

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119388.D
 Acq On : 12 Mar 2020 19:03
 Operator : CG/JU
 Sample : L1752-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Manual Integrations
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Quant Time: Mar 13 02:52:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120645	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	474361	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	265673	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	496383	20.00	ng	0.00
76) Chrysene-d12	13.90	240	324078	20.00	ng	0.01
87) Perylene-d12	15.33	264	279956	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	863097	119.56	ng	0.02
7) Phenol-d6	6.39	99	966119	110.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	724398	80.63	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	390332	112.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1425514	79.05	ng	0.00
79) Terphenyl-d14	12.83	244	1740053	92.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	115198	35.840	ng	# 86
3) Pyridine	3.34	79	181372	20.662	ng	97
4) n-Nitrosodimethylamine	3.22	42	117757	44.284	ng	90
6) Aniline	6.40	93	100439	9.271	ng	# 29
8) 2-Chlorophenol	6.52	128	357836	45.930	ng	99
9) Benzaldehyde	6.28	77	246535	42.028	ng	97
10) Phenol	6.40	94	358072	37.721	ng	78
11) bis(2-Chloroethyl)ether	6.46	93	326915	45.010	ng	99
12) 1,3-Dichlorobenzene	6.66	146	386333	41.373	ng	96
13) 1,4-Dichlorobenzene	6.74	146	393877	42.152	ng	99
14) 1,2-Dichlorobenzene	6.89	146	359953	42.238	ng	98
15) Benzyl Alcohol	6.89	79	303643	47.852	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	257229	40.884	ng	# 42
17) 2-Methylphenol	7.00	107	282998	44.803	ng	94
18) Hexachloroethane	7.23	117	140261	41.956	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	249209	48.712	ng	96
20) 3+4-Methylphenols	7.16	107	380202	49.131	ng	# 85
22) Acetophenone	7.14	105	488238	44.484	ng	# 95
24) Nitrobenzene	7.31	77	378585	42.612	ng	96
25) Isophorone	7.55	82	677090	43.396	ng	99
26) 2-Nitrophenol	7.63	139	198527	42.174	ng	99
27) 2,4-Dimethylphenol	7.67	122	310807	48.649	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	405822	39.960	ng	98
29) 2,4-Dichlorophenol	7.89	162	314187	41.774	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	340550	38.190	ng	98
31) Naphthalene	8.03	128	1035204	42.079	ng	98
32) Benzoic acid	7.86	122	146209	33.679	ng	96
33) 4-Chloroaniline	8.10	127	84181	7.956	ng	97
34) Hexachlorobutadiene	8.14	225	209192	37.661	ng	98
35) Caprolactam	8.47	113	74010m	31.958	ng	
36) 4-Chloro-3-methylphenol	8.59	107	338478	44.468	ng	100
37) 2-Methylnaphthalene	8.72	142	714029	43.129	ng	97
38) 1-Methylnaphthalene	8.82	142	670074	43.036	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	353218	39.433	ng	99

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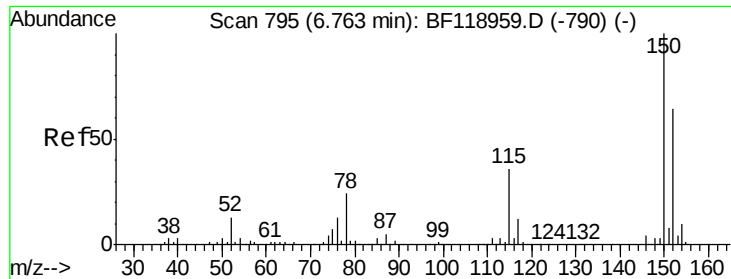
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	103382	37.379	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	217806	38.505	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	223463	37.647	nq	99
46) 1,1'-Biphenyl	9.18	154	869880	40.513	nq	98
47) 2-Chloronaphthalene	9.21	162	689550	39.851	nq	98
48) 2-Nitroaniline	9.32	65	198698	41.171	nq	96
49) Acenaphthylene	9.62	152	1049046	41.977	nq	99
50) Dimethylphthalate	9.49	163	899083	44.256	nq	100
51) 2,6-Dinitrotoluene	9.56	165	187550	41.553	nq #	72
52) Acenaphthene	9.79	154	631618	41.915	nq	99
53) 3-Nitroaniline	9.75	138	45258	9.045	nq #	98
54) 2,4-Dinitrophenol	9.86	184	156513	72.156	nq	91
55) Dibenzofuran	9.97	168	932654	41.466	nq	99
56) 4-Nitrophenol	9.93	139	74229m	24.691	nq	
57) 2,4-Dinitrotoluene	9.97	165	241749	41.322	nq	97
58) Fluorene	10.31	166	766592	43.862	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	207178	41.365	nq	98
60) Diethylphthalate	10.19	149	811595	42.392	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	394695	42.664	nq	100
62) 4-Nitroaniline	10.36	138	160677	31.386	nq	96
63) Azobenzene	10.46	77	737841	44.339	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	122127	40.659	nq	98
66) n-Nitrosodiphenylamine	10.42	169	686271	42.223	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	256562	39.542	nq	99
68) Hexachlorobenzene	10.87	284	295084	39.446	nq	96
69) Atrazine	10.96	200	223883	39.425	nq	97
70) Pentachlorophenol	11.07	266	181951	60.380	nq	99
71) Phenanthrene	11.27	178	1123079	41.487	nq	98
72) Anthracene	11.33	178	1177841	43.547	nq	98
73) Carbazole	11.49	167	1022066	42.416	nq	99
74) Di-n-butylphthalate	11.80	149	1218397	41.754	nq	99
75) Fluoranthene	12.47	202	1194125	41.557	nq	98
77) Benzidine	12.59	184	270166	20.498	nq	97
78) Pyrene	12.69	202	1184820	45.530	nq	99
80) Butylbenzylphthalate	13.30	149	466942	42.634	nq	99
81) Benzo(a)anthracene	13.89	228	955527	43.273	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	133196	15.534	nq	99
83) Chrysene	13.92	228	937814	42.623	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	592200	42.799	nq #	97
85) Di-n-octyl phthalate	14.47	149	849497	38.533	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	794437	37.290	nq	99
88) Benzo(b)fluoranthene	14.92	252	759013	41.132	nq	100
89) Benzo(k)fluoranthene	14.95	252	825395	48.266	nq	99
90) Benzo(a)pyrene	15.27	252	700317	42.050	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	661769	45.160	nq	100
92) Benzo(g,h,i)perylene	17.18	276	672219	46.428	nq	99

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



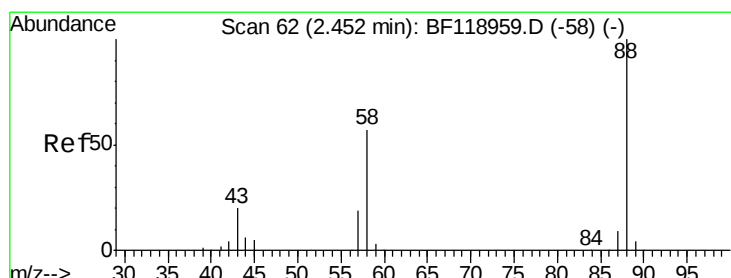
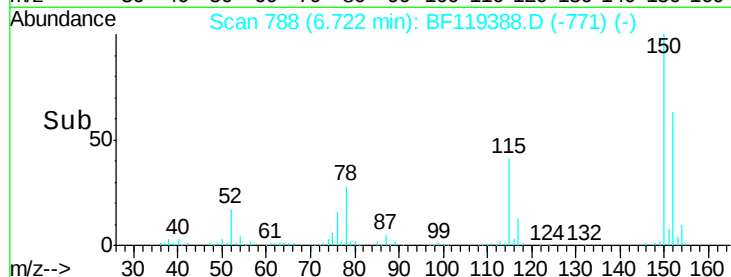
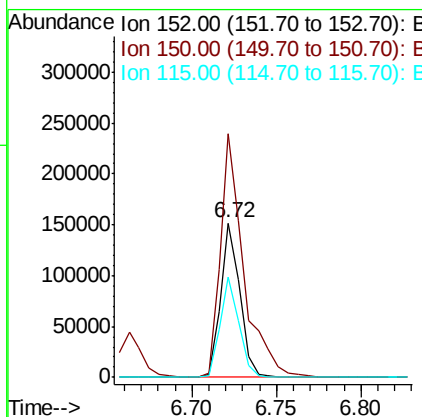
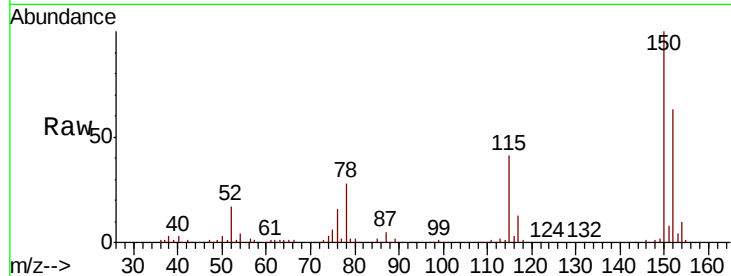
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.6
115	64.9	49.5	74.3

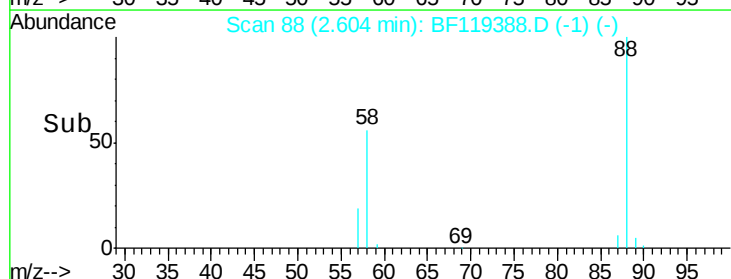
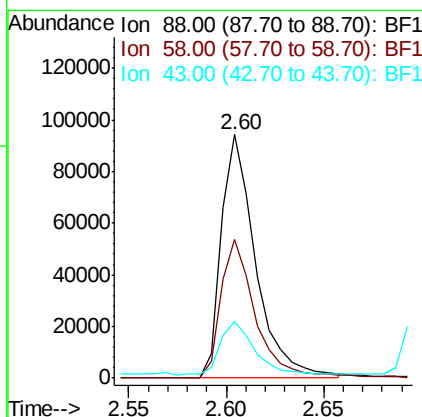
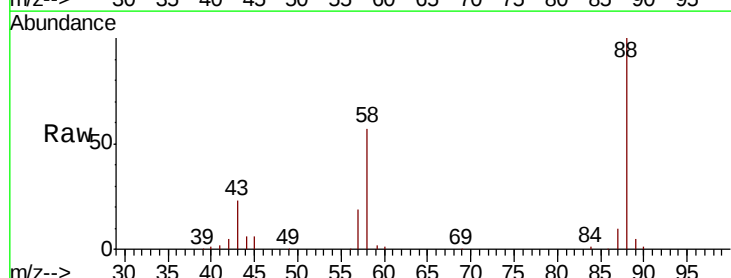
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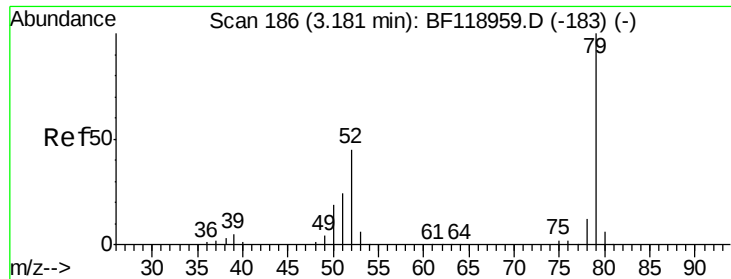
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#2
 1,4-Dioxane
 Concen: 35.840 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.22 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.8	43.8	65.6
43	0.0	16.2	24.4





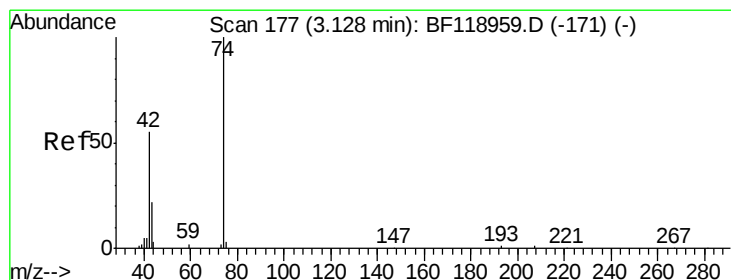
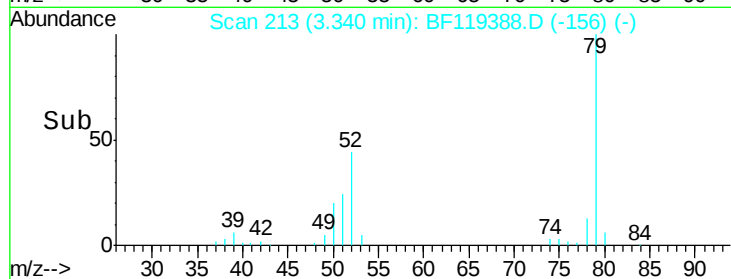
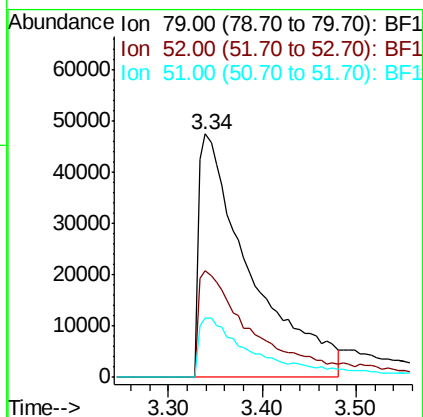
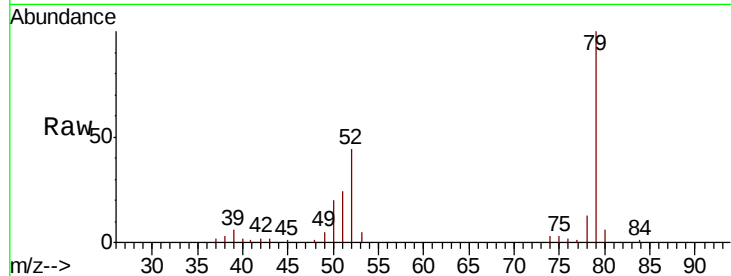
#3
 Pvridine
 Concen: 20.662 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.24 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	43.8	37.4	56.0	
51	24.3	19.8	29.6	

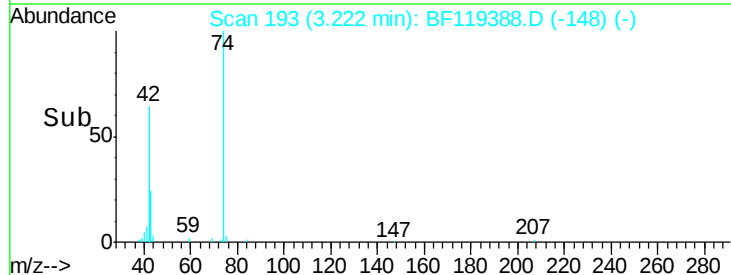
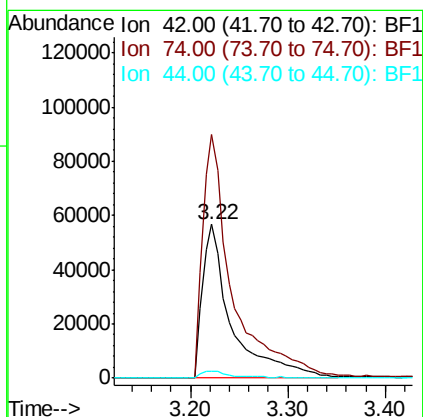
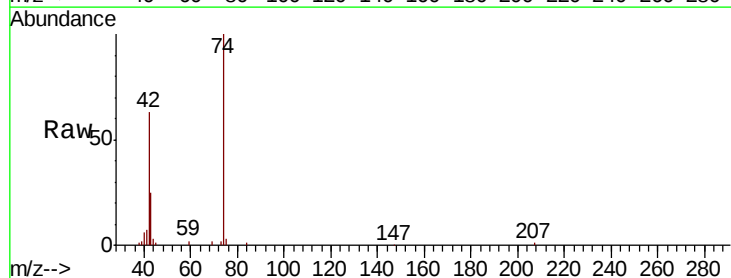
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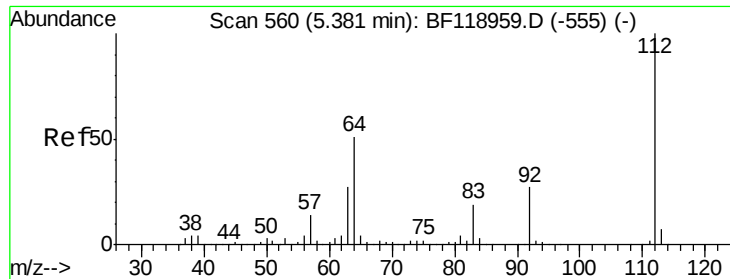
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#4
 n-Nitrosodimethylamine
 Concen: 44.284 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.16 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	158.1	137.7	206.5	
44	4.6	4.5	6.7	





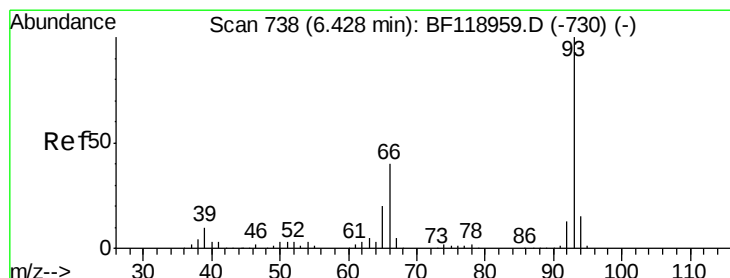
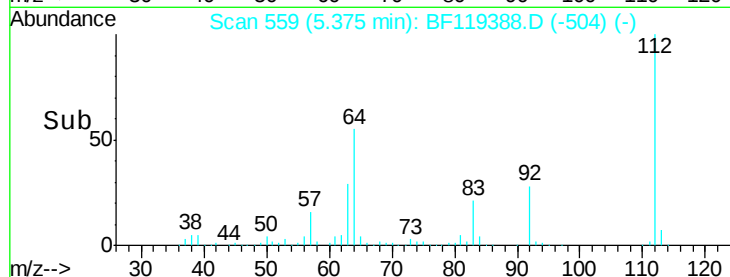
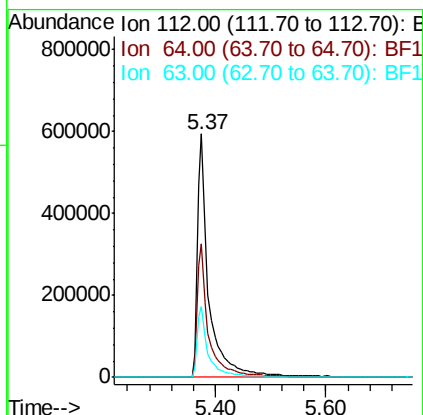
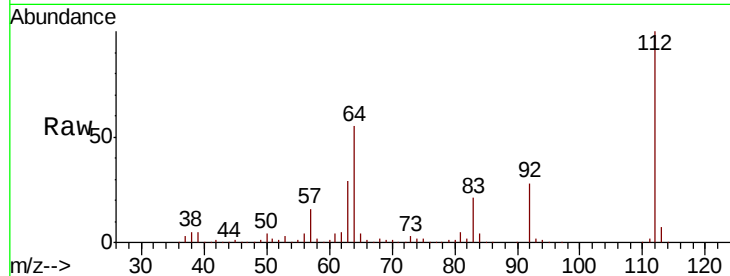
#5
2-Fluorophenol
Concen: 119.556 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
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ClientSampleId :
HD-01-031120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		863097		
64	54.9	45.0	67.4		
63	29.1	24.2	36.4		

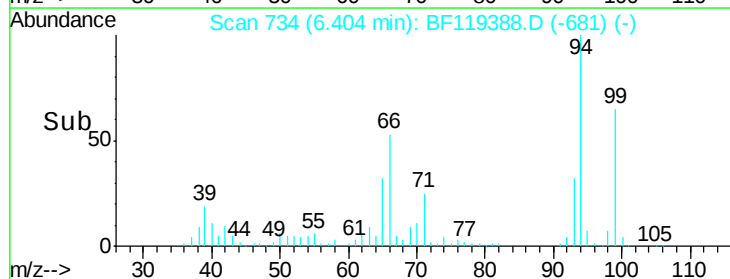
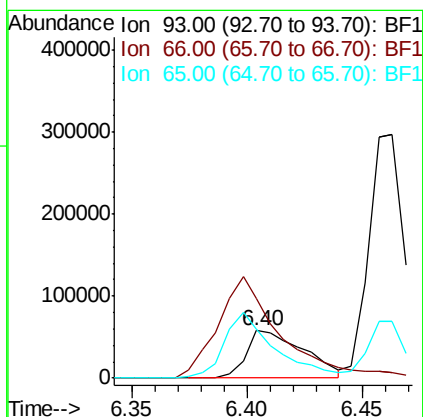
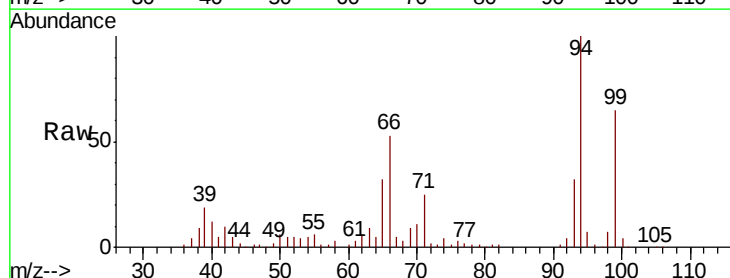
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#6
Aniline
Concen: 9.271 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		100439		
66	166.7	74.5	111.7#		
65	102.7	45.3	67.9#		





#7

Phenol-d6

Concen: 110.038 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

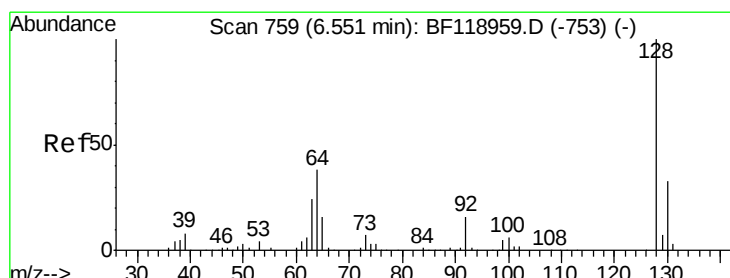
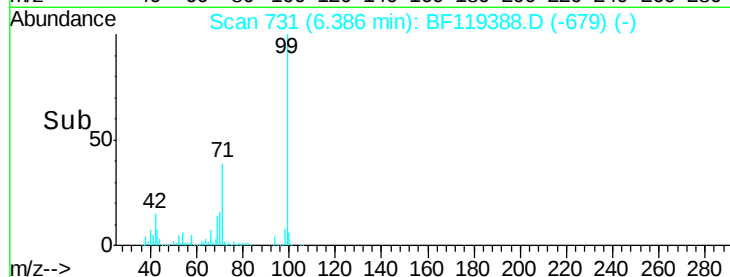
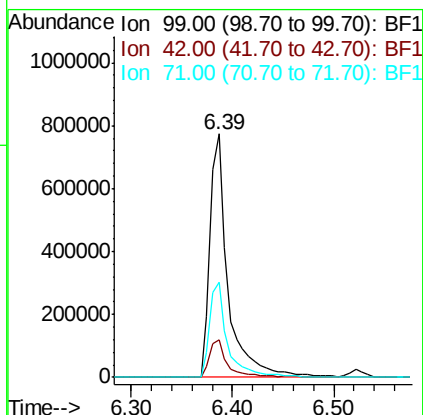
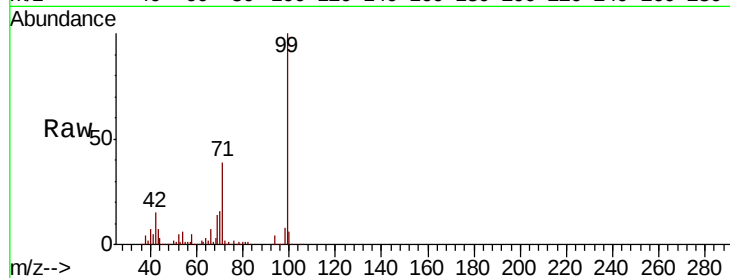
ClientSampleId :

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Tot Ion:	99	Resp:	966119
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.6	18.8
71	39.2	31.0	46.4

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#8

2-Chlorophenol

Concen: 45.930 ng

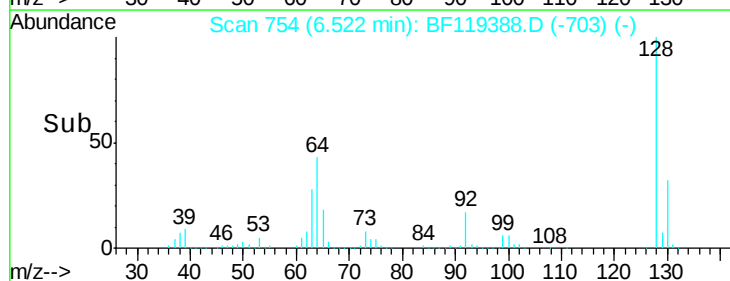
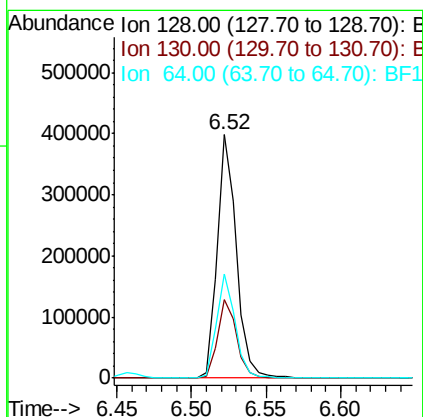
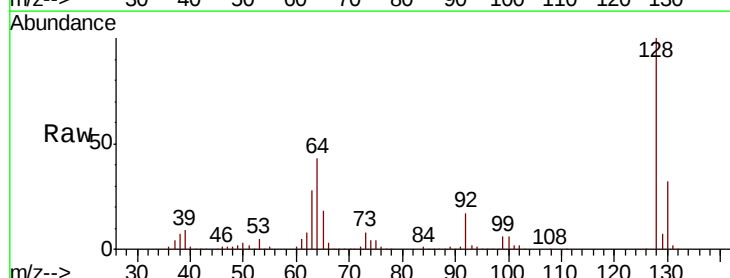
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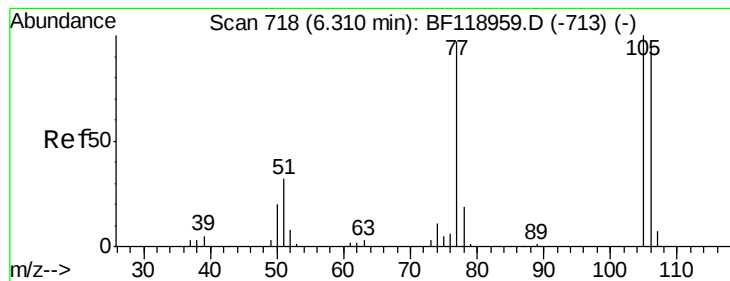
Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:	128	Resp:	357836
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.7	52.7
64	42.9	22.3	62.3





#9

Benzaldehyde

Concen: 42.028 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

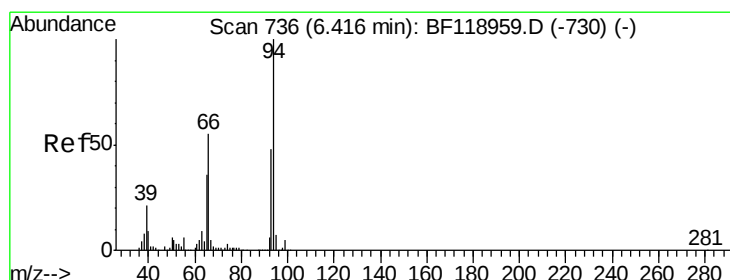
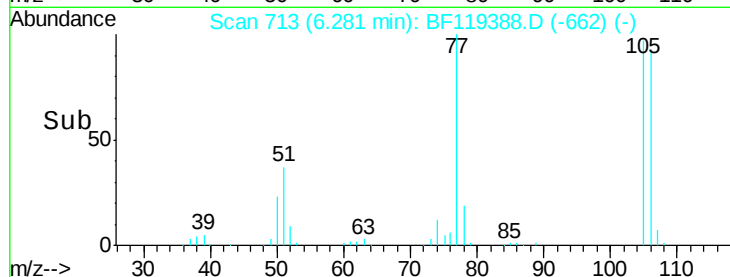
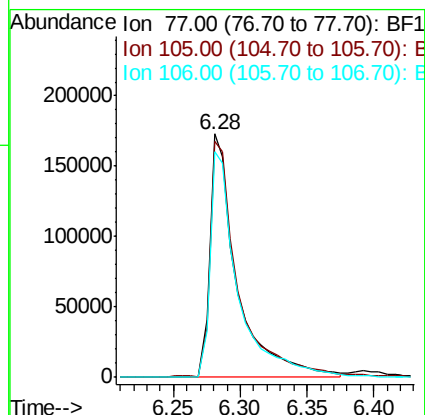
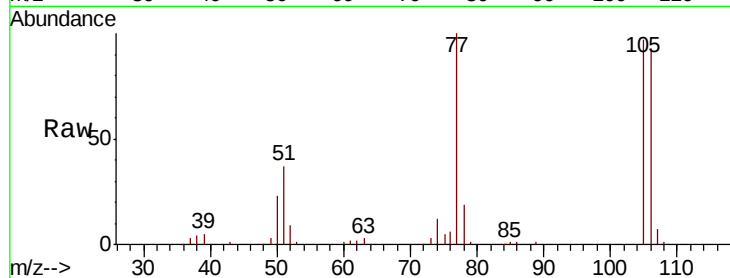
ClientSampleId :

HD-01-031120MS

Tot Ion:	77	Resp:	246535
Ion Ratio	Lower	Upper	
77	100		
105	96.7	80.1	120.1
106	92.9	75.9	115.9

