

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120225.D
 Acq On : 27 Apr 2020 18:05
 Operator : MA/SJ
 Sample : L2405-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Manual Integrations
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mohammad
 4/28/2020 11:08:35 PM

Quant Time: Apr 28 01:41:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132392	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	501308	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	257969	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	493722	20.00	ng	0.00
76) Chrysene-d12	13.83	240	332099	20.00	ng	-0.01
87) Perylene-d12	15.23	264	295804	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	219718	28.68	ng	0.00
7) Phenol-d6	6.32	99	183321	18.57	ng	-0.01
23) Nitrobenzene-d5	7.23	82	902506	93.14	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	196316	62.16	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1696855	93.39	ng	0.00
79) Terphenyl-d14	12.78	244	1885916	95.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	53900	15.797	ng	99
3) Pyridine	2.97	79	130385	13.928	ng	98
4) n-Nitrosodimethylamine	2.92	42	83965	17.554	ng	97
6) Aniline	6.32	93	362321	27.965	ng	96
8) 2-Chlorophenol	6.46	128	165322	19.314	ng	95
9) Benzaldehyde	6.21	77	207465	38.591	ng	98
10) Phenol	6.33	94	99853	8.916	ng	# 1
11) bis(2-Chloroethyl)ether	6.40	93	421151	48.706	ng	98
12) 1,3-Dichlorobenzene	6.60	146	414905	44.275	ng	98
13) 1,4-Dichlorobenzene	6.68	146	418657	43.858	ng	99
14) 1,2-Dichlorobenzene	6.83	146	398514	45.299	ng	100
15) Benzyl Alcohol	6.81	79	220698	28.785	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	722582	42.944	ng	71
17) 2-Methylphenol	6.94	107	148677	19.464	ng	# 73
18) Hexachloroethane	7.17	117	152972	42.879	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	316782	49.905	ng	98
20) 3+4-Methylphenols	7.09	107	159667	17.091	ng	# 83
22) Acetophenone	7.08	105	619558	52.778	ng	# 96
24) Nitrobenzene	7.25	77	469163	48.129	ng	99
25) Isophorone	7.49	82	860609	46.072	ng	99
26) 2-Nitrophenol	7.57	139	112391	23.078	ng	92
27) 2,4-Dimethylphenol	7.62	122	269387	36.676	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	542173	49.324	ng	98
29) 2,4-Dichlorophenol	7.82	162	165228	21.946	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	379530	44.490	ng	98
31) Naphthalene	7.97	128	1246576	47.263	ng	98
32) Benzoic acid	7.69	122	10549	1.635	ng	99
33) 4-Chloroaniline	8.03	127	412974	35.966	ng	97
34) Hexachlorobutadiene	8.09	225	209070	40.941	ng	98
35) Caprolactam	8.38	113	16925m	7.349	ng	
36) 4-Chloro-3-methylphenol	8.52	107	201082	24.669	ng	97
37) 2-Methylnaphthalene	8.66	142	853803	47.748	ng	99
38) 1-Methylnaphthalene	8.76	142	811984	48.177	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	381203	46.786	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
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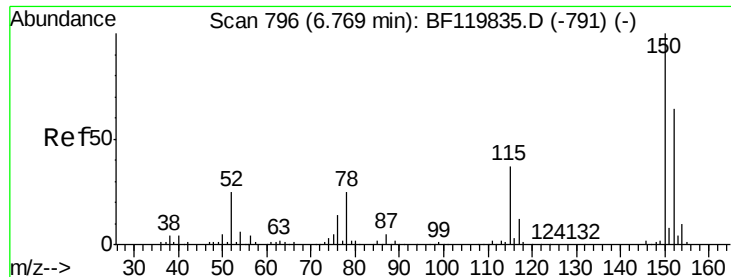
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Quant Time: Apr 28 01:41:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	272323	58.777	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	121767	21.642	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	129283	20.401	nq	95
46) 1,1'-Biphenyl	9.13	154	1043744	47.935	nq	99
47) 2-Chloronaphthalene	9.15	162	810908	48.344	nq	99
48) 2-Nitroaniline	9.26	65	291895	48.021	nq	93
49) Acenaphthylene	9.57	152	1264136	49.556	nq	98
50) Dimethylphthalate	9.44	163	1148859	57.577	nq	100
51) 2,6-Dinitrotoluene	9.50	165	216533	49.556	nq #	88
52) Acenaphthene	9.74	154	757650	44.525	nq	98
53) 3-Nitroaniline	9.67	138	195251	39.126	nq	96
54) 2,4-Dinitrophenol	9.77	184	50264	19.214	nq #	87
55) Dibenzofuran	9.91	168	1156147	49.512	nq	99
56) 4-Nitrophenol	9.86	139	32821	8.839	nq	98
57) 2,4-Dinitrotoluene	9.90	165	282549	49.080	nq	97
58) Fluorene	10.26	166	905255	48.475	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	102903	21.232	nq	98
60) Diethylphthalate	10.13	149	995539	48.139	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	437062	45.663	nq	98
62) 4-Nitroaniline	10.28	138	228334	48.011	nq	98
63) Azobenzene	10.41	77	931222	50.245	nq	97
65) 4,6-Dinitro-2-methylphenol	10.31	198	50851	15.634	nq	79
66) n-Nitrosodiphenylamine	10.37	169	817467	49.785	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	271476	44.215	nq	93
68) Hexachlorobenzene	10.80	284	289508	46.480	nq	93
69) Atrazine	10.90	200	253366	55.459	nq	99
70) Pentachlorophenol	11.00	266	101732	28.342	nq	98
71) Phenanthrene	11.22	178	1307413	49.756	nq	99
72) Anthracene	11.27	178	1354935	50.477	nq	98
73) Carbazole	11.43	167	1247204	49.132	nq	98
74) Di-n-butylphthalate	11.76	149	1589951	47.645	nq	99
75) Fluoranthene	12.40	202	1406658	49.614	nq	97
77) Benzidine	12.53	184	838429	74.687	nq	98
78) Pyrene	12.63	202	1390021	49.650	nq	97
80) Butylbenzylphthalate	13.26	149	652516	48.032	nq	96
81) Benzo(a)anthracene	13.82	228	1058345	48.442	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	367993	45.142	nq	99
83) Chrysene	13.86	228	1063727	47.918	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	868982	47.236	nq	99
85) Di-n-octyl phthalate	14.43	149	1464236	46.746	nq	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	1008596	51.542	nq	99
88) Benzo(b)fluoranthene	14.84	252	988086	46.434	nq	99
89) Benzo(k)fluoranthene	14.87	252	942234	51.319	nq	99
90) Benzo(a)pyrene	15.18	252	863433	48.259	nq	97
91) Dibenzo(a,h)anthracene	16.61	278	852979	53.821	nq	99
92) Benzo(g,h,i)perylene	17.00	276	839821	53.684	nq	97

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



#1

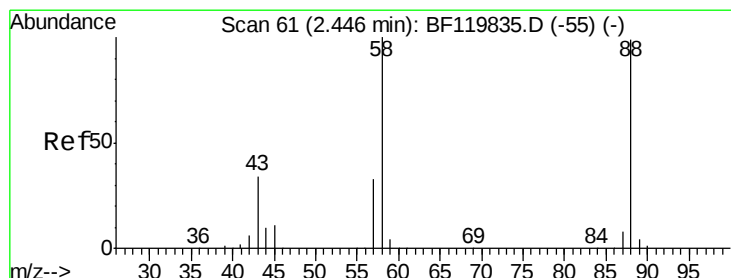
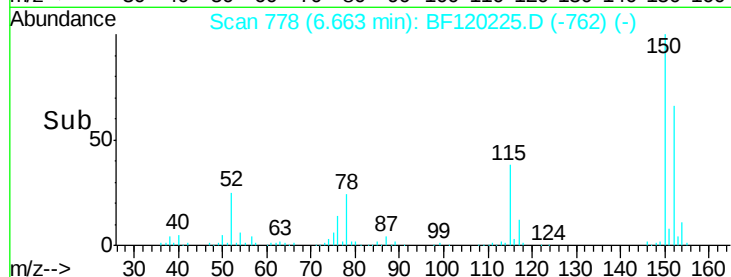
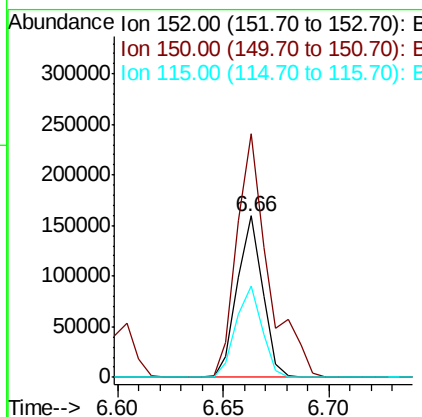
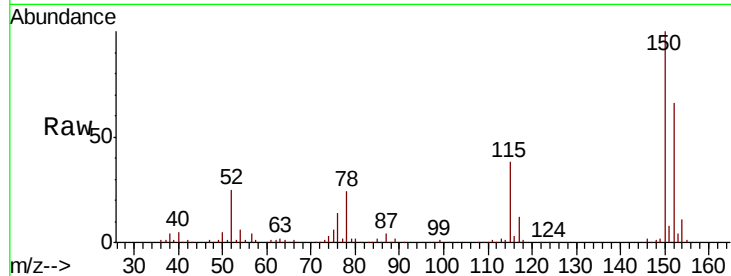
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.5	186.7
115	57.0	49.6	74.4

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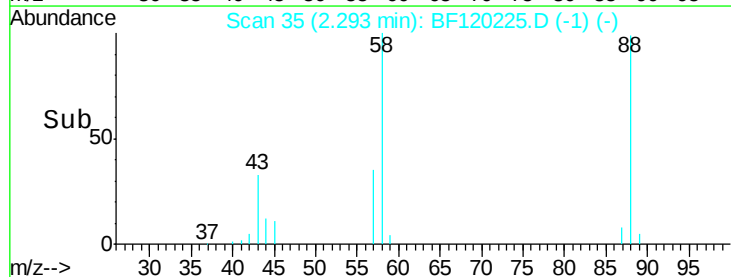
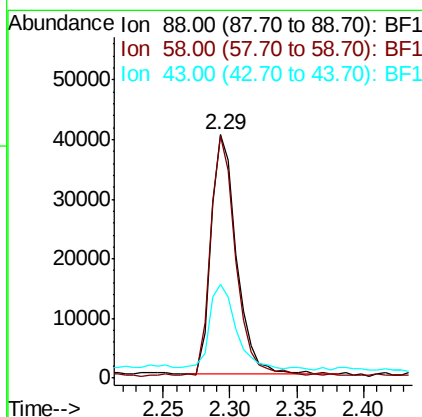
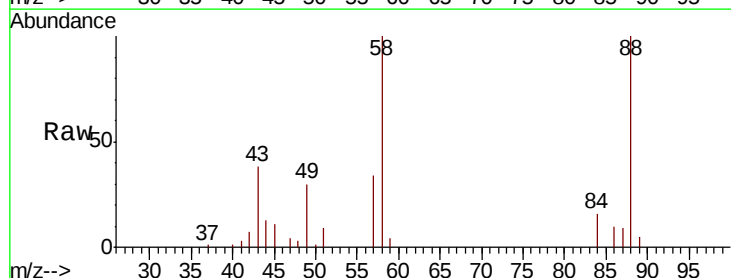
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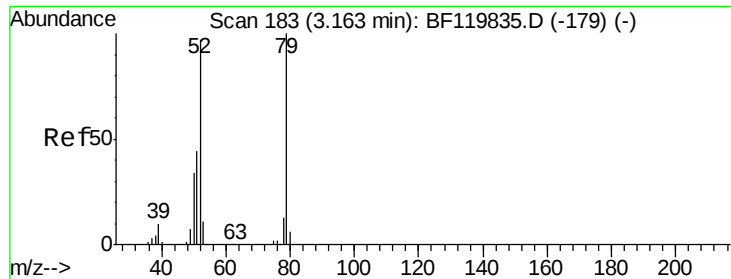


#2

1,4-Dioxane
Concen: 15.797 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.02 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	80.6	121.0
43	36.7	27.5	41.3





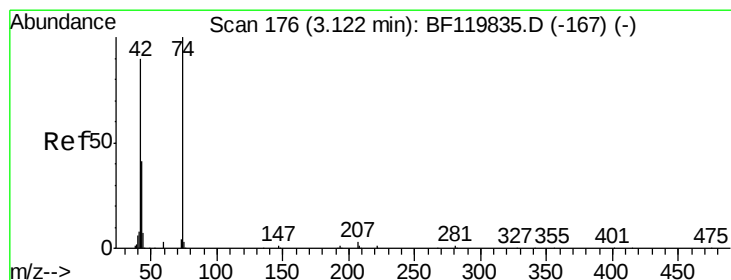
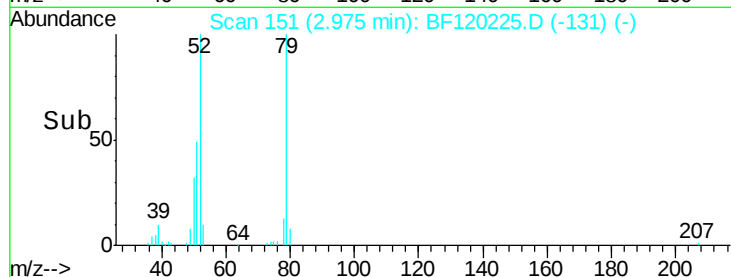
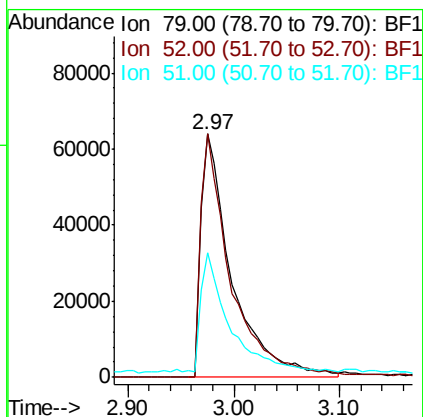
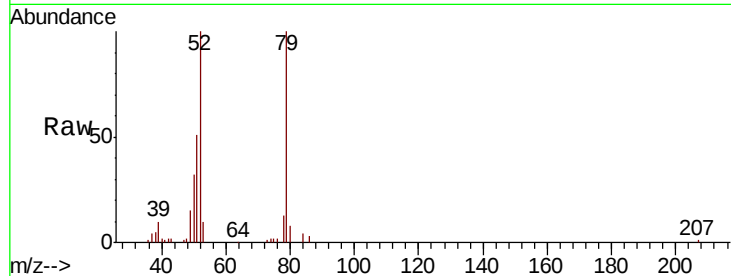
#3
 Pvridine
 Concen: 13.928 ng
 RT: 2.97 min Scan# 151
 Delta R.T. 0.02 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		130385		
52	100.1	80.2	120.2		
51	51.5	37.7	56.5		

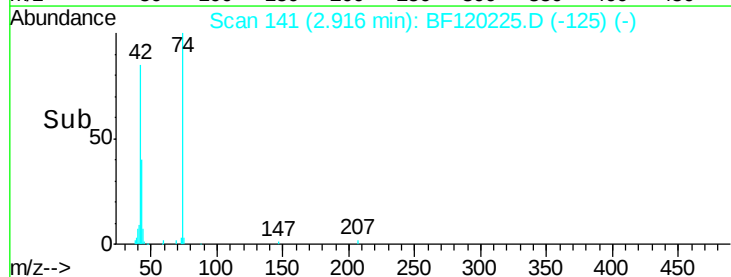
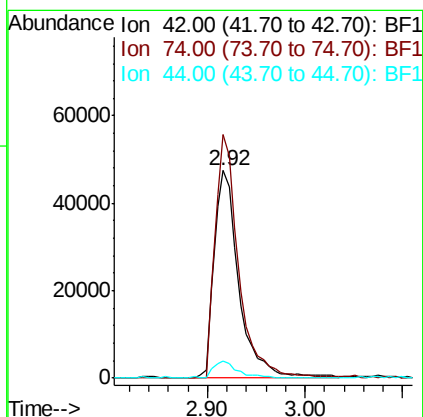
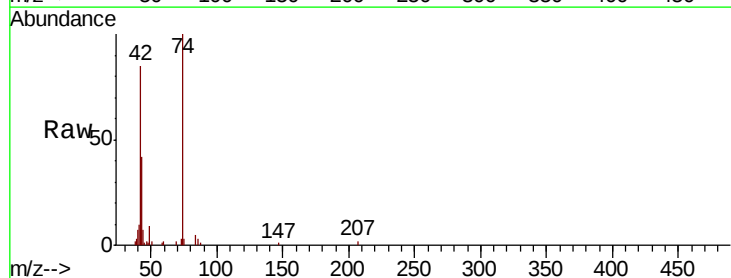
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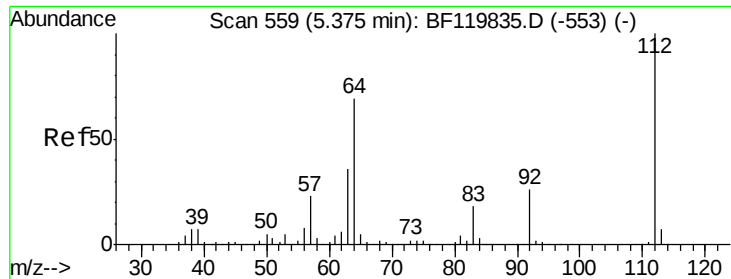
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#4
 n-Nitrosodimethylamine
 Concen: 17.554 ng
 RT: 2.92 min Scan# 141
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		83965		
74	117.3	91.5	137.3		
44	8.2	6.2	9.4		





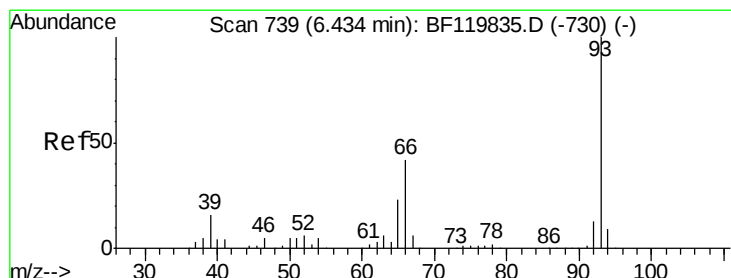
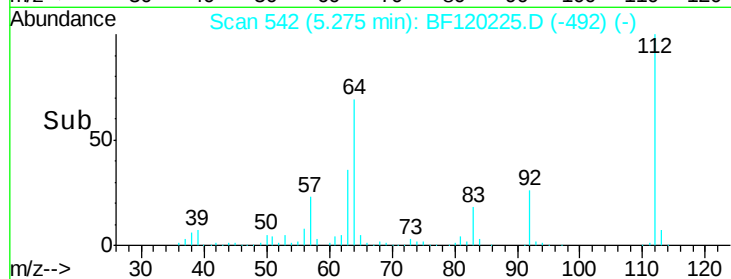
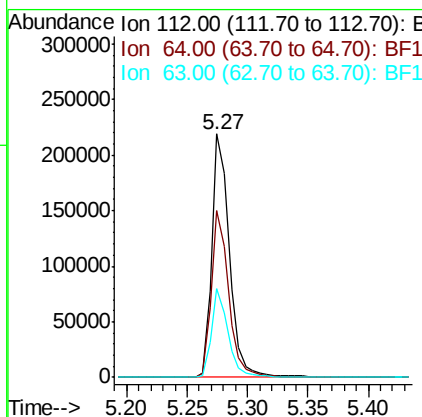
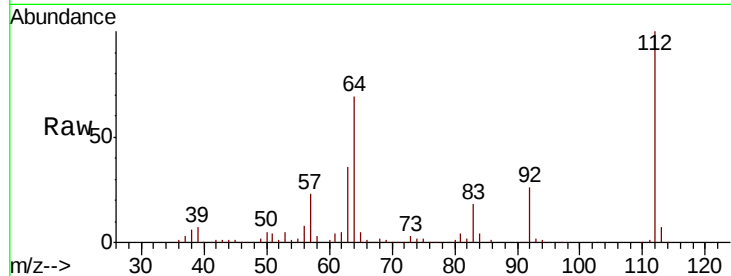
#5
2-Fluorophenol
Concen: 28.681 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampled :
HW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	219718		
64	68.7	56.7	85.1	
63	36.3	29.5	44.3	

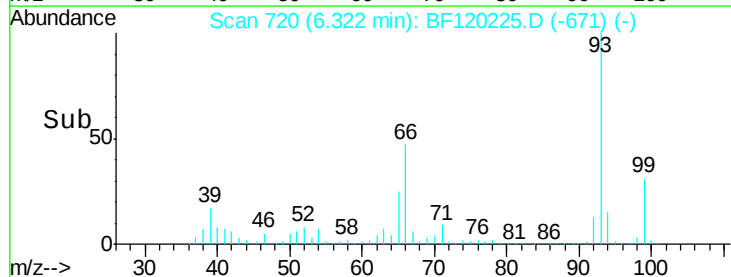
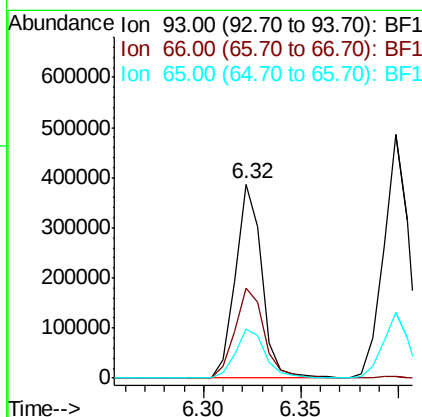
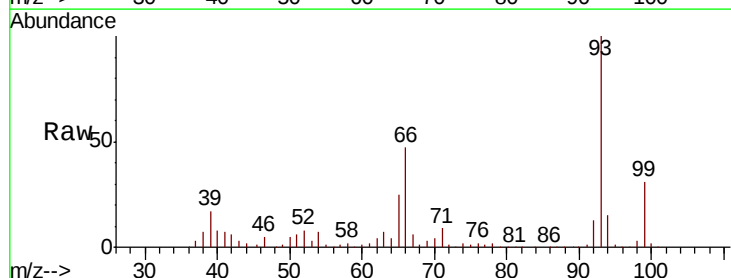
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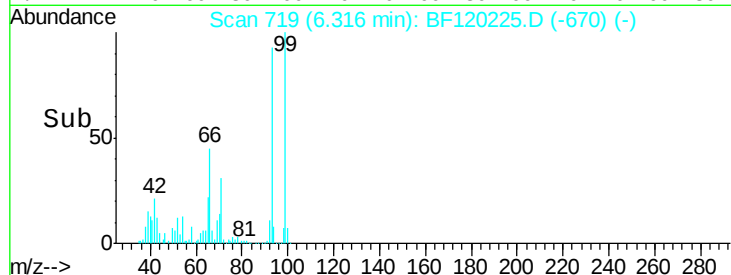
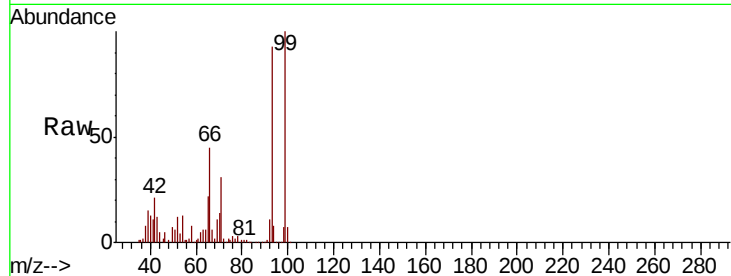
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#6
Aniline
Concen: 27.965 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	362321		
66	46.5	34.9	52.3	
65	25.3	18.6	27.8	





#7

Phenol-d6

Concen: 18.571 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Tot Ion:	99	Resp:	183321
Ion Ratio	Lower	Upper	
99	100		
42	20.5	16.6	24.8
71	30.9	26.4	39.6

Instrument :

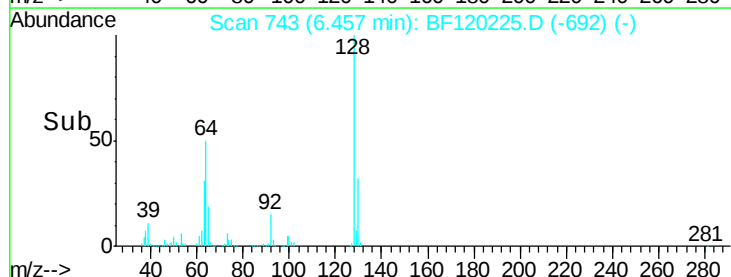
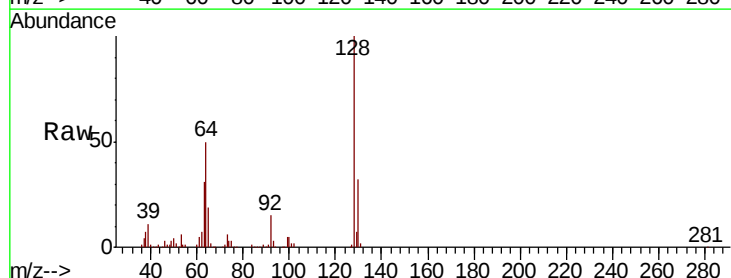
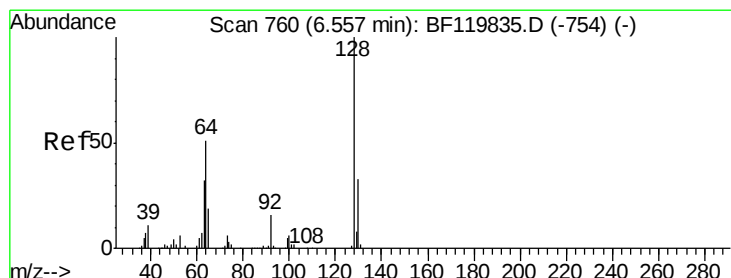
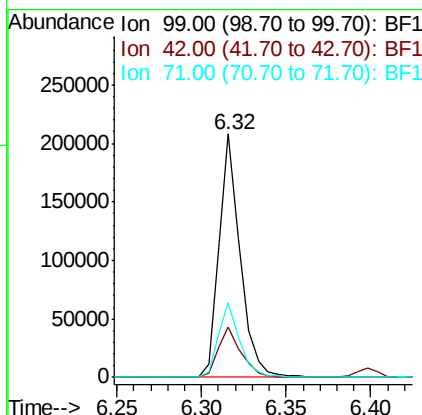
BNA_F

ClientSampled :

HW-7MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 19.314 ng

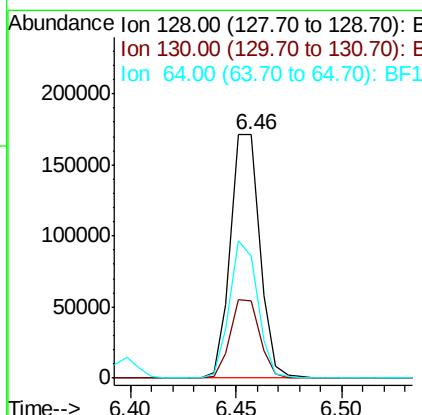
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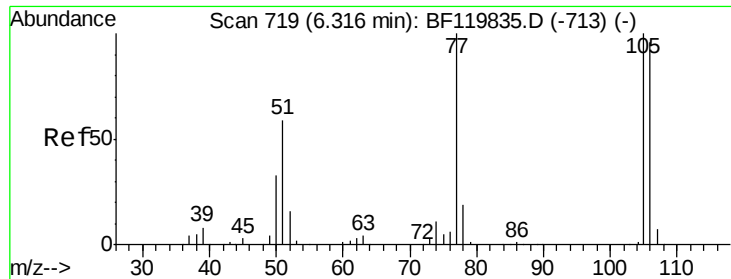
Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Tgt Ion:	128	Resp:	165322
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.6	52.6
64	50.4	35.3	75.3





#9

Benzaldehyde

Concen: 38.591 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

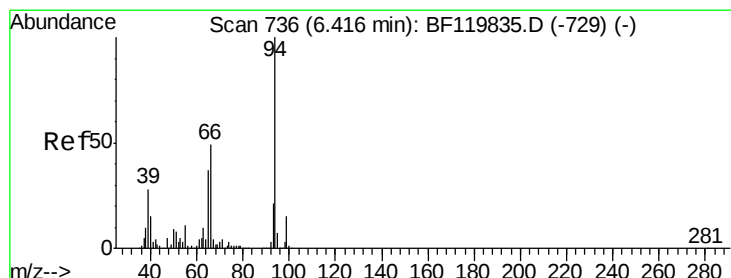
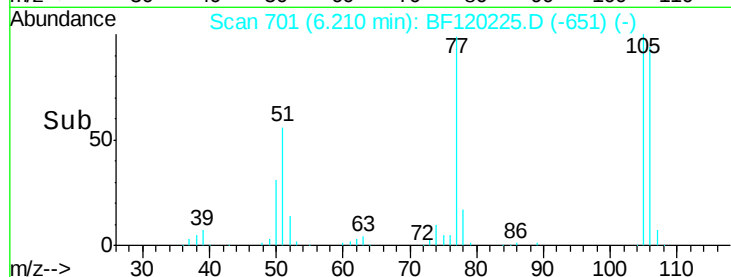
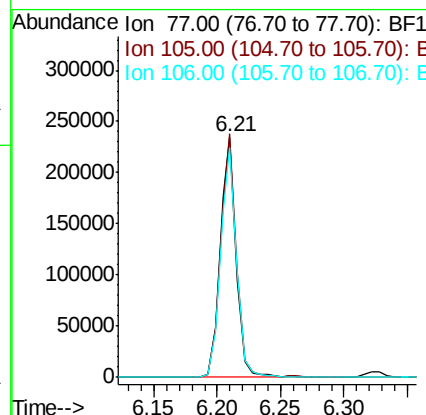
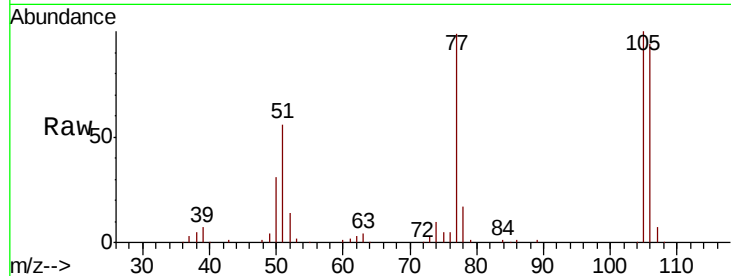
ClientSampleId :

HW-7MS

Tot Ion:	77	Resp:	207465
Ion	Ratio	Lower	Upper
77	100		
105	101.5	80.9	120.9
106	95.4	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 8.916 ng

