

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116201.D
 Acq On : 12 Aug 2019 20:58
 Operator : HP/JU
 Sample : K4085-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:35 AM

Quant Time: Aug 13 01:42:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116854	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	464460	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	258940	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	481954	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	386041	20.00	ng	0.00
87) Perylene-d12	15.46	264	388242	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	884333	126.69	ng	0.00
7) Phenol-d6	6.48	99	1058599	120.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	802431	99.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	352846	140.55	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1378766	99.73	ng	-0.01
79) Terphenyl-d14	12.94	244	1754730	95.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	134733	38.207	ng	# 85
3) Pyridine	3.45	79	239794	24.343	ng	98
4) n-Nitrosodimethylamine	3.36	42	154128	39.648	ng	99
6) Aniline	6.50	93	126270	10.012	ng	# 67
8) 2-Chlorophenol	6.63	128	368252	47.709	ng	100
9) Benzaldehyde	6.39	77	168343	27.703	ng	99
10) Phenol	6.49	94	391282	37.729	ng	78
11) bis(2-Chloroethyl)ether	6.57	93	362138	47.495	ng	97
12) 1,3-Dichlorobenzene	6.77	146	394814	44.259	ng	99
13) 1,4-Dichlorobenzene	6.85	146	404498	45.287	ng	98
14) 1,2-Dichlorobenzene	7.00	146	374085	45.485	ng	99
15) Benzyl Alcohol	6.98	79	307724	46.043	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	476796	45.845	ng	90
17) 2-Methylphenol	7.10	107	305441	46.733	ng	95
18) Hexachloroethane	7.34	117	147869	44.966	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	263051	48.201	ng	98
20) 3+4-Methylphenols	7.25	107	380053	49.138	ng	94
22) Acetophenone	7.25	105	515320	50.590	ng	95
24) Nitrobenzene	7.42	77	417342	48.036	ng	98
25) Isophorone	7.66	82	766732	49.834	ng	99
26) 2-Nitrophenol	7.73	139	206781	50.490	ng	100
27) 2,4-Dimethylphenol	7.77	122	337799	54.824	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	469262	49.208	ng	100
29) 2,4-Dichlorophenol	7.98	162	333325	51.235	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	348399	46.980	ng	99
31) Naphthalene	8.13	128	1089748	49.859	ng	99
32) Benzoic acid	7.93	122	160430	36.931	ng	100
33) 4-Chloroaniline	8.20	127	85215	8.726	ng	98
34) Hexachlorobutadiene	8.25	225	196593	46.024	ng	100
35) Caprolactam	8.57	113	77408m	36.789	ng	
36) 4-Chloro-3-methylphenol	8.68	107	342223	50.564	ng	100
37) 2-Methylnaphthalene	8.83	142	733513	50.958	ng	99
38) 1-Methylnaphthalene	8.93	142	689549	50.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	338233	48.860	ng	100

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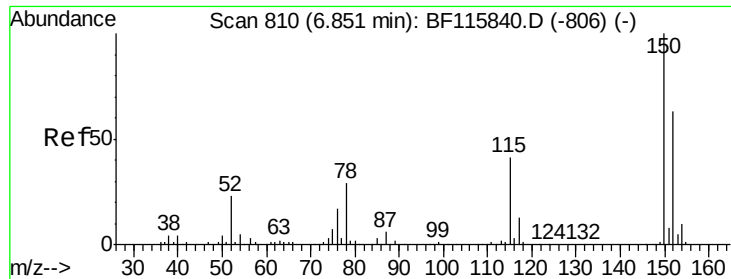
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	178738	59.179	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	220061	46.184	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	232771	47.259	ng	98
46) 1,1'-Biphenyl	9.29	154	906407	49.582	ng	98
47) 2-Chloronaphthalene	9.32	162	714229	46.942	ng	99
48) 2-Nitroaniline	9.42	65	225055	44.750	ng	97
49) Acenaphthylene	9.73	152	1077556	48.544	ng	99
50) Dimethylphthalate	9.59	163	842309	47.775	ng	100
51) 2,6-Dinitrotoluene	9.66	165	188324	49.151	ng	98
52) Acenaphthene	9.90	154	651252	47.823	ng	99
53) 3-Nitroaniline	9.83	138	84364	17.820	ng	98
54) 2,4-Dinitrophenol	9.95	184	145355	75.117	ng	97
55) Dibenzofuran	10.08	168	931137	47.018	ng	100
56) 4-Nitrophenol	10.01	139	232261	76.583	ng	96
57) 2,4-Dinitrotoluene	10.07	165	237780	46.611	ng	96
58) Fluorene	10.42	166	761302	49.965	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	210289	50.747	ng	99
60) Diethylphthalate	10.29	149	826104	50.186	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	379538	49.184	ng	99
62) 4-Nitroaniline	10.45	138	209081	42.734	ng	99
63) Azobenzene	10.57	77	845045	49.912	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	117383	45.960	ng	89
66) n-Nitrosodiphenylamine	10.53	169	682800	47.069	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	240052	46.528	ng	99
68) Hexachlorobenzene	10.97	284	272366	45.654	ng	98
69) Atrazine	11.06	200	227871	47.749	ng	98
70) Pentachlorophenol	11.17	266	257419	88.874	ng	97
71) Phenanthrene	11.39	178	1153316	46.809	ng	100
72) Anthracene	11.44	178	1203819	48.278	ng	99
73) Carbazole	11.59	167	1127092	49.822	ng	100
74) Di-n-butylphthalate	11.91	149	1410465	53.447	ng	99
75) Fluoranthene	12.57	202	1304832	50.586	ng	98
77) Benzidine	12.70	184	95278	7.305	ng	98
78) Pyrene	12.80	202	1322413	45.443	ng	99
80) Butylbenzylphthalate	13.41	149	634422	51.539	ng	99
81) Benzo(a)anthracene	13.99	228	1153990	46.769	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	159748	18.635	ng	98
83) Chrysene	14.03	228	1124350	46.936	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	922205	57.652	ng	99
85) Di-n-octyl phthalate	14.57	149	1503259	59.165	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1019210	50.657	ng	99
88) Benzo(b)fluoranthene	15.04	252	1102452	49.110	ng	98
89) Benzo(k)fluoranthene	15.07	252	951147	43.500	ng	98
90) Benzo(a)pyrene	15.41	252	976336	48.653	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	867213	49.925	ng	99
92) Benzo(g,h,i)perylene	17.39	276	853856	50.052	ng	97

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



#1

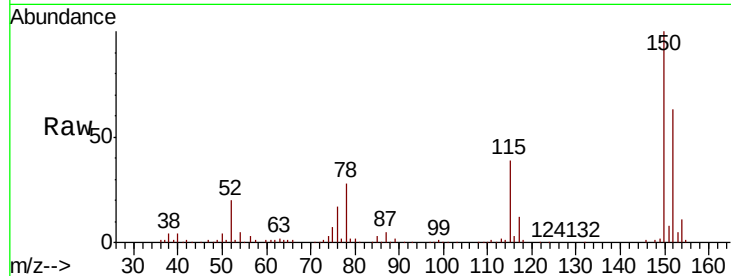
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	61.6	49.9	74.9

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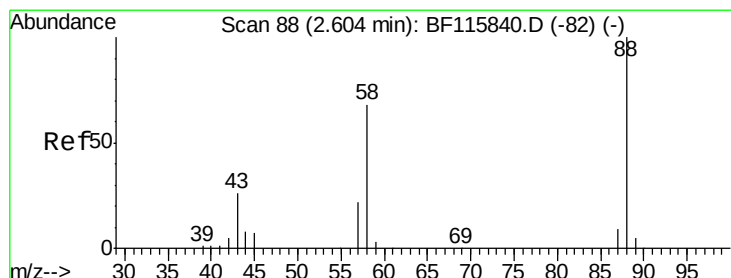
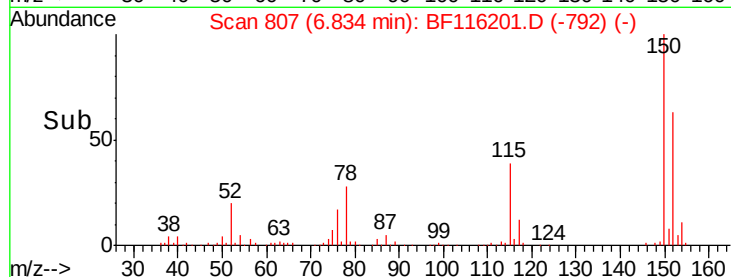
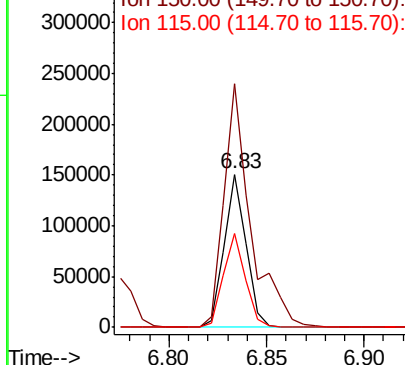


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

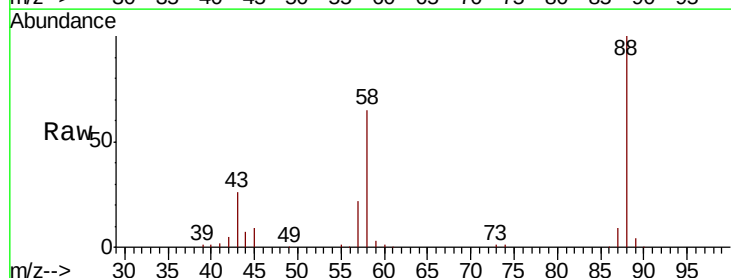
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.207 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.09 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	53.7	80.5
43	0.0	21.0	31.4

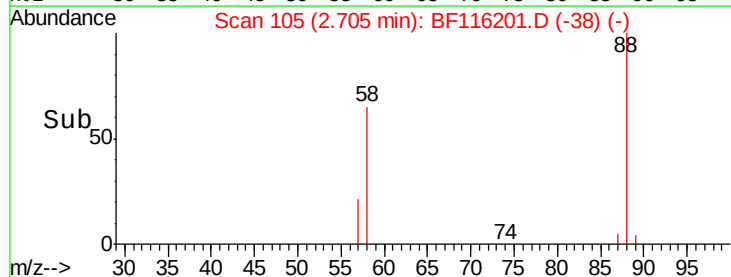
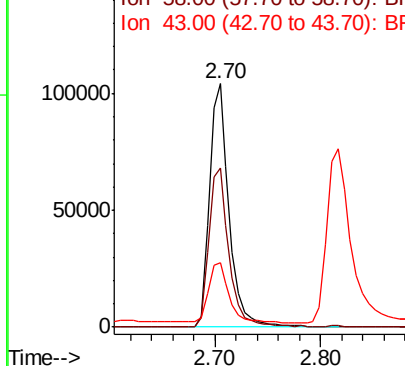


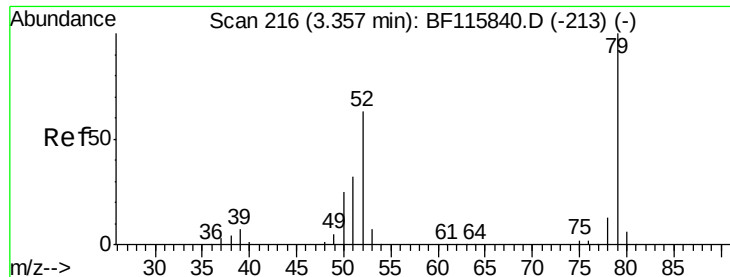
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.343 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.09 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

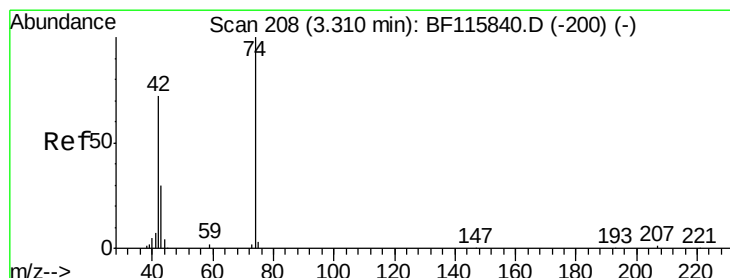
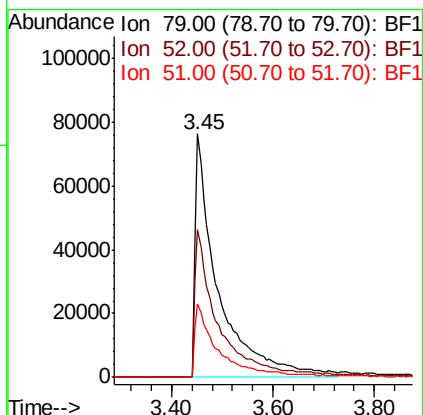
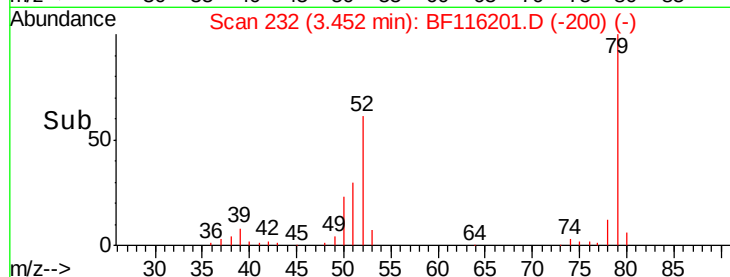
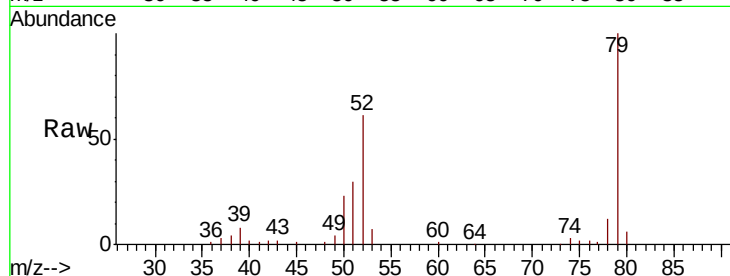
ClientSampleId :

HR-05-080919-AMSD

Tot Ion:	79	Resp:	239794
Ion	Ratio	Lower	Upper
79	100		
52	60.8	49.8	74.8
51	30.2	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 39.648 ng

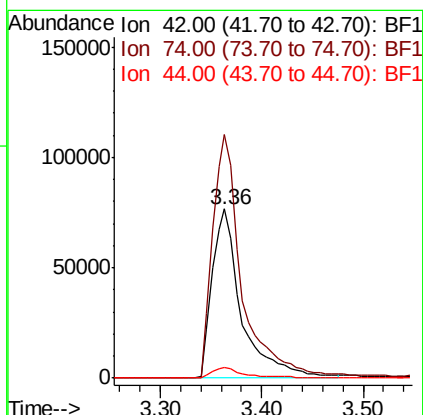
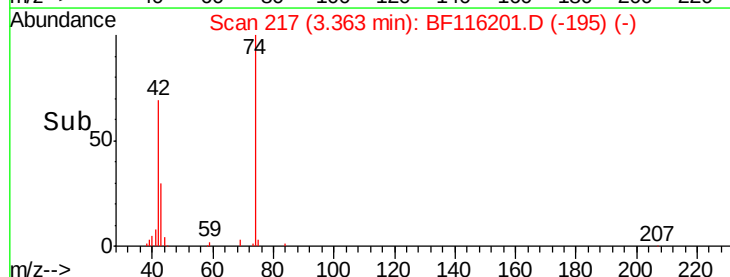
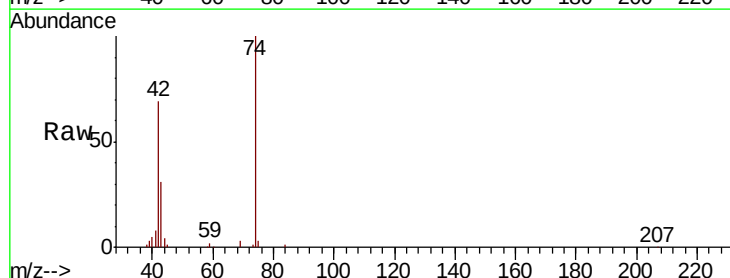
RT: 3.36 min Scan# 217

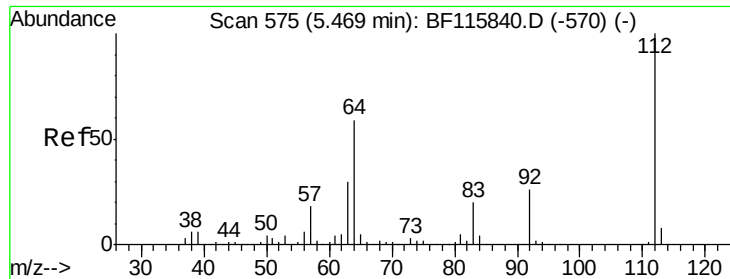
Delta R.T. 0.03 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Tgt Ion:	42	Resp:	154128
Ion	Ratio	Lower	Upper
42	100		
74	144.1	116.0	174.0
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 126.690 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

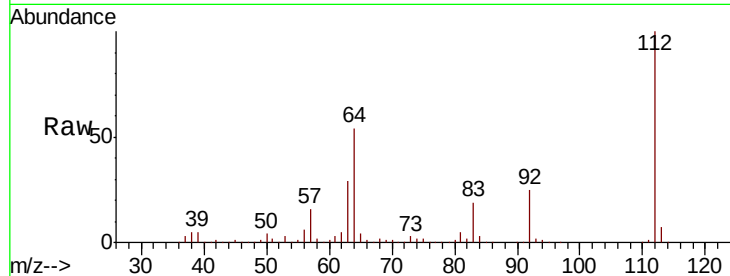
ClientSampleId :

HR-05-080919-AMSD

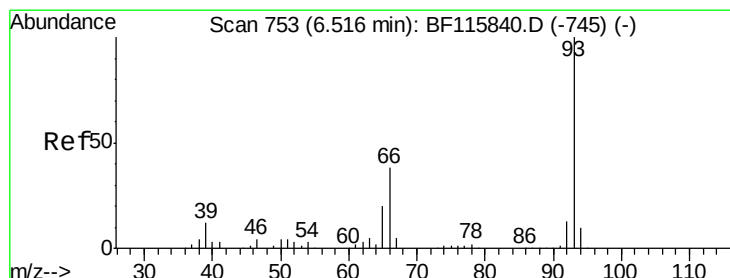
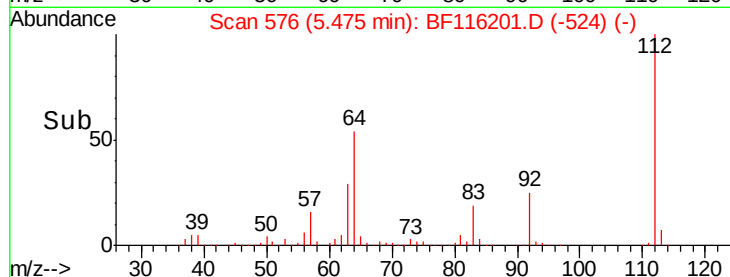
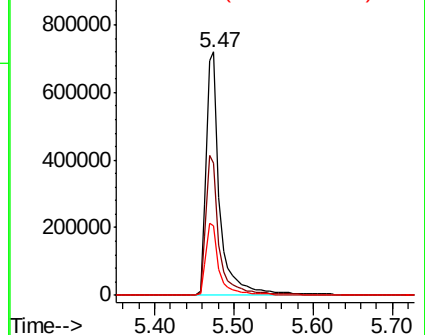
Tot Ion:	112	Resp:	884333
Ion Ratio	Lower	Upper	
112	100		
64	54.5	45.4	68.2
63	28.7	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.012 ng

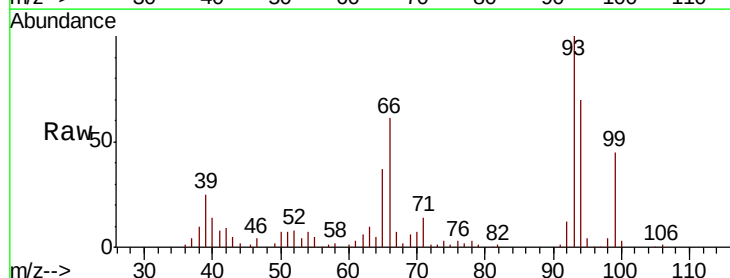
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

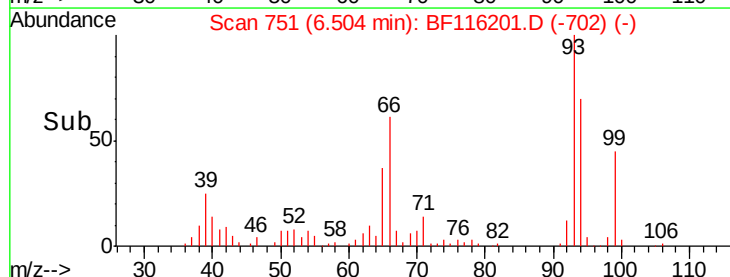
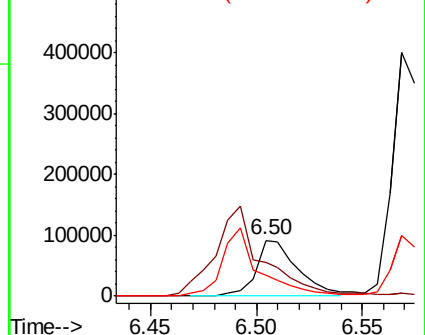
Lab File: BF116201.D

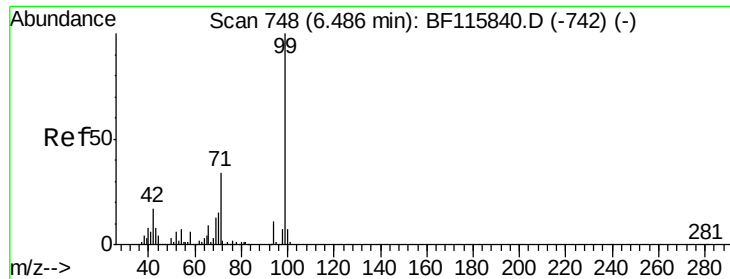
Acq: 12 Aug 2019 20:58

Tgt Ion:	93	Resp:	126270
Ion Ratio	Lower	Upper	
93	100		
66	61.1	32.2	48.4#
65	36.7	17.0	25.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.202 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

Tot Ion: 99 Resp: 1058599

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.8

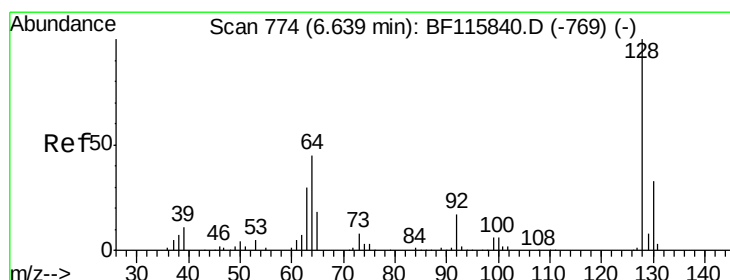
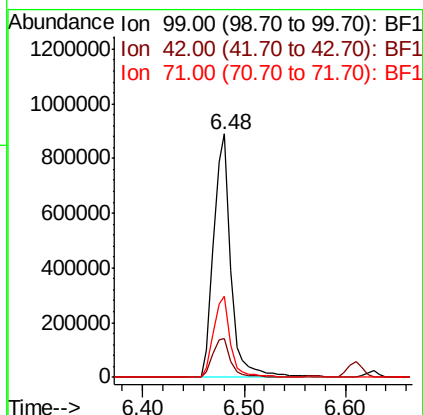
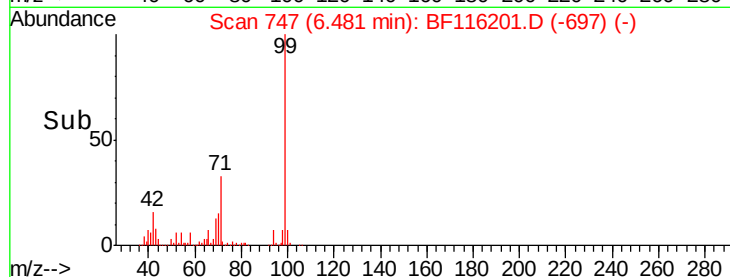
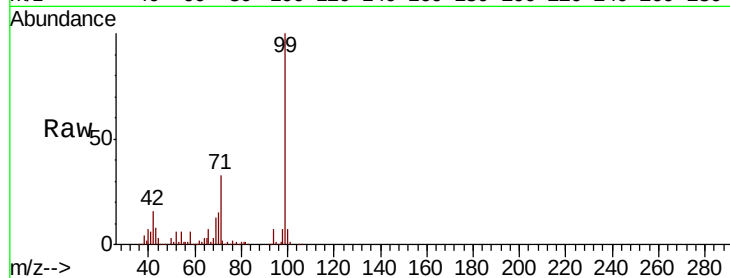
71 33.4 27.3 40.9

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#8

2-Chlorophenol

Concen: 47.709 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

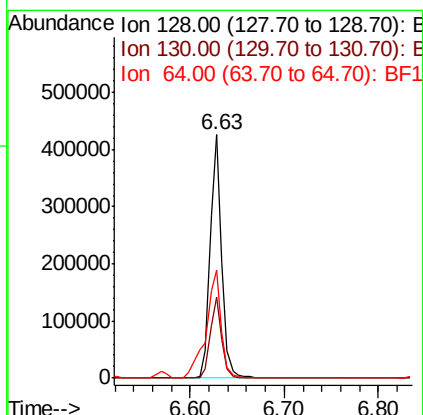
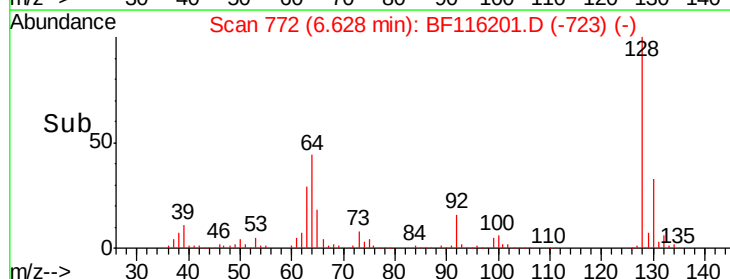
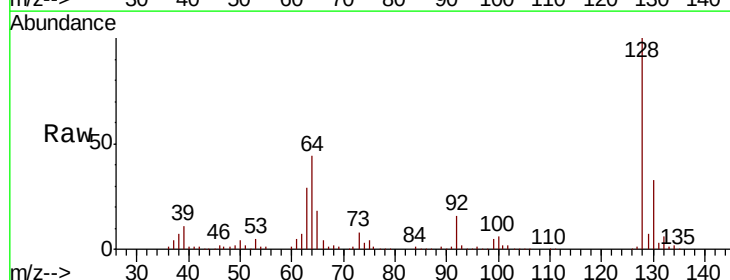
Tgt Ion: 128 Resp: 368252

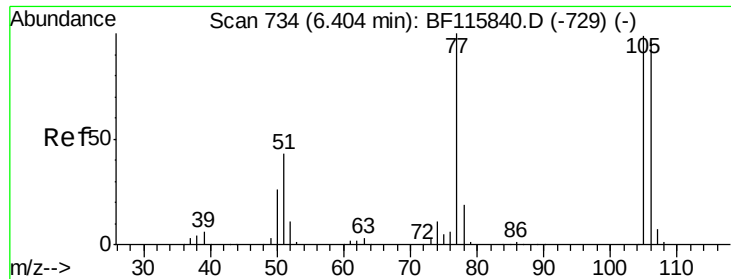
Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

64 44.5 24.3 64.3





#9

Benzaldehyde

Concen: 27.703 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

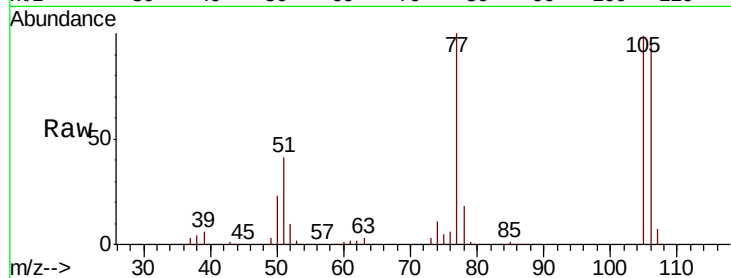
ClientSampleId :

HR-05-080919-AMSD

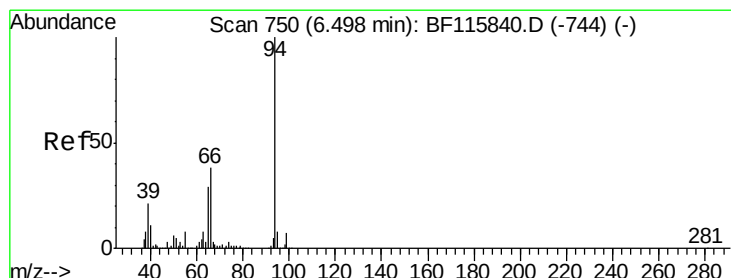
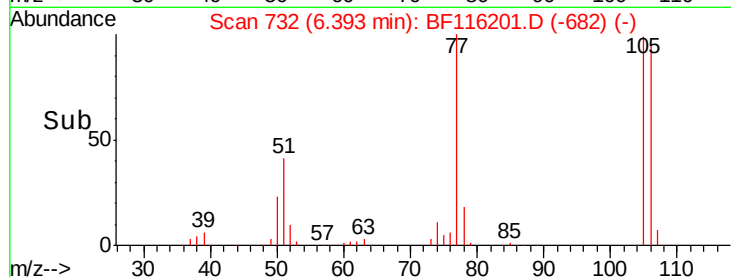
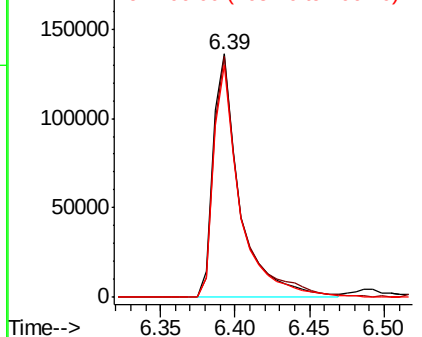
Tot Ion:	77	Resp:	168343
Ion	Ratio	Lower	Upper
77	100		
105	99.0	79.2	119.2
106	95.3	74.3	114.3

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.729 ng

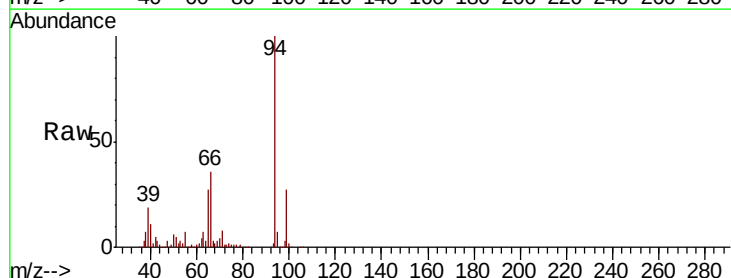
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

