

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112250.D
 Acq On : 25 Jan 2019 23:40
 Operator : JU/SJ
 Sample : K1003-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Manual Integrations
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mohammad
 1/29/2019 12:31:50 AM

Quant Time: Jan 28 03:36:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 02:58:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	178992	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	707630	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	346199	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	630039	20.00	ng	0.00
76) Chrysene-d12	14.00	240	378393	20.00	ng	0.00
87) Perylene-d12	15.47	264	350634	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1112390	132.01	ng	0.02
7) Phenol-d6	6.49	99	1293908	110.50	ng	0.00
23) Nitrobenzene-d5	7.41	82	994245	80.96	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	458325	113.74	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1961619	80.14	ng	0.00
79) Terphenyl-d14	12.94	244	1772800	88.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	166405	49.571	ng	# 82
3) Pyridine	3.50	79	388703	45.520	ng	97
4) n-Nitrosodimethylamine	3.42	42	208131	58.014	ng	98
6) Aniline	6.51	93	114645	8.230	ng	# 1
8) 2-Chlorophenol	6.64	128	478010	42.166	ng	99
9) Benzaldehyde	6.39	77	89450	14.615	ng	96
10) Phenol	6.50	94	450992	35.106	ng	83
11) bis(2-Chloroethyl)ether	6.58	93	429930	42.508	ng	97
12) 1,3-Dichlorobenzene	6.79	146	508172	38.491	ng	100
13) 1,4-Dichlorobenzene	6.86	146	517155	38.062	ng	99
14) 1,2-Dichlorobenzene	7.02	146	491974	38.673	ng	97
15) Benzyl Alcohol	6.99	79	400983	40.623	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	524821	40.414	ng	56
17) 2-Methylphenol	7.11	107	368007	40.951	ng	# 91
18) Hexachloroethane	7.35	117	180639	37.860	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	327102	40.512	ng	98
20) 3+4-Methylphenols	7.26	107	474728	41.311	ng	# 68
22) Acetophenone	7.25	105	659549	38.277	ng	96
24) Nitrobenzene	7.43	77	496599	40.488	ng	95
25) Isophorone	7.66	82	879048	45.626	ng	99
26) 2-Nitrophenol	7.75	139	266246	40.619	ng	97
27) 2,4-Dimethylphenol	7.79	122	410328	45.436	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	555875	42.373	ng	99
29) 2,4-Dichlorophenol	7.99	162	416892	41.251	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	455370	39.200	ng	100
31) Naphthalene	8.15	128	1405856	42.483	ng	99
32) Benzoic acid	7.93	122	195993	38.047	ng	96
33) 4-Chloroaniline	8.20	127	87473	6.071	ng	99
34) Hexachlorobutadiene	8.26	225	249099	36.542	ng	99
35) Caprolactam	8.56	113	94247m	26.435	ng	
36) 4-Chloro-3-methylphenol	8.69	107	416819	38.960	ng	98
37) 2-Methylnaphthalene	8.84	142	996954	44.008	ng	97
38) 1-Methylnaphthalene	8.94	142	929845	42.823	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	451536	39.724	ng	99

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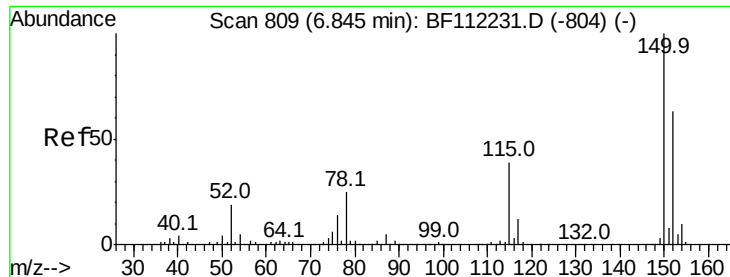
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	236975	57.978	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	284563	40.613	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	296880	40.541	nq	99
46) 1,1'-Biphenyl	9.30	154	1195086	39.486	nq	98
47) 2-Chloronaphthalene	9.33	162	918591	39.138	nq	96
48) 2-Nitroaniline	9.43	65	245711	38.410	nq	98
49) Acenaphthylene	9.75	152	1452250	42.216	nq	99
50) Dimethylphthalate	9.60	163	1087475	40.430	nq	99
51) 2,6-Dinitrotoluene	9.66	165	239176	39.703	nq #	83
52) Acenaphthene	9.92	154	829899	40.385	nq	99
53) 3-Nitroaniline	9.83	138	71344	10.932	nq #	98
54) 2,4-Dinitrophenol	9.95	184	101342	52.419	nq	96
55) Dibenzofuran	10.09	168	1268356	40.389	nq	96
56) 4-Nitrophenol	10.02	139	228830	66.319	nq	92
57) 2,4-Dinitrotoluene	10.07	165	308572	40.236	nq #	90
58) Fluorene	10.43	166	986508	41.979	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	236461	42.729	nq	96
60) Diethylphthalate	10.30	149	1055194	39.531	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	482166	37.718	nq	90
62) 4-Nitroaniline	10.45	138	205792	32.148	nq	97
63) Azobenzene	10.58	77	921151	39.238	nq	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	99532	28.177	nq	97
66) n-Nitrosodiphenylamine	10.54	169	866612	40.812	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	293908	39.663	nq	93
68) Hexachlorobenzene	10.99	284	321707	40.465	nq #	92
69) Atrazine	11.06	200	292268	42.657	nq	96
70) Pentachlorophenol	11.18	266	215079	69.527	nq	99
71) Phenanthrene	11.39	178	1349528	41.201	nq	99
72) Anthracene	11.44	178	1403905	43.028	nq	99
73) Carbazole	11.60	167	1197063	37.193	nq	99
74) Di-n-butylphthalate	11.92	149	1583338	39.634	nq	99
75) Fluoranthene	12.58	202	1290014	36.720	nq	97
77) Benzdine	12.69	184	155224	14.904	nq	97
78) Pyrene	12.81	202	1242002	47.409	nq	99
80) Butylbenzylphthalate	13.42	149	584714	46.131	nq	97
81) Benzo(a)anthracene	13.99	228	936015	42.080	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	82225	9.877	nq	95
83) Chrysene	14.03	228	867916	40.876	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	797061	44.301	nq	99
85) Di-n-octyl phthalate	14.58	149	1183036	42.738	nq	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	869643	51.689	nq	97
88) Benzo(b)fluoranthene	15.04	252	885195	42.213	nq	99
89) Benzo(k)fluoranthene	15.07	252	778399	38.754	nq	99
90) Benzo(a)pyrene	15.41	252	820948	43.510	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	732113	48.144	nq	99
92) Benzo(g,h,i)perylene	17.39	276	707926	49.344	nq	95

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



#1

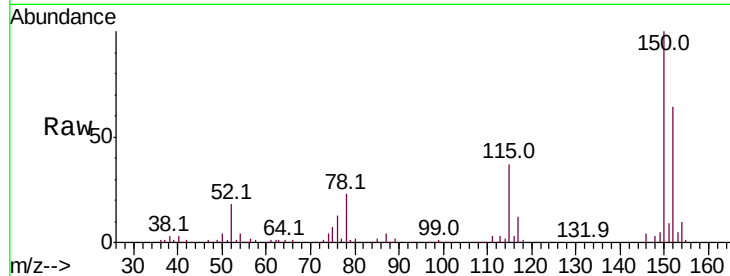
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	57.4	45.5	68.3

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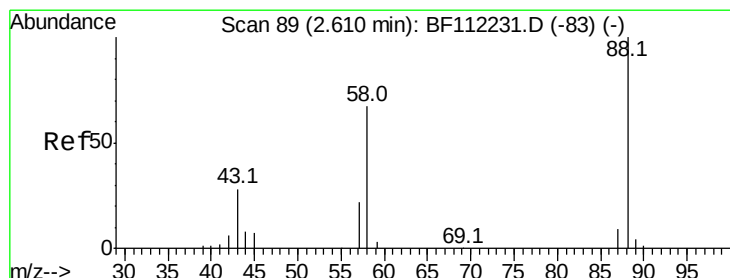
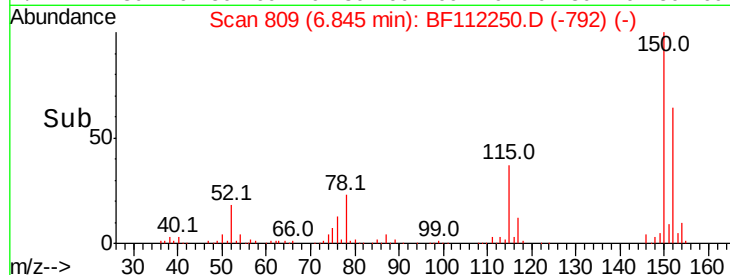
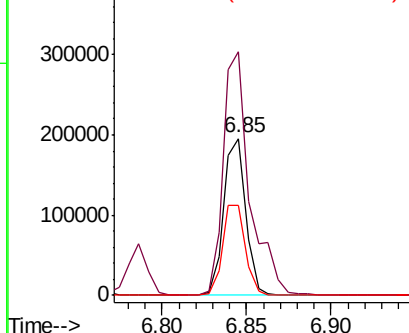


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

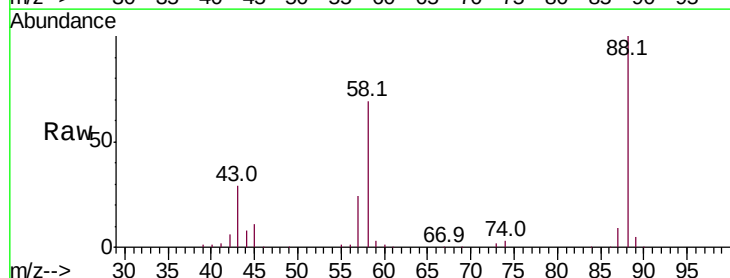
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 49.571 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.16 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	57.4	86.2
43	0.0	22.2	33.4

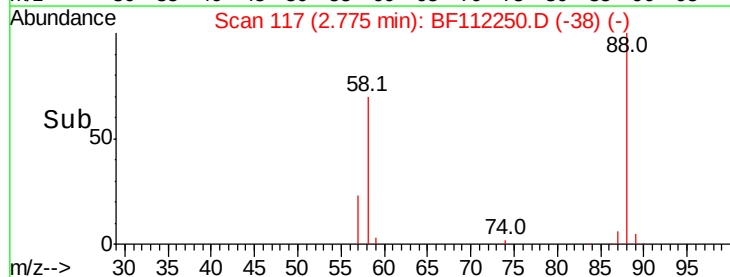
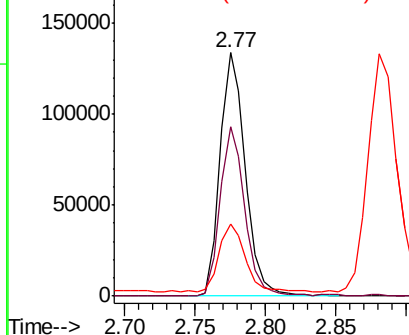


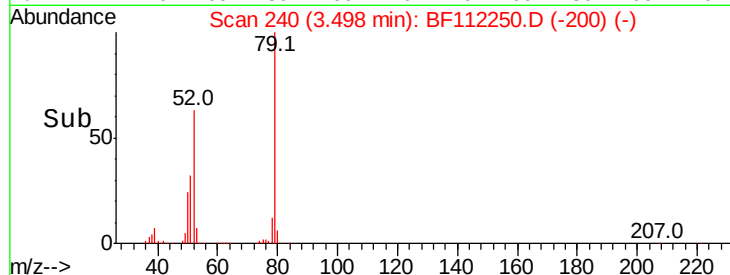
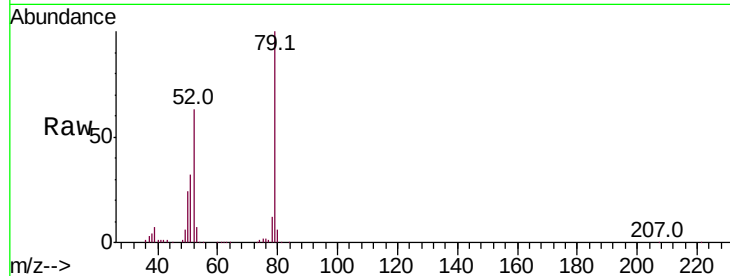
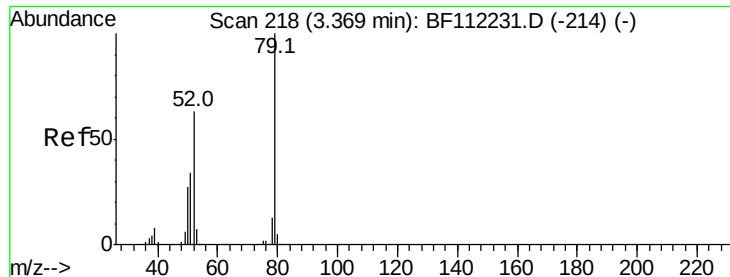
Abundance

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: 45.520 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.14 min

Lab File: BF112250.D

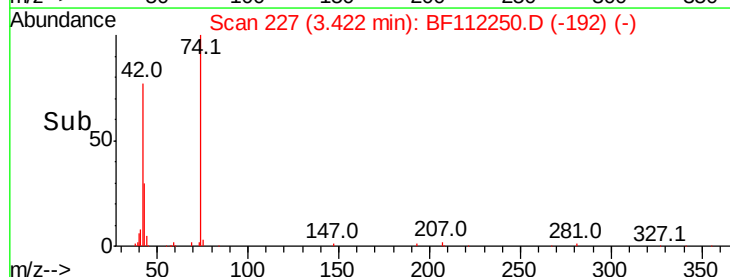
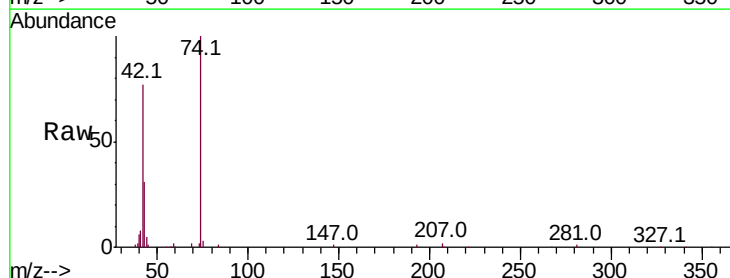
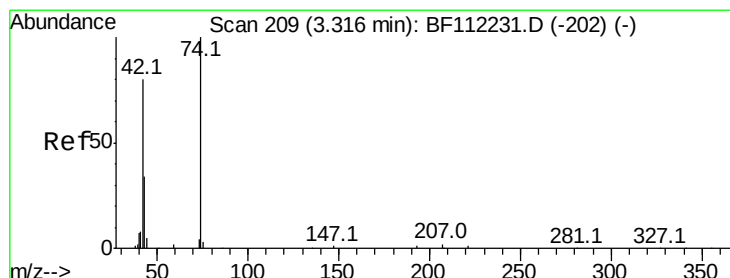
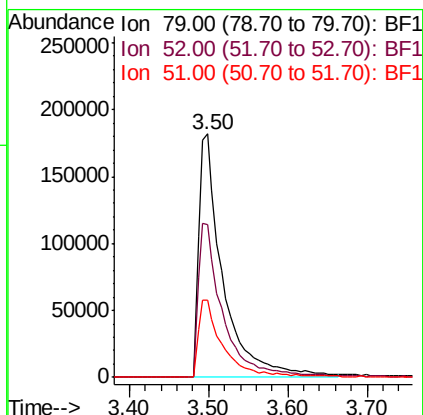
Acq: 25 Jan 2019 23:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.6	52.4	78.6
51	31.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 58.014 ng

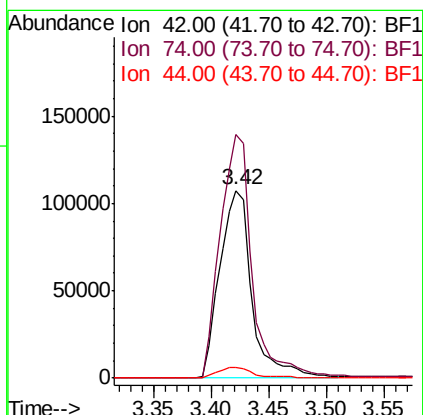
RT: 3.42 min Scan# 227

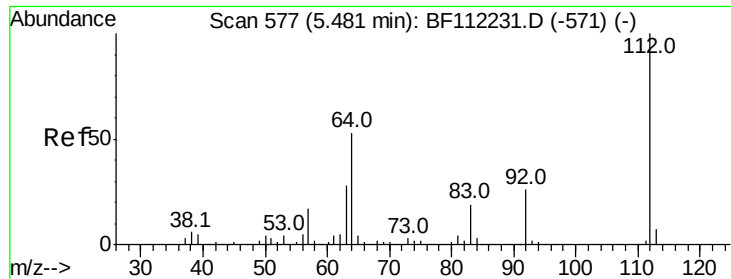
Delta R.T. 0.11 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.6	105.6	158.4
44	6.0	5.4	8.2





#5

2-Fluorophenol

Concen: 132.005 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion: 112 Resp: 1112390

Ion Ratio Lower Upper

112 100

64 57.0 45.7 68.5

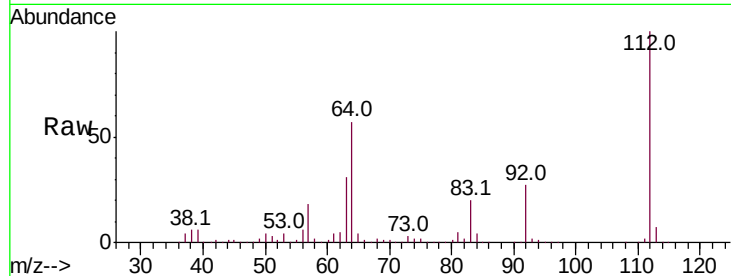
63 30.7 23.6 35.4

Manual Integrations

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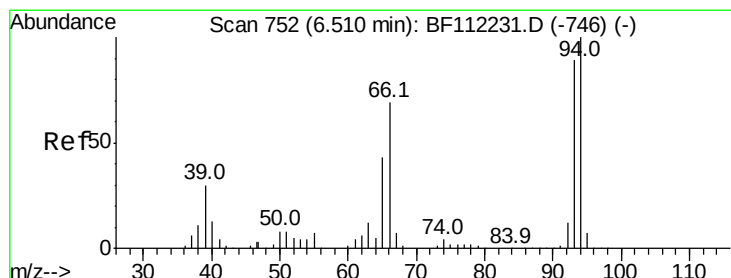
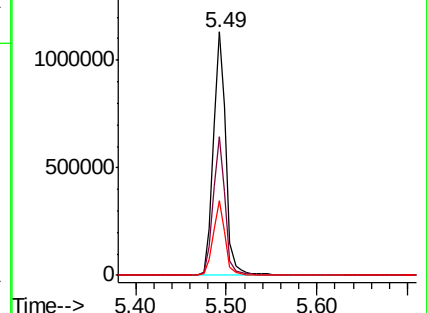
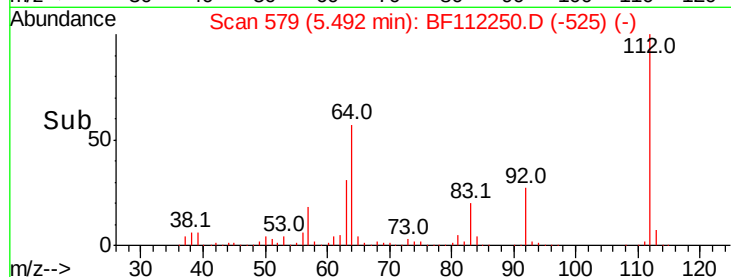
1/29/2019 12:31:50 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.230 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

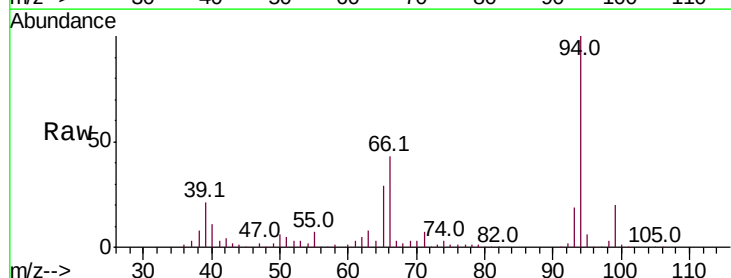
Tgt Ion: 93 Resp: 114645

Ion Ratio Lower Upper

93 100

66 228.2 43.4 65.2#

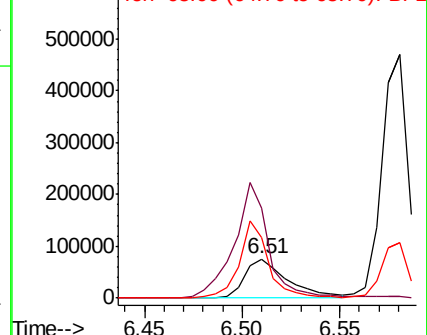
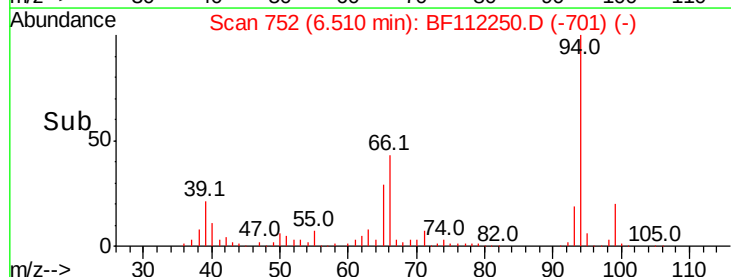
65 153.9 25.3 37.9#

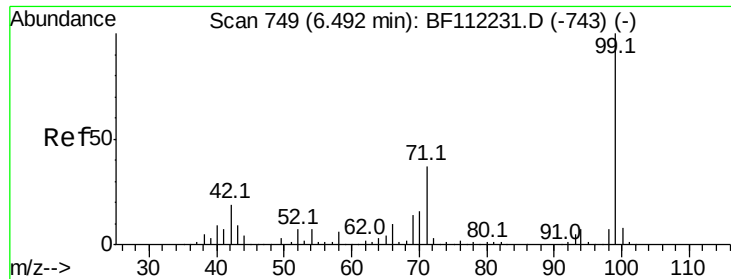


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.500 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion: 99 Resp: 1293908

Ion Ratio Lower Upper

99 100

42 18.3 15.1 22.7

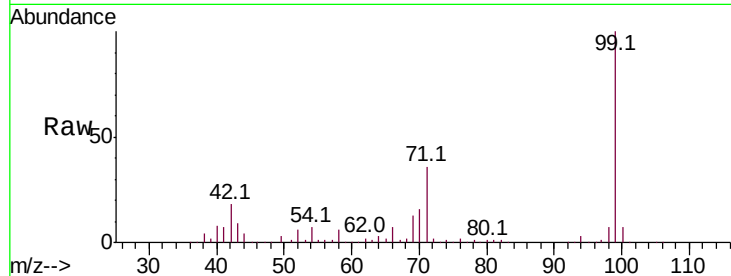
71 36.3 26.9 40.3

Manual Integrations

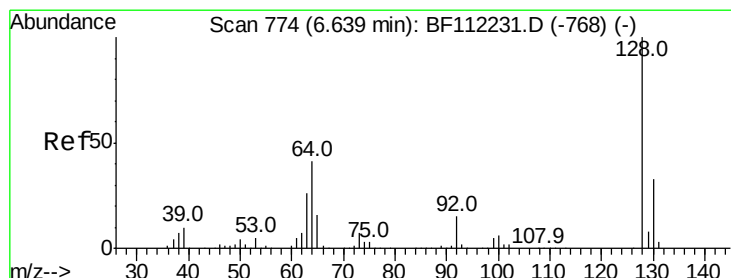
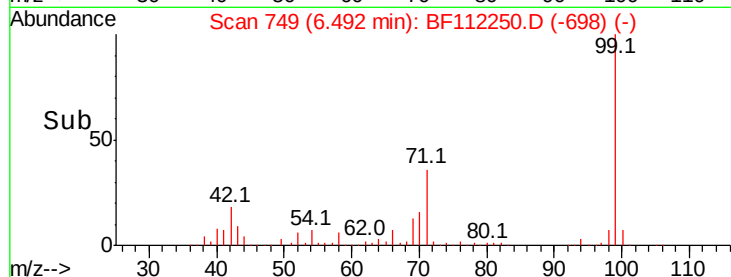
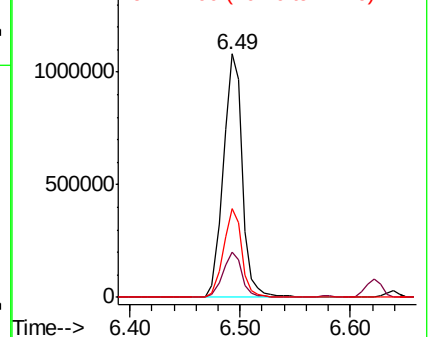
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.166 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

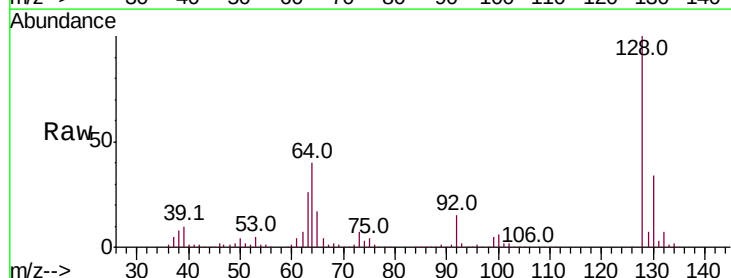
Tgt Ion:128 Resp: 478010

Ion Ratio Lower Upper

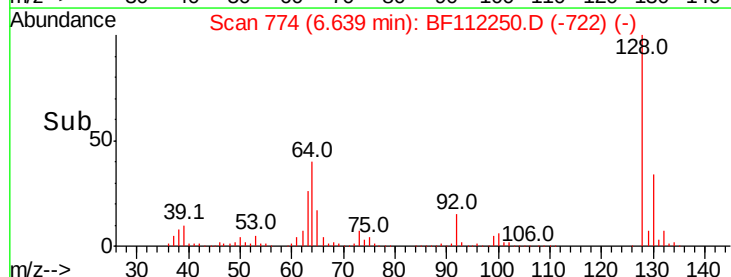
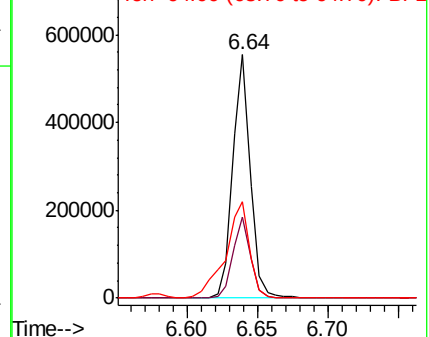
128 100

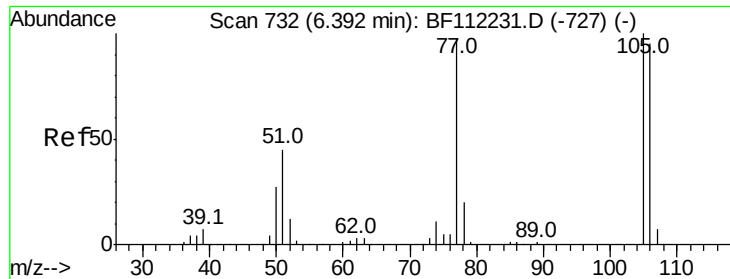
130 33.5 13.4 53.4

64 39.7 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.615 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

