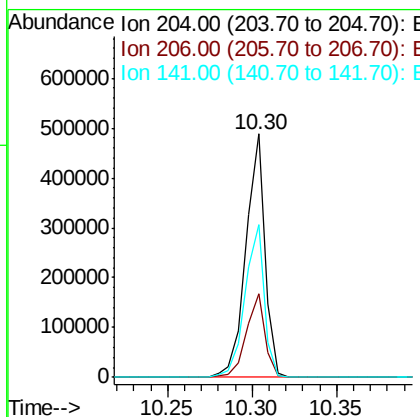
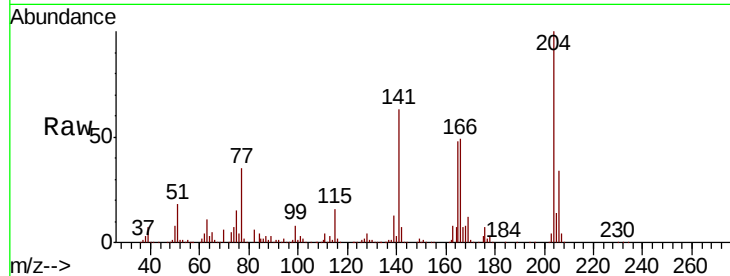
#61
4-Chlorophenyl-phenylether
Concen: 45.662 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	387212		
206	34.3		27.1	40.7
141	62.5		52.9	79.3

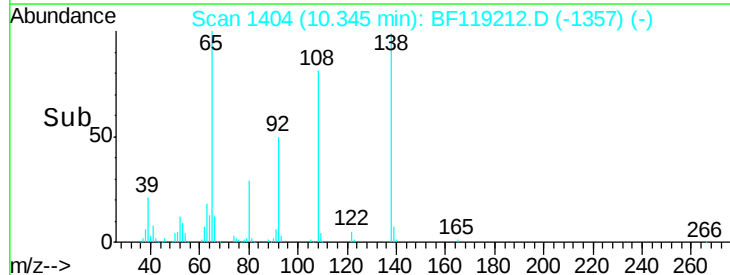
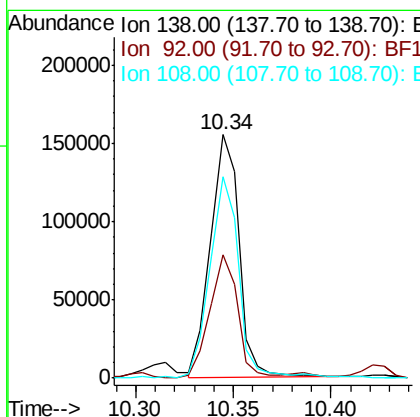
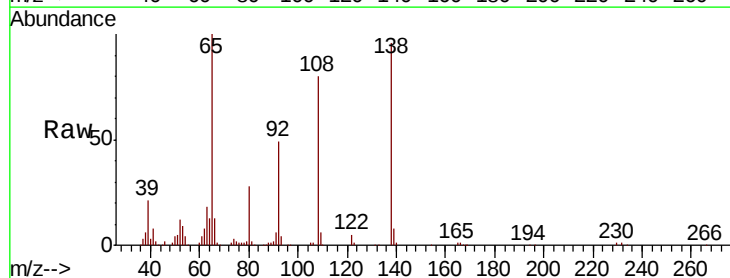
Manual Integrations
APPROVED

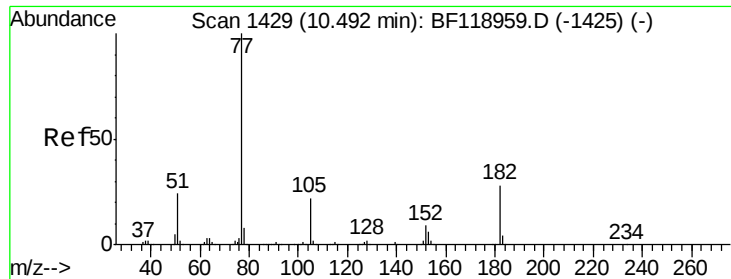
mohammad
3/9/2020 8:26:52 AM



#62
4-Nitroaniline
Concen: 33.857 ng
RT: 10.34 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	158879		
92	50.6		27.3	67.3
108	82.6		57.0	97.0





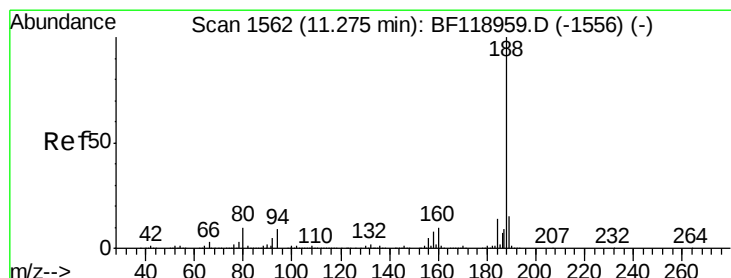
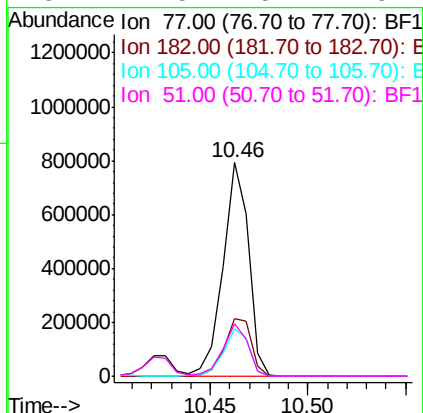
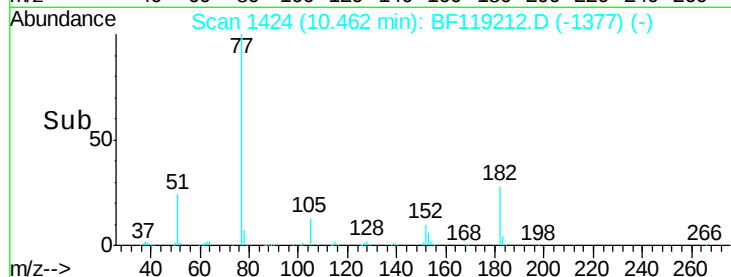
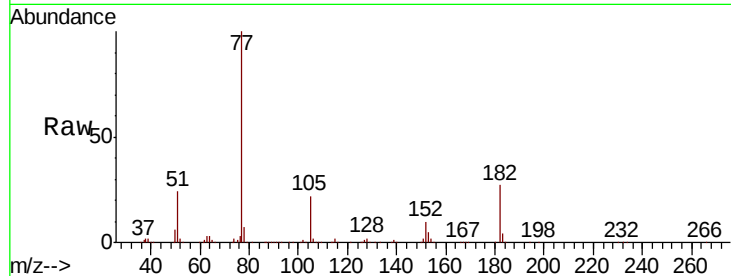
#63
Azobenzene
Concen: 47.036 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.0	11.4	51.4	
105	22.0	3.4	43.4	
51	24.5	5.1	45.1	

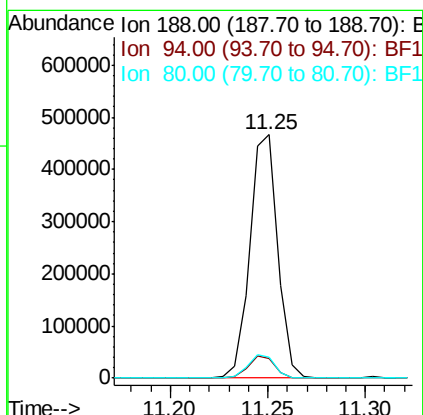
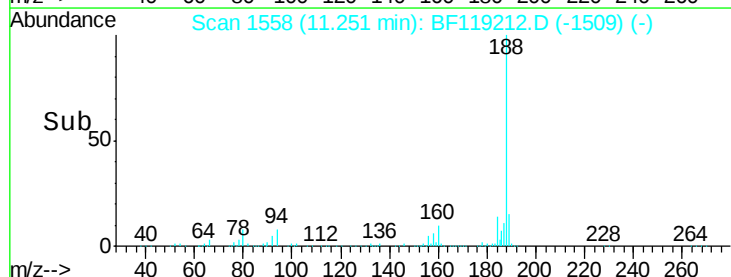
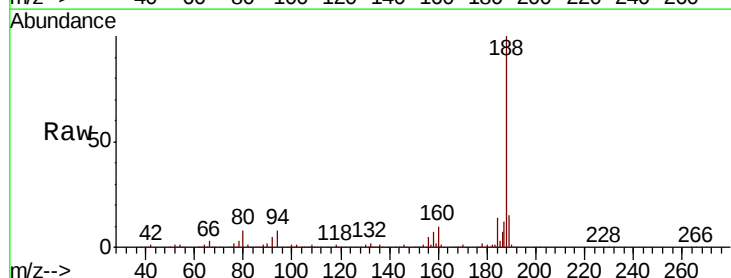
Manual Integrations
APPROVED

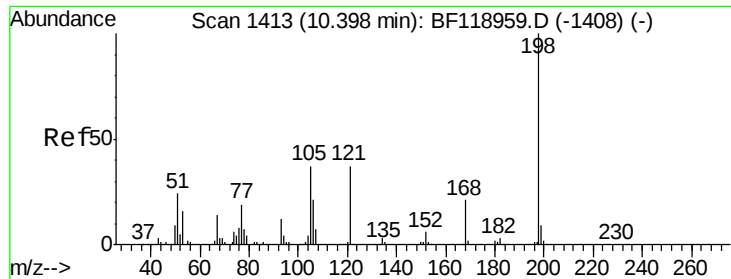
mohammad
3/9/2020 8:26:52 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.1	10.7	
80	8.5	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.796 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

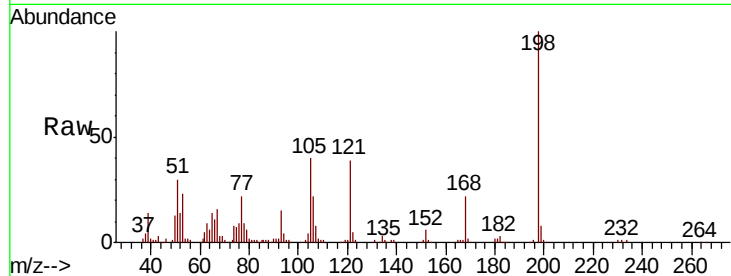
ClientSampled :

