

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119902.D
 Acq On : 10 Apr 2020 18:39
 Operator : MA/SJ
 Sample : L2201-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Manual Integrations
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mohammad
 4/14/2020 3:39:10 PM

Quant Time: Apr 11 02:17:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	199095	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	783562	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	411905	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	782960	20.00	ng	0.00
76) Chrysene-d12	13.93	240	506261	20.00	ng	0.00
87) Perylene-d12	15.36	264	450506	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1059762	91.99	ng	0.01
7) Phenol-d6	6.39	99	1411216	95.07	ng	0.00
23) Nitrobenzene-d5	7.32	82	886098	58.50	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	432729	85.81	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1702309	58.68	ng	0.00
79) Terphenyl-d14	12.87	244	1829648	60.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	189231	36.878	ng	97
3) Pyridine	3.20	79	548781	38.981	ng	99
4) n-Nitrosodimethylamine	3.16	42	327345	45.508	ng	97
6) Aniline	6.42	93	882937	45.316	ng	95
8) 2-Chlorophenol	6.54	128	672820	52.270	ng	98
9) Benzaldehyde	6.30	77	315251	39.286	ng	96
10) Phenol	6.41	94	861193	51.136	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	620241	47.698	ng	98
12) 1,3-Dichlorobenzene	6.69	146	644217	45.714	ng	99
13) 1,4-Dichlorobenzene	6.77	146	652041	45.422	ng	99
14) 1,2-Dichlorobenzene	6.93	146	620536	46.905	ng	97
15) Benzyl Alcohol	6.90	79	557145	48.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1124716	44.449	ng	99
17) 2-Methylphenol	7.02	107	546070	47.537	ng	97
18) Hexachloroethane	7.27	117	247771	46.183	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	459113	48.095	ng	97
20) 3+4-Methylphenols	7.17	107	660677	47.026	ng	99
22) Acetophenone	7.17	105	861675	46.962	ng	94
24) Nitrobenzene	7.34	77	700173	45.954	ng	99
25) Isophorone	7.59	82	1321475	45.260	ng	99
26) 2-Nitrophenol	7.66	139	368569	48.419	ng	96
27) 2,4-Dimethylphenol	7.70	122	577666	50.317	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	827033	48.137	ng	99
29) 2,4-Dichlorophenol	7.90	162	570308	48.463	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	590228	44.265	ng	97
31) Naphthalene	8.06	128	1878706	45.571	ng	100
32) Benzoic acid	7.85	122	487194	48.320	ng	97
33) 4-Chloroaniline	8.12	127	679285	37.849	ng	96
34) Hexachlorobutadiene	8.18	225	334846	41.951	ng	99
35) Caprolactam	8.50	113	172165m	47.827	ng	
36) 4-Chloro-3-methylphenol	8.60	107	625613	49.104	ng	96
37) 2-Methylnaphthalene	8.76	142	1299993	46.512	ng	99
38) 1-Methylnaphthalene	8.86	142	1241966	47.145	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	563129	43.285	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	679675	91.875	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	431271	48.005	nq	96
44) 2,4,5-Trichlorophenol	9.07	196	454376	44.906	nq	99
46) 1,1'-Biphenyl	9.22	154	1564581	45.002	nq	98
47) 2-Chloronaphthalene	9.25	162	1223907	45.698	nq	98
48) 2-Nitroaniline	9.35	65	459063	47.298	nq	97
49) Acenaphthylene	9.66	152	1920208	47.143	nq	99
50) Dimethylphthalate	9.53	163	1671462	52.462	nq	99
51) 2,6-Dinitrotoluene	9.59	165	338651	48.539	nq	96
52) Acenaphthene	9.83	154	1404178m	51.680	nq	
53) 3-Nitroaniline	9.76	138	291370	36.566	nq	98
54) 2,4-Dinitrophenol	9.87	184	420088	100.570	nq	98
55) Dibenzofuran	10.00	168	1727310	46.327	nq	97
56) 4-Nitrophenol	9.93	139	573774	96.778	nq	88
57) 2,4-Dinitrotoluene	9.99	165	439991	47.866	nq	91
58) Fluorene	10.35	166	1336794	44.831	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	381234	49.263	nq	97
60) Diethylphthalate	10.23	149	1503489	45.531	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	645964	42.267	nq	95
62) 4-Nitroaniline	10.38	138	368448	48.520	nq	97
63) Azobenzene	10.50	77	1415262	47.824	nq	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	261048	50.608	nq	91
66) n-Nitrosodiphenylamine	10.46	169	1254701	48.185	nq	98
67) 4-Bromophenyl-phenylether	10.83	248	435176	44.693	nq	93
68) Hexachlorobenzene	10.90	284	467882	47.368	nq	95
69) Atrazine	11.00	200	373228	51.516	nq	96
70) Pentachlorophenol	11.09	266	509545	89.515	nq	99
71) Phenanthrene	11.31	178	1946428	46.711	nq	98
72) Anthracene	11.36	178	2008416	47.181	nq	99
73) Carbazole	11.52	167	1868040	46.404	nq	99
74) Di-n-butylphthalate	11.85	149	2323504	43.906	nq	99
75) Fluoranthene	12.50	202	2094385	46.582	nq	99
77) Benzidine	12.63	184	1407481	82.246	nq	97
78) Pyrene	12.73	202	2111191	49.467	nq	99
80) Butylbenzylphthalate	13.35	149	921499	44.497	nq	100
81) Benzo(a)anthracene	13.92	228	1550299	46.548	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	471702	37.958	nq	97
83) Chrysene	13.96	228	1600043	47.281	nq	98
84) Bis(2-ethylhexyl)phthalate	13.91	149	1143361	40.770	nq	98
85) Di-n-octyl phthalate	14.53	149	1897029	39.728	nq	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1474051	49.414	nq	99
88) Benzo(b)fluoranthene	14.95	252	1510235	46.600	nq	99
89) Benzo(k)fluoranthene	14.98	252	1392134	49.786	nq	99
90) Benzo(a)pyrene	15.30	252	1296601	47.584	nq	99
91) Dibenzo(a,h)anthracene	16.79	278	1211201	50.181	nq	98
92) Benzo(g,h,i)perylene	17.20	276	1241320	52.101	nq	98

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



#1

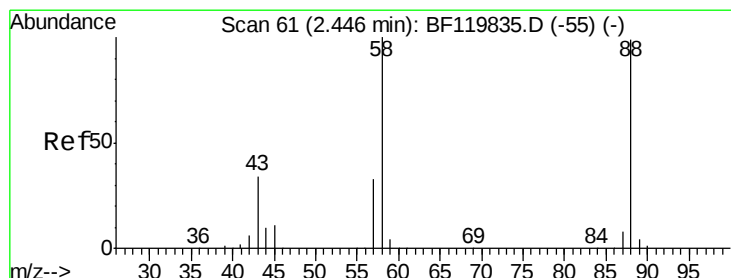
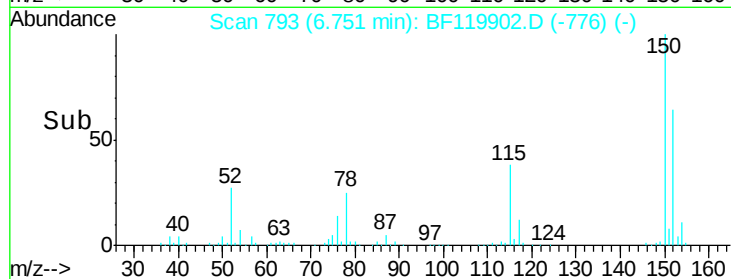
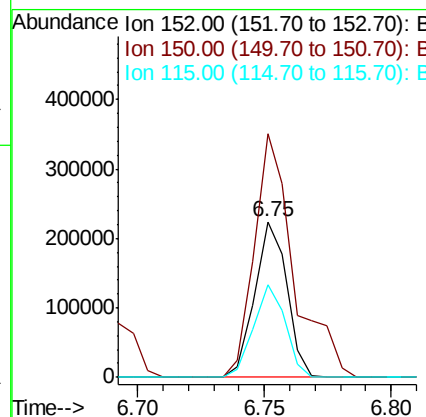
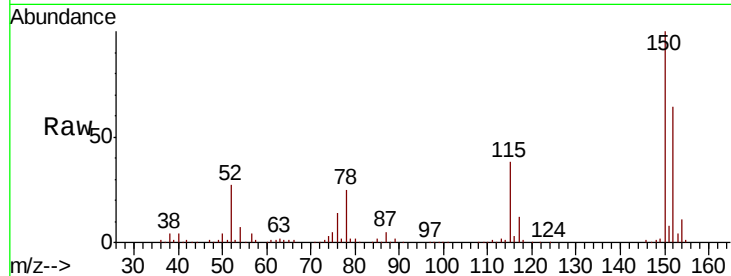
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.8	187.2
115	59.8	46.5	69.7

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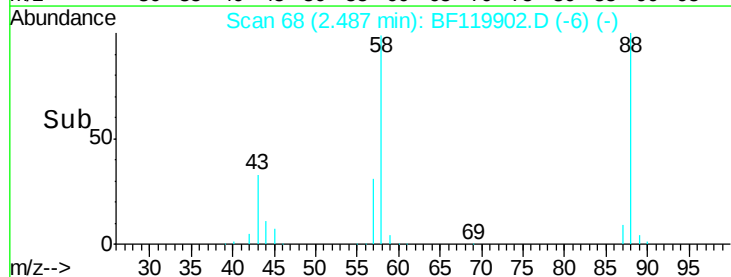
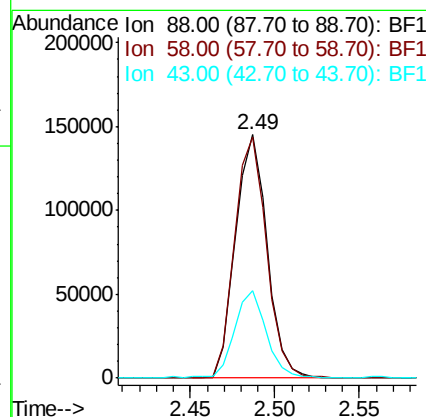
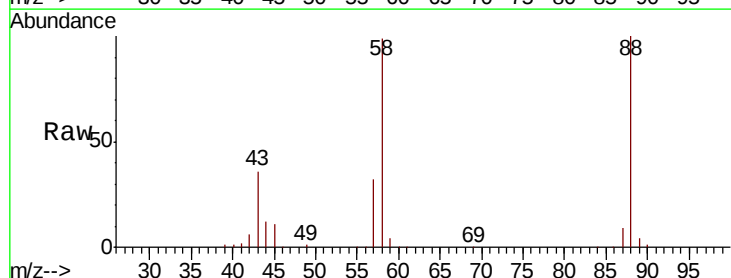
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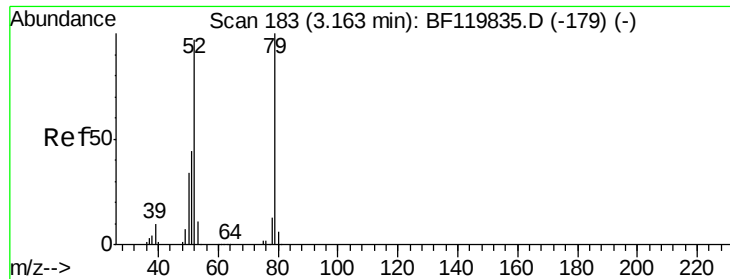


#2

1,4-Dioxane
Concen: 36.878 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.06 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	82.6	123.8
43	35.5	28.6	42.8





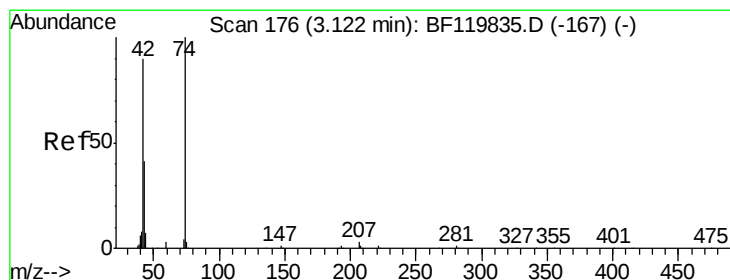
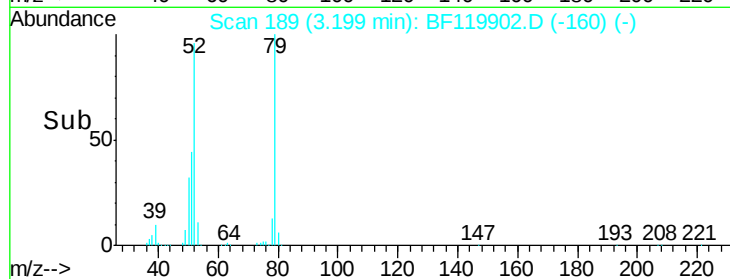
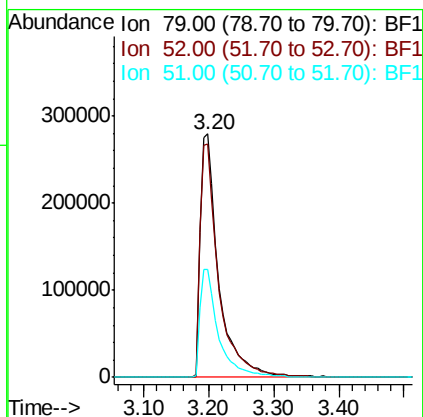
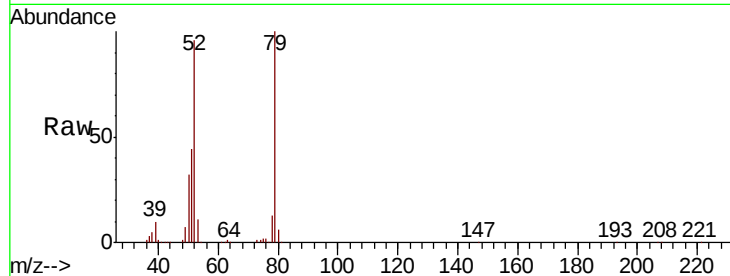
#3
 Pvridine
 Concen: 38.981 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.07 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	95.7	77.4	116.0
51	51	44.4	35.3	52.9

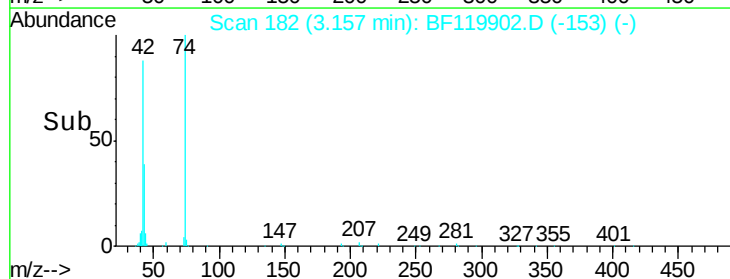
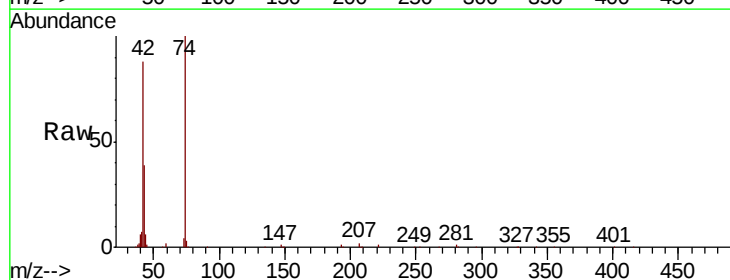
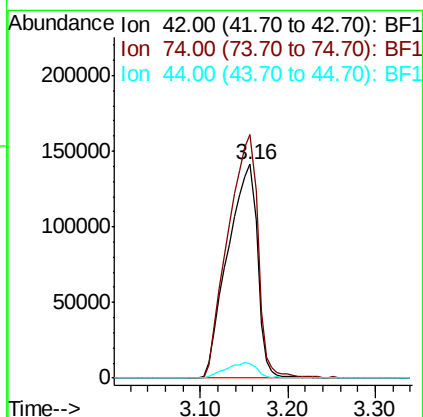
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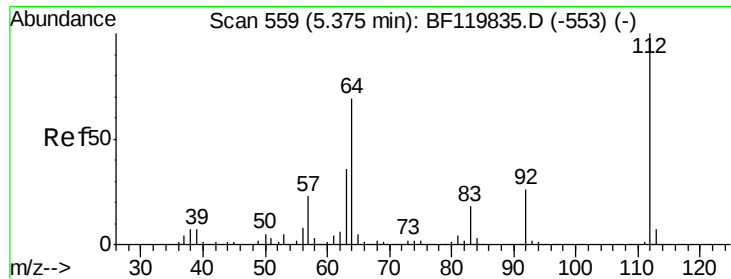
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#4
 n-Nitrosodimethylamine
 Concen: 45.508 ng
 RT: 3.16 min Scan# 182
 Delta R.T. 0.07 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	113.9	89.0	133.4
44	44	6.8	6.2	9.4





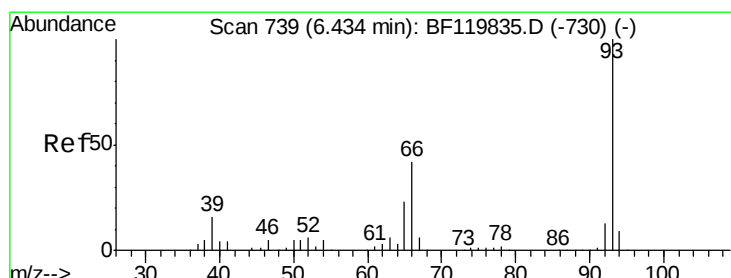
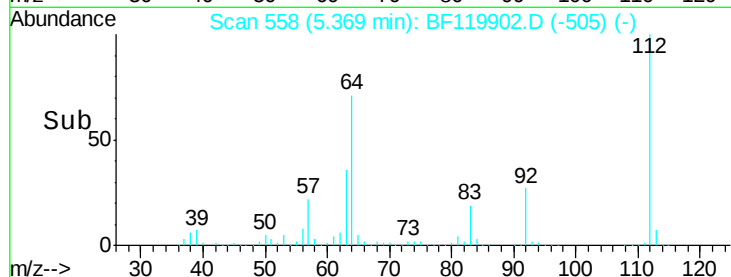
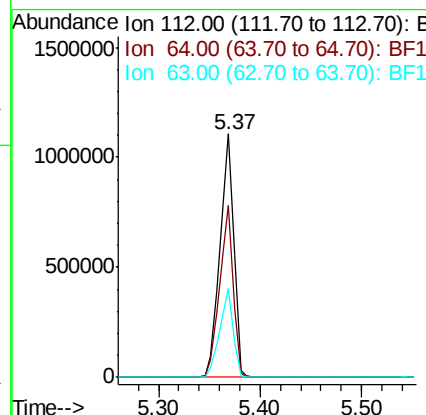
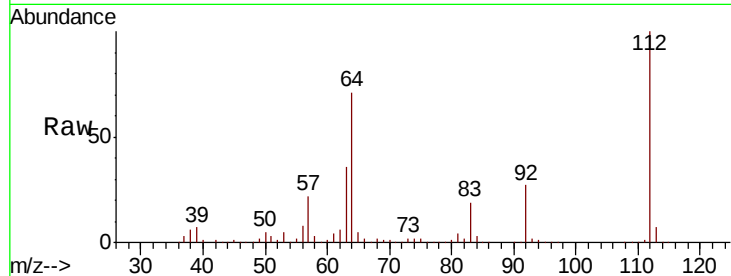
#5
2-Fluorophenol
Concen: 91.989 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	70.8	55.5	83.3
63	36.3	29.1	43.7

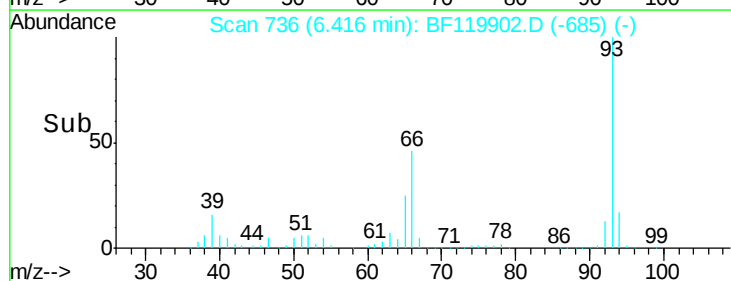
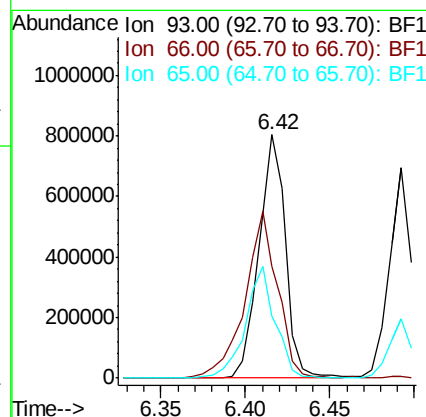
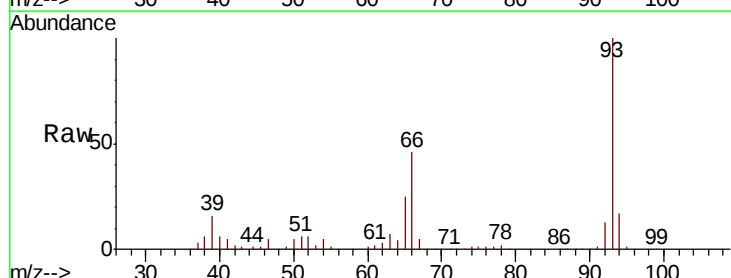
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#6
Aniline
Concen: 45.316 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.8	34.2	51.2
65	25.3	18.3	27.5





#7

Phenol-d6

Concen: 95.065 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

CG-SUBMSD

Tot Ion: 99 Resp: 1411216

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

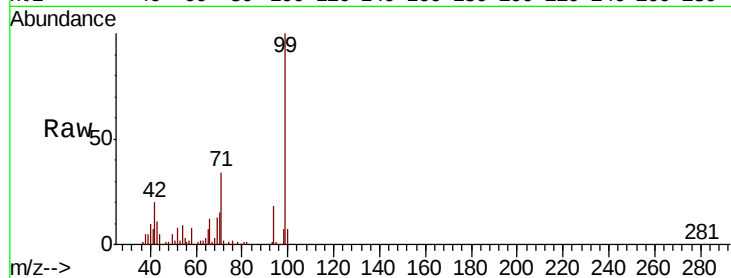
71 33.5 26.3 39.5

Manual Integrations

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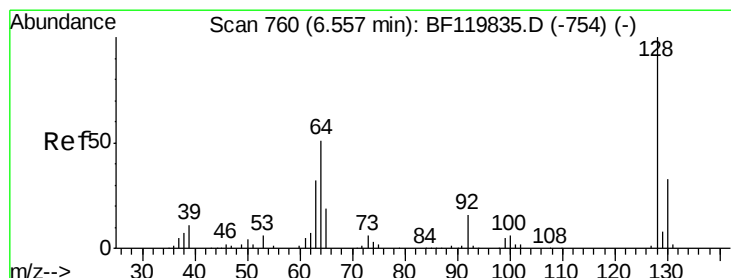
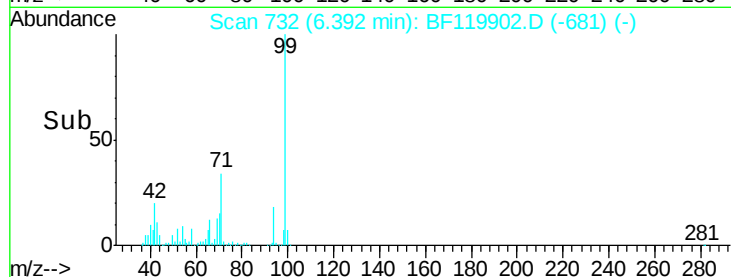
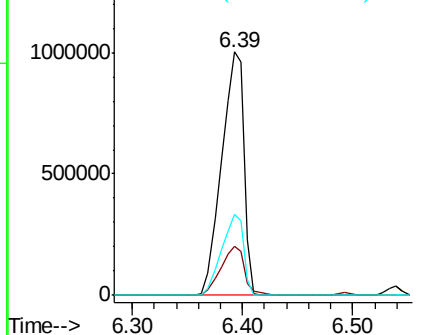
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.270 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

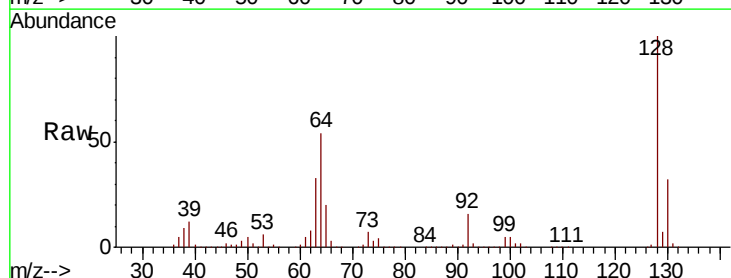
Tgt Ion: 128 Resp: 672820

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

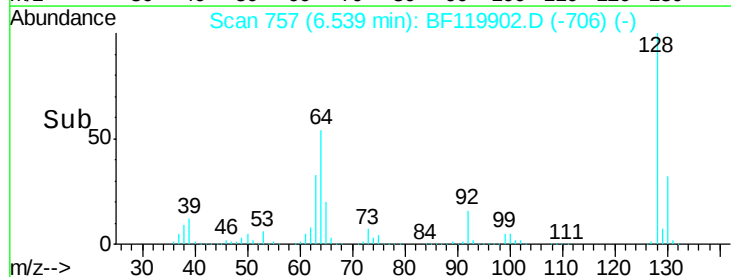
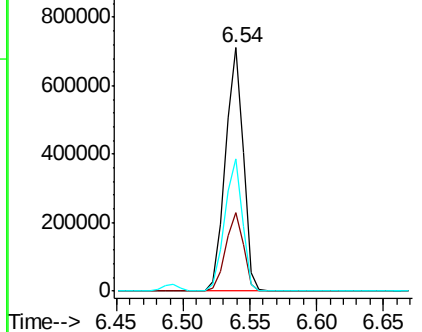
64 54.1 32.0 72.0

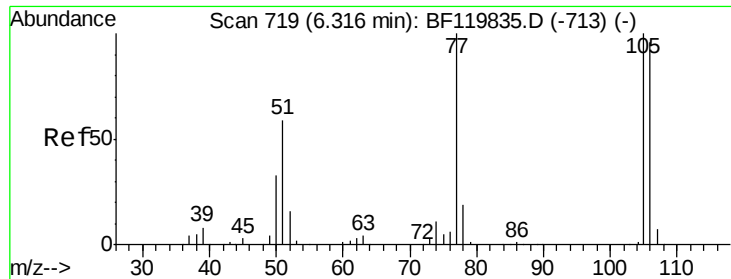


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





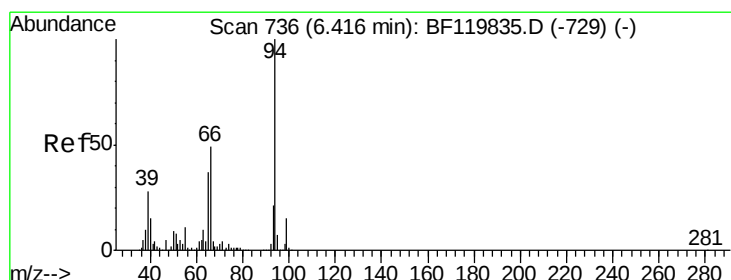
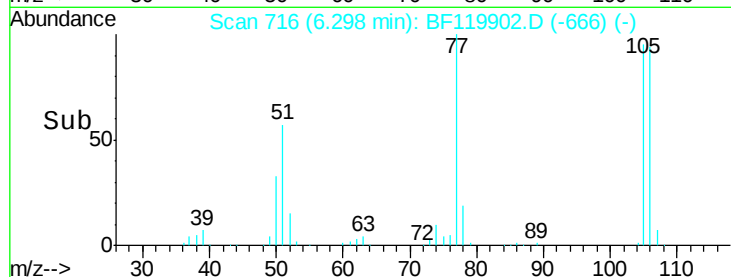
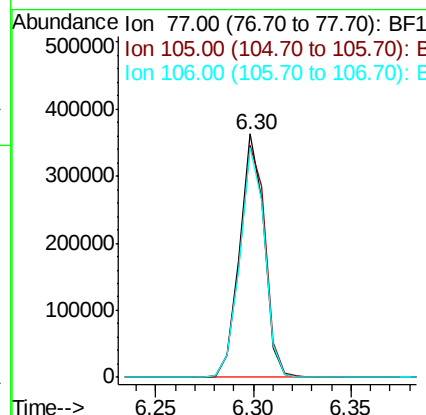
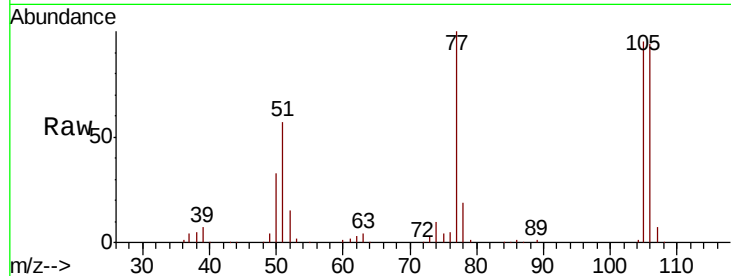
#9
Benzaldehyde
Concen: 39.286 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.1	79.9	119.9
106	94.1	76.4	116.4

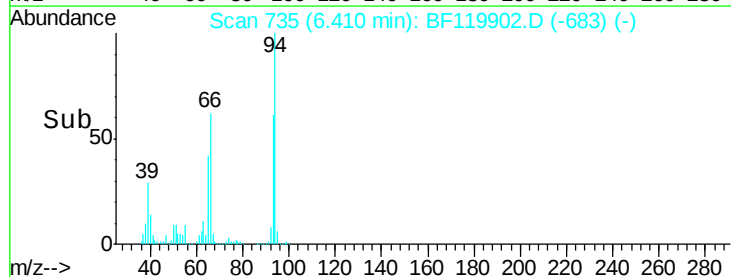
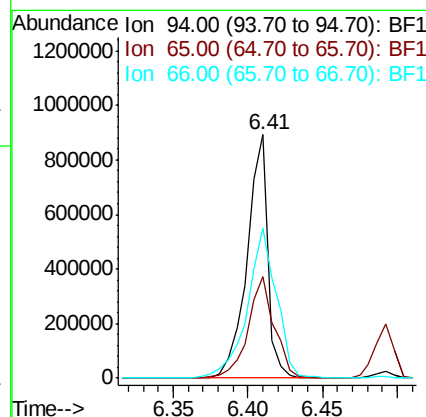
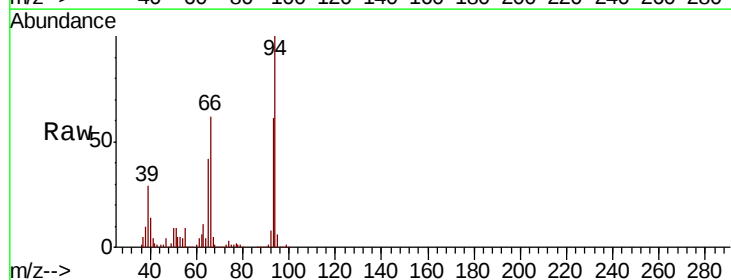
Manual Integrations
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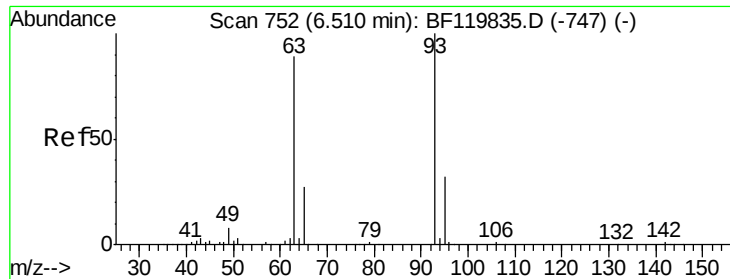
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#10
Phenol
Concen: 51.136 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.6	16.6	56.6
66	61.6	29.3	69.3