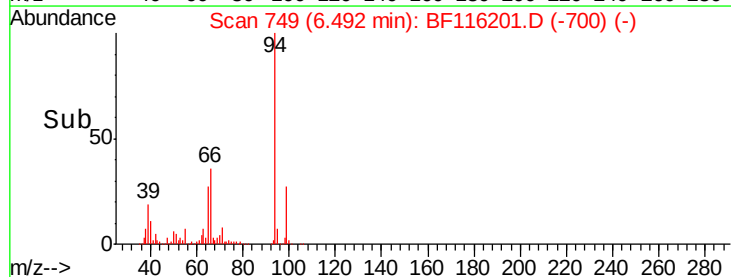
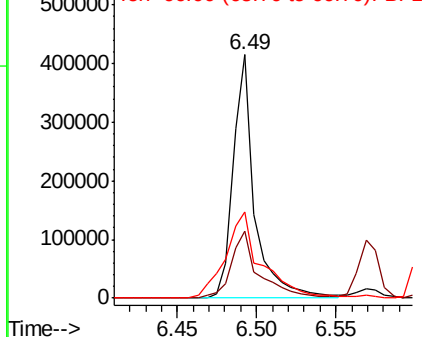
Lab File: BF116201.D

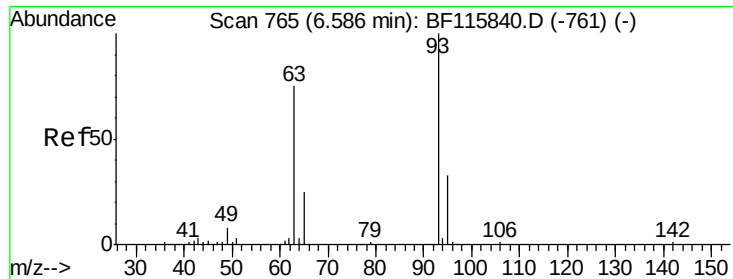
Acq: 12 Aug 2019 20:58

Tgt Ion:	94	Resp:	391282
Ion	Ratio	Lower	Upper
94	100		
65	27.3	16.8	56.8
66	35.5	34.2	74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





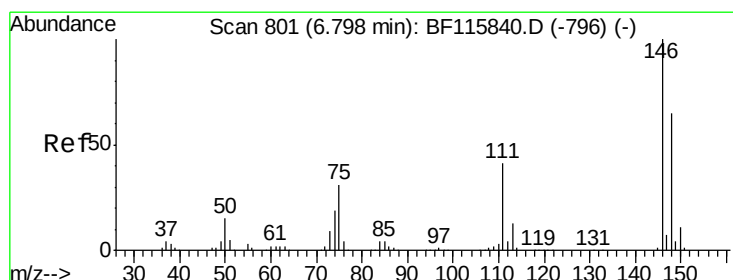
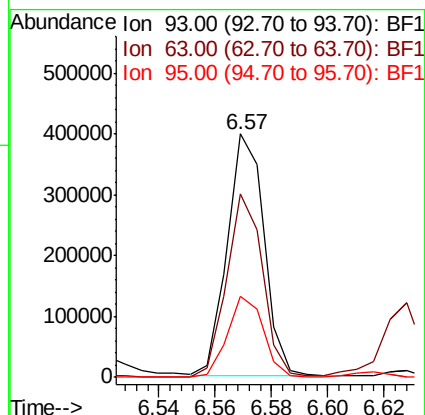
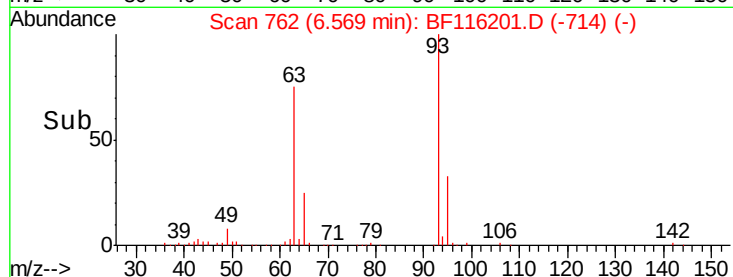
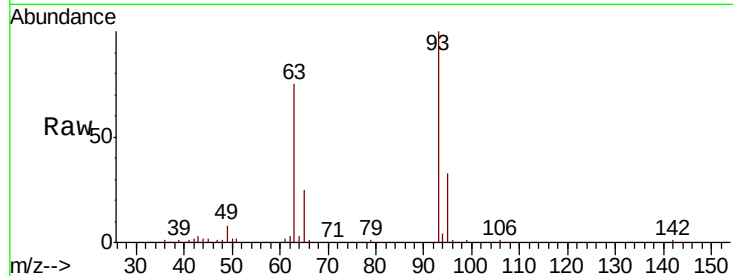
#11
bis(2-Chloroethyl)ether
Concen: 47.495 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	93	Resp	362138
Ion Ratio	Lower	Upper	
93	100		
63	75.2	51.9	91.9
95	33.2	13.0	53.0

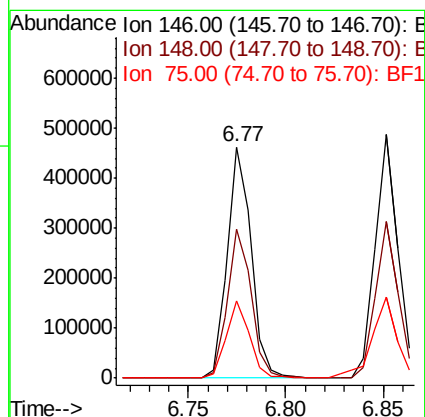
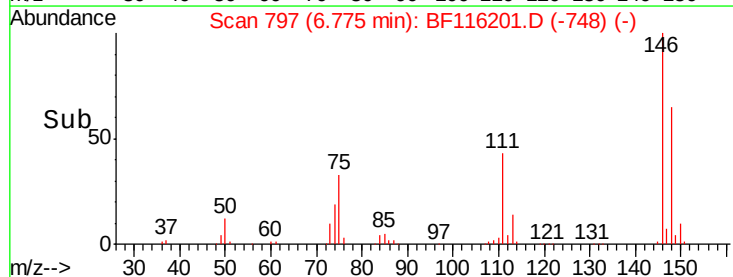
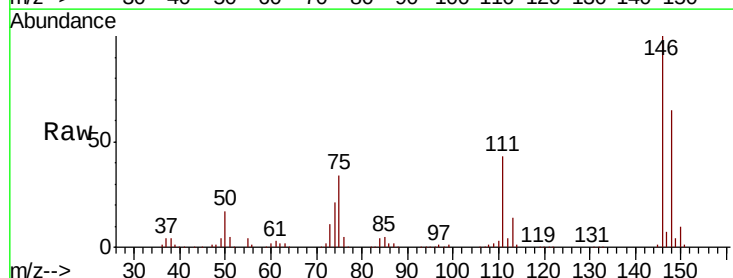
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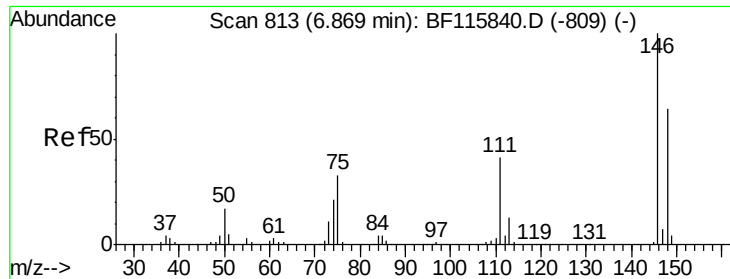
mohammad
8/14/2019 2:53:35 AM



#12
1,3-Dichlorobenzene
Concen: 44.259 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	146	Resp	394814
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.3	76.9
75	33.5	27.4	41.2





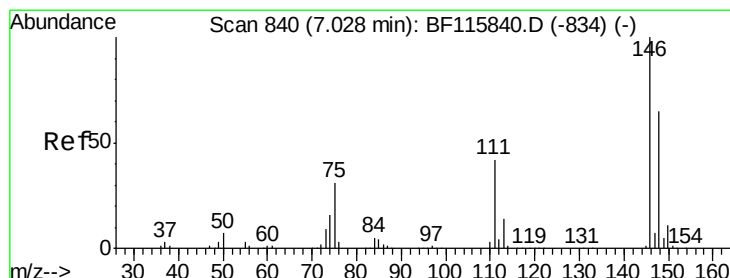
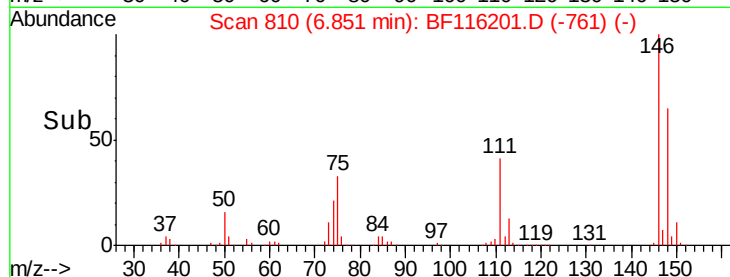
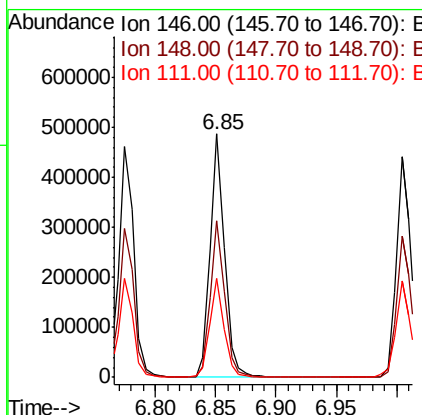
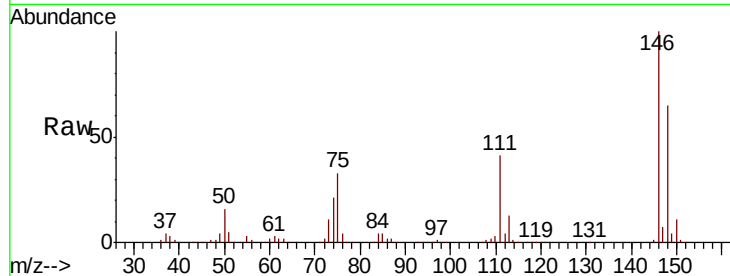
#13
 1,4-Dichlorobenzene
 Concen: 45.287 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		404498		
148	64.5	51.3	76.9		
111	40.6	34.0	51.0		

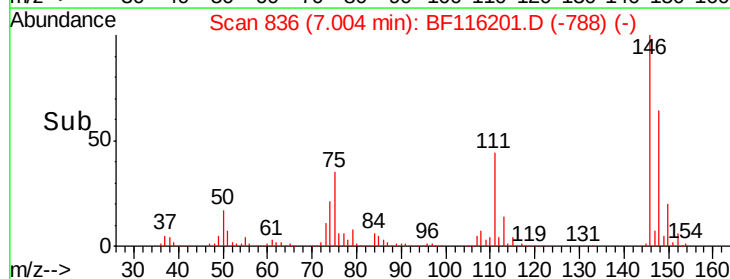
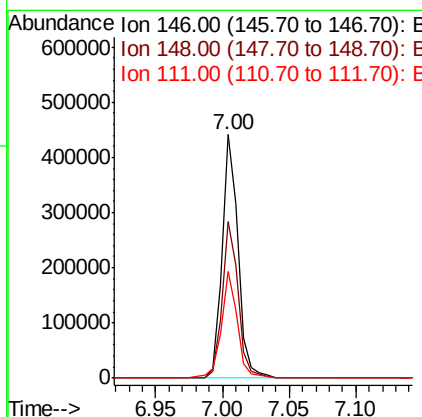
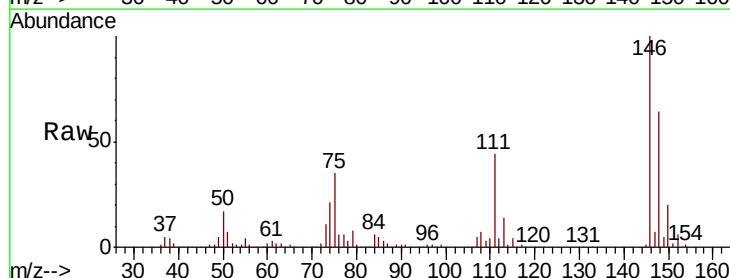
Manual Integrations
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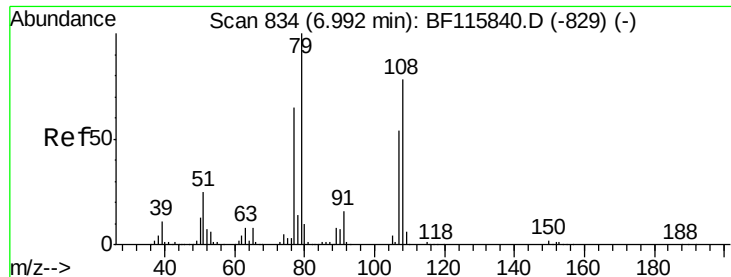
mohammad
 8/14/2019 2:53:35 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.485 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		374085		
148	64.2	51.2	76.8		
111	43.8	33.5	50.3		





#15

Benzyl Alcohol

Concen: 46.043 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

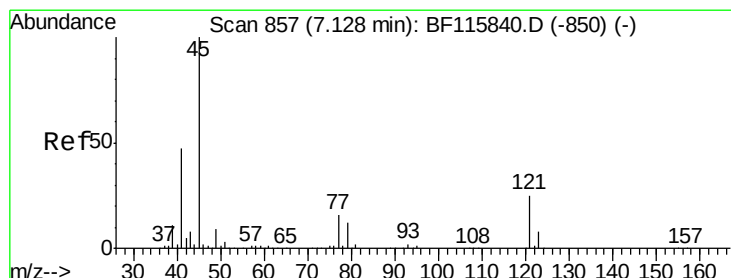
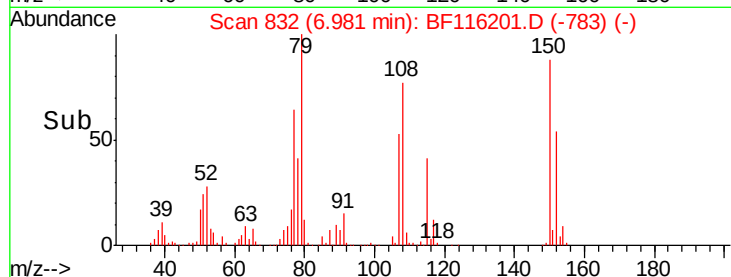
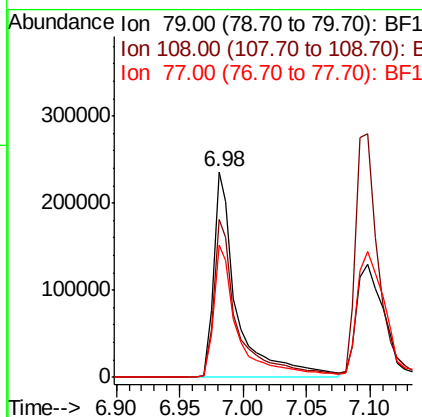
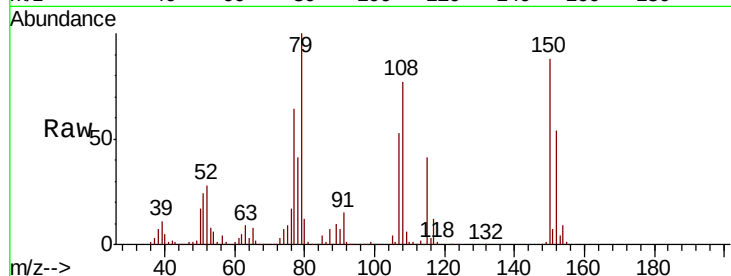
ClientSampleId :

HR-05-080919-AMSD

Tot Ion:	79	Resp:	307724
Ion	Ratio	Lower	Upper
79	100		
108	76.7	62.7	94.1
77	64.2	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.845 ng

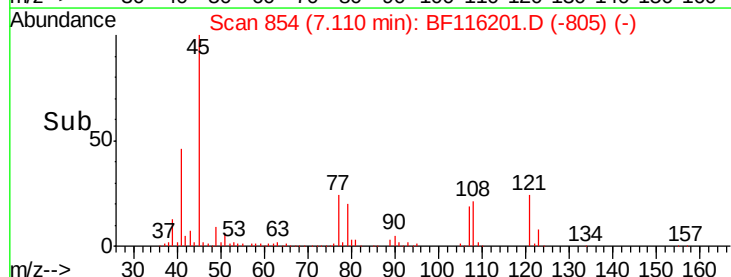
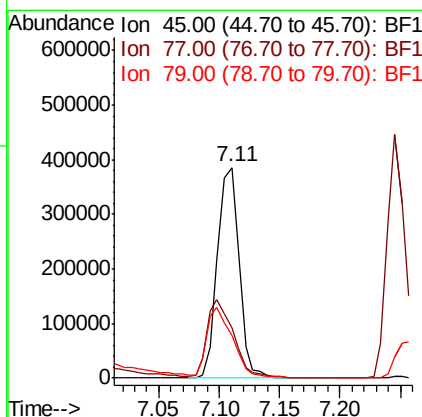
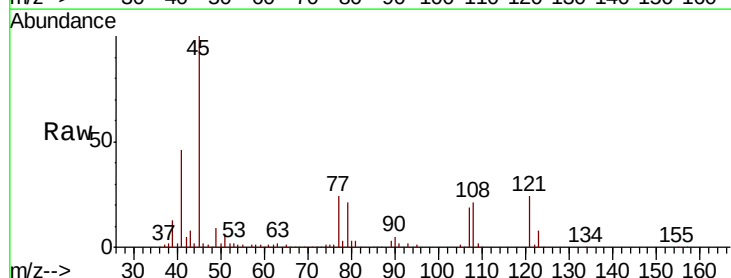
RT: 7.11 min Scan# 854

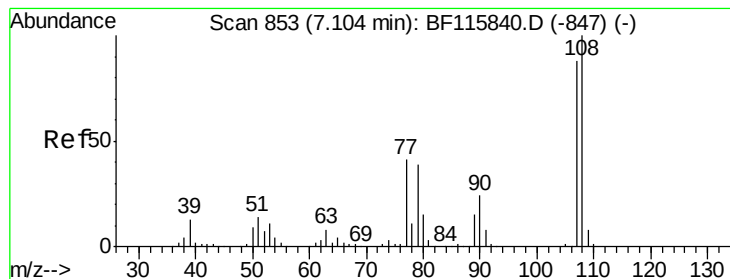
Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Tgt Ion:	45	Resp:	476796
Ion	Ratio	Lower	Upper
45	100		
77	24.2	0.0	40.0
79	20.5	0.0	35.9





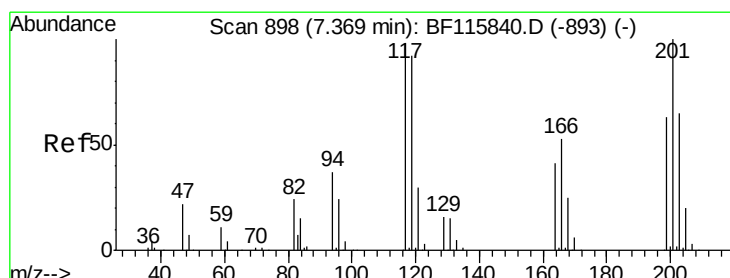
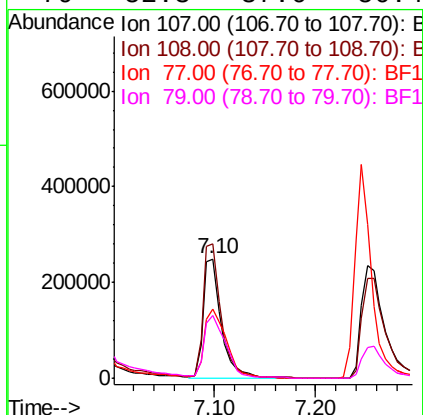
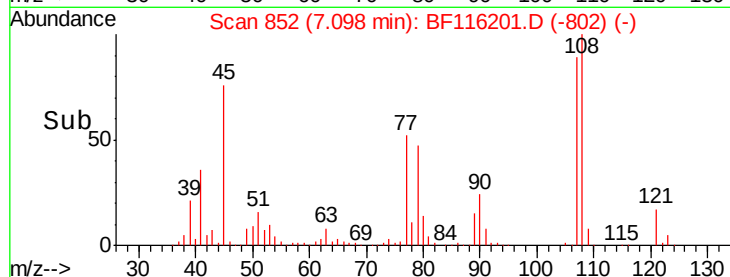
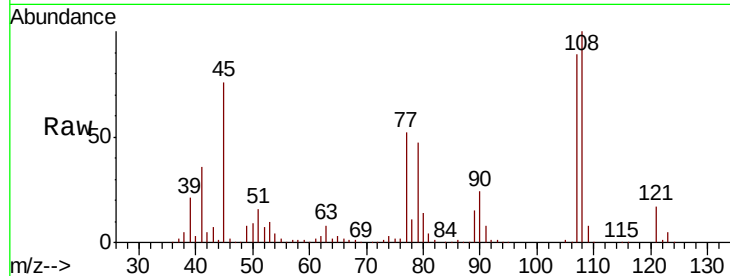
#17
2-Methylphenol
Concen: 46.733 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	91.2	136.8	
77	57.8	40.3	60.5	
79	52.3	37.6	56.4	

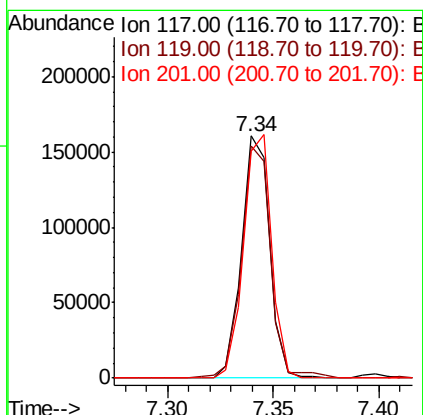
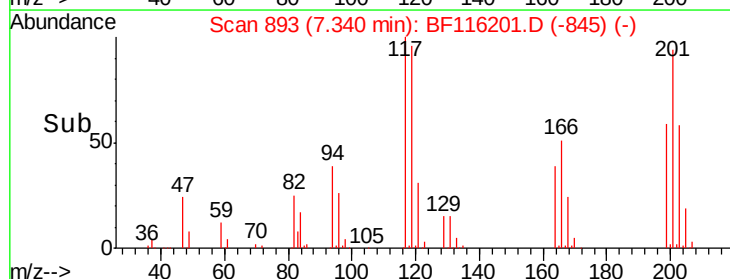
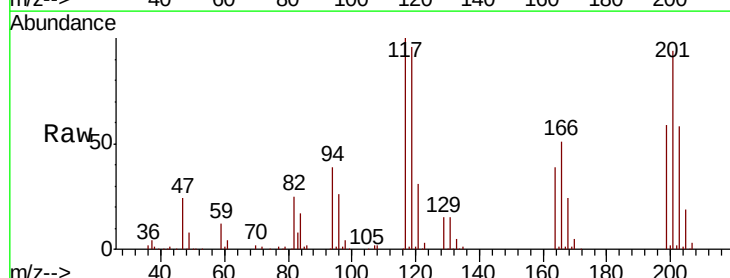
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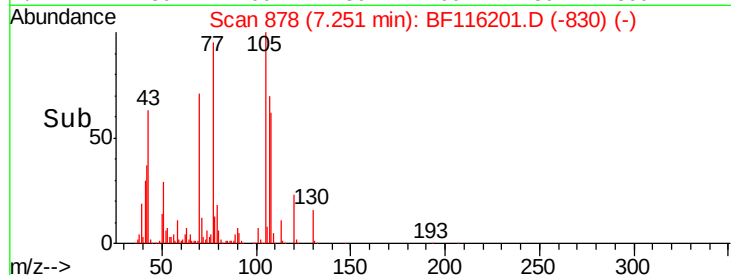
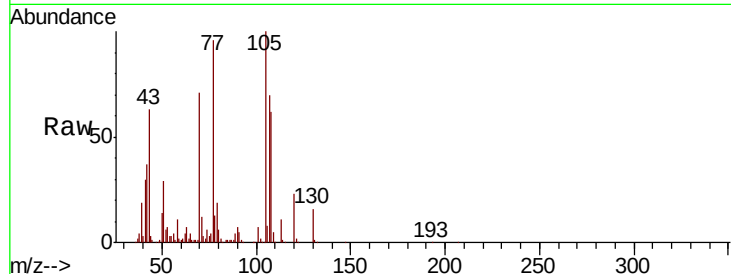
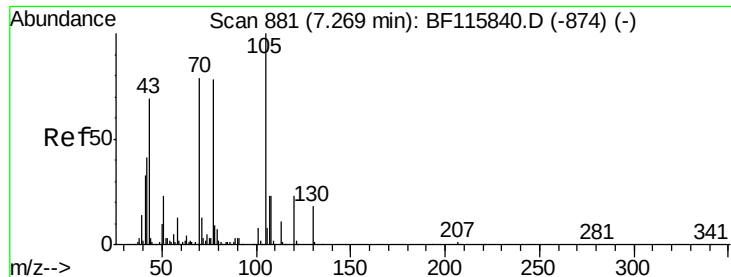
mohammad
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#18
Hexachloroethane
Concen: 44.966 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.1	114.1	
201	93.7	77.0	115.4	





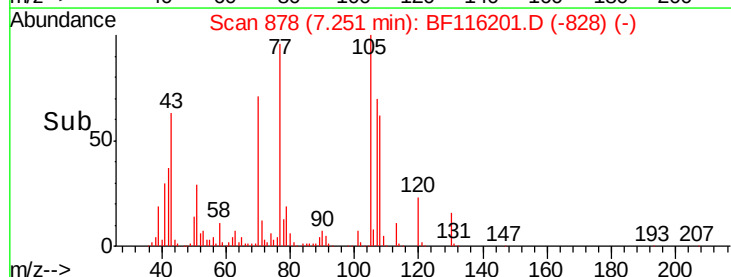
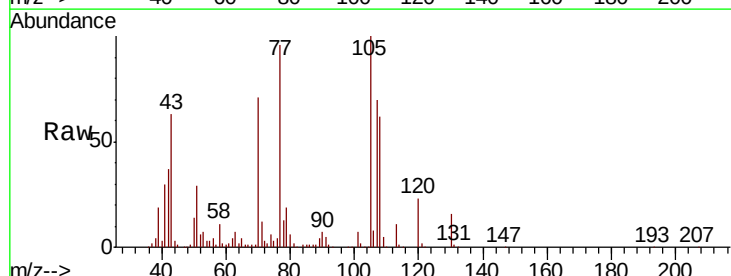
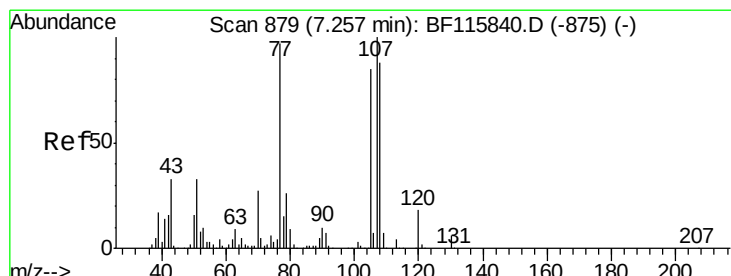
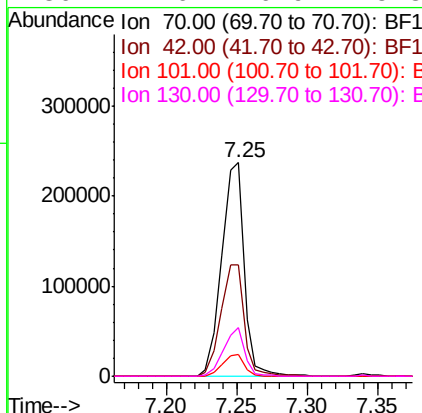
#19
n-Nitroso-di-n-propylamine
Concen: 48.201 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		263051		
42	52.2	40.9	61.3		
101	10.2	7.9	11.9		
130	22.6	16.9	25.3		

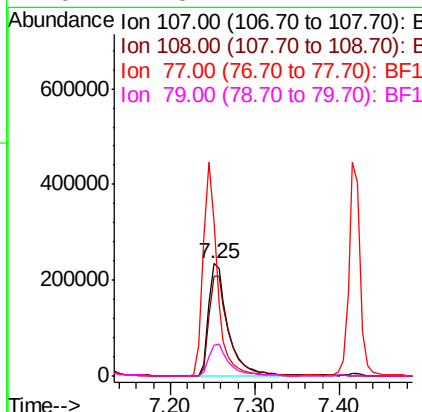
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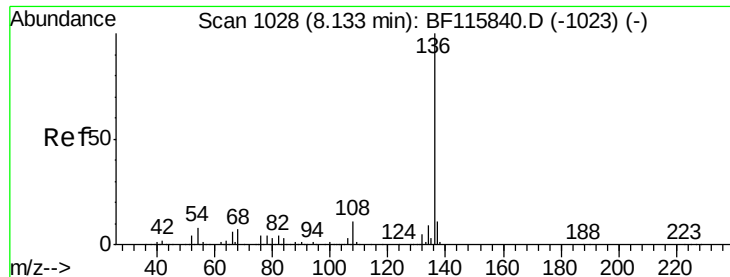
mohammad
8/14/2019 2:53:35 AM



#20
3+4-Methylphenols
Concen: 49.138 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		380053		
108	88.5	67.6	107.6		
77	136.6	104.4	144.4		
79	27.3	7.4	47.4		