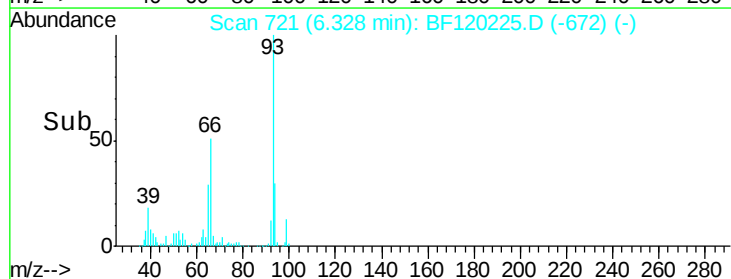
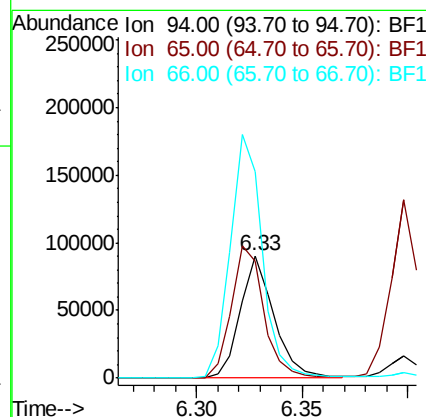
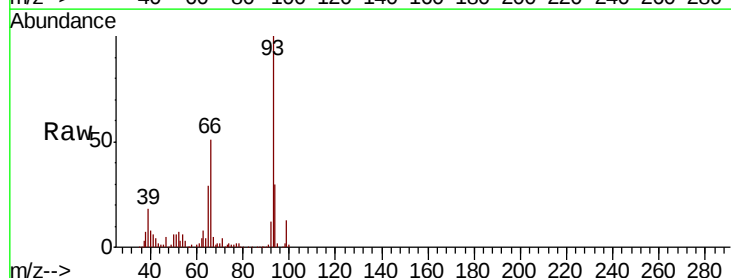
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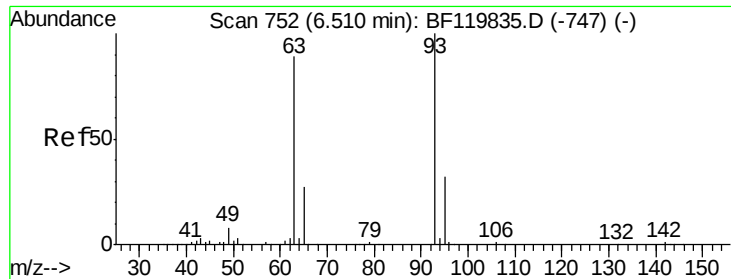
Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Tgt Ion:	94	Resp:	99853
Ion	Ratio	Lower	Upper
94	100		
65	95.3	13.2	53.2#
66	168.7	22.3	62.3#





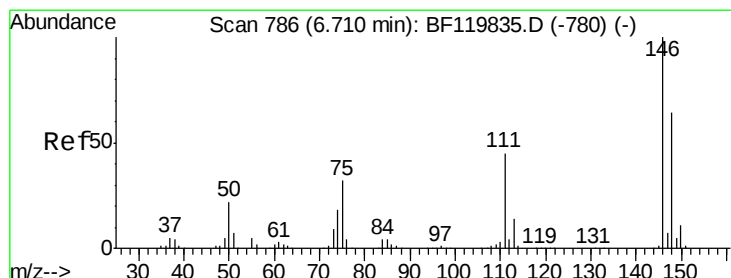
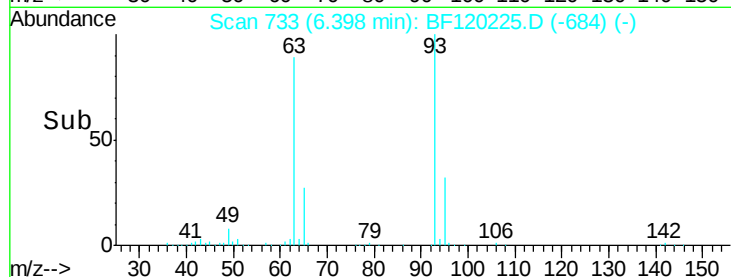
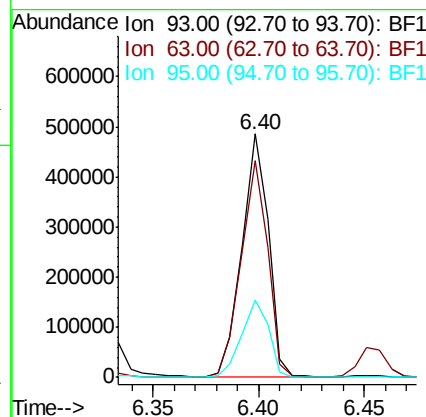
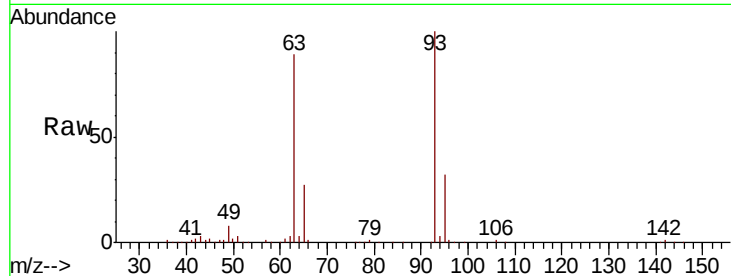
#11
bis(2-Chloroethyl)ether
Concen: 48.706 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		421151		
63	89.1	70.2	110.2		
95	31.7	13.4	53.4		

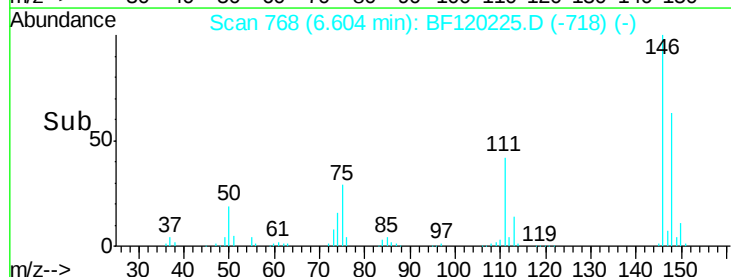
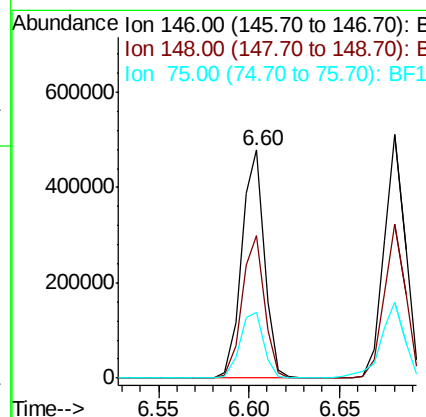
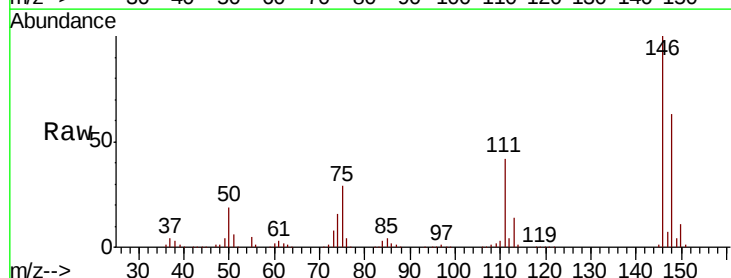
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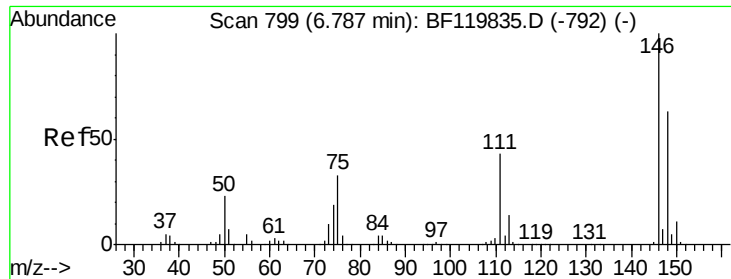
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.275 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		414905		
148	62.7	52.2	78.4		
75	29.0	23.0	34.4		





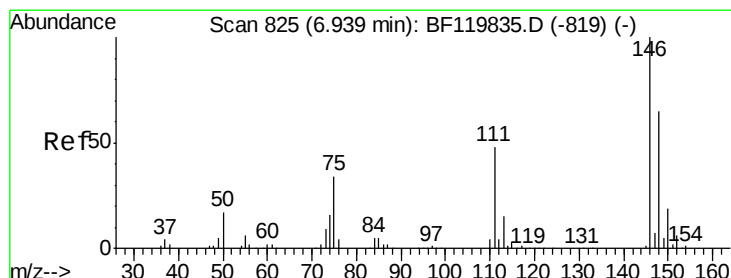
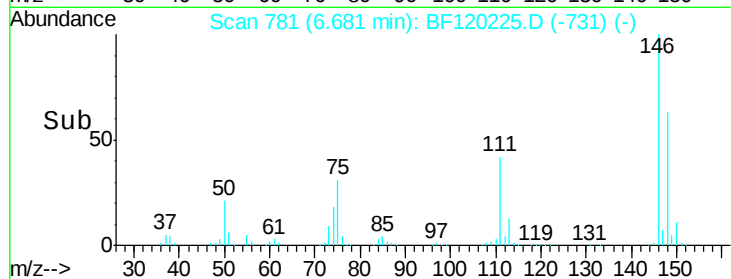
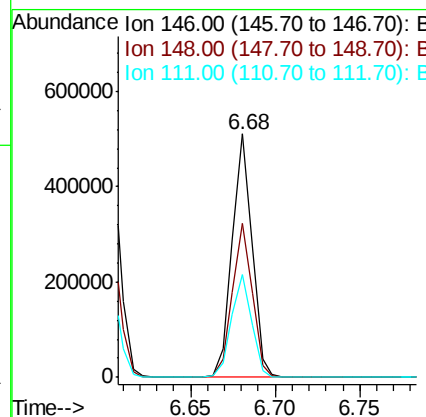
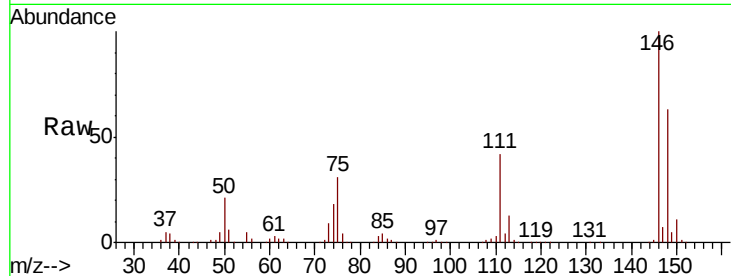
#13
 1,4-Dichlorobenzene
 Concen: 43.858 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		418657		
148	63.1	51.5	77.3		
111	42.4	33.3	49.9		

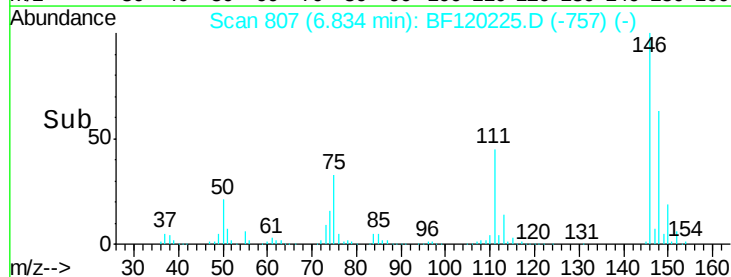
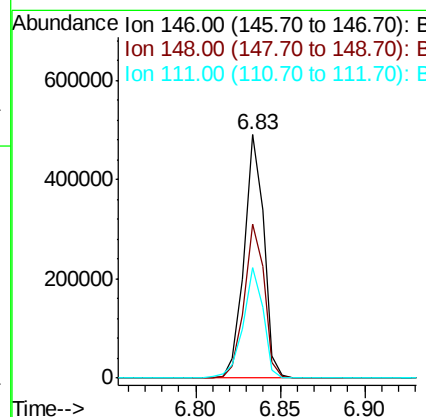
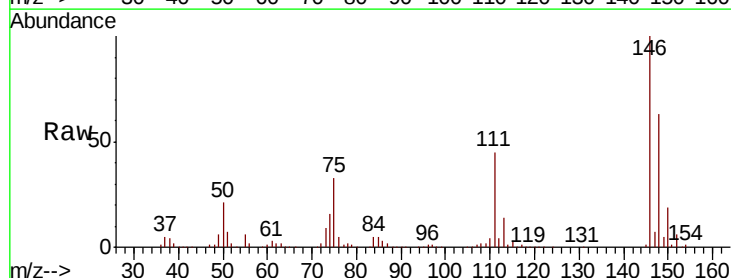
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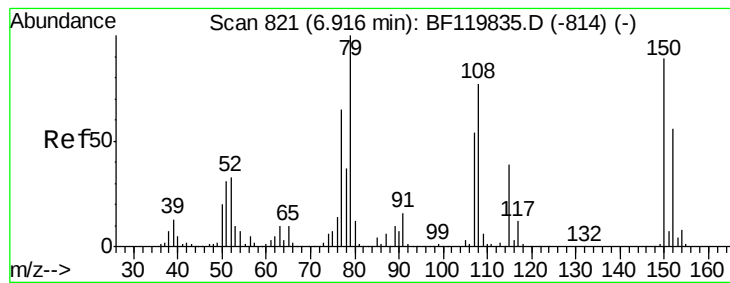
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#14
 1,2-Dichlorobenzene
 Concen: 45.299 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		398514		
148	63.1	50.6	75.8		
111	45.4	36.1	54.1		





#15

Benzyl Alcohol

Concen: 28.785 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

HW-7MS

Tot Ion: 79 Resp: 220698

Ion Ratio Lower Upper

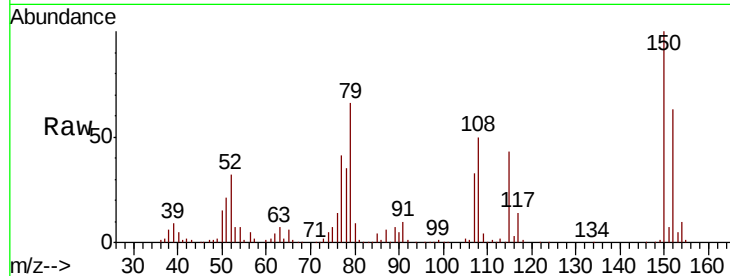
79 100

108 74.5 60.6 90.8

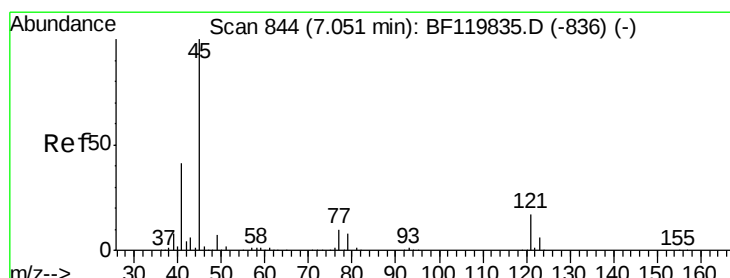
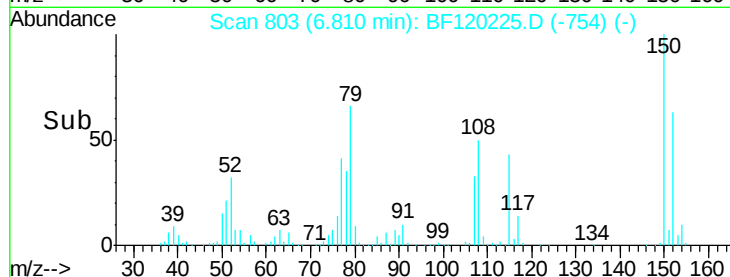
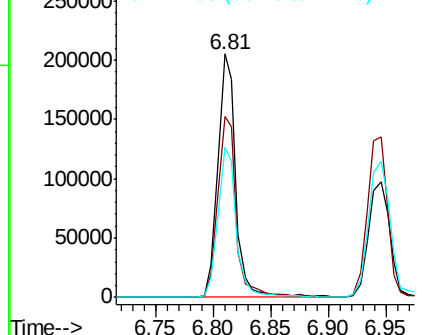
77 61.9 50.2 75.2

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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: 42.944 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

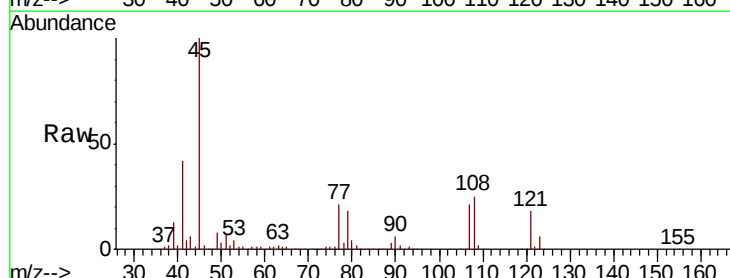
Tgt Ion: 45 Resp: 722582

Ion Ratio Lower Upper

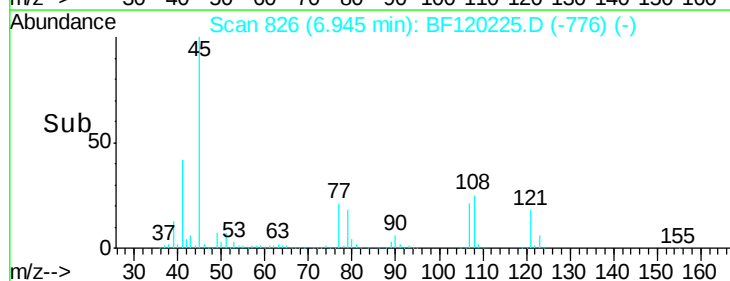
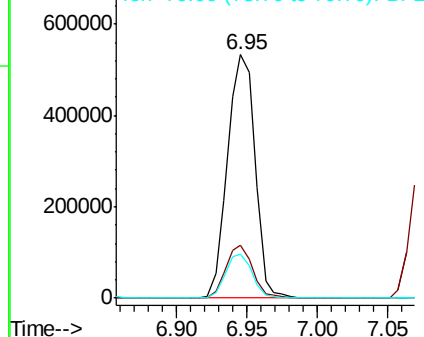
45 100

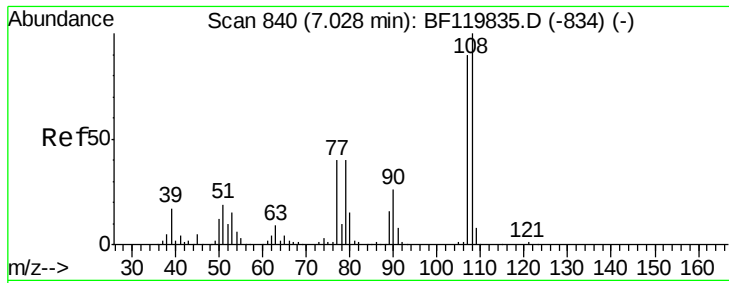
77 21.5 0.0 30.7

79 18.3 0.0 28.2



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





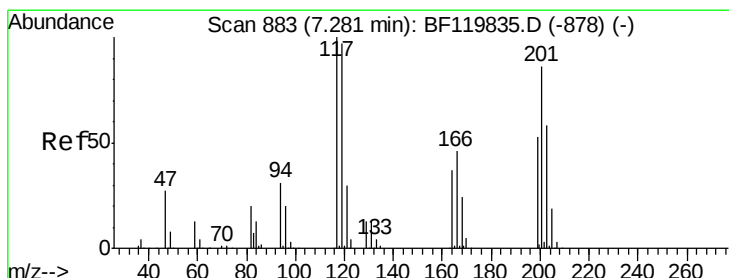
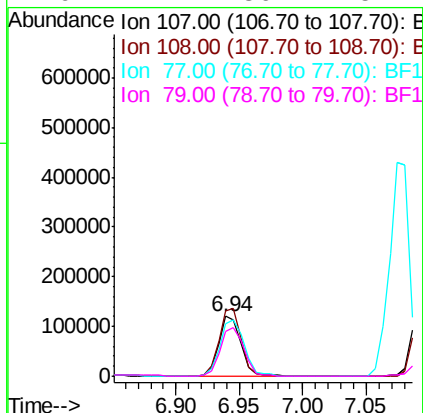
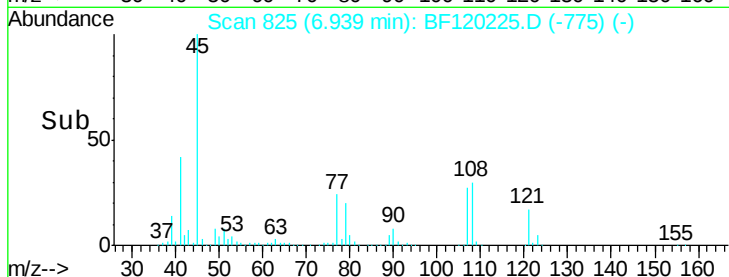
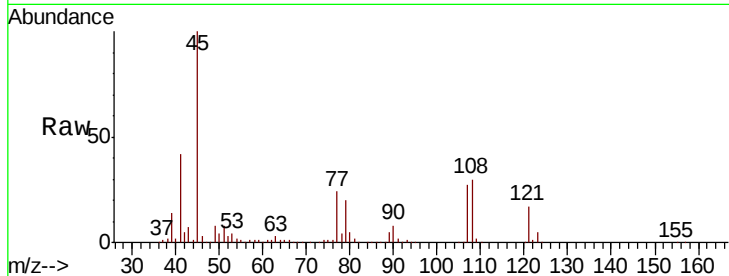
#17
2-Methylphenol
Concen: 19.464 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampled :
HW-7MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	92.2	138.4
77	87.6	36.6	54.8#
79	74.7	36.2	54.4#

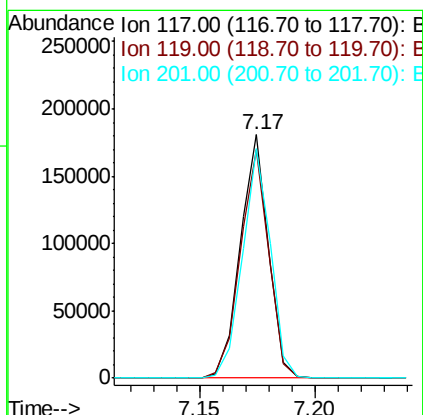
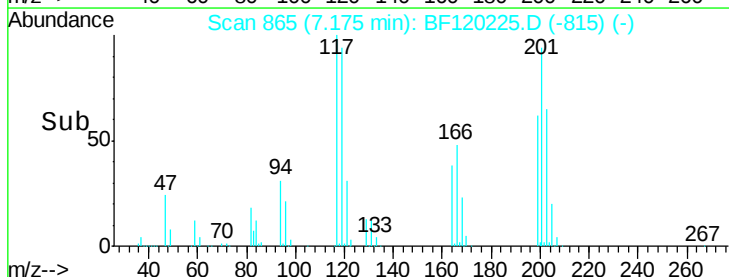
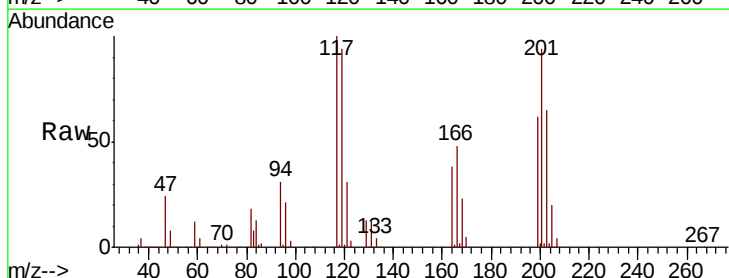
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#18
Hexachloroethane
Concen: 42.879 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.1	114.1
201	94.3	73.0	109.6





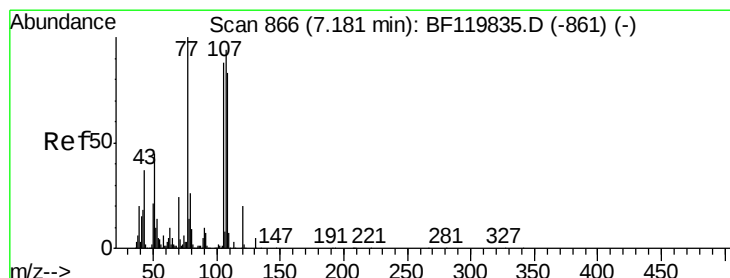
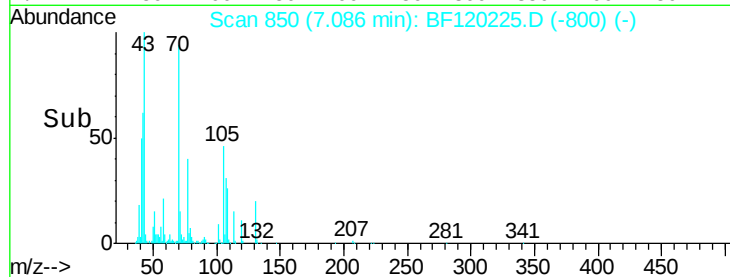
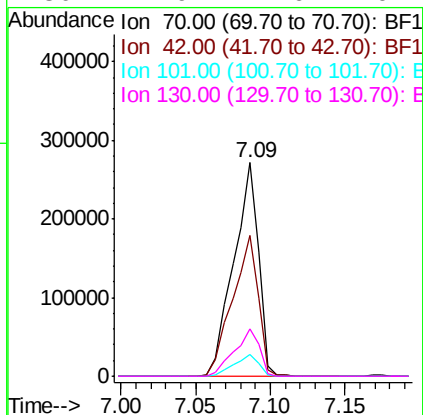
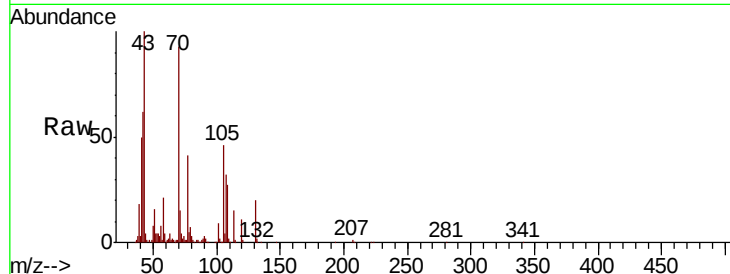
#19
n-Nitroso-di-n-propylamine
Concen: 49.905 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.1	54.5	81.7	
101	10.1	7.6	11.4	
130	21.9	17.6	26.4	

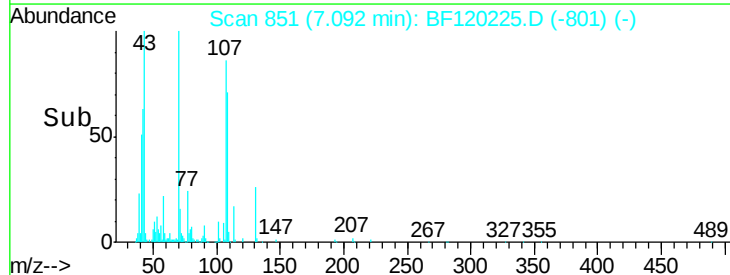
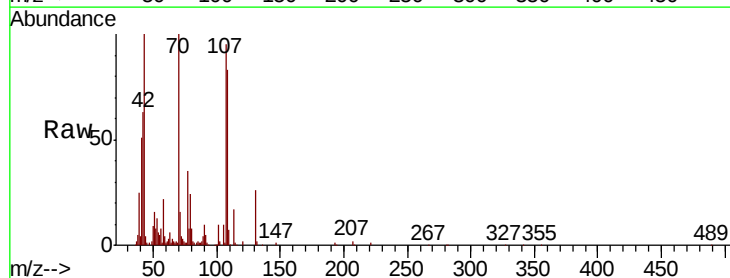
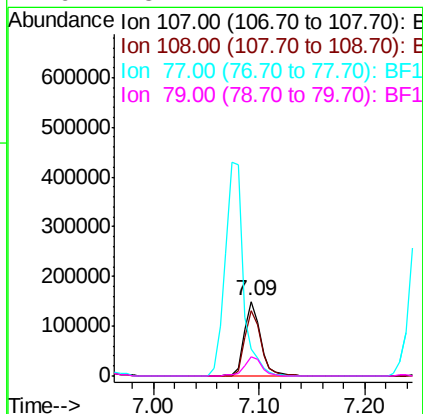
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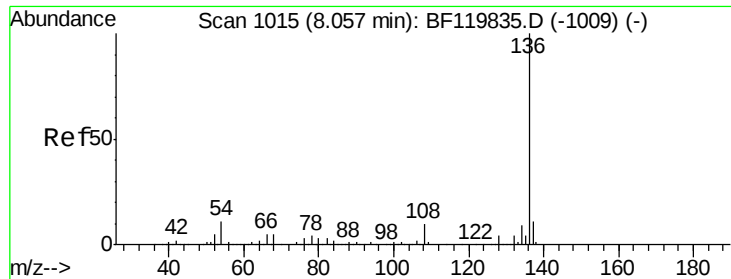
mohammad
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#20
3+4-Methylphenols
Concen: 17.091 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	67.9	107.9	
77	36.7	52.9	92.9	
79	25.4	7.7	47.7	





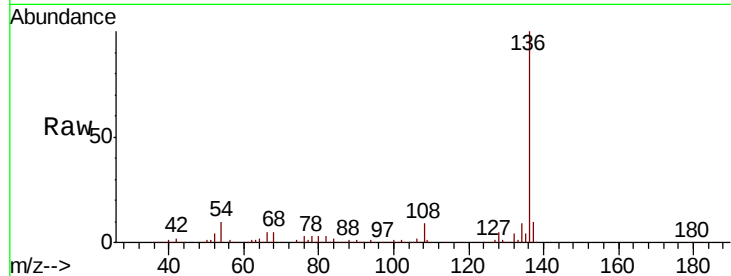
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		501308		
137	10.5	8.7	13.1		
54	9.7	9.1	13.7		
68	4.9	4.6	6.8		