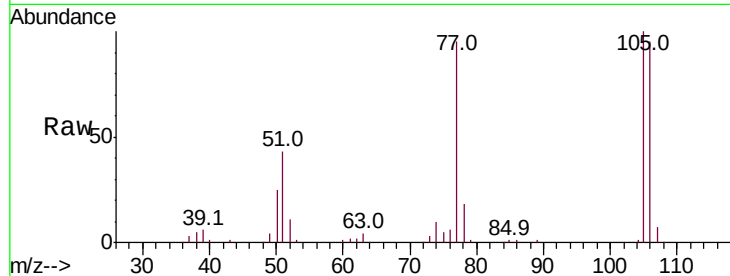
ClientSampleId :

BU-02-012319MSD

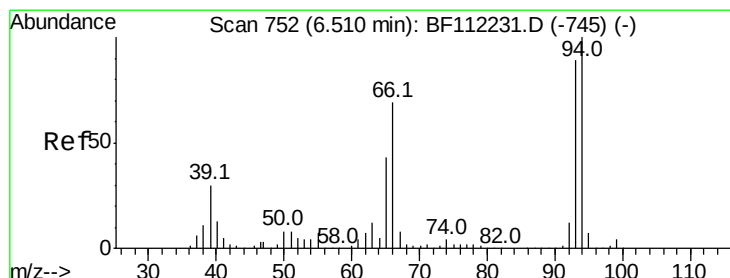
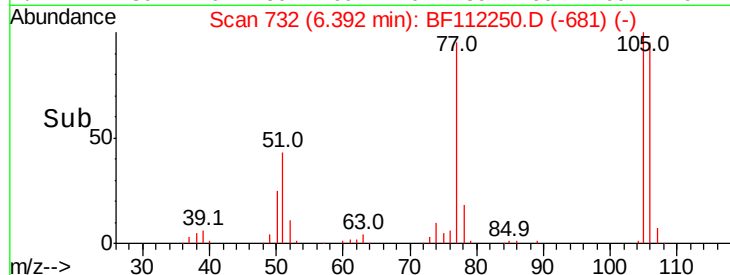
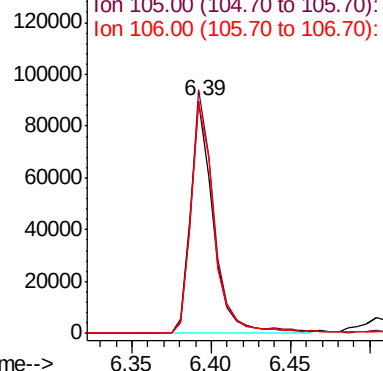
Tot Ion:	77	Resp:	89450
Ion	Ratio	Lower	Upper
77	100		
105	104.8	80.8	120.8
106	99.2	75.7	115.7

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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: 35.106 ng

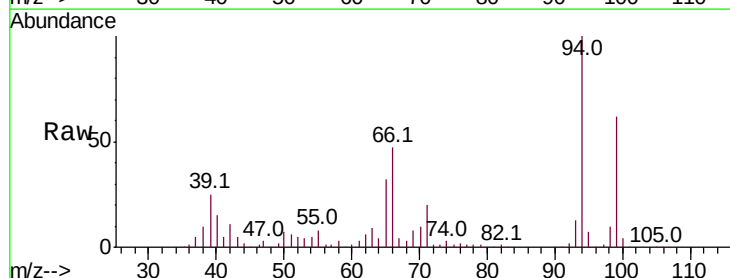
RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

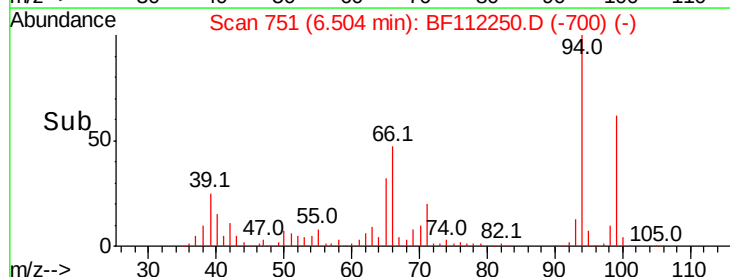
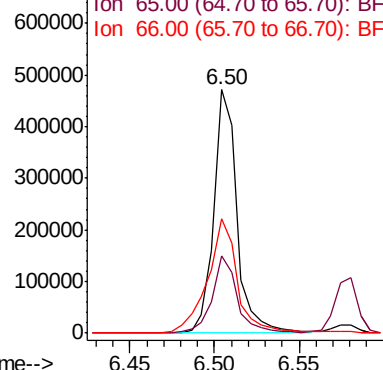
Lab File: BF112250.D

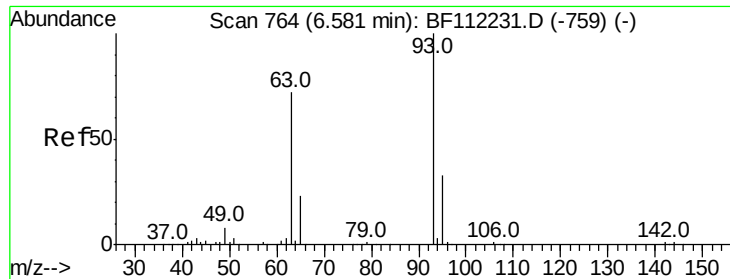
Acq: 25 Jan 2019 23:40

Tgt Ion:	94	Resp:	450992
Ion	Ratio	Lower	Upper
94	100		
65	31.7	20.3	60.3
66	47.1	42.4	82.4



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





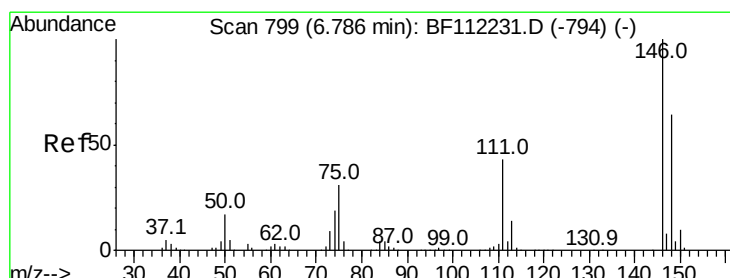
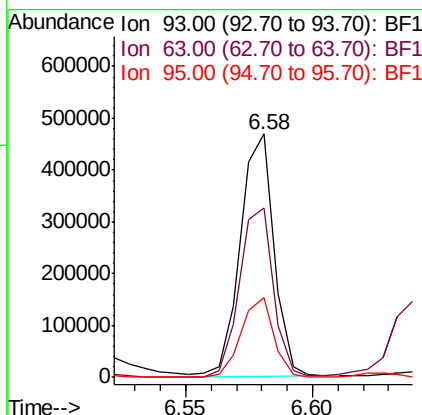
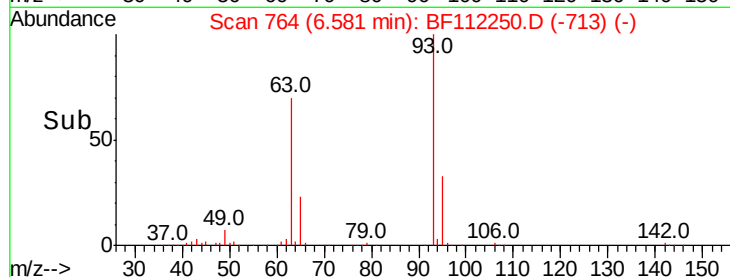
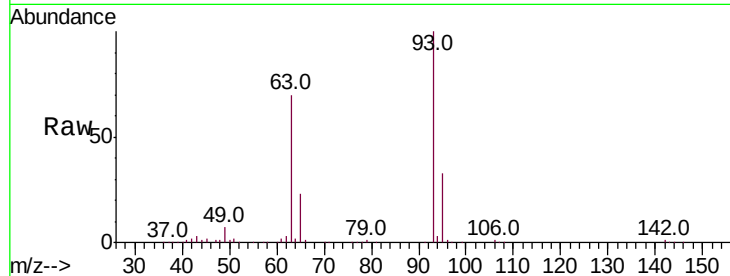
#11
bis(2-Chloroethyl)ether
Concen: 42.508 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		429930		
63	69.5	53.3	93.3		
95	32.7	13.4	53.4		

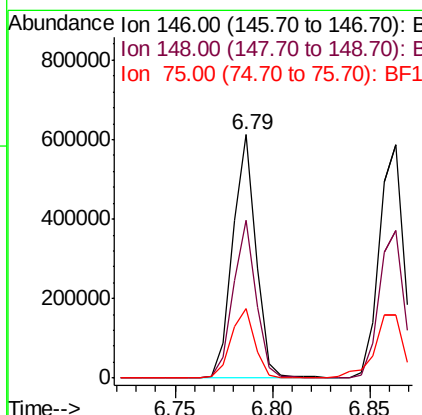
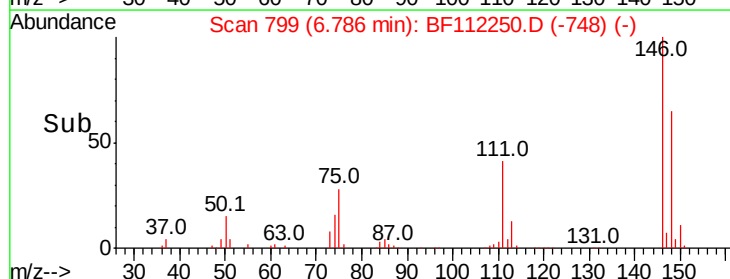
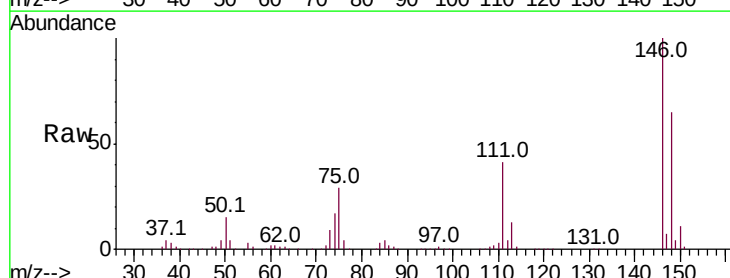
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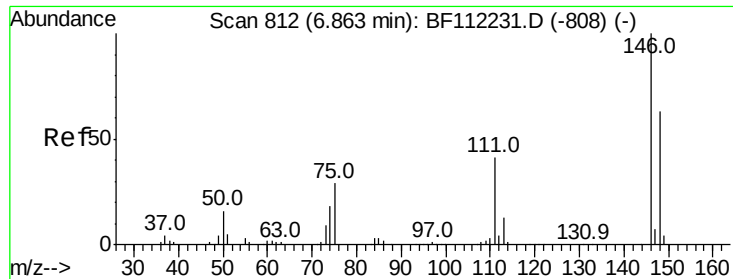
mohammad
1/29/2019 12:31:50 AM



#12
1,3-Dichlorobenzene
Concen: 38.491 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		508172		
148	64.9	51.8	77.8		
75	28.5	23.1	34.7		





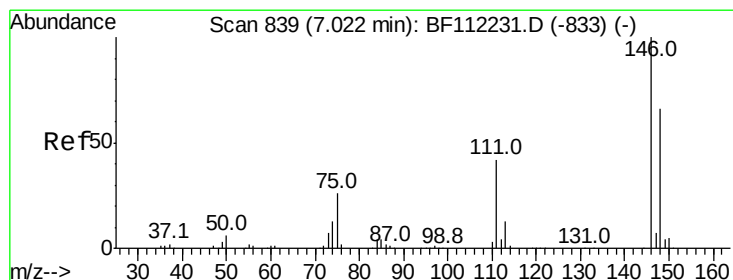
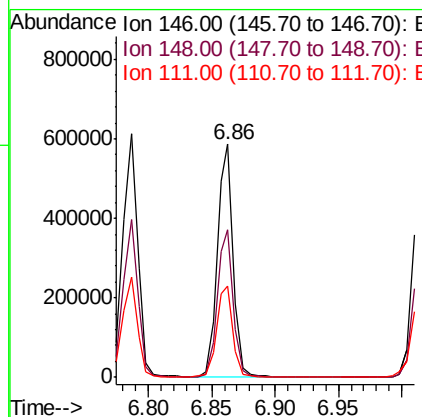
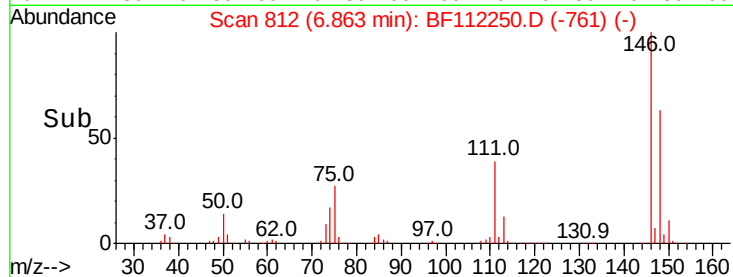
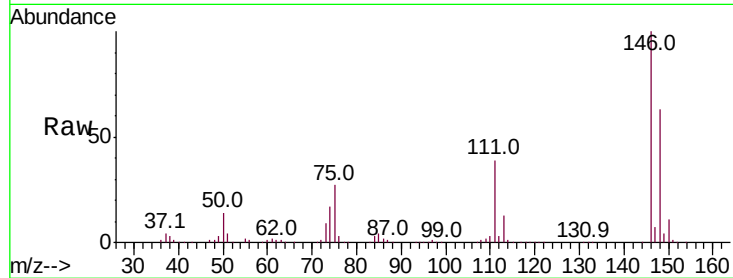
#13
 1,4-Dichlorobenzene
 Concen: 38.062 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.0	78.0
111	39.2	31.2	46.8

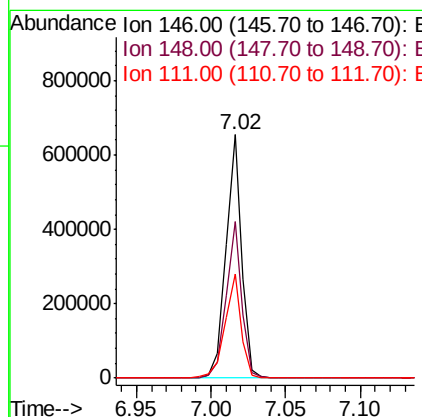
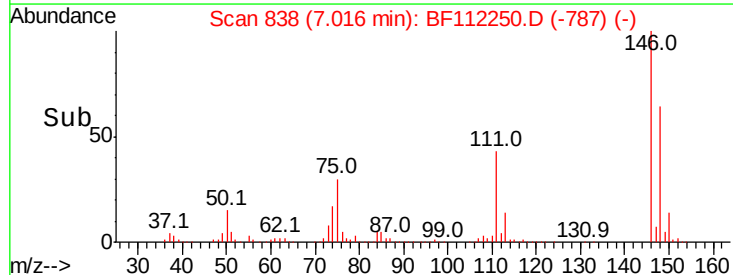
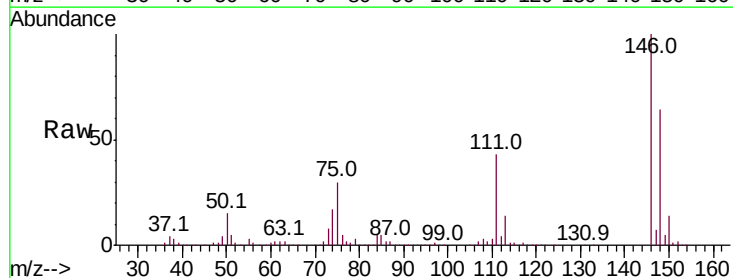
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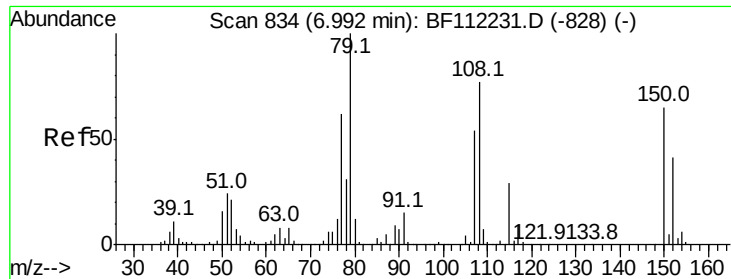
mohammad
 1/29/2019 12:31:50 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.673 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
111	42.9	31.2	46.8





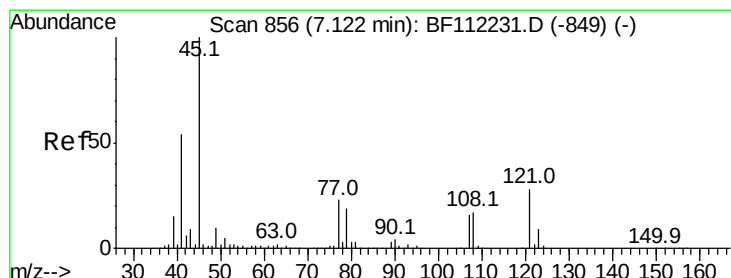
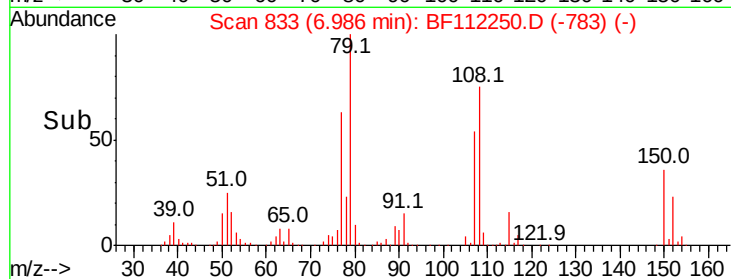
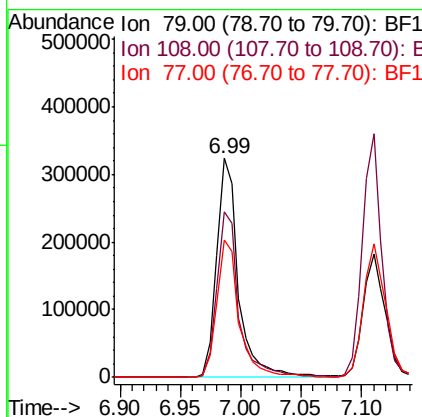
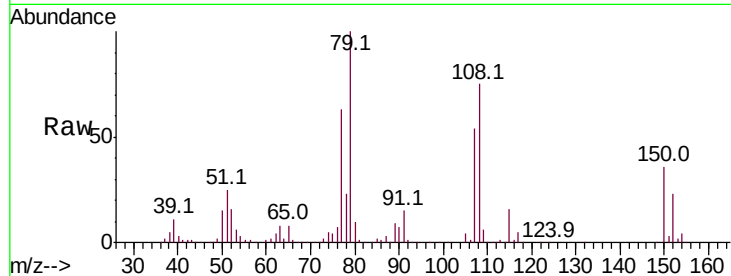
#15
Benzyl Alcohol
Concen: 40.623 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	64.2	96.2
77	62.8	50.3	75.5

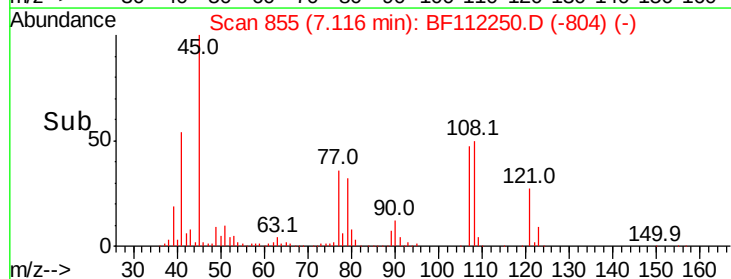
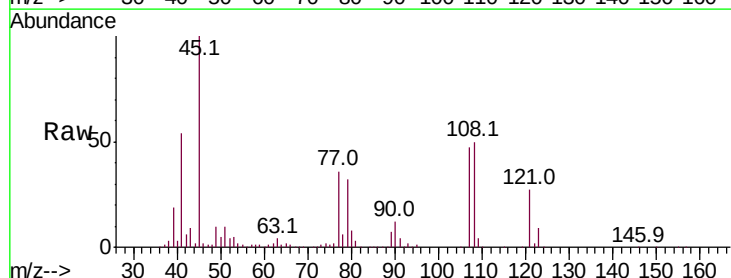
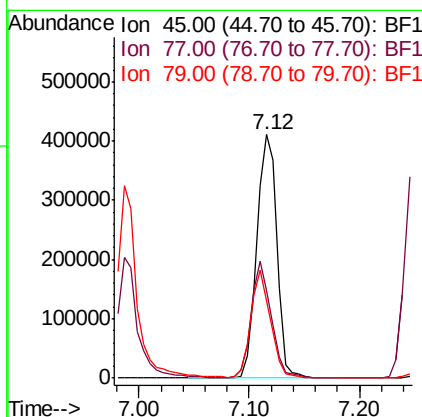
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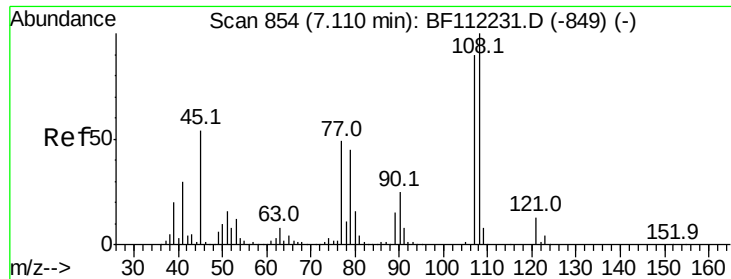
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.414 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.2	0.0	36.9
79	31.9	0.0	34.0





#17

2-Methylphenol

Concen: 40.951 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion:107 Resp: 368007
Ion Ratio Lower Upper

107 100

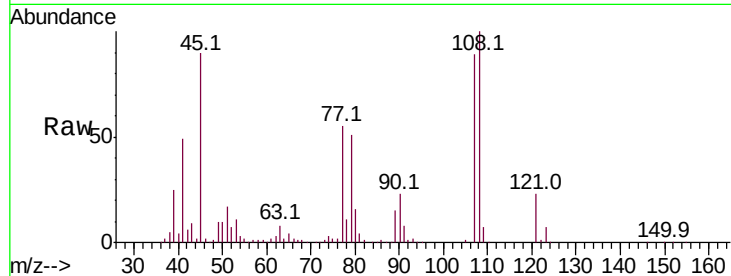
108 111.8 91.3 136.9

77 61.1 39.0 58.6#

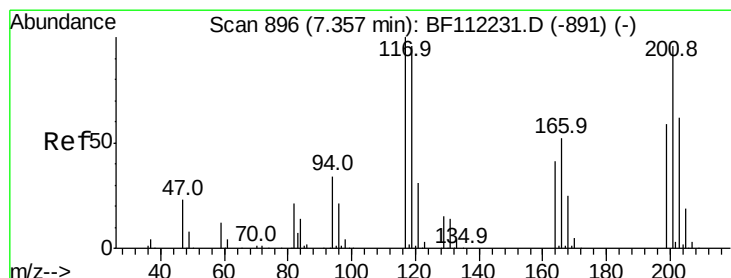
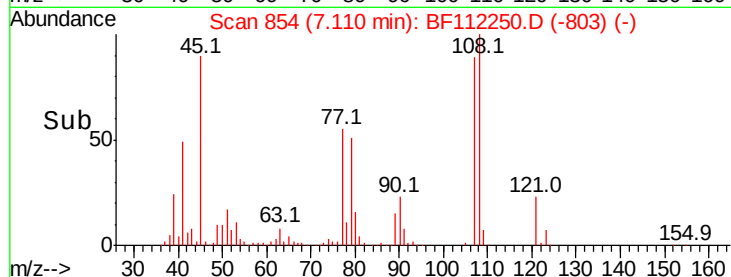
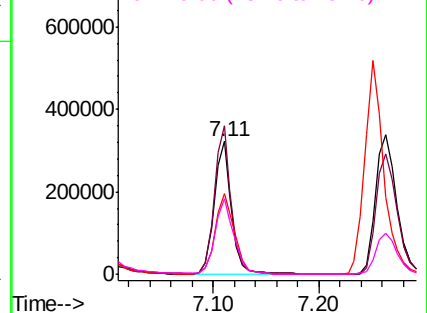
79 56.8 37.0 55.4#

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Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0



#18

Hexachloroethane

Concen: 37.860 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF112250.D

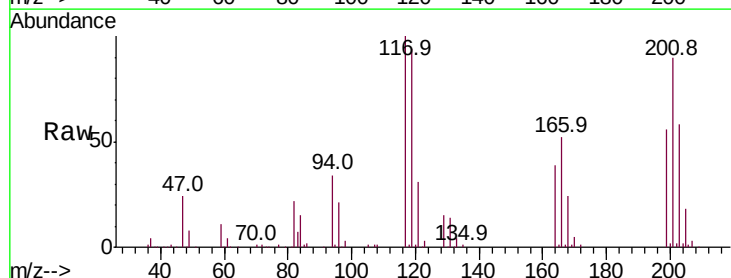
Acq: 25 Jan 2019 23:40

Tgt Ion:117 Resp: 180639
Ion Ratio Lower Upper

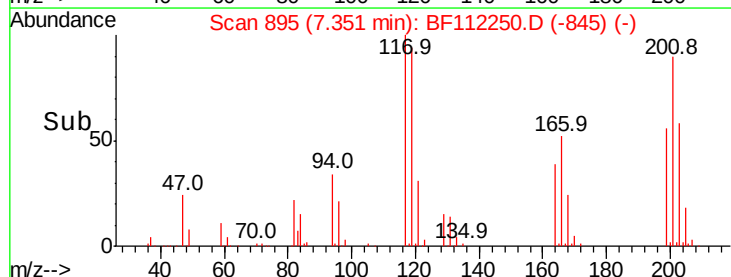
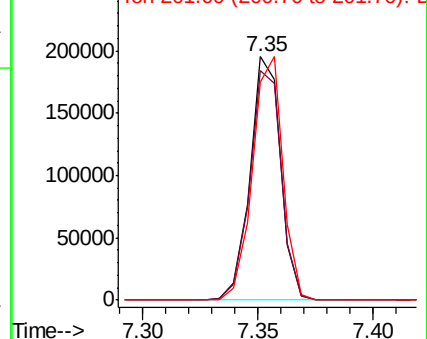
117 100