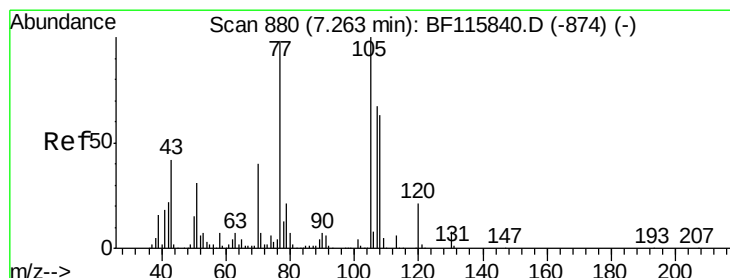
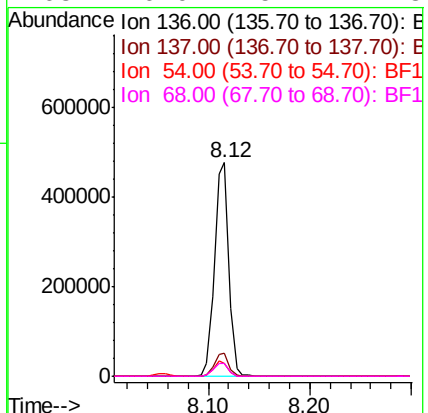
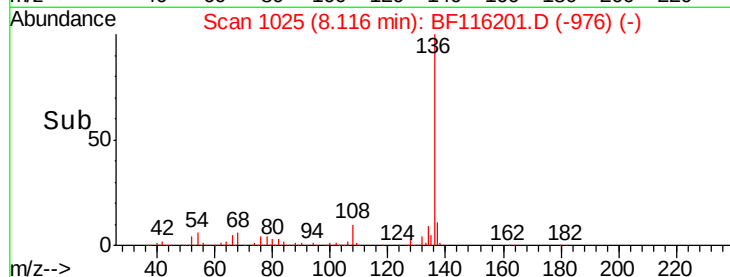
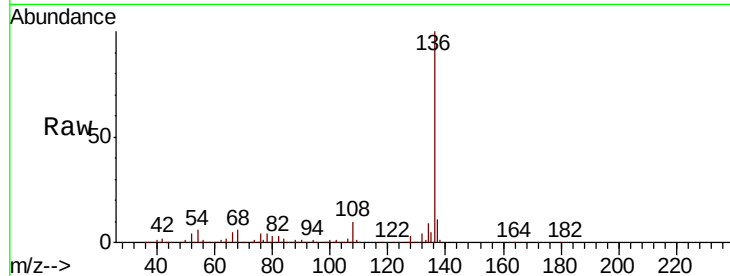
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		464460		
137	10.7		9.0	13.4	
54	6.1		5.8	8.6	
68	6.0		5.2	7.8	

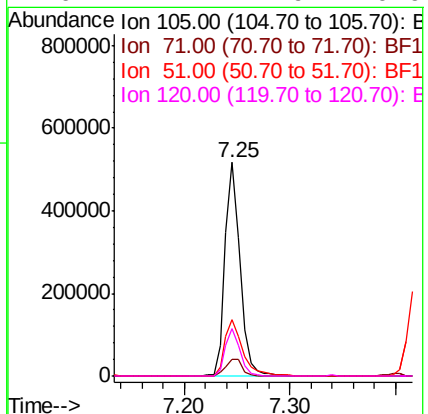
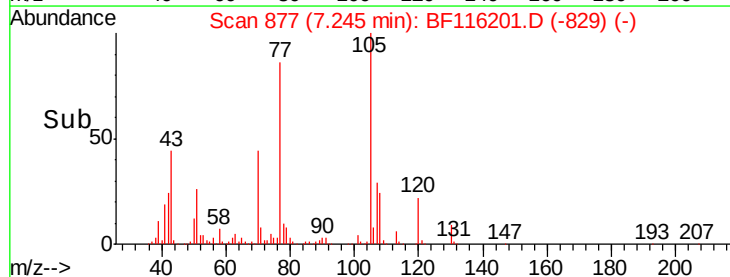
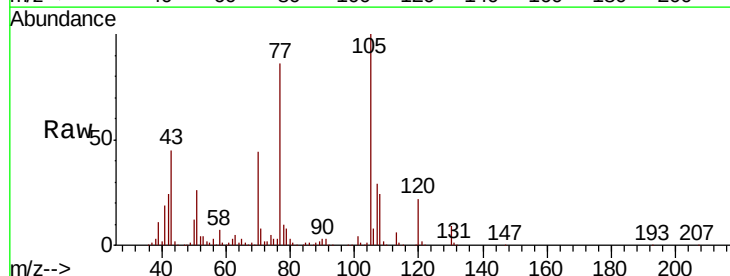
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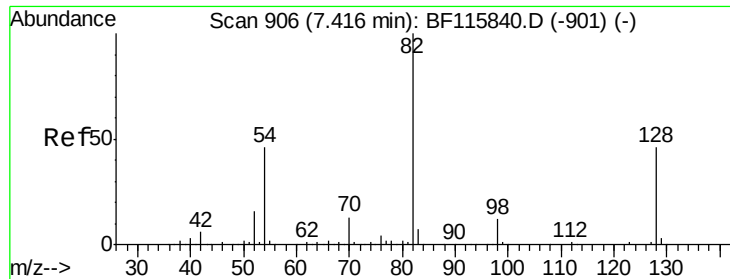
mohammad
8/14/2019 2:53:35 AM



#22
Acetophenone
Concen: 50.590 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		515320		
71	7.5		5.9	8.9	
51	26.3		25.3	37.9	
120	22.1		17.9	26.9	





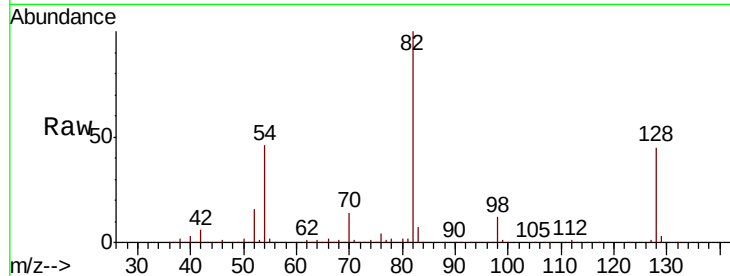
#23
 Nitrobenzene-d5
 Concen: 99.726 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

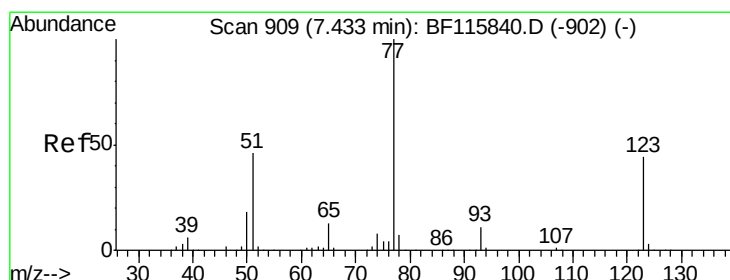
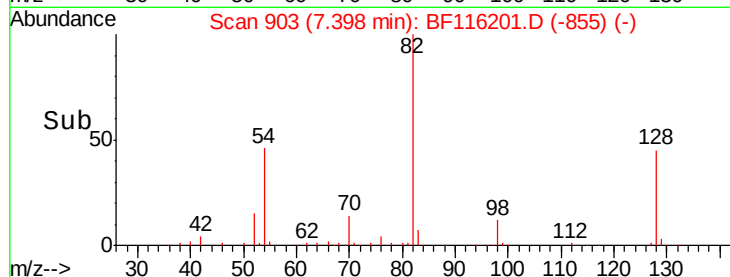
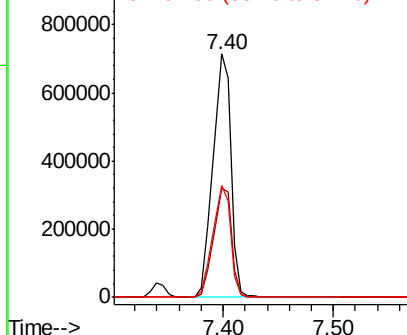
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	46.1	36.0	54.0

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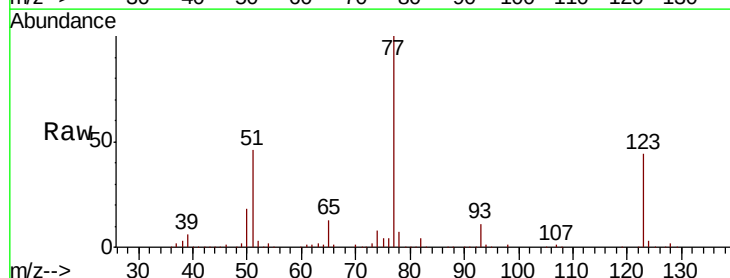


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

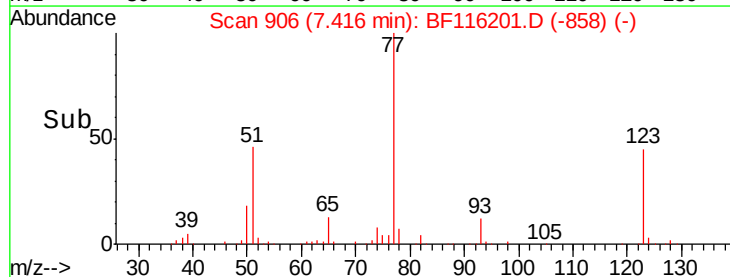
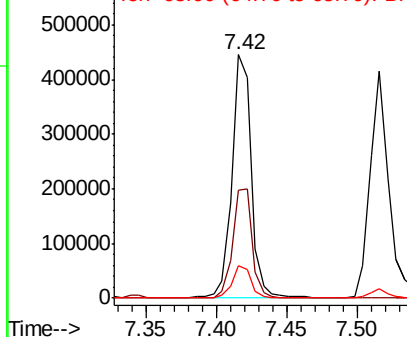


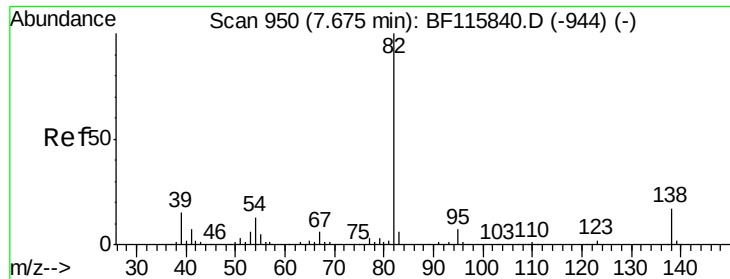
#24
 Nitrobenzene
 Concen: 48.036 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	36.7	55.1
65	13.2	10.6	16.0



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





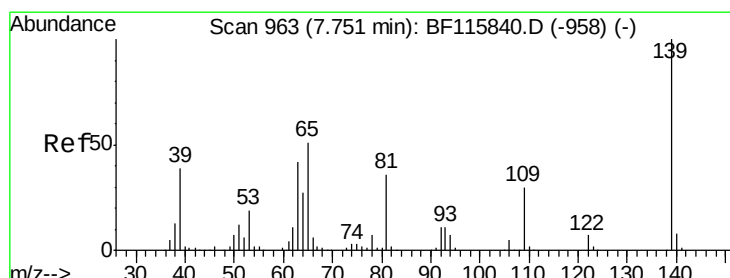
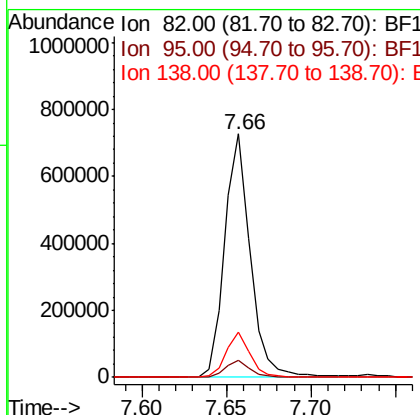
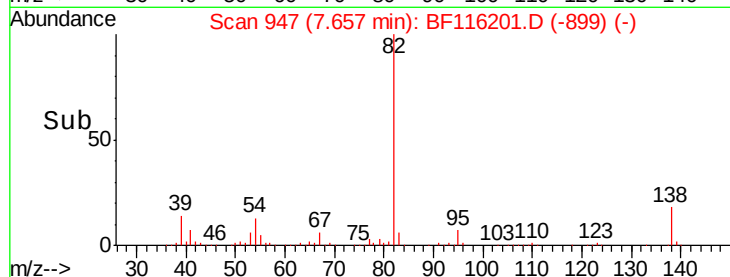
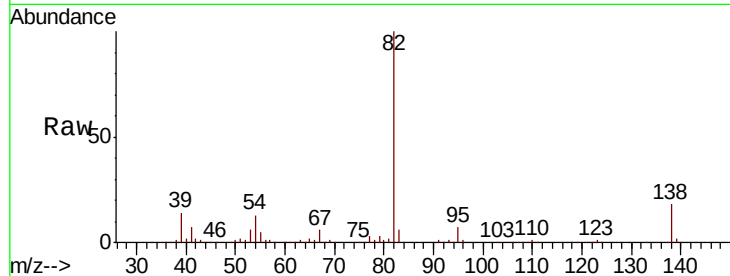
#25
Isophorone
Concen: 49.834 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.4	8.0	
138	18.3	14.5	21.7	

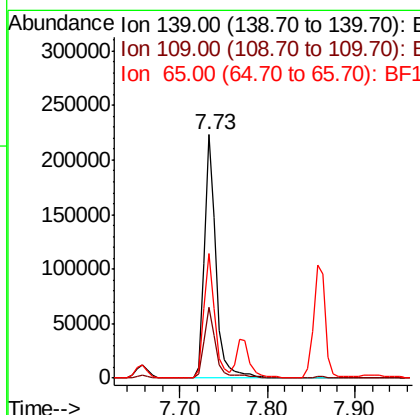
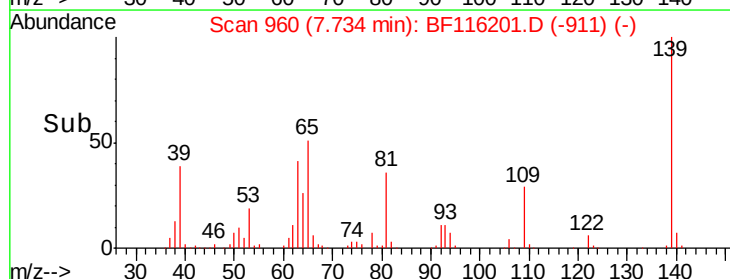
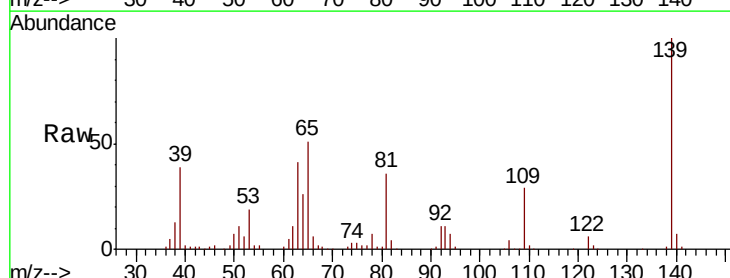
Manual Integrations
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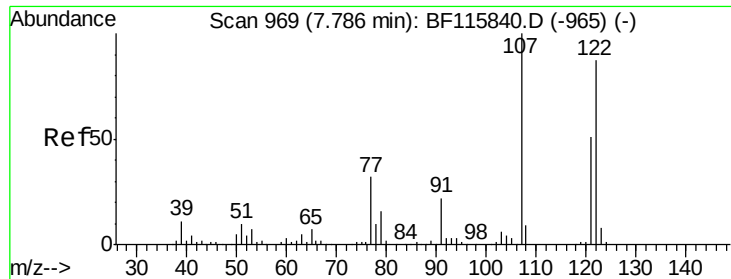
mohammad
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#26
2-Nitrophenol
Concen: 50.490 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.2	23.4	35.2	
65	51.2	41.1	61.7	





#27

2,4-Dimethylphenol

Concen: 54.824 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

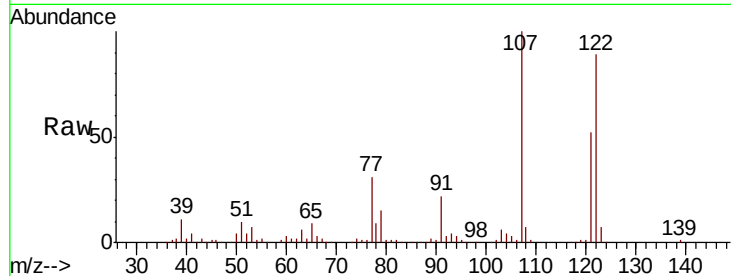
ClientSampleId :

HR-05-080919-AMSD

Tot Ion:	122	Resp:	337799
Ion Ratio	Lower	Upper	
122	100		
107	112.1	93.0	139.6
121	57.9	47.6	71.4

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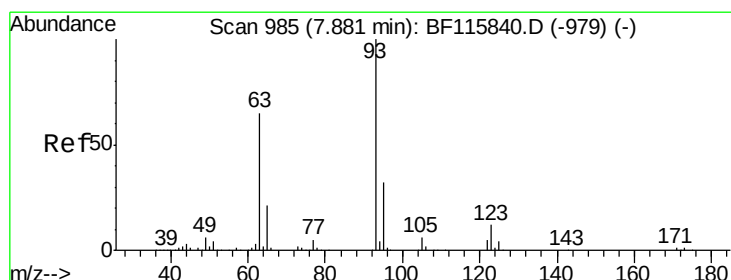
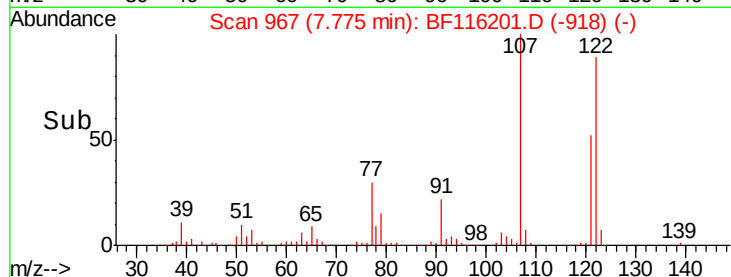
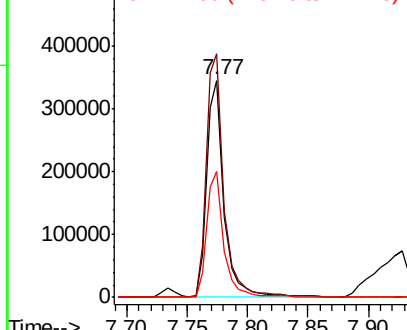


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.208 ng

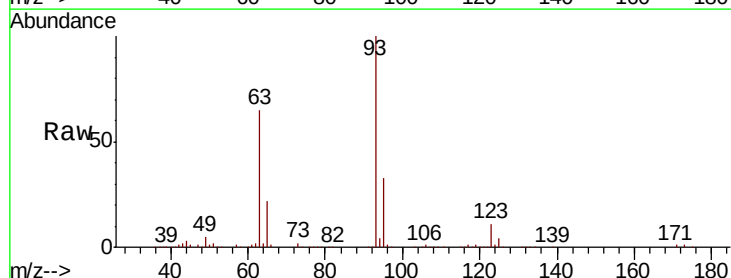
RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Tgt Ion:	93	Resp:	469262
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.4
123	11.2	9.2	13.8

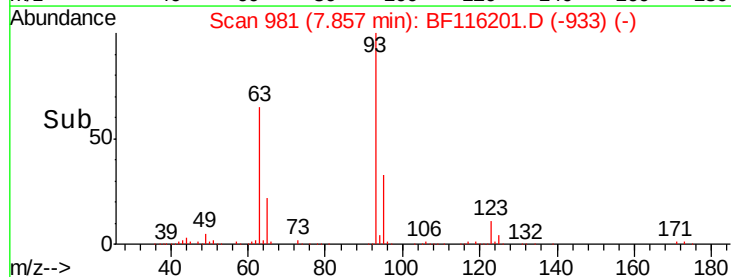
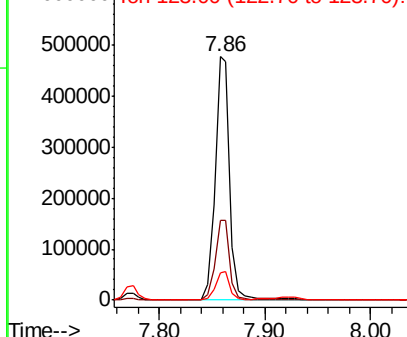


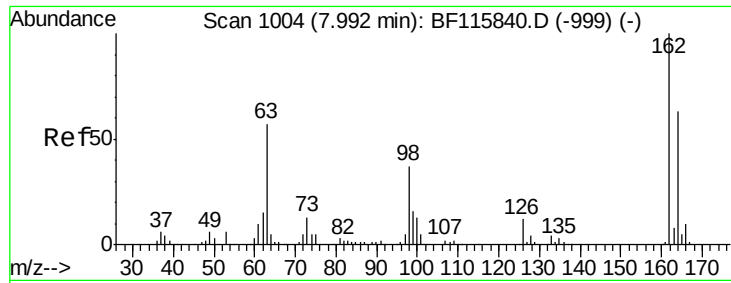
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





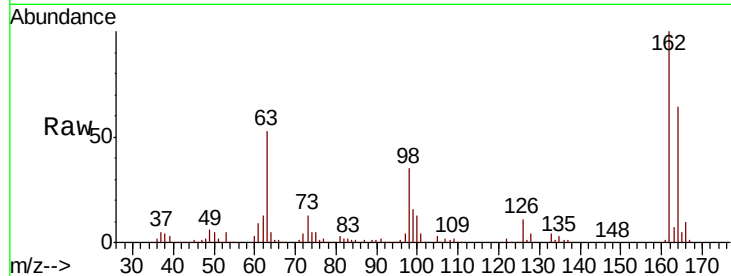
#29
2,4-Dichlorophenol
Concen: 51.235 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	333325		
164	63.9	45.1	85.1	
98	35.4	15.8	55.8	

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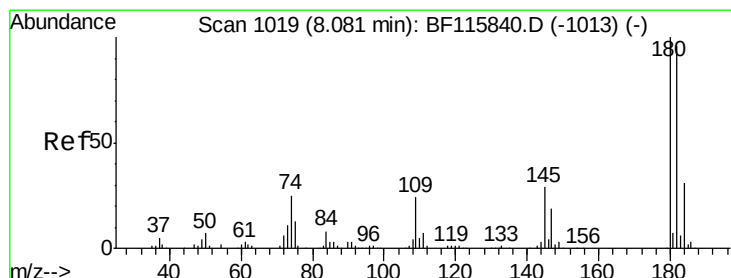
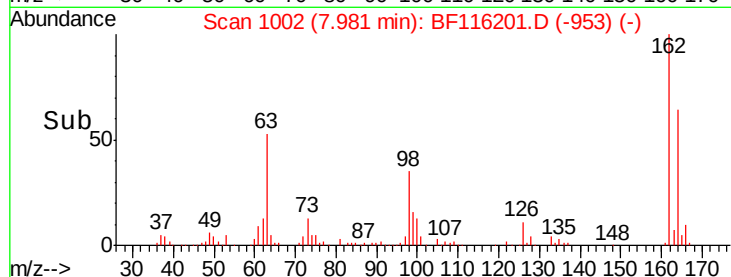
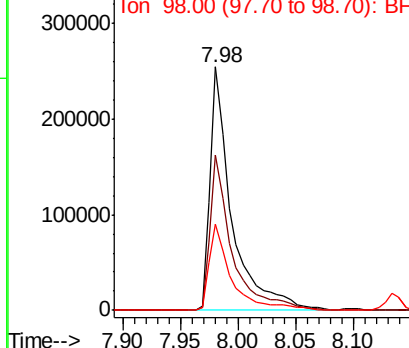


Abundance

Ion 162.00 (161.70 to 162.70): E

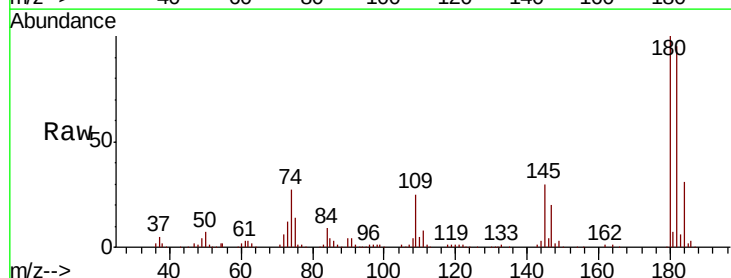
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 46.980 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	348399		
182	95.3	75.7	113.5	
145	29.9	24.3	36.5	

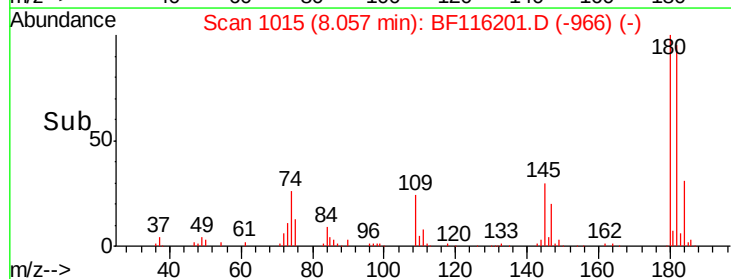
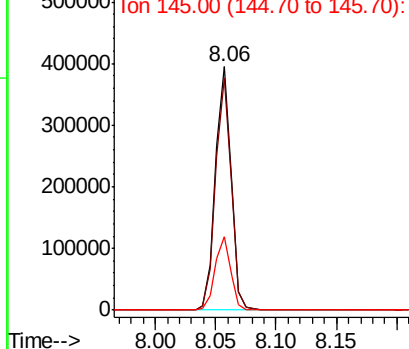


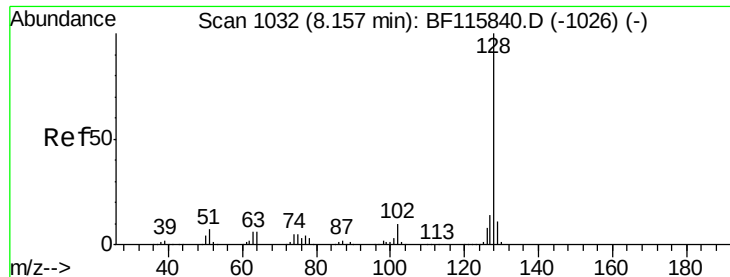
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





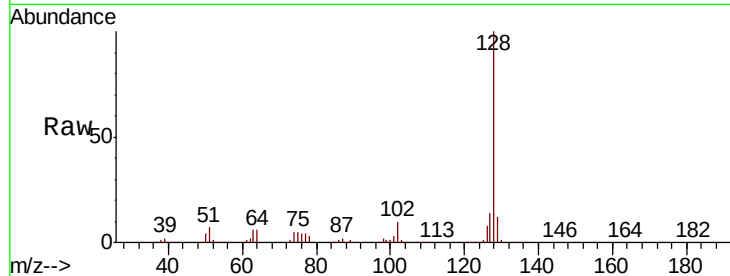
#31
Naphthalene
Concen: 49.859 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.6	11.4	17.0

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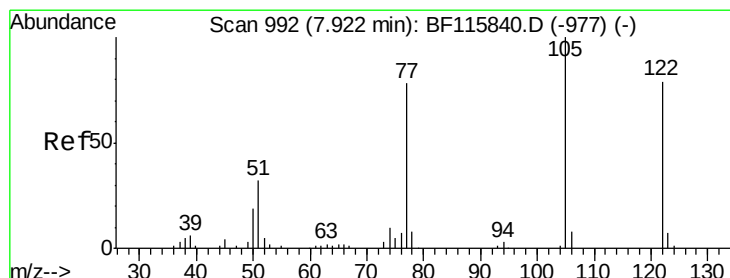
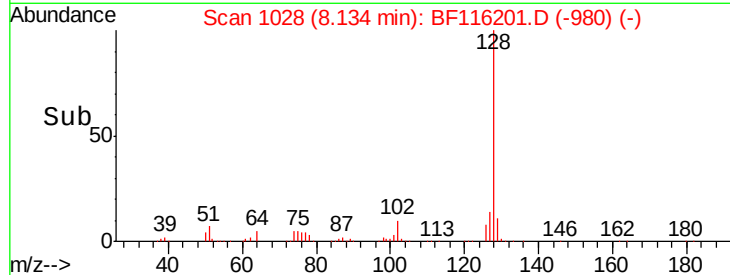
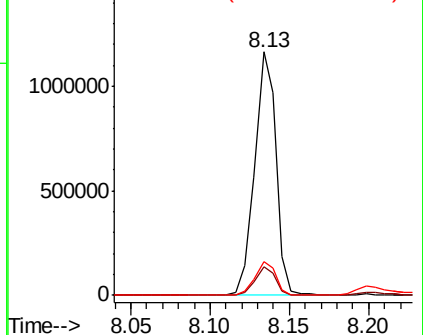


Abundance

Ion 128.00 (127.70 to 128.70): E

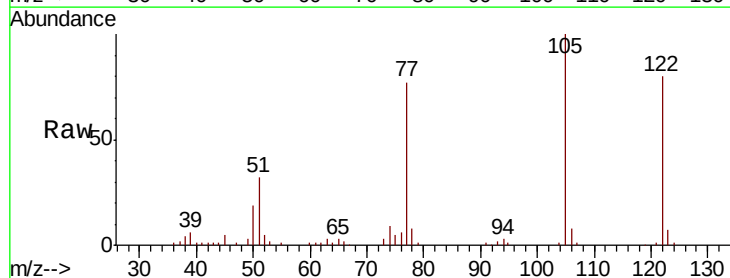
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.931 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.1	146.1
77	96.6	76.7	116.7

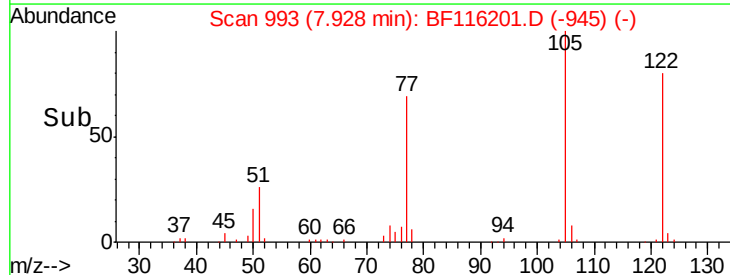
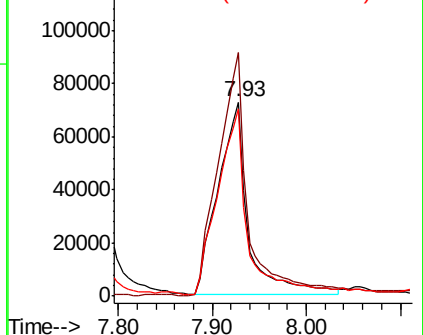


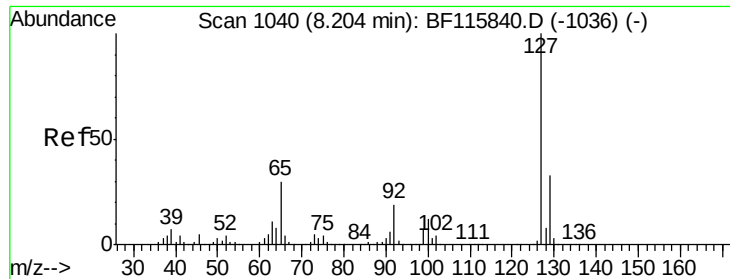
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