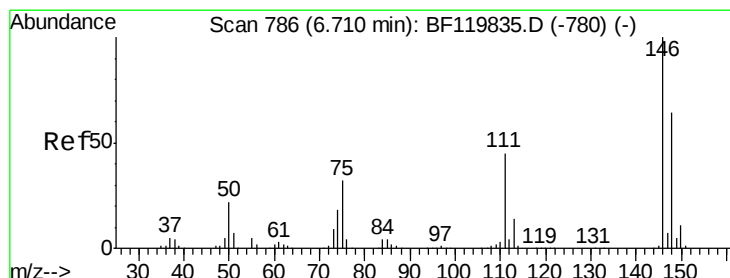
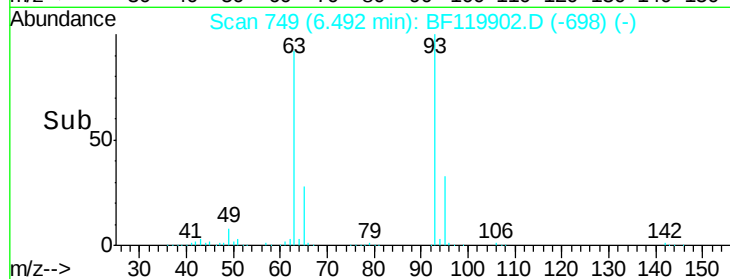
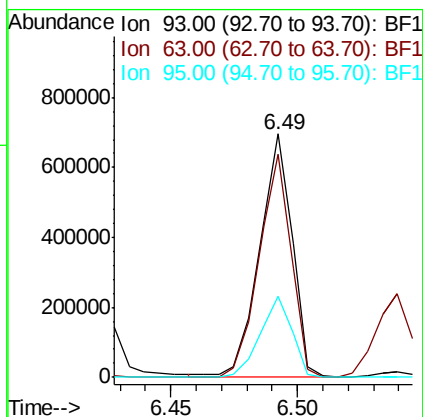
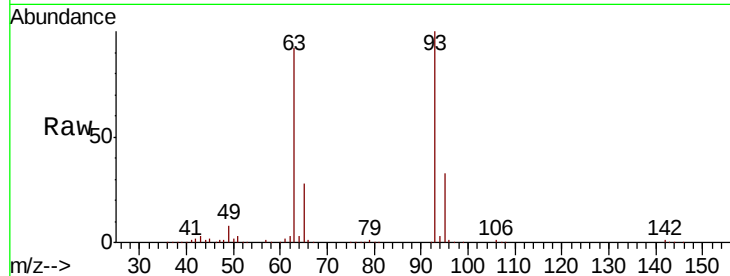
#11
bis(2-Chloroethyl)ether
Concen: 47.698 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion:	93	Resp:	620241
Ion Ratio	Lower	Upper	
93	100		
63	91.7	69.1	109.1
95	33.1	12.3	52.3

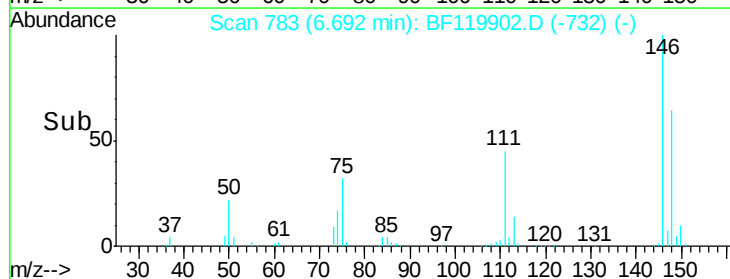
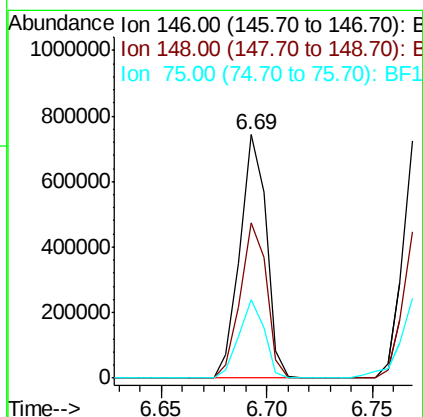
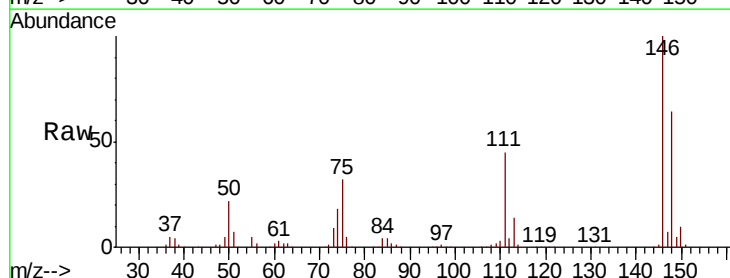
Manual Integrations
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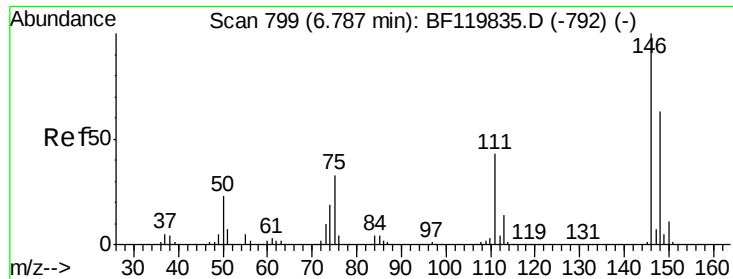
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.714 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:	146	Resp:	644217
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.3	76.9
75	32.0	25.3	37.9





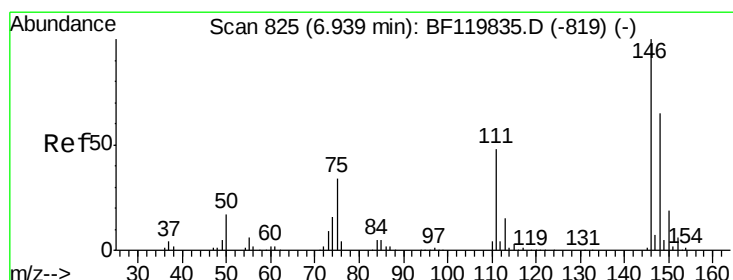
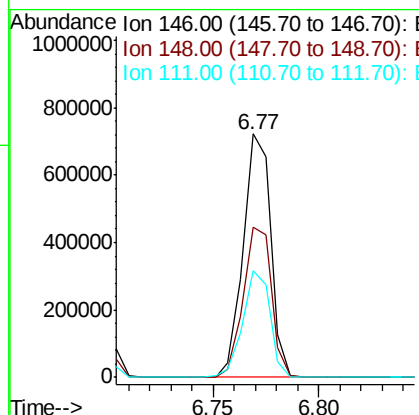
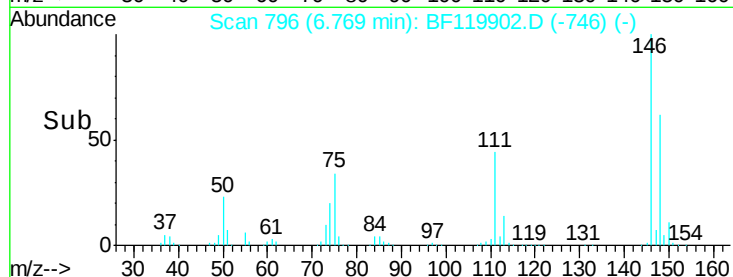
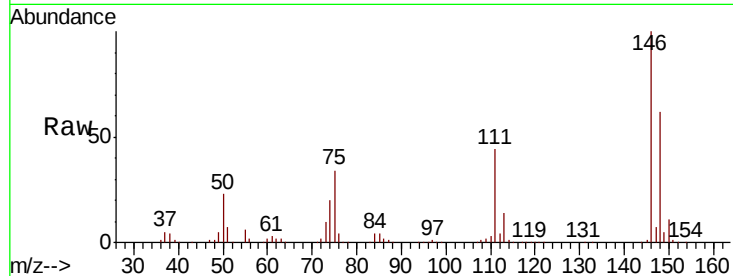
#13
 1,4-Dichlorobenzene
 Concen: 45.422 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.5	75.7
111	43.9	34.7	52.1

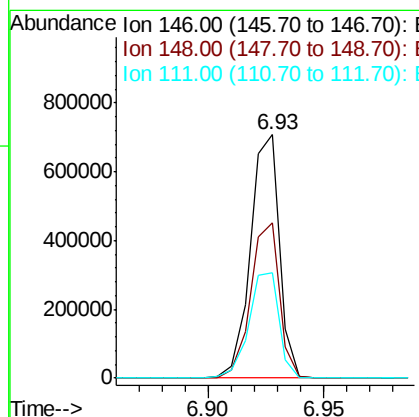
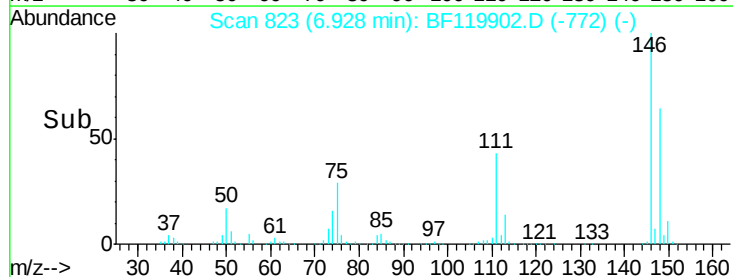
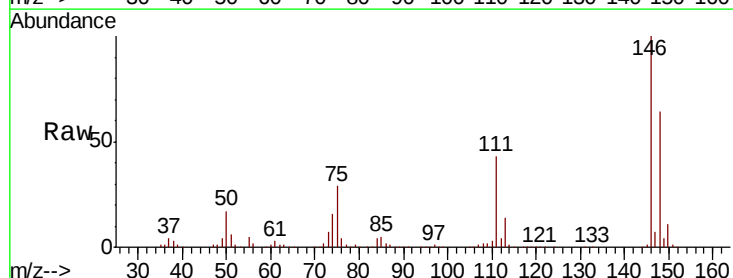
Manual Integrations
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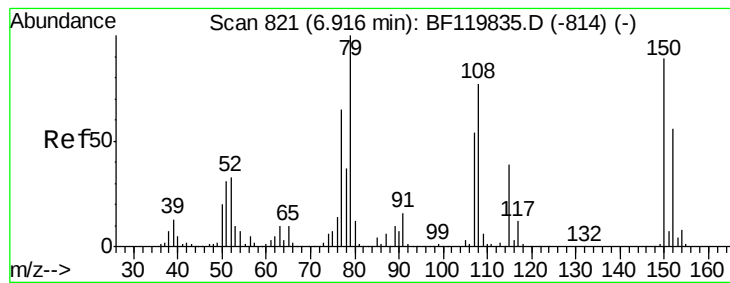
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.905 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
111	43.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 48.322 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

CG-SUBMSD

Tot Ion: 79 Resp: 557145

Ion Ratio Lower Upper

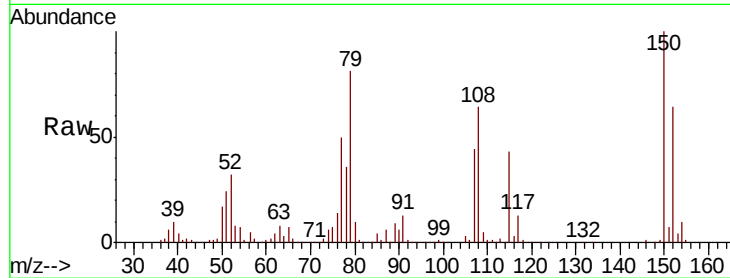
79 100

108 78.8 62.0 93.0

77 62.1 51.8 77.6

Manual Integrations
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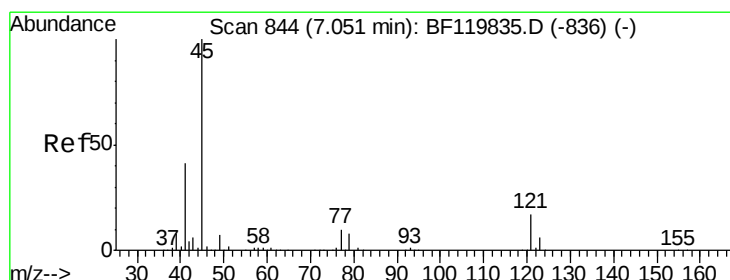
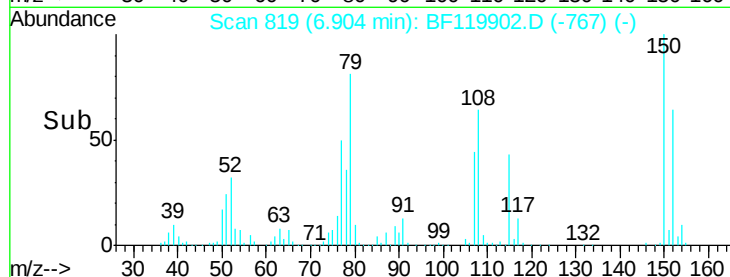
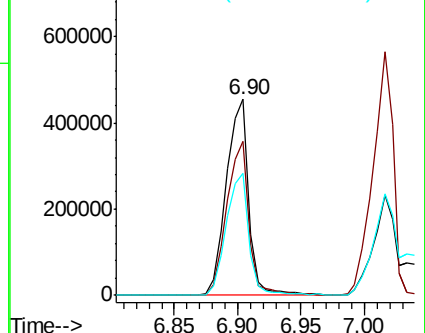
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.449 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

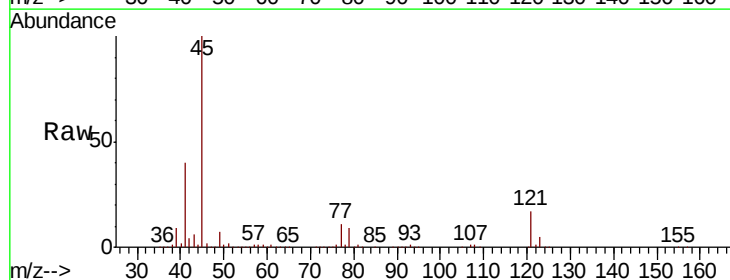
Tgt Ion: 45 Resp: 1124716

Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.7

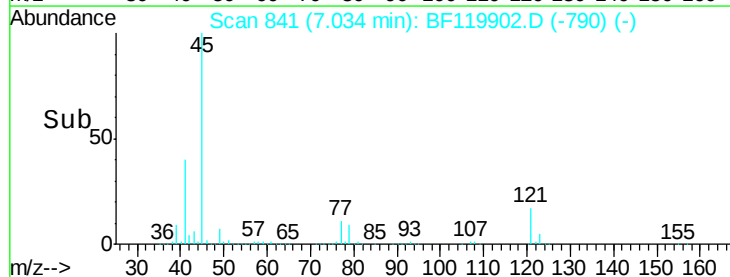
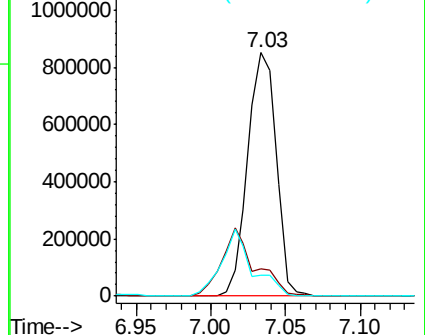
79 8.8 0.0 28.6

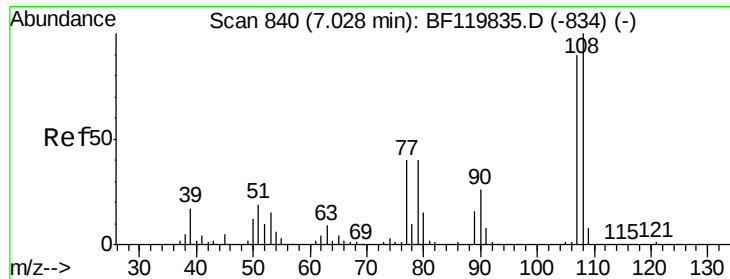


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





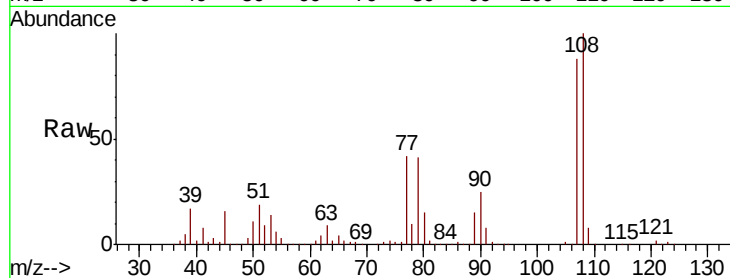
#17
2-Methylphenol
Concen: 47.537 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion:	107	Resp:	546070
Ion Ratio	Lower	Upper	
107	100		
108	113.5	88.8	133.2
77	47.5	36.0	54.0
79	46.6	35.7	53.5

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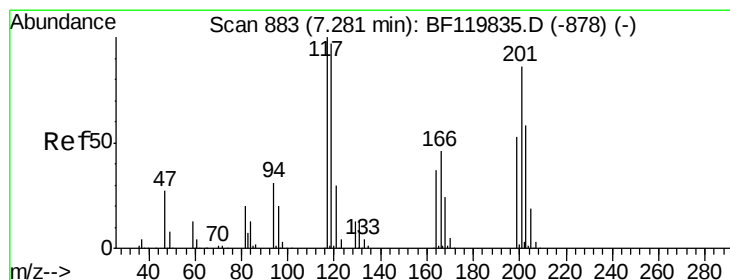
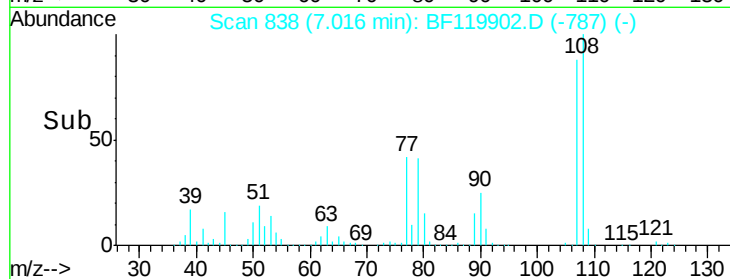
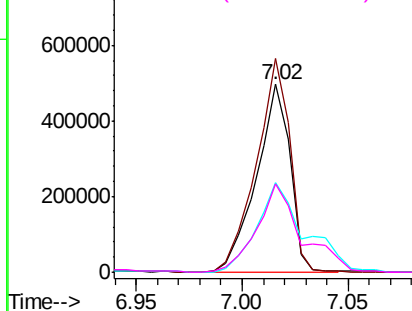
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

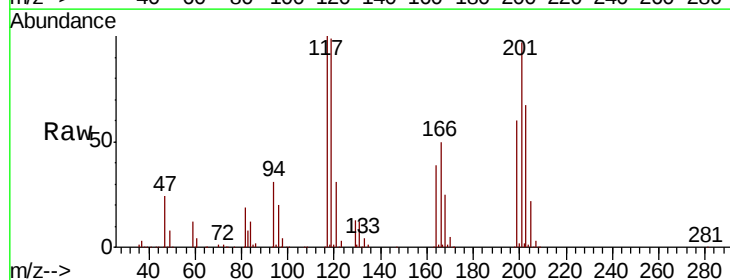
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.183 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:	117	Resp:	247771
Ion Ratio	Lower	Upper	
117	100		
119	99.1	77.4	116.0
201	96.9	68.4	102.6

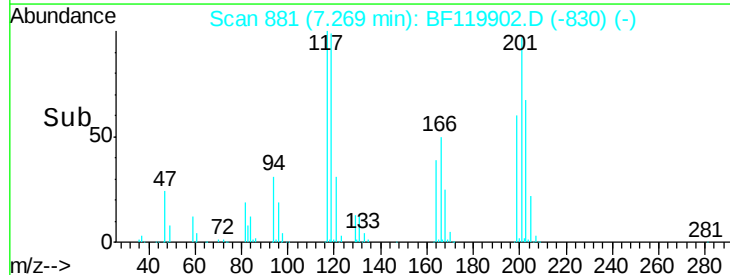
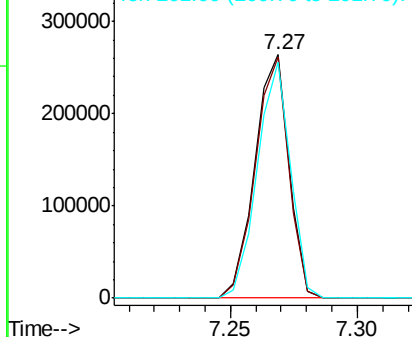


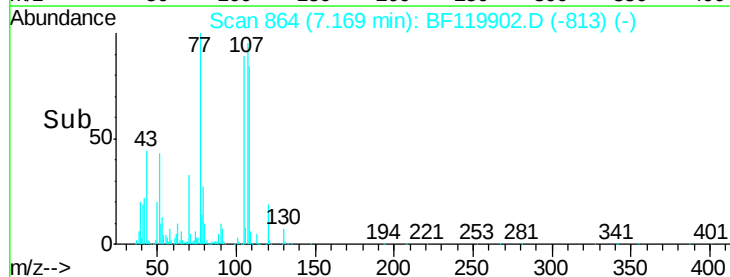
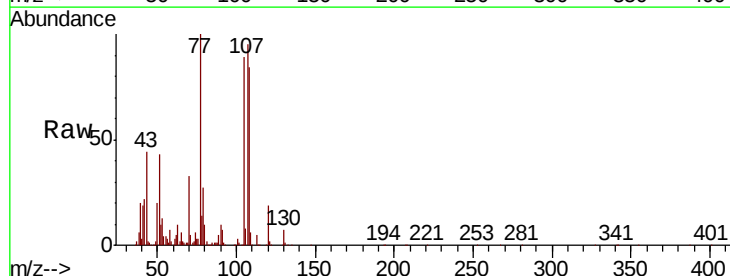
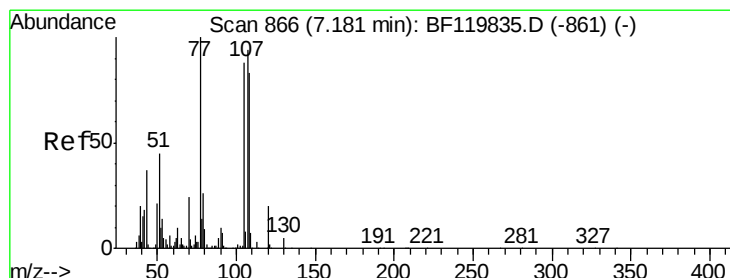
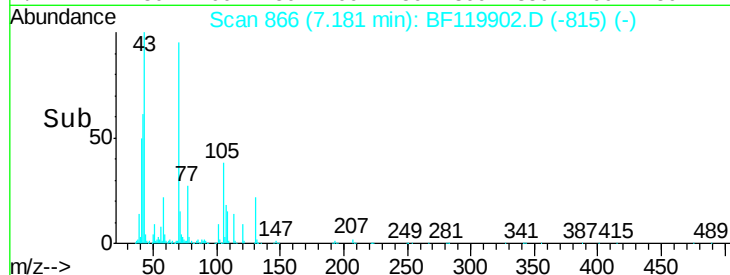
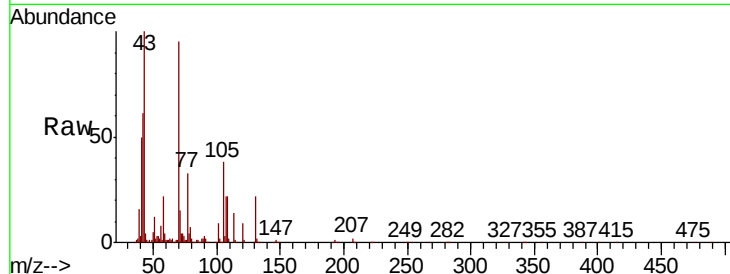
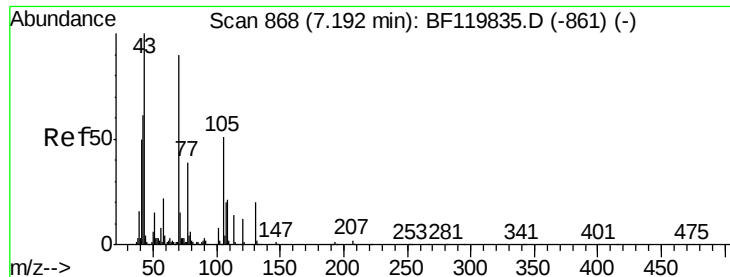
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

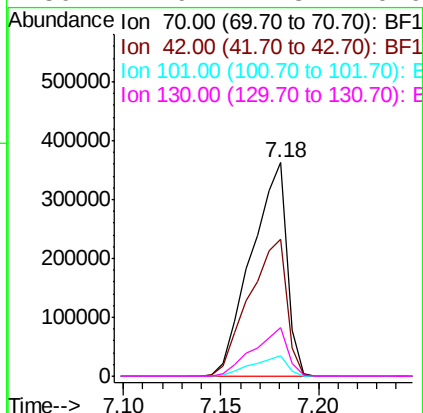
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 48.095 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	54.2	81.4
101	9.6	7.4	11.2
130	22.9	17.8	26.6



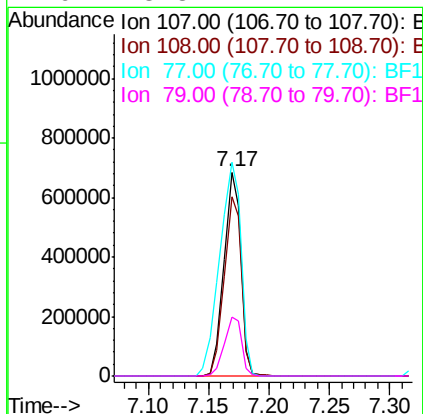
Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

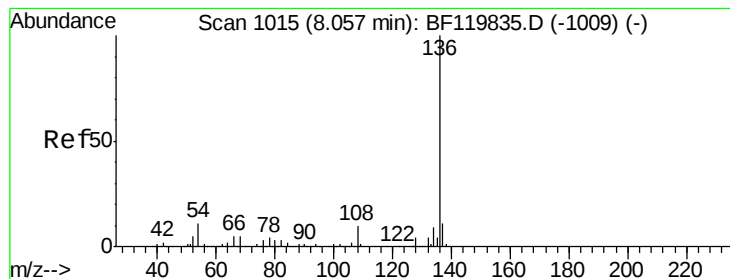
Manual Integrations
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#20
3+4-Methylphenols
Concen: 47.026 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	104.8	86.6	126.6
79	28.8	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

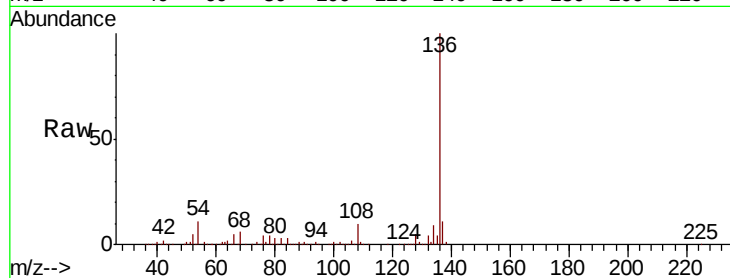
ClientSampleId :

CG-SUBMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		783562		
137	11.3		8.7	13.1	
54	10.7		8.5	12.7	
68	5.8		3.9	5.9	

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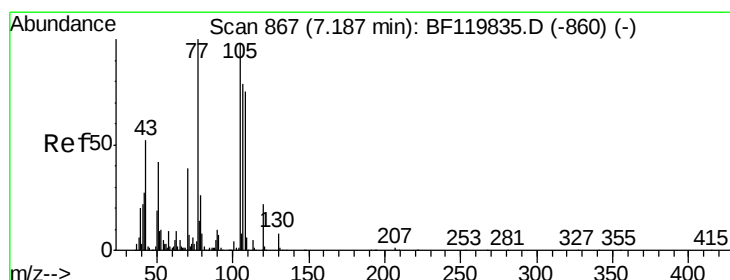
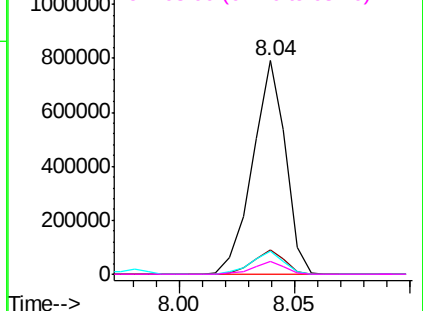
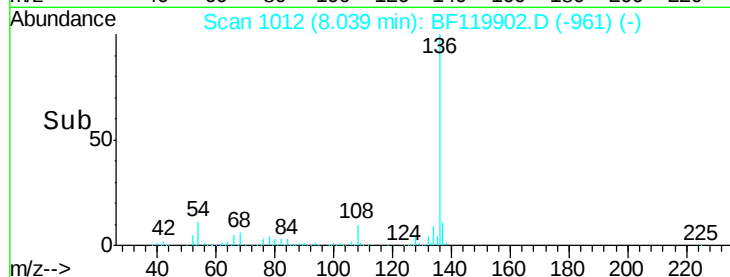
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.962 ng