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#10

Phenol

Concen: 37.721 ng

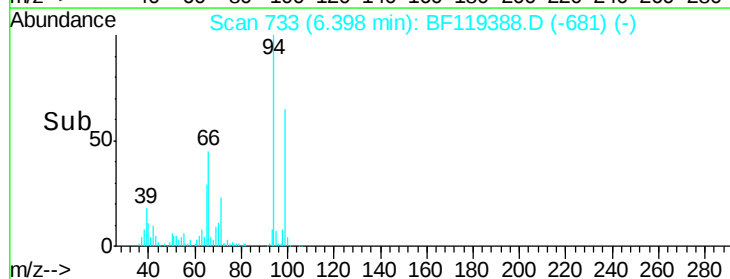
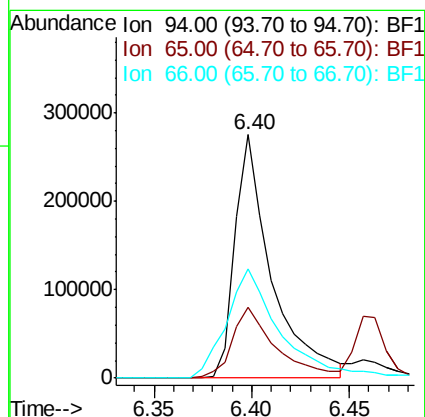
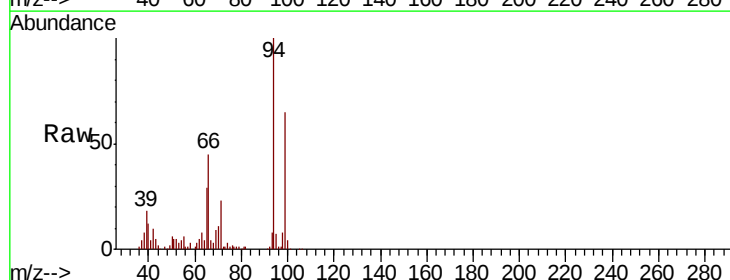
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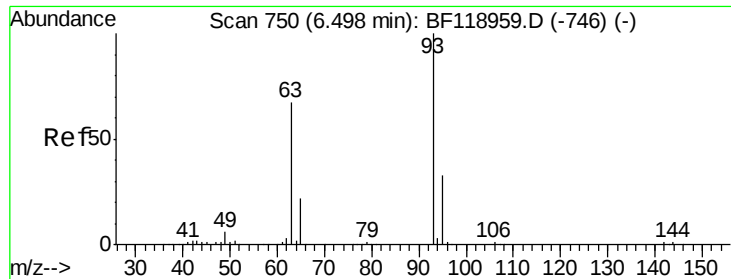
Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:	94	Resp:	358072
Ion Ratio	Lower	Upper	
94	100		
65	29.0	19.2	59.2
66	44.7	44.4	84.4





#11

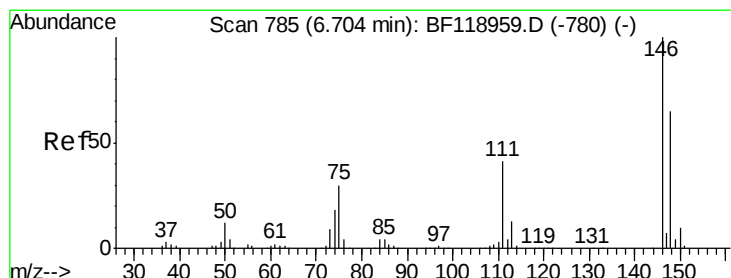
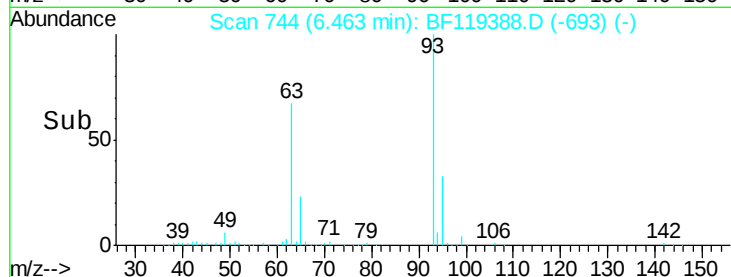
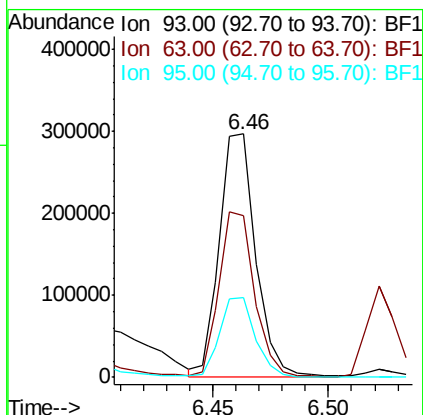
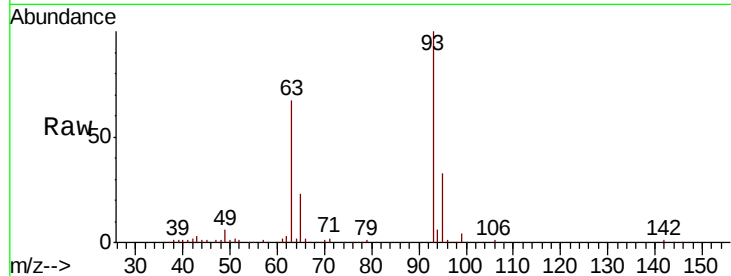
bis(2-Chloroethyl)ether
Concen: 45.010 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.5	45.4	85.4
95	32.6	13.5	53.5

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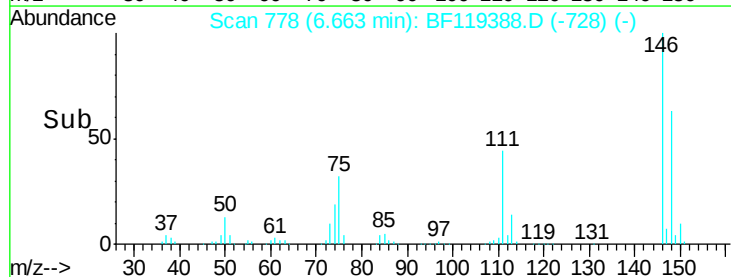
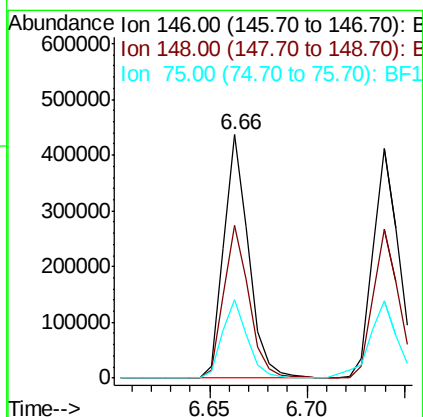
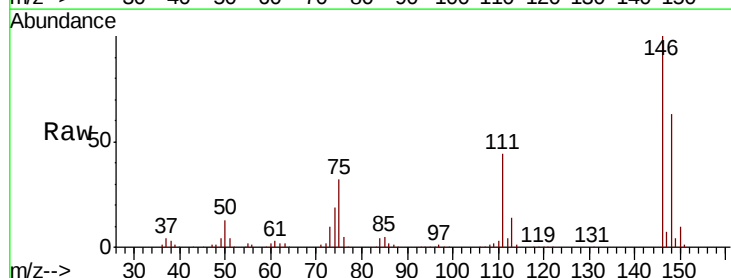
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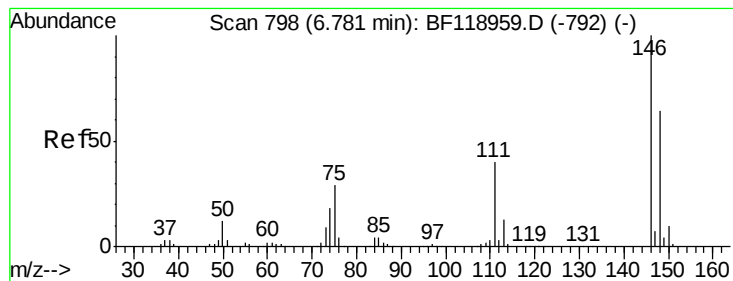


#12

1,3-Dichlorobenzene
Concen: 41.373 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.5	78.7
75	32.2	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 42.152 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

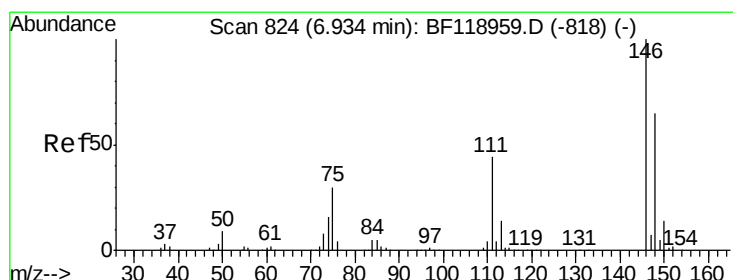
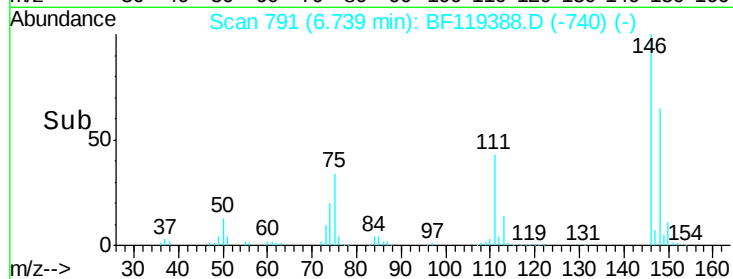
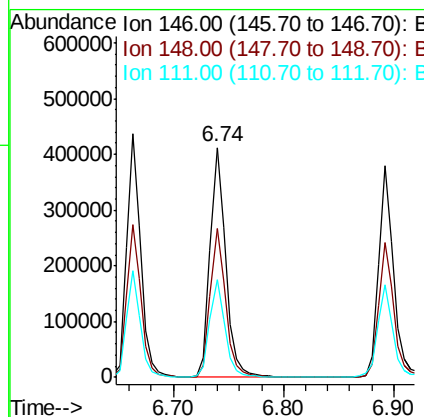
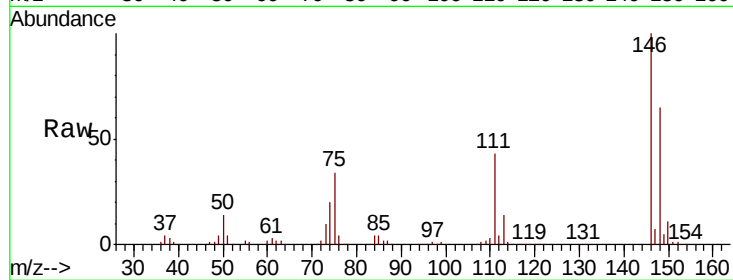
ClientSampleId :

HD-01-031120MS

Tot Ion:	146	Resp:	393877
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.1	76.7
111	42.6	34.8	52.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.238 ng

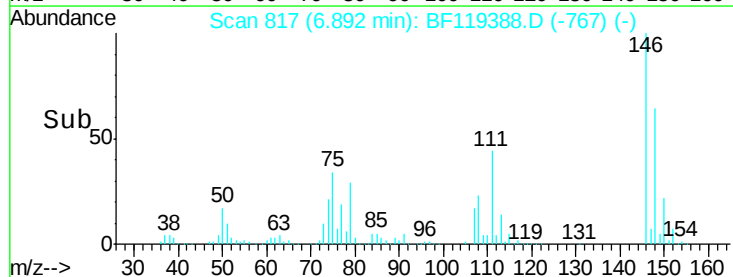
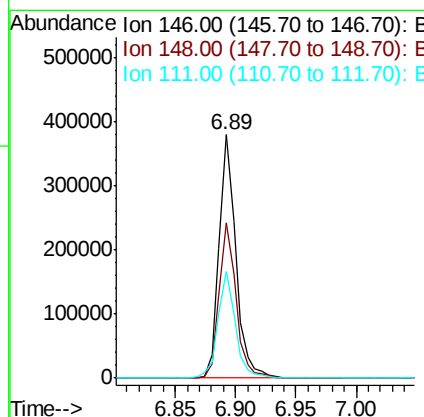
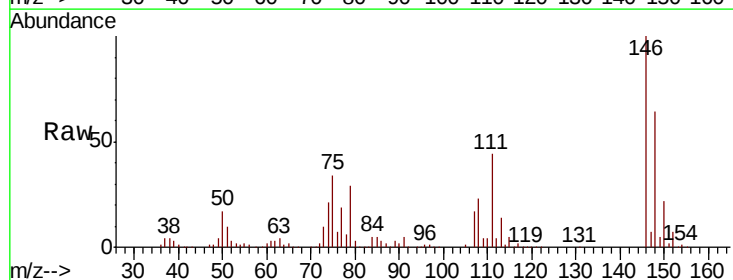
RT: 6.89 min Scan# 817

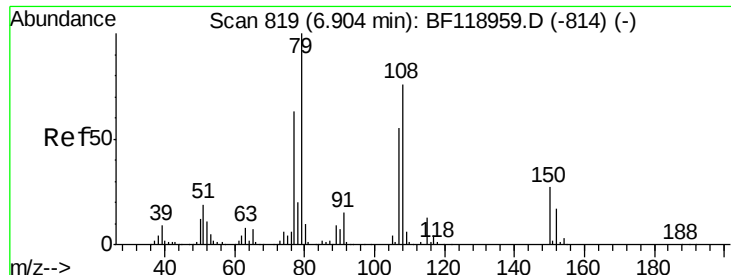
Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:	146	Resp:	359953
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	43.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 47.852 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

HD-01-031120MS

Tot Ion: 79 Resp: 303643

Ion Ratio Lower Upper

79 100

108 75.0 58.2 87.2

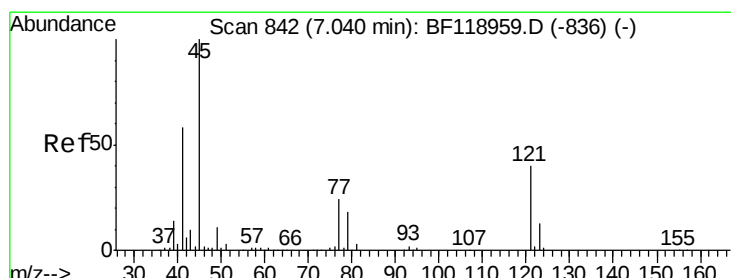
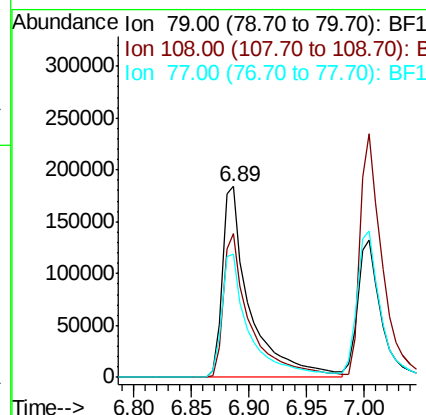
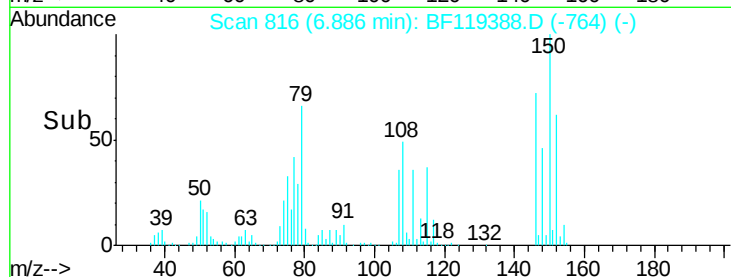
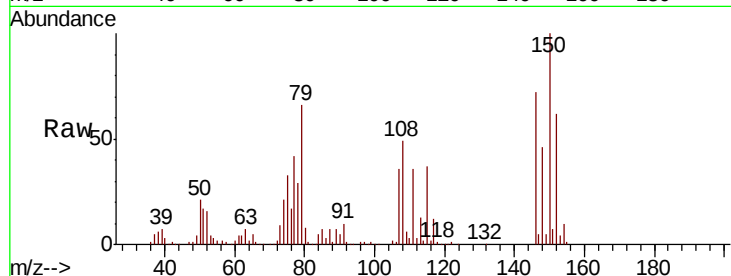
77 64.4 51.2 76.8

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.884 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

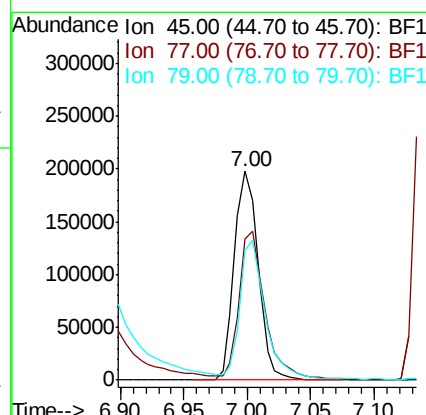
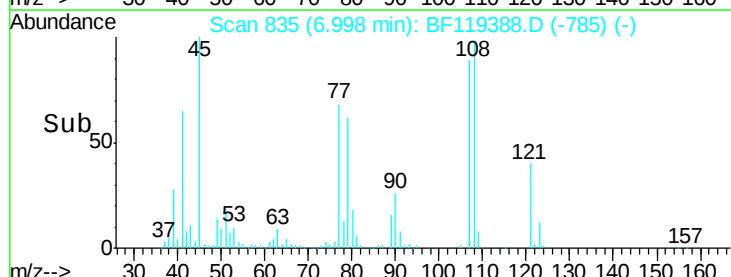
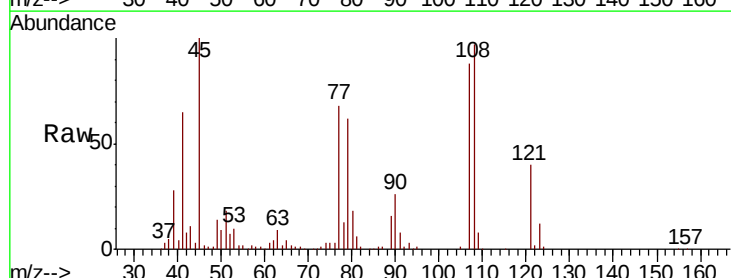
Tgt Ion: 45 Resp: 257229

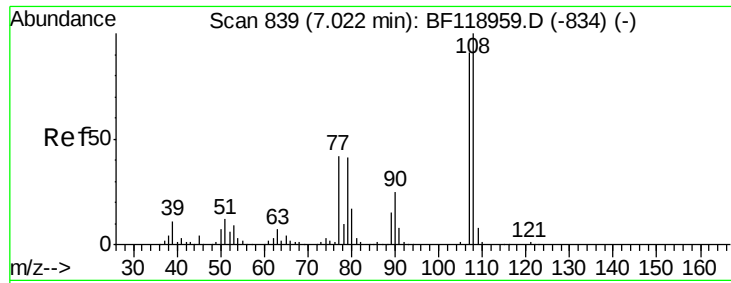
Ion Ratio Lower Upper

45 100

77 67.7 15.0 55.0#

79 61.8 9.4 49.4#





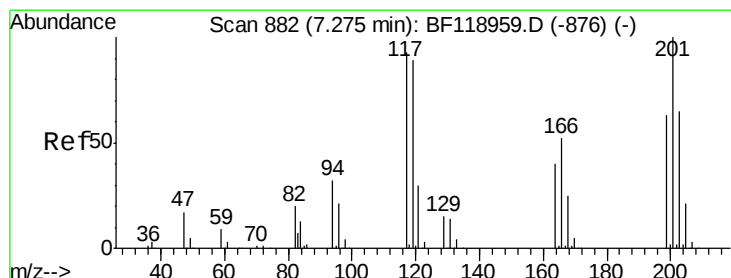
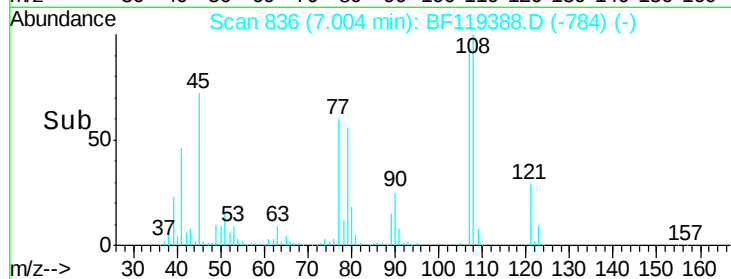
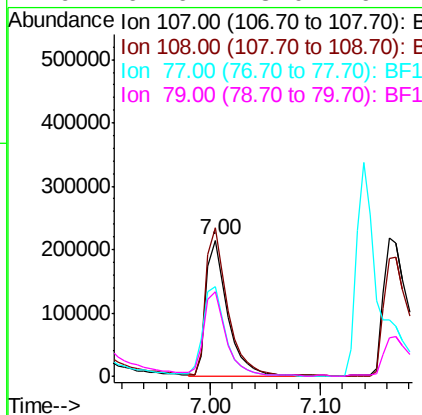
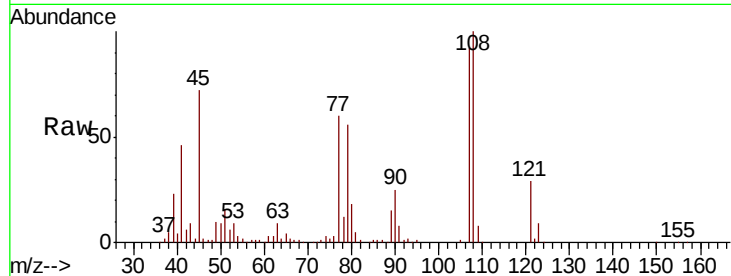
#17
2-Methylphenol
Concen: 44.803 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion:	107	Resp:	282998
Ion Ratio	Lower	Upper	
107	100		
108	109.2	87.9	131.9
77	65.7	45.3	67.9
79	61.6	43.0	64.4

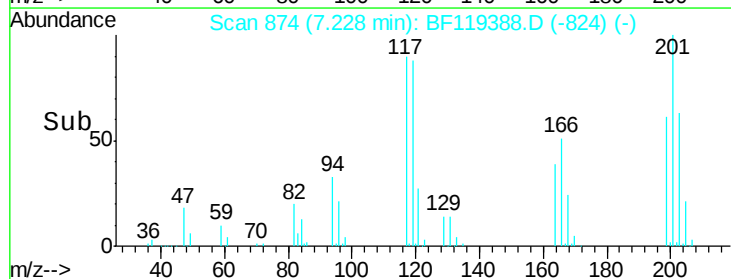
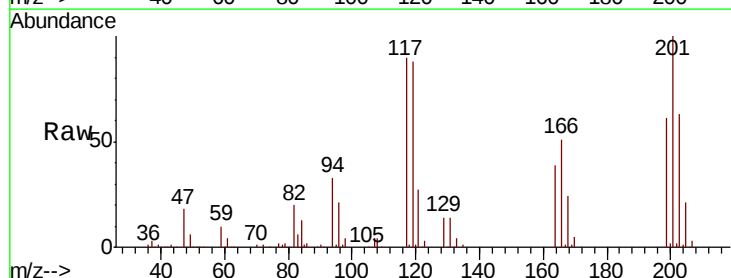
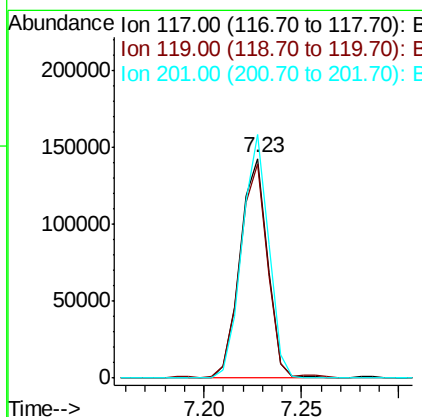
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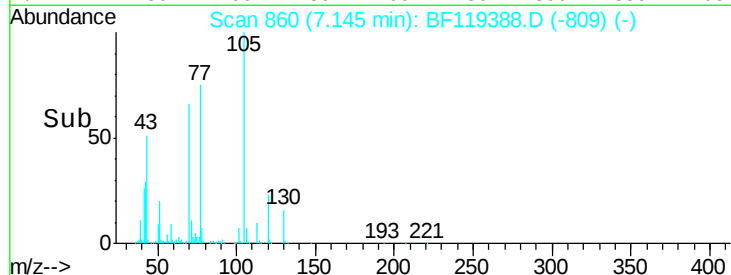
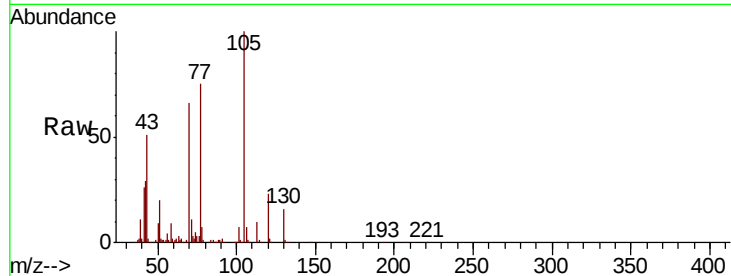
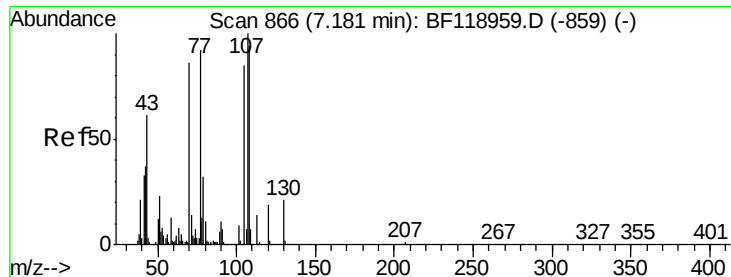
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#18
Hexachloroethane
Concen: 41.956 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:	117	Resp:	140261
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.5	116.3
201	110.8	82.6	123.8





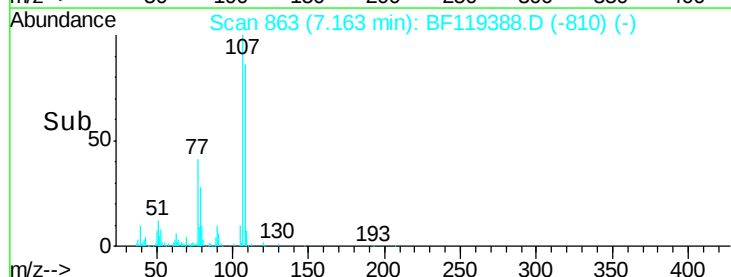
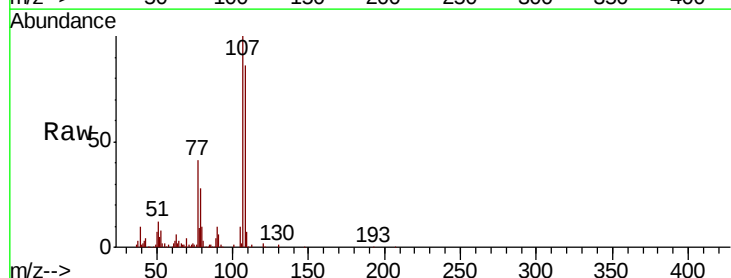
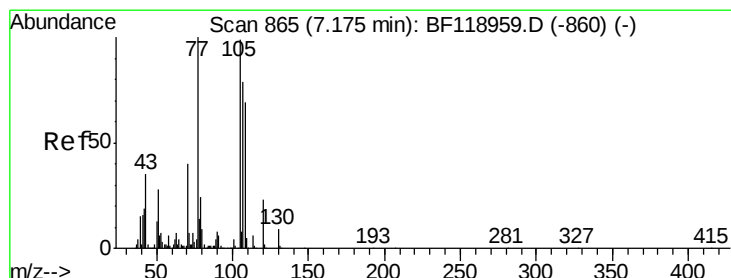
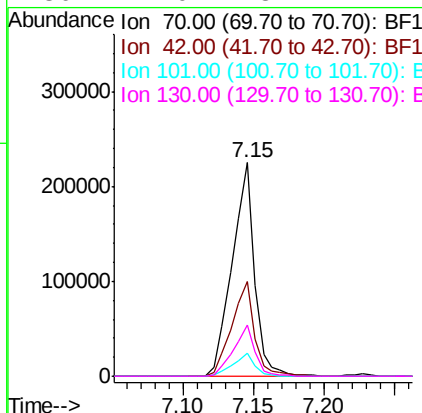
#19
n-Nitroso-di-n-propylamine
Concen: 48.712 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	38.0	57.0
101	10.5	8.2	12.4
130	24.0	18.2	27.4

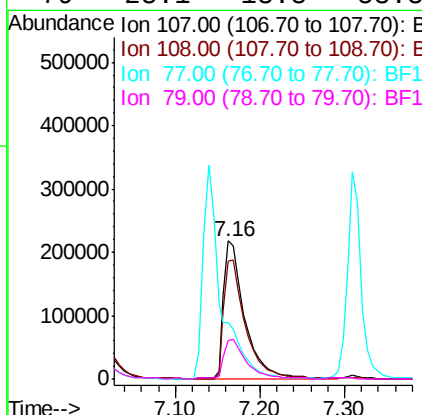
Manual Integrations
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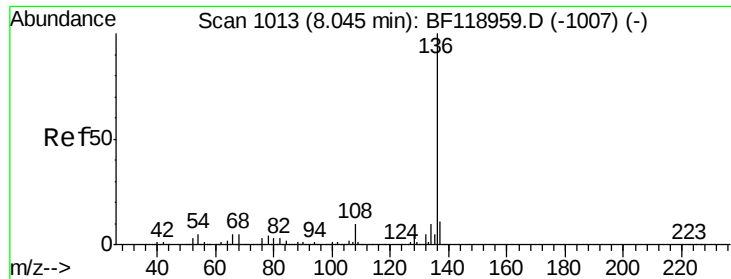
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#20
3+4-Methylphenols
Concen: 49.131 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.5	111.5
77	41.1	45.9	85.9#
79	28.1	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

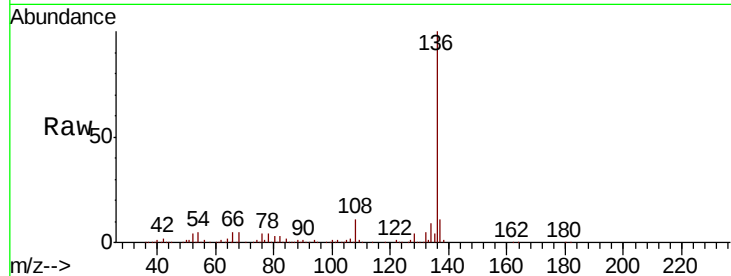
ClientSampleId :

HD-01-031120MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	474361		
137	11.1		8.8	13.2
54	5.0		3.8	5.6
68	5.0		3.9	5.9

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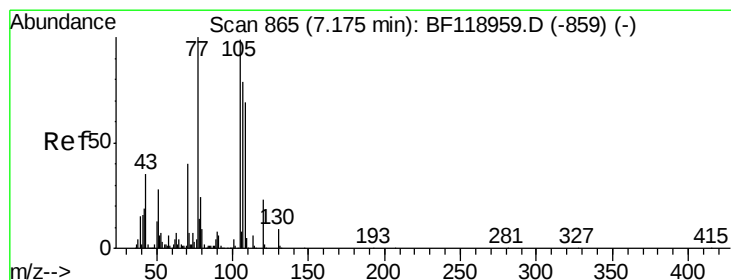
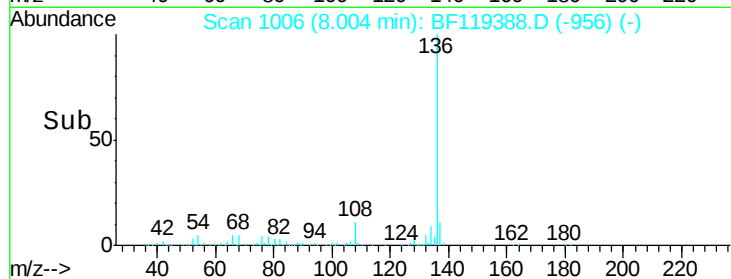
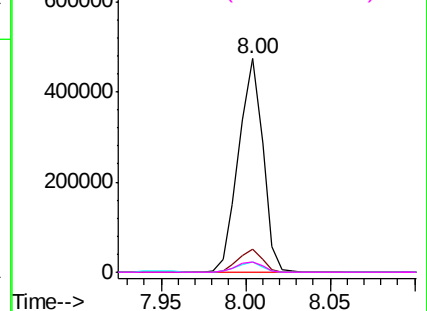