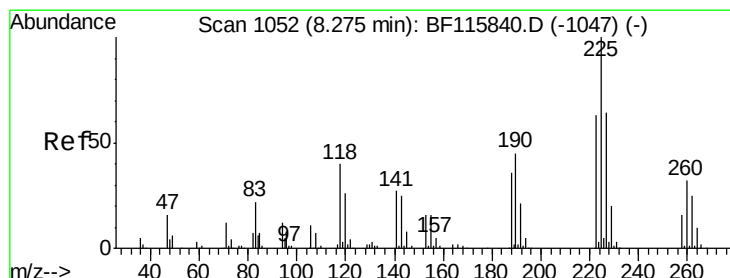
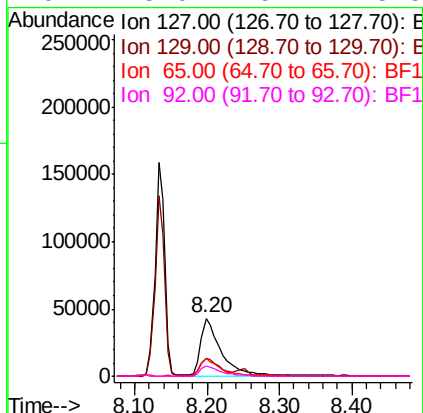
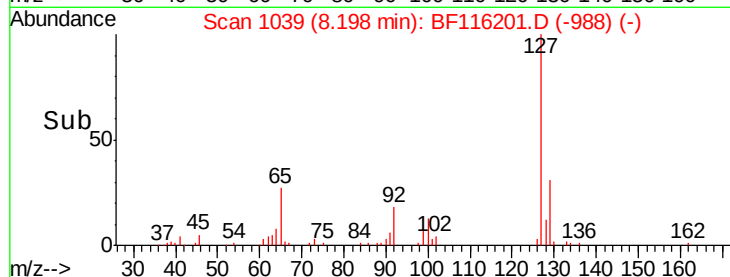
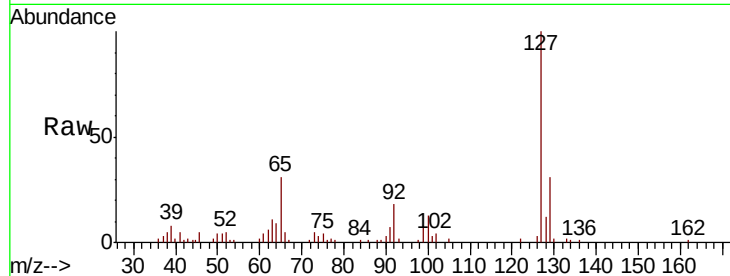
#33
4-Chloroaniline
Concen: 8.726 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.1	39.1	
65	31.0	24.9	37.3	
92	18.0	15.7	23.5	

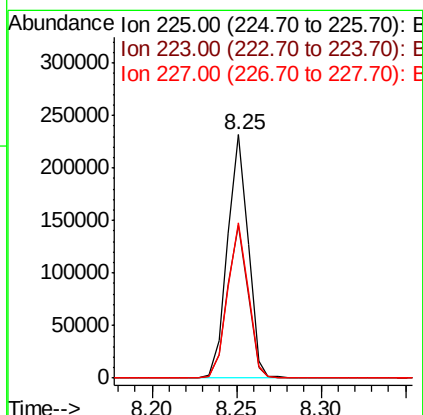
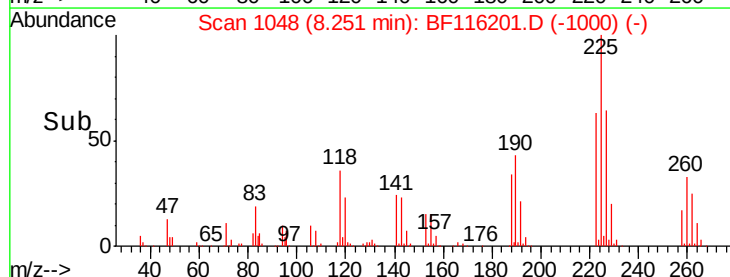
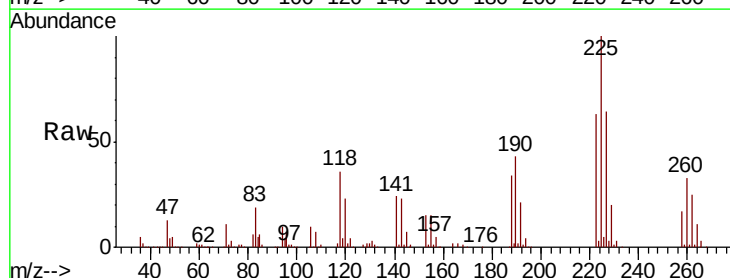
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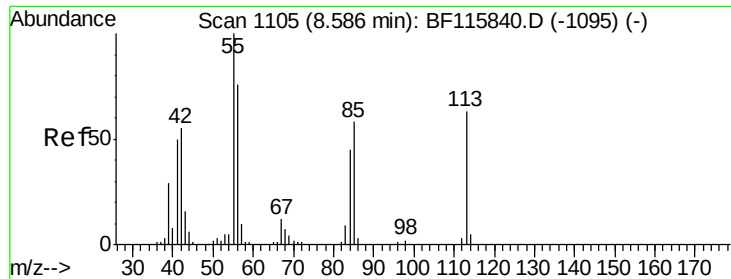
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#34
Hexachlorobutadiene
Concen: 46.024 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.0	75.0	
227	63.6	51.0	76.4	





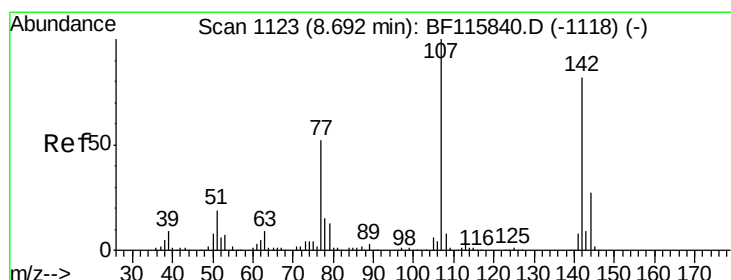
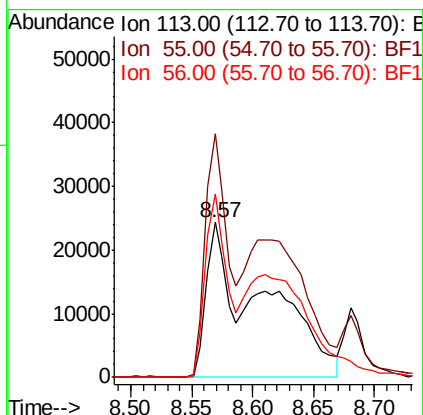
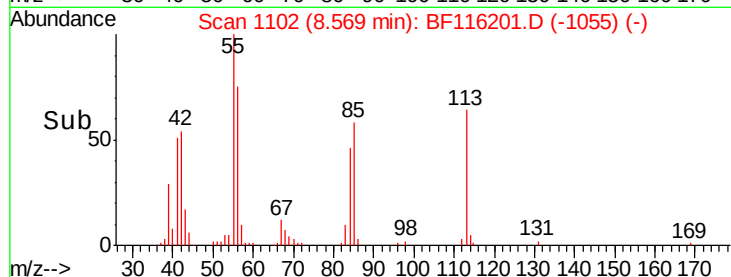
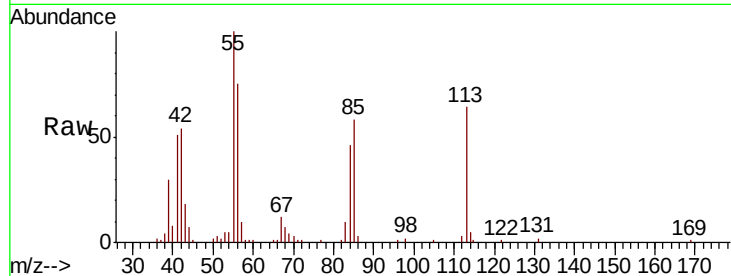
#35
Caprolactam
Concen: 36.789 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion: 113 Resp: 77408
Ion Ratio Lower Upper
113 100
55 157.3 144.3 184.3
56 118.4 97.1 137.1

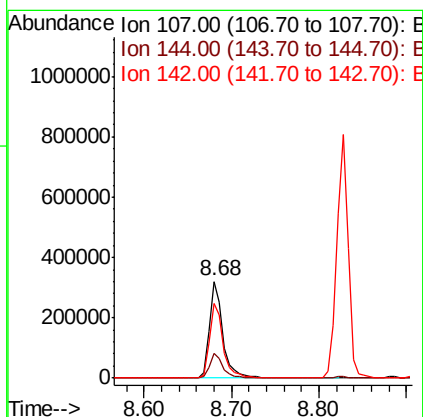
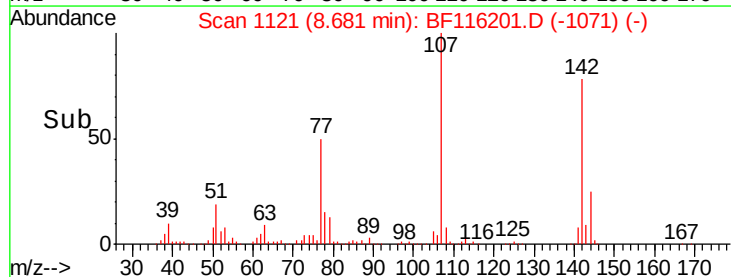
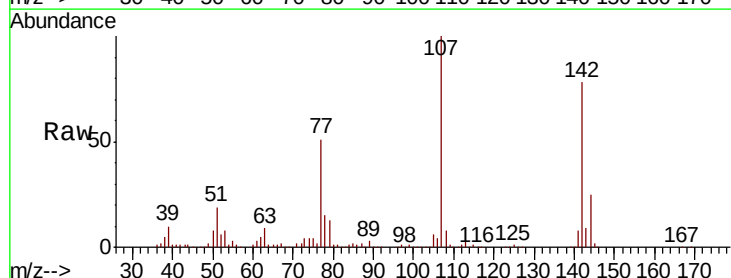
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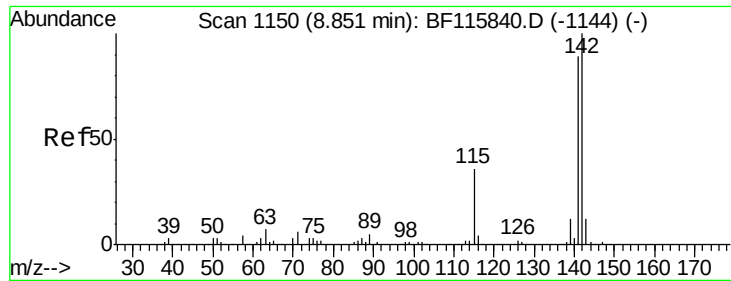
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 50.564 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 107 Resp: 342223
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 77.5 61.7 92.5





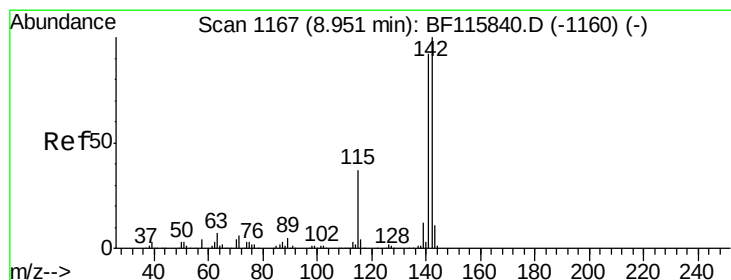
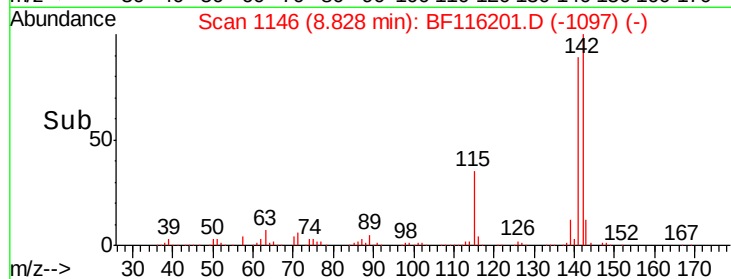
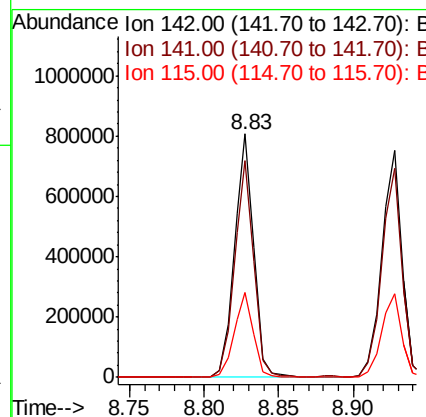
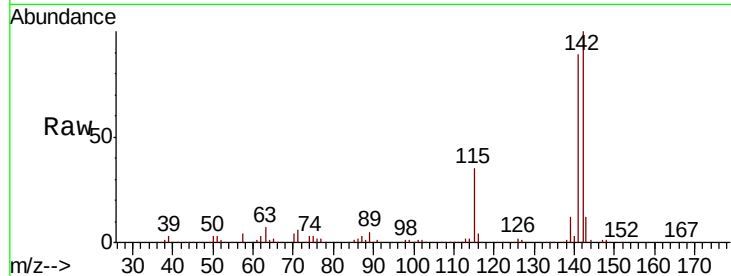
#37
2-Methylnaphthalene
Concen: 50.958 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3
115	35.1	29.0	43.6

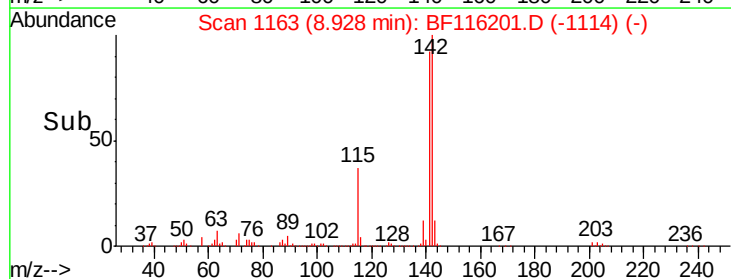
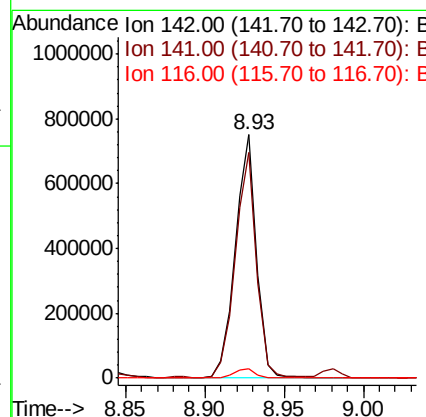
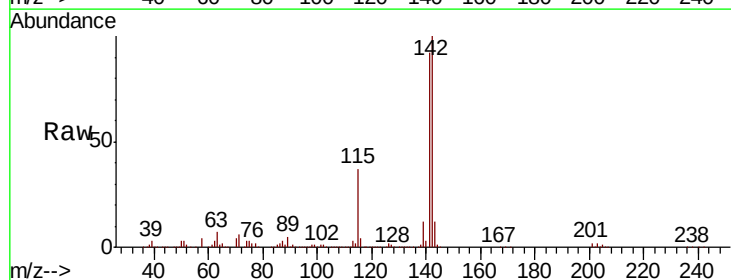
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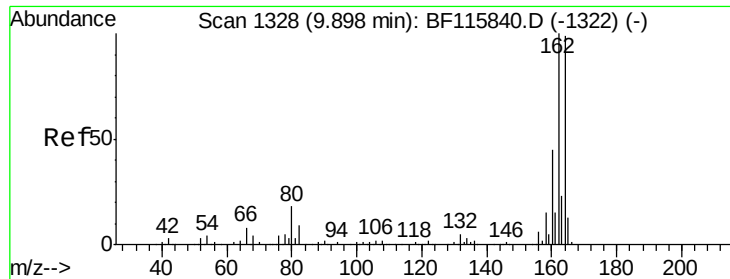
mohammad
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#38
1-Methylnaphthalene
Concen: 50.636 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.4	111.6
116	3.8	3.1	4.7





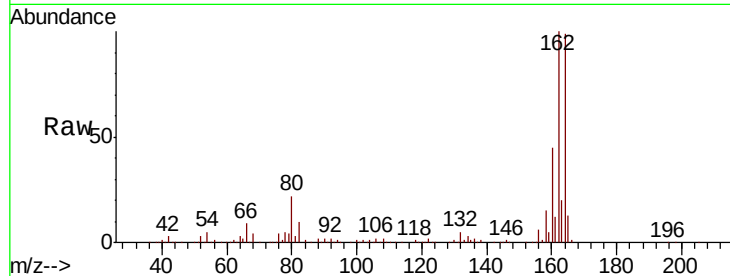
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.6	124.0	
160	46.0	37.6	56.4	

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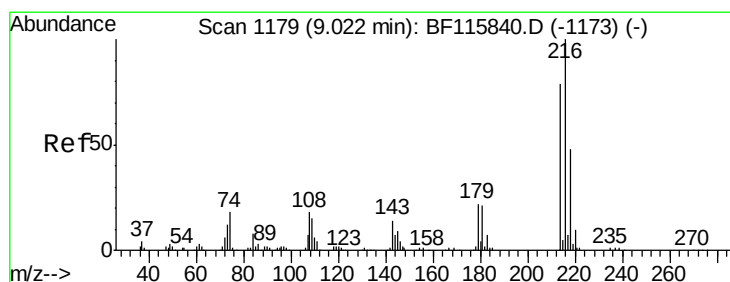
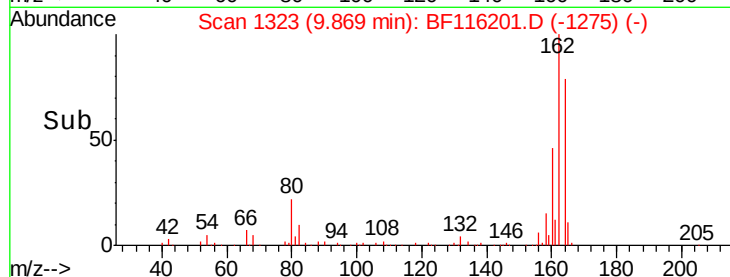
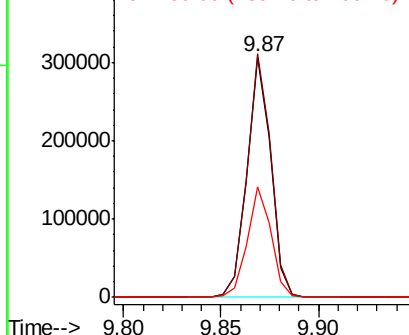


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.860 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.6	95.4	
179	21.9	17.8	26.8	
108	21.1	16.5	24.7	

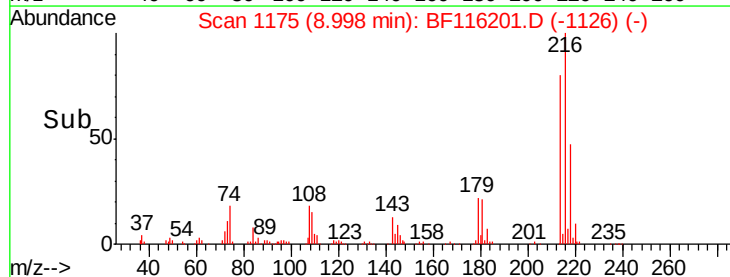
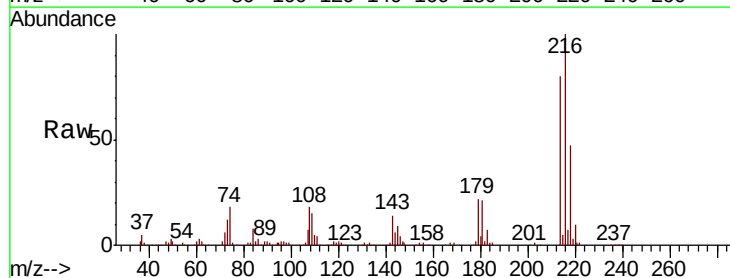
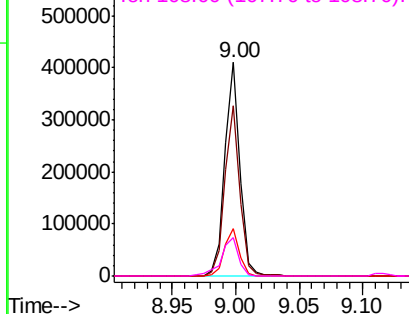
Abundance

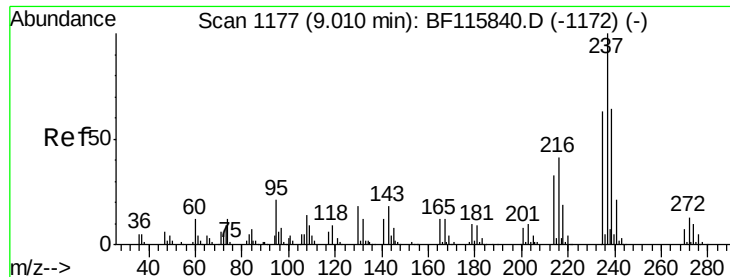
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





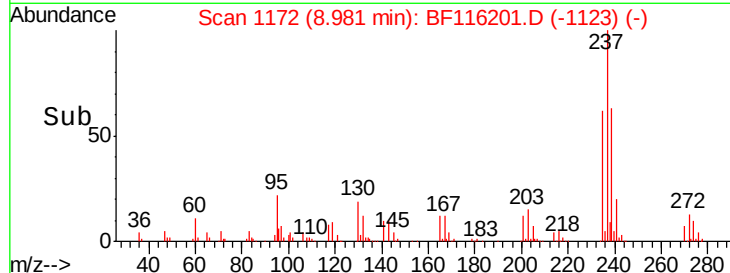
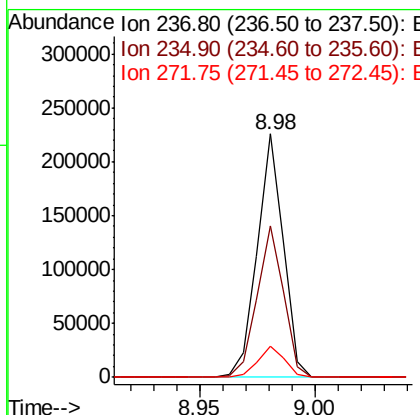
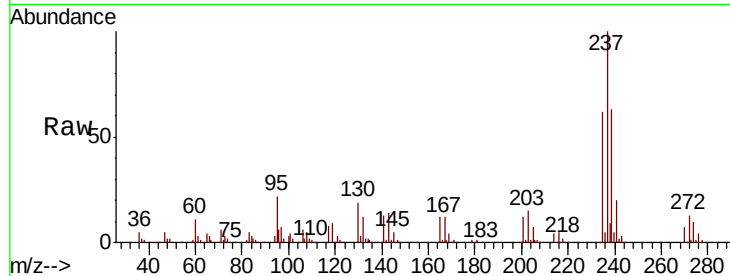
#41
Hexachlorocyclopentadiene
Concen: 59.179 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.2	43.4	83.4		
272	12.8	0.0	33.2		

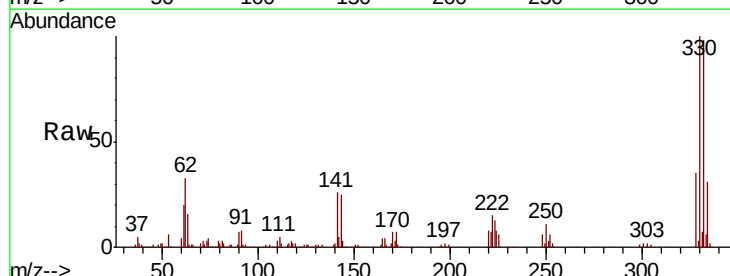
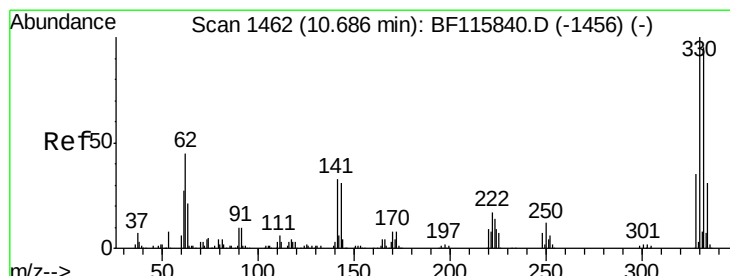
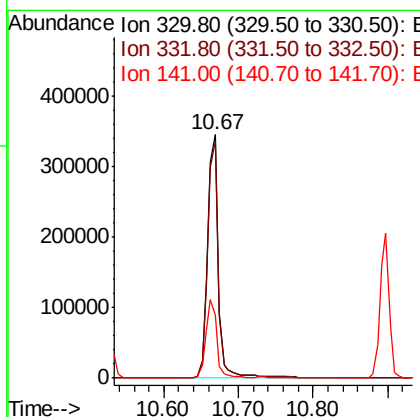
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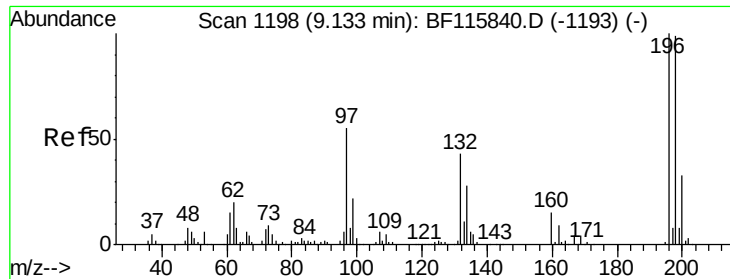
mohammad
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#42
2,4,6-Tribromophenol
Concen: 140.548 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.9	76.8	115.2		
141	32.5	26.3	39.5		





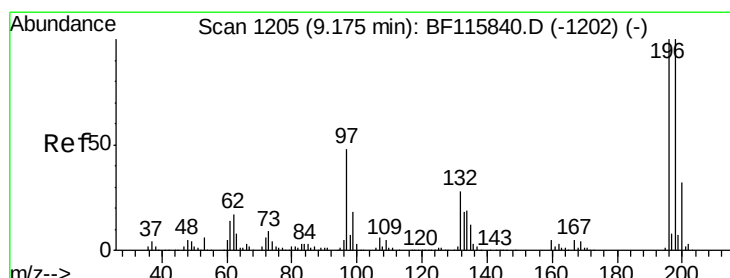
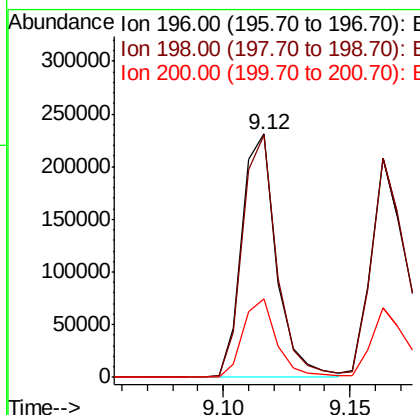
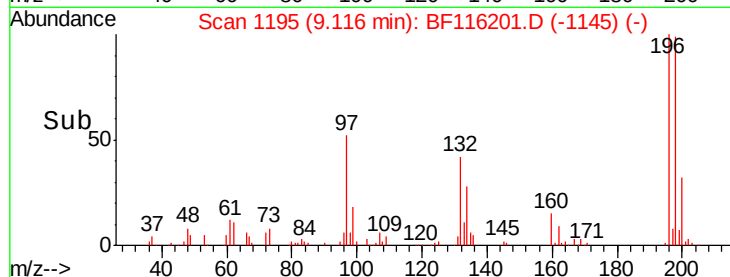
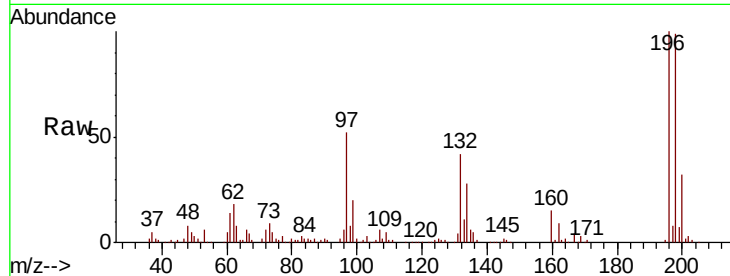
#43
 2,4,6-Trichlorophenol
 Concen: 46.184 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion:	196	Resp:	220061
Ion Ratio	Lower	Upper	
196	100		
198	99.3	79.2	118.8
200	32.4	25.2	37.8

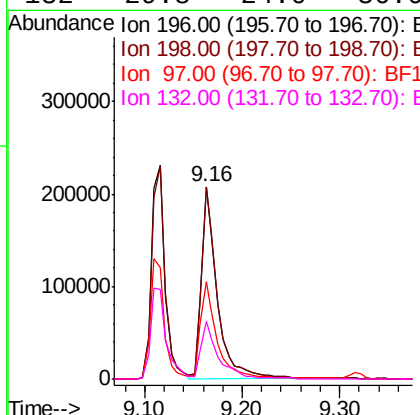
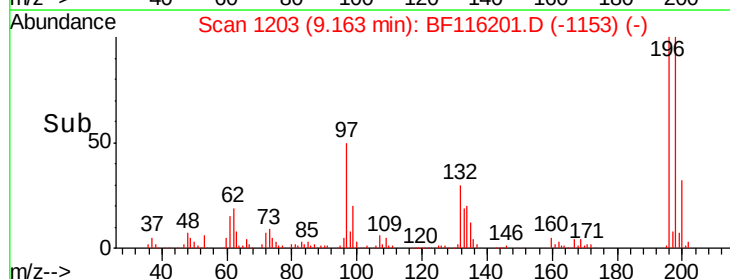
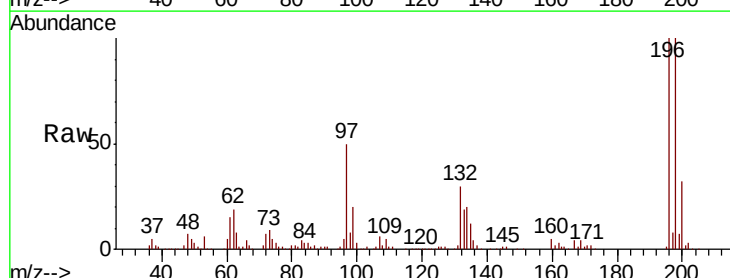
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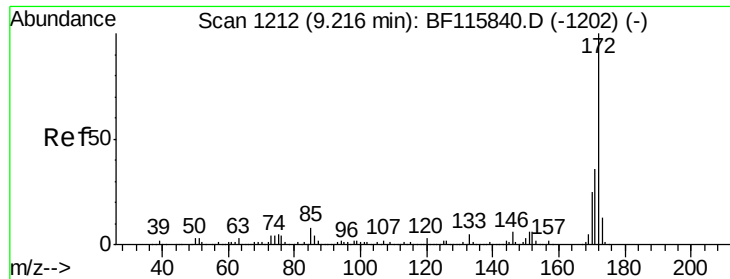
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#44
 2,4,5-Trichlorophenol
 Concen: 47.259 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:	196	Resp:	232771
Ion Ratio	Lower	Upper	
196	100		
198	99.7	78.8	118.2
97	50.4	42.2	63.4
132	29.8	24.0	36.0