PB127257BS

Tot Ion:	198	Resp:	127422
Ion Ratio	Lower	Upper	
198	100		
51	30.5	14.2	54.2
105	40.1	22.7	62.7

Manual Integrations
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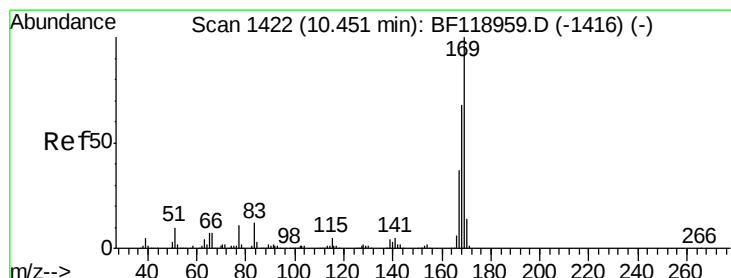
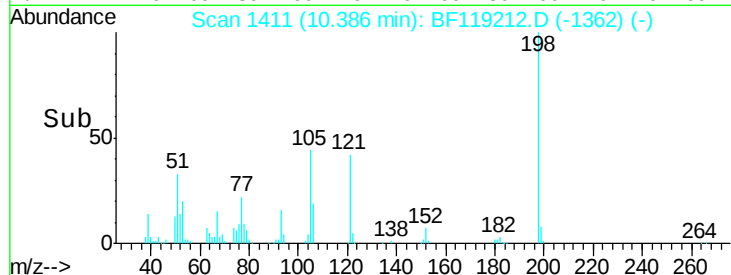
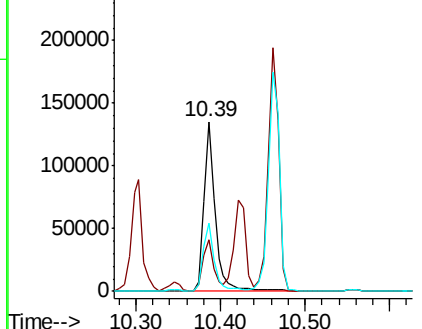
mohammad
3/9/2020 8:26:52 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.304 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119212.D

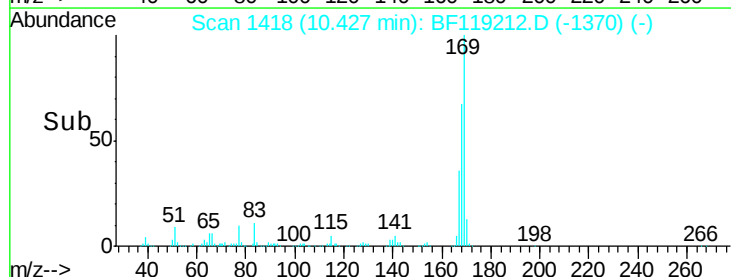
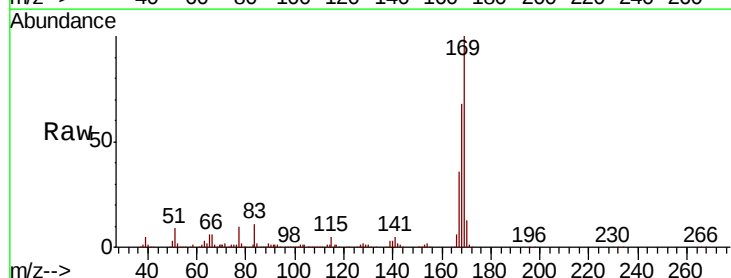
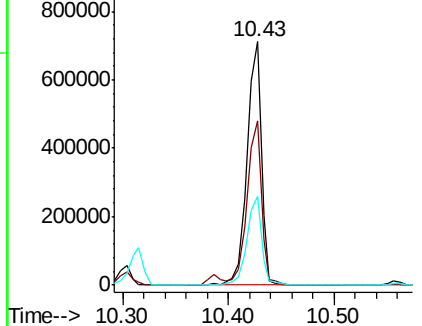
Acq: 5 Mar 2020 13:55

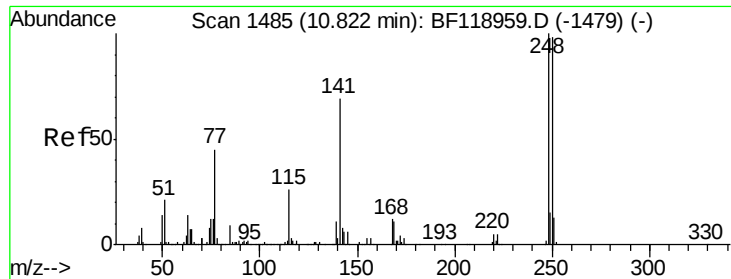
Tgt Ion:	169	Resp:	667029
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.1	81.1
167	36.4	29.4	44.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





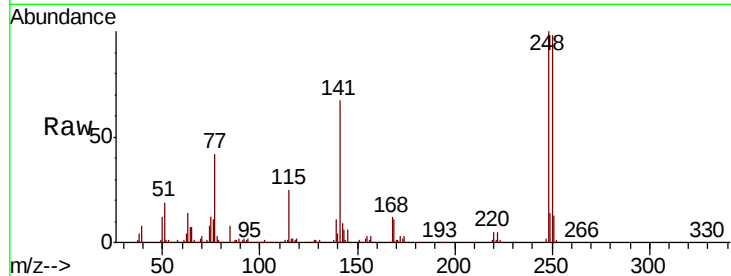
#67
4-Bromophenyl-phenylether
Concen: 42.678 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.7	115.1
141	67.3	60.7	91.1

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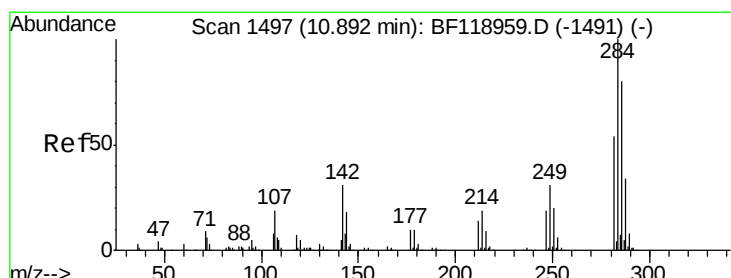
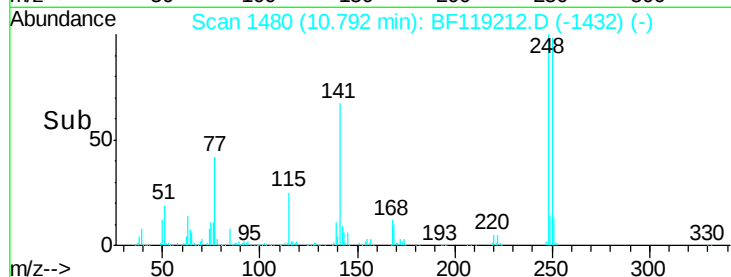
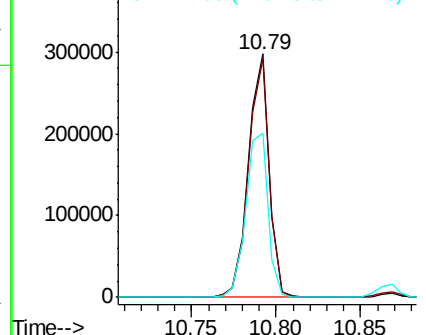


Abundance

Ion 248.00 (247.70 to 248.70): E

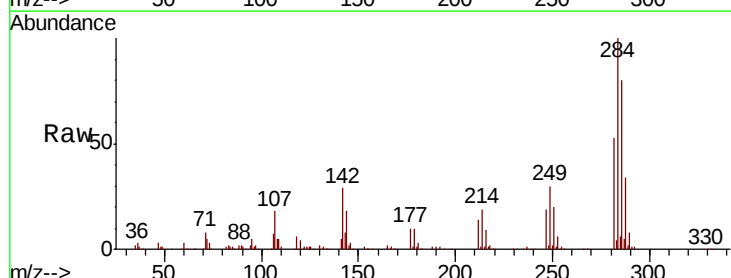
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.756 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	23.7	35.5
249	30.5	25.0	37.6

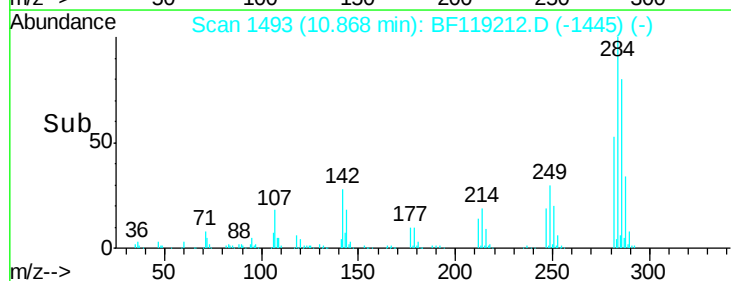
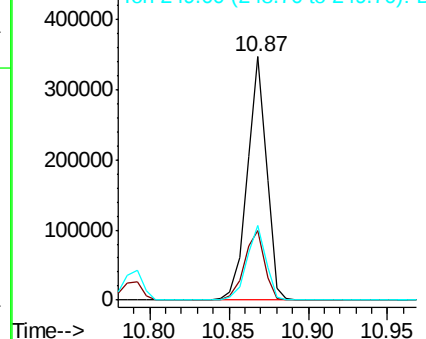


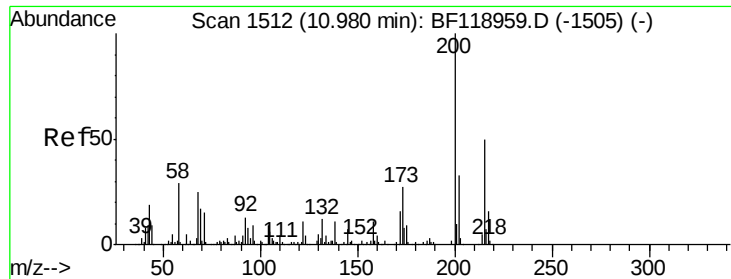
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