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.484 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

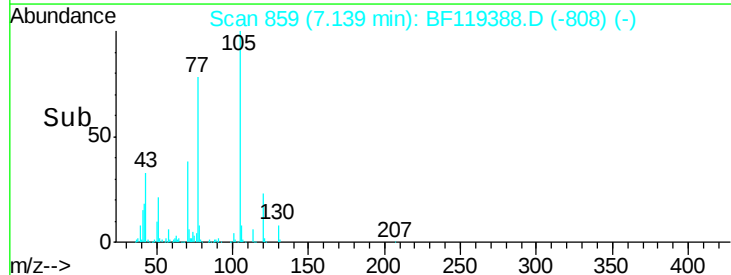
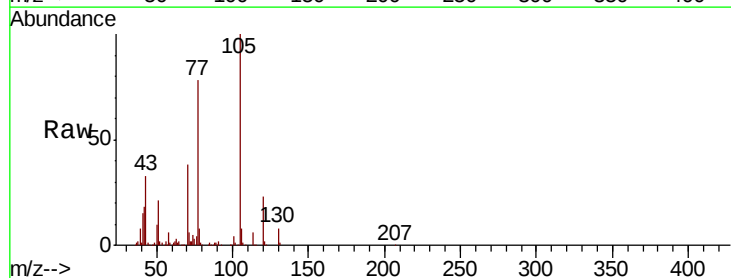
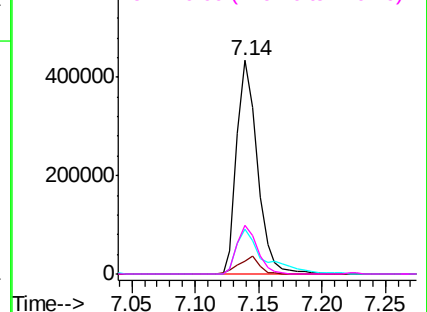
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	488238		
71	6.3		3.0	4.4#
51	20.8		20.1	30.1
120	23.0		18.0	27.0

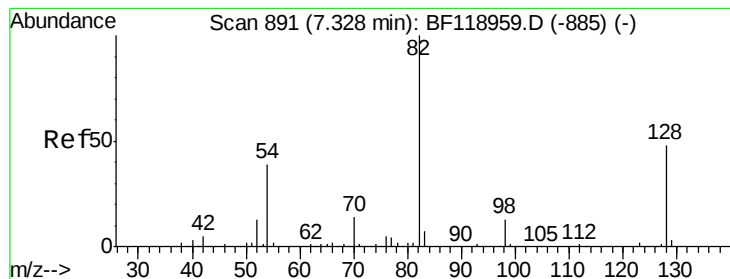
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.631 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

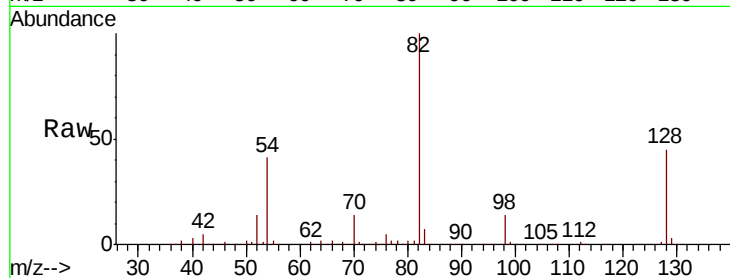
ClientSampleId :

HD-01-031120MS

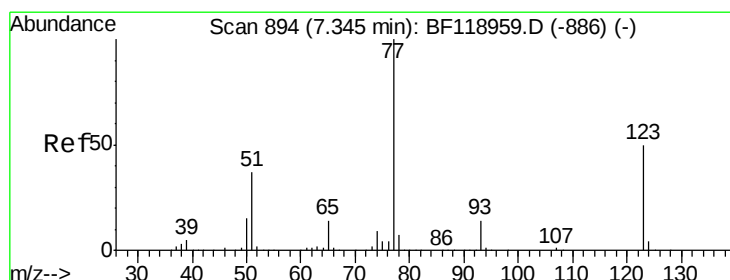
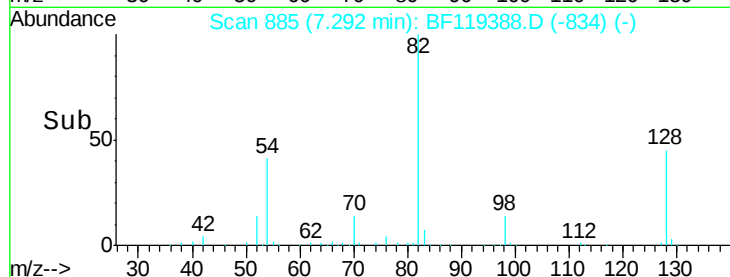
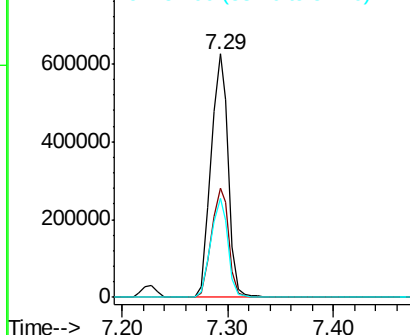
Tot Ion:	82	Resp:	724398
Ion Ratio	Lower	Upper	
82	100		
128	44.7	37.9	56.9
54	40.8	33.4	50.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.612 ng

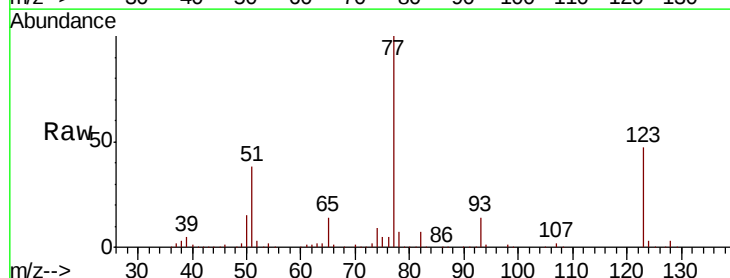
RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

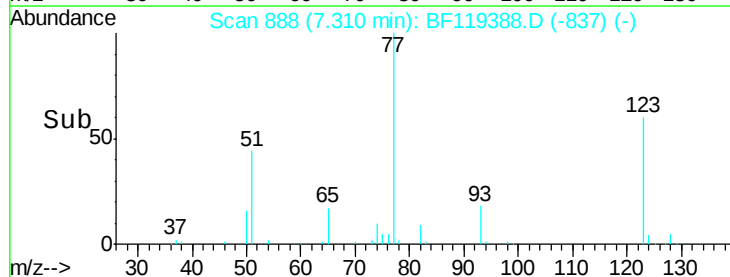
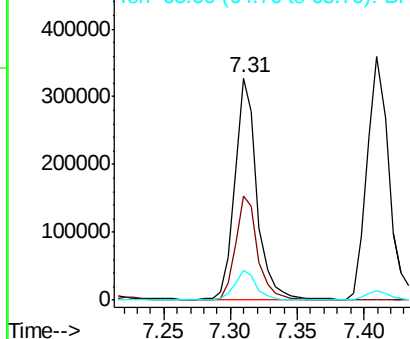
Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:	77	Resp:	378585
Ion Ratio	Lower	Upper	
77	100		
123	46.8	40.2	60.2
65	13.7	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





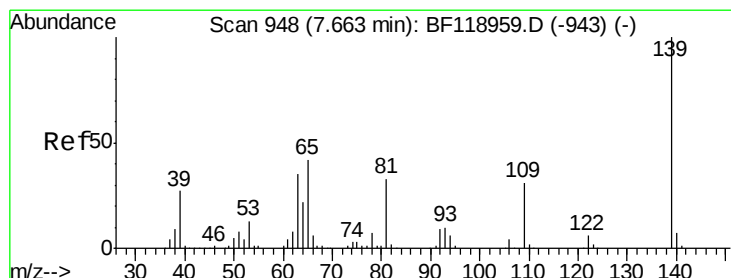
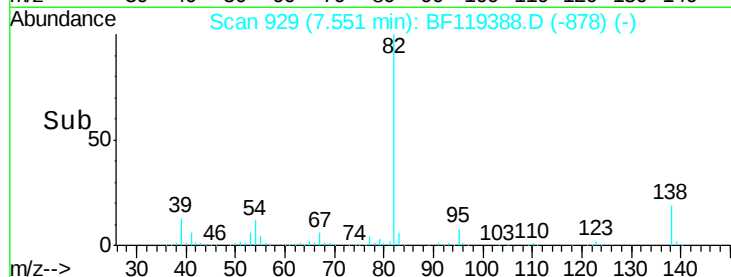
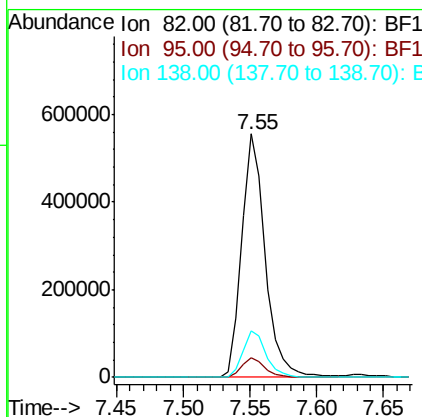
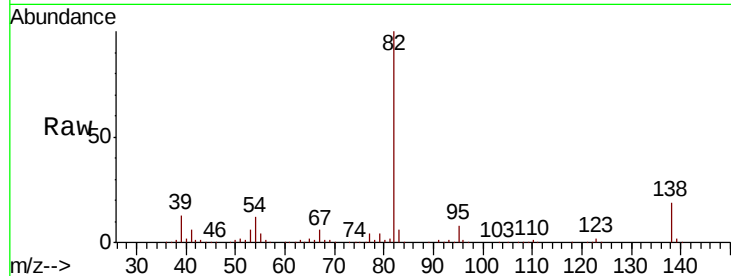
#25
Isophorone
Concen: 43.396 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	82	Resp	677090
Ion Ratio	100	Lower	Upper
82	100		
95	8.1	6.4	9.6
138	18.9	15.7	23.5

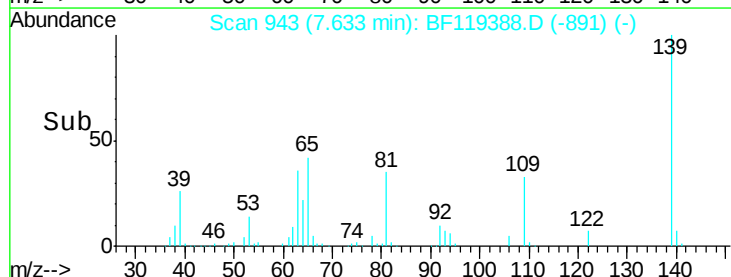
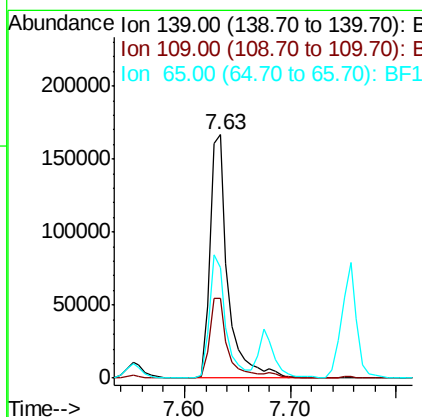
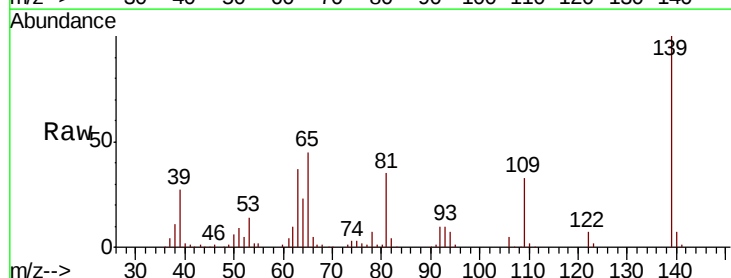
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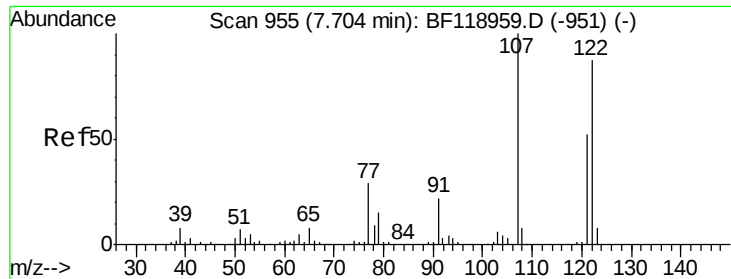
mohammad
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#26
2-Nitrophenol
Concen: 42.174 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	139	Resp	198527
Ion Ratio	100	Lower	Upper
139	100		
109	32.9	25.7	38.5
65	45.5	37.1	55.7





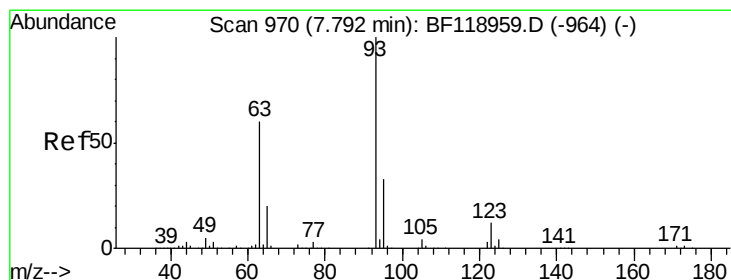
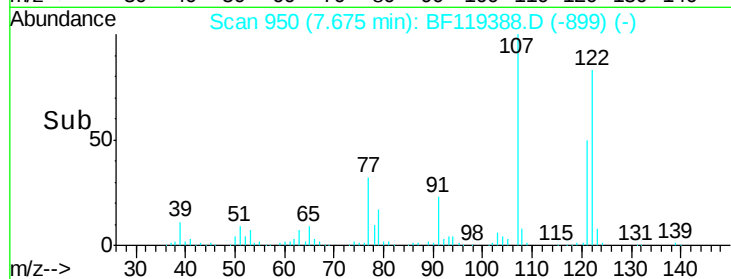
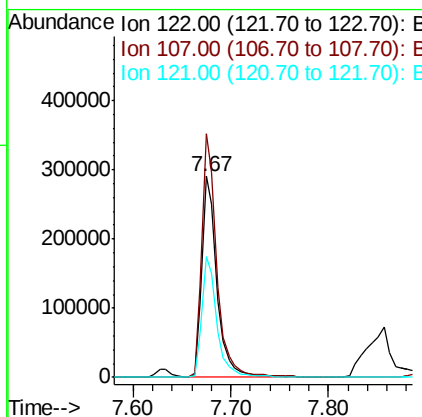
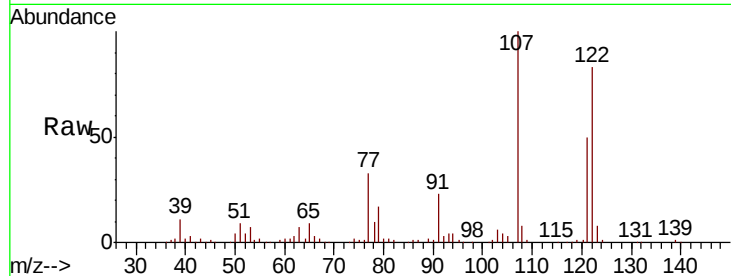
#27
2,4-Dimethylphenol
Concen: 48.649 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	93.8	140.6
121	59.9	48.2	72.2

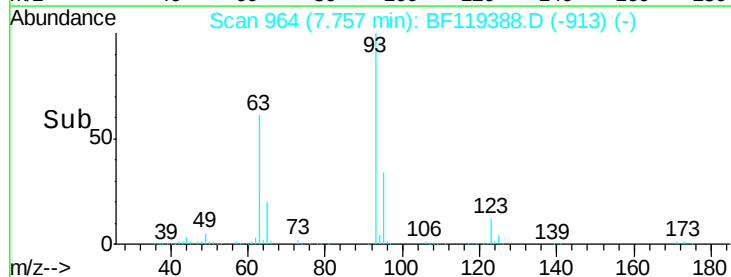
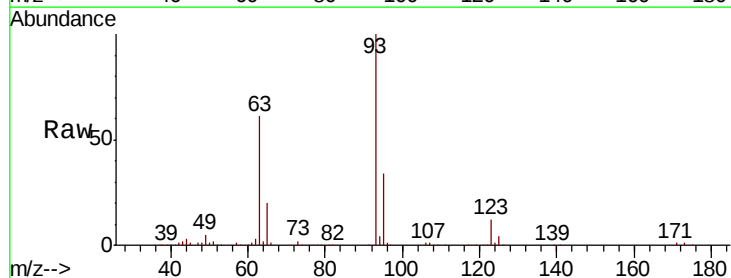
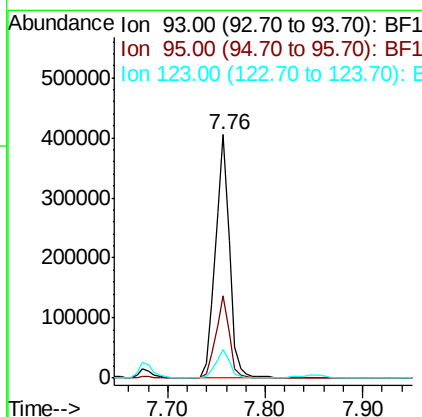
Manual Integrations
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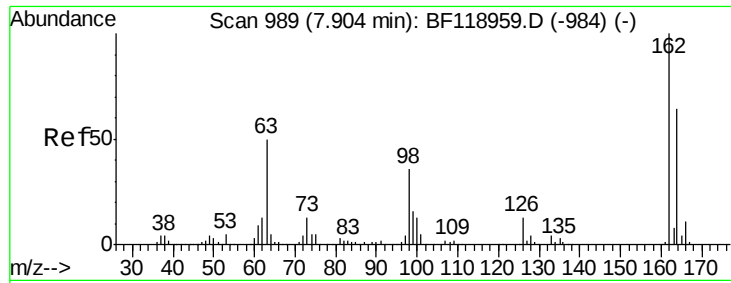
mohammad
3/16/2020 1:47:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.960 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.5	39.7
123	12.0	10.2	15.2





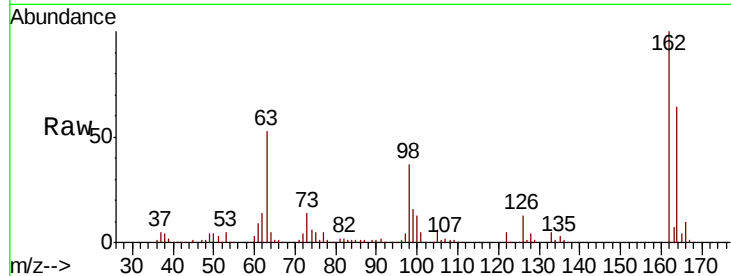
#29
2,4-Dichlorophenol
Concen: 41.774 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314187		
164	63.9	45.2	85.2	
98	37.1	17.4	57.4	

Manual Integrations
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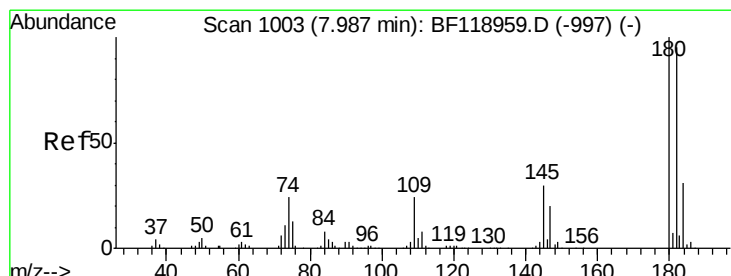
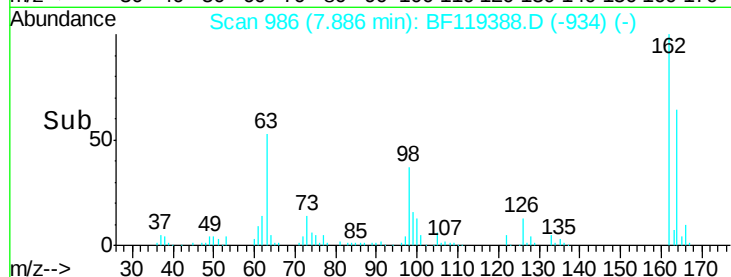
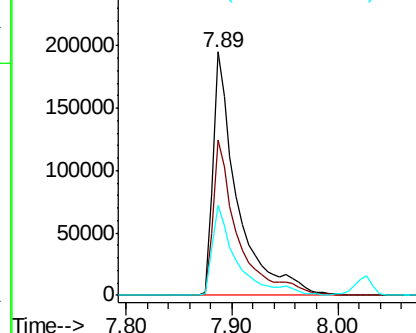


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.190 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

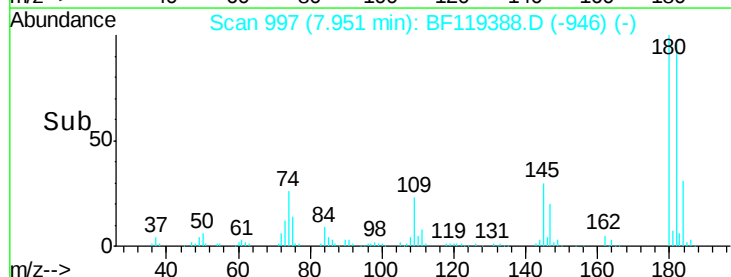
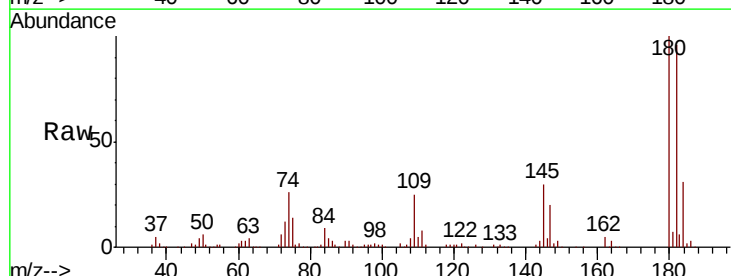
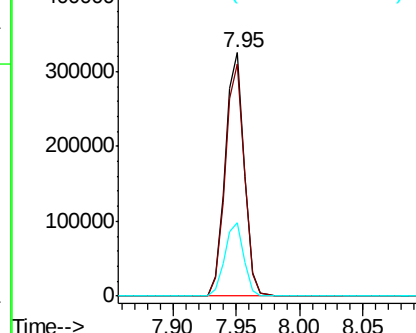
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	340550		
182	95.6	77.8	116.6	
145	30.2	25.2	37.8	

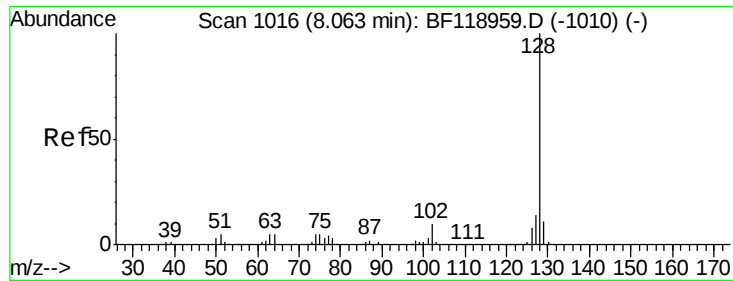
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





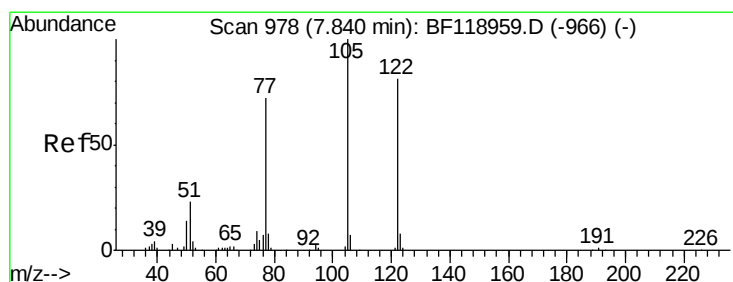
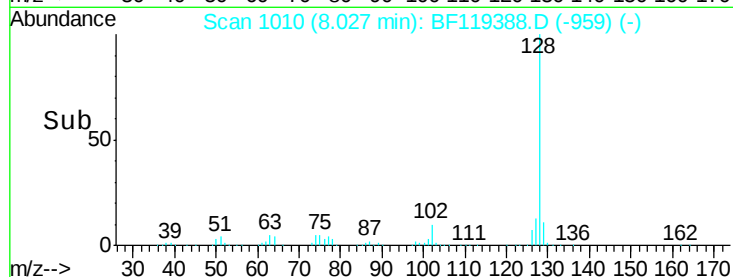
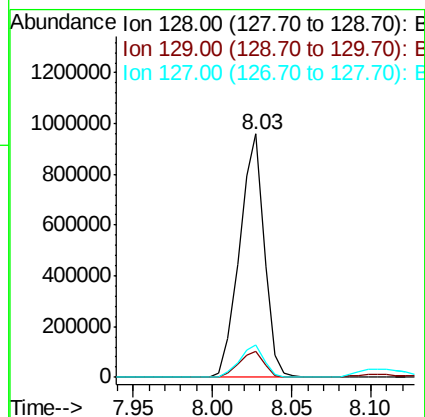
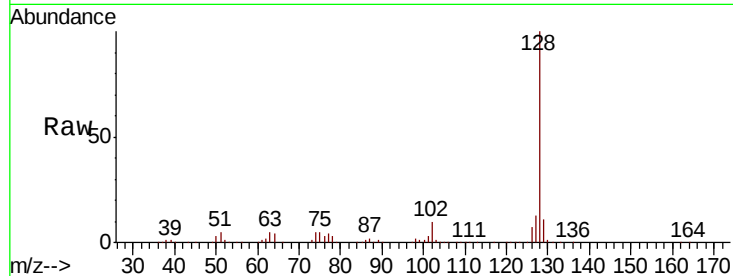
#31
Naphthalene
Concen: 42.079 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion:128 Resp: 1035204
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.5 11.4 17.2

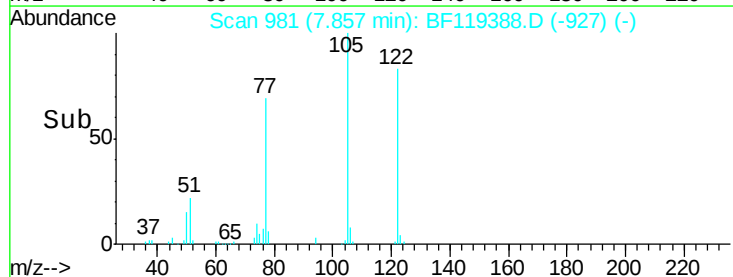
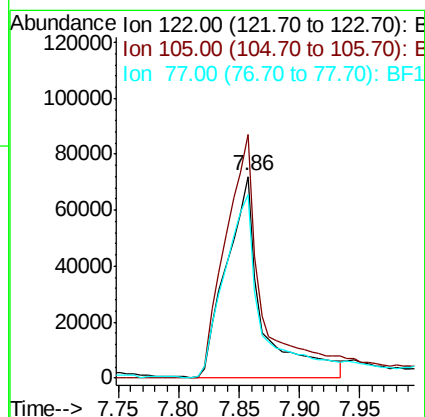
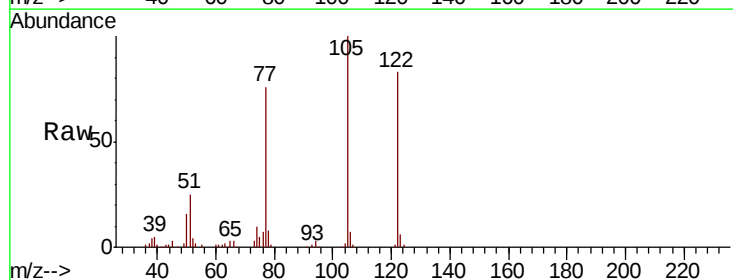
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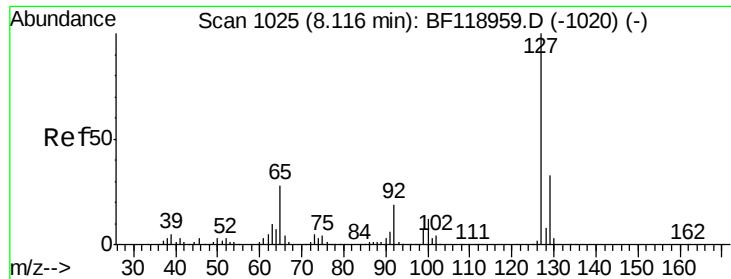
mohammad
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#32
Benzoic acid
Concen: 33.679 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:122 Resp: 146209
Ion Ratio Lower Upper
122 100
105 120.9 106.3 146.3
77 91.4 73.1 113.1





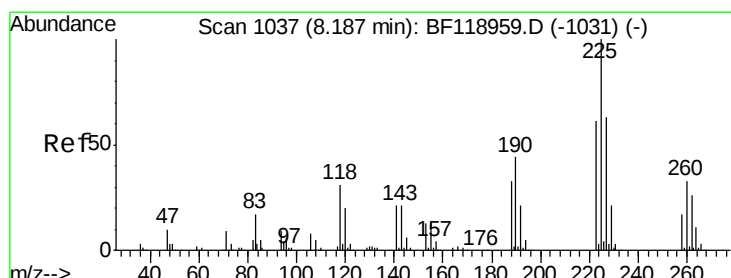
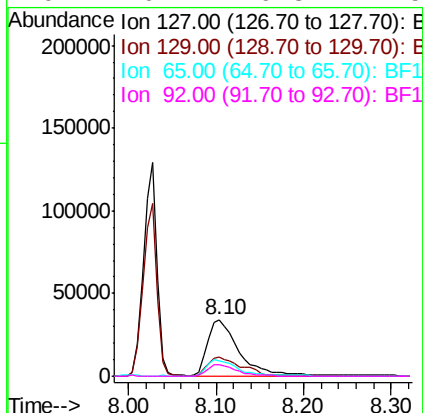
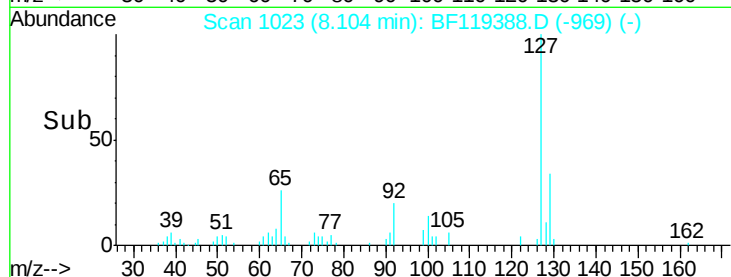
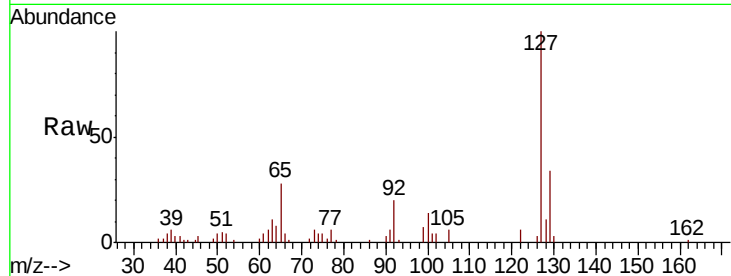
#33
4-Chloroaniline
Concen: 7.956 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.5	25.9	38.9		
65	28.0	23.9	35.9		
92	20.2	16.3	24.5		

