

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120214.D
 Acq On : 27 Apr 2020 13:07
 Operator : MA/SJ
 Sample : L2407-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Manual Integrations
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mohammad
 4/28/2020 11:08:28 PM

Quant Time: Apr 27 13:38:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	151204	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	581997	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	287718	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	569170	20.00	ng	0.00
76) Chrysene-d12	13.83	240	383218	20.00	ng	0.00
87) Perylene-d12	15.24	264	338844	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	731022	83.55	ng	0.00
7) Phenol-d6	6.32	99	959102	85.07	ng	0.00
23) Nitrobenzene-d5	7.23	82	613993	54.58	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	267989	76.08	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1206613	59.54	ng	0.00
79) Terphenyl-d14	12.78	244	1365238	59.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	178972	45.926	ng	99
3) Pyridine	3.03	79	500182	46.782	ng	95
4) n-Nitrosodimethylamine	3.00	42	288021	52.724	ng	97
6) Aniline	6.33	93	603839	40.808	ng	# 60
8) 2-Chlorophenol	6.46	128	558385	57.119	ng	100
9) Benzaldehyde	6.21	77	216809	33.353	ng	95
10) Phenol	6.34	94	711157	55.602	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	531584	53.828	ng	96
12) 1,3-Dichlorobenzene	6.60	146	561374	52.452	ng	97
13) 1,4-Dichlorobenzene	6.68	146	568305	52.127	ng	98
14) 1,2-Dichlorobenzene	6.84	146	537892	53.535	ng	98
15) Benzyl Alcohol	6.82	79	455932	52.068	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	880110	45.798	ng	61
17) 2-Methylphenol	6.95	107	441246	50.578	ng	# 90
18) Hexachloroethane	7.17	117	218549	53.639	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	380670	52.509	ng	99
20) 3+4-Methylphenols	7.10	107	574336	53.828	ng	# 84
22) Acetophenone	7.08	105	751931	55.173	ng	# 99
24) Nitrobenzene	7.26	77	583906	51.596	ng	98
25) Isophorone	7.50	82	1071324	49.401	ng	99
26) 2-Nitrophenol	7.57	139	307941	54.465	ng	90
27) 2,4-Dimethylphenol	7.62	122	466117	54.662	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	663162	51.967	ng	99
29) 2,4-Dichlorophenol	7.82	162	458159	52.417	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	494369	49.917	ng	98
31) Naphthalene	7.97	128	1580076	51.602	ng	98
32) Benzoic acid	7.79	122	348373	46.518	ng	93
33) 4-Chloroaniline	8.03	127	359170	26.944	ng	98
34) Hexachlorobutadiene	8.09	225	285101	48.090	ng	98
35) Caprolactam	8.42	113	140820m	52.668	ng	
36) 4-Chloro-3-methylphenol	8.53	107	495841	52.397	ng	98
37) 2-Methylnaphthalene	8.67	142	1067005	51.398	ng	98
38) 1-Methylnaphthalene	8.77	142	1002395	51.229	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	466636	51.350	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	464003	89.794	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	328051	52.277	nq	97
44) 2,4,5-Trichlorophenol	9.00	196	346092	48.968	nq	95
46) 1,1'-Biphenyl	9.13	154	1269736	52.285	nq	98
47) 2-Chloronaphthalene	9.16	162	966524	51.664	nq	99
48) 2-Nitroaniline	9.26	65	351673	51.873	nq	94
49) Acenaphthylene	9.57	152	1519659	53.413	nq	98
50) Dimethylphthalate	9.45	163	1314938	59.086	nq	100
51) 2,6-Dinitrotoluene	9.50	165	250362	51.373	nq	89
52) Acenaphthene	9.75	154	908486	47.868	nq	99
53) 3-Nitroaniline	9.67	138	179922	32.326	nq	91
54) 2,4-Dinitrophenol	9.79	184	270603	92.745	nq	97
55) Dibenzofuran	9.92	168	1372580	52.703	nq	100
56) 4-Nitrophenol	9.87	139	351801	84.950	nq	96
57) 2,4-Dinitrotoluene	9.92	165	333633	51.962	nq	# 91
58) Fluorene	10.26	166	984902	47.287	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	282559	52.272	nq	98
60) Diethylphthalate	10.15	149	1084134	47.003	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	472463	44.258	nq	98
62) 4-Nitroaniline	10.30	138	246683	46.506	nq	96
63) Azobenzene	10.42	77	1133334	54.828	nq	95
65) 4,6-Dinitro-2-methylphenol	10.33	198	174190	46.454	nq	93
66) n-Nitrosodiphenylamine	10.37	169	1005066	53.097	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	320854	45.330	nq	98
68) Hexachlorobenzene	10.81	284	343844	47.885	nq	92
69) Atrazine	10.91	200	272459	51.733	nq	98
70) Pentachlorophenol	11.01	266	318849	77.054	nq	98
71) Phenanthrene	11.22	178	1600210	52.826	nq	98
72) Anthracene	11.27	178	1666308	53.848	nq	98
73) Carbazole	11.43	167	1494755	51.079	nq	98
74) Di-n-butylphthalate	11.76	149	1856646	48.262	nq	99
75) Fluoranthene	12.41	202	1562847	47.816	nq	97
77) Benzidine	12.53	184	928164	71.651	nq	98
78) Pyrene	12.64	202	1771369	54.831	nq	98
80) Butylbenzylphthalate	13.26	149	784198	50.025	nq	97
81) Benzo(a)anthracene	13.83	228	1318735	52.309	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	403334	42.878	nq	98
83) Chrysene	13.86	228	1373957	53.636	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1045812	49.265	nq	99
85) Di-n-octyl phthalate	14.43	149	1708437	47.266	nq	98
86) Indeno(1,2,3-cd)pyrene	16.61	276	1220478	54.050	nq	99
88) Benzo(b)fluoranthene	14.84	252	1223406	50.190	nq	98
89) Benzo(k)fluoranthene	14.87	252	1162287	55.264	nq	99
90) Benzo(a)pyrene	15.19	252	1084305	52.906	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	996417	54.886	nq	98
92) Benzo(g,h,i)perylene	17.02	276	979678	54.669	nq	98

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



#1

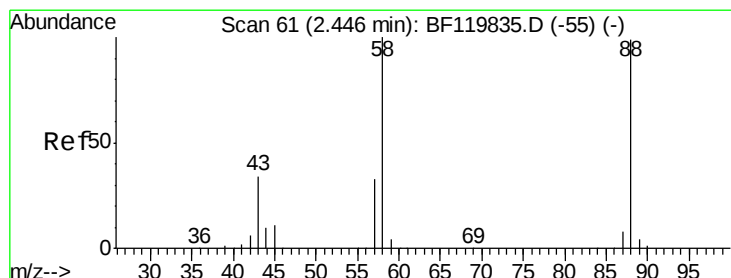
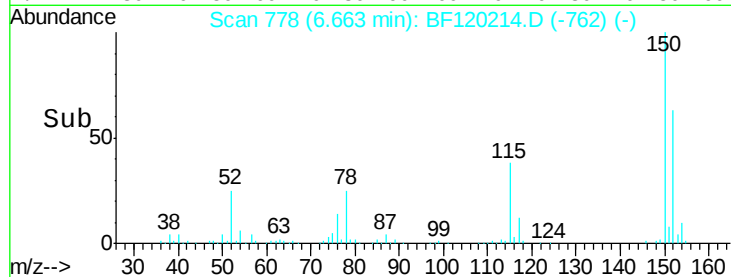
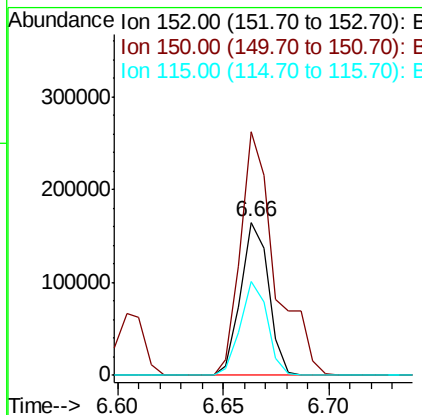
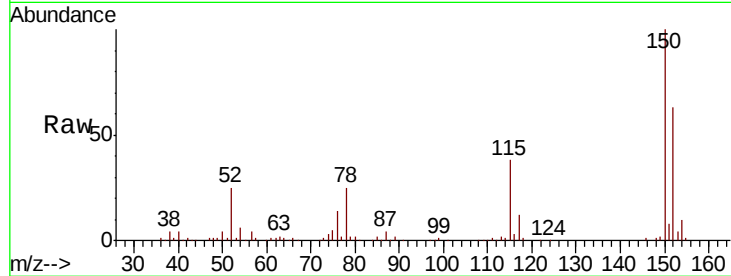
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.5	186.7
115	61.0	49.6	74.4

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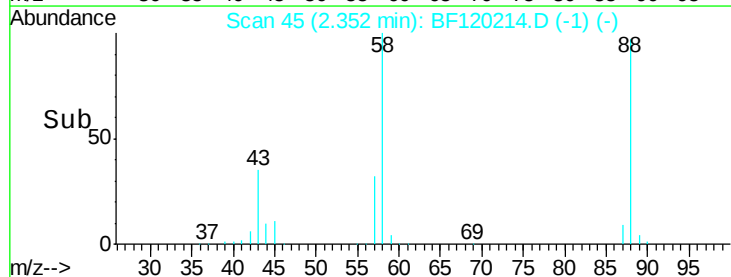
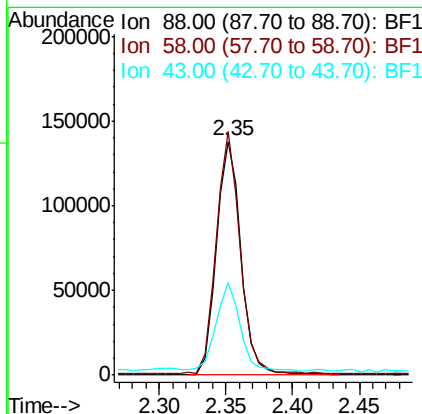
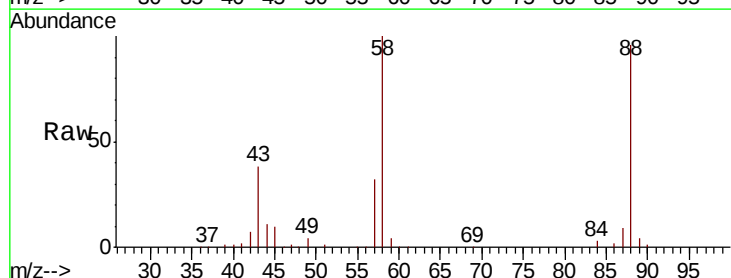
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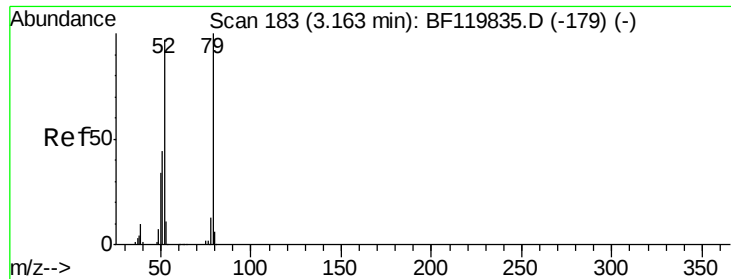


#2

1,4-Dioxane
Concen: 45.926 ng
RT: 2.35 min Scan# 45
Delta R.T. 0.08 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.6	80.6	121.0
43	36.2	27.5	41.3





#3

Pvridine

Concen: 46.782 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.07 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

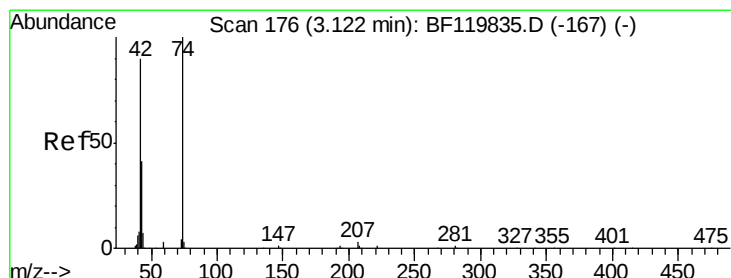
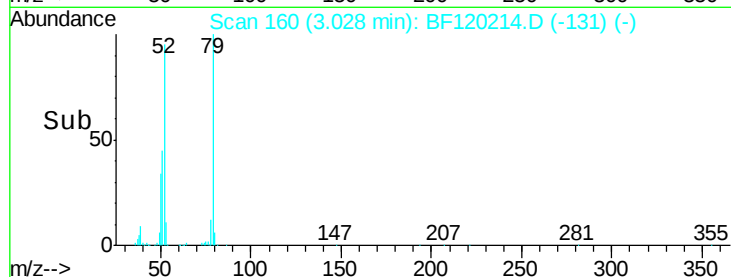
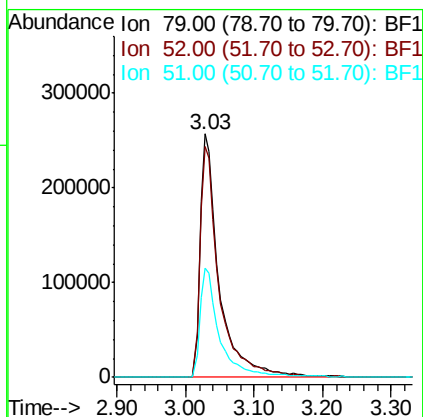
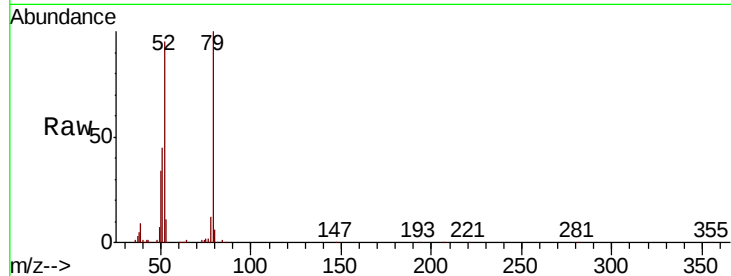
ClientSampleId :

RBR-200010MS

Tot Ion:	79	Resp:	500182
Ion Ratio	Lower	Upper	
79	100		
52	95.0	80.2	120.2
51	44.8	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 52.724 ng

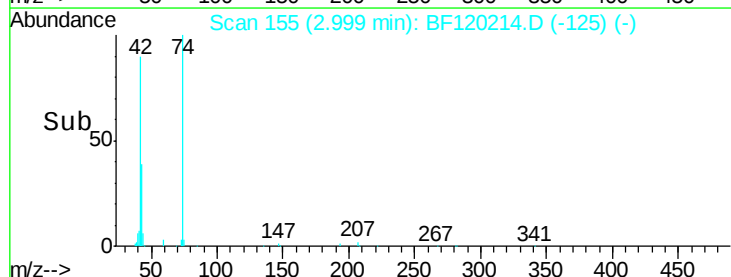
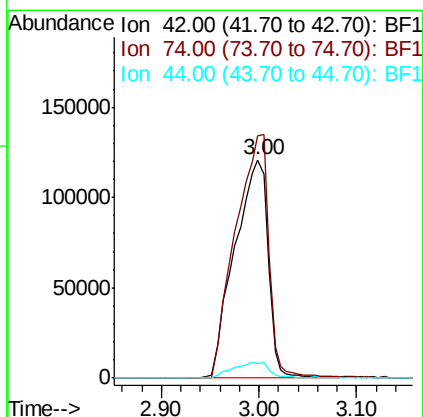
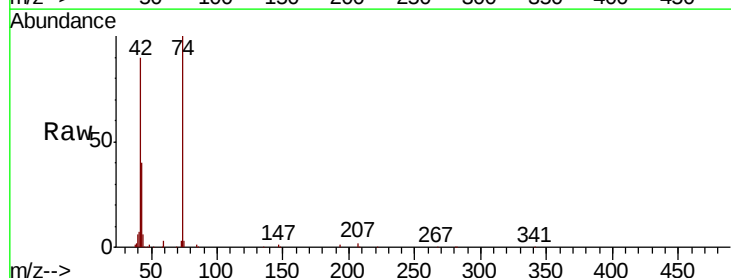
RT: 3.00 min Scan# 155

Delta R.T. 0.08 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	42	Resp:	288021
Ion Ratio	Lower	Upper	
42	100		
74	110.8	91.5	137.3
44	6.6	6.2	9.4





#5

2-Fluorophenol

Concen: 83.552 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

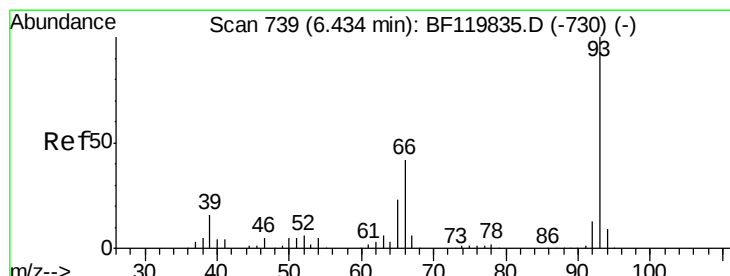
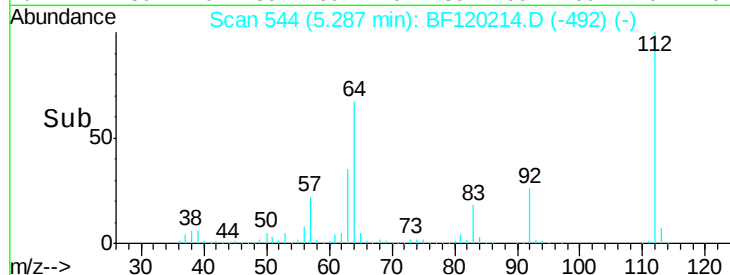
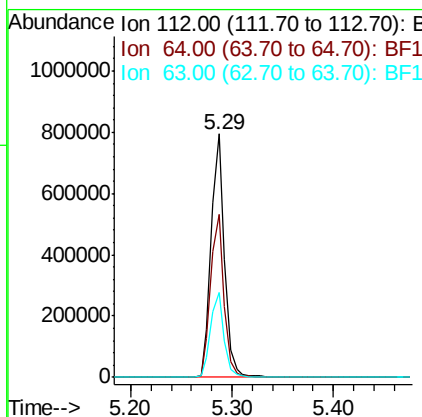
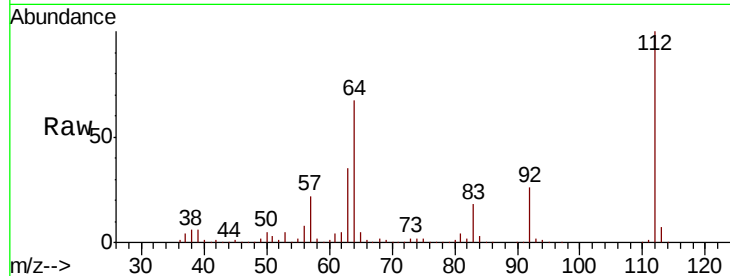
ClientSampleId :

RBR-200010MS

Tot Ion:	112	Resp:	731022
Ion Ratio	Lower	Upper	
112	100		
64	66.9	56.7	85.1
63	34.8	29.5	44.3

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#6

Aniline

Concen: 40.808 ng

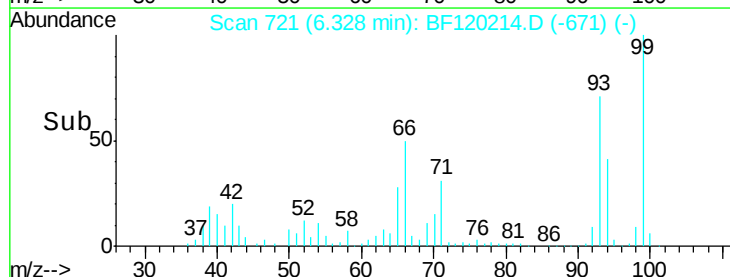
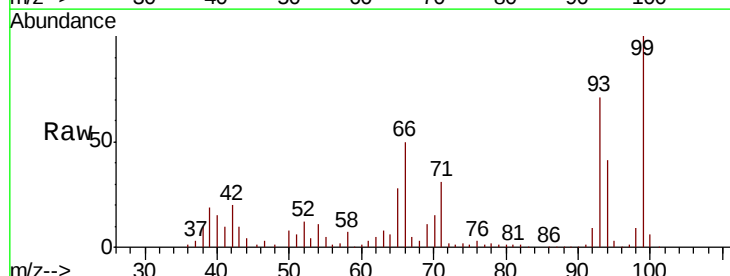
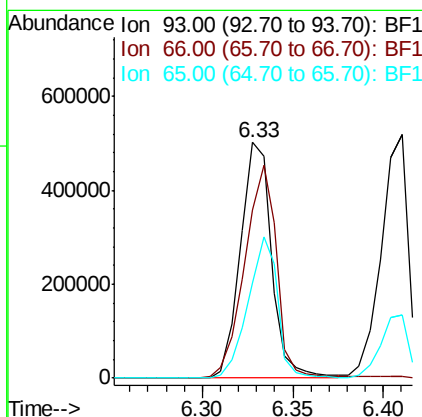
RT: 6.33 min Scan# 721

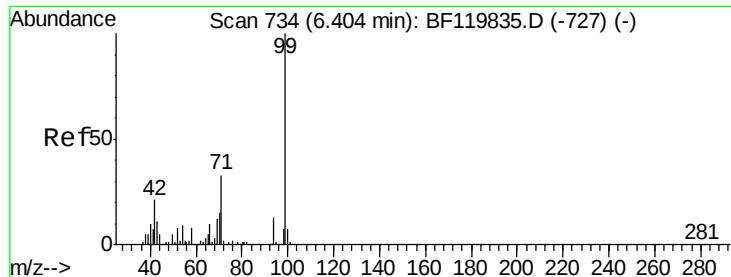
Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	93	Resp:	603839
Ion Ratio	Lower	Upper	
93	100		
66	71.1	34.9	52.3#
65	40.3	18.6	27.8#





#7

Phenol-d6

Concen: 85.073 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

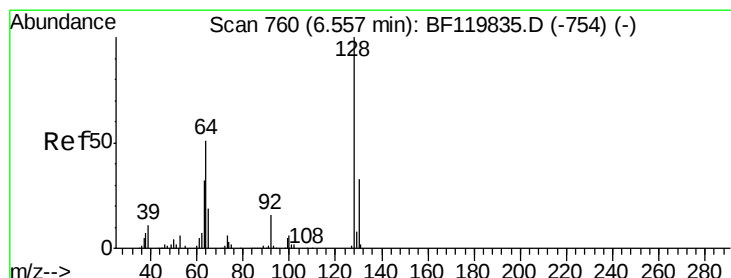
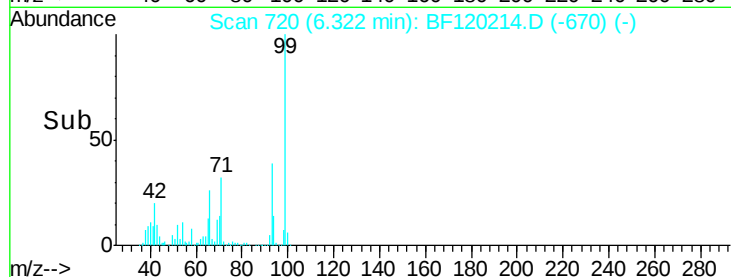
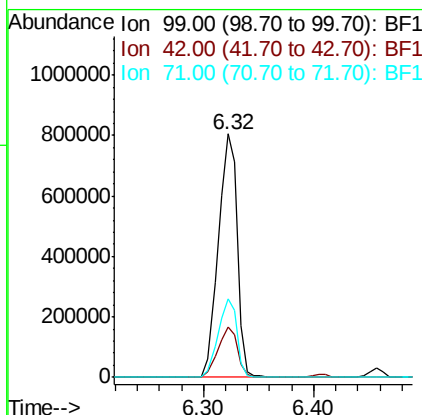
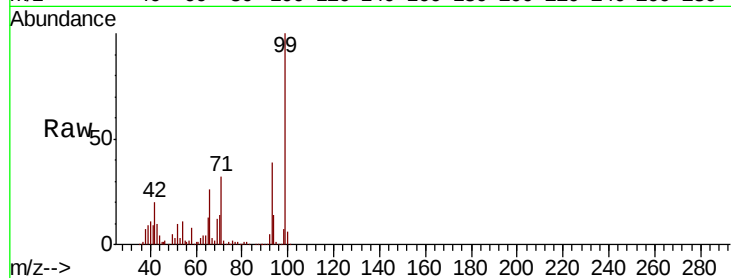
ClientSampleId :

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Tot Ion:	99	Resp:	959102
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	32.5	26.4	39.6

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#8

2-Chlorophenol

Concen: 57.119 ng

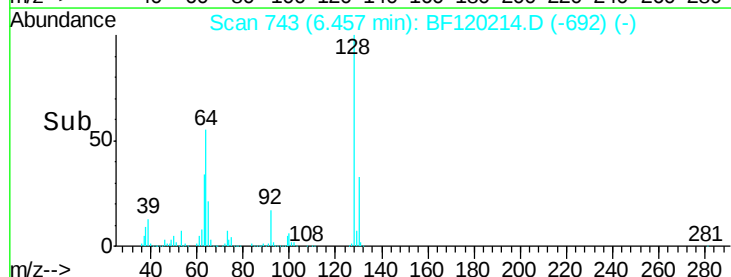
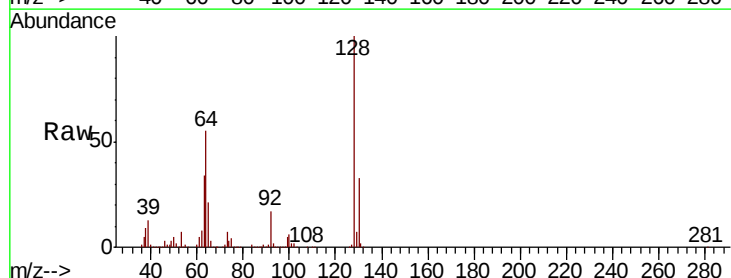
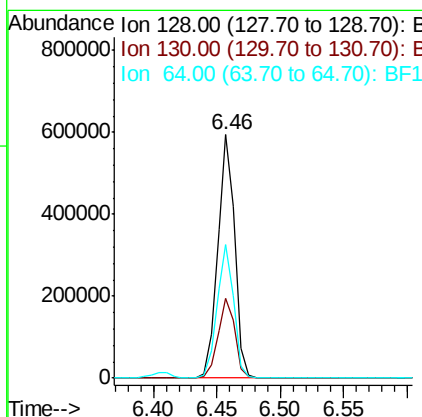
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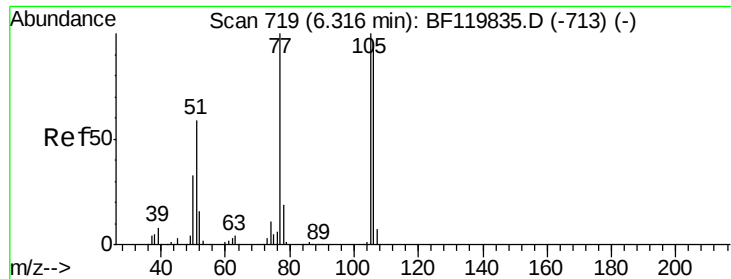
Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	128	Resp:	558385
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	54.9	35.3	75.3





#9

Benzaldehyde

Concen: 33.353 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120214.D

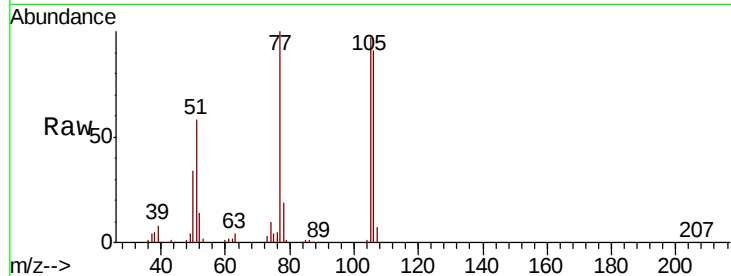
Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

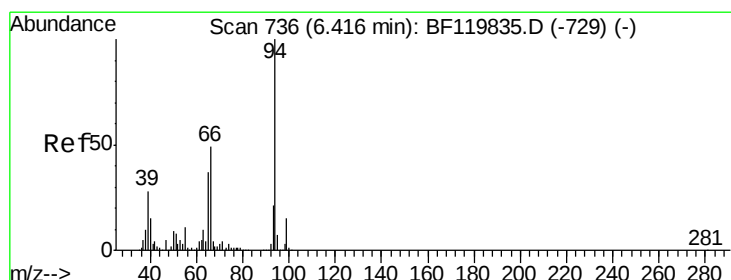
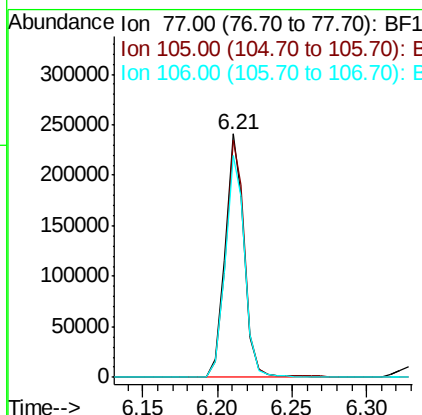
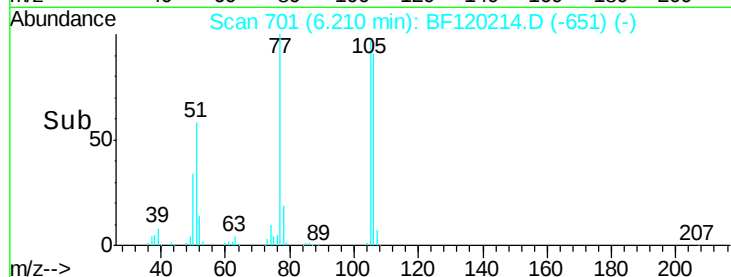
RBR-200010MS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.3	80.9	120.9		
106	91.2	77.9	117.9		