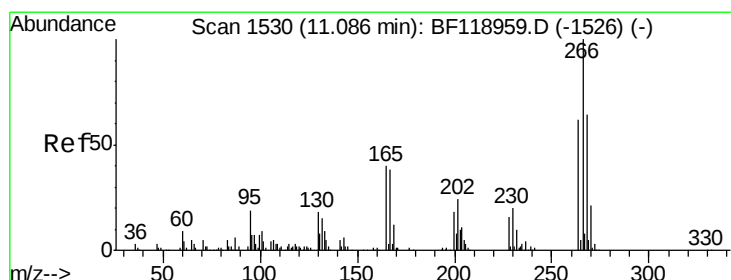
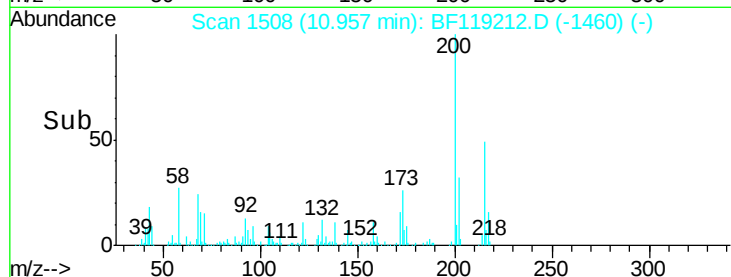
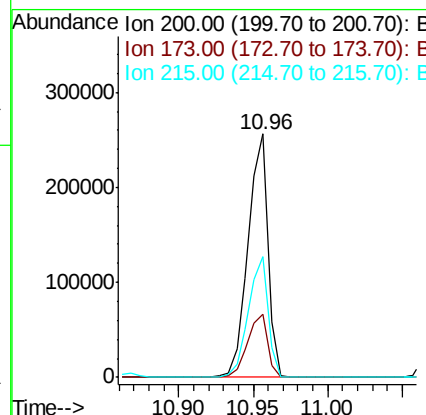
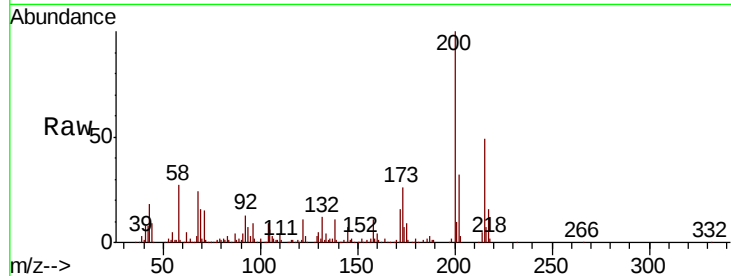
#69
Atrazine
Concen: 45.194 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	6.4	46.4
215	49.4	27.4	67.4

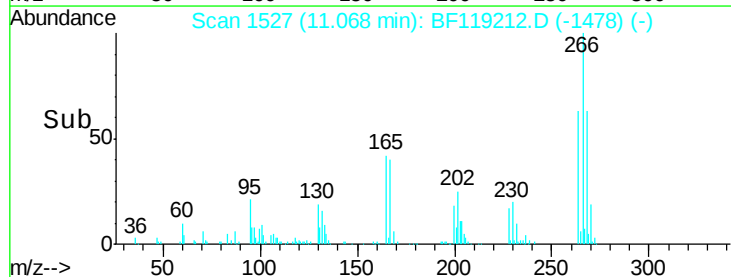
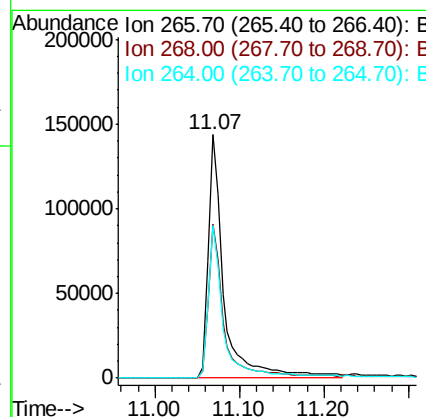
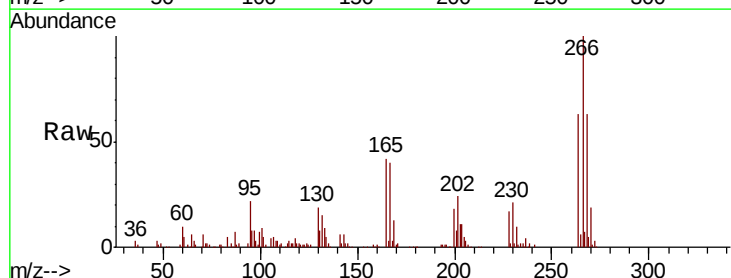
Manual Integrations
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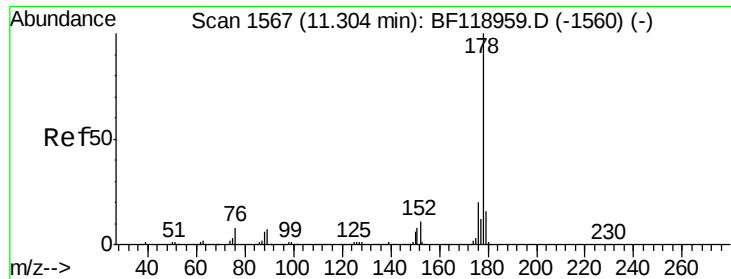
mohammad
3/9/2020 8:26:52 AM



#70
Pentachlorophenol
Concen: 67.069 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	51.9	77.9
264	62.9	51.0	76.4





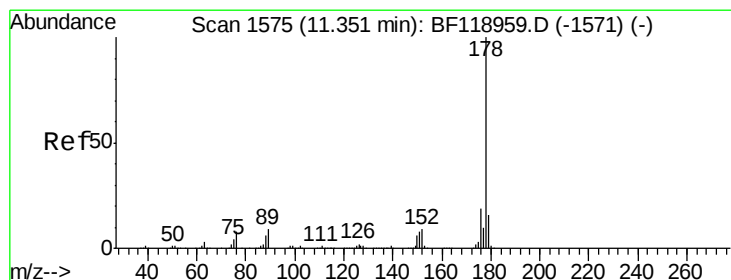
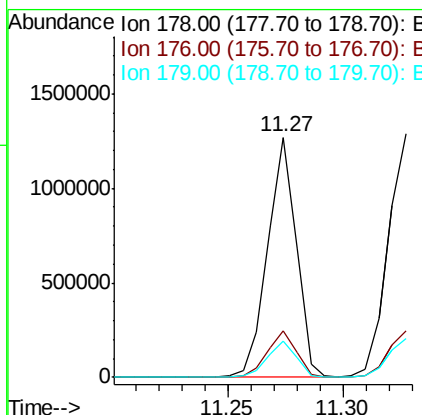
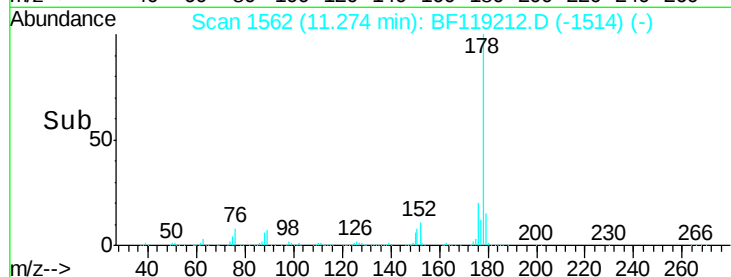
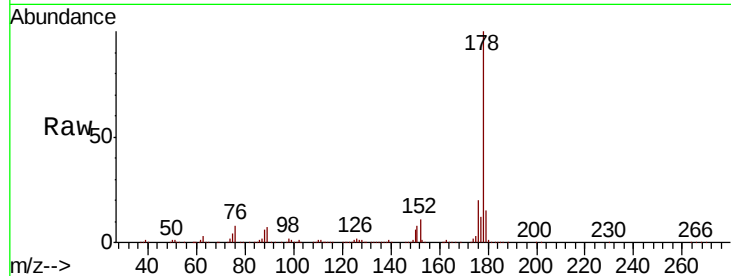
#71
 Phenanthrene
 Concen: 43.937 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.5	24.7
179	15.3	13.0	19.6

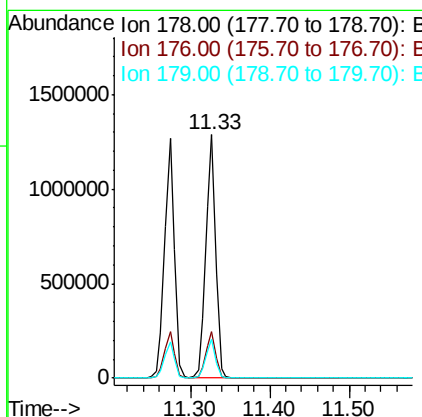
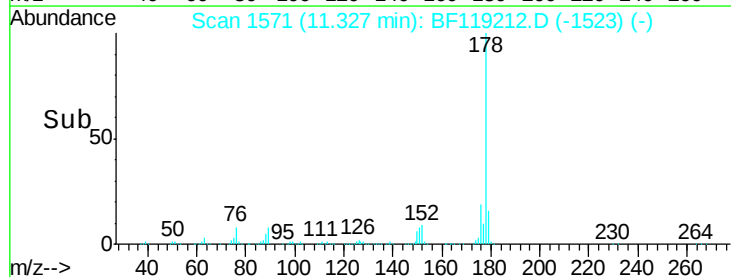
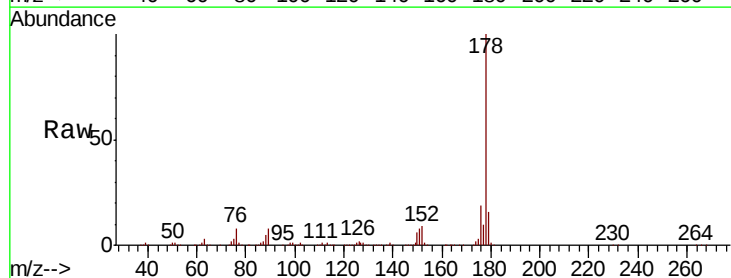
Manual Integrations
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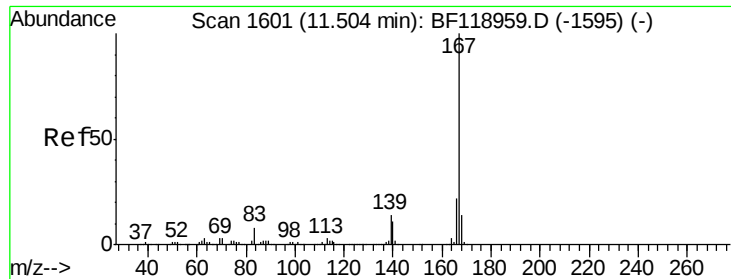
mohammad
 3/9/2020 8:26:52 AM