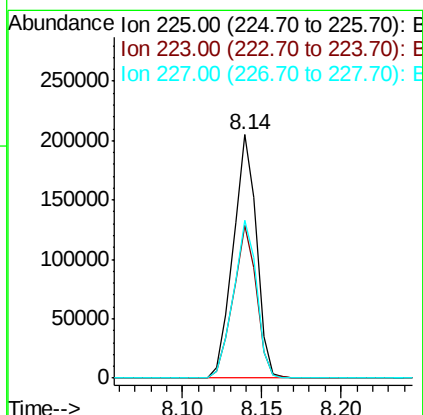
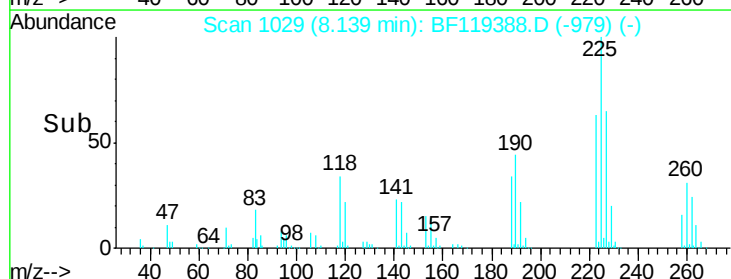
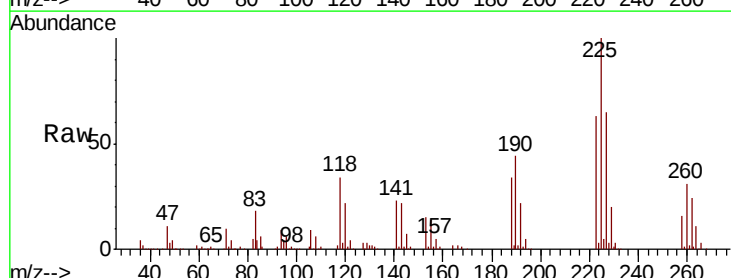
Manual Integrations
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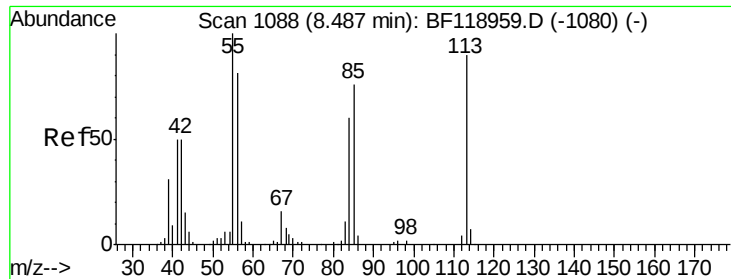
mohammad
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#34
Hexachlorobutadiene
Concen: 37.661 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.4	74.2		
227	64.7	52.9	79.3		





#35

Caprolactam

Concen: 31.958 ng/mL

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

HD-01-031120MS

Tot Ion: 113 Resp: 74010

Ion Ratio Lower Upper

113 100

55 109.7 95.7 135.7

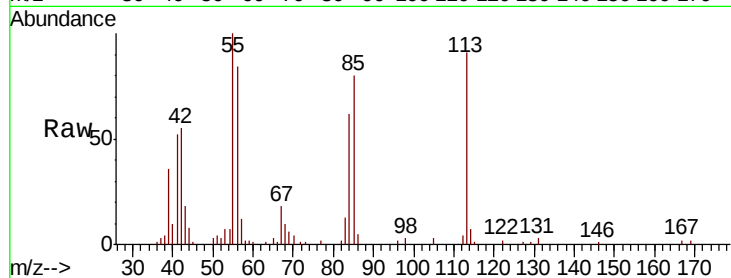
56 92.1 73.1 113.1

Manual Integrations

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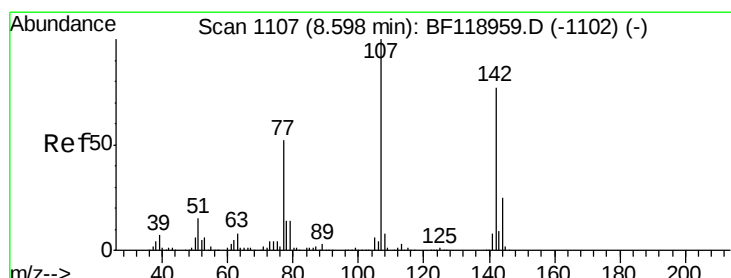
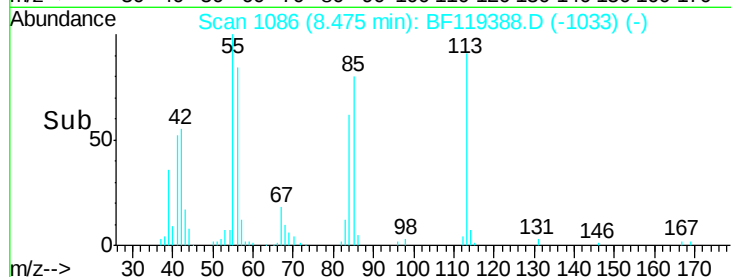
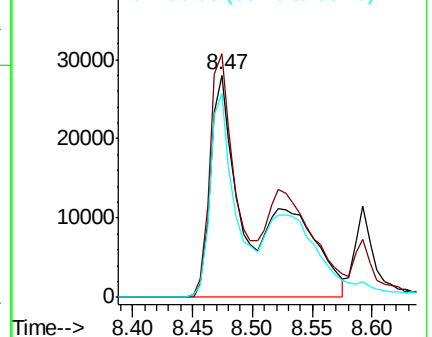


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.468 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

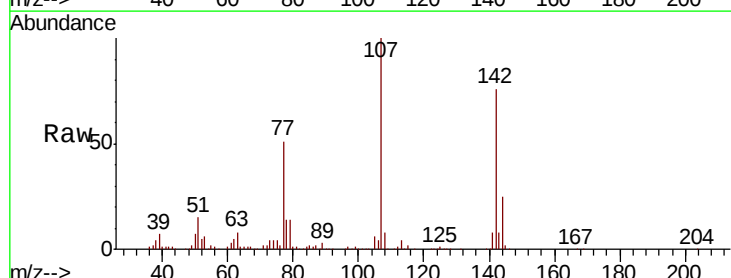
Tgt Ion: 107 Resp: 338478

Ion Ratio Lower Upper

107 100

144 24.9 20.1 30.1

142 76.3 61.4 92.2

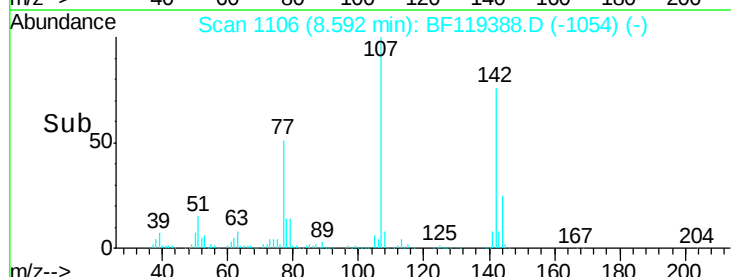
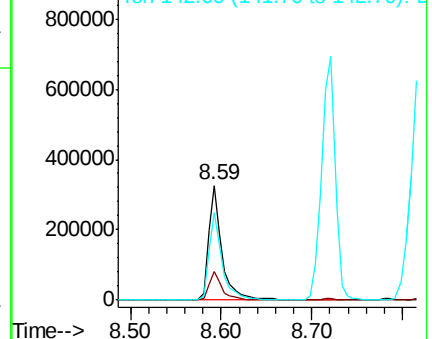


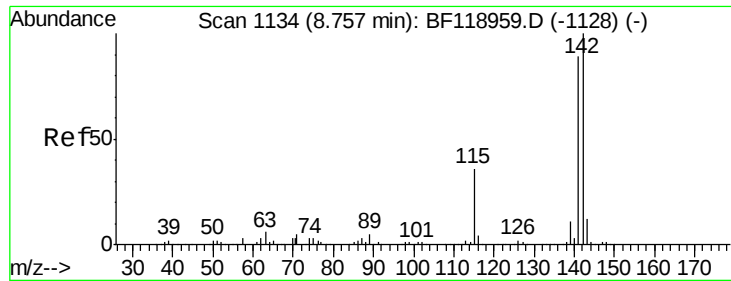
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





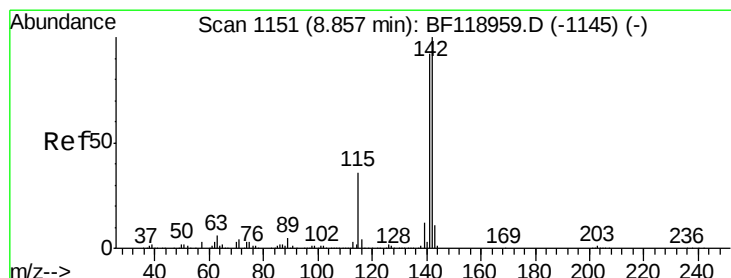
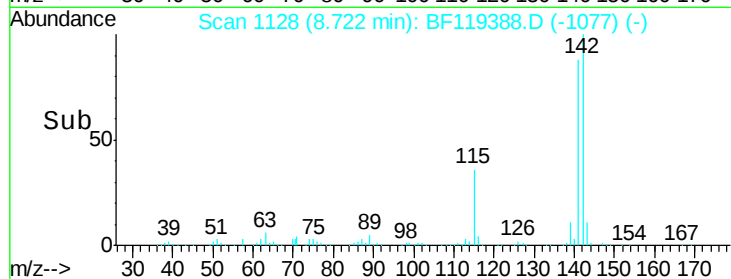
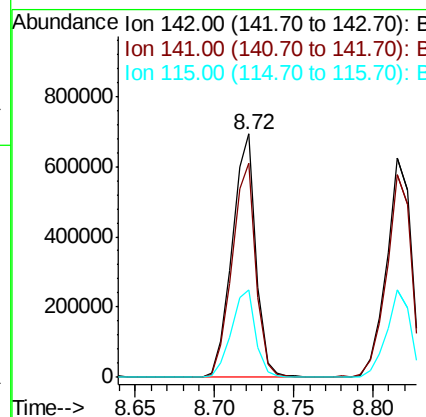
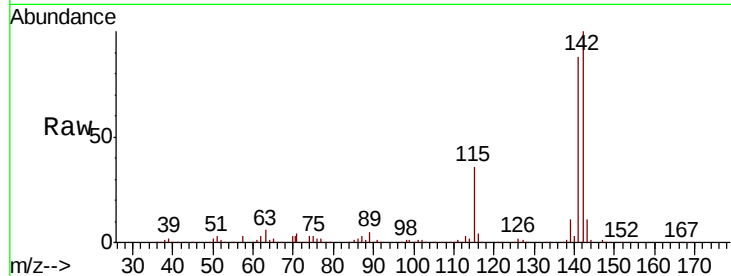
#37
2-Methylnaphthalene
Concen: 43.129 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.3	108.5
115	36.1	30.6	45.8

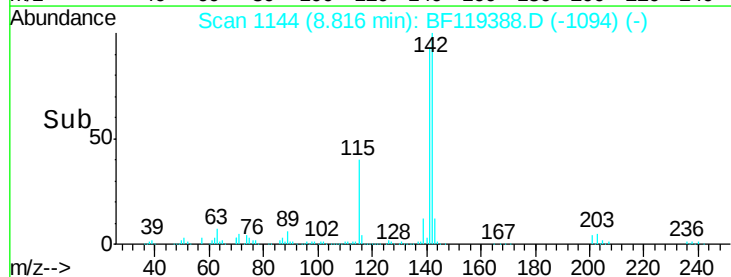
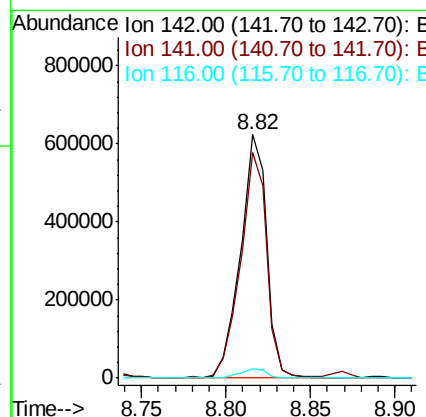
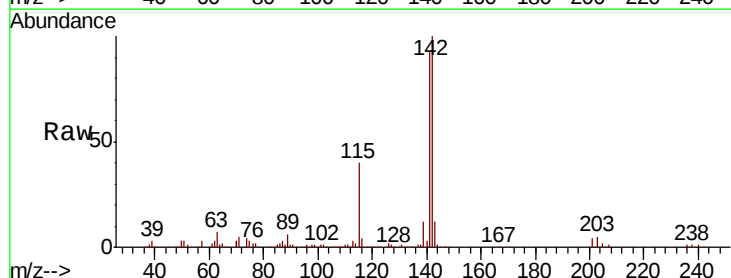
Manual Integrations
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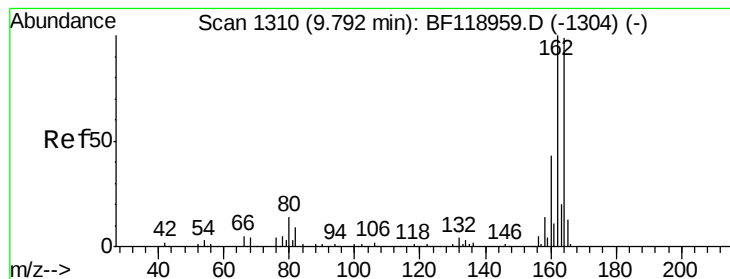
mohammad
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#38
1-Methylnaphthalene
Concen: 43.036 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.8	113.6
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

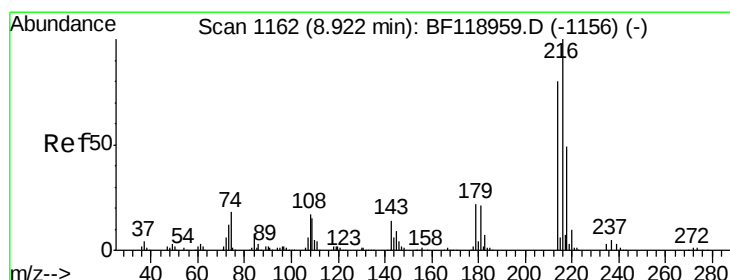
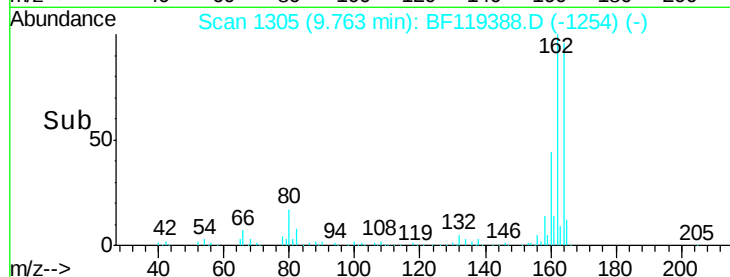
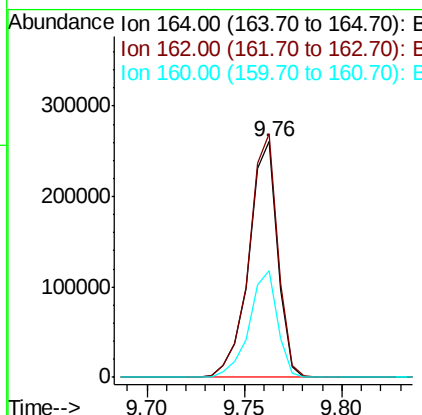
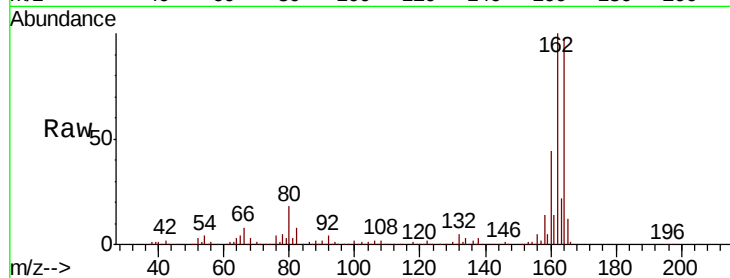
ClientSampleId :

HD-01-031120MS

Tot Ion:	164	Resp:	265673
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.8	122.8
160	45.4	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.433 ng

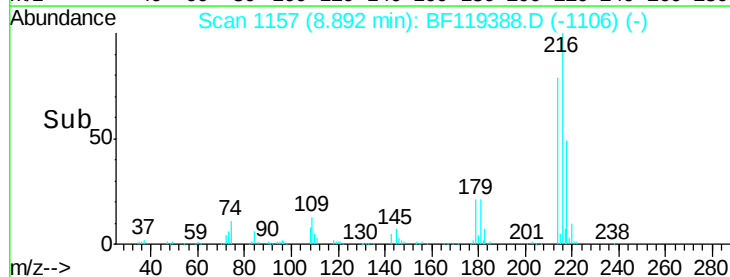
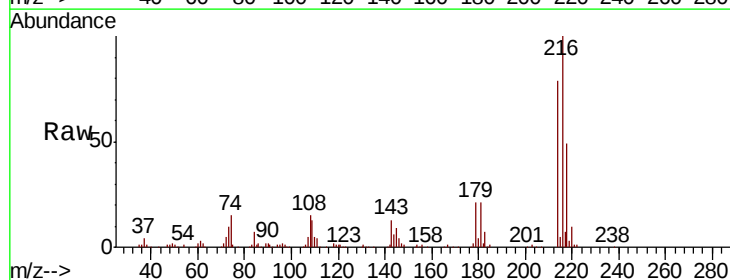
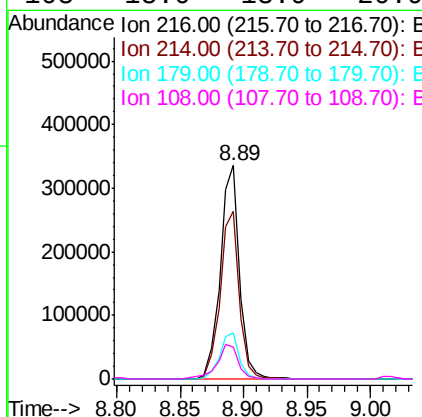
RT: 8.89 min Scan# 1157

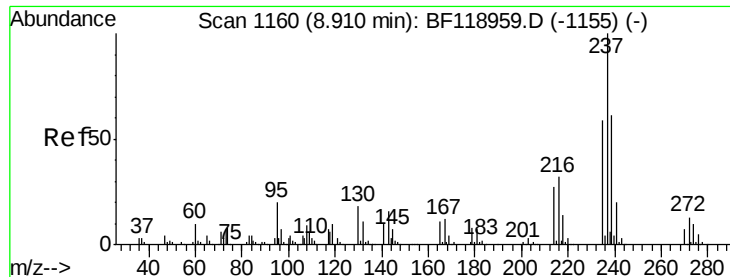
Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:	216	Resp:	353218
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.3	94.9
179	21.7	17.7	26.5
108	18.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 37.379 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

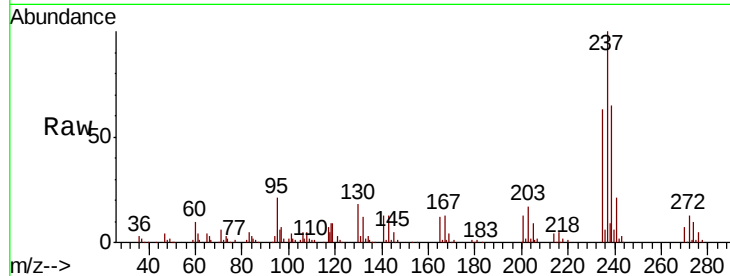
ClientSampleId :

HD-01-031120MS

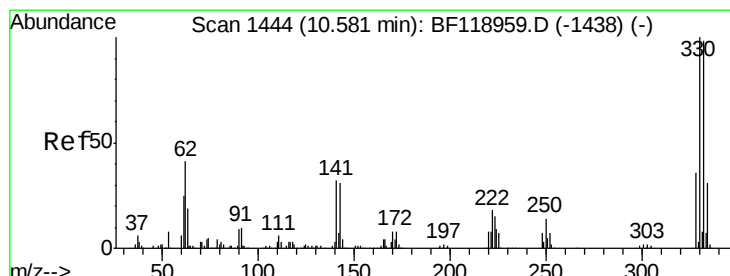
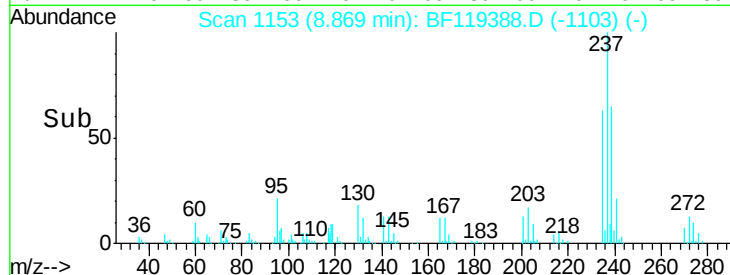
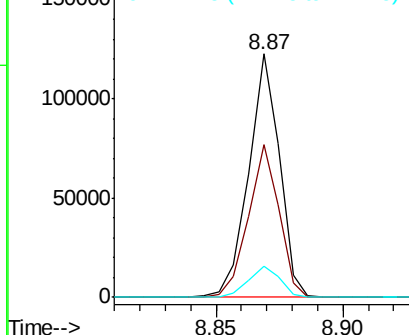
Tot Ion:	237	Resp:	103382
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.3	82.3
272	12.8	0.0	33.5

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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: 112.311 ng

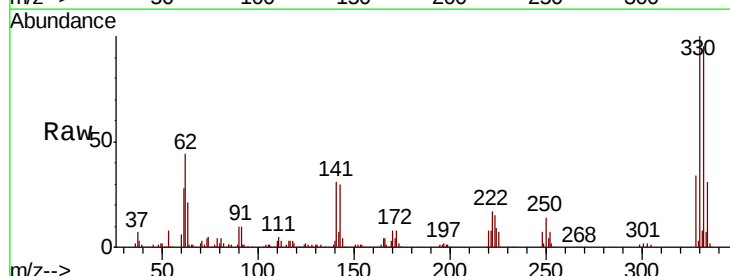
RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

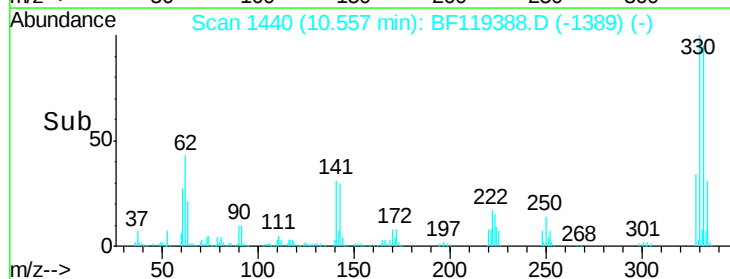
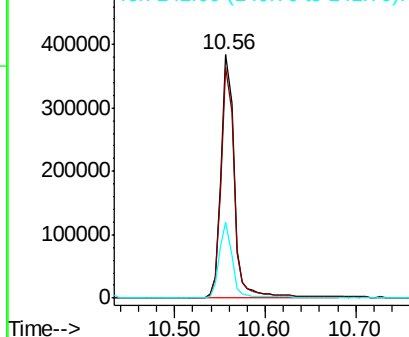
Lab File: BF119388.D

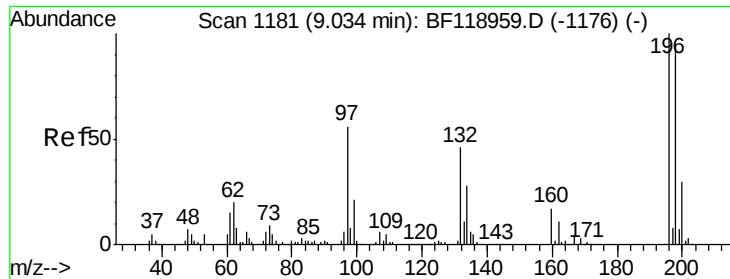
Acq: 12 Mar 2020 19:03

Tgt Ion:	330	Resp:	390332
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.0	114.0
141	30.1	22.9	34.3



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





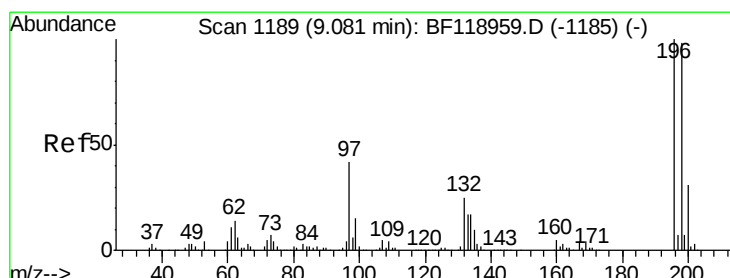
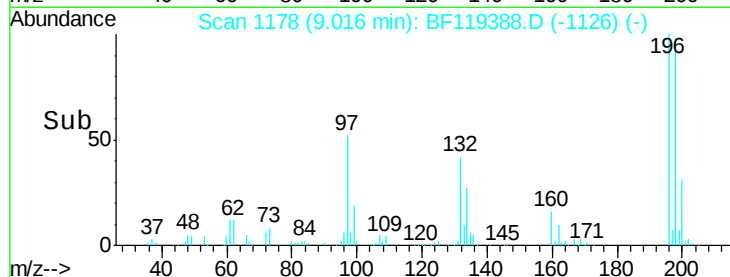
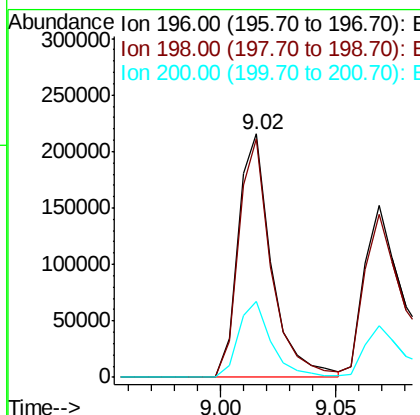
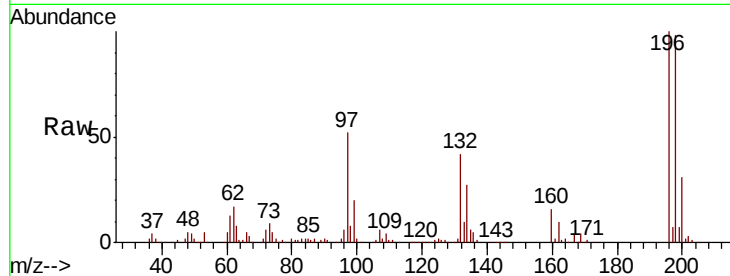
#43
 2,4,6-Trichlorophenol
 Concen: 38.505 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217806		
198	98.0		77.1	115.7
200	30.9		25.0	37.6

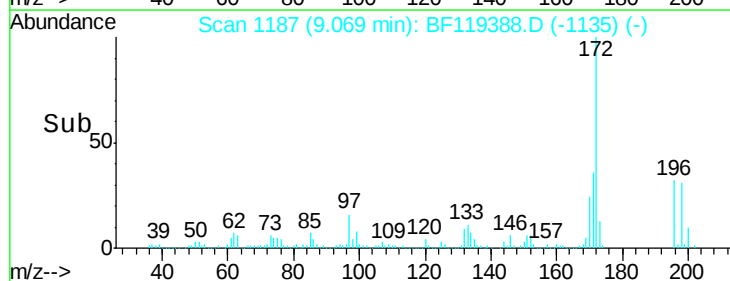
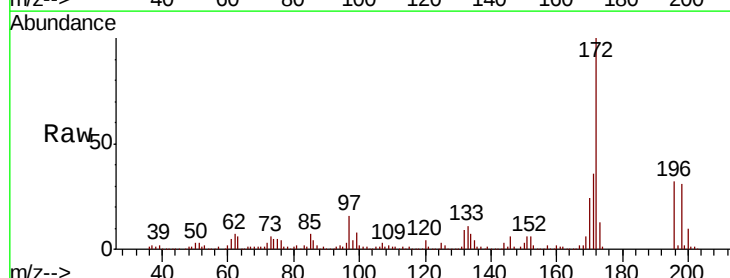
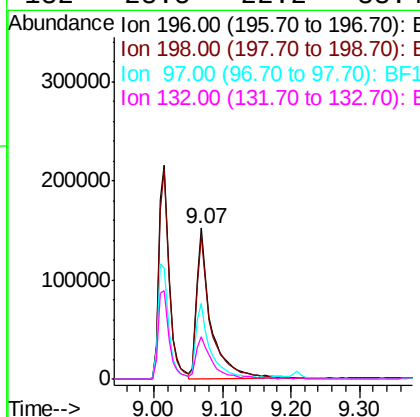
Manual Integrations
 APPROVED

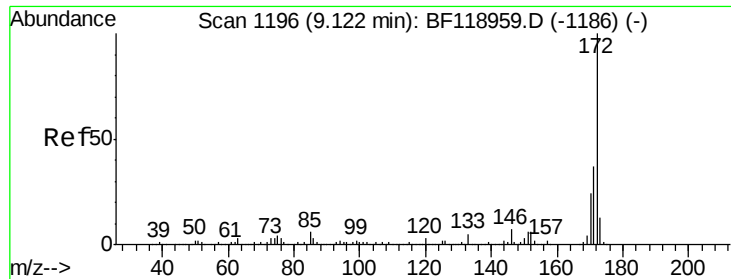
mohammad
 3/16/2020 1:47:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.647 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223463		
198	95.2		76.8	115.2
97	49.8		38.5	57.7
132	28.5		22.2	33.4