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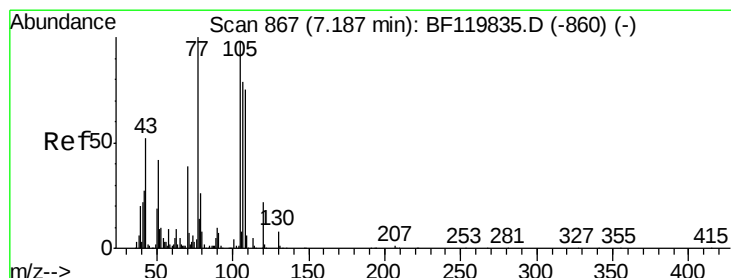
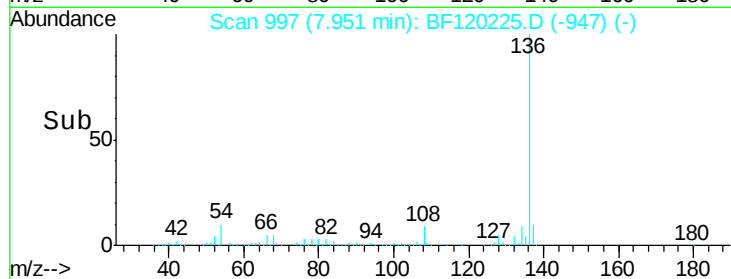
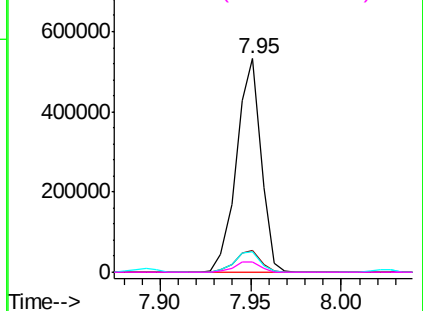
Abundance

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: 52.778 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		619558		
71	5.5	5.7	8.5#		
51	29.4	26.2	39.4		
120	22.3	18.3	27.5		

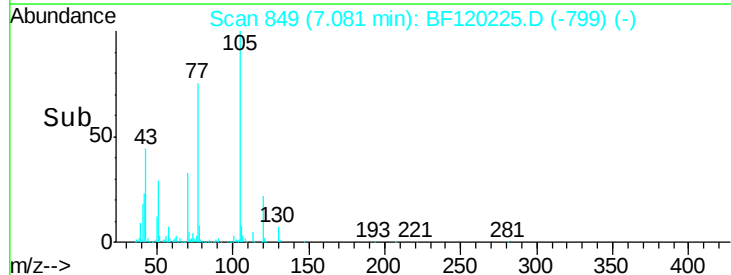
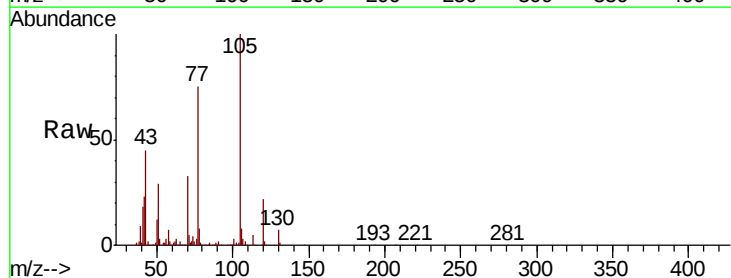
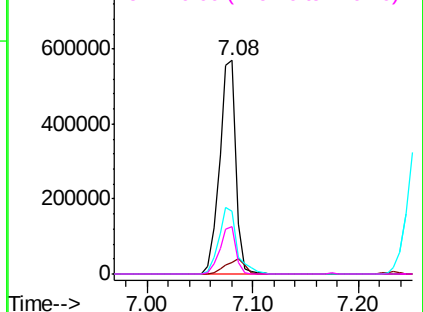
Abundance

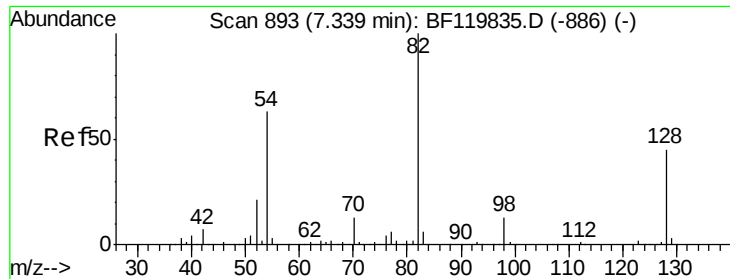
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





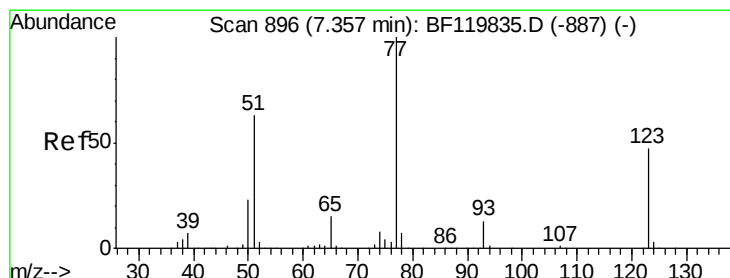
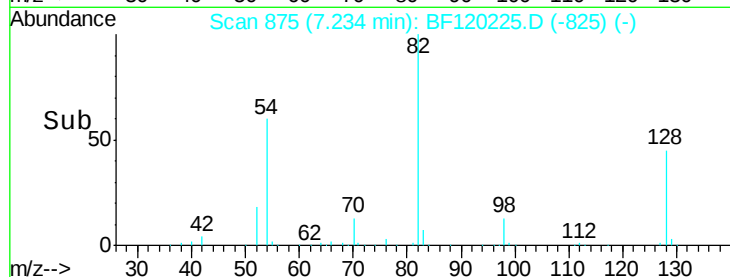
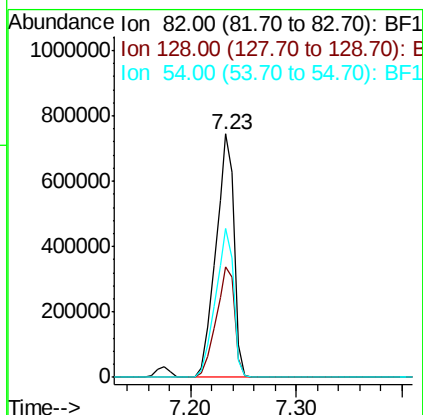
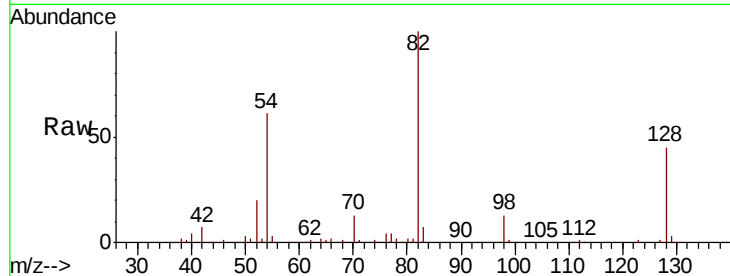
#23
Nitrobenzene-d5
Concen: 93.136 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampled :
HW-7MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	61.3	50.6	75.8

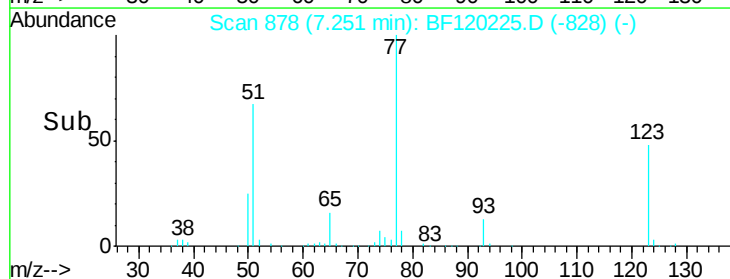
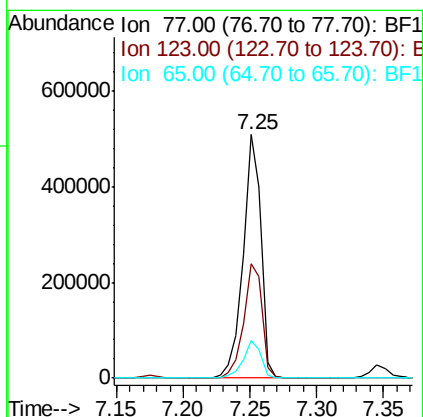
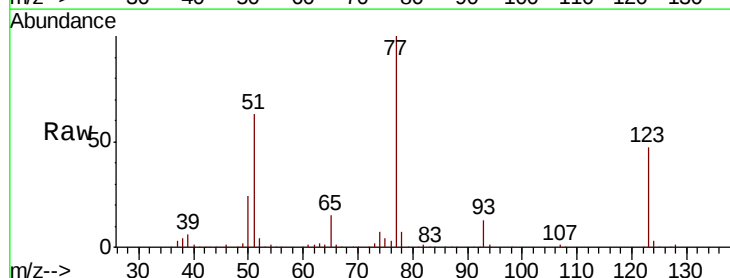
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#24
Nitrobenzene
Concen: 48.129 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	38.0	57.0
65	15.3	12.6	18.8





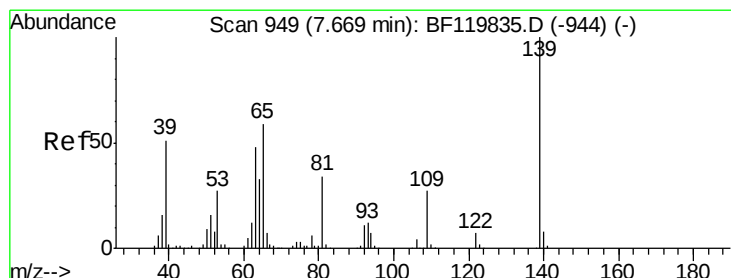
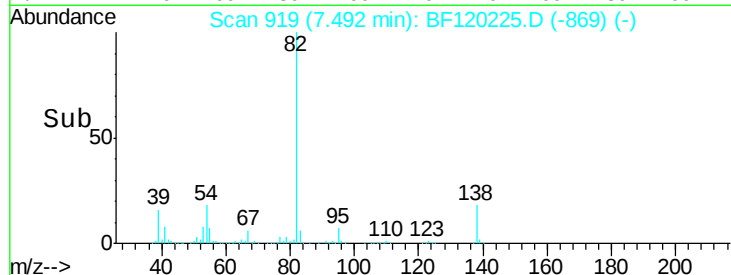
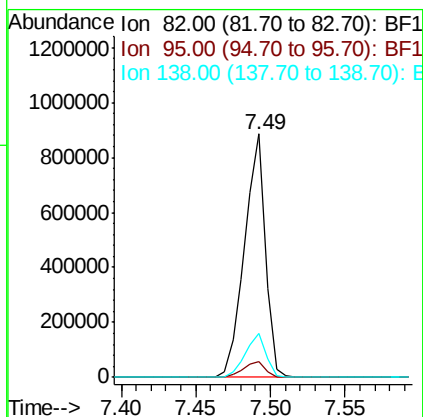
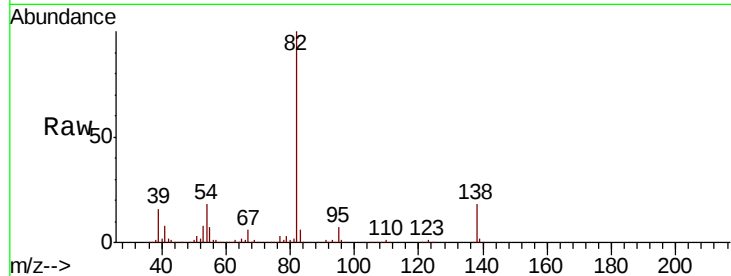
#25
Isophorone
Concen: 46.072 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	860609		
95	6.7		5.8	8.6
138	18.0		14.6	21.8

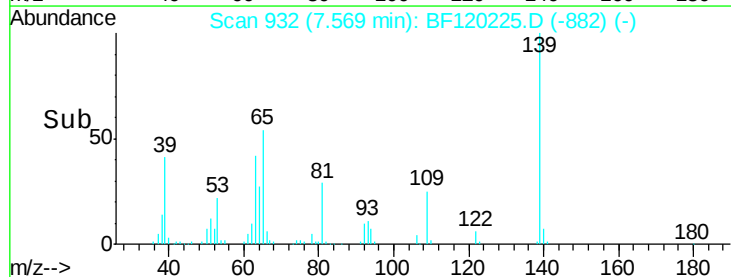
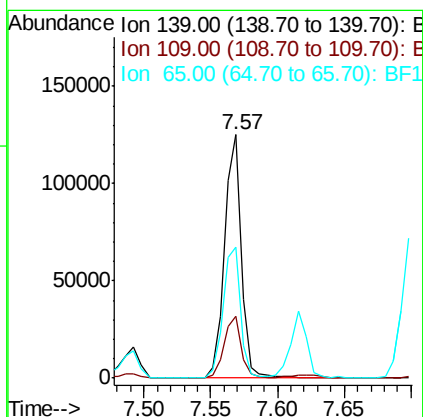
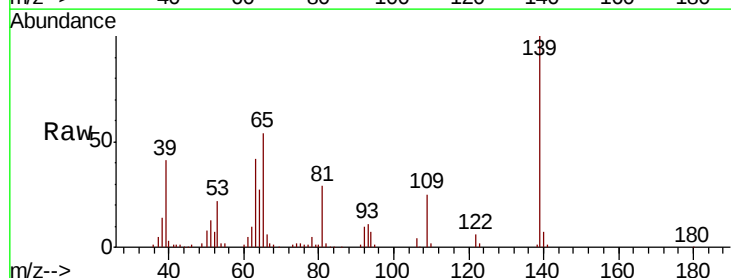
Manual Integrations
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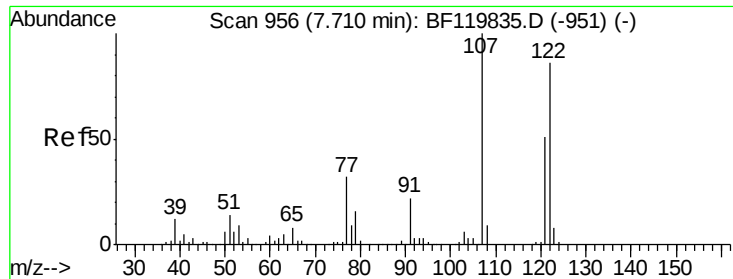
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#26
2-Nitrophenol
Concen: 23.078 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	112391		
109	25.5		22.1	33.1
65	54.0		49.2	73.8





#27

2,4-Dimethylphenol

Concen: 36.676 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

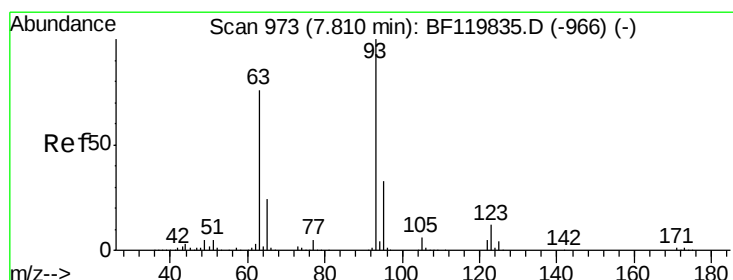
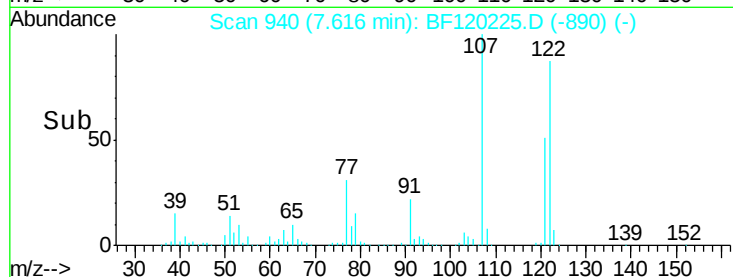
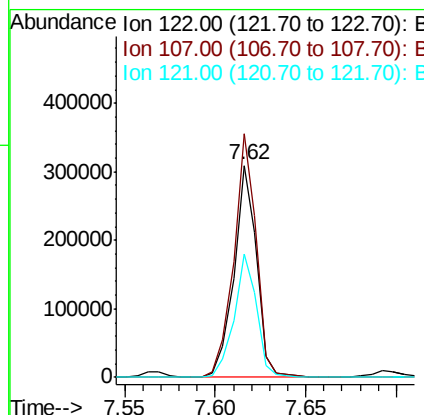
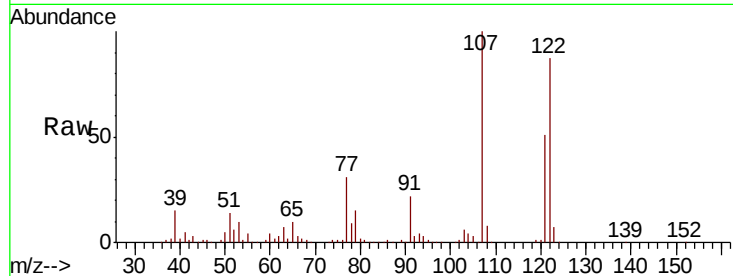
ClientSampled :

HW-7MS

Tot Ion:	122	Resp:	269387
Ion Ratio	Lower	Upper	
122	100		
107	114.8	89.0	133.6
121	58.1	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 49.324 ng

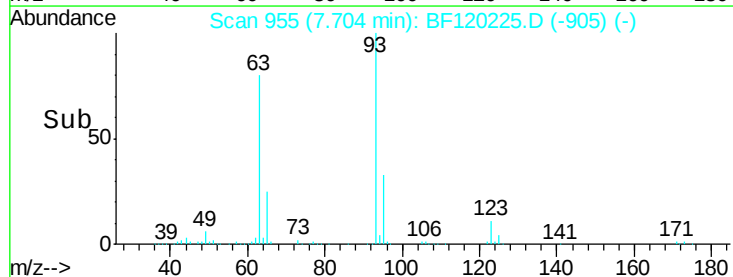
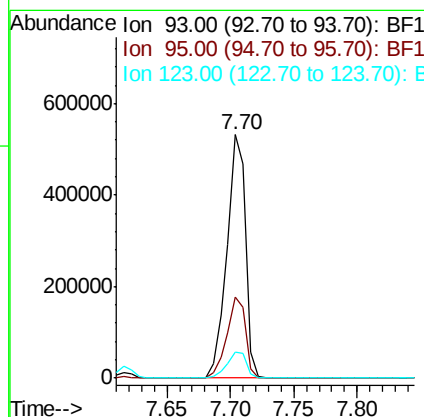
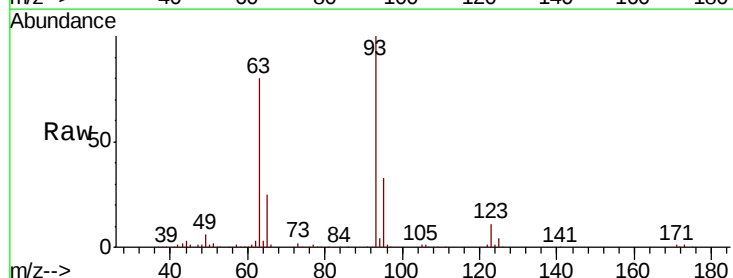
RT: 7.70 min Scan# 955

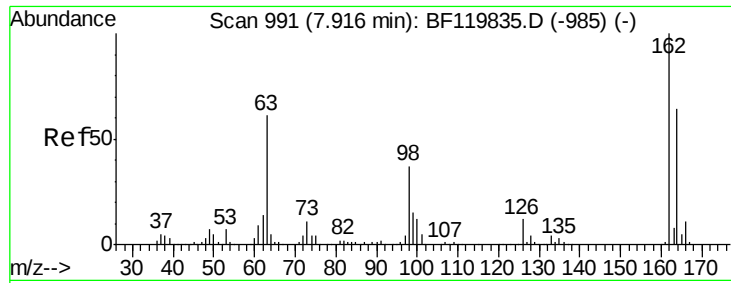
Delta R.T. -0.01 min

Lab File: BF120225.D

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Tgt Ion:	93	Resp:	542173
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.3	39.5
123	10.8	9.7	14.5





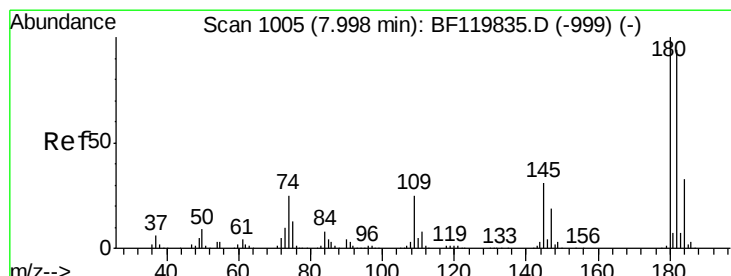
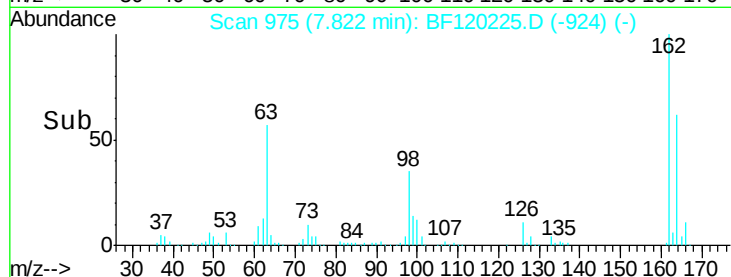
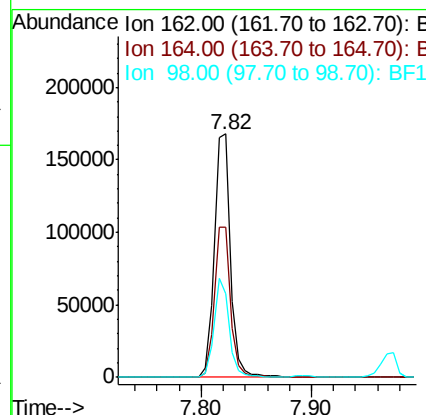
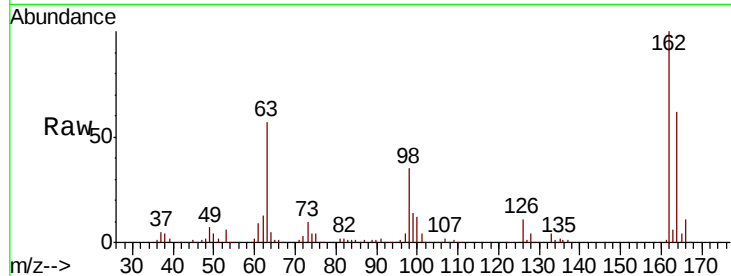
#29
2,4-Dichlorophenol
Concen: 21.946 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.7	84.7
98	34.6	20.7	60.7

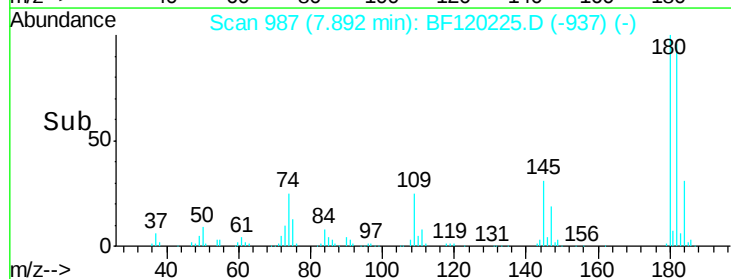
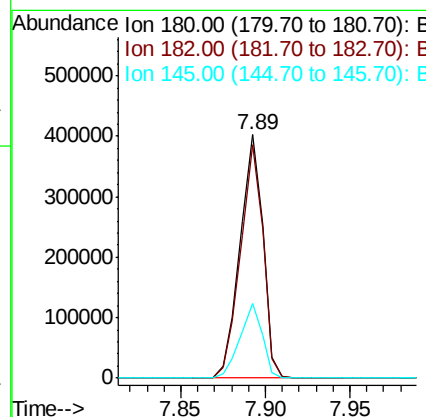
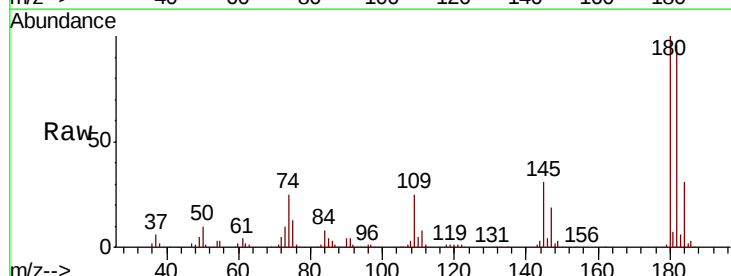
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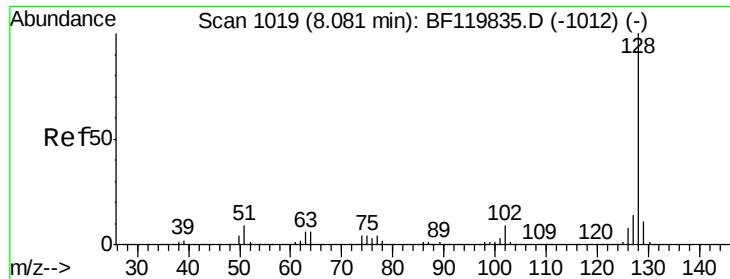
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#30
1,2,4-Trichlorobenzene
Concen: 44.490 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.7	112.1
145	30.5	24.5	36.7





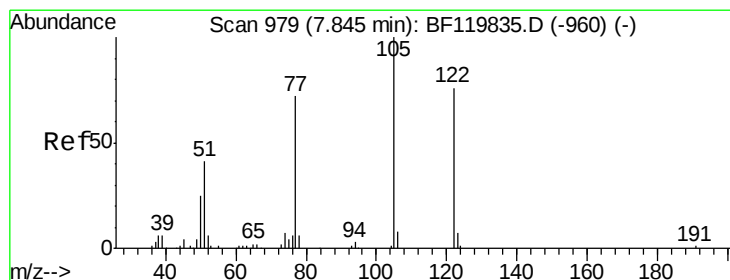
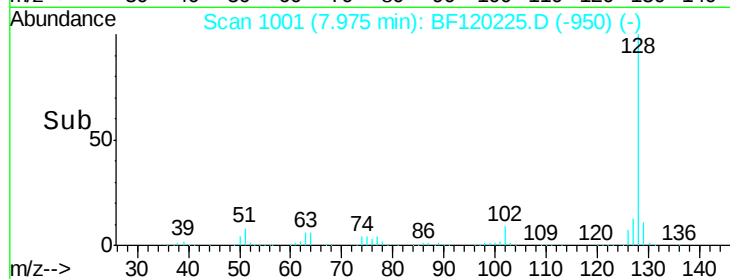
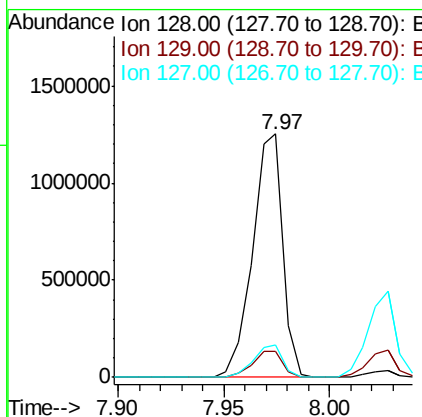
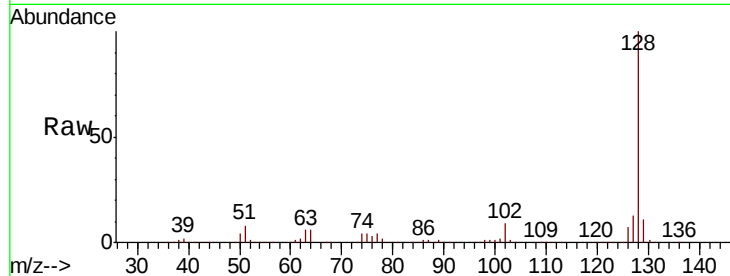
#31
Naphthalene
Concen: 47.263 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion:128 Resp: 1246576
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.2 11.3 16.9

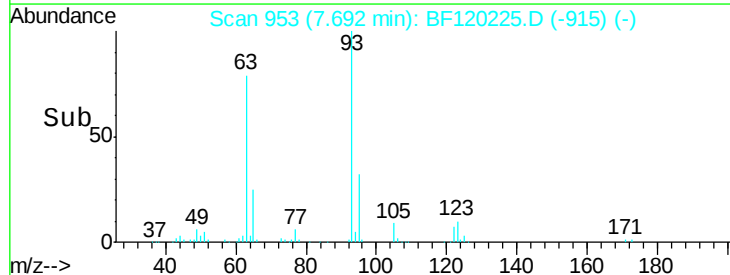
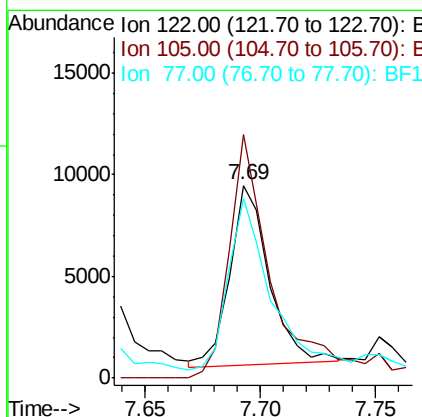
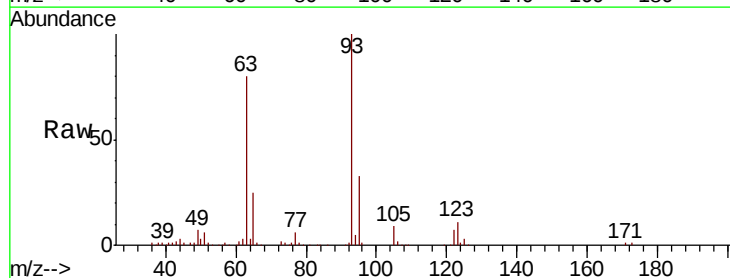
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#32
Benzoic acid
Concen: 1.635 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.08 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:122 Resp: 10549
Ion Ratio Lower Upper
122 100
105 126.4 104.9 144.9
77 93.1 74.4 114.4