#72
 Anthracene
 Concen: 45.093 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.8	13.1	19.7





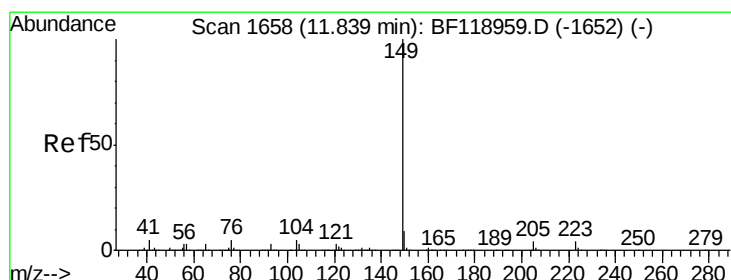
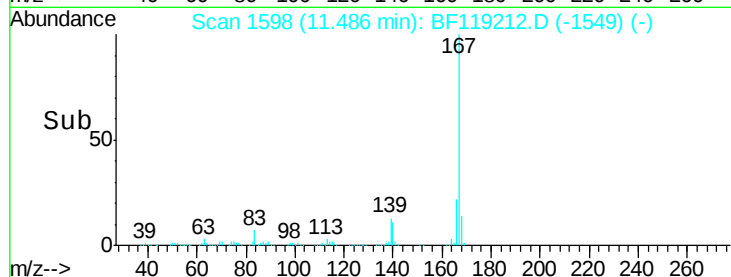
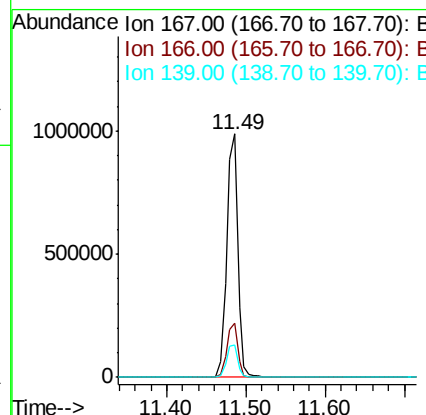
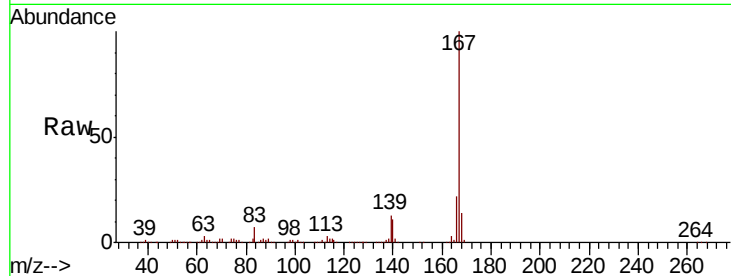
#73
 Carbazole
 Concen: 42.876 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion:	167	Resp:	957024
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.2	27.4
139	13.3	11.7	17.5

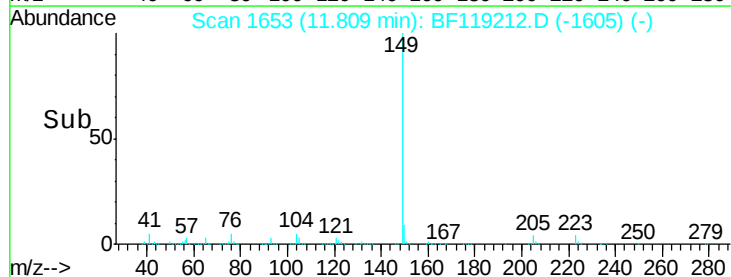
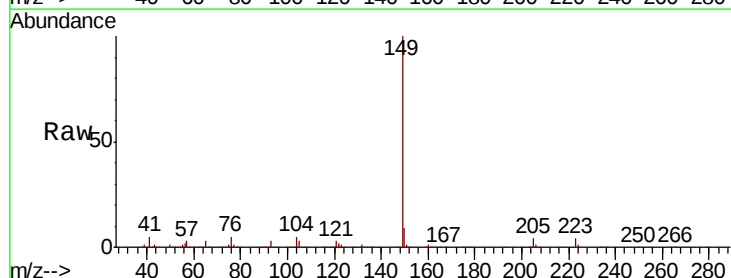
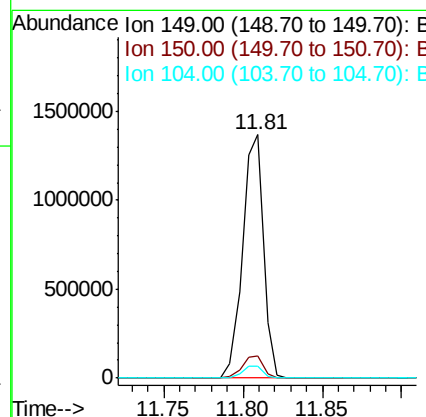
Manual Integrations
 APPROVED

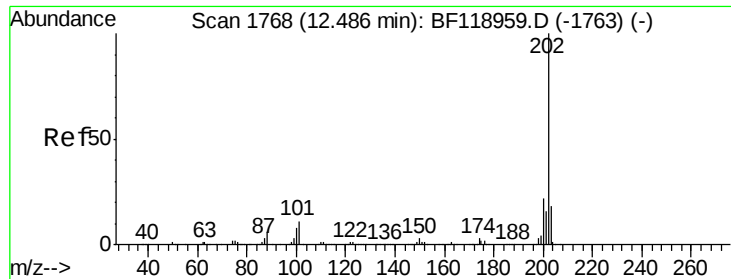
mohammad
 3/9/2020 8:26:52 AM



#74
 Di-n-butylphthalate
 Concen: 46.065 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion:	149	Resp:	1245165
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.9	11.9
104	4.8	4.6	6.8





#75

Fluoranthene

Concen: 42.887 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

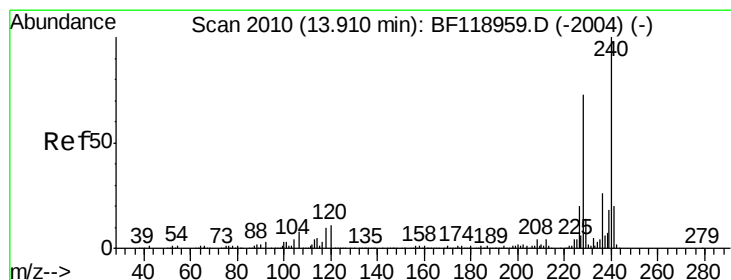
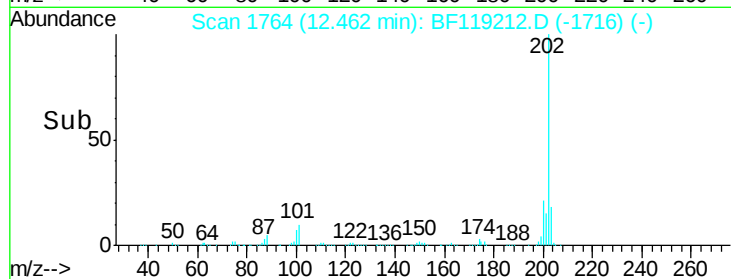
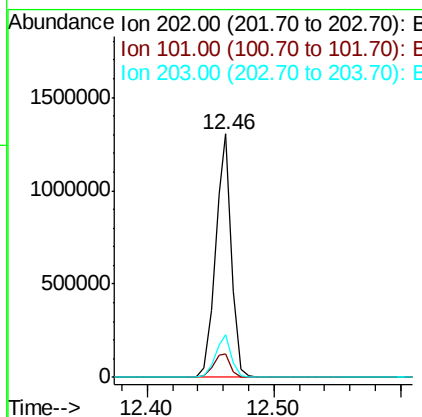
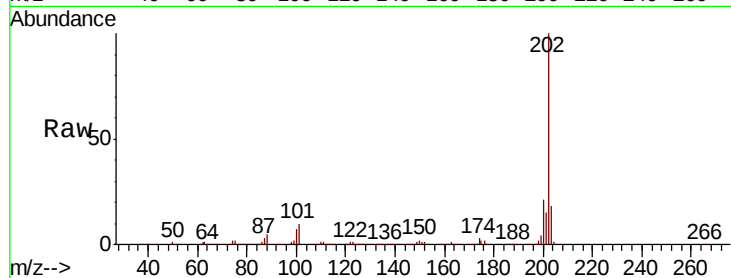
ClientSampleId :

PB127257BS

Tot Ion:	202	Resp:	1141531
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.3
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

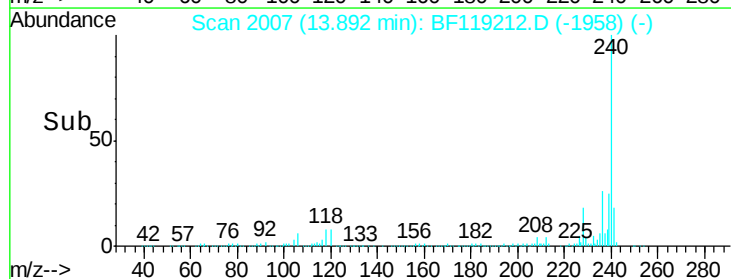
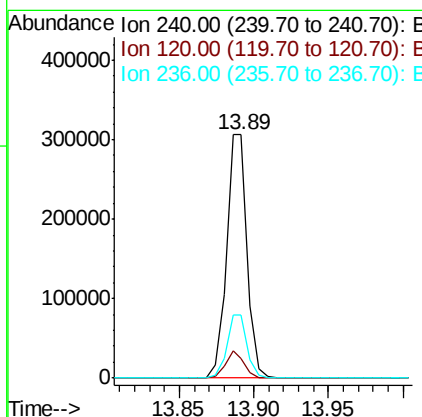
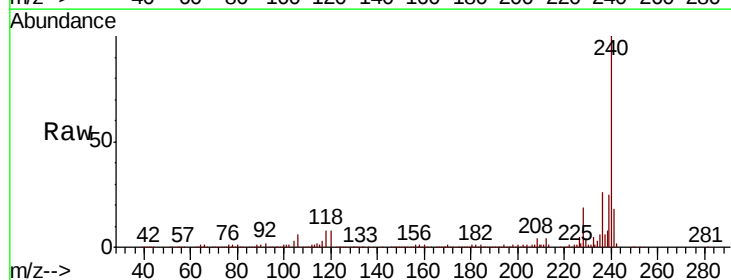
RT: 13.89 min Scan# 2007