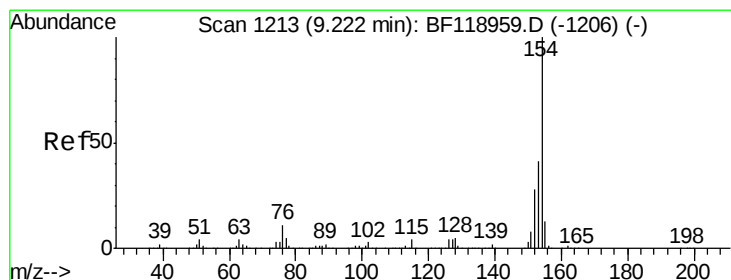
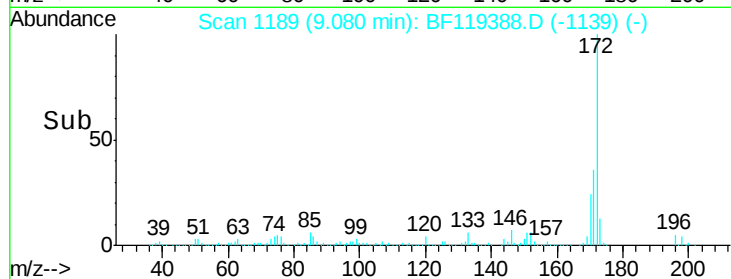
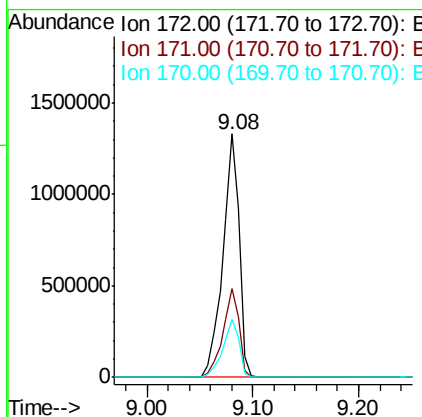
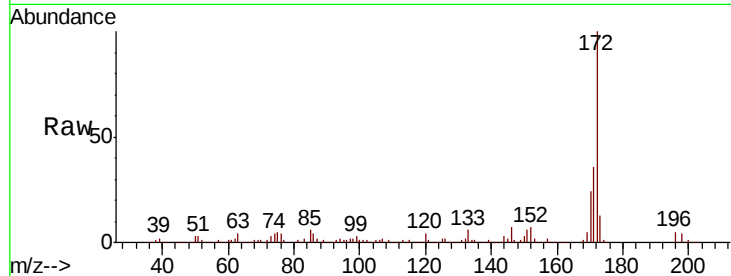
#45
2-Fluorobiphenyl
Concen: 79.046 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.1	20.2	30.2

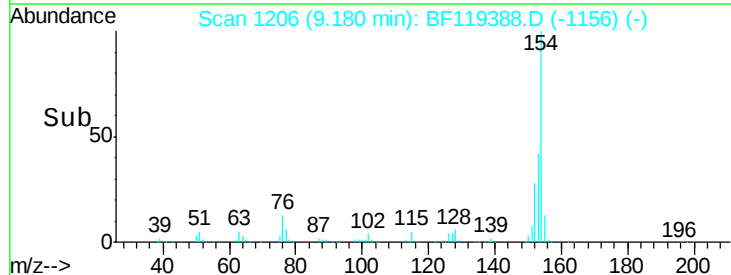
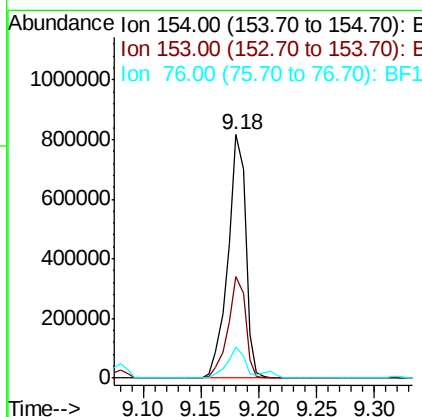
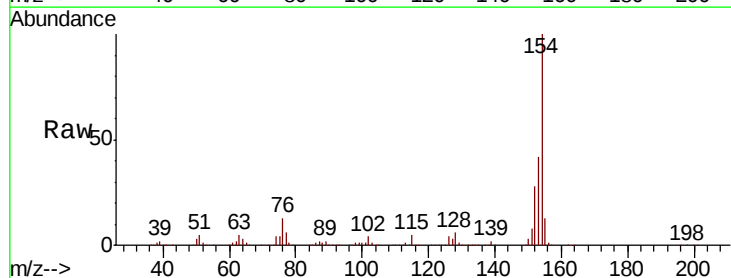
Manual Integrations
APPROVED

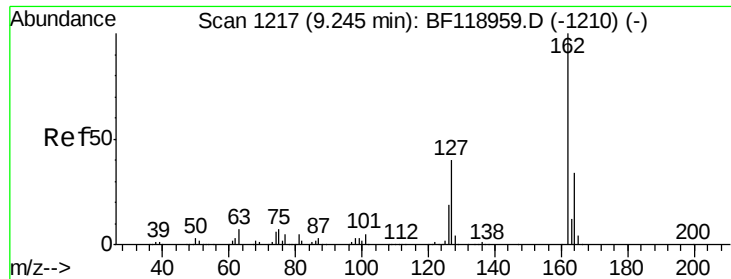
mohammad
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#46
1,1'-Biphenyl
Concen: 40.513 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.8	0.0	32.2





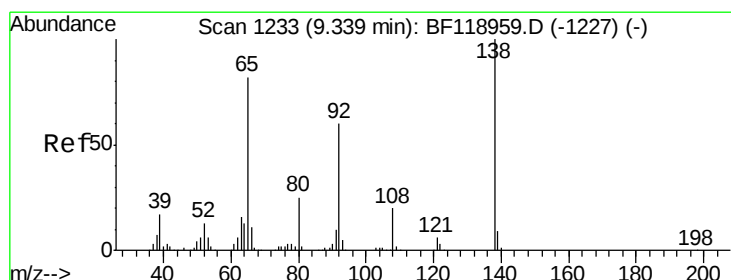
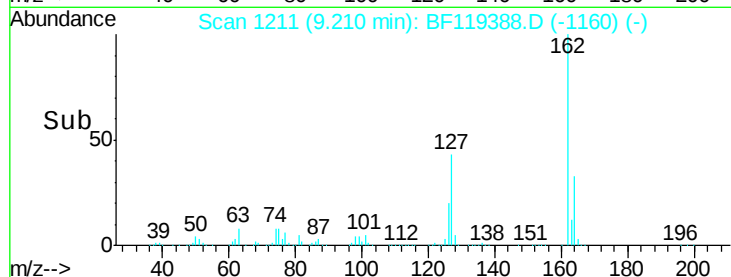
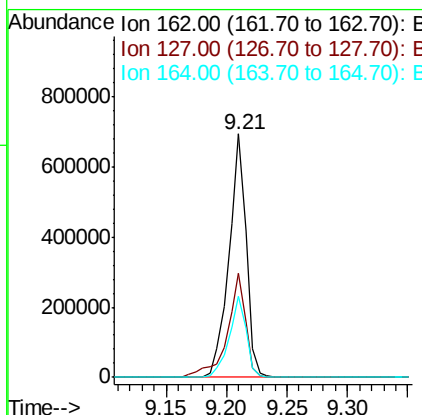
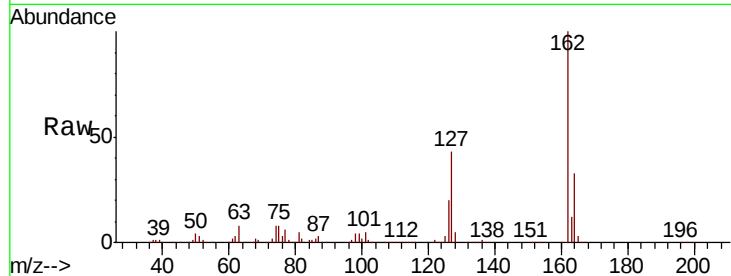
#47
 2-Chloronaphthalene
 Concen: 39.851 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		689550		
127	42.8	35.0	52.4		
164	33.0	27.2	40.8		

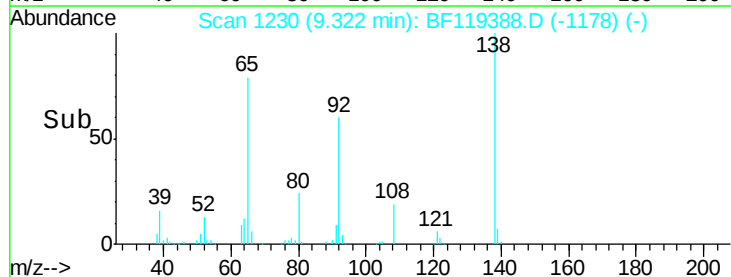
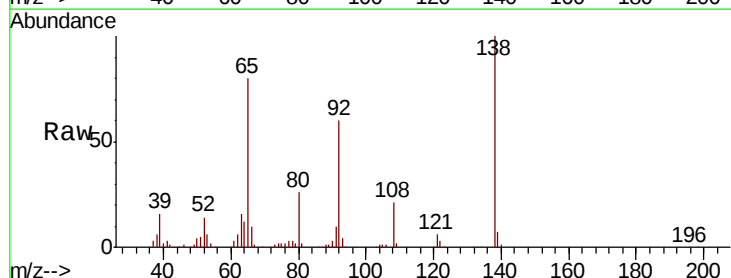
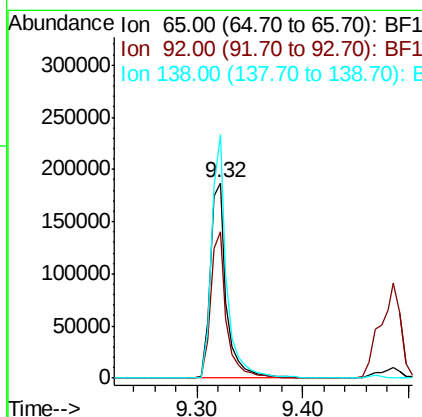
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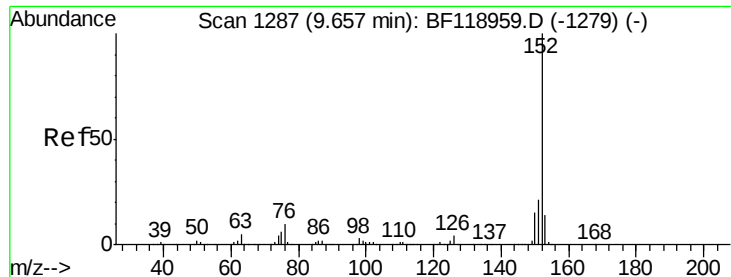
mohammad
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#48
 2-Nitroaniline
 Concen: 41.171 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		198698		
92	75.0	58.2	87.2		
138	124.5	95.6	143.4		





#49

Acenaphthylene

Concen: 41.977 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

HD-01-031120MS

Tot Ion:152 Resp: 1049046

Ion Ratio Lower Upper

152 100

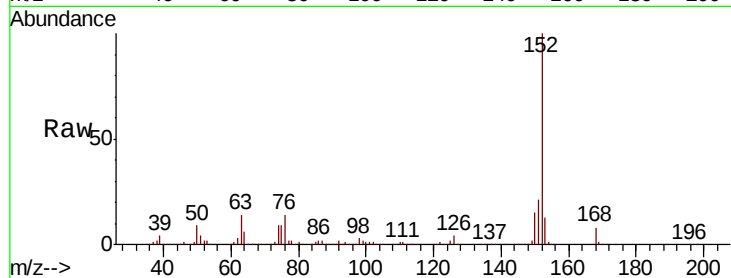
151 20.9 16.9 25.3

153 13.5 11.0 16.6

Manual Integrations
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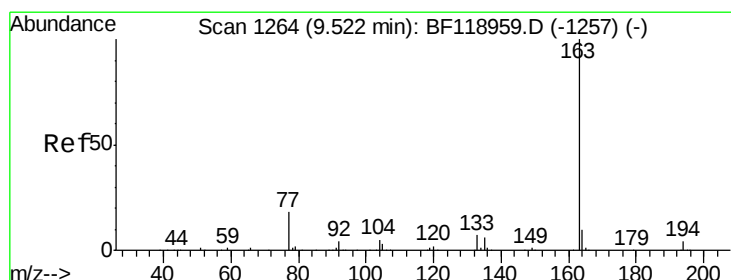
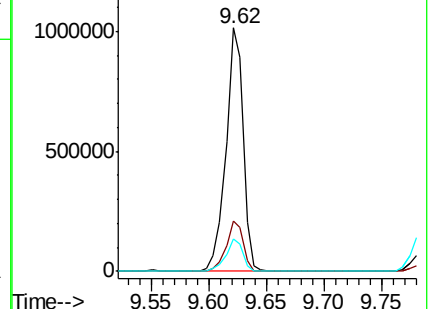
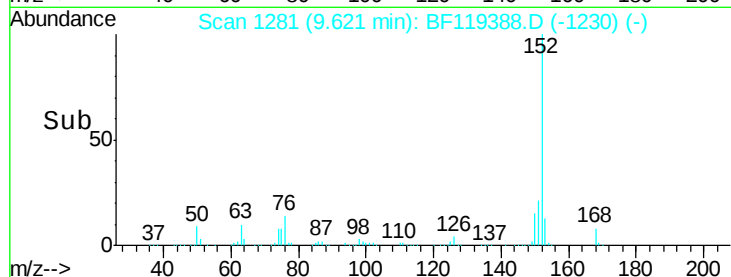
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.256 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

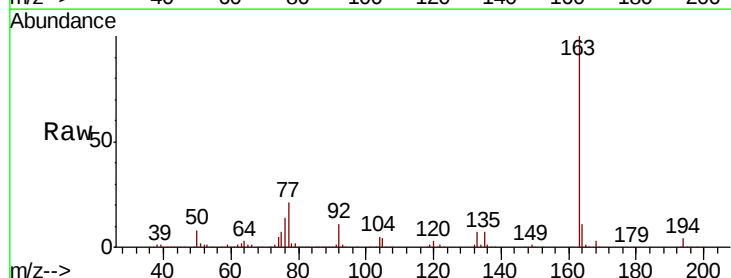
Tgt Ion:163 Resp: 899083

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

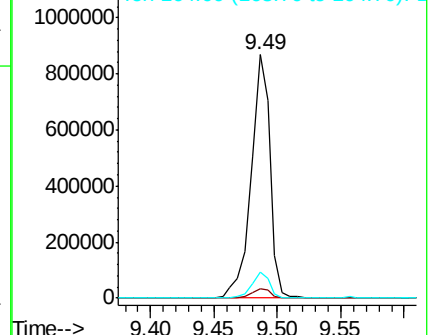
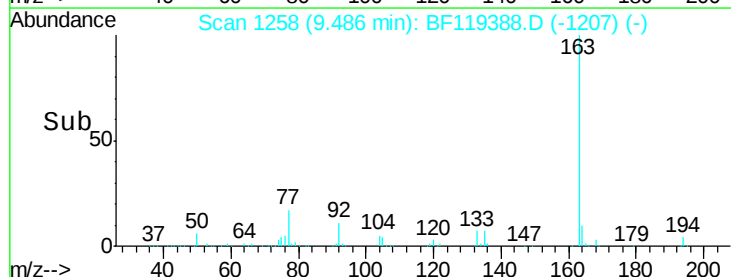
164 10.5 8.4 12.6



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: 41.553 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

ClientSampleId :

HD-01-031120MS

Tot Ion:165 Resp: 187550
Ion Ratio Lower Upper

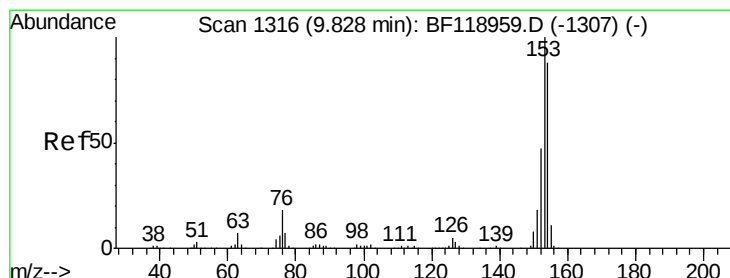
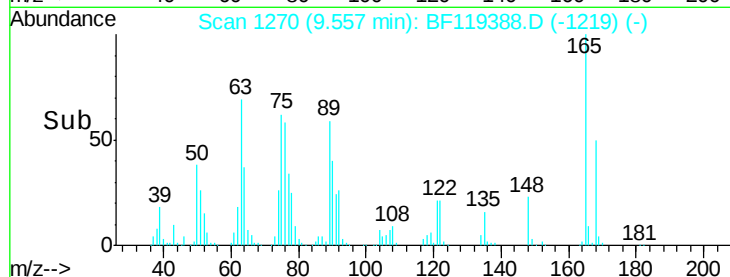
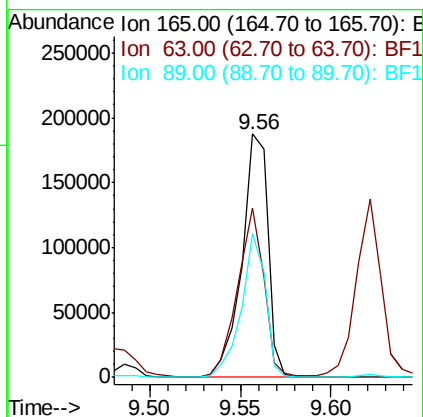
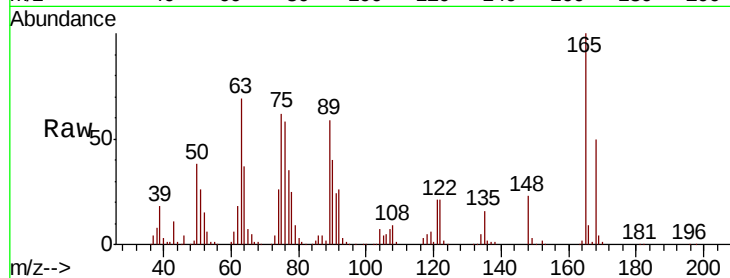
165 100

63 69.4 34.3 51.5#

89 59.2 38.3 57.5#

Manual Integrations
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#52

Acenaphthene

Concen: 41.915 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF119388.D

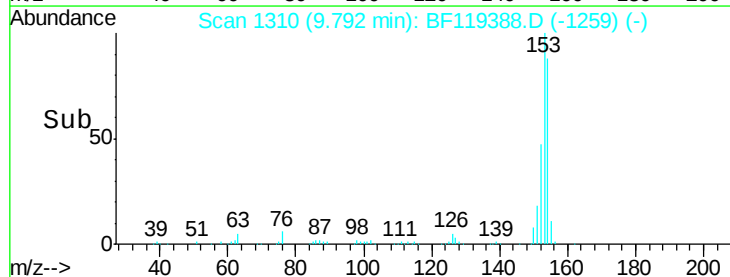
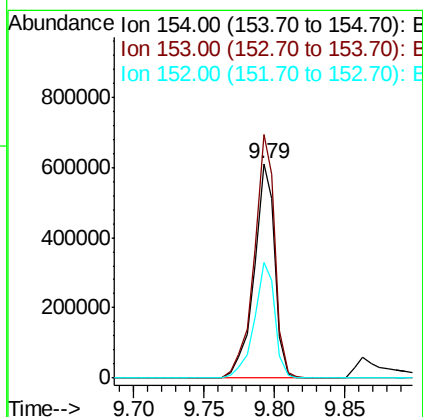
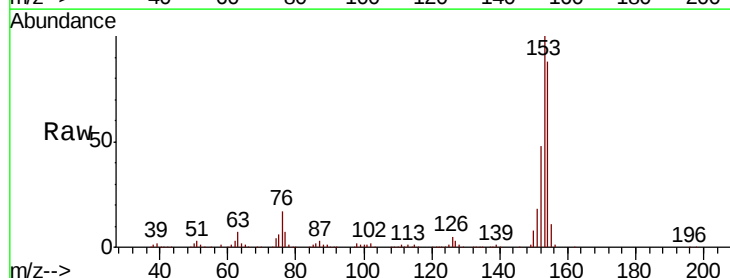
Acq: 12 Mar 2020 19:03

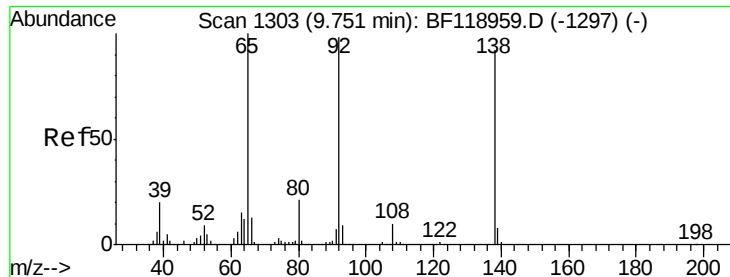
Tgt Ion:154 Resp: 631618
Ion Ratio Lower Upper

154 100

153 113.4 90.3 135.5

152 53.9 43.8 65.8





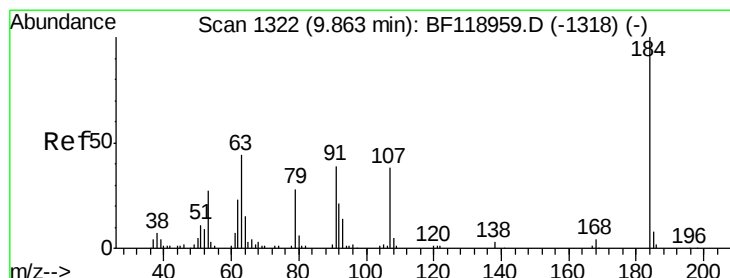
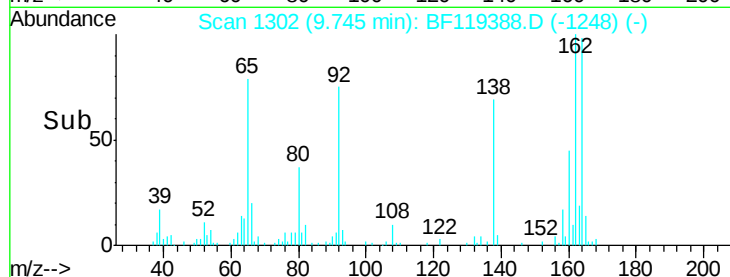
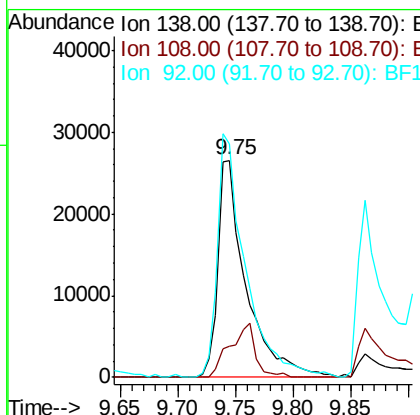
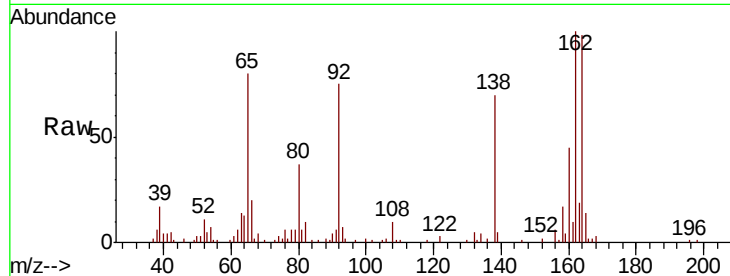
#53
3-Nitroaniline
Concen: 9.045 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.5	8.8	13.2#
92	107.2	84.8	127.2

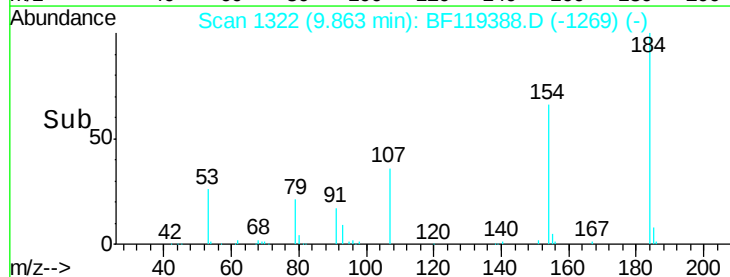
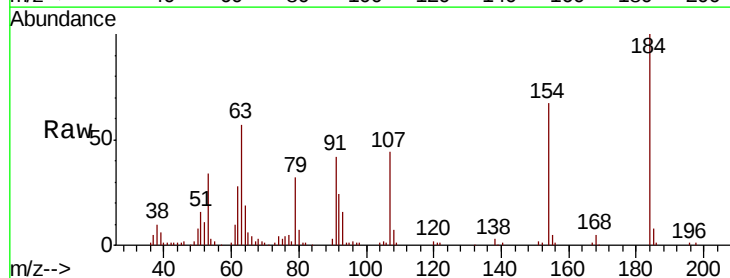
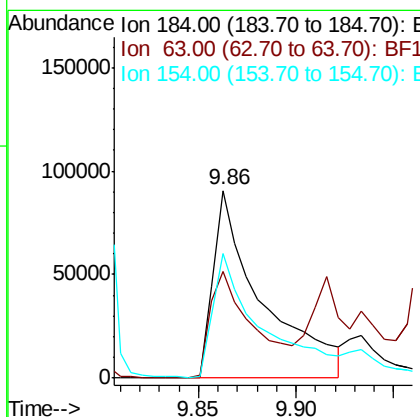
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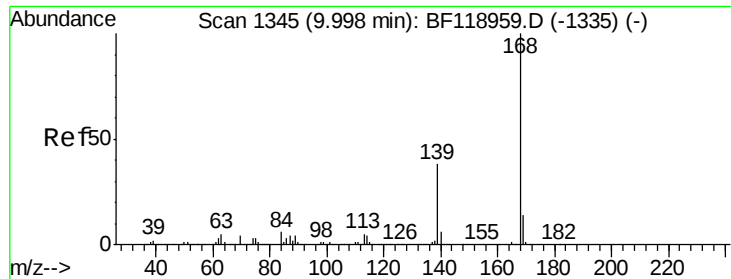
mohammad
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#54
2,4-Dinitrophenol
Concen: 72.156 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	38.7	58.1
154	66.8	49.7	74.5





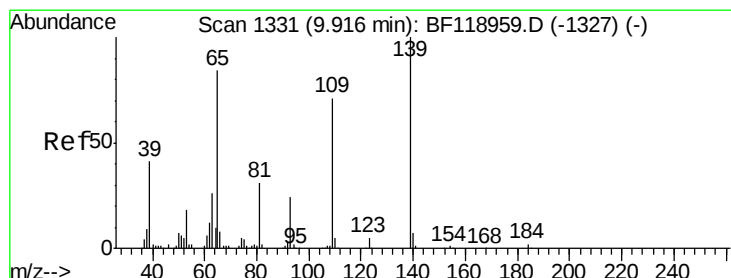
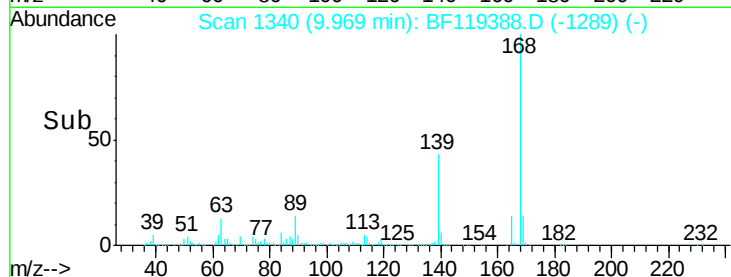
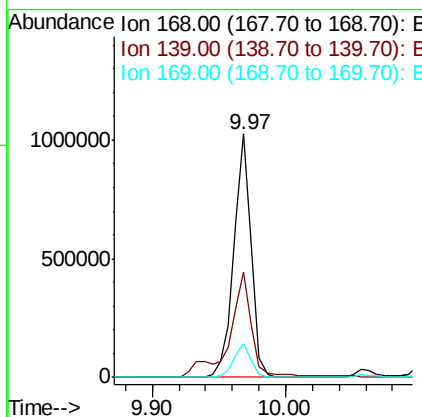
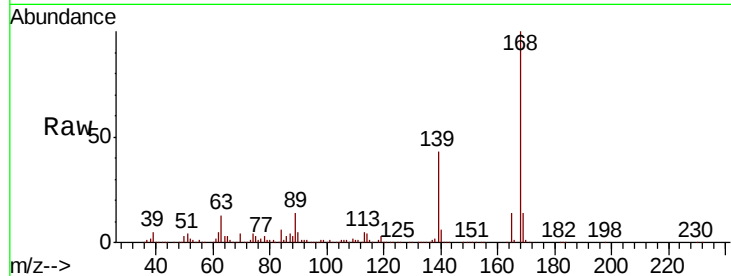
#55
Dibenzofuran
Concen: 41.466 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampled :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.0	34.0	51.0
169	13.6	11.0	16.4

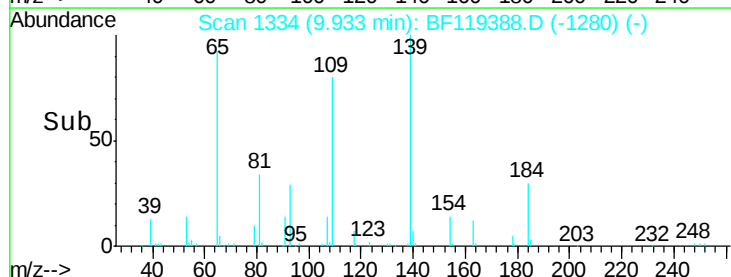
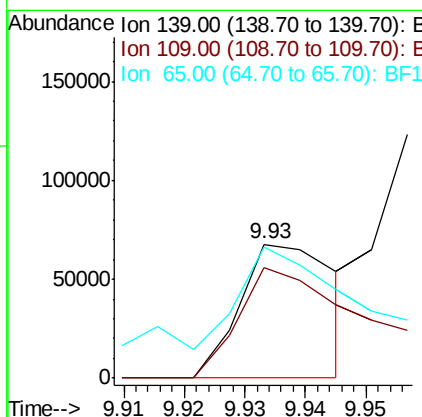
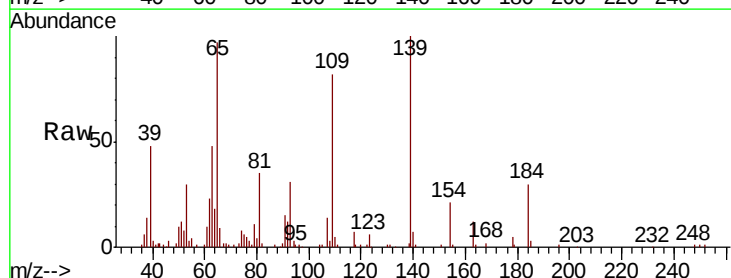
Manual Integrations
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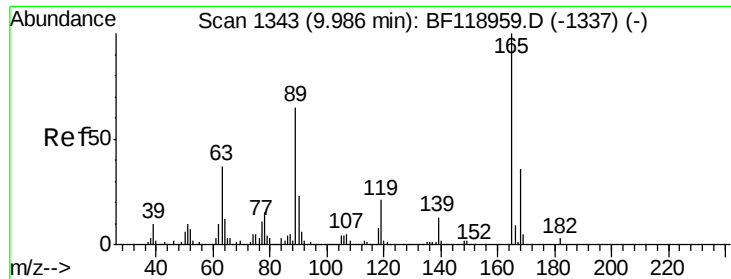
mohammad
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#56
4-Nitrophenol
Concen: 24.691 ng m
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.1	56.7	96.7
65	97.3	65.0	105.0