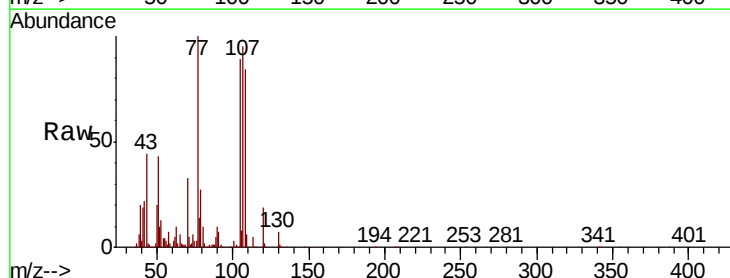
RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		861675		
71	6.2		5.6	8.4	
51	48.4		33.9	50.9	
120	21.4		17.8	26.8	



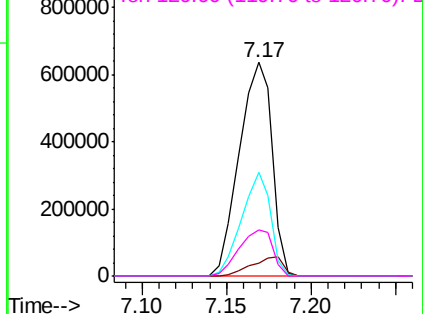
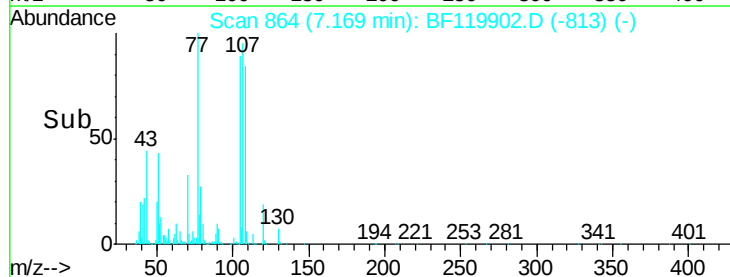
Abundance

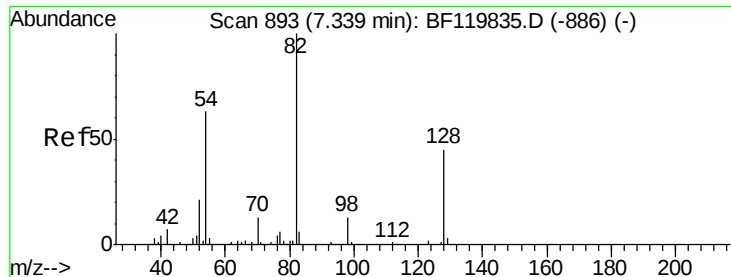
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





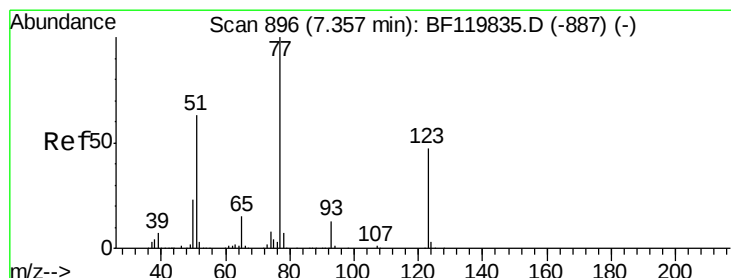
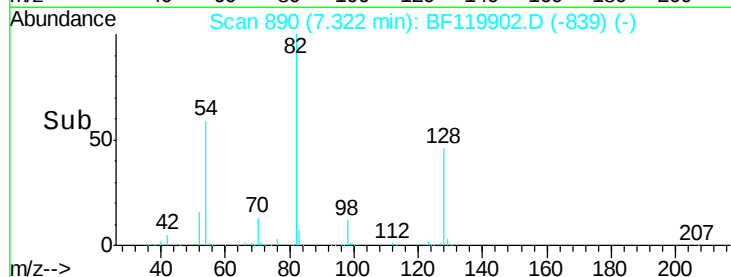
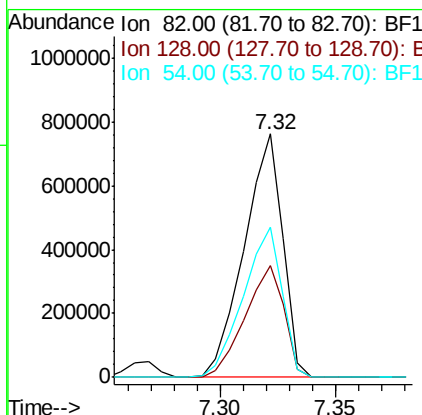
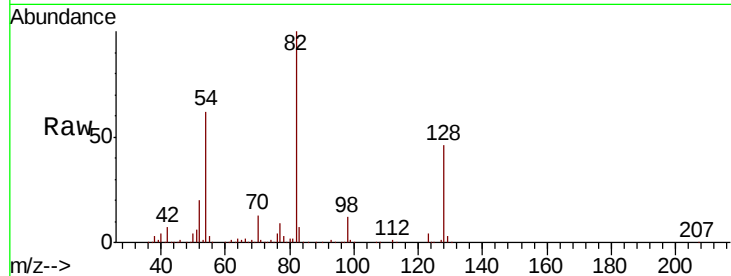
#23
Nitrobenzene-d5
Concen: 58.503 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.2	54.4
54	61.6	50.4	75.6

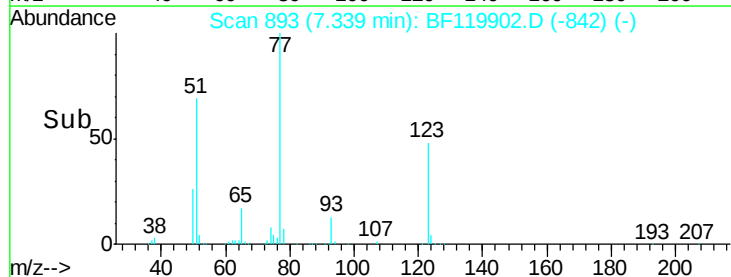
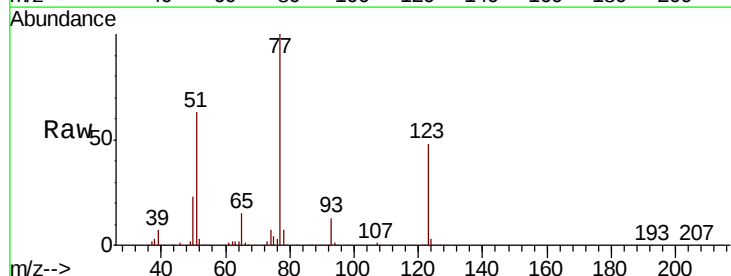
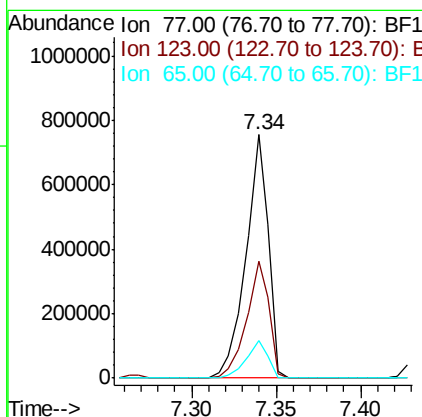
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#24
Nitrobenzene
Concen: 45.954 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.8	56.8
65	15.4	12.2	18.2





#25

Isophorone

Concen: 45.260 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

CG-SUBMSD

Tot Ion: 82 Resp: 1321475

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

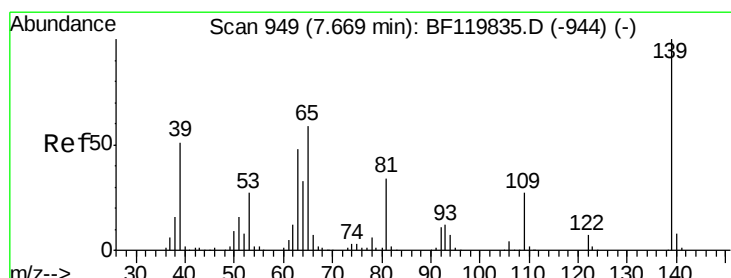
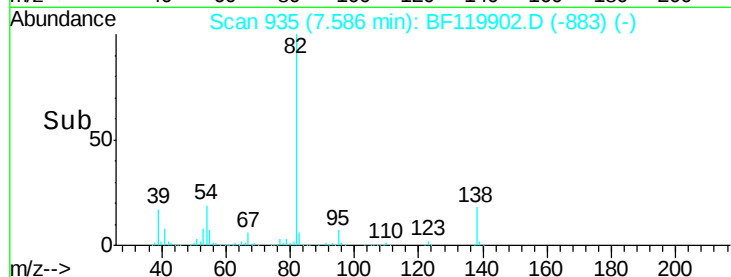
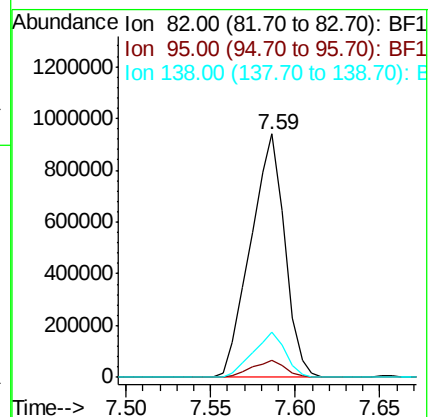
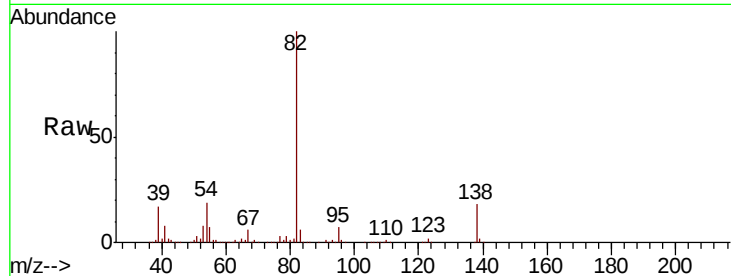
138 18.5 14.5 21.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.419 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

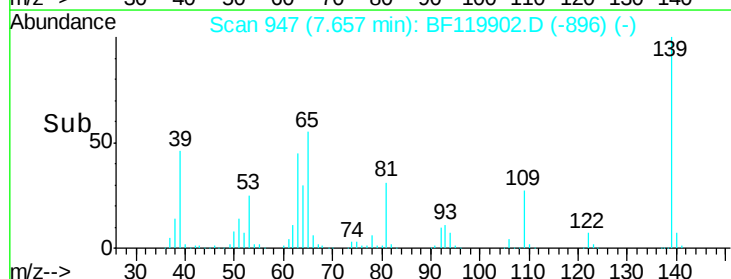
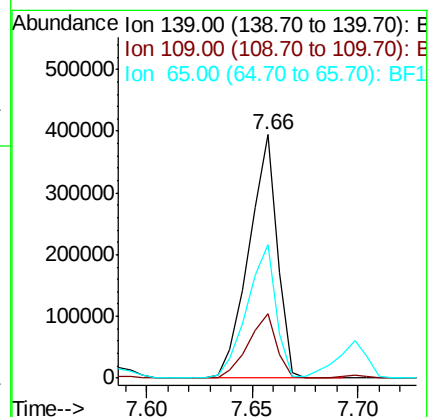
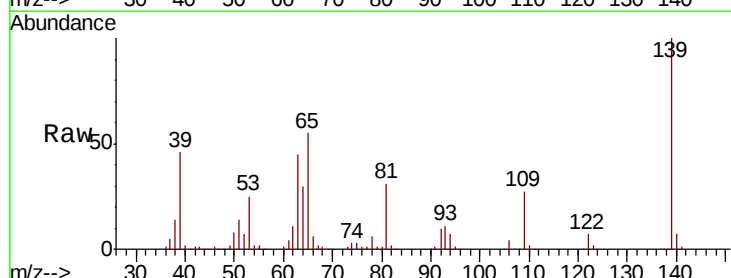
Tgt Ion: 139 Resp: 368569

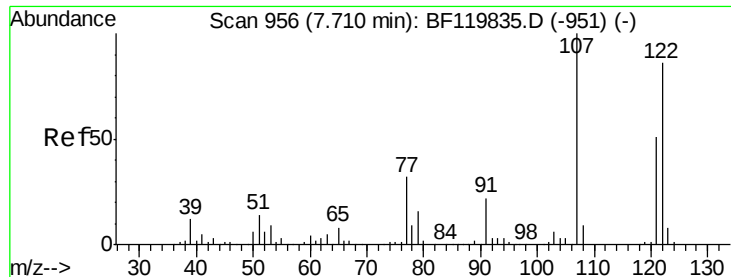
Ion Ratio Lower Upper

139 100

109 26.7 21.8 32.6

65 55.0 47.0 70.4





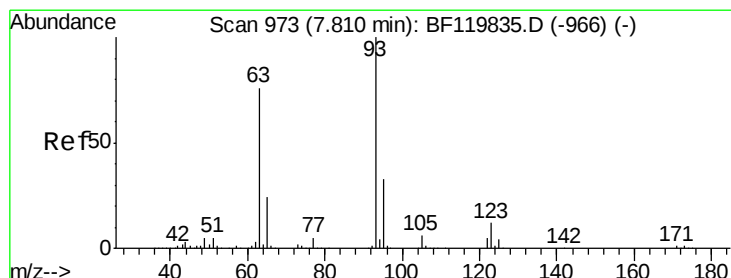
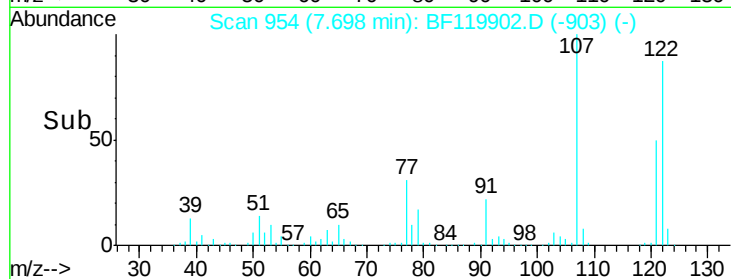
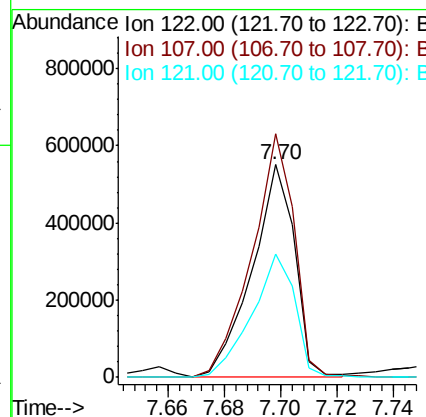
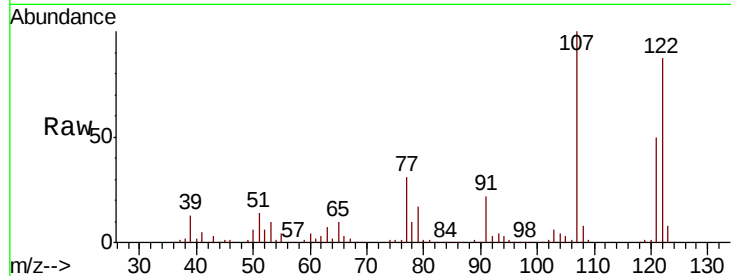
#27
2,4-Dimethylphenol
Concen: 50.317 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	92.3	138.5
121	57.9	46.6	70.0

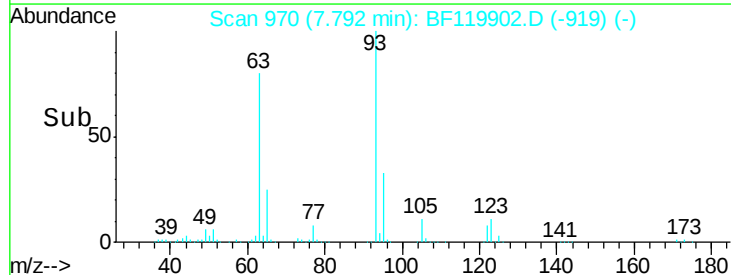
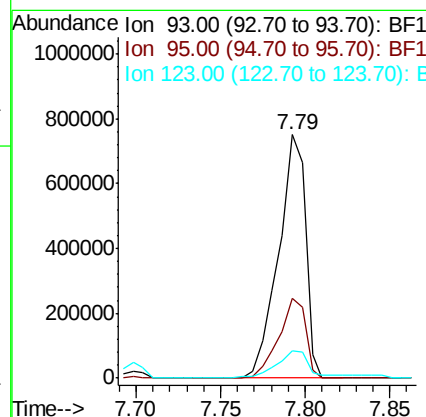
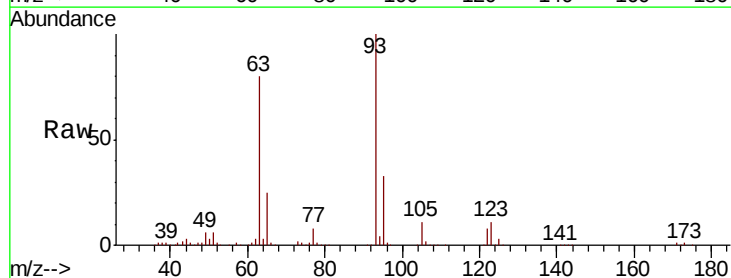
Manual Integrations
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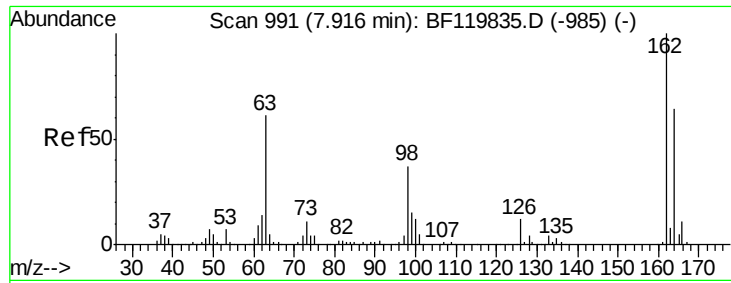
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 48.137 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	11.4	9.7	14.5





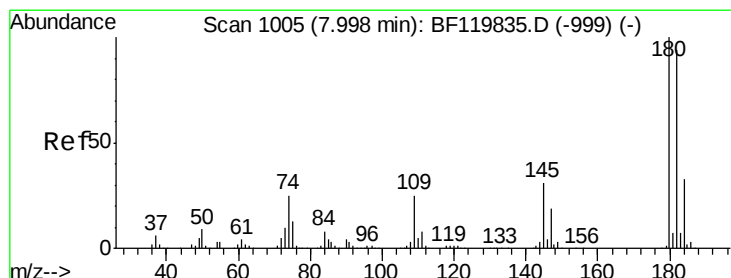
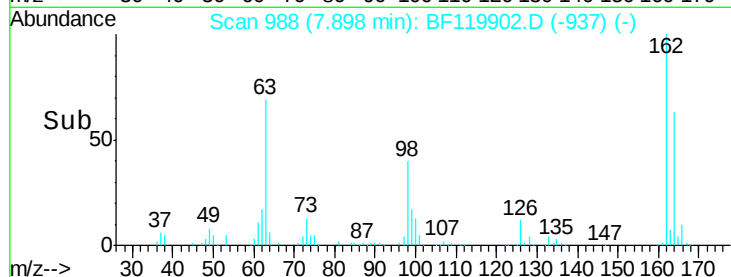
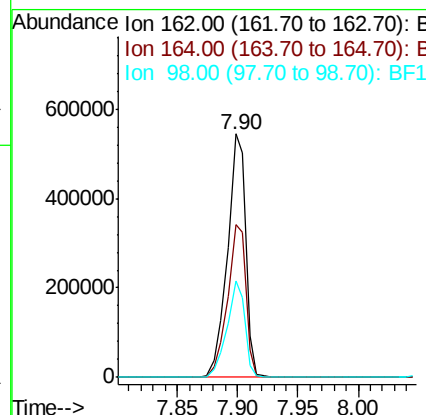
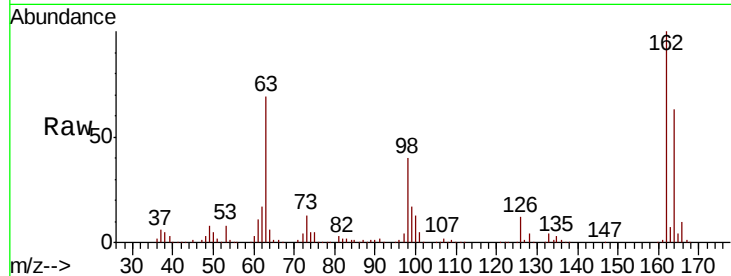
#29
2,4-Dichlorophenol
Concen: 48.463 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.4	84.4
98	39.9	17.3	57.3

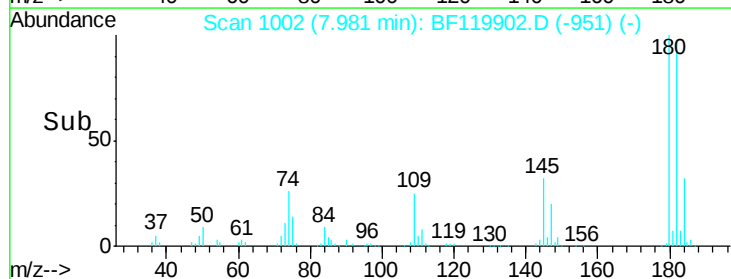
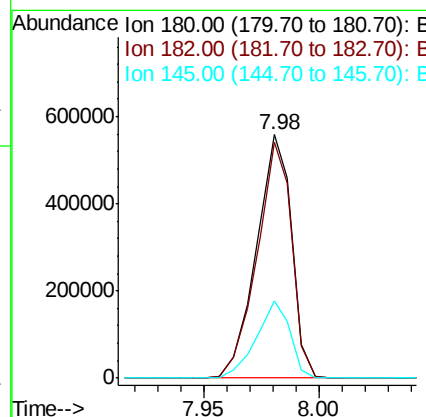
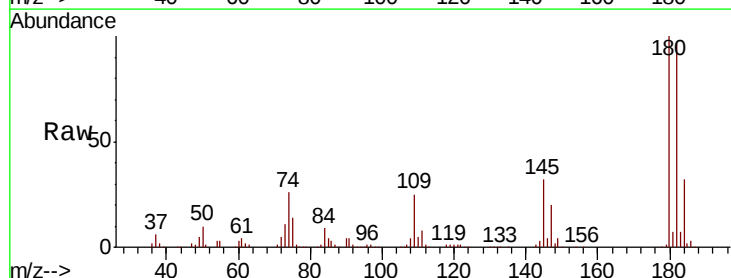
Manual Integrations
APPROVED

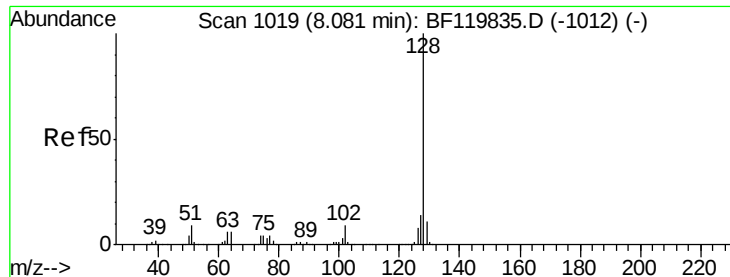
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.265 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.4	113.0
145	31.9	24.6	37.0





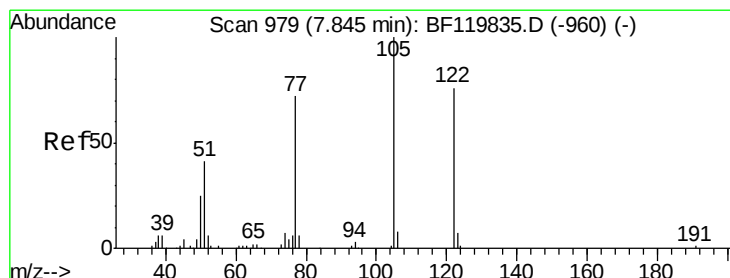
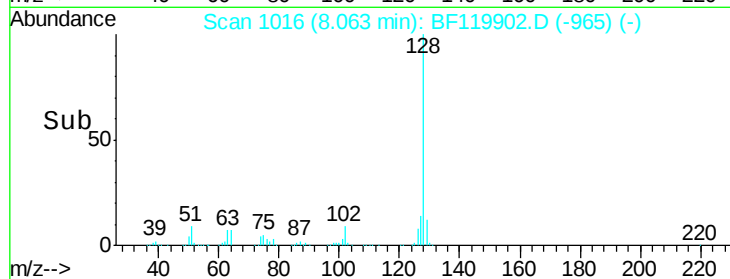
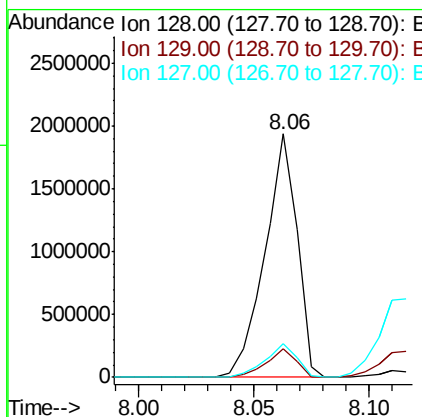
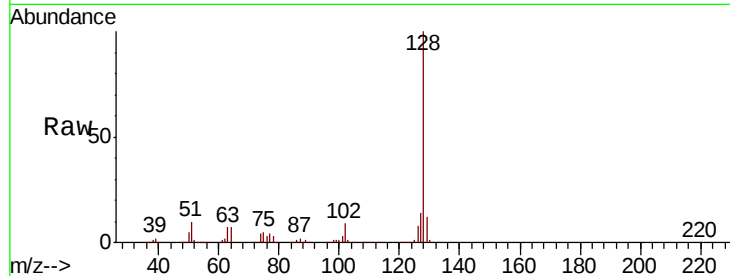
#31
Naphthalene
Concen: 45.571 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.7	11.0	16.4

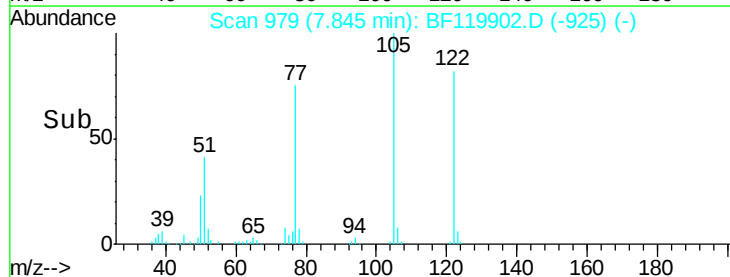
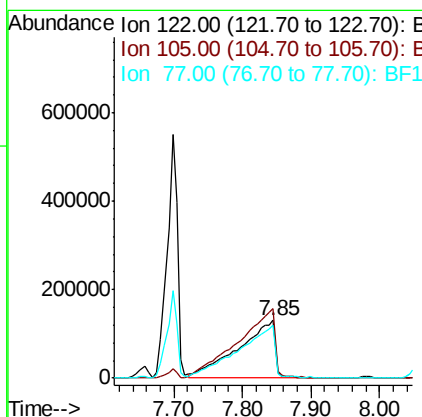
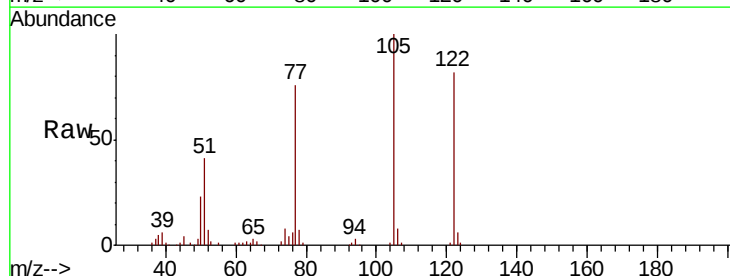
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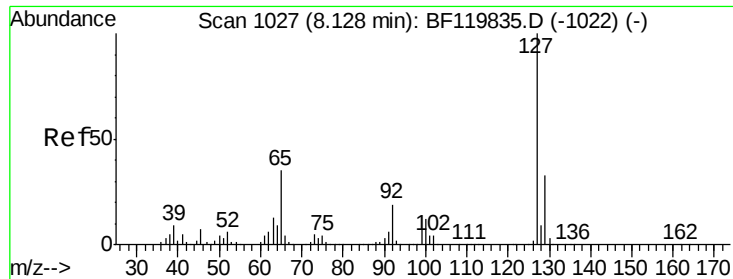
mohammad
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#32
Benzoic acid
Concen: 48.320 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	106.7	146.7
77	91.6	72.1	112.1





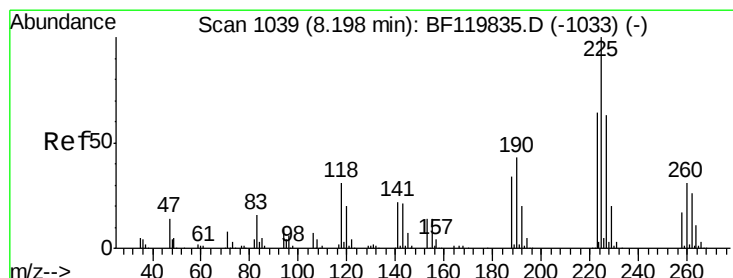
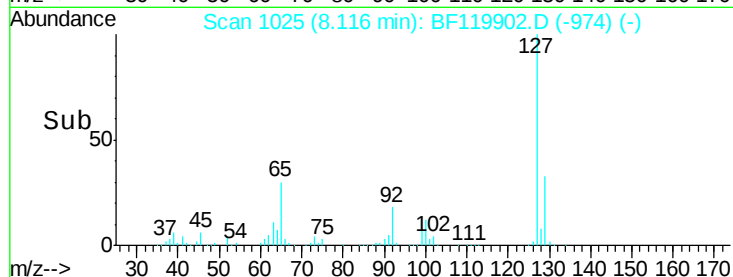
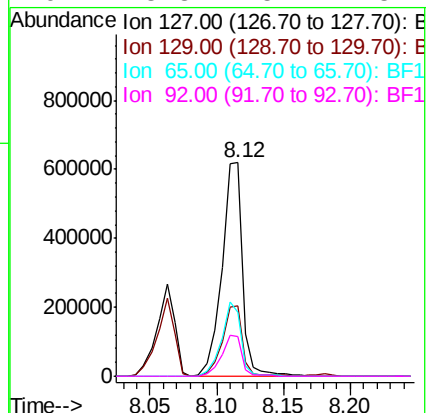
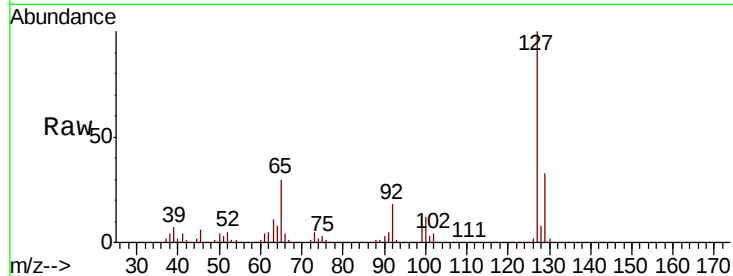
#33
4-Chloroaniline
Concen: 37.849 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		679285		
129	32.8	26.2	39.2		
65	30.2	28.3	42.5		
92	18.3	15.4	23.2		