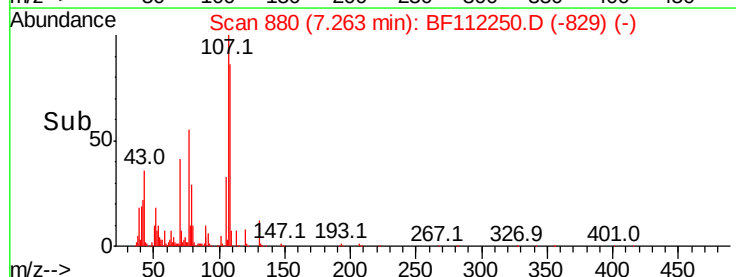
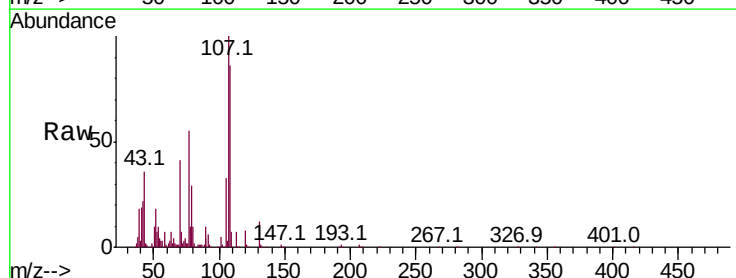
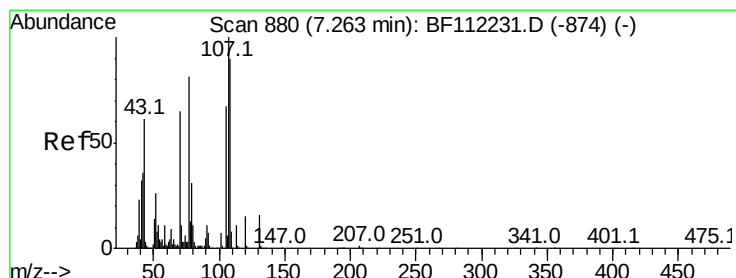
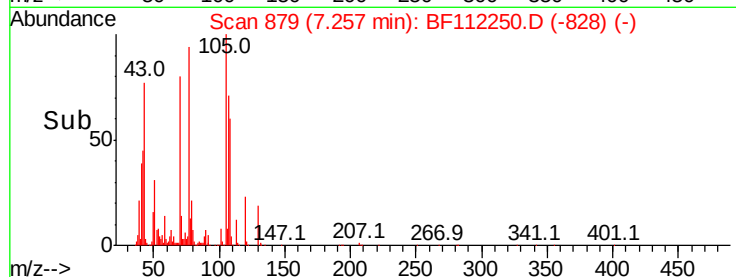
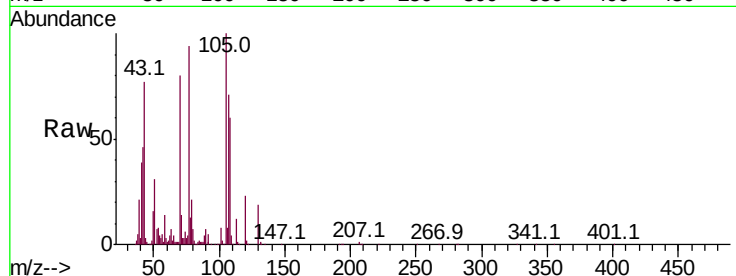
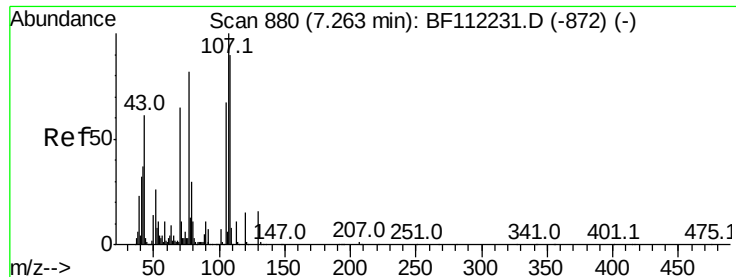
119 94.5 77.0 115.4

201 89.7 74.1 111.1



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





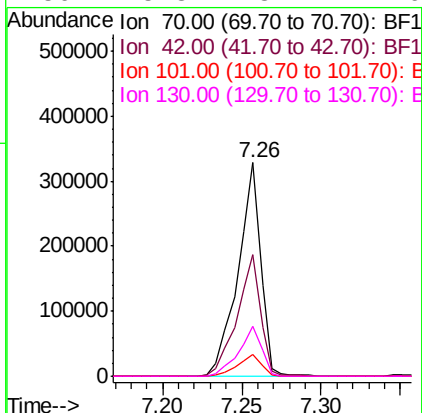
#19
n-Nitroso-di-n-propylamine
Concen: 40.512 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.6	71.4
101	10.1	7.9	11.9
130	23.3	18.4	27.6

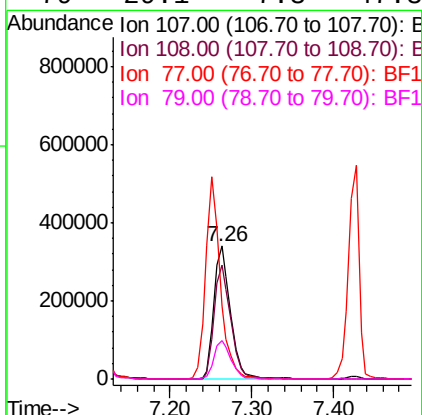
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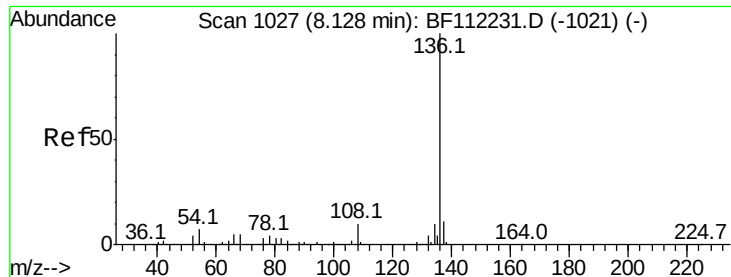
mohammad
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#20
3+4-Methylphenols
Concen: 41.311 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.2	108.2
77	54.7	100.7	140.7#
79	29.1	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

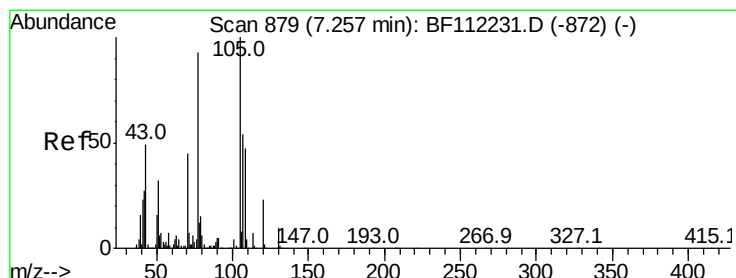
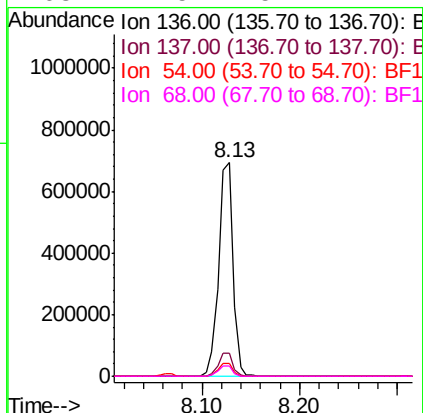
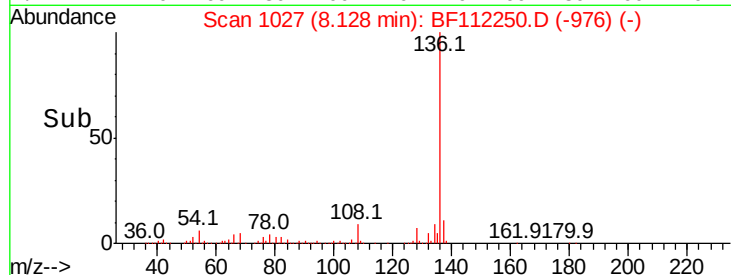
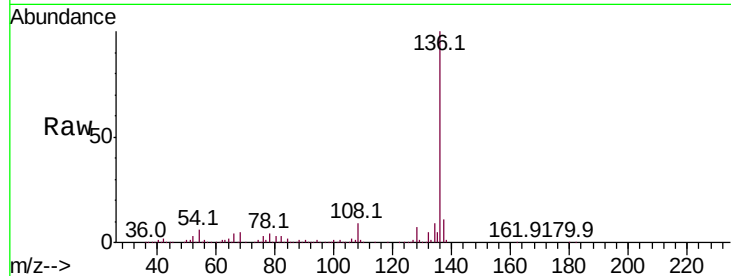
ClientSampleId :

BU-02-012319MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	707630		
137	10.9	9.1	13.7	
54	5.9	5.9	8.9#	
68	4.5	5.1	7.7#	

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#22

Acetophenone

Concen: 38.277 ng

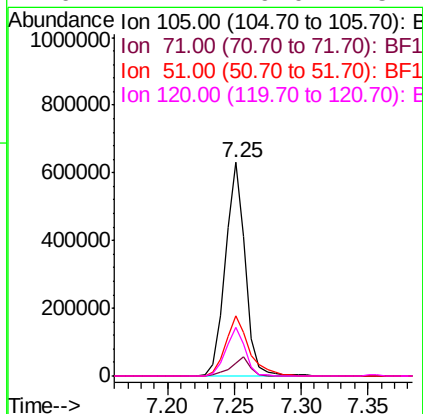
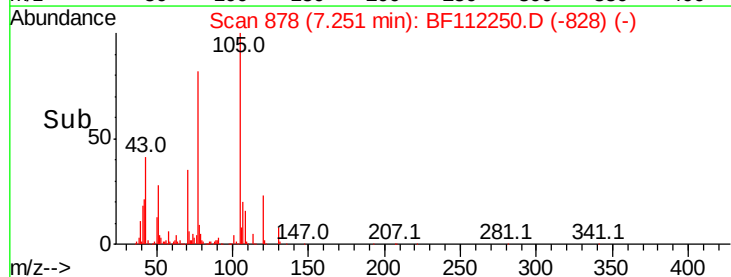
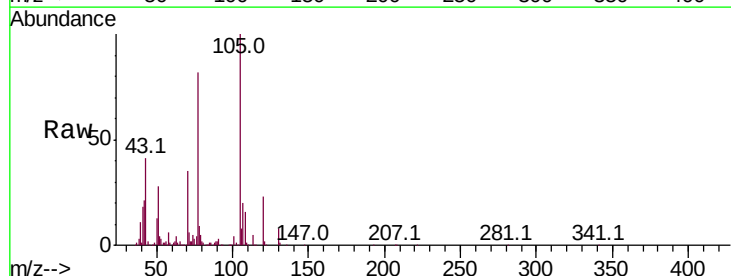
RT: 7.25 min Scan# 878

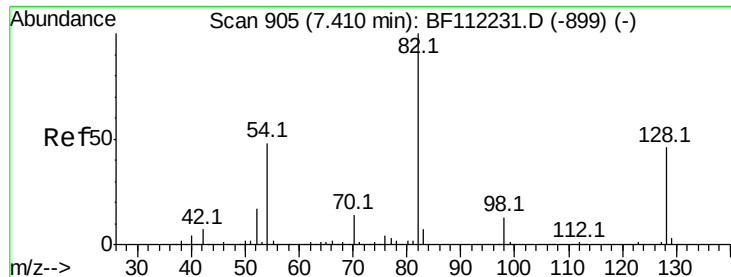
Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659549		
71	5.7	4.6	6.8	
51	28.3	25.0	37.6	
120	22.7	19.0	28.4	





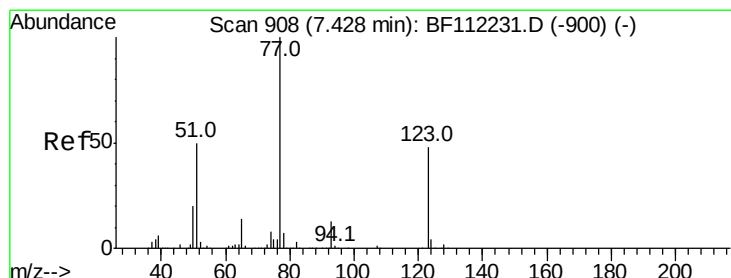
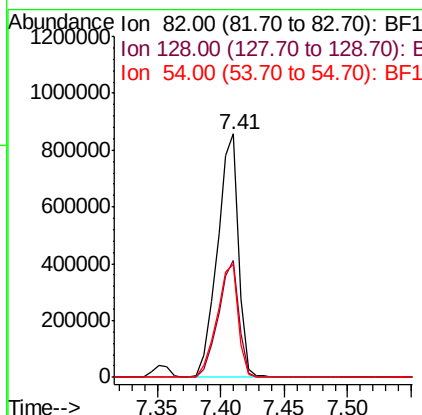
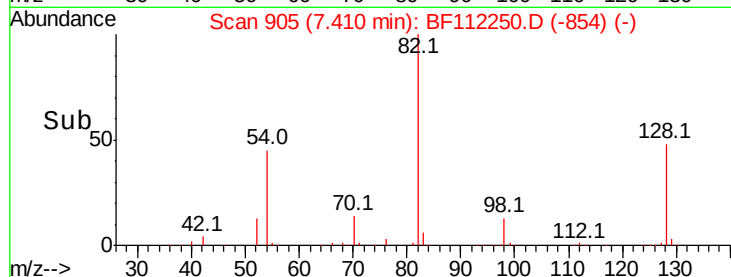
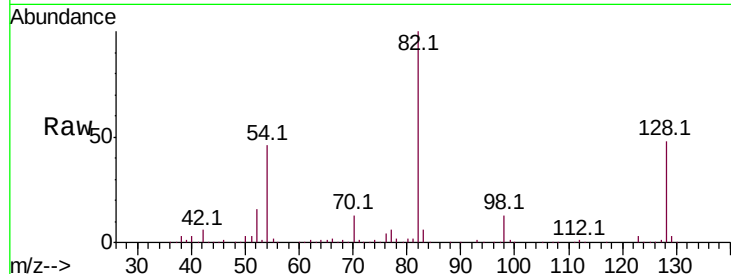
#23
 Nitrobenzene-d5
 Concen: 80.958 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.8	56.8
54	46.3	39.7	59.5

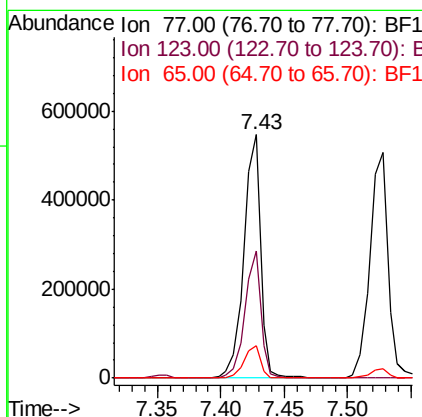
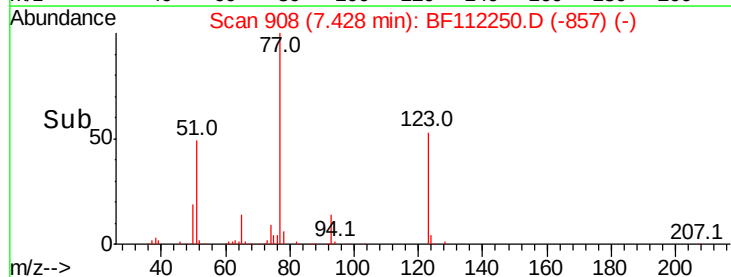
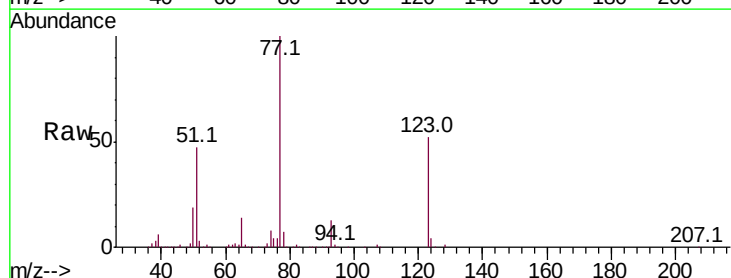
Manual Integrations
 APPROVED

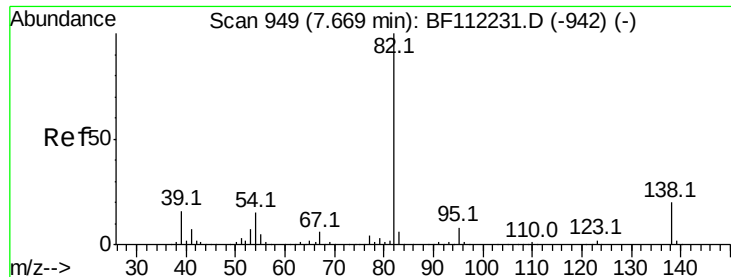
mohammad
 1/29/2019 12:31:50 AM



#24
 Nitrobenzene
 Concen: 40.488 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	38.4	57.6
65	13.5	10.6	15.8





#25

Isophorone

Concen: 45.626 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

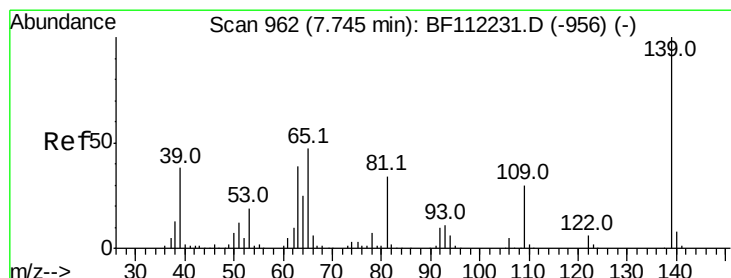
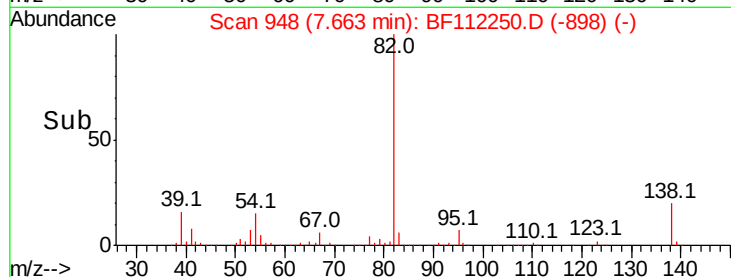
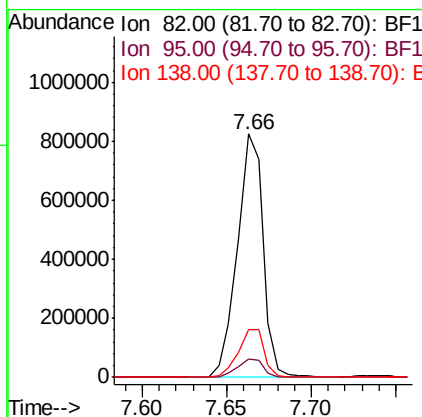
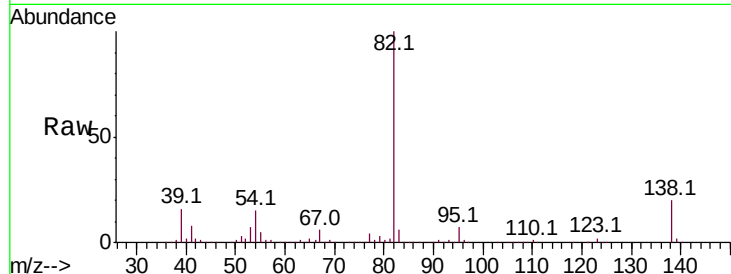
ClientSampleId :

BU-02-012319MSD

Tot Ion:	82	Resp:	879048
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	19.7	15.4	23.0

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#26

2-Nitrophenol

Concen: 40.619 ng

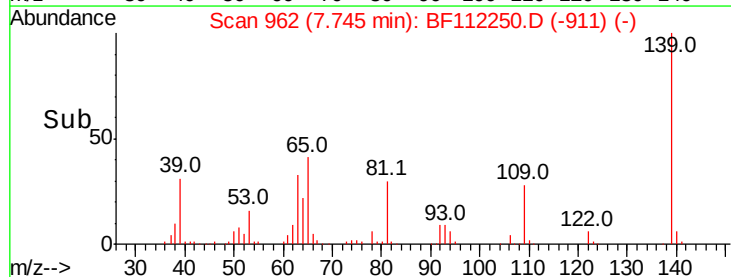
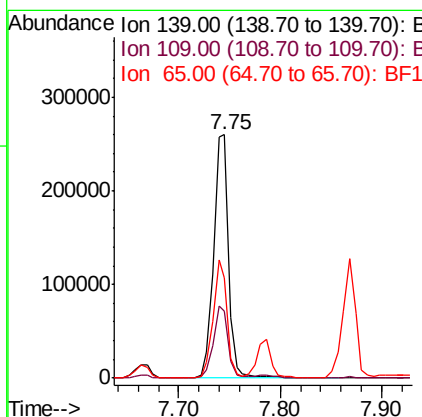
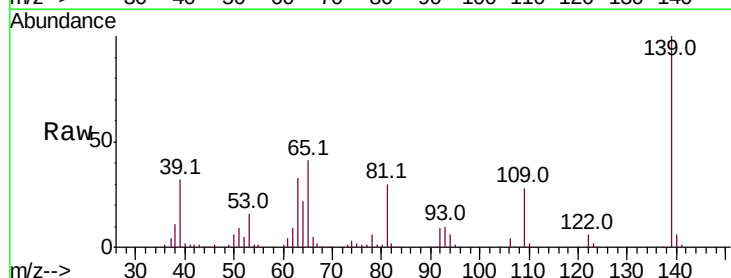
RT: 7.75 min Scan# 962

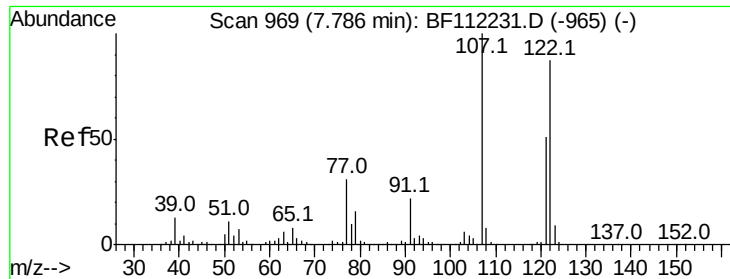
Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:	139	Resp:	266246
Ion Ratio	Lower	Upper	
139	100		
109	27.5	20.8	31.2
65	41.2	34.4	51.6





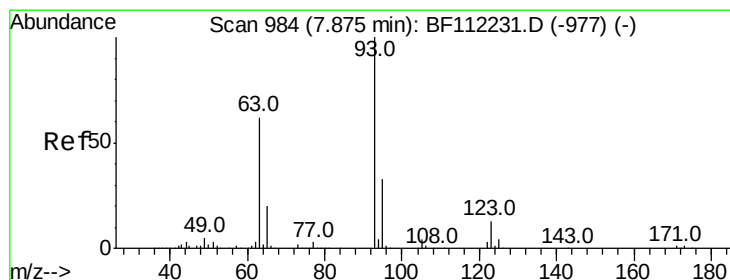
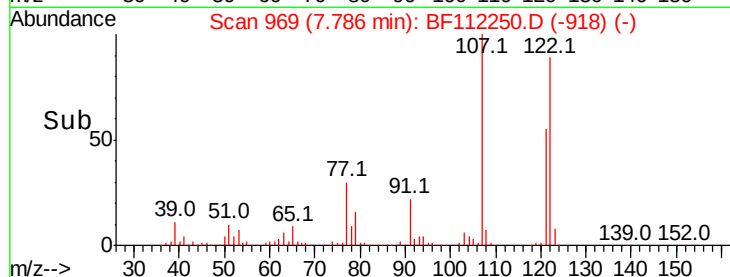
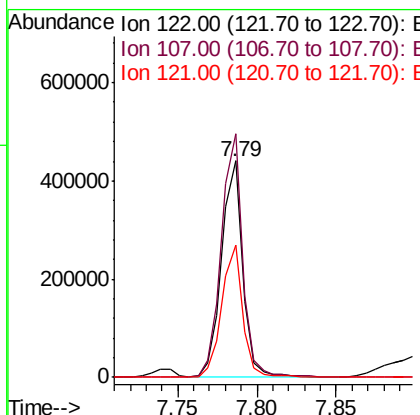
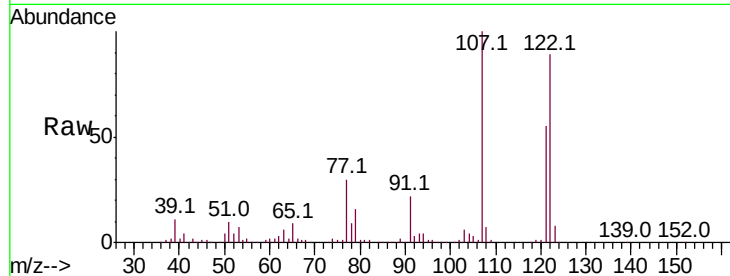
#27
2,4-Dimethylphenol
Concen: 45.436 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	85.4	128.0
121	61.3	47.0	70.4

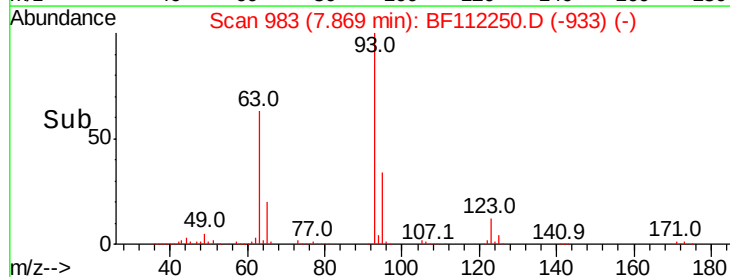
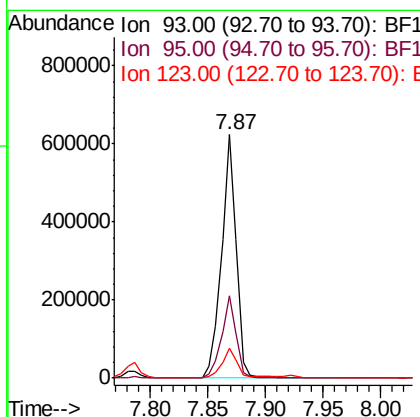
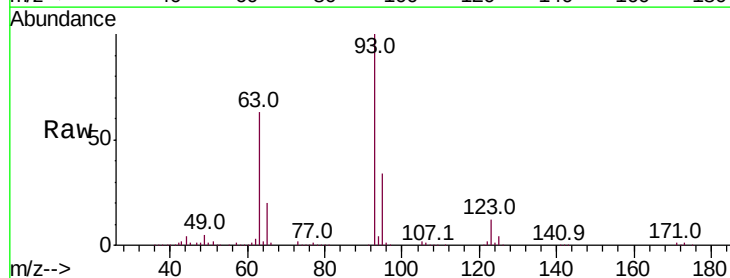
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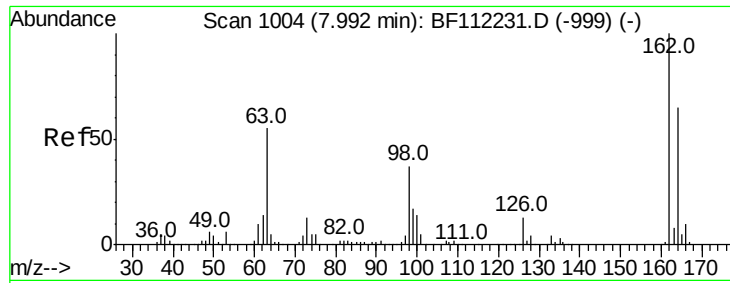
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.373 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.8	40.2
123	12.2	10.2	15.2