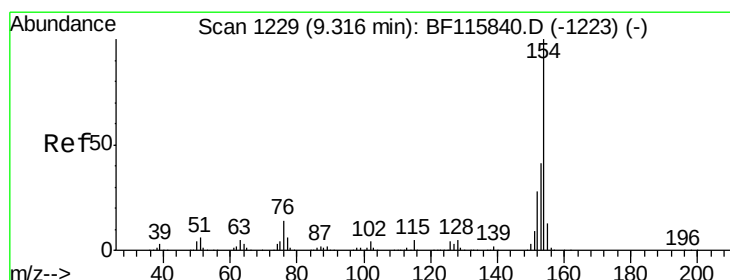
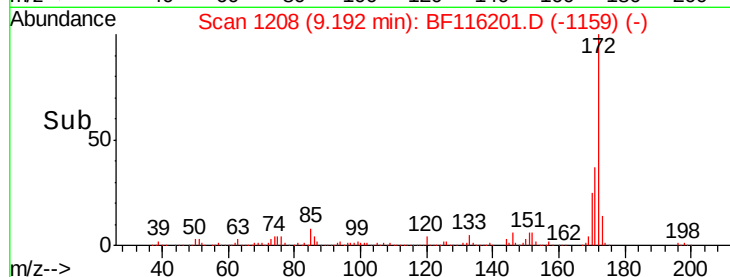
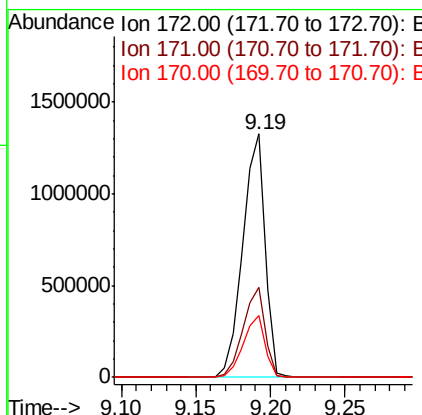
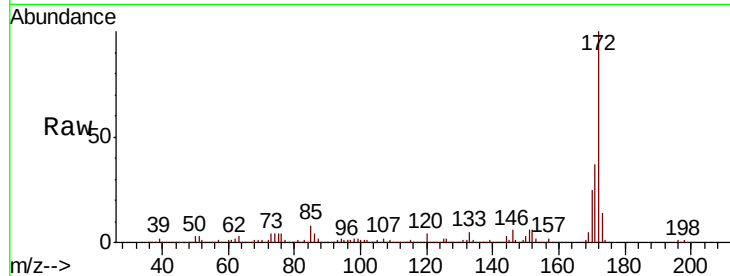
#45
2-Fluorobiphenyl
Concen: 99.735 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.3	20.1	30.1

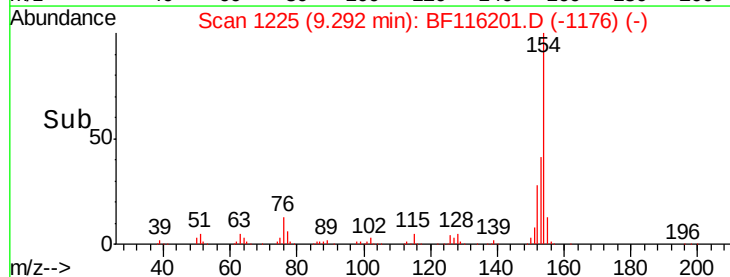
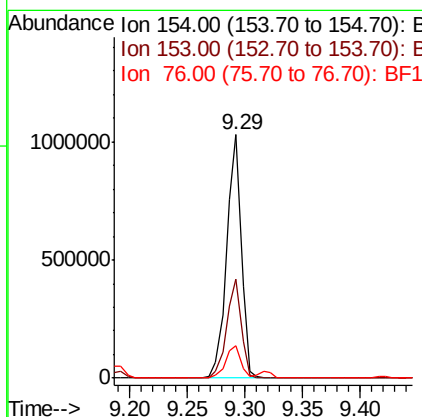
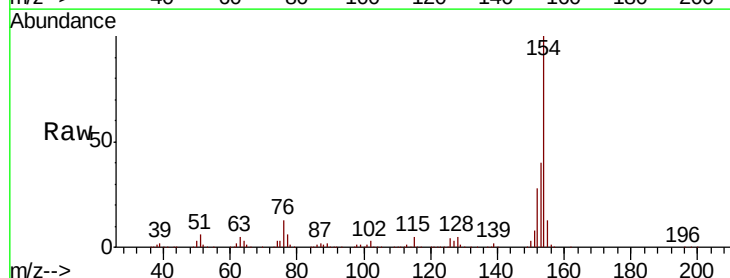
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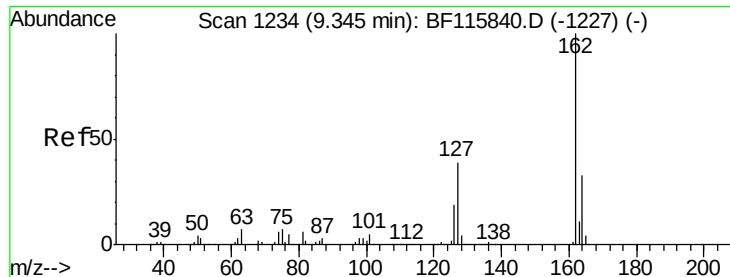
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#46
1,1'-Biphenyl
Concen: 49.582 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	13.5	0.0	35.2





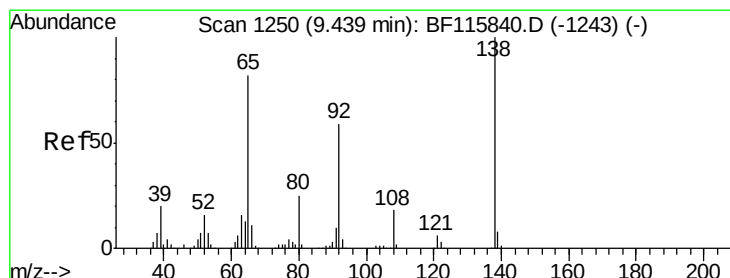
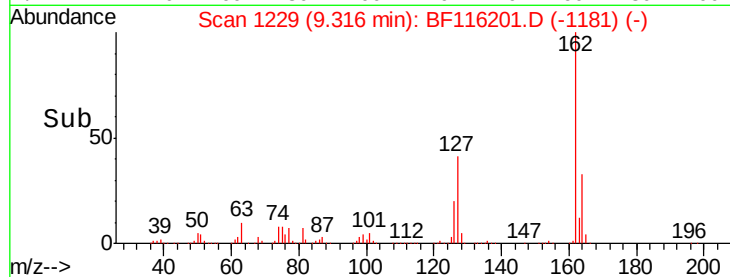
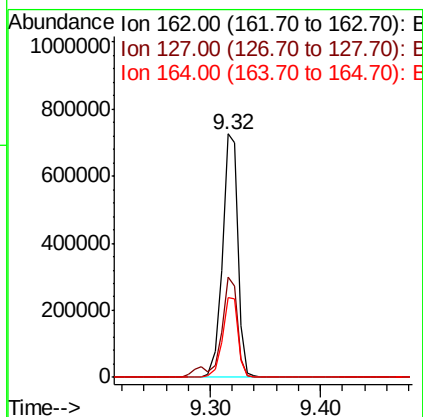
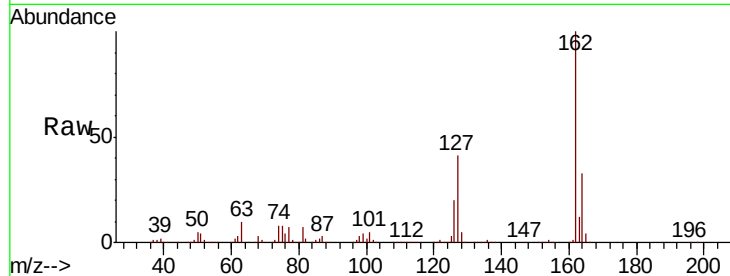
#47
 2-Chloronaphthalene
 Concen: 46.942 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.2	32.8	49.2		
164	32.6	26.6	39.8		

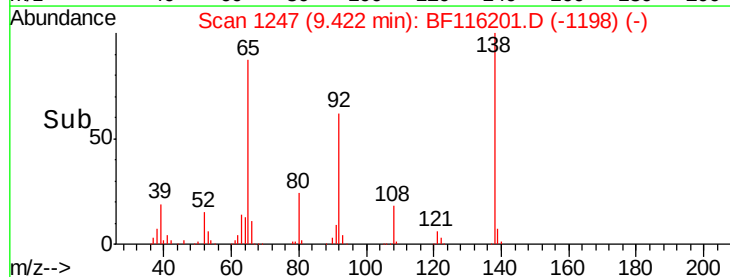
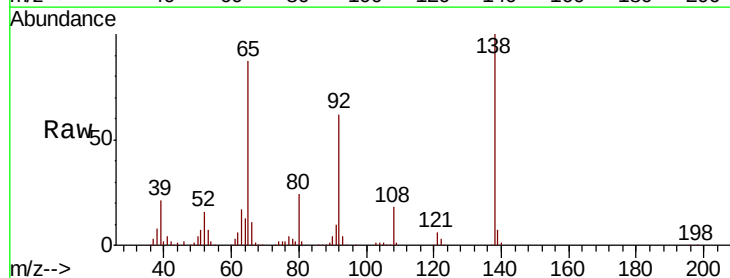
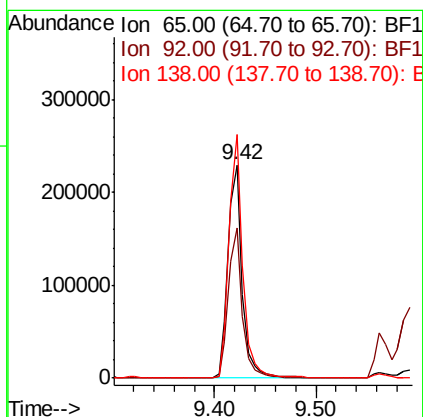
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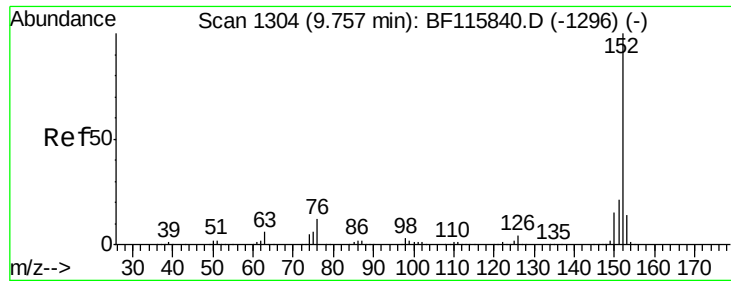
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#48
 2-Nitroaniline
 Concen: 44.750 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.4	57.8	86.8		
138	114.3	94.0	141.0		





#49

Acenaphthylene

Concen: 48.544 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

Tot Ion:152 Resp: 1077556

Ion Ratio Lower Upper

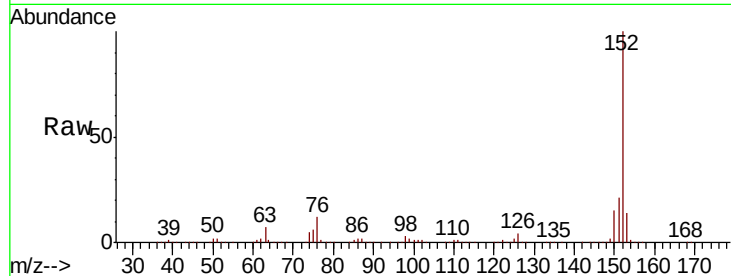
152 100

151 21.1 17.2 25.8

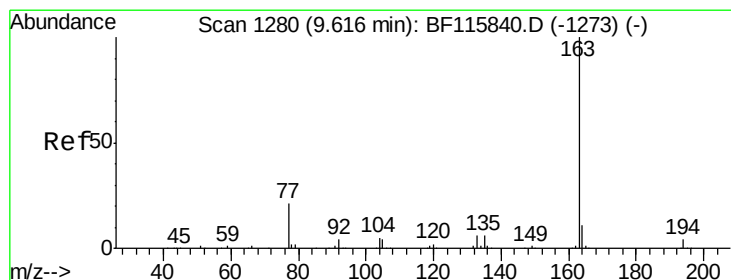
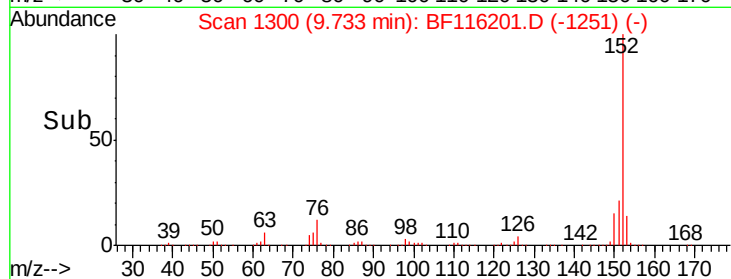
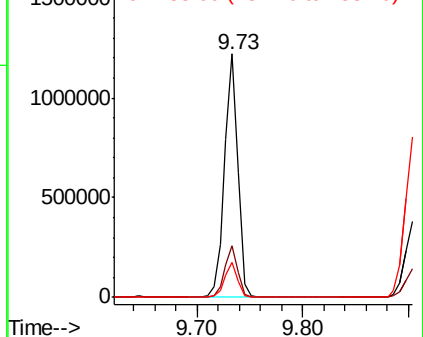
153 14.3 11.8 17.8

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



#50

Dimethylphthalate

Concen: 47.775 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

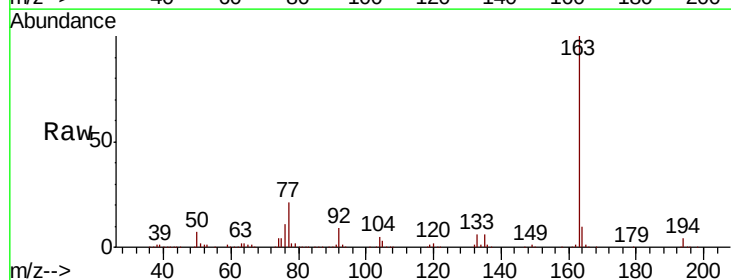
Tgt Ion:163 Resp: 842309

Ion Ratio Lower Upper

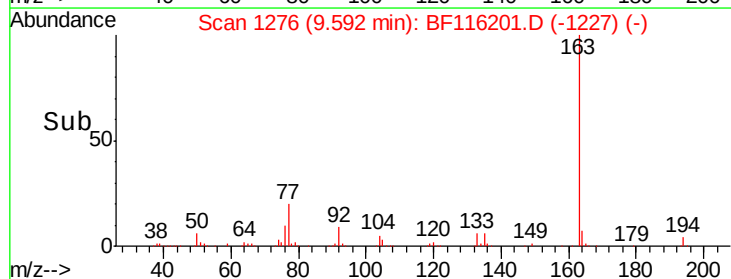
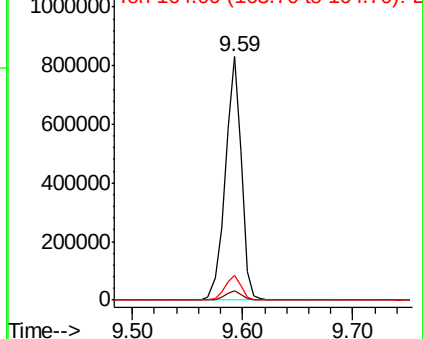
163 100

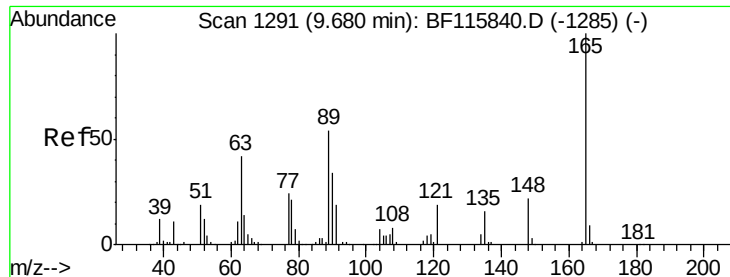
194 3.8 3.0 4.6

164 10.4 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: 49.151 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

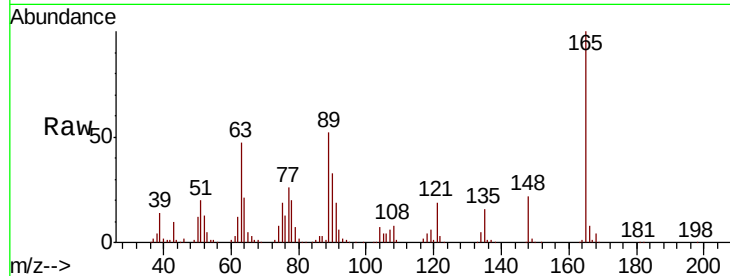
ClientSampleId :

HR-05-080919-AMSD

Tot Ion:	165	Resp:	188324
Ion Ratio	Lower	Upper	
165	100		
63	47.2	38.2	57.2
89	51.7	42.9	64.3

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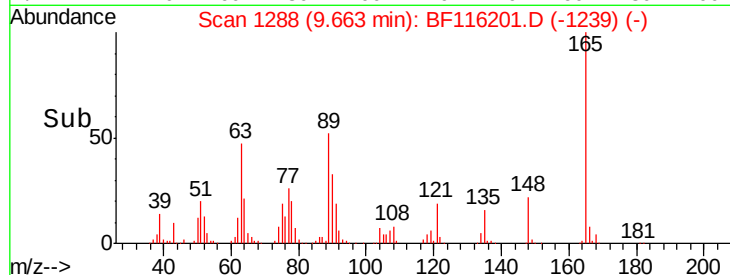


Abundance Ion 165.00 (164.70 to 165.70): E

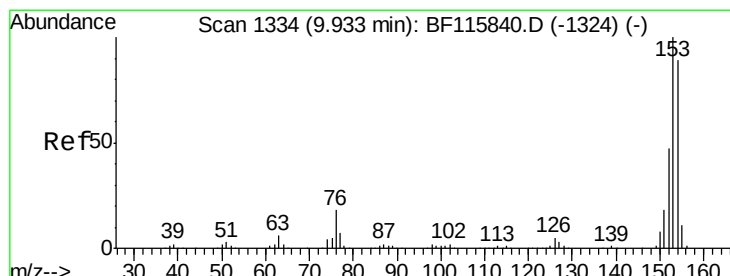
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 47.823 ng

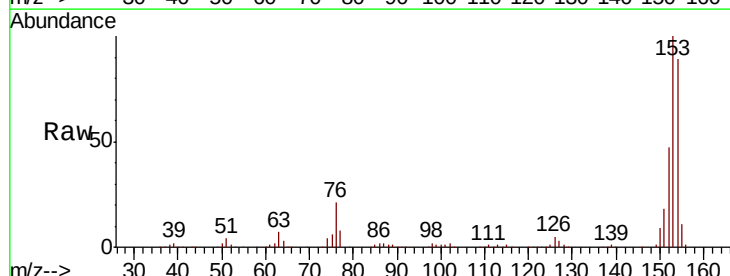
RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Tgt Ion:	154	Resp:	651252
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.4	134.0
152	53.3	42.3	63.5

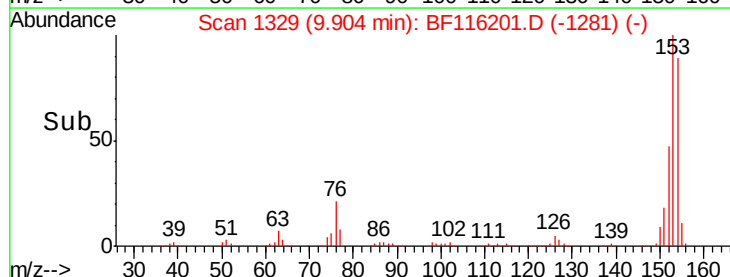


Abundance Ion 154.00 (153.70 to 154.70): E

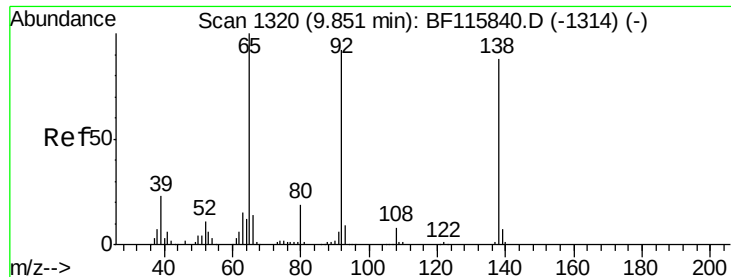
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



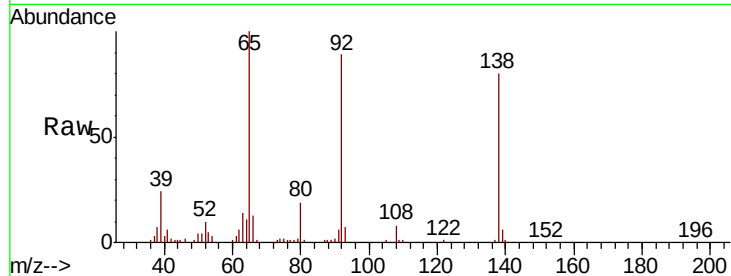
#53
3-Nitroaniline
Concen: 17.820 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.0	12.0
92	111.1	91.0	136.6

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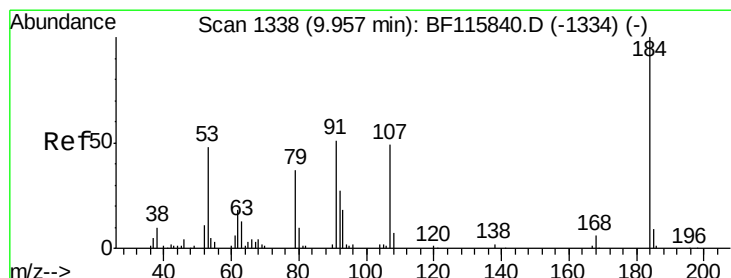
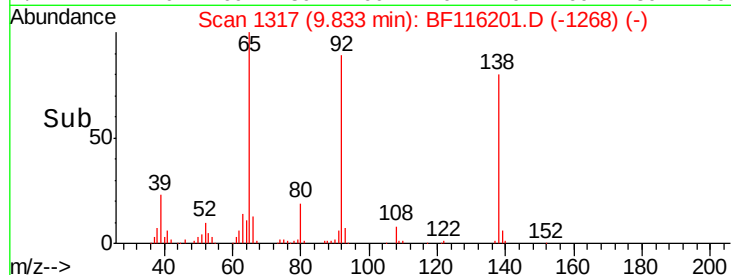
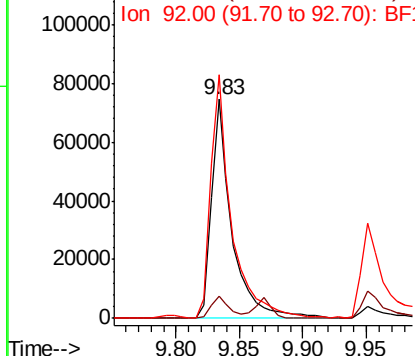


Abundance

Ion 138.00 (137.70 to 138.70): E

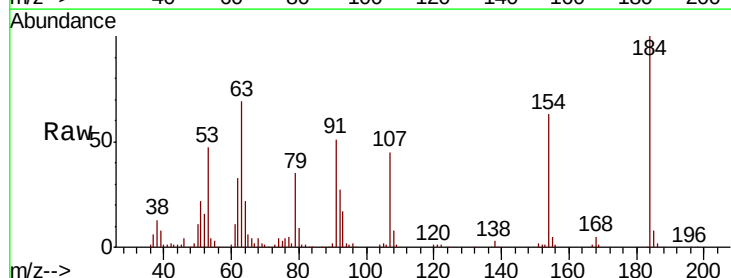
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.117 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.5	53.0	79.4
154	63.5	50.1	75.1

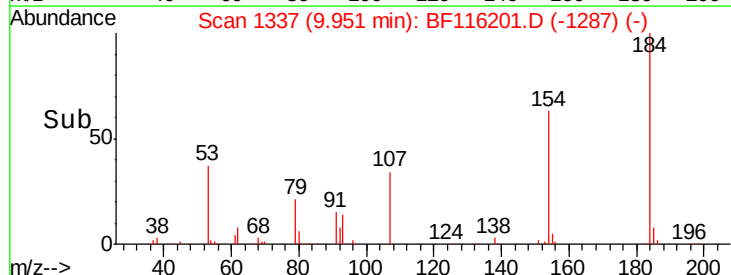
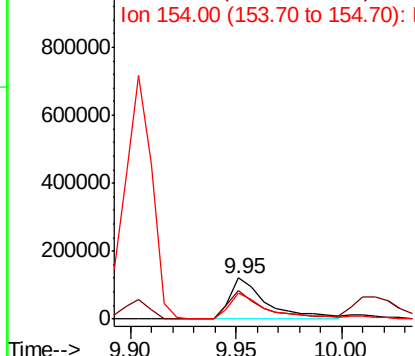


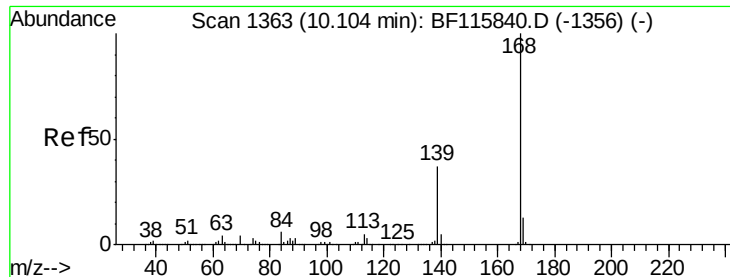
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





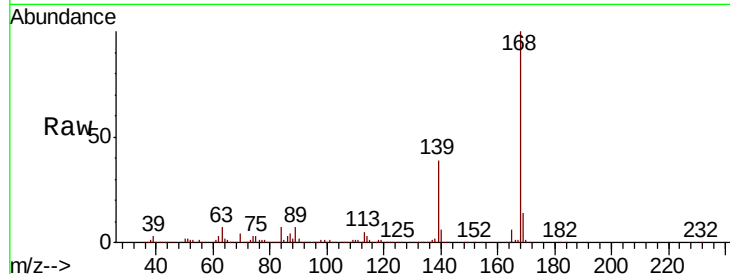
#55
Dibenzofuran
Concen: 47.018 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.4	47.2
169	14.0	10.9	16.3

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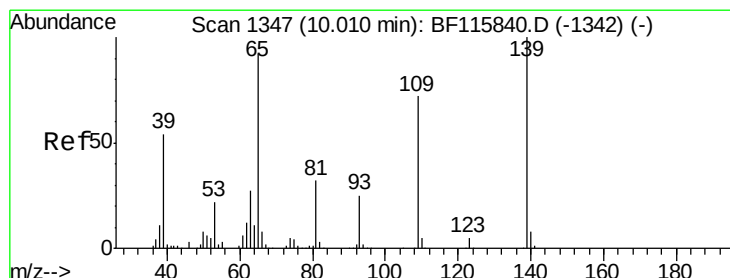
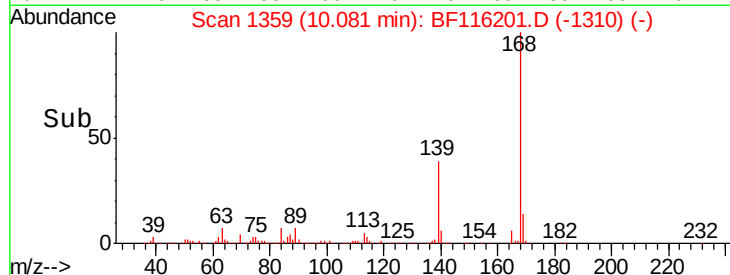
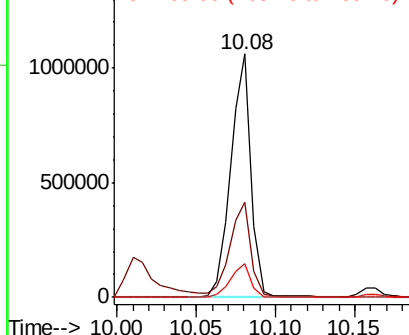


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 76.583 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

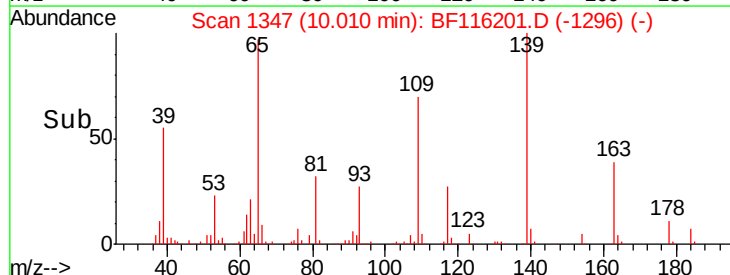
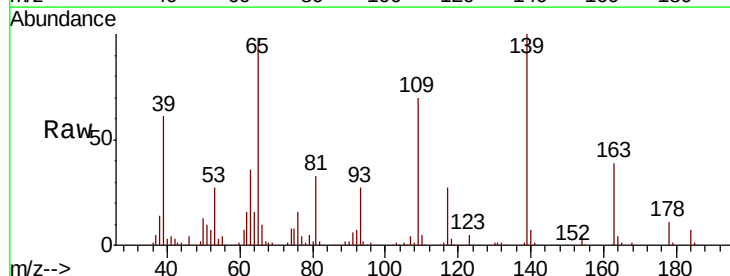
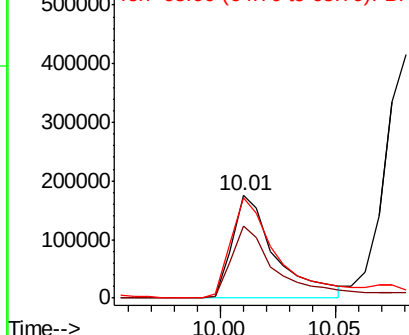
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.7	54.4	94.4
65	97.8	80.6	120.6

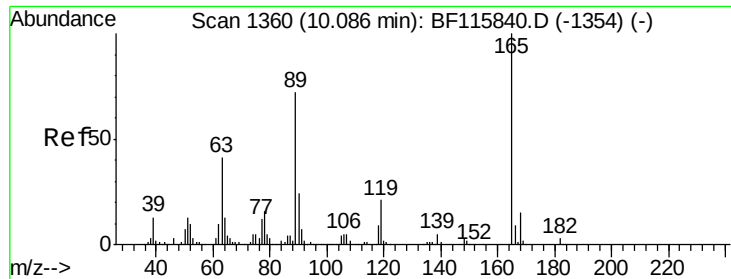
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 46.611 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