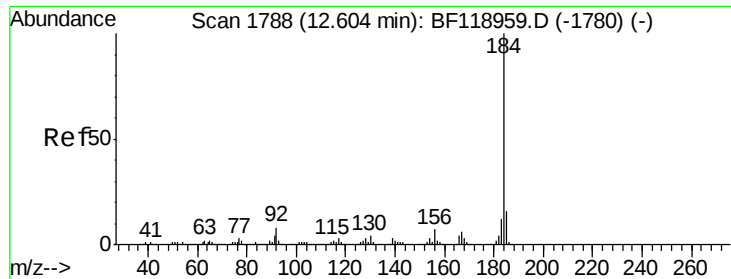
Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:	240	Resp:	297820
Ion Ratio	Lower	Upper	
240	100		
120	8.1	8.4	12.6#
236	26.1	21.0	31.4





#77

Benzidine

Concen: 30.931 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

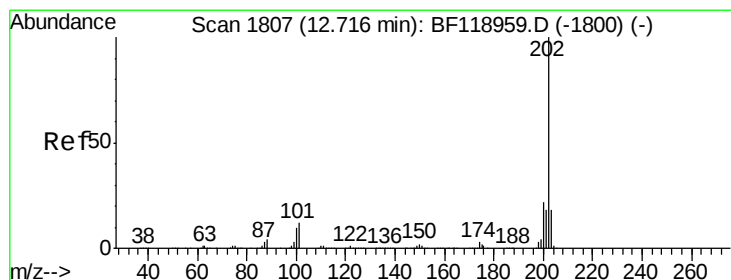
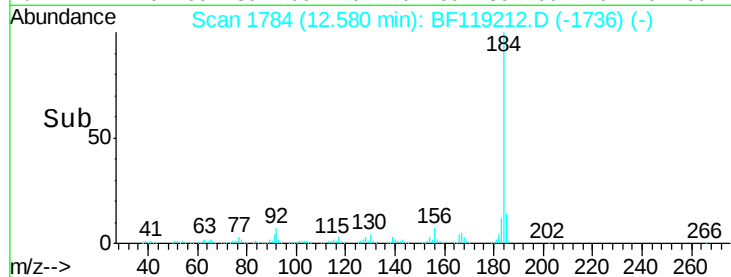
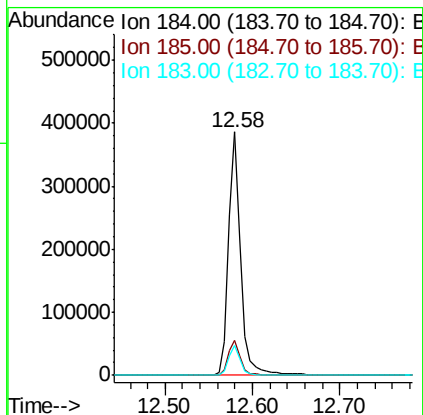
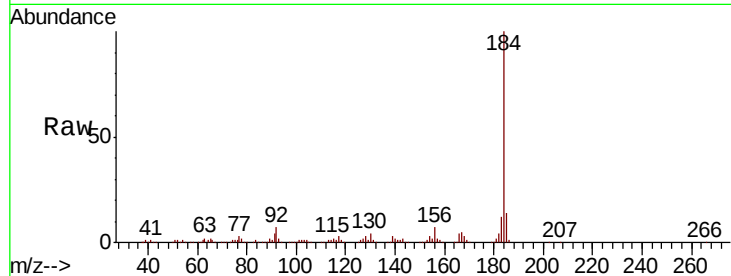
ClientSampleId :

PB127257BS

Tot Ion:	184	Resp:	374640
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.1	9.9	14.9

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#78

Pyrene

Concen: 47.072 ng

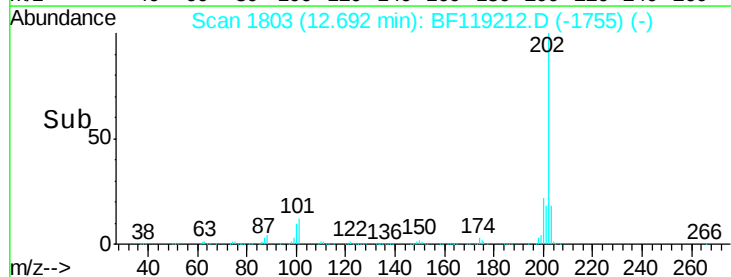
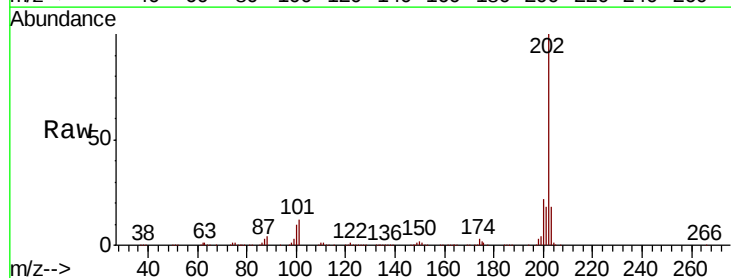
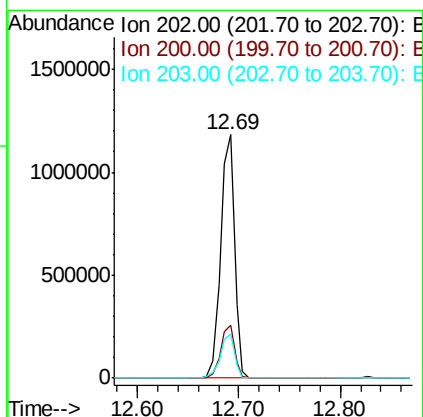
RT: 12.69 min Scan# 1803

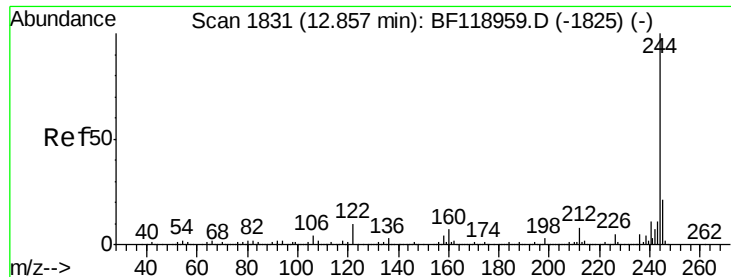
Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:	202	Resp:	1125704
Ion Ratio	Lower	Upper	
202	100		
200	21.6	18.0	27.0
203	17.8	14.6	22.0





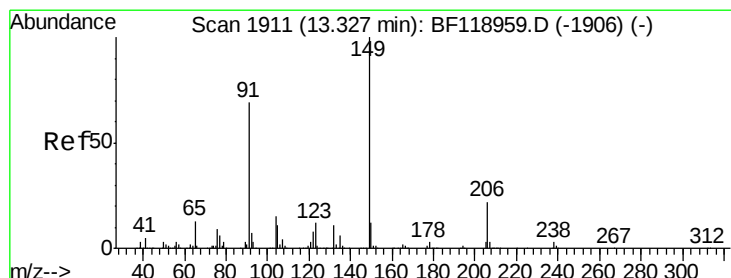
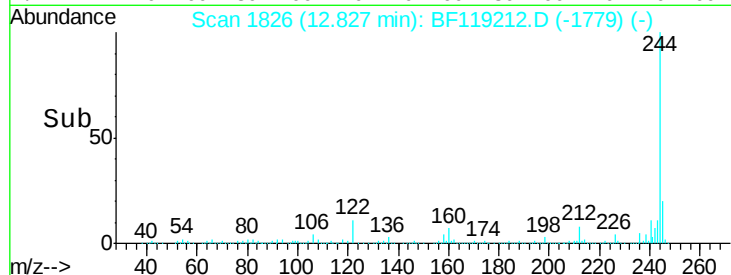
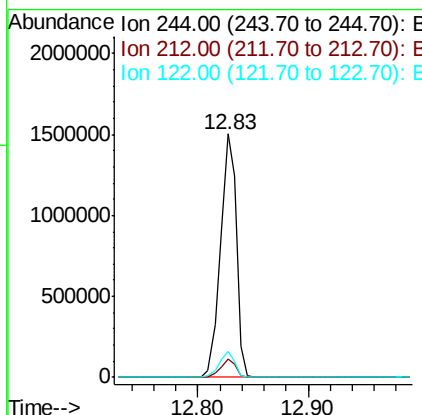
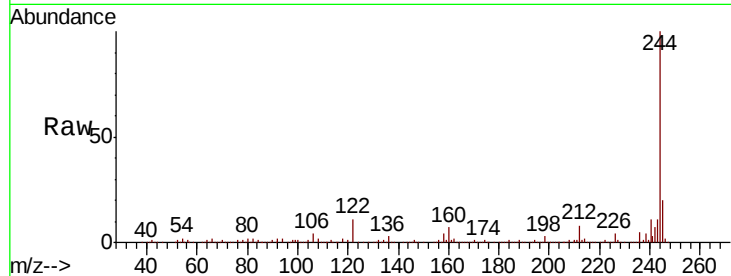
#79
 Terphenyl-d14
 Concen: 87.594 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	10.6	8.2	12.2