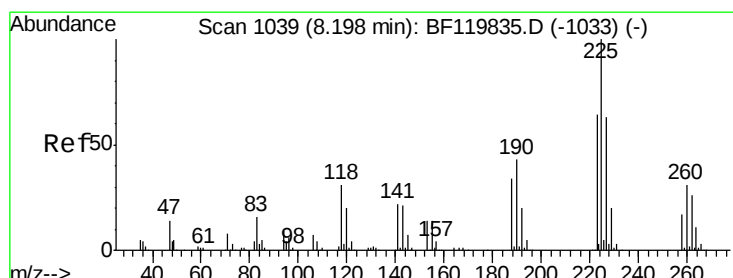
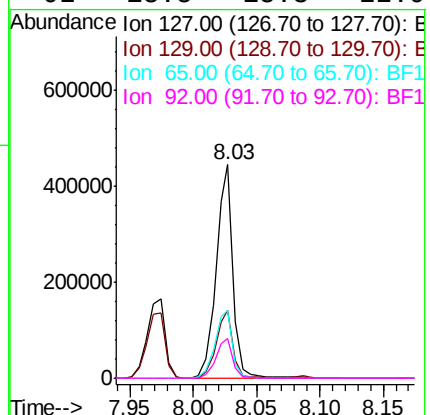
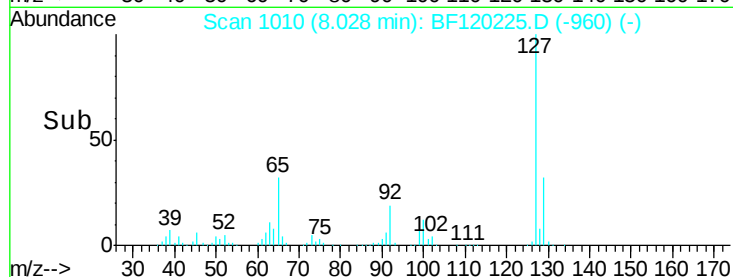
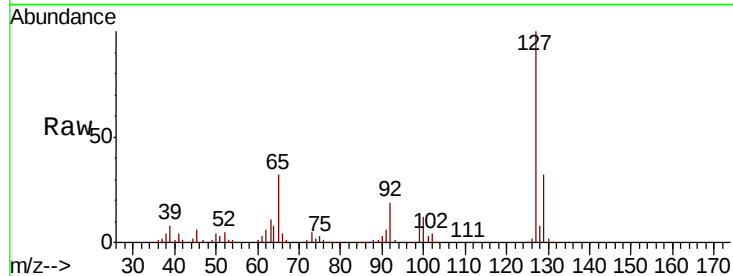
#33
4-Chloroaniline
Concen: 35.966 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
412974	127	100			
	129	31.7	26.2	39.4	
	65	32.0	27.4	41.0	
	92	18.5	15.3	22.9	

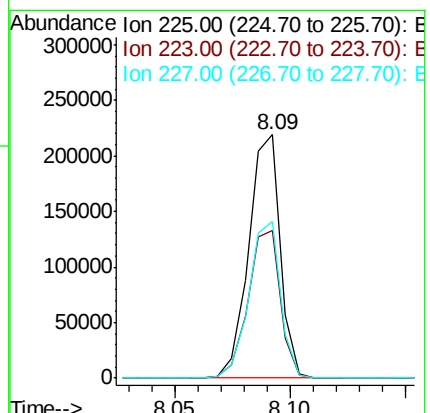
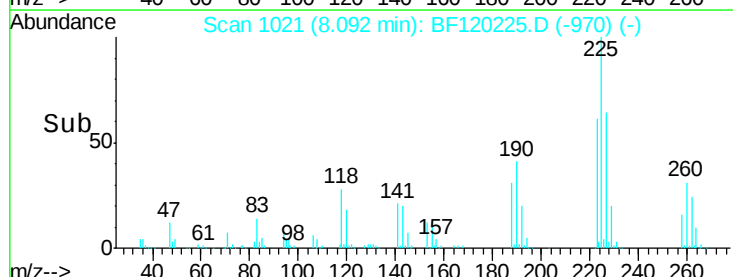
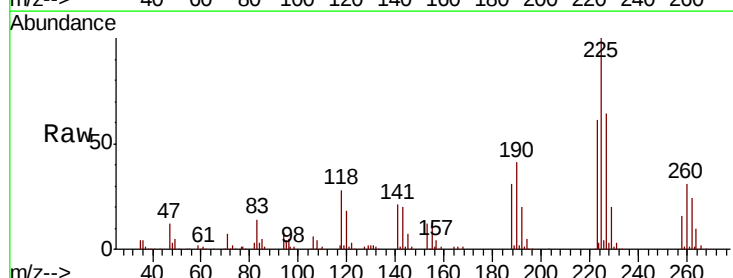
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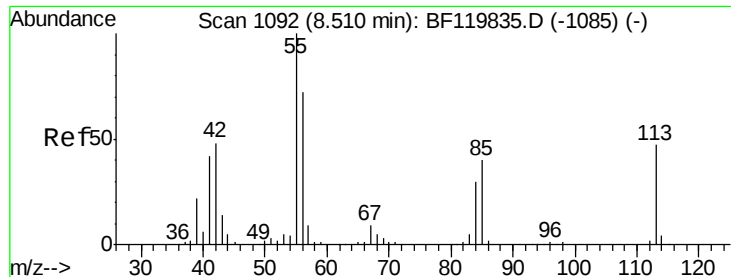
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#34
Hexachlorobutadiene
Concen: 40.941 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
209070	225	100			
	223	60.9	51.0	76.6	
	227	64.1	50.7	76.1	





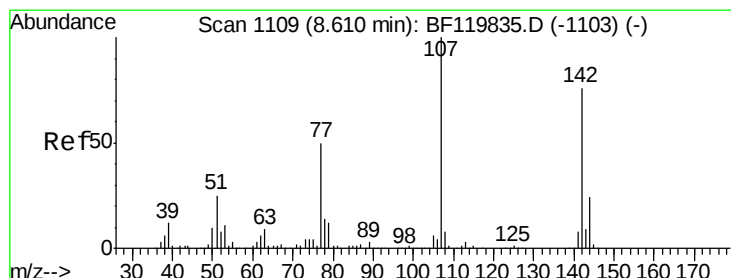
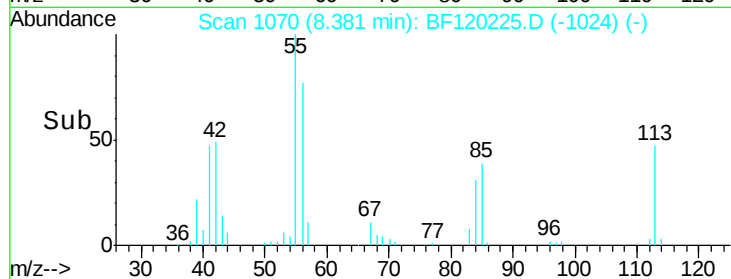
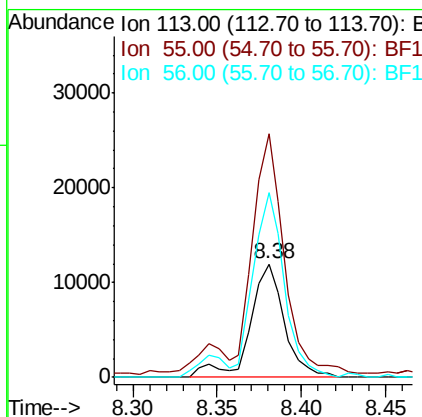
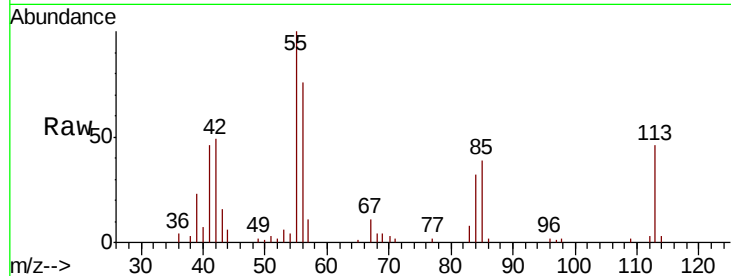
#35
 Caprolactam
 Concen: 7.349 ng/ml
 RT: 8.38 min Scan# 1070
 Delta R.T. -0.03 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleID :
 HW-7MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	215.1	218.4	258.4#
56	163.7	148.9	188.9

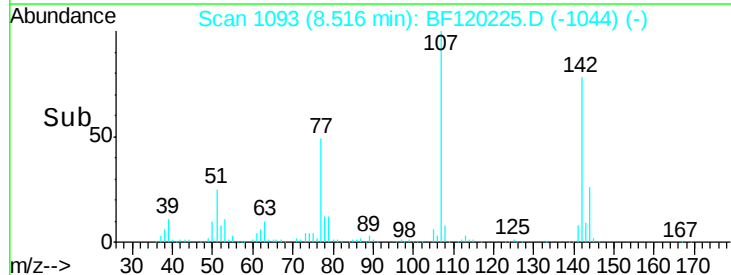
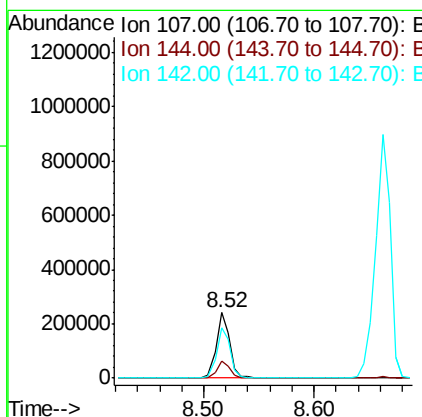
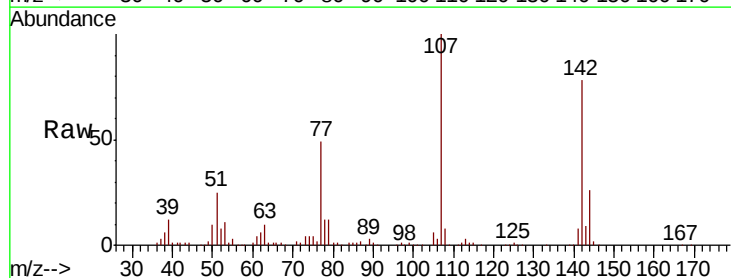
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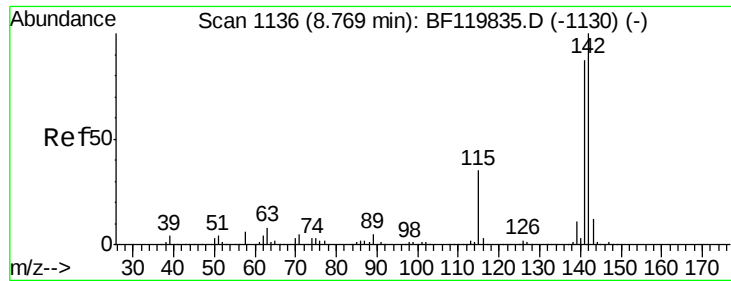
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#36
 4-Chloro-3-methylphenol
 Concen: 24.669 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.0	31.6
142	77.8	64.4	96.6





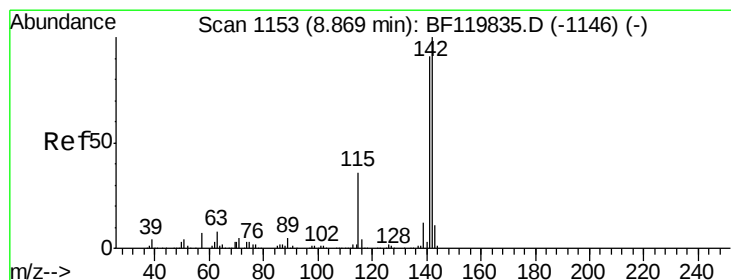
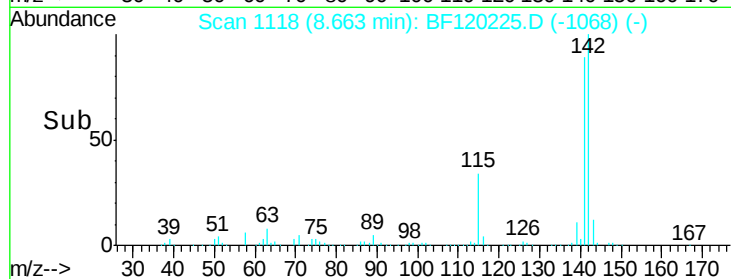
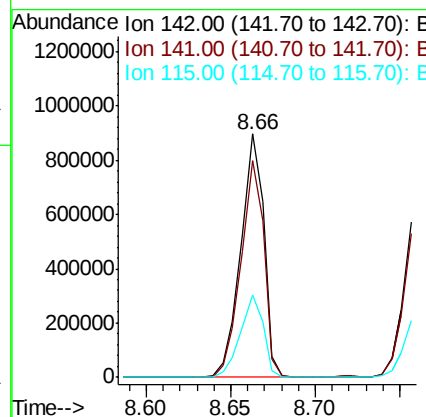
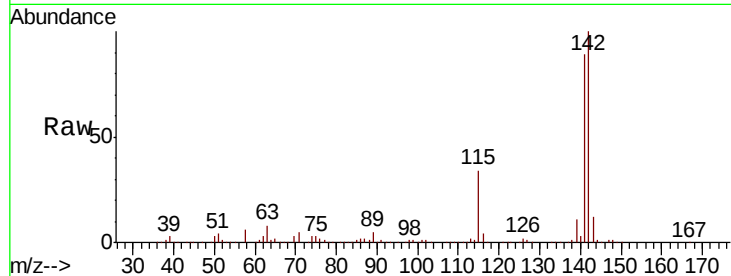
#37
2-Methylnaphthalene
Concen: 47.748 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		853803		
141	88.8	71.7	107.5		
115	33.8	27.9	41.9		

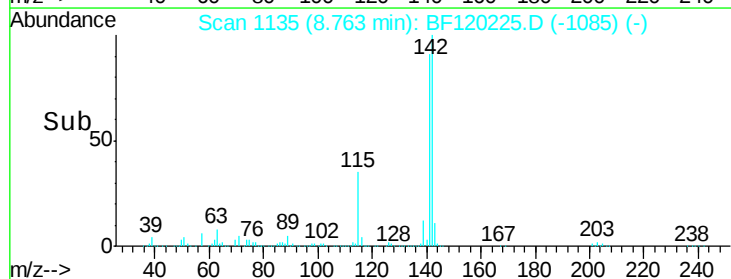
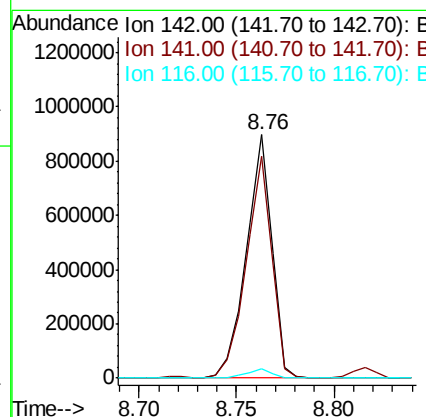
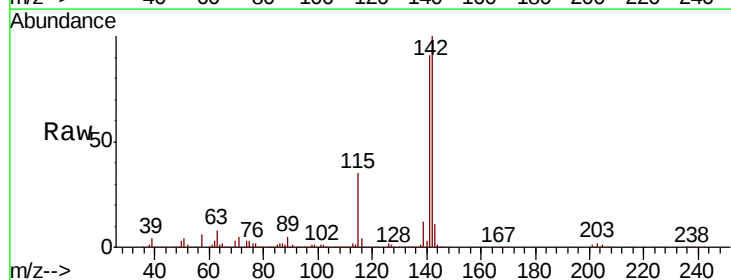
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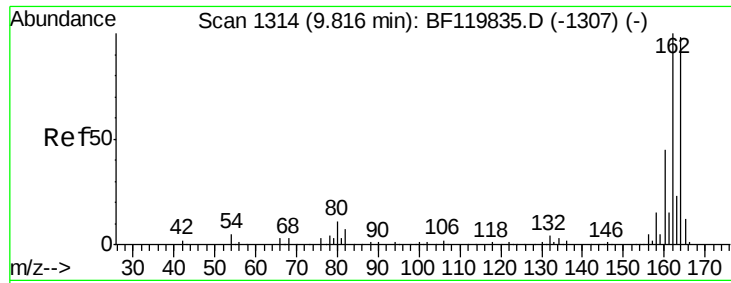
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#38
1-Methylnaphthalene
Concen: 48.177 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
142	100		811984		
141	91.2	73.7	110.5		
116	3.7	3.0	4.6		





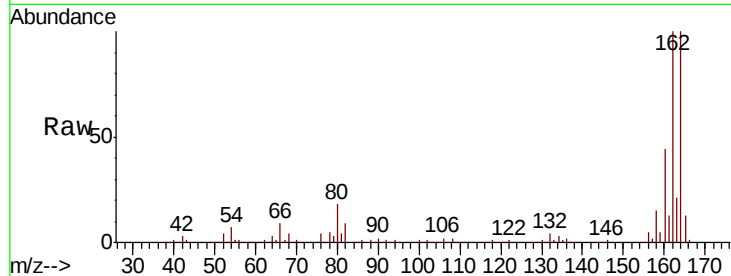
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

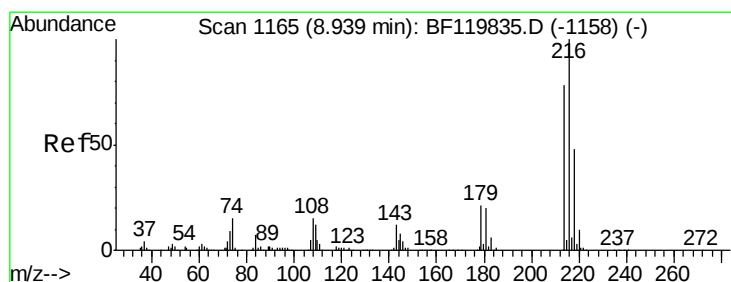
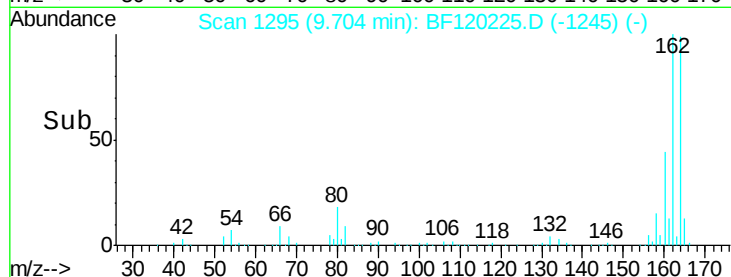
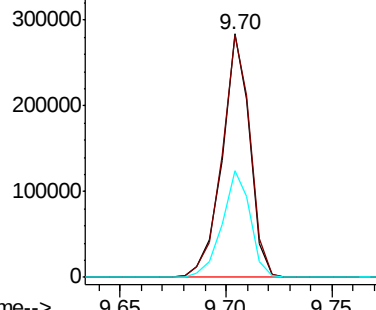
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	121.0
160	43.7	35.7	53.5

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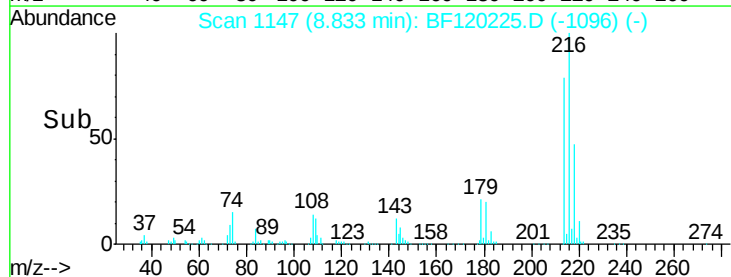
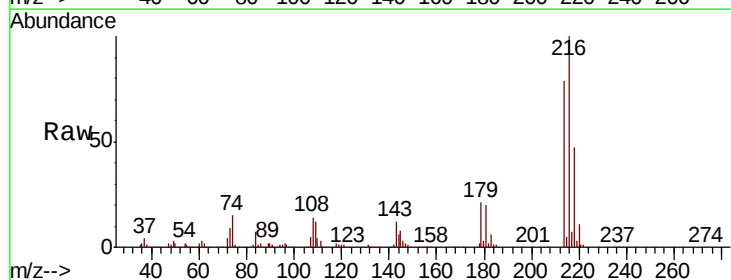
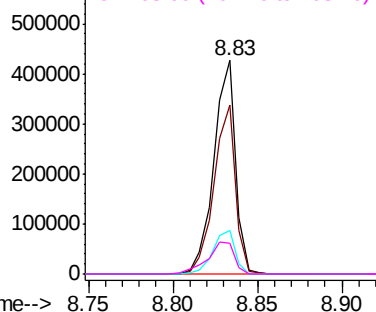
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.786 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.2	94.8
179	21.0	17.1	25.7
108	18.8	15.1	22.7

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.777 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

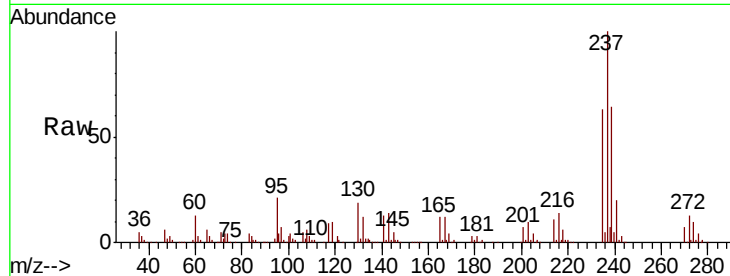
ClientSampleId :

HW-7MS

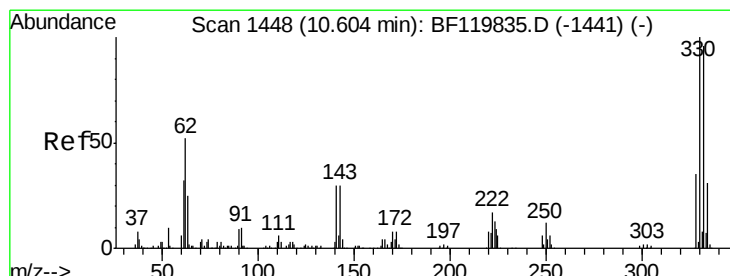
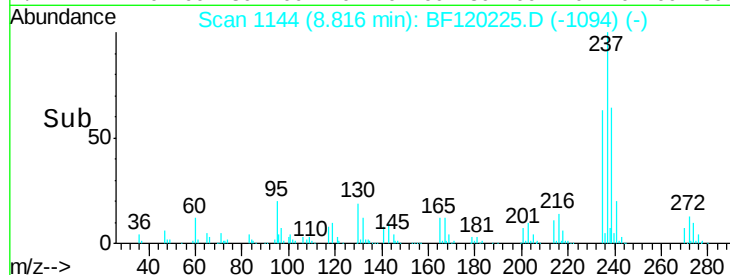
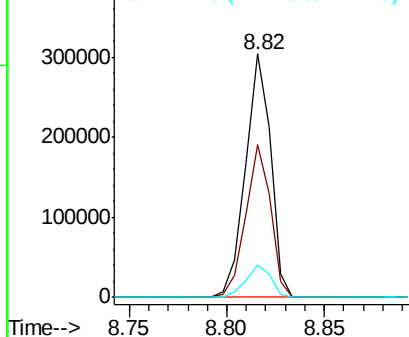
Tot Ion:	237	Resp:	272323
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.2	83.2
272	13.1	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 62.156 ng

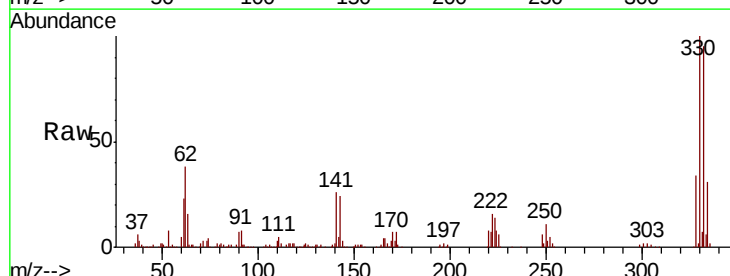
RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

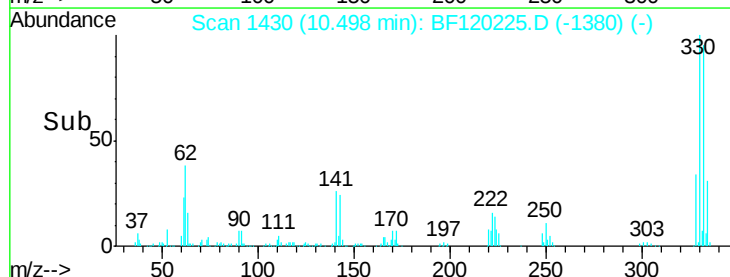
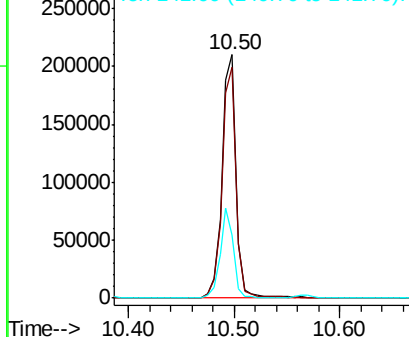
Lab File: BF120225.D

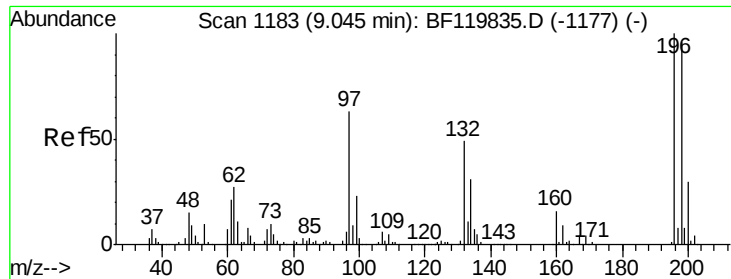
Acq: 27 Apr 2020 18:05

Tgt Ion:	330	Resp:	196316
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	34.9	25.4	38.0



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





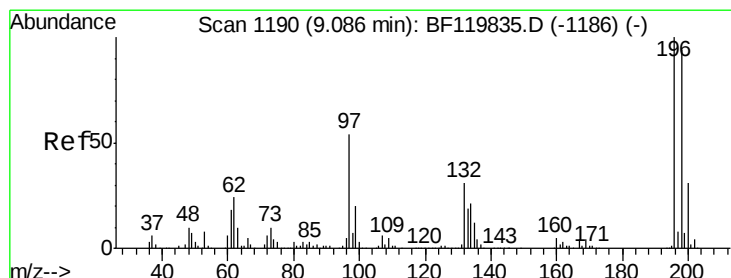
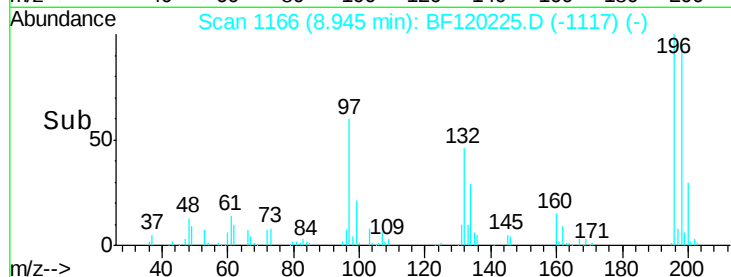
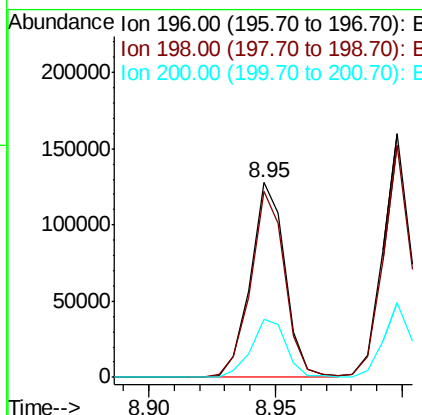
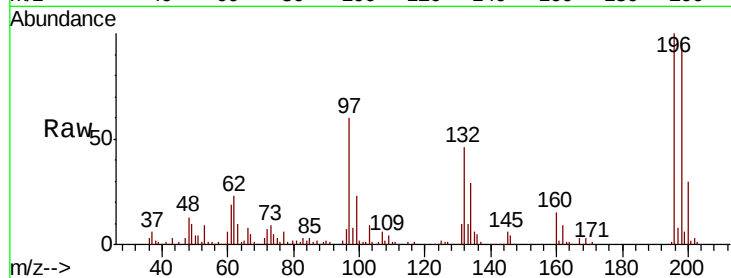
#43
 2,4,6-Trichlorophenol
 Concen: 21.642 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampled :
 HW-7MS

Tot Ion:	196	Resp:	121767
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.6	115.0
200	29.7	24.6	36.8

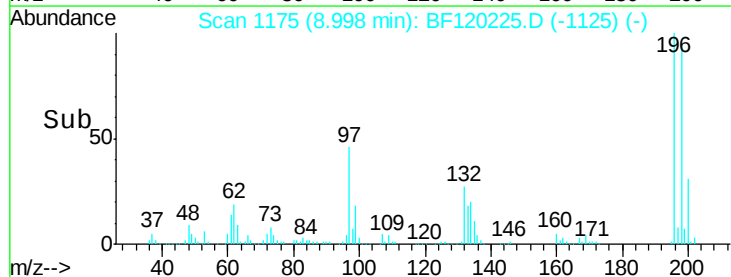
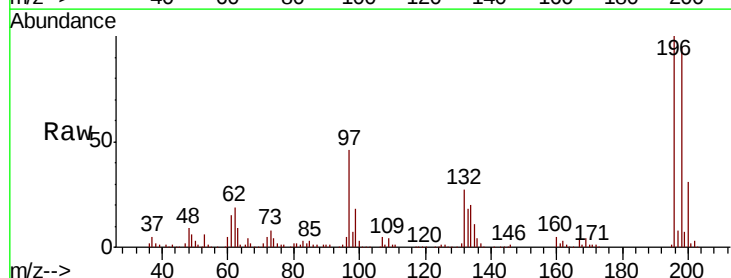
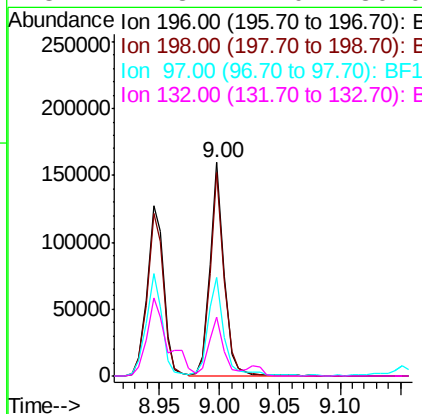
Manual Integrations
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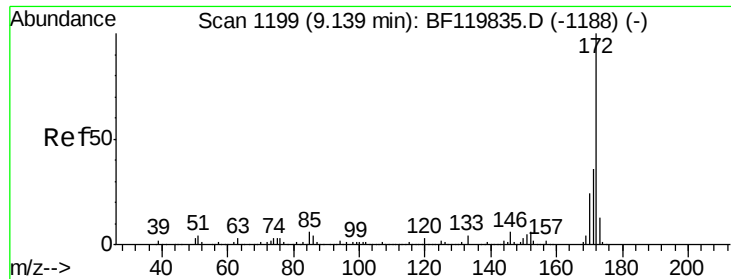
mohammad
 4/28/2020 11:08:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 20.401 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:	196	Resp:	129283
Ion Ratio	Lower	Upper	
196	100		
198	95.1	73.8	110.8
97	46.0	42.6	63.8
132	27.3	24.0	36.0