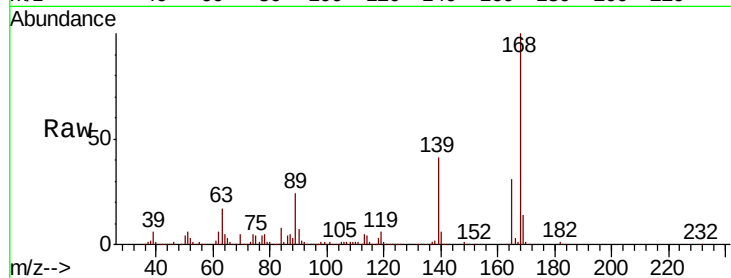
ClientSampleId :

HR-05-080919-AMSD

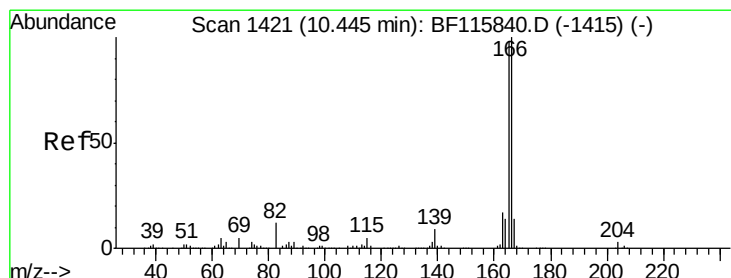
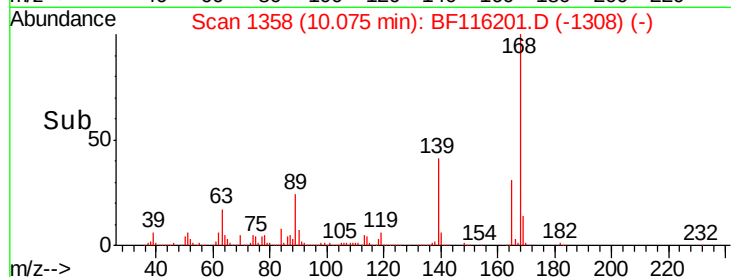
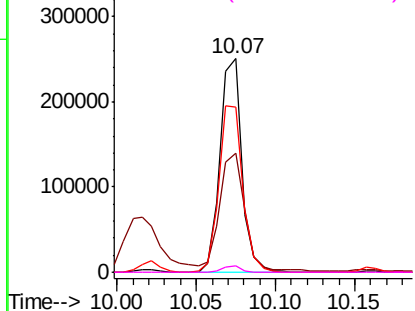
Tot Ion:	165	Resp:	237780
Ion Ratio	Lower	Upper	
165	100		
63	56.0	39.6	59.4
89	77.5	62.2	93.2
182	2.8	2.1	3.1

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.965 ng

RT: 10.42 min Scan# 1417

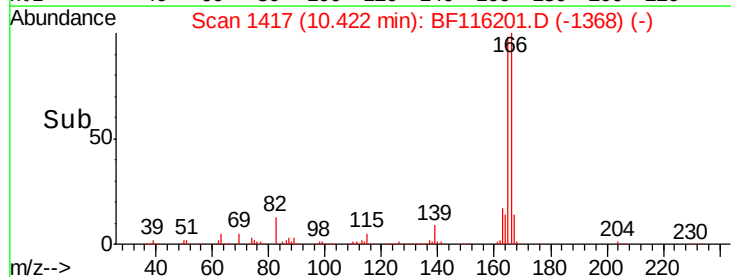
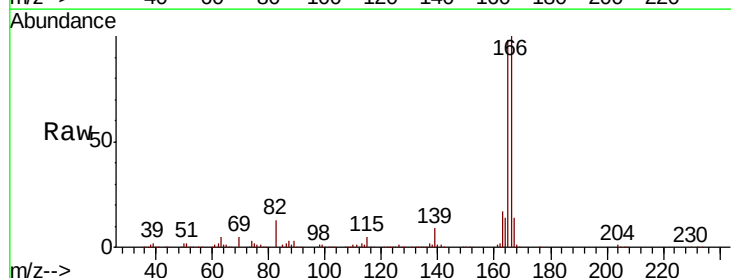
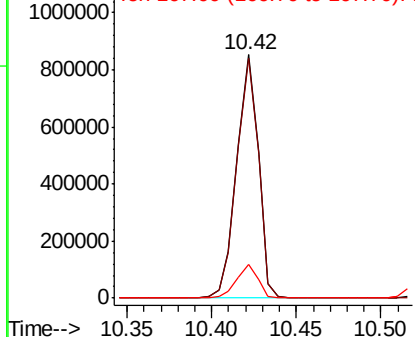
Delta R.T. -0.01 min

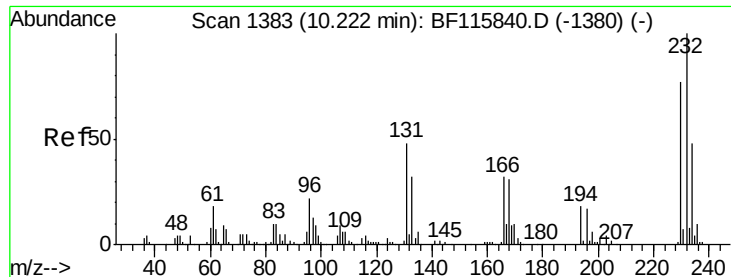
Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Tgt Ion:	166	Resp:	761302
Ion Ratio	Lower	Upper	
166	100		
165	98.4	78.4	117.6
167	13.9	11.0	16.4

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





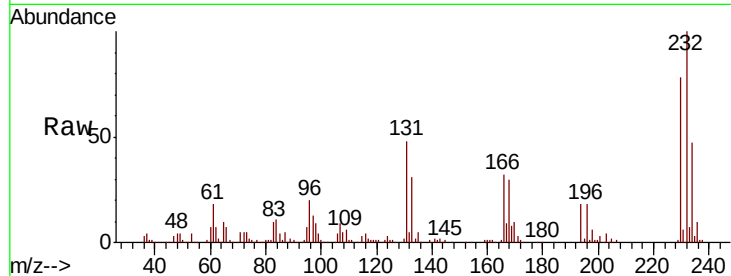
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.747 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		210289		
131	44.0	36.2	54.2		
130	2.5	1.9	2.9		
166	28.9	23.0	34.4		

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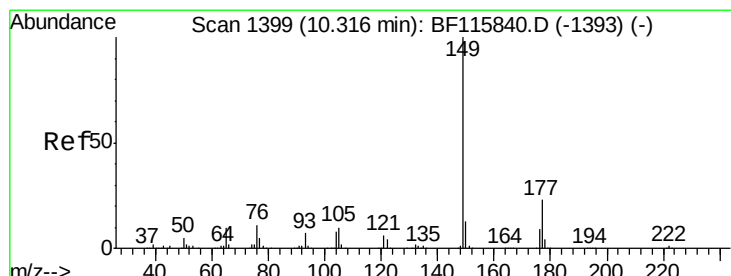
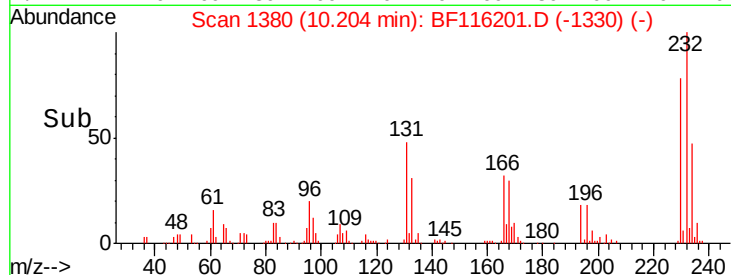
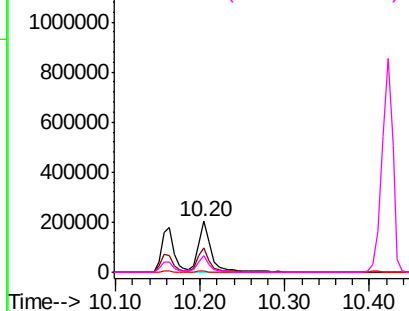
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

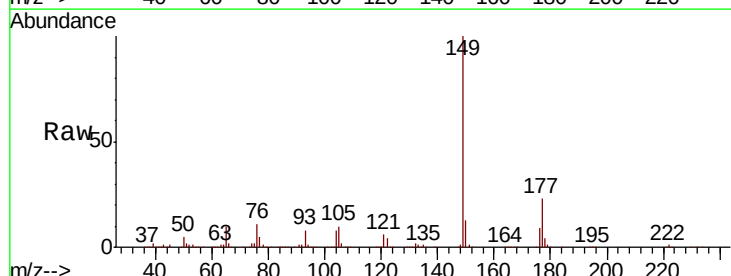
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.186 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		826104		
177	22.9	18.8	28.2		
150	12.7	10.2	15.4		

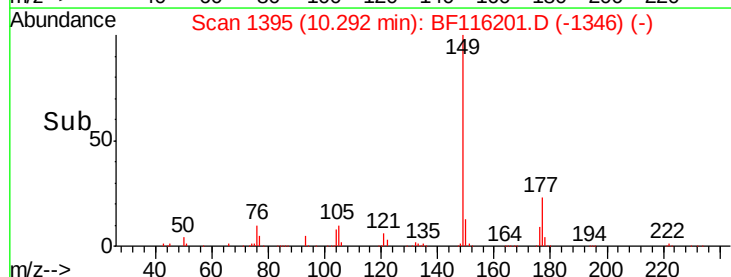
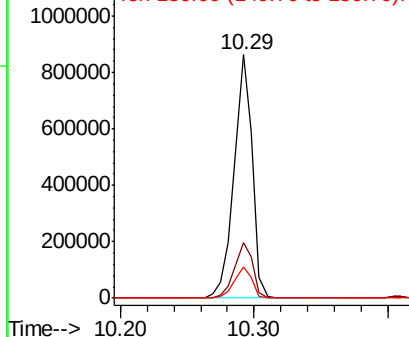


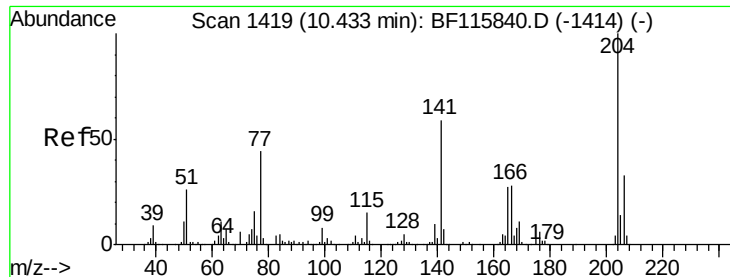
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





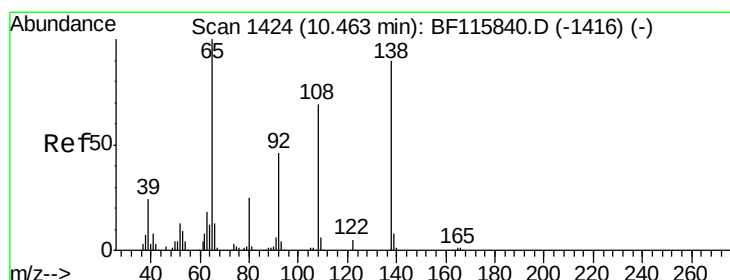
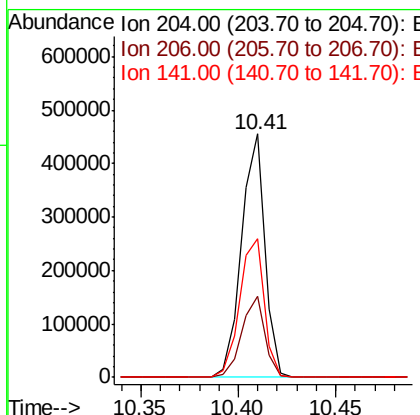
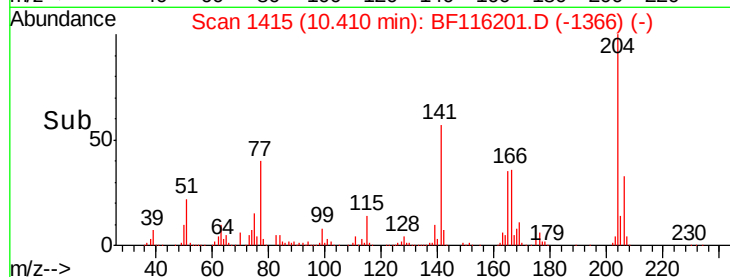
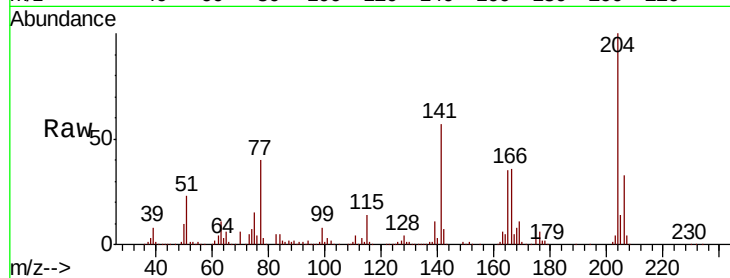
#61
4-Chlorophenyl-phenylether
Concen: 49.184 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion:	204	Resp:	379538
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.4	39.6
141	56.8	46.4	69.6

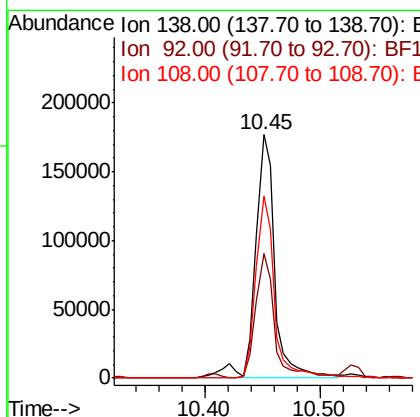
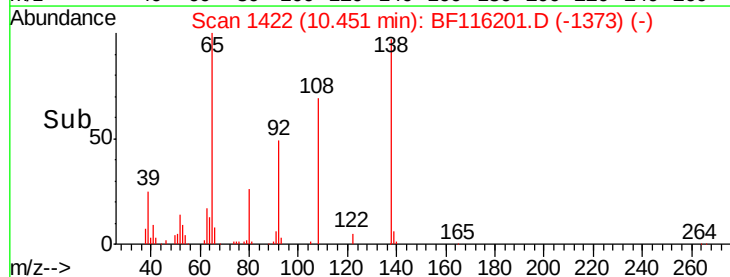
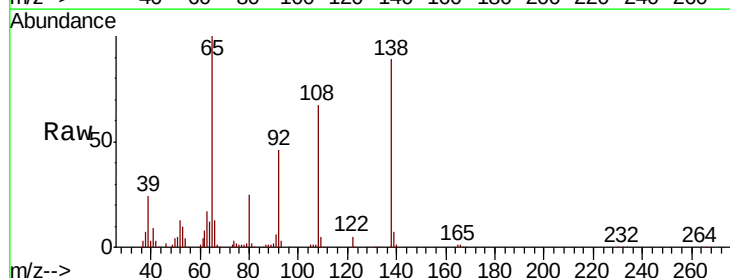
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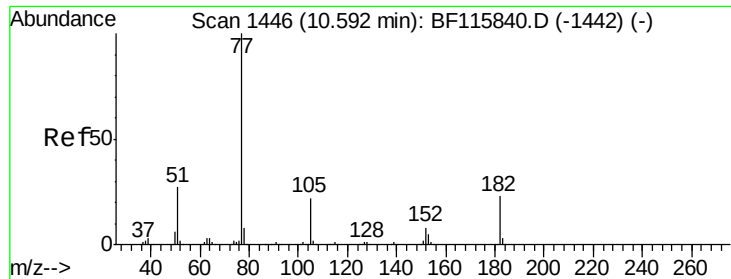
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#62
4-Nitroaniline
Concen: 42.734 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:	138	Resp:	209081
Ion Ratio	Lower	Upper	
138	100		
92	51.0	29.0	69.0
108	74.7	54.7	94.7





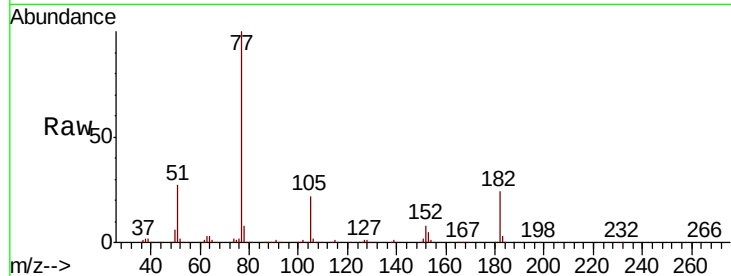
#63
Azobenzene
Concen: 49.912 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

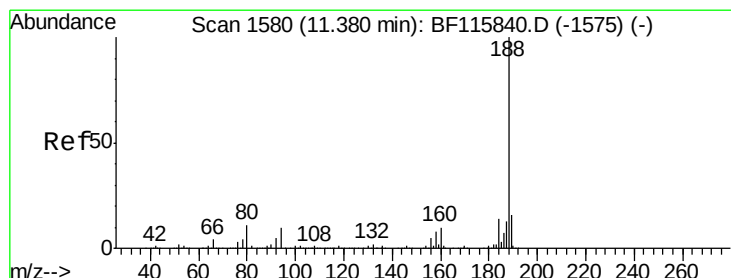
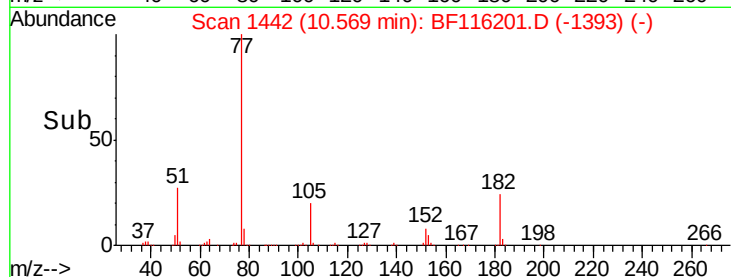
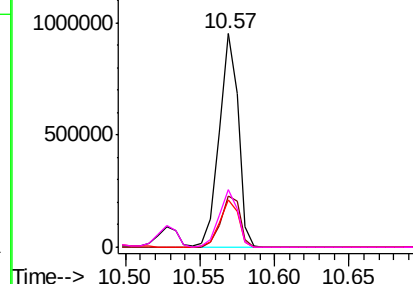
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.7	4.0	44.0	
105	22.1	2.0	42.0	
51	26.9	7.5	47.5	

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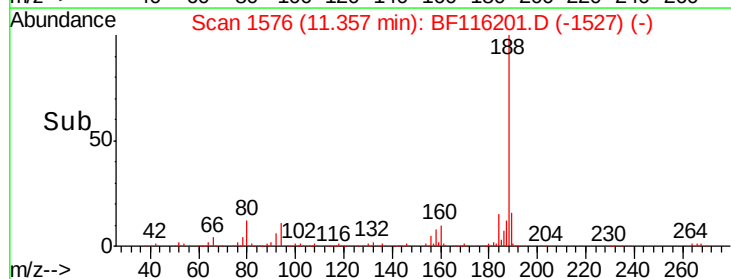
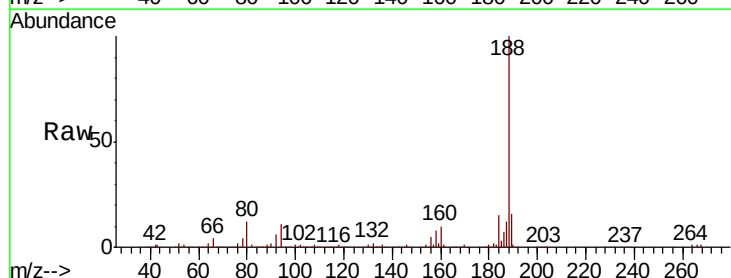
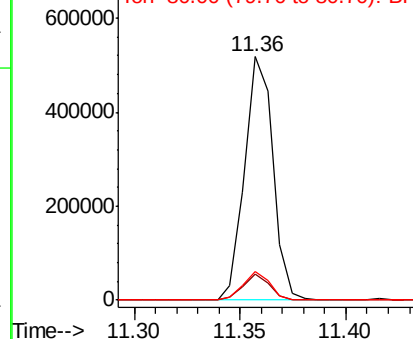
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

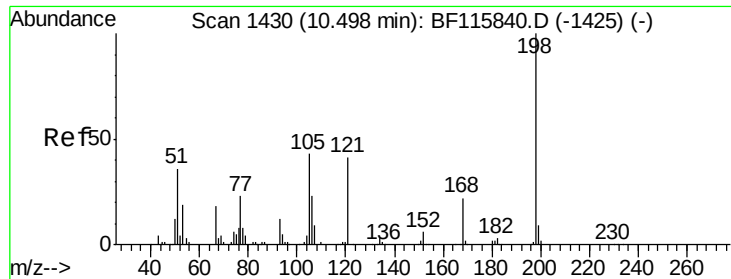


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	8.1	12.1	
80	11.9	8.7	13.1	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 45.960 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

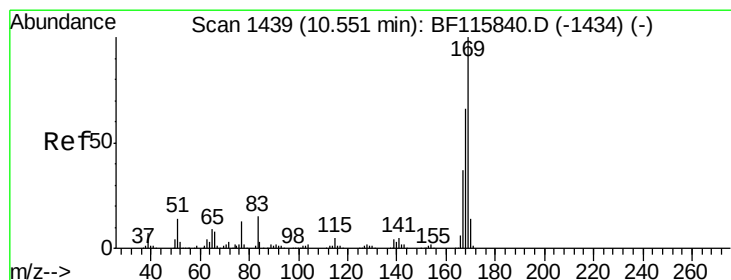
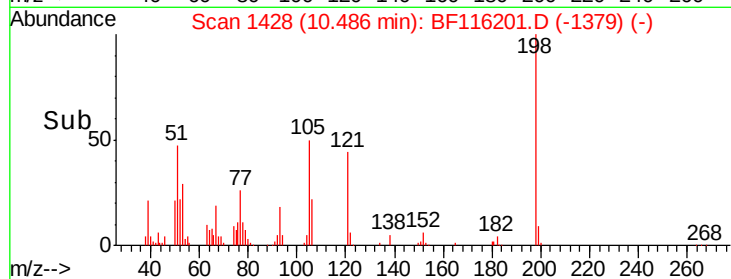
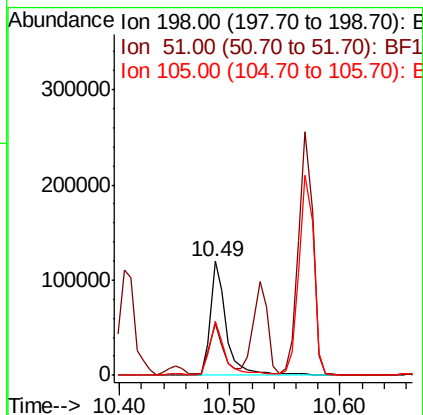
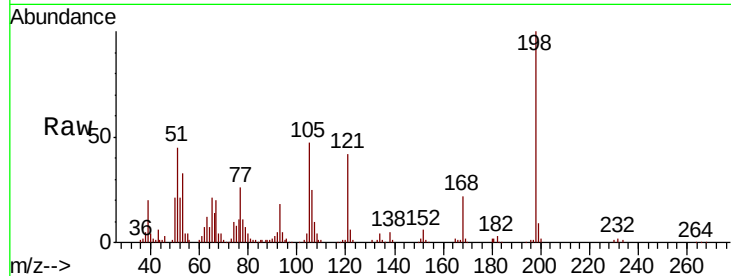
ClientSampleId :

HR-05-080919-AMSD

Tot Ion:	198	Resp:	117383
Ion Ratio	Lower	Upper	
198	100		
51	45.0	17.0	57.0
105	47.3	21.6	61.6

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#66

n-Nitrosodiphenylamine

Concen: 47.069 ng

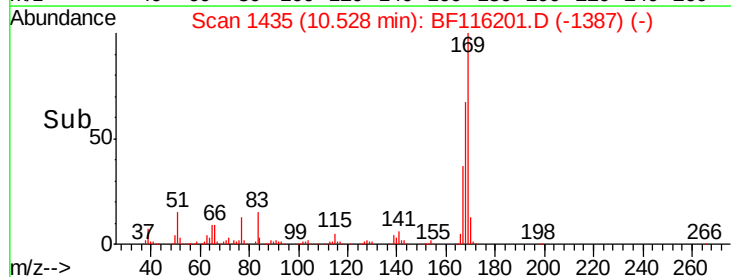
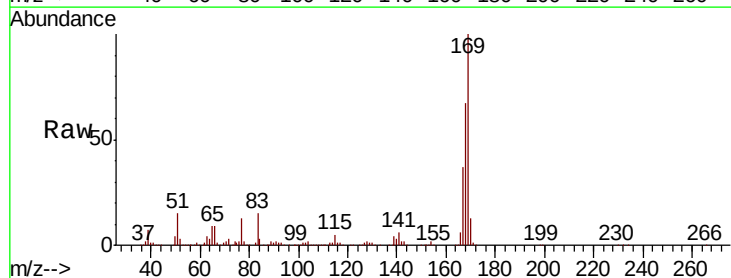
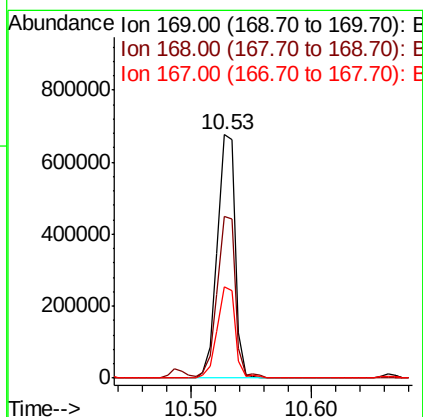
RT: 10.53 min Scan# 1435

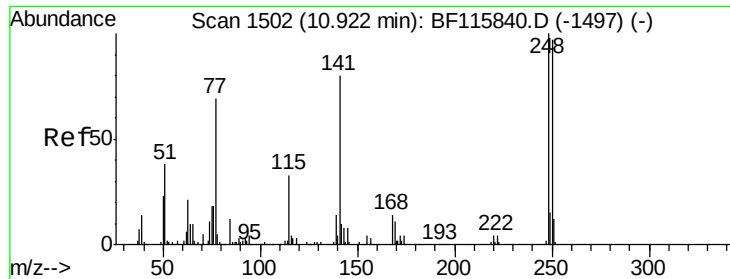
Delta R.T. -0.02 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Tgt Ion:	169	Resp:	682800
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.8	80.6
167	37.3	29.6	44.4





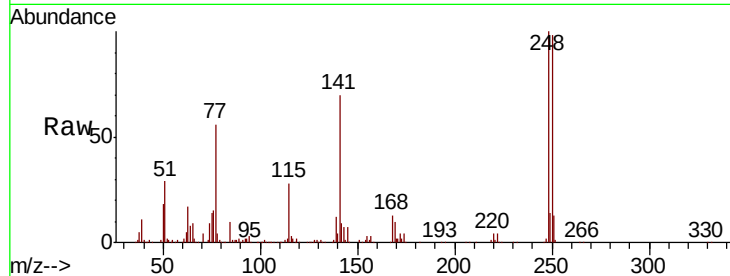
#67
4-Bromophenyl-phenylether
Concen: 46.528 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.4	116.2
141	70.4	56.8	85.2

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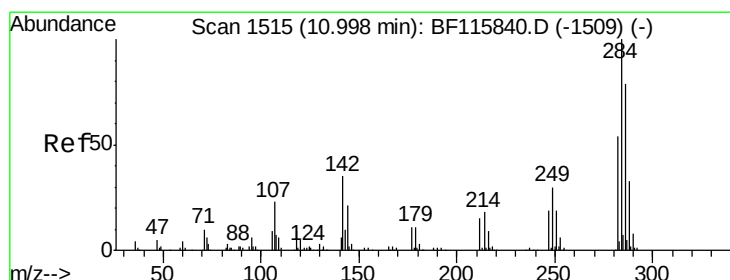
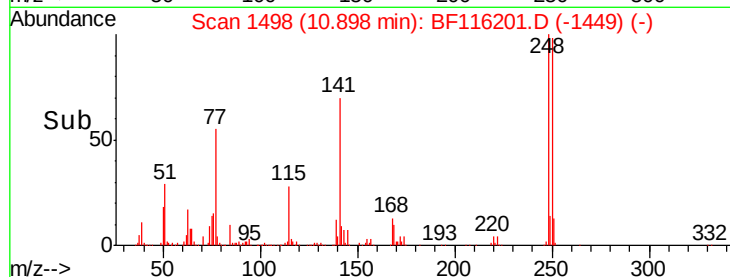
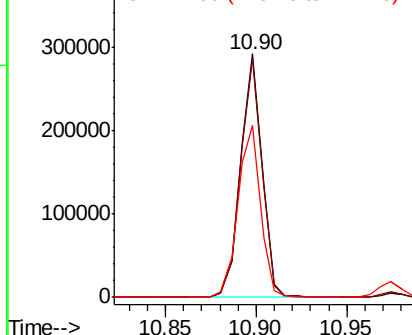


Abundance

Ion 248.00 (247.70 to 248.70): E

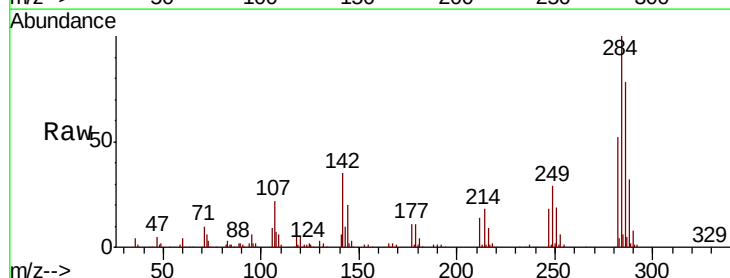
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.654 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.4	42.6
249	29.3	24.5	36.7

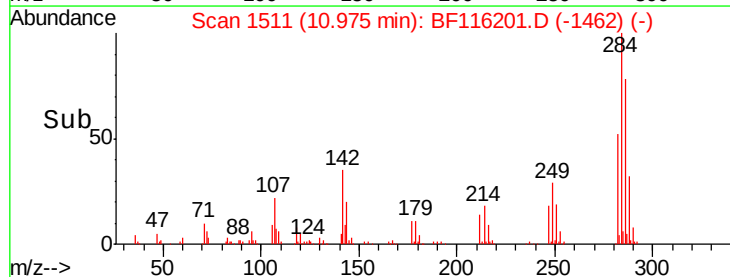
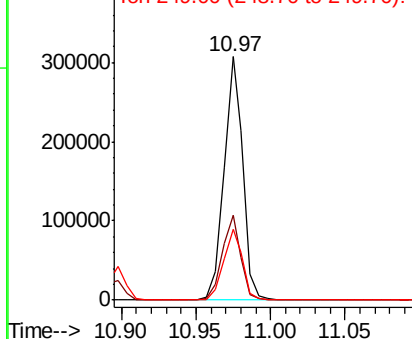