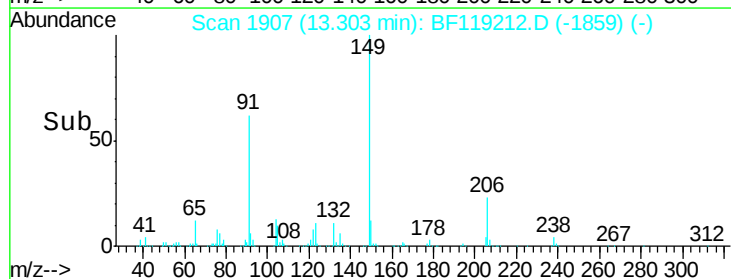
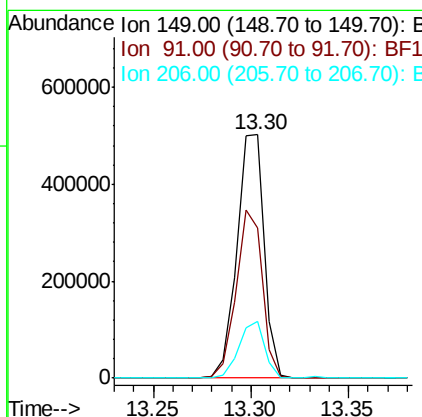
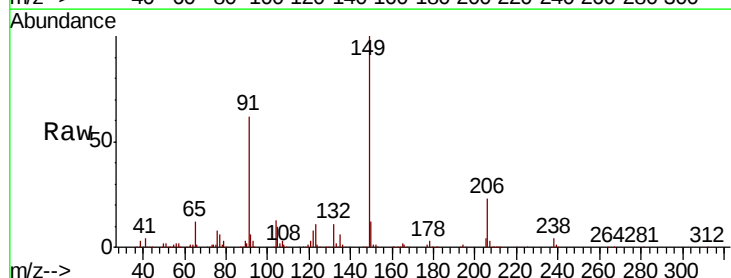
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#80
 Butylbenzylphthalate
 Concen: 48.237 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.8	52.3	78.5
206	23.3	18.5	27.7





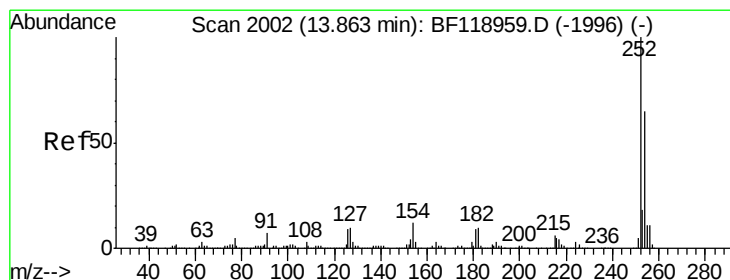
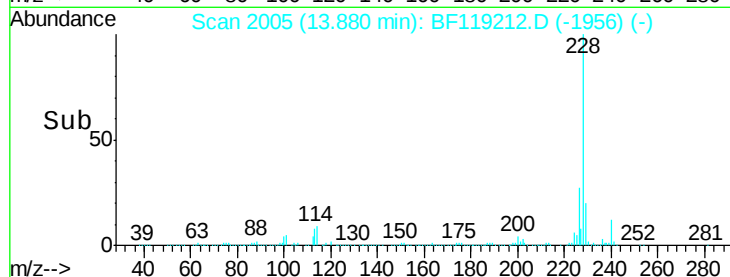
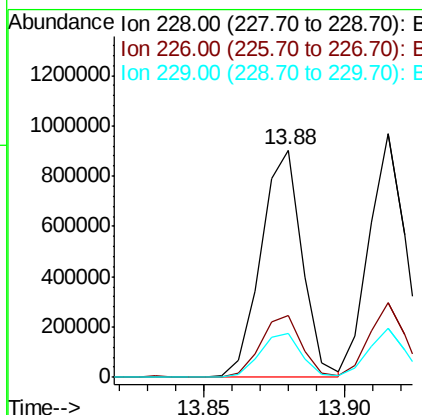
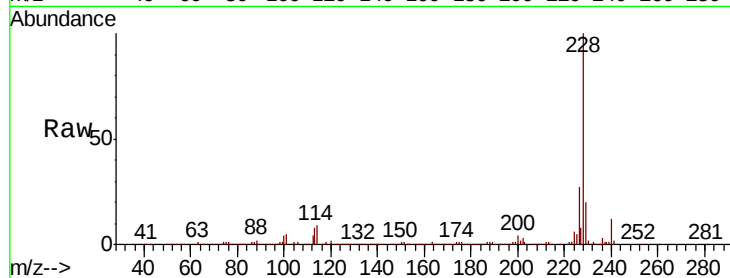
#81
Benzo(a)anthracene
Concen: 44.891 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.5	16.6	24.8

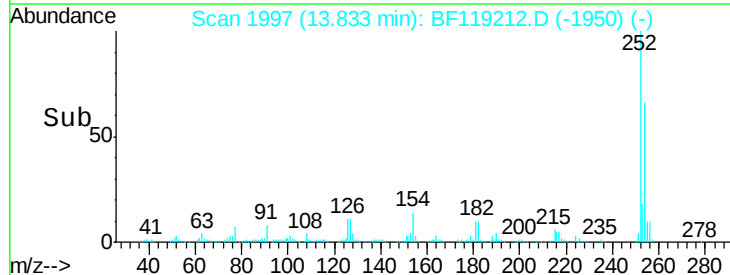
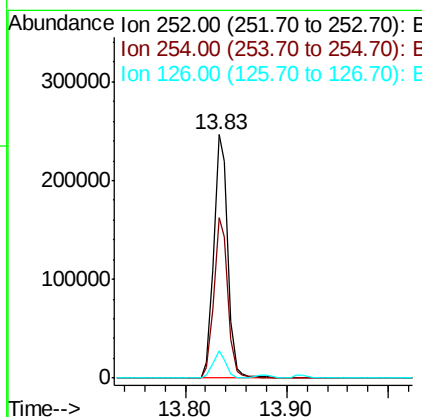
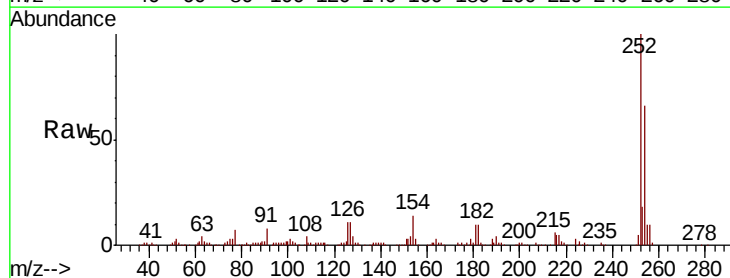
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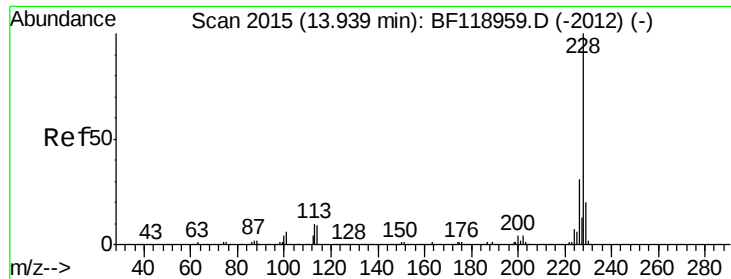
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#82
3,3'-Dichlorobenzidine
Concen: 30.222 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.6	77.4
126	11.0	7.4	11.0





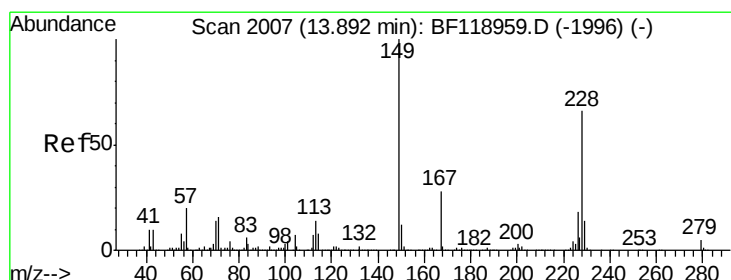
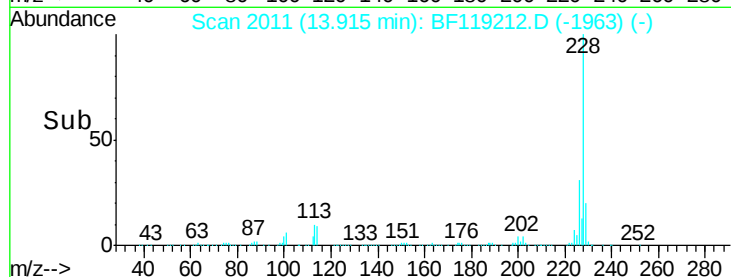
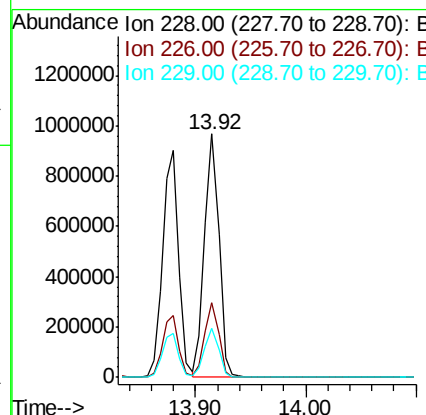
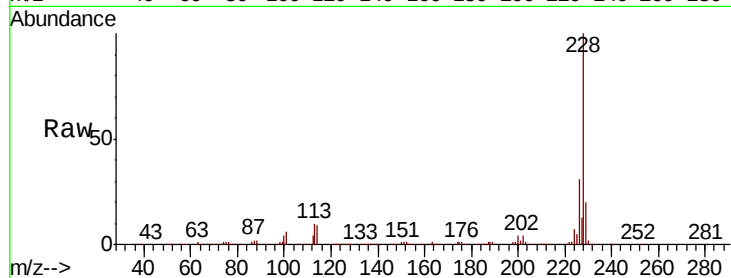
#83
 Chrvsene
 Concen: 42.202 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127257BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	20.0	16.3	24.5