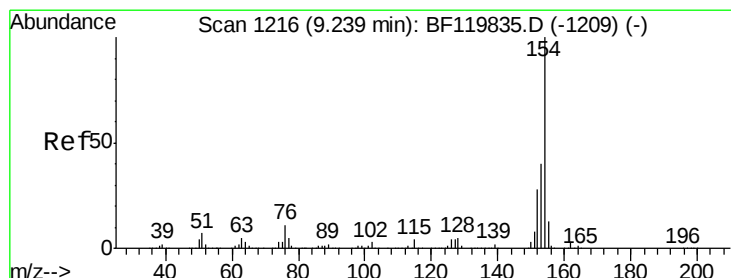
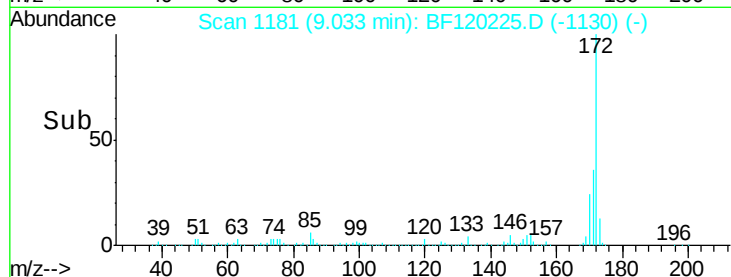
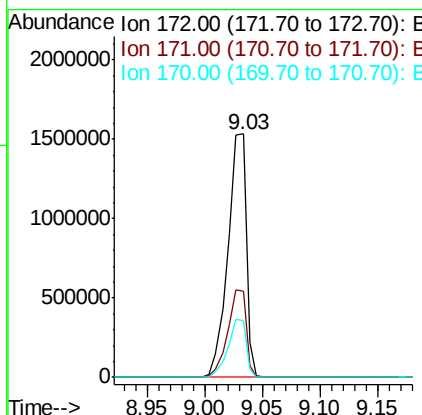
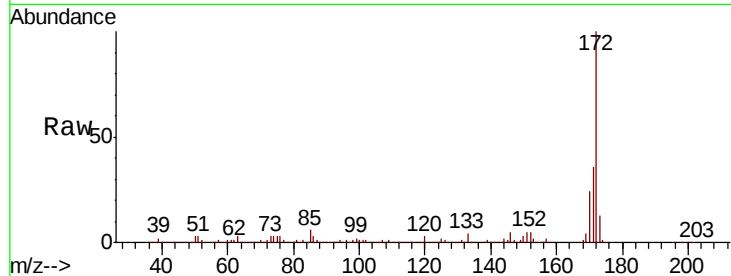
#45
2-Fluorobiphenyl
Concen: 93.390 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	20.2	30.2

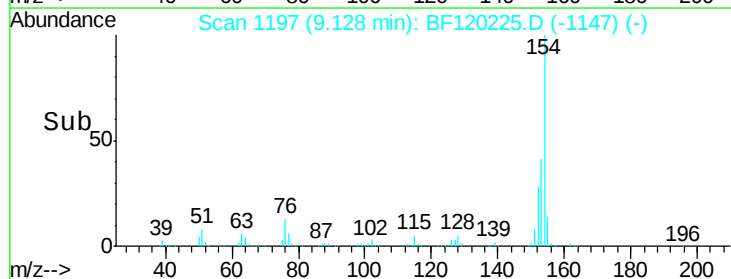
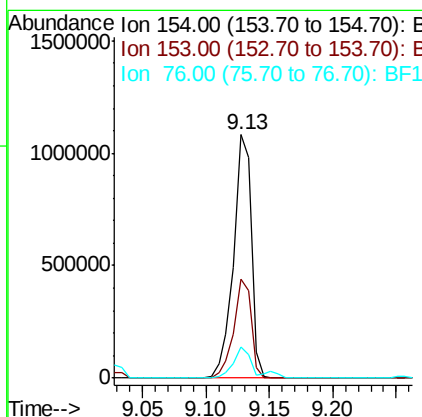
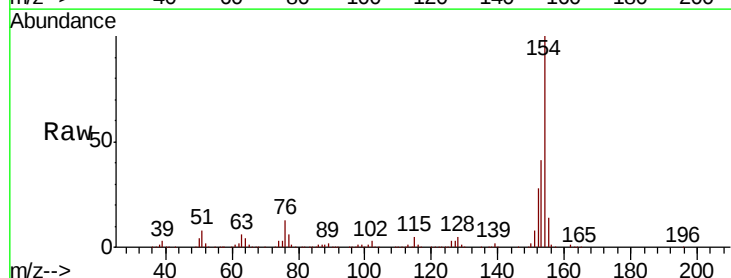
Manual Integrations
APPROVED

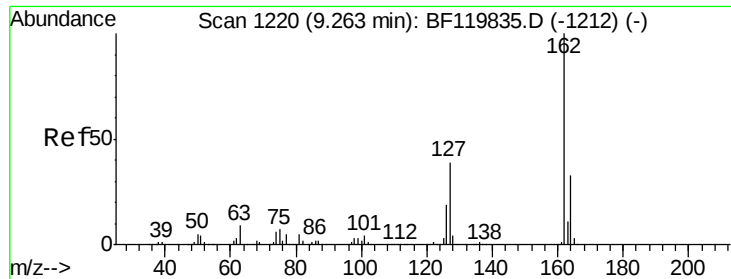
mohammad
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#46
1,1'-Biphenyl
Concen: 47.935 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	13.0	0.0	33.0





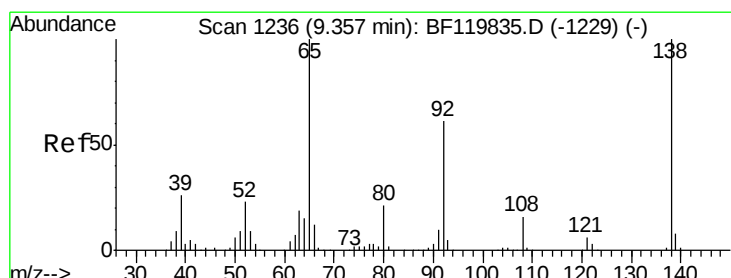
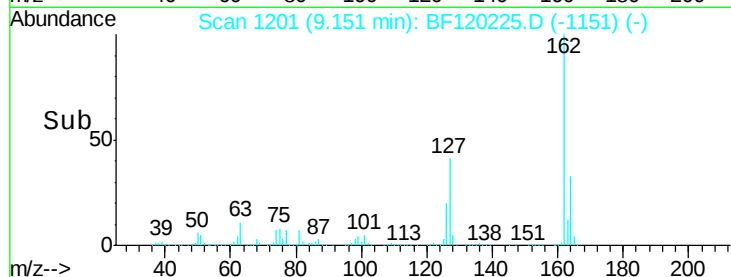
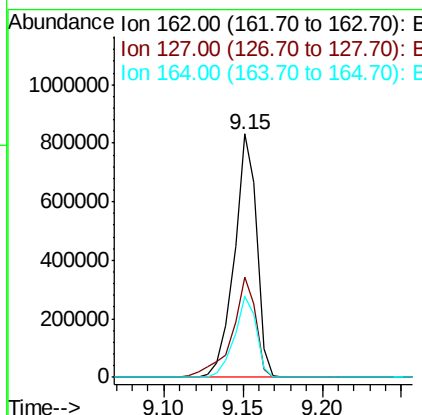
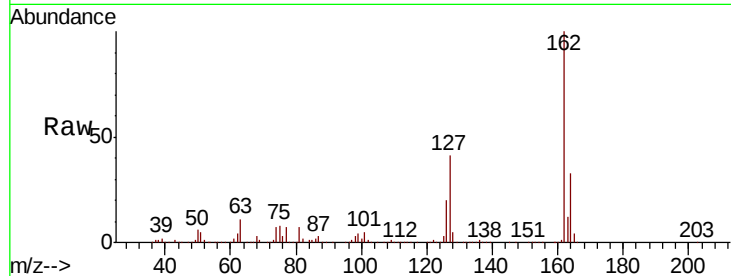
#47
 2-Chloronaphthalene
 Concen: 48.344 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	810908		
127	41.1	33.7	50.5	
164	33.1	26.3	39.5	

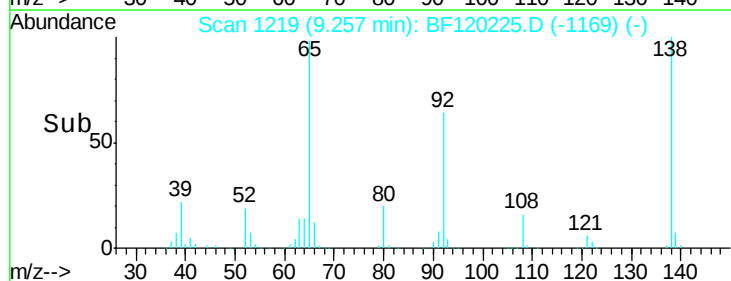
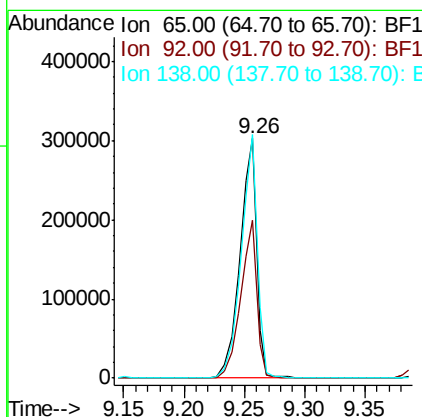
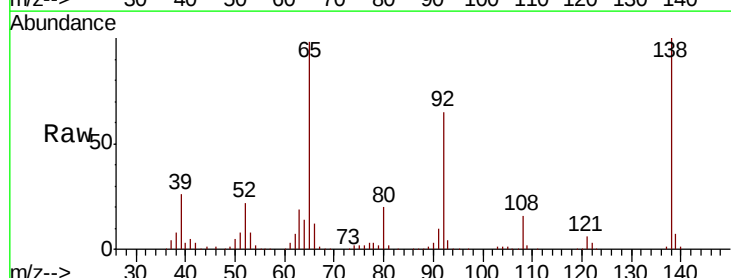
Manual Integrations
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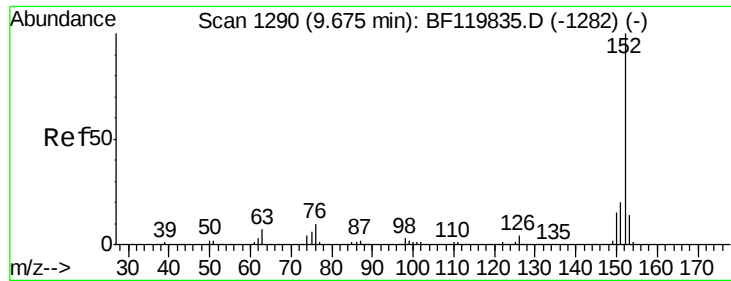
mohammad
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#48
 2-Nitroaniline
 Concen: 48.021 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	291895		
92	65.8	50.0	75.0	
138	101.8	75.0	112.4	





#49

Acenaphthylene

Concen: 49.556 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

HW-7MS

Tot Ion:152 Resp: 1264136

Ion Ratio Lower Upper

152 100

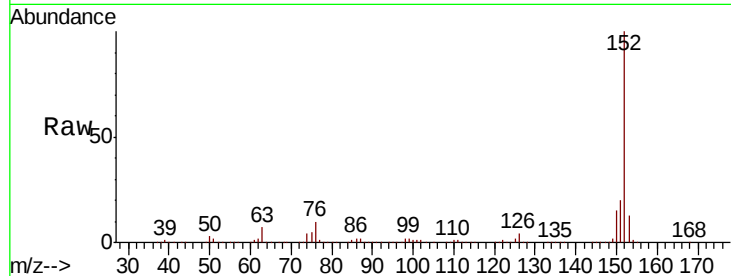
151 20.5 17.2 25.8

153 13.5 11.2 16.8

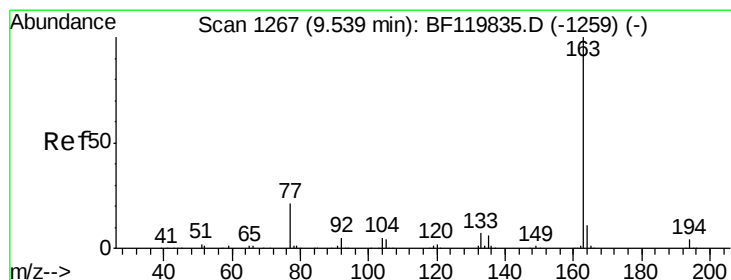
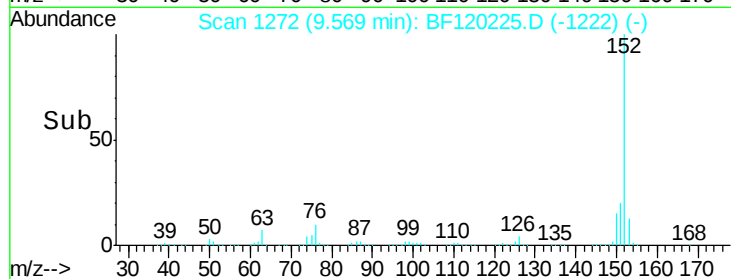
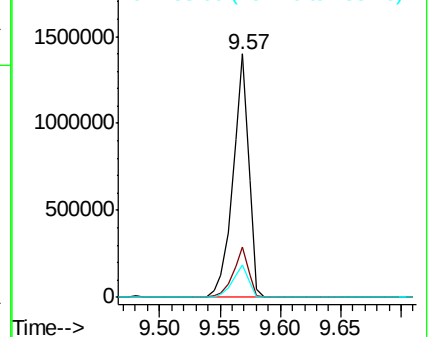
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.577 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

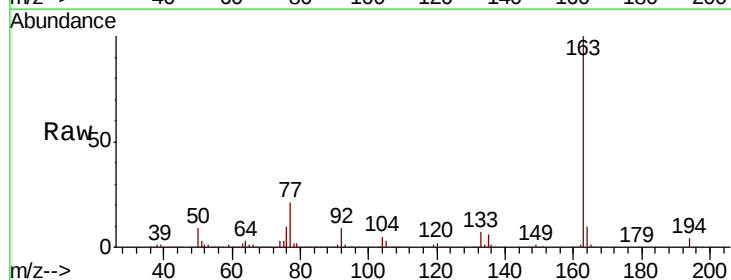
Tgt Ion:163 Resp: 1148859

Ion Ratio Lower Upper

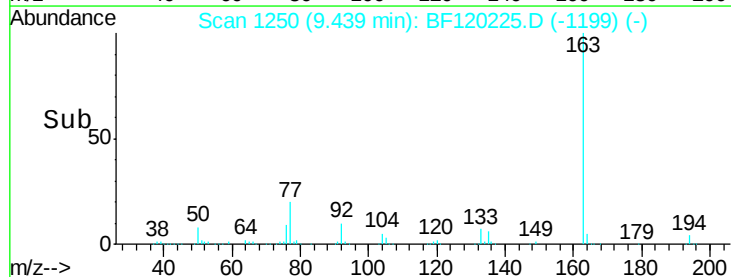
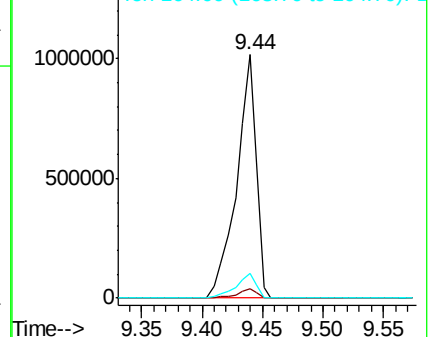
163 100

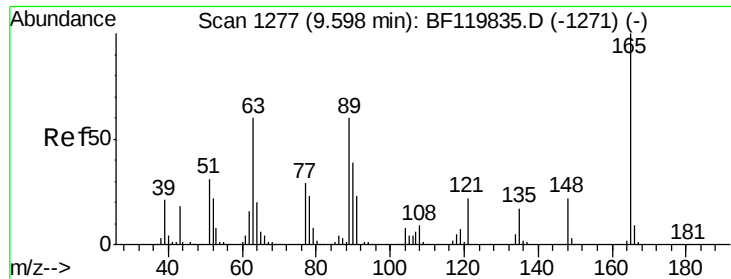
194 3.7 3.1 4.7

164 10.1 8.2 12.2



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





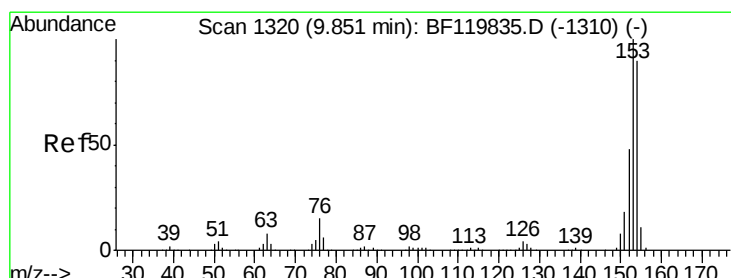
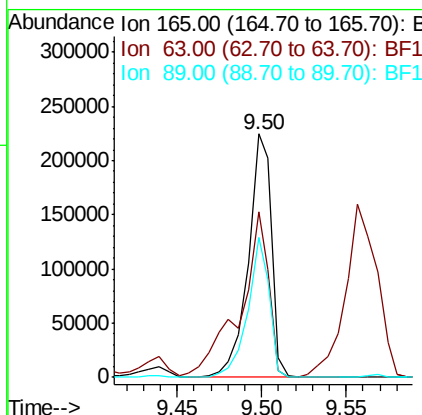
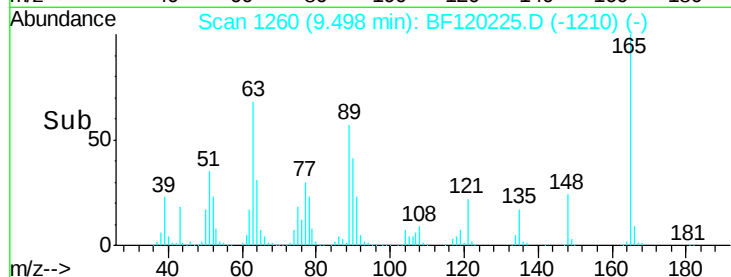
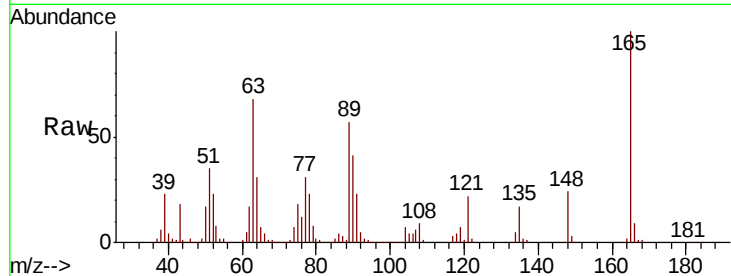
#51
2,6-Dinitrotoluene
Concen: 49.556 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampled :
HW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.1	45.0	67.4#	
89	57.5	41.5	62.3	

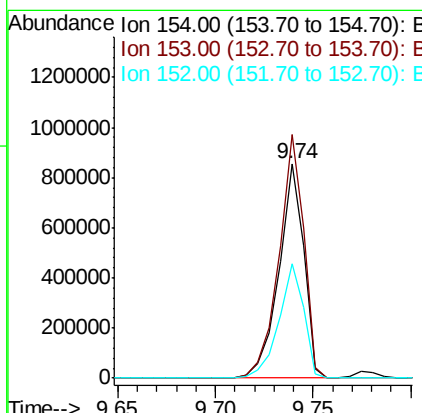
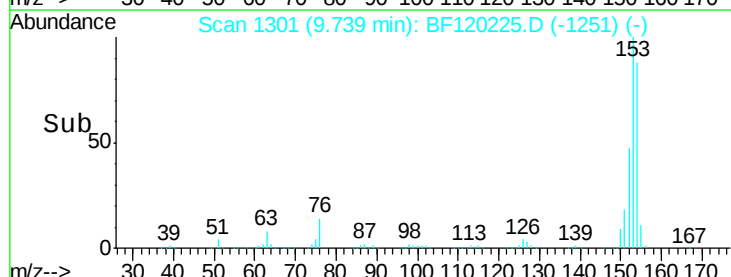
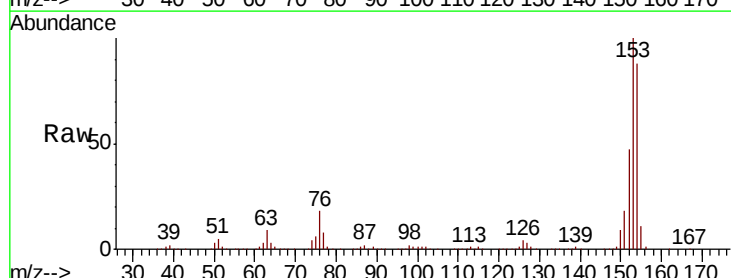
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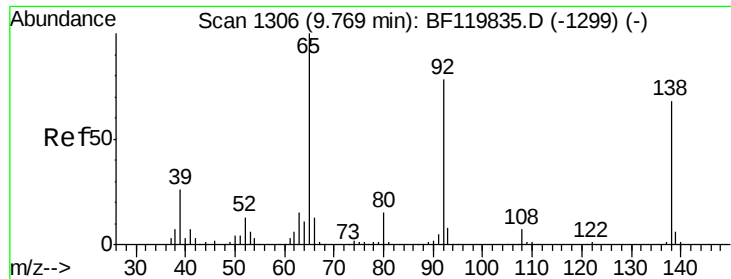
mohammad
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#52
Acenaphthene
Concen: 44.525 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.5	88.1	132.1	
152	53.0	43.0	64.4	





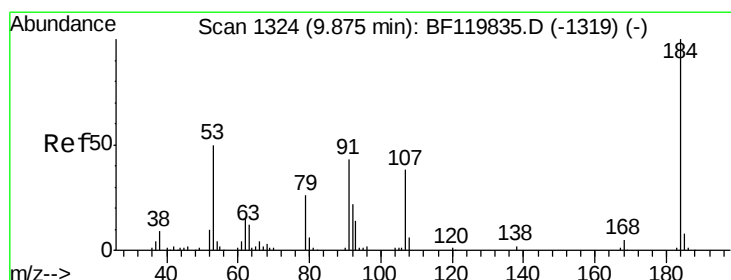
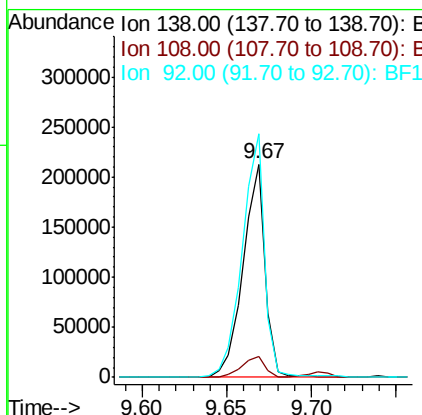
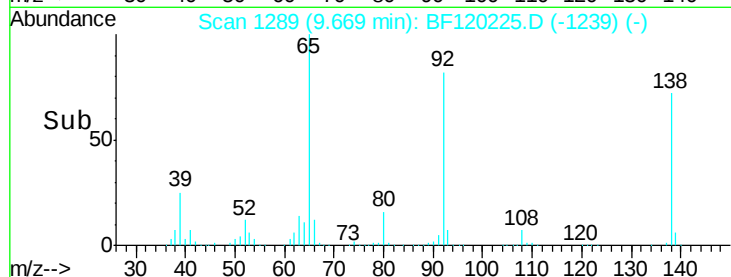
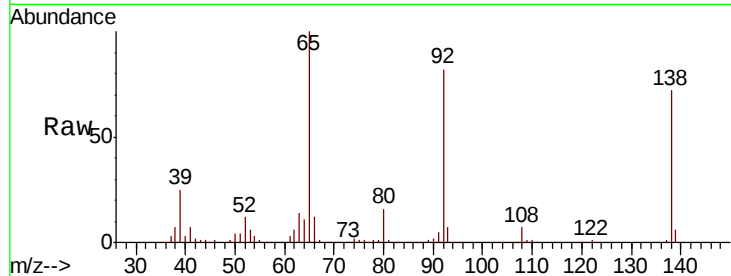
#53
3-Nitroaniline
Concen: 39.126 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	114.2	95.4	143.0

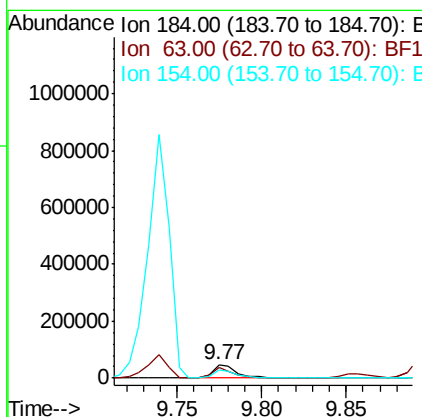
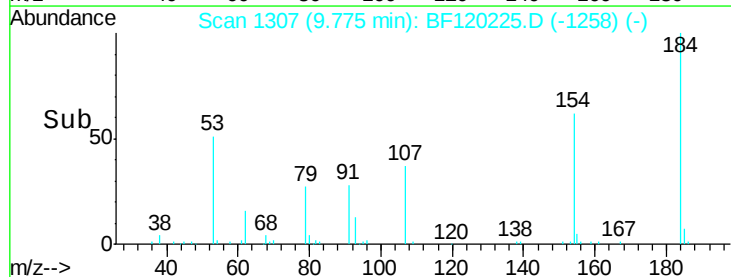
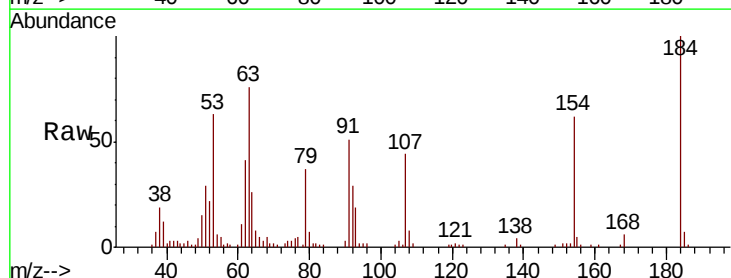
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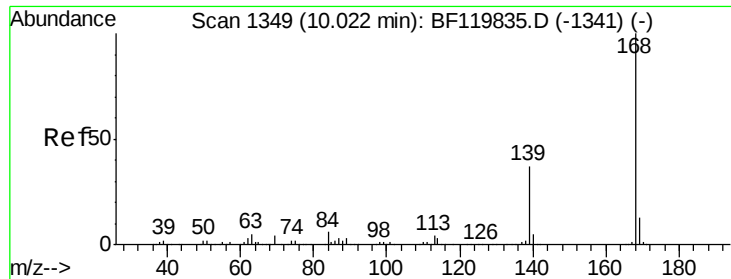
mohammad
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#54
2,4-Dinitrophenol
Concen: 19.214 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.0	50.2	75.4#
154	61.5	44.5	66.7





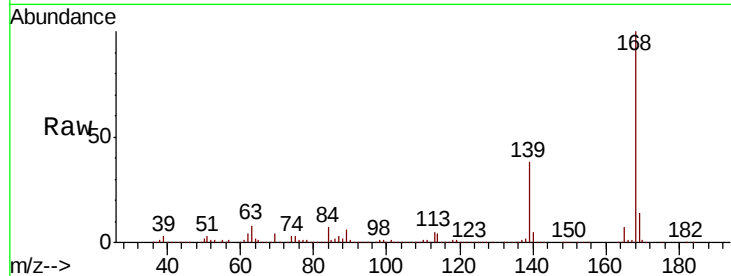
#55
Dibenzofuran
Concen: 49.512 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	13.8	11.0	16.6

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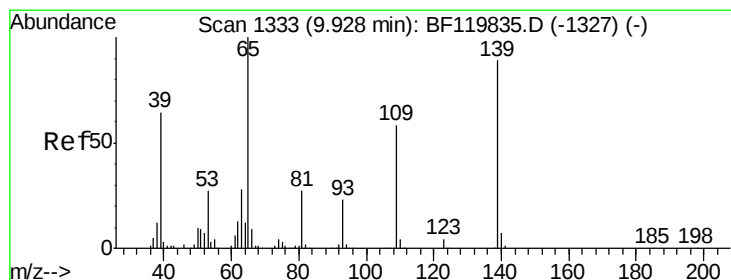
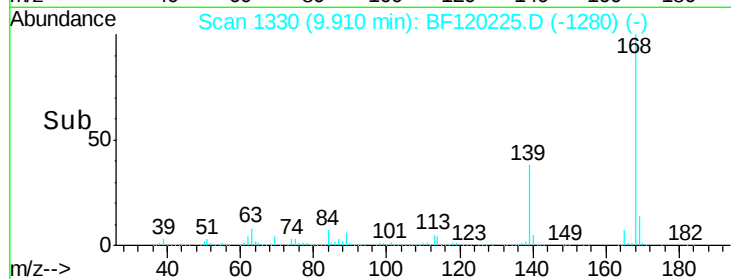
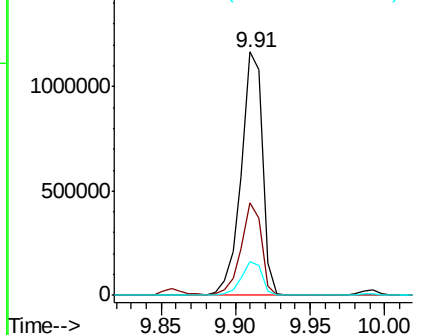


Abundance

Ion 168.00 (167.70 to 168.70): E

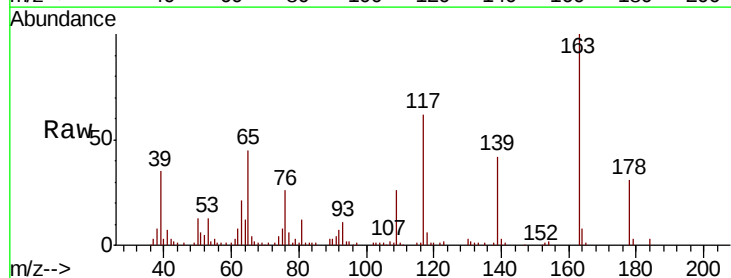
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 8.839 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.0	43.3	83.3
65	107.9	91.0	131.0