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#10

Phenol

Concen: 55.602 ng

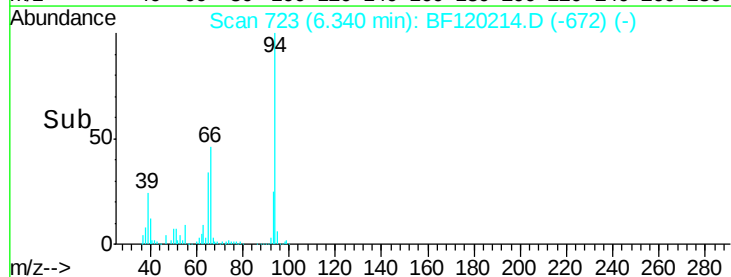
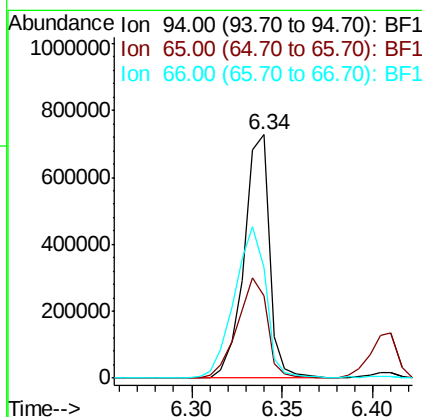
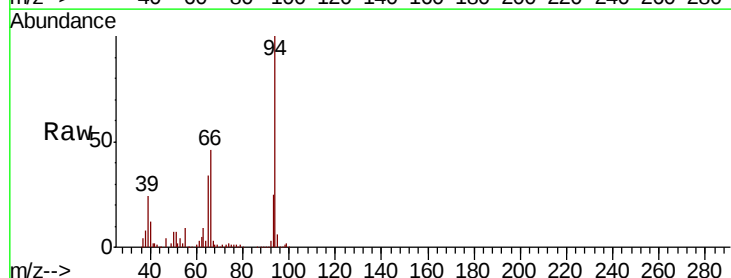
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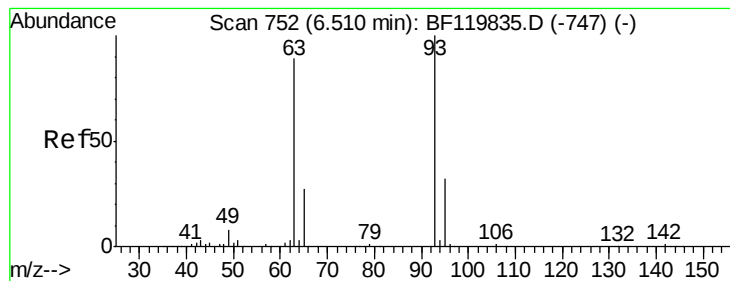
Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.6	13.2	53.2		
66	45.6	22.3	62.3		





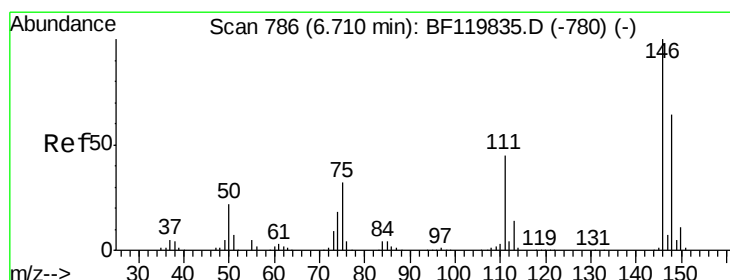
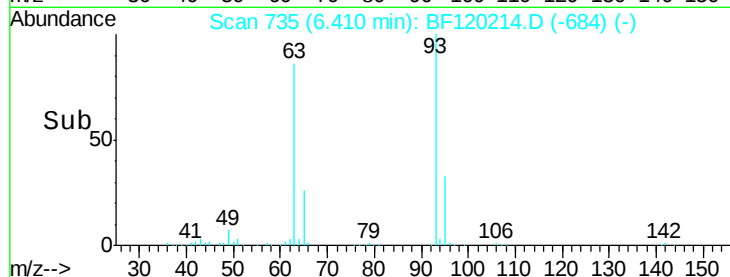
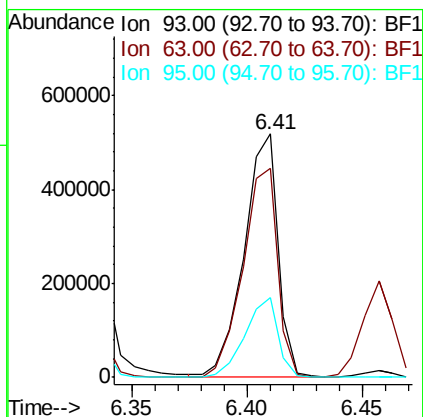
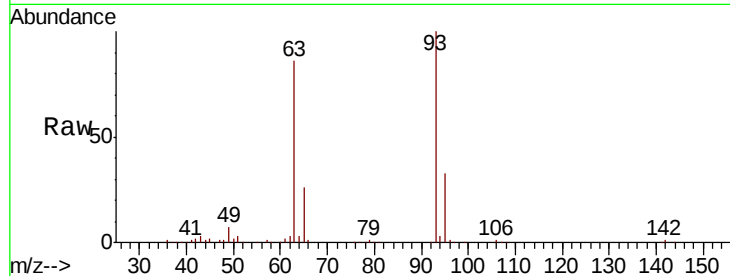
#11
bis(2-Chloroethyl)ether
Concen: 53.828 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	70.2	110.2
95	32.8	13.4	53.4

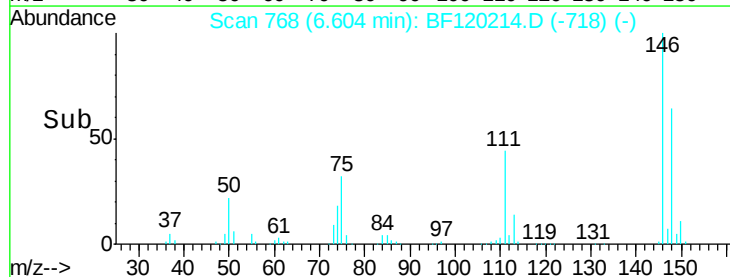
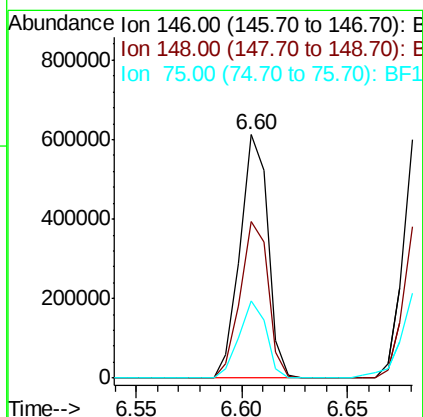
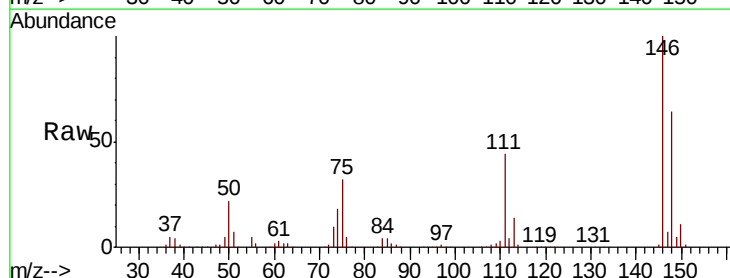
Manual Integrations
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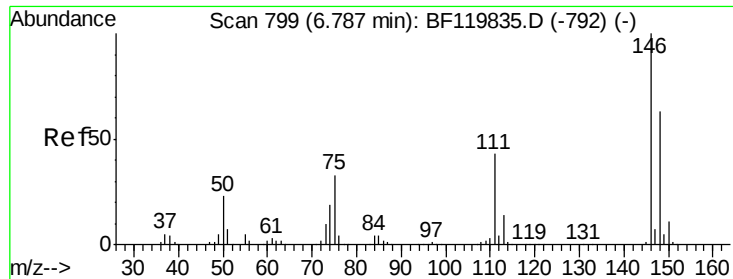
mohammad
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#12
1,3-Dichlorobenzene
Concen: 52.452 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
75	31.9	23.0	34.4





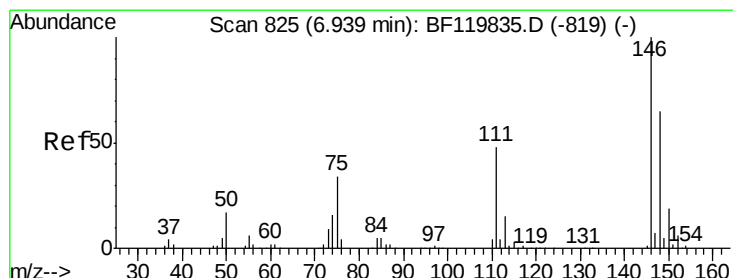
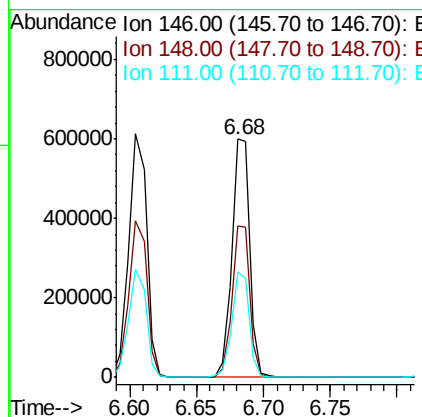
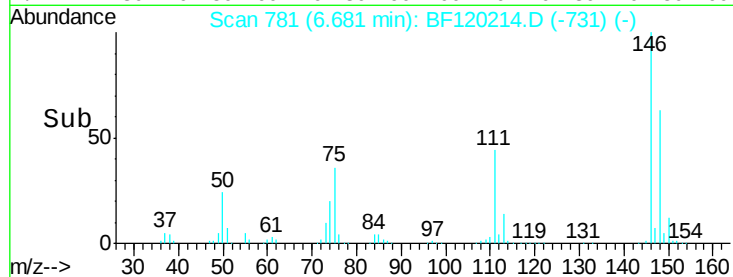
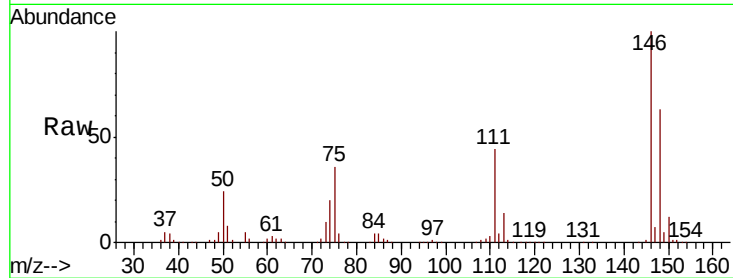
#13
 1,4-Dichlorobenzene
 Concen: 52.127 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	44.2	33.3	49.9

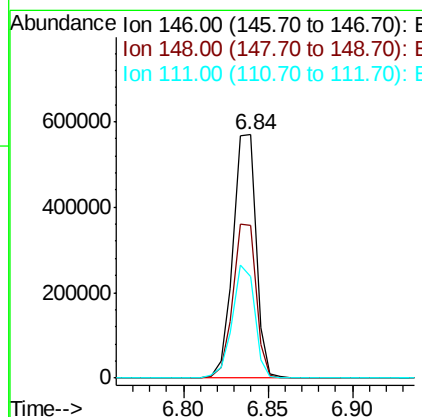
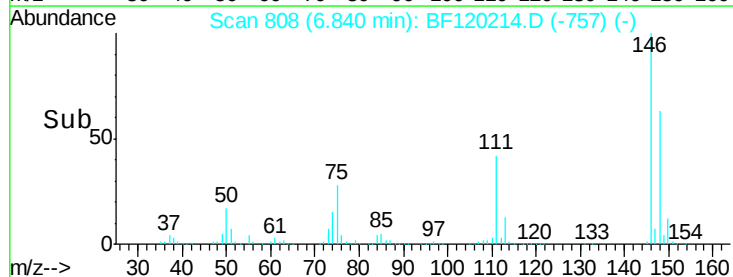
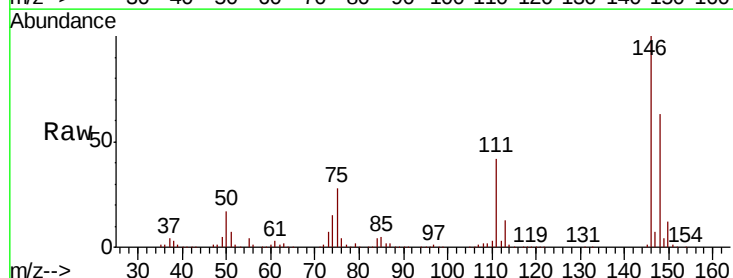
Manual Integrations
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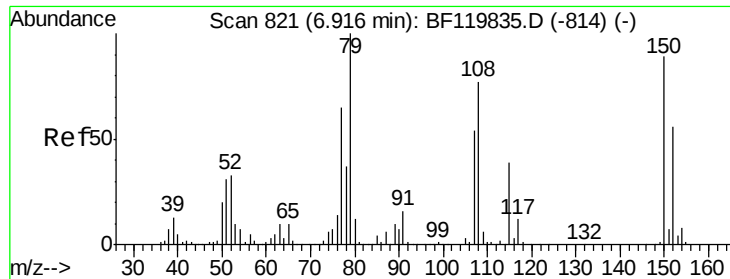
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 53.535 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	41.9	36.1	54.1





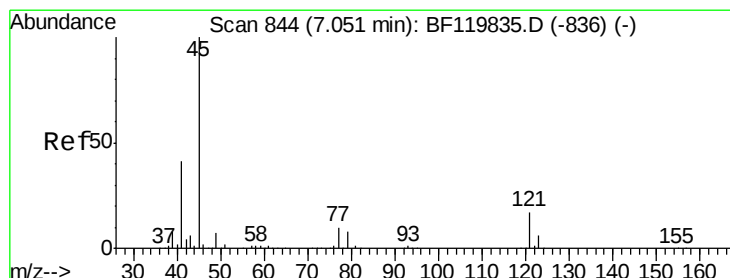
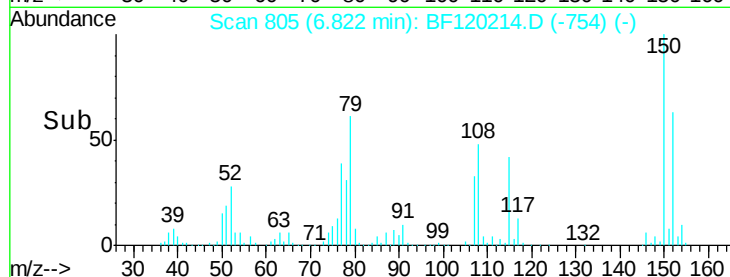
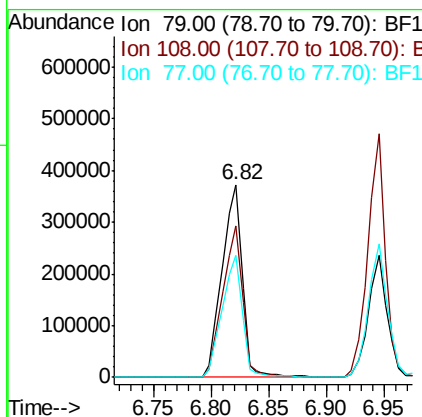
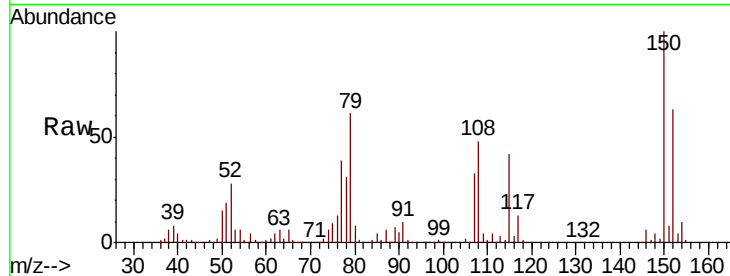
#15
Benzyl Alcohol
Concen: 52.068 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	60.6	90.8
77	63.1	50.2	75.2

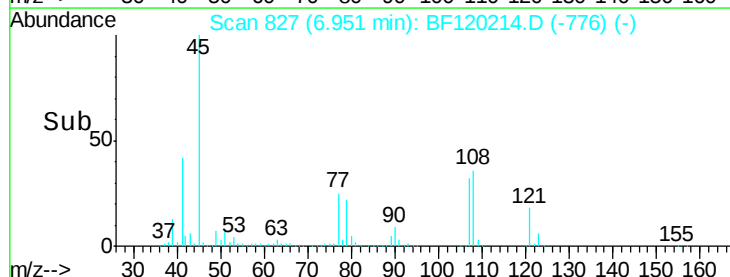
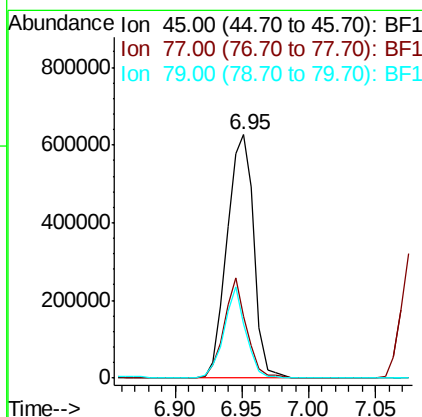
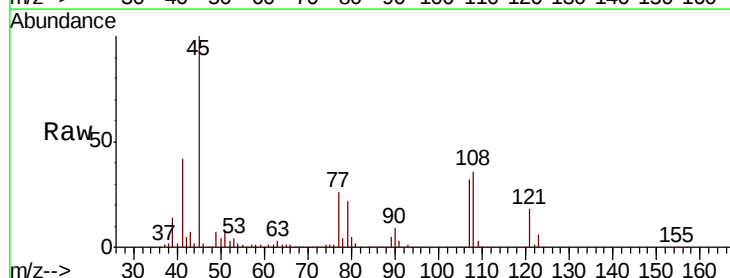
Manual Integrations
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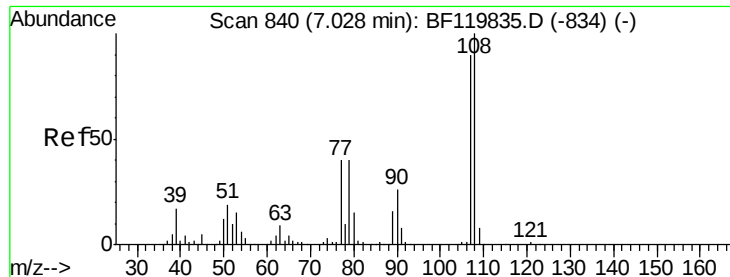
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.798 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.5	0.0	30.7
79	22.1	0.0	28.2





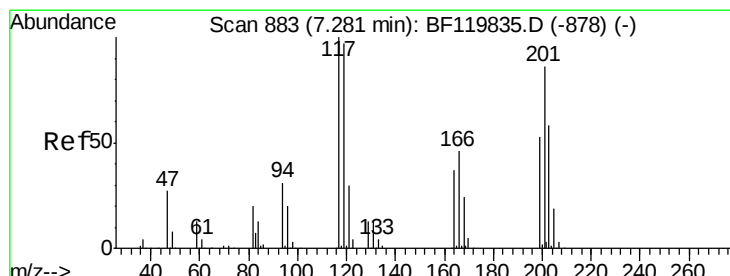
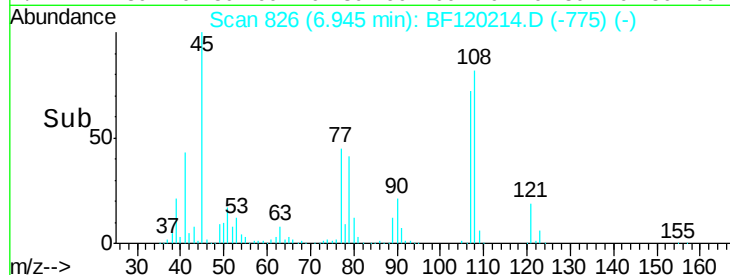
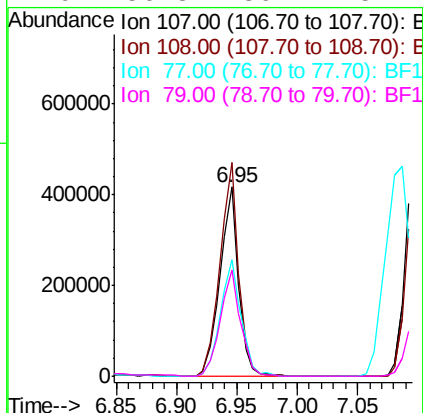
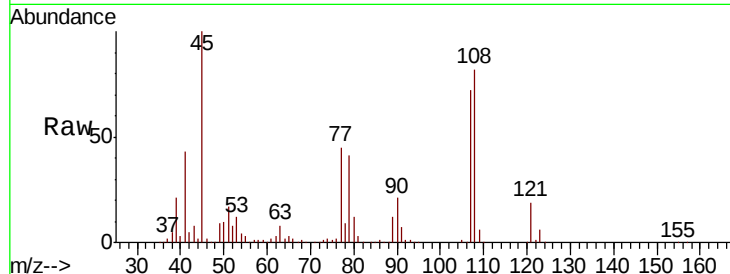
#17
2-Methylphenol
Concen: 50.578 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.2	138.4	
77	61.7	36.6	54.8#	
79	56.3	36.2	54.4#	

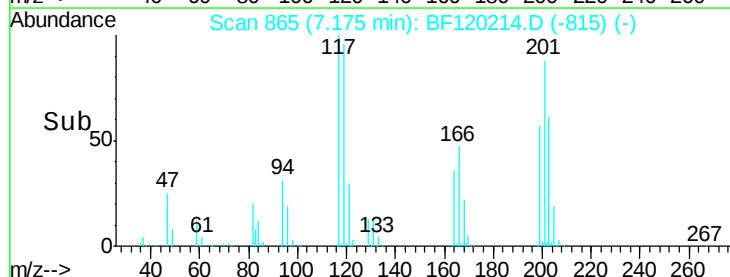
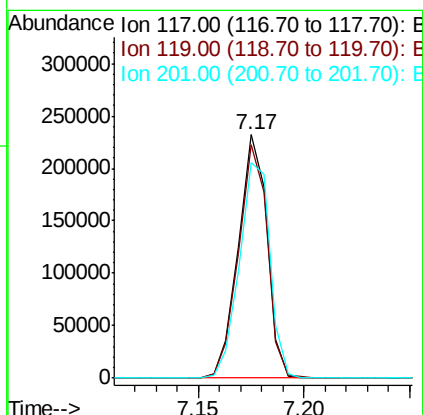
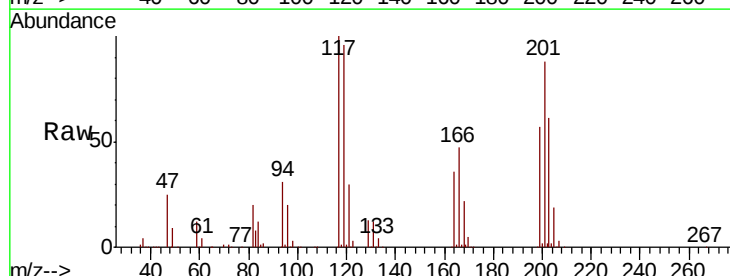
Manual Integrations
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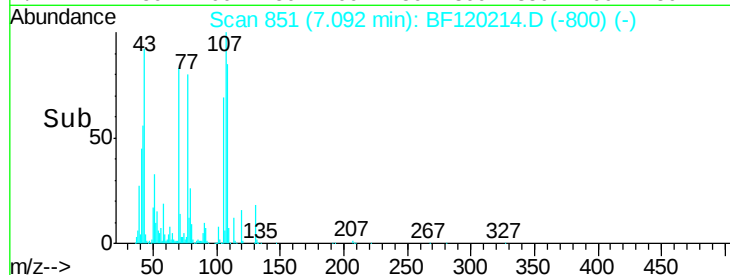
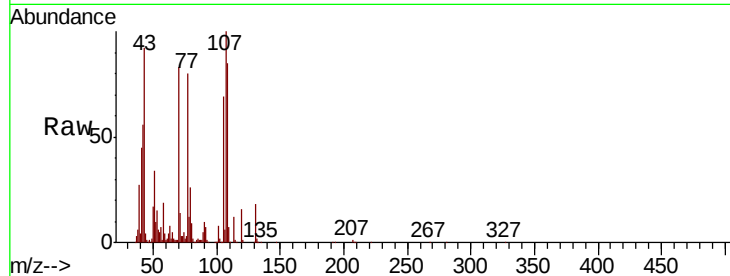
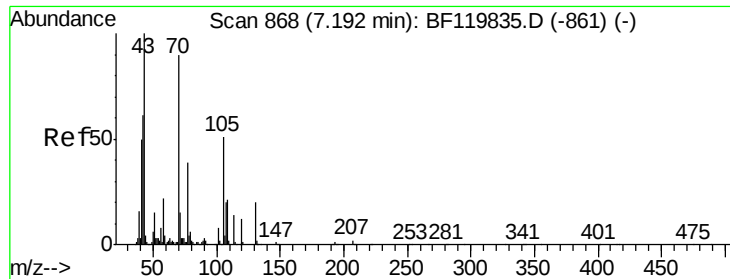
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#18
Hexachloroethane
Concen: 53.639 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

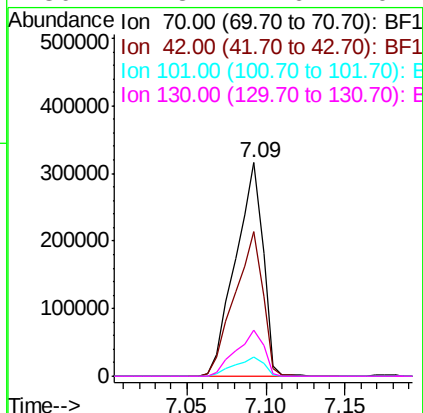
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.1	114.1	
201	88.4	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 52.509 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

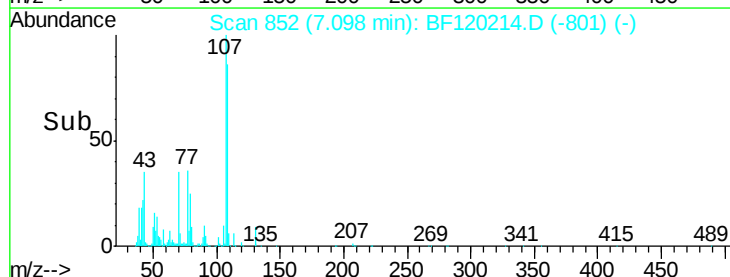
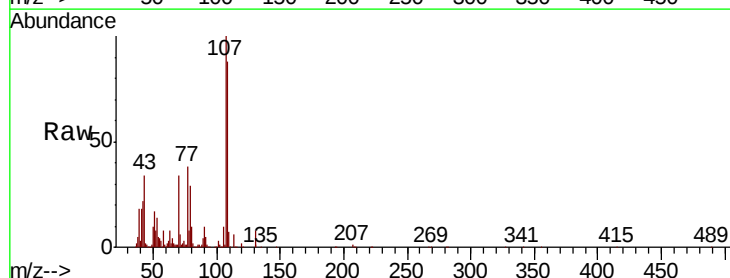
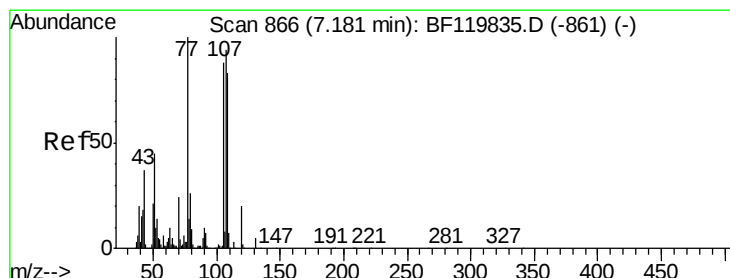
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.6	54.5	81.7	
101	9.1	7.6	11.4	
130	21.3	17.6	26.4	



Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

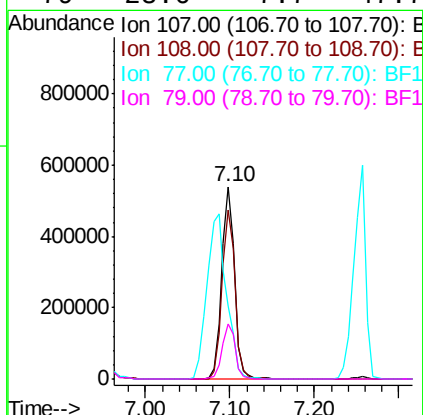
Manual Integrations
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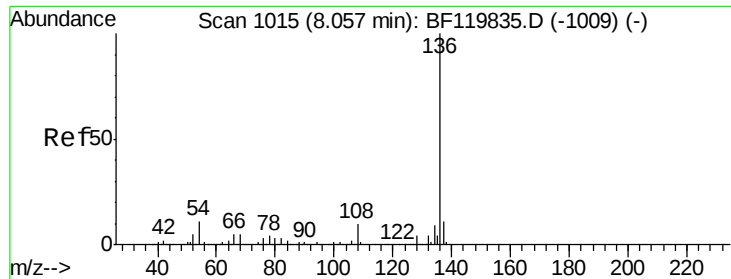
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#20
3+4-Methylphenols
Concen: 53.828 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	67.9	107.9	
77	38.3	52.9	92.9	
79	28.6	7.7	47.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

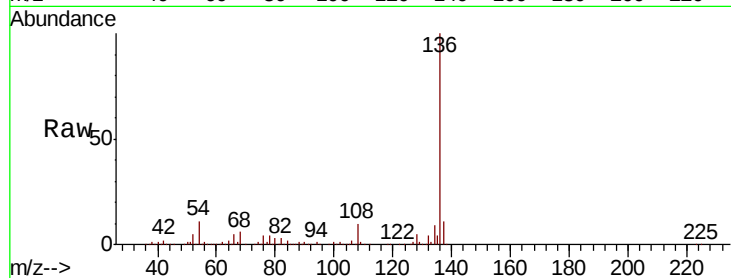
ClientSampleId :

RBR-200010MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	581997		
137	10.9		8.7	13.1
54	10.8		9.1	13.7
68	5.7		4.6	6.8

