

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120215.D
 Acq On : 27 Apr 2020 13:34
 Operator : MA/SJ
 Sample : L2407-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Manual Integrations
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 4/28/2020 11:08:30 PM

Quant Time: Apr 27 14:09:57 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	166474	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	646518	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	334535	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	633071	20.00	ng	0.00
76) Chrysene-d12	13.84	240	413691	20.00	ng	0.00
87) Perylene-d12	15.24	264	367810	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	927285	96.26	ng	0.00
7) Phenol-d6	6.33	99	1172492	94.46	ng	0.00
23) Nitrobenzene-d5	7.24	82	747108	59.78	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	335941	82.02	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1484435	63.00	ng	0.00
79) Terphenyl-d14	12.78	244	1627648	66.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	185457	43.225	ng	99
3) Pyridine	3.03	79	513578	43.628	ng	94
4) n-Nitrosodimethylamine	3.00	42	296195	49.247	ng	98
6) Aniline	6.33	93	615382	37.773	ng	# 28
8) 2-Chlorophenol	6.46	128	591815	54.986	ng	99
9) Benzaldehyde	6.21	77	228179	31.078	ng	96
10) Phenol	6.34	94	750004	53.260	ng	95
11) bis(2-Chloroethyl)ether	6.41	93	563710	51.846	ng	100
12) 1,3-Dichlorobenzene	6.60	146	593704	50.385	ng	96
13) 1,4-Dichlorobenzene	6.69	146	603371	50.267	ng	99
14) 1,2-Dichlorobenzene	6.84	146	565027	51.078	ng	98
15) Benzyl Alcohol	6.82	79	474919	49.262	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	918458	43.410	ng	51
17) 2-Methylphenol	6.95	107	465590	48.473	ng	# 89
18) Hexachloroethane	7.17	117	227498	50.714	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	399154	50.008	ng	99
20) 3+4-Methylphenols	7.10	107	603351	51.360	ng	# 84
22) Acetophenone	7.09	105	794774	52.497	ng	99
24) Nitrobenzene	7.26	77	615462	48.957	ng	99
25) Isophorone	7.50	82	1130857	46.942	ng	99
26) 2-Nitrophenol	7.57	139	321672	51.215	ng	89
27) 2,4-Dimethylphenol	7.62	122	501373	52.929	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	706572	49.843	ng	98
29) 2,4-Dichlorophenol	7.82	162	484394	49.888	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	522090	47.455	ng	99
31) Naphthalene	7.97	128	1673770	49.207	ng	99
32) Benzoic acid	7.79	122	377878	45.422	ng	94
33) 4-Chloroaniline	8.03	127	345330	23.320	ng	99
34) Hexachlorobutadiene	8.09	225	299013	45.403	ng	99
35) Caprolactam	8.42	113	146812m	49.430	ng	
36) 4-Chloro-3-methylphenol	8.53	107	539504	51.321	ng	96
37) 2-Methylnaphthalene	8.67	142	1123739	48.728	ng	99
38) 1-Methylnaphthalene	8.77	142	1066060	49.045	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	498831	47.211	ng	99

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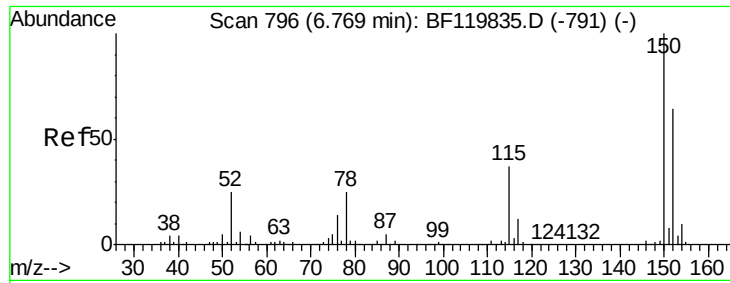
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	476777	79.354	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	360564	49.417	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	373933	45.503	nq	97
46) 1,1'-Biphenyl	9.13	154	1357248	48.067	nq	99
47) 2-Chloronaphthalene	9.16	162	1061006	48.777	nq	98
48) 2-Nitroaniline	9.26	65	386641	49.050	nq	94
49) Acenaphthylene	9.57	152	1664523	50.317	nq	97
50) Dimethylphthalate	9.45	163	1476196	57.049	nq	100
51) 2,6-Dinitrotoluene	9.51	165	284682	50.241	nq	92
52) Acenaphthene	9.75	154	1001503	45.385	nq	98
53) 3-Nitroaniline	9.67	138	185687	28.693	nq	90
54) 2,4-Dinitrophenol	9.79	184	307813	90.735	nq	96
55) Dibenzofuran	9.92	168	1467906	48.475	nq	100
56) 4-Nitrophenol	9.87	139	417236	86.651	nq	99
57) 2,4-Dinitrotoluene	9.92	165	363111	48.638	nq	# 92
58) Fluorene	10.26	166	1175447	48.537	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	322775	51.355	nq	98
60) Diethylphthalate	10.15	149	1299089	48.440	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	558787	45.019	nq	100
62) 4-Nitroaniline	10.30	138	292822	47.479	nq	95
63) Azobenzene	10.42	77	1217689	50.664	nq	96
65) 4,6-Dinitro-2-methylphenol	10.33	198	207619	49.780	nq	99
66) n-Nitrosodiphenylamine	10.37	169	1088632	51.706	nq	100
67) 4-Bromophenyl-phenylether	10.74	248	356165	45.239	nq	97
68) Hexachlorobenzene	10.81	284	379687	47.540	nq	93
69) Atrazine	10.91	200	321412	54.868	nq	99
70) Pentachlorophenol	11.01	266	354933	77.116	nq	98
71) Phenanthrene	11.22	178	1707230	50.671	nq	99
72) Anthracene	11.27	178	1774457	51.554	nq	98
73) Carbazole	11.43	167	1619976	49.770	nq	98
74) Di-n-butylphthalate	11.76	149	2038053	47.630	nq	100
75) Fluoranthene	12.41	202	1896583	52.170	nq	98
77) Benzidine	12.53	184	989985	70.794	nq	98
78) Pyrene	12.64	202	1878826	53.873	nq	98
80) Butylbenzylphthalate	13.26	149	828479	48.957	nq	96
81) Benzo(a)anthracene	13.83	228	1393278	51.195	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	441902	43.517	nq	98
83) Chrysene	13.86	228	1416683	51.231	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1113210	48.577	nq	99
85) Di-n-octyl phthalate	14.43	149	1809040	46.363	nq	98
86) Indeno(1,2,3-cd)pyrene	16.61	276	1291008	52.962	nq	99
88) Benzo(b)fluoranthene	14.85	252	1415901	53.512	nq	100
89) Benzo(k)fluoranthene	14.87	252	1085473	47.547	nq	98
90) Benzo(a)pyrene	15.19	252	1140360	51.259	nq	99
91) Dibenzo(a,h)anthracene	16.63	278	1060786	53.830	nq	99
92) Benzo(g,h,i)perylene	17.02	276	1078237	55.431	nq	99

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



#1

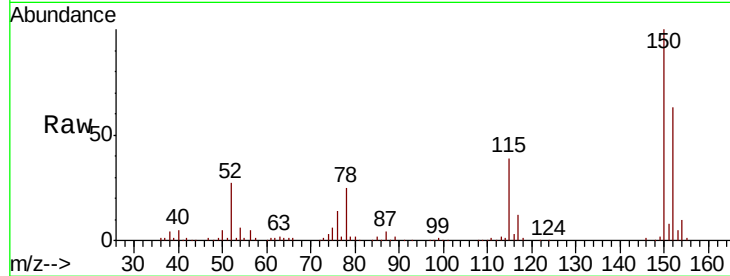
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.5	186.7
115	62.1	49.6	74.4

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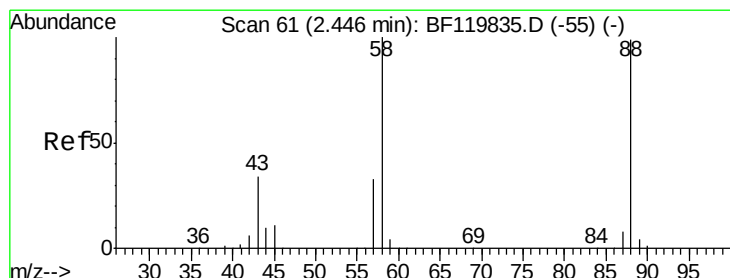
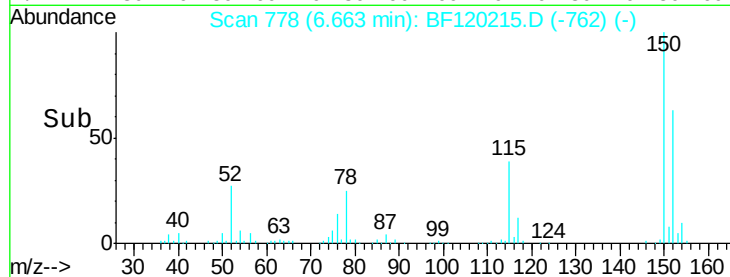
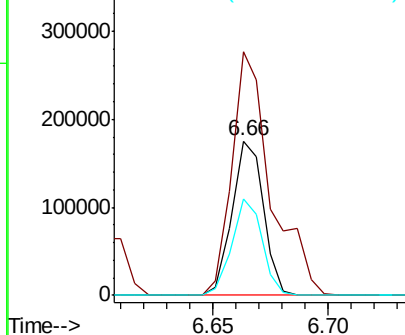


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

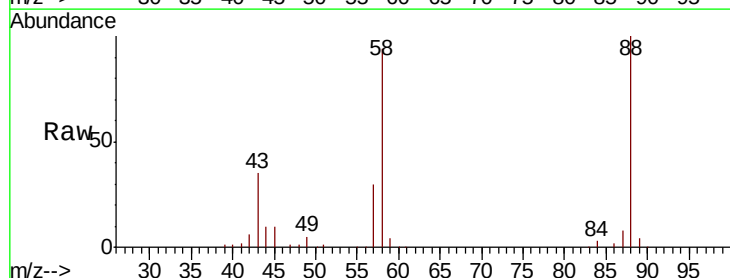
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.225 ng
RT: 2.36 min Scan# 46
Delta R.T. 0.08 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.3	80.6	121.0
43	35.0	27.5	41.3

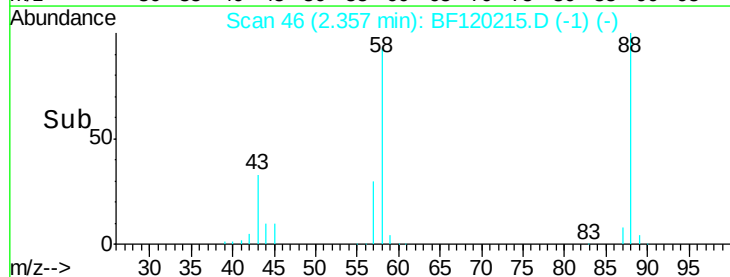
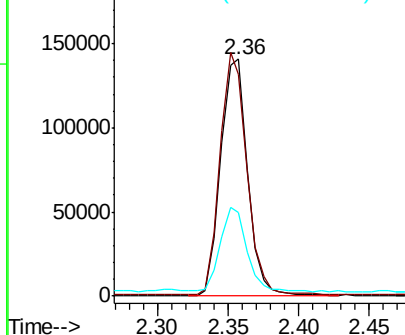


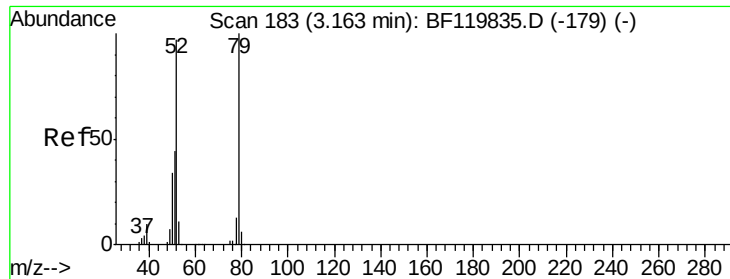
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





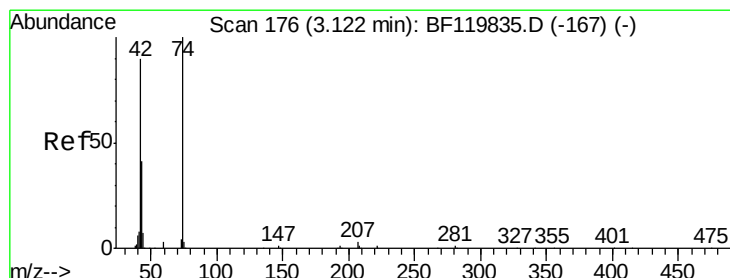
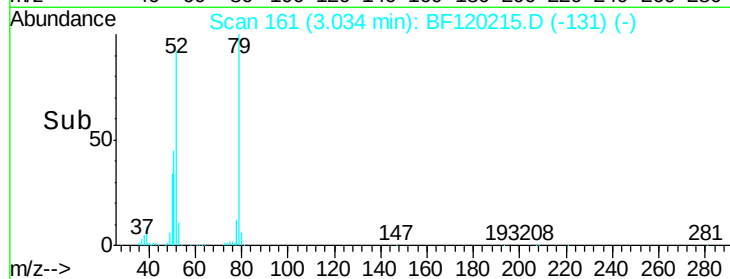
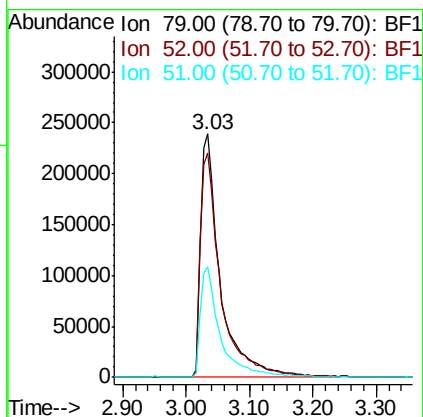
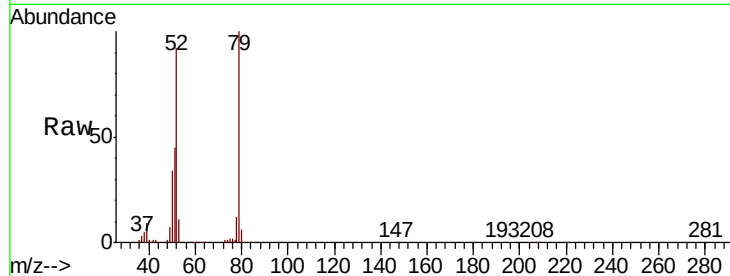
#3
 Pvridine
 Concen: 43.628 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.08 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.1	80.2	120.2
51	45.3	37.7	56.5

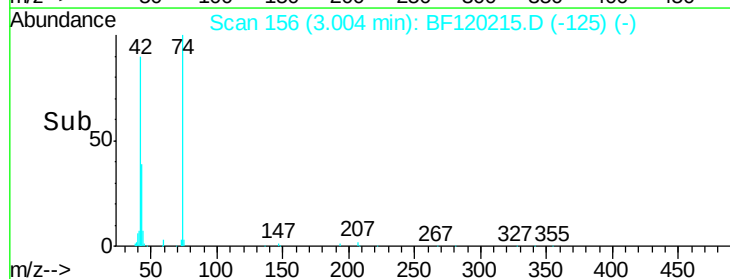
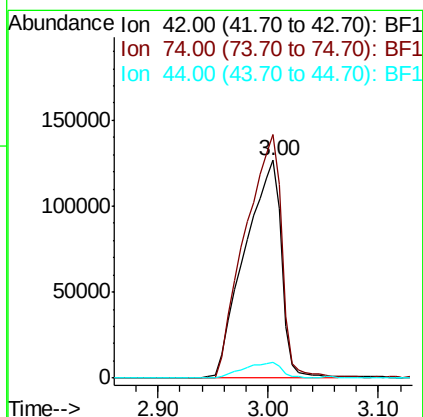
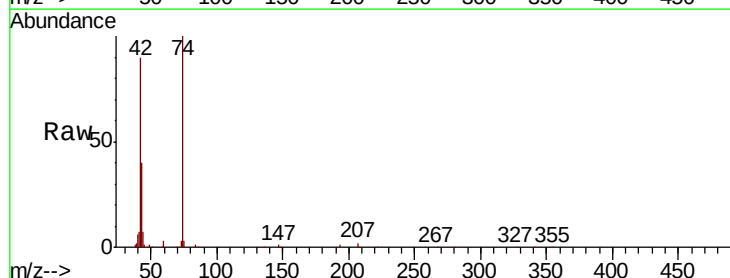
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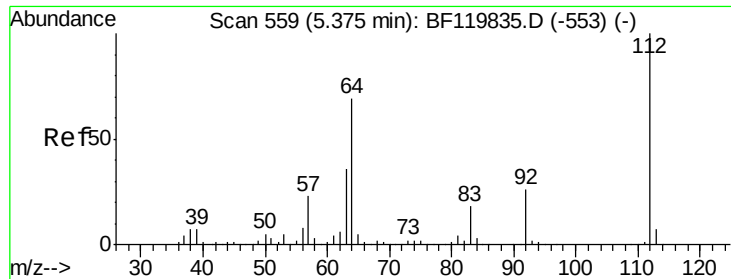
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#4
 n-Nitrosodimethylamine
 Concen: 49.247 ng
 RT: 3.00 min Scan# 156
 Delta R.T. 0.08 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.7	91.5	137.3
44	7.3	6.2	9.4





#5

2-Fluorophenol

Concen: 96.262 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

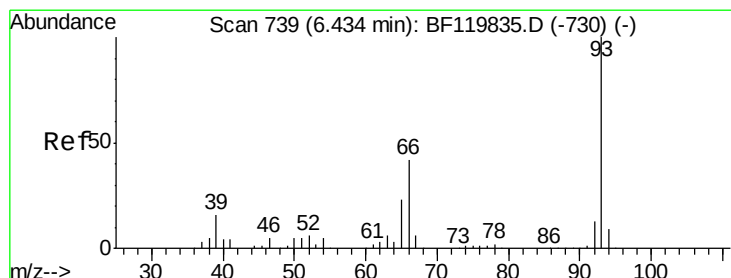
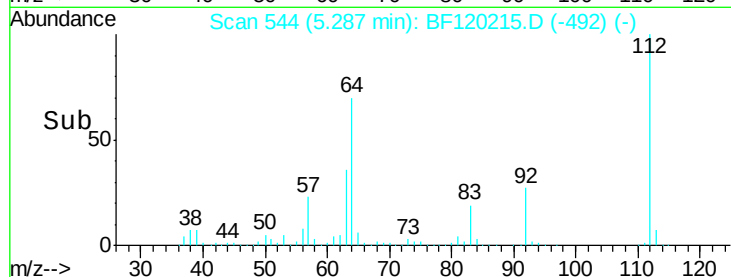
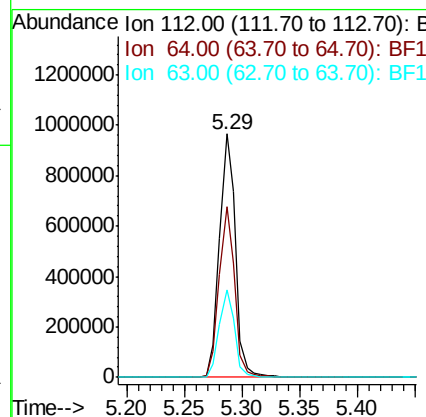
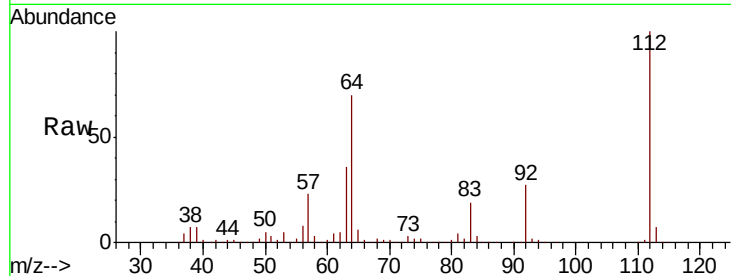
ClientSampleId :

RBR-200010MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		927285		
64	70.2	56.7	85.1		
63	36.0	29.5	44.3		

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#6

Aniline

Concen: 37.773 ng

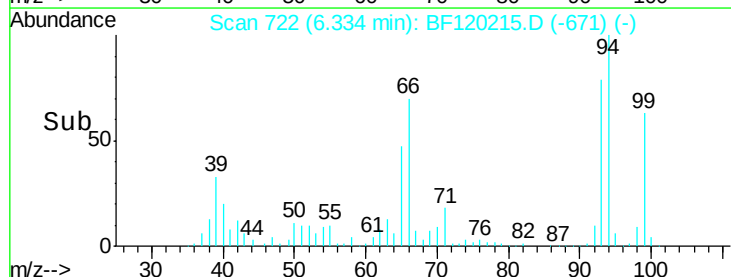
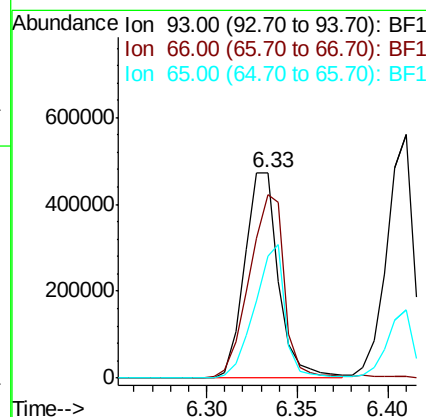
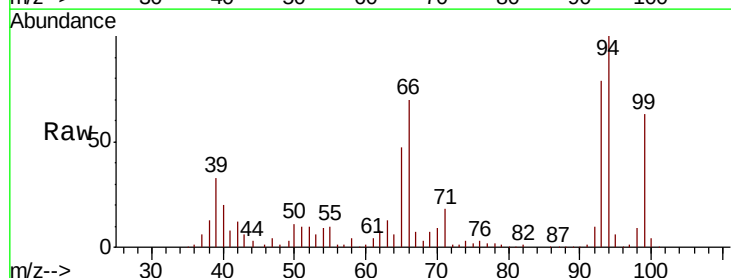
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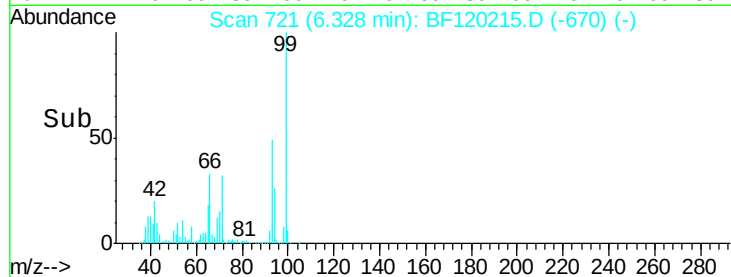
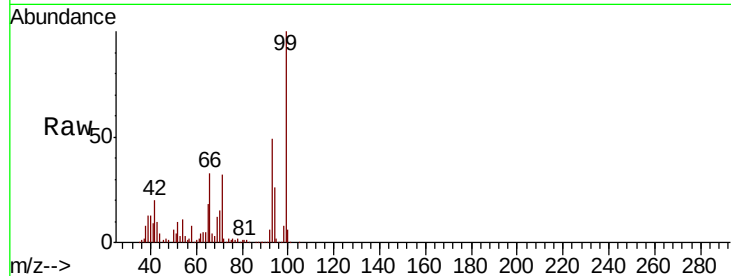
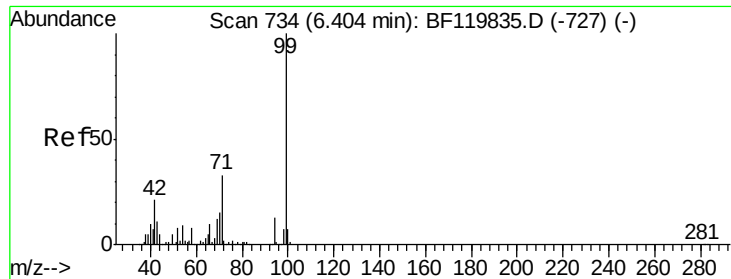
Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		615382		
66	89.4	34.9	52.3#		
65	59.1	18.6	27.8#		





#7

Phenol-d6

Concen: 94.461 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tot Ion: 99 Resp: 1172492

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 32.1 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

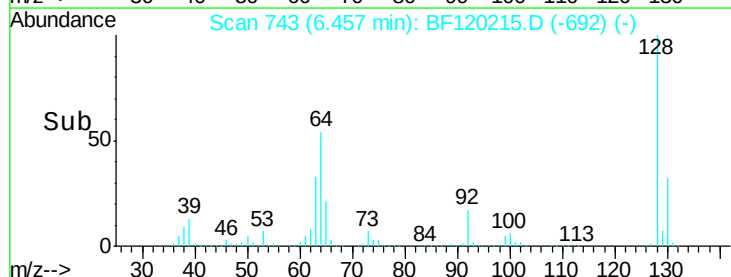
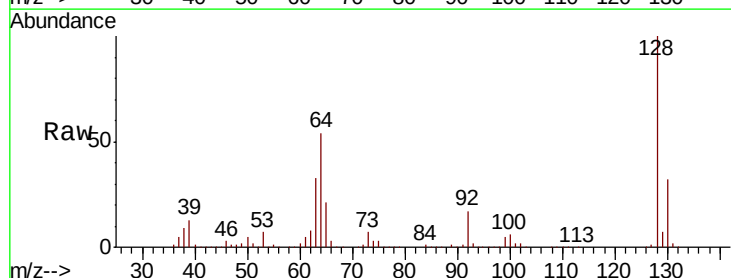
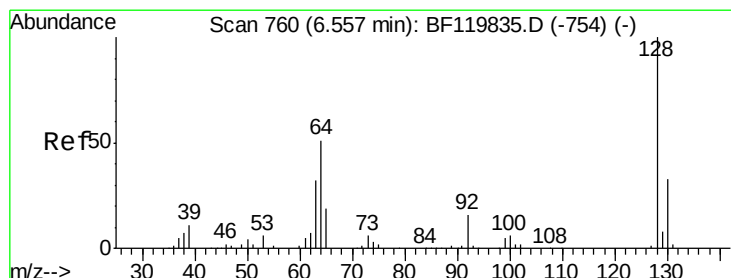
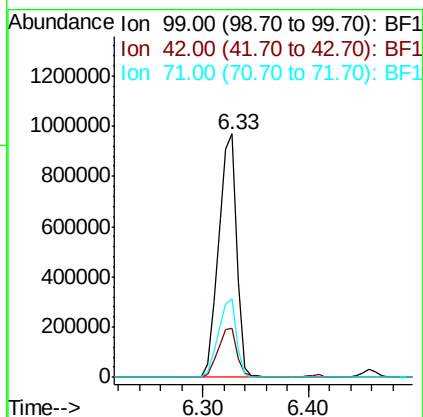
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#8

2-Chlorophenol

Concen: 54.986 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

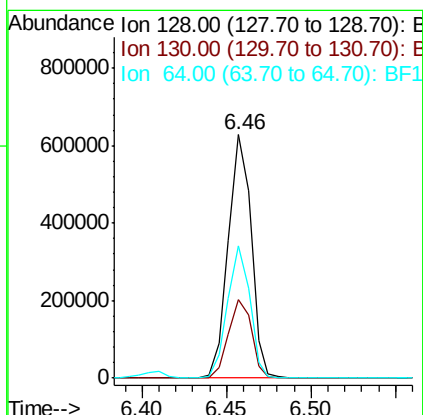
Tgt Ion:128 Resp: 591815

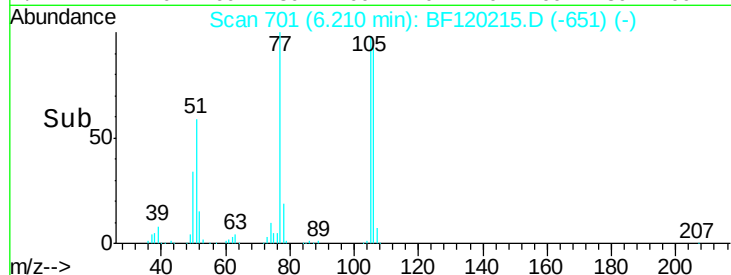
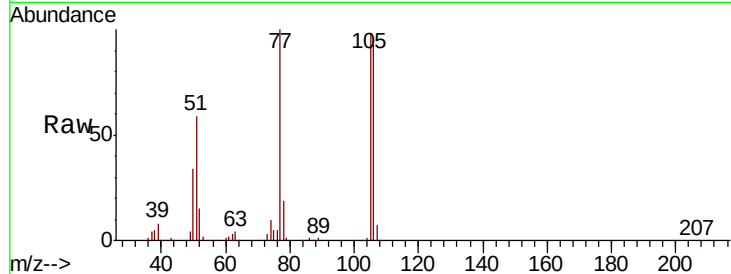
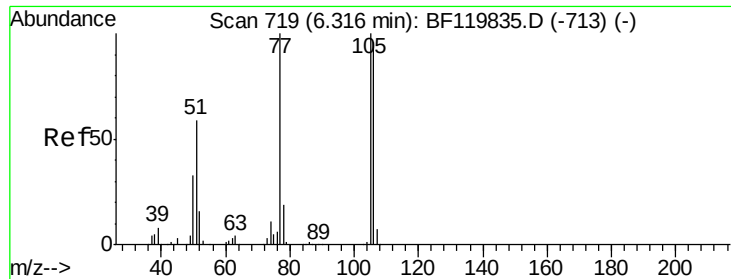
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 54.5 35.3 75.3





#9

Benzaldehyde

Concen: 31.078 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.3	80.9	120.9		
106	93.1	77.9	117.9		

Instrument :

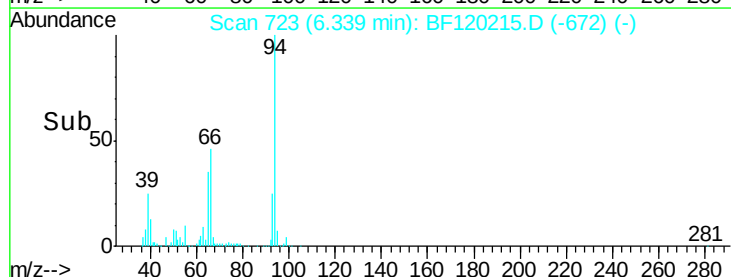
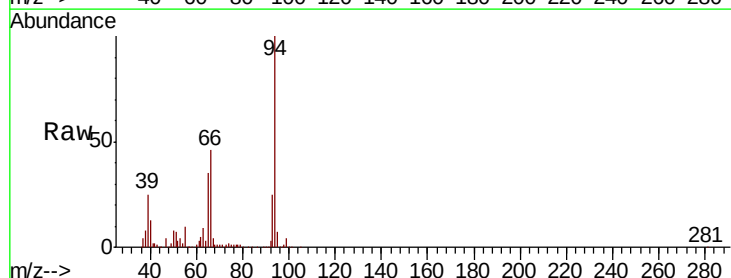
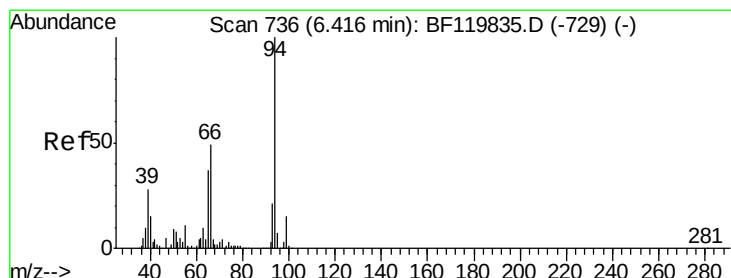
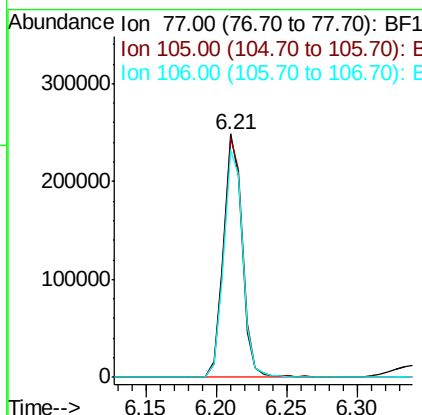
BNA_F