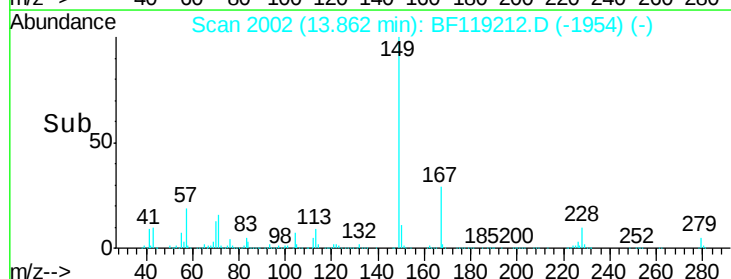
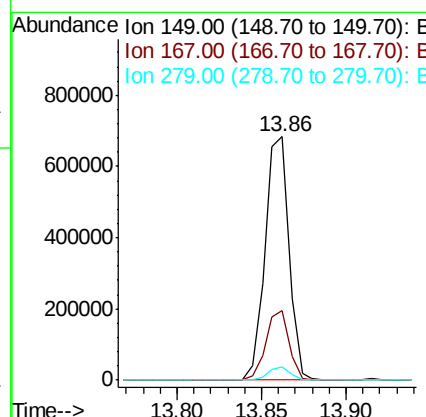
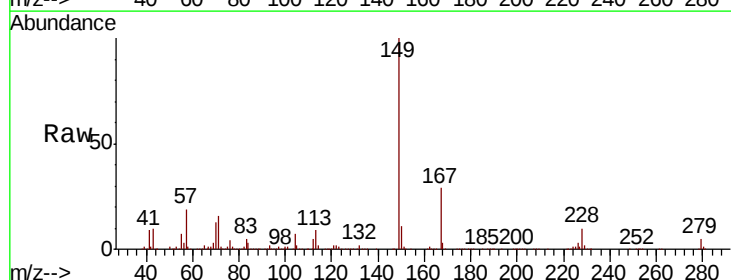
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.973 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119212.D
 Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.8	34.2
279	5.4	4.6	6.8





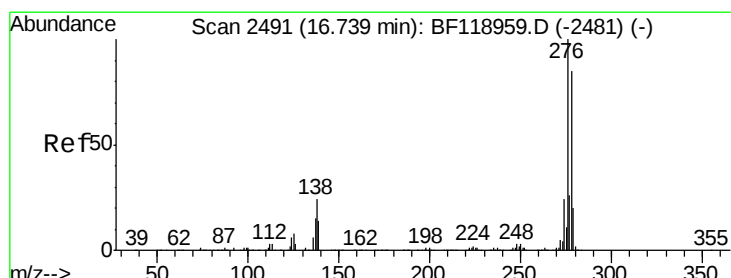
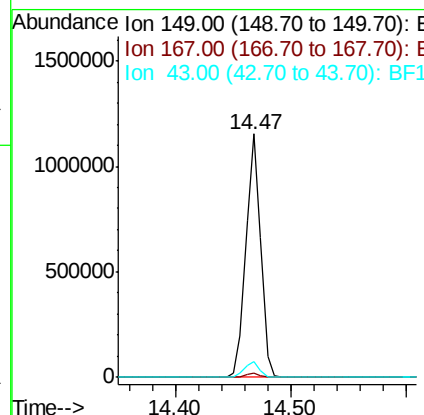
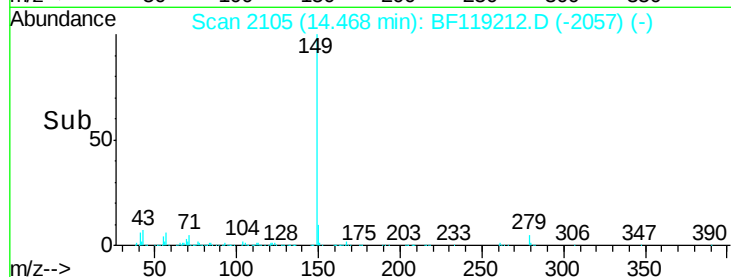
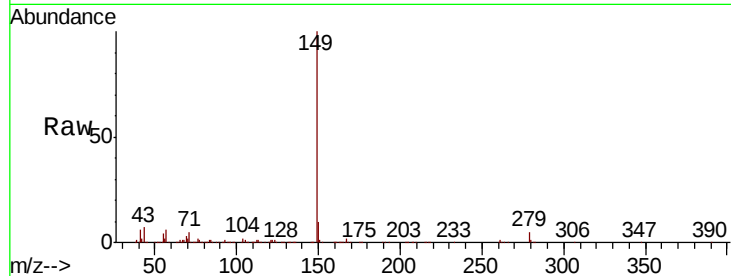
#85
Di-n-octyl phthalate
Concen: 50.346 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.5	5.7	8.5

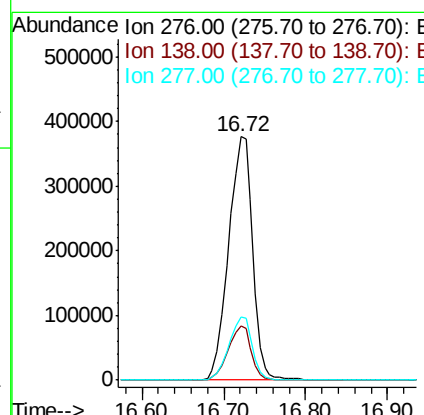
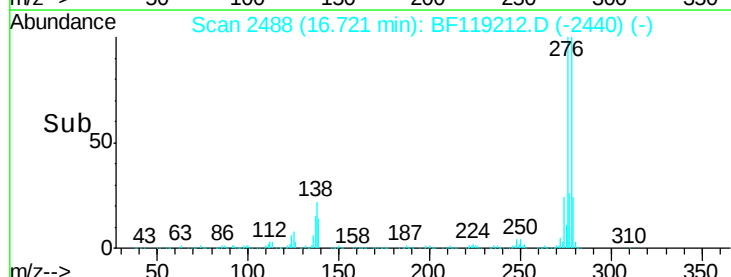
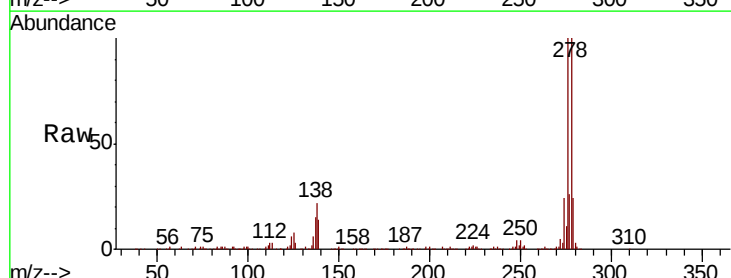
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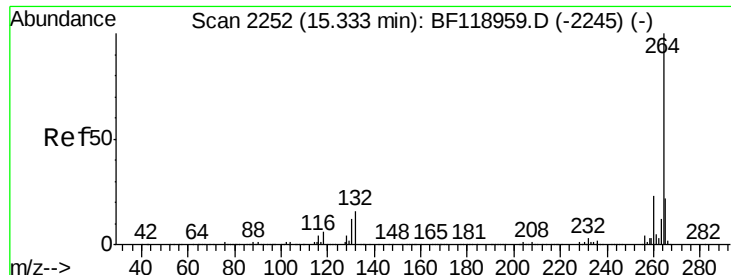
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.432 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.4	26.0
277	25.4	20.3	30.5





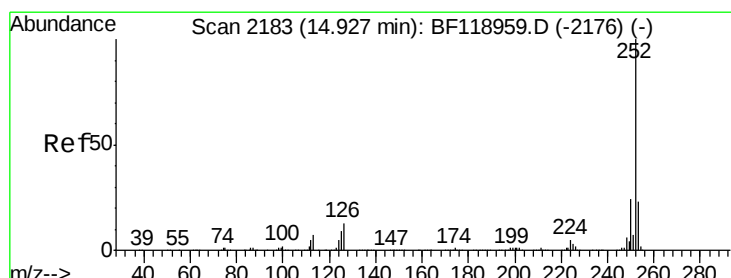
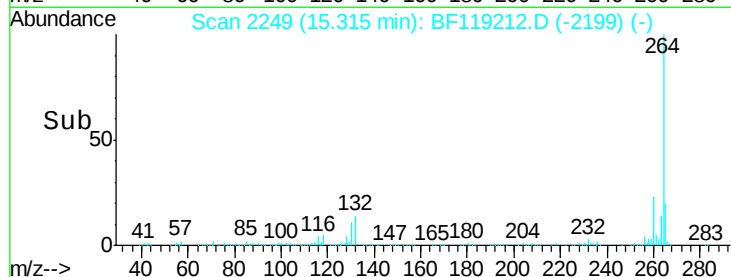
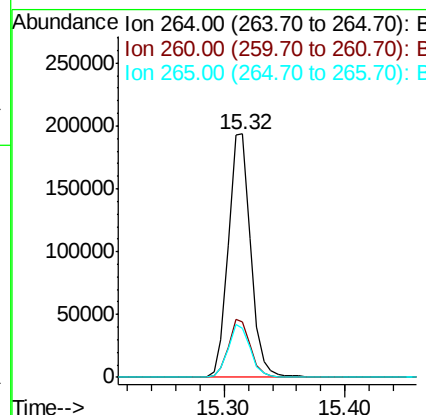
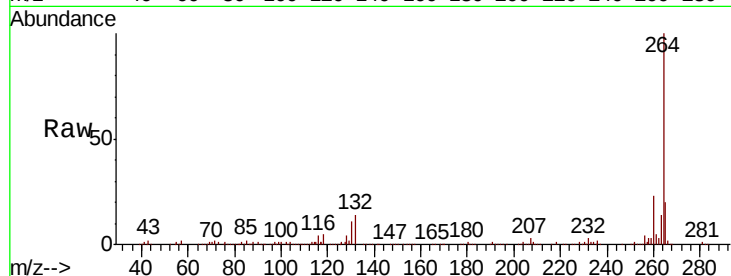
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleID :
PB127257BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	20.3	17.7	26.5