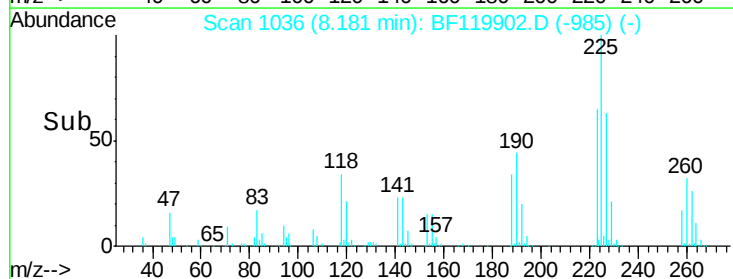
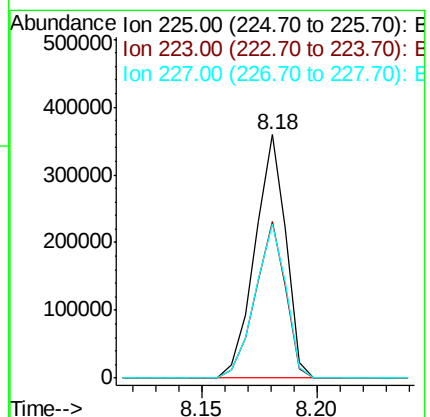
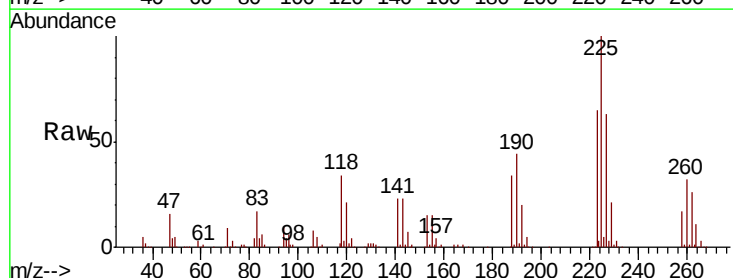
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#34
Hexachlorobutadiene
Concen: 41.951 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		334846		
223	64.6	51.0	76.6		
227	63.2	50.4	75.6		





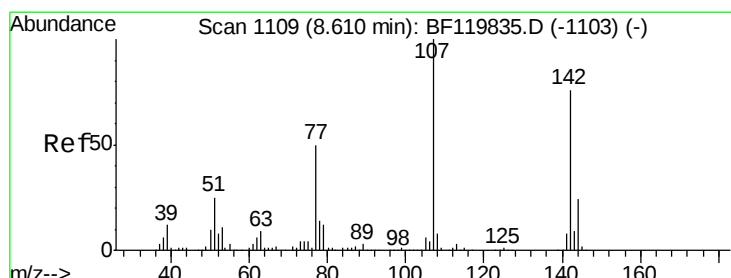
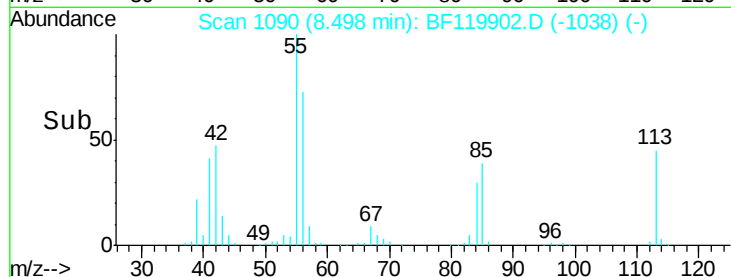
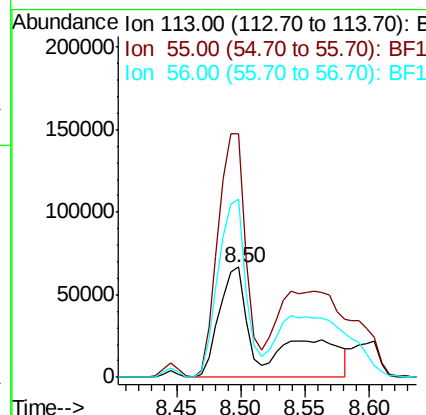
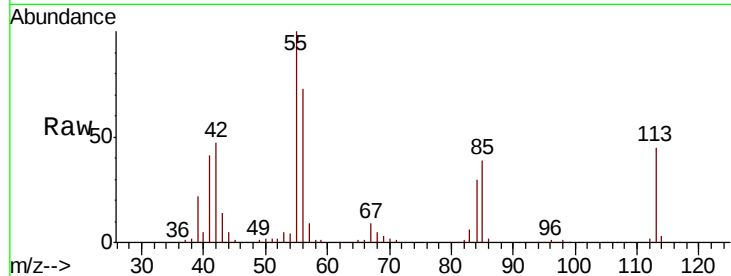
#35
Caprolactam
Concen: 47.827 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	221.5	192.7	232.7
56	161.9	133.3	173.3

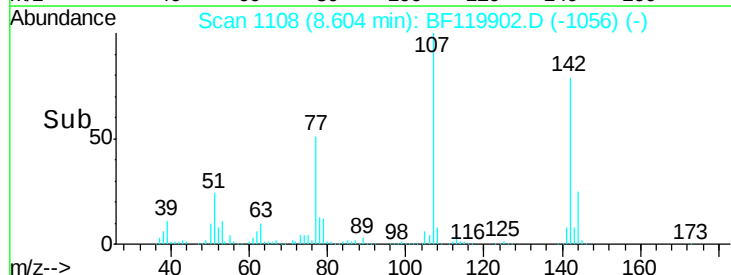
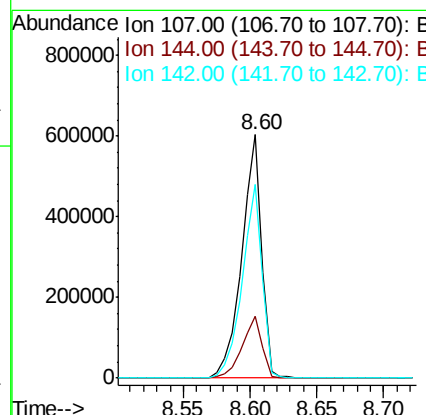
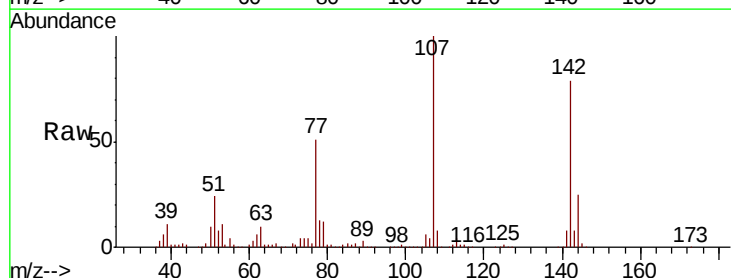
Manual Integrations
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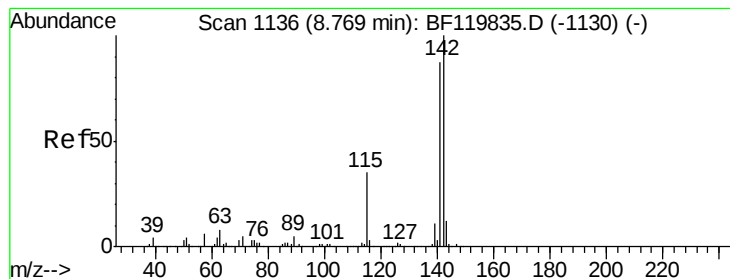
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#36
4-Chloro-3-methylphenol
Concen: 49.104 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.5	29.3
142	79.3	60.5	90.7





#37

2-Methylnaphthalene

Concen: 46.512 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

CG-SUBMSD

Tot Ion:142 Resp: 1299993

Ion Ratio Lower Upper

142 100

141 88.0 69.9 104.9

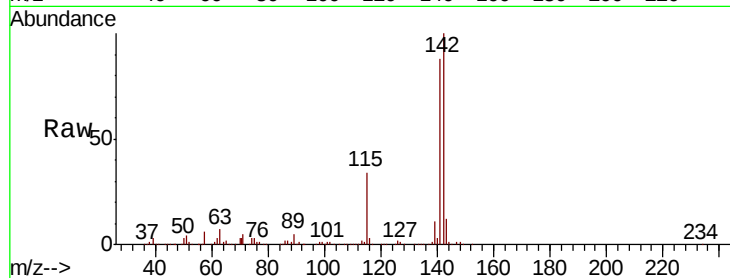
115 33.8 28.0 42.0

Manual Integrations

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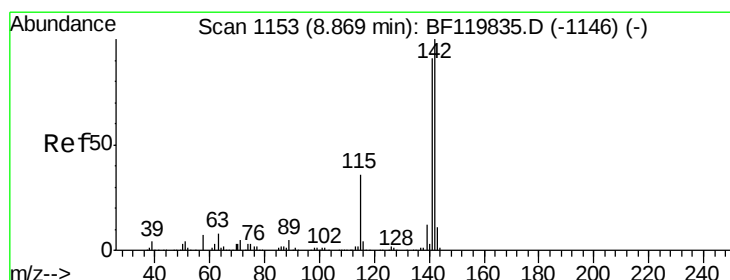
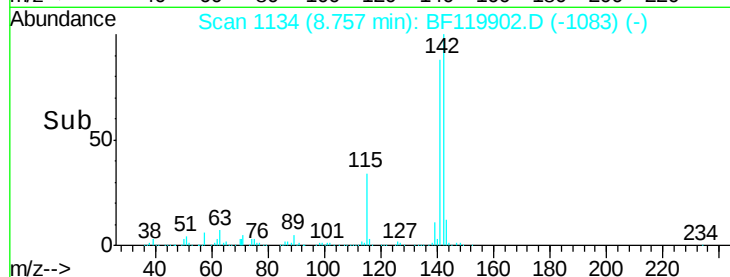
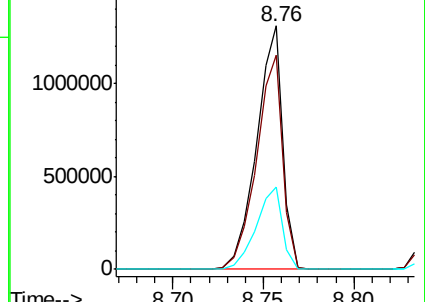
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.145 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

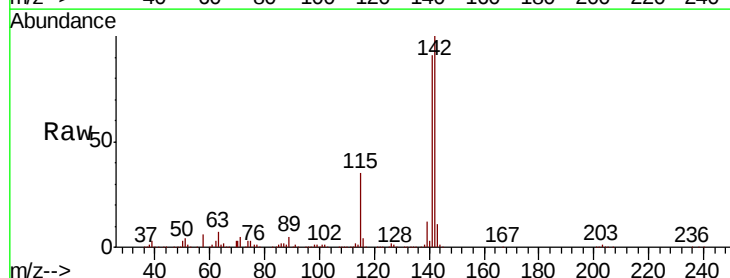
Tgt Ion:142 Resp: 1241966

Ion Ratio Lower Upper

142 100

141 91.2 72.9 109.3

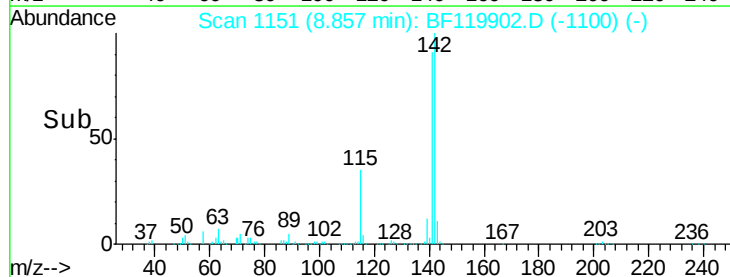
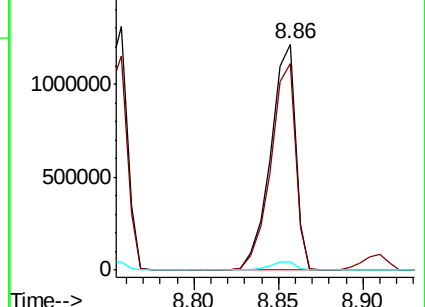
116 3.5 3.0 4.6

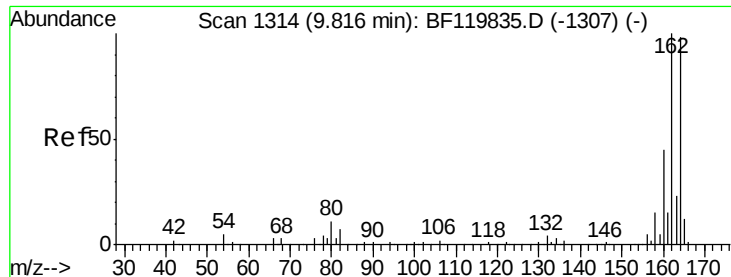


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





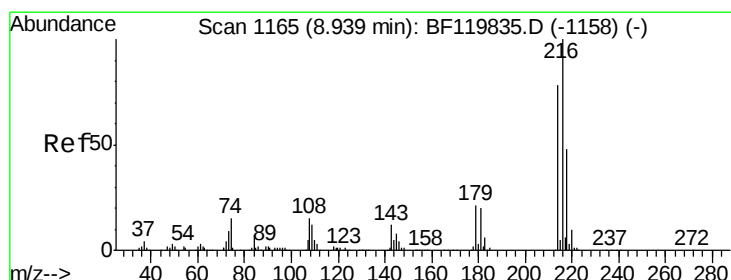
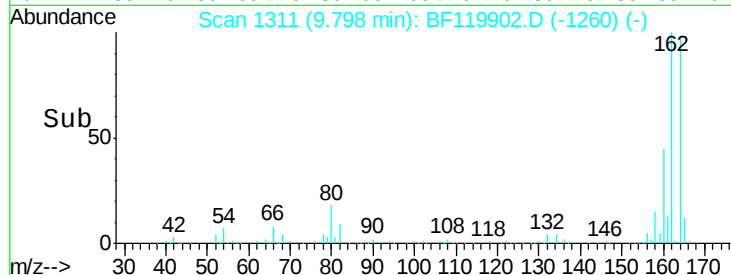
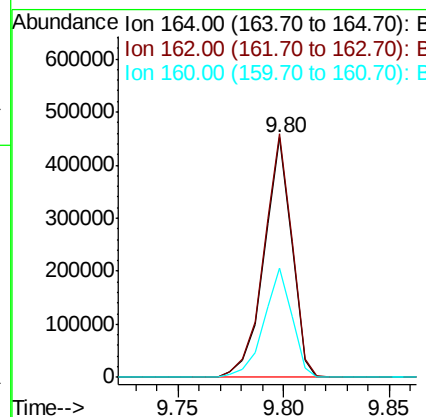
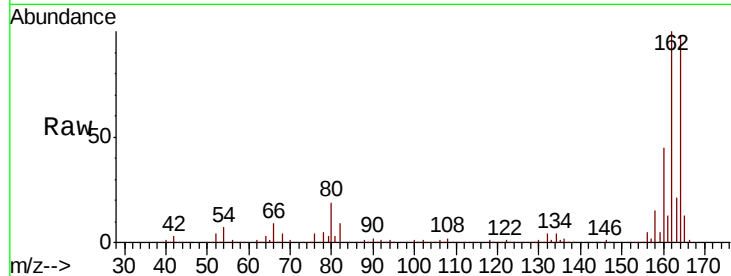
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	81.9	122.9	
160	45.4	36.6	54.8	

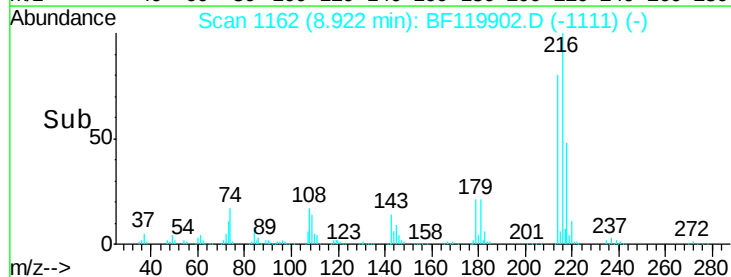
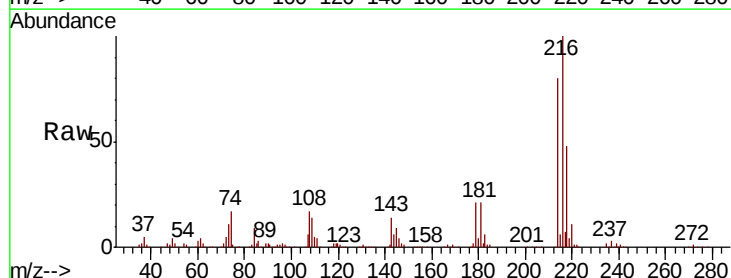
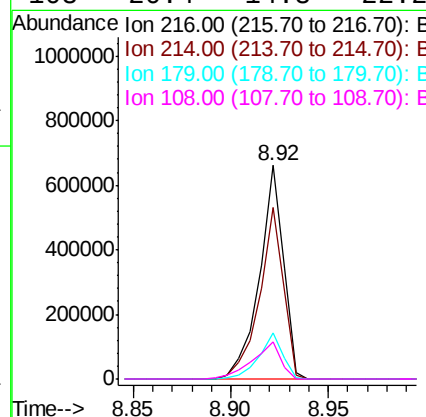
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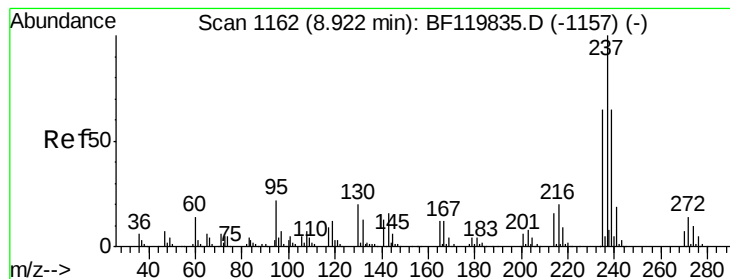
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.285 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.1	94.7	
179	21.4	17.0	25.4	
108	20.4	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 91.875 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

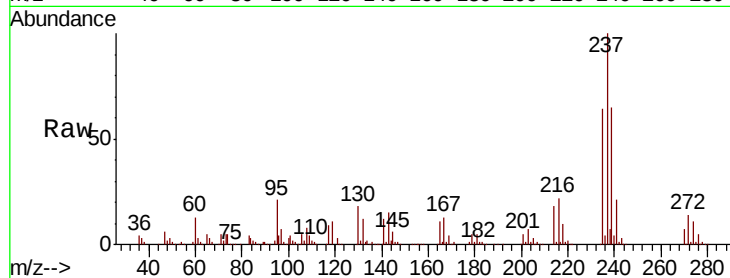
ClientSampleId :

CG-SUBMSD

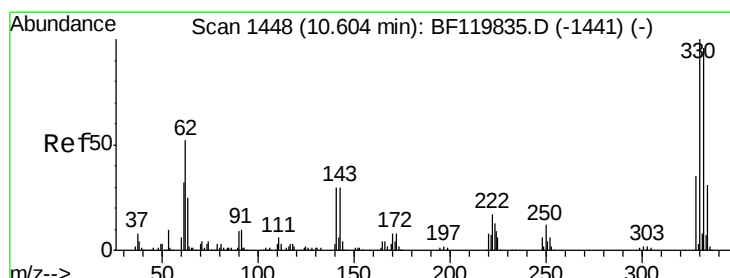
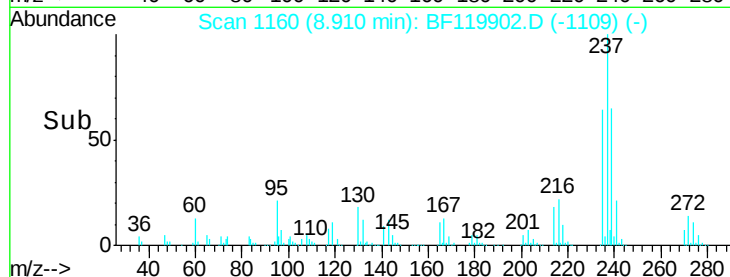
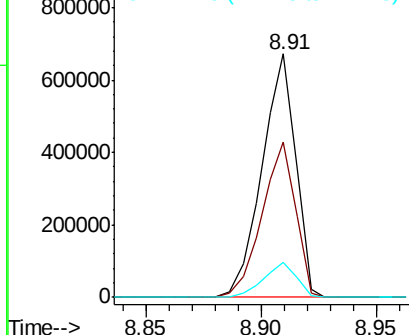
Tot Ion:	237	Resp:	679675
Ion Ratio	Lower	Upper	
237	100		
235	63.6	44.9	84.9
272	14.3	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 85.806 ng

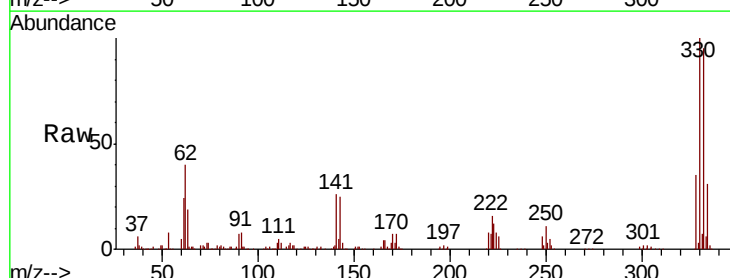
RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

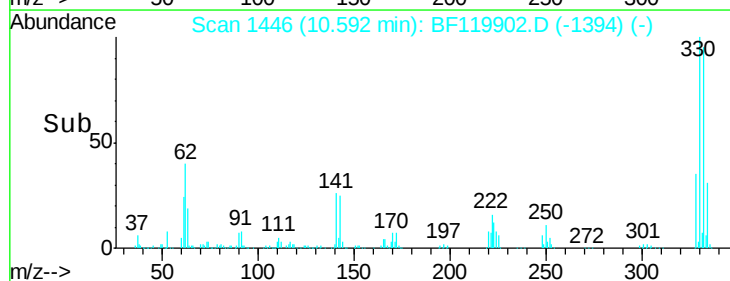
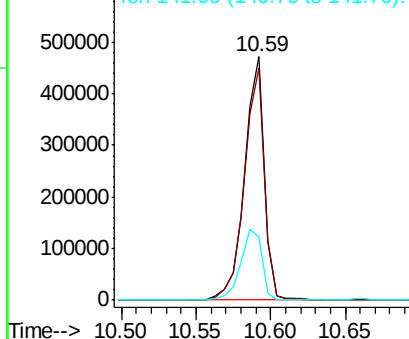
Lab File: BF119902.D

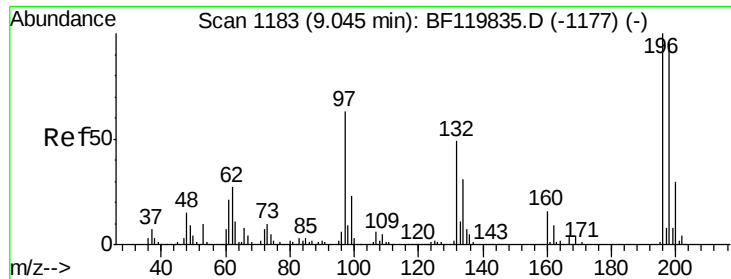
Acq: 10 Apr 2020 18:39

Tgt Ion:	330	Resp:	432729
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.8	115.2
141	31.5	25.1	37.7



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





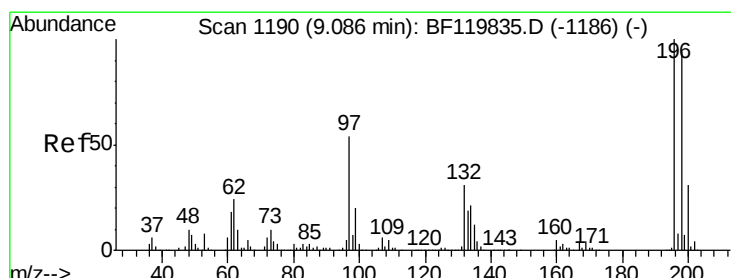
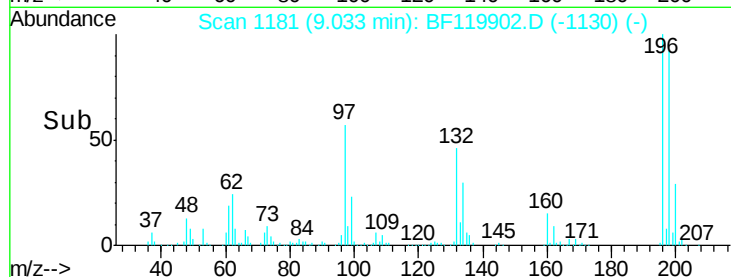
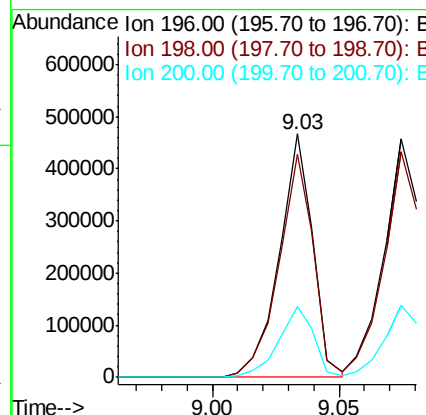
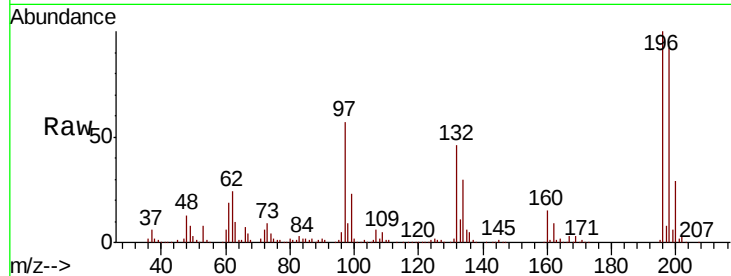
#43
 2,4,6-Trichlorophenol
 Concen: 48.005 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		431271		
198	91.8	76.6	115.0		
200	29.3	24.2	36.2		

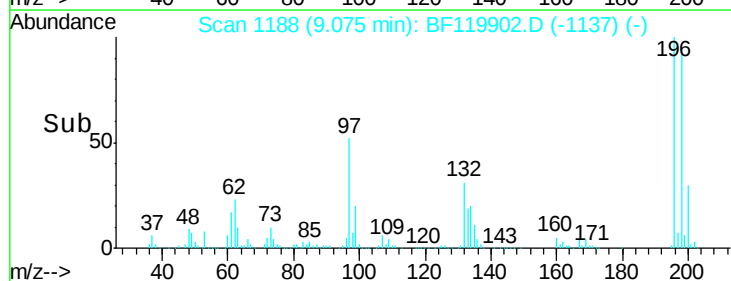
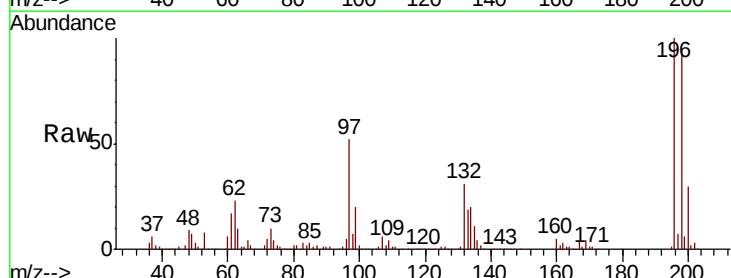
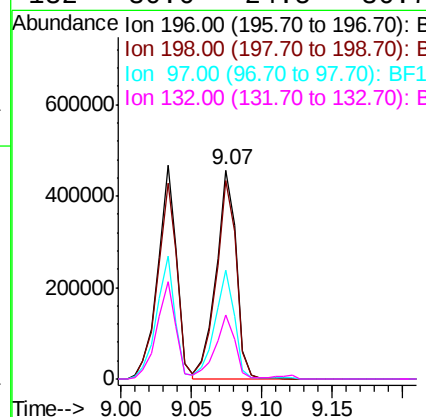
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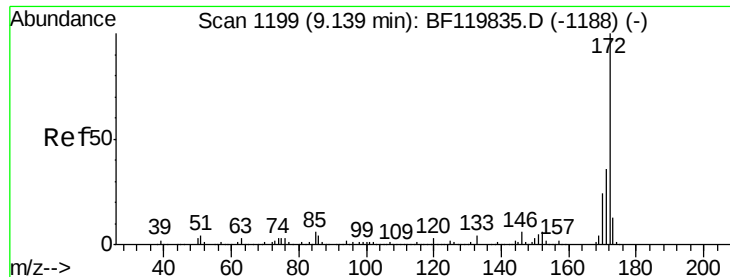
mohammad
 4/14/2020 3:39:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.906 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		454376		
198	95.0	75.1	112.7		
97	52.2	43.4	65.2		
132	30.6	24.5	36.7		





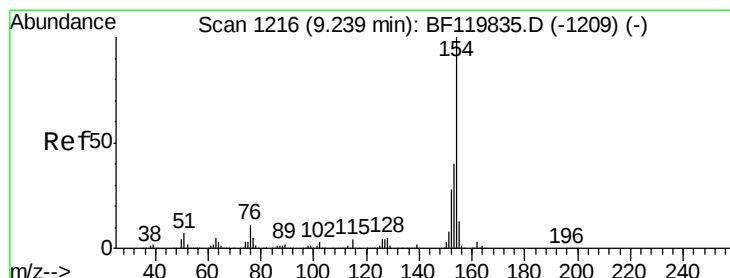
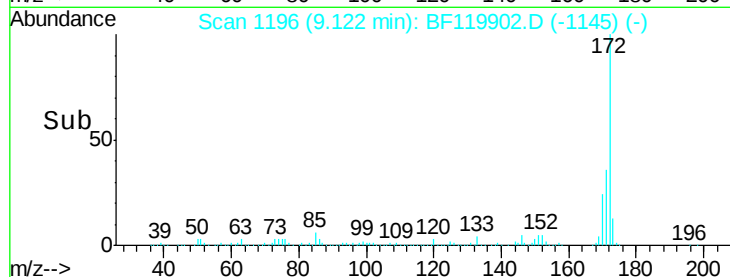
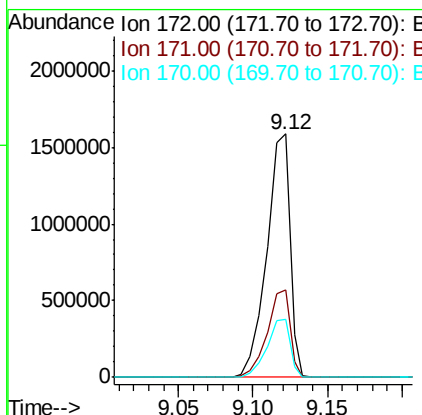
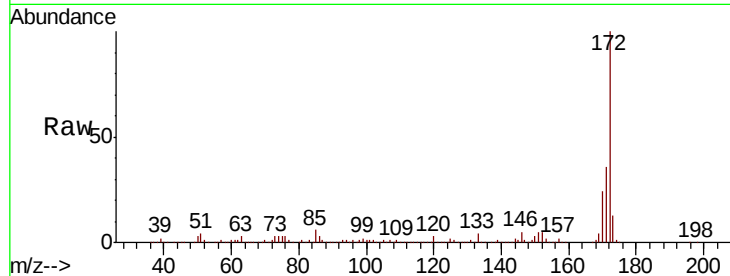
#45
2-Fluorobiphenyl
Concen: 58.676 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.0	19.4	29.2