ClientSampleId :

RBR-200010MSD

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#10

Phenol

Concen: 53.260 ng

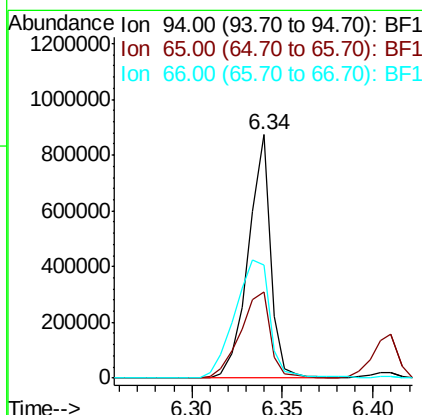
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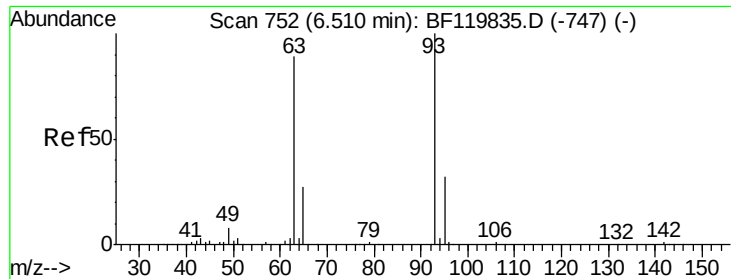
Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.2	13.2	53.2		
66	46.4	22.3	62.3		





#11

bis(2-Chloroethyl)ether

Concen: 51.846 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

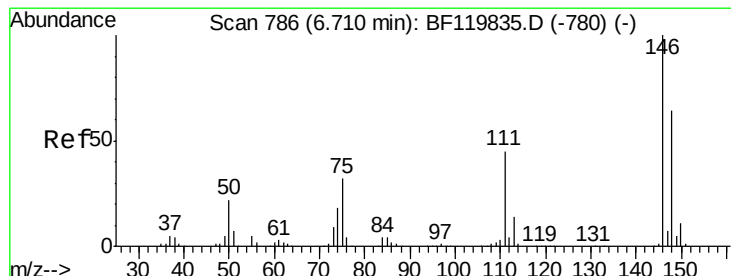
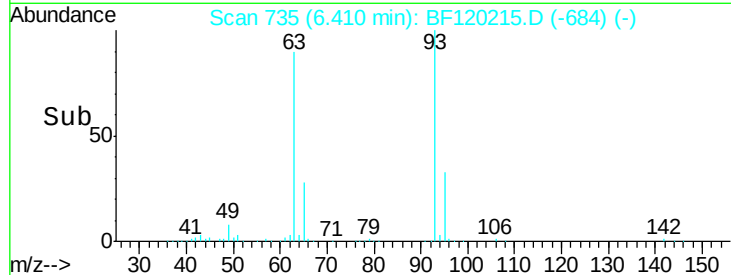
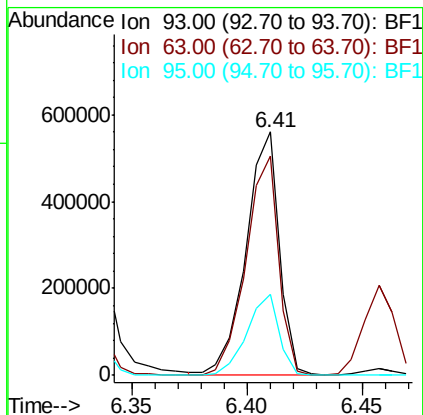
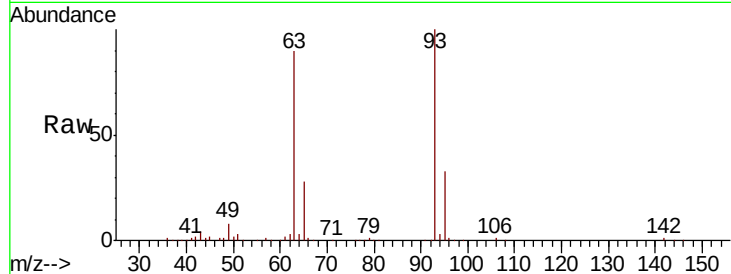
ClientSampleId :

RBR-200010MSD

Tot Ion:	93	Resp:	563710
Ion Ratio	Lower	Upper	
93	100		
63	89.9	70.2	110.2
95	33.4	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 50.385 ng

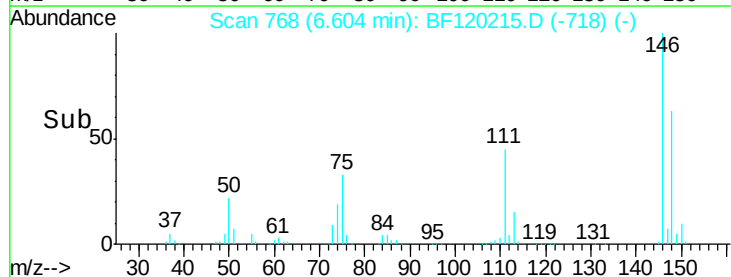
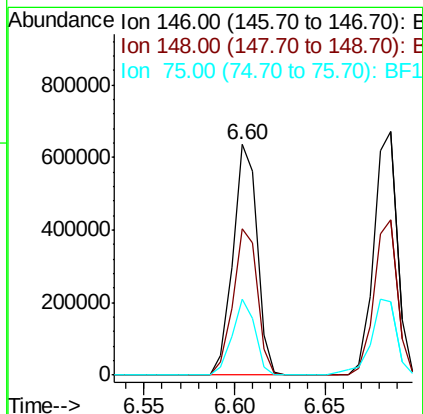
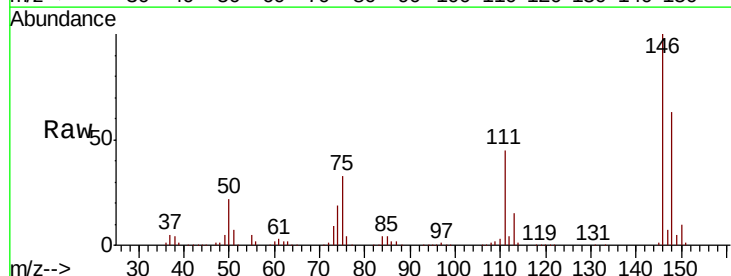
RT: 6.60 min Scan# 768

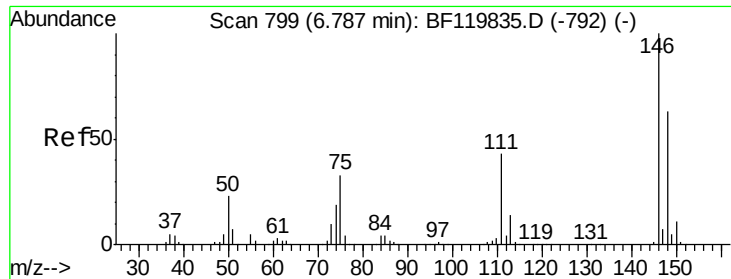
Delta R.T. -0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion:	146	Resp:	593704
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.4
75	33.2	23.0	34.4





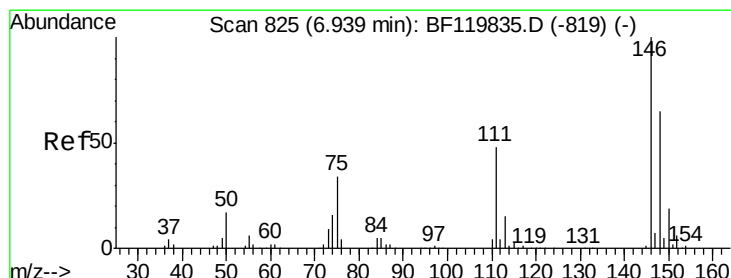
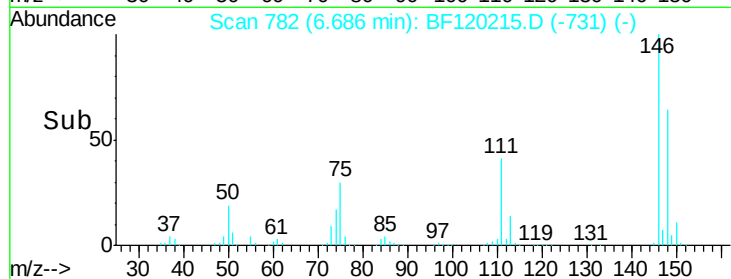
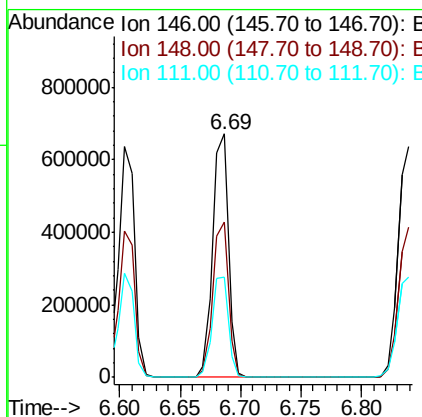
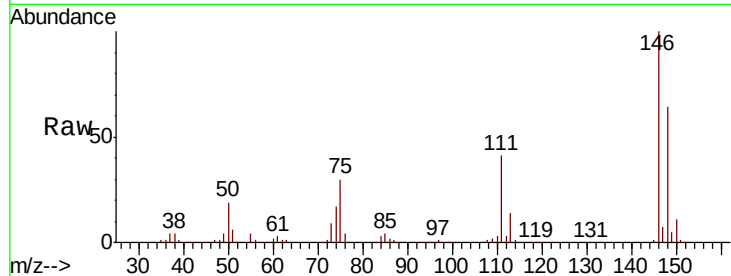
#13
 1,4-Dichlorobenzene
 Concen: 50.267 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	41.0	33.3	49.9

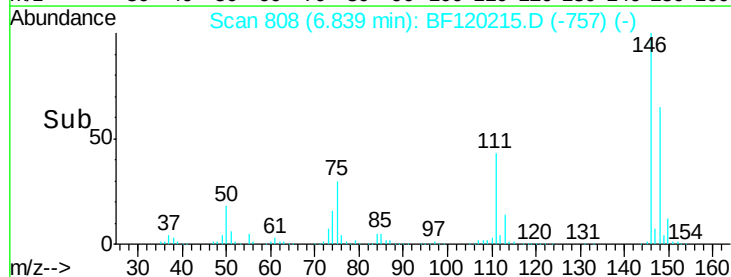
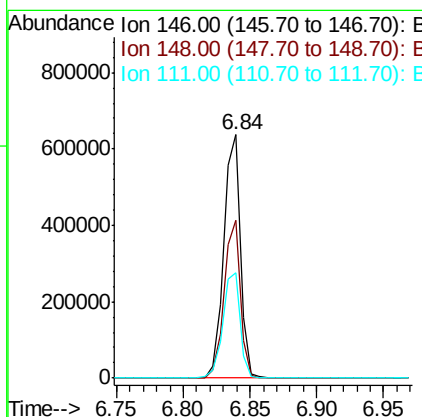
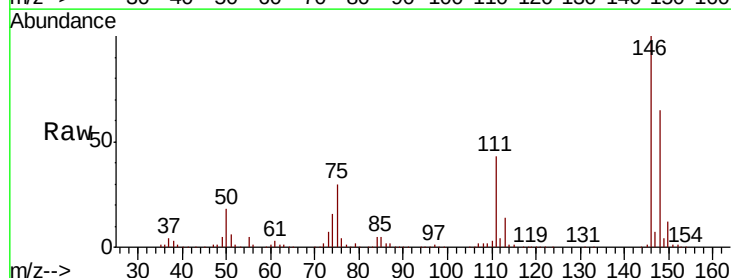
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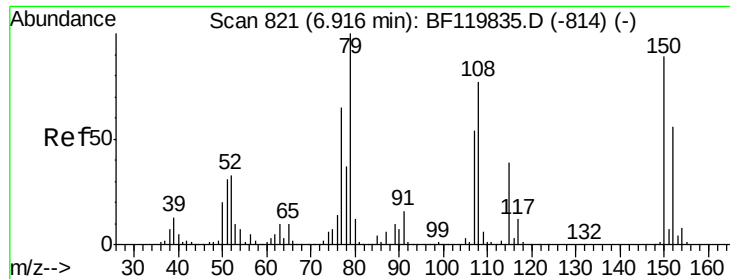
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#14
 1,2-Dichlorobenzene
 Concen: 51.078 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	43.2	36.1	54.1





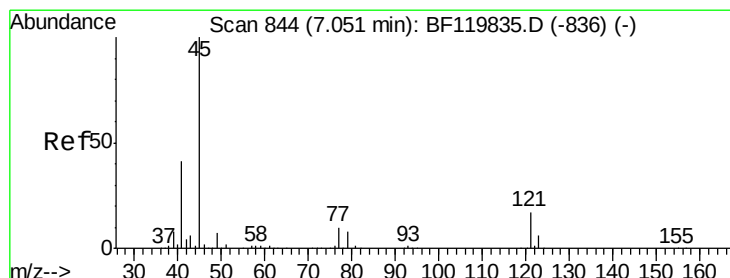
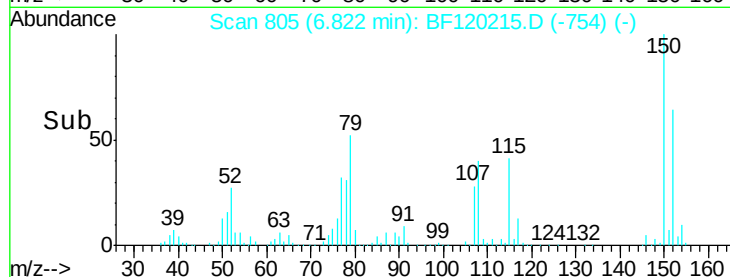
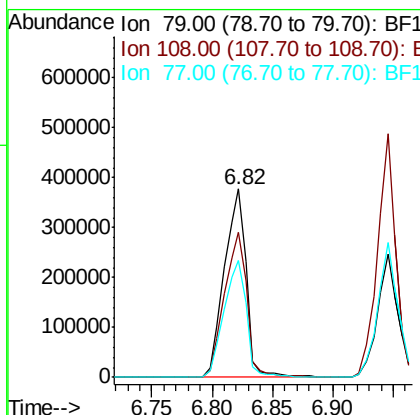
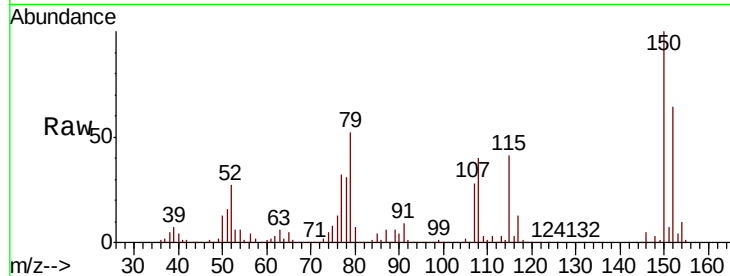
#15
Benzyl Alcohol
Concen: 49.262 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	60.6	90.8
77	61.8	50.2	75.2

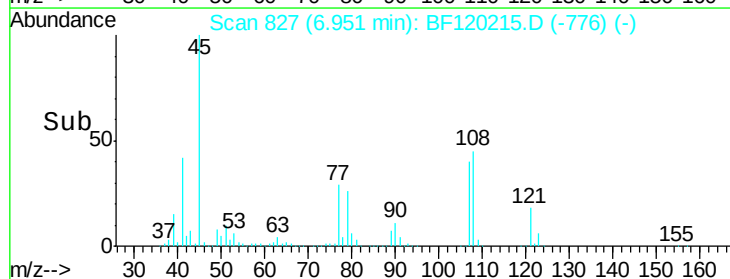
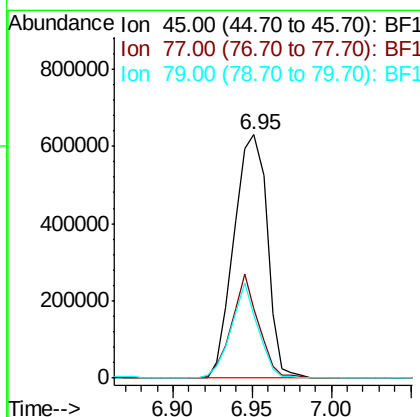
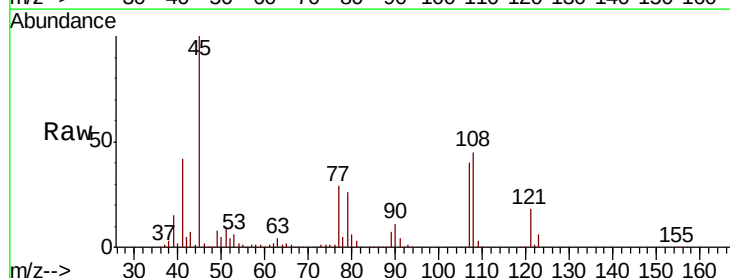
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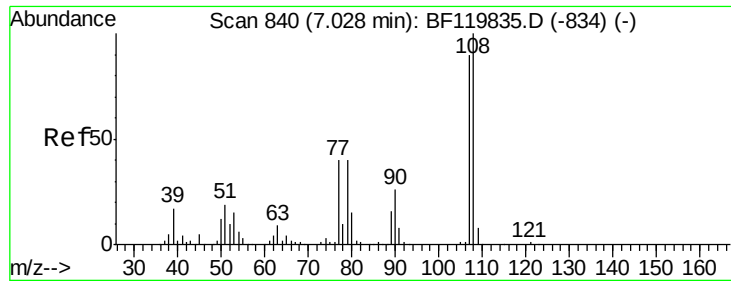
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.410 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.8	0.0	30.7
79	26.1	0.0	28.2





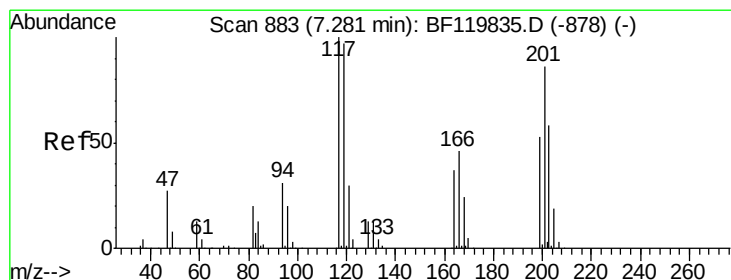
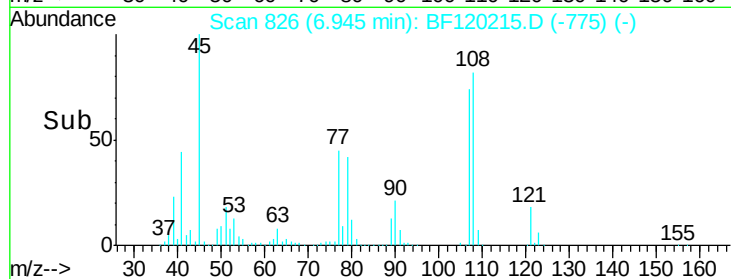
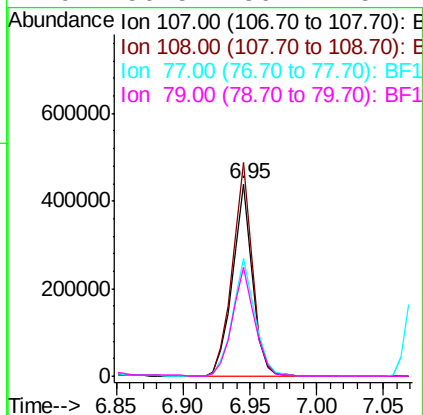
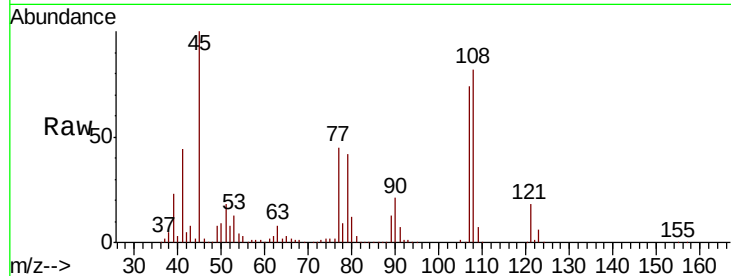
#17
2-Methylphenol
Concen: 48.473 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	465590		
108	111.3	92.2	138.4	
77	61.5	36.6	54.8#	
79	56.5	36.2	54.4#	

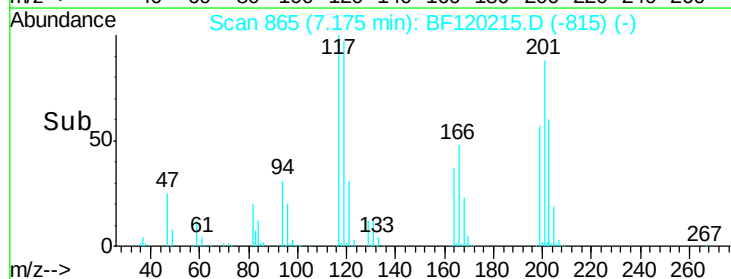
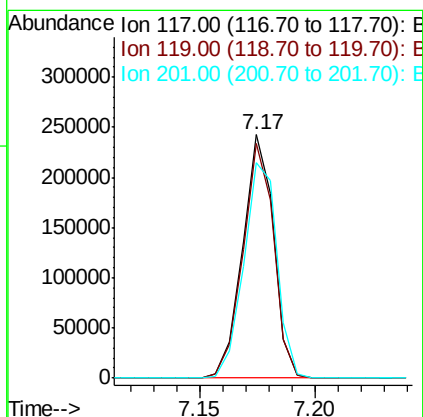
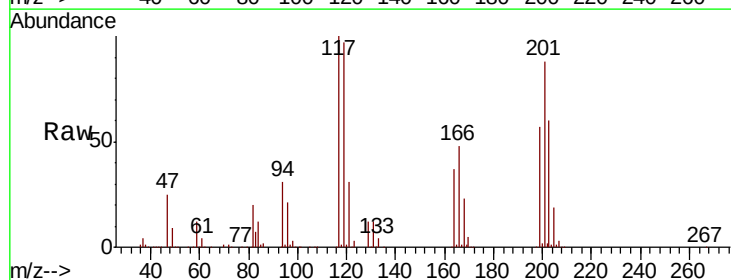
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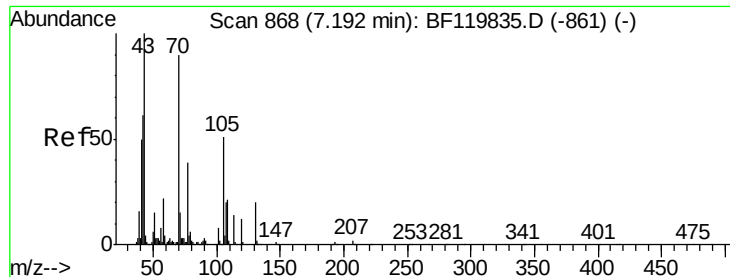
mohammad
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#18
Hexachloroethane
Concen: 50.714 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	227498		
119	96.6	76.1	114.1	
201	88.4	73.0	109.6	





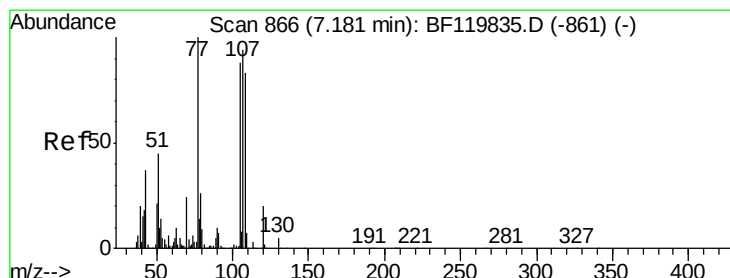
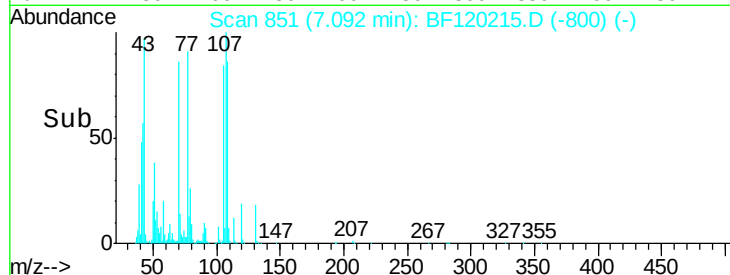
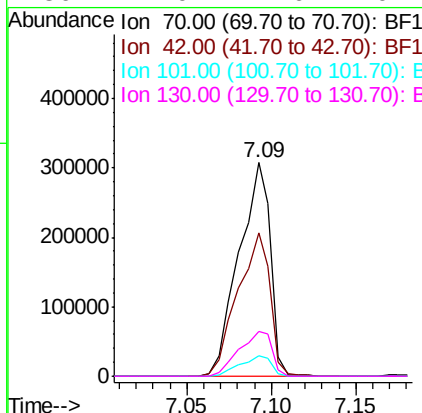
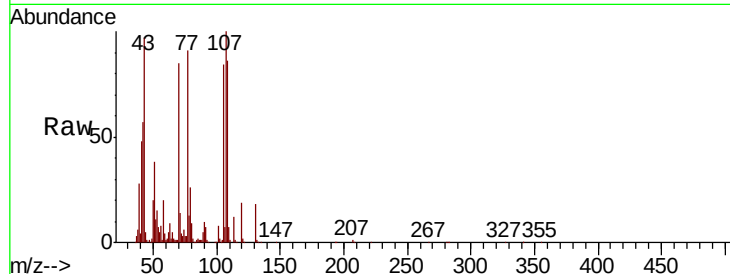
#19
n-Nitroso-di-n-propylamine
Concen: 50.008 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.1	54.5	81.7	
101	9.6	7.6	11.4	
130	21.0	17.6	26.4	

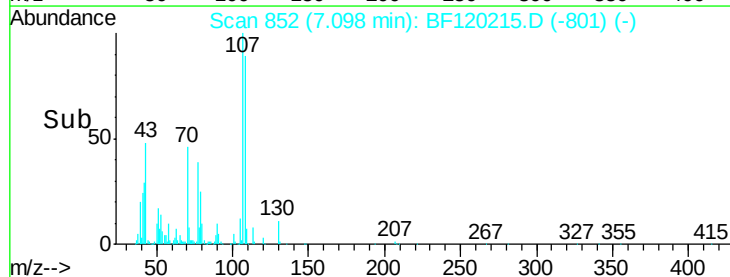
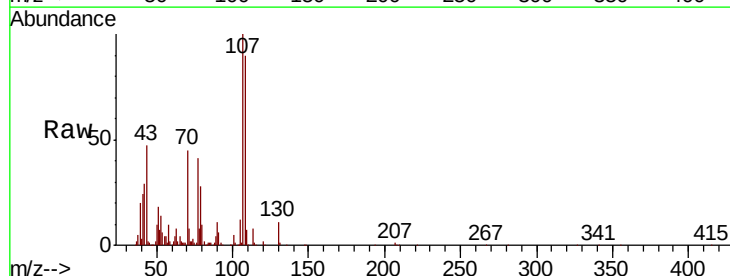
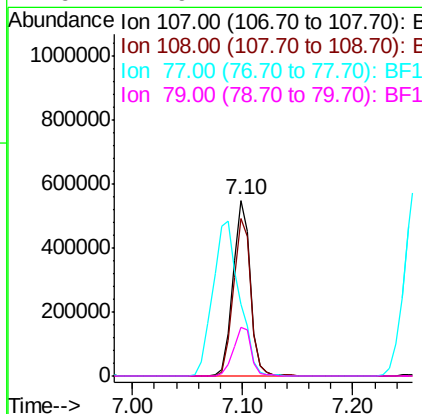
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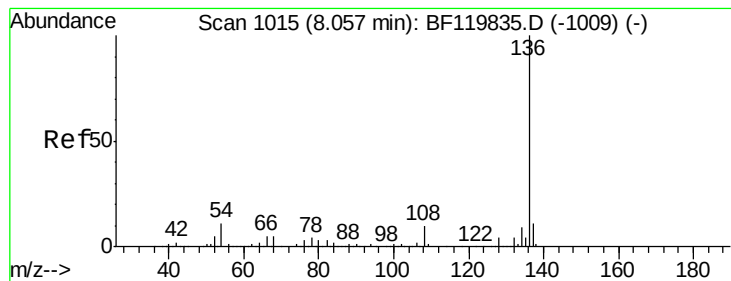
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#20
3+4-Methylphenols
Concen: 51.360 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	67.9	107.9	
77	40.7	52.9	92.9	
79	27.9	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: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

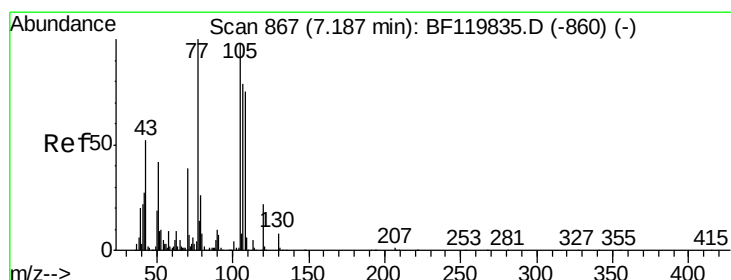
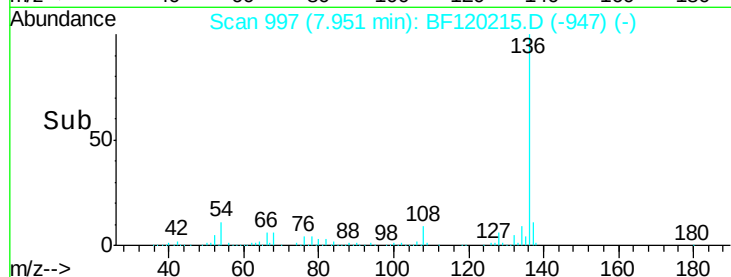
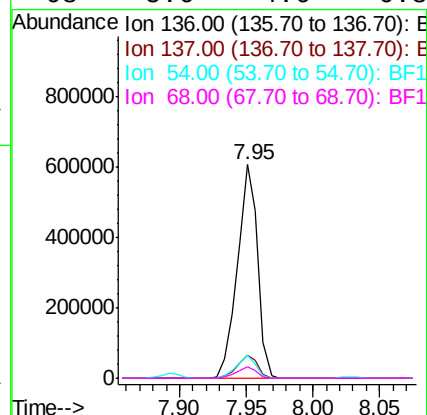
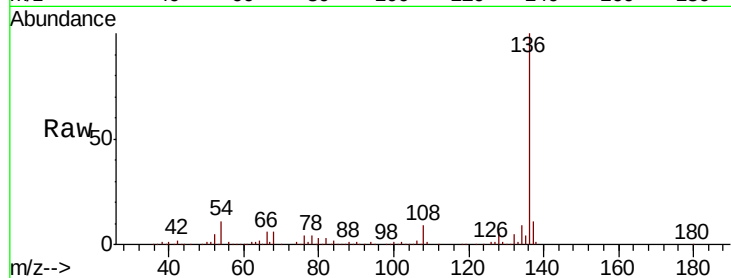
ClientSampleId :