Manual Integrations
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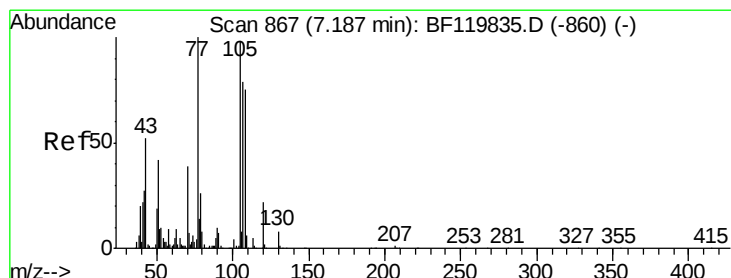
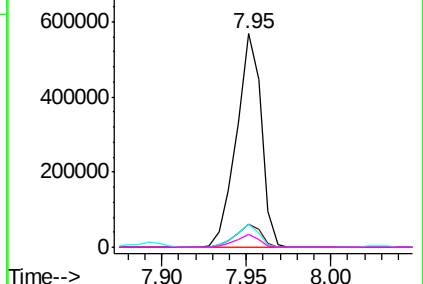
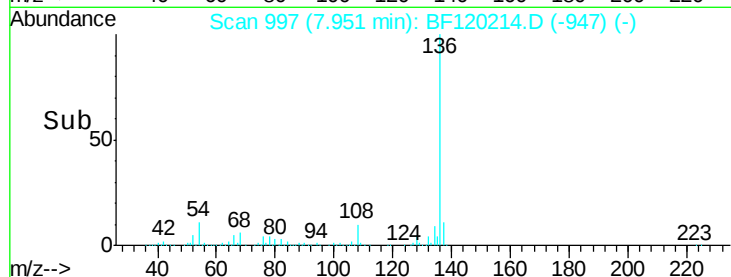
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 55.173 ng

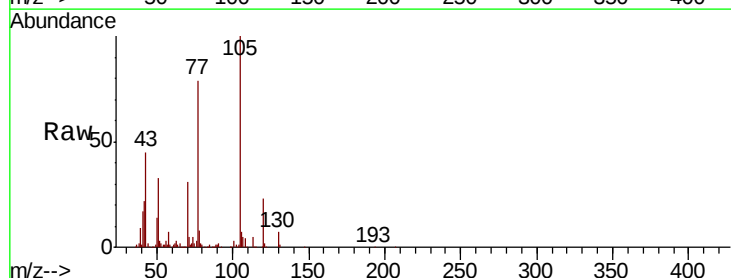
RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	751931		
71	5.2		5.7	8.5#
51	33.4		26.2	39.4
120	22.7		18.3	27.5



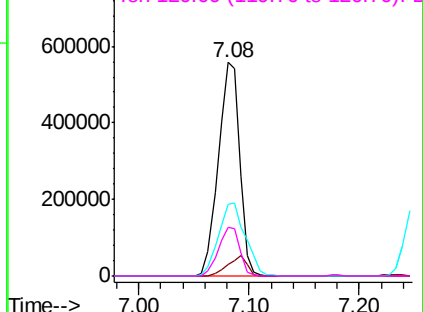
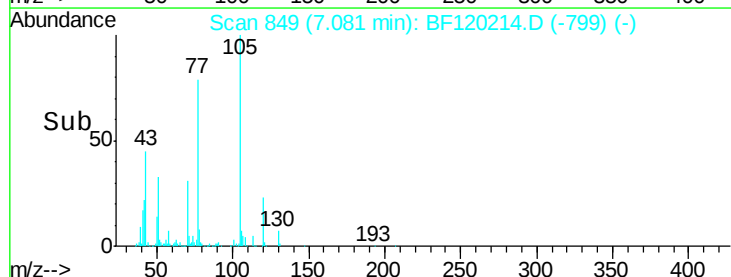
Abundance

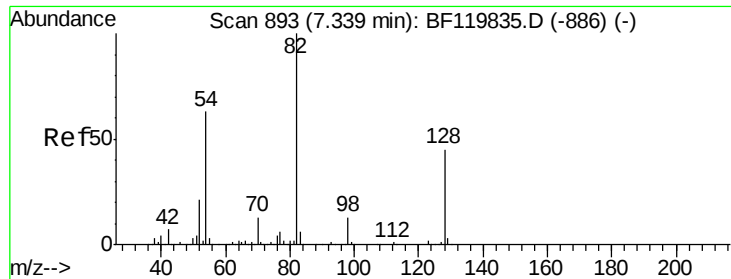
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





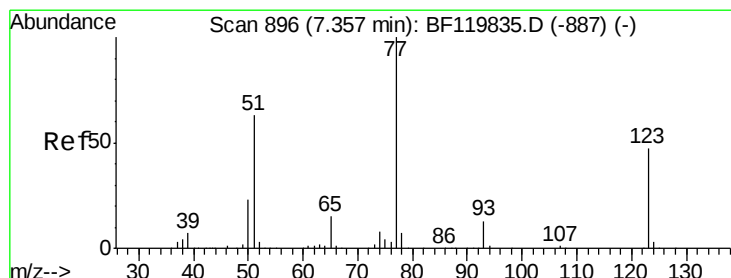
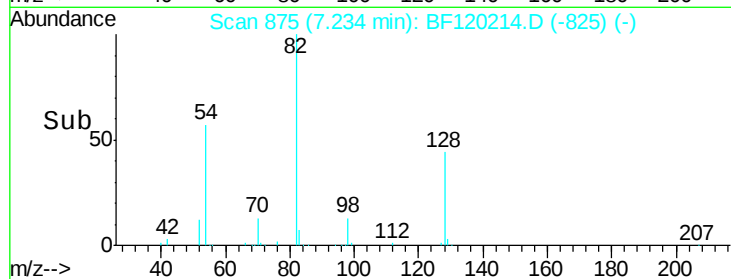
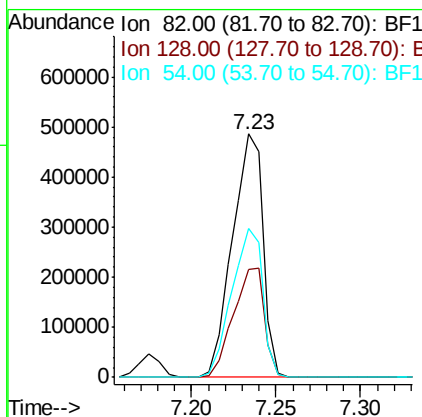
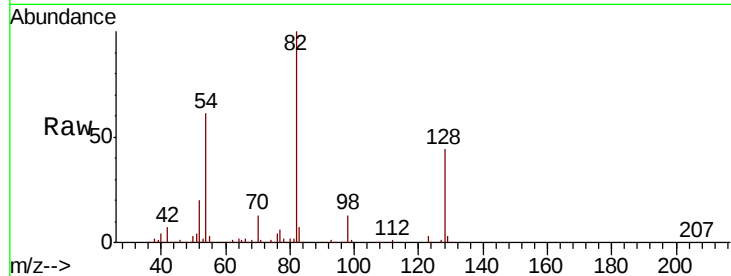
#23
 Nitrobenzene-d5
 Concen: 54.578 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.3	54.5
54	61.0	50.6	75.8

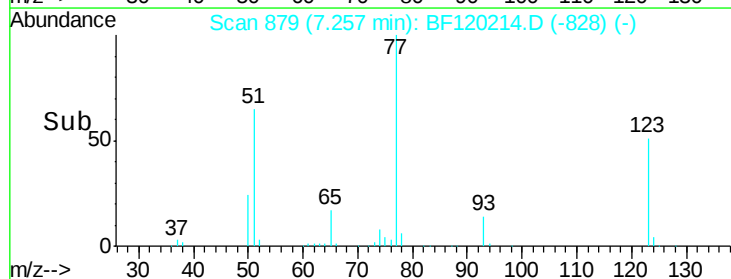
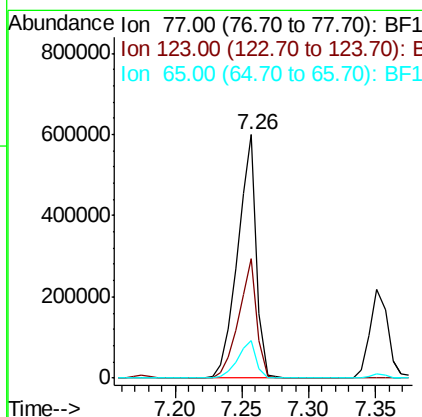
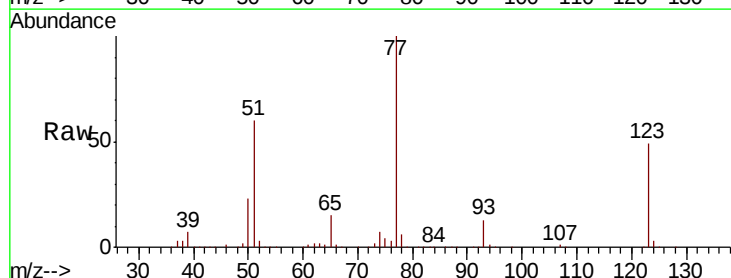
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#24
 Nitrobenzene
 Concen: 51.596 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.0	57.0
65	15.3	12.6	18.8





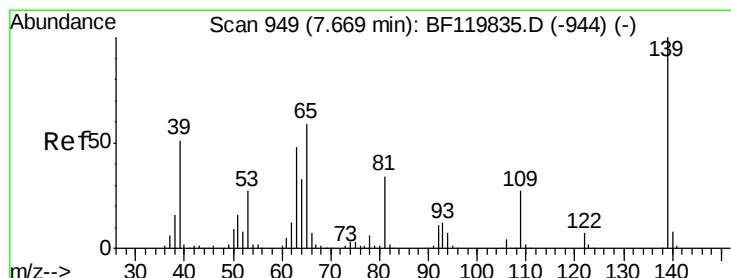
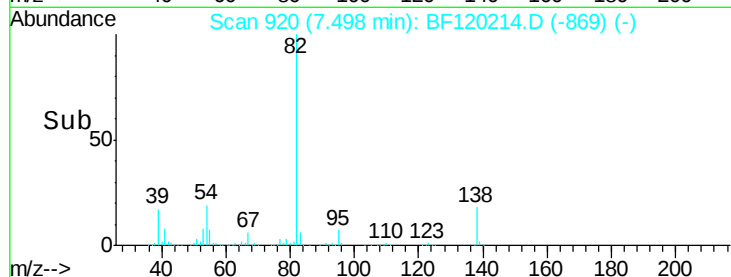
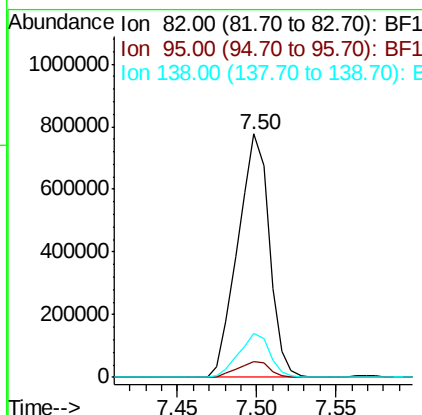
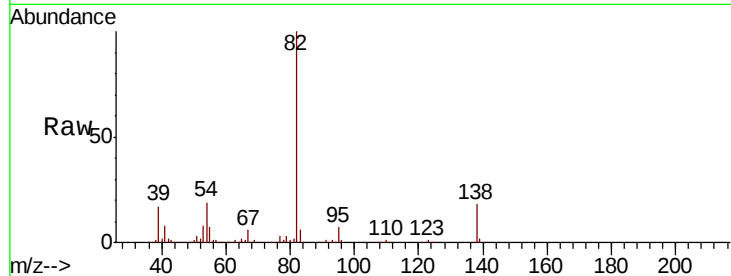
#25
Isophorone
Concen: 49.401 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion: 82 Resp: 1071324
Ion Ratio Lower Upper
82 100
95 6.6 5.8 8.6
138 18.1 14.6 21.8

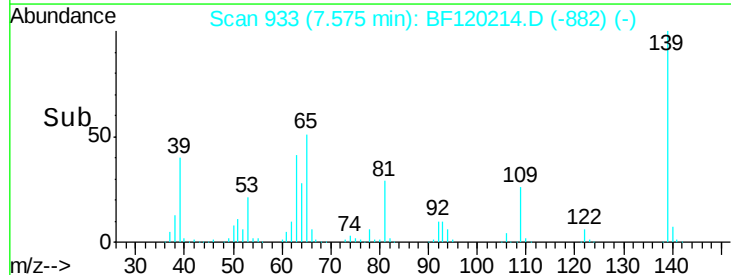
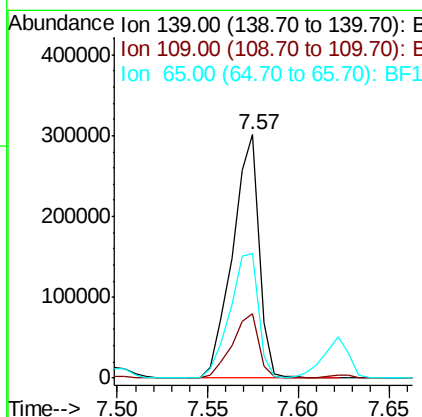
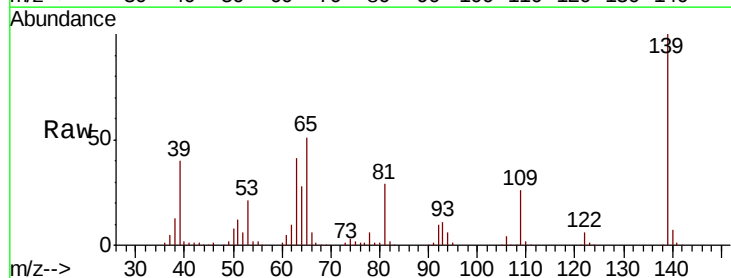
Manual Integrations
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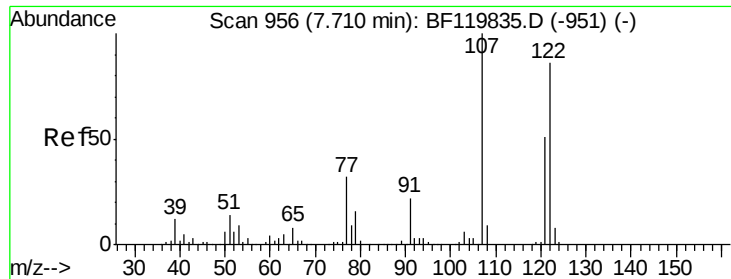
mohammad
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#26
2-Nitrophenol
Concen: 54.465 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 139 Resp: 307941
Ion Ratio Lower Upper
139 100
109 26.2 22.1 33.1
65 51.2 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 54.662 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

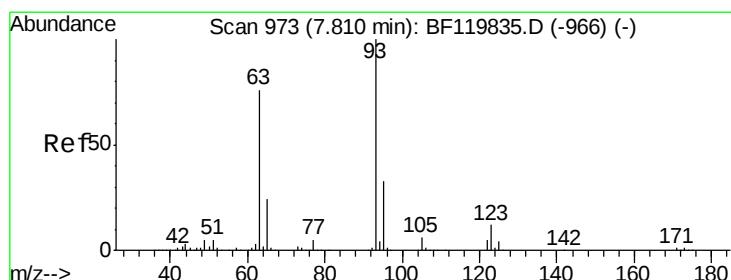
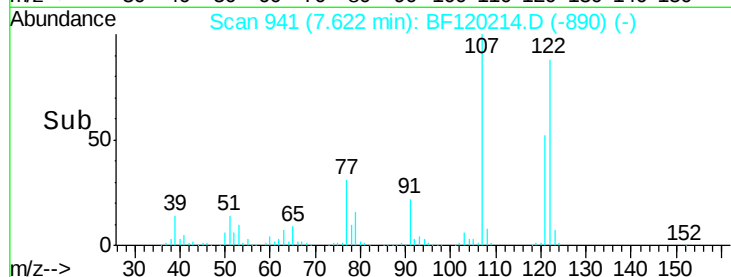
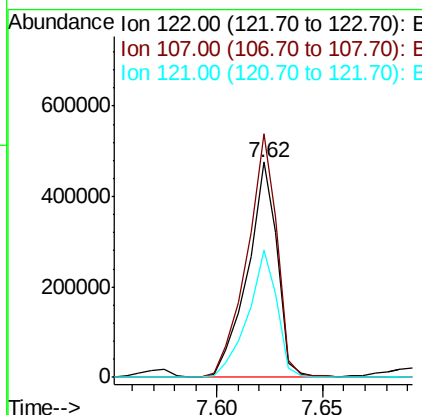
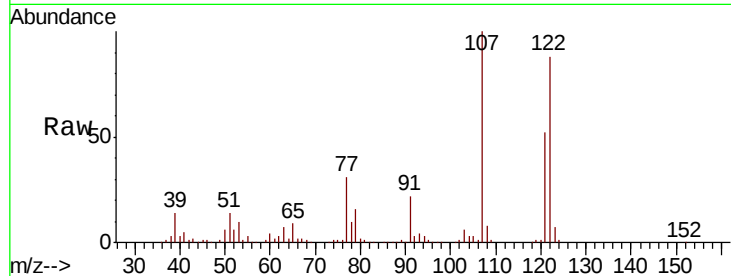
ClientSampleId :

RBR-200010MS

Tot Ion:	122	Resp:	466117
Ion Ratio	Lower	Upper	
122	100		
107	113.2	89.0	133.6
121	59.2	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 51.967 ng

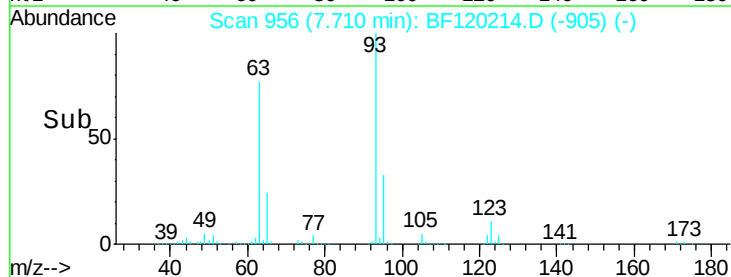
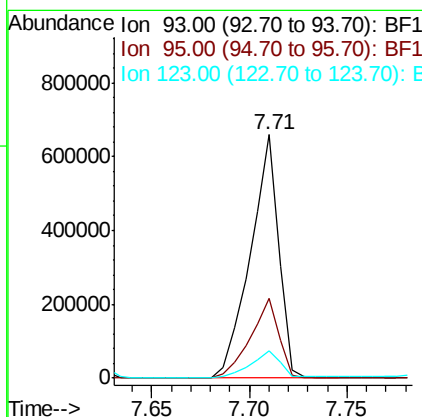
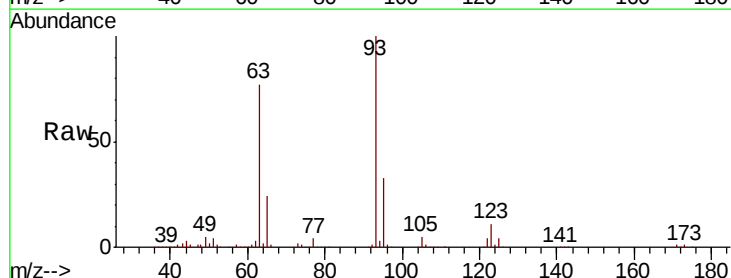
RT: 7.71 min Scan# 956

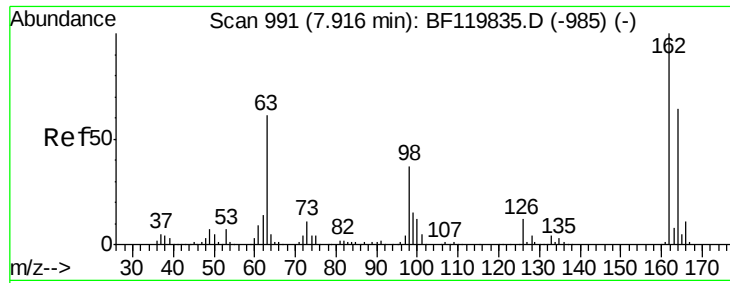
Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	93	Resp:	663162
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.1	9.7	14.5





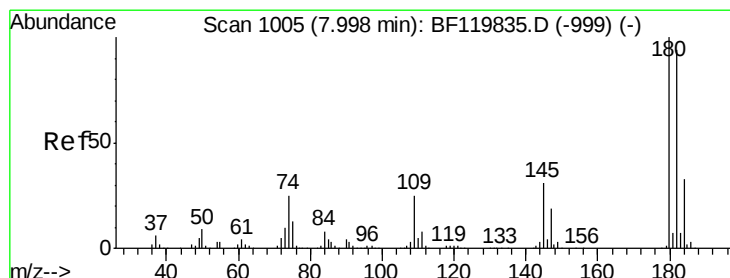
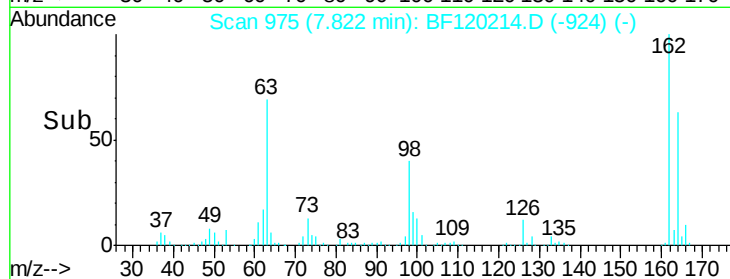
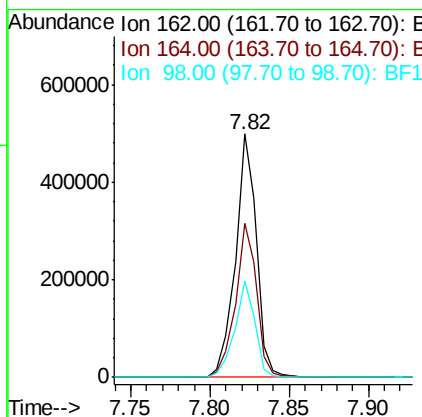
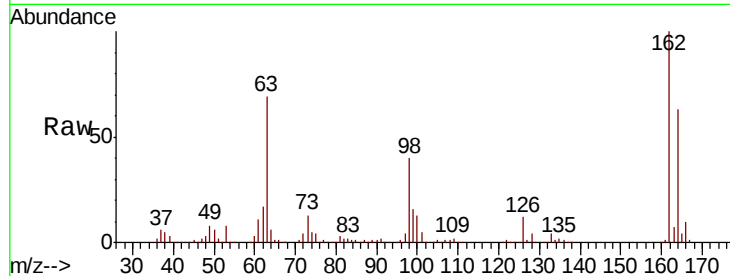
#29
2,4-Dichlorophenol
Concen: 52.417 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:	162	Resp:	458159
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.7	84.7
98	39.7	20.7	60.7

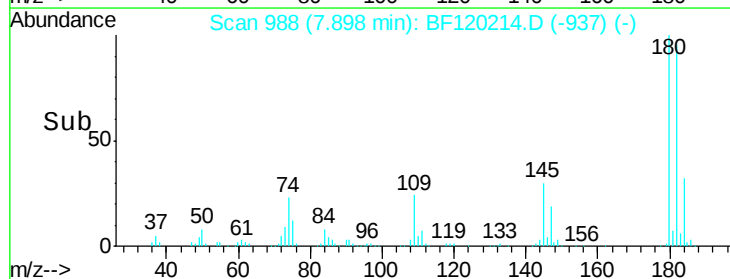
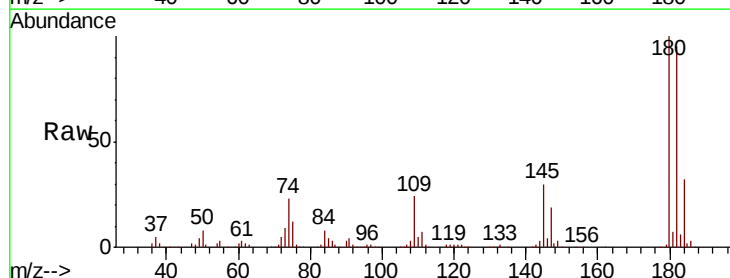
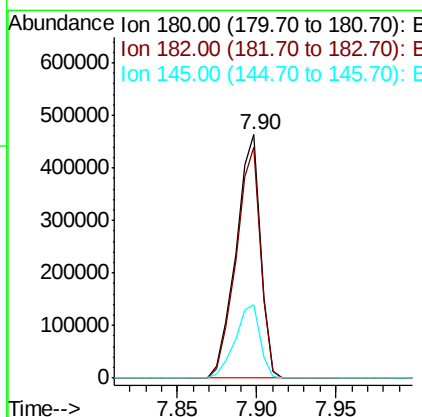
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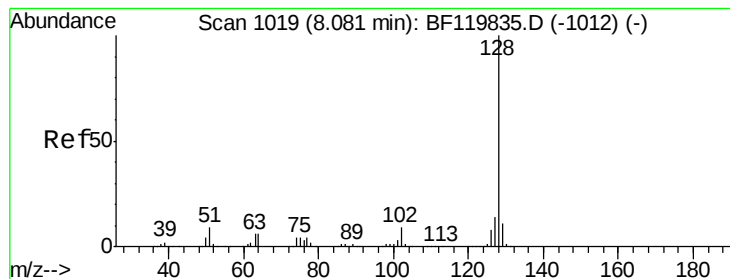
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#30
1,2,4-Trichlorobenzene
Concen: 49.917 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:	180	Resp:	494369
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.7	112.1
145	29.9	24.5	36.7





#31

Naphthalene

Concen: 51.602 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion:128 Resp: 1580076

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

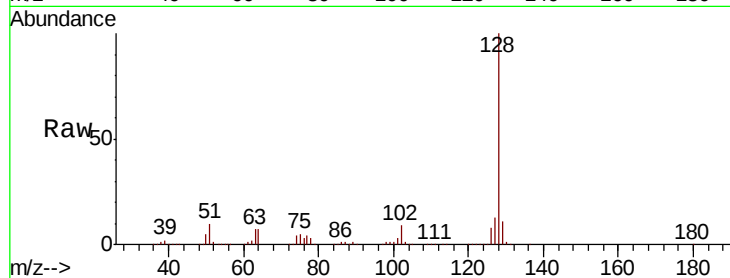
127 13.5 11.3 16.9

Manual Integrations

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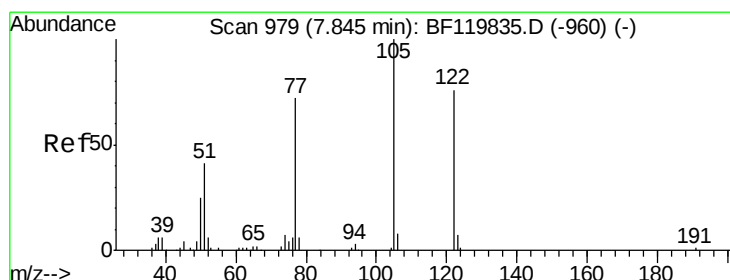
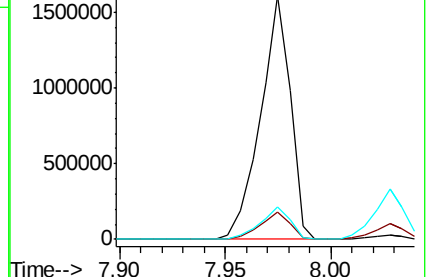
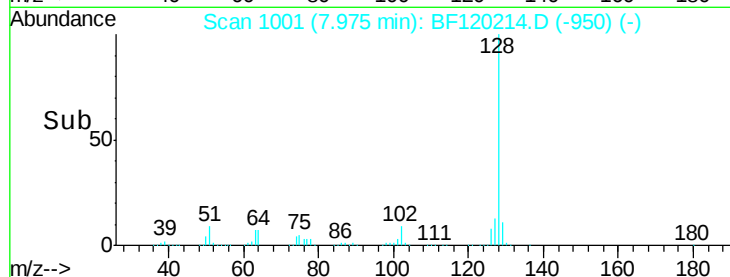
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.518 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

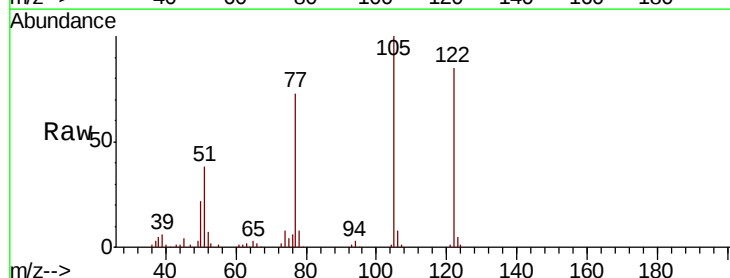
Tgt Ion:122 Resp: 348373

Ion Ratio Lower Upper

122 100

105 118.1 104.9 144.9

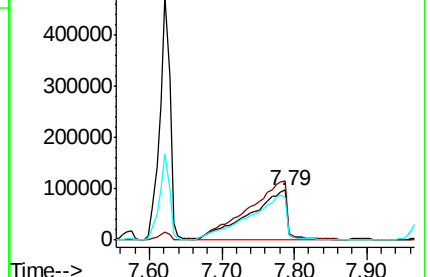
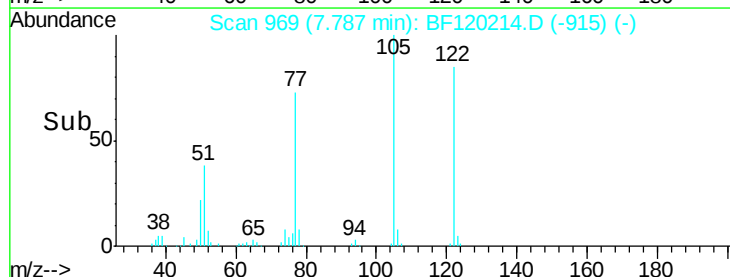
77 86.3 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