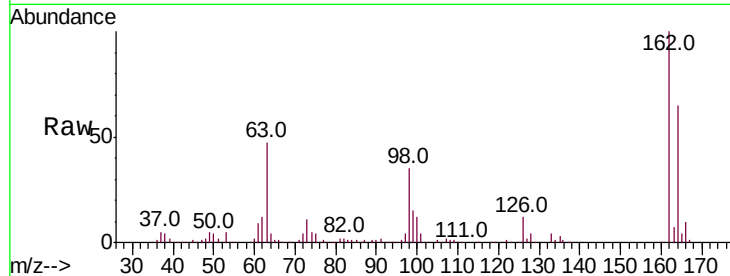
#29
 2,4-Dichlorophenol
 Concen: 41.251 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

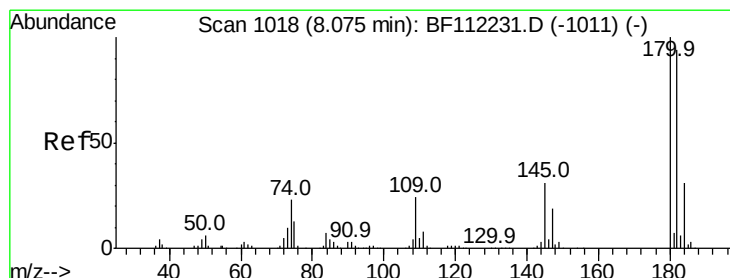
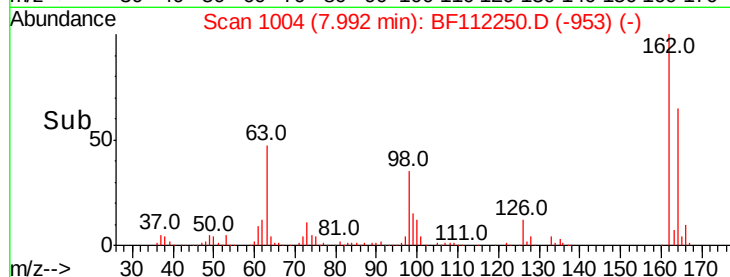
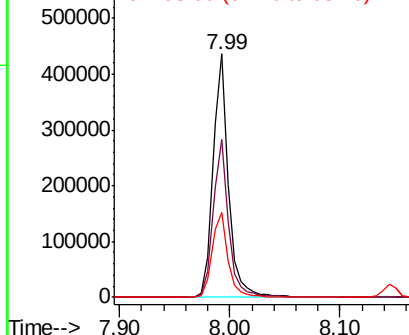
Tot Ion	Ratio	Resp	Lower	Upper
162	100	416892		
164	65.0		44.6	84.6
98	34.6		14.6	54.6

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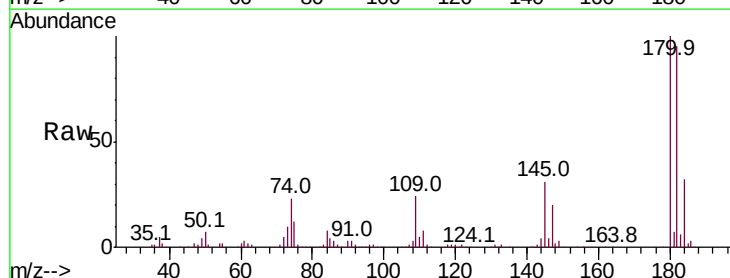


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

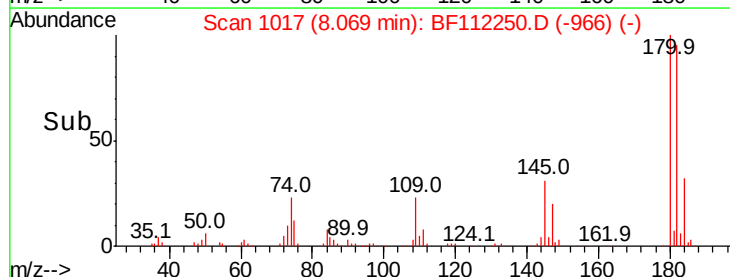
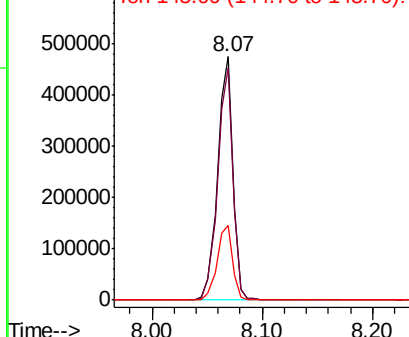


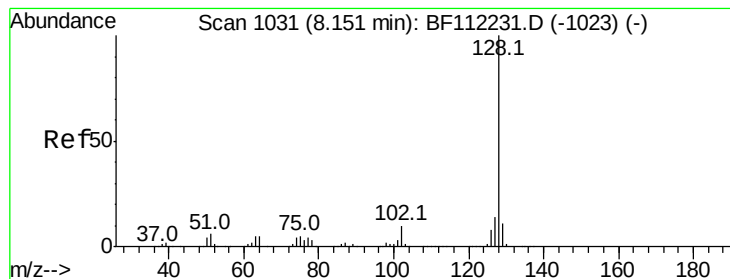
#30
 1,2,4-Trichlorobenzene
 Concen: 39.200 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	455370		
182	95.5		76.4	114.6
145	30.9		25.0	37.4



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





#31

Naphthalene

Concen: 42.483 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion:128 Resp: 1405856

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

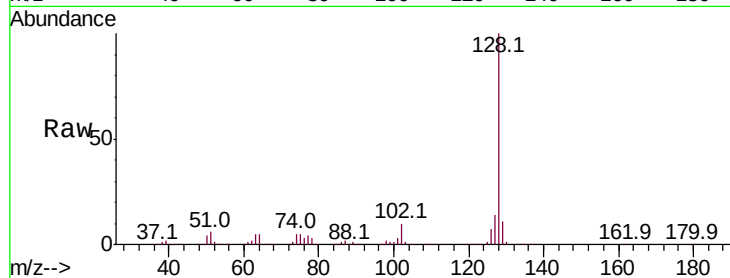
127 13.8 11.1 16.7

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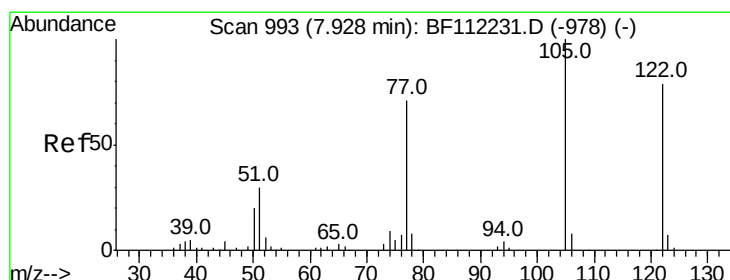
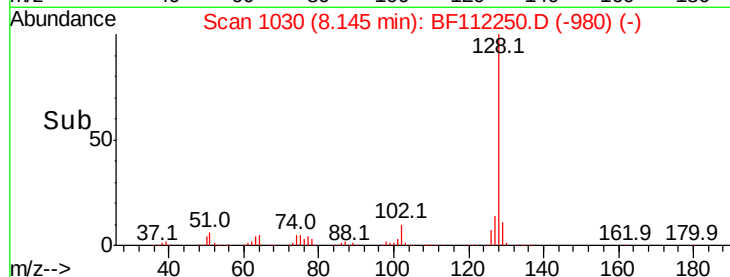
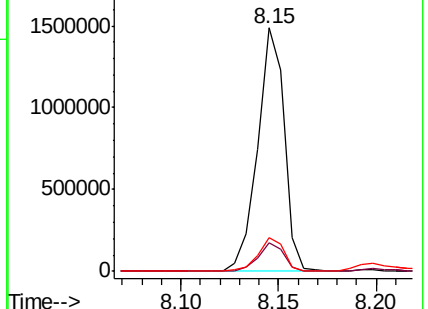
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.047 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

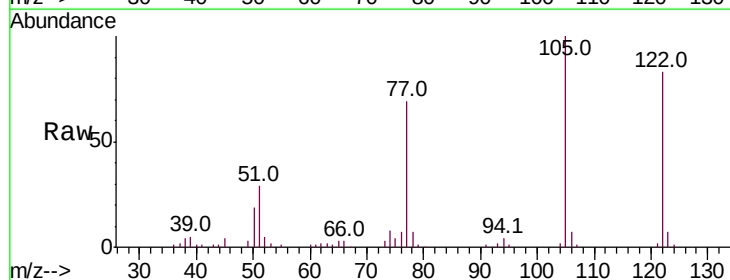
Tgt Ion:122 Resp: 195993

Ion Ratio Lower Upper

122 100

105 120.3 101.2 141.2

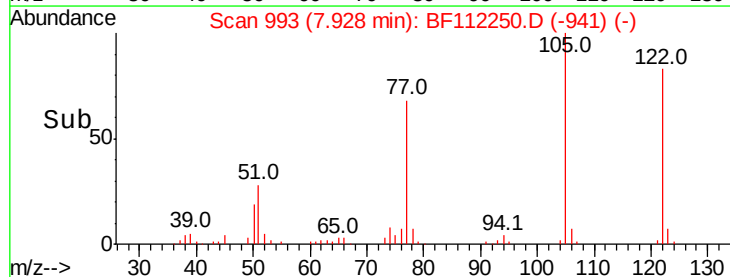
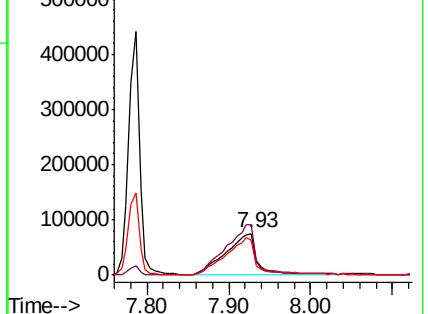
77 83.6 70.4 110.4

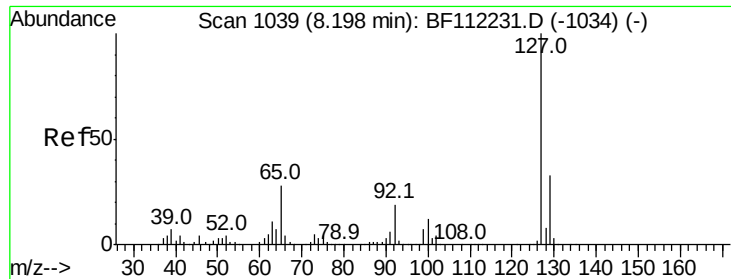


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





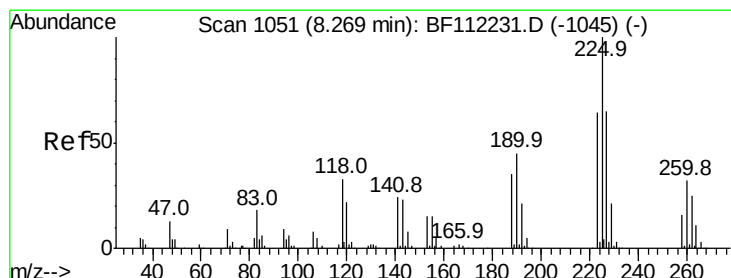
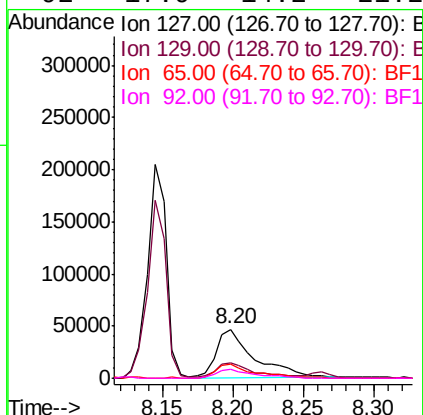
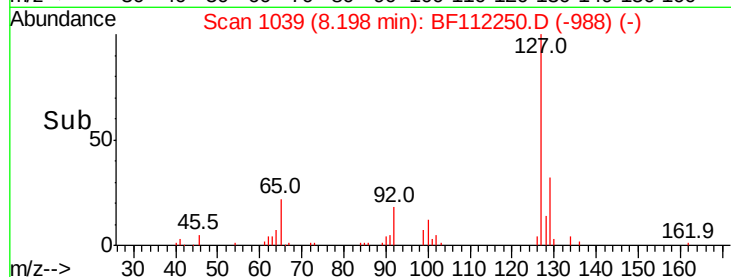
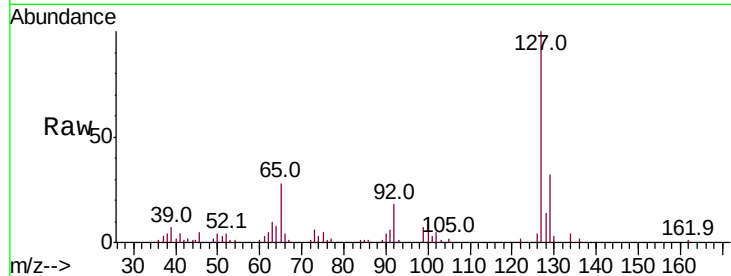
#33
 4-Chloroaniline
 Concen: 6.071 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.6	39.8		
65	27.7	21.4	32.2		
92	17.9	14.2	21.2		

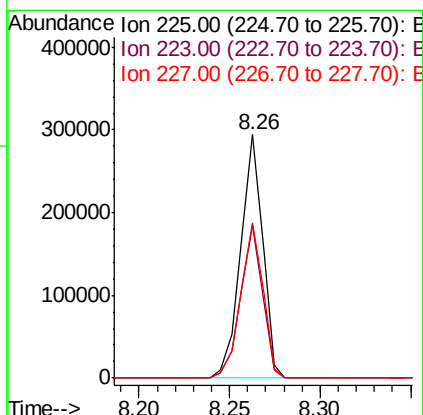
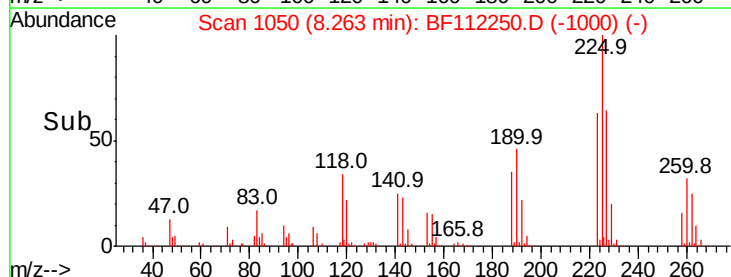
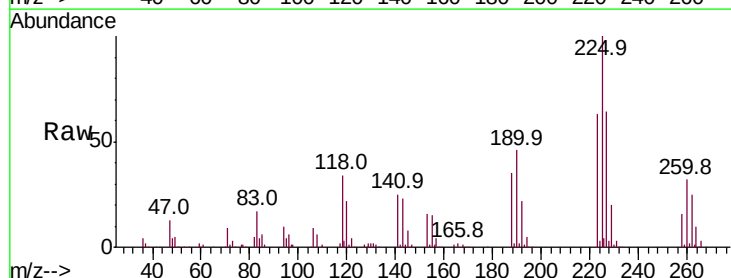
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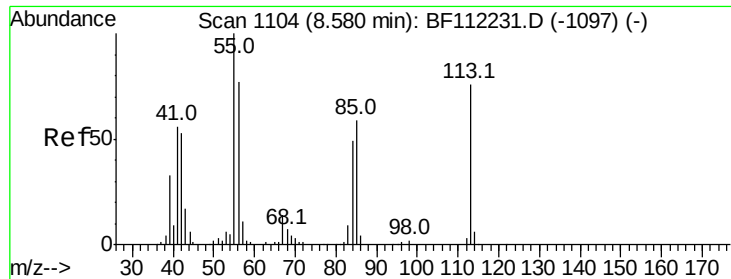
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#34
 Hexachlorobutadiene
 Concen: 36.542 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.3	75.5		
227	63.8	51.8	77.8		





#35

Caprolactam

Concen: 26.435 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion:113 Resp: 94247

Ion Ratio Lower Upper

113 100

55 150.0 121.6 161.6

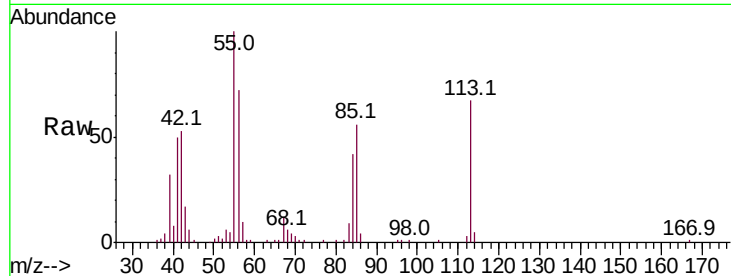
56 108.4 86.7 126.7

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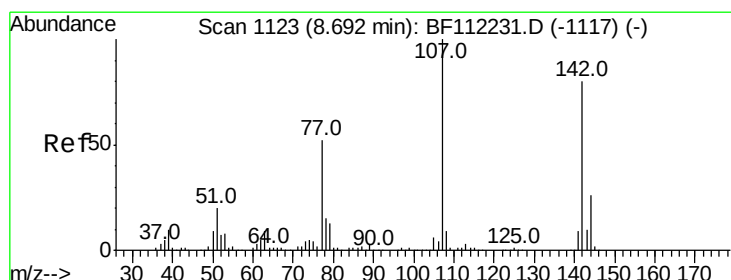
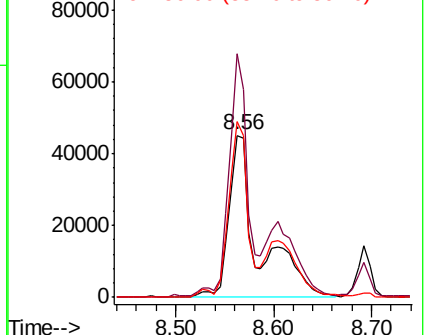
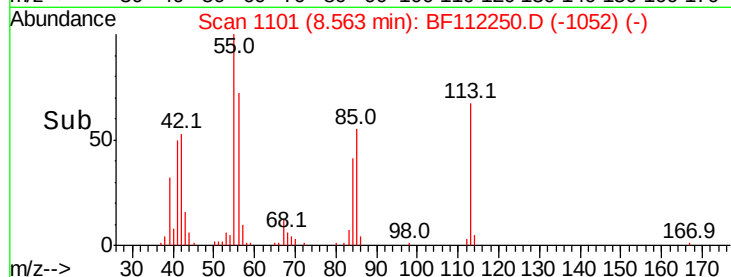
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.960 ng/mL

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

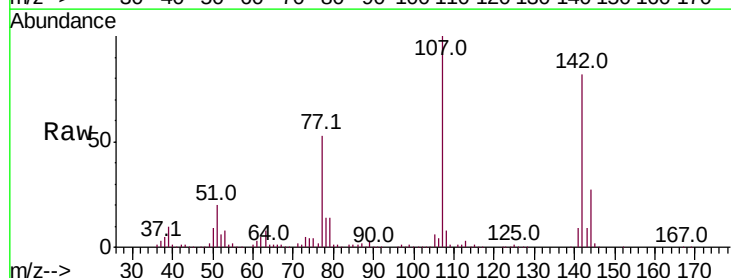
Tgt Ion:107 Resp: 416819

Ion Ratio Lower Upper

107 100

144 26.9 22.2 33.2

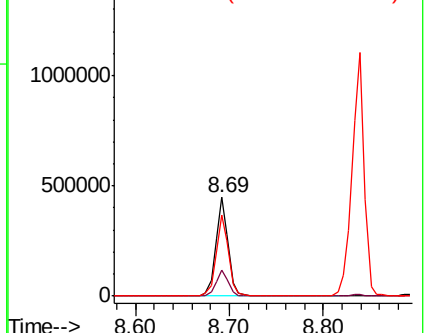
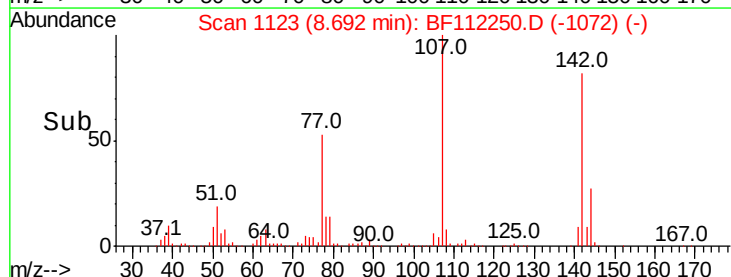
142 82.5 67.7 101.5

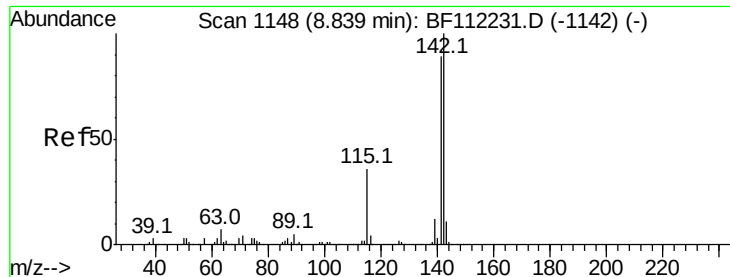


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.008 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

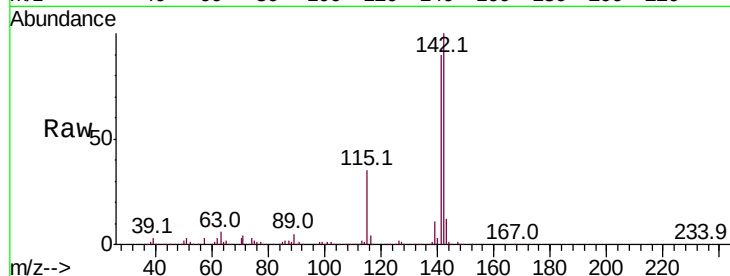
ClientSampleId :

BU-02-012319MSD

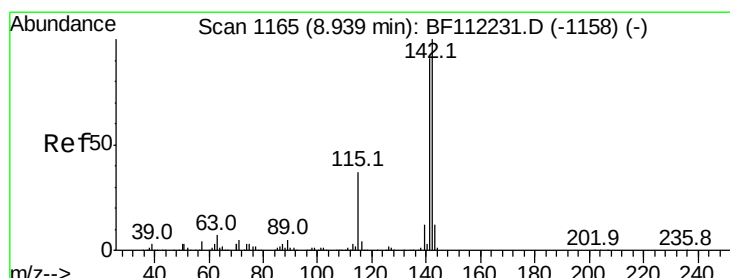
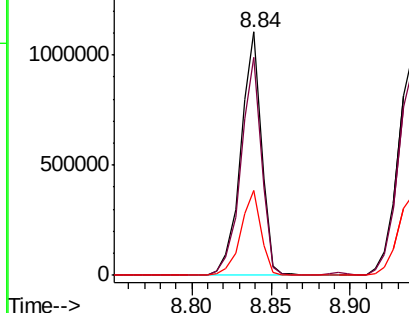
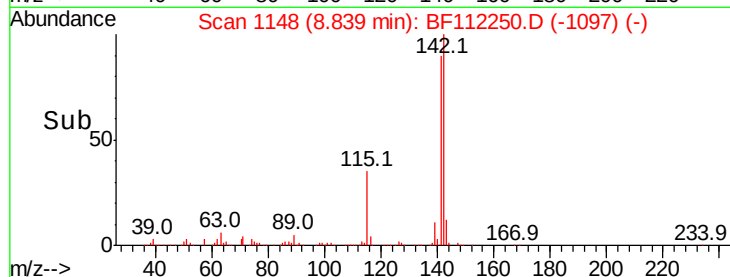
Tot Ion:	142	Resp:	996954
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.9	106.3
115	34.7	24.9	37.3

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Abundance Ion 142.00 (141.70 to 142.70): E
1500000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.823 ng

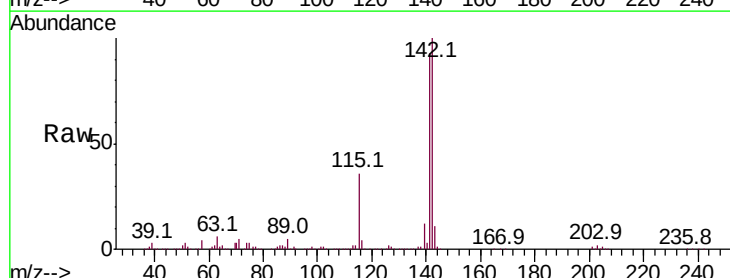
RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

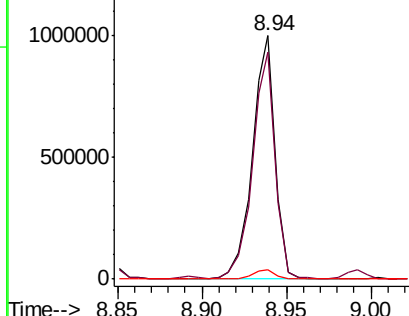
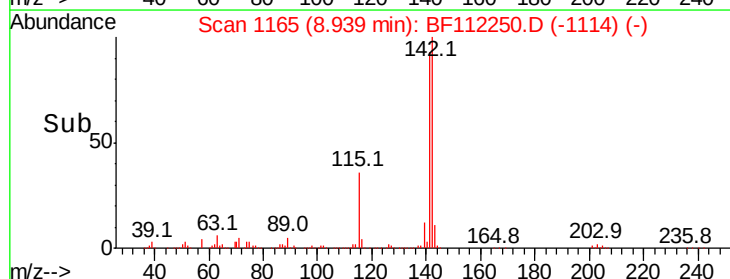
Lab File: BF112250.D

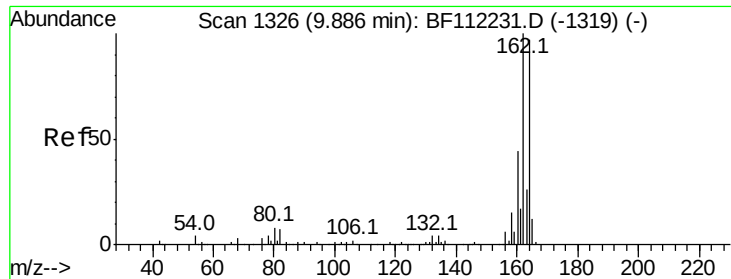
Acq: 25 Jan 2019 23:40

Tgt Ion:	142	Resp:	929845
Ion Ratio	Lower	Upper	
142	100		
141	93.5	72.6	108.8
116	3.8	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
1000000
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