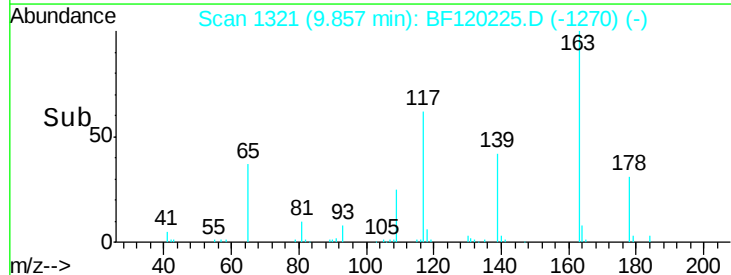
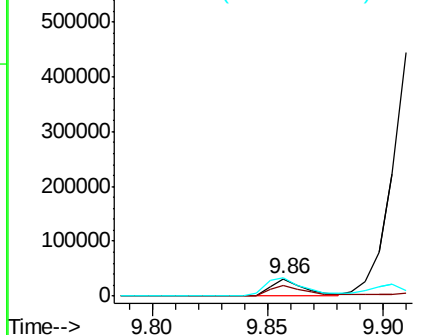


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





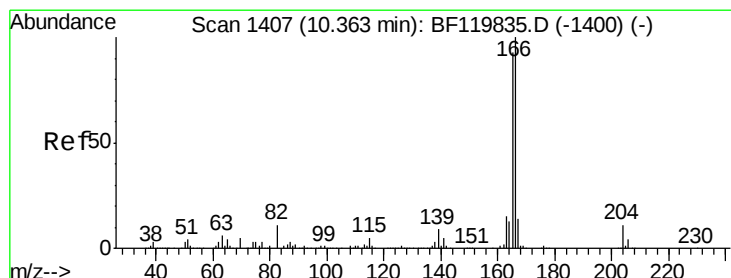
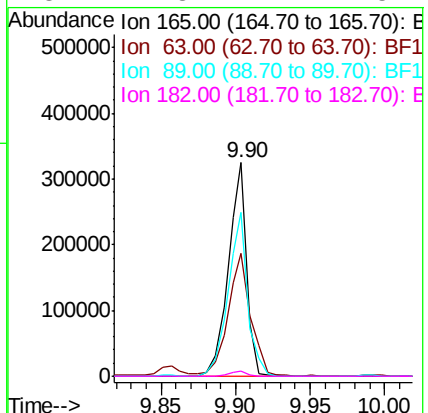
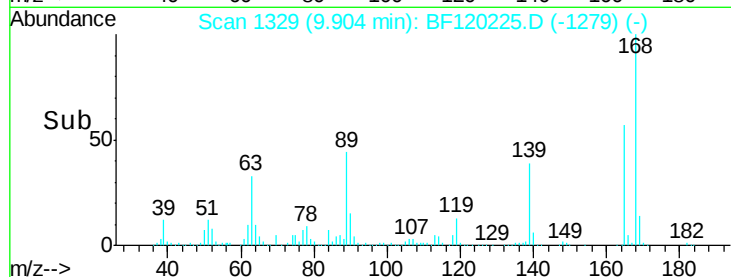
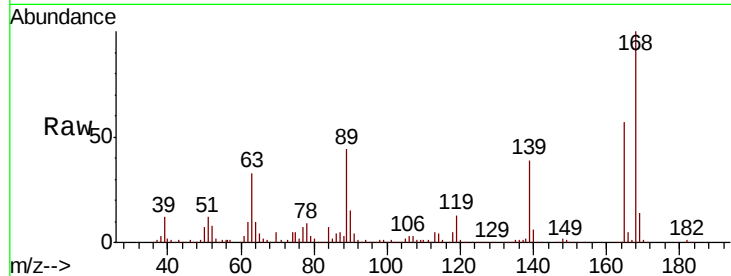
#57
2,4-Dinitrotoluene
Concen: 49.080 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampled :
HW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	282549		
63	57.8	42.6	64.0	
89	76.4	61.0	91.4	
182	2.3	2.2	3.2	

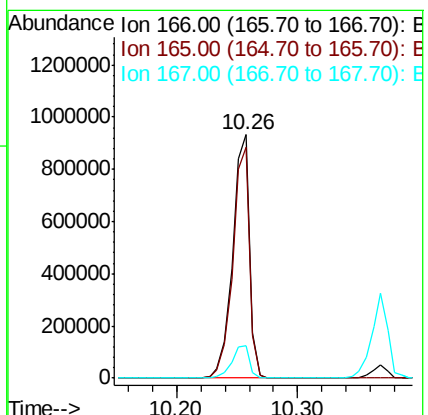
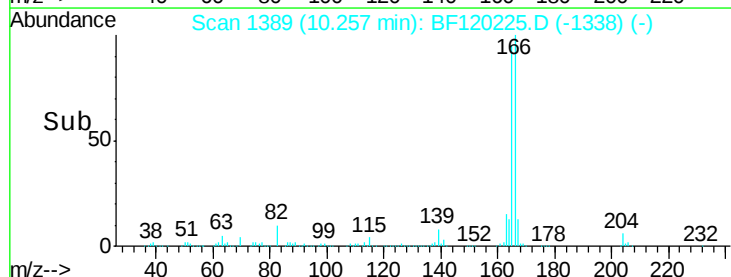
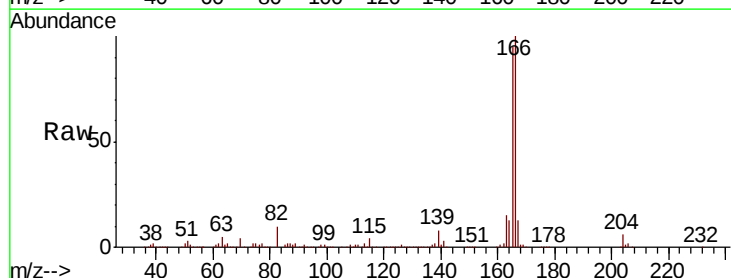
Manual Integrations
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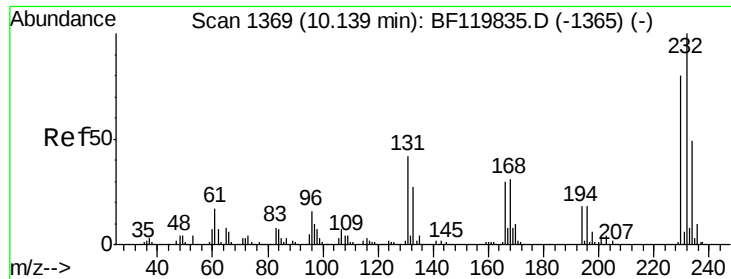
mohammad
4/28/2020 11:08:35 PM



#58
Fluorene
Concen: 48.475 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	905255		
165	94.8	75.4	113.2	
167	13.3	11.2	16.8	





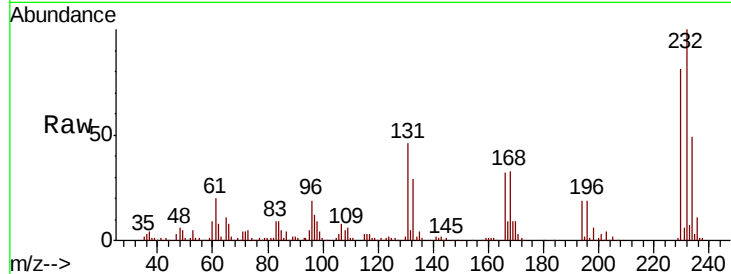
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 21.232 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

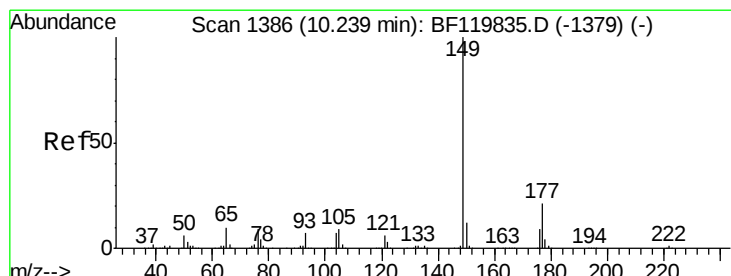
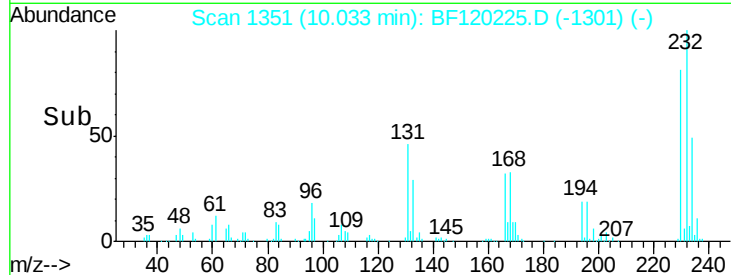
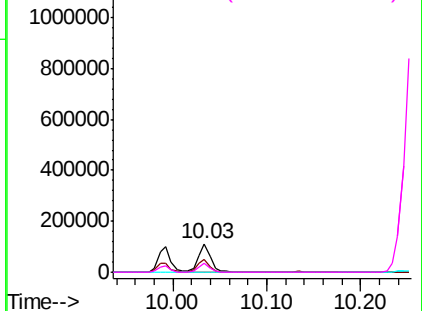
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	45.0	37.5	56.3		
130	2.0	1.8	2.6		
166	31.4	24.6	36.8		

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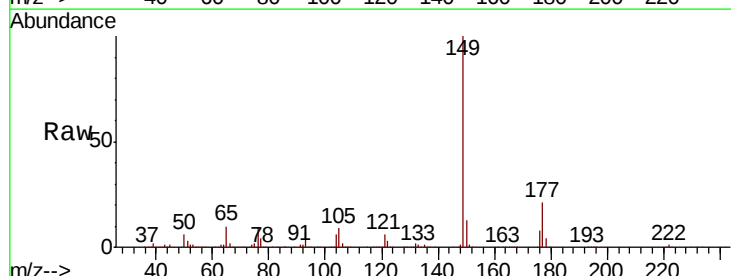


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

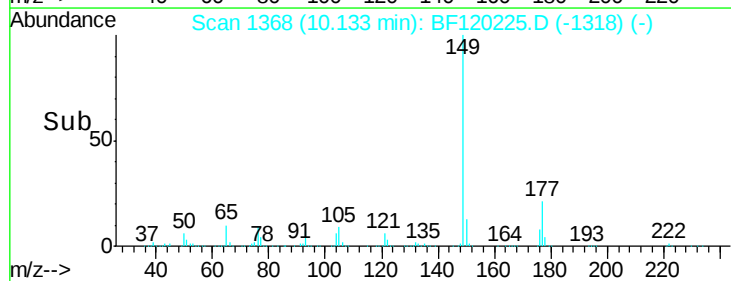
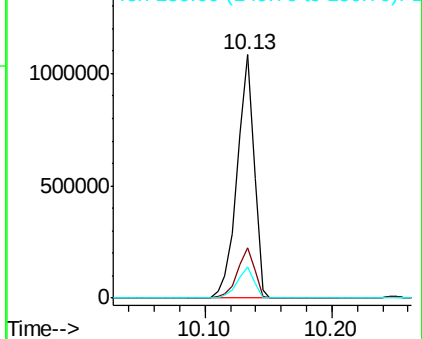


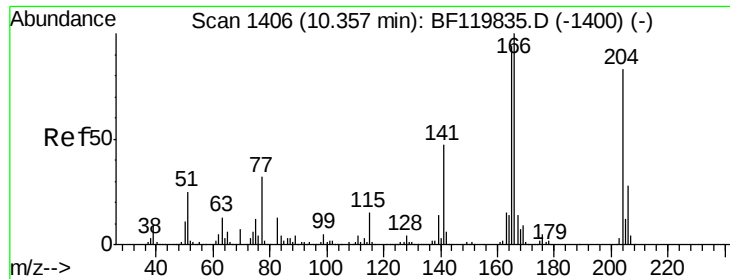
#60
 Diethylphthalate
 Concen: 48.139 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	20.8	17.0	25.6		
150	12.6	10.1	15.1		



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





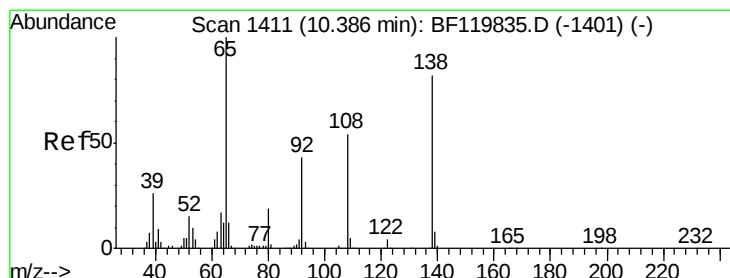
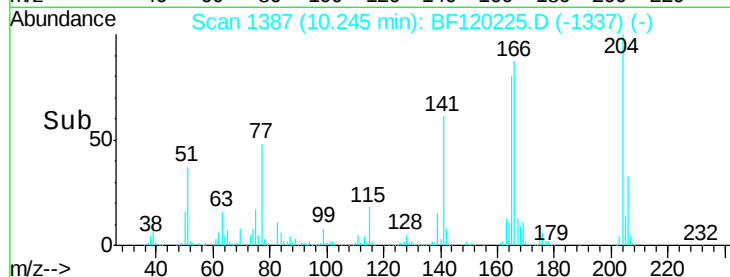
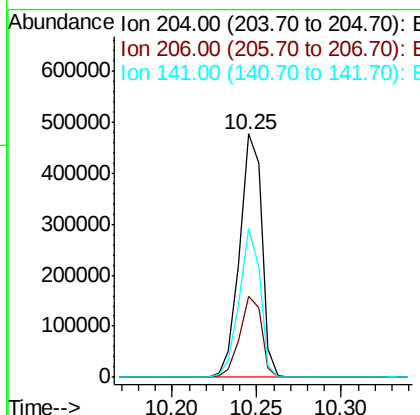
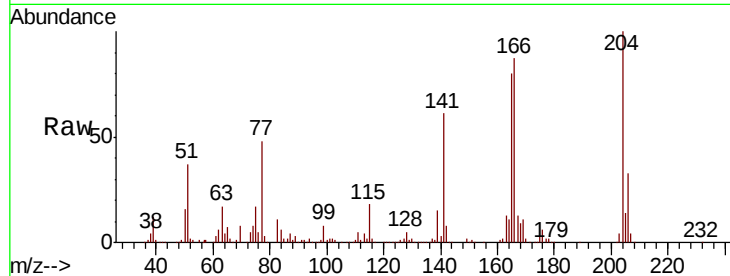
#61
4-Chlorophenyl-phenylether
Concen: 45.663 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampled :
HW-7MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	61.3	47.3	70.9

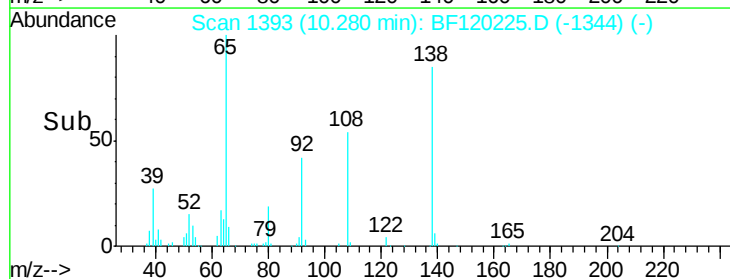
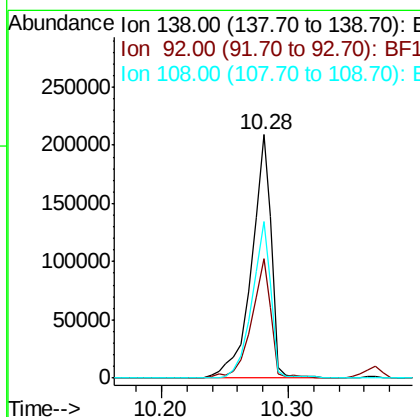
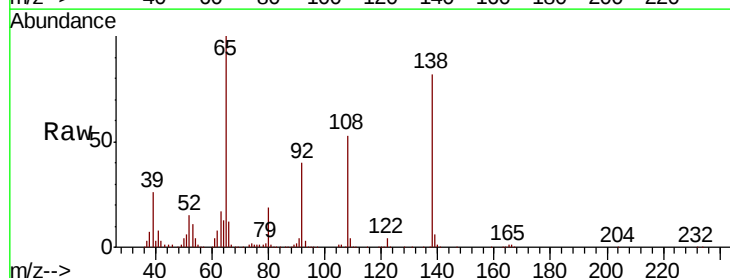
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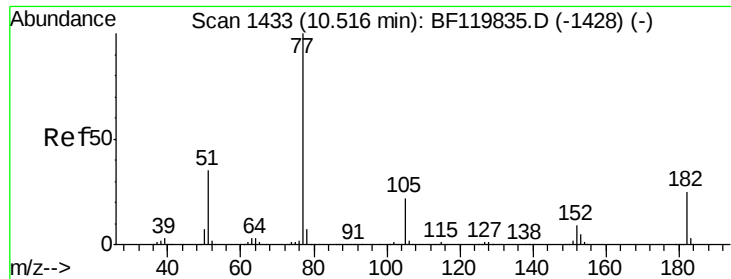
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#62
4-Nitroaniline
Concen: 48.011 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.5	71.5
108	64.6	45.8	85.8





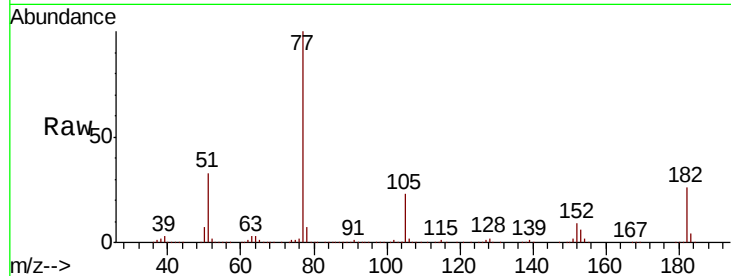
#63
Azobenzene
Concen: 50.245 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

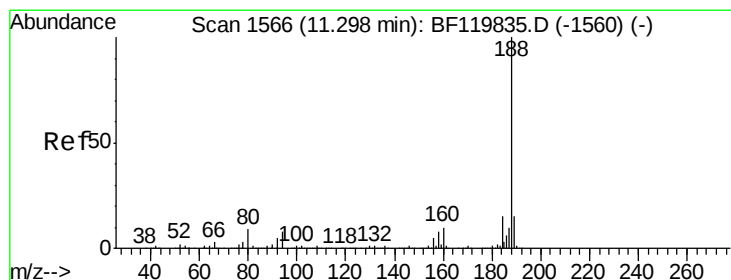
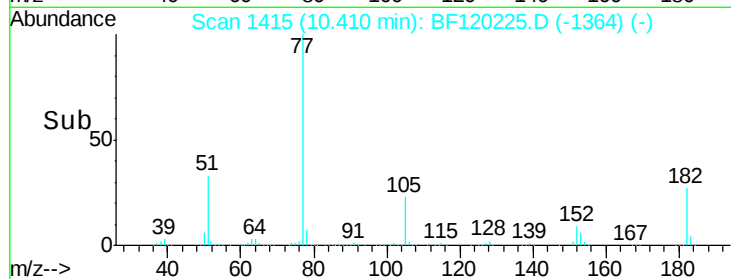
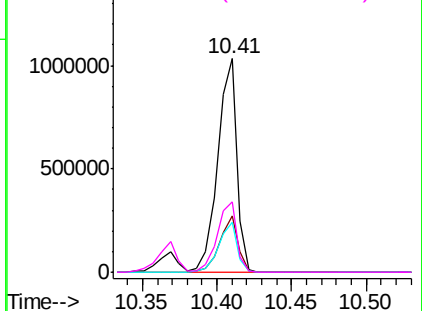
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	4.4	44.4	
105	23.3	2.6	42.6	
51	32.9	15.1	55.1	

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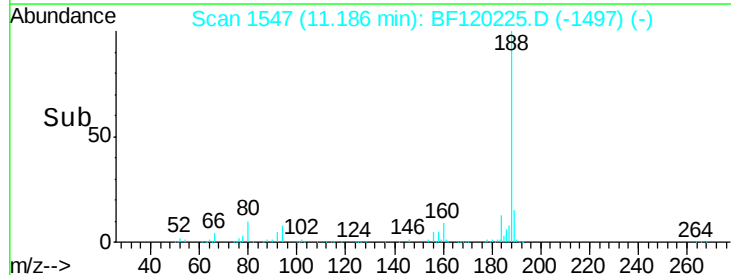
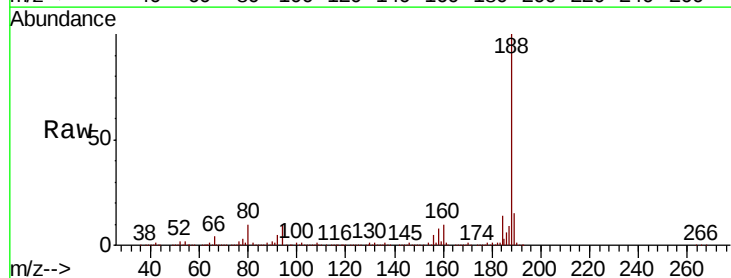
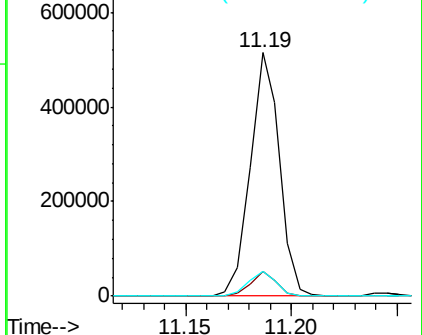
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

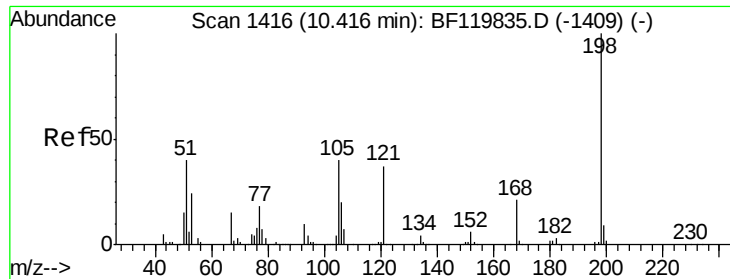


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	7.5	11.3	
80	9.9	9.0	13.4	

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





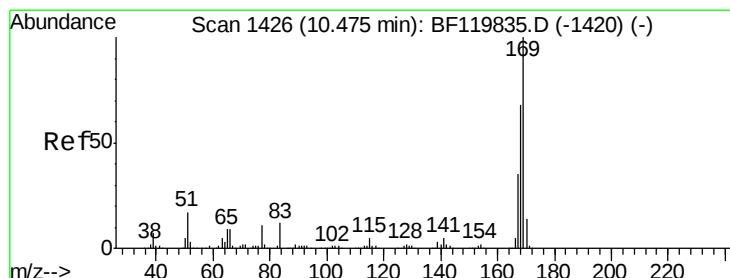
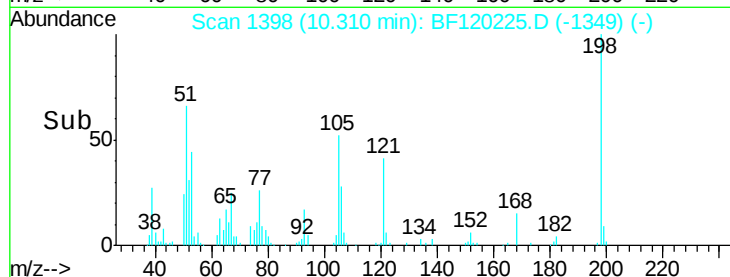
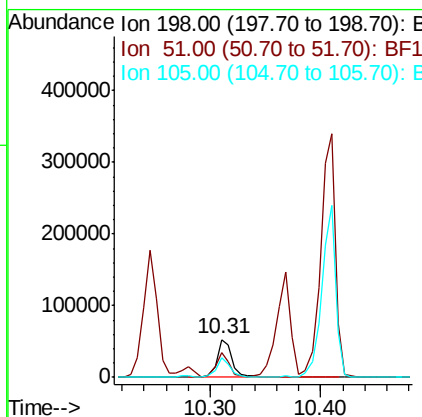
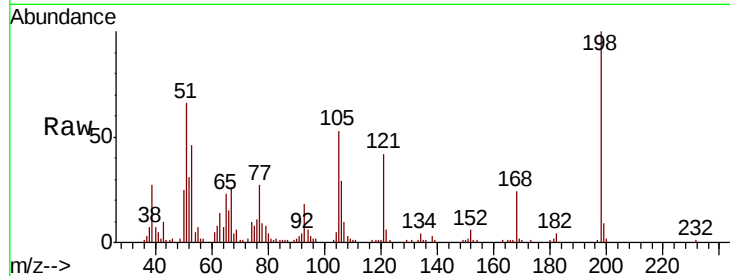
#65
4,6-Dinitro-2-methylphenol
Concen: 15.634 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	50851		
51	66.0	29.0	69.0	
105	52.6	22.2	62.2	

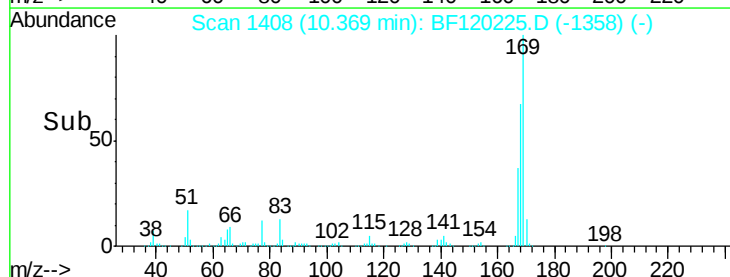
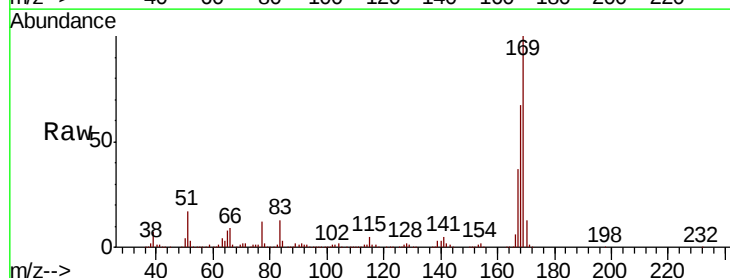
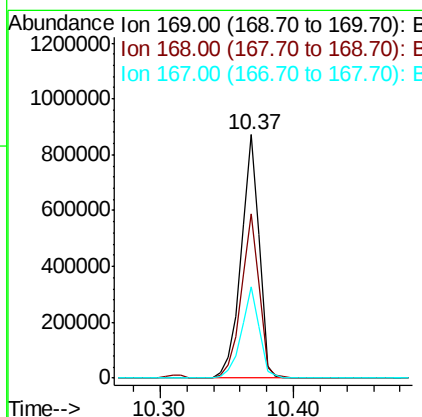
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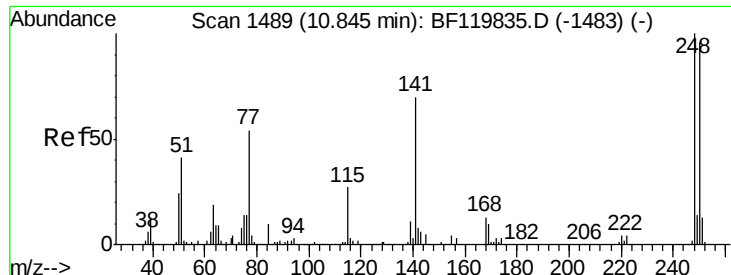
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#66
n-Nitrosodiphenylamine
Concen: 49.785 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	817467		
168	67.3	53.2	79.8	
167	37.3	29.1	43.7	





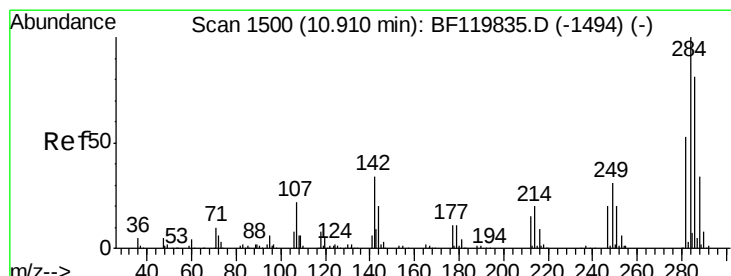
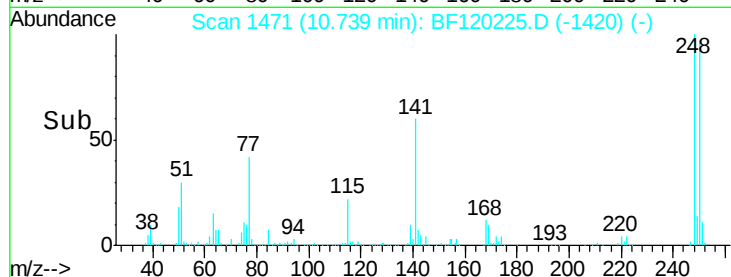
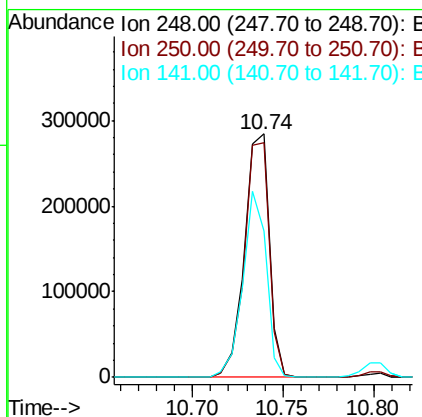
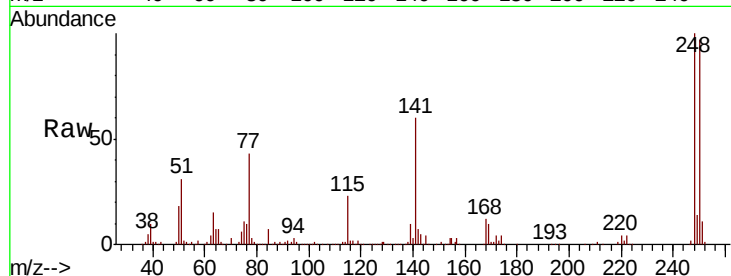
#67
 4-Bromophenyl-phenylether
 Concen: 44.215 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampled :
 HW-7MS

Tot Ion:	248	Resp:	271476
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.3	115.9
141	60.4	58.6	87.8