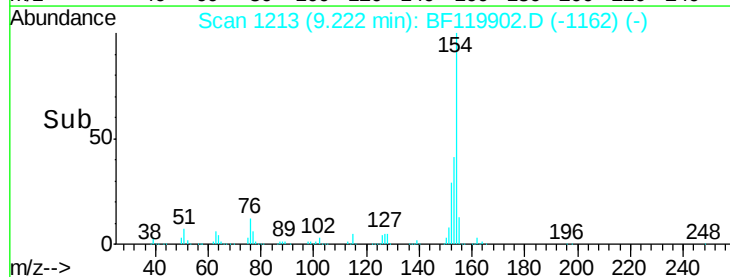
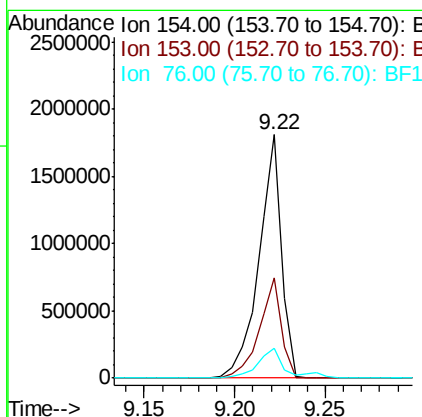
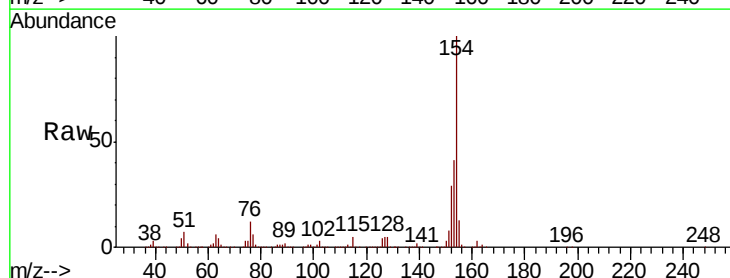
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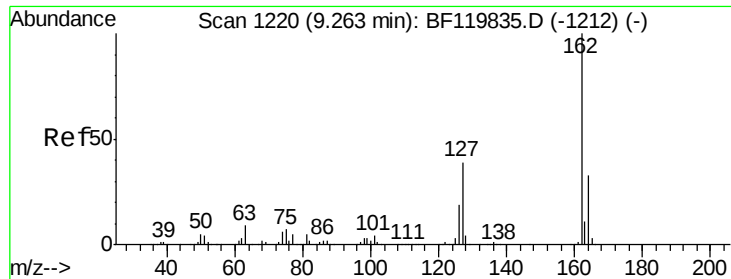
mohammad
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#46
1,1'-Biphenyl
Concen: 45.002 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.5	60.5
76	12.4	0.0	30.6





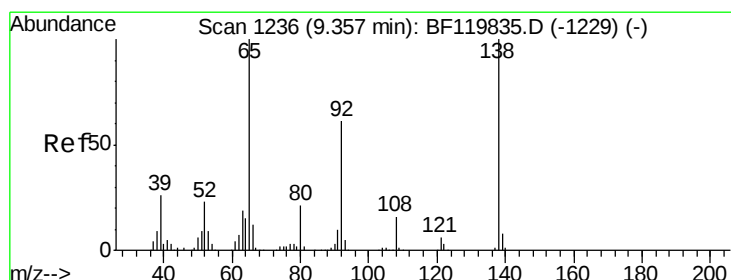
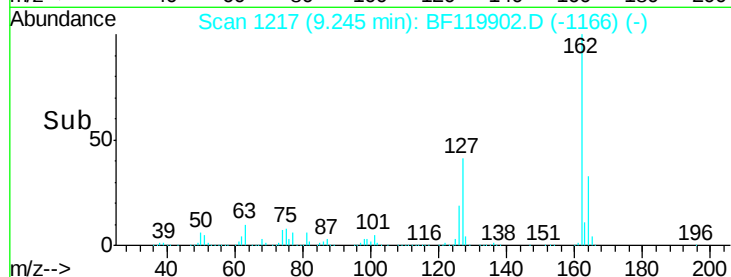
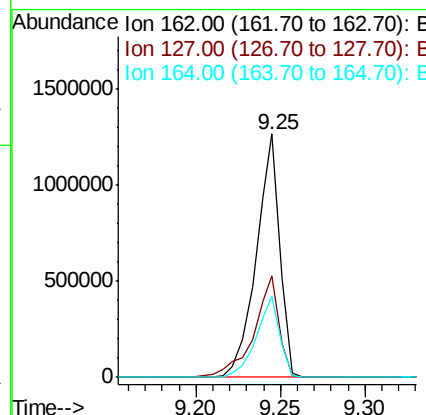
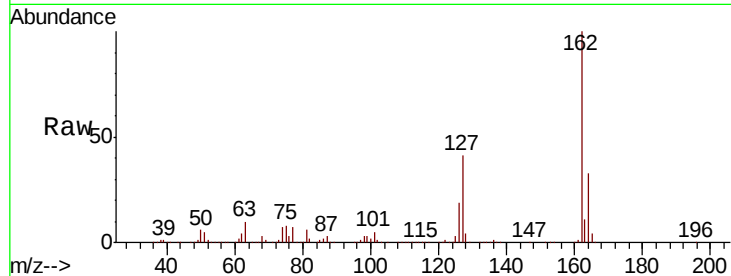
#47
2-Chloronaphthalene
Concen: 45.698 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	41.4	31.2	46.8	
164	33.1	26.3	39.5	

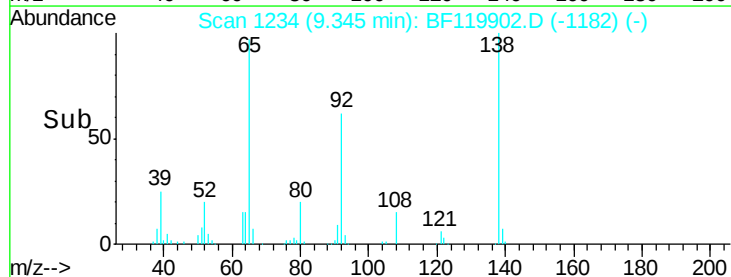
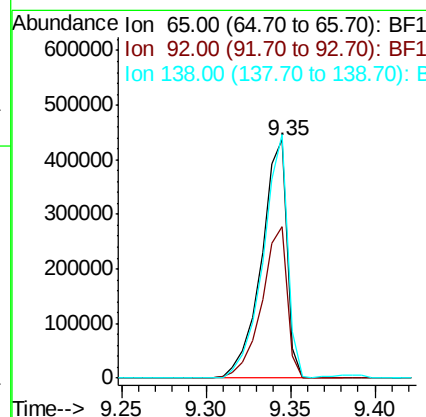
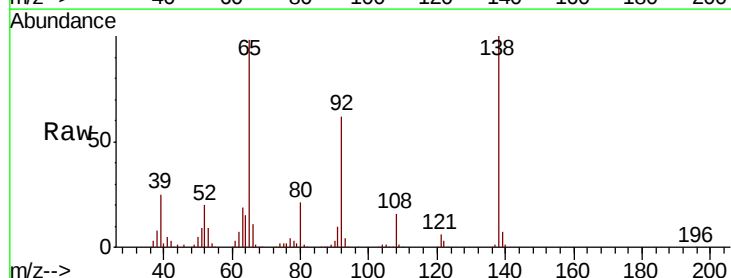
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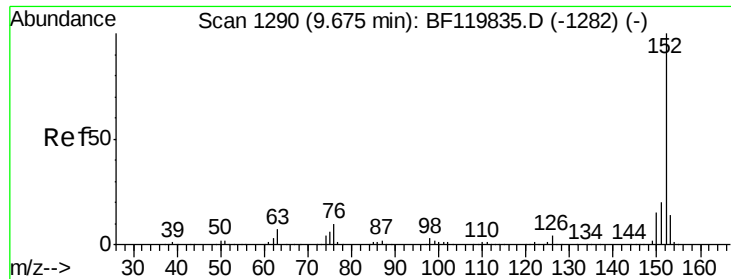
mohammad
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#48
2-Nitroaniline
Concen: 47.298 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	63.6	49.0	73.6	
138	102.1	79.7	119.5	





#49

Acenaphthylene

Concen: 47.143 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

CG-SUBMSD

Tot Ion:152 Resp: 1920208

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

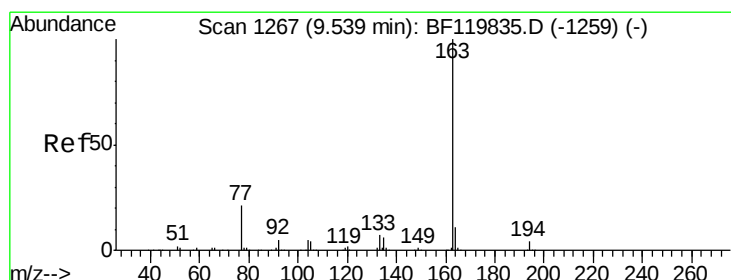
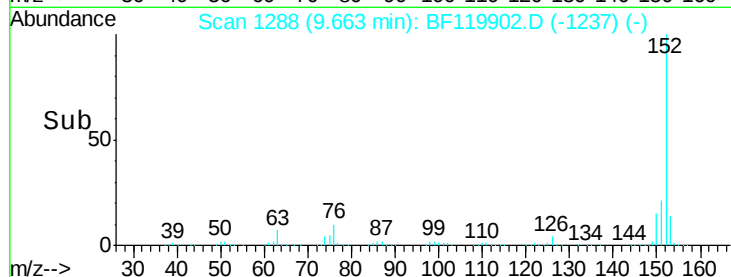
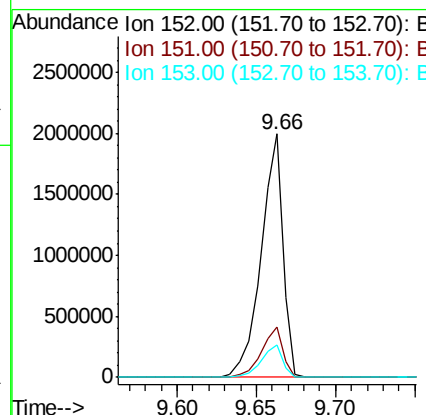
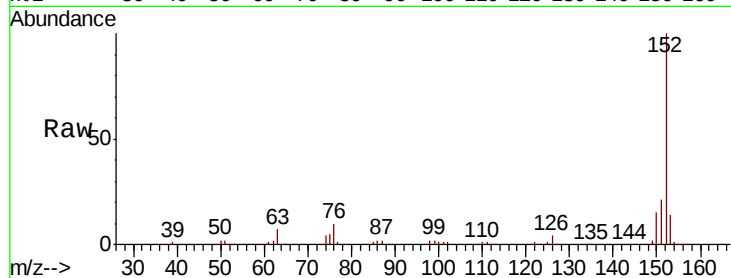
153 13.5 10.9 16.3

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#50

Dimethylphthalate

Concen: 52.462 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

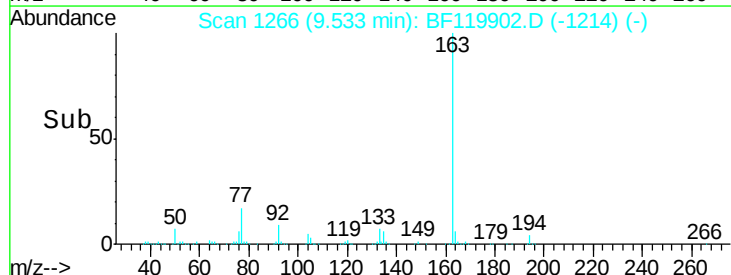
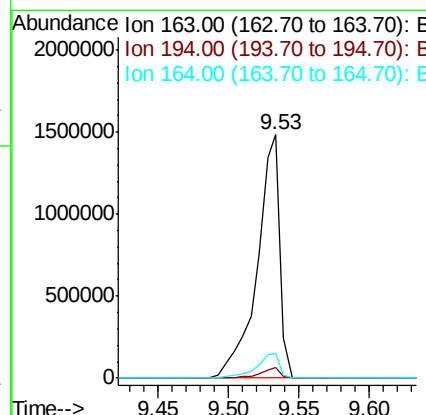
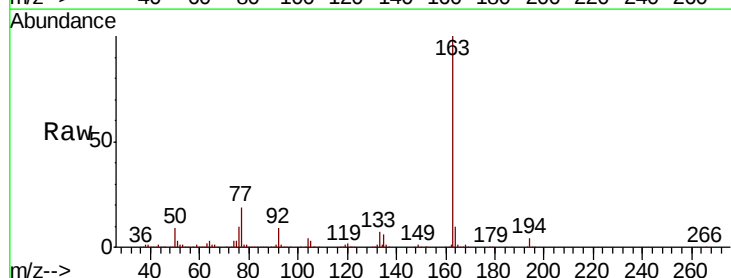
Tgt Ion:163 Resp: 1671462

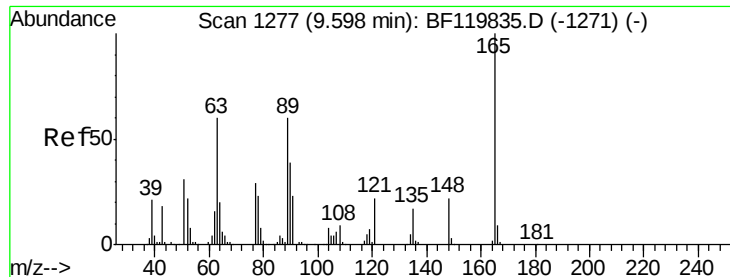
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

164 10.0 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 48.539 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

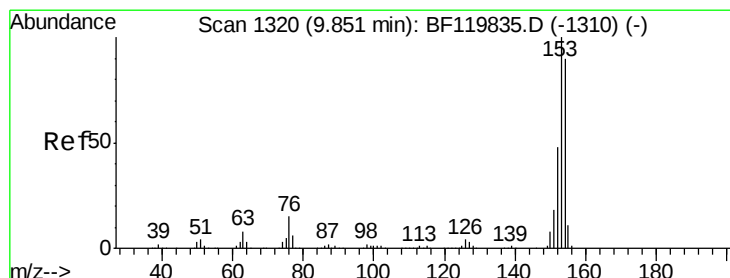
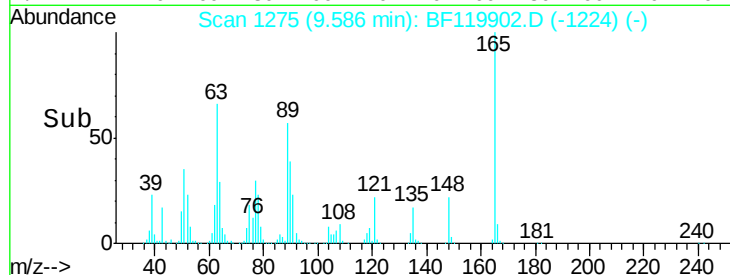
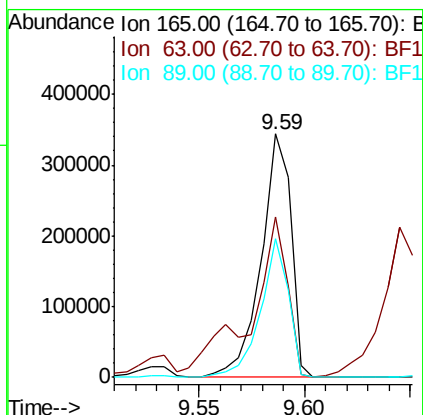
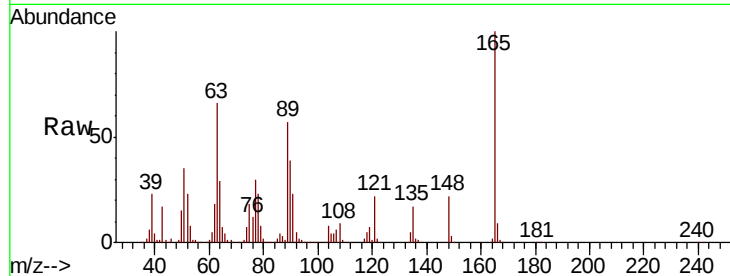
ClientSampleId :

CG-SUBMSD

Tot Ion:	165	Resp:	338651
Ion Ratio	Lower	Upper	
165	100		
63	65.7	55.6	83.4
89	56.9	47.9	71.9

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#52

Acenaphthene

Concen: 51.680 ng m

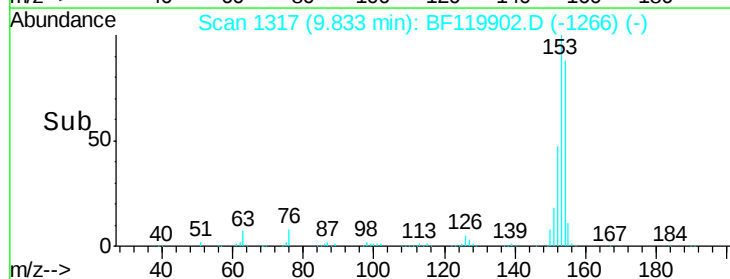
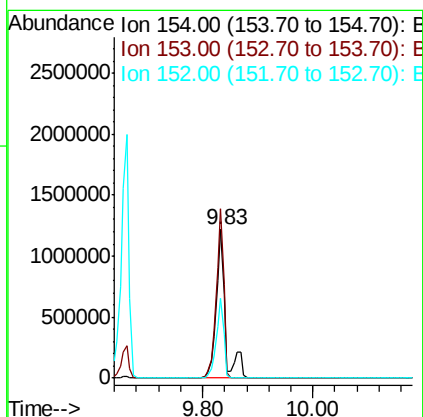
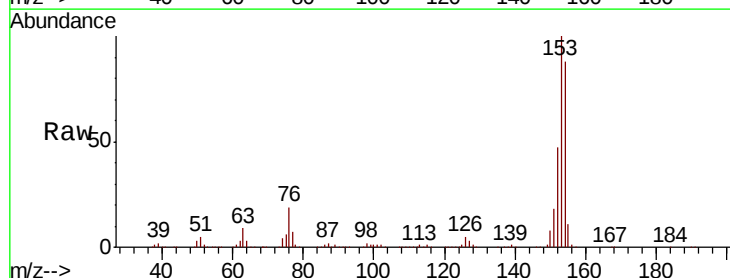
RT: 9.83 min Scan# 1317

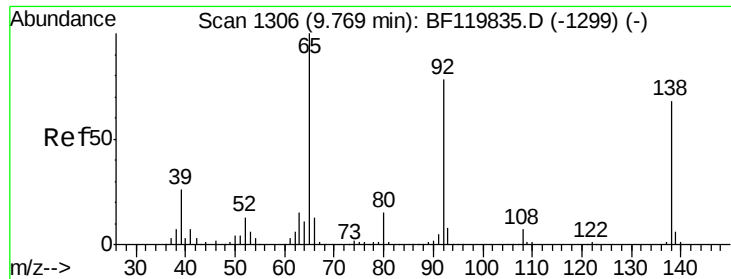
Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Tgt Ion:	154	Resp:	1404178
Ion Ratio	Lower	Upper	
154	100		
153	114.1	88.8	133.2
152	54.0	42.4	63.6





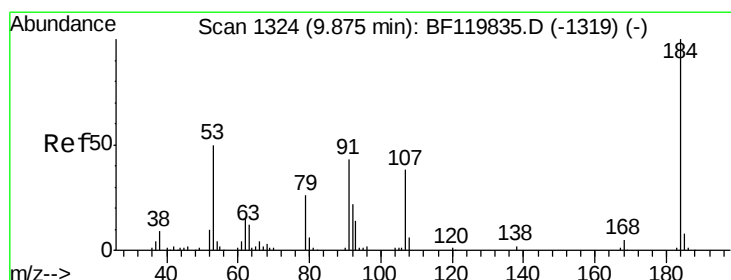
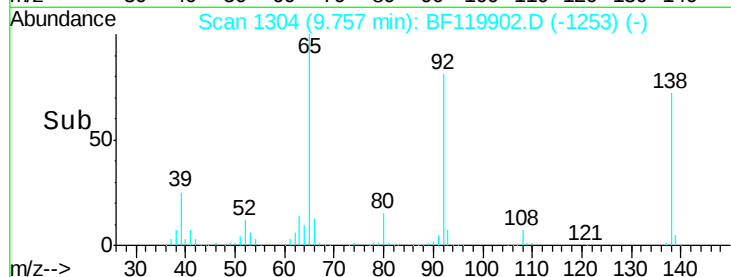
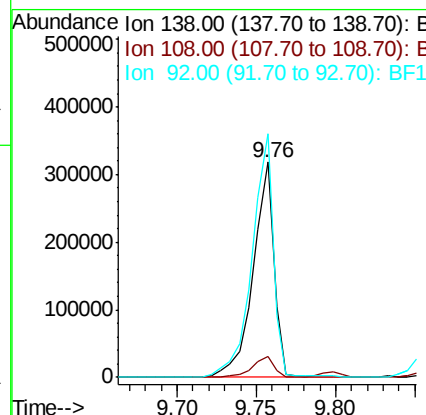
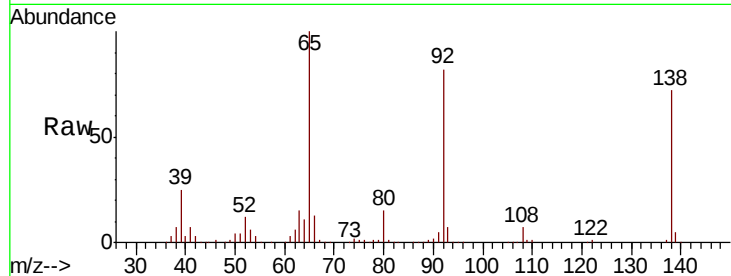
#53
3-Nitroaniline
Concen: 36.566 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.0	12.0
92	113.3	92.1	138.1

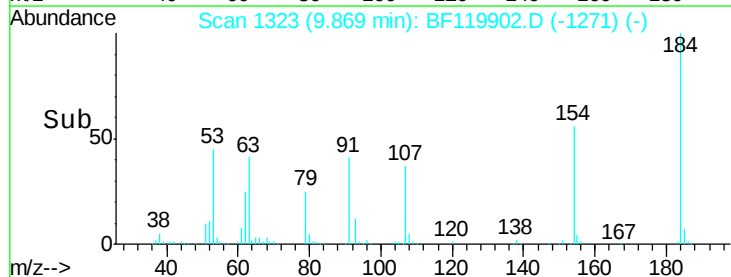
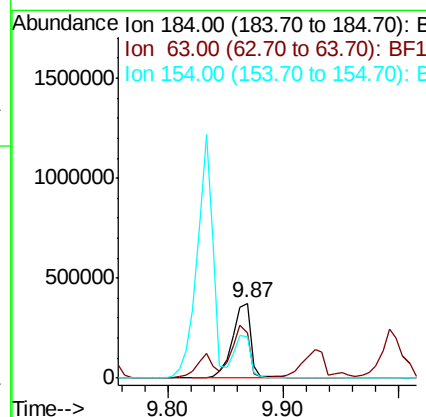
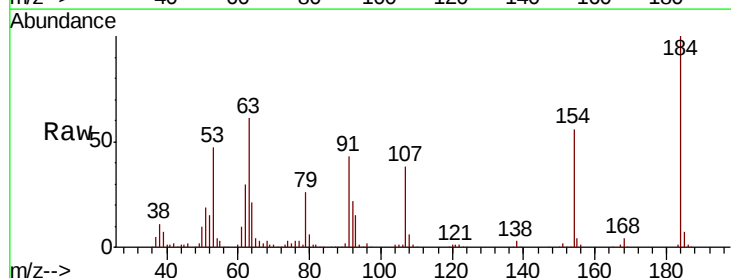
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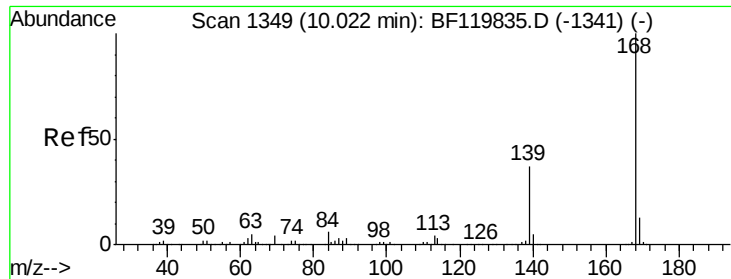
mohammad
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#54
2,4-Dinitrophenol
Concen: 100.570 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	49.8	74.6
154	56.0	46.5	69.7





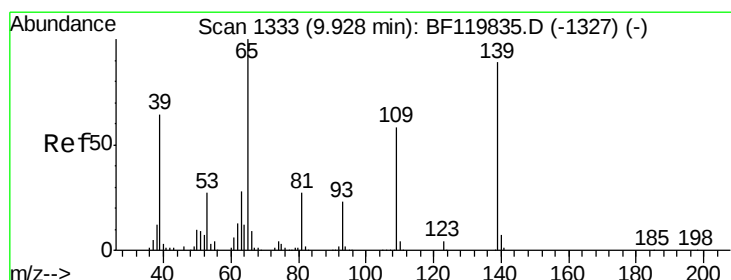
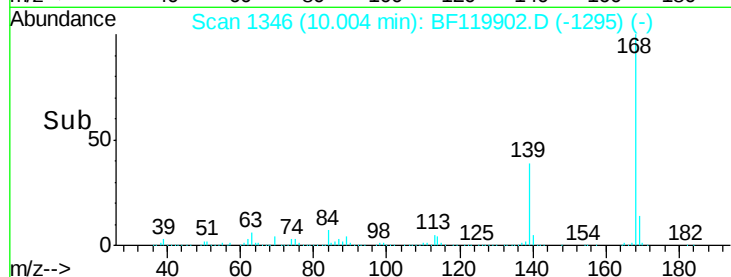
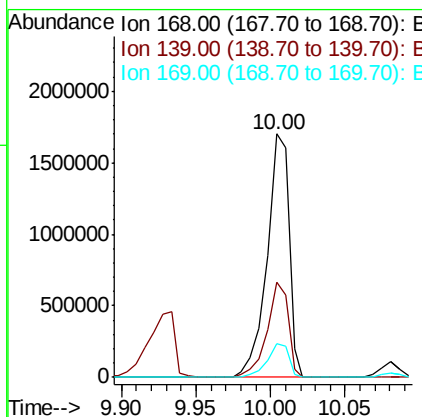
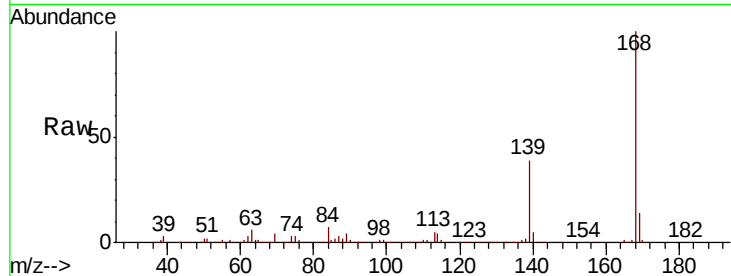
#55
Dibenzenofuran
Concen: 46.327 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.8	44.6
169	13.8	10.6	15.8

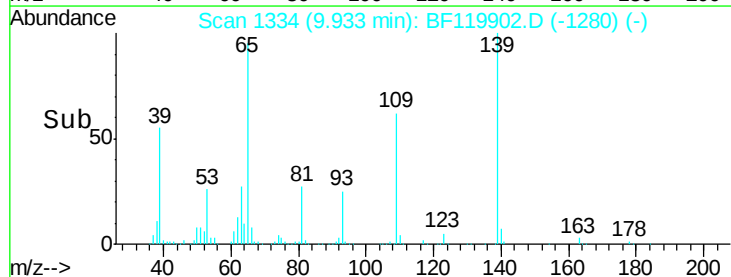
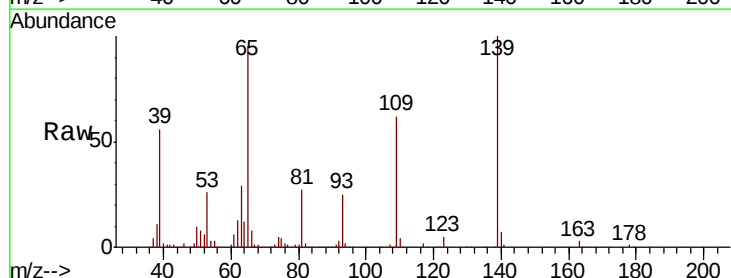
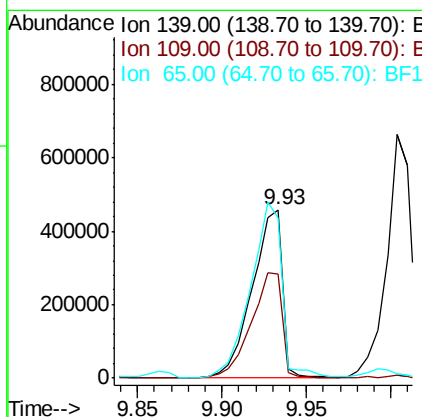
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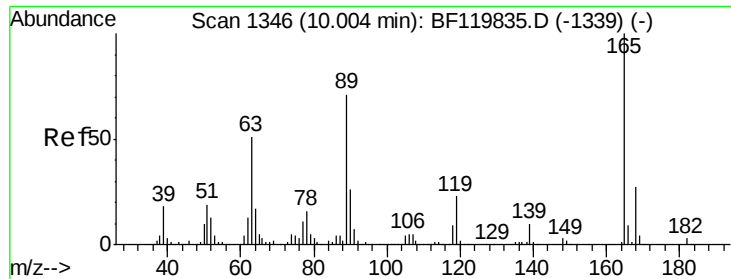
mohammad
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#56
4-Nitrophenol
Concen: 96.778 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	45.5	85.5
65	95.4	92.3	132.3