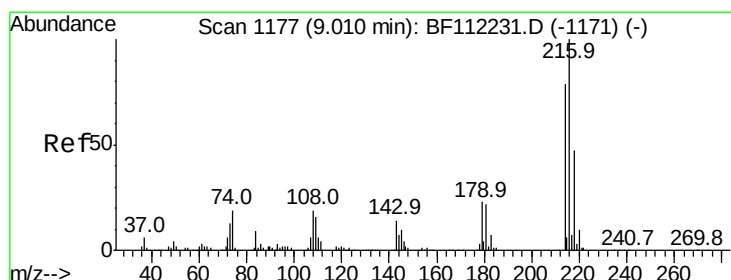
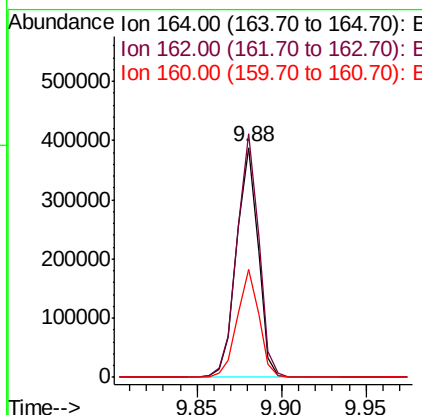
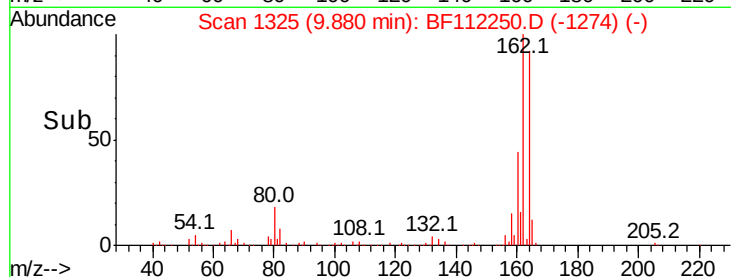
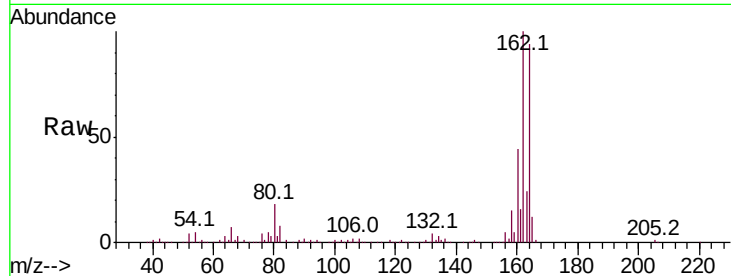
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tot Ion:	164	Resp:	346199
Ion Ratio	Lower	Upper	
164	100		
162	105.8	82.2	123.4
160	46.7	36.2	54.4

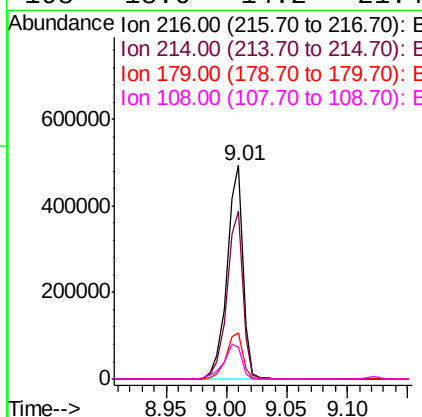
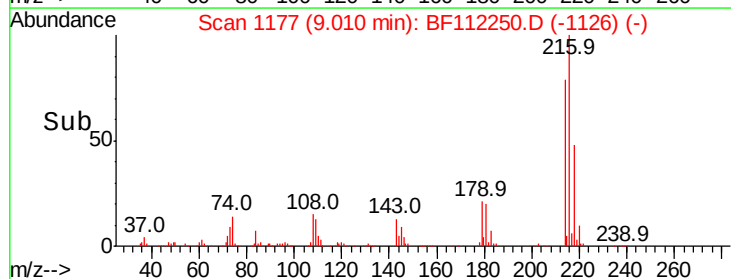
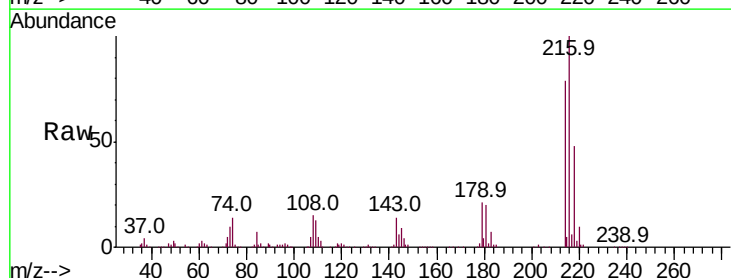
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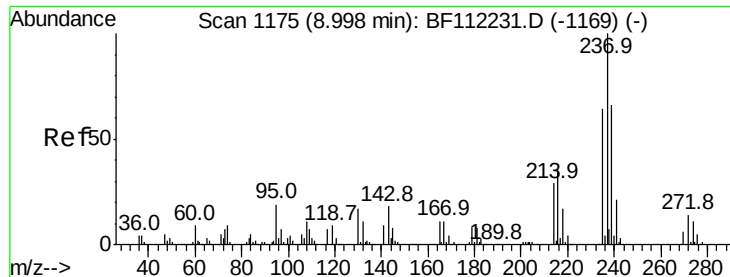
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.724 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion:	216	Resp:	451536
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.8	95.6
179	22.3	16.9	25.3
108	18.6	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 57.978 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

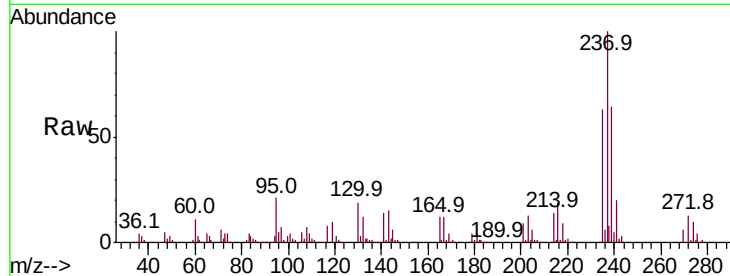
ClientSampleId :

BU-02-012319MSD

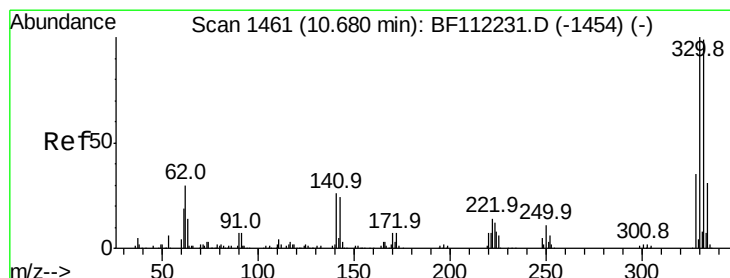
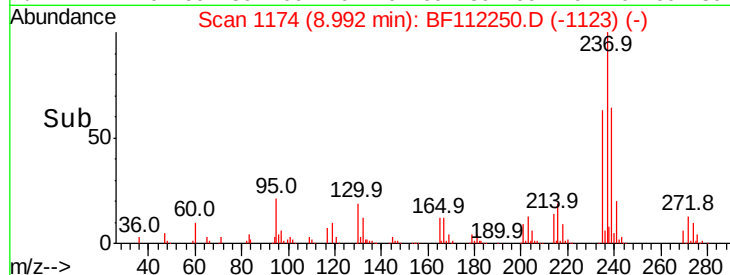
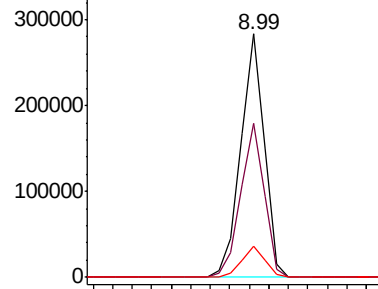
Tot Ion	Ratio	Resp	Lower	Upper
237	100	236975		
235	63.3	44.0	84.0	
272	12.6	0.0	33.3	

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



#42

2,4,6-Tribromophenol

Concen: 113.738 ng

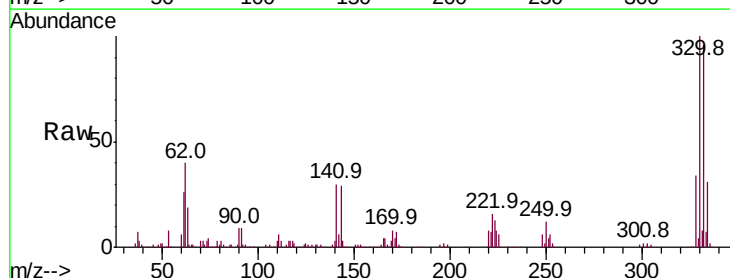
RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

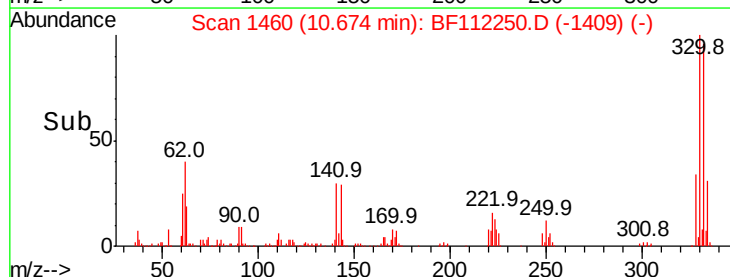
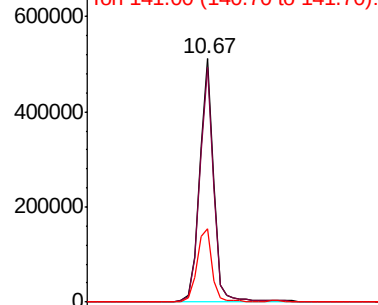
Lab File: BF112250.D

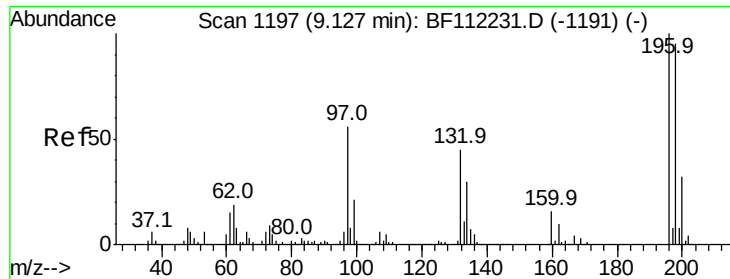
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	458325		
332	96.8	76.6	114.8	
141	32.4	24.3	36.5	



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





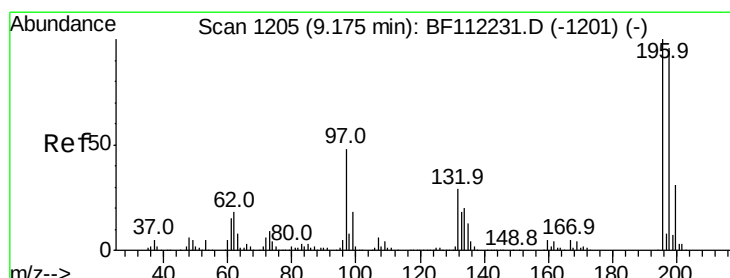
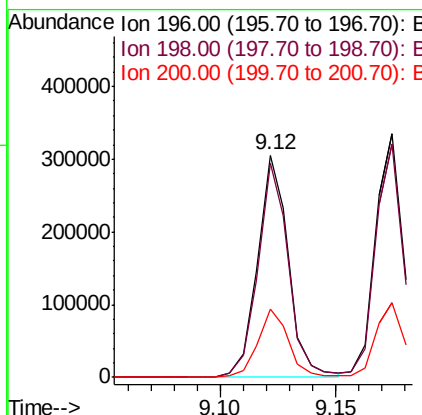
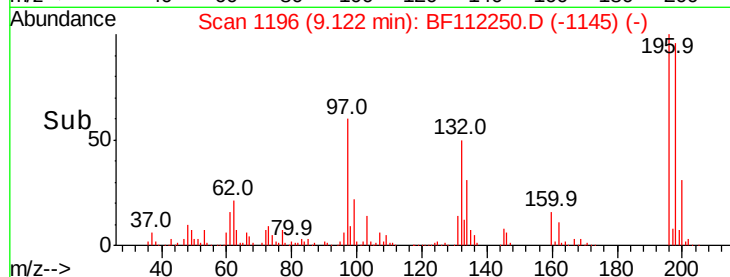
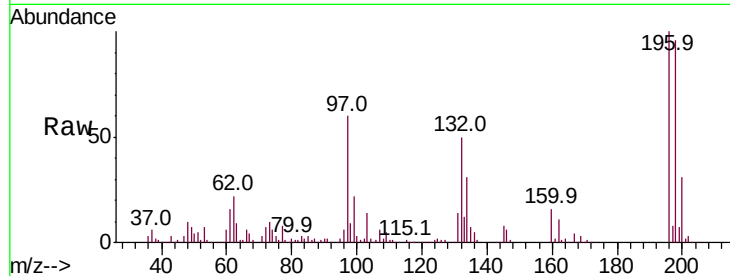
#43
 2,4,6-Trichlorophenol
 Concen: 40.613 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tot Ion:	196	Resp:	284563
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.2	114.4
200	30.5	24.3	36.5

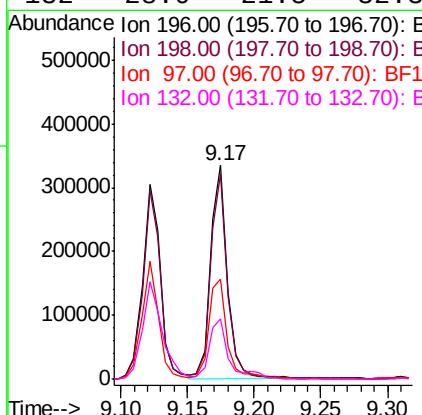
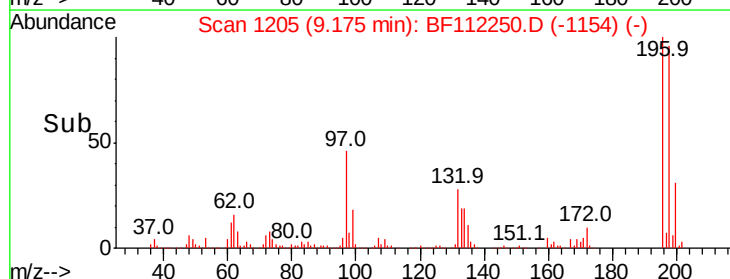
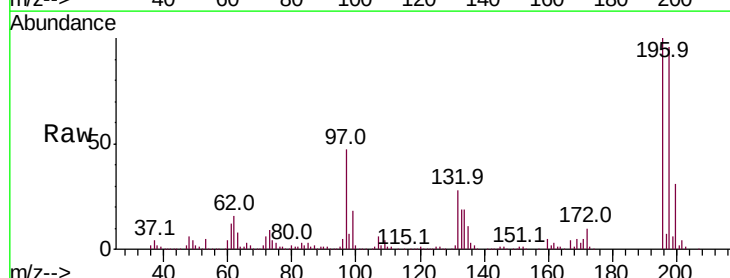
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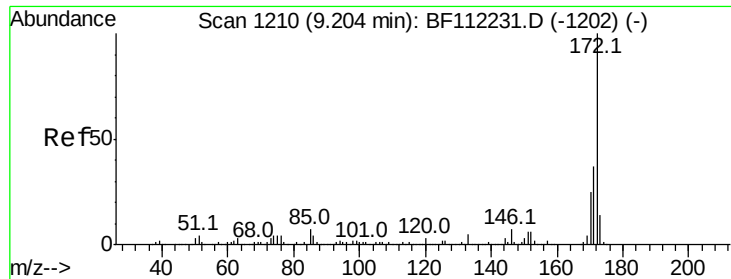
mohammad
 1/29/2019 12:31:50 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.541 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion:	196	Resp:	296880
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.0	114.0
97	46.5	36.4	54.6
132	28.0	21.5	32.3





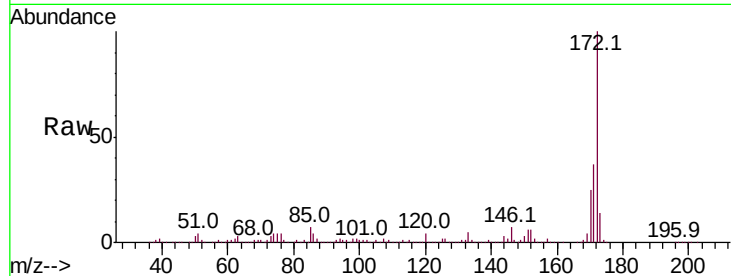
#45
2-Fluorobiphenyl
Concen: 80.139 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

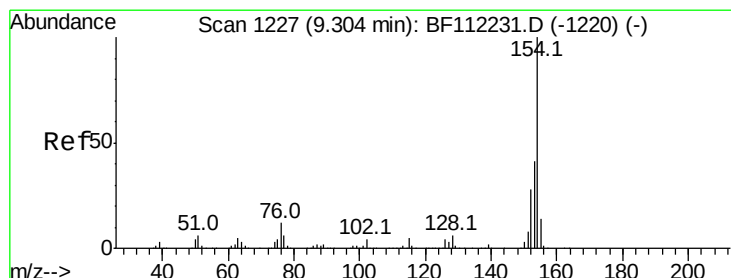
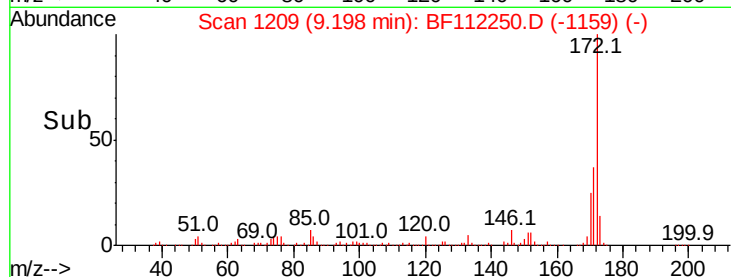
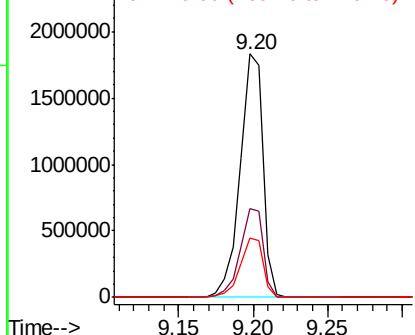
Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	30.5	45.7	
170	24.6	20.2	30.4	

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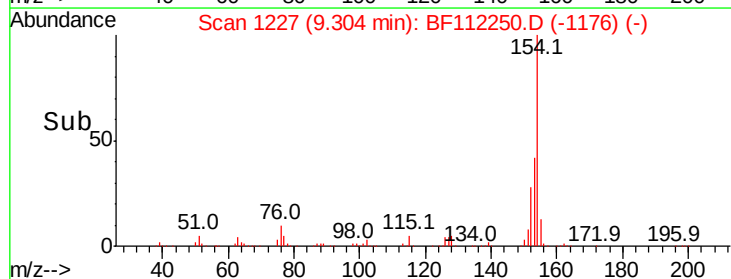
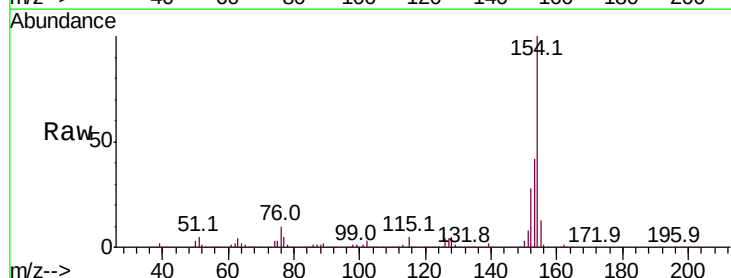
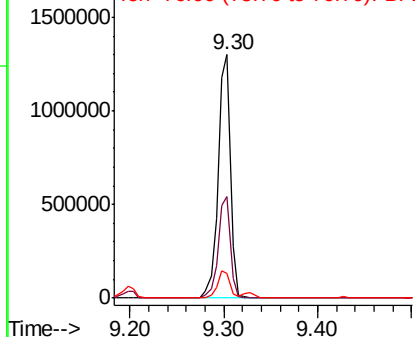
Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

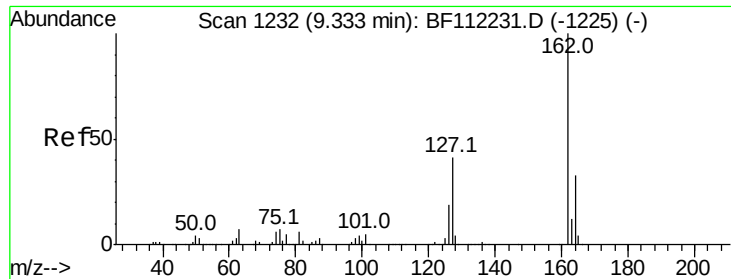


#46
1,1'-Biphenyl
Concen: 39.486 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.5	21.5	61.5	
76	10.4	0.0	33.1	

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





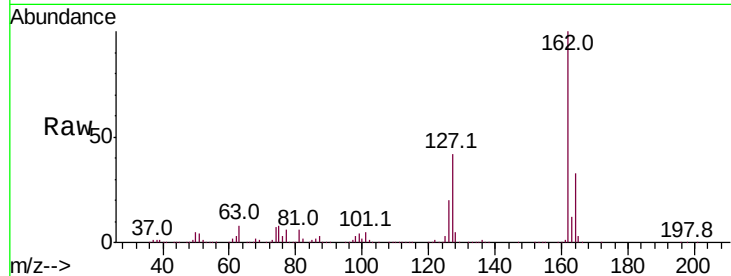
#47
2-Chloronaphthalene
Concen: 39.138 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

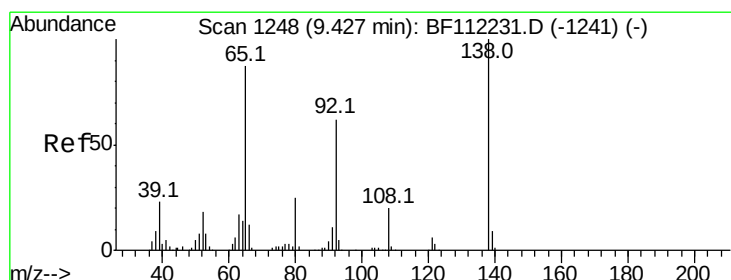
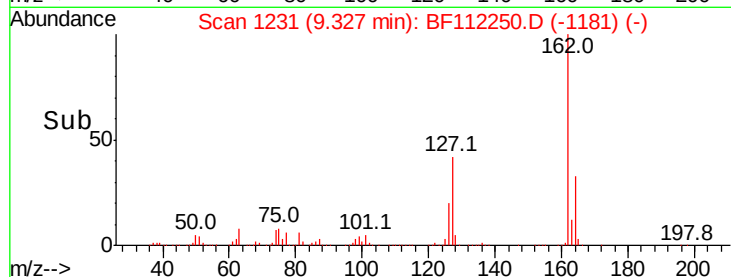
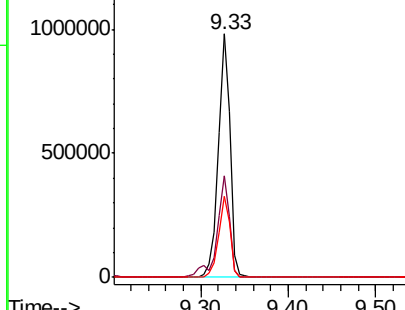
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.6	30.4	45.6
164	33.2	27.4	41.2

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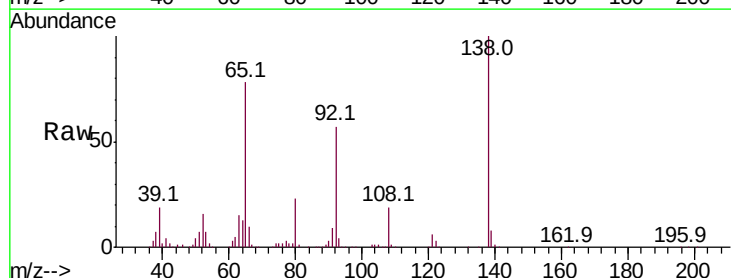


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

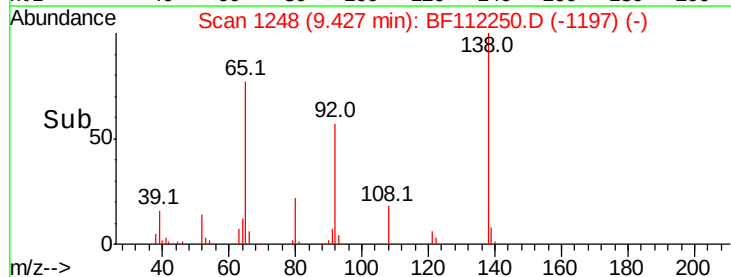
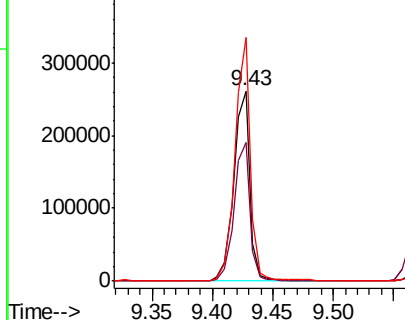


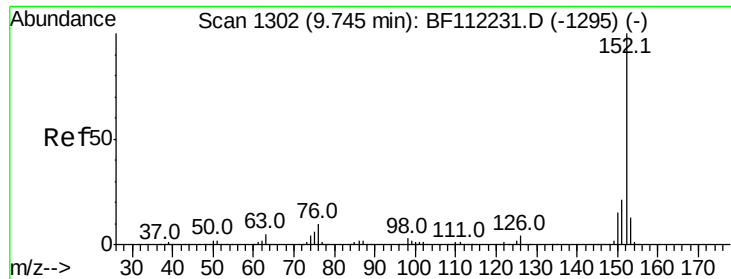
#48
2-Nitroaniline
Concen: 38.410 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.2	60.4	90.6
138	128.0	104.4	156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.216 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion:152 Resp: 1452250

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

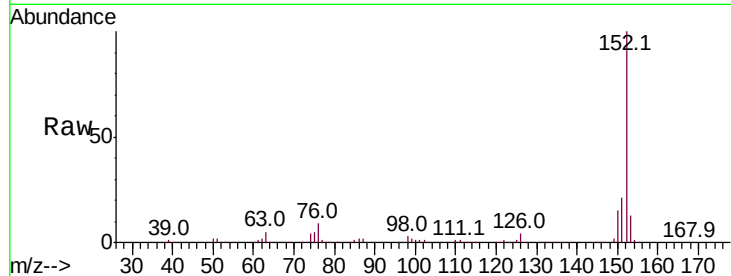
153 13.4 11.2 16.8

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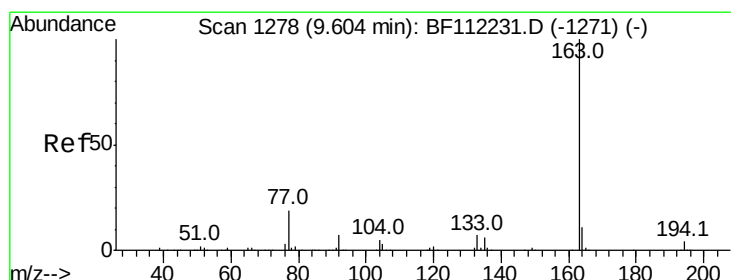
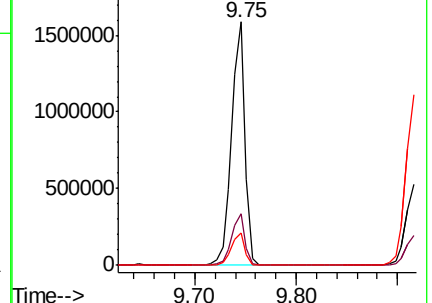
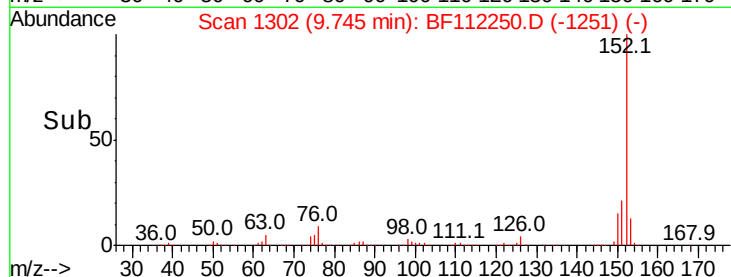
1/29/2019 12:31:50 AM