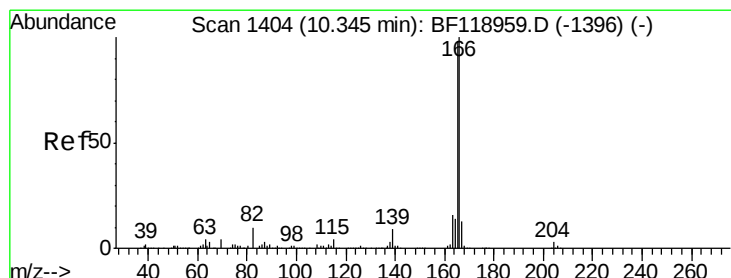
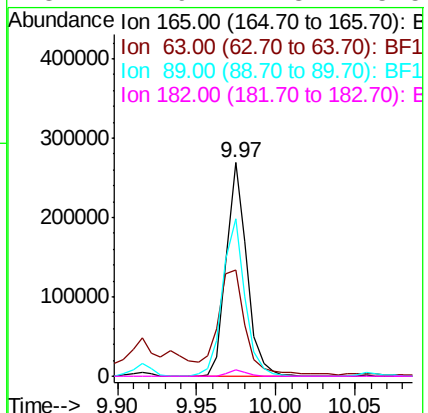
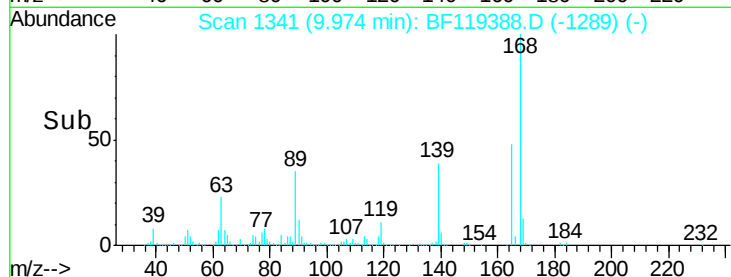
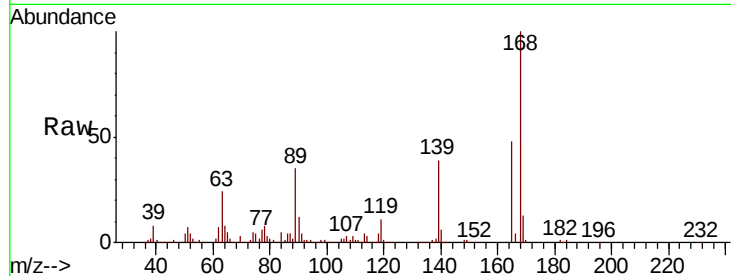
#57
 2,4-Dinitrotoluene
 Concen: 41.322 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		241749		
63	49.5	42.3	63.5		
89	74.0	60.2	90.4		
182	2.9	2.3	3.5		

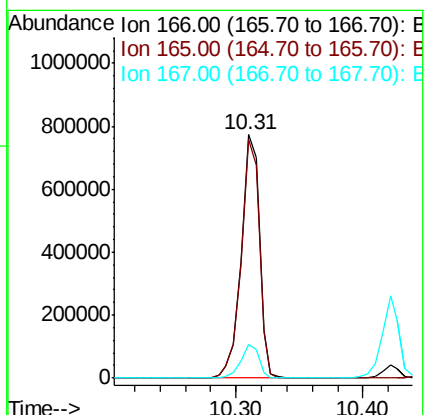
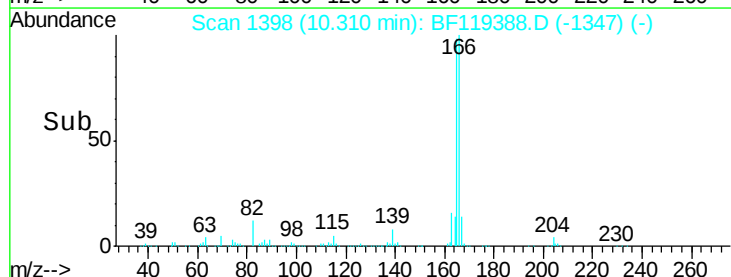
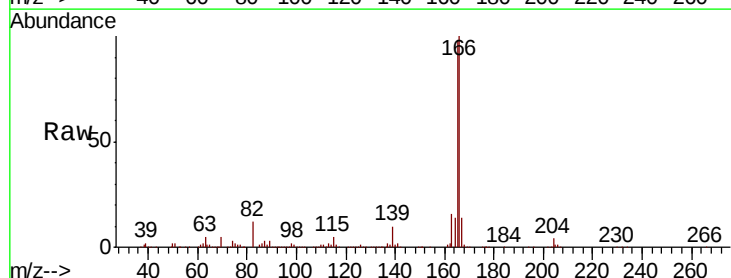
Manual Integrations
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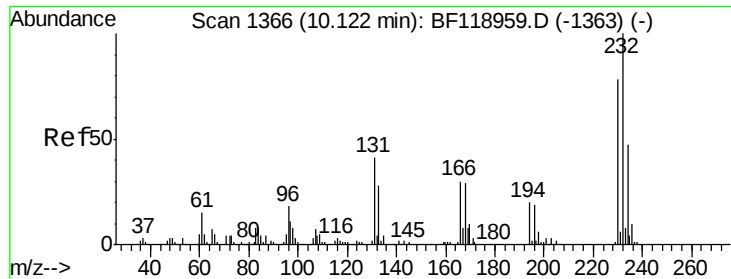
mohammad
 3/16/2020 1:47:35 PM



#58
 Fluorene
 Concen: 43.862 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		766592		
165	98.1	78.5	117.7		
167	13.8	11.0	16.4		





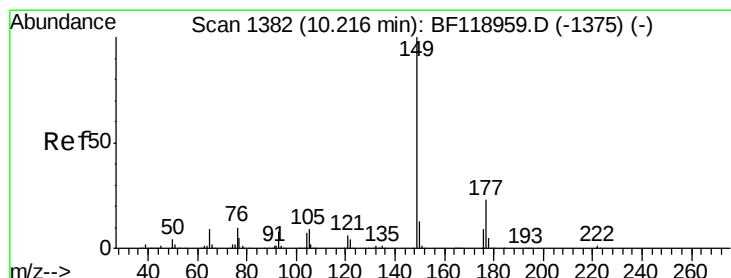
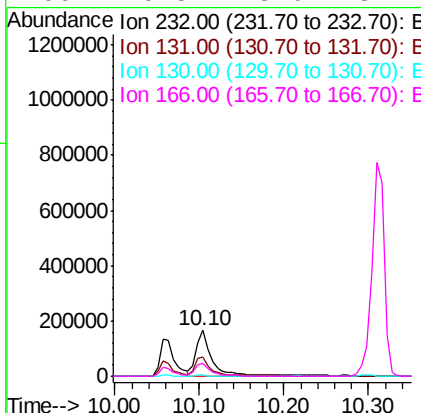
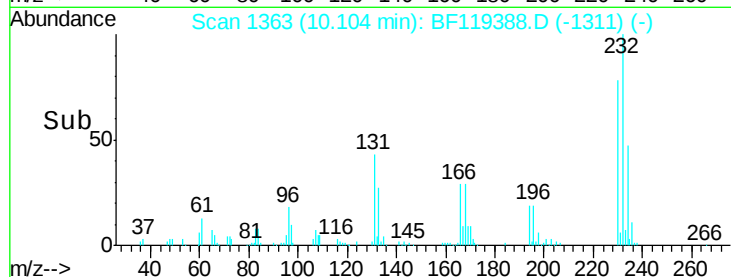
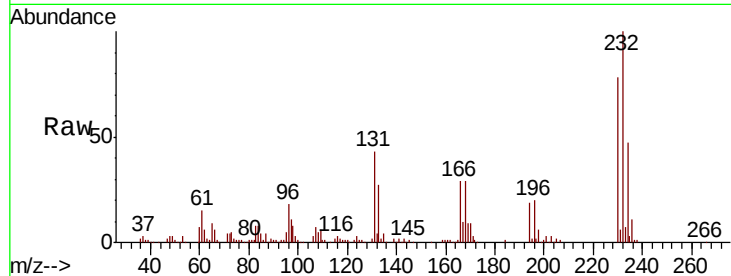
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.365 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.8	50.8
130	2.3	1.8	2.6
166	26.8	23.0	34.4

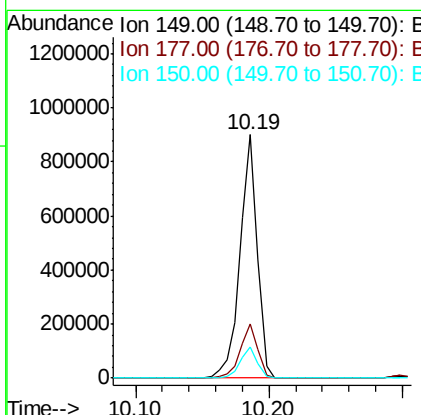
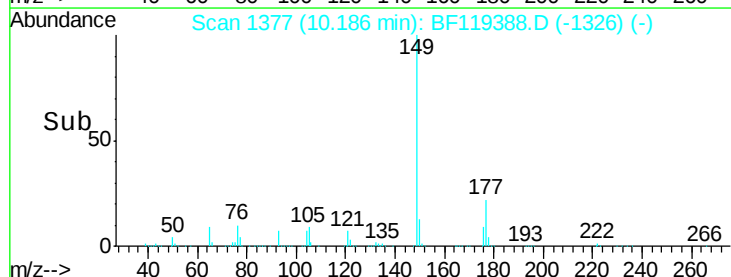
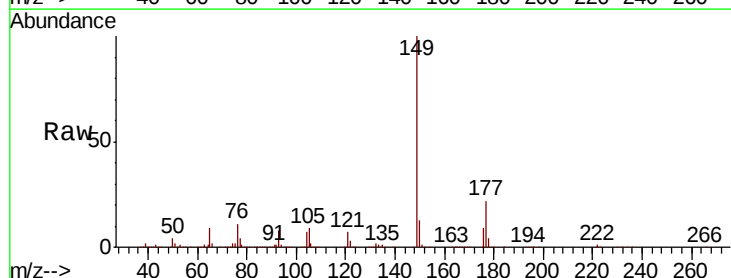
Manual Integrations
 APPROVED

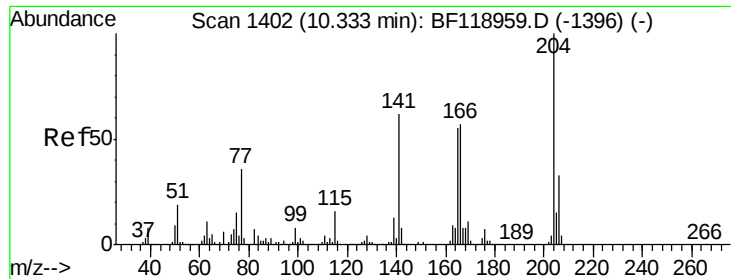
mohammad
 3/16/2020 1:47:35 PM



#60
 Diethylphthalate
 Concen: 42.392 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.5	10.5	15.7





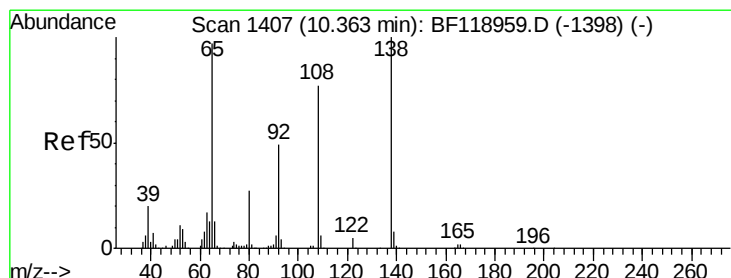
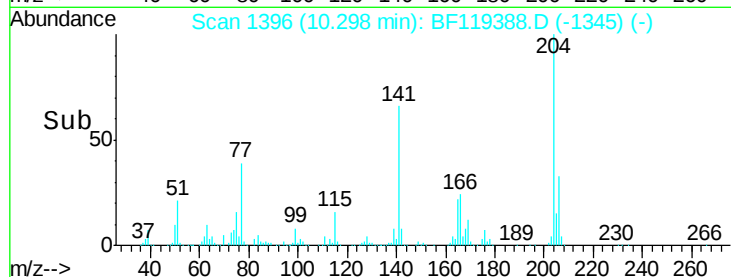
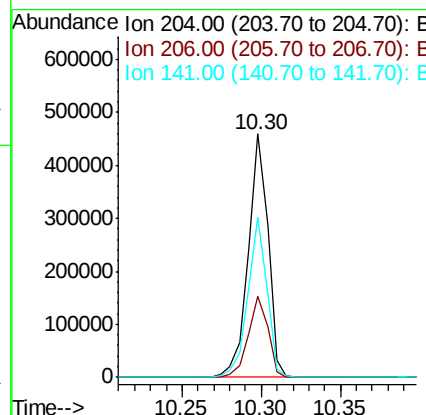
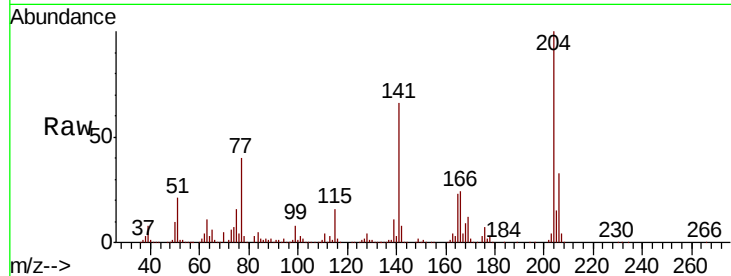
#61
4-Chlorophenyl-phenylether
Concen: 42.664 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.1	40.7
141	66.2	52.9	79.3

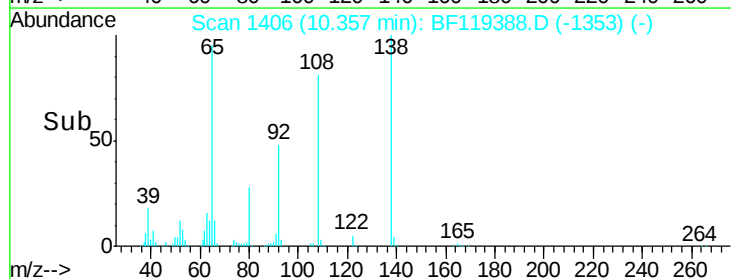
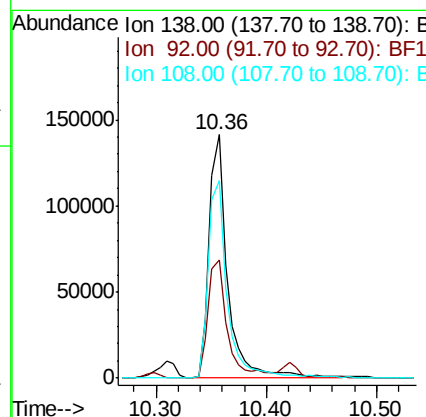
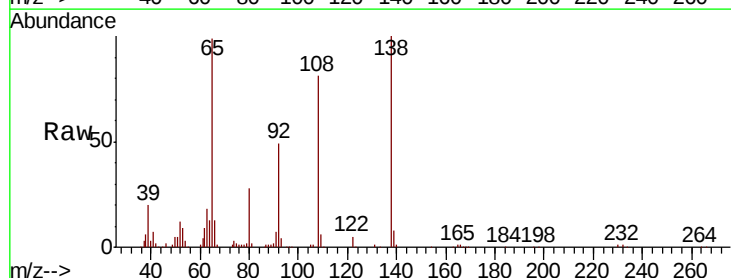
Manual Integrations
APPROVED

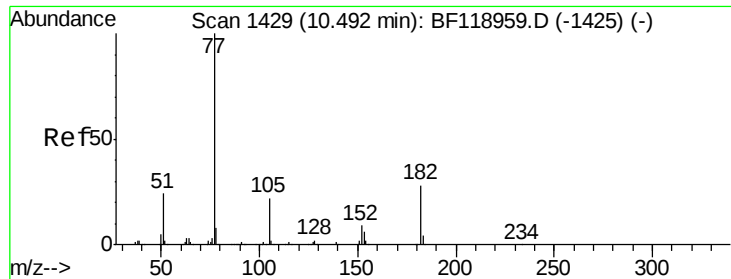
mohammad
3/16/2020 1:47:35 PM



#62
4-Nitroaniline
Concen: 31.386 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	27.3	67.3
108	81.2	57.0	97.0





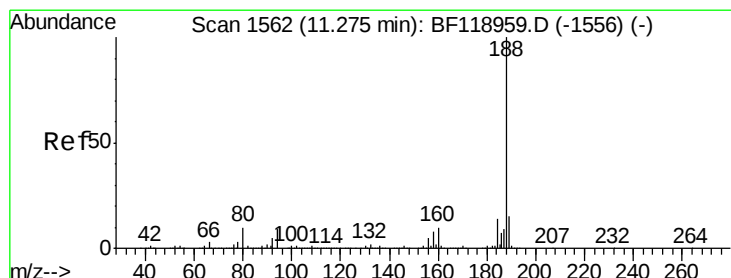
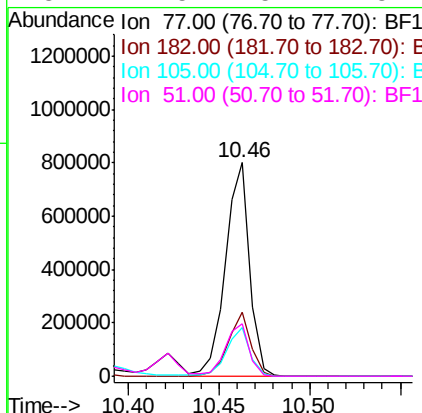
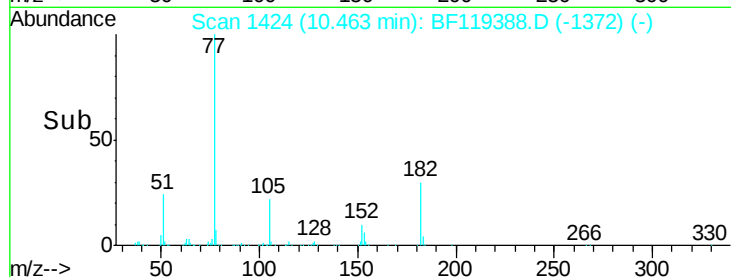
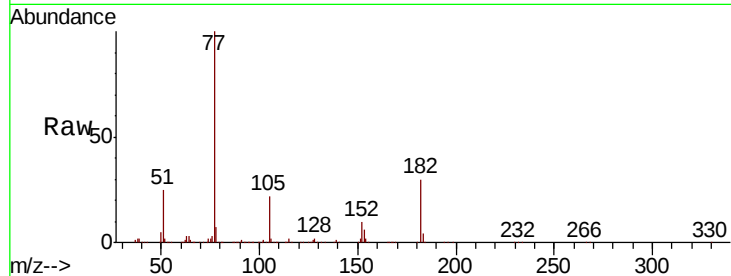
#63
Azobenzene
Concen: 44.339 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.7	11.4	51.4	
105	22.5	3.4	43.4	
51	24.5	5.1	45.1	

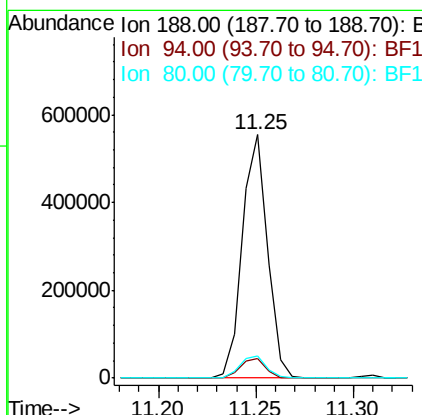
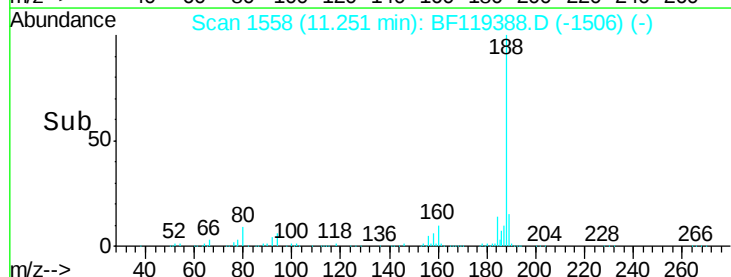
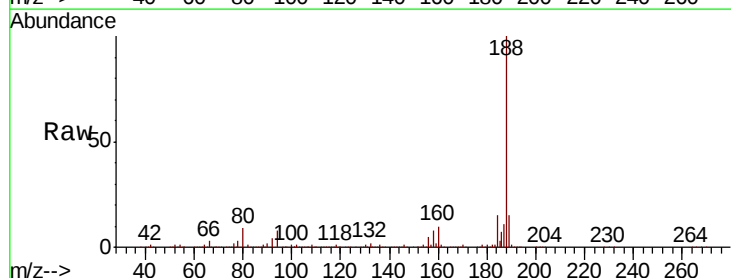
Manual Integrations
APPROVED

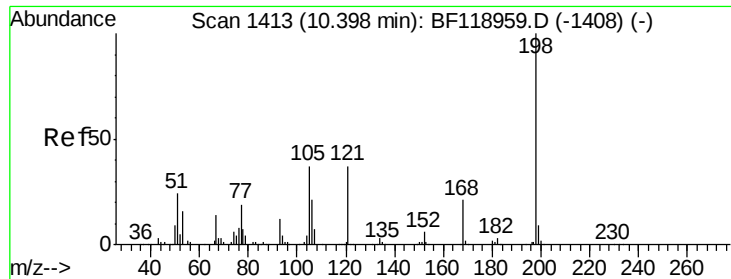
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.1	10.7	
80	9.0	7.8	11.8	





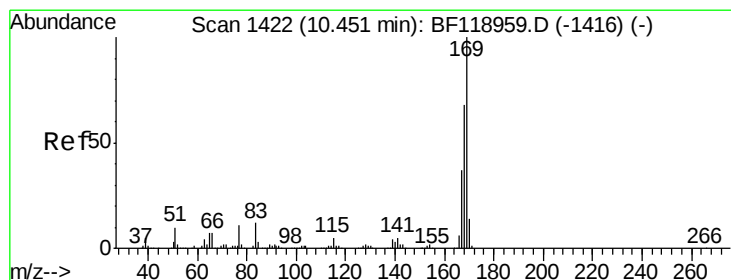
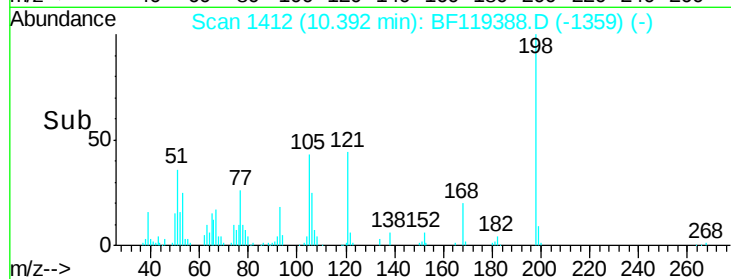
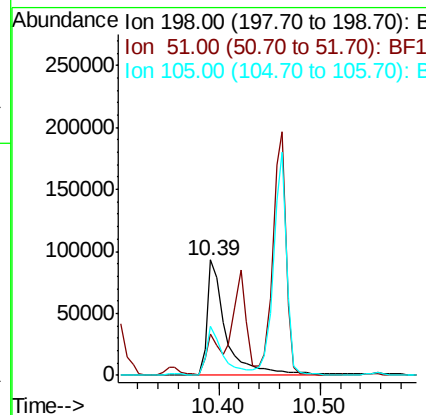
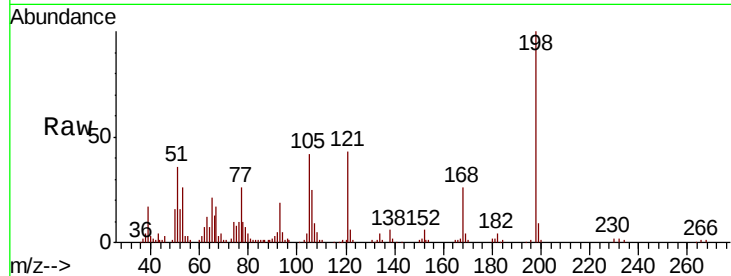
#65
4,6-Dinitro-2-methylphenol
Concen: 40.659 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122127		
51	35.6	14.2	54.2	
105	42.1	22.7	62.7	

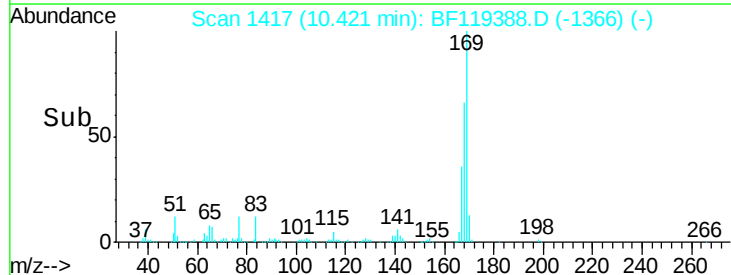
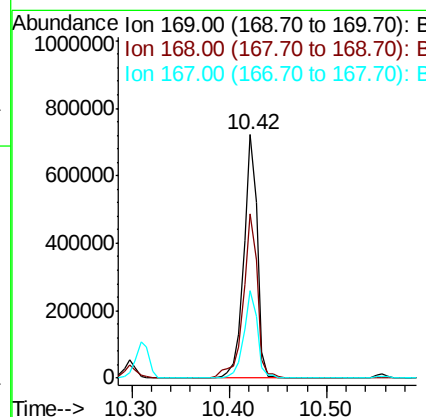
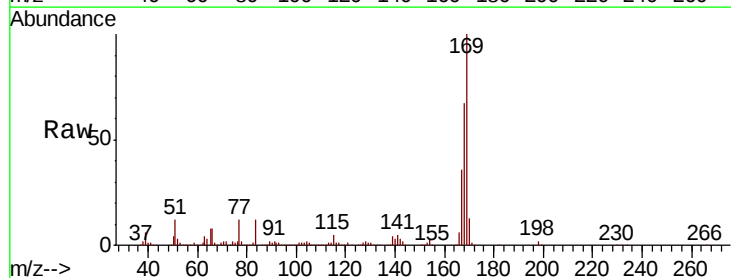
Manual Integrations
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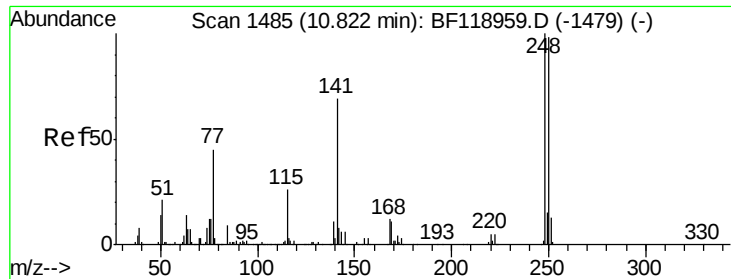
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.223 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	686271		
168	67.3	54.1	81.1	
167	36.1	29.4	44.0	





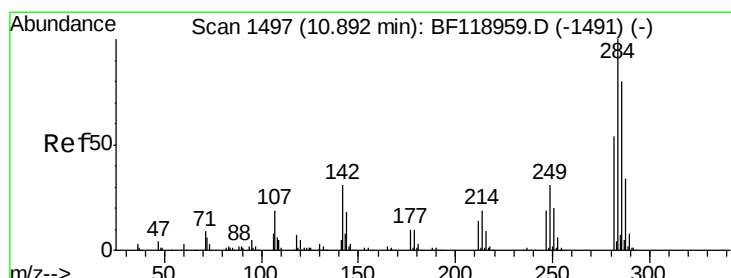
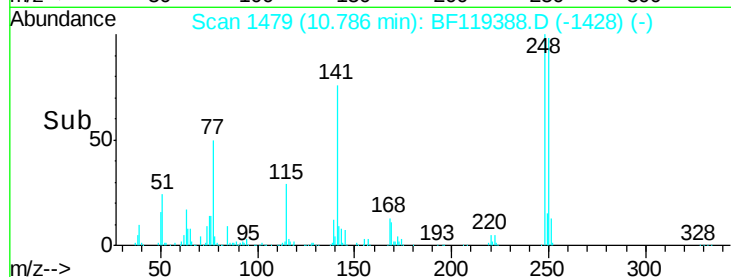
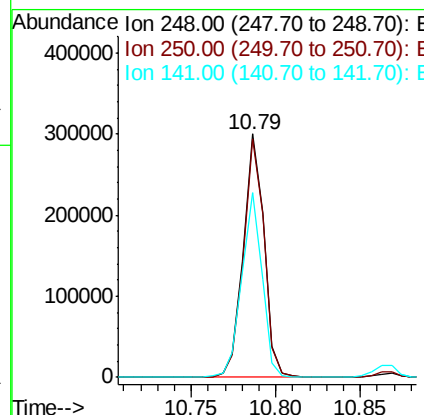
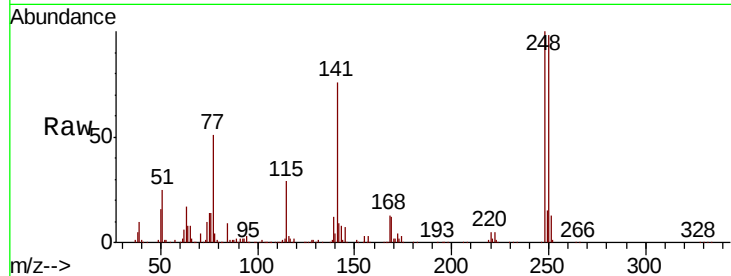
#67
4-Bromophenyl-phenylether
Concen: 39.542 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.7	115.1
141	75.6	60.7	91.1