RBR-200010MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		646518		
137	10.8		8.7	13.1	
54	10.7		9.1	13.7	
68	5.6		4.6	6.8	

Manual Integrations
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#22

Acetophenone

Concen: 52.497 ng

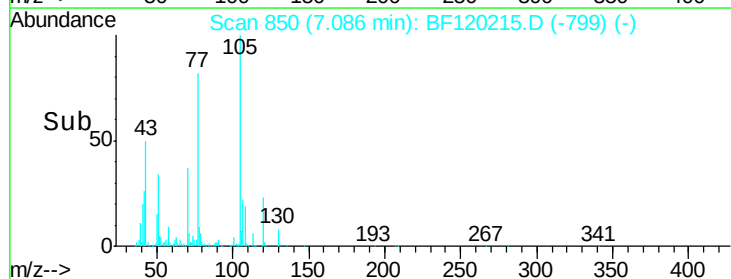
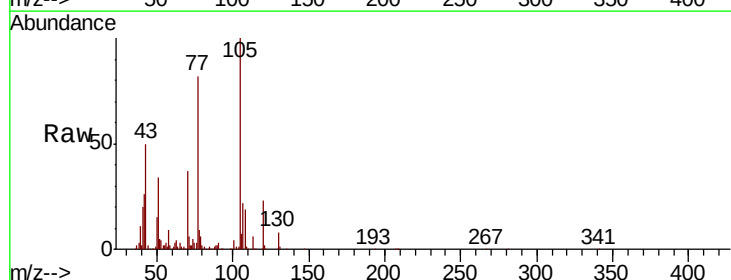
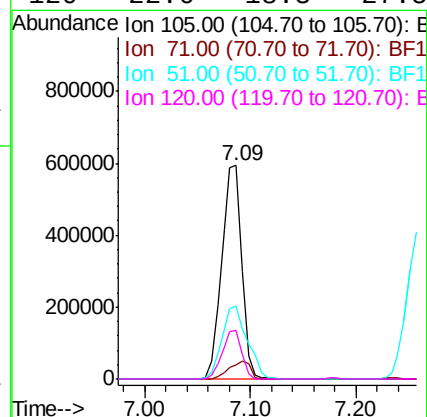
RT: 7.09 min Scan# 850

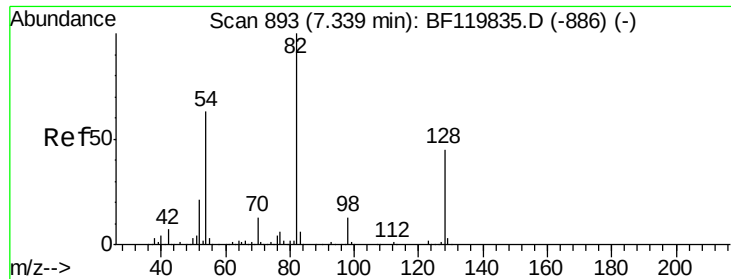
Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		794774		
71	6.4		5.7	8.5	
51	33.9		26.2	39.4	
120	22.6		18.3	27.5	





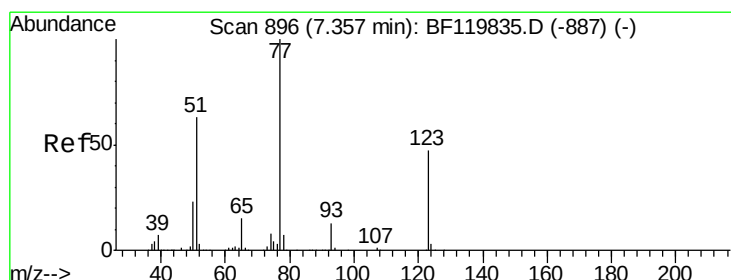
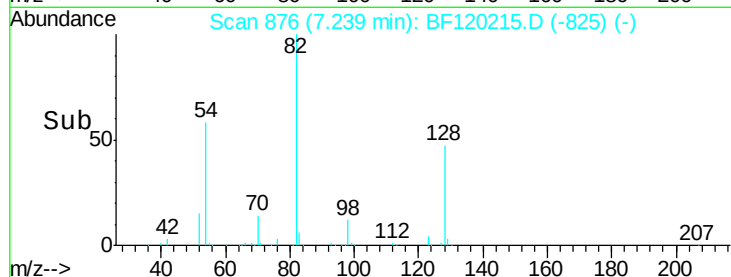
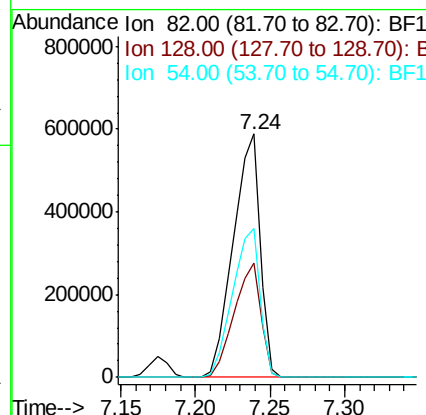
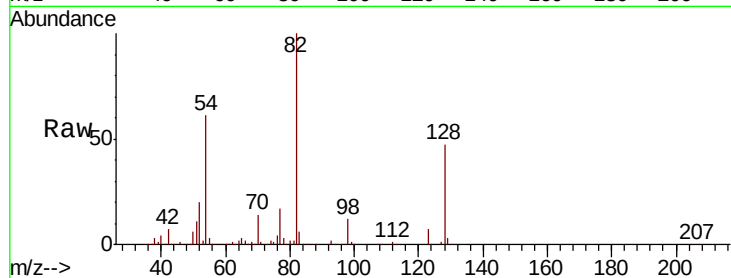
#23
 Nitrobenzene-d5
 Concen: 59.783 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	60.9	50.6	75.8

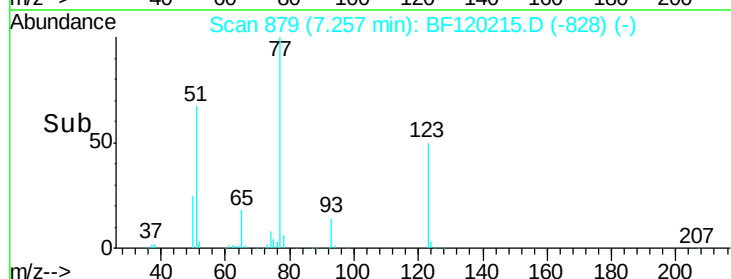
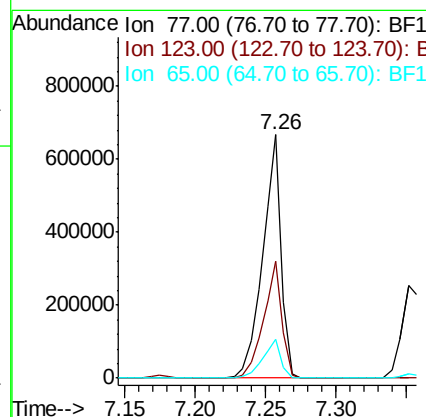
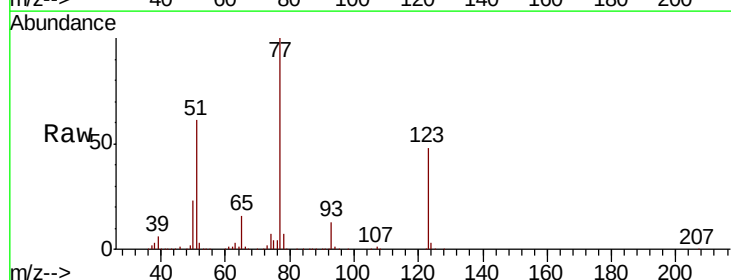
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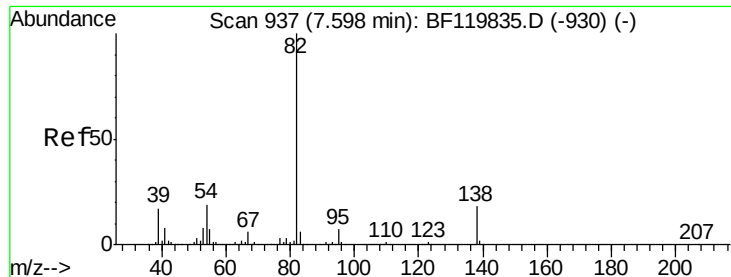
mohammad
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#24
 Nitrobenzene
 Concen: 48.957 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	38.0	57.0
65	15.7	12.6	18.8





#25

Isophorone

Concen: 46.942 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampled :

RBR-200010MSD

Tot Ion: 82 Resp: 1130857

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

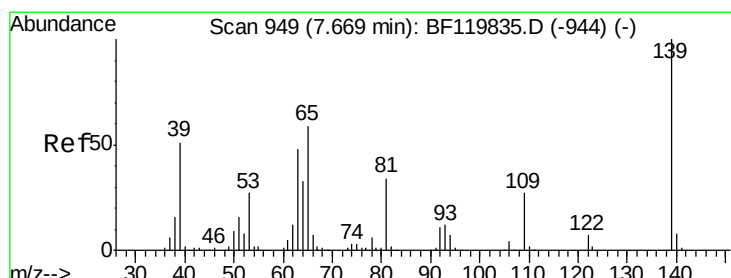
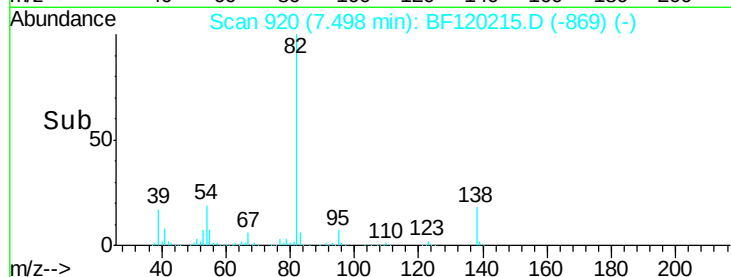
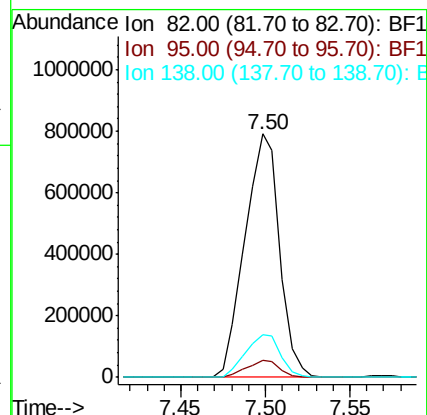
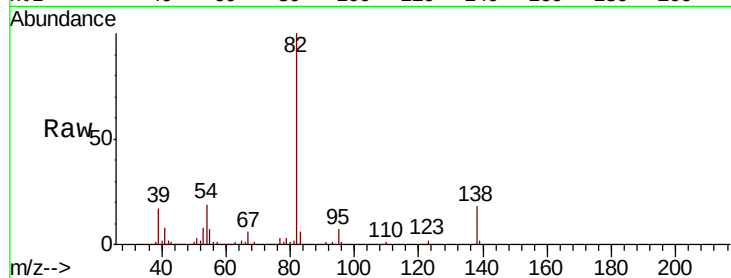
138 17.6 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.215 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

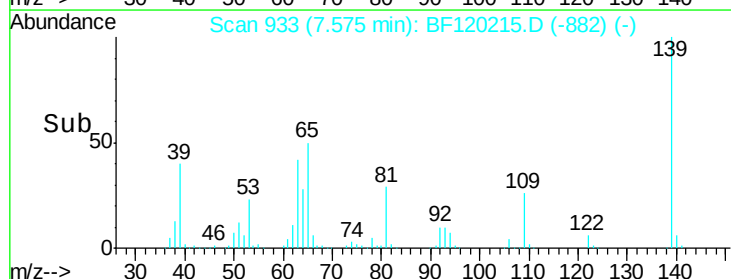
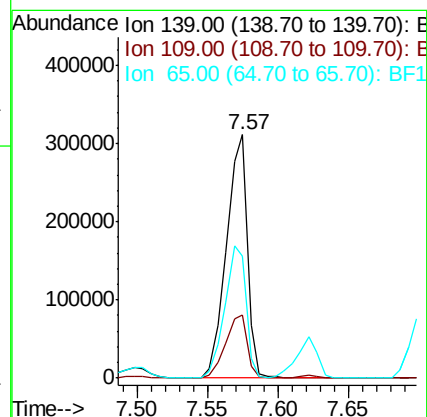
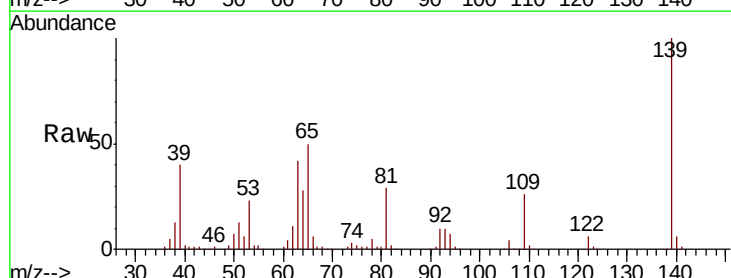
Tgt Ion: 139 Resp: 321672

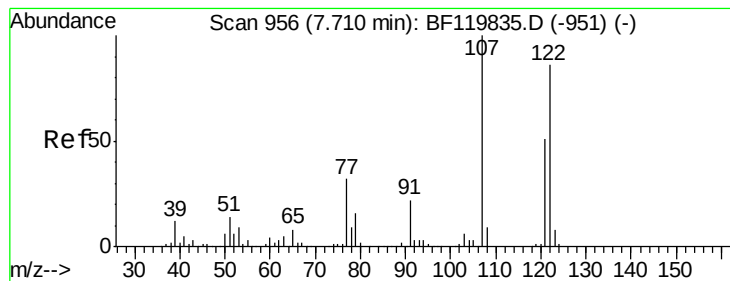
Ion Ratio Lower Upper

139 100

109 25.8 22.1 33.1

65 50.1 49.2 73.8





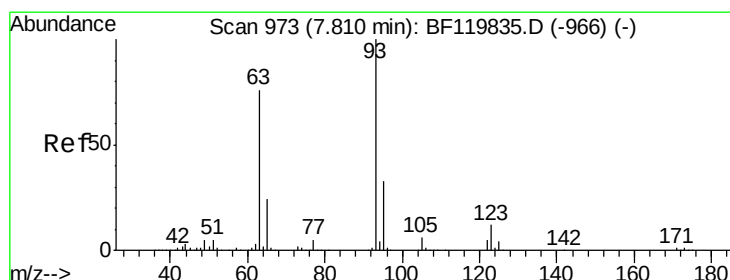
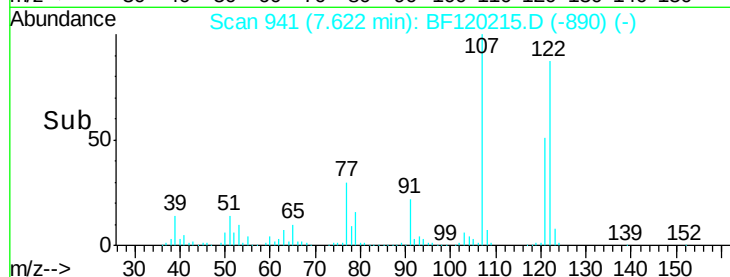
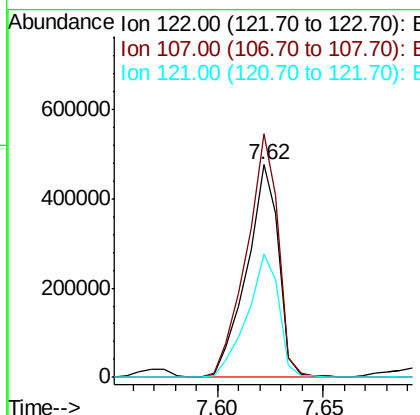
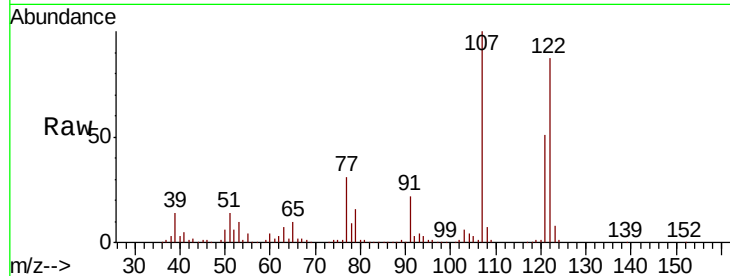
#27
 2,4-Dimethylphenol
 Concen: 52.929 ng
 RT: 7.62 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	89.0	133.6
121	58.1	46.7	70.1

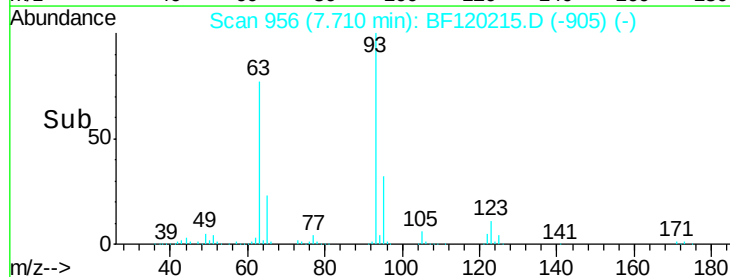
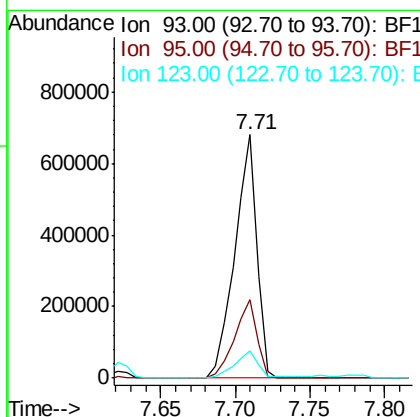
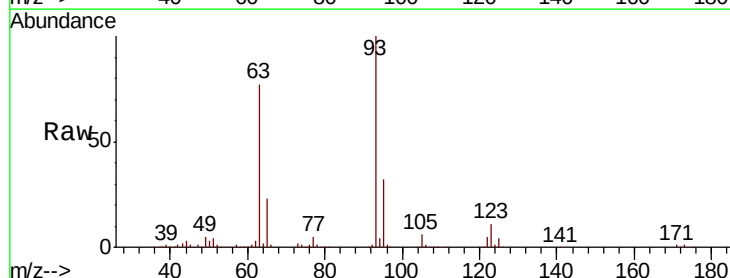
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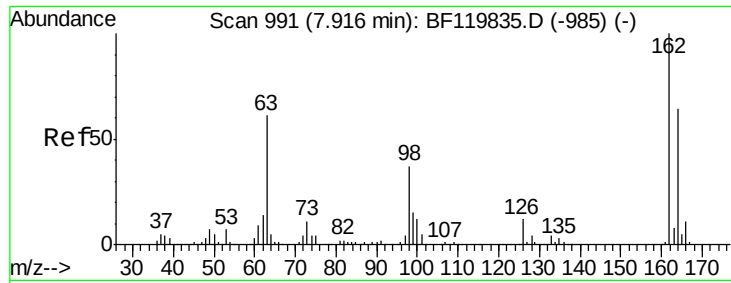
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.843 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	11.4	9.7	14.5





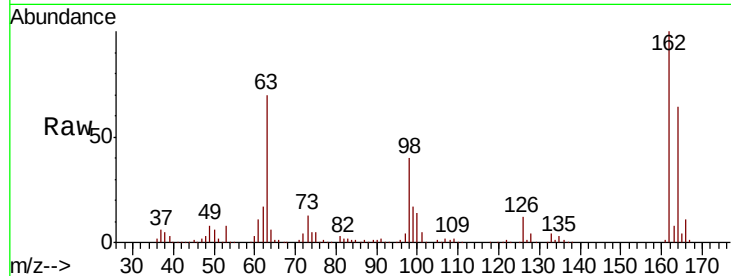
#29
2,4-Dichlorophenol
Concen: 49.888 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

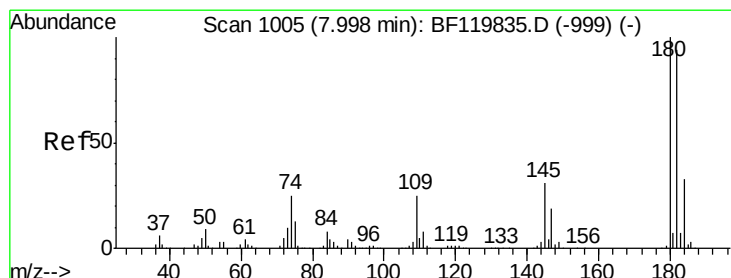
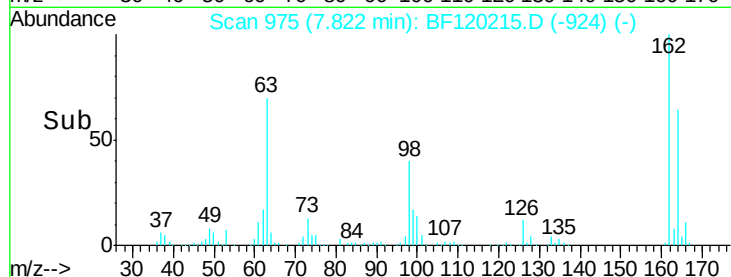
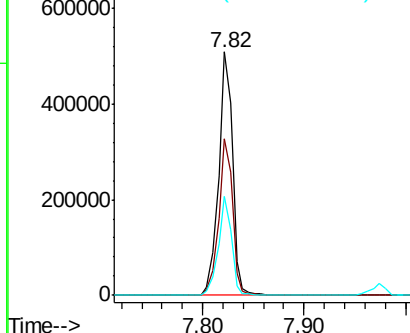
Tot Ion	Ratio	Resp	Lower	Upper
162	100	484394		
164	64.2	44.7	84.7	
98	40.5	20.7	60.7	

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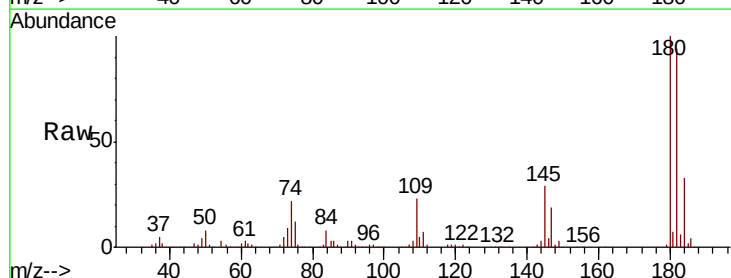


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

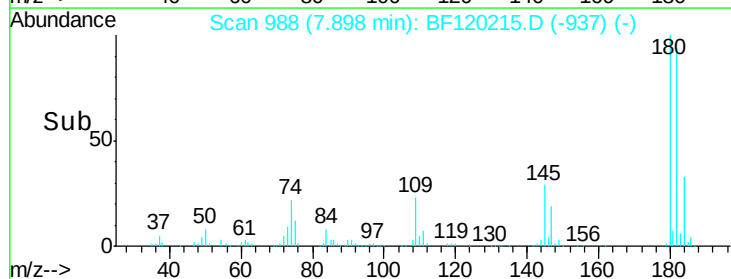
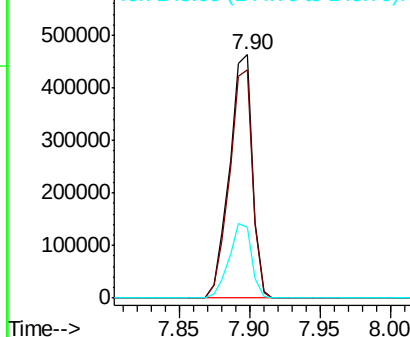


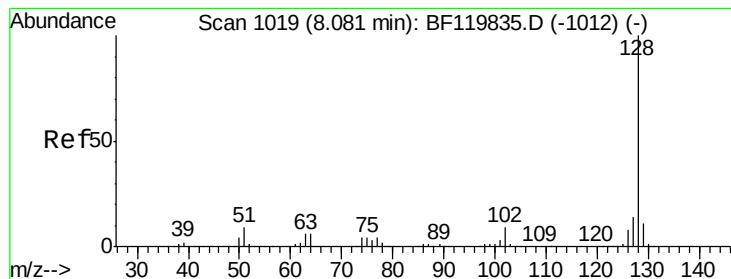
#30
1,2,4-Trichlorobenzene
Concen: 47.455 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	522090		
182	93.7	74.7	112.1	
145	29.3	24.5	36.7	



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





#31

Naphthalene

Concen: 49.207 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

Tot Ion:128 Resp: 1673770

Ion Ratio Lower Upper

128 100

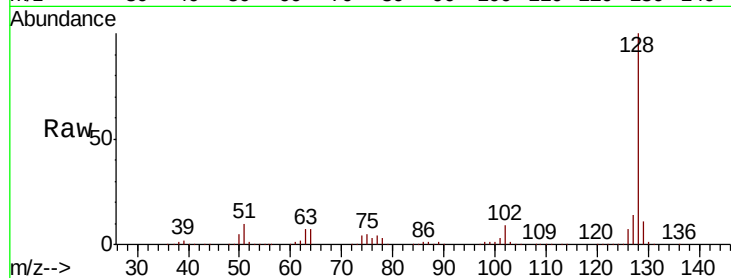
129 11.3 9.5 14.3

127 13.9 11.3 16.9

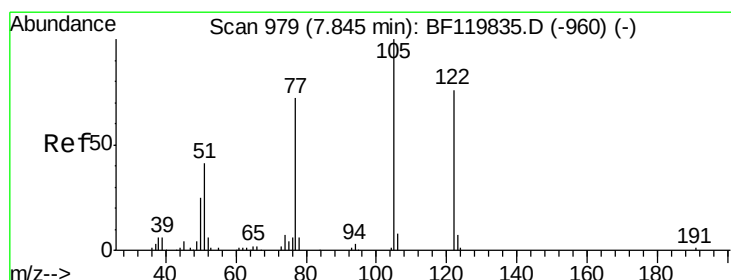
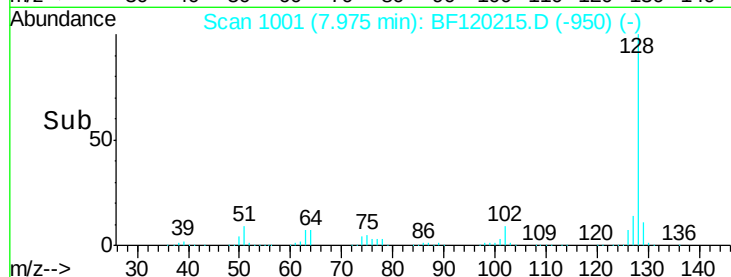
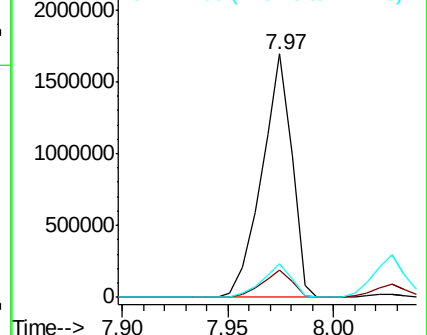
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.422 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

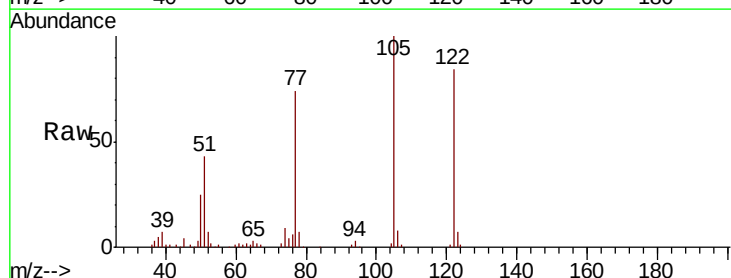
Tgt Ion:122 Resp: 377878

Ion Ratio Lower Upper

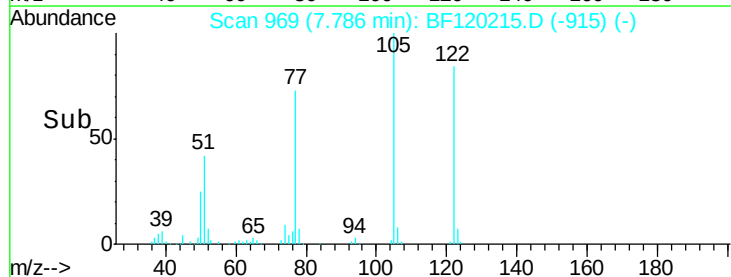
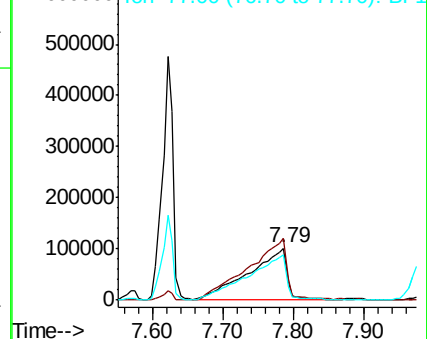
122 100

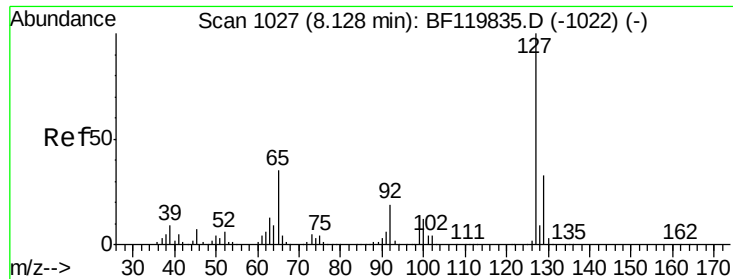
105 118.5 104.9 144.9

77 87.5 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





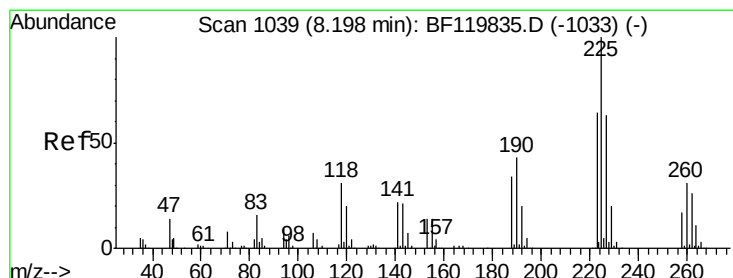
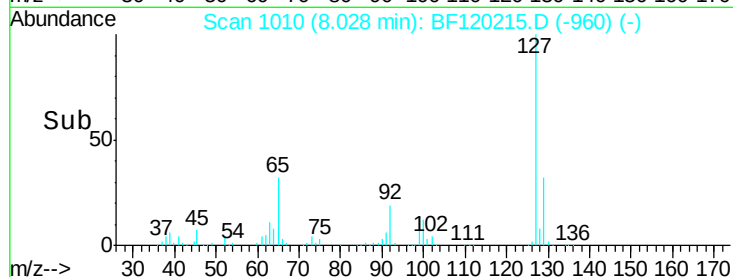
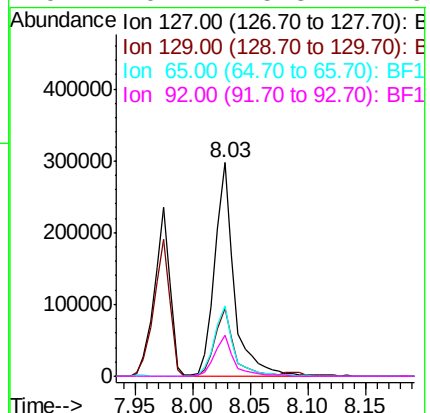
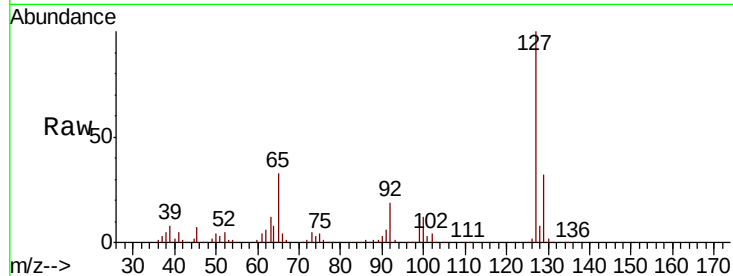
#33
4-Chloroaniline
Concen: 23.320 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		345330		
129	32.1	26.2	39.4		
65	33.2	27.4	41.0		
92	19.1	15.3	22.9		