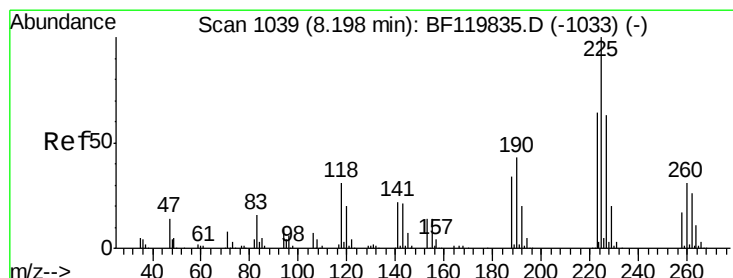
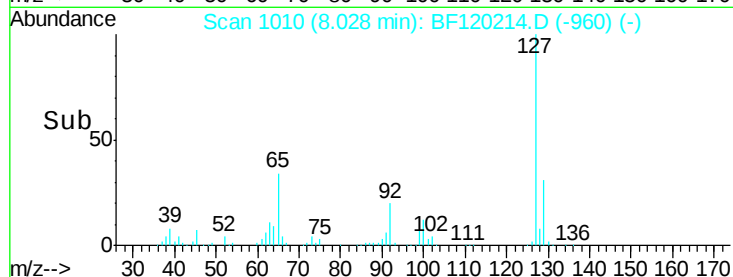
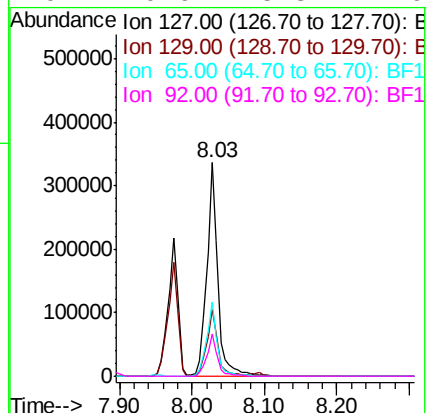
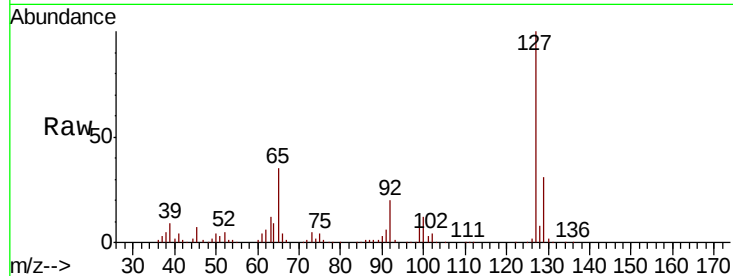
#33
4-Chloroaniline
Concen: 26.944 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.2	39.4		
65	34.9	27.4	41.0		
92	19.6	15.3	22.9		

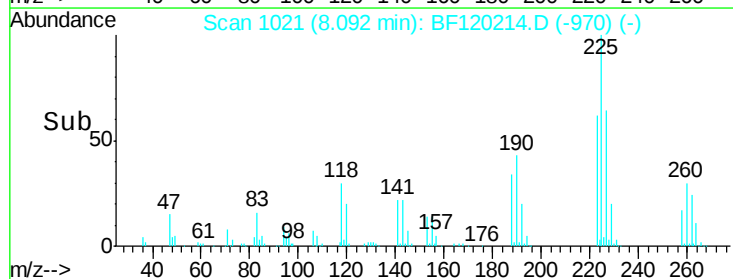
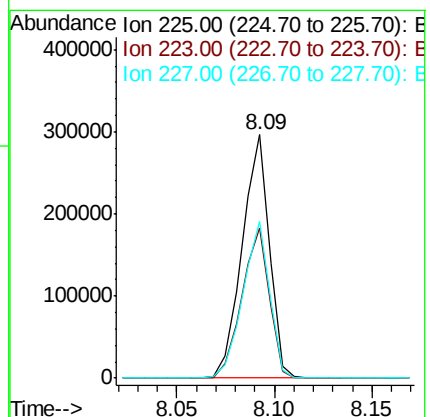
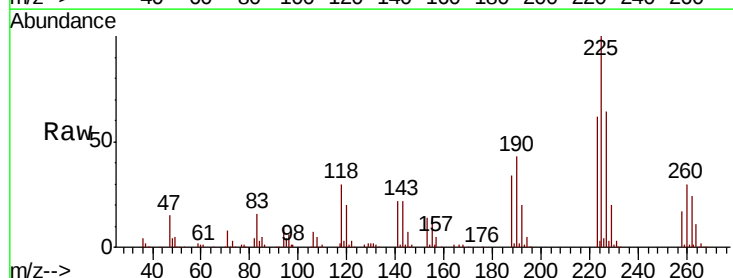
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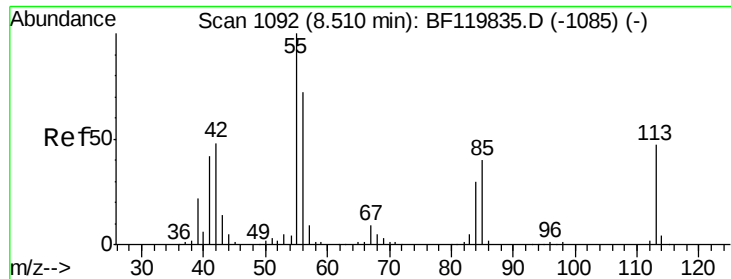
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#34
Hexachlorobutadiene
Concen: 48.090 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	51.0	76.6		
227	64.3	50.7	76.1		





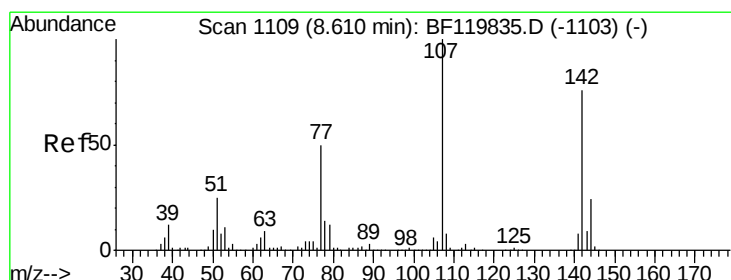
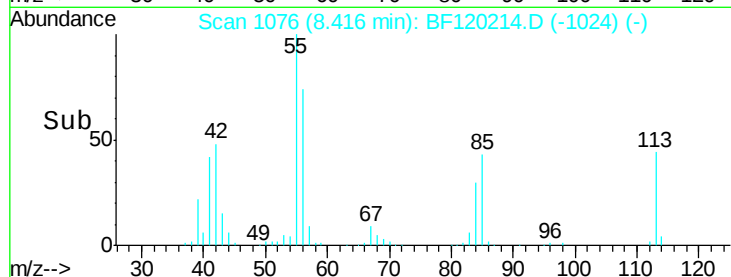
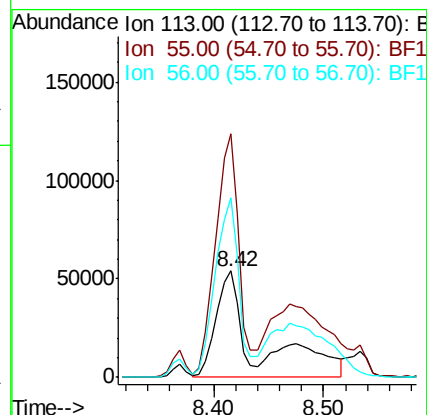
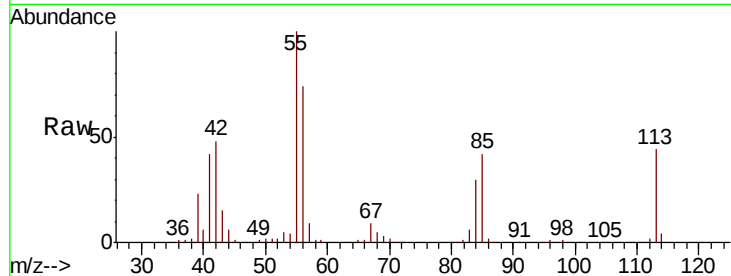
#35
Caprolactam
Concen: 52.668 ng/ml
RT: 8.42 min Scan# 1076
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	228.5	218.4	258.4
56	168.2	148.9	188.9

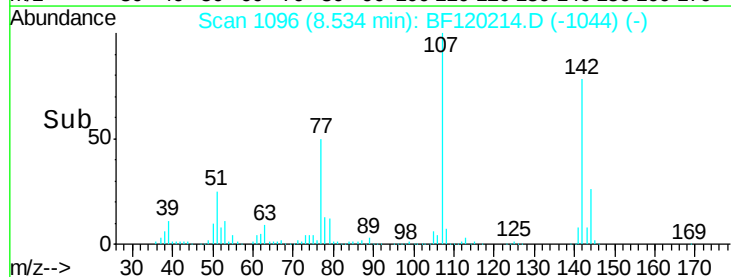
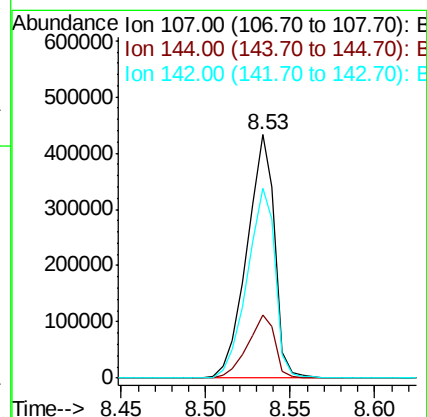
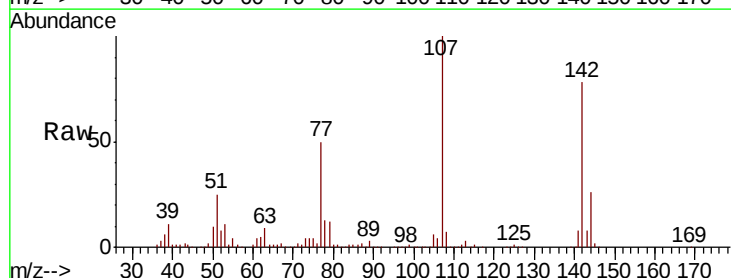
Manual Integrations
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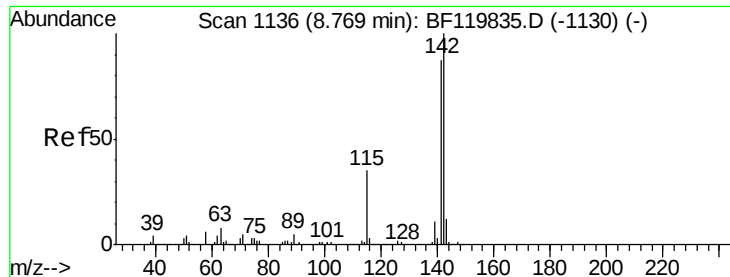
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#36
4-Chloro-3-methylphenol
Concen: 52.397 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.6
142	78.1	64.4	96.6





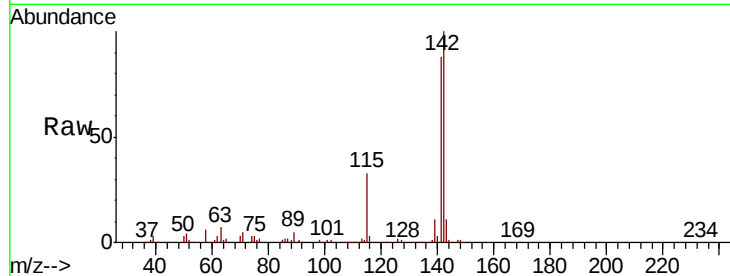
#37
2-Methylnaphthalene
Concen: 51.398 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	33.4	27.9	41.9

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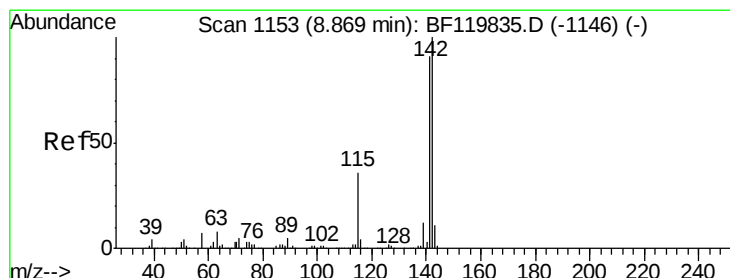
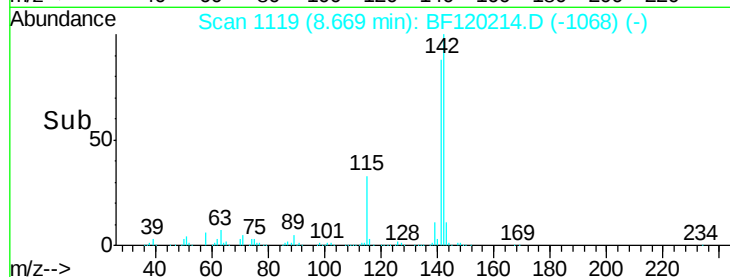
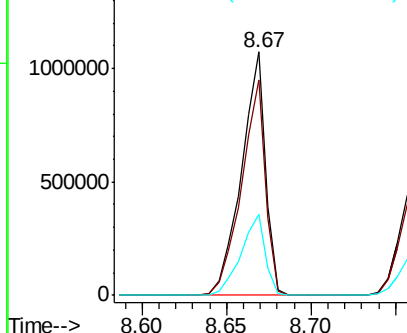


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.229 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

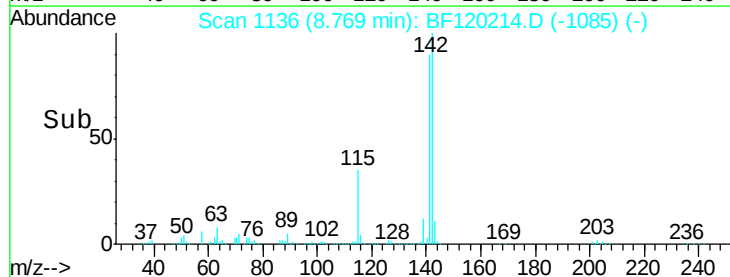
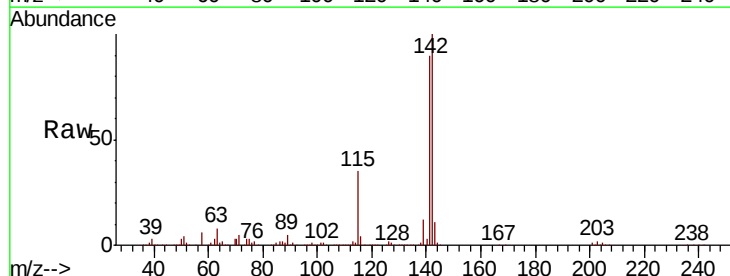
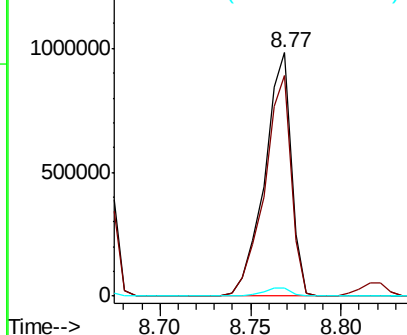
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.7	110.5
116	3.5	3.0	4.6

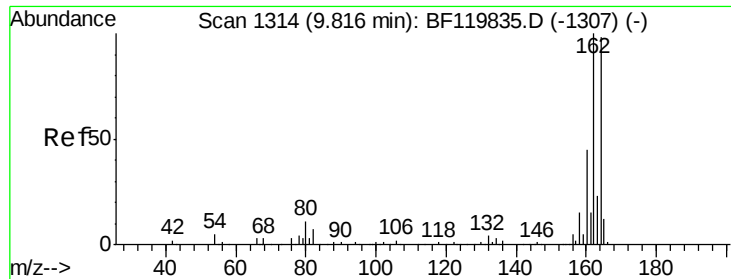
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





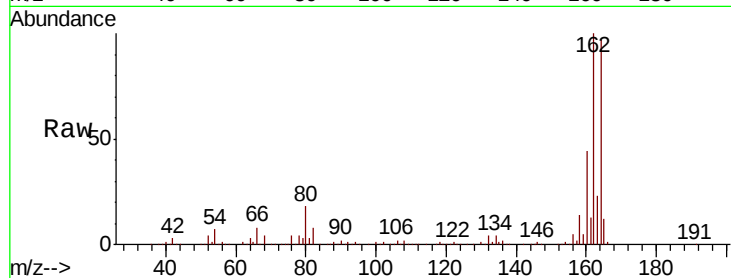
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	80.6	121.0	
160	45.5	35.7	53.5	

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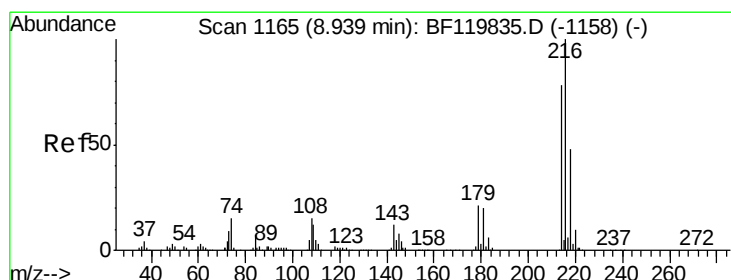
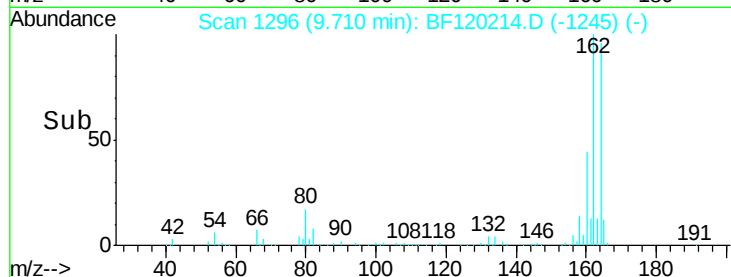
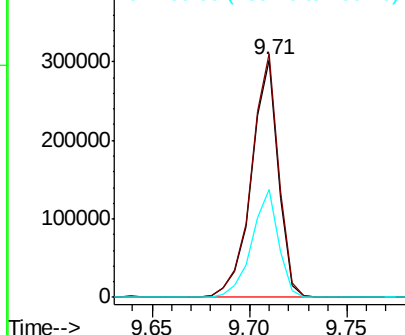


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.350 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.2	94.8	
179	21.6	17.1	25.7	
108	19.7	15.1	22.7	

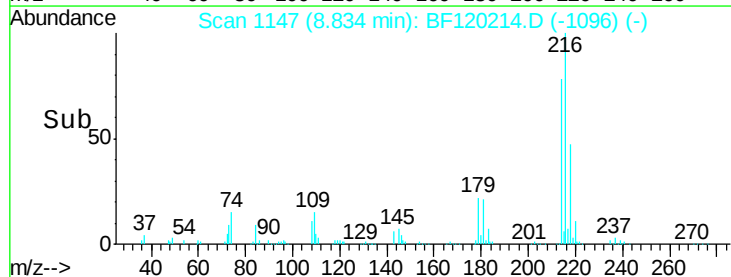
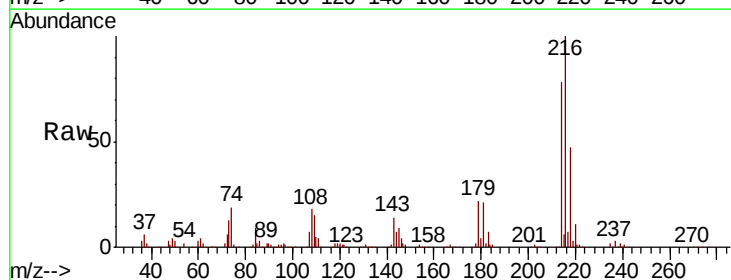
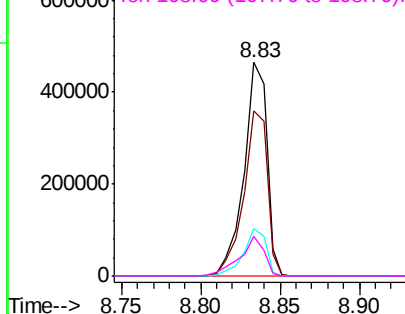
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.794 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

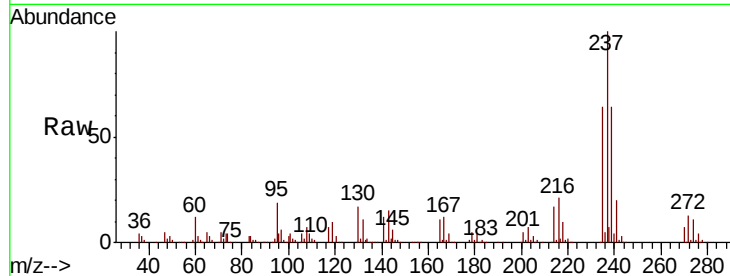
ClientSampleId :

RBR-200010MS

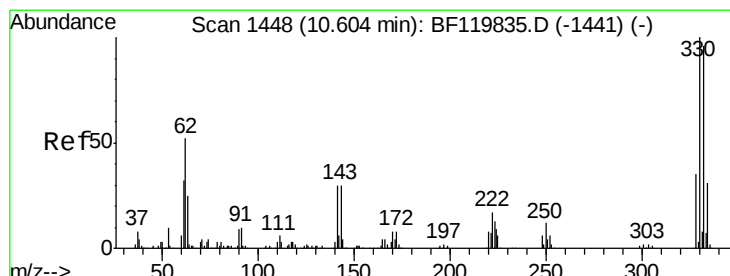
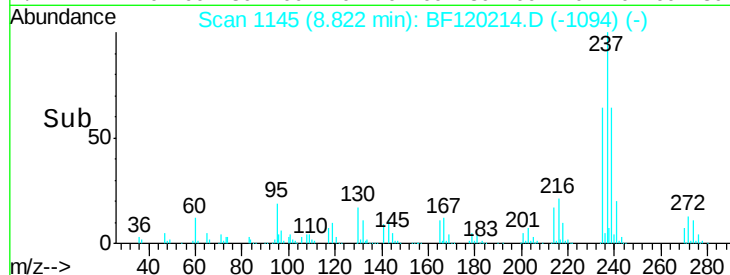
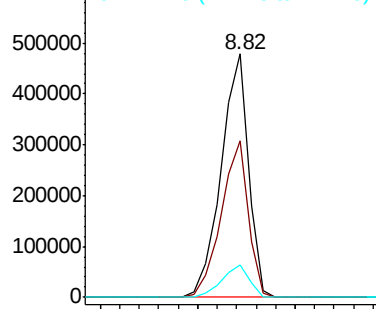
Tot Ion:	237	Resp:	464003
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.2	83.2
272	13.2	0.0	34.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 76.076 ng

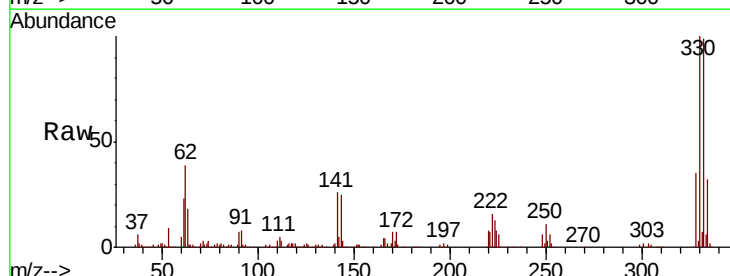
RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

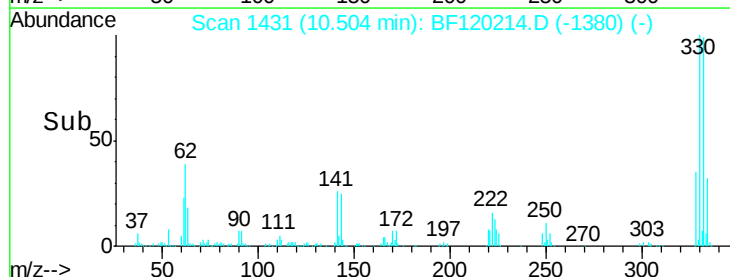
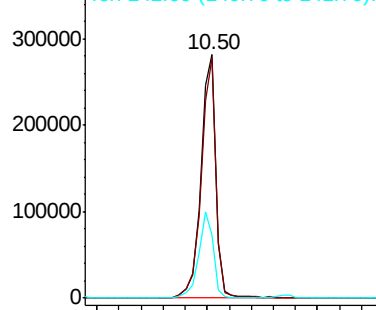
Lab File: BF120214.D

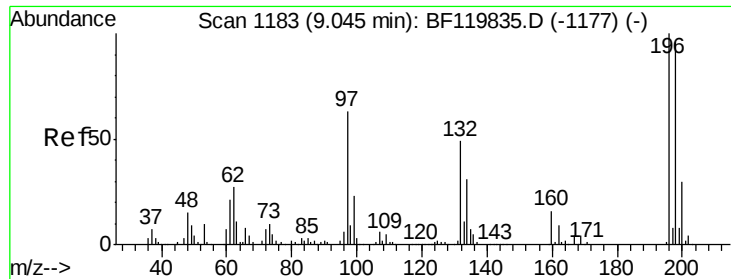
Acq: 27 Apr 2020 13:07

Tgt Ion:	330	Resp:	267989
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.7	113.5
141	35.0	25.4	38.0



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





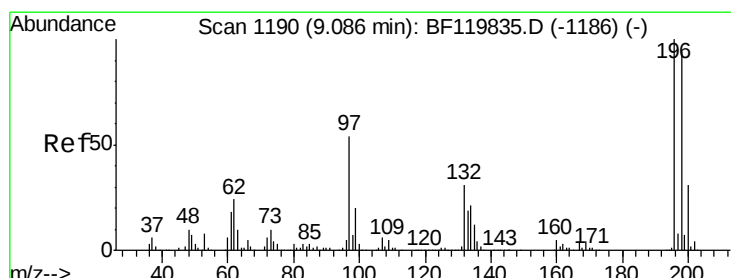
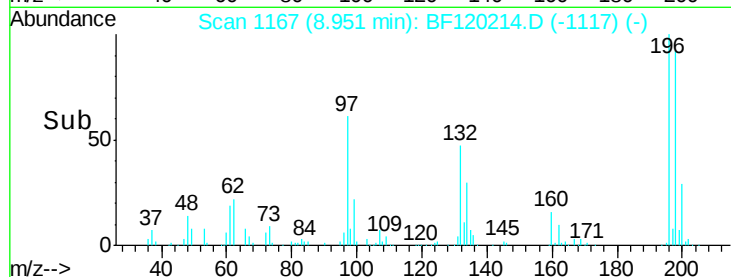
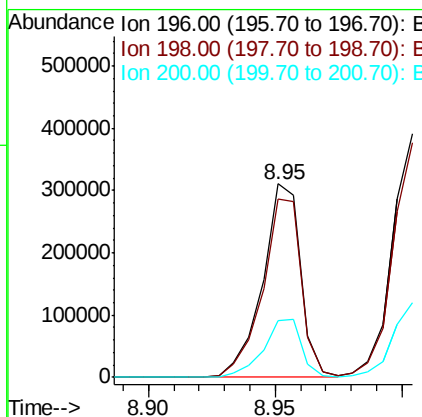
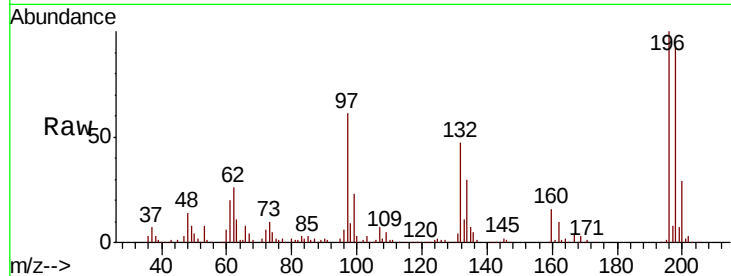
#43
2,4,6-Trichlorophenol
Concen: 52.277 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	328051		
198	92.3	76.6	115.0	
200	29.5	24.6	36.8	

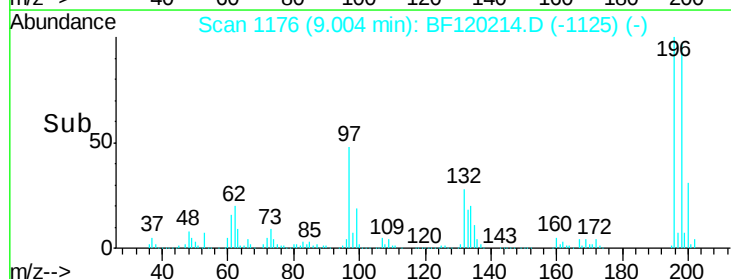
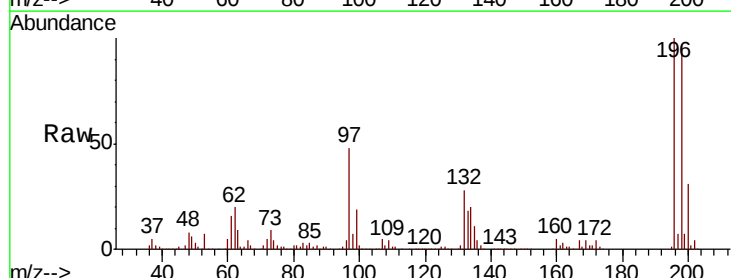
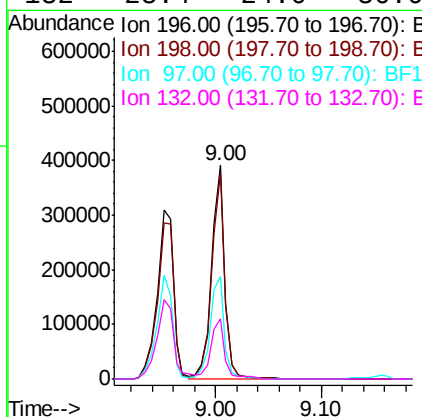
Manual Integrations
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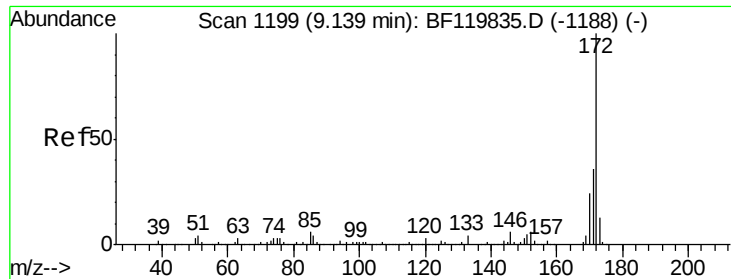
mohammad
4/28/2020 11:08:28 PM



#44
2,4,5-Trichlorophenol
Concen: 48.968 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	346092		
198	96.6	73.8	110.8	
97	47.8	42.6	63.8	
132	28.4	24.0	36.0	