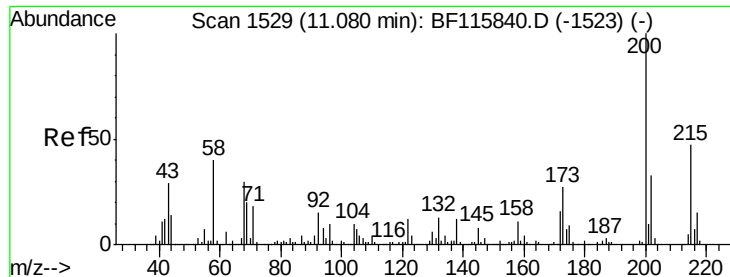
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





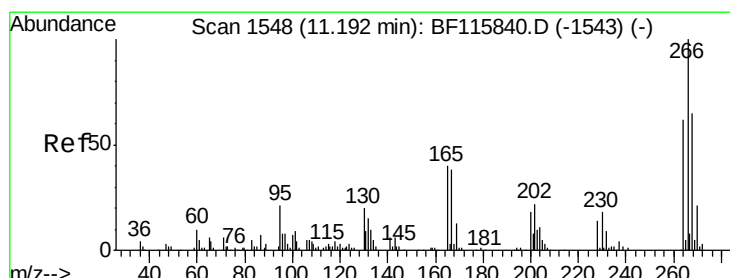
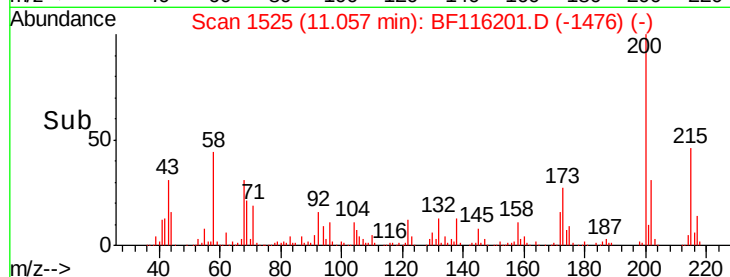
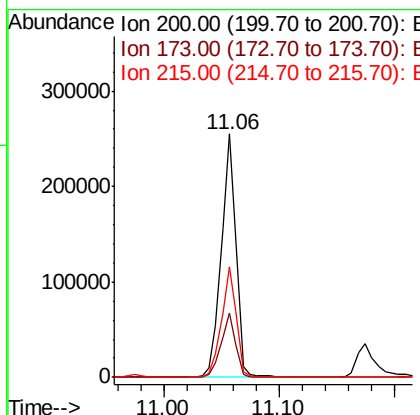
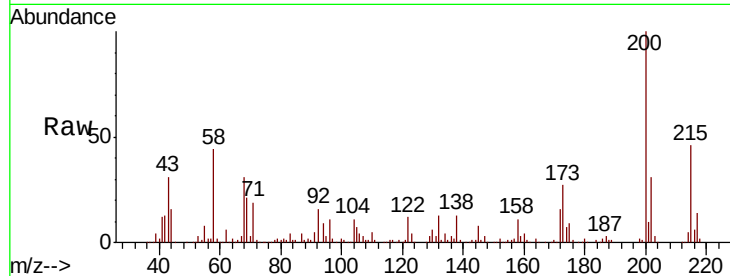
#69
 Atrazine
 Concen: 47.749 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	227871		
173	26.6	6.8	46.8	
215	45.6	27.5	67.5	

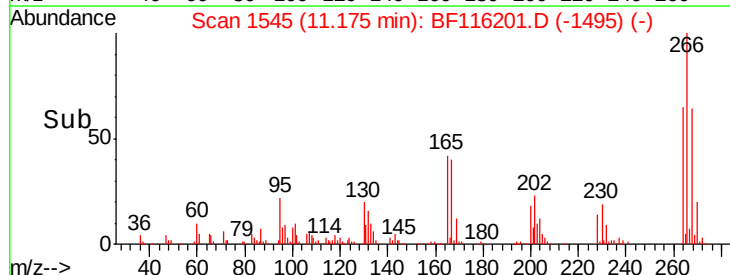
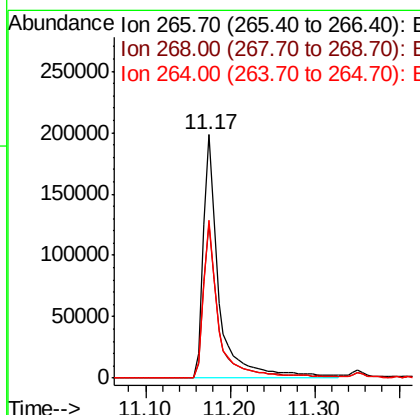
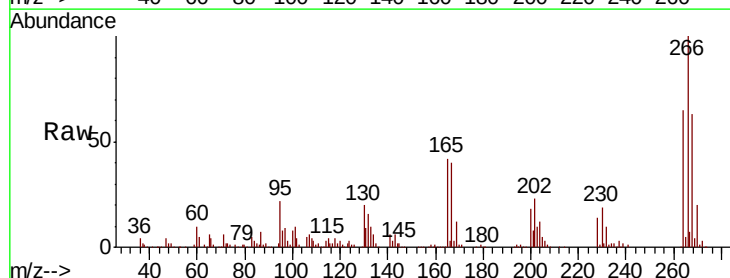
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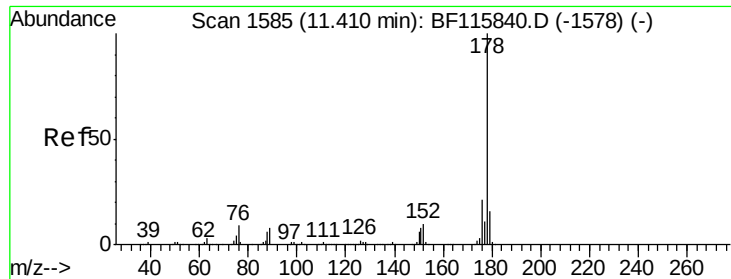
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#70
 Pentachlorophenol
 Concen: 88.874 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	257419		
268	63.4	48.8	73.2	
264	65.0	50.6	76.0	





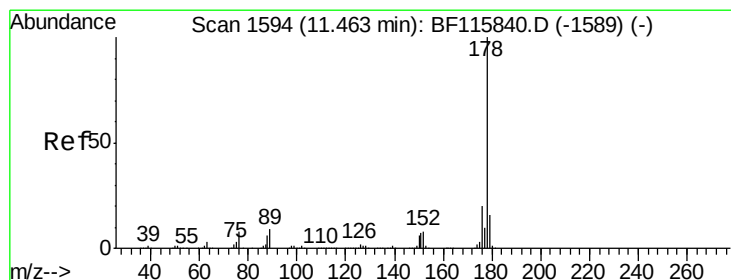
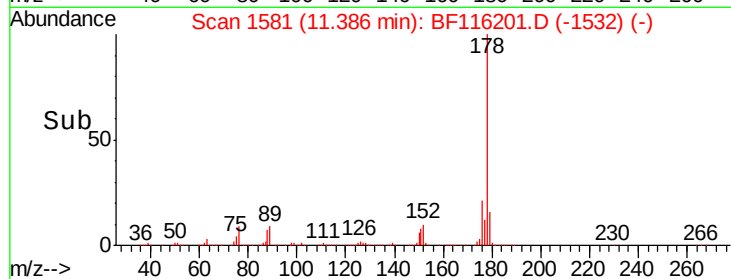
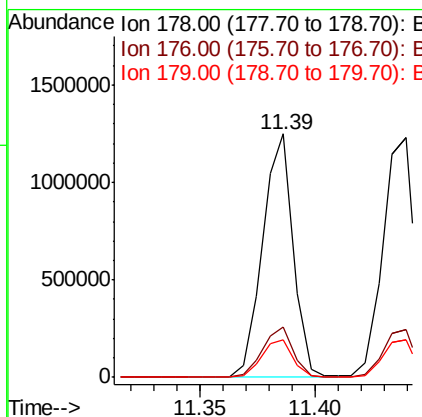
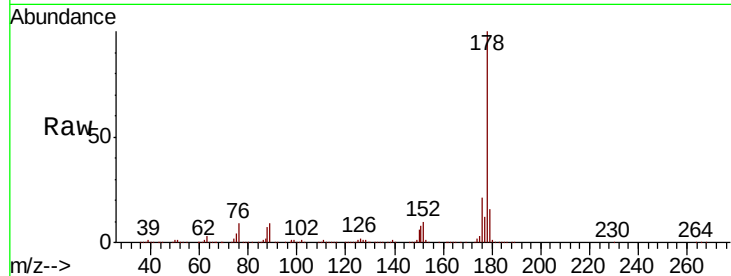
#71
Phenanthrene
Concen: 46.809 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	15.6	12.5	18.7

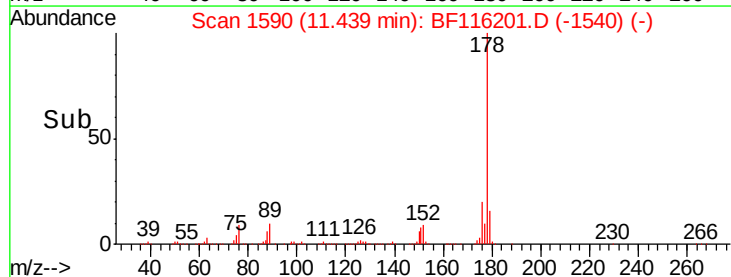
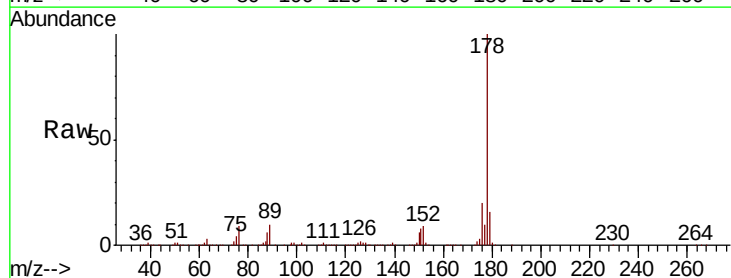
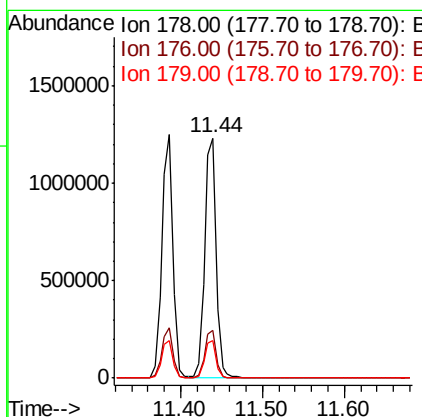
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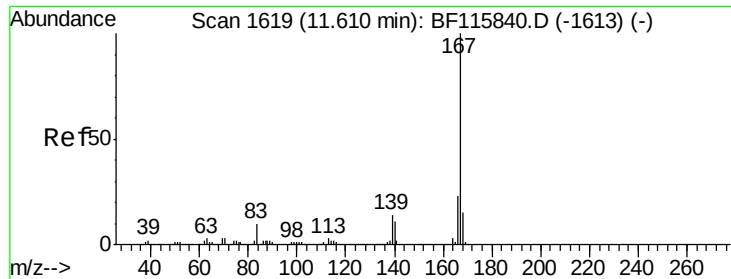
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#72
Anthracene
Concen: 48.278 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.6	13.0	19.6





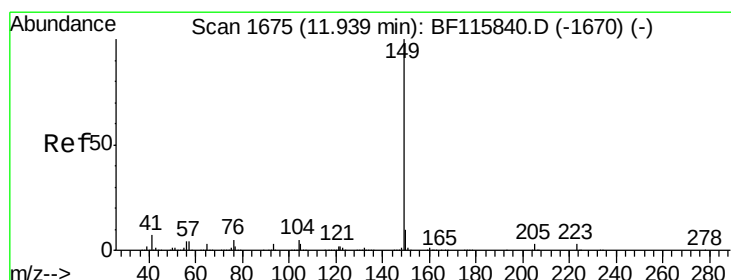
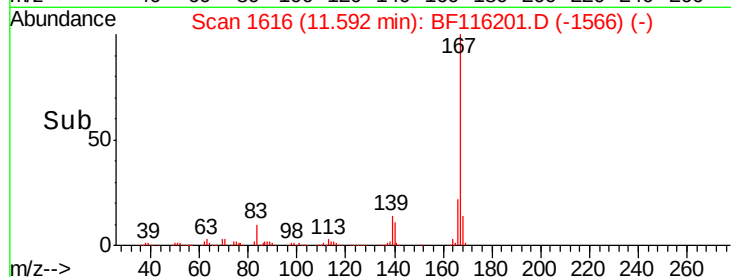
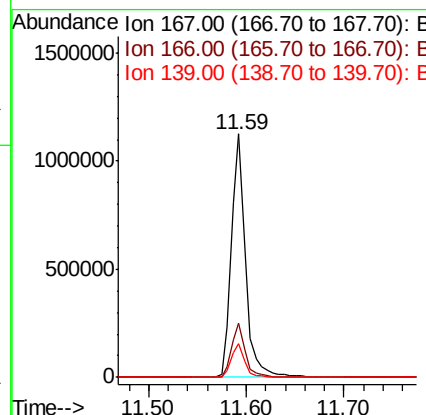
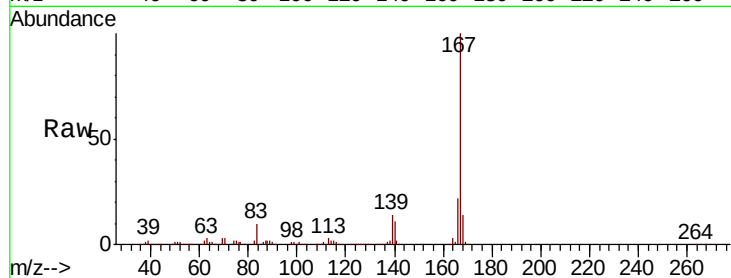
#73
 Carbazole
 Concen: 49.822 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.9	11.4	17.0

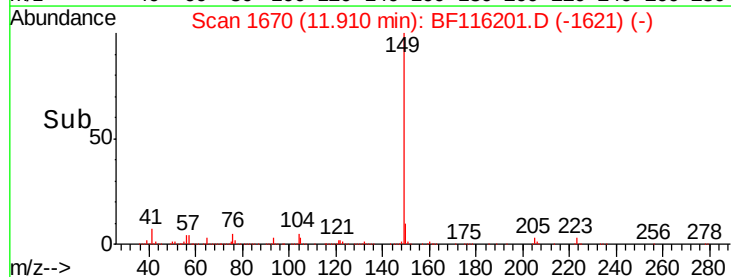
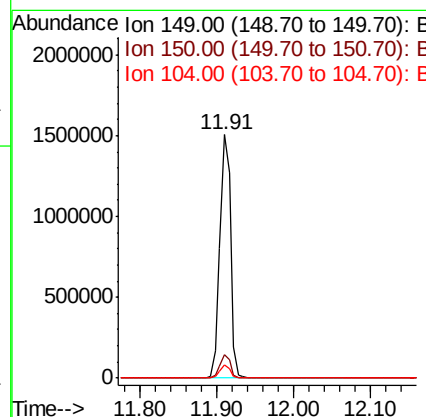
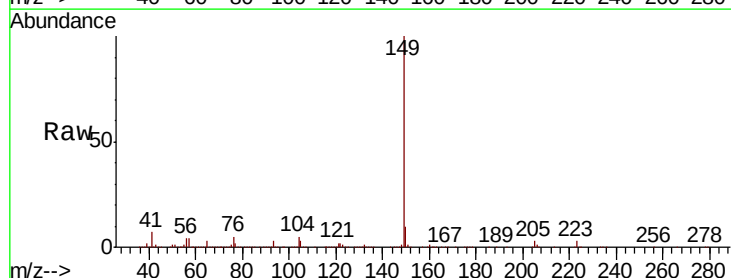
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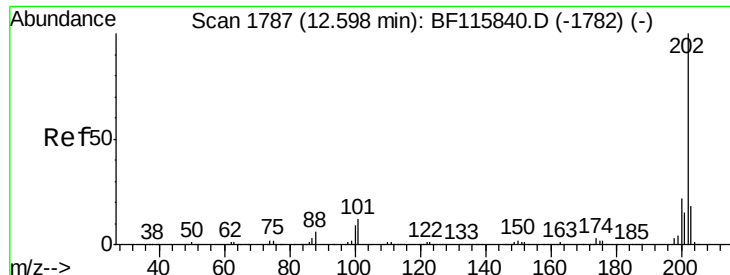
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#74
 Di-n-butylphthalate
 Concen: 53.447 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 50.586 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMSD

Tot Ion:202 Resp: 1304832

Ion Ratio Lower Upper

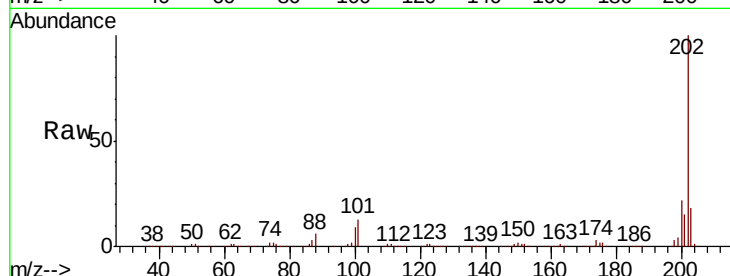
202 100

101 12.8 0.0 31.2

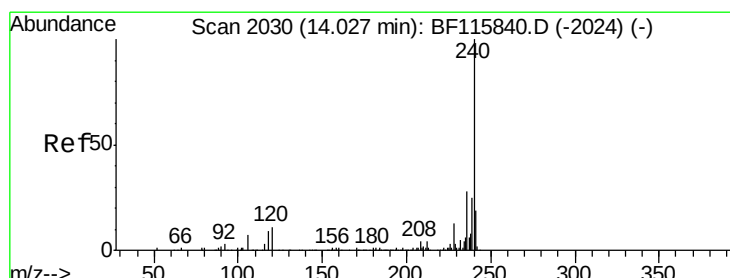
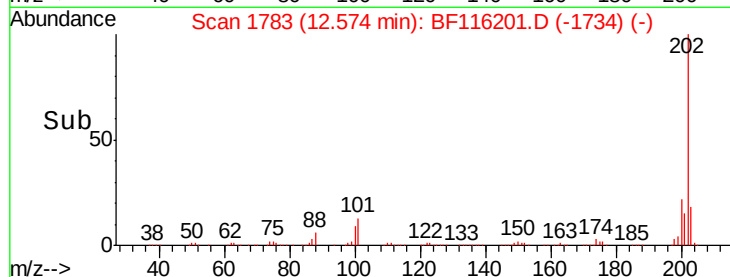
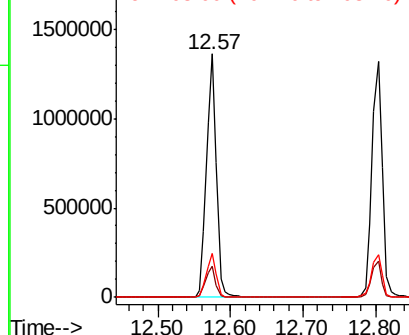
203 18.1 0.0 37.8

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

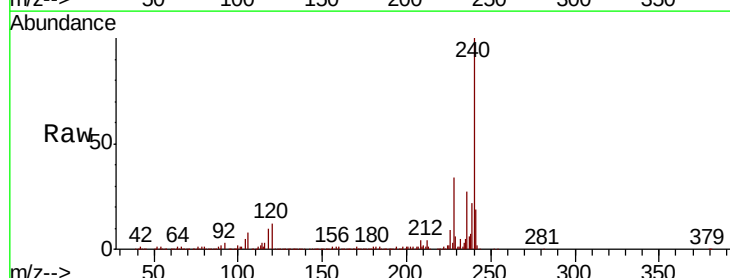
Tgt Ion:240 Resp: 386041

Ion Ratio Lower Upper

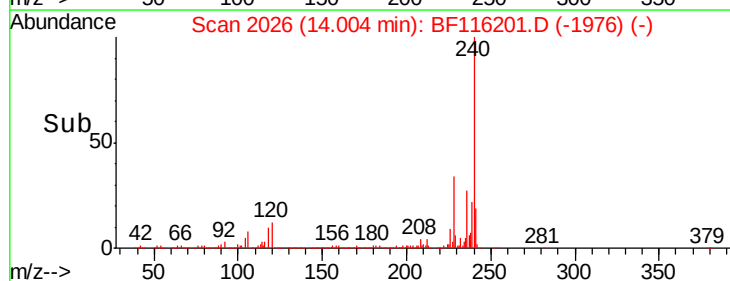
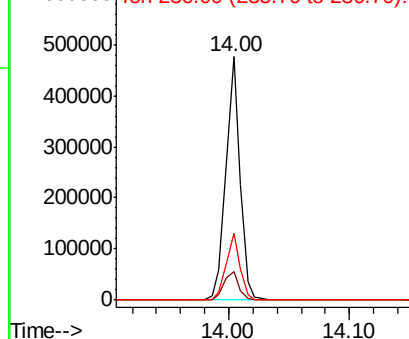
240 100

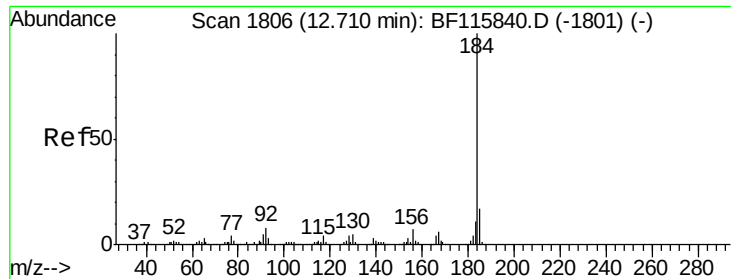
120 11.6 10.7 16.1

236 27.4 22.2 33.2



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





#77

Benzidine

Concen: 7.305 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

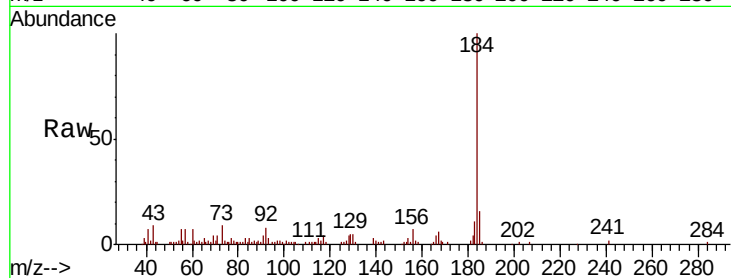
ClientSampleId :

HR-05-080919-AMSD

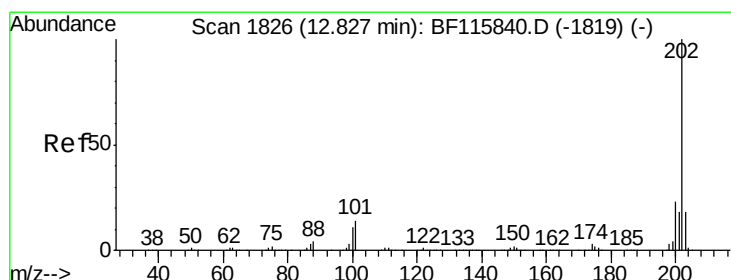
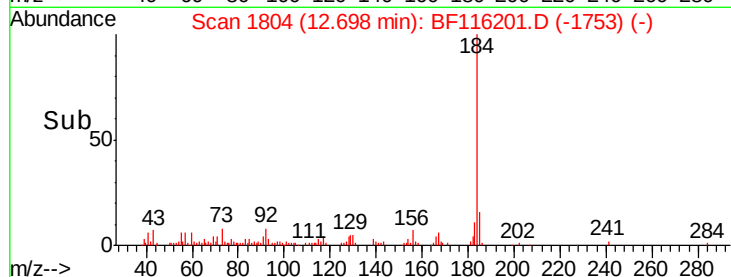
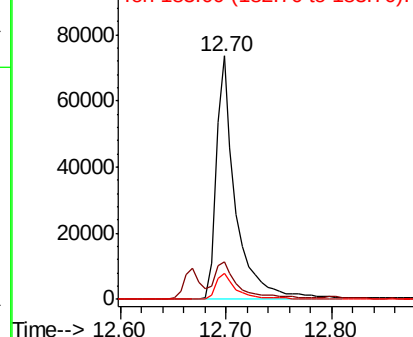
Tot Ion:	184	Resp:	95278
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.8	19.2
183	10.8	9.4	14.0

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



#78

Pyrene

Concen: 45.443 ng

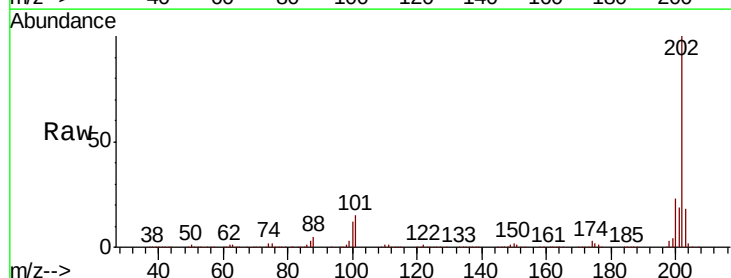
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

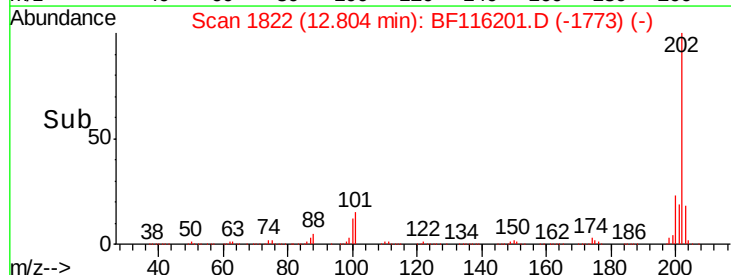
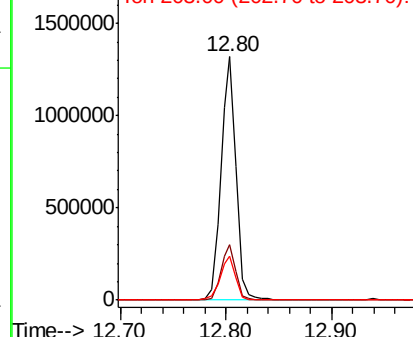
Lab File: BF116201.D

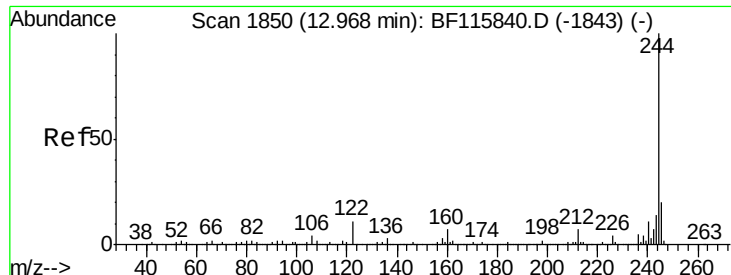
Acq: 12 Aug 2019 20:58

Tgt Ion:	202	Resp:	1322413
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.0	27.0
203	18.1	14.1	21.1



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





#79
 Terphenyl-d14
 Concen: 95.780 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

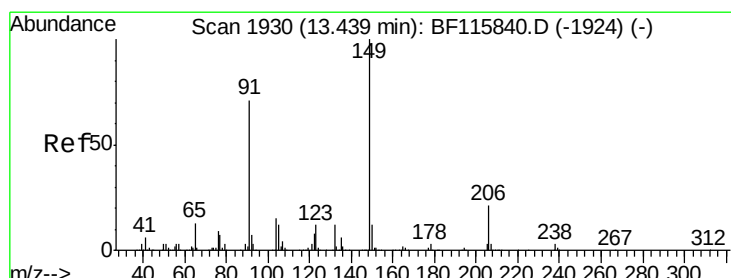
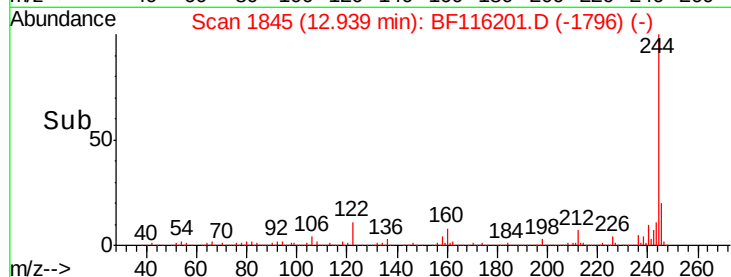
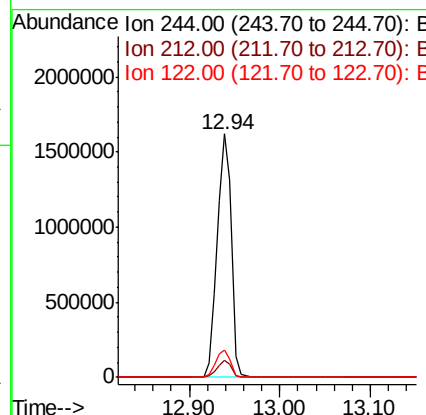
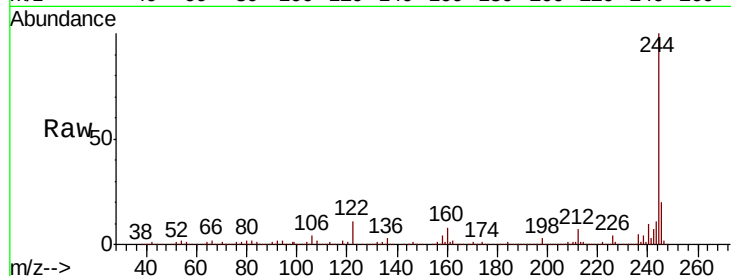
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion:244 Resp: 1754730