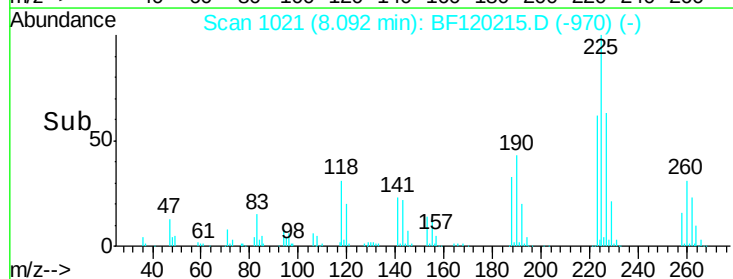
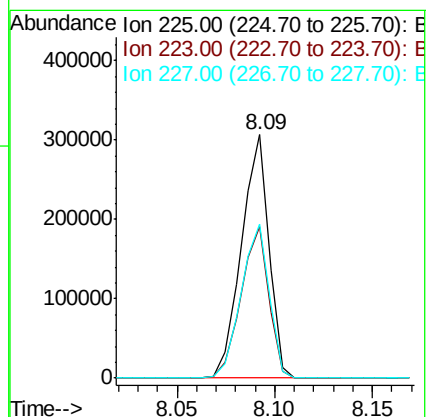
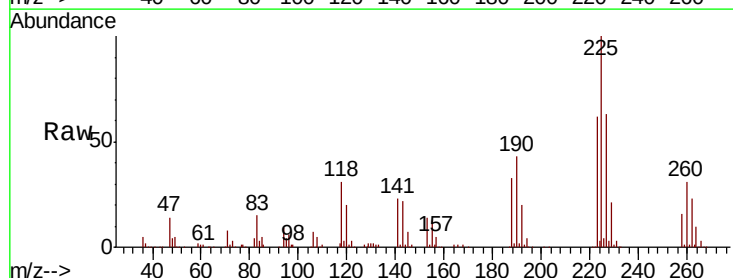
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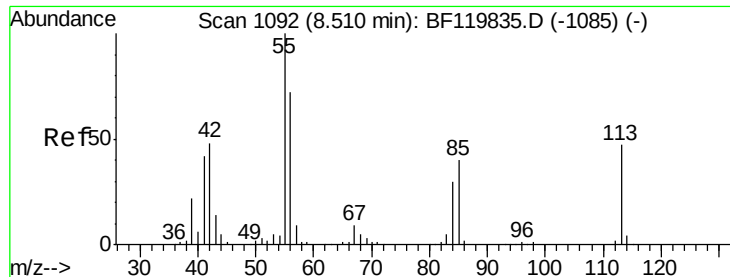
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#34
Hexachlorobutadiene
Concen: 45.403 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		299013		
223	62.4	51.0	76.6		
227	63.4	50.7	76.1		





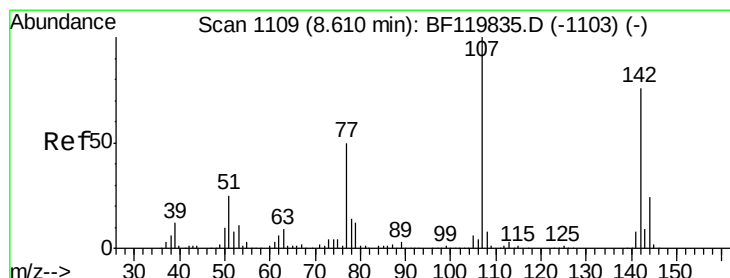
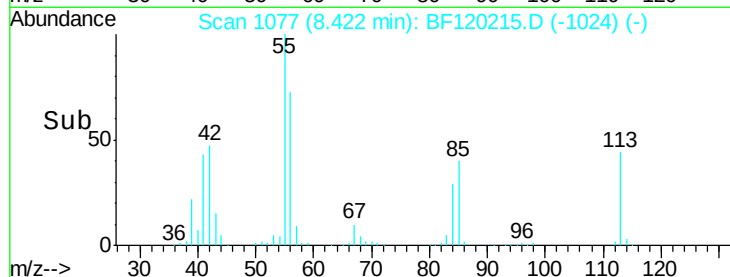
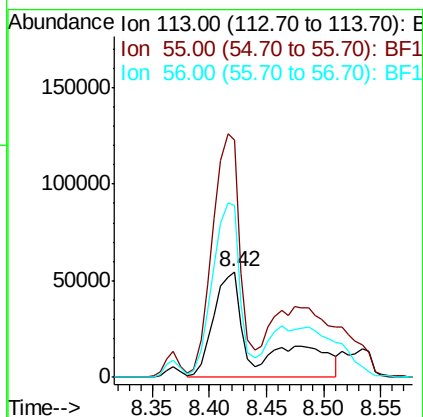
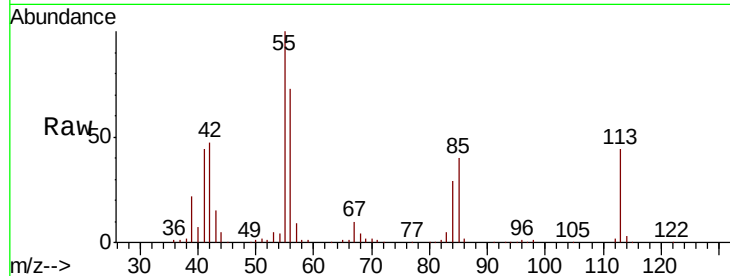
#35
Caprolactam
Concen: 49.430 ng/ml
RT: 8.42 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	225.1		218.4	258.4	
56	163.5		148.9	188.9	

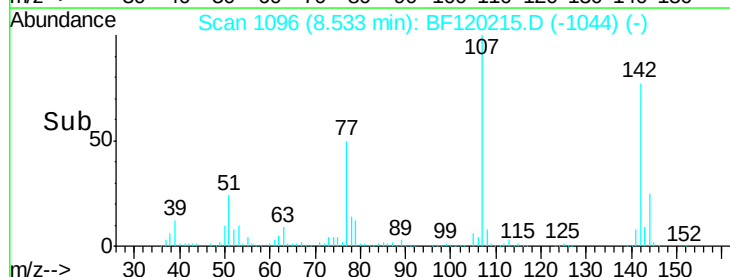
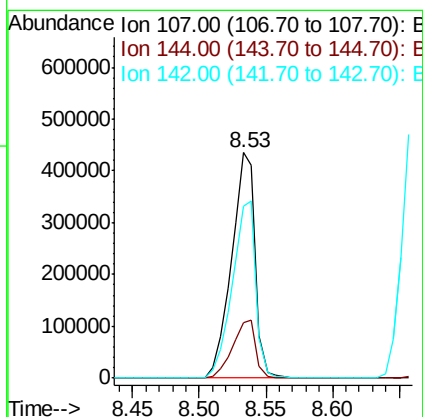
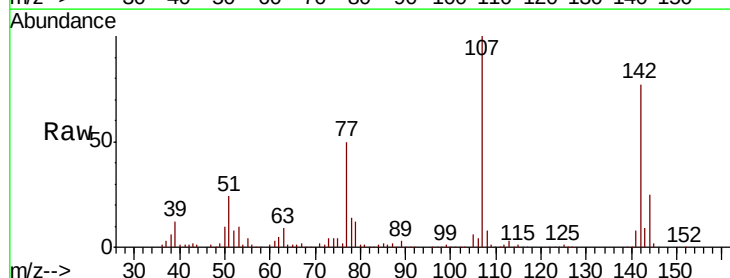
Manual Integrations
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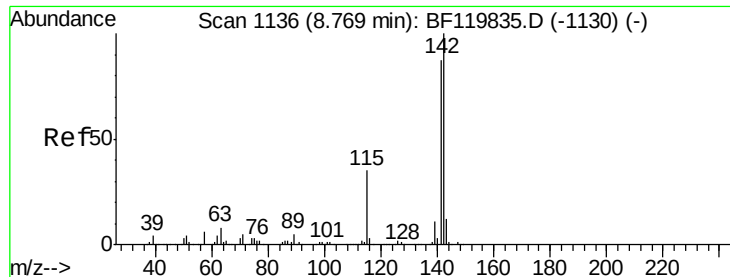
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.321 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.5		21.0	31.6	
142	76.6		64.4	96.6	





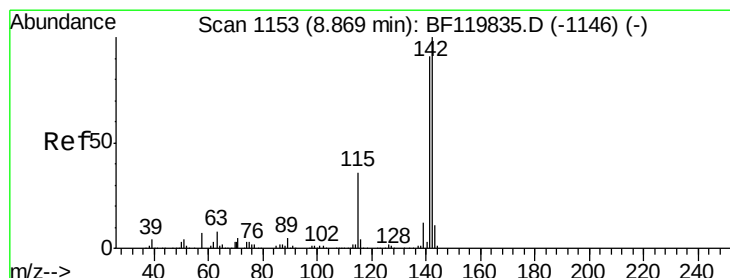
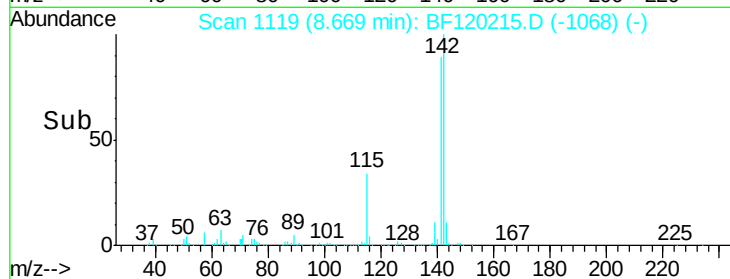
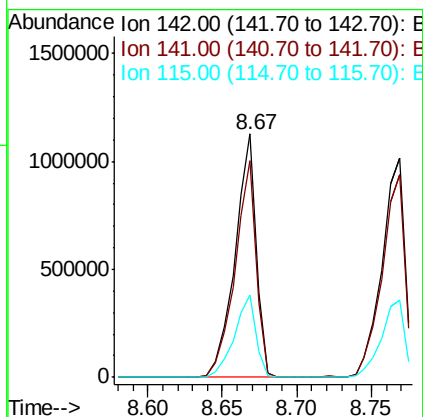
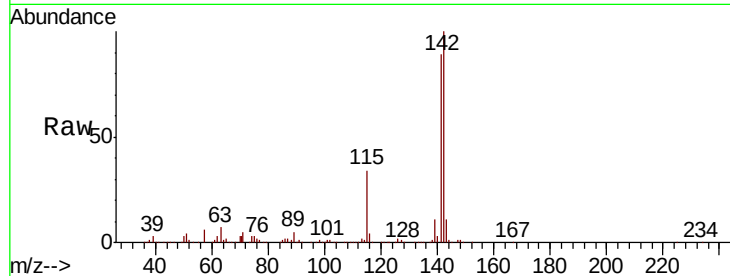
#37
2-Methylnaphthalene
Concen: 48.728 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	34.0	27.9	41.9

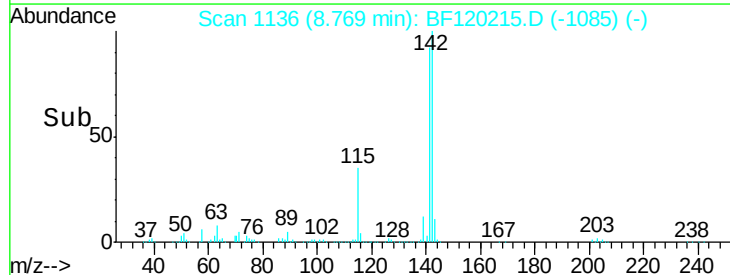
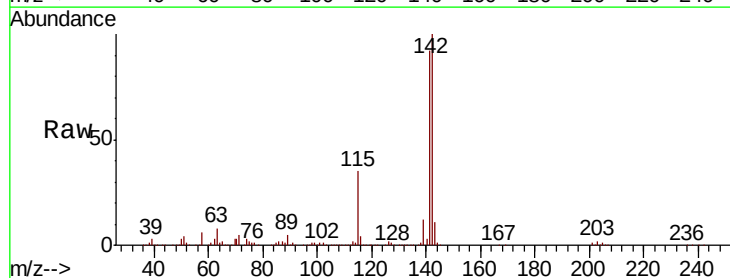
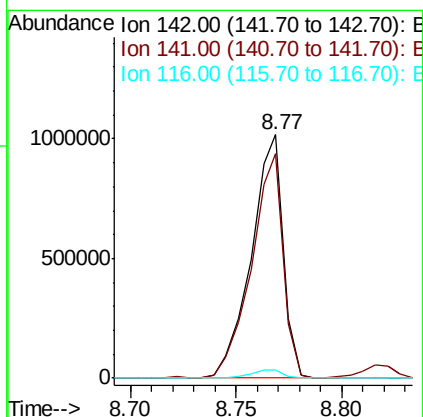
Manual Integrations
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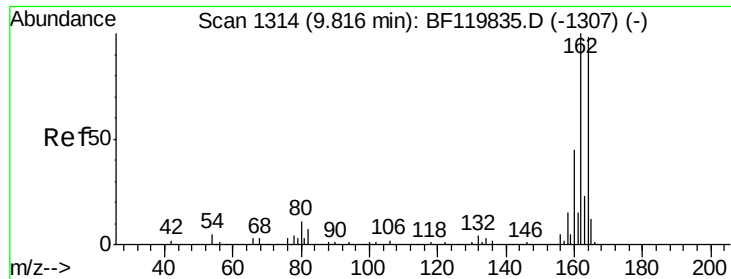
mohammad
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#38
1-Methylnaphthalene
Concen: 49.045 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5
116	3.6	3.0	4.6





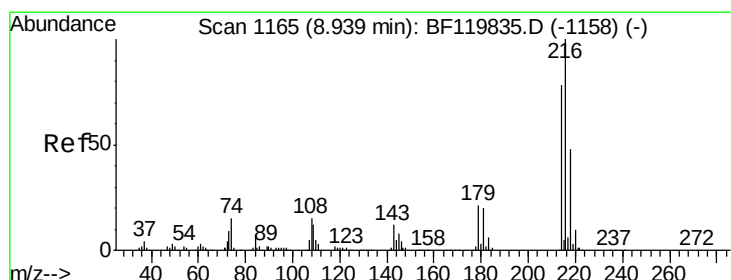
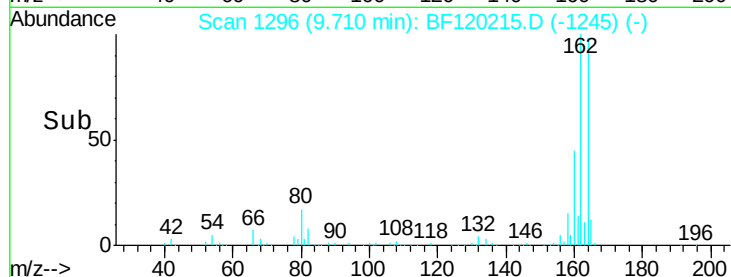
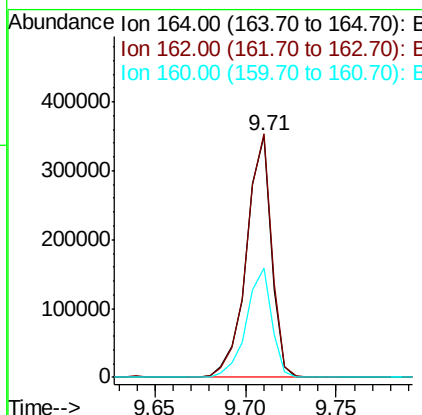
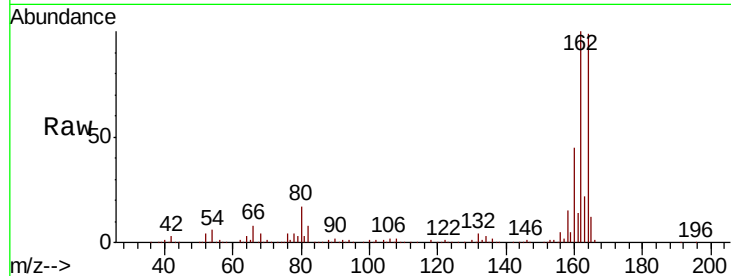
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	80.6	121.0	
160	45.3	35.7	53.5	

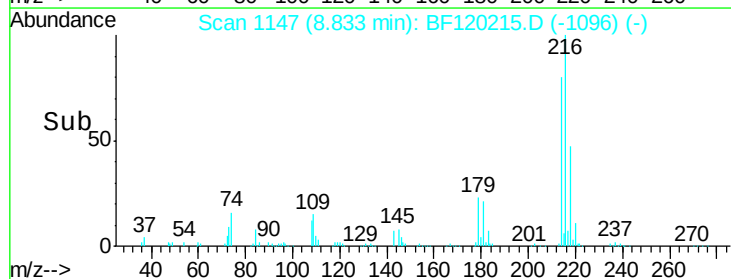
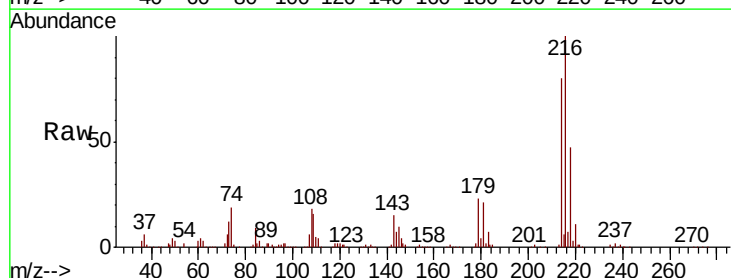
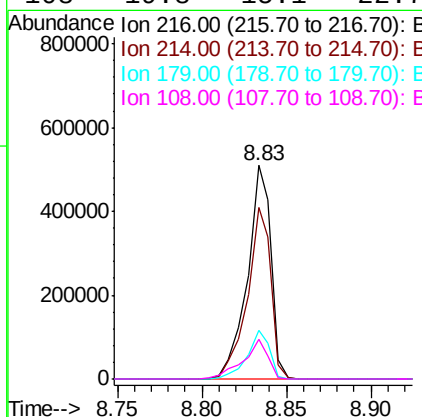
Manual Integrations
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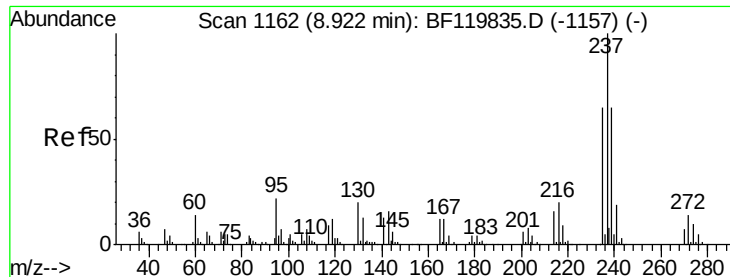
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.211 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.2	94.8	
179	21.6	17.1	25.7	
108	19.8	15.1	22.7	





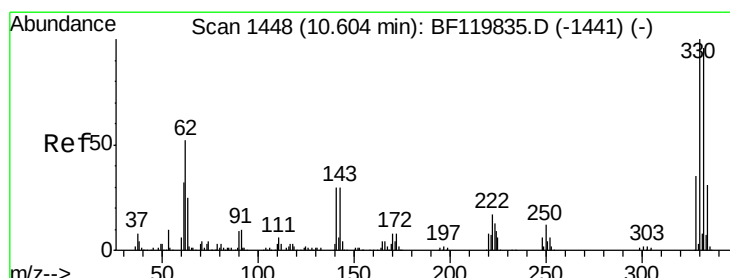
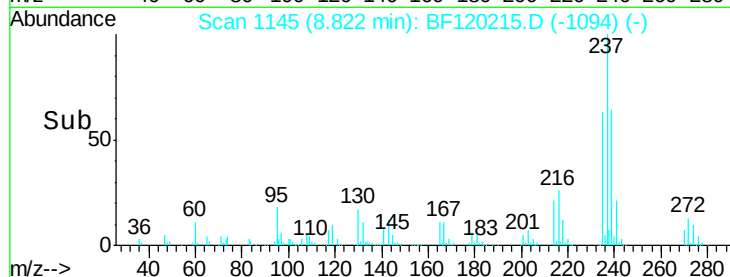
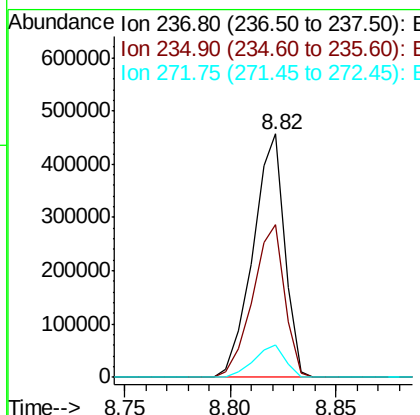
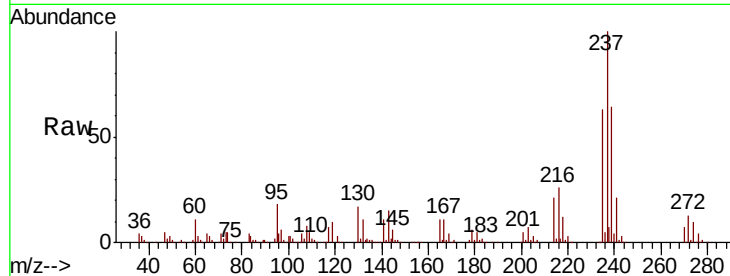
#41
Hexachlorocyclopentadiene
Concen: 79.354 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	476777		
235	63.0		43.2	83.2
272	13.2		0.0	34.1

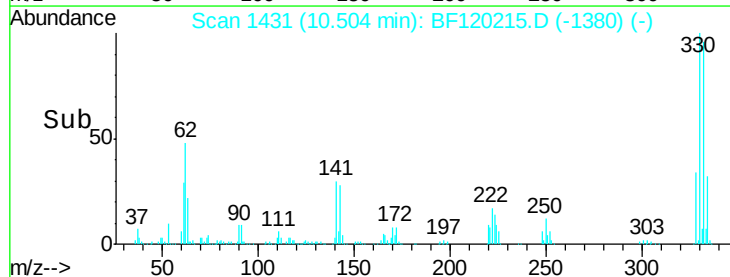
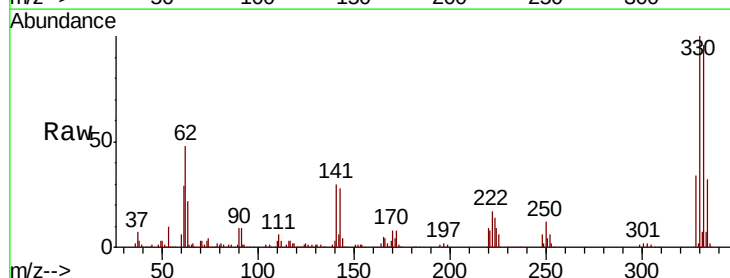
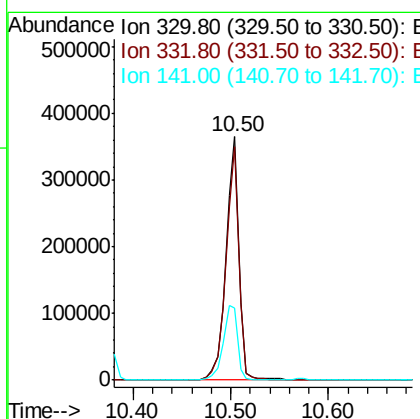
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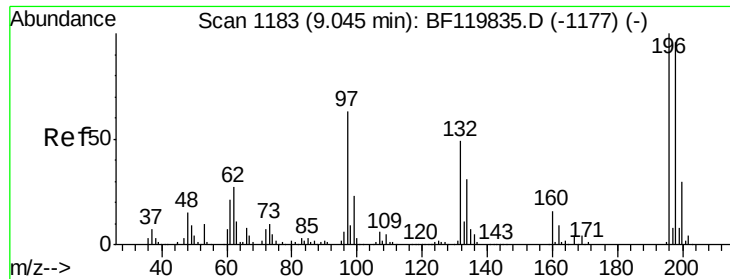
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#42
2,4,6-Tribromophenol
Concen: 82.020 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	335941		
332	95.8		75.7	113.5
141	34.4		25.4	38.0





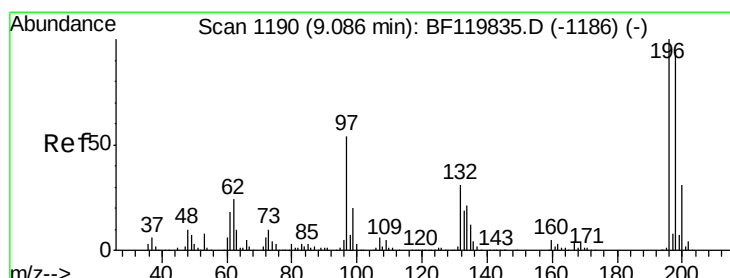
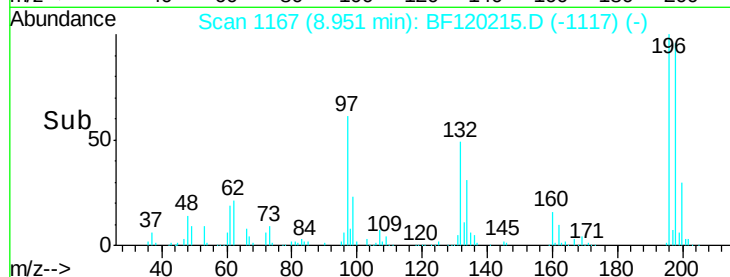
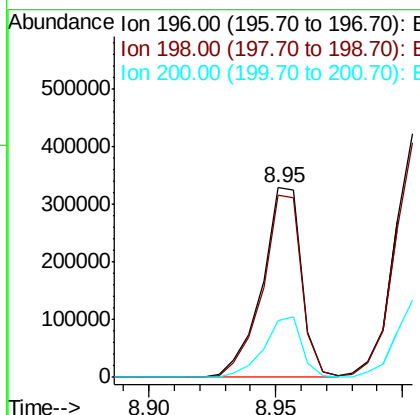
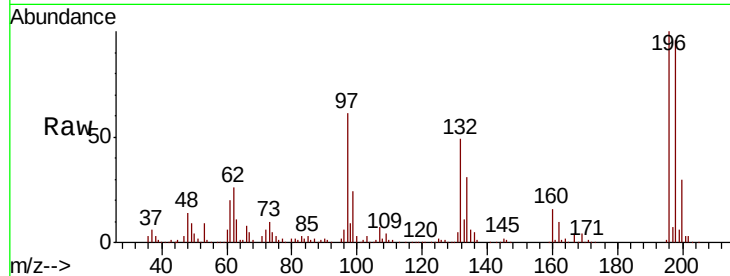
#43
 2,4,6-Trichlorophenol
 Concen: 49.417 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	360564		
198	96.0	76.6	115.0	
200	29.6	24.6	36.8	

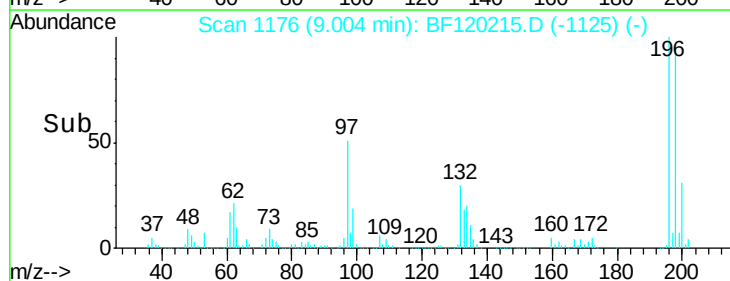
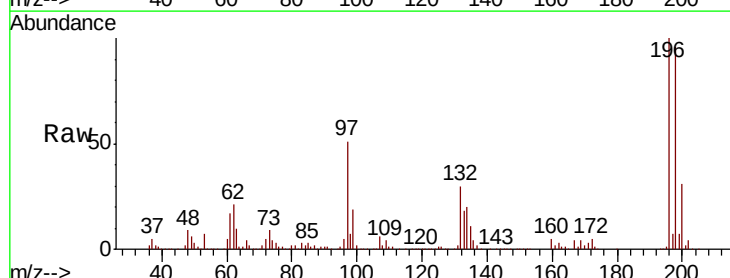
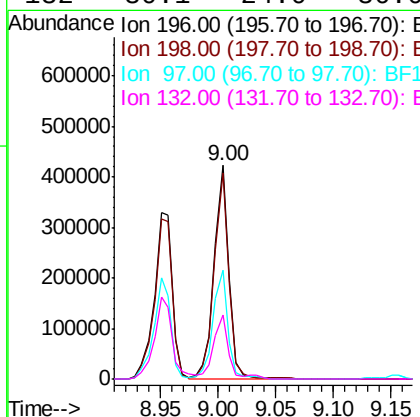
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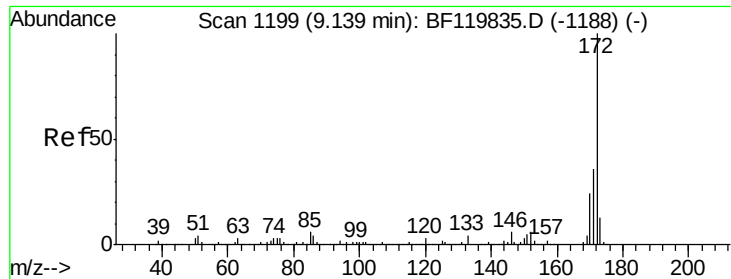
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.503 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	373933		
198	96.4	73.8	110.8	
97	51.0	42.6	63.8	
132	30.1	24.0	36.0	