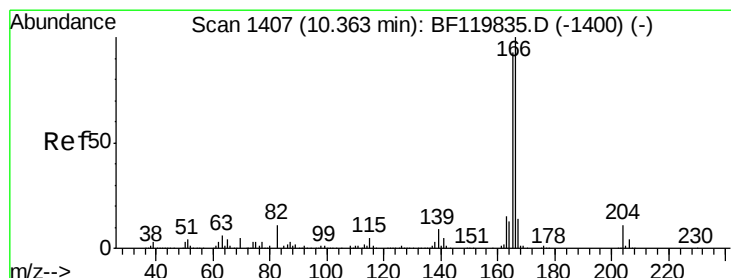
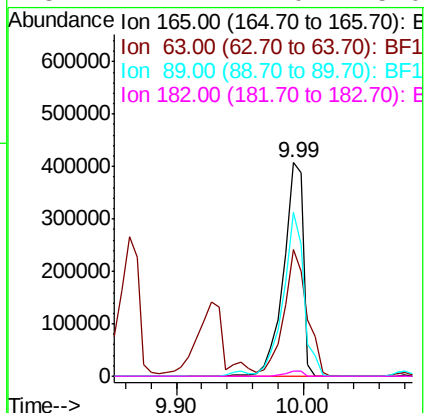
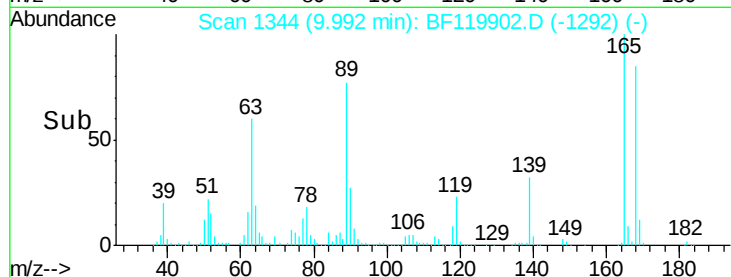
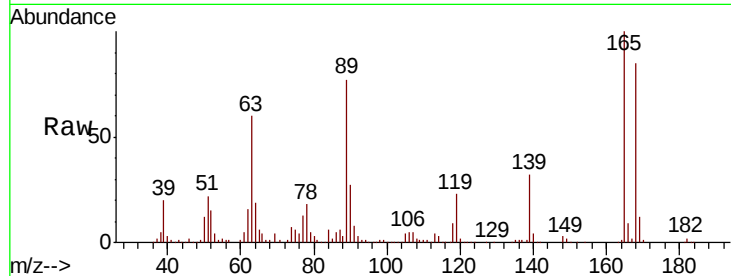
#57
2,4-Dinitrotoluene
Concen: 47.866 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	165	Resp	439991
Ion Ratio	Lower	Upper	
165	100		
63	59.6	40.8	61.2
89	76.6	56.9	85.3
182	2.4	2.0	3.0

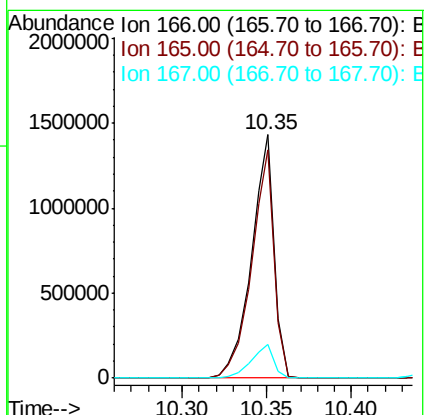
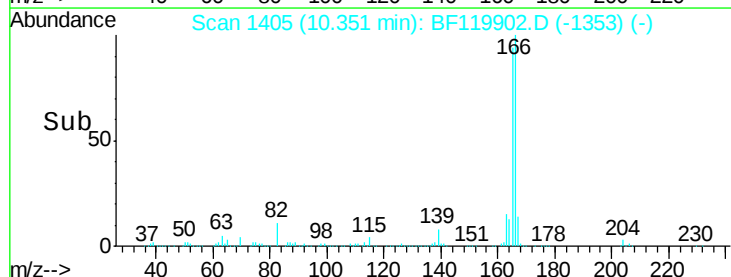
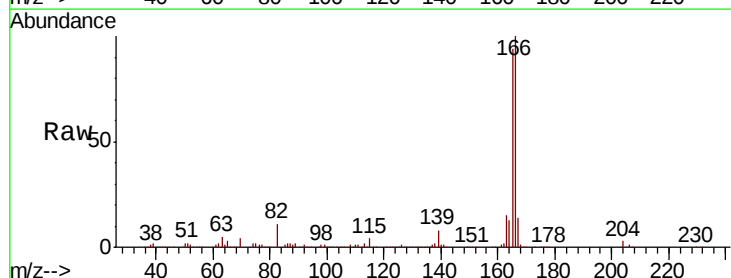
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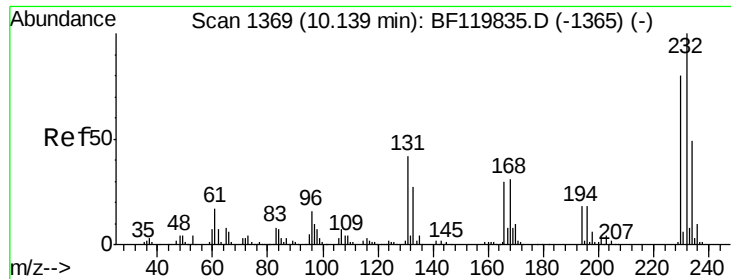
mohammad
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#58
Fluorene
Concen: 44.831 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	166	Resp	1336794
Ion Ratio	Lower	Upper	
166	100		
165	94.0	74.2	111.2
167	13.8	10.8	16.2





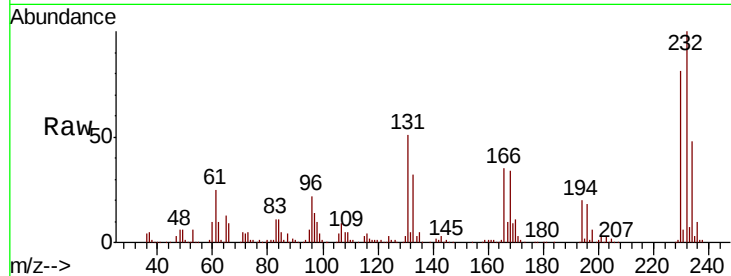
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.263 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.9	56.9
130	2.3	1.8	2.6
166	30.8	25.4	38.0

Manual Integrations
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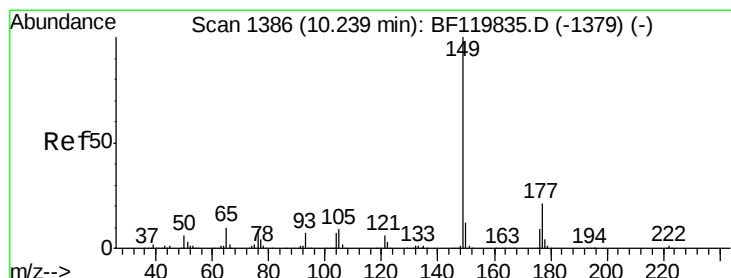
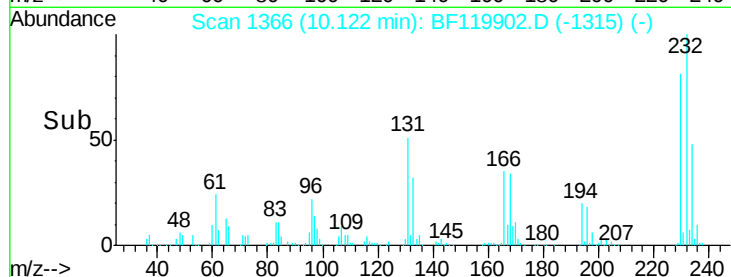
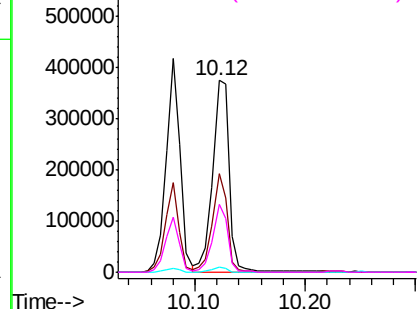
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.531 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

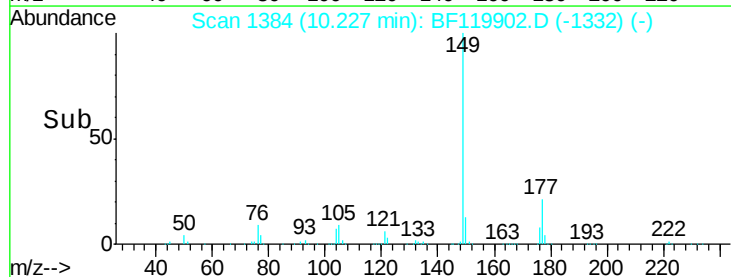
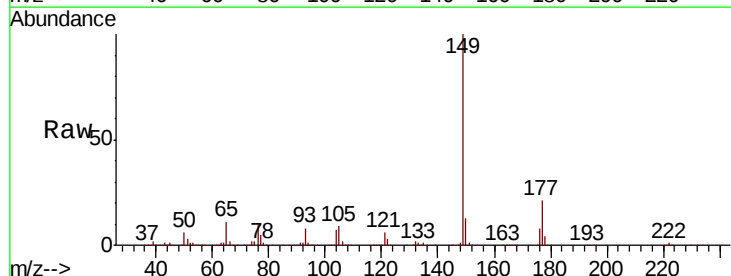
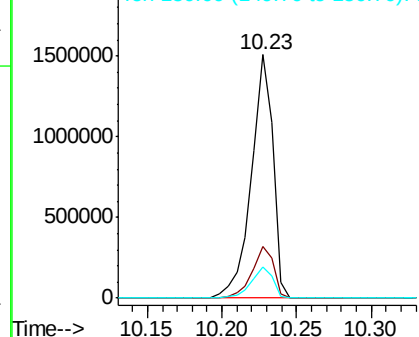
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.9	9.8	14.6

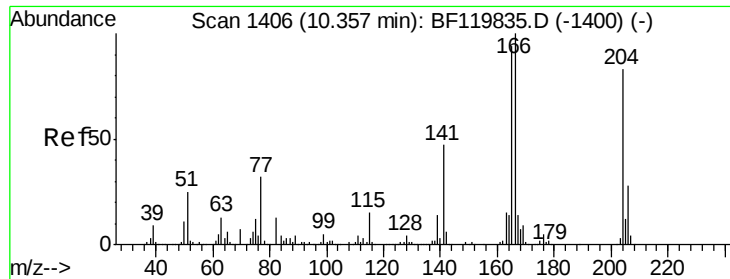
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





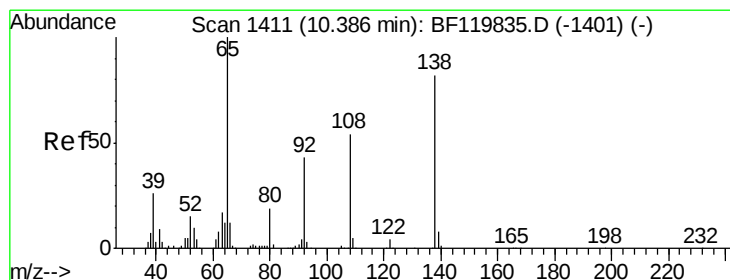
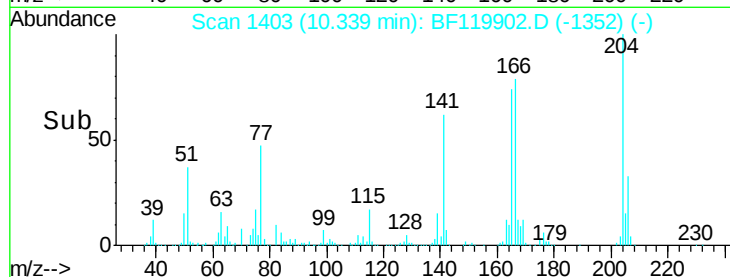
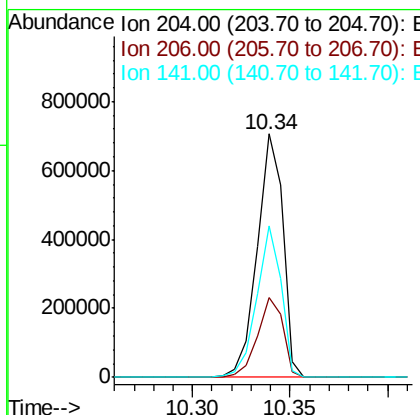
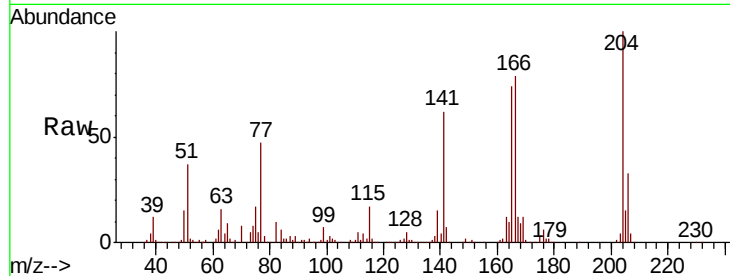
#61
 4-Chlorophenyl-phenylether
 Concen: 42.267 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion:	204	Resp:	645964
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	62.3	45.8	68.8

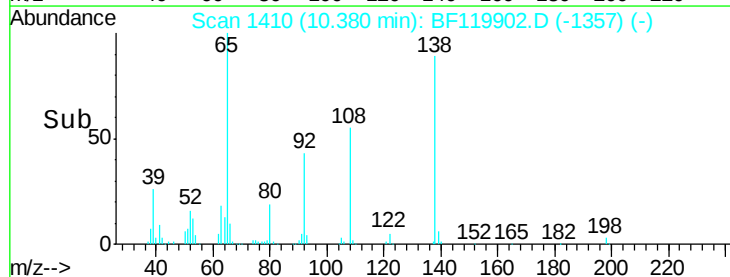
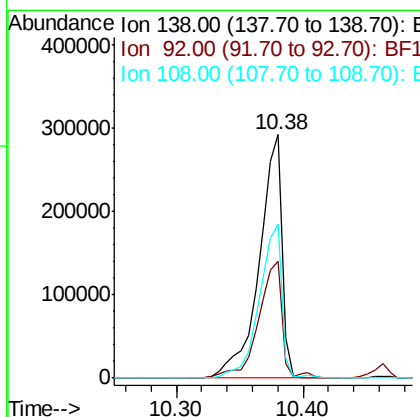
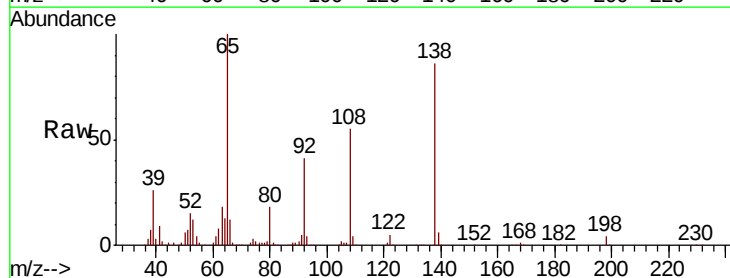
Manual Integrations
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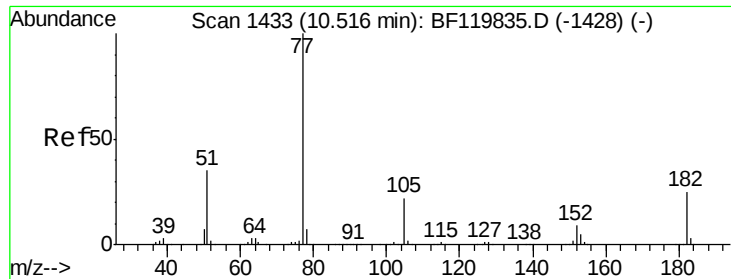
mohammad
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#62
 4-Nitroaniline
 Concen: 48.520 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:	138	Resp:	368448
Ion Ratio	Lower	Upper	
138	100		
92	48.0	31.6	71.6
108	63.5	45.2	85.2





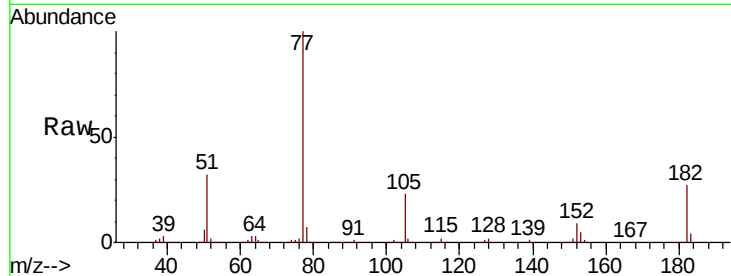
#63
Azobenzene
Concen: 47.824 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

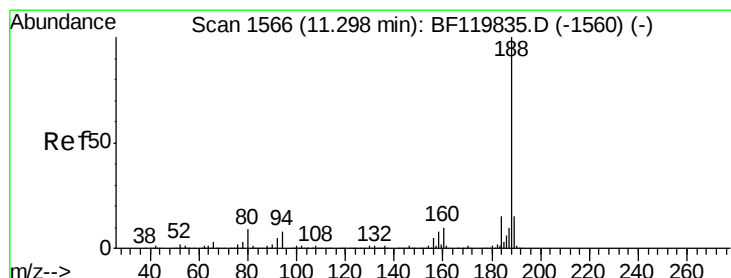
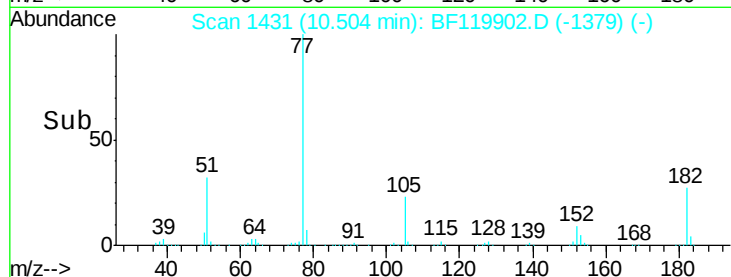
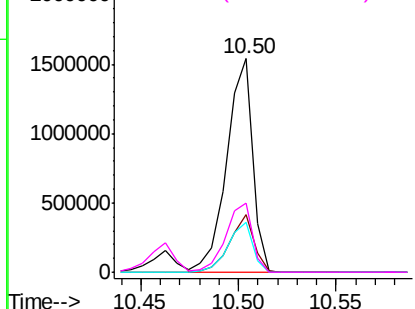
Tot Ion: 77 Resp: 1415262
Ion Ratio Lower Upper
77 100
182 26.8 4.5 44.5
105 23.1 2.2 42.2
51 32.2 15.1 55.1

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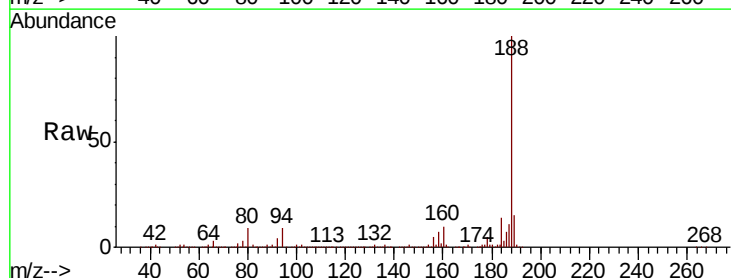


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

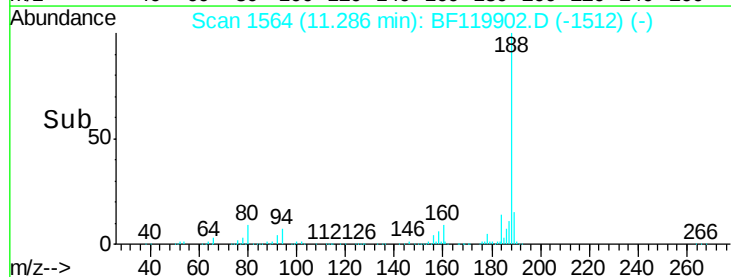
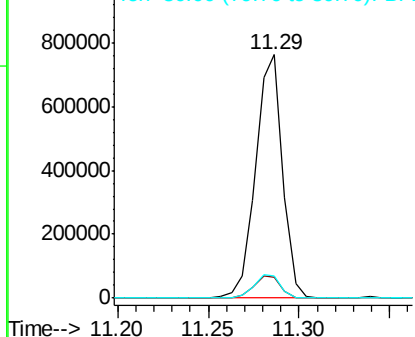


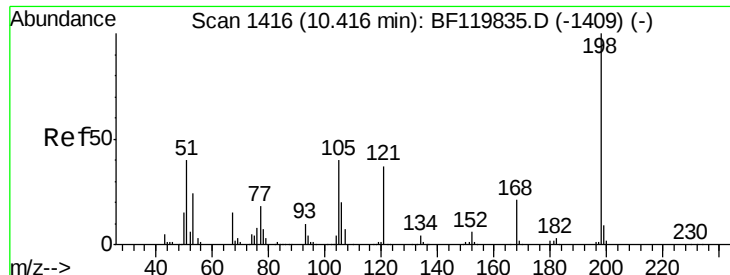
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion: 188 Resp: 782960
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.1 7.4 11.2



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





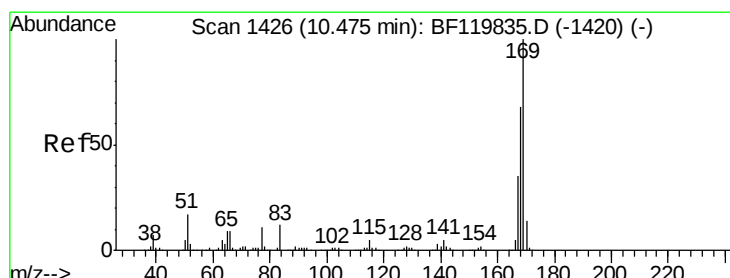
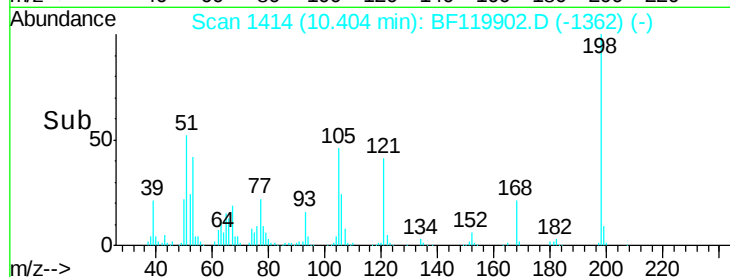
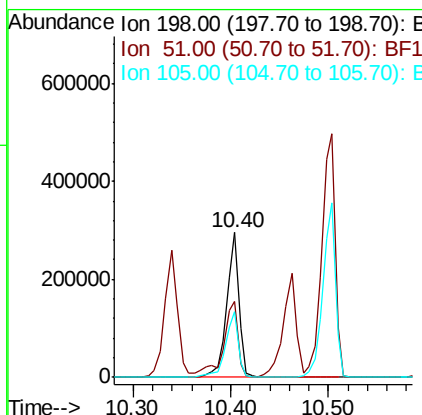
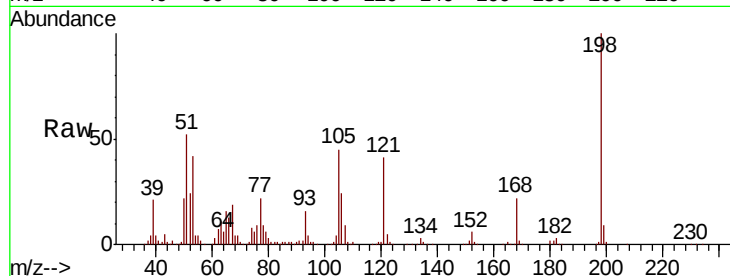
#65
4,6-Dinitro-2-methylphenol
Concen: 50.608 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	261048		
51	52.1	25.2	65.2	
105	45.4	20.8	60.8	

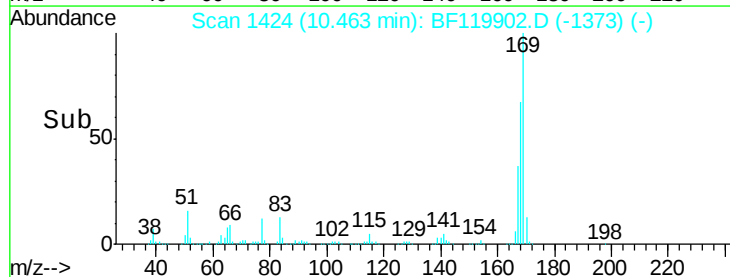
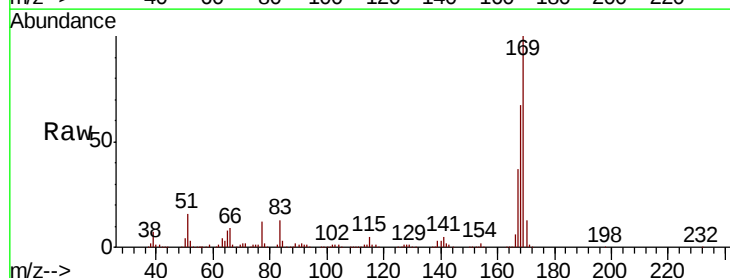
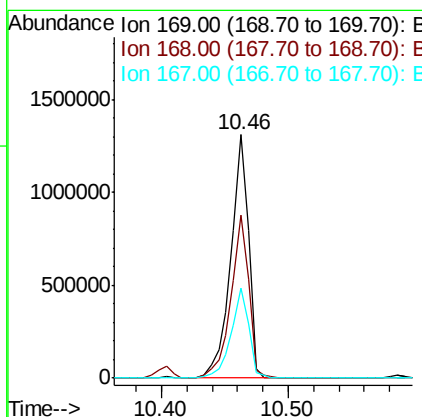
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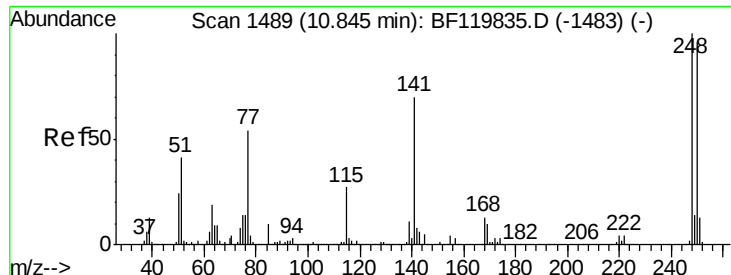
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#66
n-Nitrosodiphenylamine
Concen: 48.185 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1254701		
168	67.0	54.2	81.4	
167	36.9	28.3	42.5	





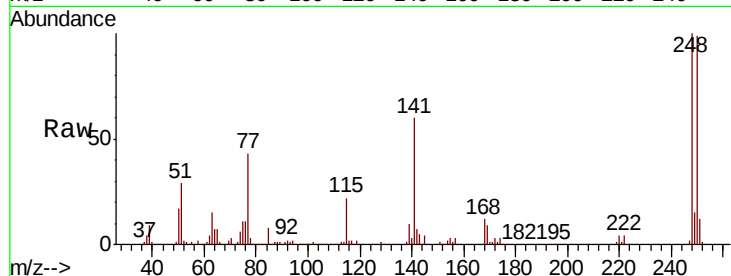
#67
 4-Bromophenyl-phenylether
 Concen: 44.693 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.6	114.8
141	59.6	55.9	83.9

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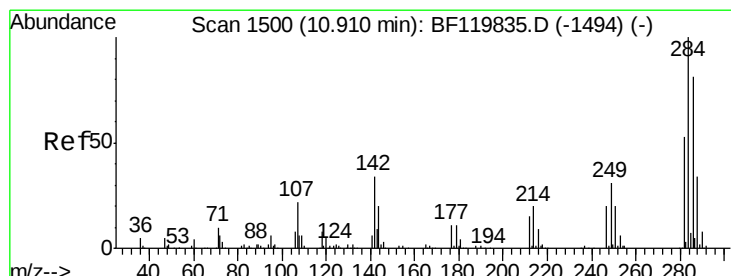
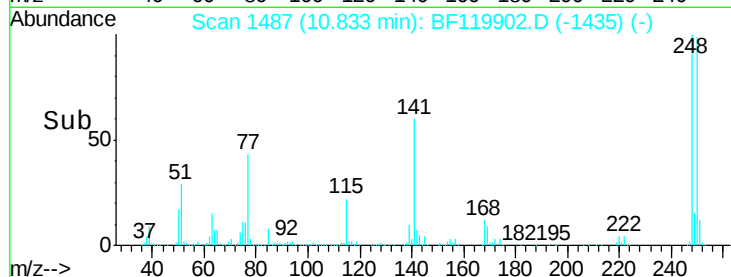
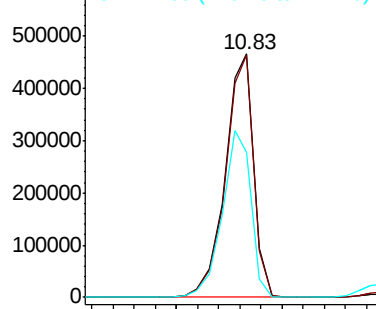


Abundance

Ion 248.00 (247.70 to 248.70): E

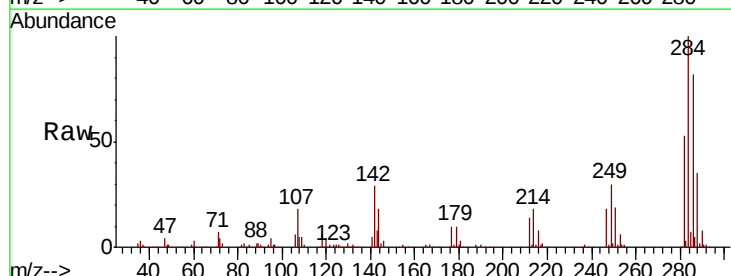
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.368 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	26.9	40.3
249	30.2	24.6	37.0

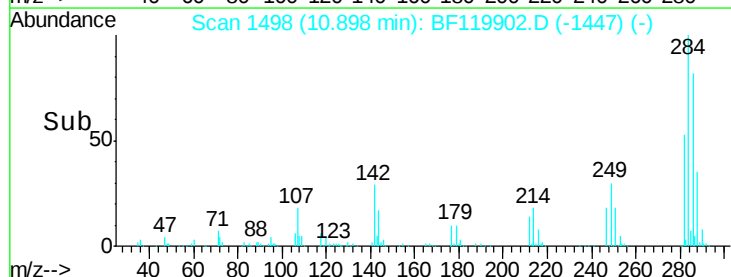
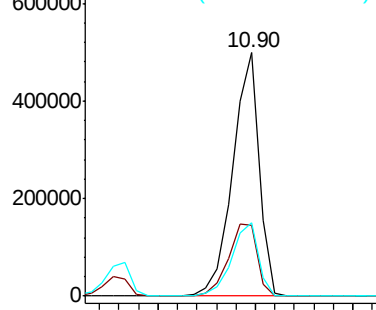