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.4	9.0	13.4

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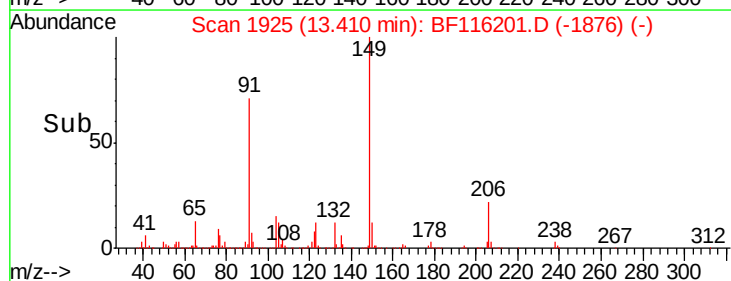
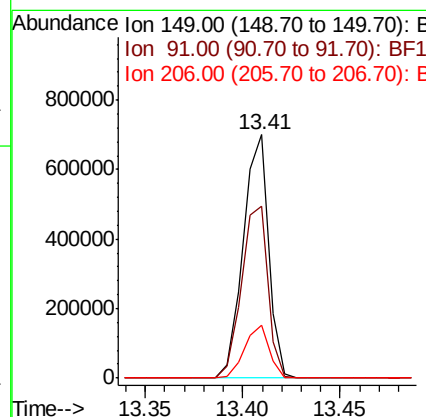
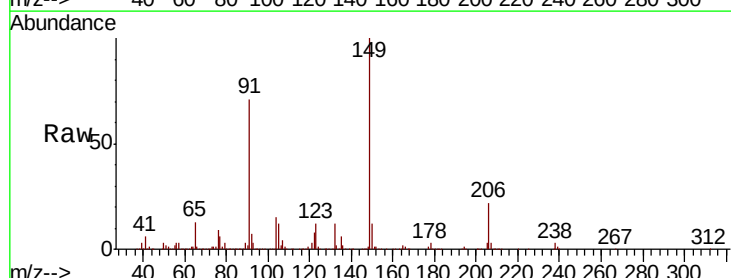
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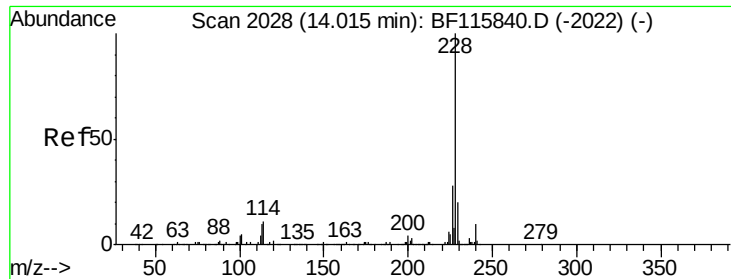


#80
 Butylbenzylphthalate
 Concen: 51.539 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion:149 Resp: 634422

Ion	Ratio	Lower	Upper
149	100		
91	70.7	56.3	84.5
206	21.8	18.0	27.0





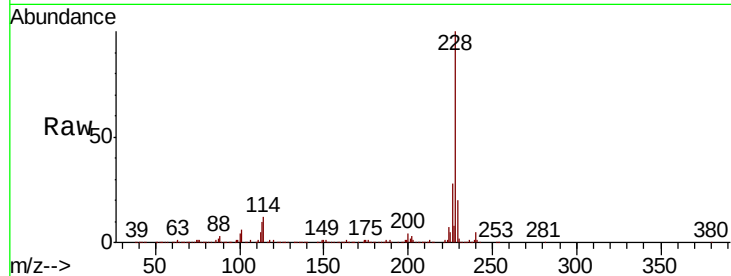
#81
Benzo(a)anthracene
Concen: 46.769 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

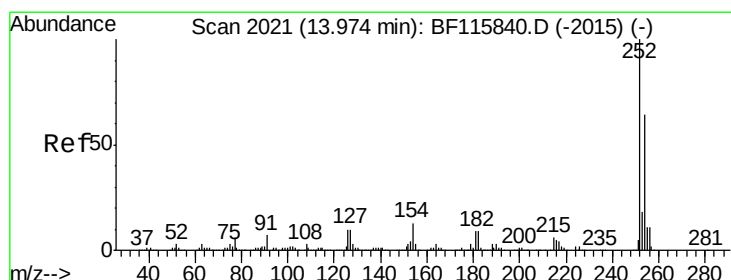
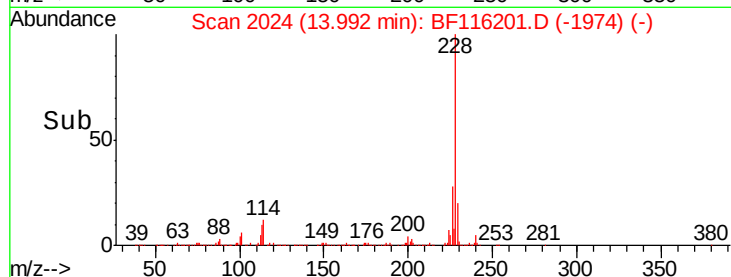
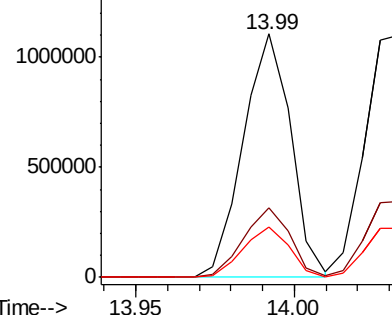
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.5	16.2	24.4

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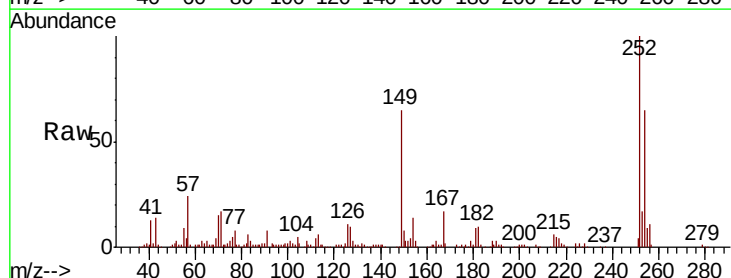


Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

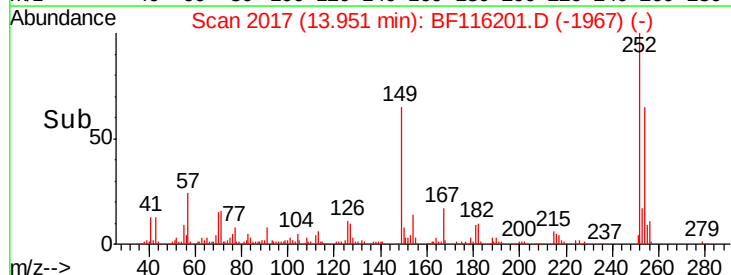
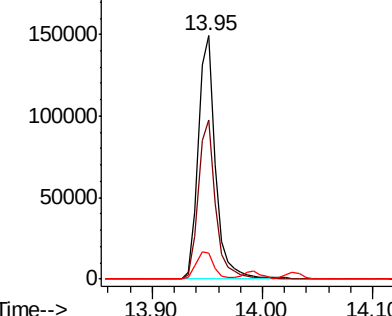


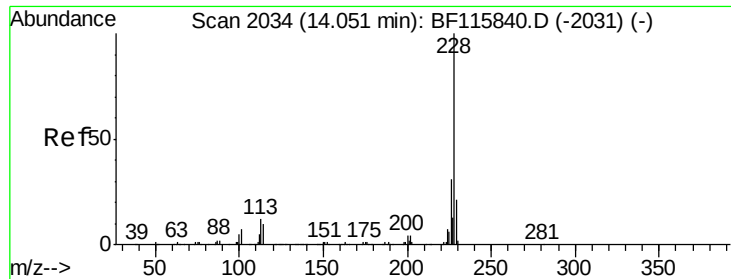
#82
3,3'-Dichlorobenzidine
Concen: 18.635 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.9	76.3
126	10.6	9.8	14.8



Abundance Ion 252.00 (251.70 to 252.70): E
200000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





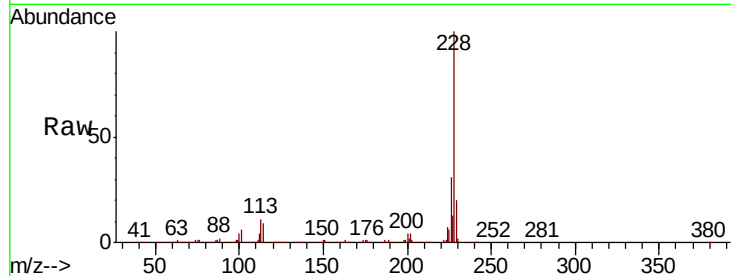
#83
 Chrysene
 Concen: 46.936 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.4	25.5	38.3	
229	20.3	16.6	24.8	

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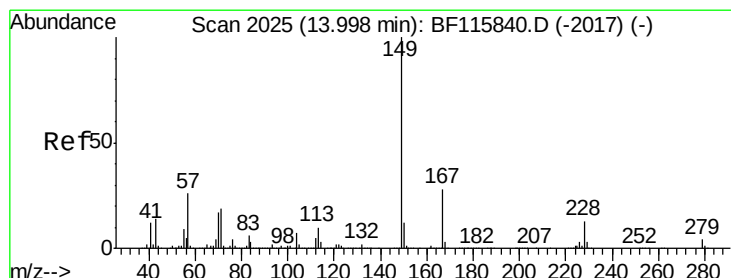
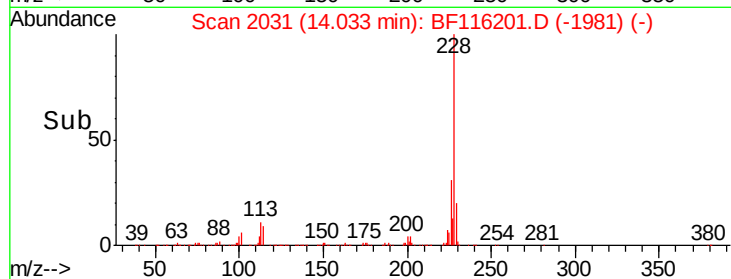
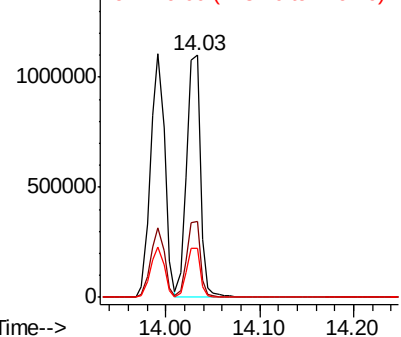


Abundance

Ion 228.00 (227.70 to 228.70): E

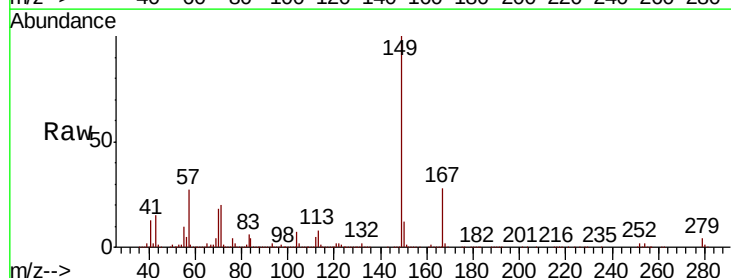
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.652 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116201.D
 Acq: 12 Aug 2019 20:58

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.7	21.6	32.4	
279	3.8	3.0	4.4	

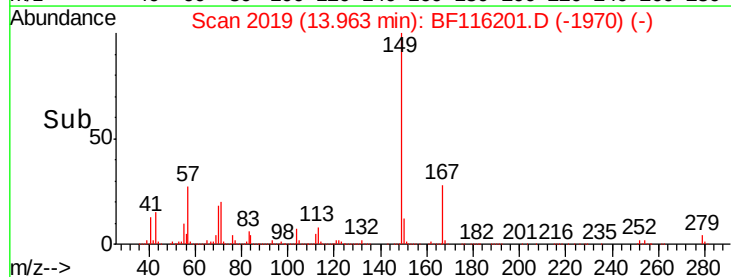
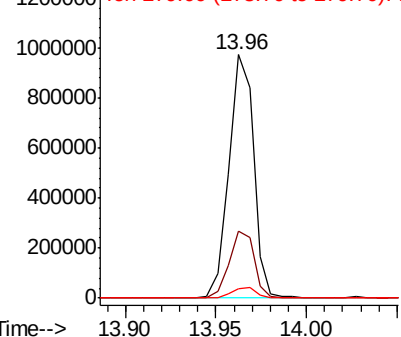


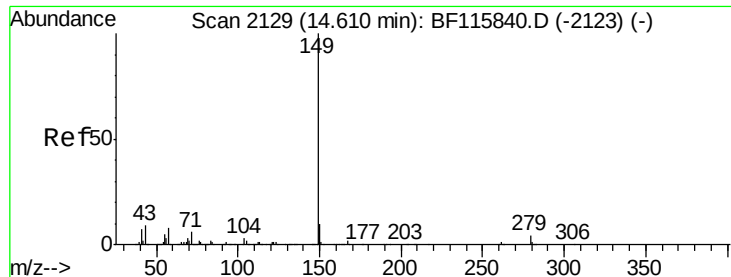
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.165 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF116201.D

Acq: 12 Aug 2019 20:58

Instrument :

BNA_F

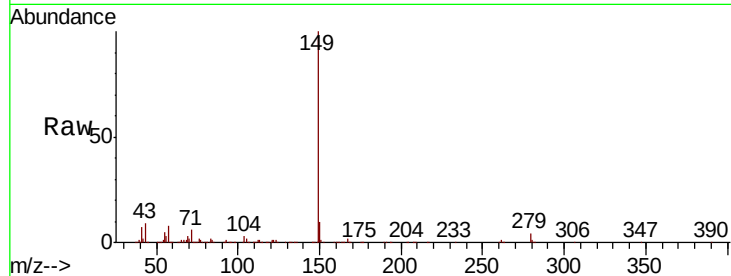
ClientSampleId :

HR-05-080919-AMSD

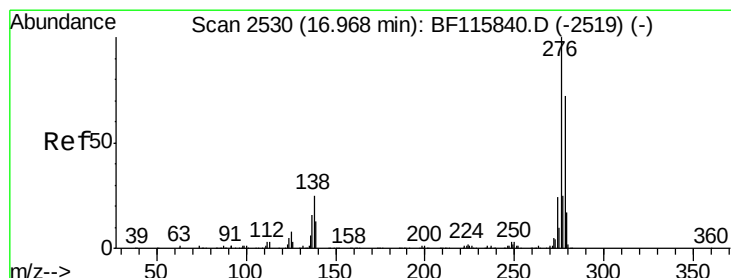
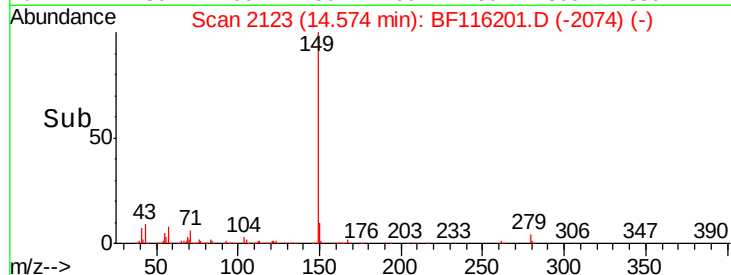
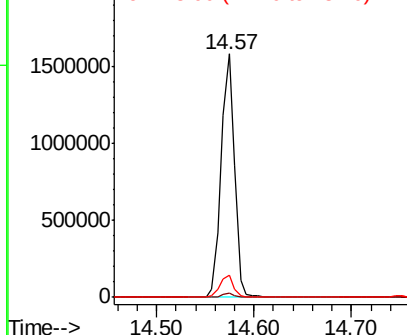
Tot Ion:	149	Resp:	1503259
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

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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: 50.657 ng

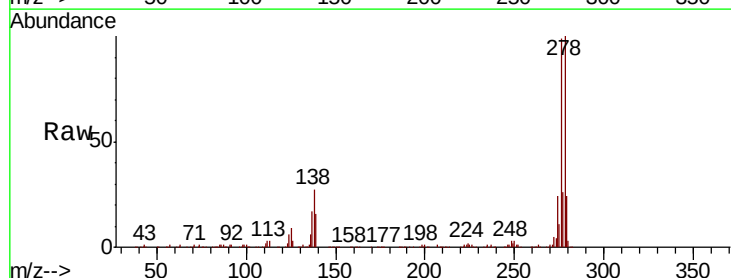
RT: 16.95 min Scan# 2527

Delta R.T. 0.00 min

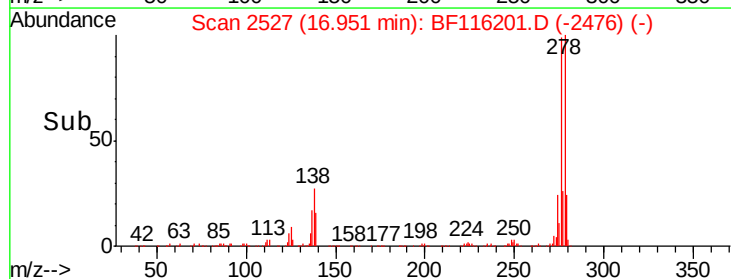
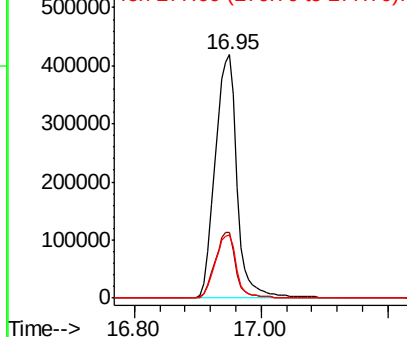
Lab File: BF116201.D

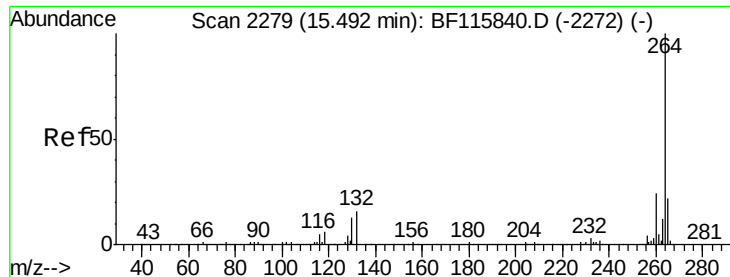
Acq: 12 Aug 2019 20:58

Tgt Ion:	276	Resp:	1019210
Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.4	30.6
277	25.6	20.0	30.0



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





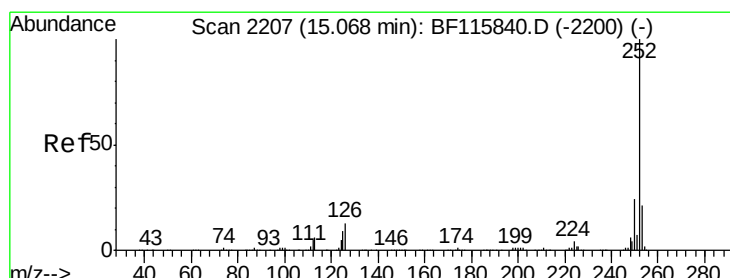
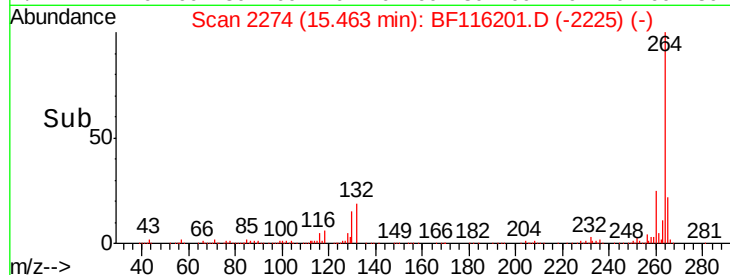
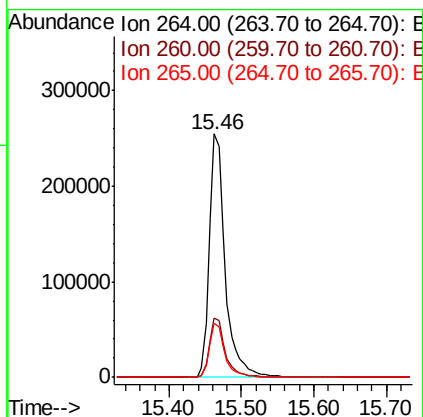
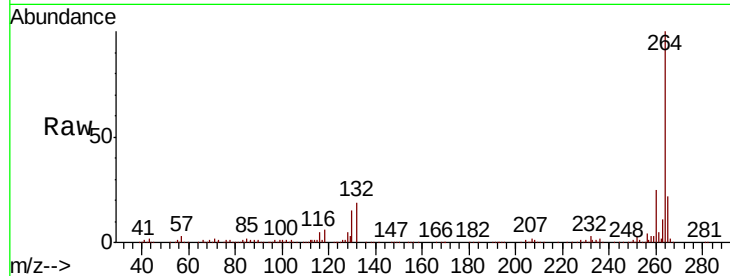
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion:	264	Resp:	388242
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.7	29.5
265	22.1	17.4	26.0

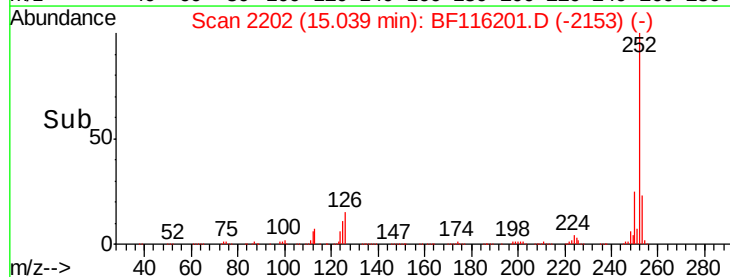
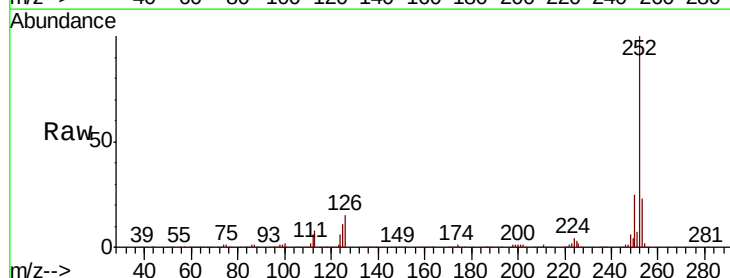
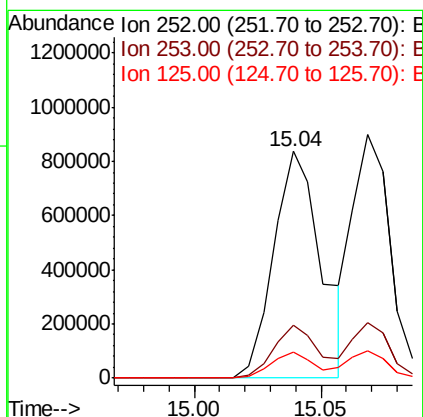
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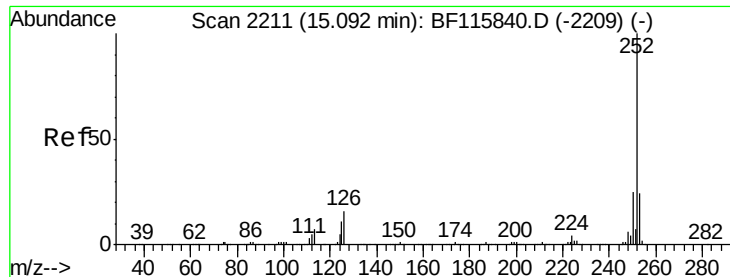
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#88
Benzo(b)fluoranthene
Concen: 49.110 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:	252	Resp:	1102452
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.8
125	11.5	8.4	12.6





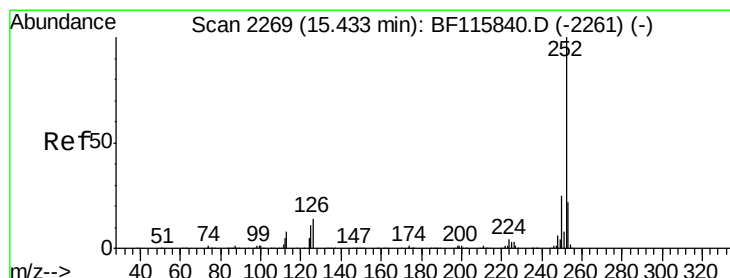
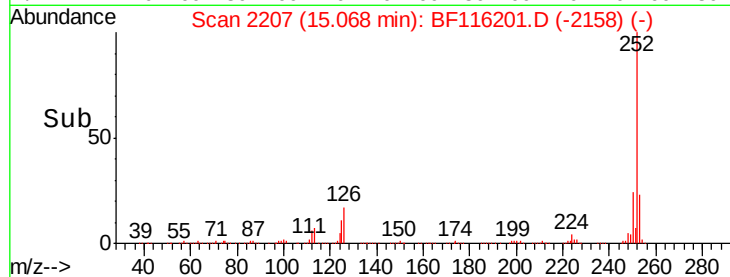
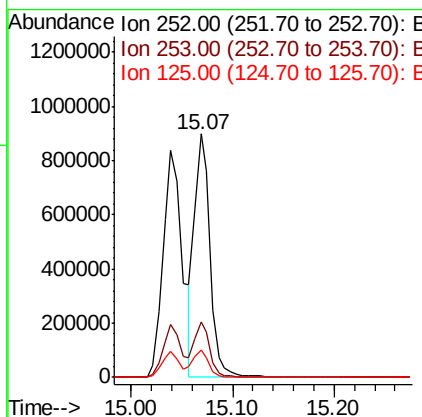
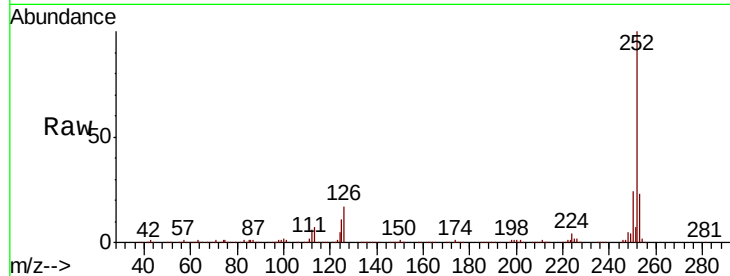
#89
Benzo(k)fluoranthene
Concen: 43.500 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.2	7.7	11.5

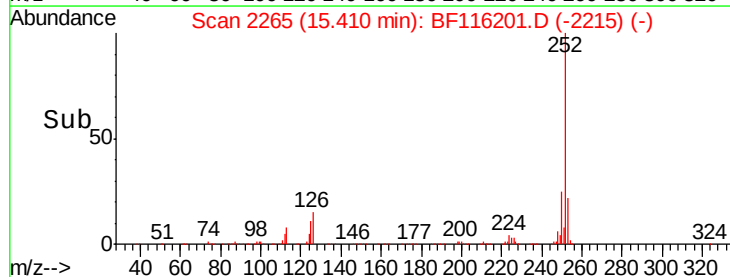
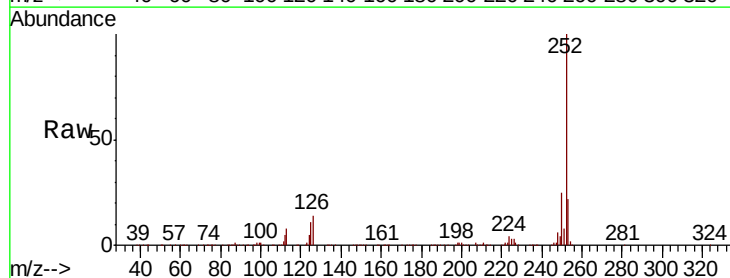
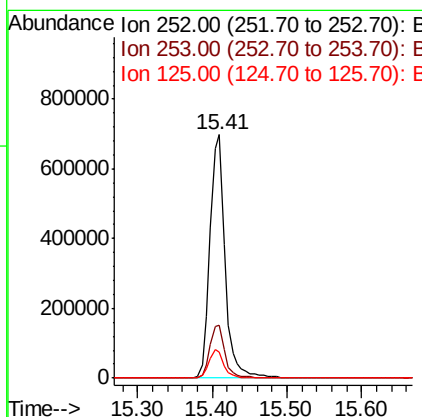
Manual Integrations
APPROVED

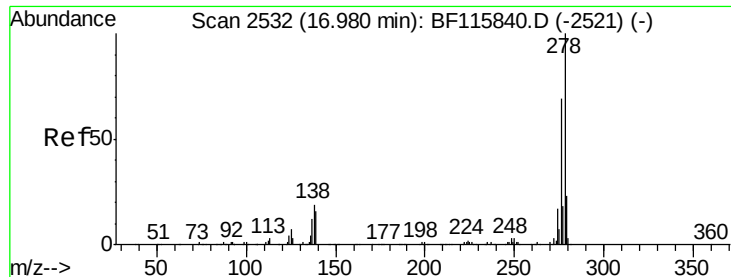
mohammad
8/14/2019 2:53:35 AM



#90
Benzo(a)pyrene
Concen: 48.653 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.9	8.9	13.3





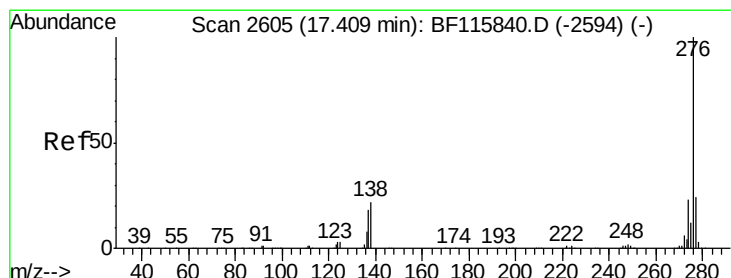
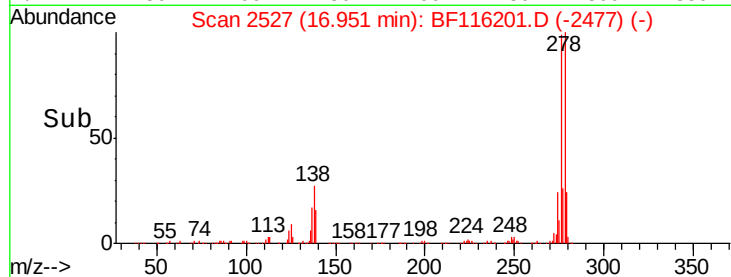
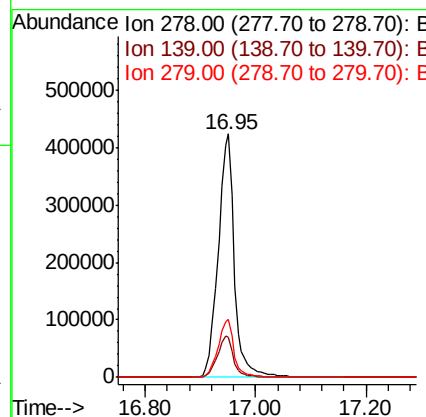
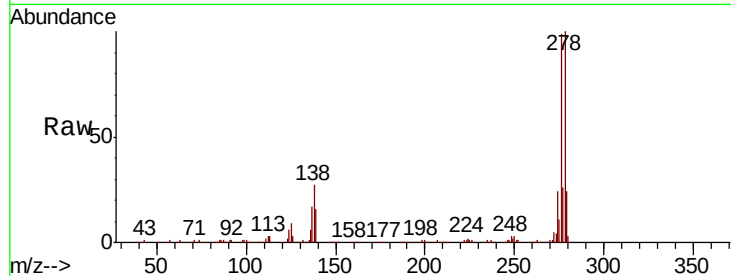
#91
Dibenzo(a,h)anthracene
Concen: 49.925 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	23.6	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/14/2019 2:53:35 AM



#92
Benzo(g,h,i)perylene
Concen: 50.052 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	22.2	17.0	25.6