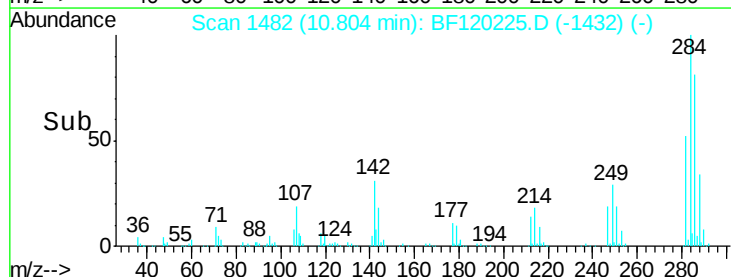
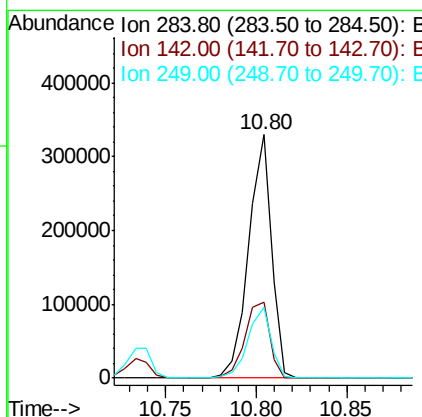
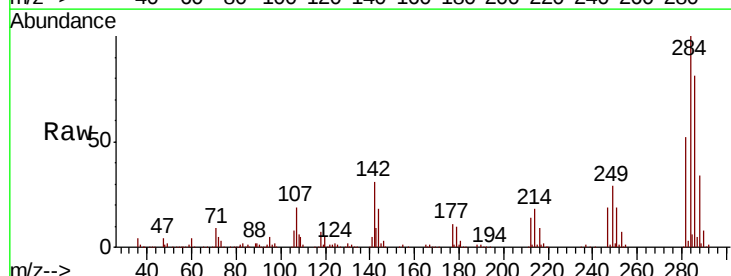
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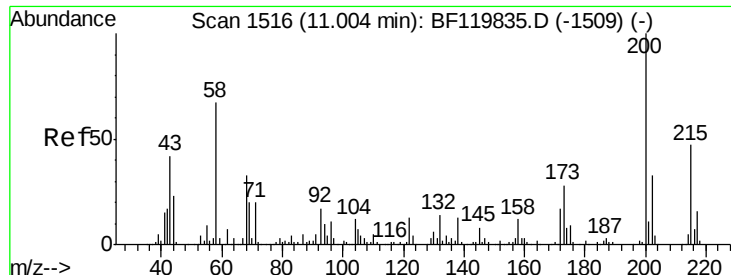
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#68
 Hexachlorobenzene
 Concen: 46.480 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:	284	Resp:	289508
Ion Ratio	Lower	Upper	
284	100		
142	31.3	29.2	43.8
249	29.2	25.1	37.7





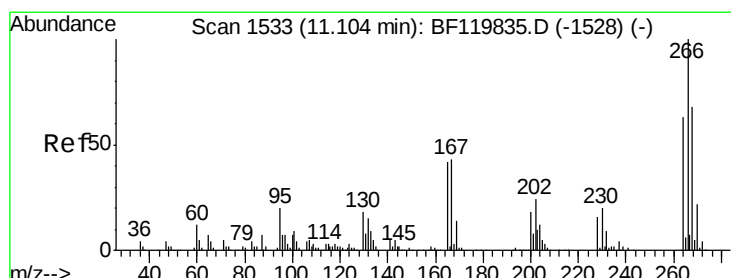
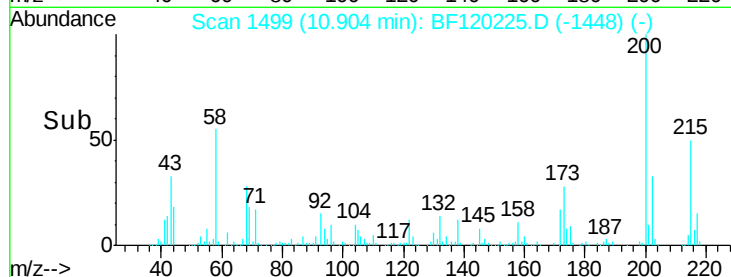
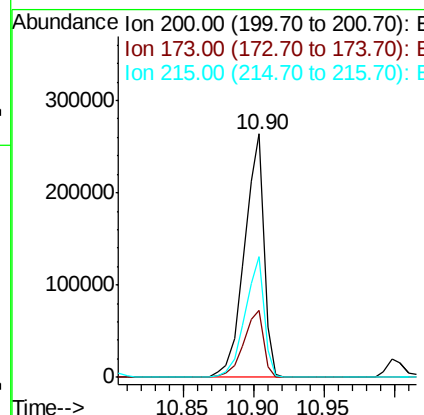
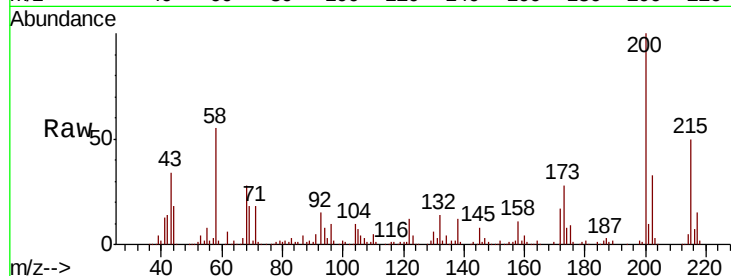
#69
Atrazine
Concen: 55.459 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	9.3	49.3
215	49.8	29.5	69.5

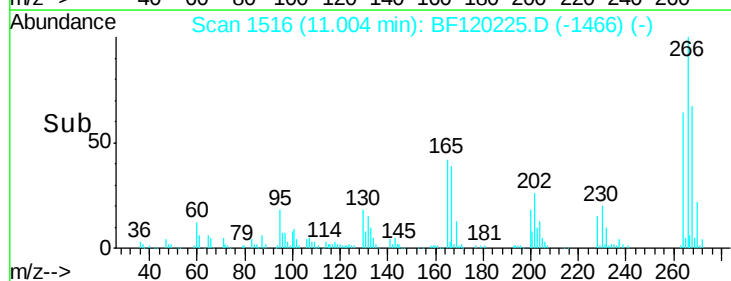
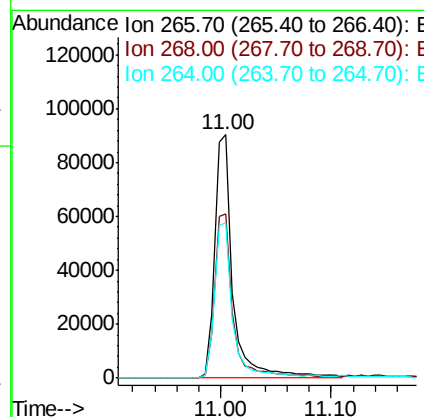
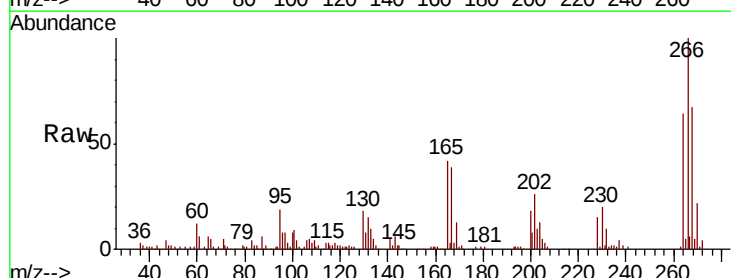
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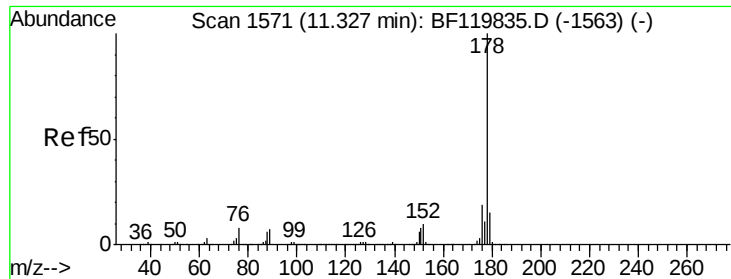
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#70
Pentachlorophenol
Concen: 28.342 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.5	53.3	79.9
264	63.6	49.0	73.4





#71

Phenanthrene

Concen: 49.756 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

HW-7MS

Tot Ion:178 Resp: 1307413

Ion Ratio Lower Upper

178 100

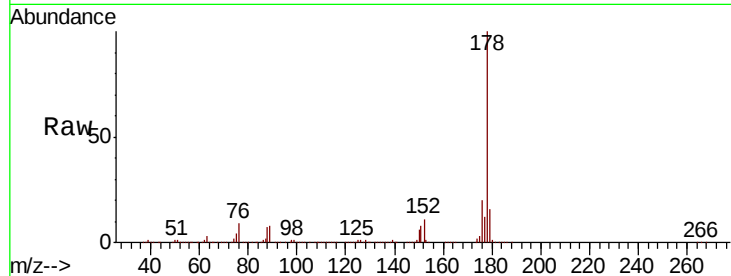
176 19.6 16.2 24.4

179 15.9 13.2 19.8

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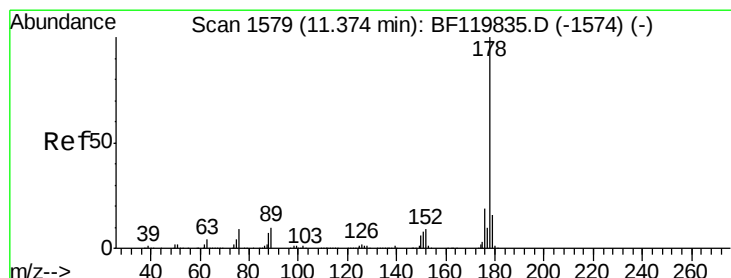
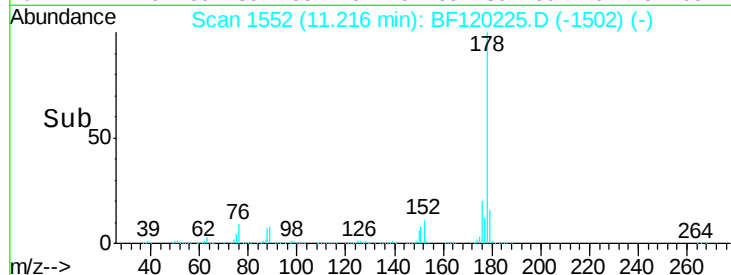
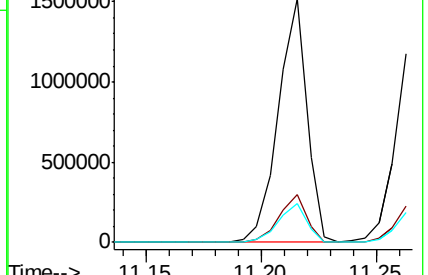
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.477 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Tgt Ion:178 Resp: 1354935

Ion Ratio Lower Upper

178 100

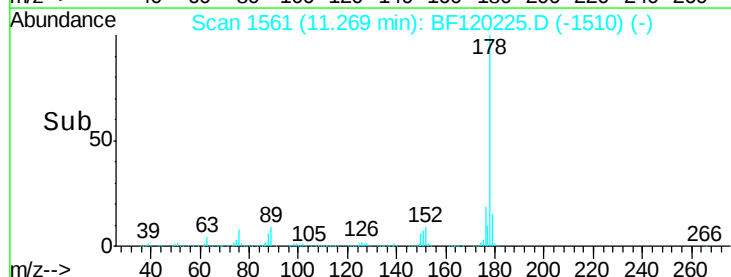
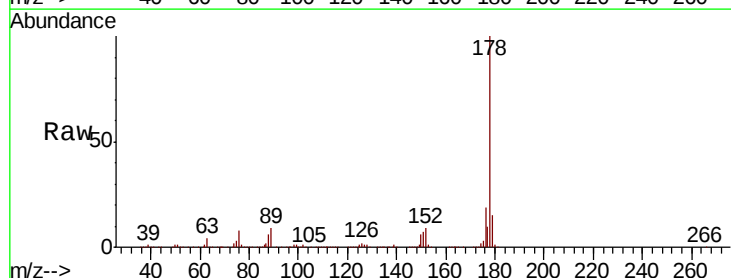
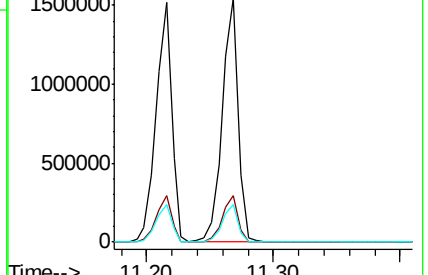
176 19.1 16.1 24.1

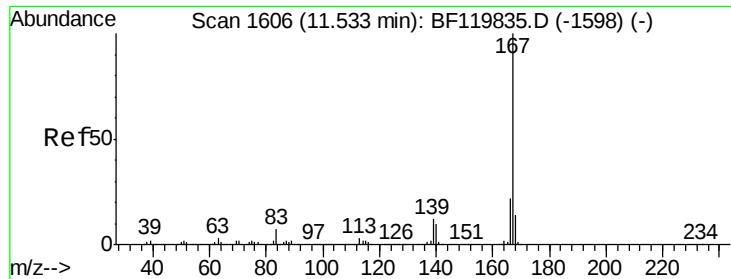
179 15.5 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





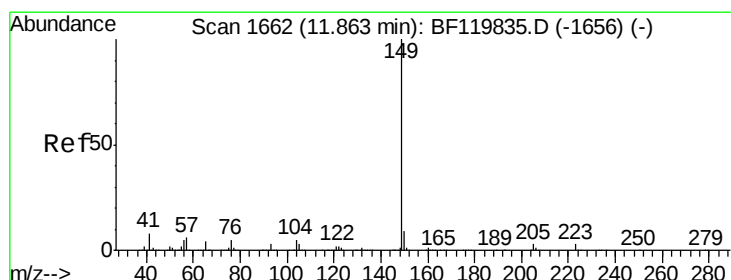
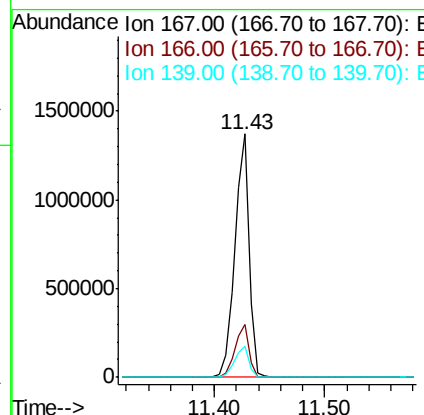
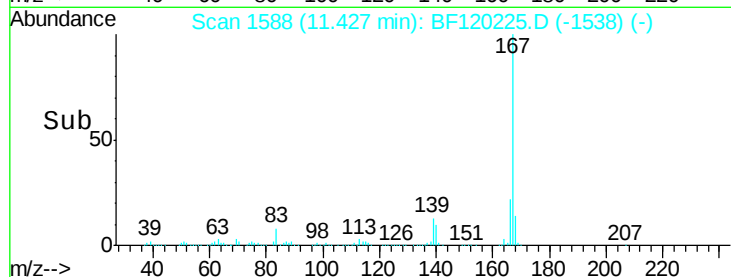
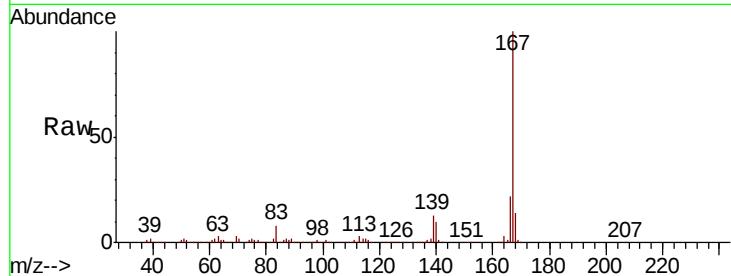
#73
 Carbazole
 Concen: 49.132 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:167 Resp: 1247204
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 13.0 10.7 16.1

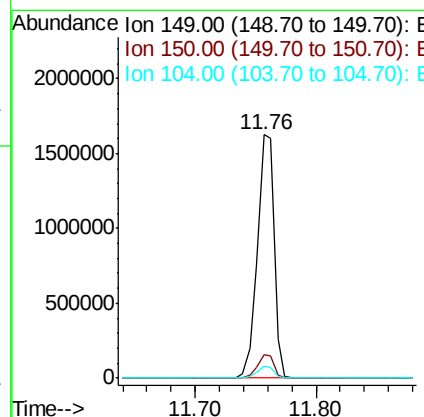
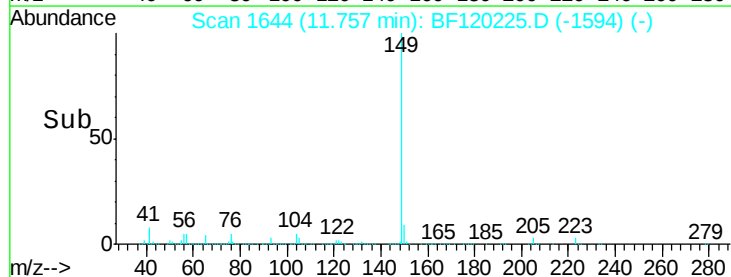
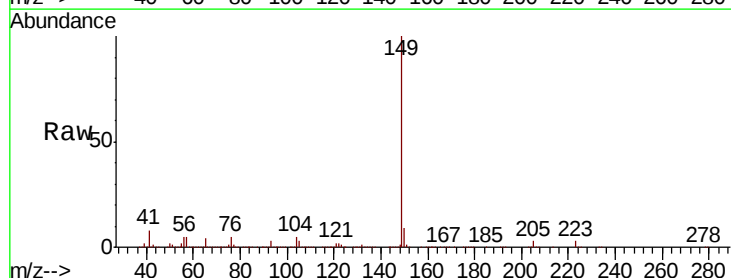
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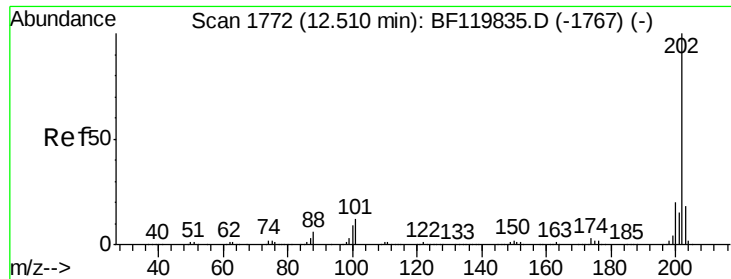
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#74
 Di-n-butylphthalate
 Concen: 47.645 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:149 Resp: 1589951
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.7 3.6 5.4





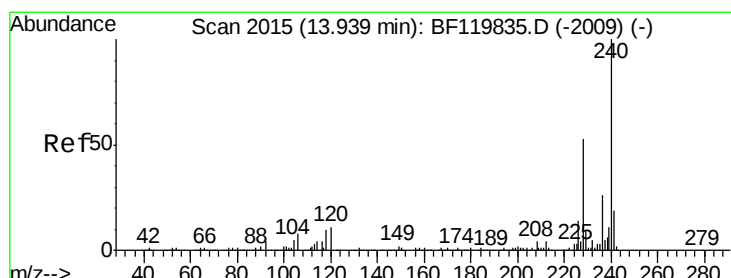
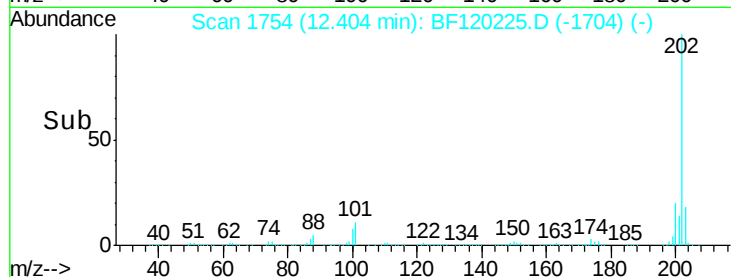
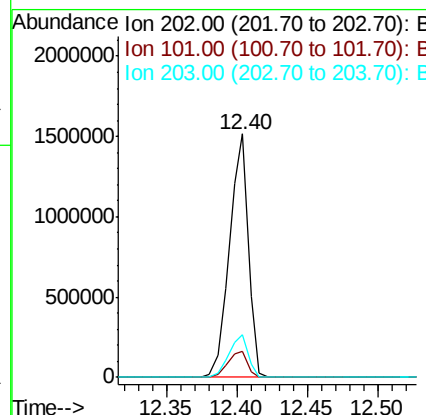
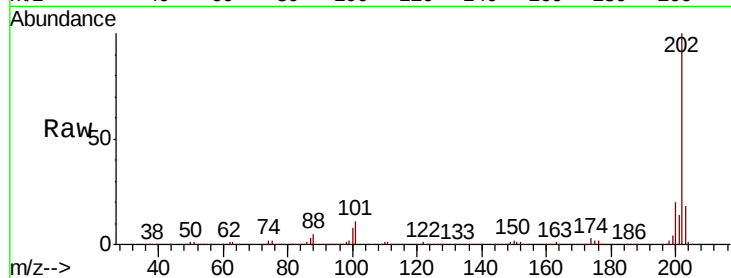
#75
 Fluoranthene
 Concen: 49.614 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1406658		
101	10.6	0.0	32.2	
203	17.7	0.0	38.8	

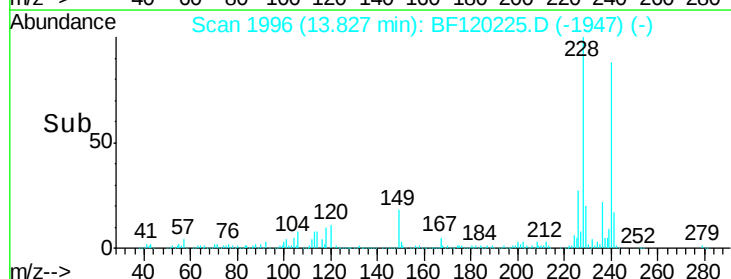
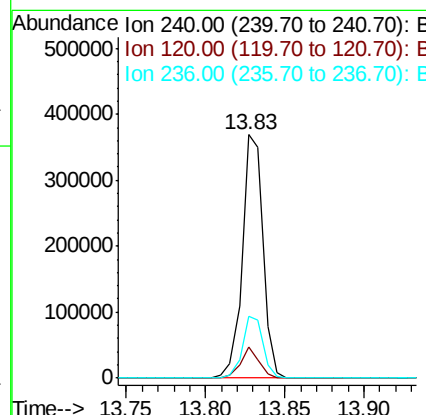
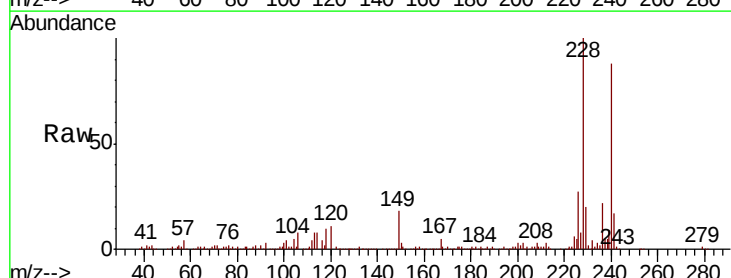
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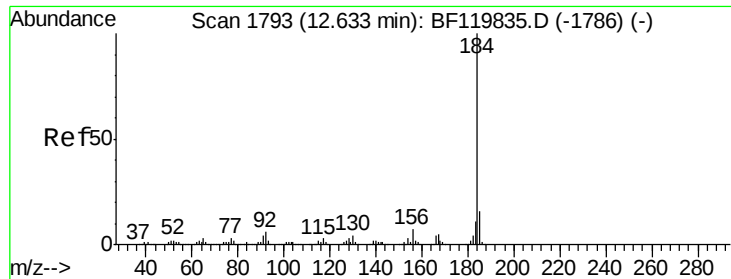
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	332099		
120	12.9	10.6	15.8	
236	25.2	20.2	30.2	





#77

Benzidine

Concen: 74.687 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

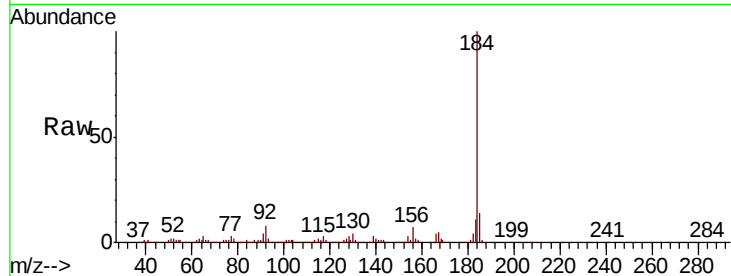
ClientSampleId :

HW-7MS

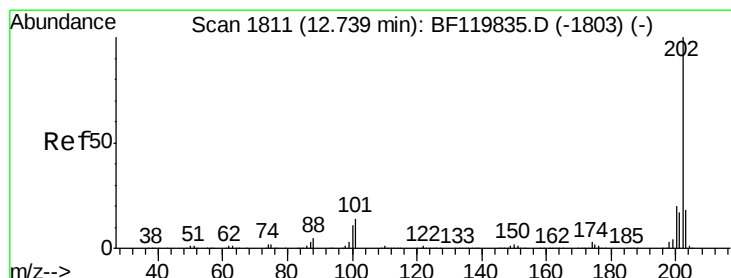
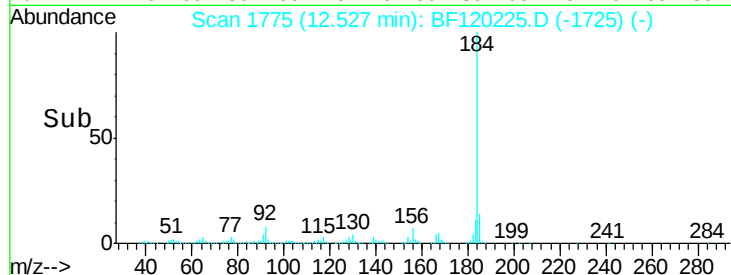
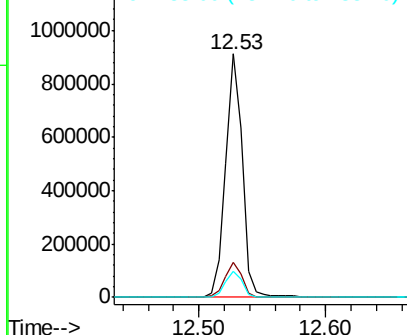
Tot Ion:	184	Resp:	838429
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.3	18.5
183	10.9	9.0	13.6

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



#78

Pyrene

Concen: 49.650 ng

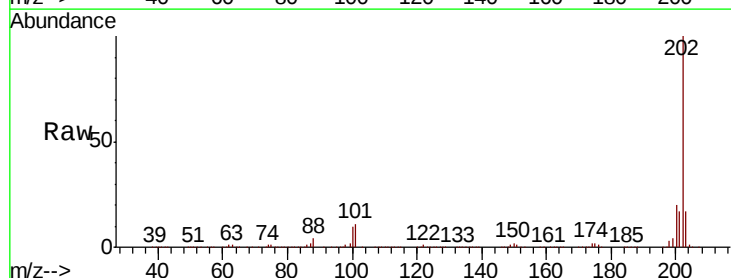
RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

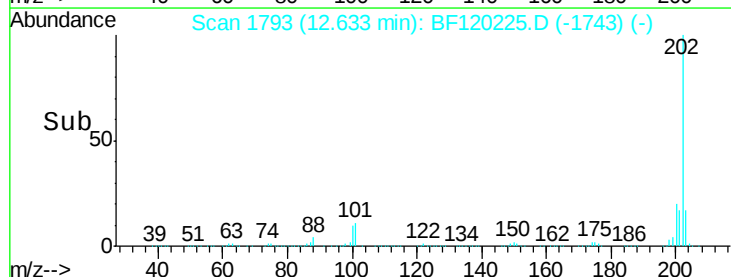
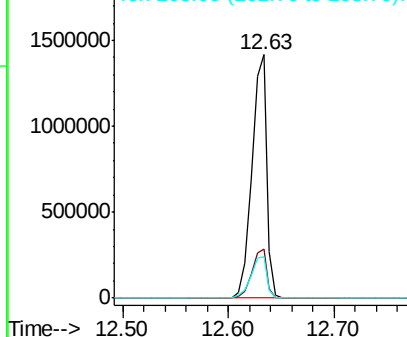
Lab File: BF120225.D

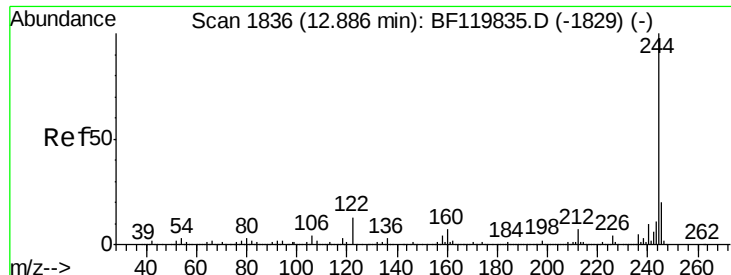
Acq: 27 Apr 2020 18:05

Tgt Ion:	202	Resp:	1390021
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.8	25.2
203	17.2	15.1	22.7



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





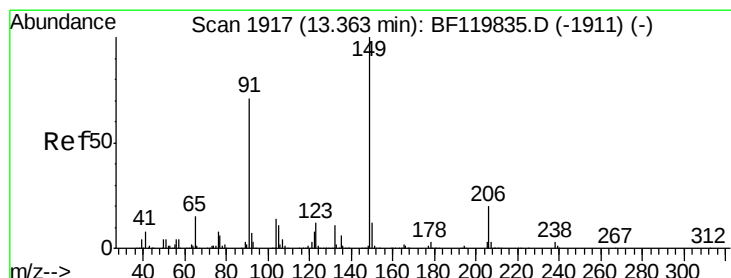
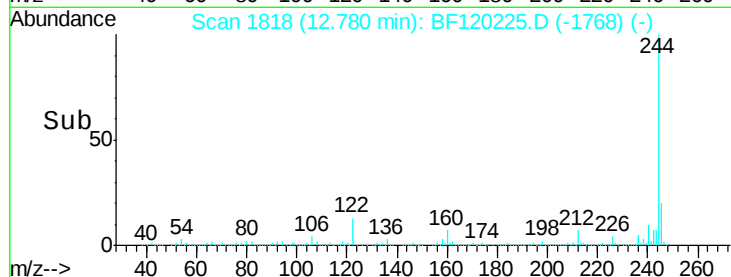
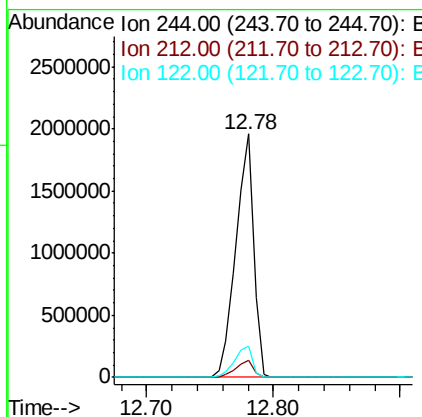
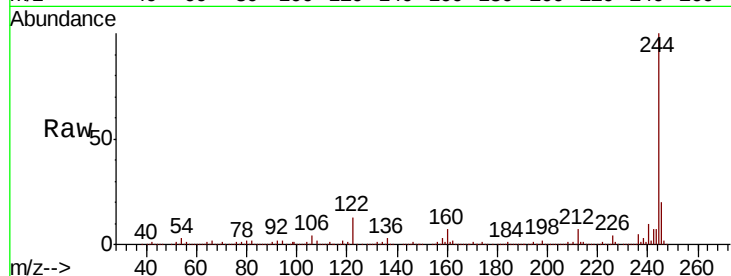
#79
 Terphenyl-d14
 Concen: 95.554 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.6	10.3	15.5