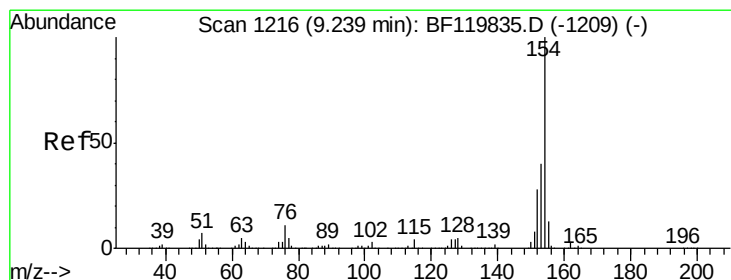
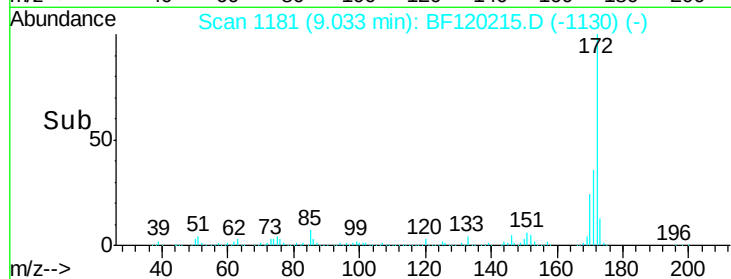
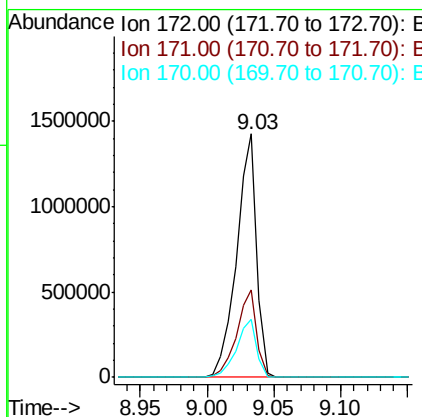
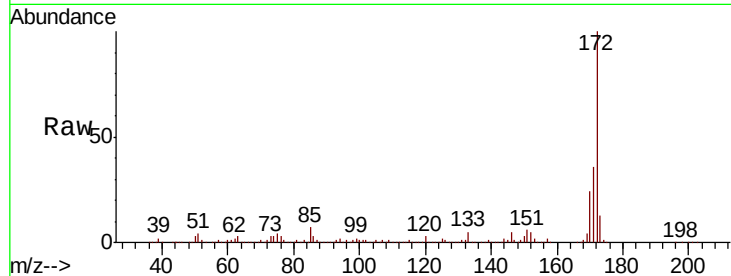
#45
2-Fluorobiphenyl
Concen: 63.000 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	20.2	30.2

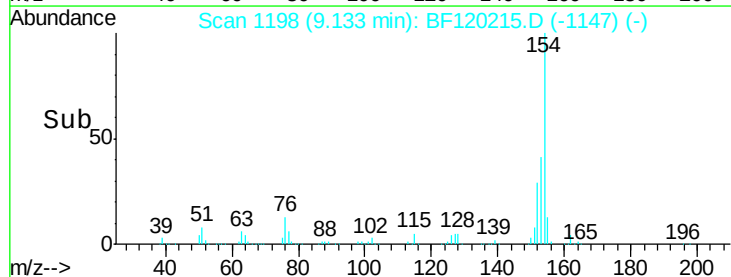
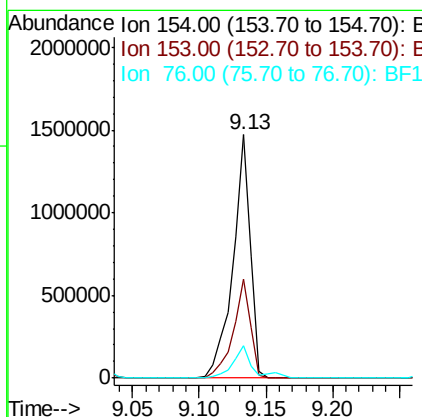
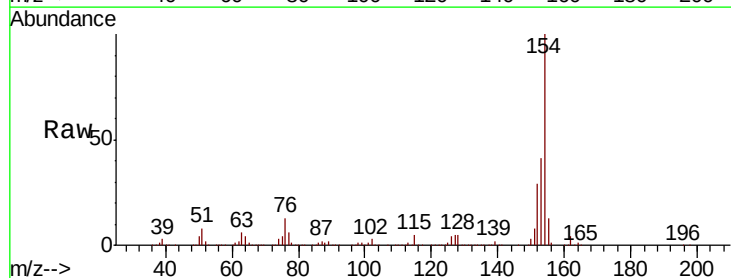
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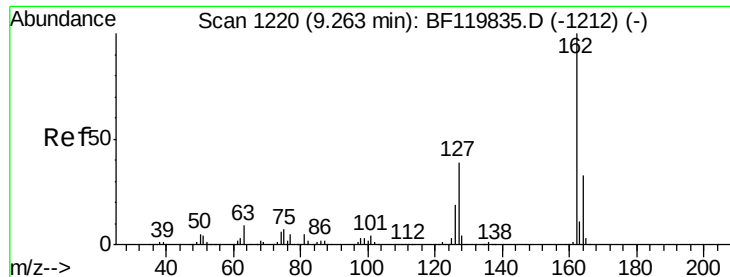
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#46
1,1'-Biphenyl
Concen: 48.067 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	13.4	0.0	33.0





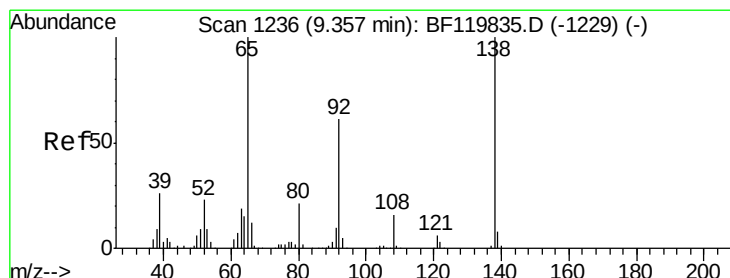
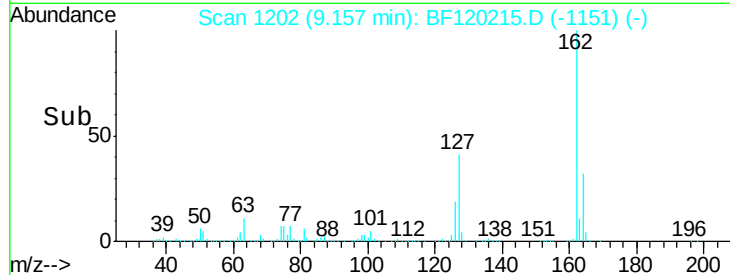
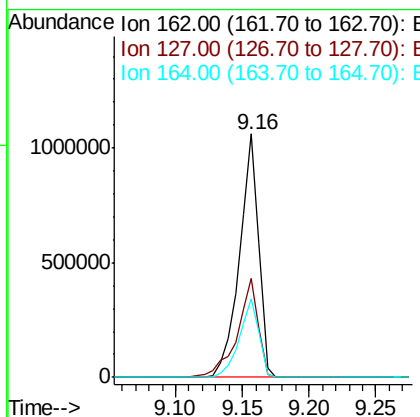
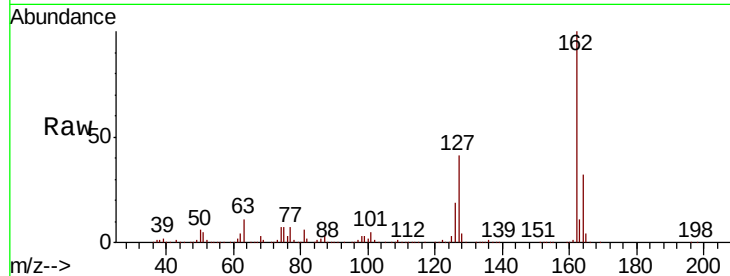
#47
 2-Chloronaphthalene
 Concen: 48.777 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.7	50.5
164	32.4	26.3	39.5

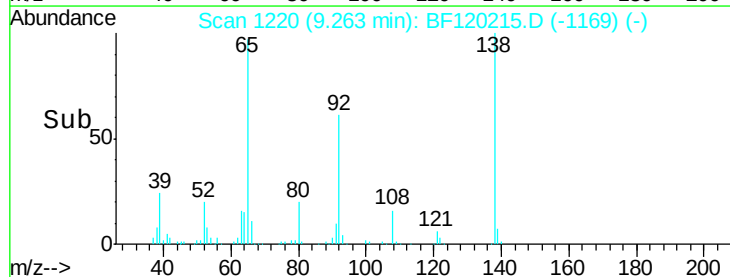
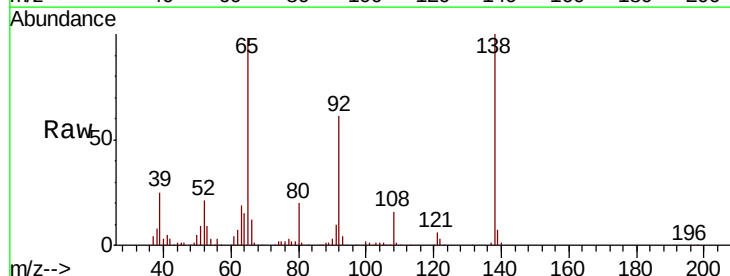
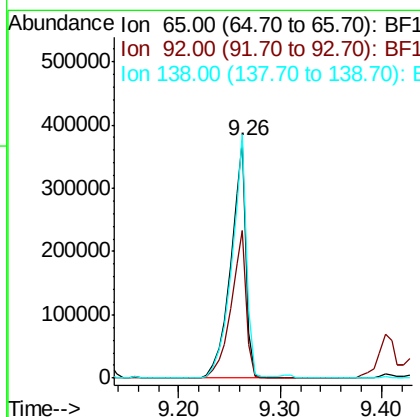
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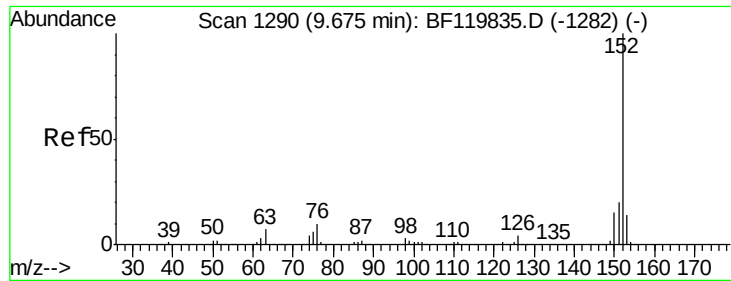
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#48
 2-Nitroaniline
 Concen: 49.050 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	50.0	75.0
138	102.4	75.0	112.4





#49

Acenaphthylene

Concen: 50.317 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampleId :

RBR-200010MSD

Tot Ion:152 Resp: 1664523

Ion Ratio Lower Upper

152 100

151 20.0 17.2 25.8

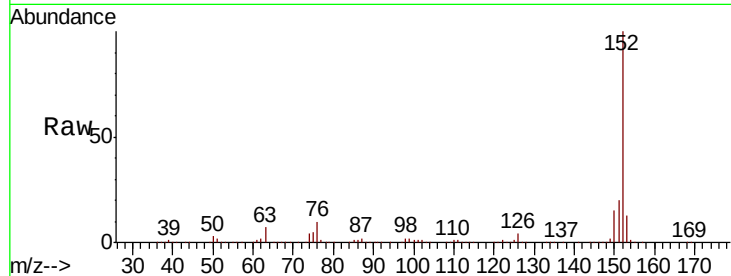
153 13.3 11.2 16.8

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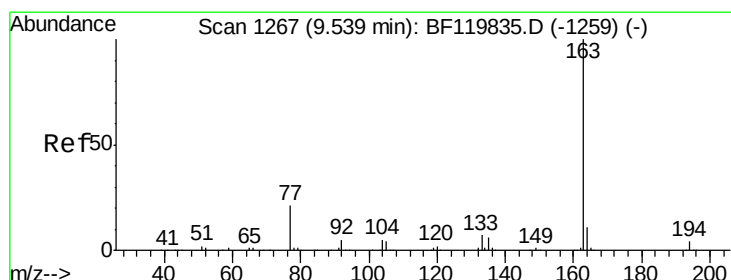
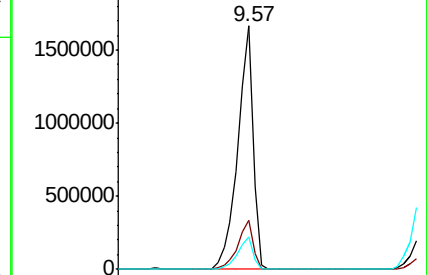
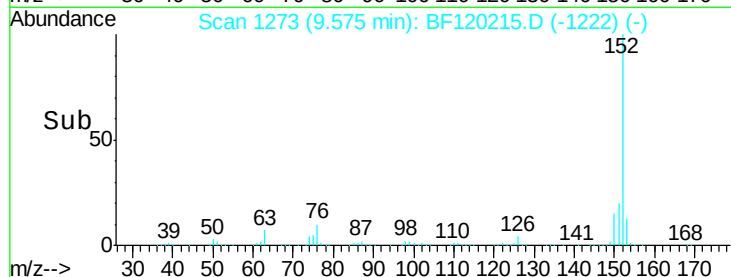
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.049 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

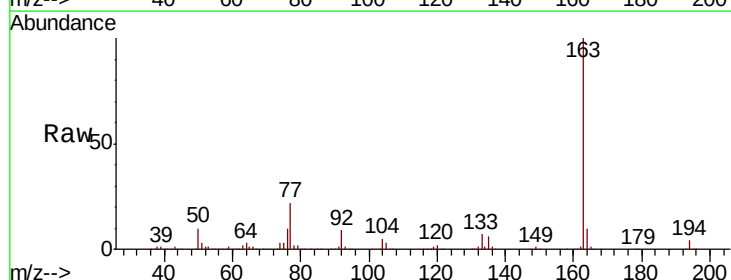
Tgt Ion:163 Resp: 1476196

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

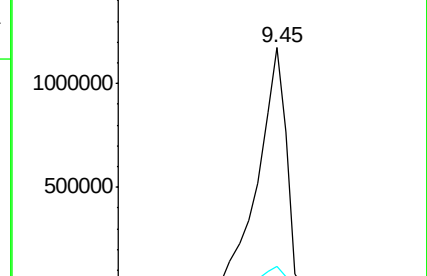
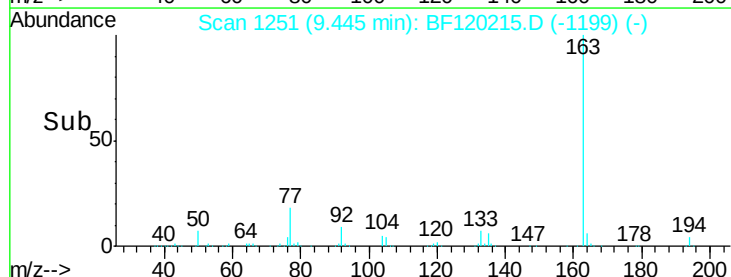
164 10.3 8.2 12.2

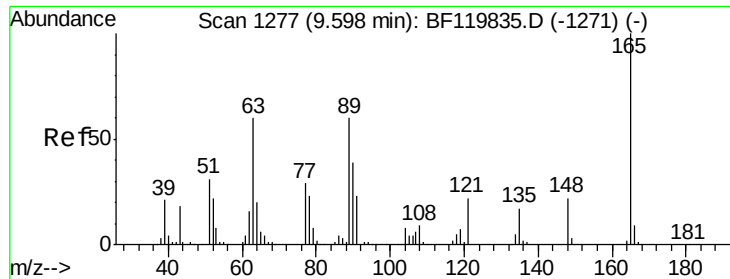


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





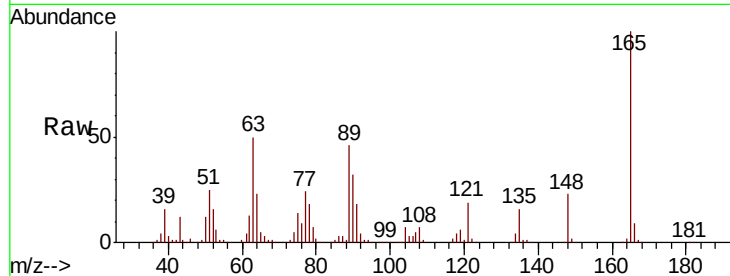
#51
2,6-Dinitrotoluene
Concen: 50.241 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

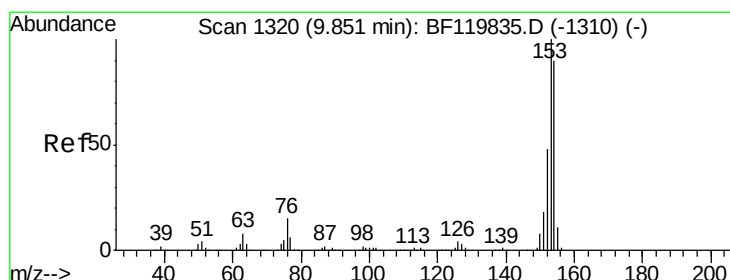
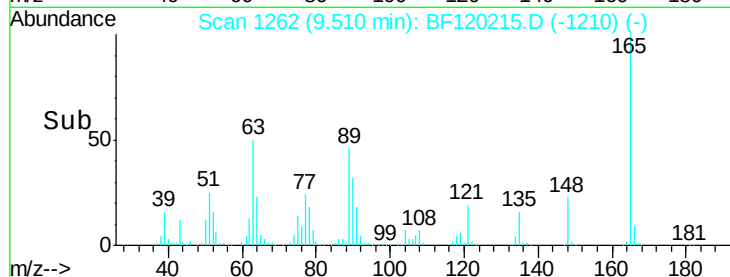
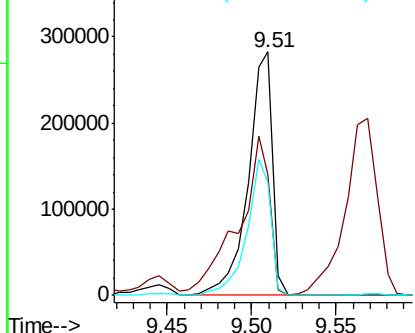
Tot Ion	Ratio	Resp	Lower	Upper
165	100	284682		
63	49.8	45.0	67.4	
89	46.4	41.5	62.3	

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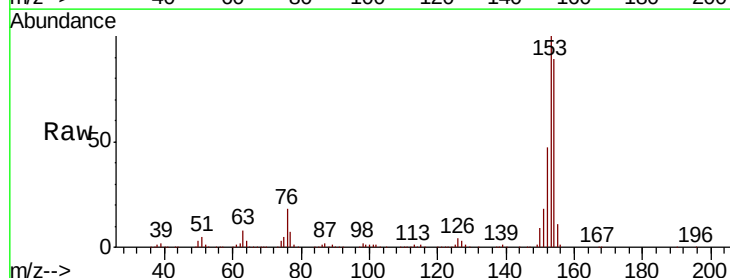


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

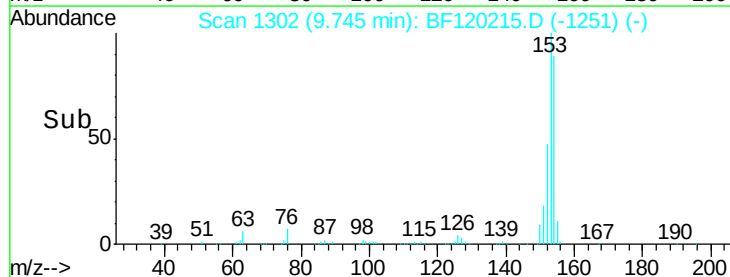
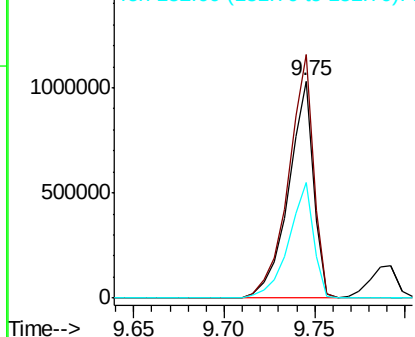


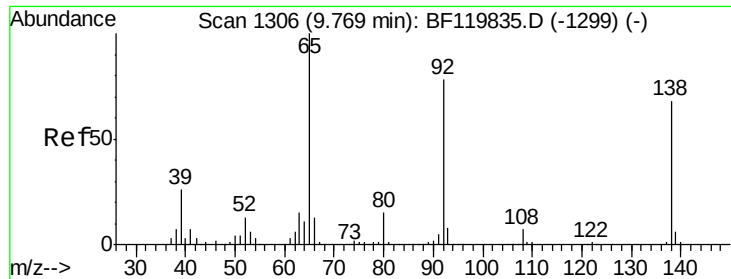
#52
Acenaphthene
Concen: 45.385 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1001503		
153	112.3	88.1	132.1	
152	53.1	43.0	64.4	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





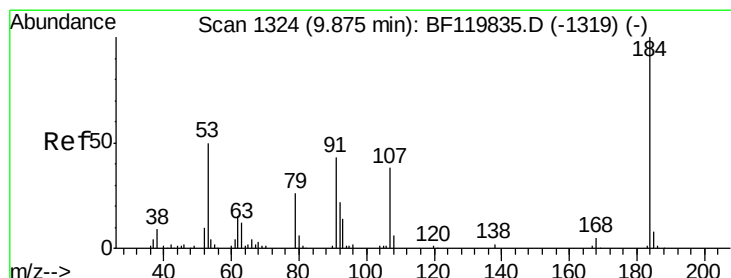
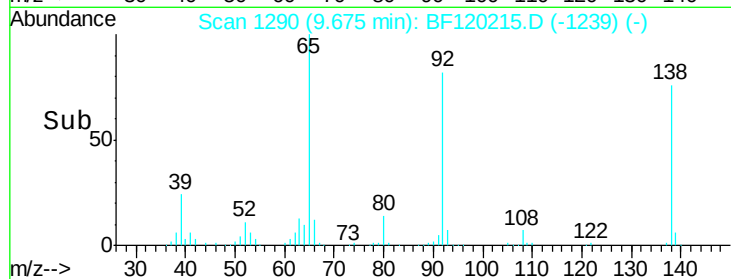
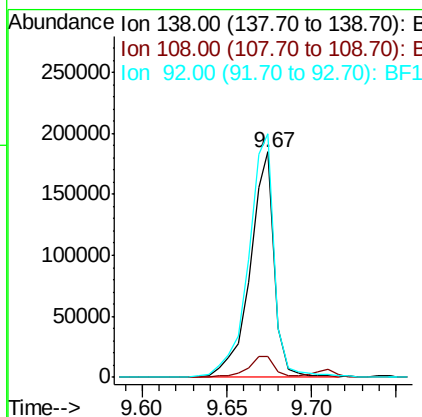
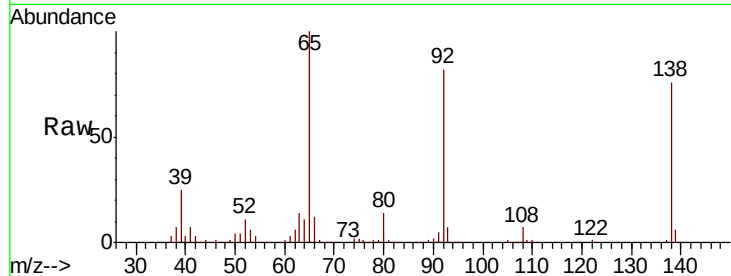
#53
 3-Nitroaniline
 Concen: 28.693 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.6	13.0
92	108.1	95.4	143.0

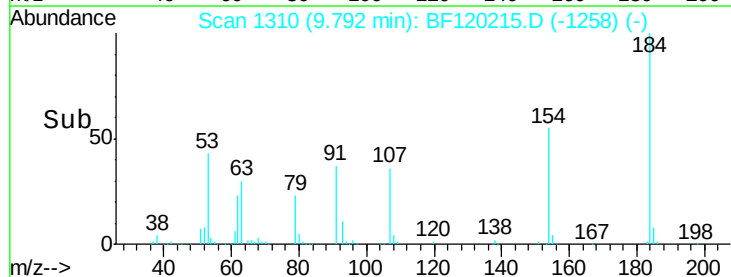
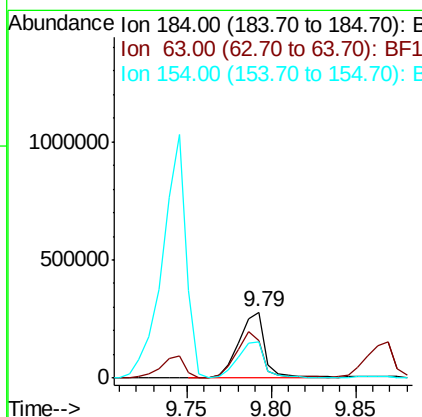
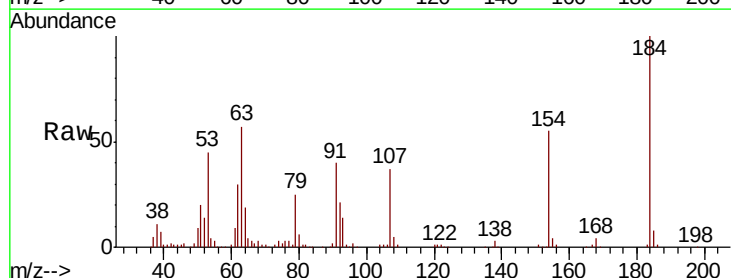
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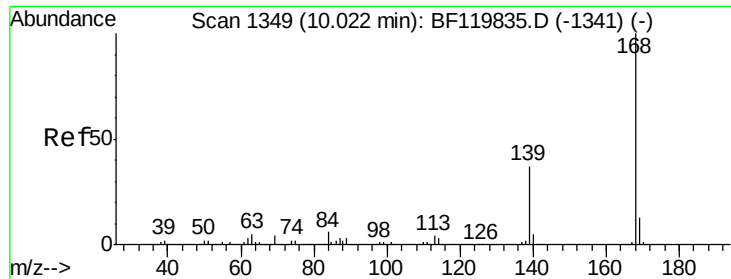
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#54
 2,4-Dinitrophenol
 Concen: 90.735 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	50.2	75.4
154	55.5	44.5	66.7





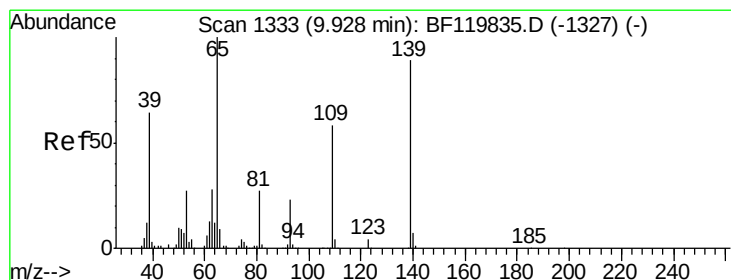
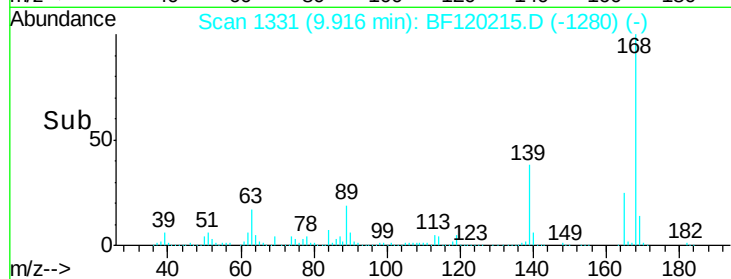
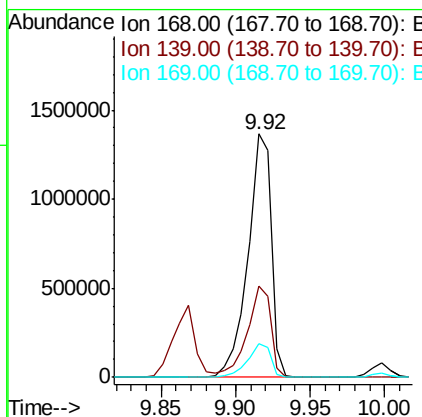
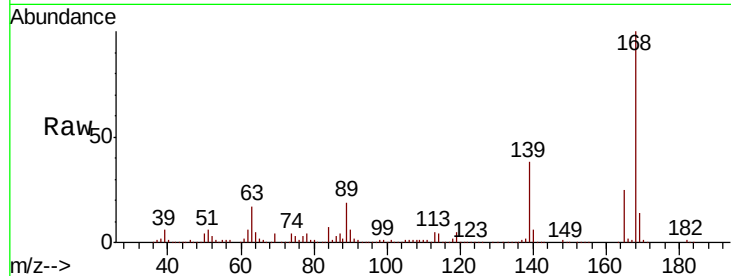
#55
Dibenzofuran
Concen: 48.475 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	14.0	11.0	16.6

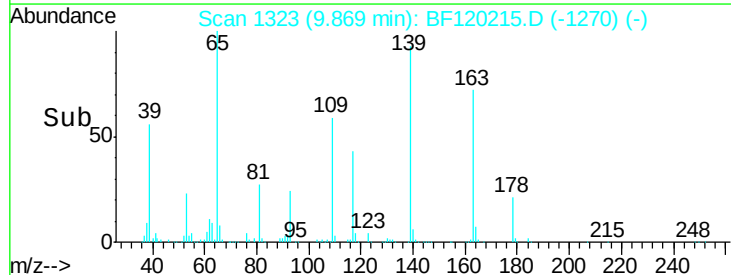
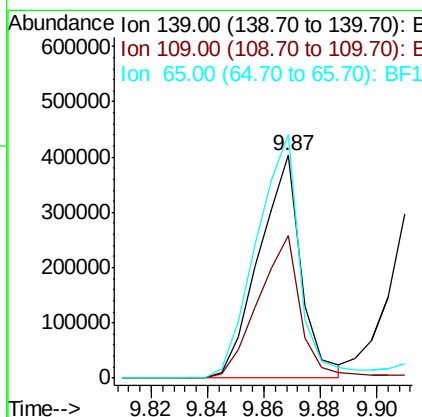
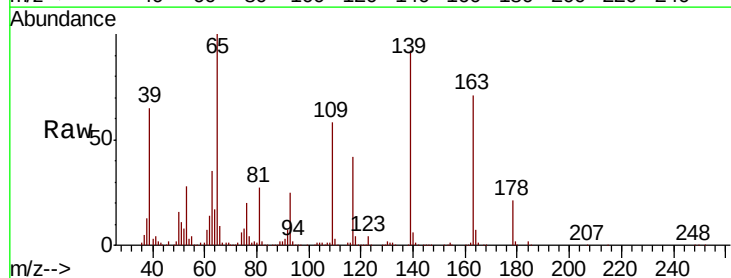
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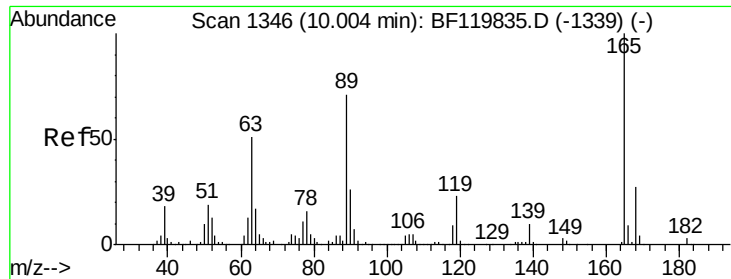
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#56
4-Nitrophenol
Concen: 86.651 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.7	43.3	83.3
65	109.2	91.0	131.0