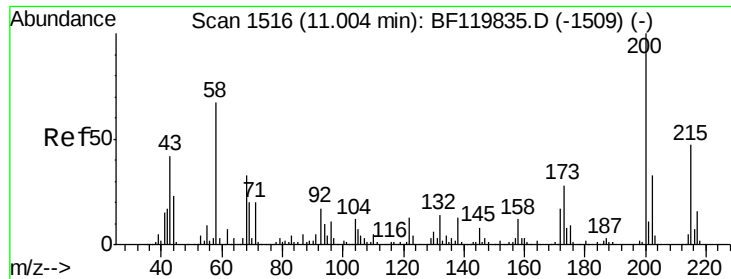
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





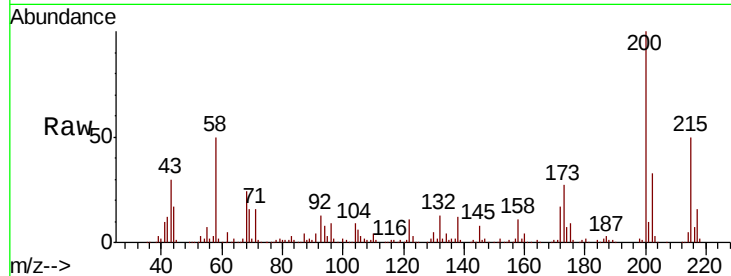
#69
Atrazine
Concen: 51.516 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	373228		
173	26.8	8.0	48.0	
215	49.9	27.1	67.1	

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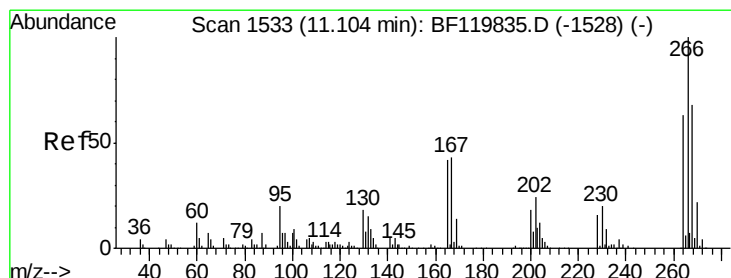
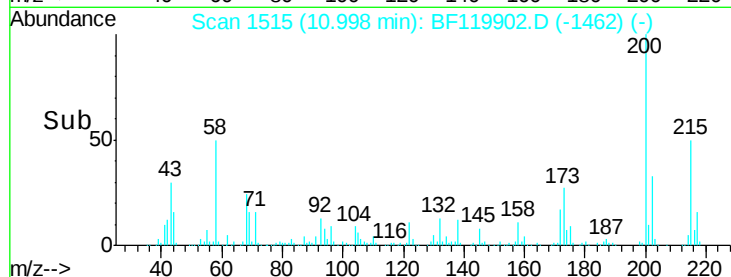
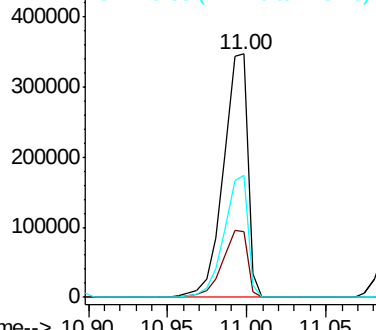


Abundance

Ion 200.00 (199.70 to 200.70): E

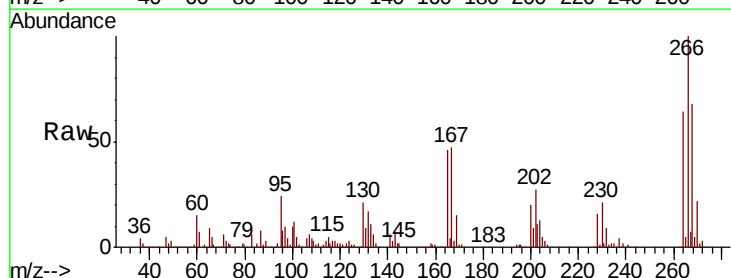
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 89.515 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	509545		
268	67.6	54.2	81.4	
264	64.2	50.6	76.0	

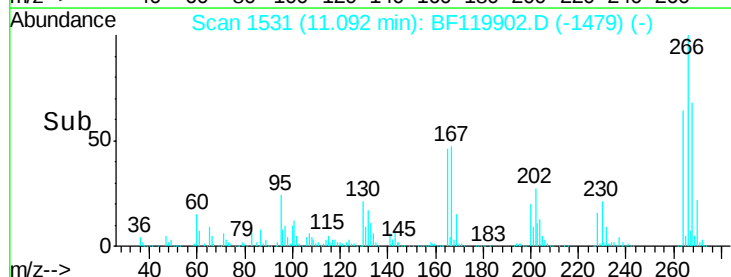
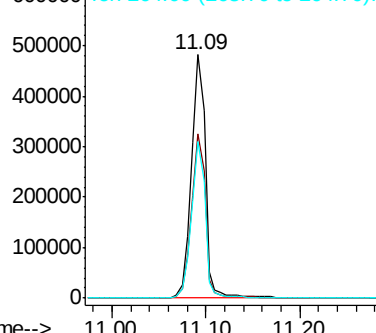


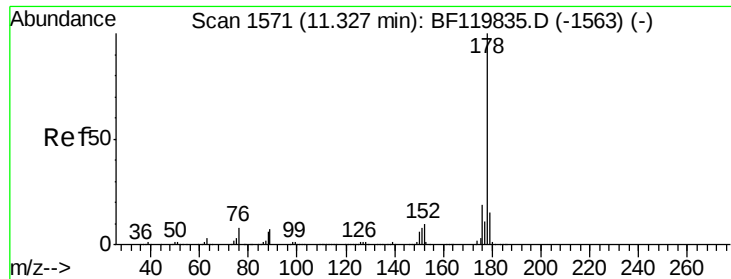
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





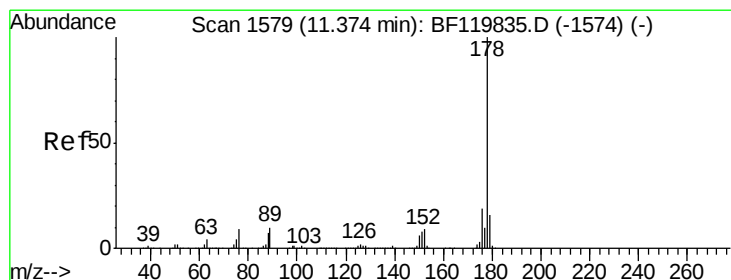
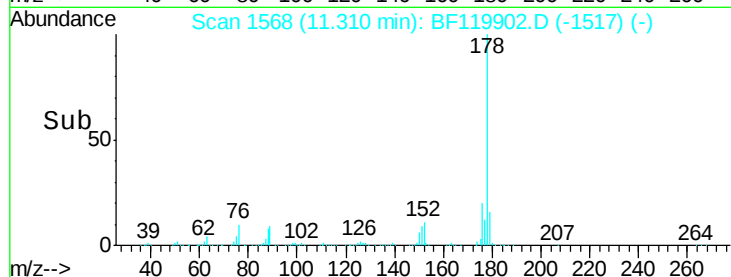
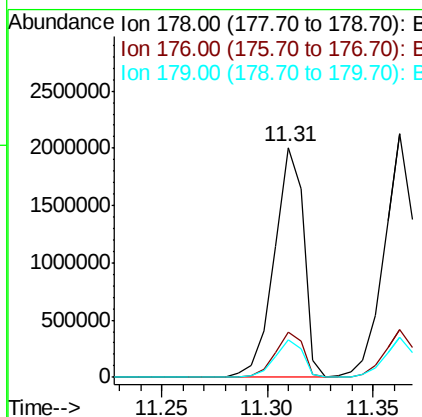
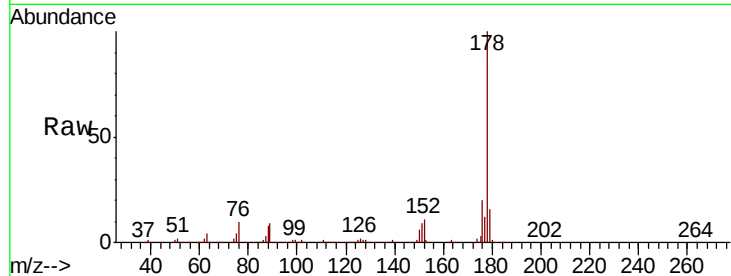
#71
Phenanthrene
Concen: 46.711 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion:178 Resp: 1946428
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 16.2 12.2 18.4

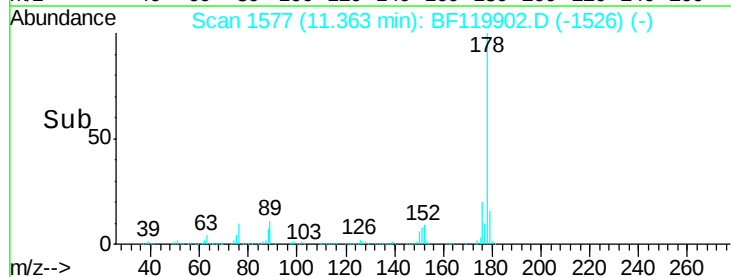
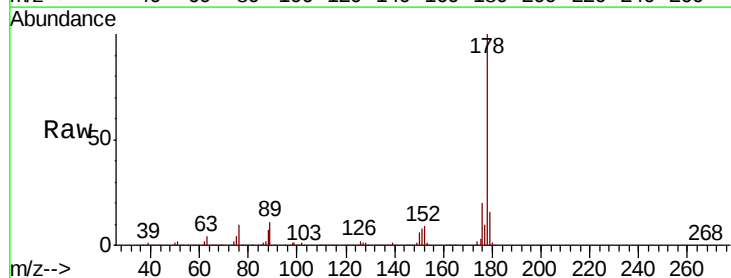
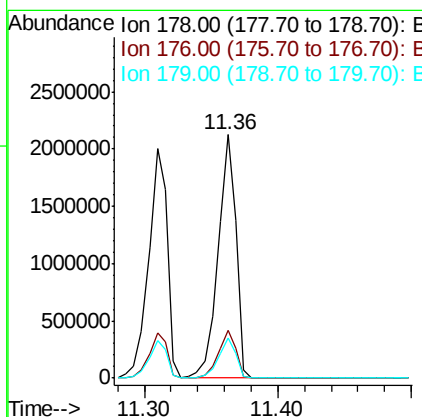
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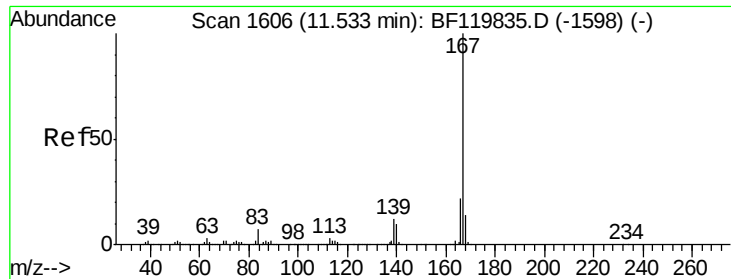
mohammad
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#72
Anthracene
Concen: 47.181 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:178 Resp: 2008416
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 16.4 12.8 19.2





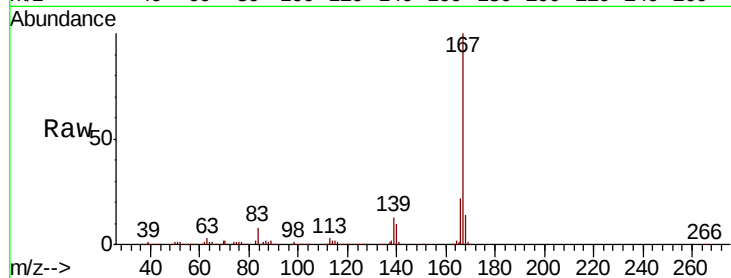
#73
 Carbazole
 Concen: 46.404 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.6	9.8	14.8

Manual Integrations
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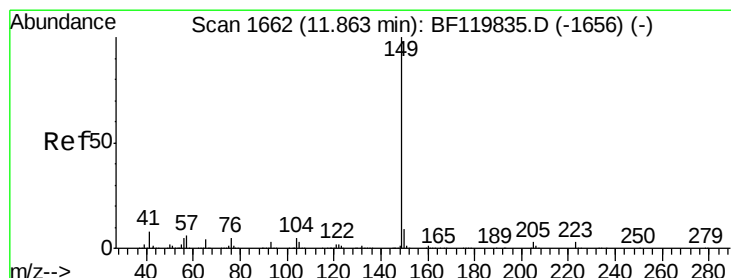
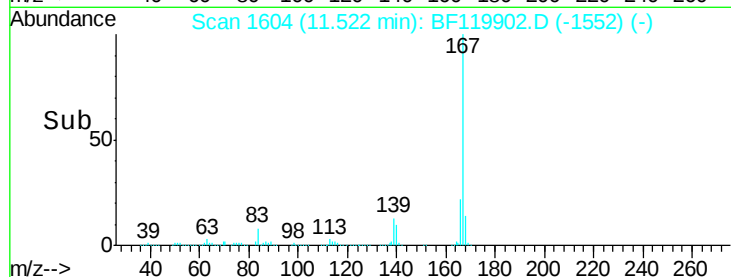
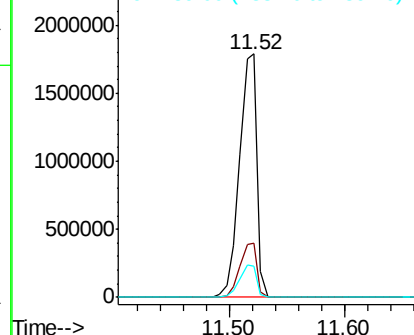


Abundance

Ion 167.00 (166.70 to 167.70): E

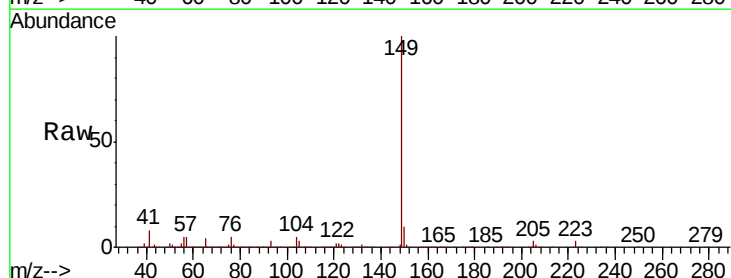
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 43.906 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	4.7	3.8	5.6

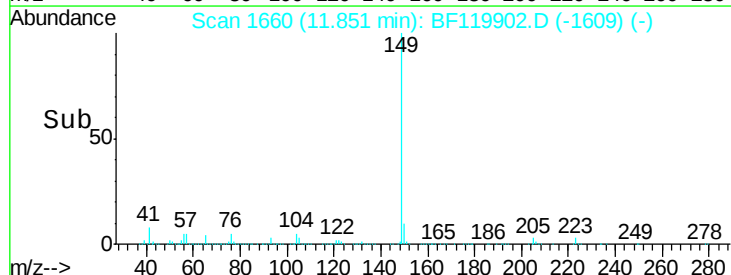
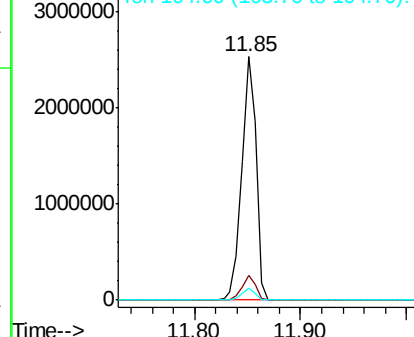


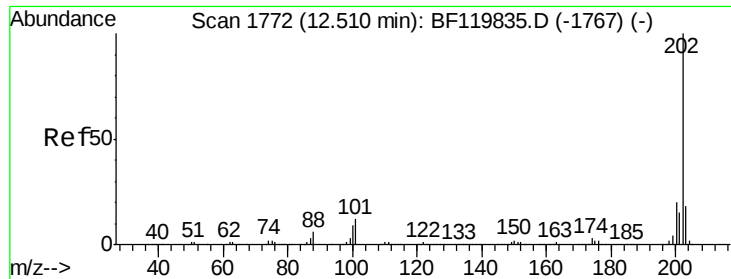
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





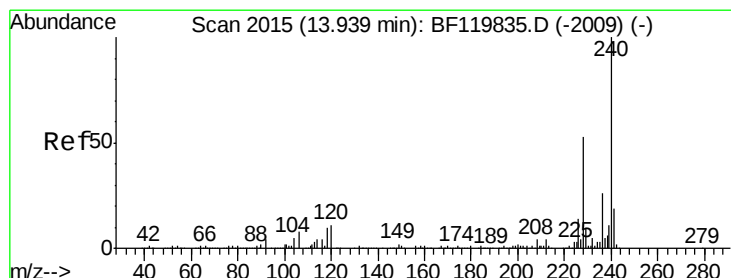
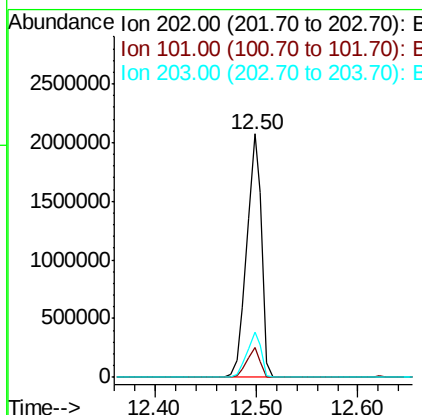
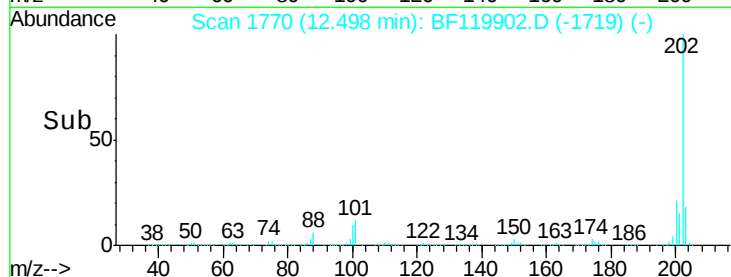
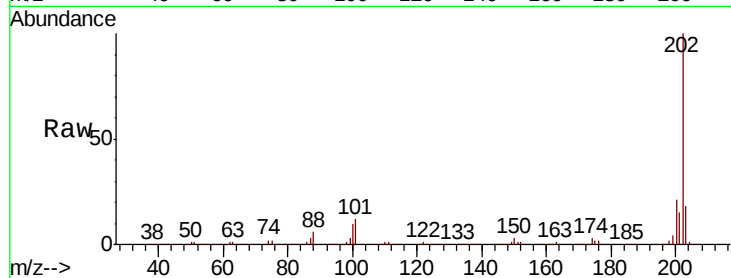
#75
Fluoranthene
Concen: 46.582 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.3
203	18.5	0.0	37.6

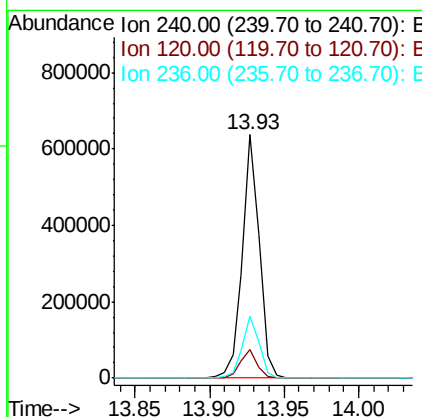
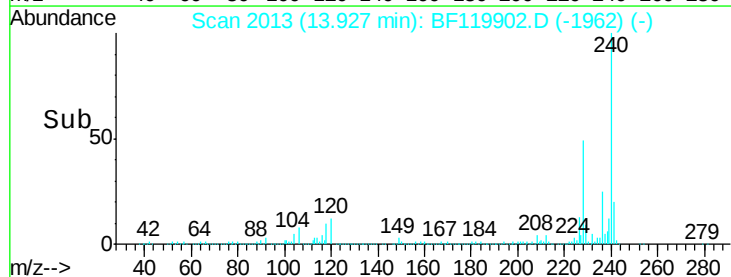
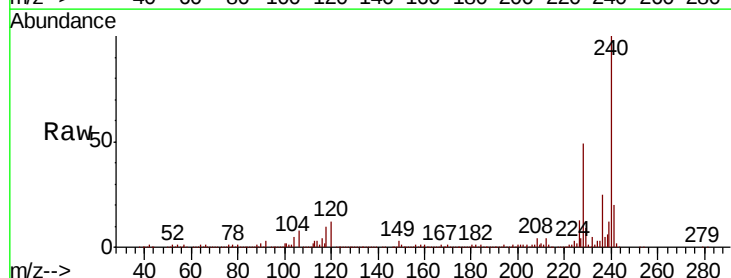
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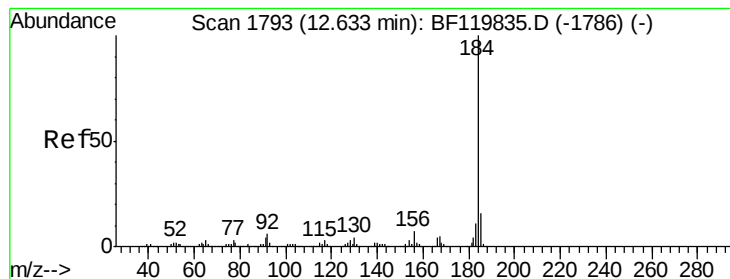
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	25.3	20.7	31.1





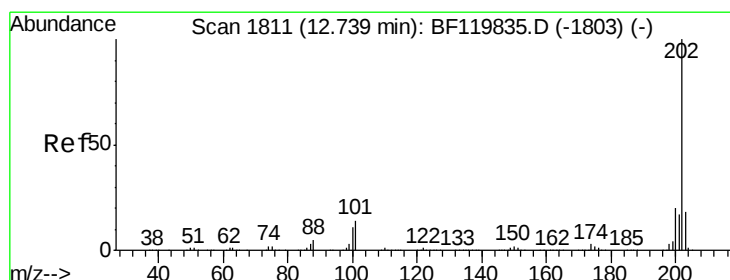
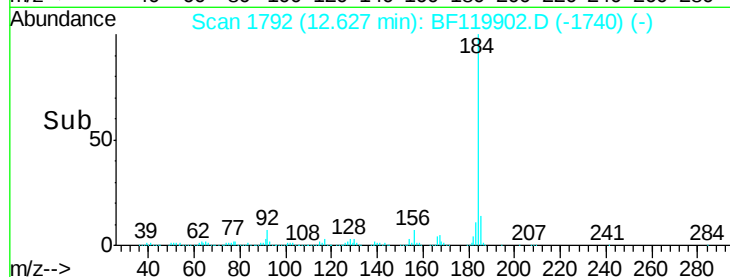
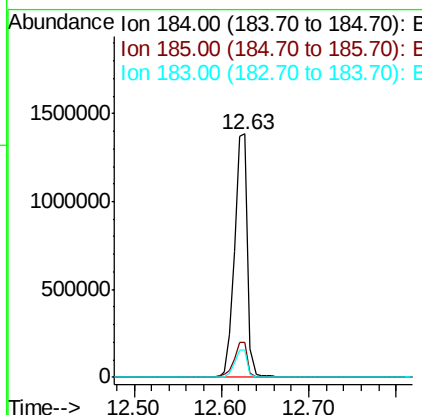
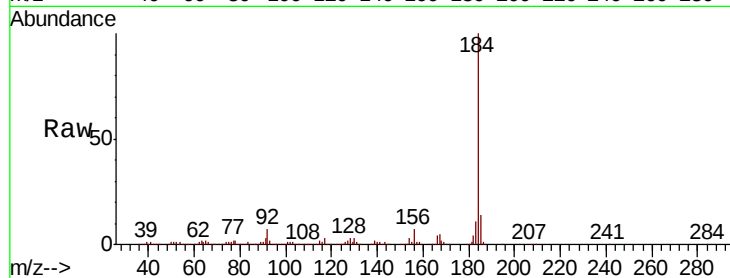
#77
Benzidine
Concen: 82.246 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.2	19.8
183	11.0	9.1	13.7

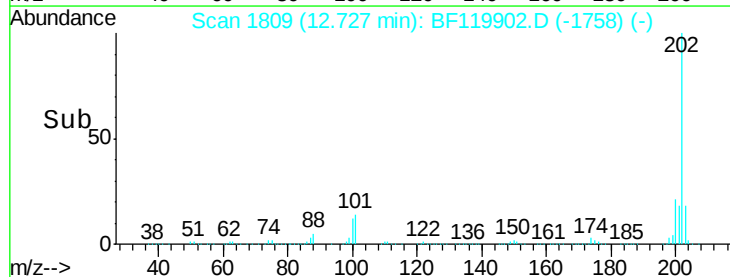
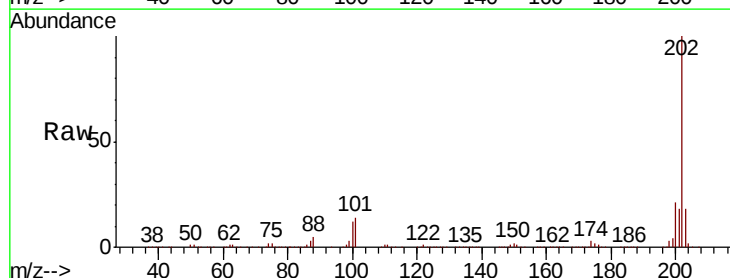
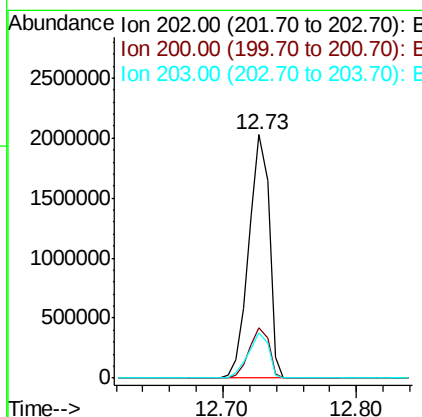
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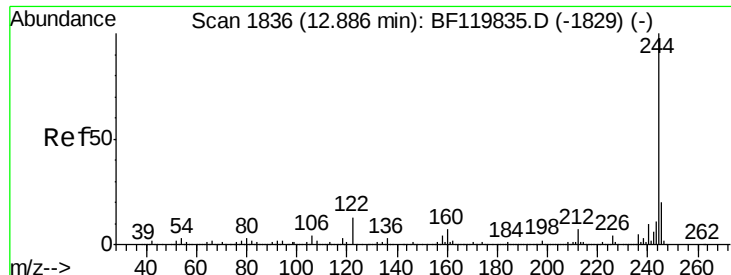
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#78
Pyrene
Concen: 49.467 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.2
203	18.4	14.1	21.1





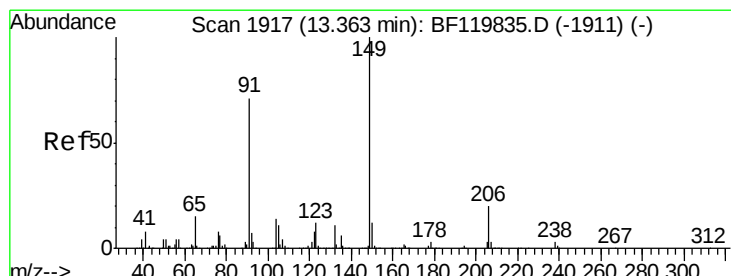
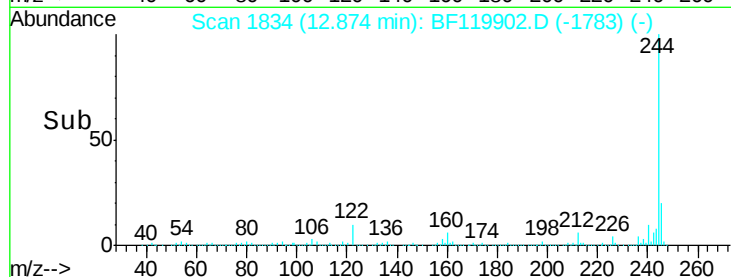
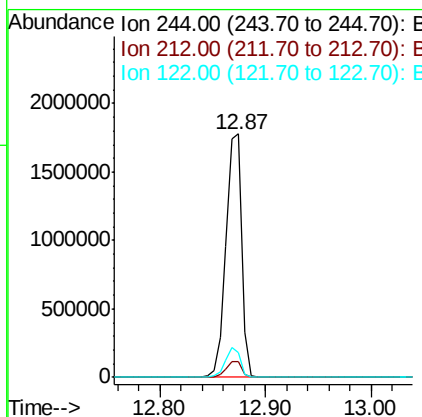
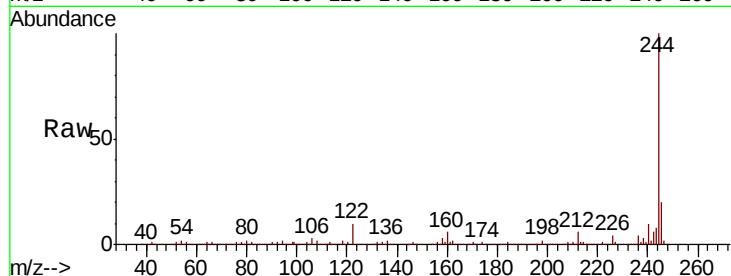
#79
 Terphenyl-d14
 Concen: 60.812 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion:244 Resp: 1829648
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.1 10.3 15.5#