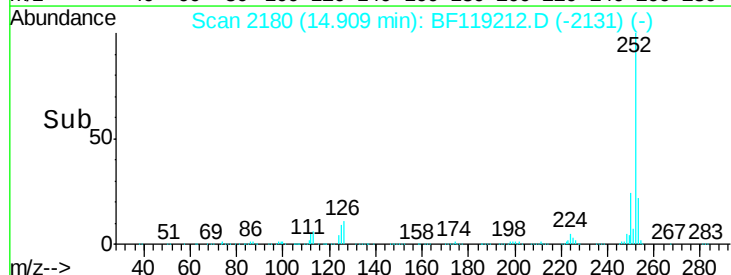
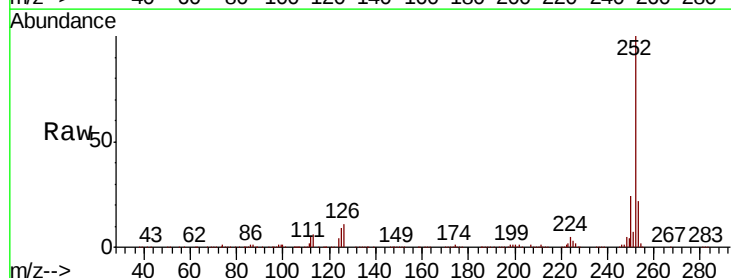
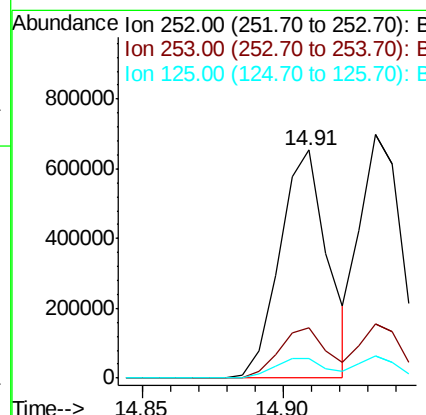
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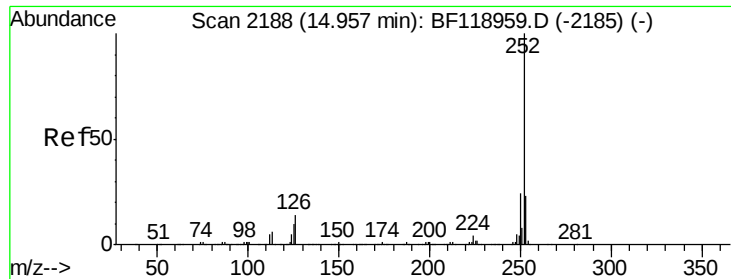
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#88
Benzo(b)fluoranthene
Concen: 46.871 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	8.6	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 47.096 ng

RT: 14.93 min Scan# 2184

Delta R.T. -0.02 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Instrument :

BNA_F

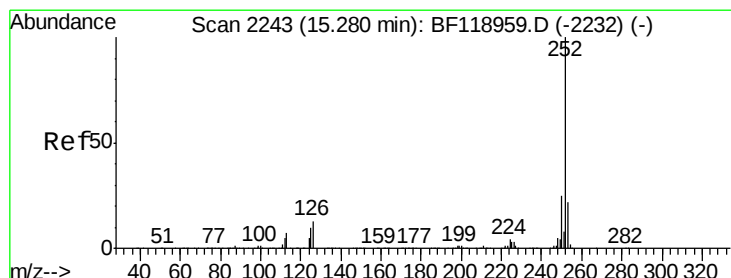
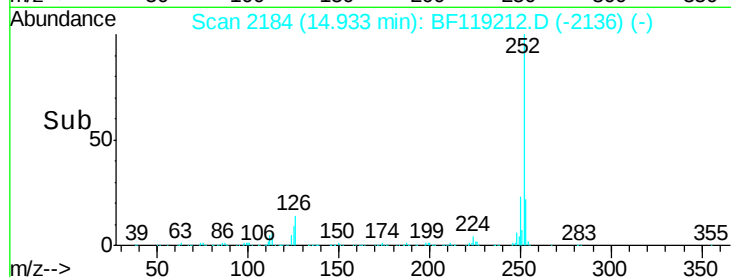
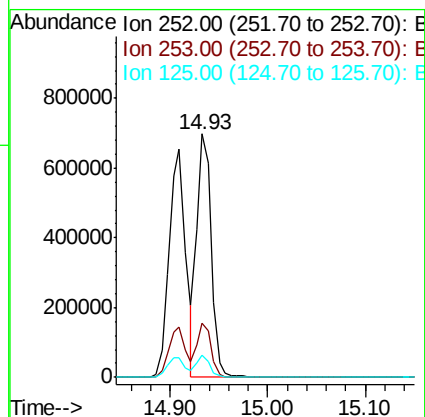
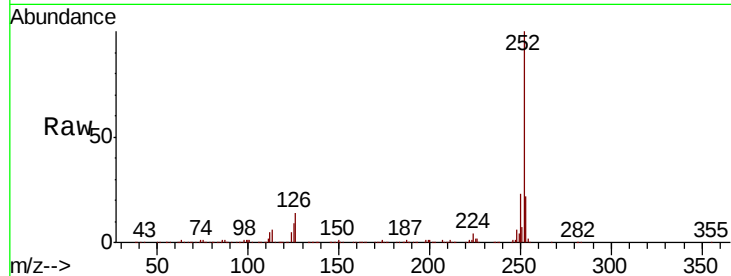
ClientSampleId :

PB127257BS

Tot Ion:	252	Resp:	715771
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	9.2	7.5	11.3

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#90

Benzo(a)pyrene

Concen: 43.978 ng

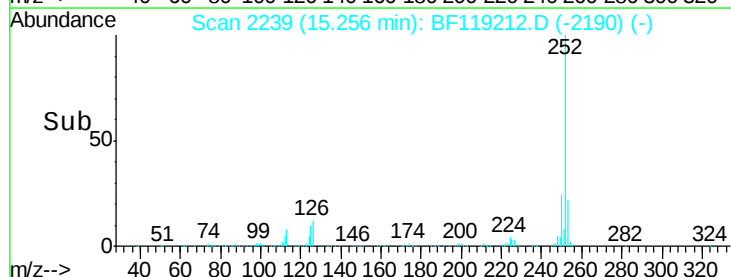
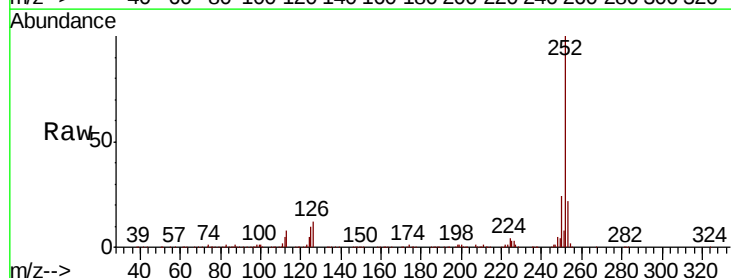
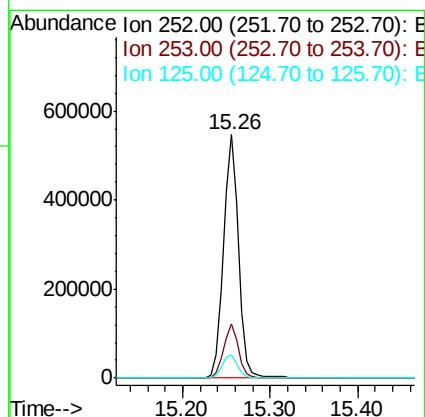
RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF119212.D

Acq: 5 Mar 2020 13:55

Tgt Ion:	252	Resp:	650935
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	9.7	8.6	12.8





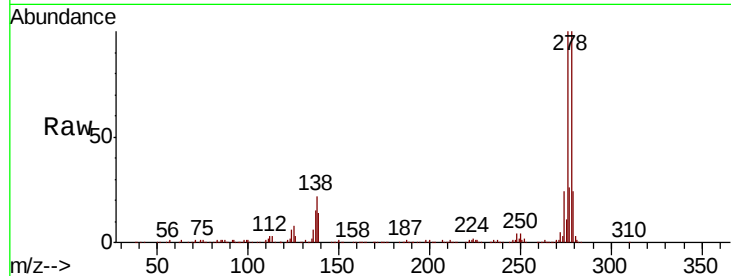
#91
Dibenzo(a,h)anthracene
Concen: 50.083 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Instrument :
BNA_F
ClientSampleId :
PB127257BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.0	16.4
279	23.8	18.6	28.0

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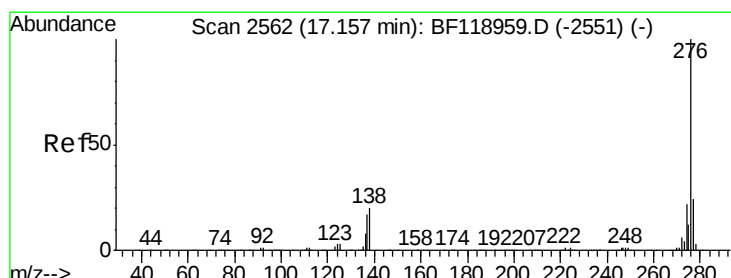
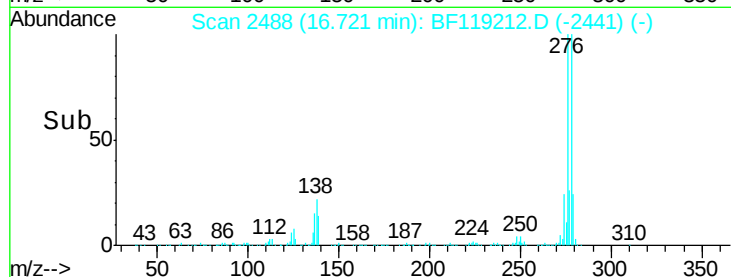
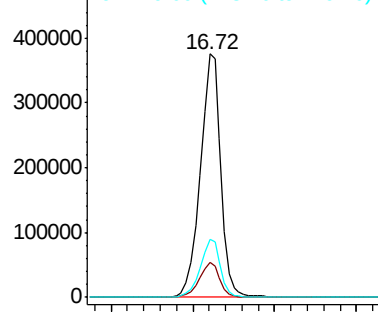


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.110 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119212.D
Acq: 5 Mar 2020 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.7	28.1
138	18.5	14.3	21.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