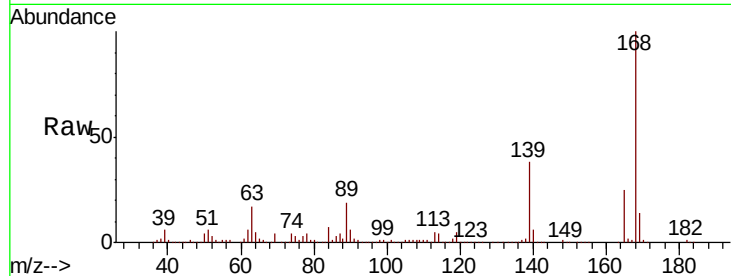
#57
2,4-Dinitrotoluene
Concen: 48.638 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.0	42.6	64.0
89	75.2	61.0	91.4
182	2.6	2.2	3.2

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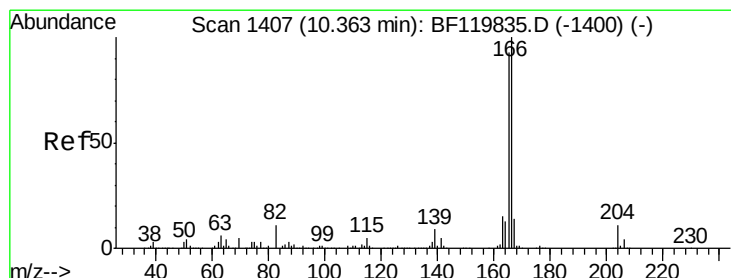
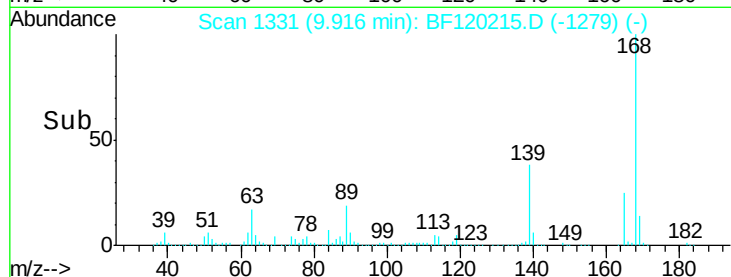
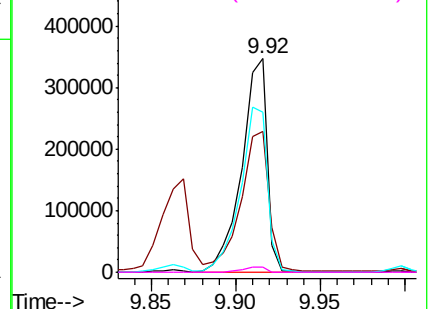


Abundance Ion 165.00 (164.70 to 165.70): E

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



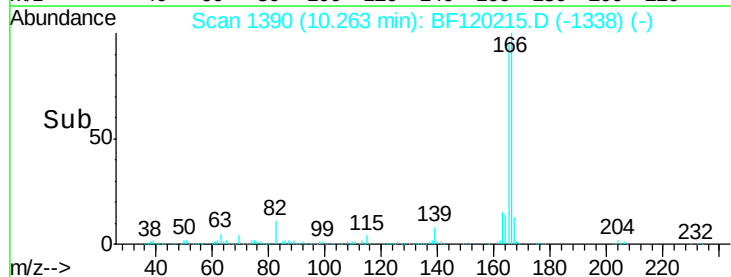
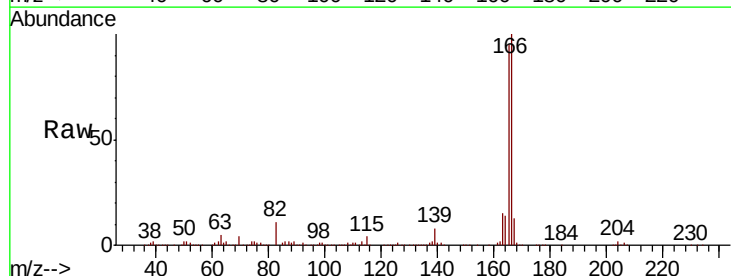
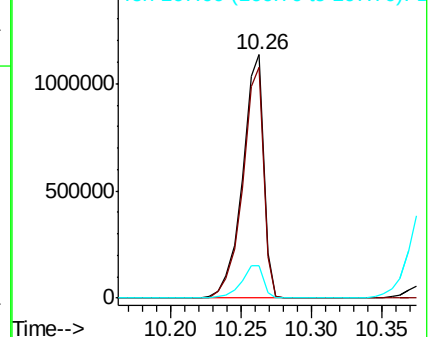
#58
Fluorene
Concen: 48.537 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

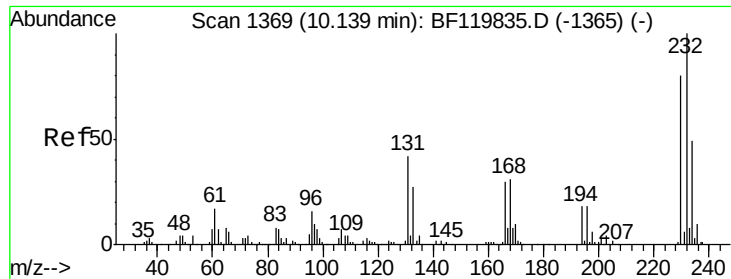
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.4	113.2
167	13.5	11.2	16.8

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





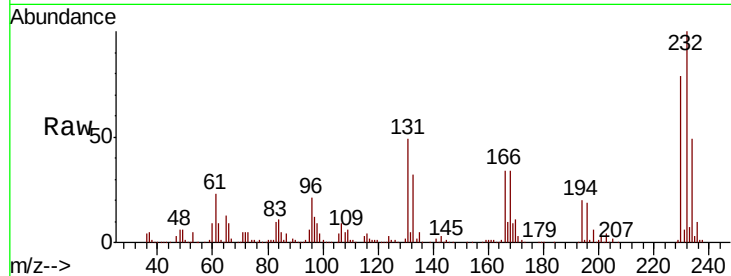
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.355 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

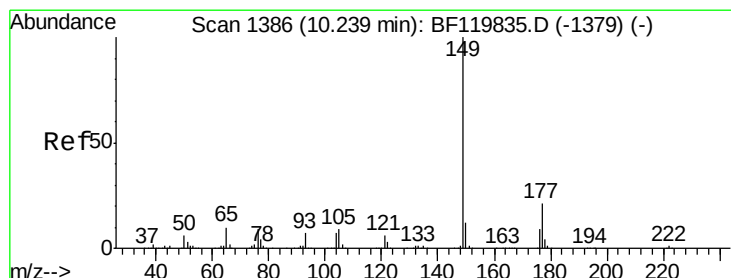
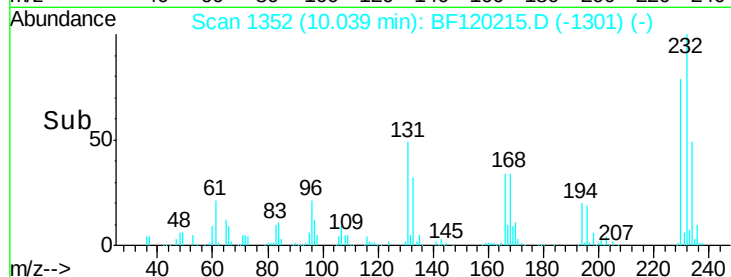
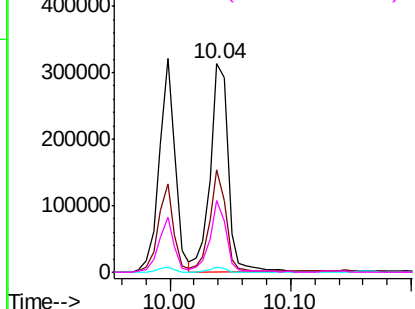
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.5	56.3
130	2.0	1.8	2.6
166	30.5	24.6	36.8

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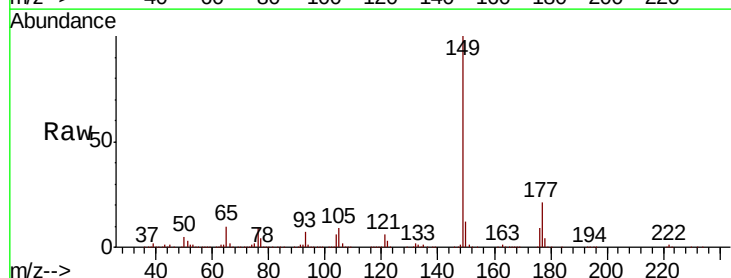


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

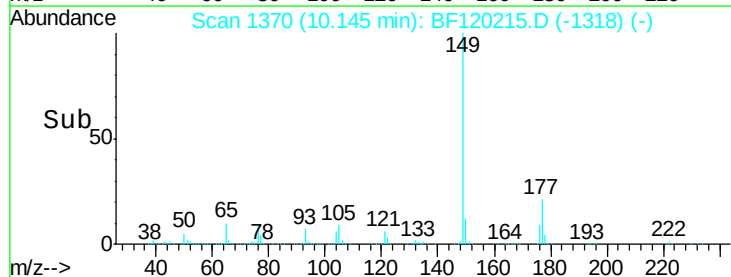
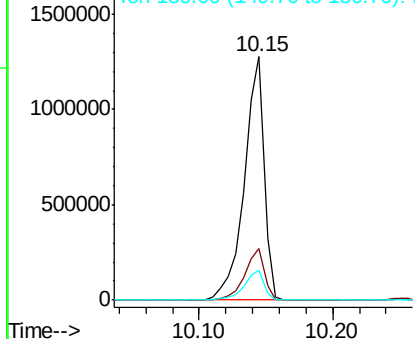


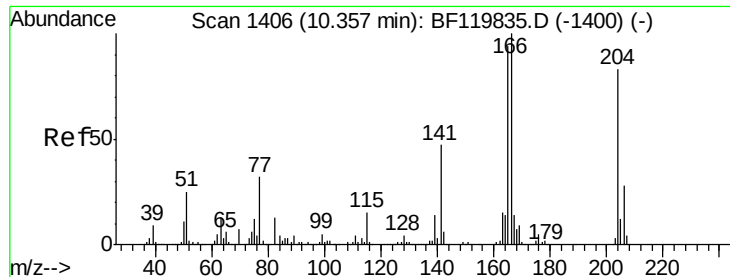
#60
Diethylphthalate
Concen: 48.440 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	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





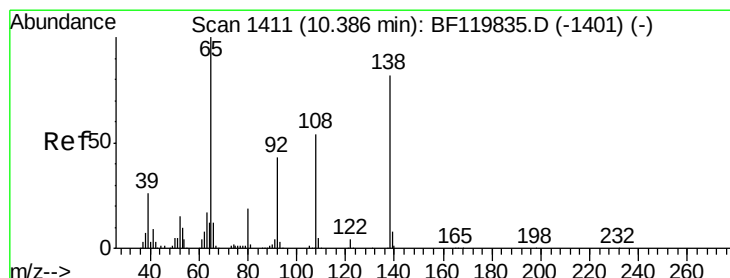
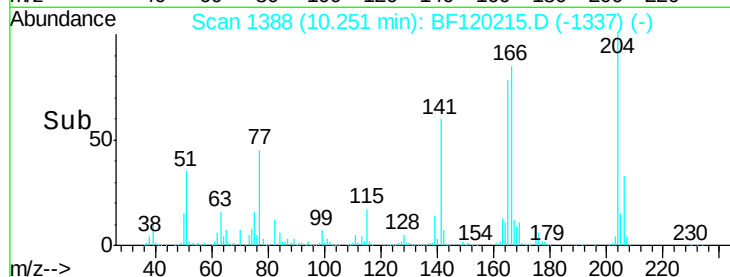
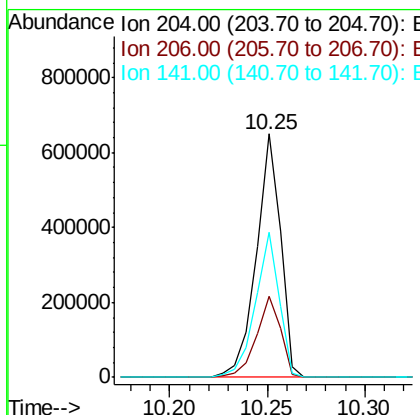
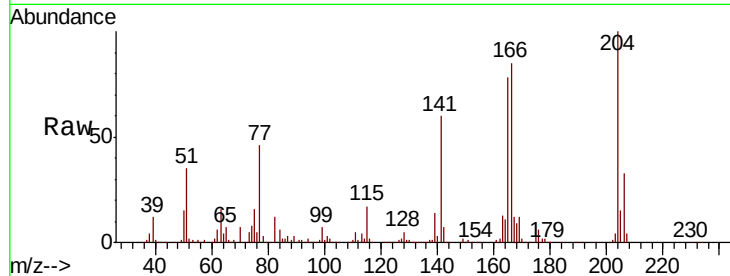
#61
4-Chlorophenyl-phenylether
Concen: 45.019 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	59.6	47.3	70.9

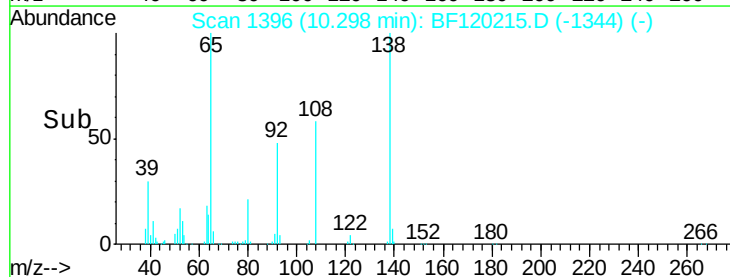
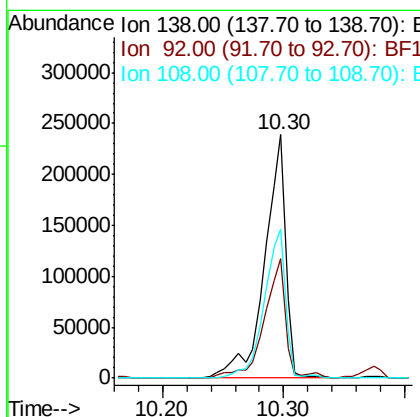
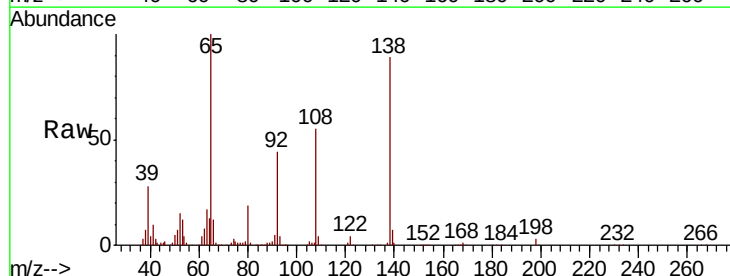
Manual Integrations
APPROVED

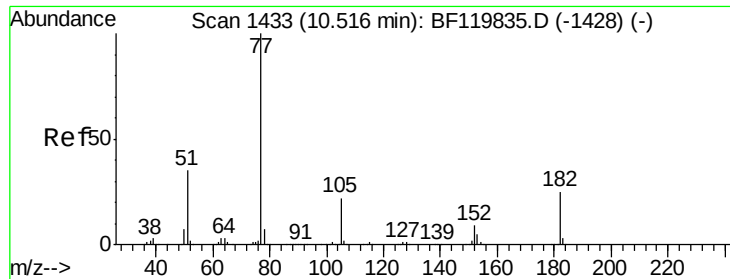
mohammad
4/28/2020 11:08:30 PM



#62
4-Nitroaniline
Concen: 47.479 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.5	71.5
108	61.4	45.8	85.8





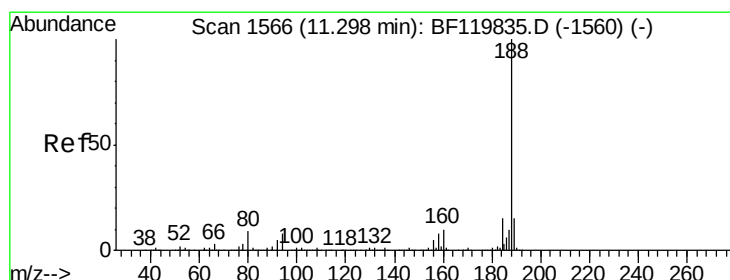
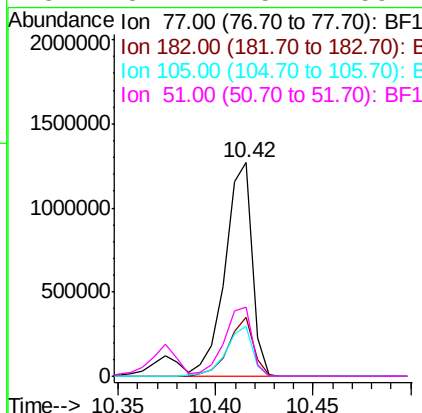
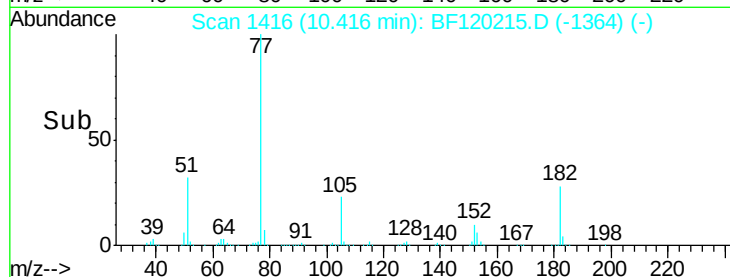
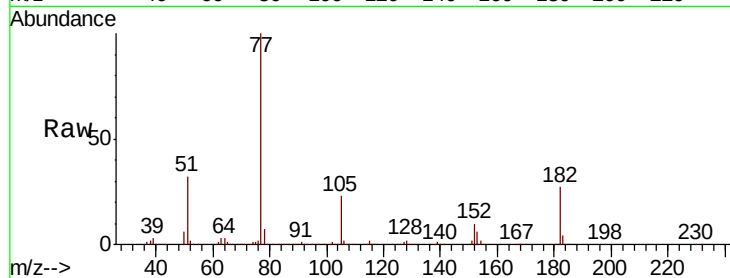
#63
Azobenzene
Concen: 50.664 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion: 77 Resp: 1217689
Ion Ratio Lower Upper
77 100
182 27.5 4.4 44.4
105 23.3 2.6 42.6
51 32.2 15.1 55.1

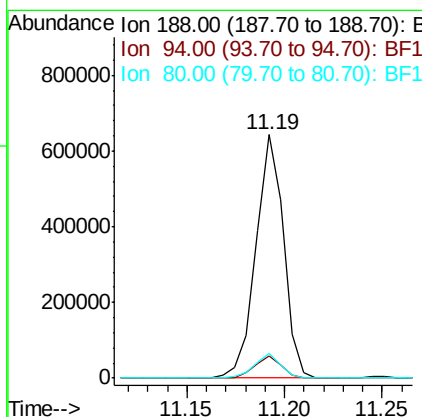
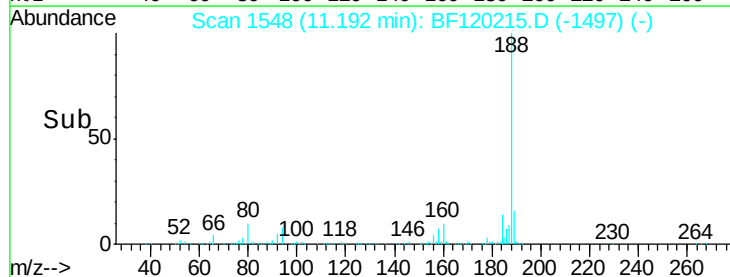
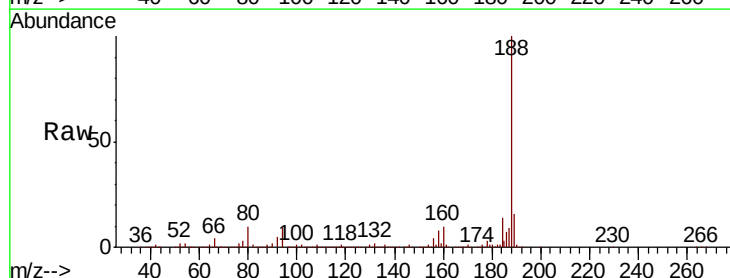
Manual Integrations
APPROVED

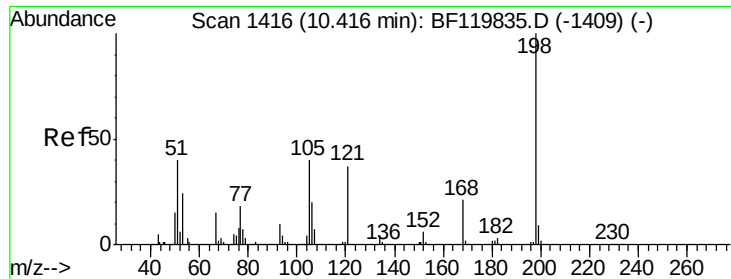
mohammad
4/28/2020 11:08:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion: 188 Resp: 633071
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.9 9.0 13.4





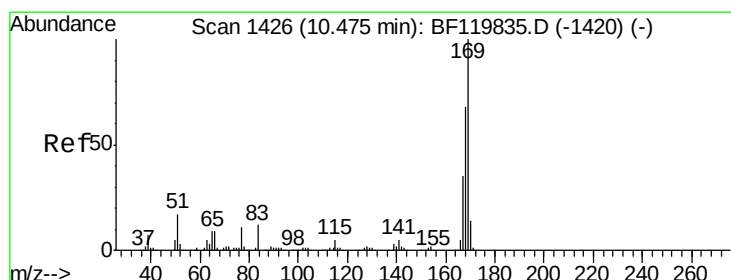
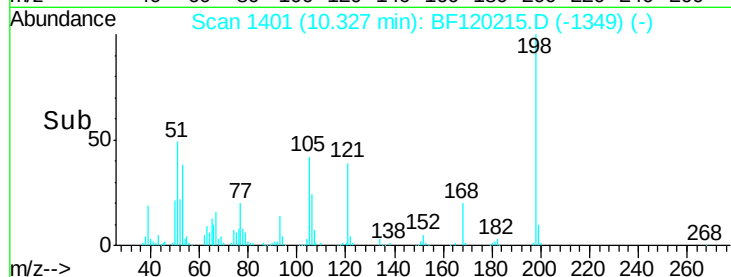
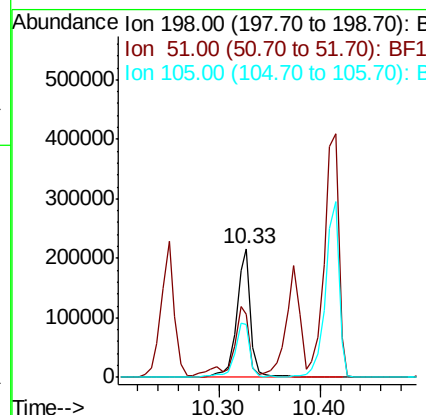
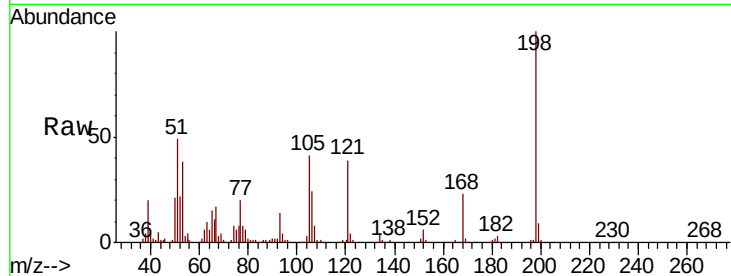
#65
4,6-Dinitro-2-methylphenol
Concen: 49.780 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.7	29.0	69.0
105	41.2	22.2	62.2

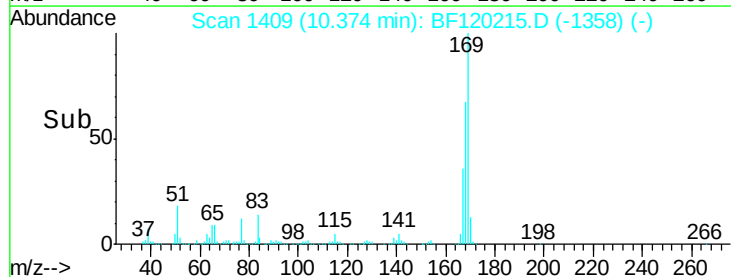
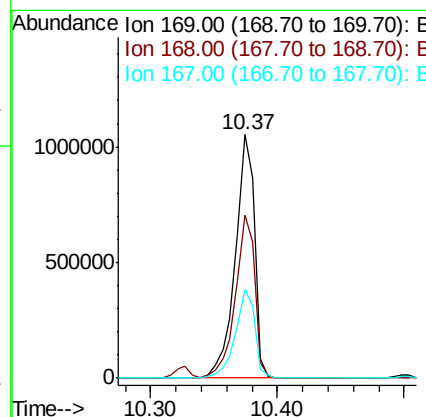
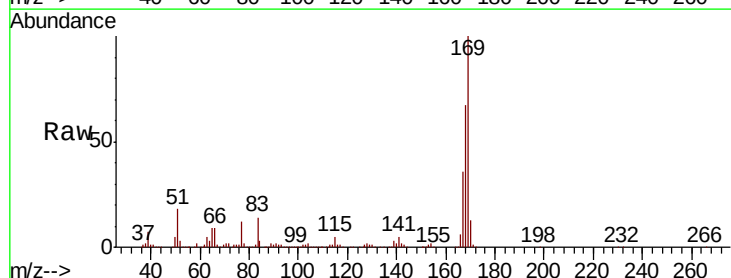
Manual Integrations
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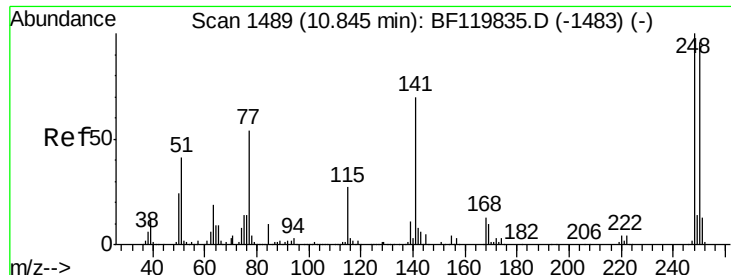
mohammad
4/28/2020 11:08:30 PM



#66
n-Nitrosodiphenylamine
Concen: 51.706 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	36.4	29.1	43.7





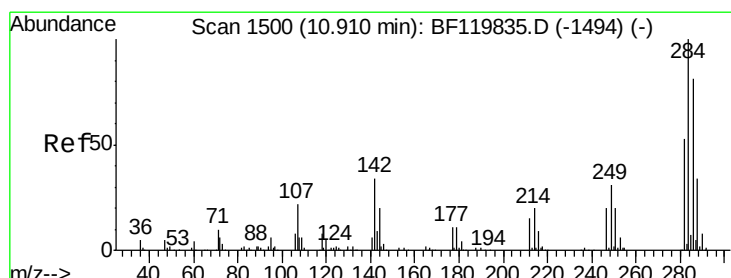
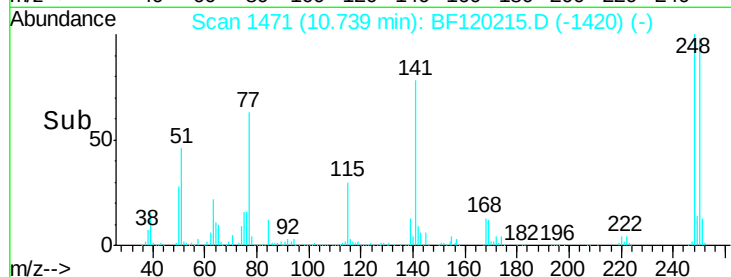
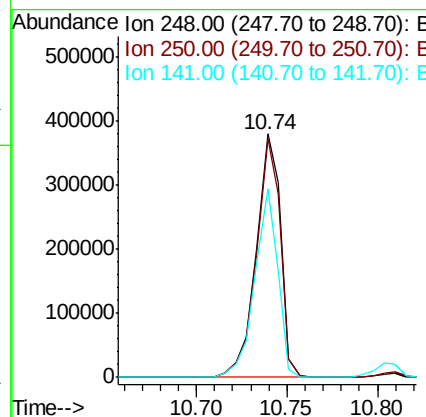
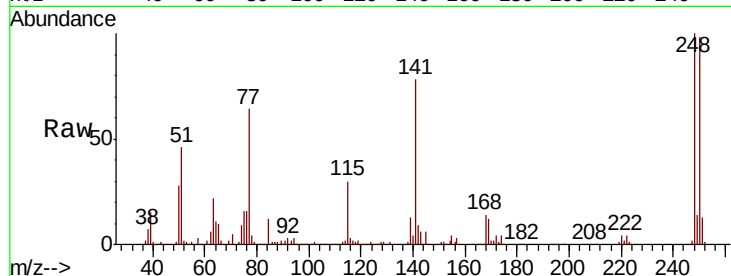
#67
 4-Bromophenyl-phenylether
 Concen: 45.239 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.3	115.9
141	77.5	58.6	87.8

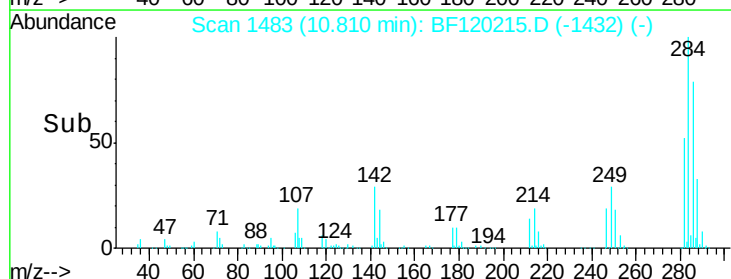
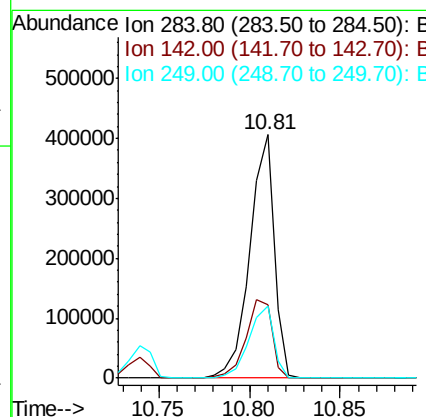
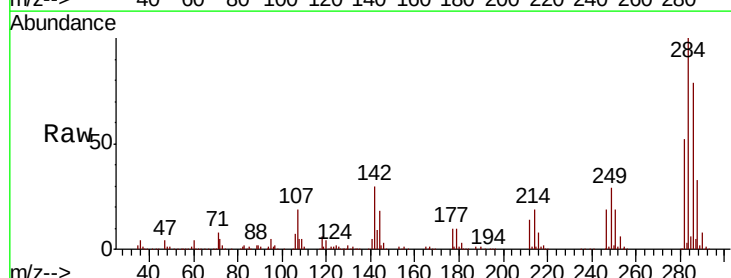
Manual Integrations
 APPROVED