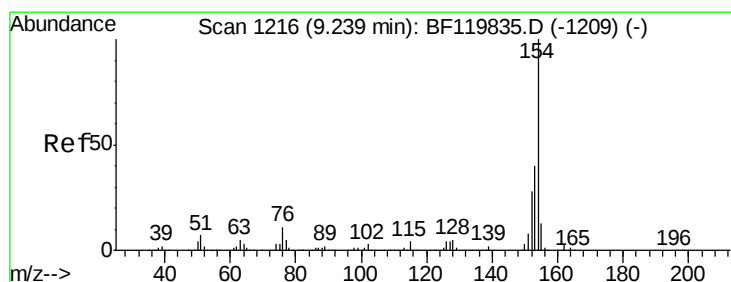
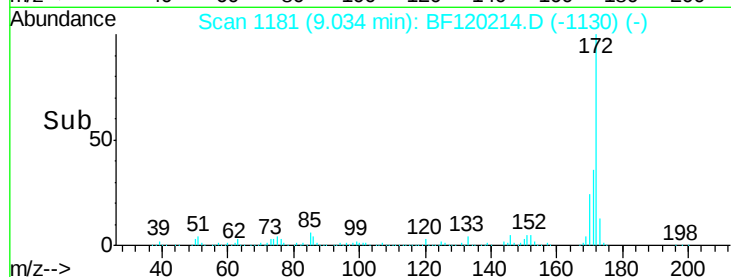
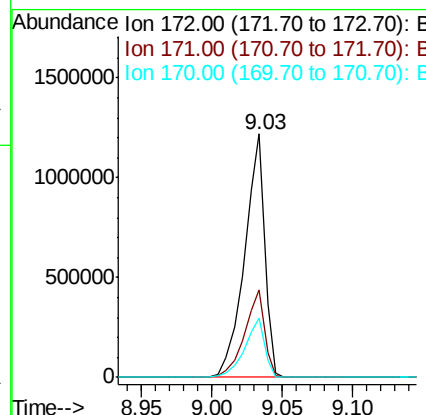
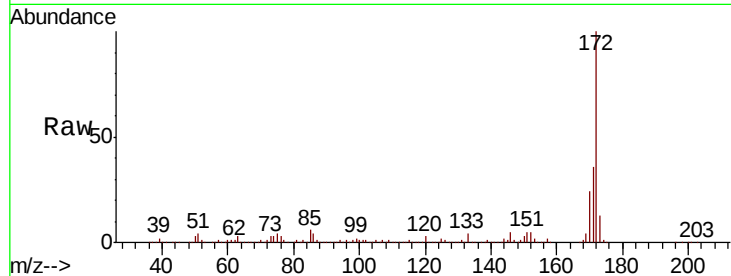
#45
2-Fluorobiphenyl
Concen: 59.542 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.2	20.2	30.2

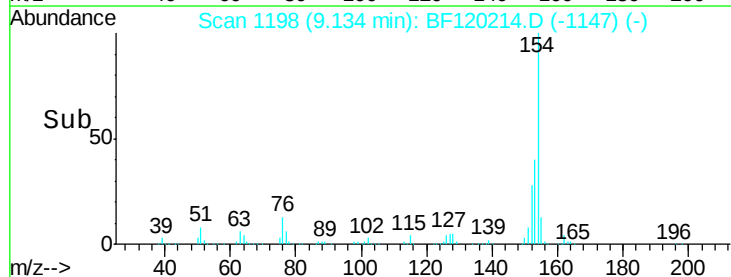
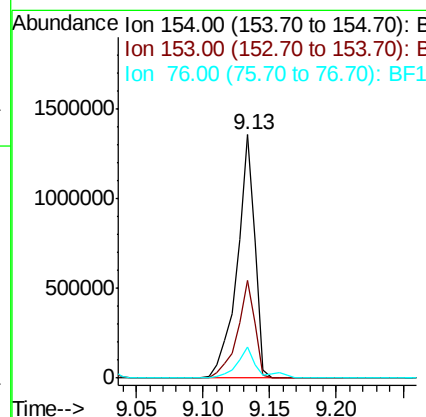
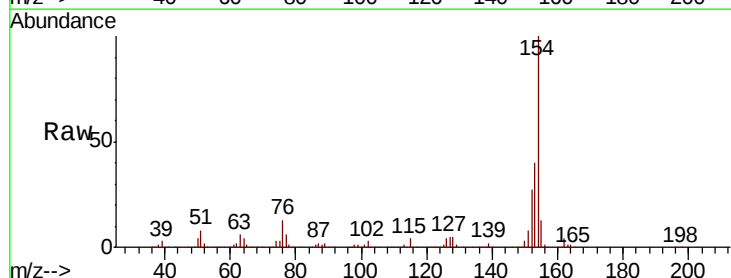
Manual Integrations
APPROVED

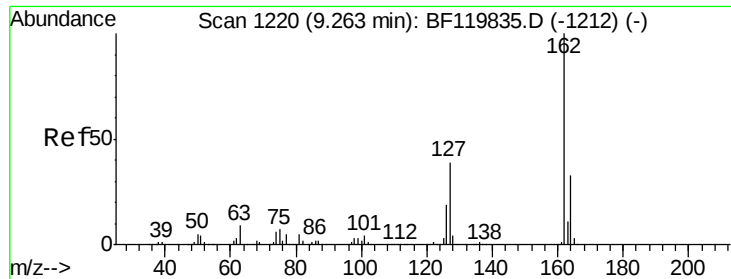
mohammad
4/28/2020 11:08:28 PM



#46
1,1'-Biphenyl
Concen: 52.285 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.4	61.4
76	12.9	0.0	33.0





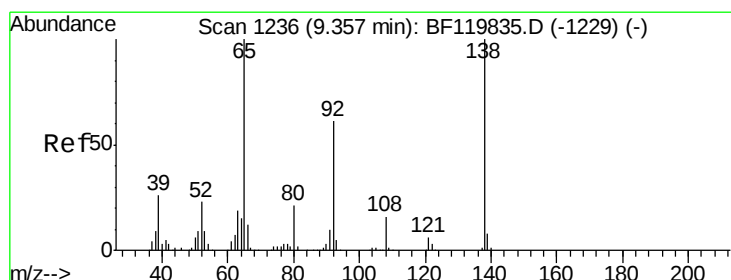
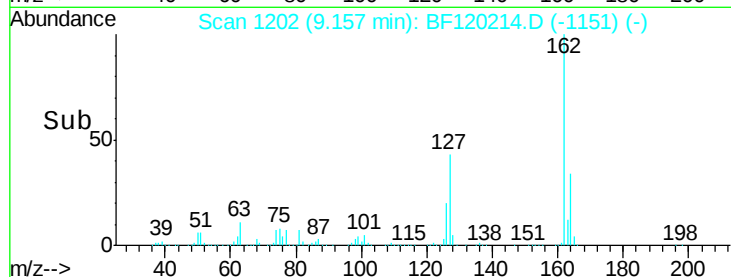
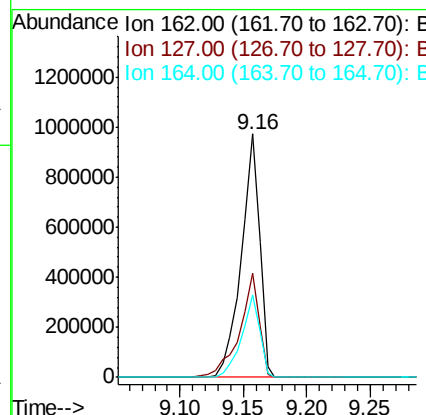
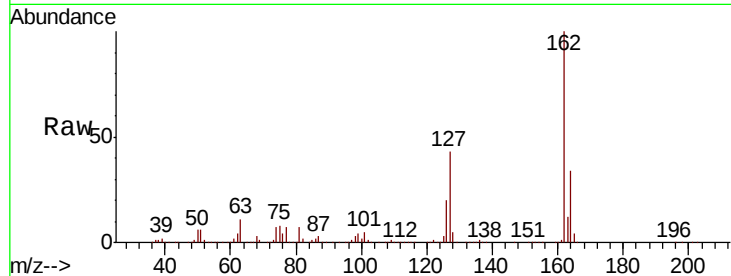
#47
 2-Chloronaphthalene
 Concen: 51.664 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.7	50.5
164	34.0	26.3	39.5

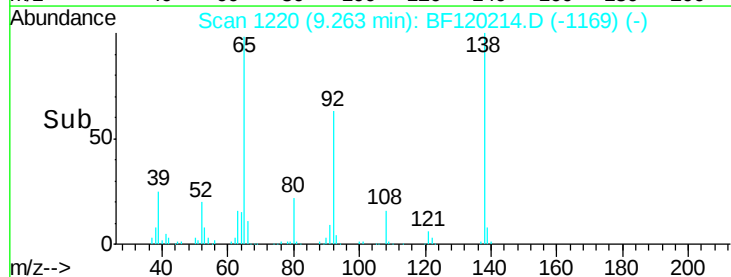
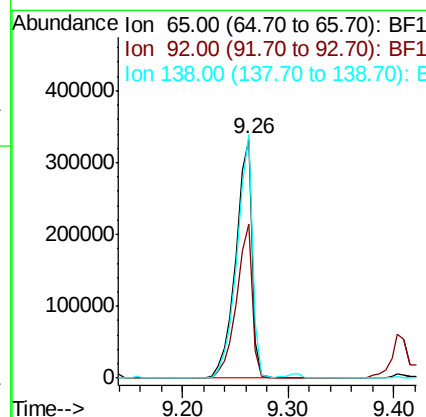
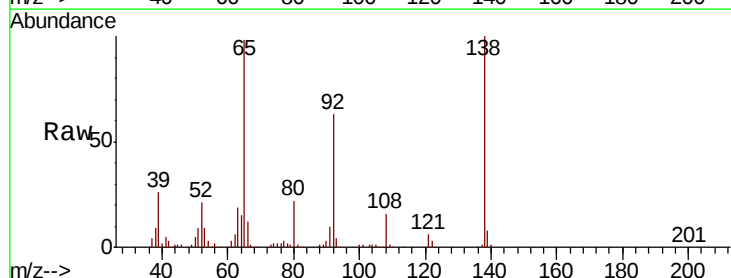
Manual Integrations
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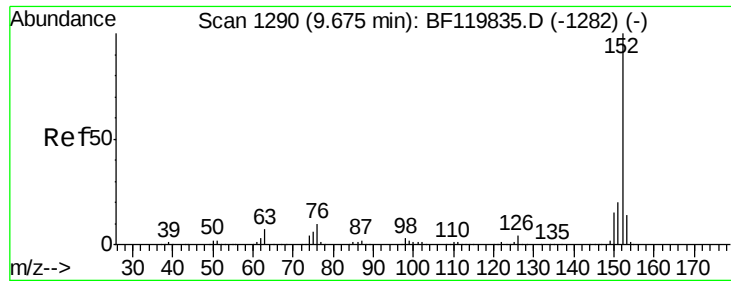
mohammad
 4/28/2020 11:08:28 PM



#48
 2-Nitroaniline
 Concen: 51.873 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	50.0	75.0
138	101.9	75.0	112.4





#49

Acenaphthylene

Concen: 53.413 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion:152 Resp: 1519659

Ion Ratio Lower Upper

152 100

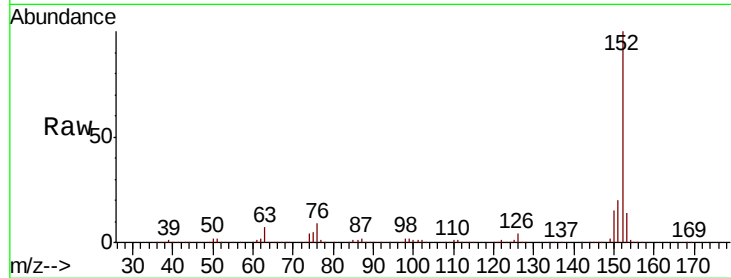
151 20.4 17.2 25.8

153 13.6 11.2 16.8

Manual Integrations
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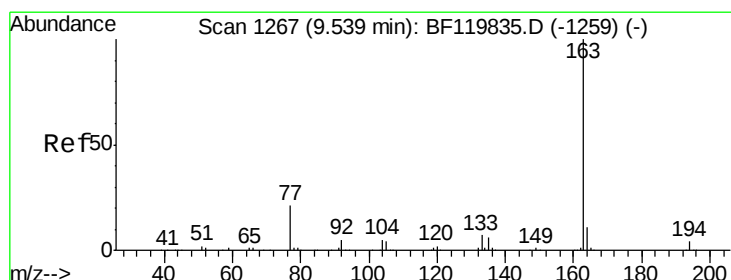
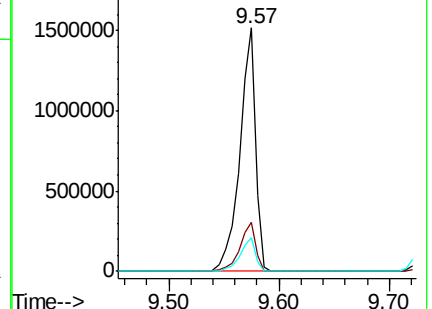
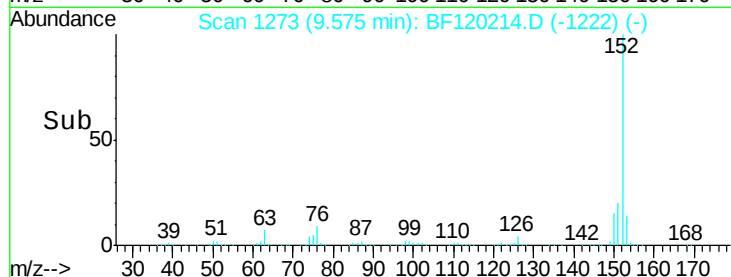
4/28/2020 11:08:28 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.086 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

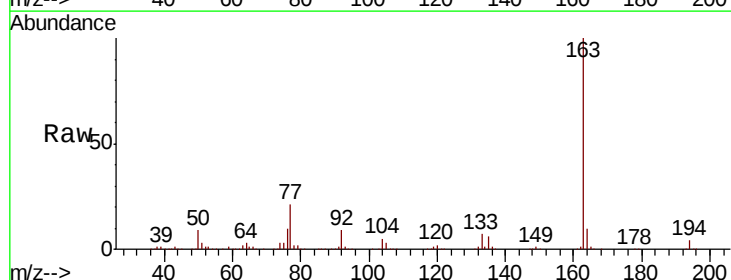
Tgt Ion:163 Resp: 1314938

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

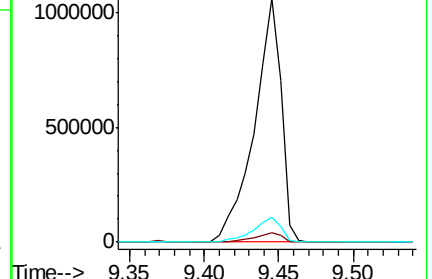
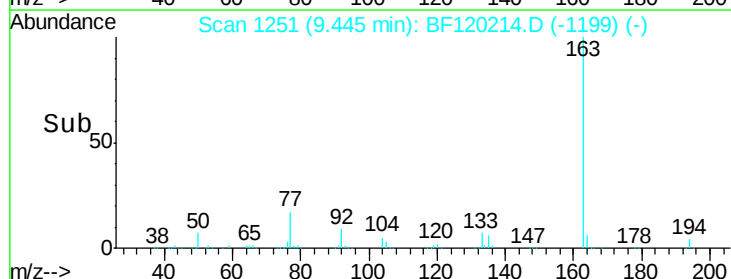
164 10.3 8.2 12.2

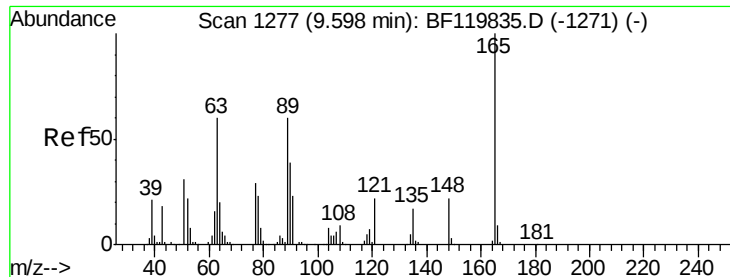


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





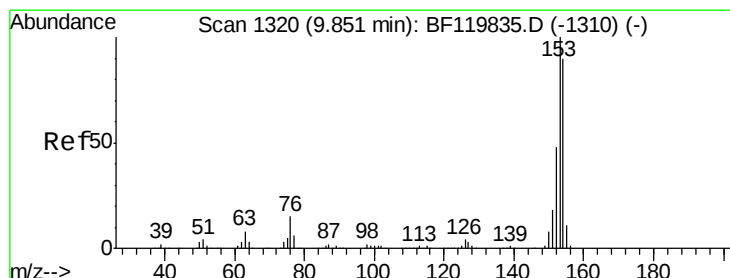
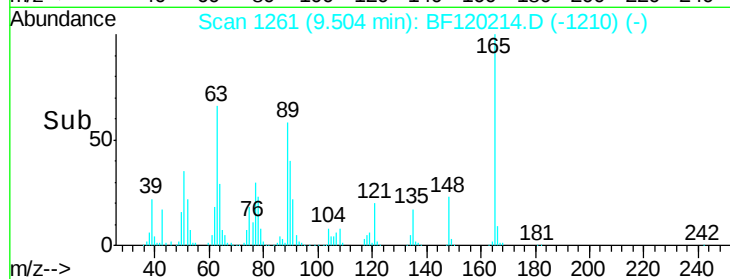
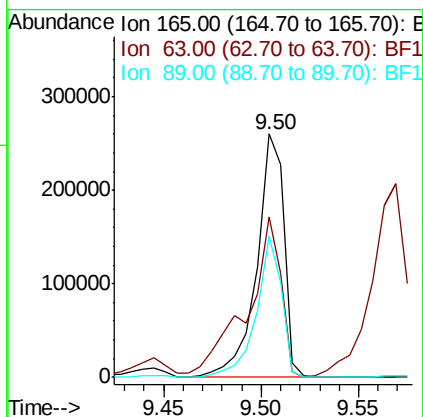
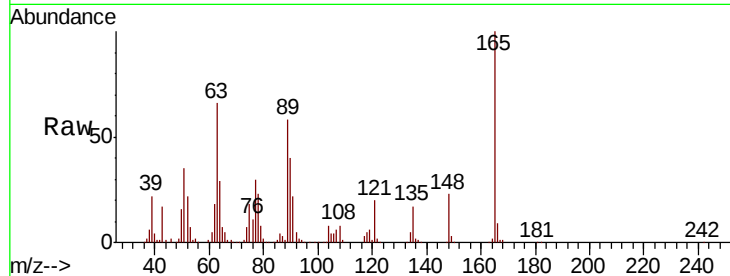
#51
 2,6-Dinitrotoluene
 Concen: 51.373 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250362		
63	65.8	45.0	67.4	
89	57.8	41.5	62.3	

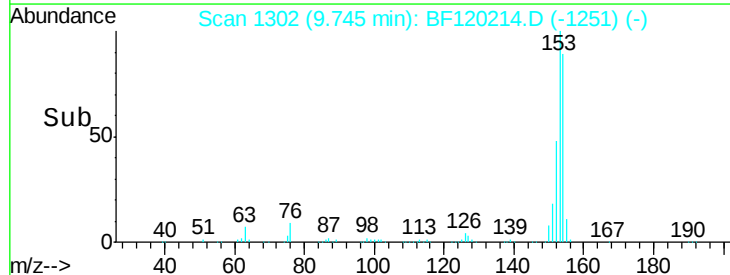
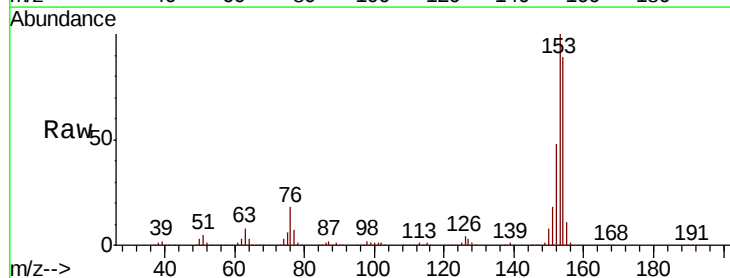
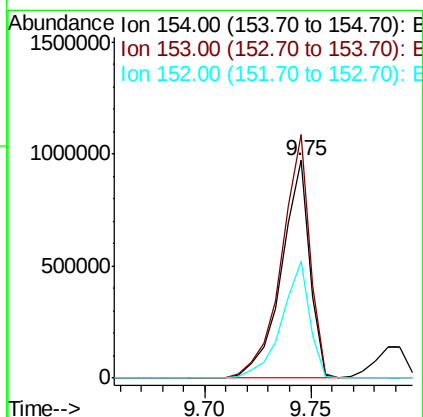
Manual Integrations
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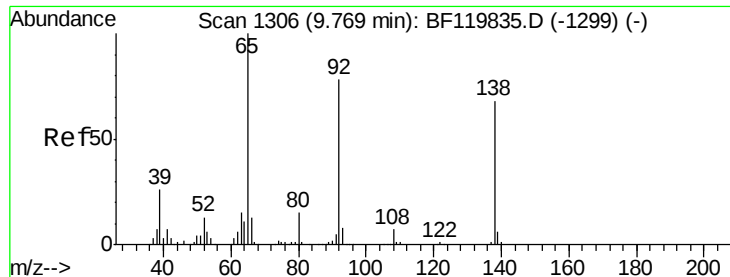
mohammad
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#52
 Acenaphthene
 Concen: 47.868 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	908486		
153	112.0	88.1	132.1	
152	53.5	43.0	64.4	





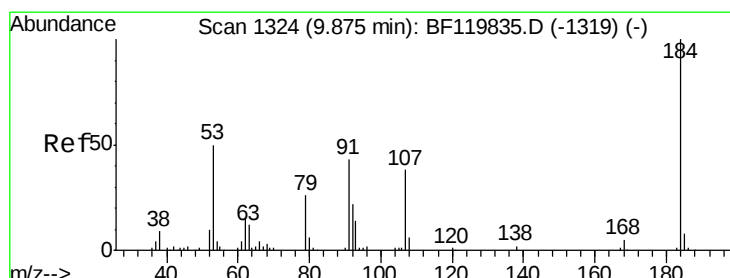
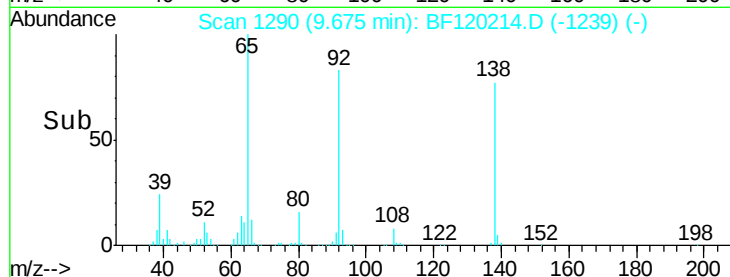
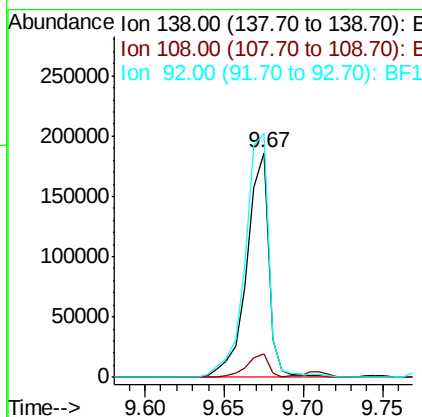
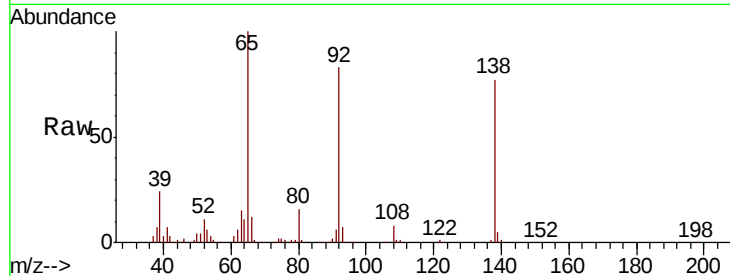
#53
3-Nitroaniline
Concen: 32.326 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	13.0
92	108.4	95.4	143.0

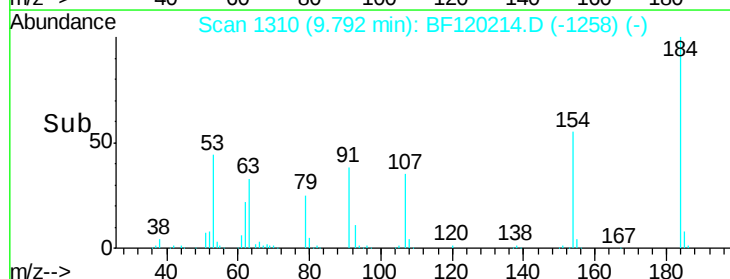
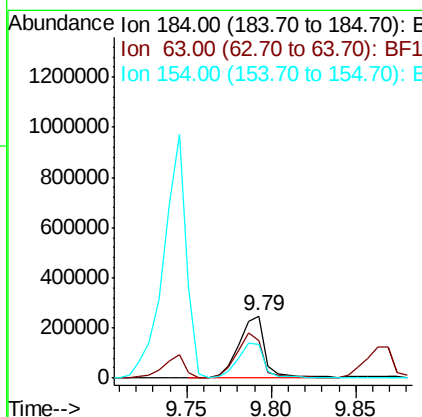
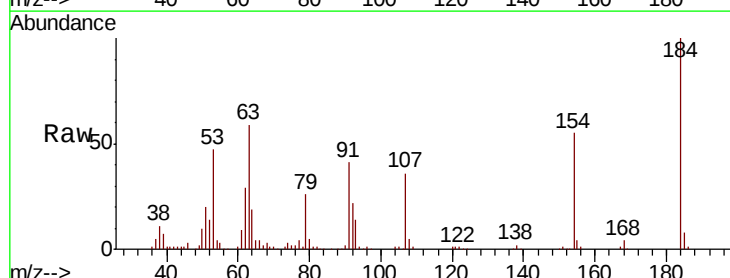
Manual Integrations
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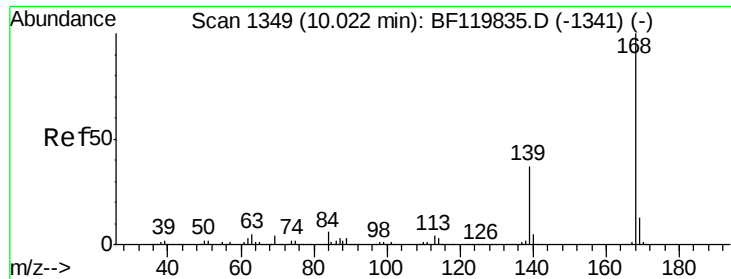
mohammad
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#54
2,4-Dinitrophenol
Concen: 92.745 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	50.2	75.4
154	54.9	44.5	66.7





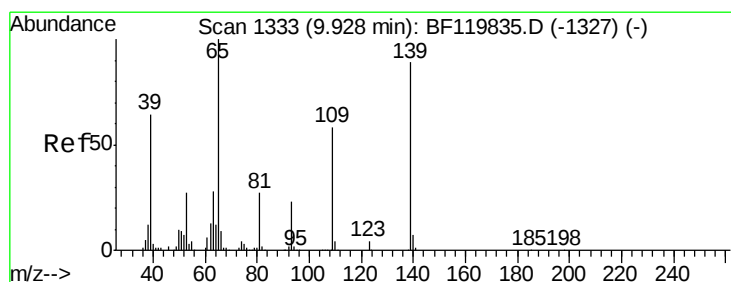
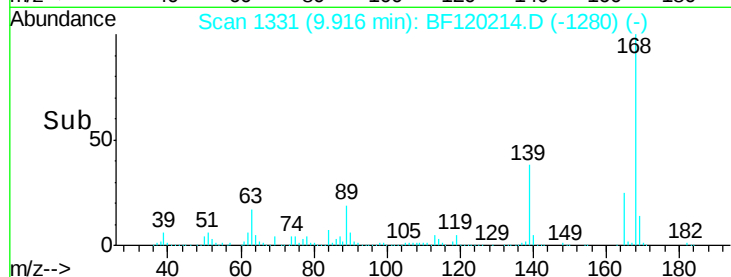
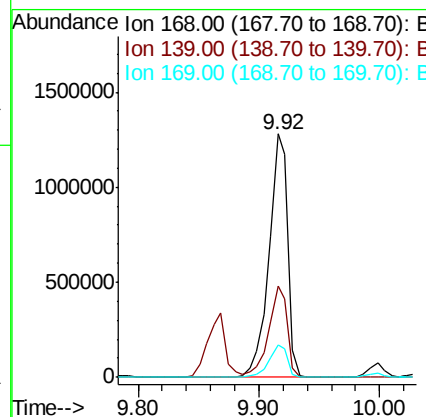
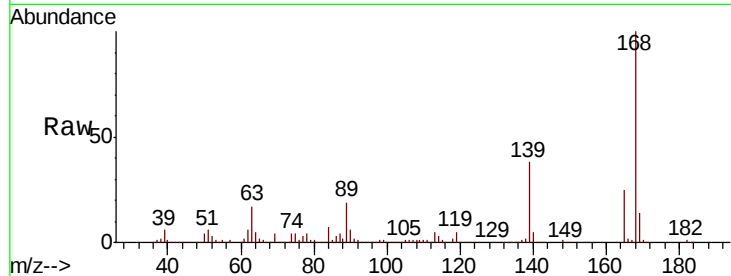
#55
Dibenzofuran
Concen: 52.703 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:168 Resp: 1372580
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.5 11.0 16.6

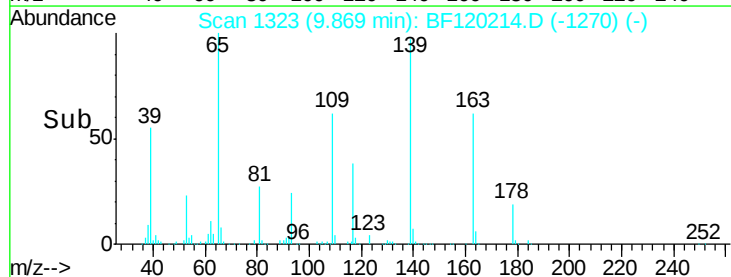
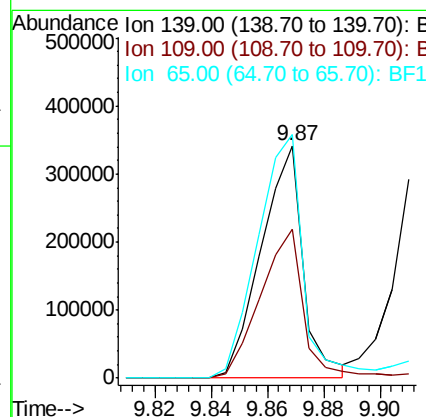
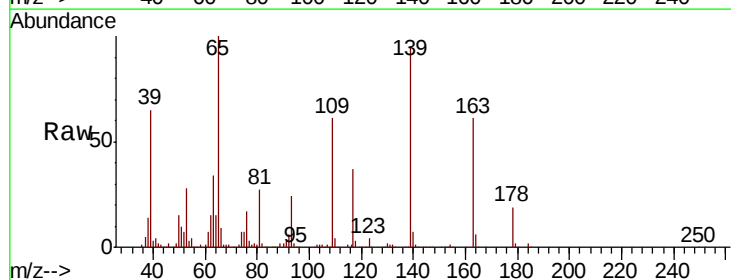
Manual Integrations
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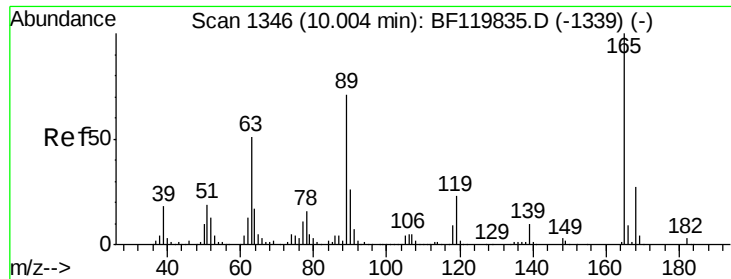
mohammad
4/28/2020 11:08:28 PM