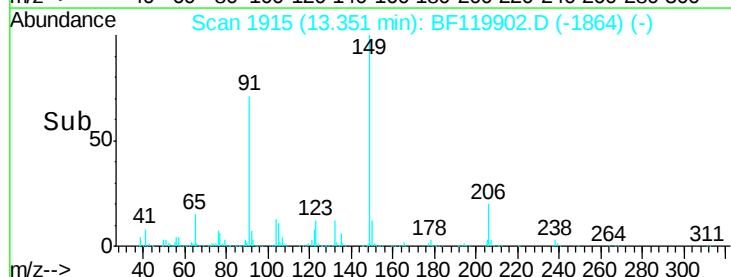
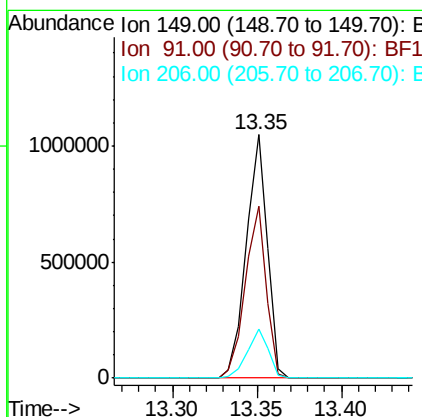
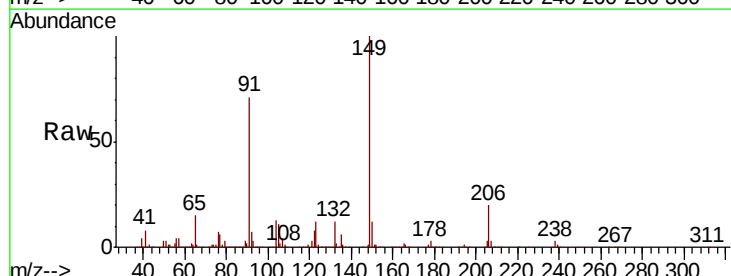
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#80
 Butylbenzylphthalate
 Concen: 44.497 ng
 RT: 13.35 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:149 Resp: 921499
 Ion Ratio Lower Upper
 149 100
 91 70.8 56.7 85.1
 206 20.4 15.7 23.5





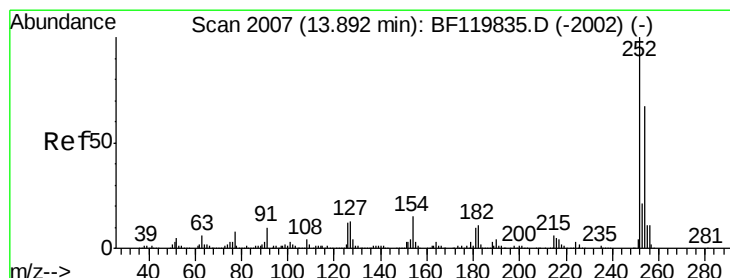
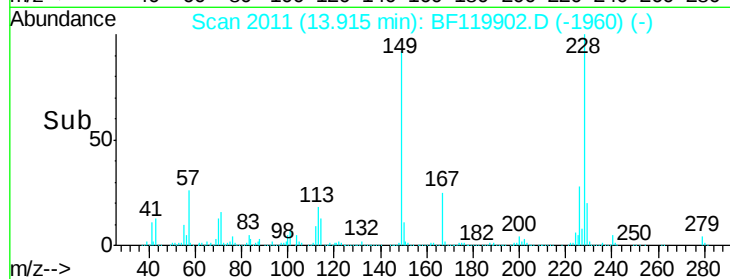
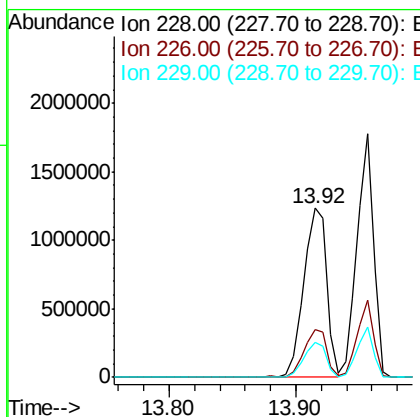
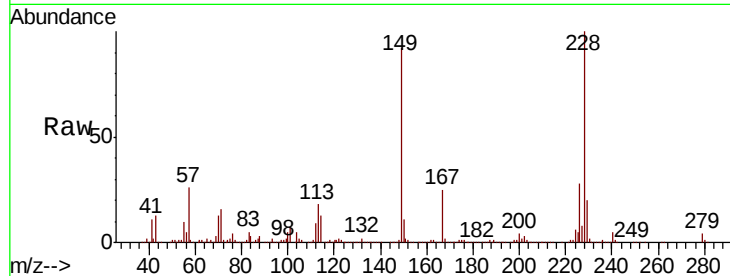
#81
Benzo(a)anthracene
Concen: 46.548 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion:228 Resp: 1550299
Ion Ratio Lower Upper
228 100
226 27.8 21.9 32.9
229 20.5 15.9 23.9

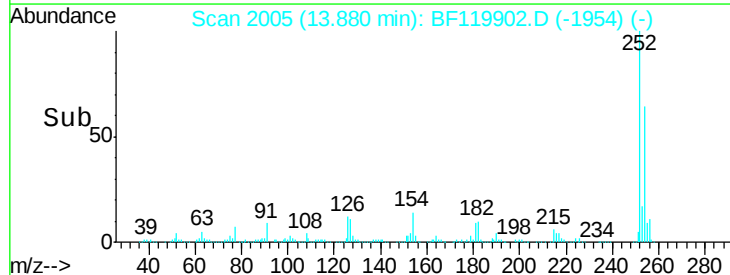
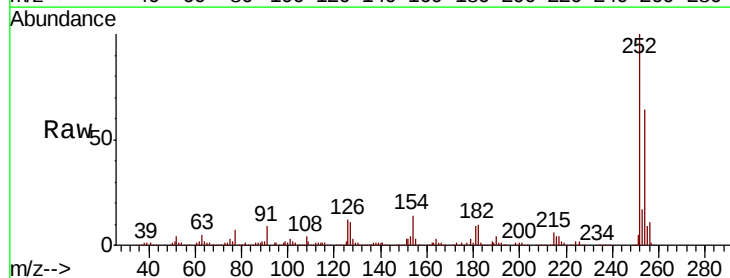
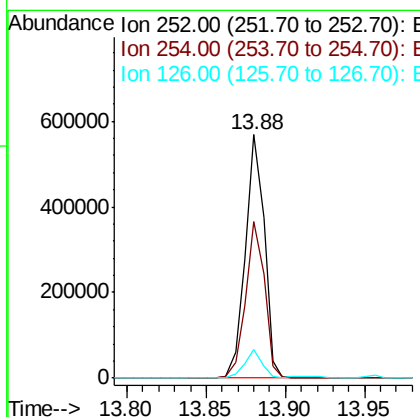
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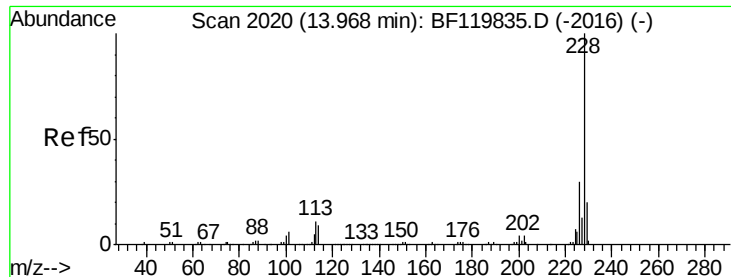
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#82
3,3'-Dichlorobenzidine
Concen: 37.958 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion:252 Resp: 471702
Ion Ratio Lower Upper
252 100
254 64.4 53.9 80.9
126 11.5 9.7 14.5





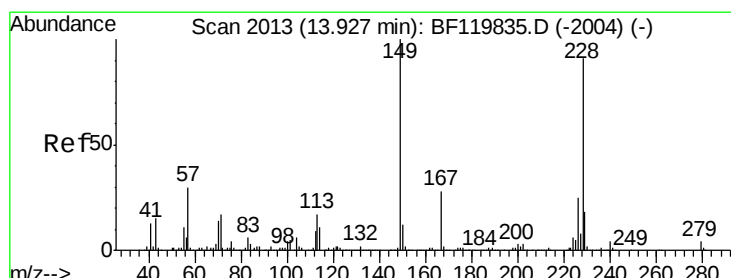
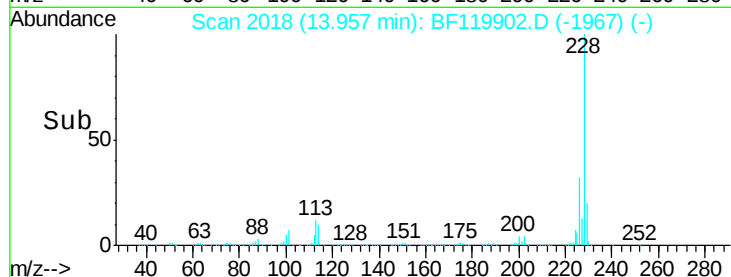
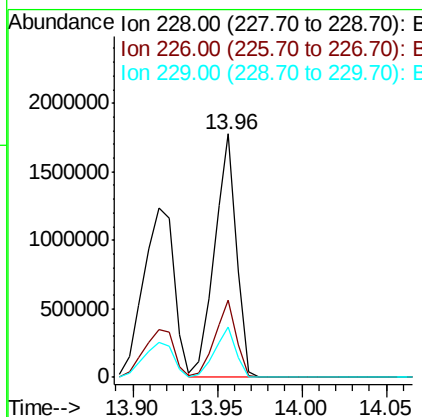
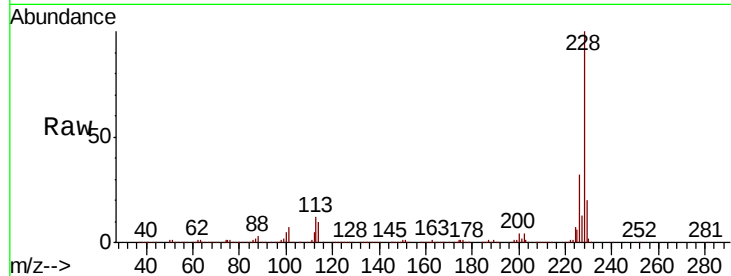
#83
 Chrysene
 Concen: 47.281 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SUBMSD

Tot Ion:228 Resp: 1600043
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.2 36.2
 229 20.4 15.9 23.9

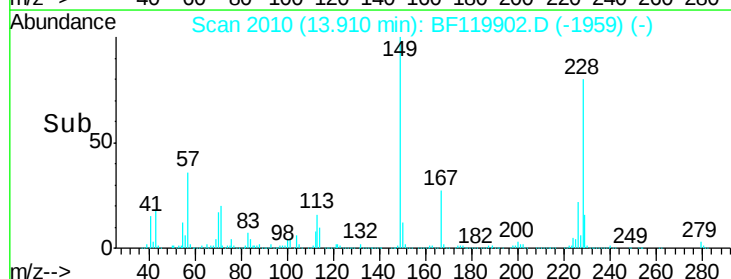
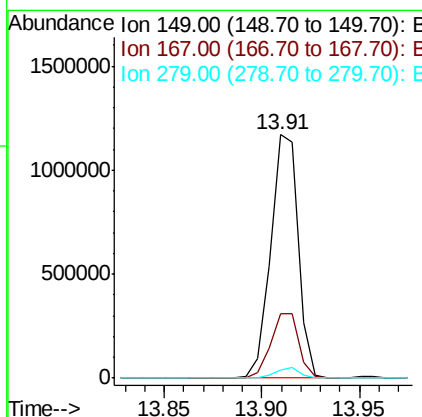
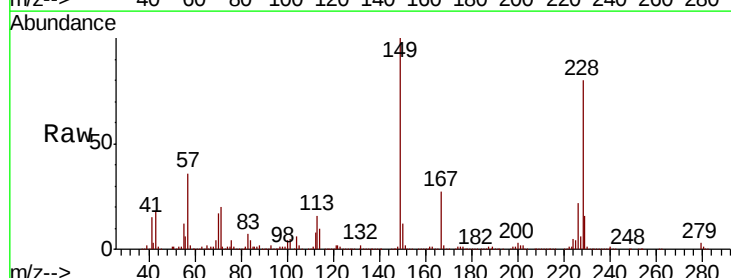
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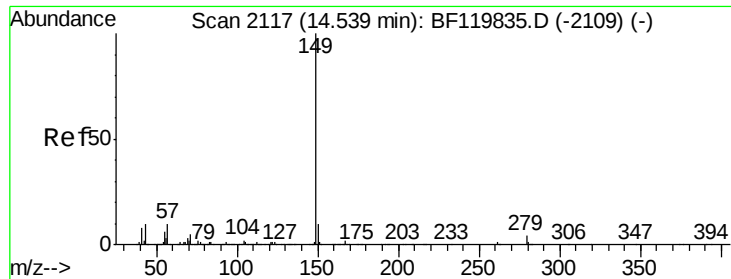
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.770 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF119902.D
 Acq: 10 Apr 2020 18:39

Tgt Ion:149 Resp: 1143361
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.2 33.2
 279 3.4 3.4 5.0





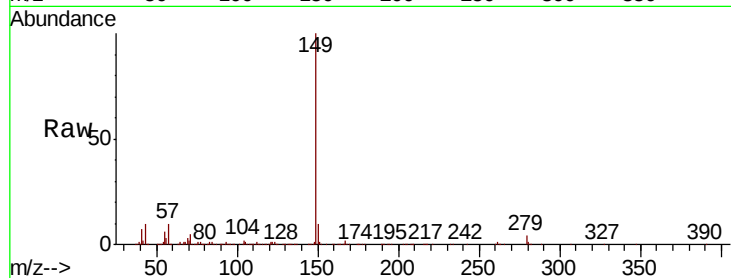
#85
Di-n-octyl phthalate
Concen: 39.728 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

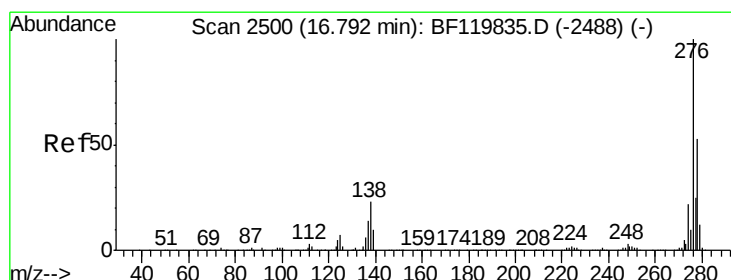
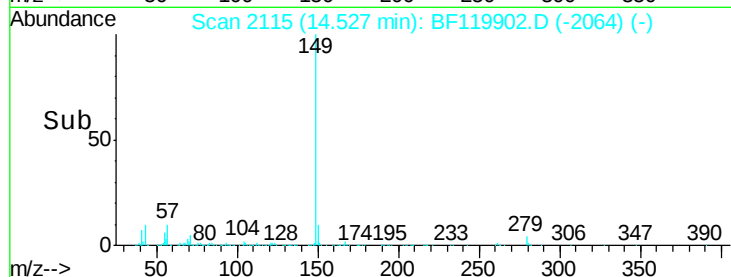
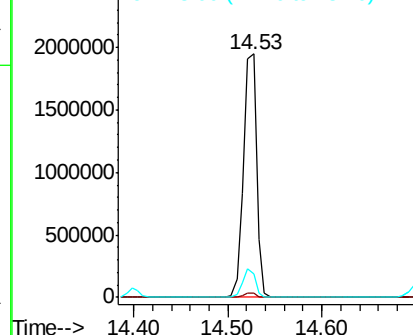
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	9.2	13.8

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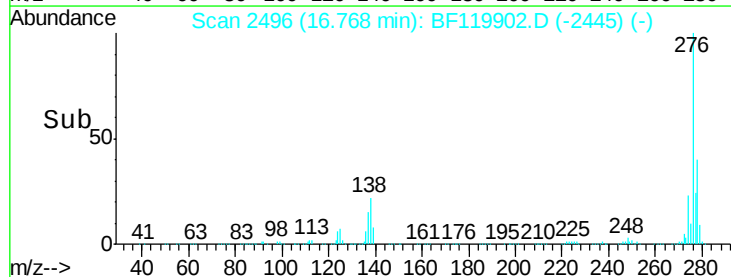
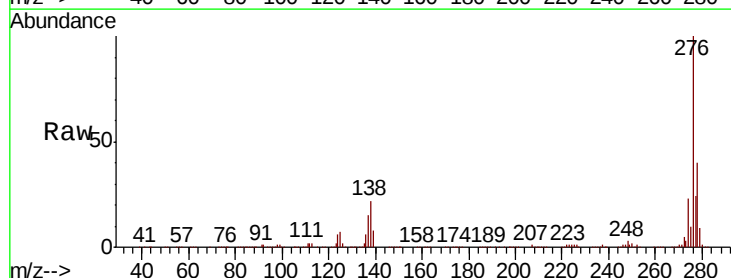
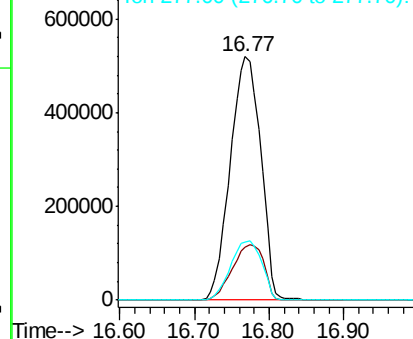
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

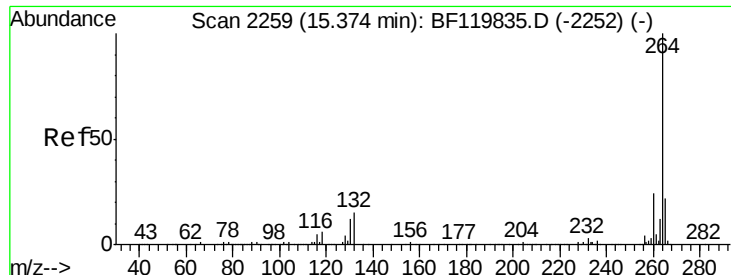


#86
Indeno(1,2,3-cd)pyrene
Concen: 49.414 ng
RT: 16.77 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.0	27.0
277	25.1	20.1	30.1

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





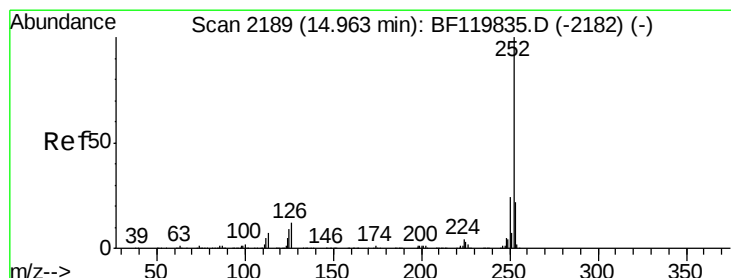
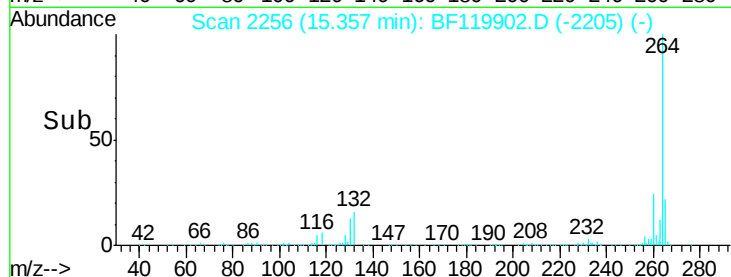
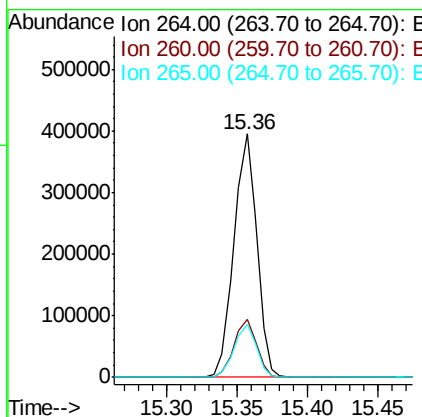
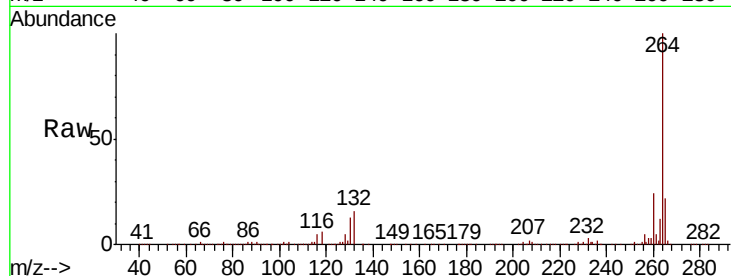
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.6	17.6	26.4

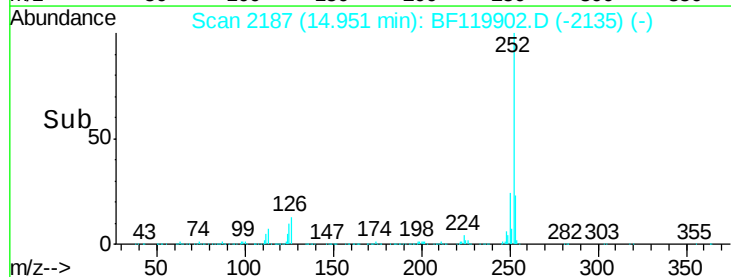
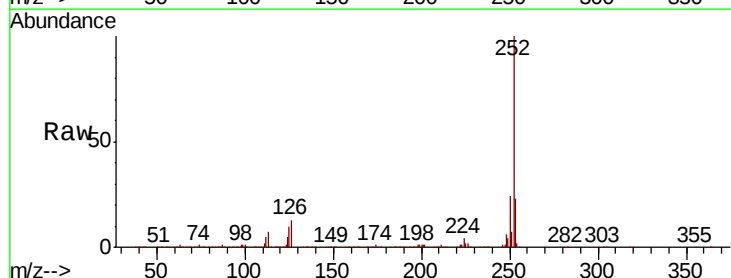
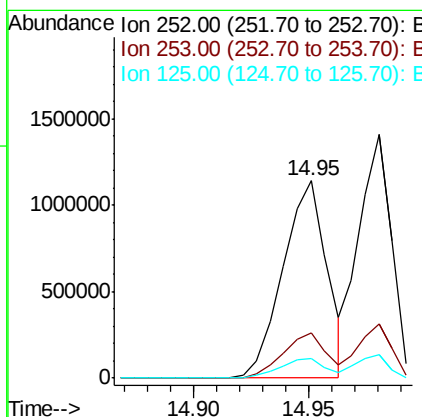
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#88
Benzo(b)fluoranthene
Concen: 46.600 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.8	7.4	11.2





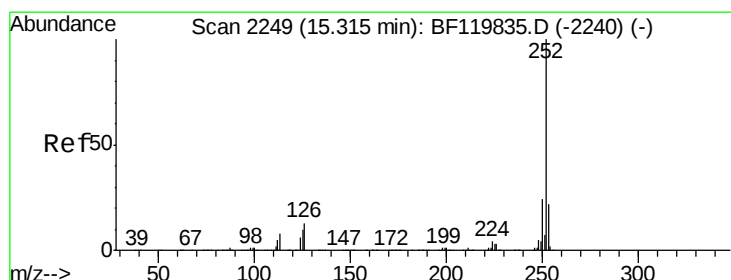
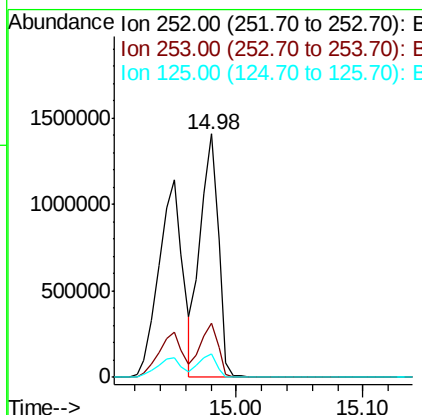
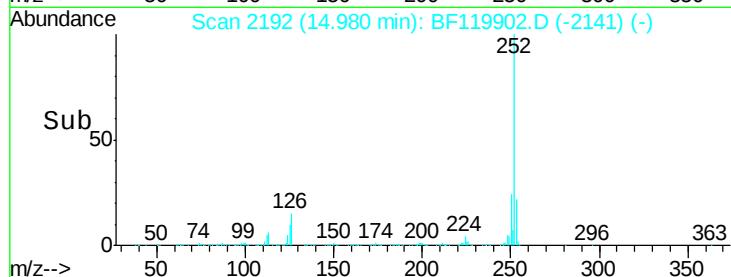
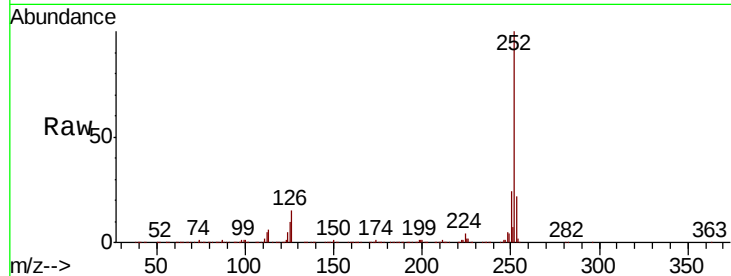
#89
Benzo(k)fluoranthene
Concen: 49.786 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.9	7.7	11.5

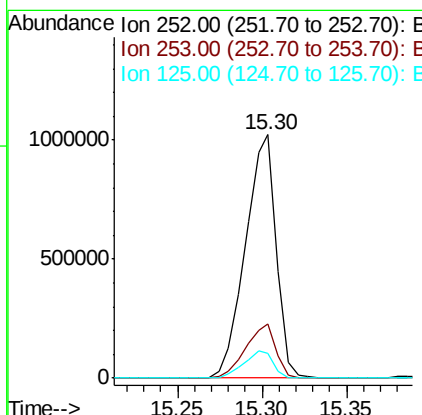
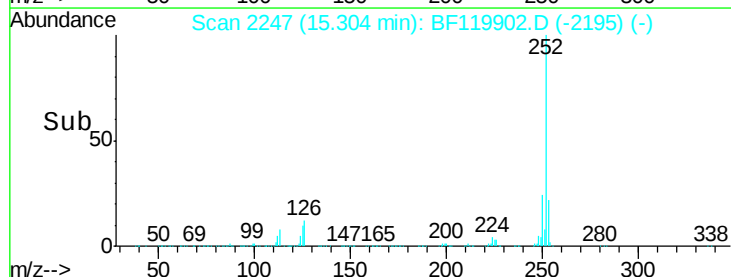
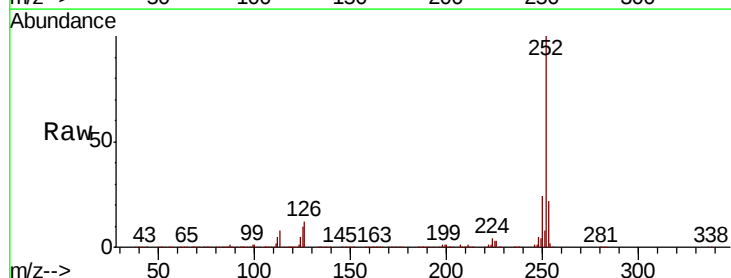
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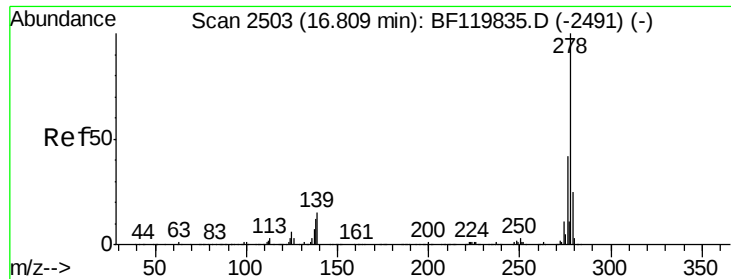
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#90
Benzo(a)pyrene
Concen: 47.584 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119902.D
Acq: 10 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.0	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 50.181 ng

RT: 16.79 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

CG-SUBMSD

Tot Ion:278 Resp: 1211201

Ion Ratio Lower Upper

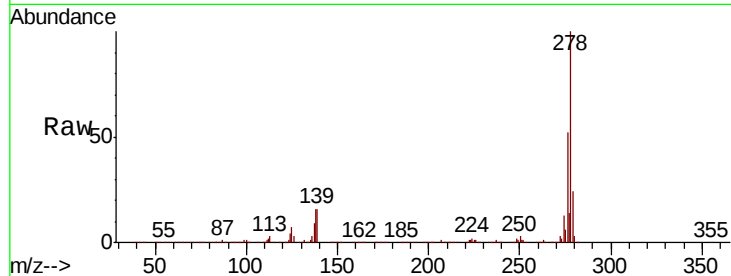
278 100

139 15.9 11.6 17.4

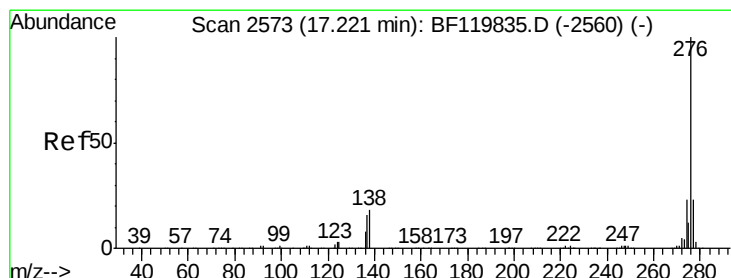
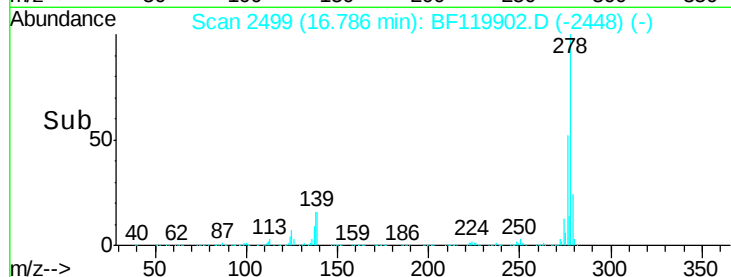
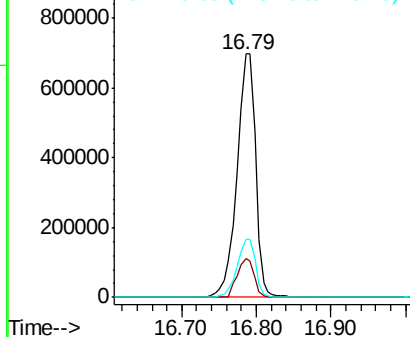
279 23.7 19.7 29.5

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



#92

Benzo(g,h,i)perylene

Concen: 52.101 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BF119902.D

Acq: 10 Apr 2020 18:39

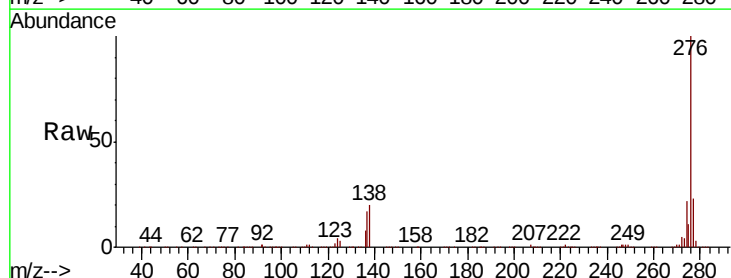
Tgt Ion:276 Resp: 1241320

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 19.8 14.6 22.0



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