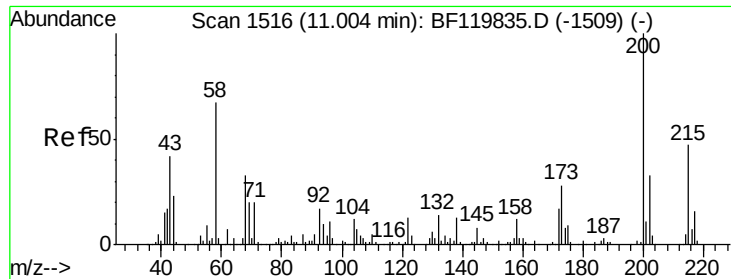
mohammad
 4/28/2020 11:08:30 PM



#68
 Hexachlorobenzene
 Concen: 47.540 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	29.2	43.8
249	29.5	25.1	37.7





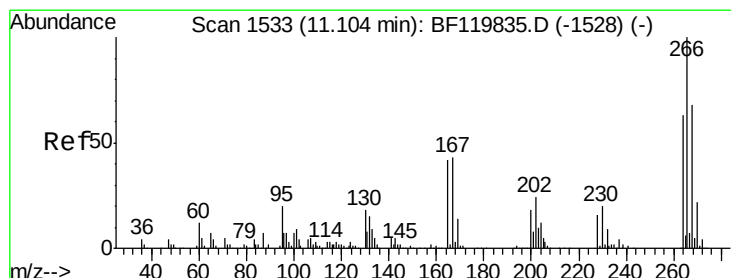
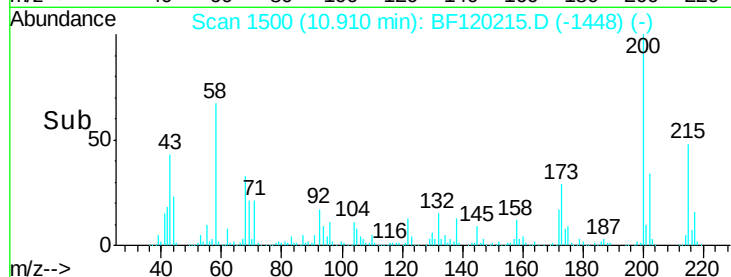
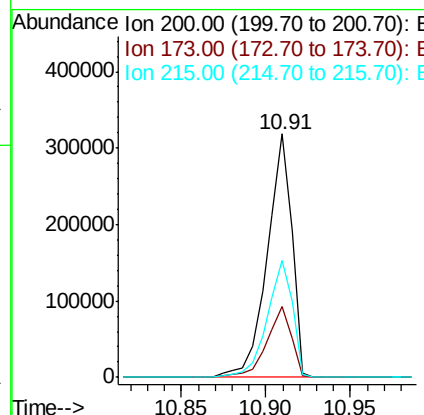
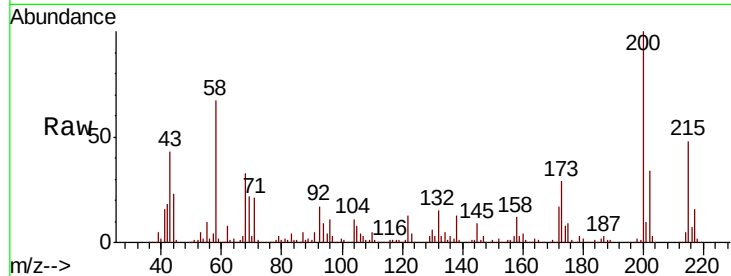
#69
Atrazine
Concen: 54.868 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	9.3	49.3
215	48.0	29.5	69.5

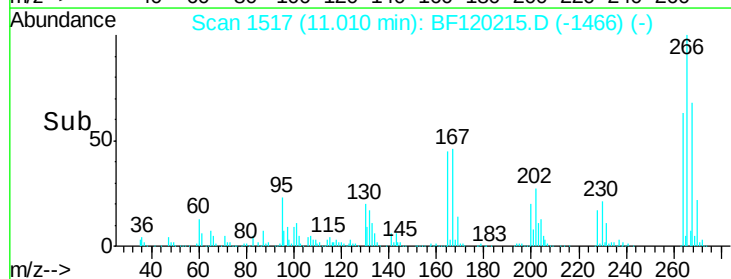
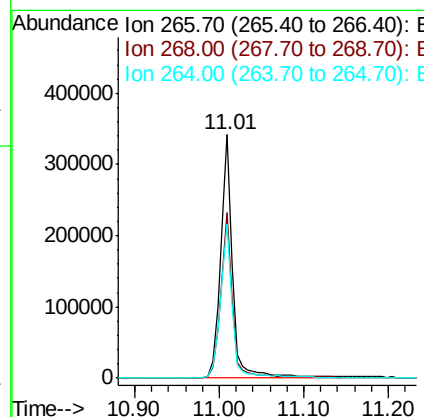
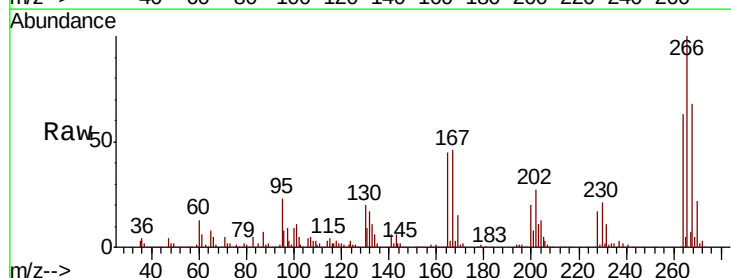
Manual Integrations
APPROVED

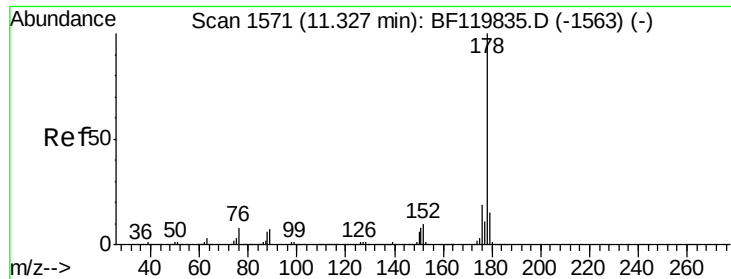
mohammad
4/28/2020 11:08:30 PM



#70
Pentachlorophenol
Concen: 77.116 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	53.3	79.9
264	63.4	49.0	73.4





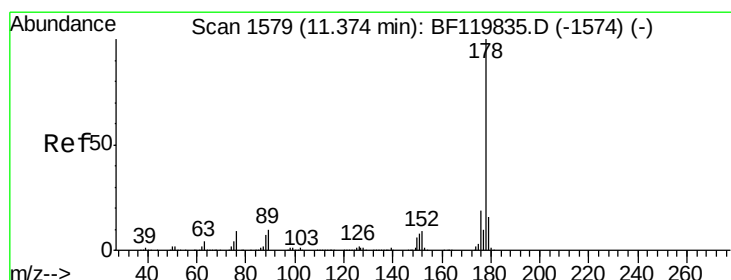
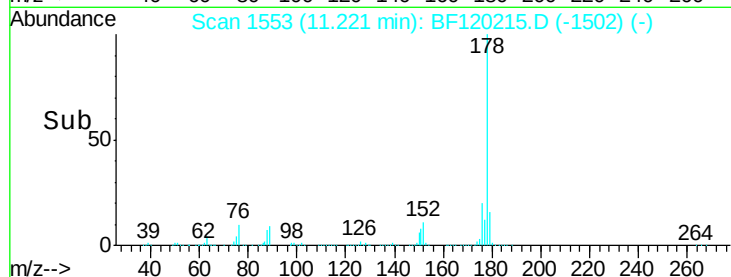
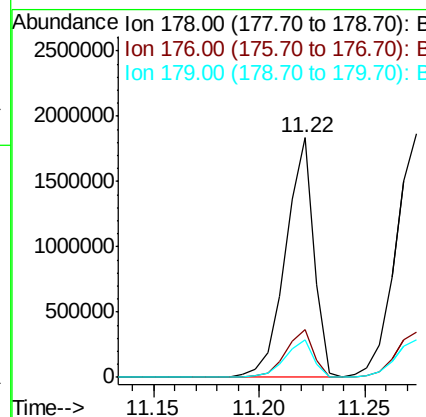
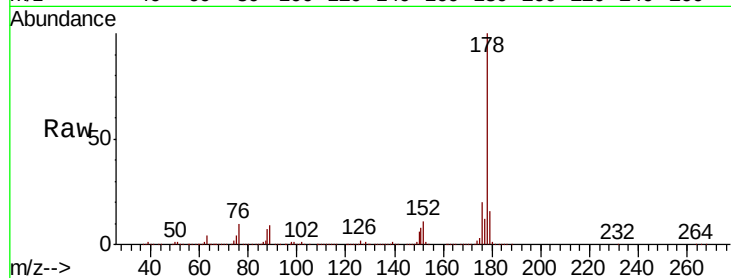
#71
Phenanthrene
Concen: 50.671 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion:178 Resp: 1707230
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.9 13.2 19.8

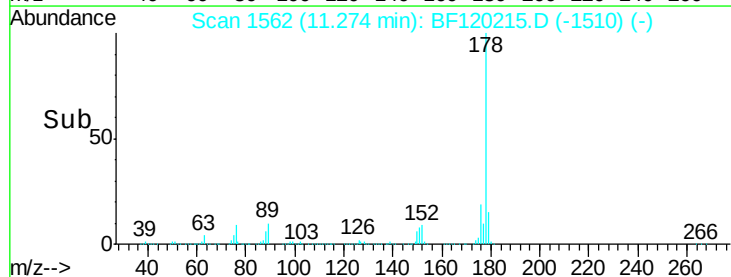
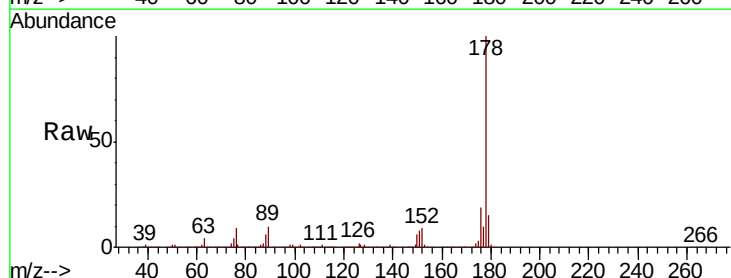
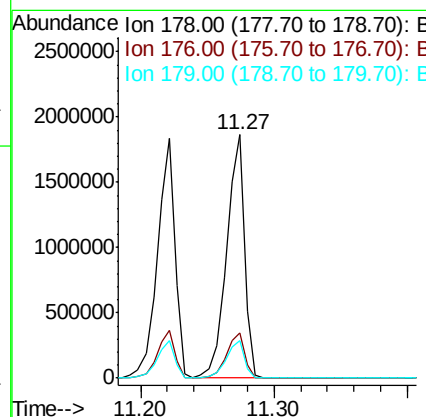
Manual Integrations
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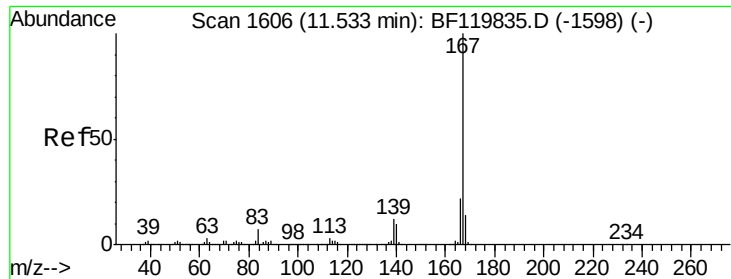
mohammad
4/28/2020 11:08:30 PM



#72
Anthracene
Concen: 51.554 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:178 Resp: 1774457
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.4 13.0 19.4





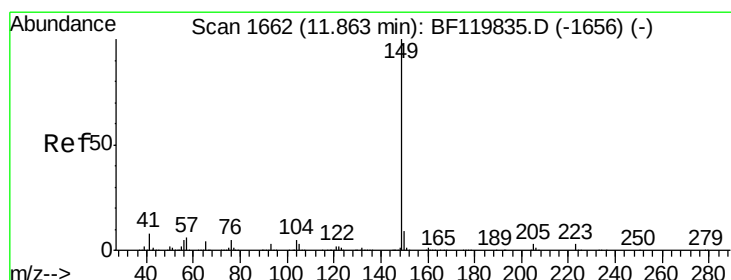
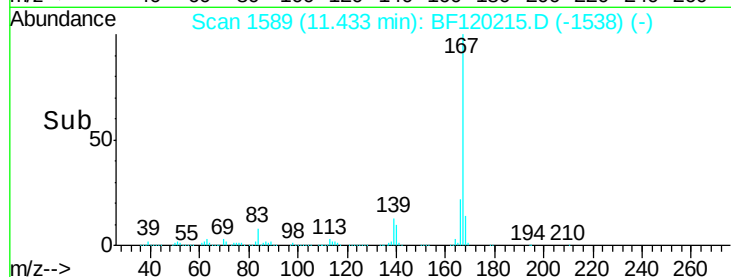
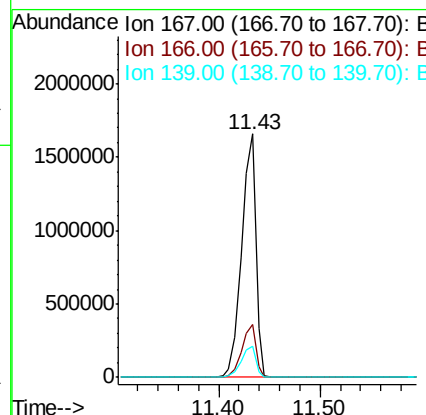
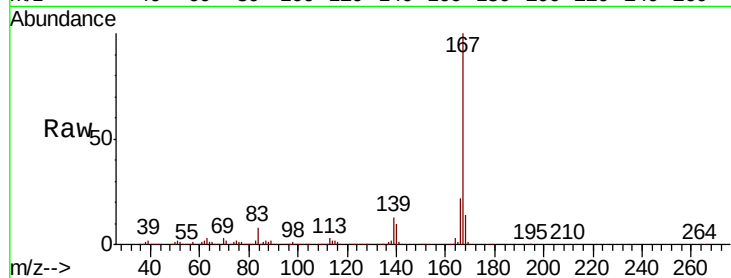
#73
 Carbazole
 Concen: 49.770 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion:167 Resp: 1619976
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.4
 139 12.9 10.7 16.1

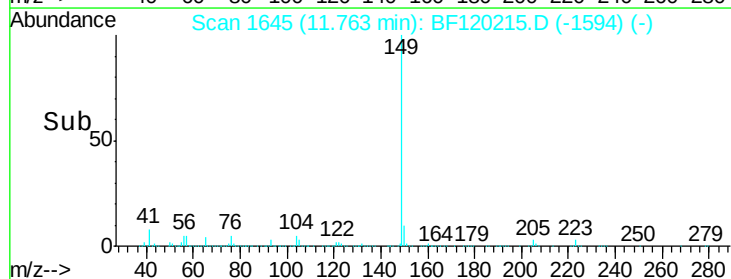
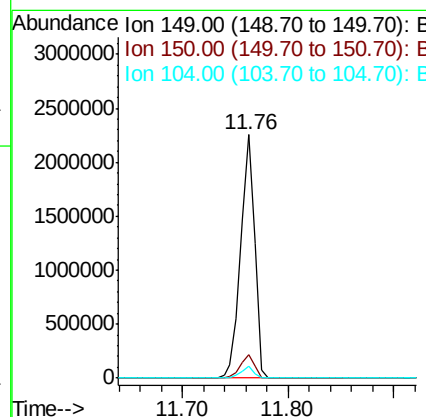
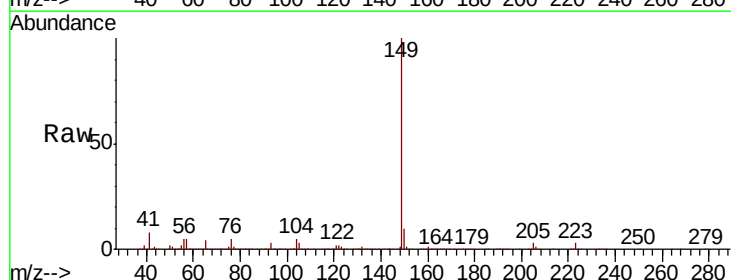
Manual Integrations
 APPROVED

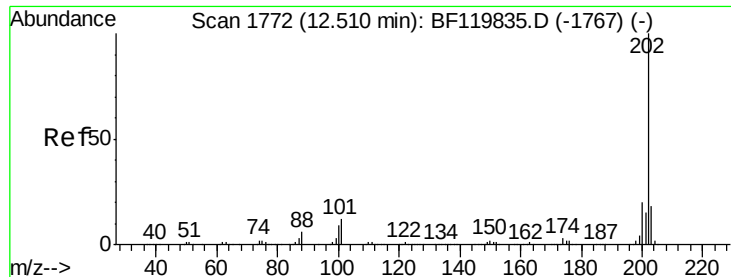
mohammad
 4/28/2020 11:08:30 PM



#74
 Di-n-butylphthalate
 Concen: 47.630 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion:149 Resp: 2038053
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 52.170 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

ClientSampled :

RBR-200010MSD

Tot Ion:202 Resp: 1896583

Ion Ratio Lower Upper

202 100

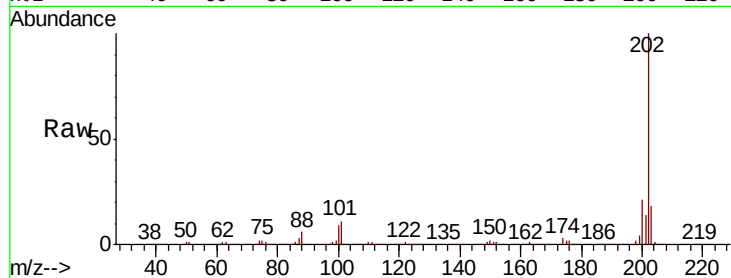
101 11.3 0.0 32.2

203 18.1 0.0 38.8

Manual Integrations
APPROVED

mohammad

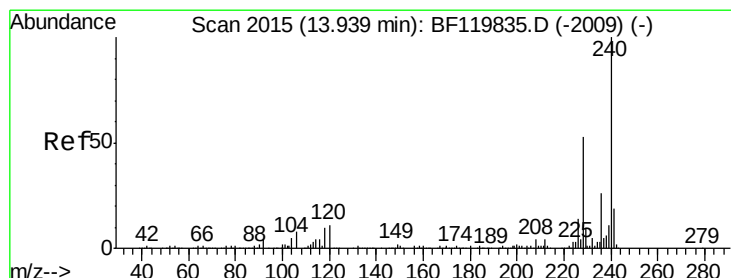
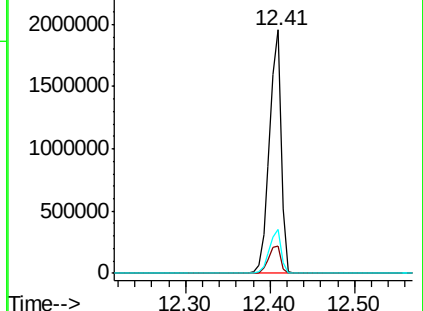
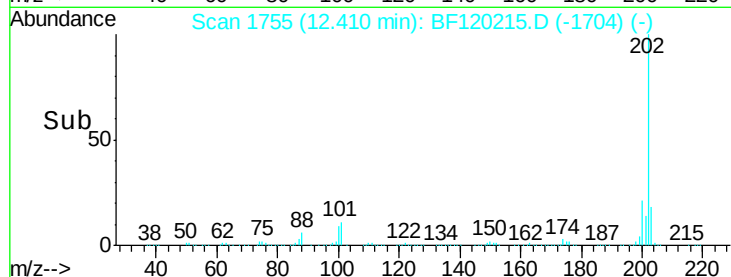
4/28/2020 11:08:30 PM



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: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

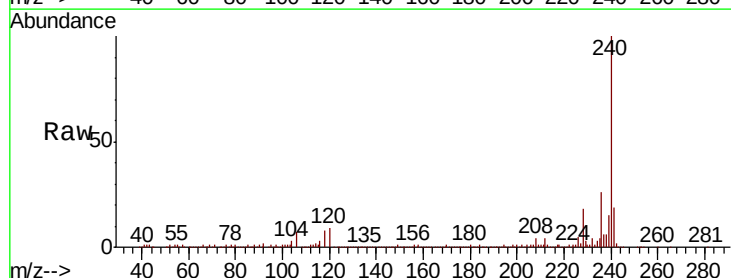
Tgt Ion:240 Resp: 413691

Ion Ratio Lower Upper

240 100

120 8.8 10.6 15.8#

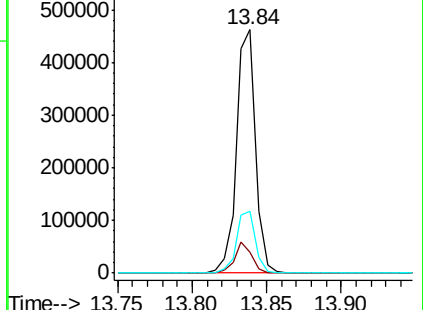
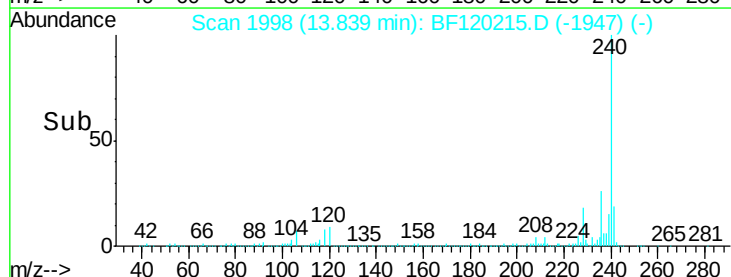
236 25.5 20.2 30.2

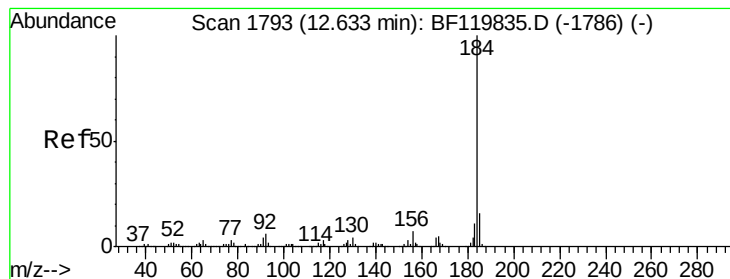


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.794 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

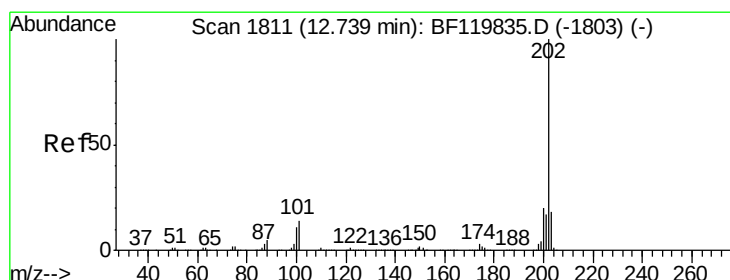
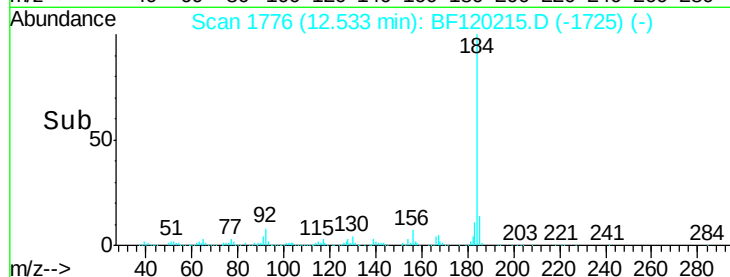
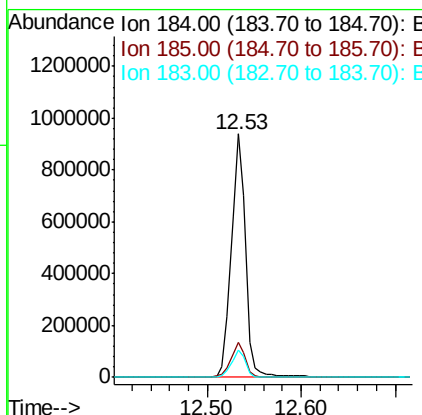
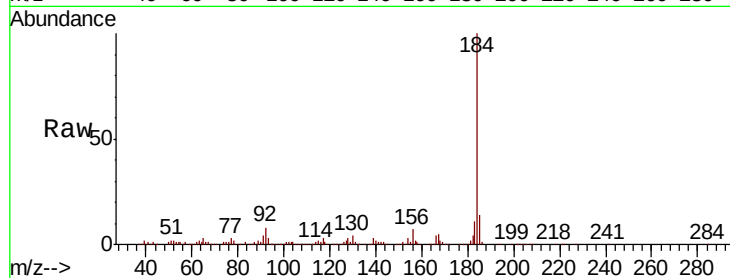
ClientSampleId :

RBR-200010MSD

Tot Ion:	184	Resp:	989985
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.3	18.5
183	11.0	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 53.873 ng

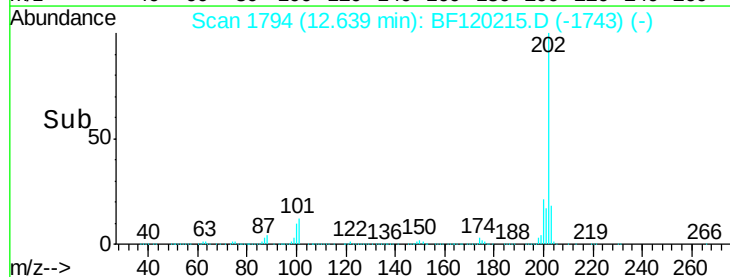
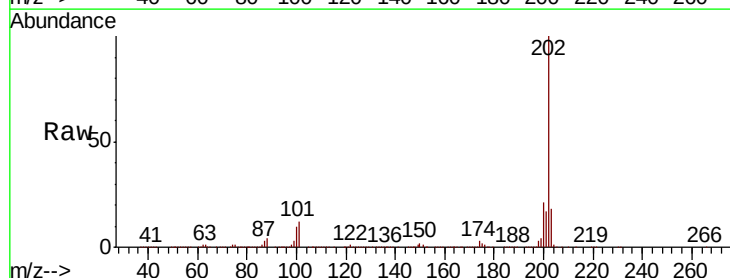
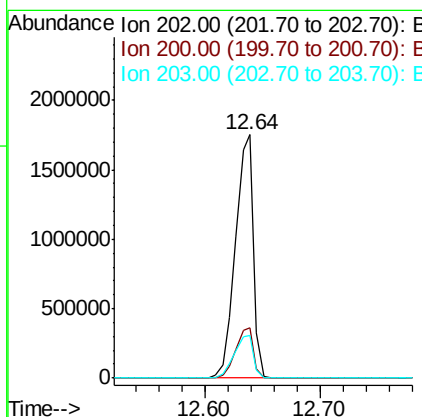
RT: 12.64 min Scan# 1794

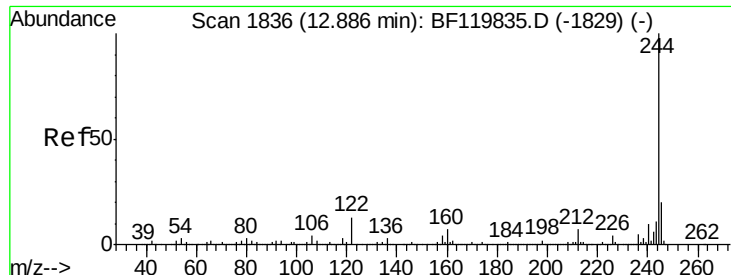
Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion:	202	Resp:	1878826
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	17.6	15.1	22.7





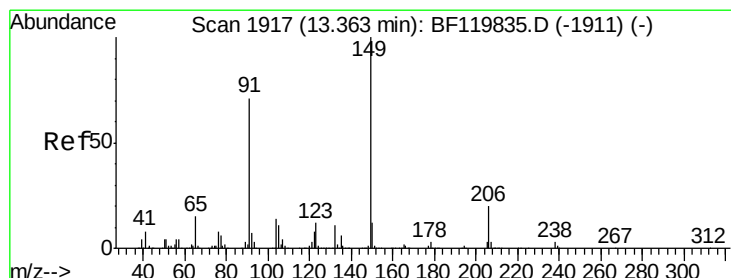
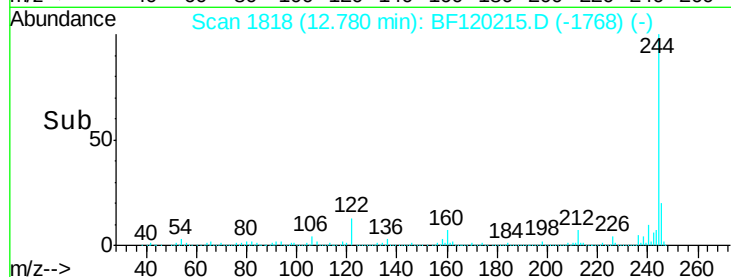
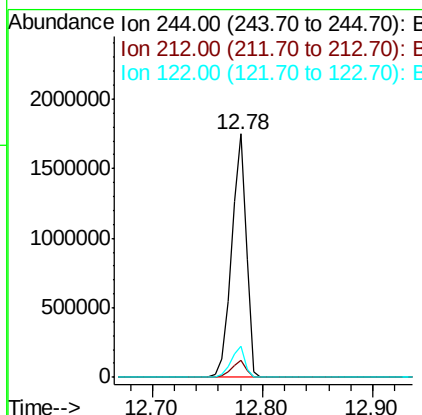
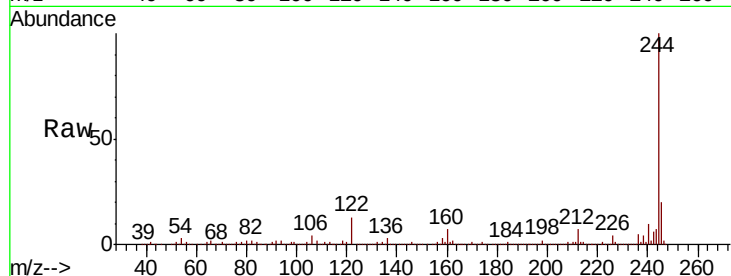
#79
 Terphenyl-d14
 Concen: 66.203 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.0	10.3	15.5