#56
4-Nitrophenol
Concen: 84.950 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:139 Resp: 351801
Ion Ratio Lower Upper
139 100
109 64.2 43.3 83.3
65 104.9 91.0 131.0





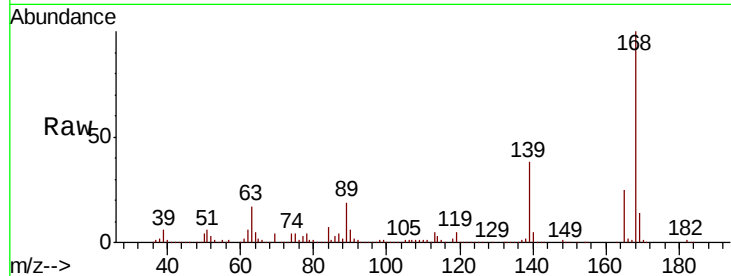
#57
2,4-Dinitrotoluene
Concen: 51.962 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.1	42.6	64.0	#
89	76.7	61.0	91.4	
182	2.5	2.2	3.2	

Manual Integrations
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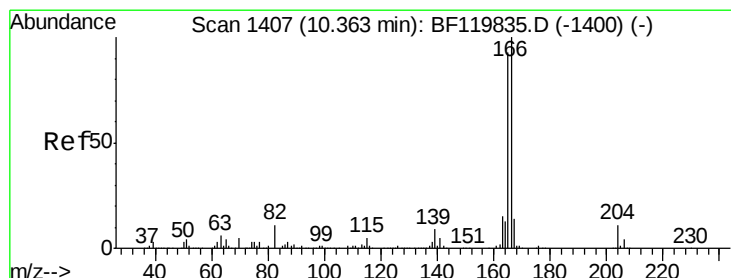
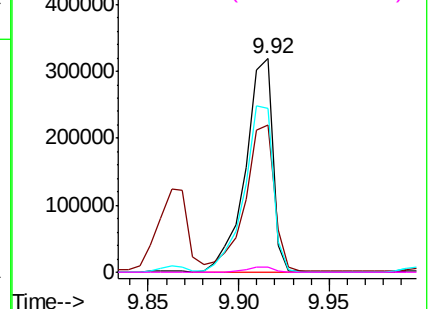
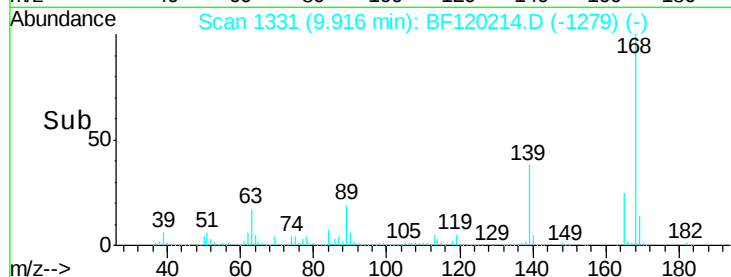
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

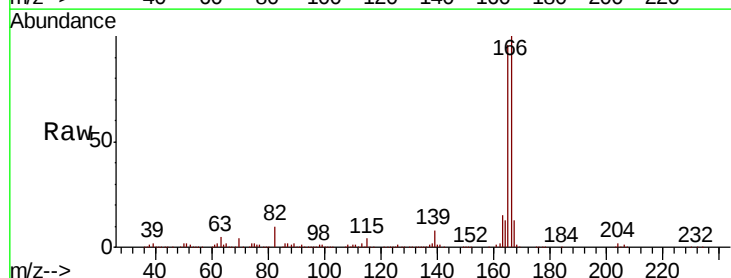
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.287 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.0	75.4	113.2	
167	13.1	11.2	16.8	

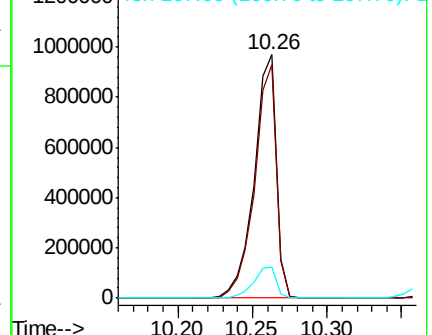
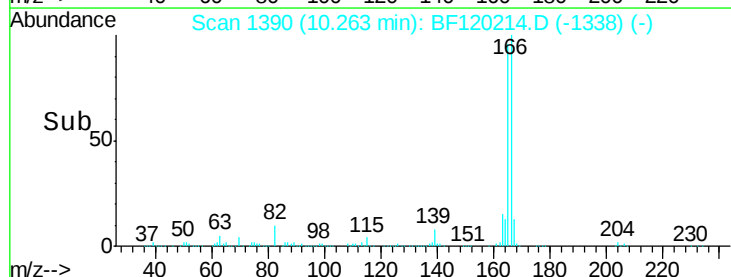


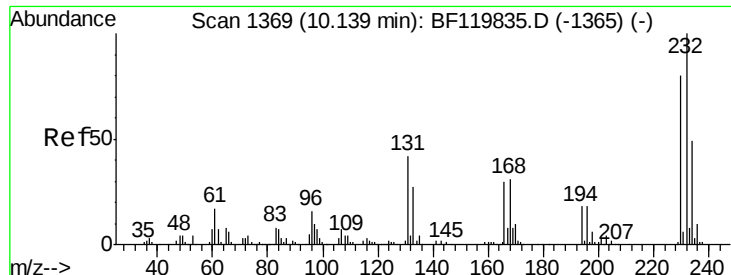
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.272 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion:232 Resp: 282559
Ion Ratio Lower Upper

232 100

131 44.7 37.5 56.3

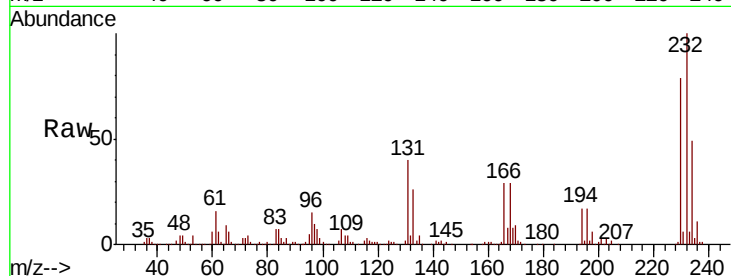
130 2.0 1.8 2.6

166 31.1 24.6 36.8

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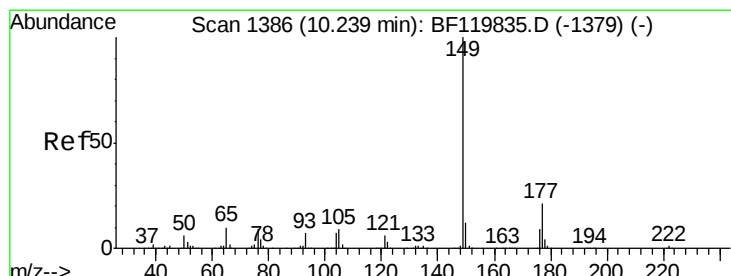
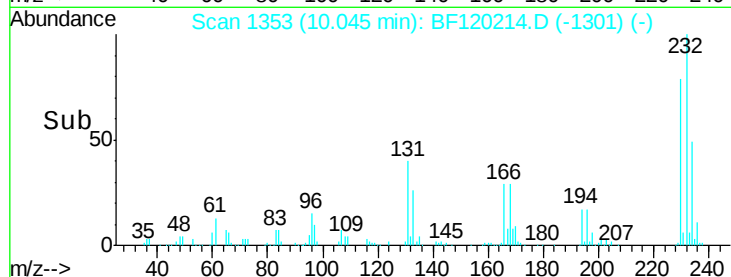
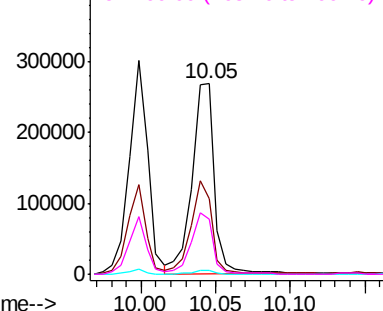


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.003 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF120214.D

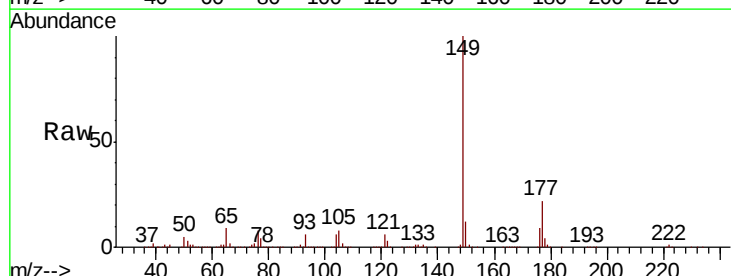
Acq: 27 Apr 2020 13:07

Tgt Ion:149 Resp: 1084134
Ion Ratio Lower Upper

149 100

177 21.5 17.0 25.6

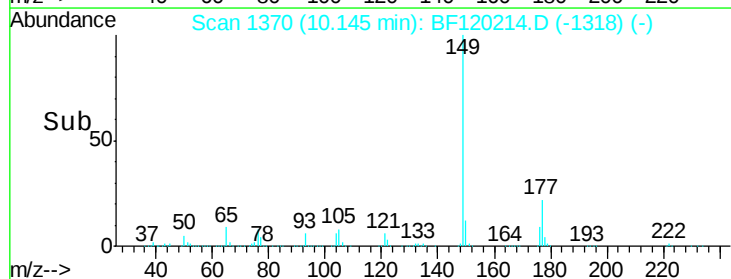
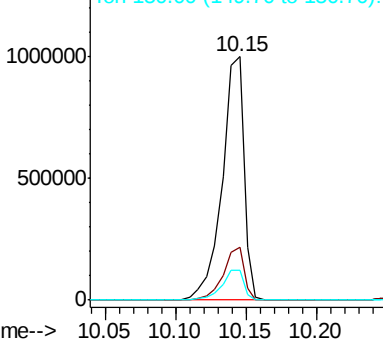
150 12.3 10.1 15.1

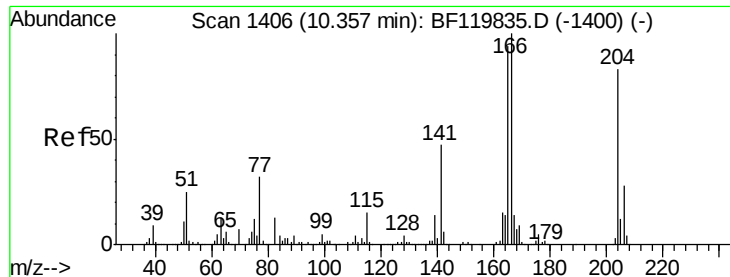


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





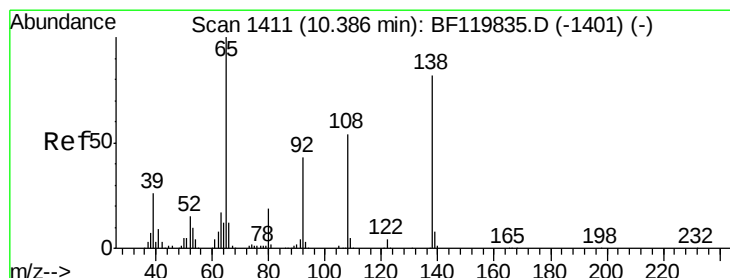
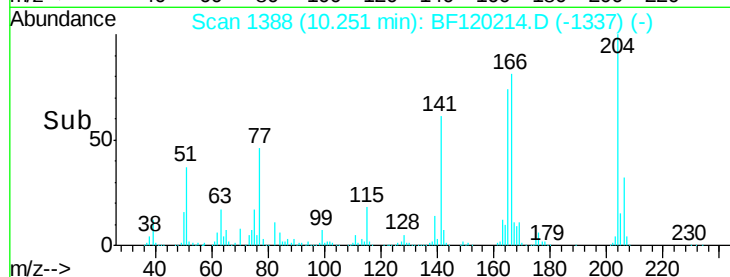
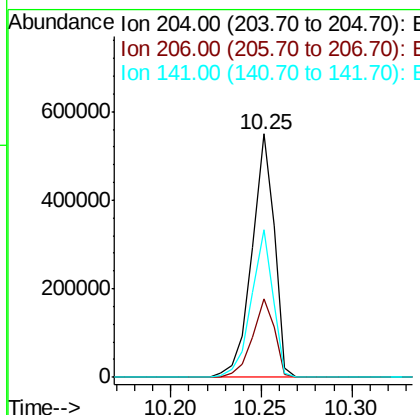
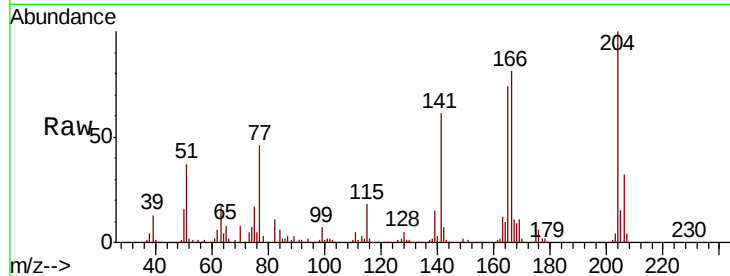
#61
 4-Chlorophenyl-phenylether
 Concen: 44.258 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	60.8	47.3	70.9

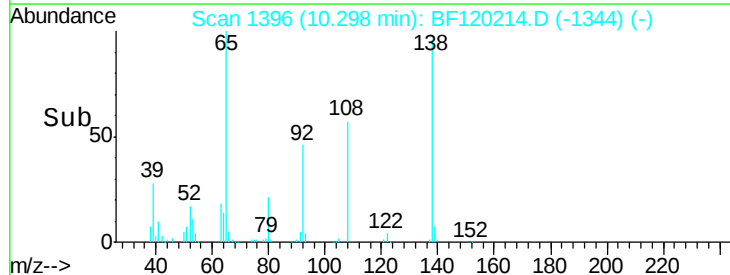
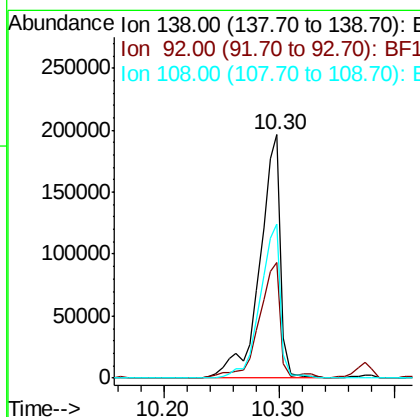
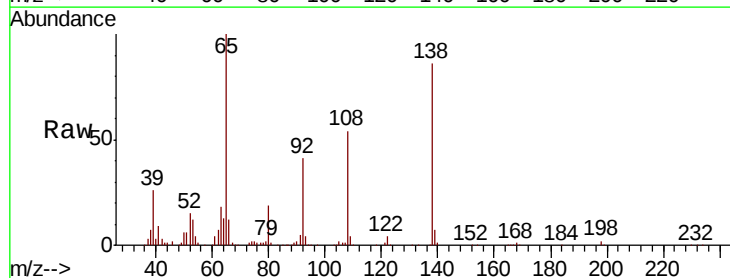
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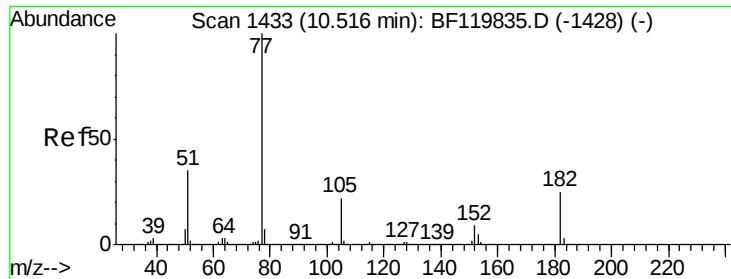
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#62
 4-Nitroaniline
 Concen: 46.506 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	31.5	71.5
108	63.4	45.8	85.8





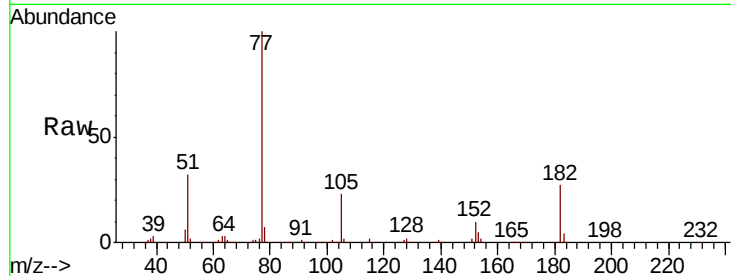
#63
Azobenzene
Concen: 54.828 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

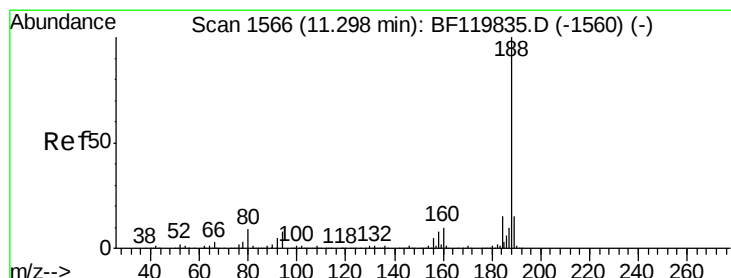
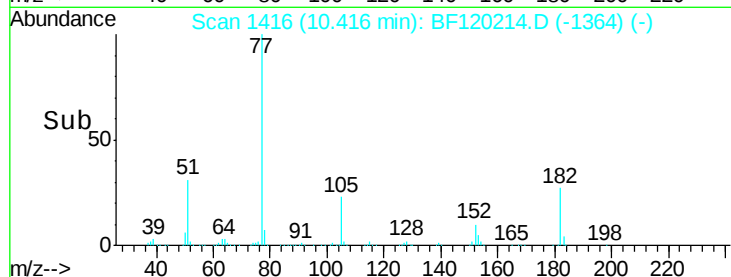
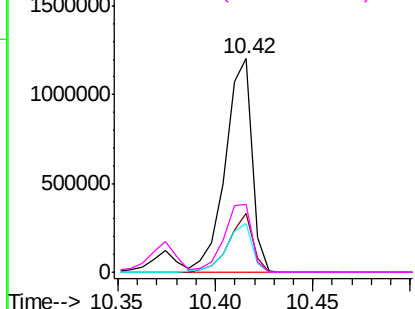
Tot Ion: 77 Resp: 1133334
Ion Ratio Lower Upper
77 100
182 27.4 4.4 44.4
105 23.1 2.6 42.6
51 31.6 15.1 55.1

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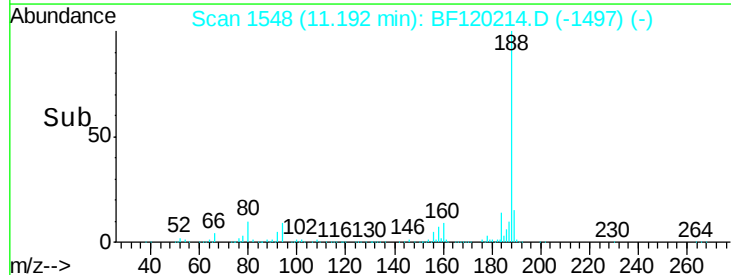
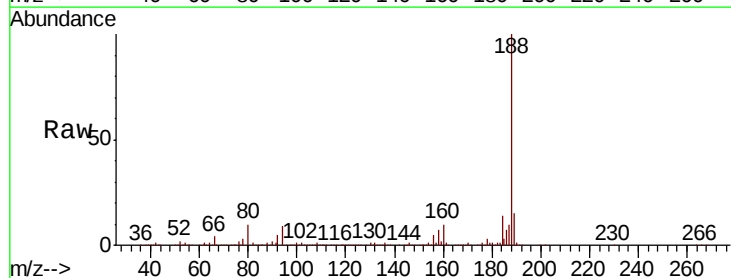
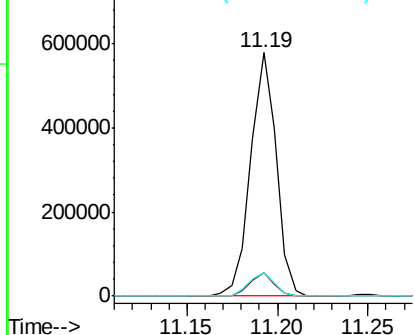
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

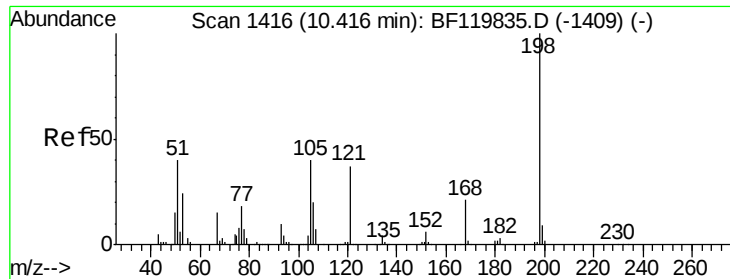


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion: 188 Resp: 569170
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.8 9.0 13.4

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





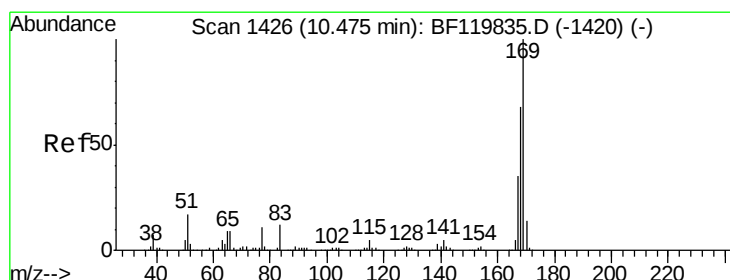
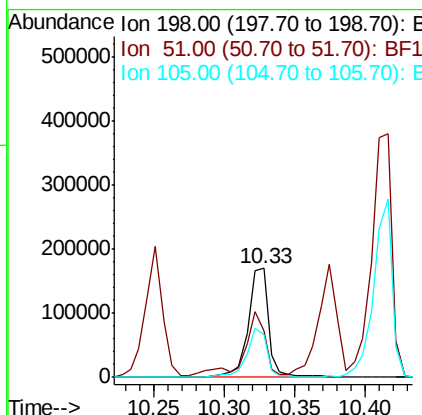
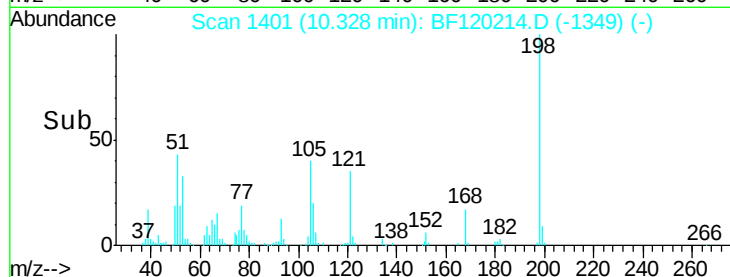
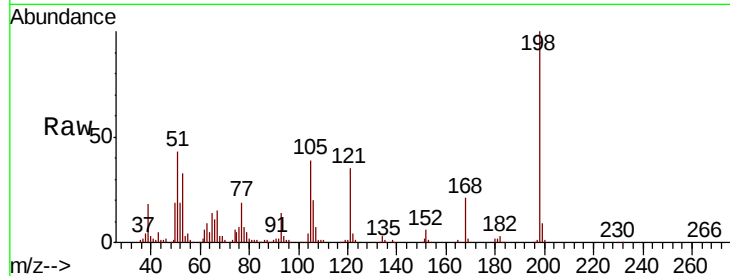
#65
4,6-Dinitro-2-methylphenol
Concen: 46.454 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.0	29.0	69.0
105	39.5	22.2	62.2

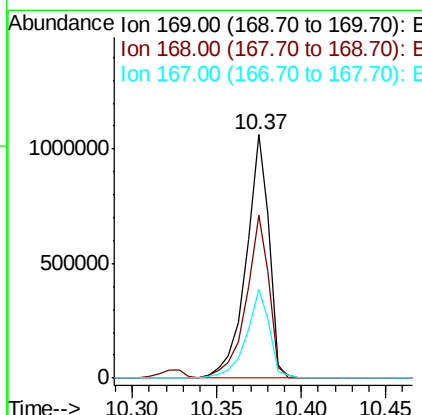
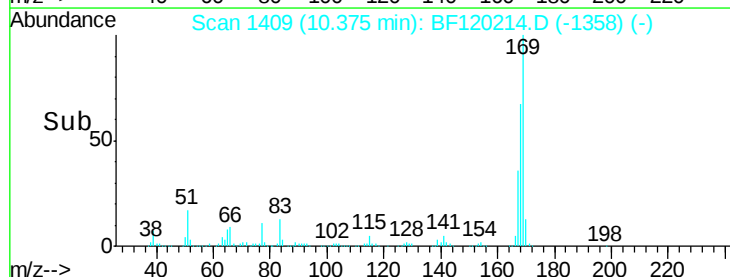
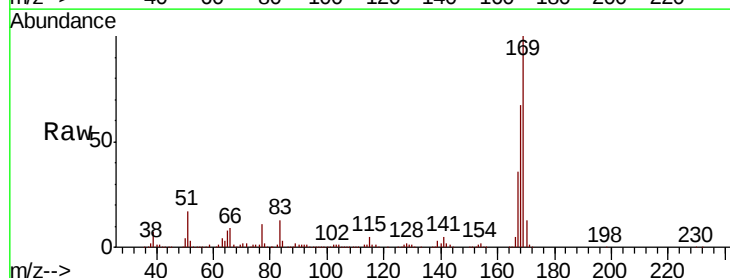
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#66
n-Nitrosodiphenylamine
Concen: 53.097 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	36.5	29.1	43.7





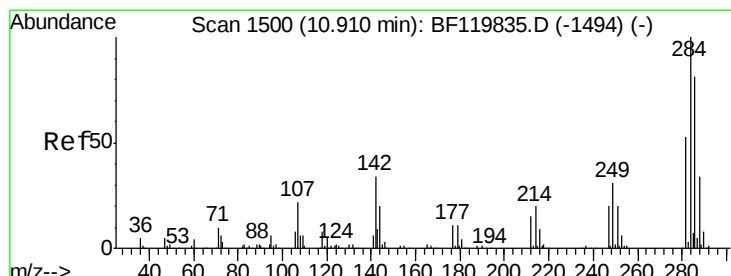
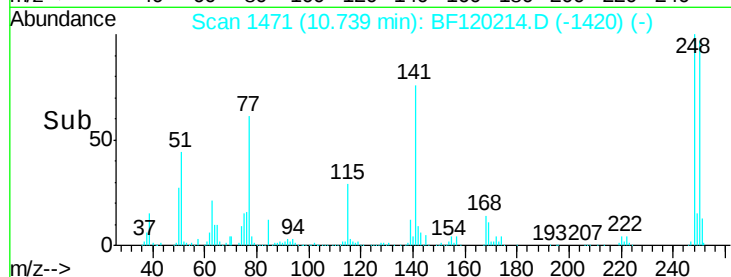
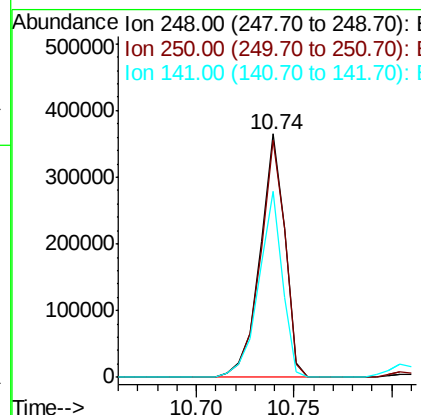
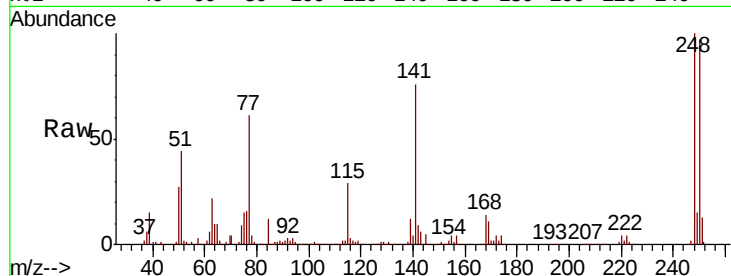
#67
 4-Bromophenyl-phenylether
 Concen: 45.330 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion:	248	Resp:	320854
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.3	115.9
141	76.3	58.6	87.8