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: 40.430 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

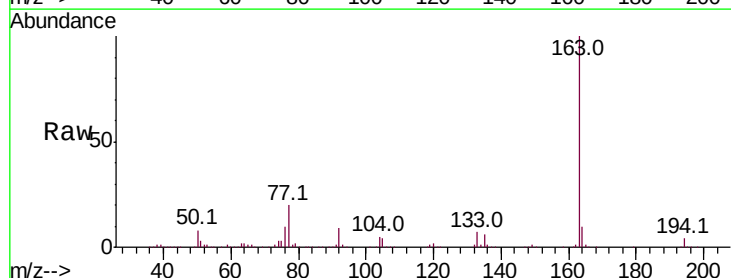
Tgt Ion:163 Resp: 1087475

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

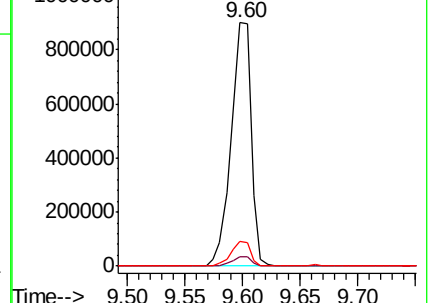
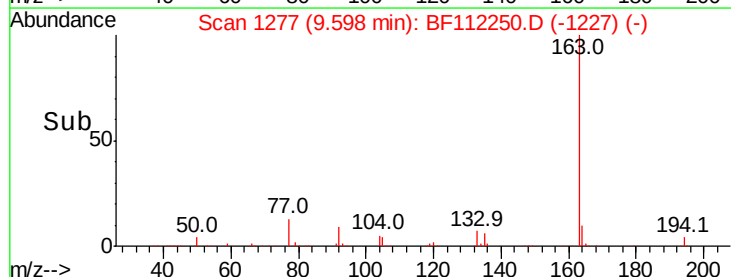
164 10.2 8.5 12.7

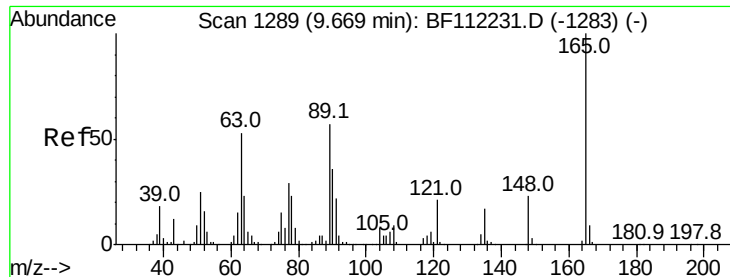


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





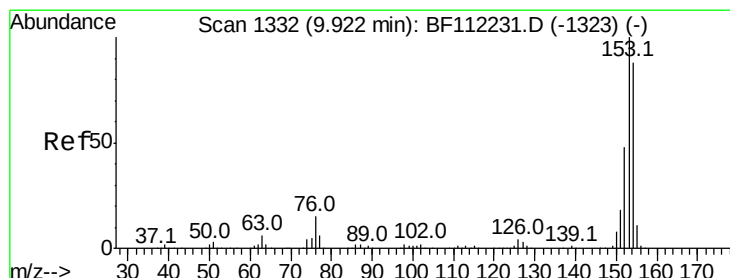
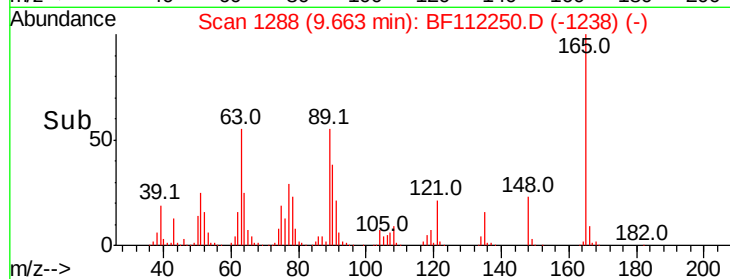
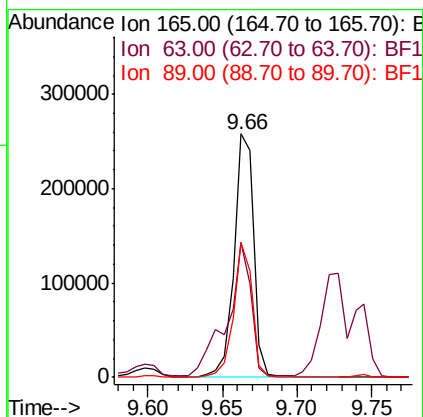
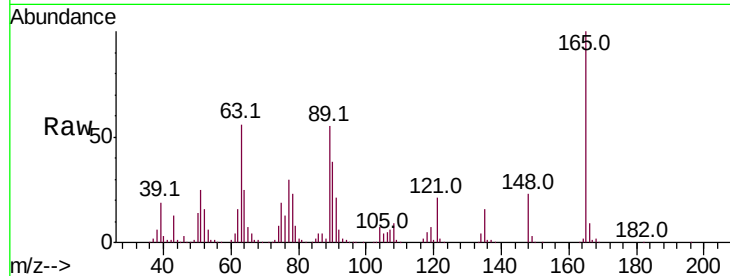
#51
2,6-Dinitrotoluene
Concen: 39.703 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	239176		
63	55.6	33.8	50.8#	
89	55.2	36.9	55.3	

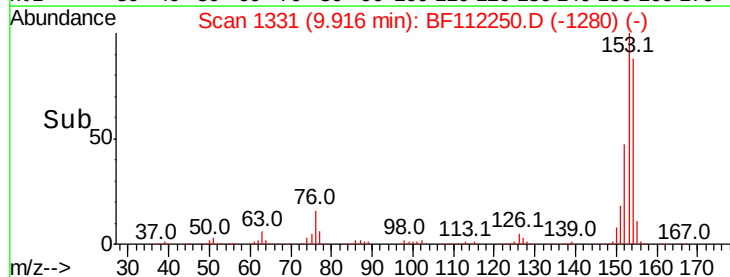
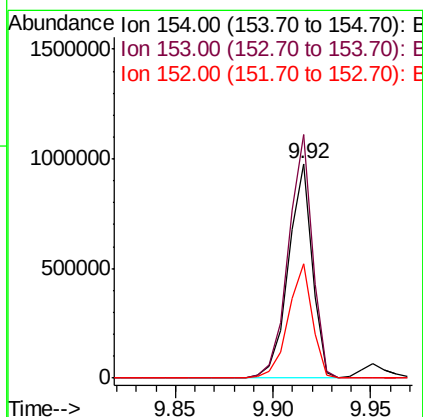
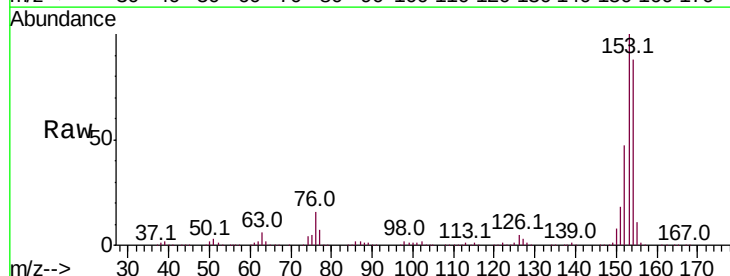
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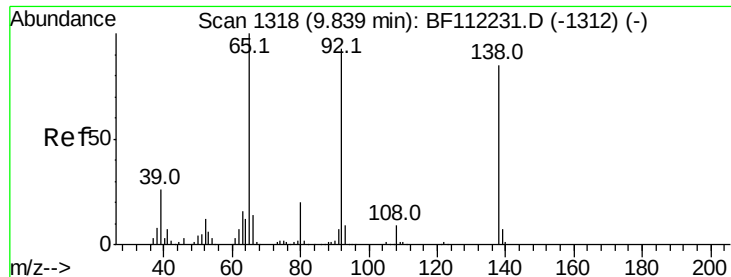
mohammad
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#52
Acenaphthene
Concen: 40.385 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	829899		
153	113.4	89.8	134.6	
152	53.5	43.5	65.3	





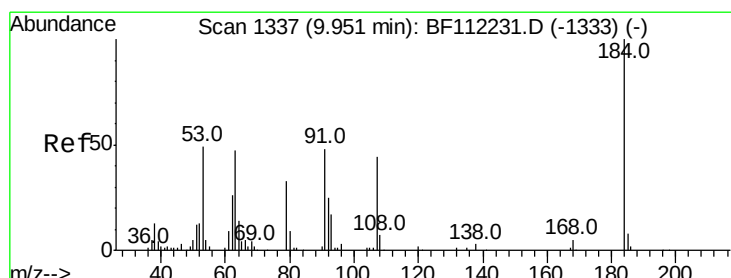
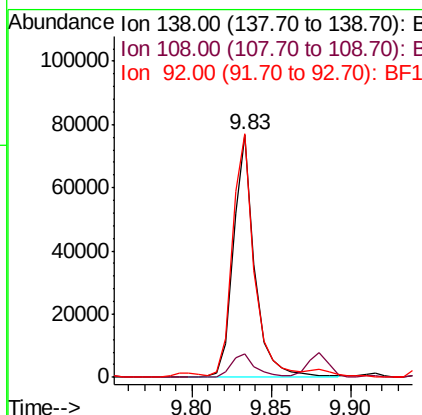
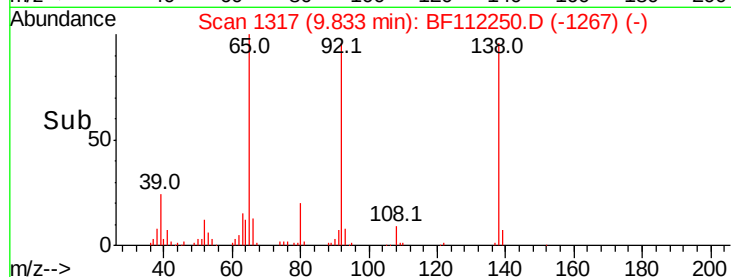
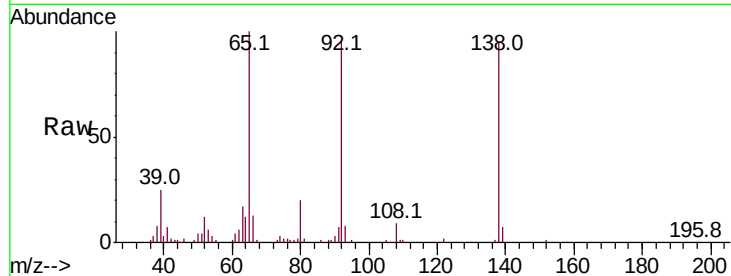
#53
3-Nitroaniline
Concen: 10.932 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion:138 Resp: 71344
Ion Ratio Lower Upper
138 100
108 9.5 9.8 14.6#
92 100.4 79.4 119.2

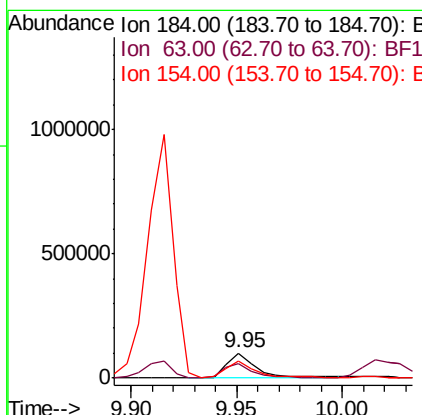
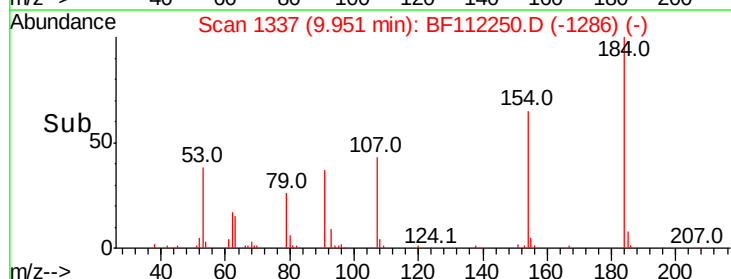
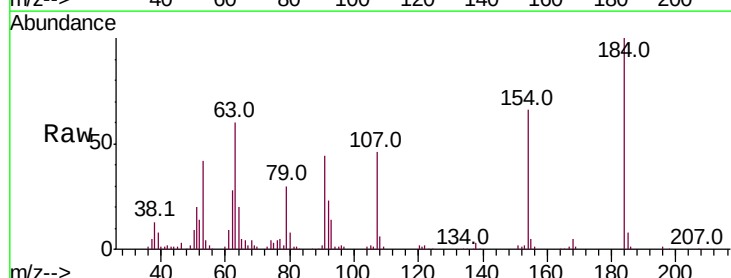
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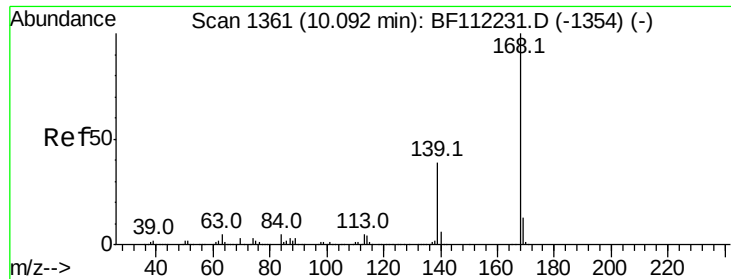
mohammad
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#54
2,4-Dinitrophenol
Concen: 52.419 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:184 Resp: 101342
Ion Ratio Lower Upper
184 100
63 59.5 47.1 70.7
154 65.9 48.9 73.3





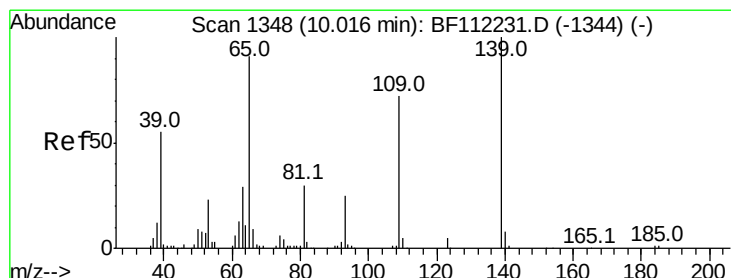
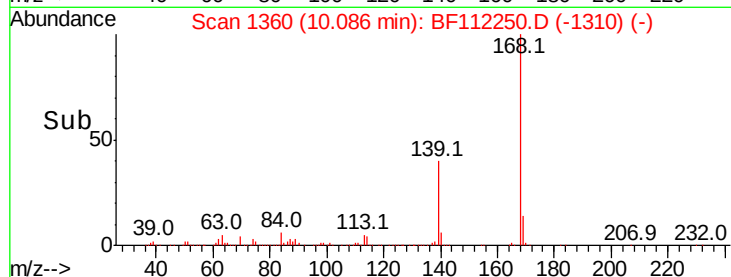
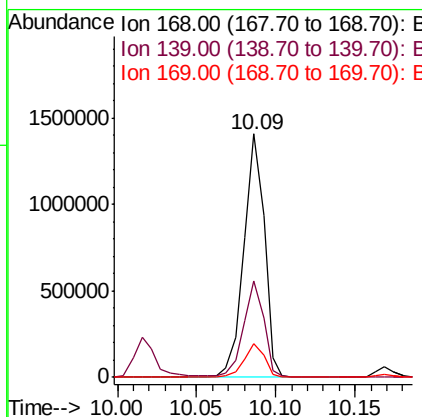
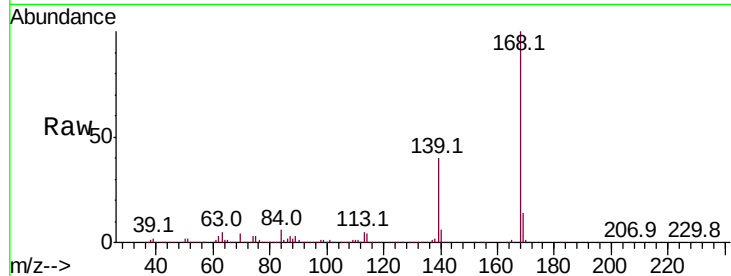
#55
Dibenzofuran
Concen: 40.389 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	29.2	43.8
169	13.9	11.4	17.0

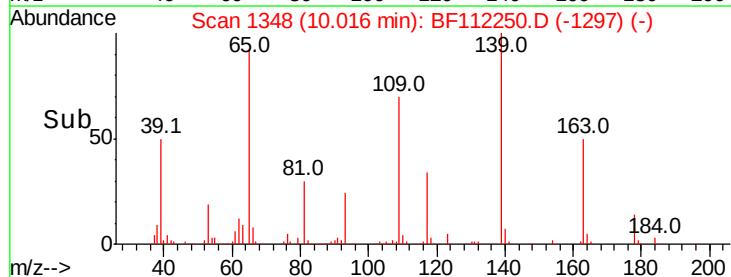
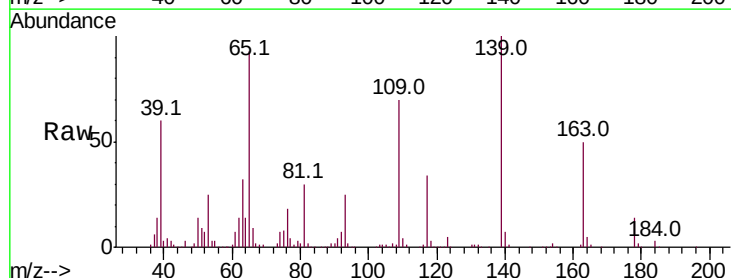
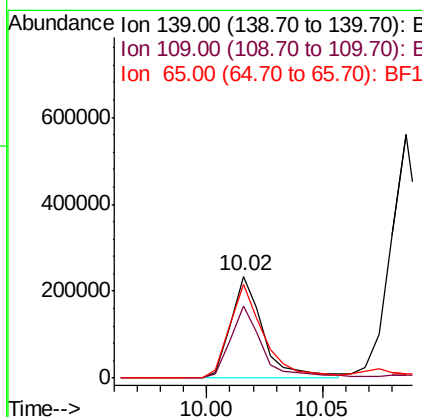
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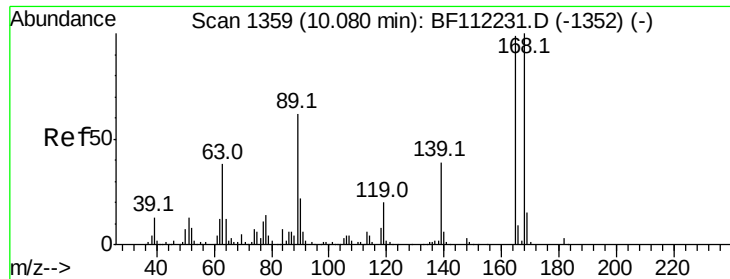
mohammad
1/29/2019 12:31:50 AM



#56
4-Nitrophenol
Concen: 66.319 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.4	42.8	82.8
65	92.6	66.1	106.1





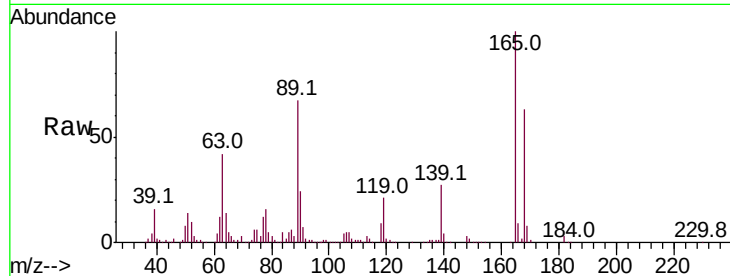
#57
2,4-Dinitrotoluene
Concen: 40.236 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.1	27.9	41.9#	
89	66.7	47.9	71.9	
182	2.9	2.2	3.4	

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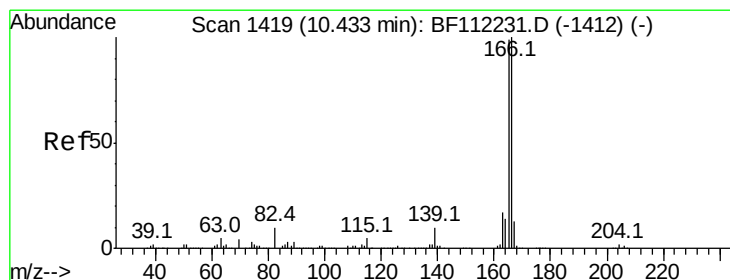
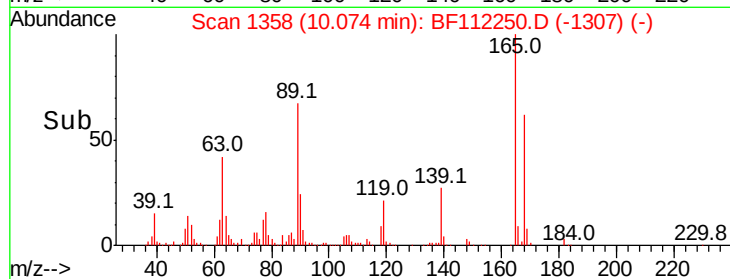
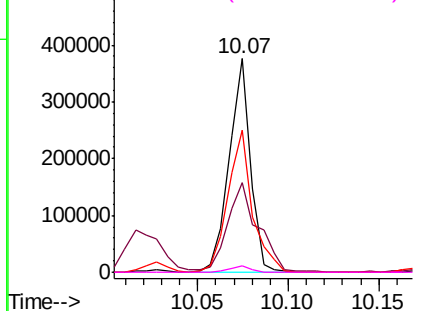
Abundance

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: 41.979 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

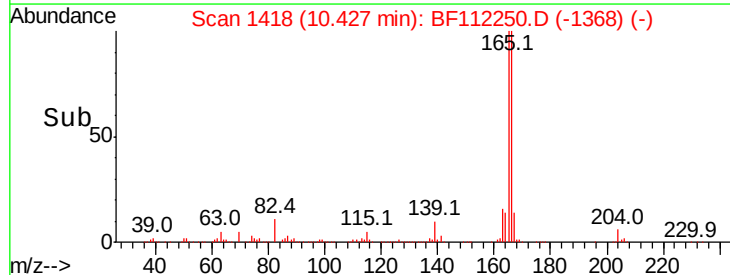
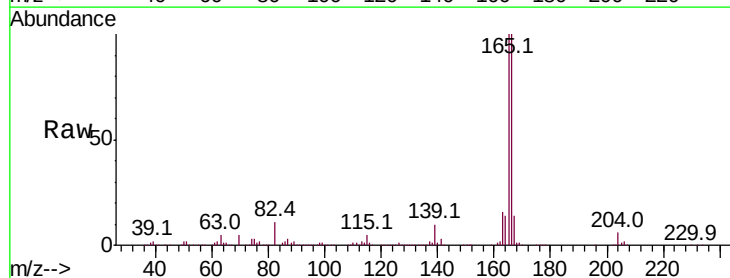
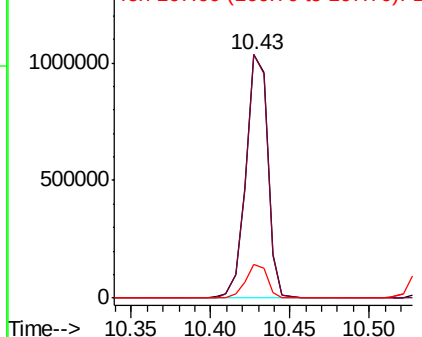
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	77.1	115.7	
167	13.9	11.3	16.9	

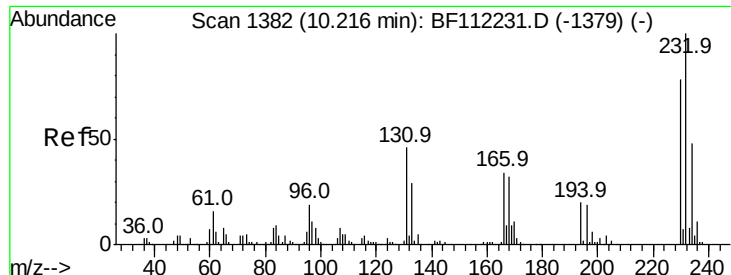
Abundance

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





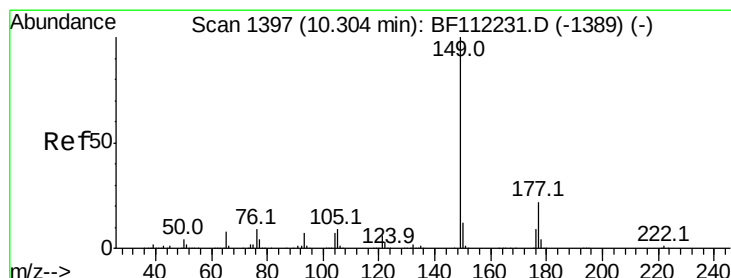
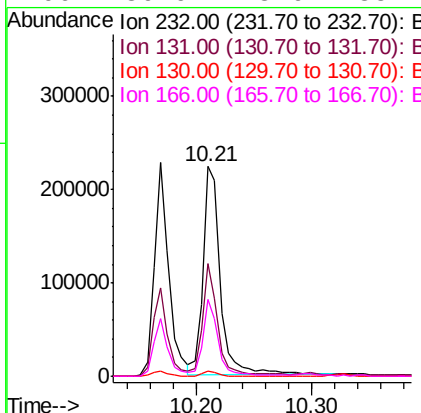
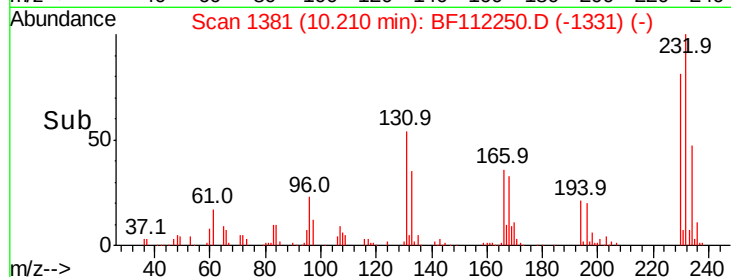
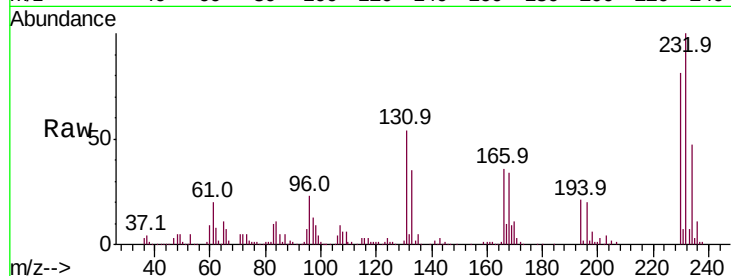
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.729 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	33.9	50.9
130	2.4	1.8	2.6
166	30.9	23.6	35.4