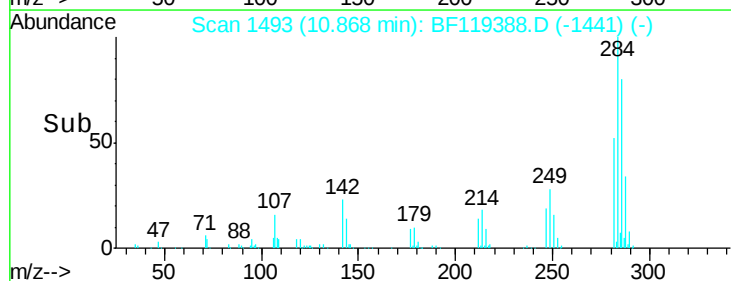
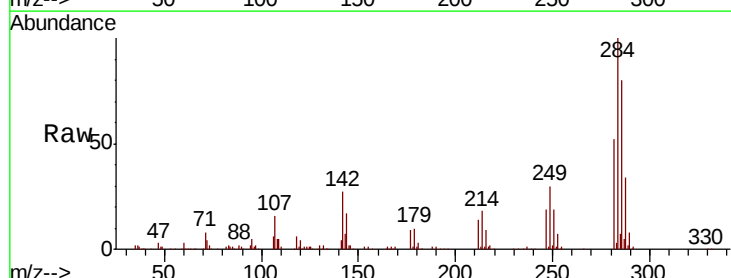
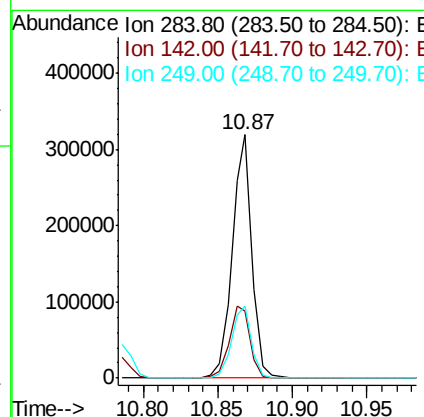
Manual Integrations
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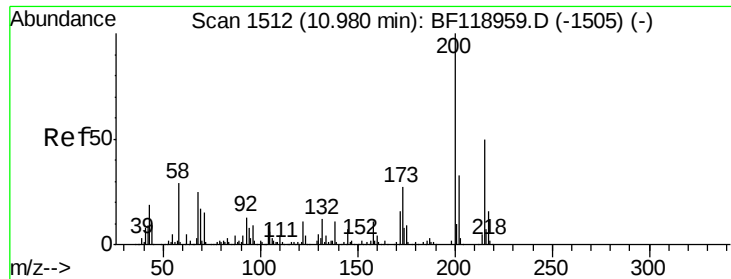
mohammad
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#68
Hexachlorobenzene
Concen: 39.446 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.7	35.5
249	29.7	25.0	37.6





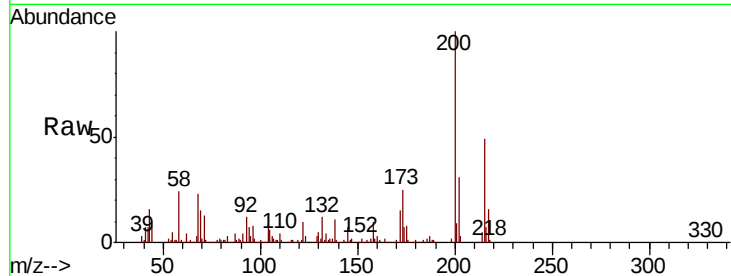
#69
Atrazine
Concen: 39.425 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.1	6.4	46.4	
215	49.4	27.4	67.4	

Manual Integrations
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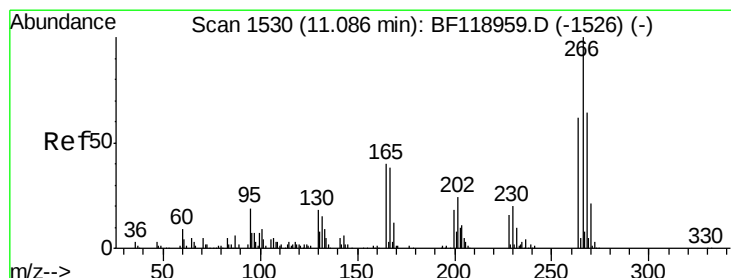
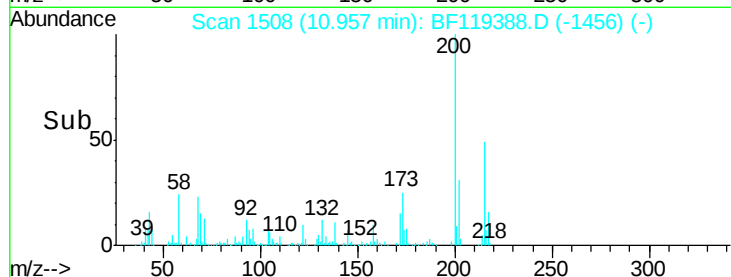
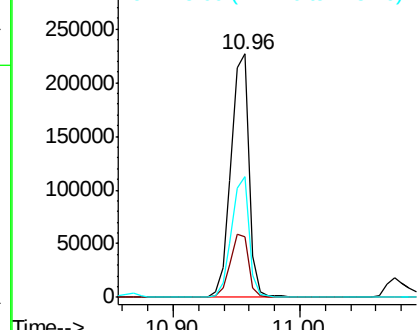


Abundance

Ion 200.00 (199.70 to 200.70): E

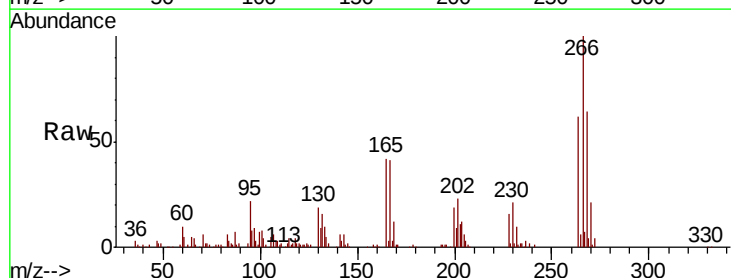
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 60.380 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.3	51.9	77.9	
264	62.2	51.0	76.4	

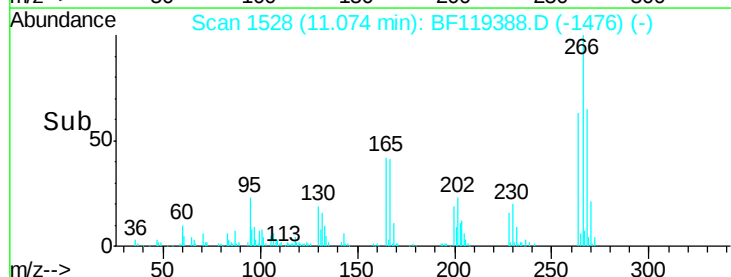
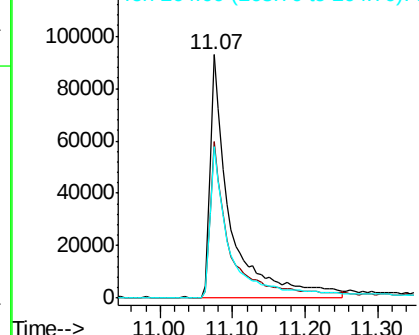


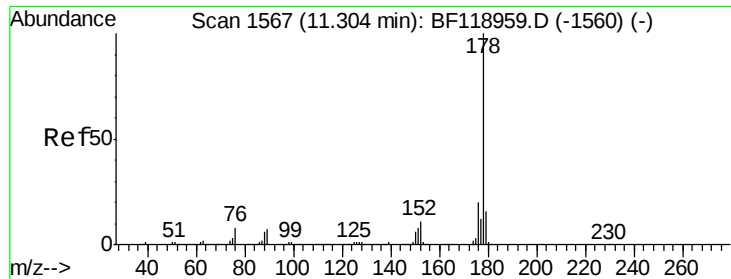
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





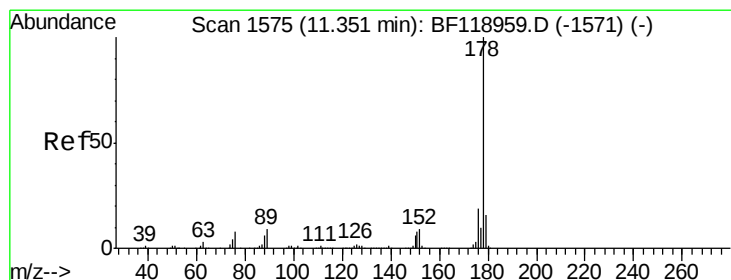
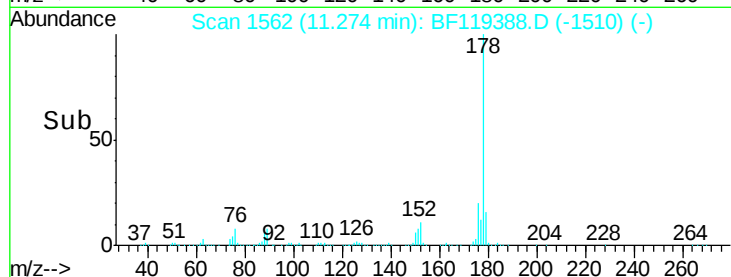
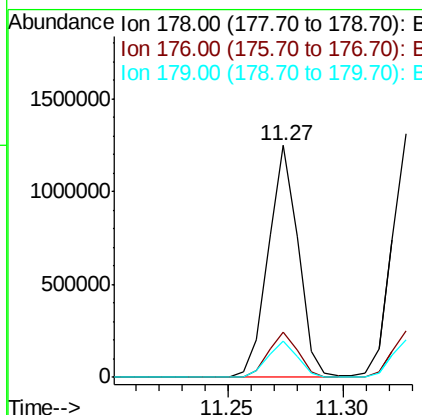
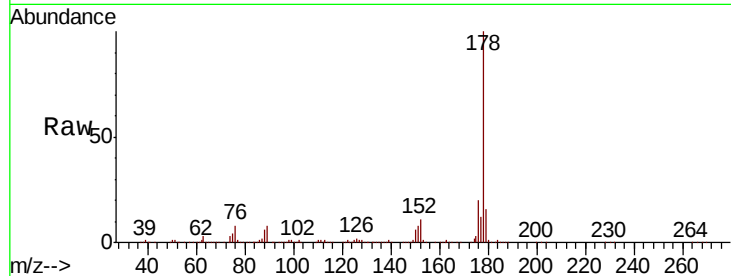
#71
Phenanthrene
Concen: 41.487 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion:178 Resp: 1123079
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.6 13.0 19.6

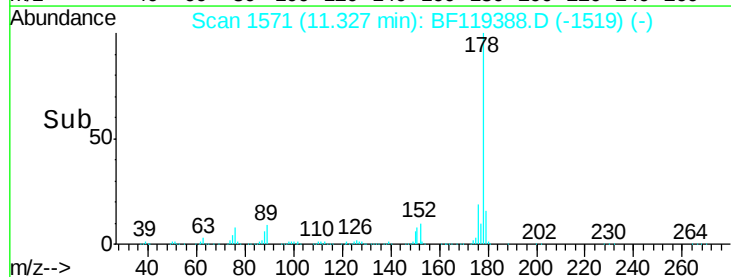
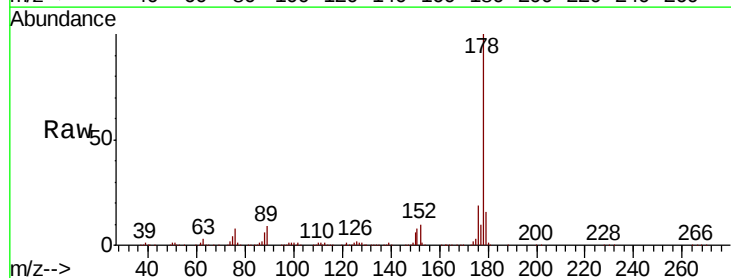
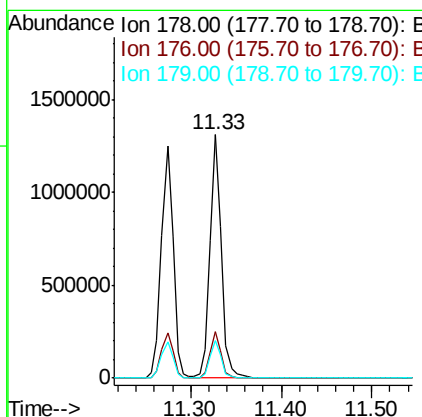
Manual Integrations
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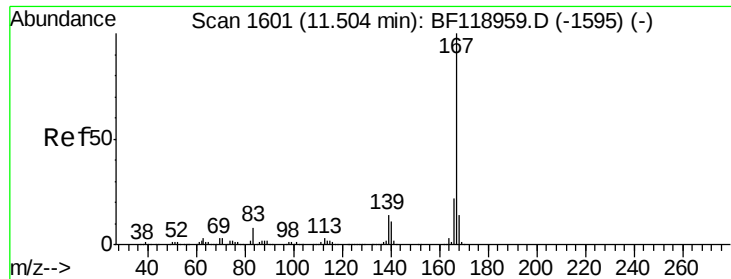
mohammad
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#72
Anthracene
Concen: 43.547 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion:178 Resp: 1177841
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.6 13.1 19.7





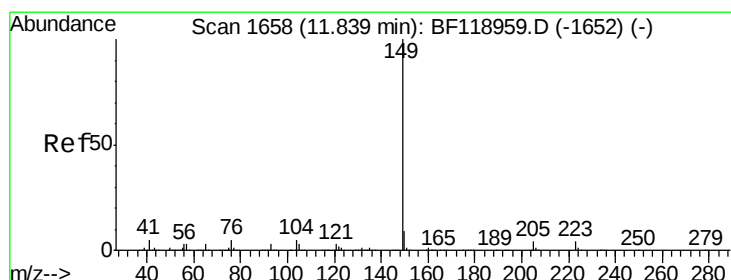
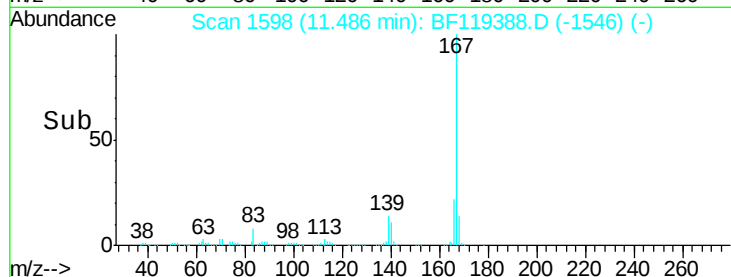
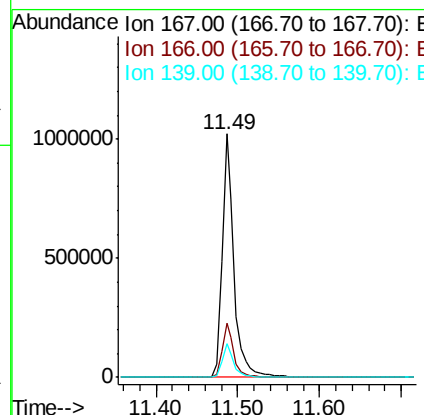
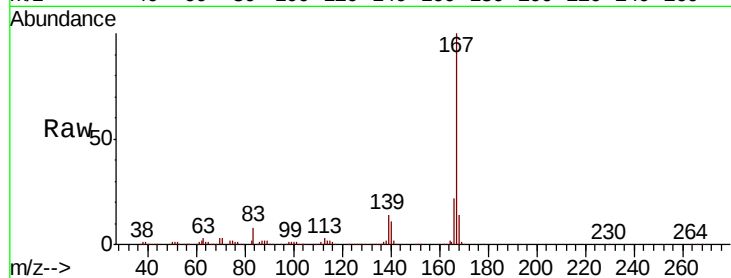
#73
 Carbazole
 Concen: 42.416 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	14.0	11.7	17.5

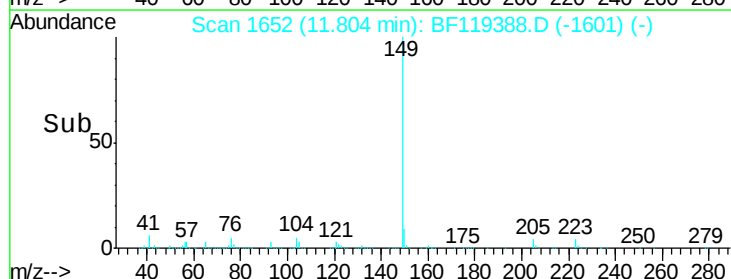
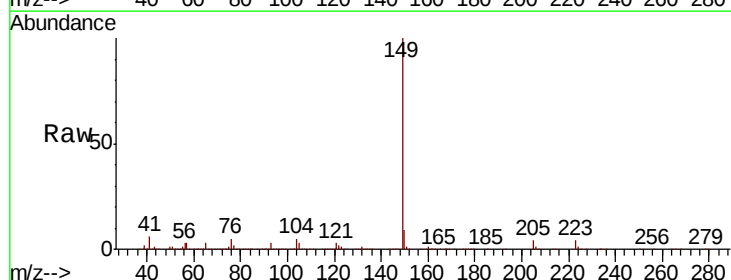
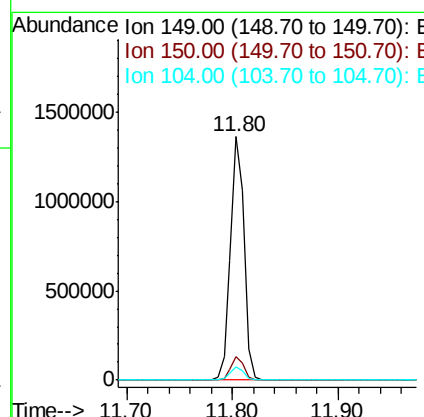
Manual Integrations
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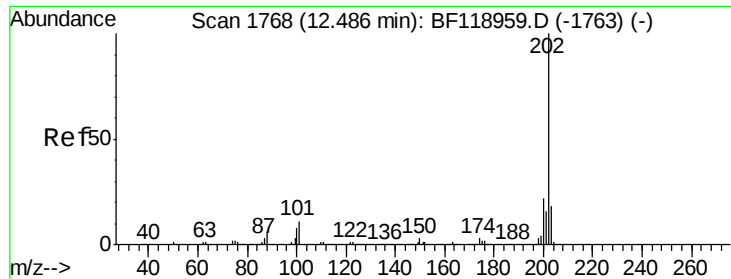
mohammad
 3/16/2020 1:47:35 PM



#74
 Di-n-butylphthalate
 Concen: 41.754 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 41.557 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

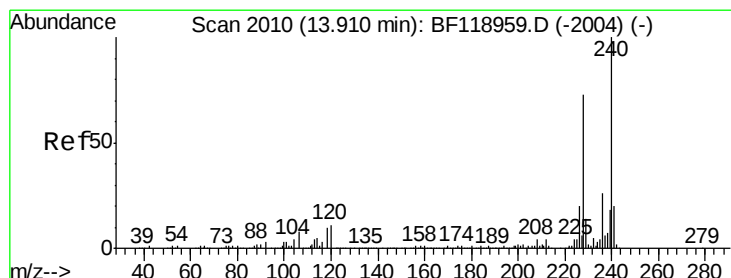
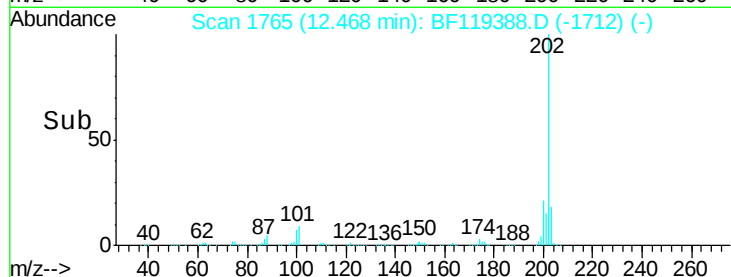
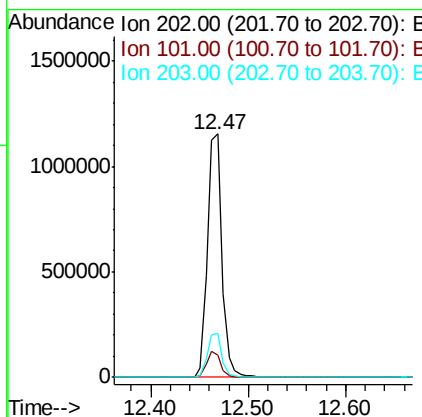
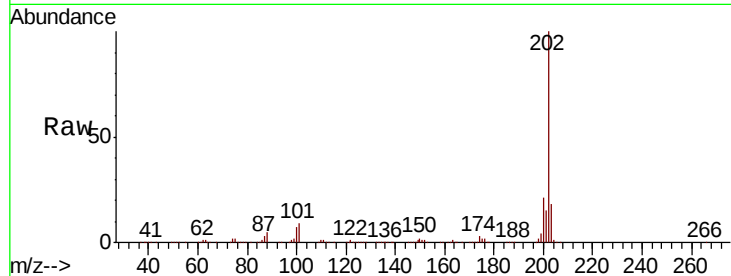
ClientSampleId :

HD-01-031120MS

Tot Ion:	202	Resp:	1194125
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.3
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

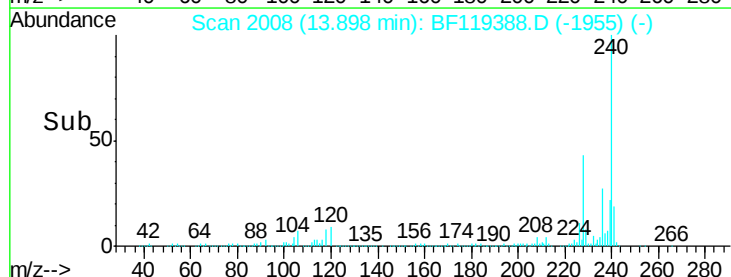
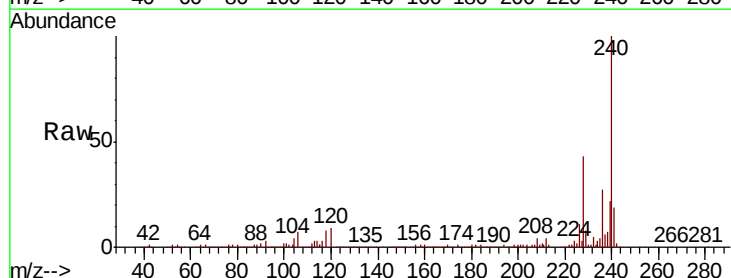
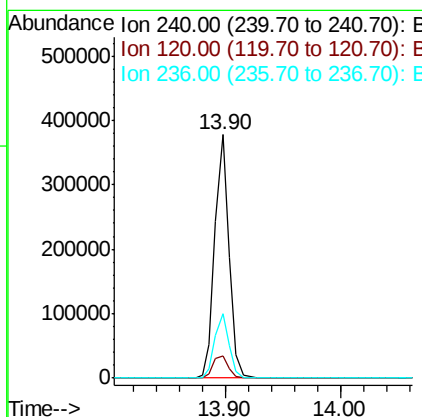
RT: 13.90 min Scan# 2008

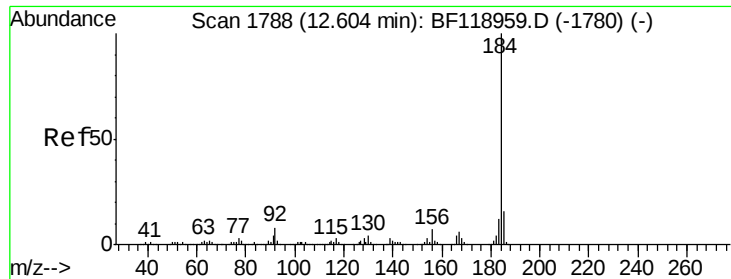
Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:	240	Resp:	324078
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.4	12.6
236	26.5	21.0	31.4





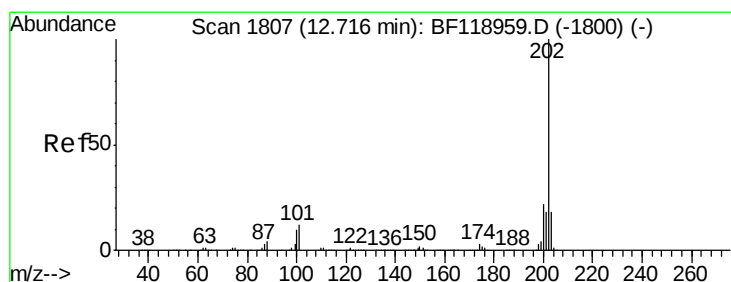
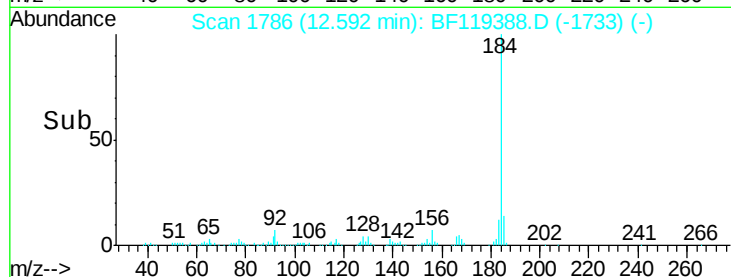
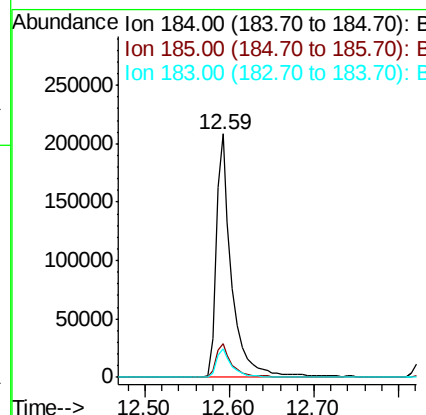
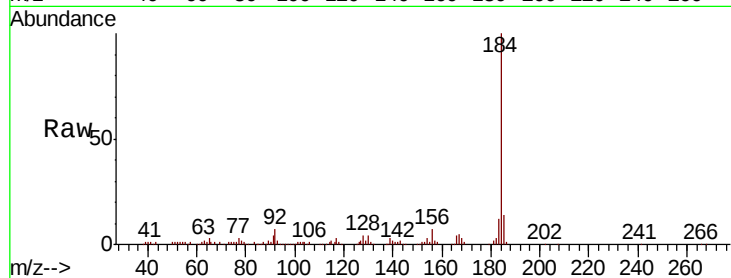
#77
Benzidine
Concen: 20.498 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.2	18.4
183	11.7	9.9	14.9

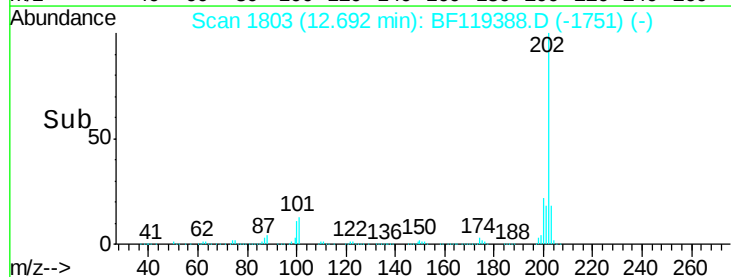
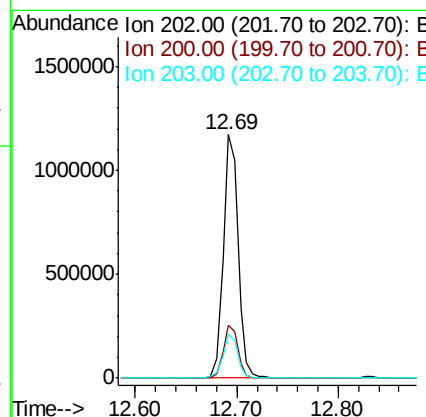
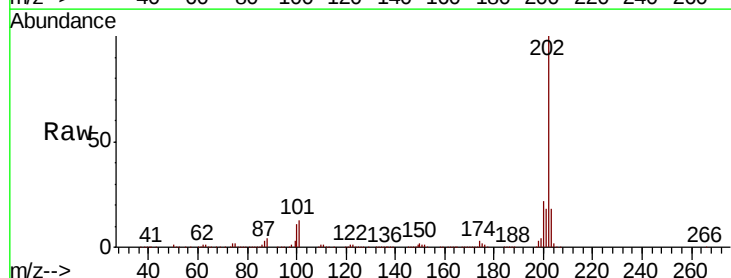
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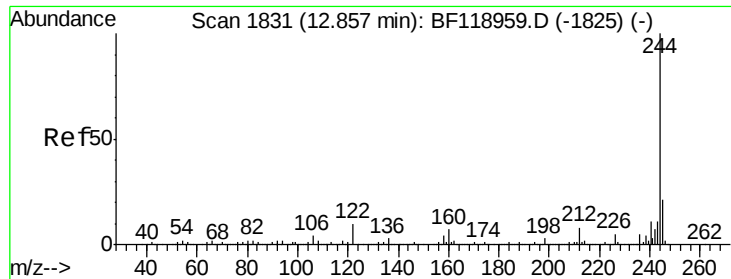
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#78
Pyrene
Concen: 45.530 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.0	27.0
203	18.1	14.6	22.0





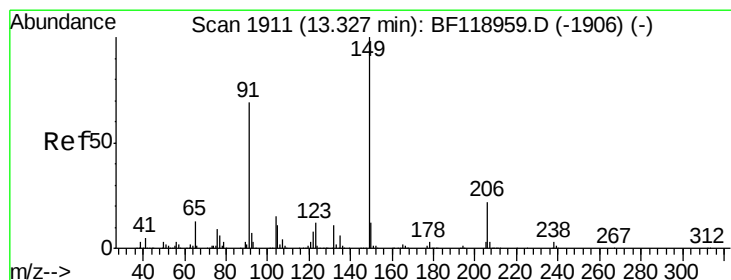
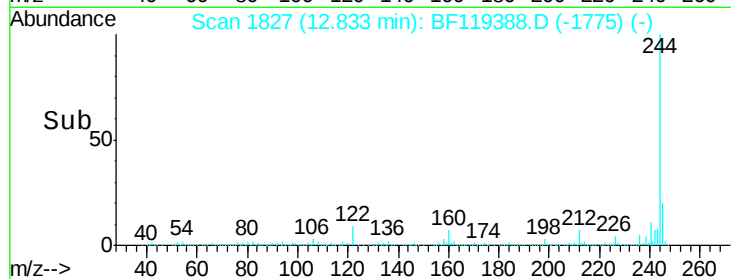
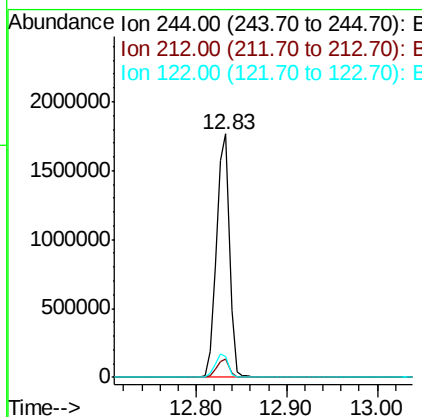
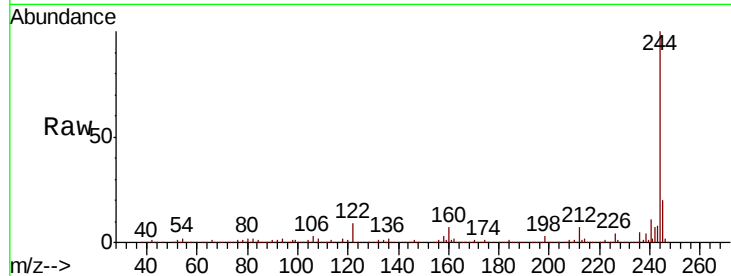
#79
 Terphenyl-d14
 Concen: 92.441 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	8.8	8.2	12.2