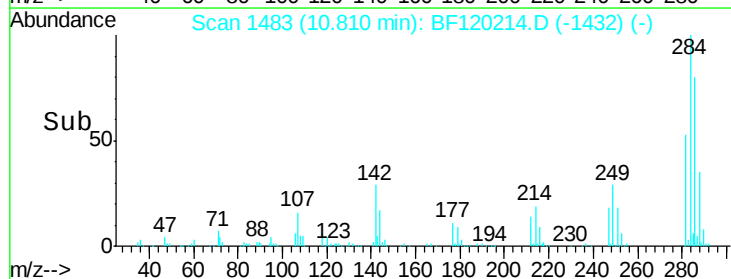
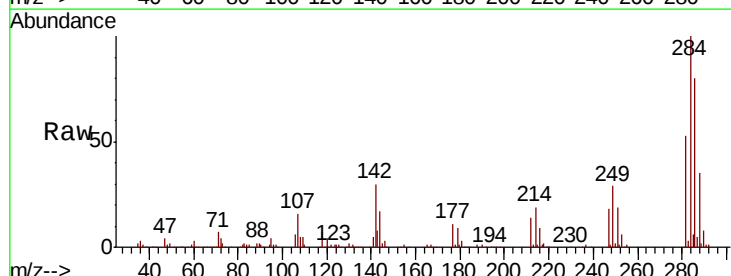
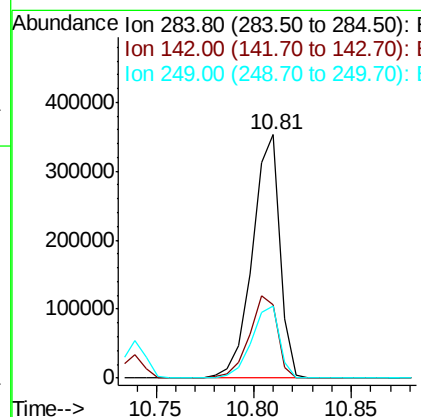
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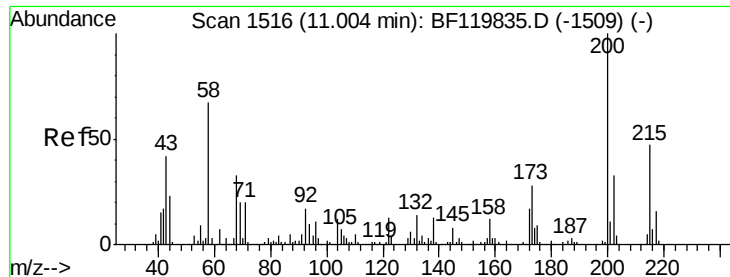
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#68
 Hexachlorobenzene
 Concen: 47.885 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion:	284	Resp:	343844
Ion Ratio	Lower	Upper	
284	100		
142	29.9	29.2	43.8
249	29.5	25.1	37.7





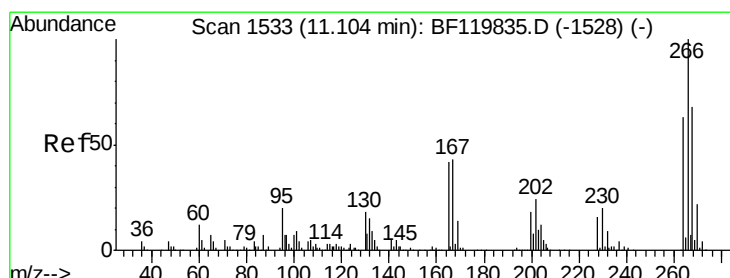
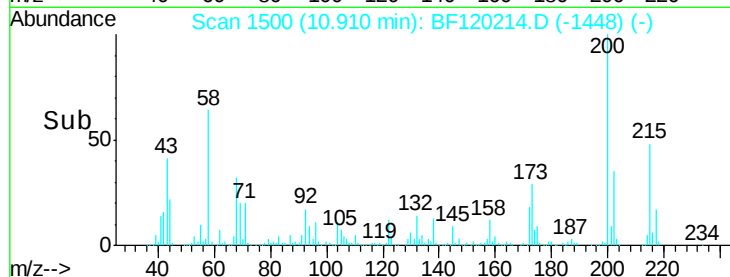
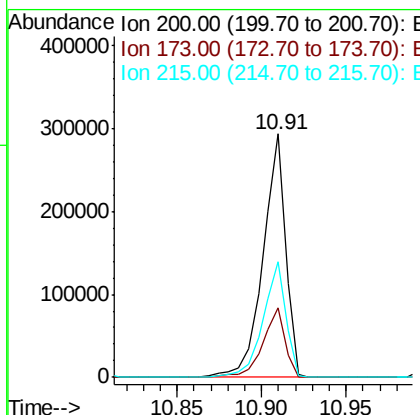
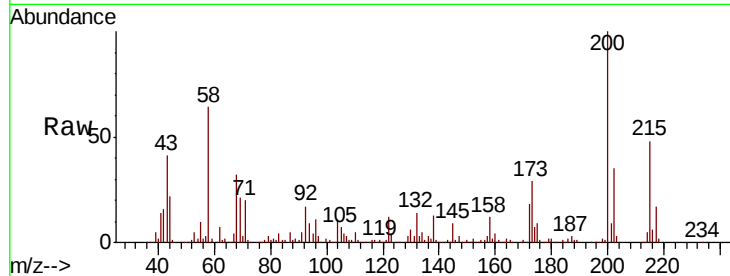
#69
Atrazine
Concen: 51.733 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.3	49.3
215	47.7	29.5	69.5

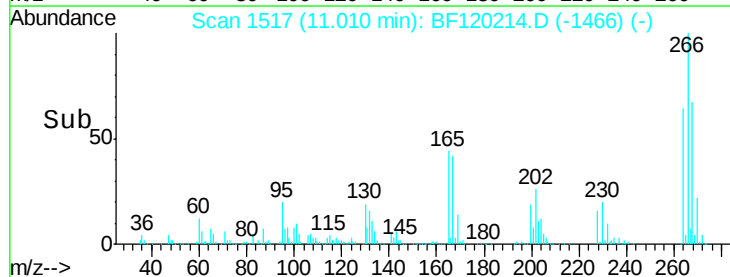
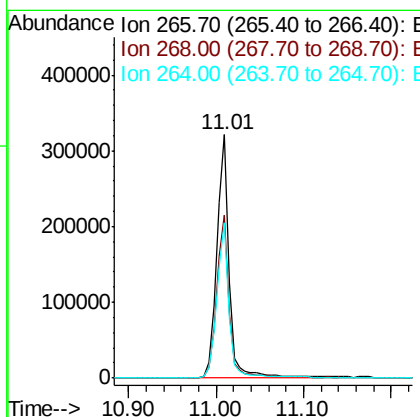
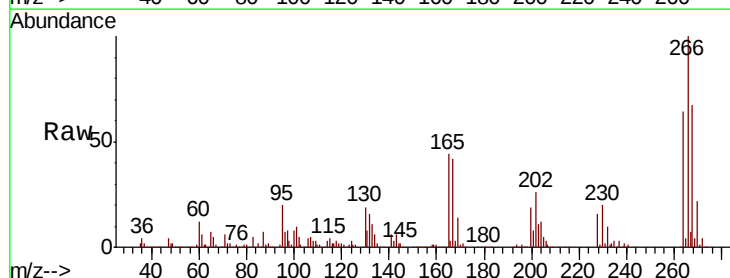
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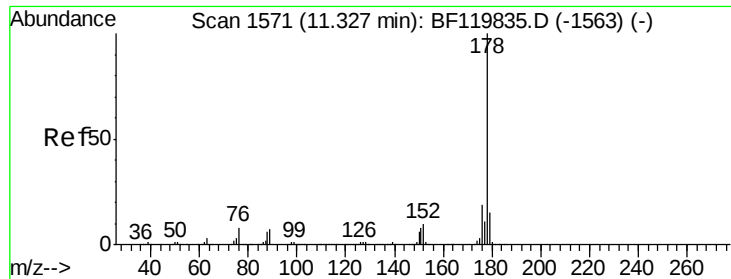
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#70
Pentachlorophenol
Concen: 77.054 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.3	79.9
264	64.0	49.0	73.4





#71

Phenanthrene

Concen: 52.826 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion:178 Resp: 1600210

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

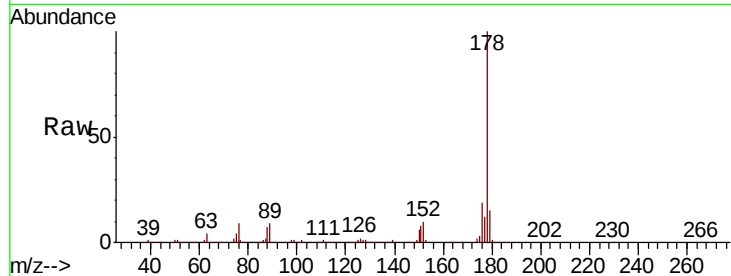
179 15.5 13.2 19.8

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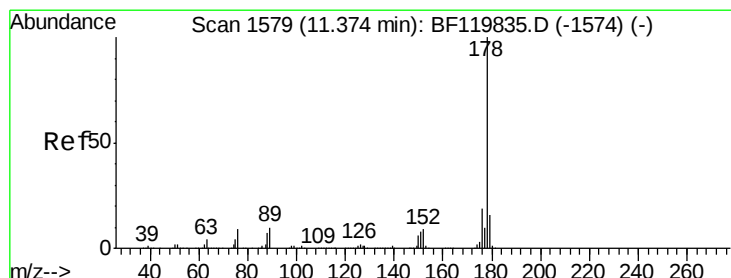
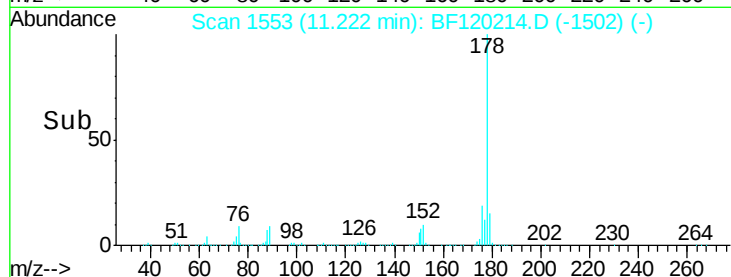
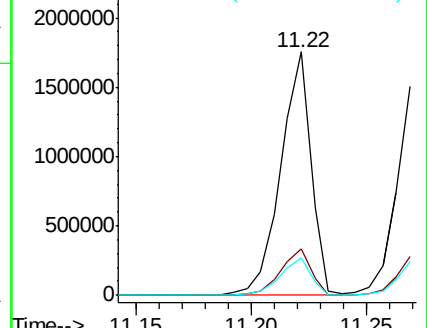
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.848 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:178 Resp: 1666308

Ion Ratio Lower Upper

178 100

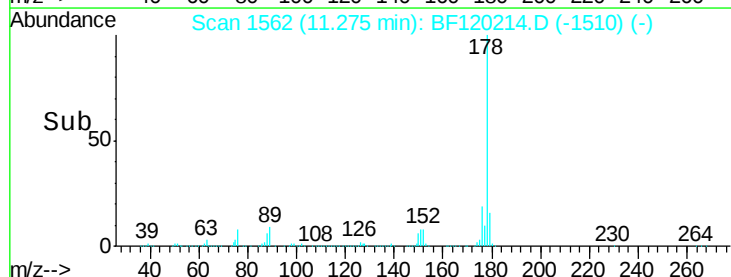
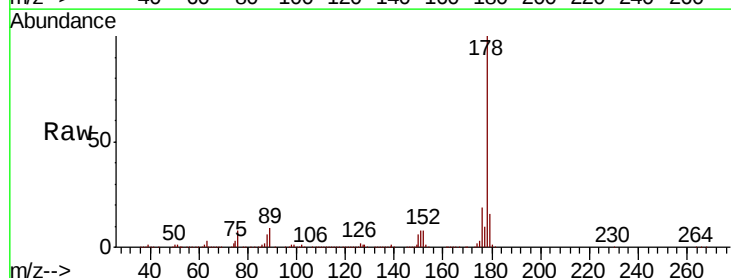
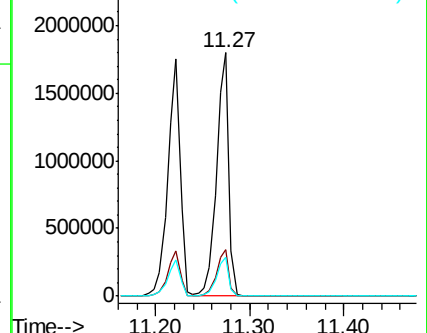
176 19.2 16.1 24.1

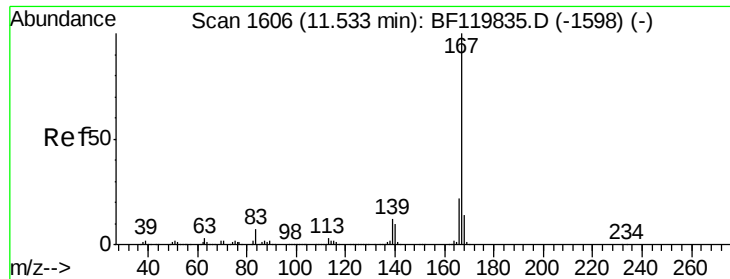
179 15.7 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





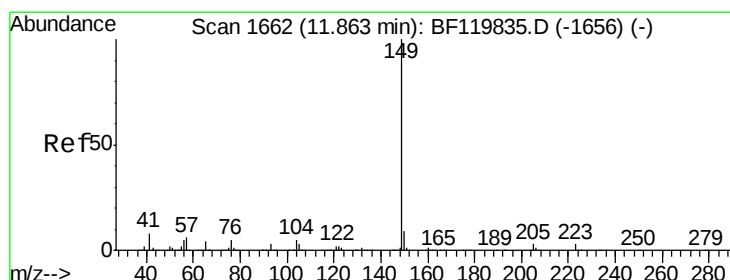
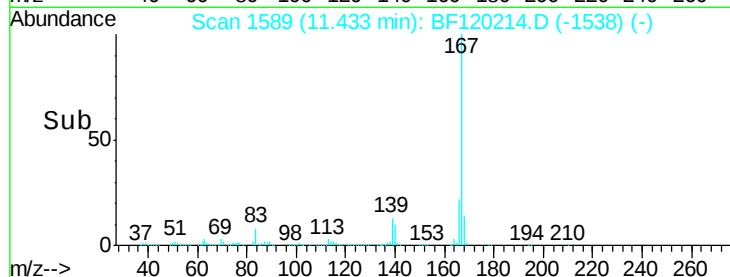
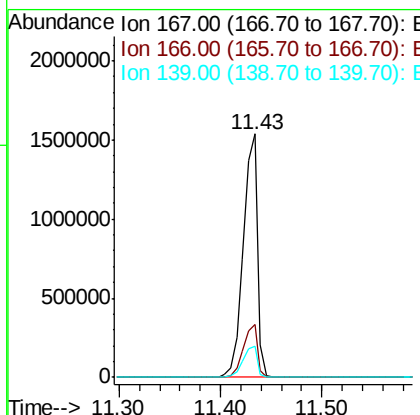
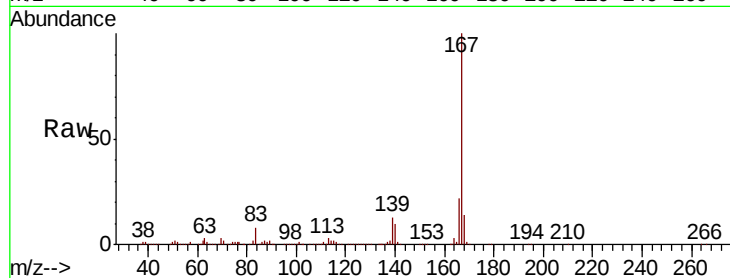
#73
 Carbazole
 Concen: 51.079 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	12.7	10.7	16.1

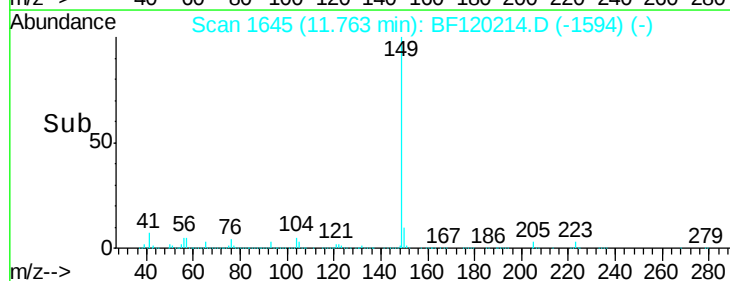
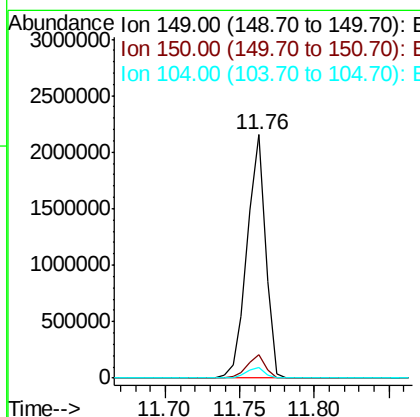
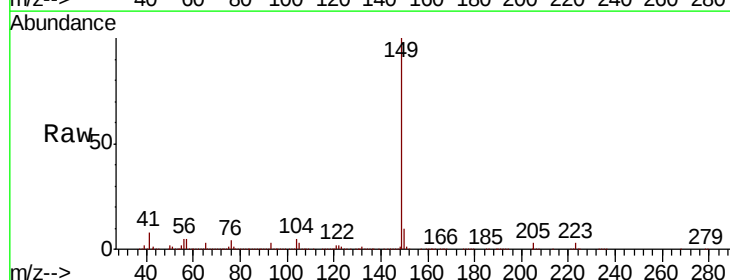
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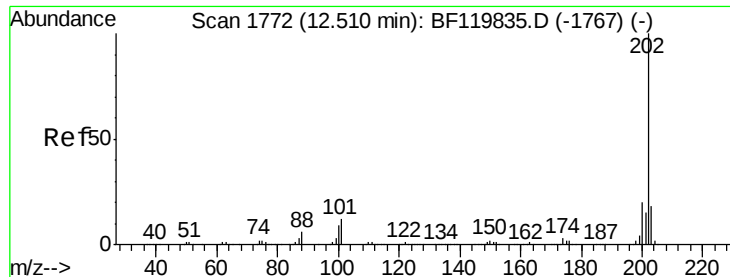
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#74
 Di-n-butylphthalate
 Concen: 48.262 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 47.816 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

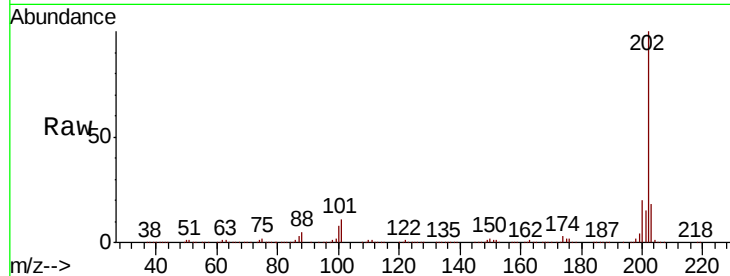
ClientSampleId :

RBR-200010MS

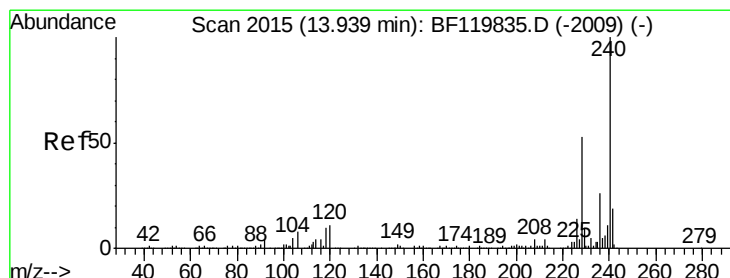
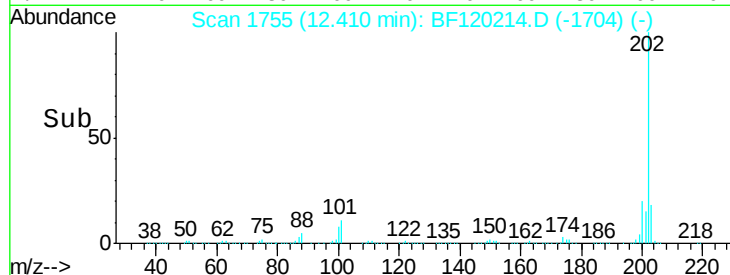
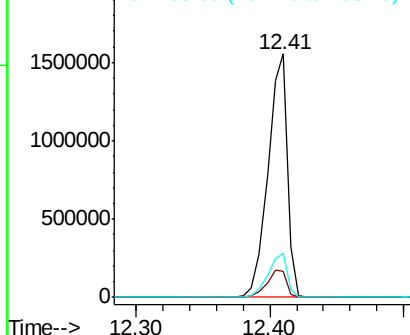
Tot Ion:	202	Resp:	1562847
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	32.2
203	18.1	0.0	38.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

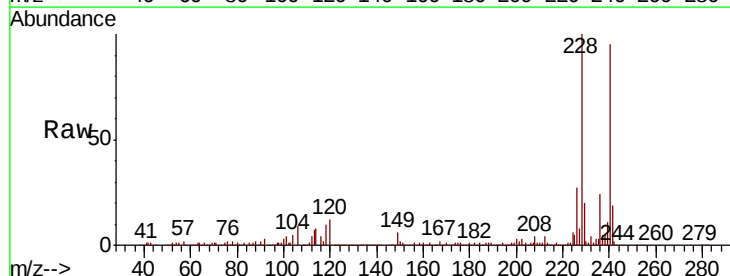
RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

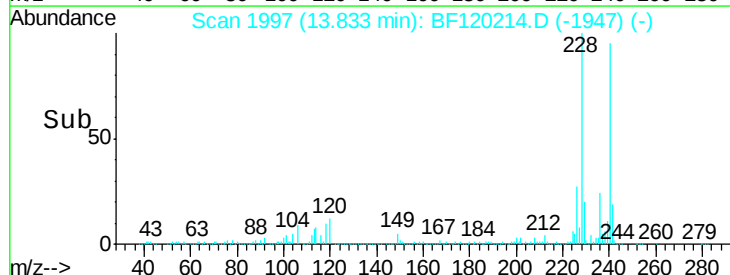
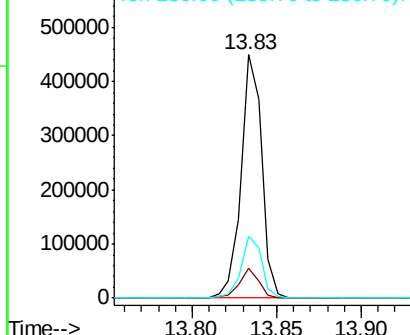
Lab File: BF120214.D

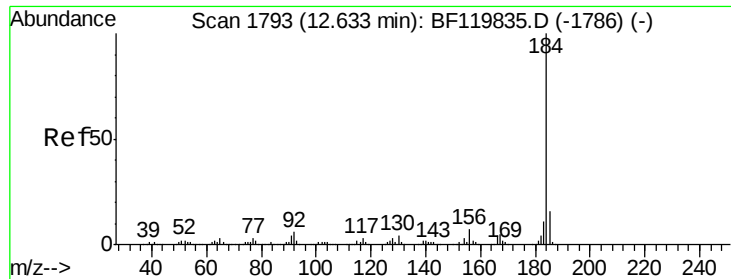
Acq: 27 Apr 2020 13:07

Tgt Ion:	240	Resp:	383218
Ion Ratio	Lower	Upper	
240	100		
120	12.2	10.6	15.8
236	25.4	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 71.651 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

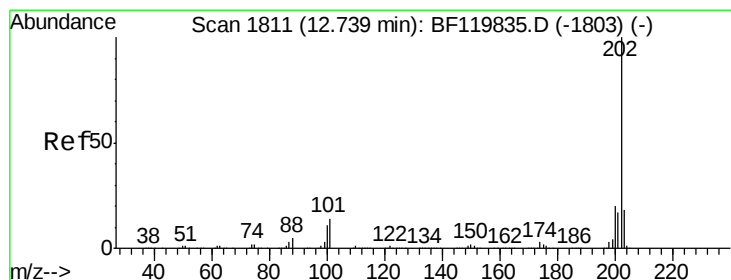
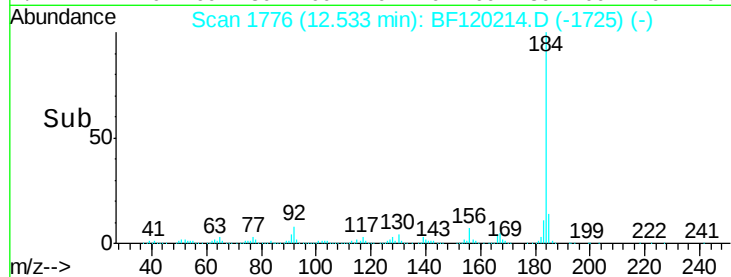
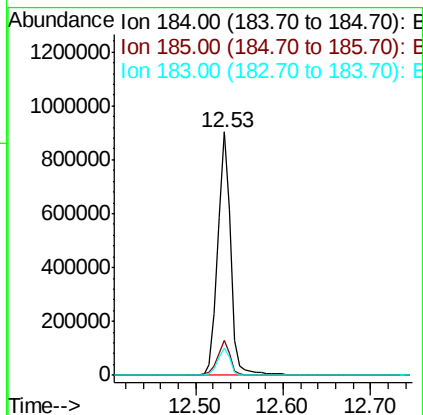
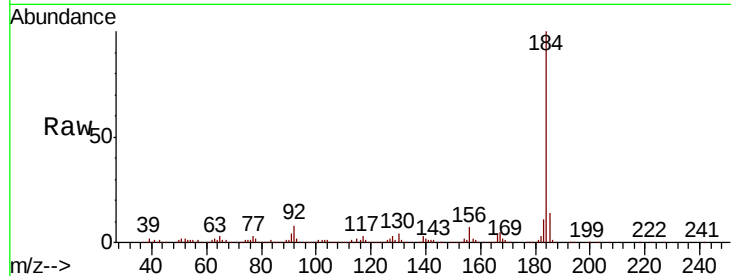
ClientSampleId :

RBR-200010MS

Tot Ion:	184	Resp:	928164
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.3	18.5
183	11.2	9.0	13.6

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#78

Pyrene

Concen: 54.831 ng

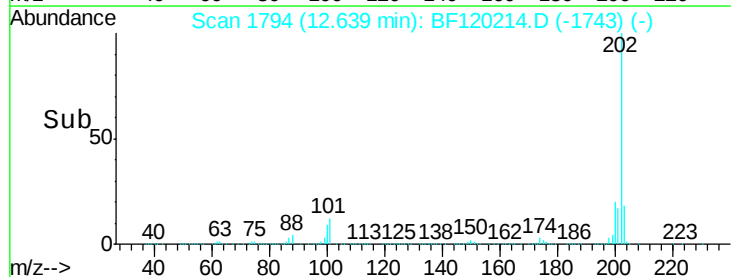
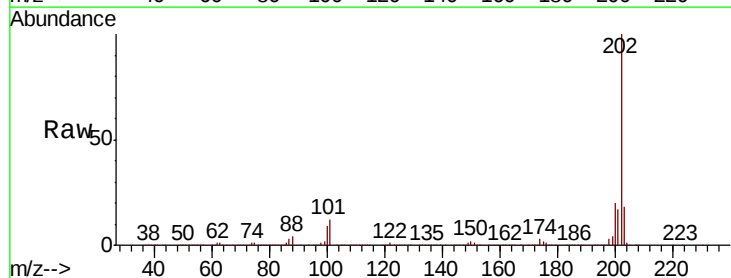
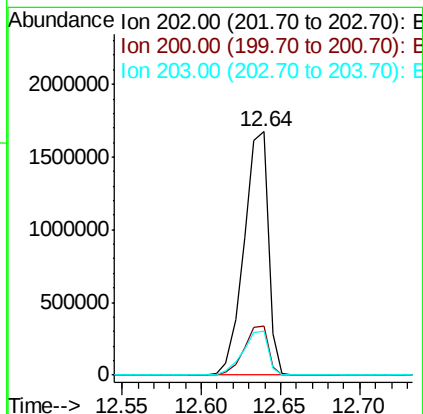
RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	202	Resp:	1771369
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.8	25.2
203	17.9	15.1	22.7





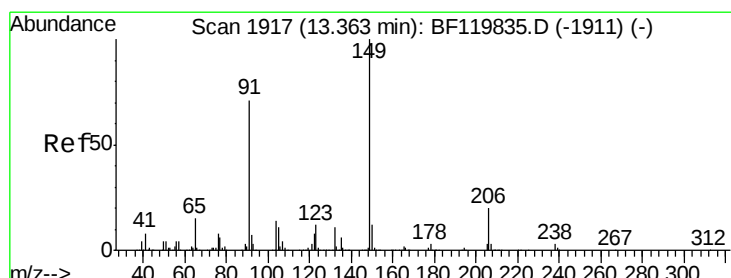
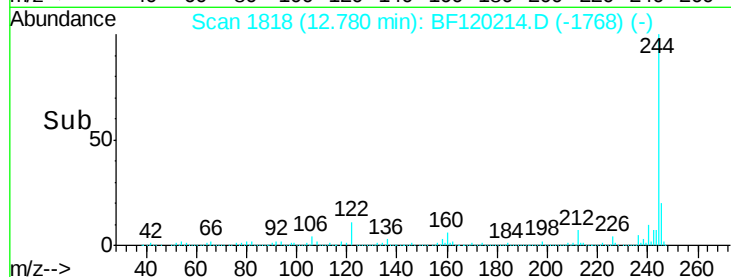
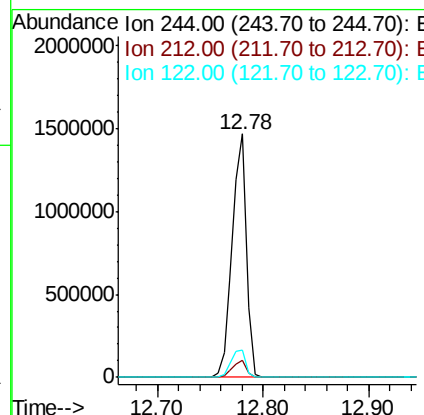
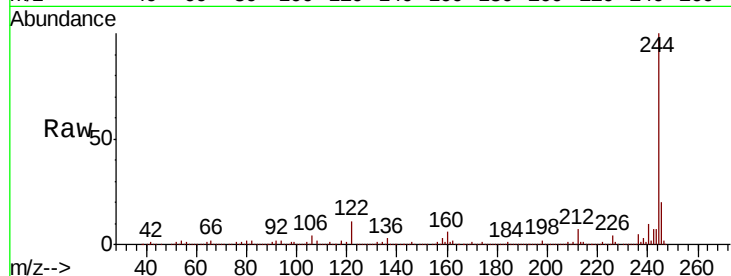
#79
 Terphenyl-d14
 Concen: 59.946 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.3	10.3	15.5