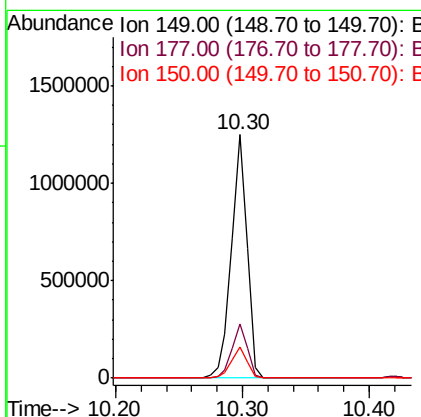
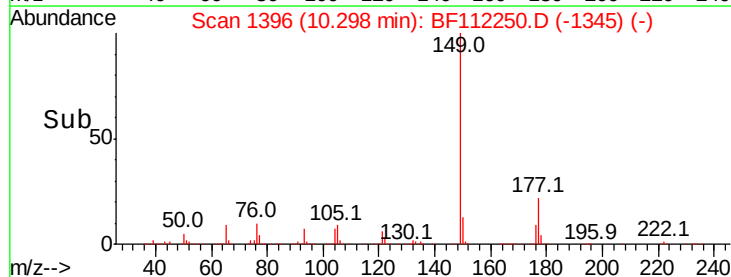
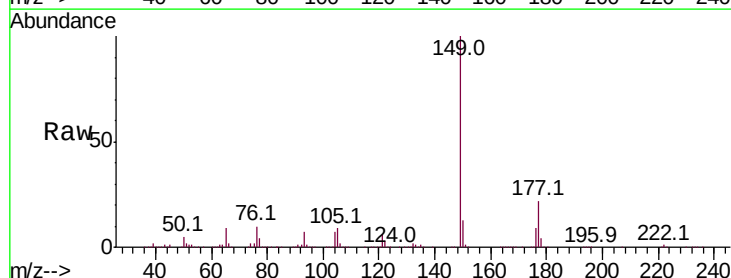
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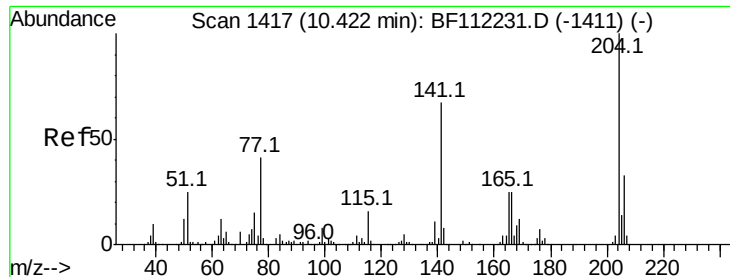
mohammad
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#60
Diethylphthalate
Concen: 39.531 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.2	27.2
150	12.7	10.4	15.6





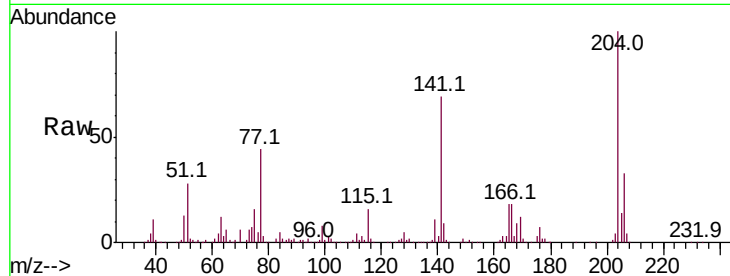
#61
 4-Chlorophenyl-phenylether
 Concen: 37.718 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

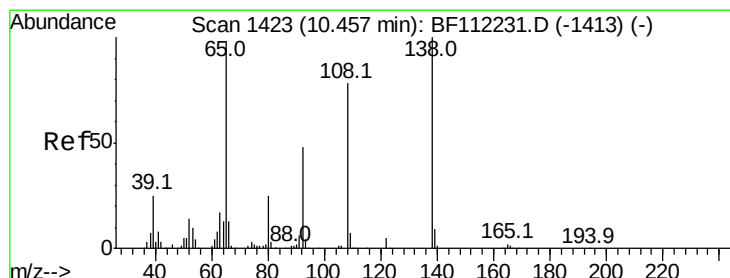
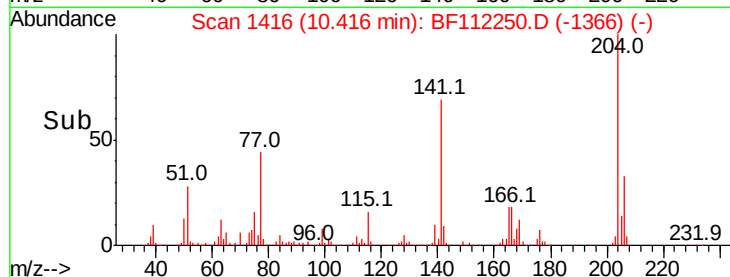
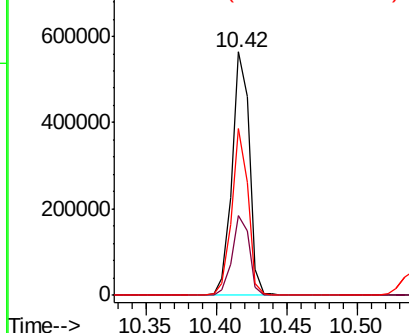
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	68.5	45.9	68.9

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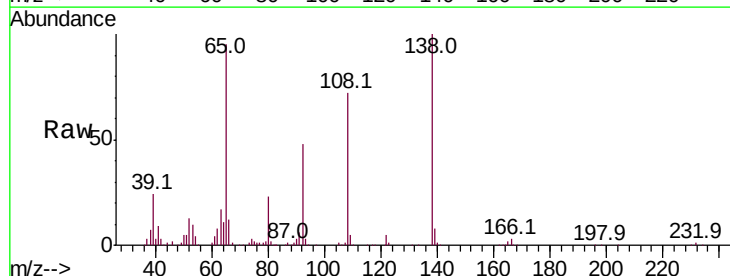


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

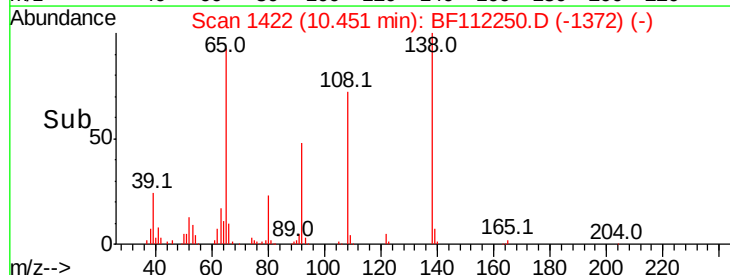
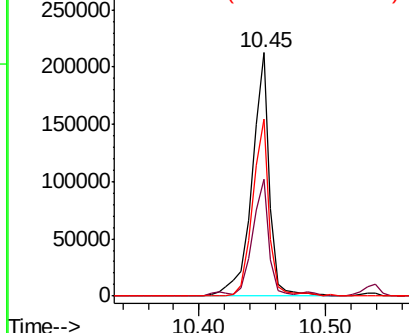


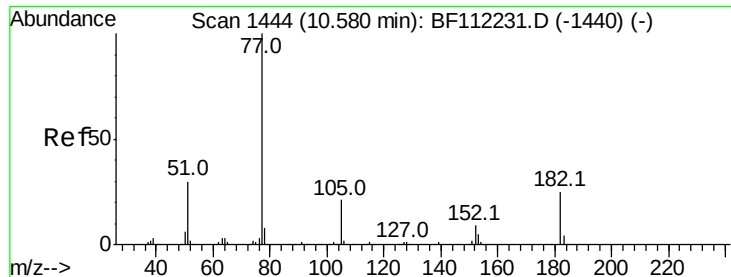
#62
 4-Nitroaniline
 Concen: 32.148 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.6	70.6
108	72.5	50.0	90.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





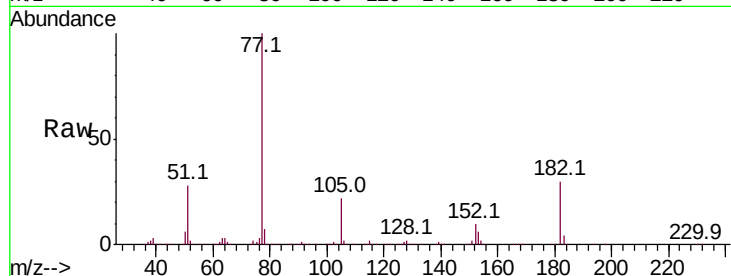
#63
Azobenzene
Concen: 39.238 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

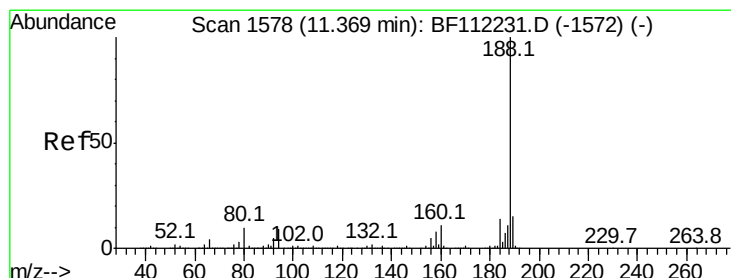
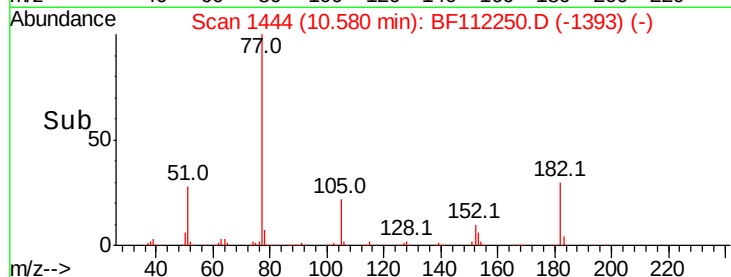
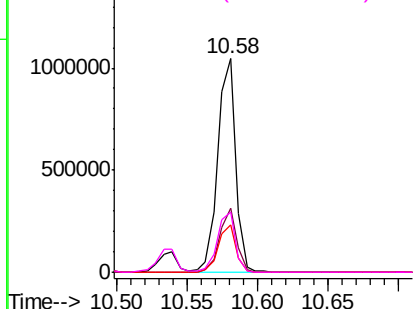
Tot Ion	Ratio	Lower	Upper
77	100		
182	30.2	5.7	45.7
105	22.0	1.4	41.4
51	28.0	9.5	49.5

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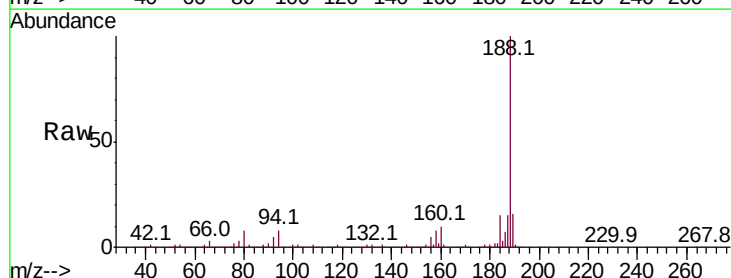


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

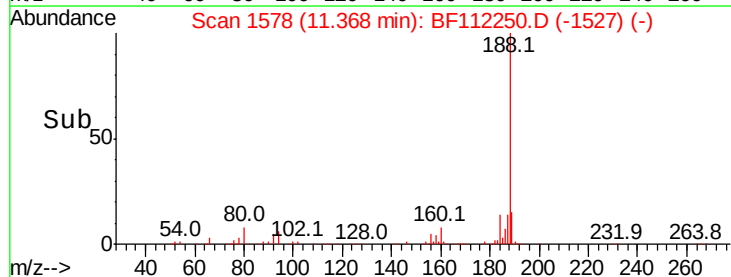
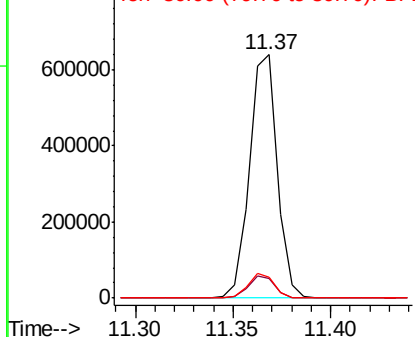


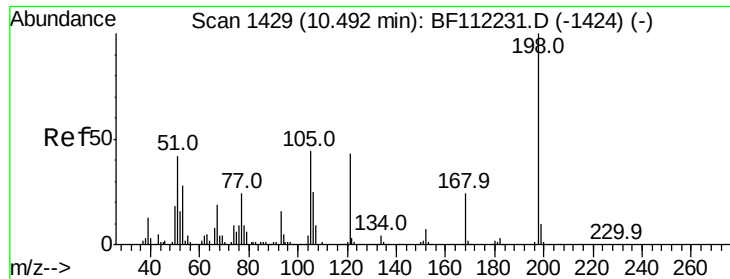
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.4	8.9	13.3#



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





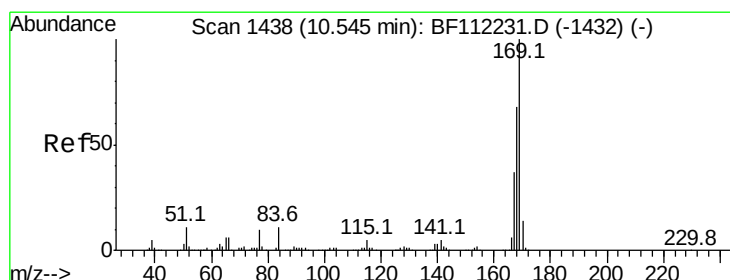
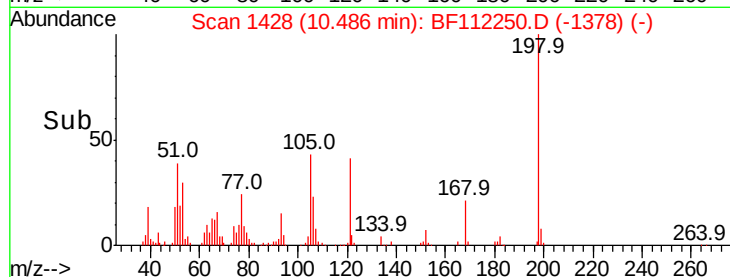
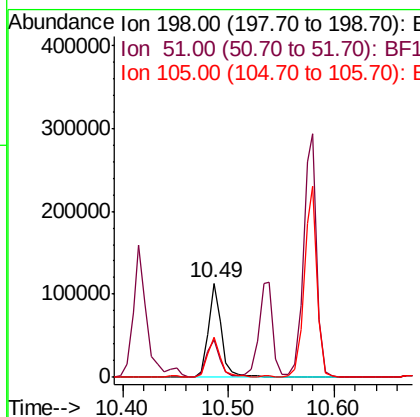
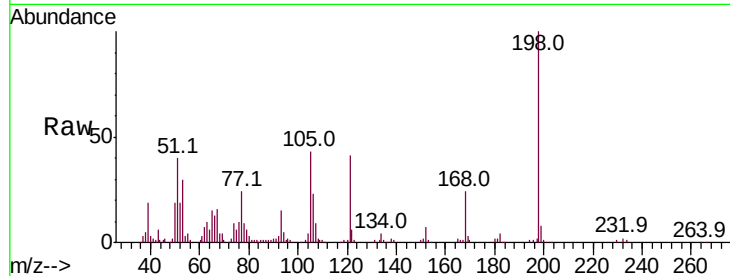
#65
4,6-Dinitro-2-methylphenol
Concen: 28.177 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.6	17.2	57.2
105	43.0	21.9	61.9

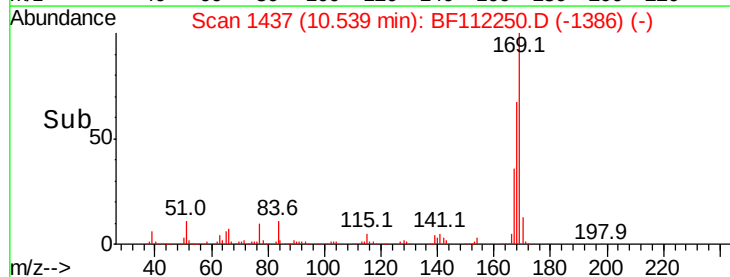
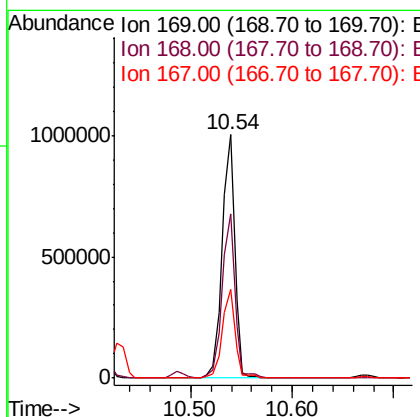
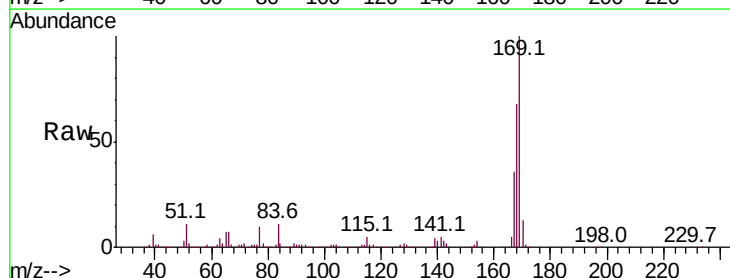
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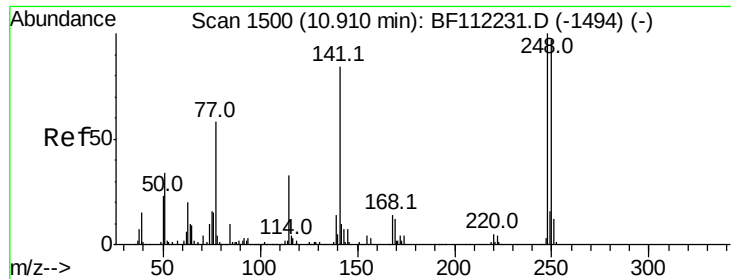
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.812 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	36.5	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 39.663 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF112250.D

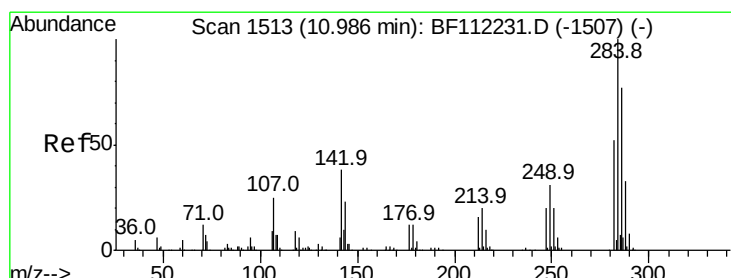
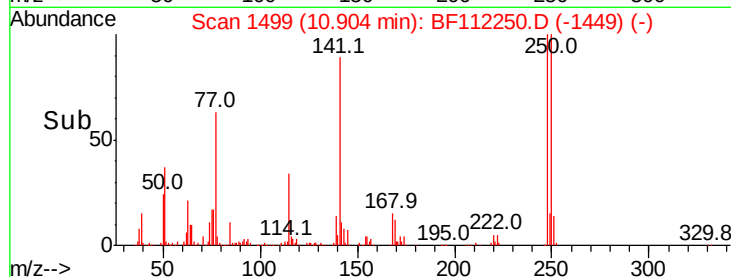
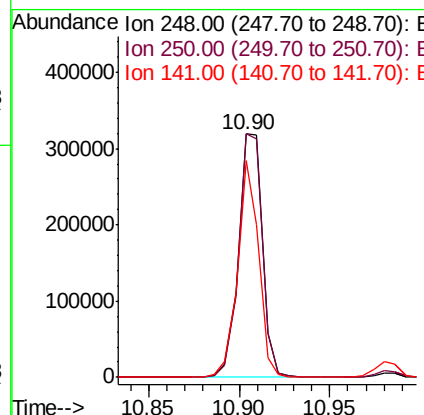
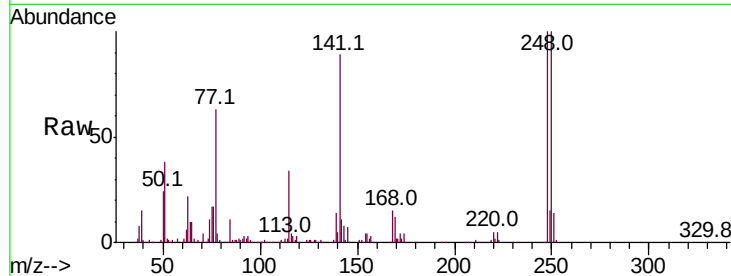
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.7	119.5
141	89.2	60.3	90.5

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#68

Hexachlorobenzene

Concen: 40.465 ng

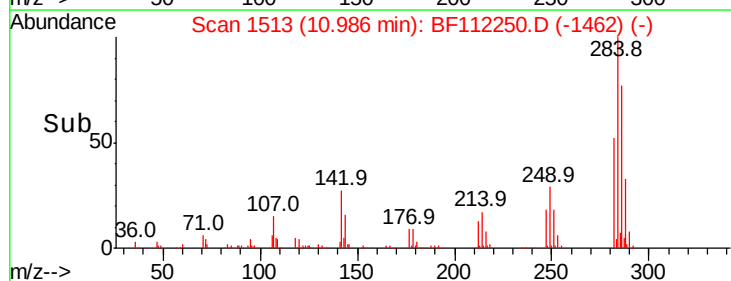
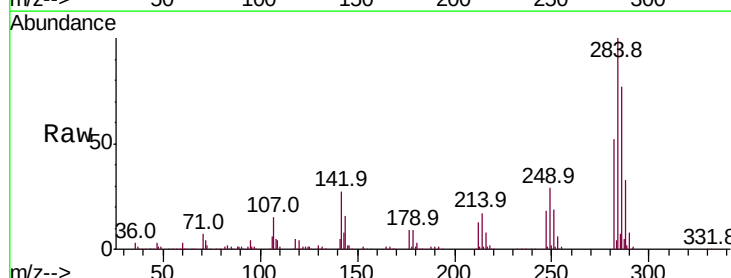
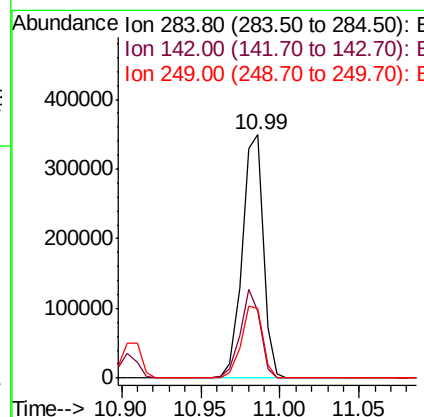
RT: 10.99 min Scan# 1513

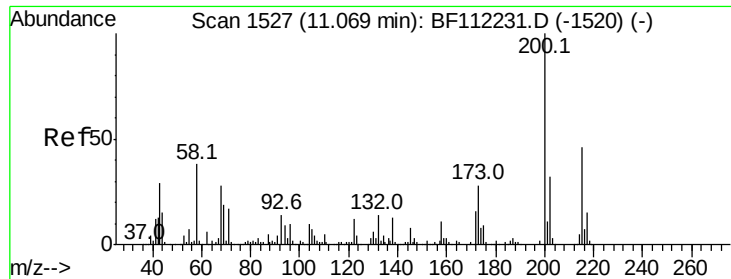
Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	27.6	41.4#
249	28.8	24.1	36.1





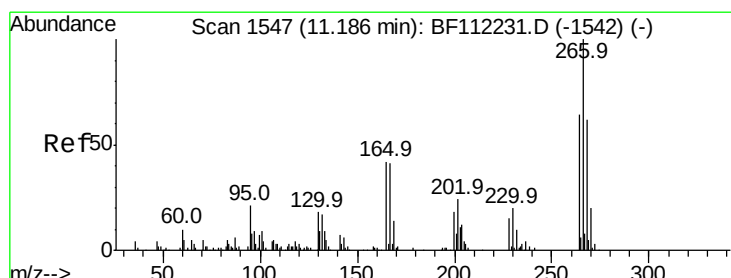
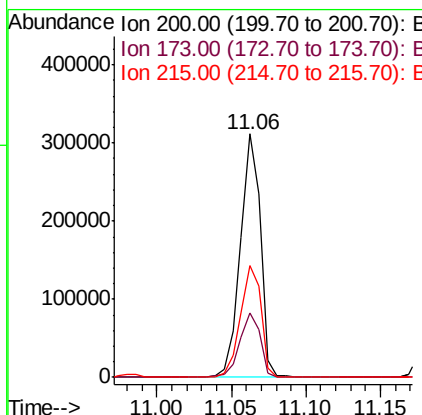
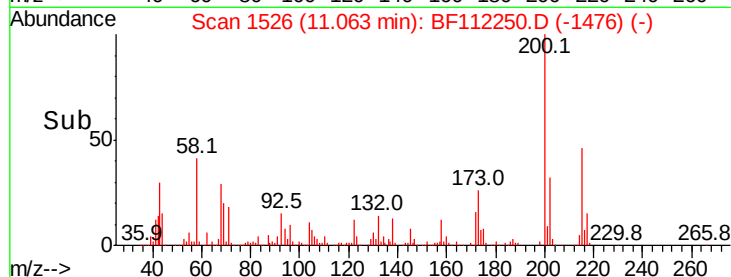
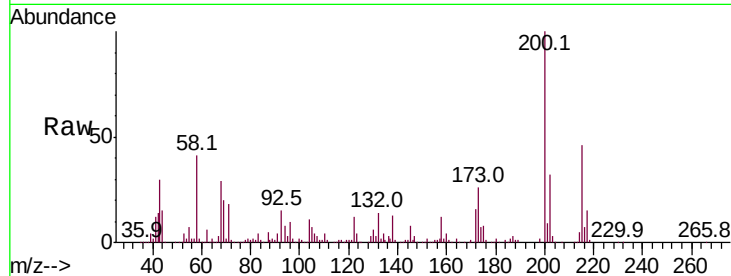
#69
Atrazine
Concen: 42.657 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	292268		
173	26.4	7.1	47.1	
215	46.1	30.4	70.4	

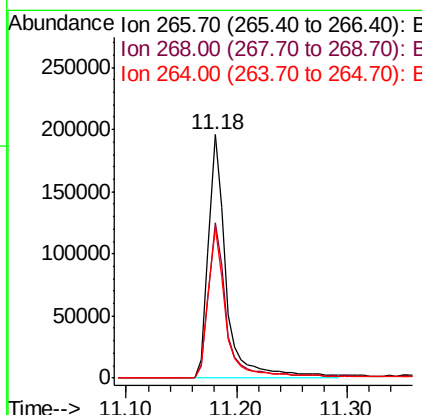
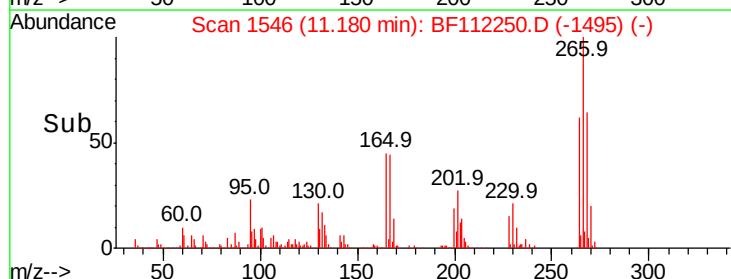
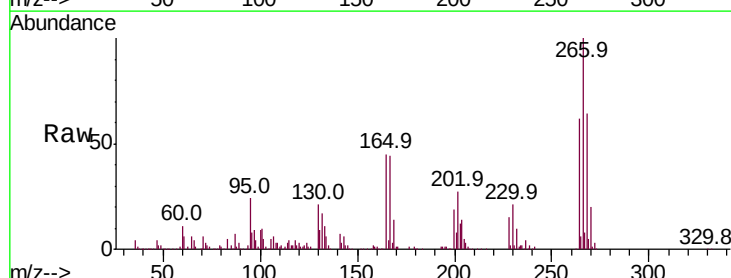
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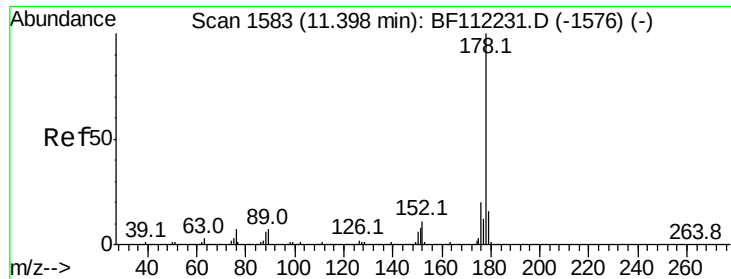
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#70
Pentachlorophenol
Concen: 69.527 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	215079		
268	63.7	51.2	76.8	
264	61.9	50.9	76.3	