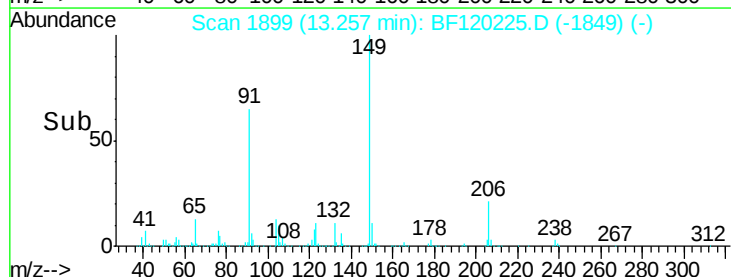
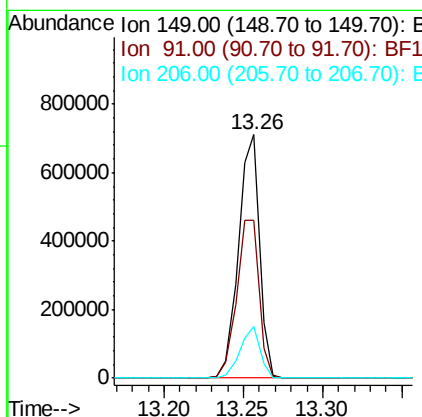
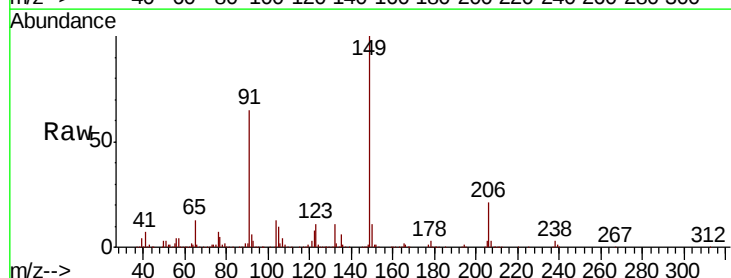
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#80
 Butylbenzylphthalate
 Concen: 48.032 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.6	54.7	82.1
206	21.2	16.2	24.2





#81

Benzo(a)anthracene

Concen: 48.442 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

HW-7MS

Tot Ion:228 Resp: 1058345

Ion Ratio Lower Upper

228 100

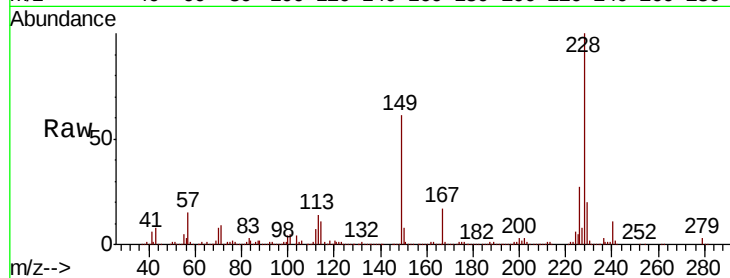
226 27.5 21.8 32.8

229 19.8 16.2 24.4

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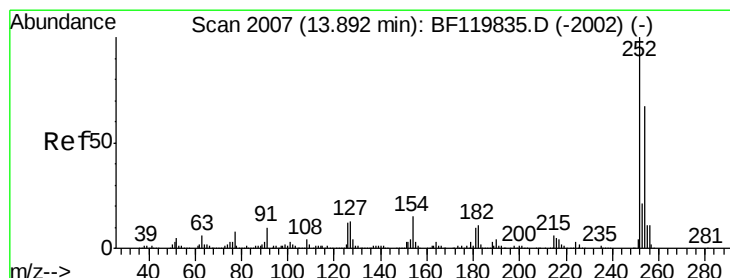
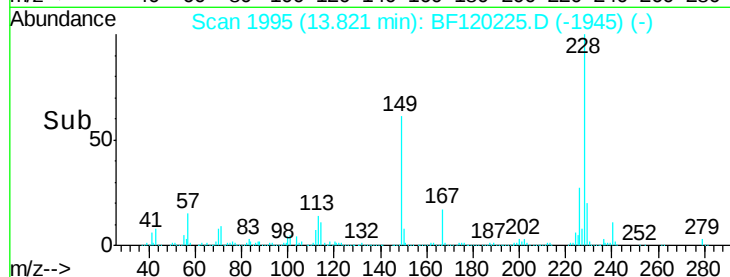
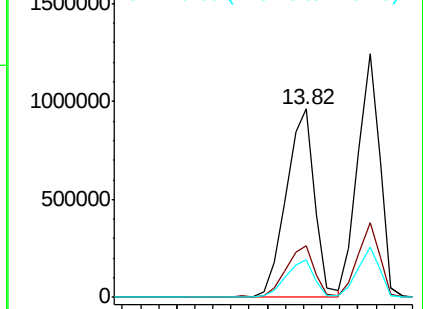
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.142 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

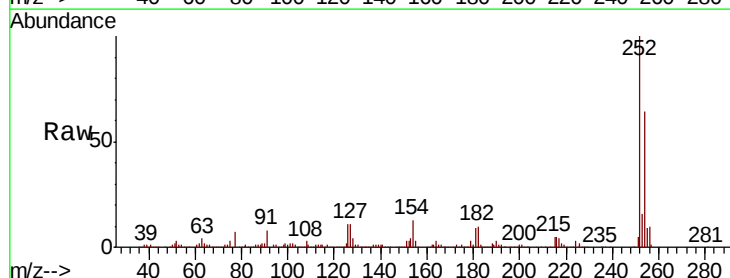
Tgt Ion:252 Resp: 367993

Ion Ratio Lower Upper

252 100

254 63.9 51.2 76.8

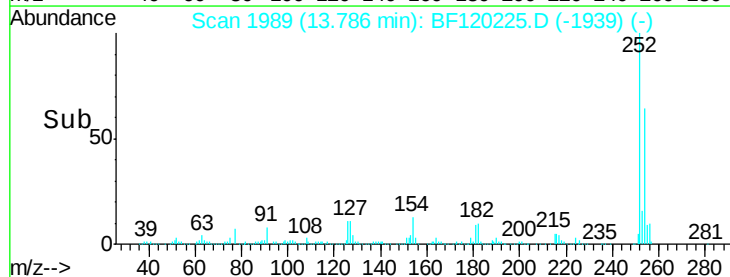
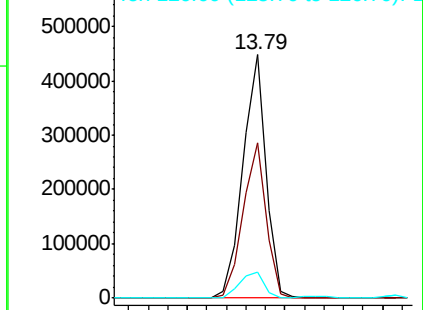
126 10.9 9.6 14.4

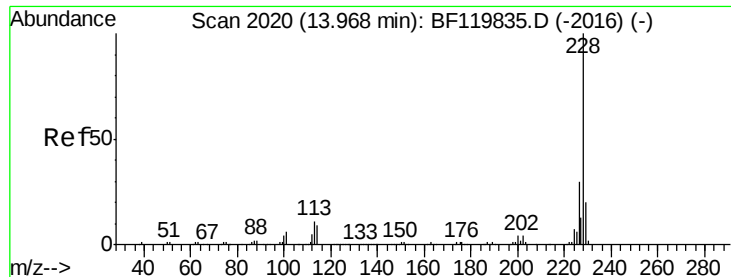


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





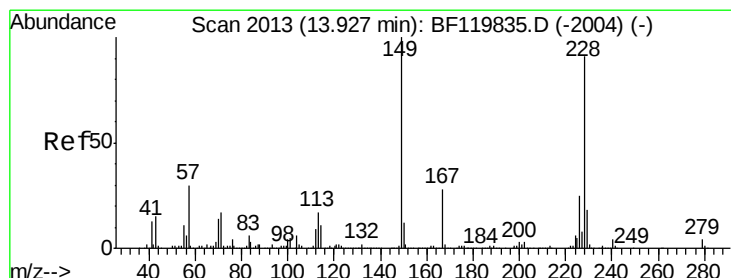
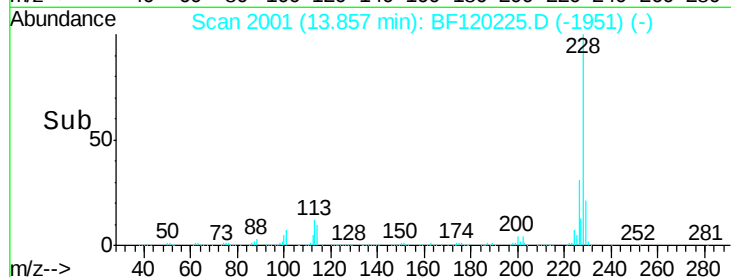
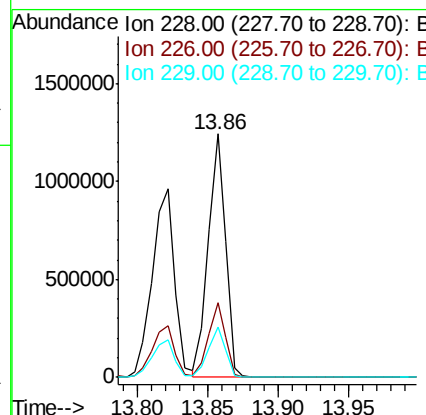
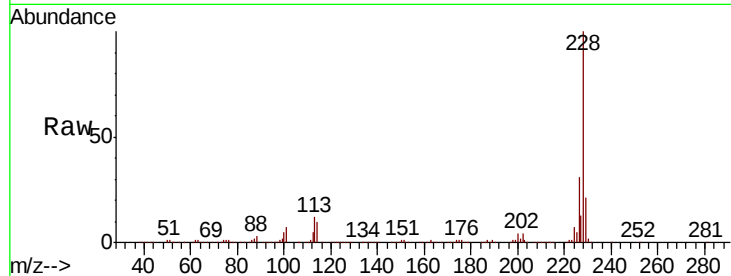
#83
 Chrvsene
 Concen: 47.918 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 HW-7MS

Tot Ion:228 Resp: 1063727
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 20.8 16.6 24.8

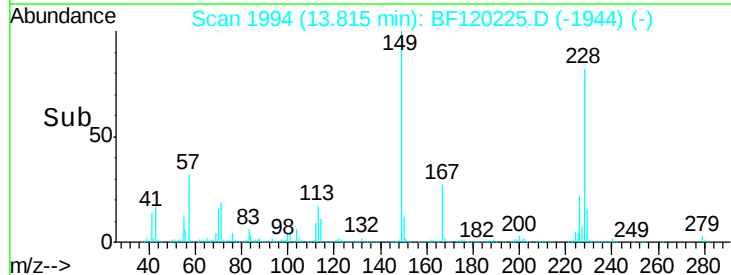
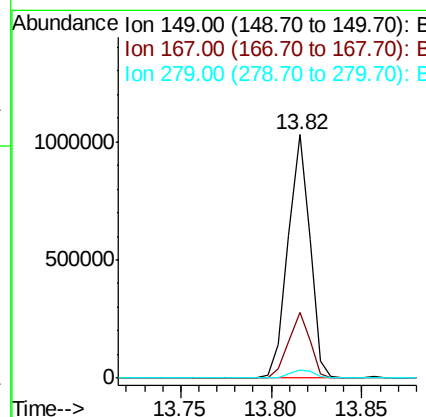
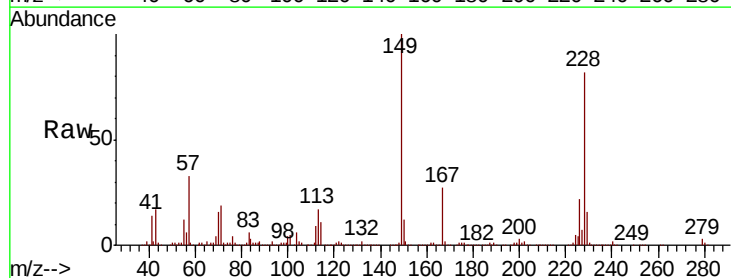
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.236 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:149 Resp: 868982
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.4 2.7 4.1





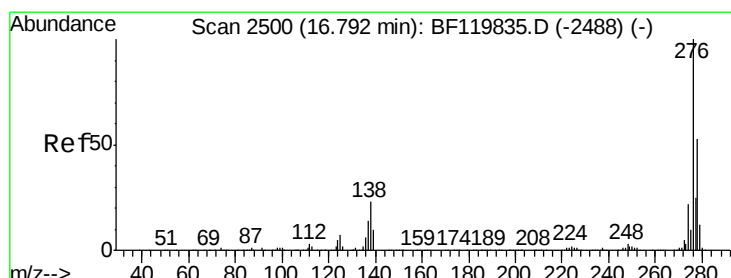
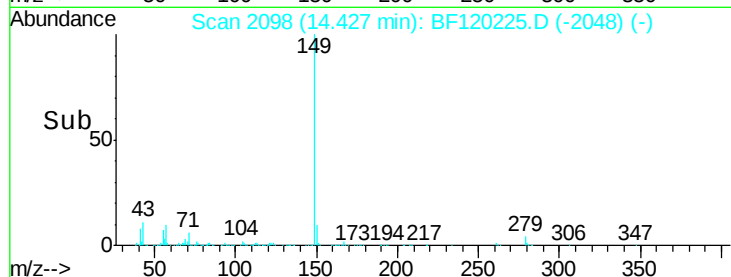
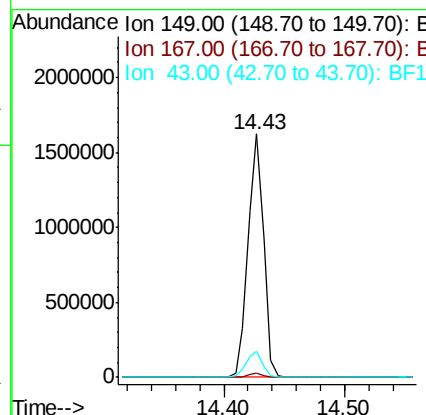
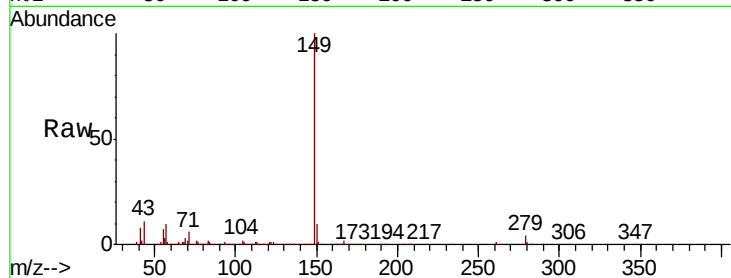
#85
Di-n-octyl phthalate
Concen: 46.746 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.3	13.9

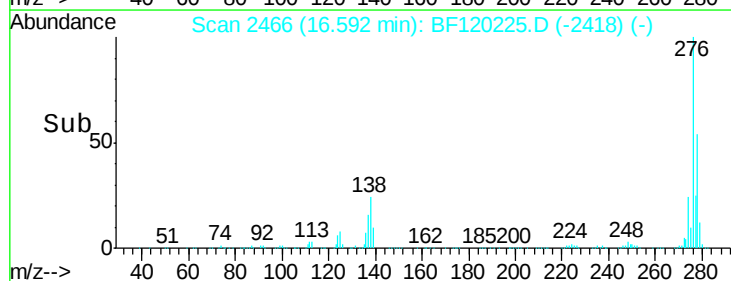
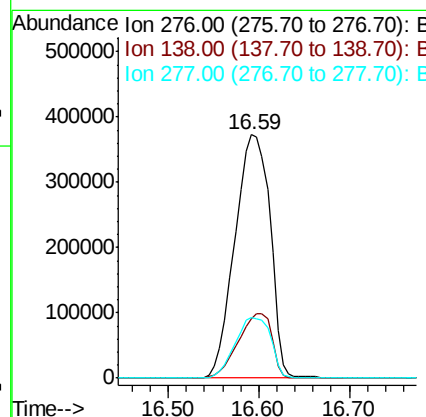
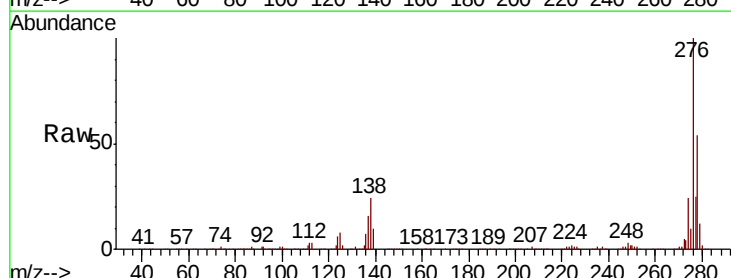
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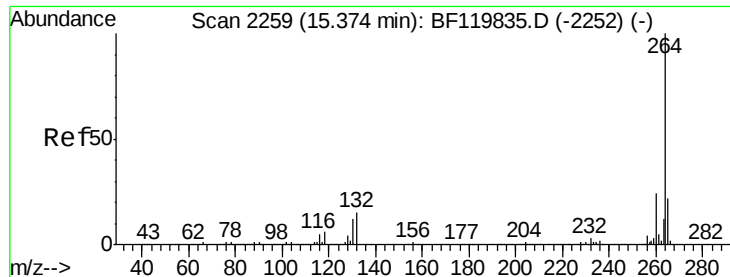
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.542 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.6	29.4
277	25.2	20.0	30.0





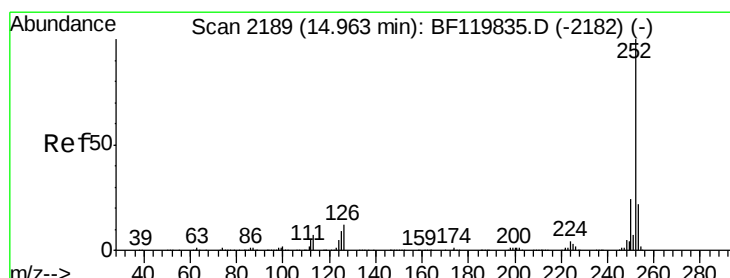
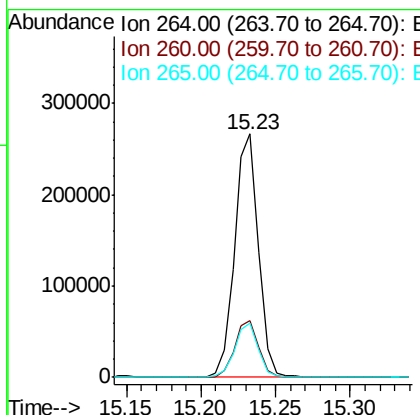
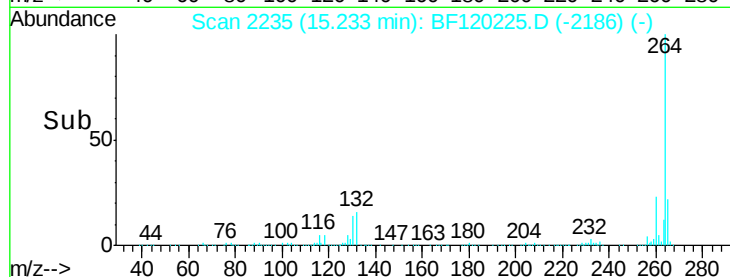
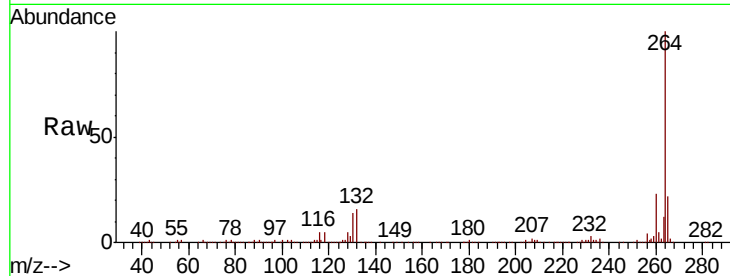
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.3	17.7	26.5

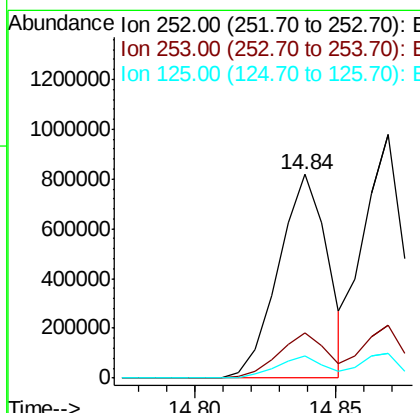
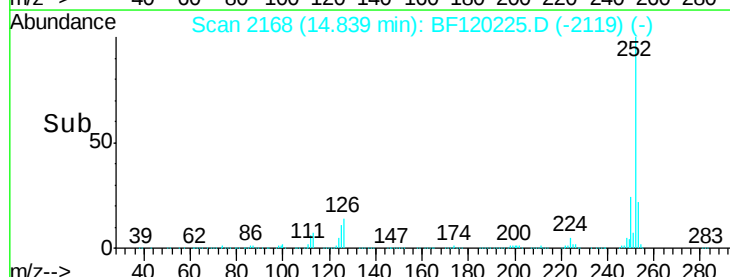
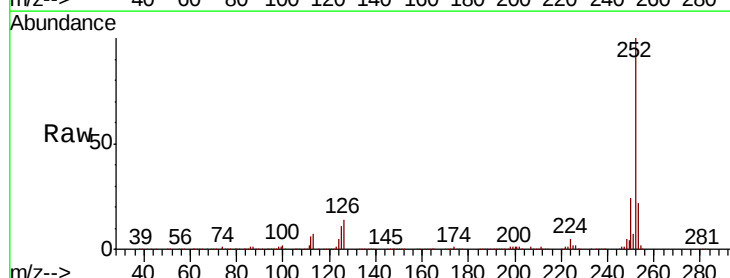
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#88
Benzo(b)fluoranthene
Concen: 46.434 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.6	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 51.319 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

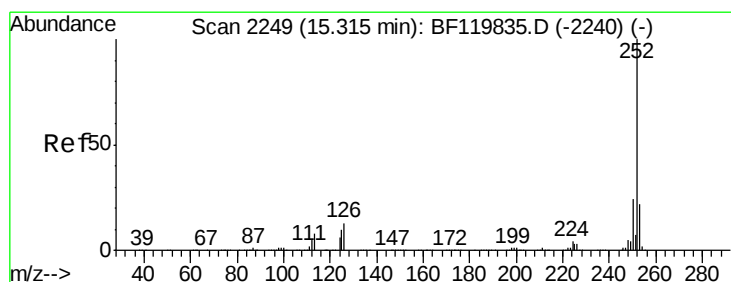
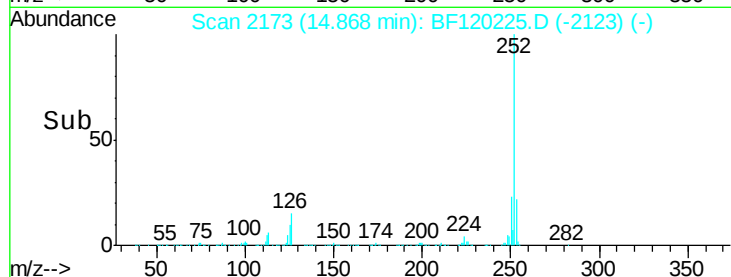
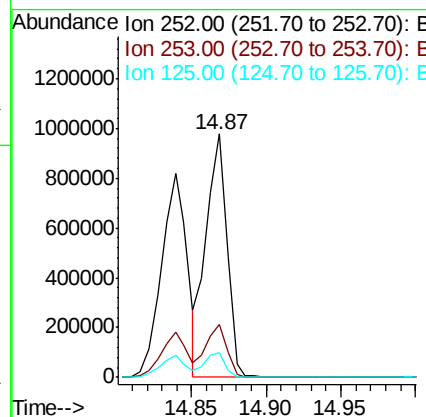
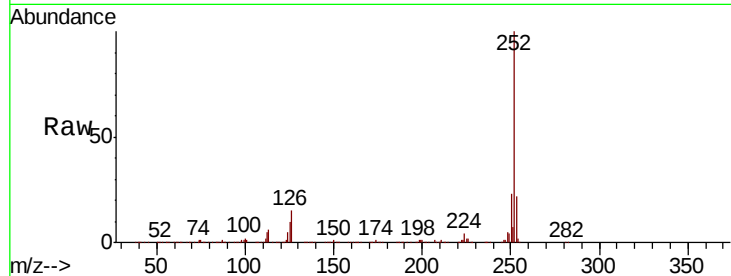
ClientSampleId :

HW-7MS

Tot Ion:	252	Resp:	942234
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	10.3	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 48.259 ng

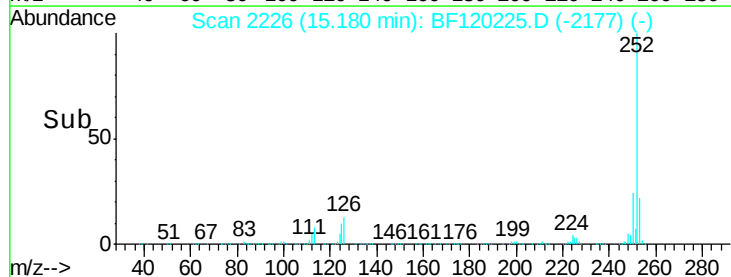
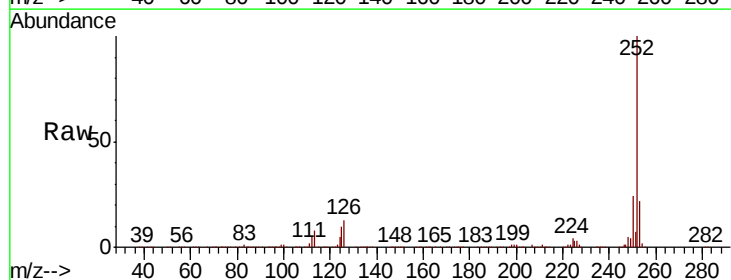
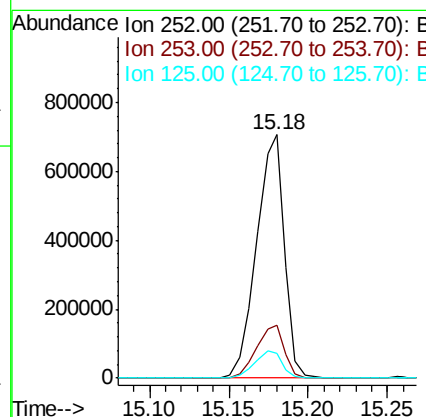
RT: 15.18 min Scan# 2226

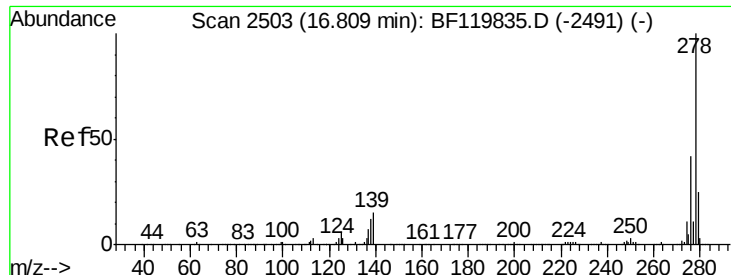
Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Tgt Ion:	252	Resp:	863433
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.2
125	10.3	9.4	14.2





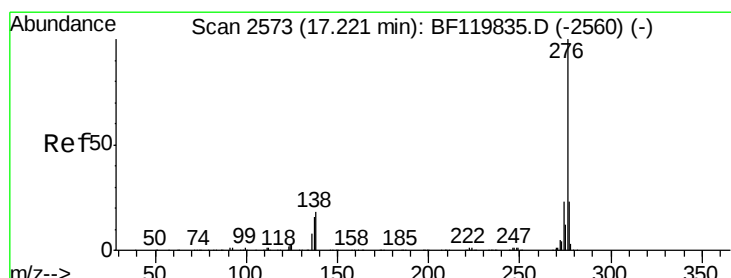
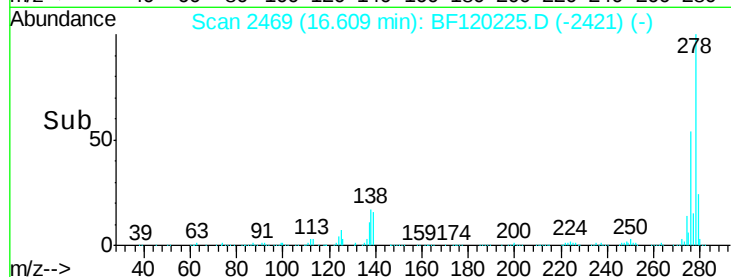
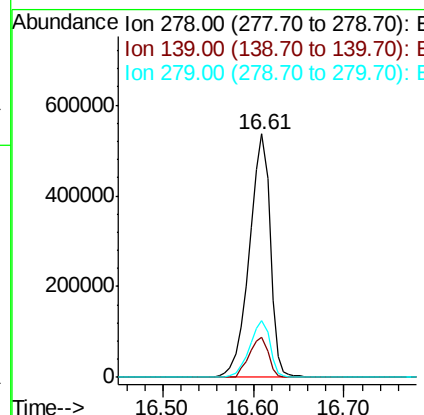
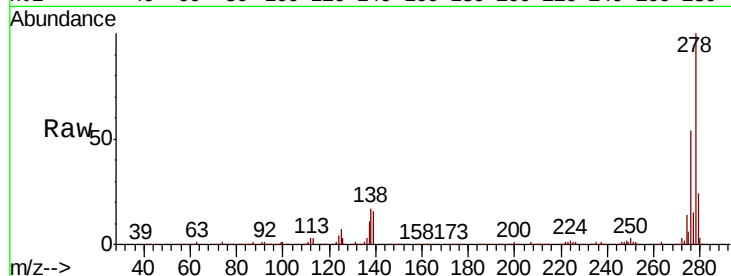
#91
Dibenzo(a,h)anthracene
Concen: 53.821 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :
HW-7MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	19.0
279	23.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/28/2020 11:08:35 PM



#92
Benzo(g,h,i)perylene
Concen: 53.684 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	20.7	15.4	23.0