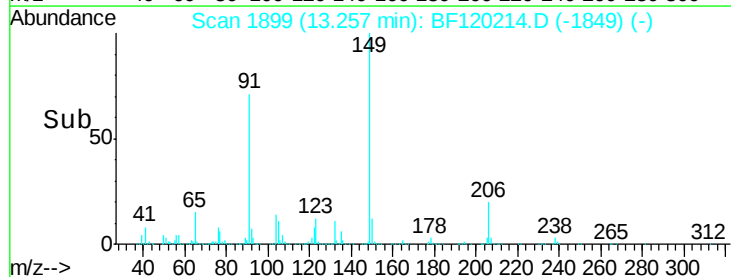
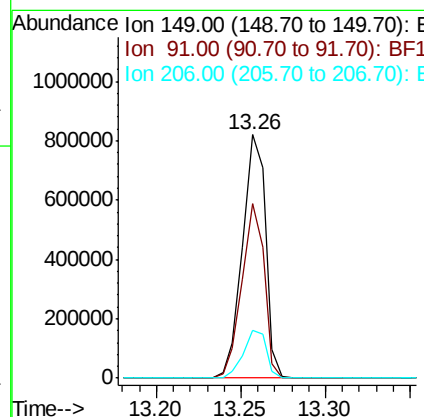
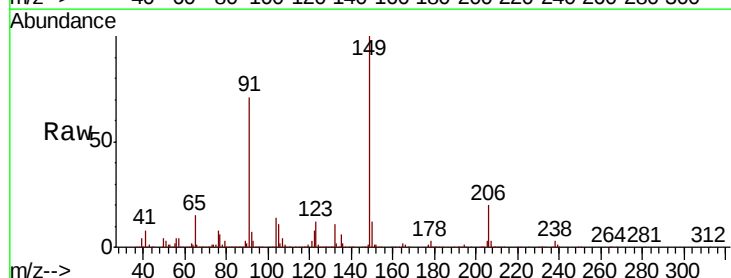
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#80
 Butylbenzylphthalate
 Concen: 50.025 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF120214.D
 Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	54.7	82.1
206	19.6	16.2	24.2





#81

Benzo(a)anthracene

Concen: 52.309 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

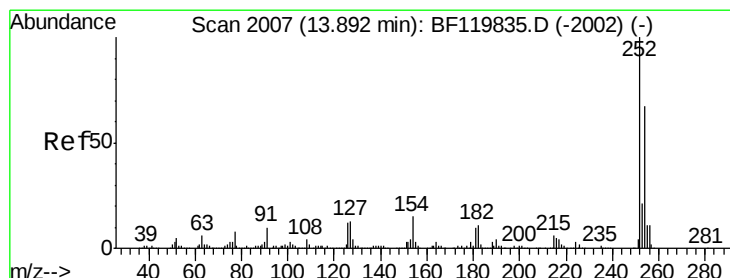
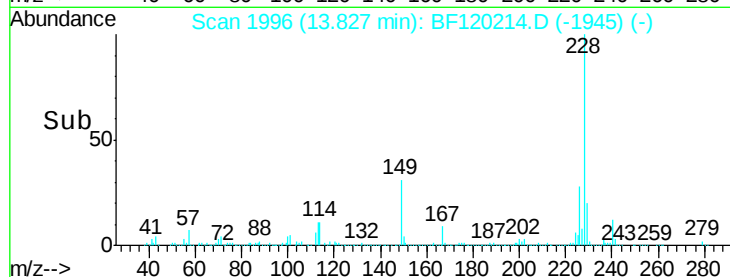
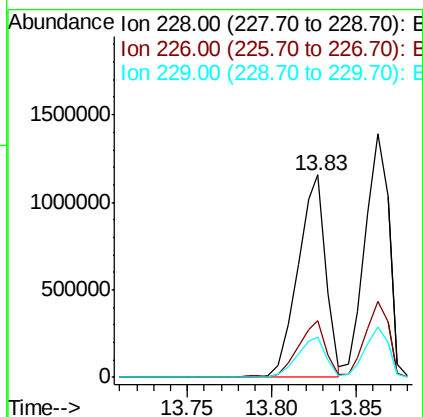
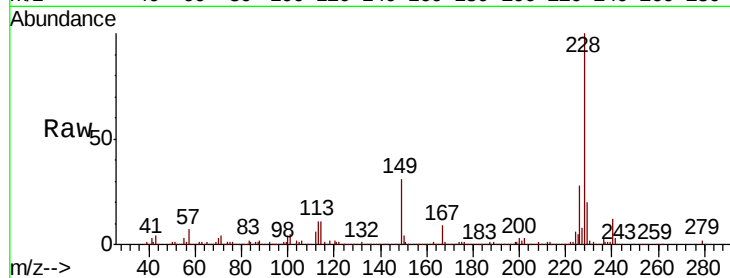
ClientSampleId :

RBR-200010MS

Tot Ion:	228	Resp:	1318735
Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	19.9	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 42.878 ng

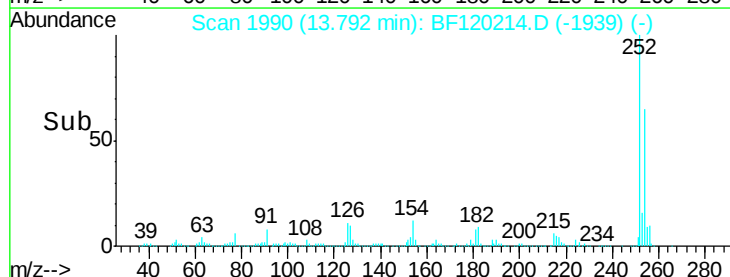
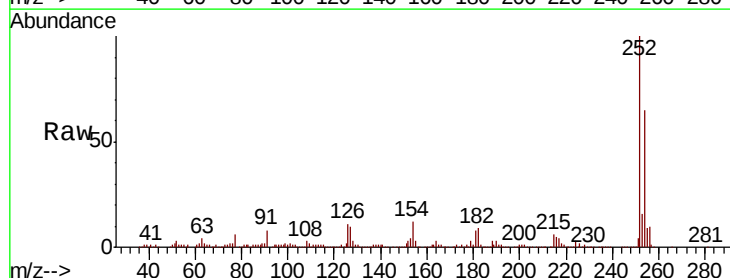
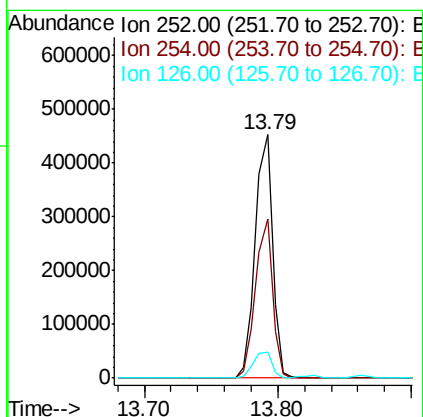
RT: 13.79 min Scan# 1990

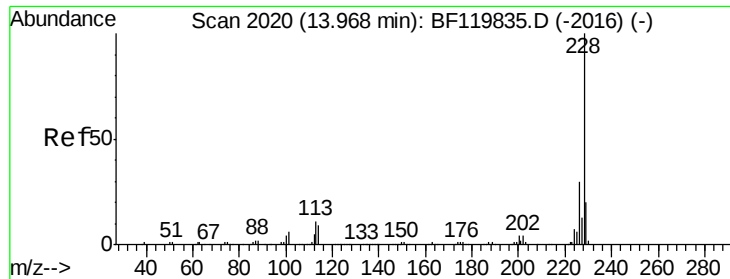
Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	252	Resp:	403334
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.2	76.8
126	10.7	9.6	14.4





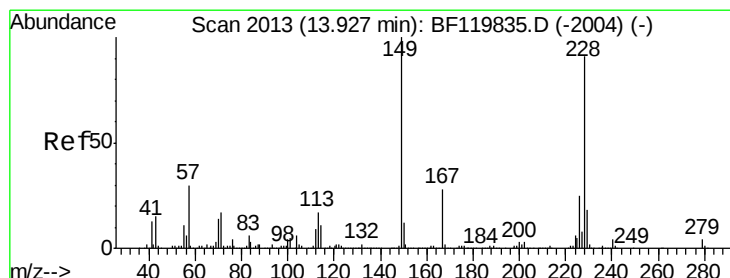
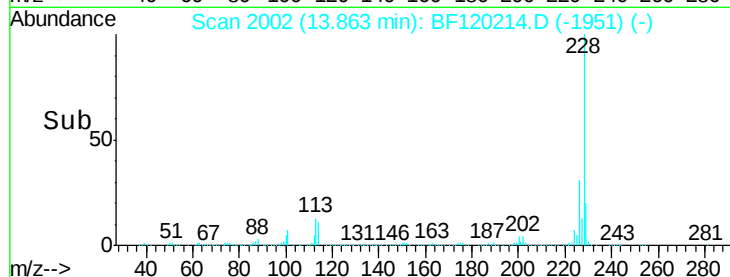
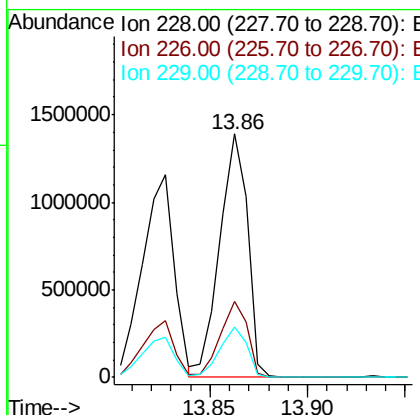
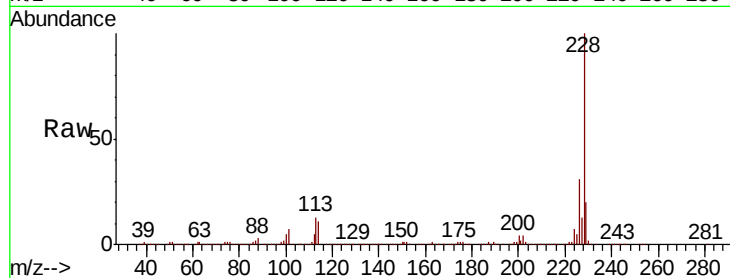
#83
Chrvsene
Concen: 53.636 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion:228 Resp: 1373957
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.0
229 20.5 16.6 24.8

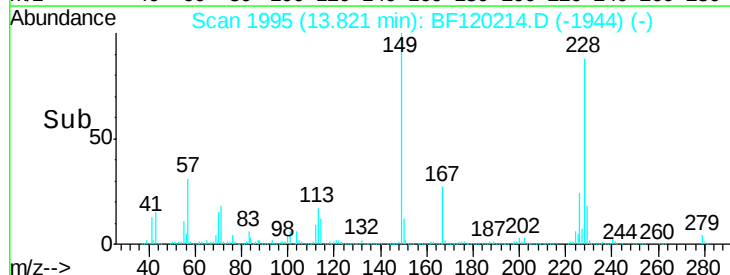
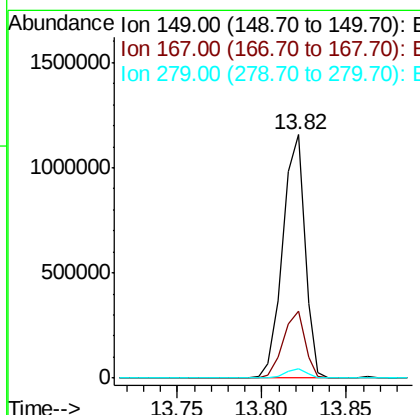
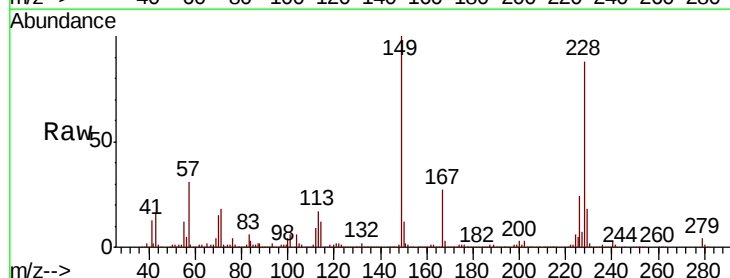
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.265 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion:149 Resp: 1045812
Ion Ratio Lower Upper
149 100
167 27.3 21.3 31.9
279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 47.266 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

ClientSampleId :

RBR-200010MS

Tot Ion:149 Resp: 1708437

Ion Ratio Lower Upper

149 100

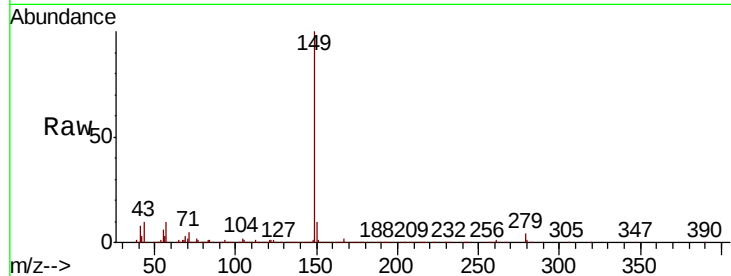
167 1.6 1.2 1.8

43 10.9 9.3 13.9

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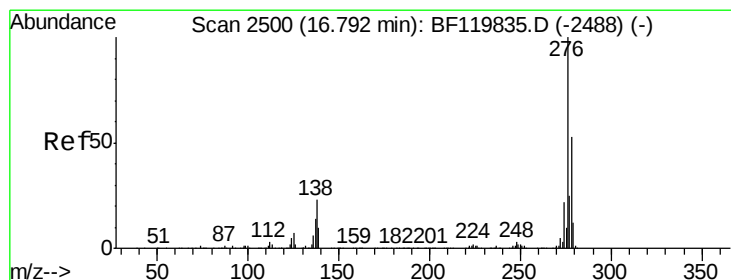
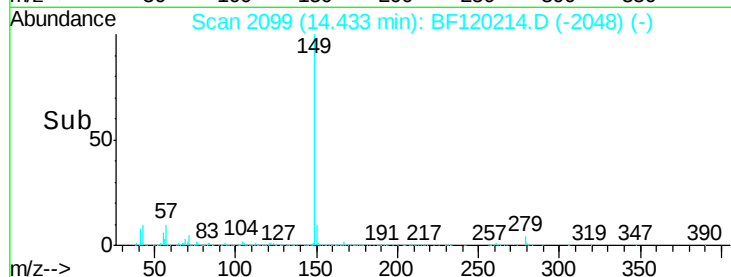
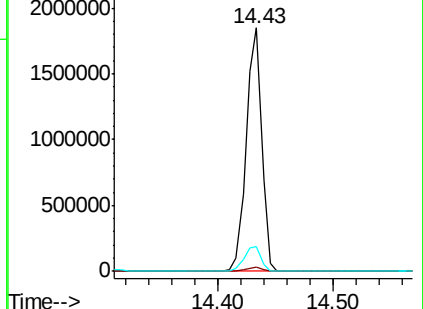
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.050 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:276 Resp: 1220478

Ion Ratio Lower Upper

276 100

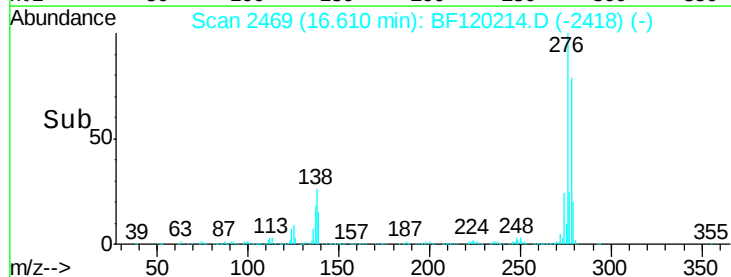
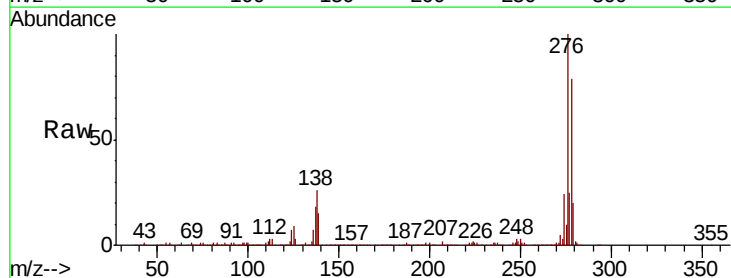
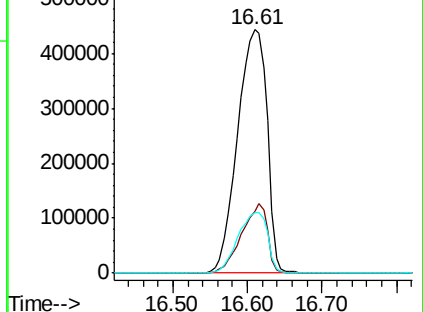
138 25.0 19.6 29.4

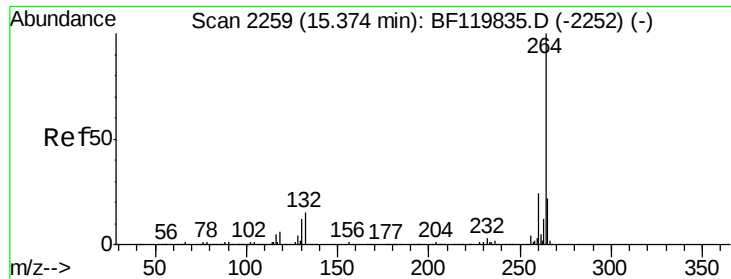
277 25.3 20.0 30.0

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Instrument :

BNA_F

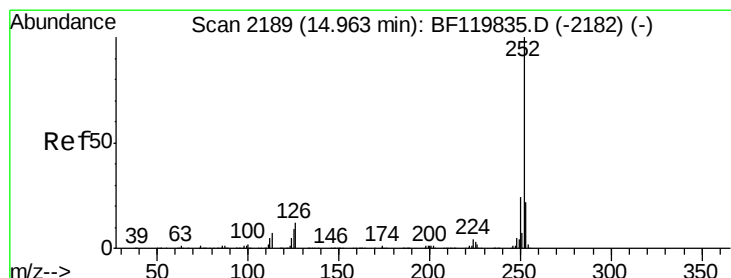
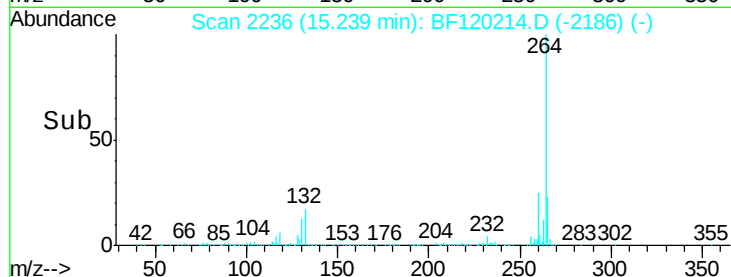
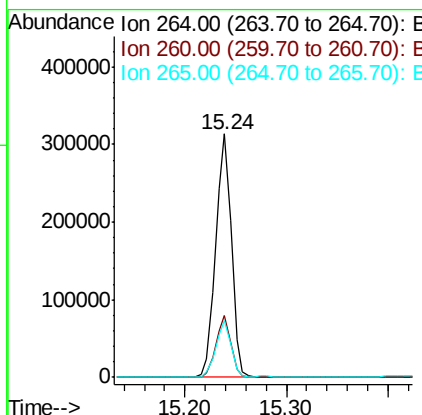
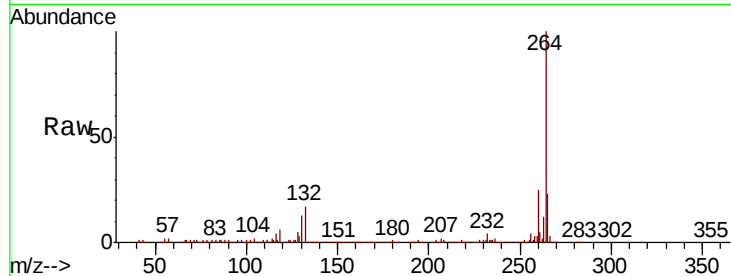
ClientSampleId :

RBR-200010MS

Tot Ion:	264	Resp:	338844
Ion Ratio	Lower	Upper	
264	100		
260	25.3	18.7	28.1
265	23.1	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 50.190 ng

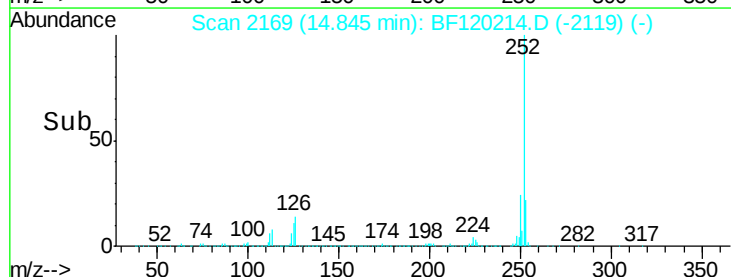
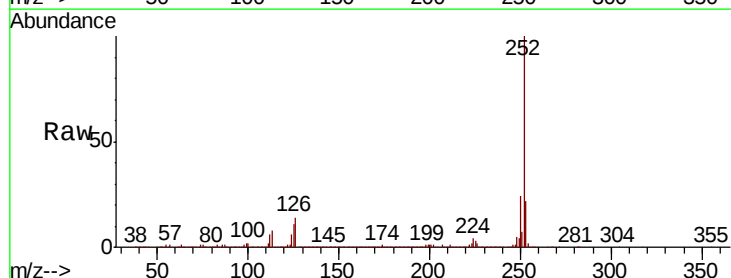
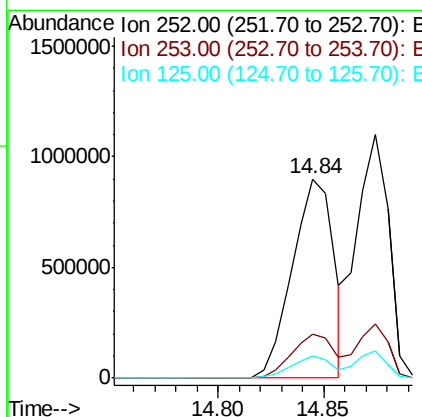
RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF120214.D

Acq: 27 Apr 2020 13:07

Tgt Ion:	252	Resp:	1223406
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	11.2	7.9	11.9





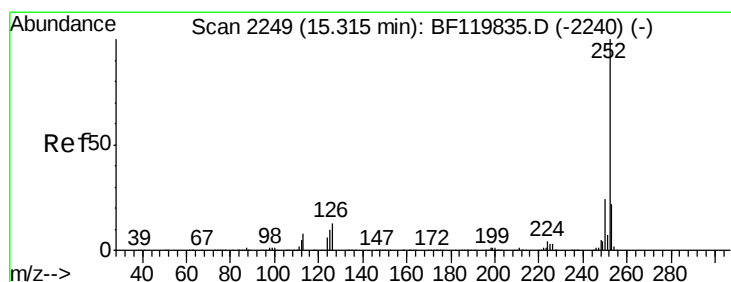
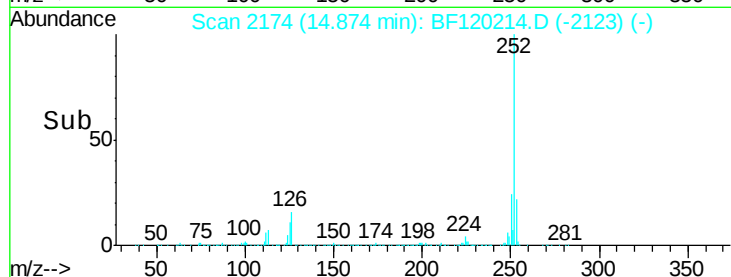
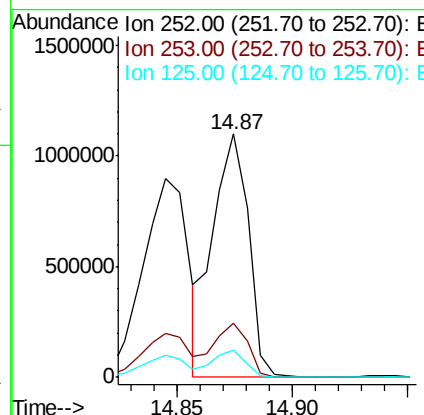
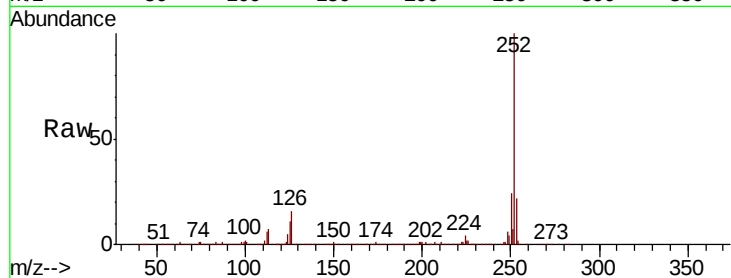
#89
Benzo(k)fluoranthene
Concen: 55.264 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.2	8.4	12.6

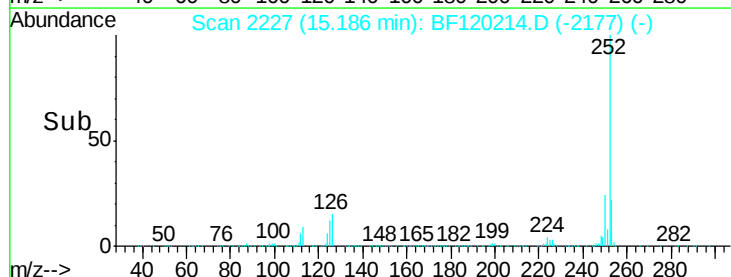
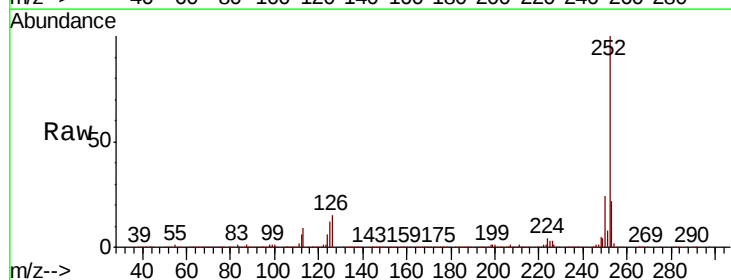
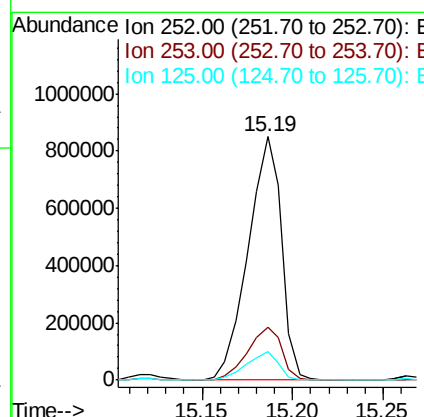
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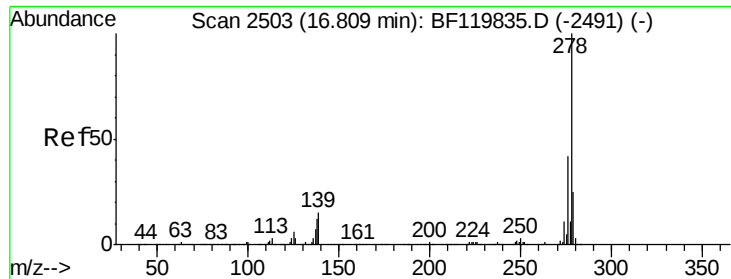
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#90
Benzo(a)pyrene
Concen: 52.906 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	11.8	9.4	14.2





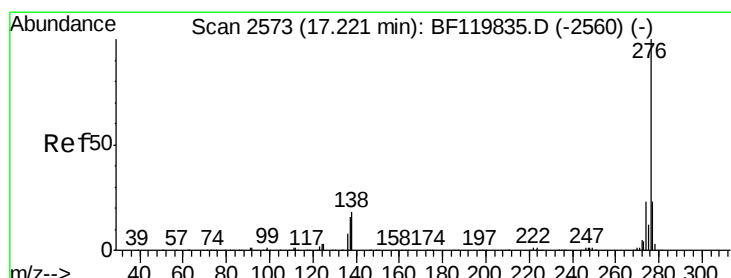
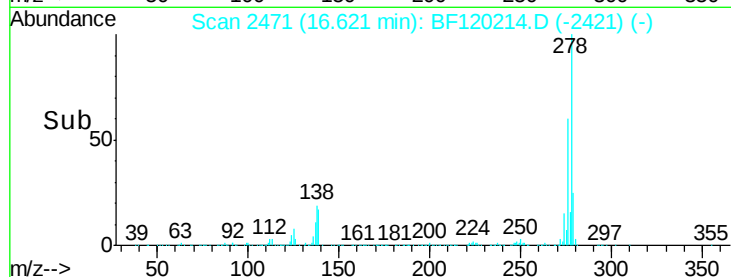
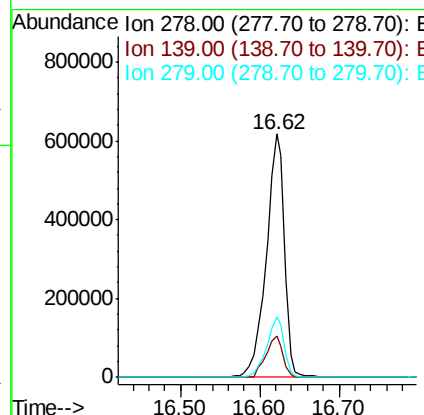
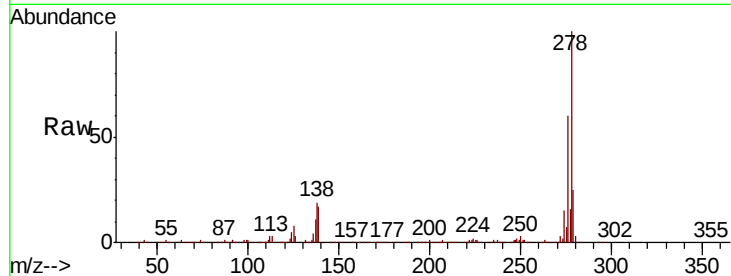
#91
Dibenzo(a,h)anthracene
Concen: 54.886 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Instrument :
BNA_F
ClientSampleId :
RBR-200010MS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	16.9	12.6	19.0	
279	24.7	19.0	28.6	

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#92
Benzo(g,h,i)perylene
Concen: 54.669 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF120214.D
Acq: 27 Apr 2020 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	18.4	27.6	
138	20.4	15.4	23.0	