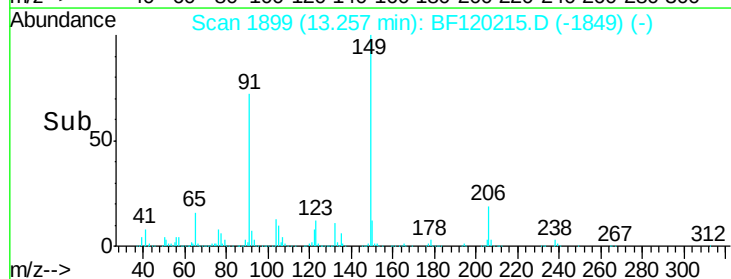
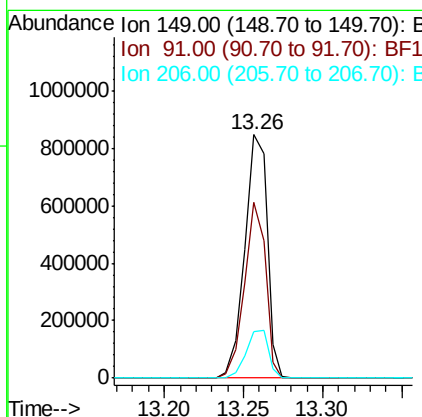
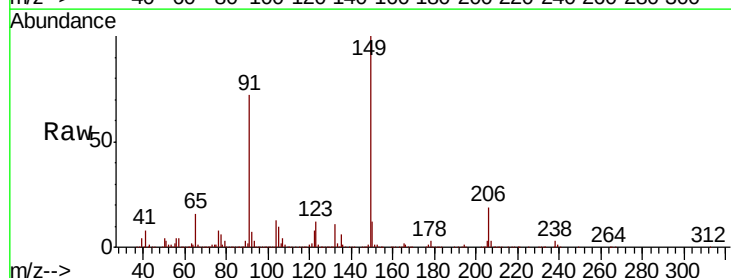
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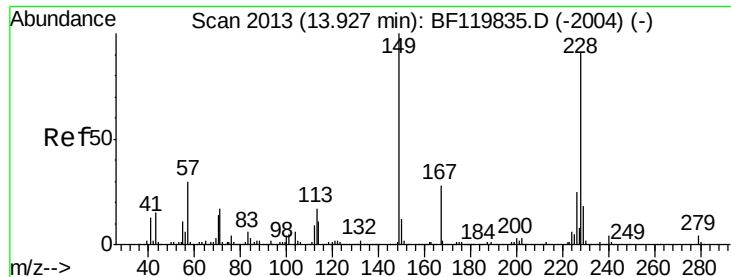
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#80
 Butylbenzylphthalate
 Concen: 48.957 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF120215.D
 Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	54.7	82.1
206	18.9	16.2	24.2





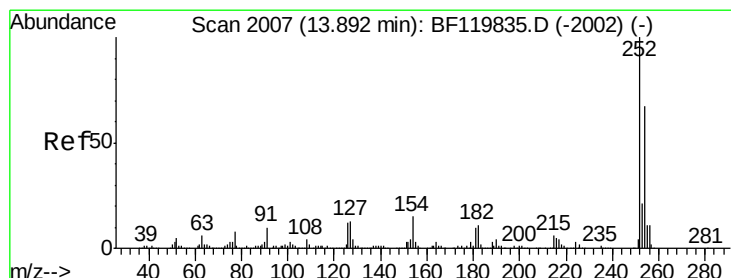
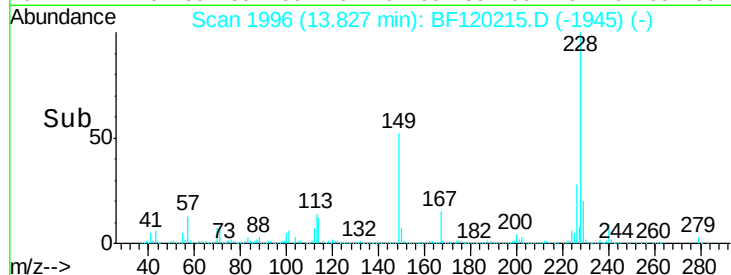
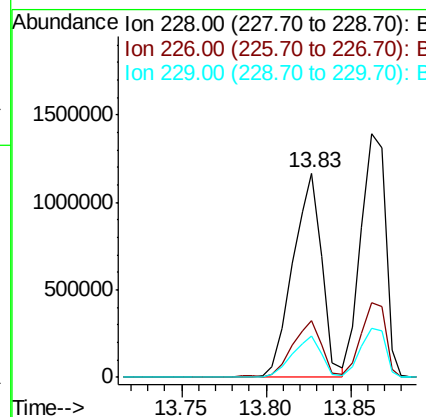
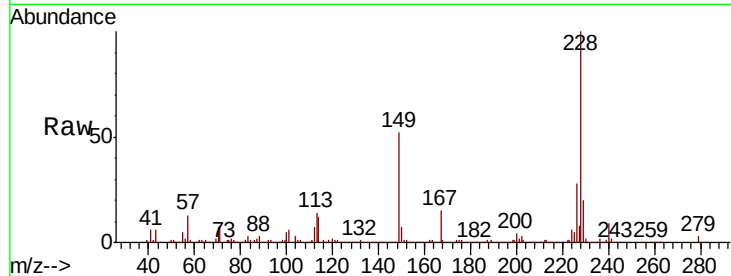
#81
Benzo(a)anthracene
Concen: 51.195 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.0	16.2	24.4

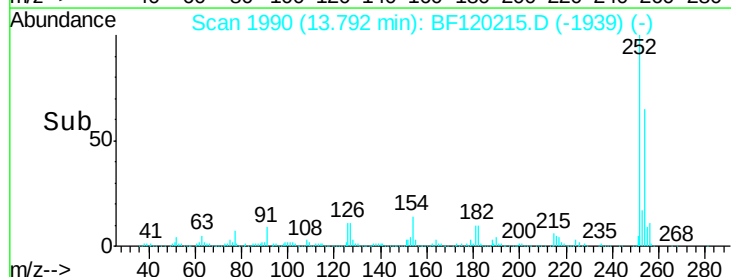
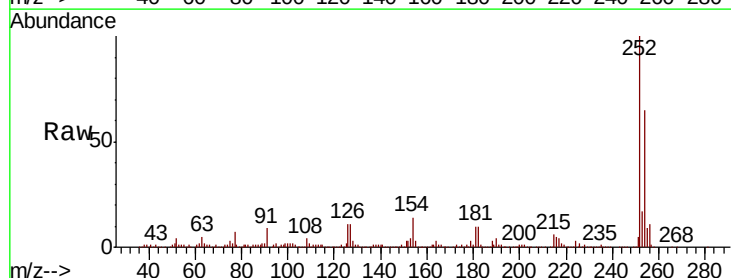
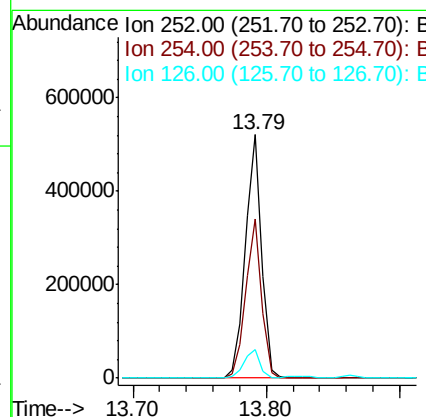
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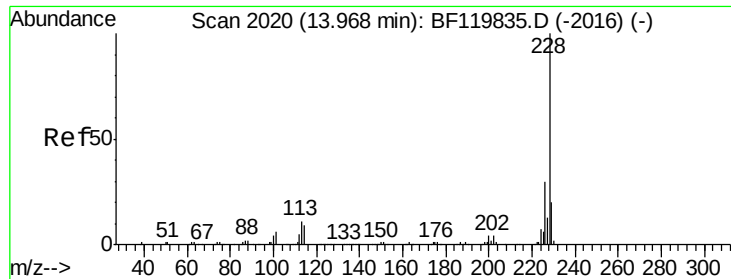
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#82
3,3'-Dichlorobenzidine
Concen: 43.517 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.2	76.8
126	11.5	9.6	14.4





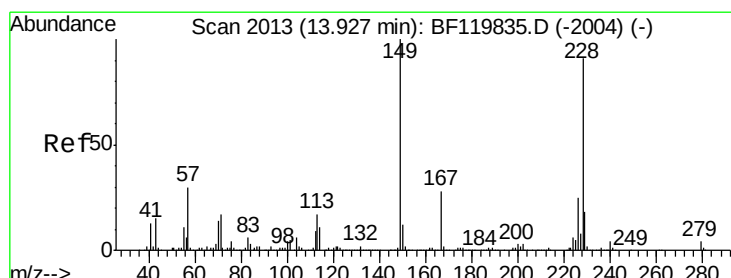
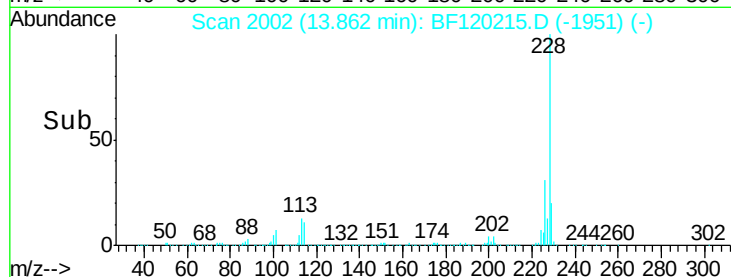
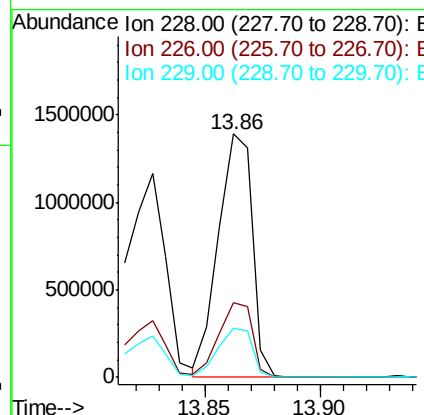
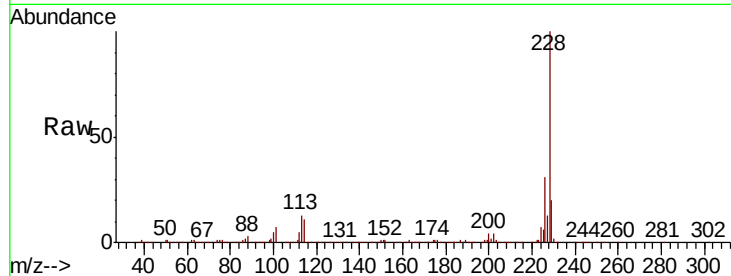
#83
Chrysene
Concen: 51.231 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion:228 Resp: 1416683
Ion Ratio Lower Upper
228 100
226 30.8 25.4 38.0
229 20.3 16.6 24.8

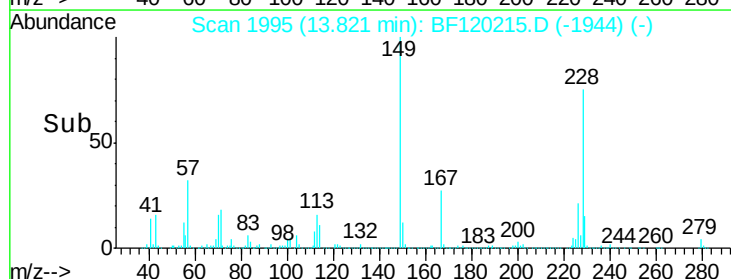
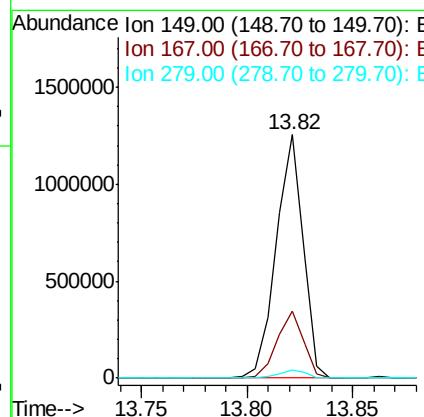
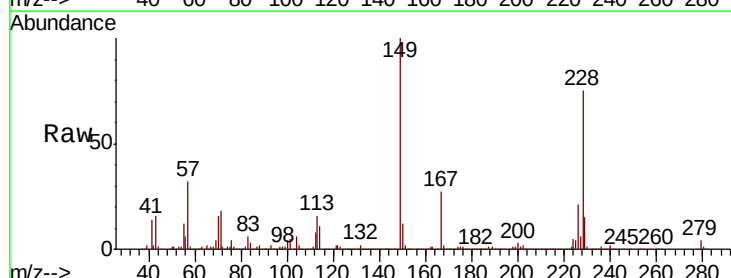
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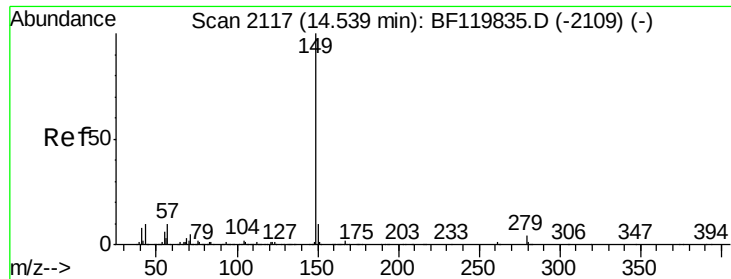
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.577 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion:149 Resp: 1113210
Ion Ratio Lower Upper
149 100
167 27.3 21.3 31.9
279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 46.363 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

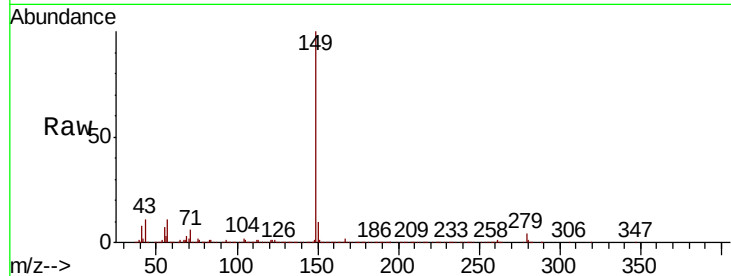
ClientSampleId :

RBR-200010MSD

Tot Ion:	149	Resp:	1809040
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	9.3	13.9

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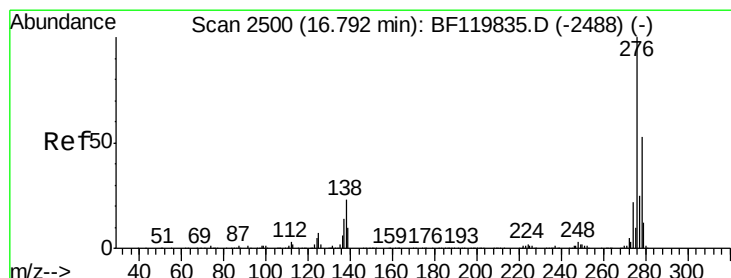
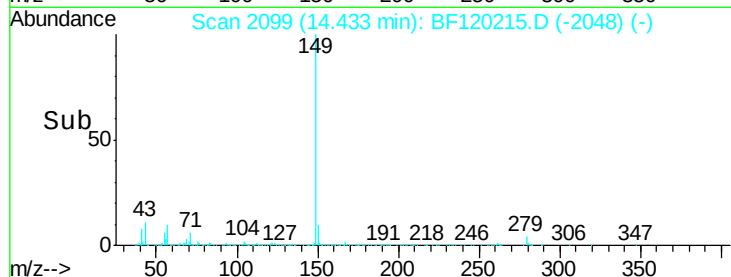
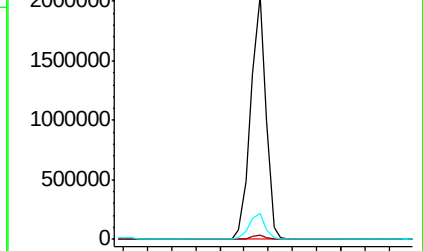
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 52.962 ng

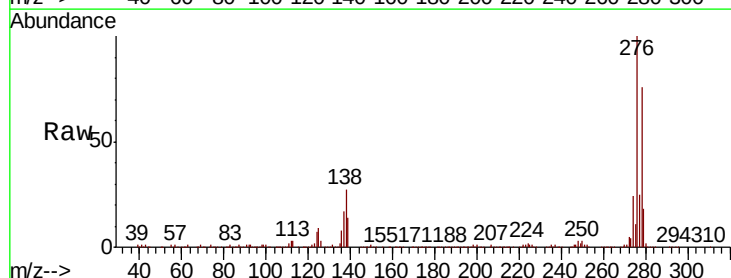
RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

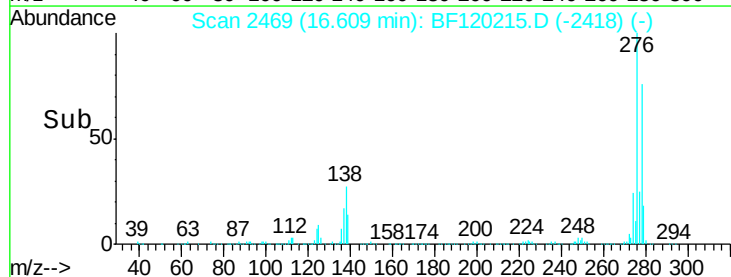
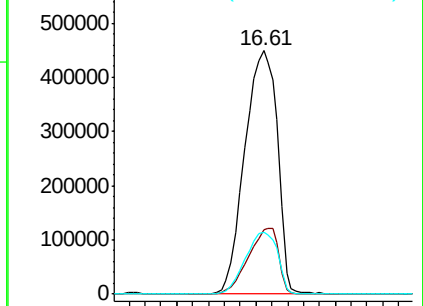
Tgt Ion:	276	Resp:	1291008
Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.6	29.4
277	25.1	20.0	30.0

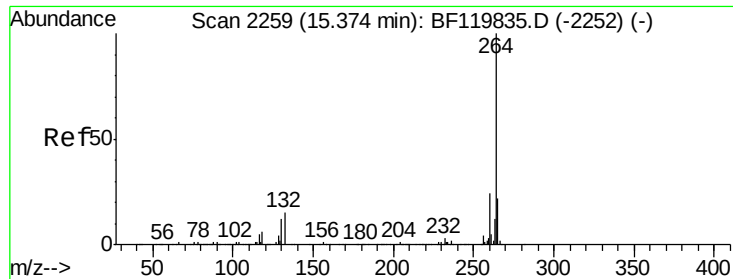


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF120215.D

Acq: 27 Apr 2020 13:34

Instrument :

BNA_F

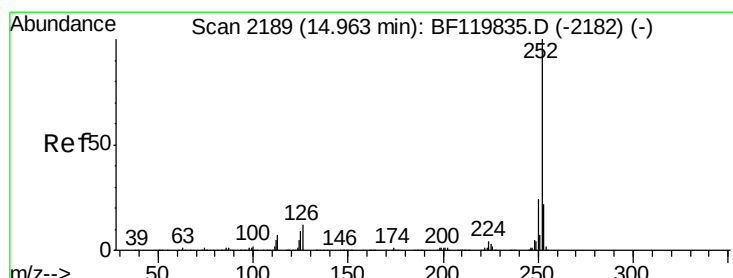
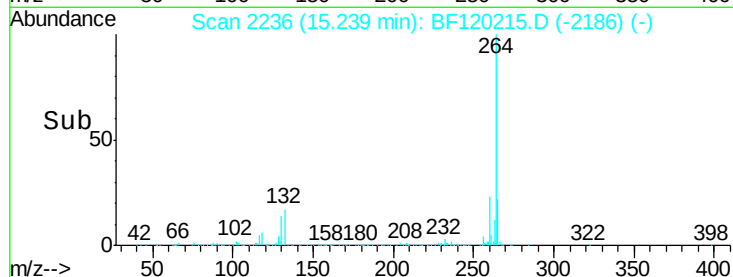
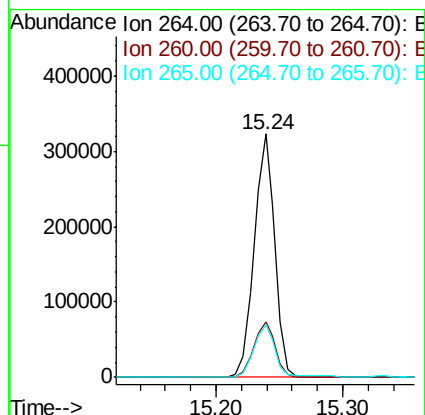
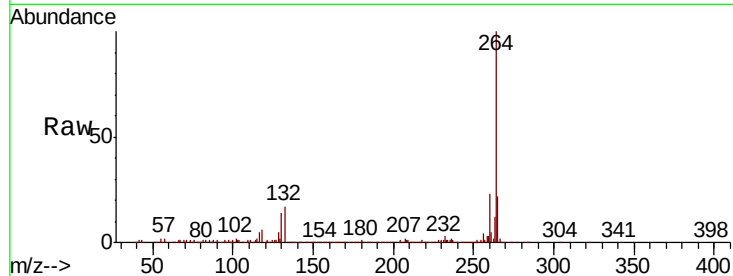
ClientSampleId :

RBR-200010MSD

Tot Ion:	264	Resp:	367810
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	21.9	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 53.512 ng

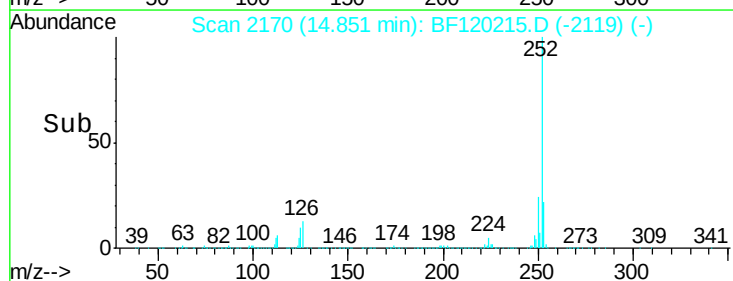
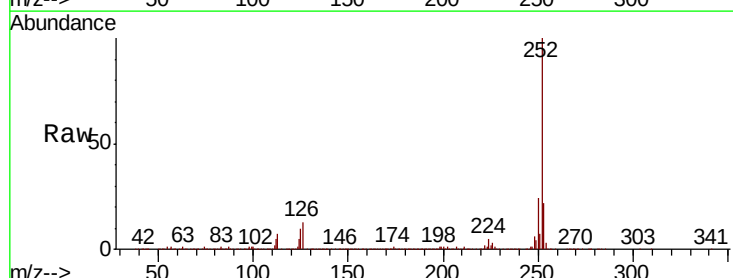
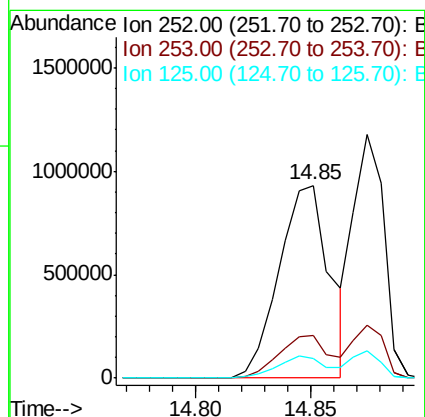
RT: 14.85 min Scan# 2170

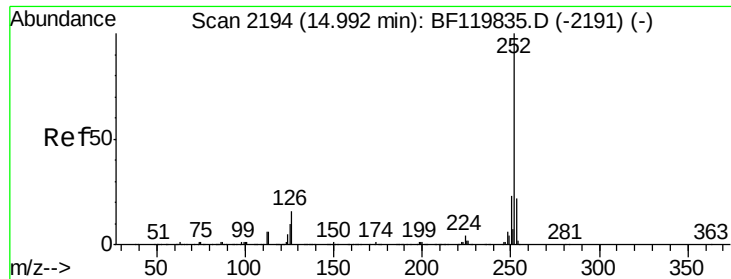
Delta R.T. -0.00 min

Lab File: BF120215.D

Acq: 27 Apr 2020 13:34

Tgt Ion:	252	Resp:	1415901
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	10.0	7.9	11.9





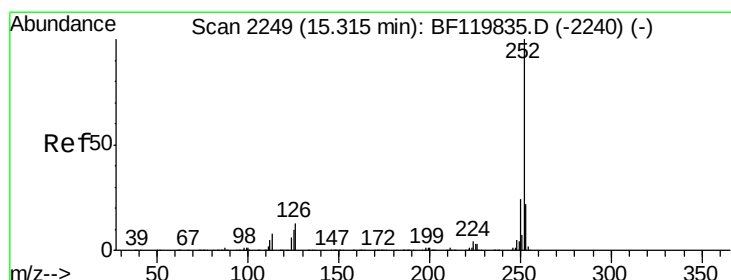
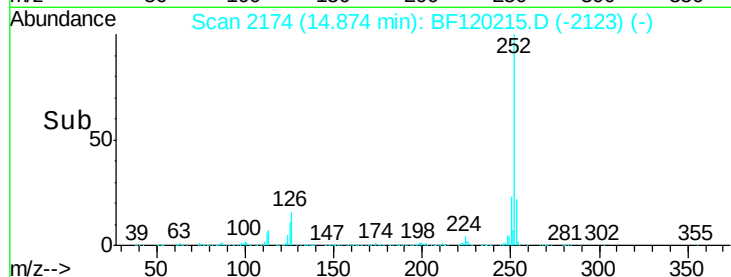
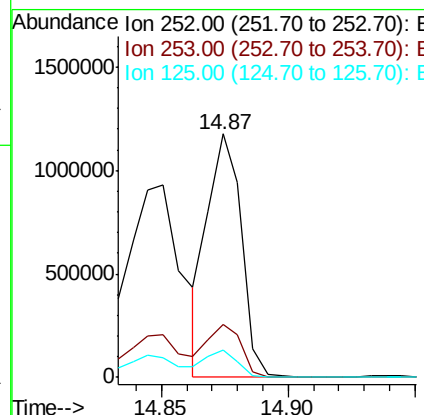
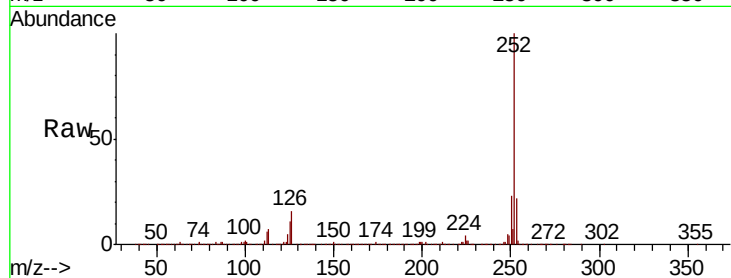
#89
Benzo(k)fluoranthene
Concen: 47.547 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	11.5	8.4	12.6

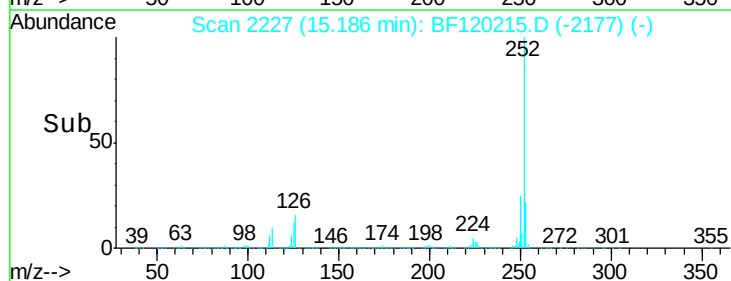
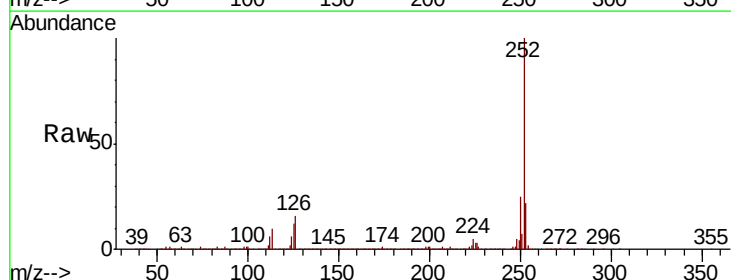
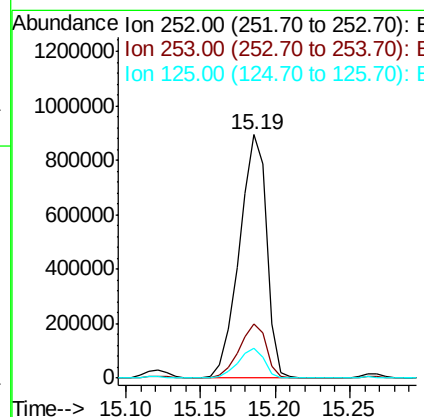
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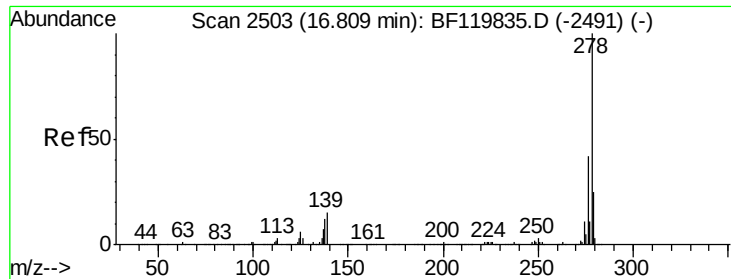
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#90
Benzo(a)pyrene
Concen: 51.259 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	12.2	9.4	14.2





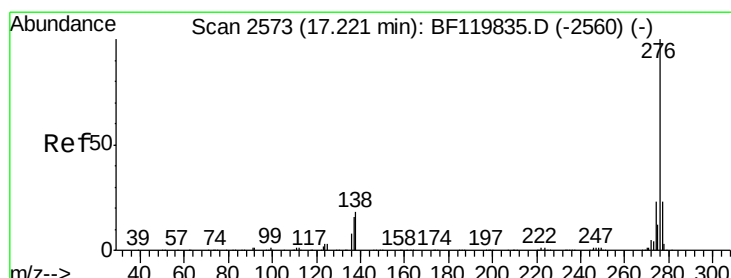
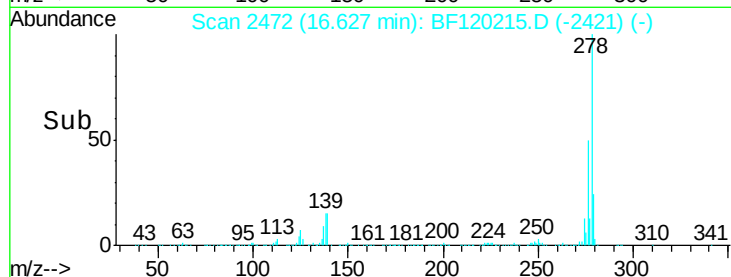
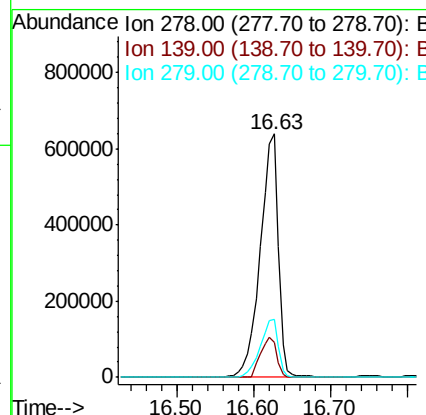
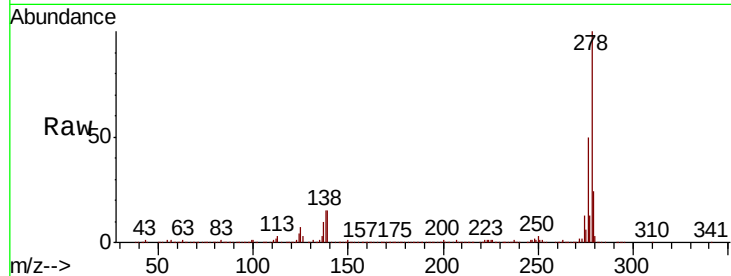
#91
Dibenzo(a,h)anthracene
Concen: 53.830 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Instrument :
BNA_F
ClientSampleId :
RBR-200010MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.6	19.0
279	23.8	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 55.431 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF120215.D
Acq: 27 Apr 2020 13:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	19.6	15.4	23.0