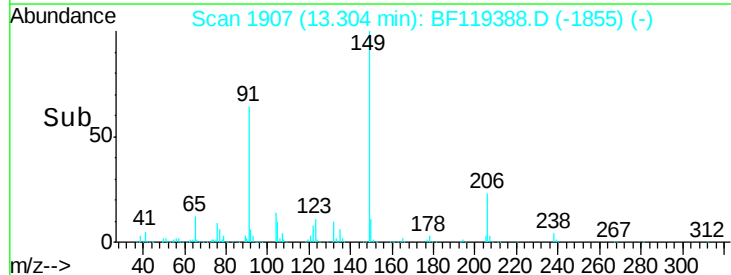
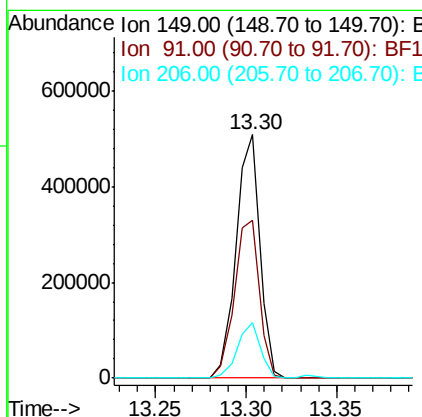
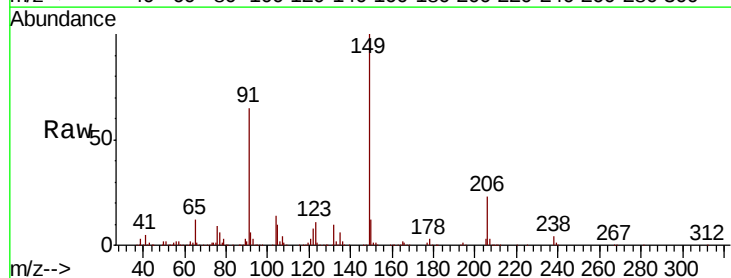
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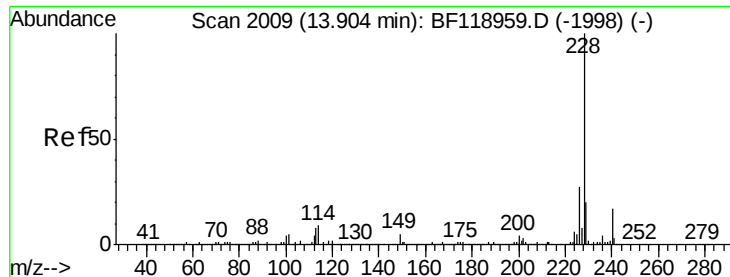
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#80
 Butylbenzylphthalate
 Concen: 42.634 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.6	52.3	78.5
206	22.6	18.5	27.7





#81

Benzo(a)anthracene

Concen: 43.273 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

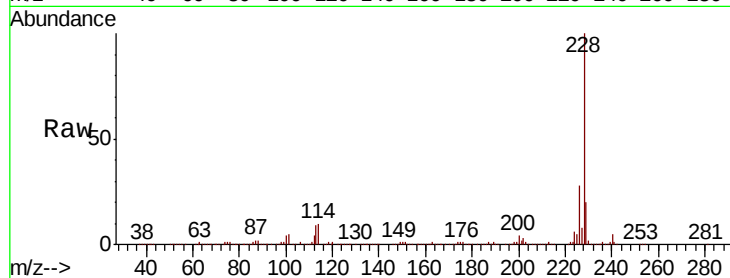
ClientSampleId :

HD-01-031120MS

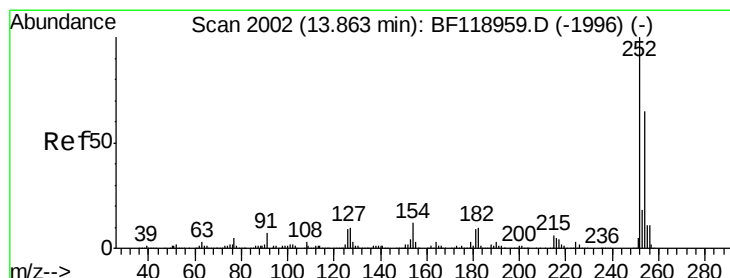
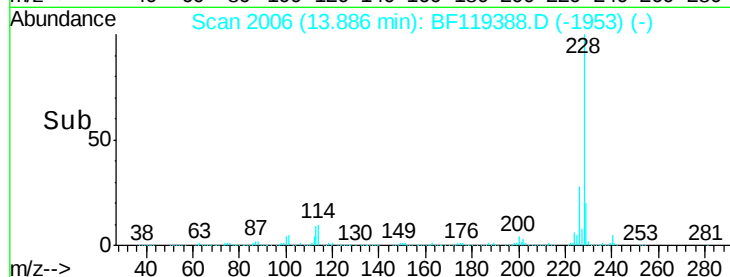
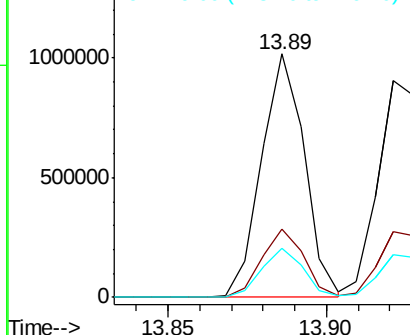
Tot Ion:	228	Resp:	955527
Ion Ratio		Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	16.6	24.8

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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: 15.534 ng

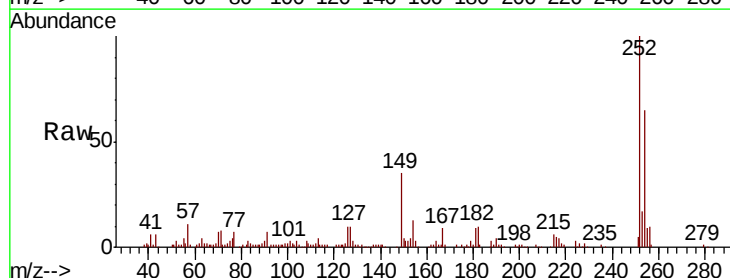
RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

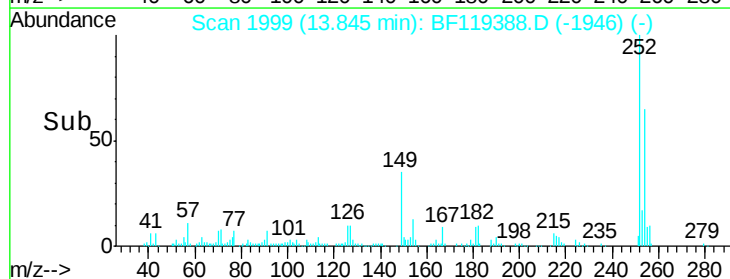
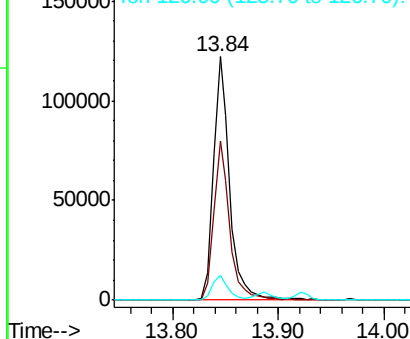
Lab File: BF119388.D

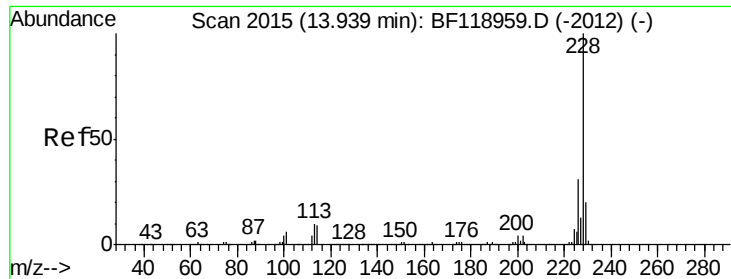
Acq: 12 Mar 2020 19:03

Tgt Ion:	252	Resp:	133196
Ion Ratio		Lower	Upper
252	100		
254	65.3	51.6	77.4
126	10.1	7.4	11.0



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





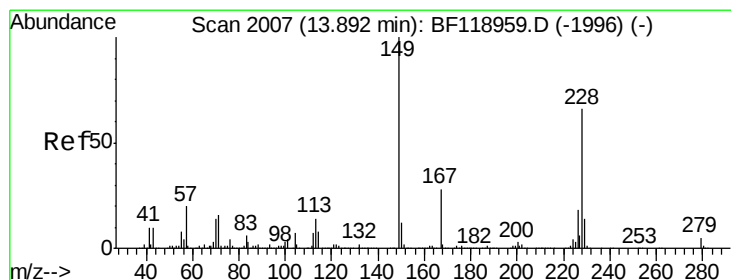
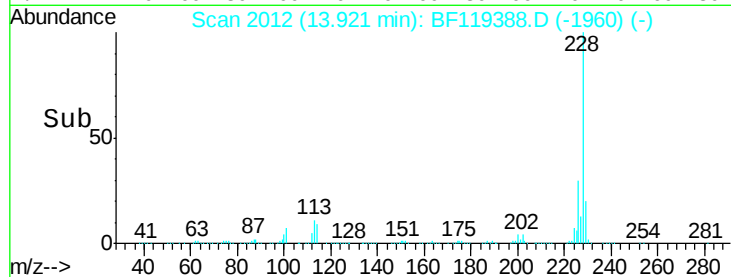
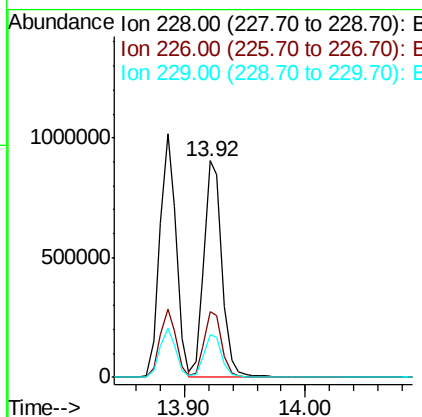
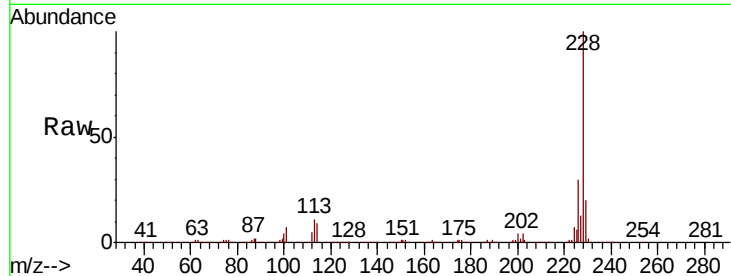
#83
 Chrvsene
 Concen: 42.623 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	19.9	16.3	24.5

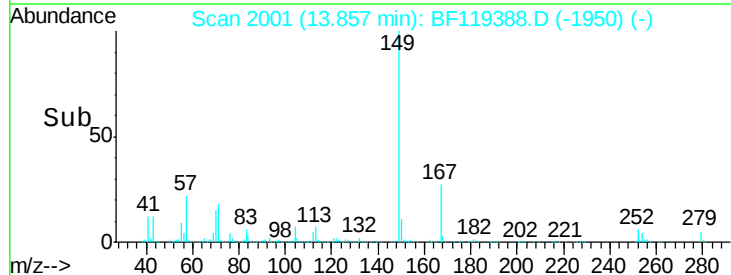
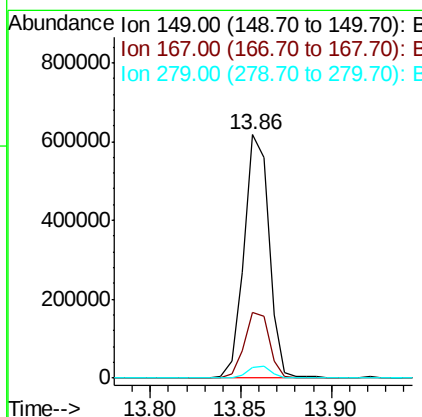
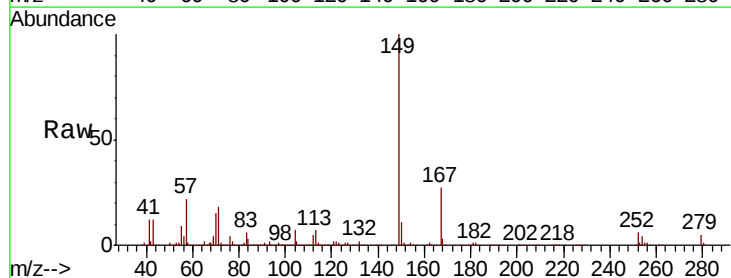
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.799 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF119388.D
 Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.8	34.2
279	4.6	4.6	6.8#





#85

Di-n-octyl phthalate

Concen: 38.533 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Instrument :

BNA_F

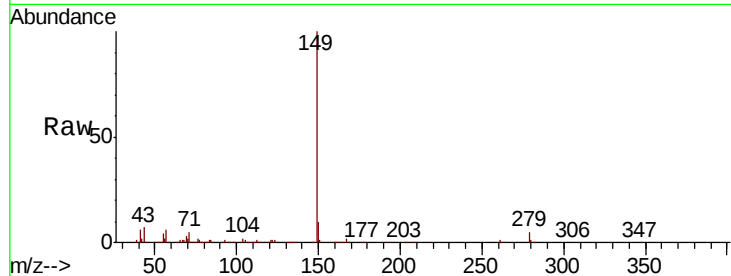
ClientSampleId :

HD-01-031120MS

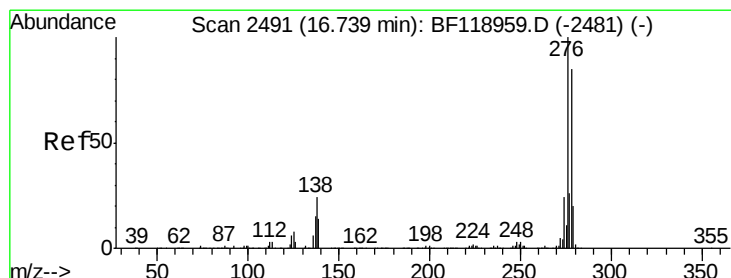
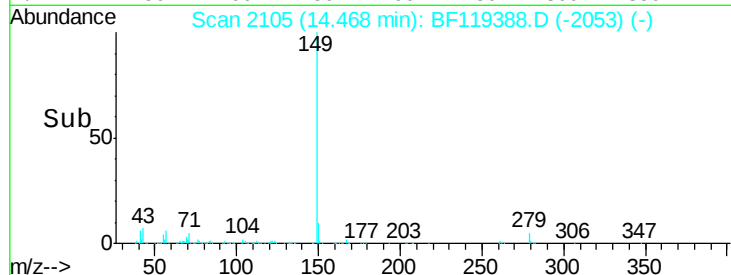
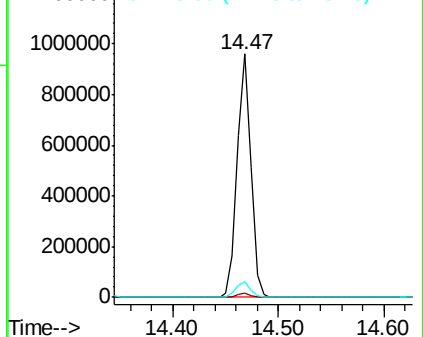
Tot Ion:	149	Resp:	849497
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.7	5.7	8.5

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.290 ng

RT: 16.76 min Scan# 2494

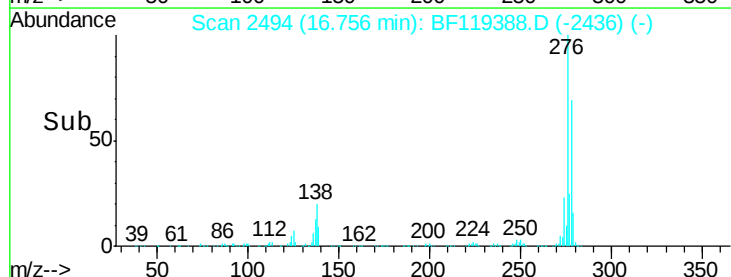
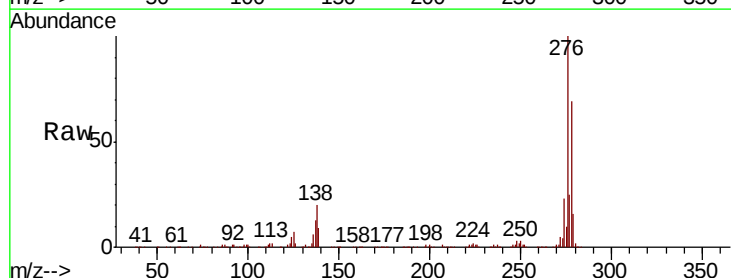
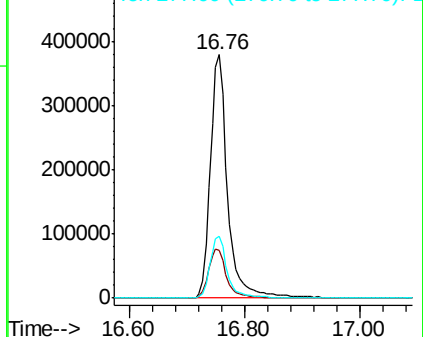
Delta R.T. 0.04 min

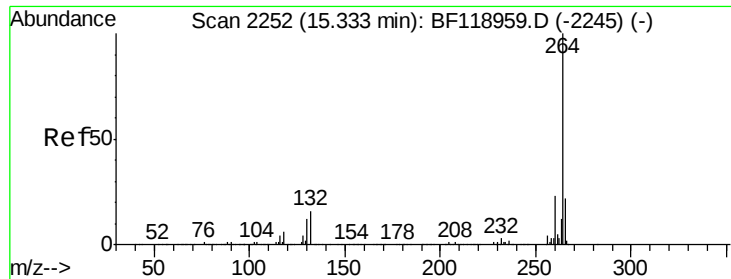
Lab File: BF119388.D

Acq: 12 Mar 2020 19:03

Tgt Ion:	276	Resp:	794437
Ion Ratio	Lower	Upper	
276	100		
138	21.3	17.4	26.0
277	25.5	20.3	30.5

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





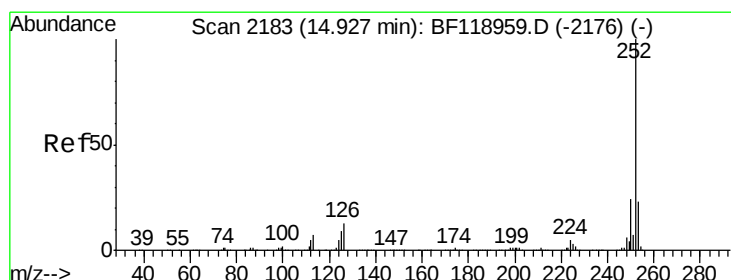
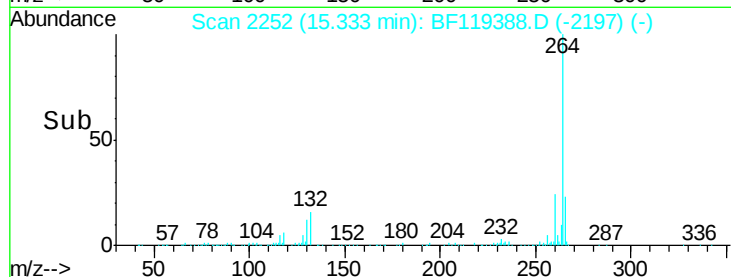
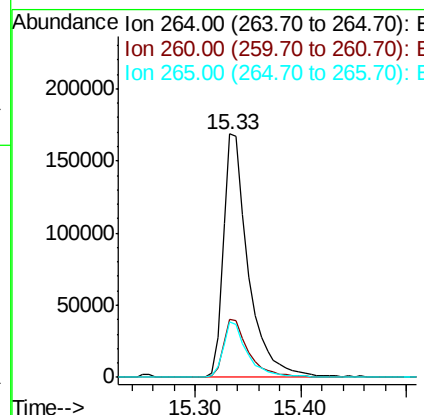
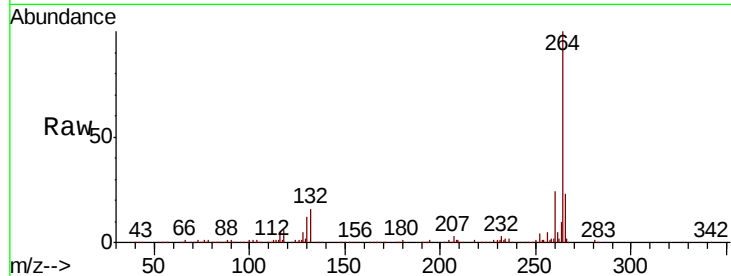
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.7	19.4	29.2		
265	22.6	17.7	26.5		

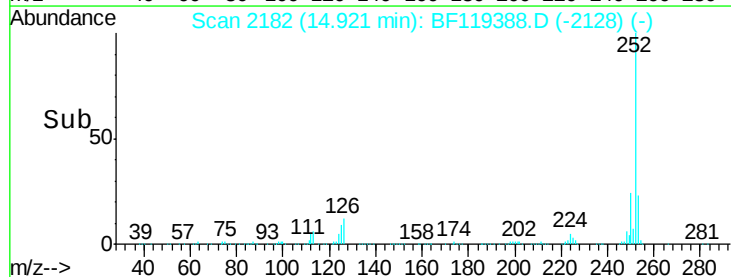
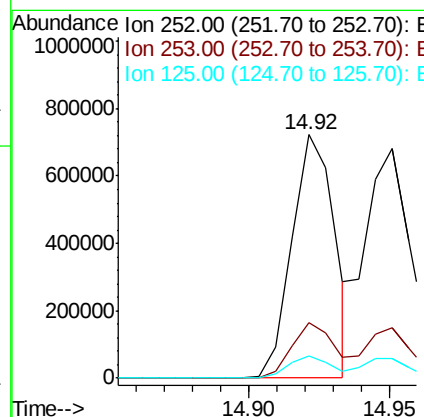
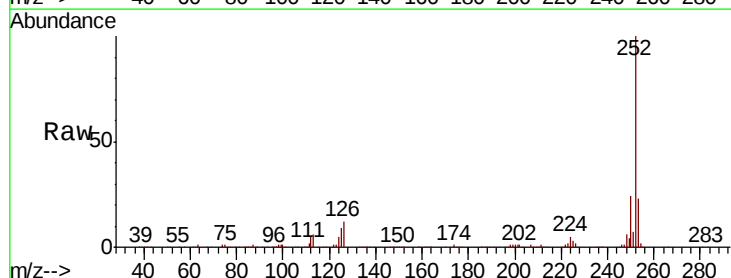
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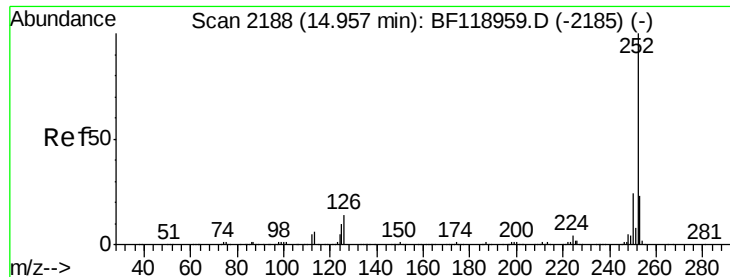
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#88
Benzo(b)fluoranthene
Concen: 41.132 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.5	18.1	27.1		
125	9.3	7.4	11.0		





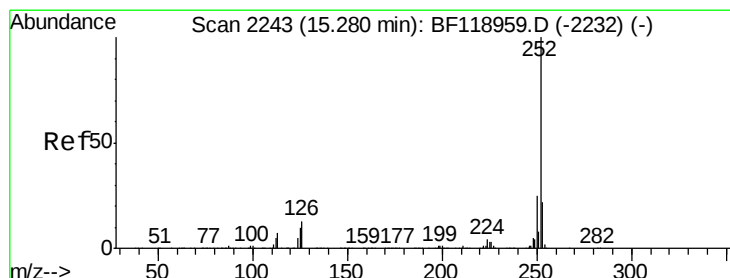
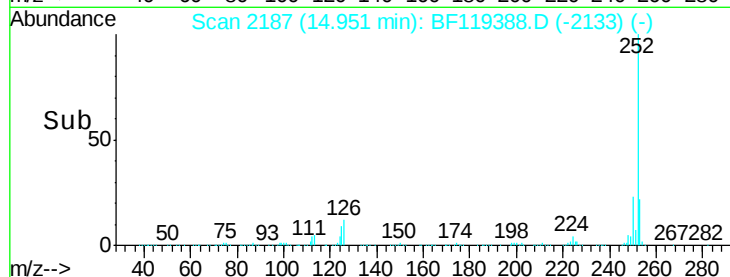
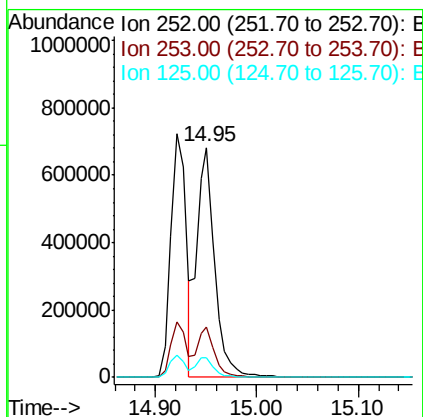
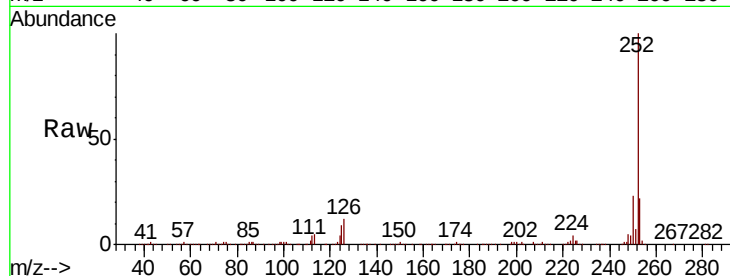
#89
Benzo(k)fluoranthene
Concen: 48.266 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.7	7.5	11.3

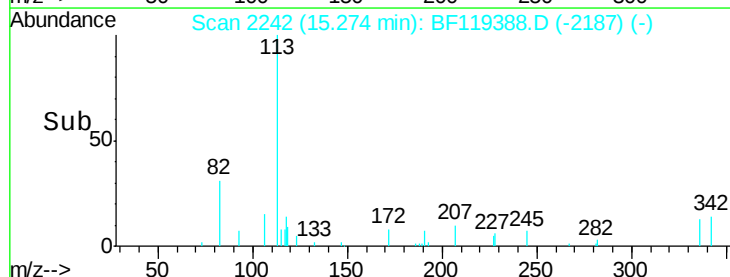
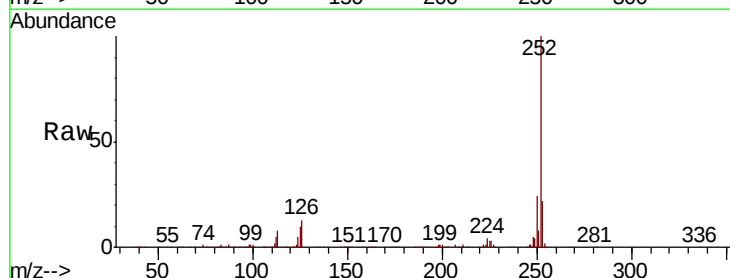
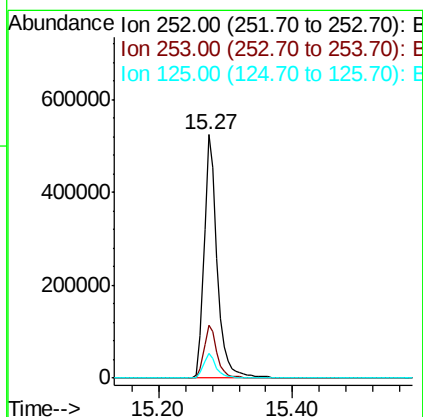
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#90
Benzo(a)pyrene
Concen: 42.050 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.0	8.6	12.8





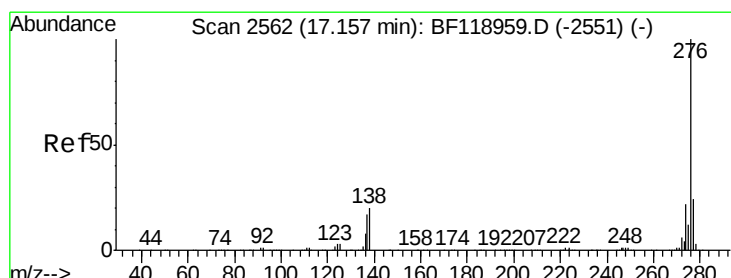
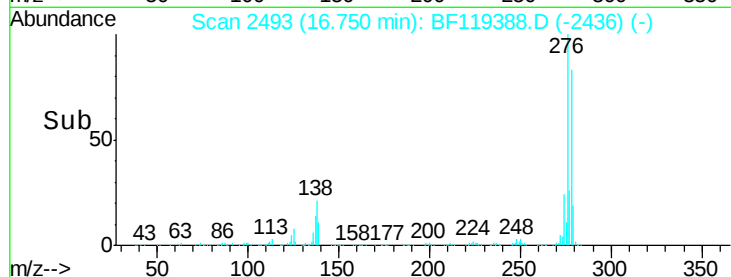
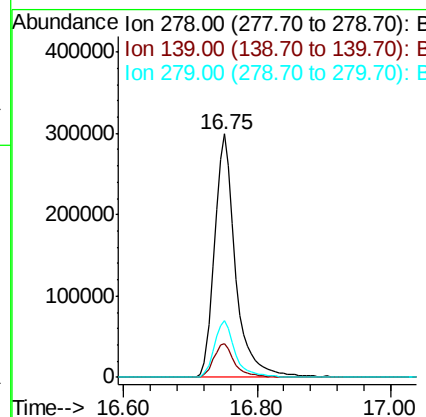
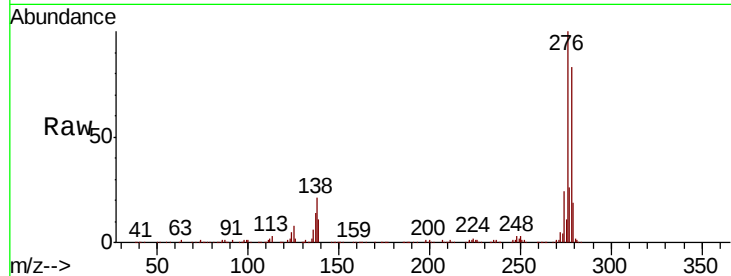
#91
Dibenzo(a,h)anthracene
Concen: 45.160 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.0	16.4
279	23.2	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 46.428 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF119388.D
Acq: 12 Mar 2020 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	18.6	14.3	21.5