#71

Phenanthrene

Concen: 41.201 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion:178 Resp: 1349528

Ion Ratio Lower Upper

178 100

176 19.9 16.3 24.5

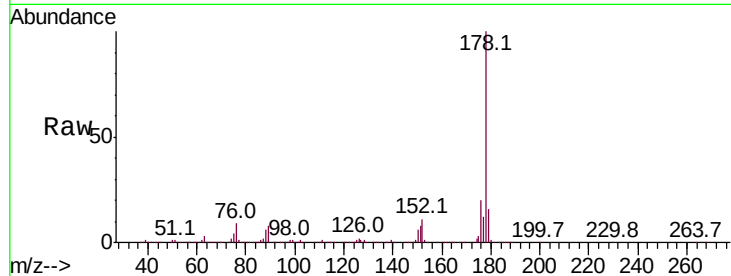
179 16.2 13.0 19.4

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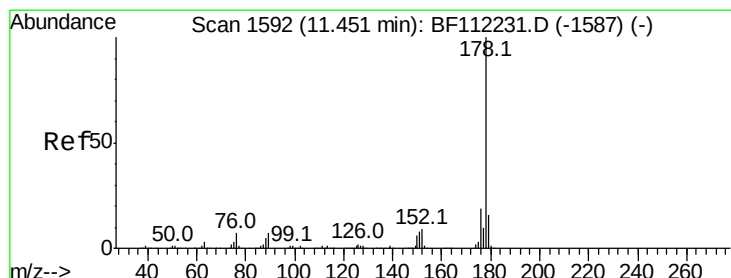
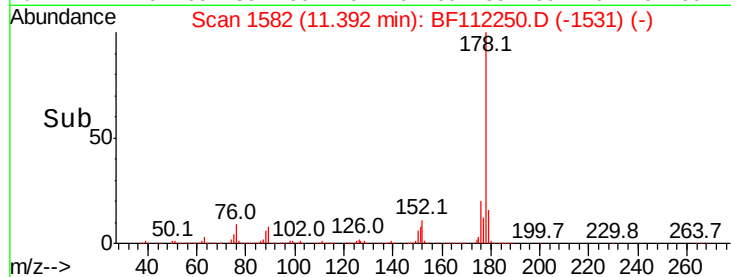
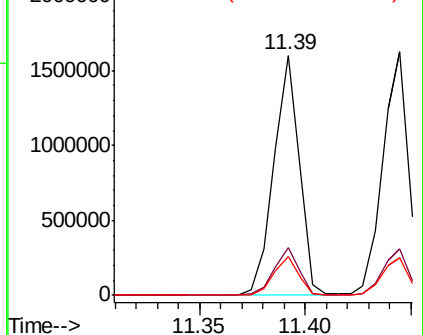
1/29/2019 12:31:50 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.028 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:178 Resp: 1403905

Ion Ratio Lower Upper

178 100

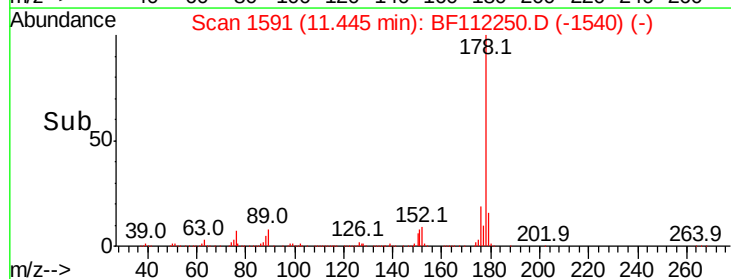
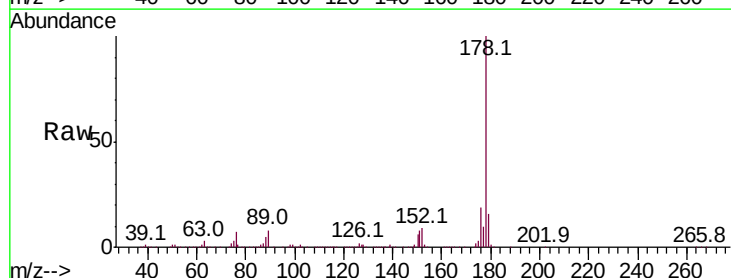
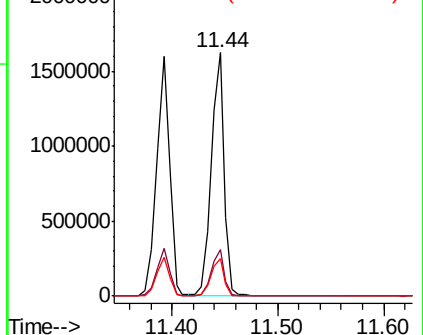
176 18.9 15.5 23.3

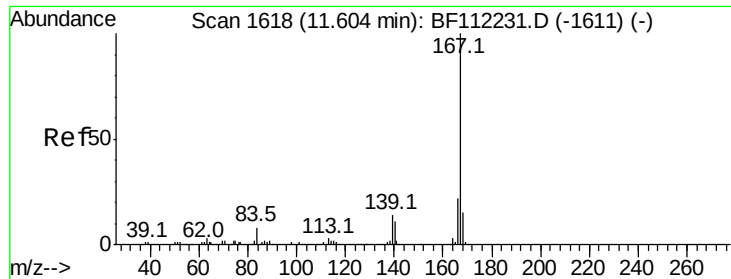
179 15.6 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





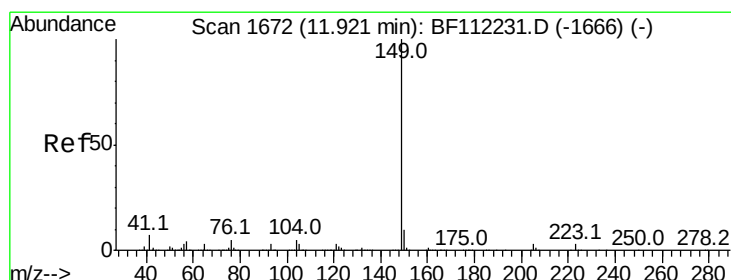
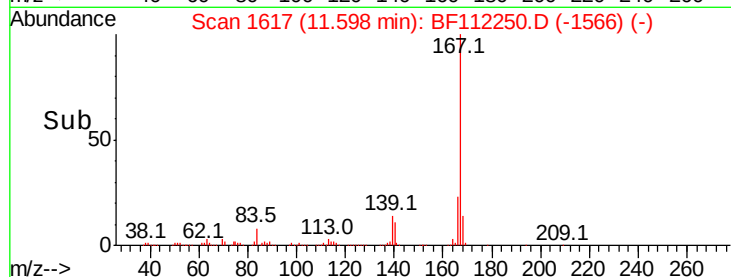
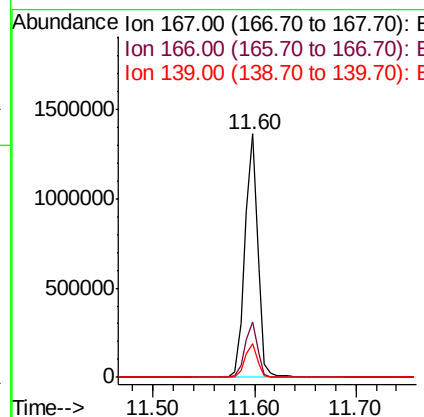
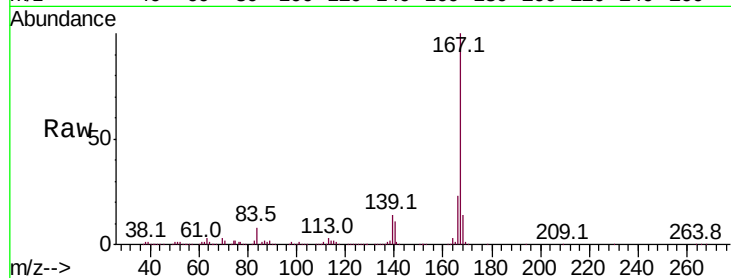
#73
 Carbazole
 Concen: 37.193 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	13.7	10.2	15.2

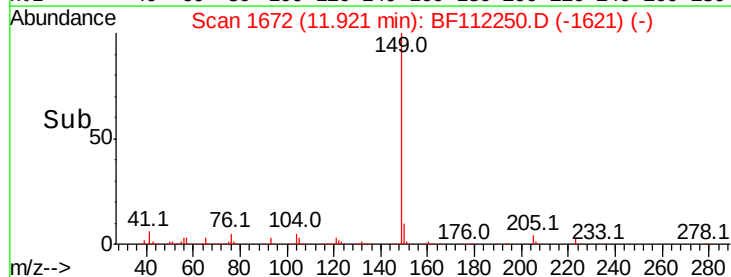
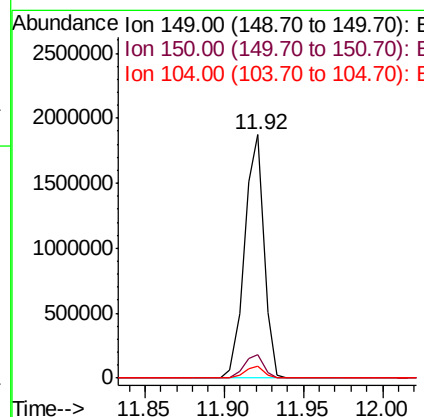
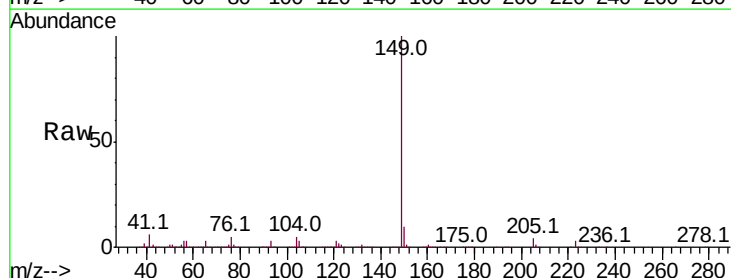
Manual Integrations
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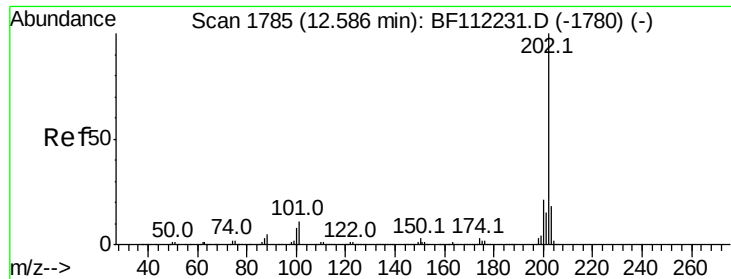
mohammad
 1/29/2019 12:31:50 AM



#74
 Di-n-butylphthalate
 Concen: 39.634 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 36.720 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

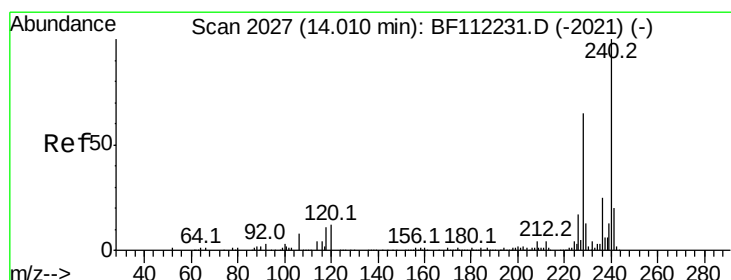
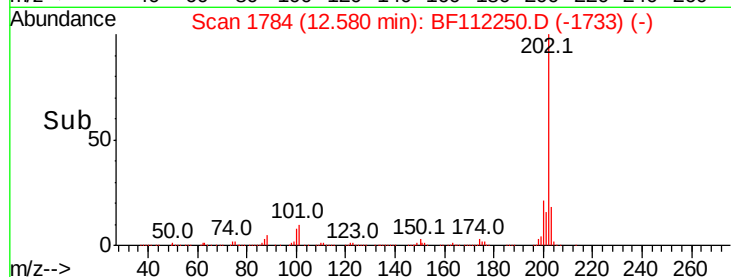
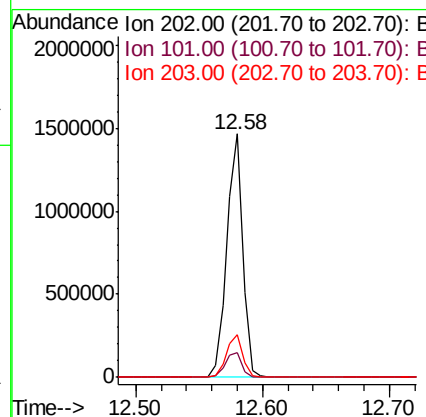
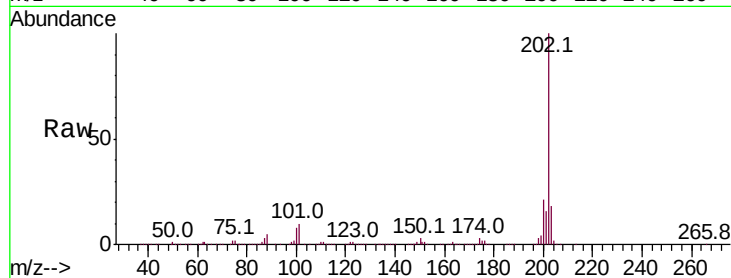
ClientSampleId :

BU-02-012319MSD

Tot Ion:	202	Resp:	1290014
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	31.8
203	17.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

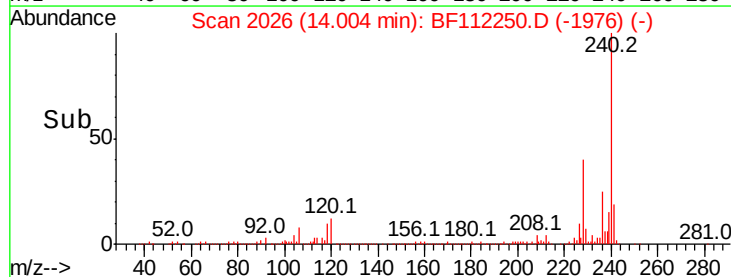
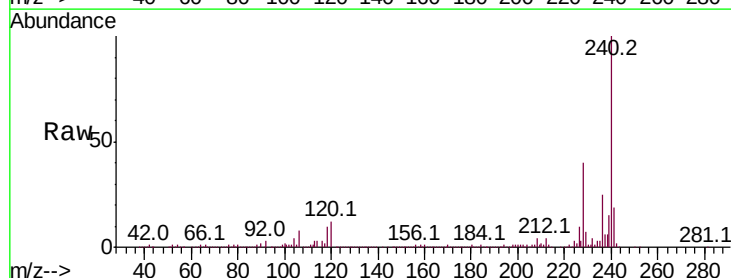
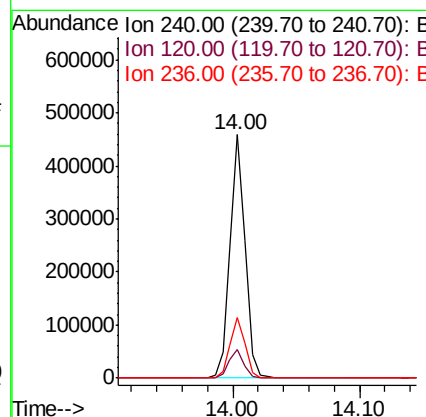
RT: 14.00 min Scan# 2026

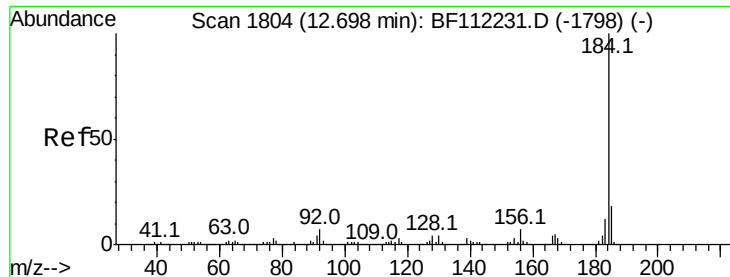
Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:	240	Resp:	378393
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.0	13.6
236	24.7	20.7	31.1





#77

Benzidine

Concen: 14.904 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

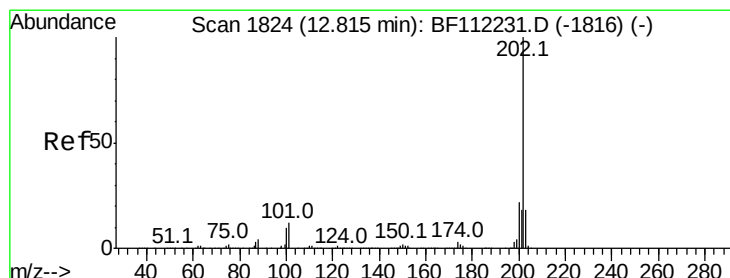
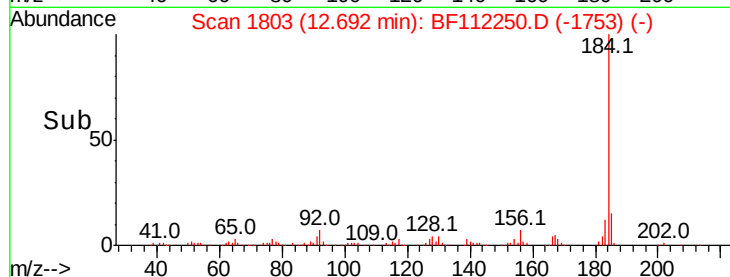
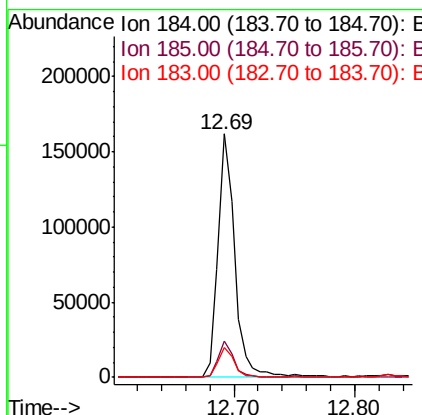
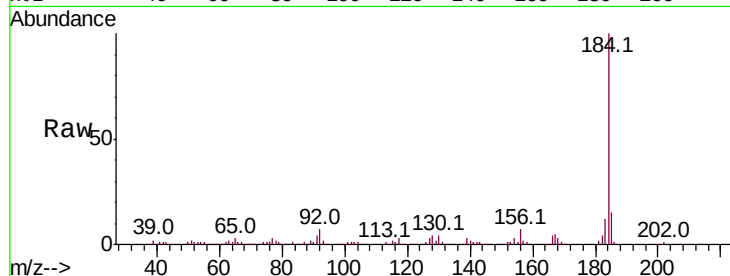
ClientSampleId :

BU-02-012319MSD

Tot Ion:	184	Resp:	155224
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.9	20.9
183	12.4	10.0	15.0

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#78

Pyrene

Concen: 47.409 ng

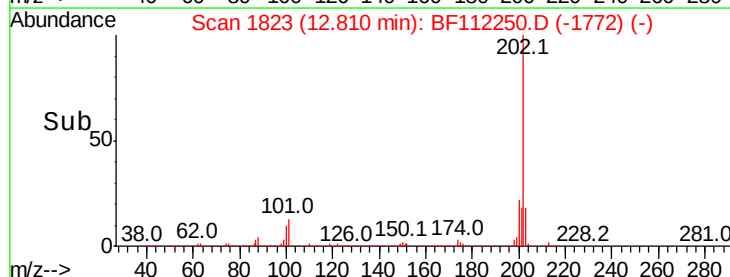
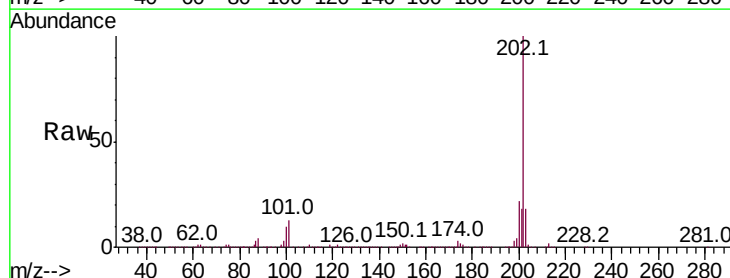
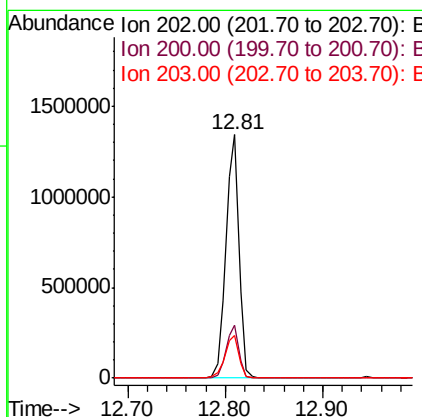
RT: 12.81 min Scan# 1823

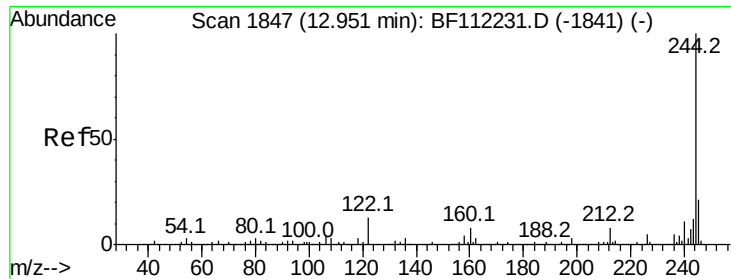
Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:	202	Resp:	1242002
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.7	14.6	22.0





#79

Terphenyl-d14

Concen: 88.241 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tot Ion:244 Resp: 1772800

Ion Ratio Lower Upper

244 100

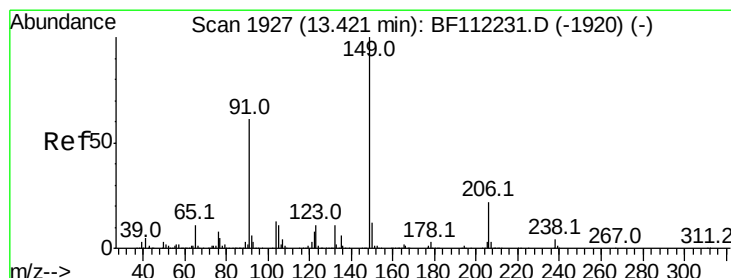
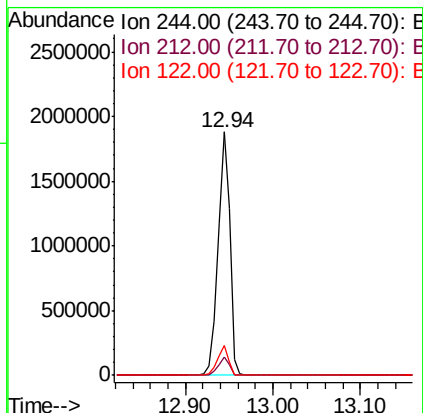
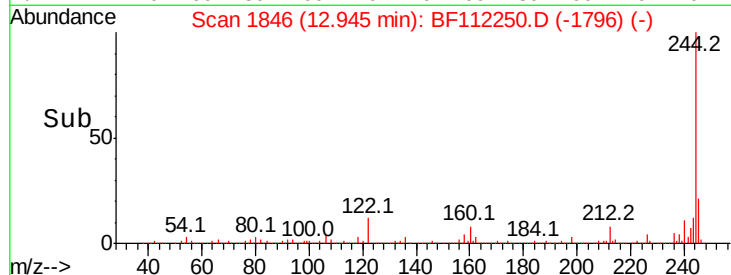
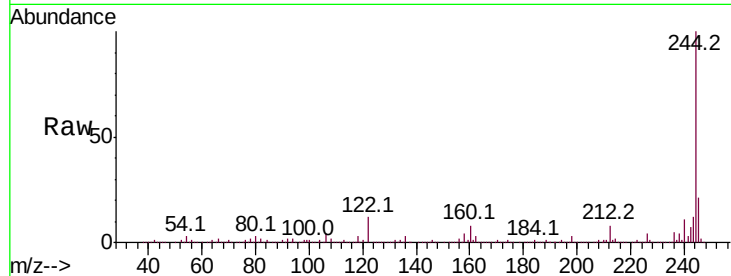
212 7.5 5.9 8.9

122 12.2 9.8 14.6

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#80

Butylbenzylphthalate

Concen: 46.131 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

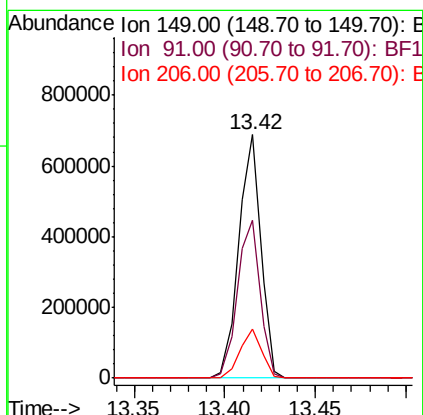
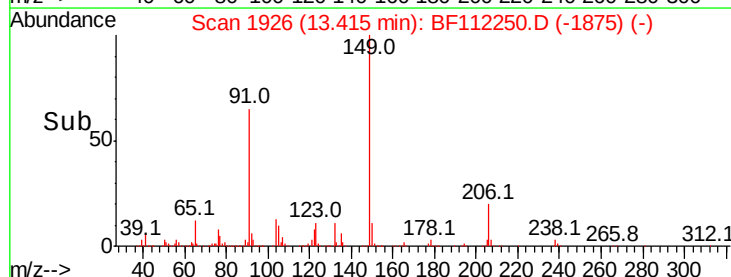
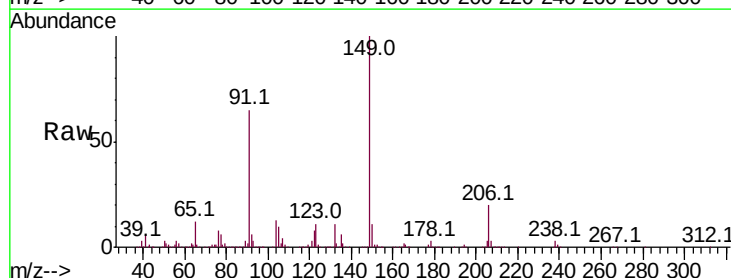
Tgt Ion:149 Resp: 584714

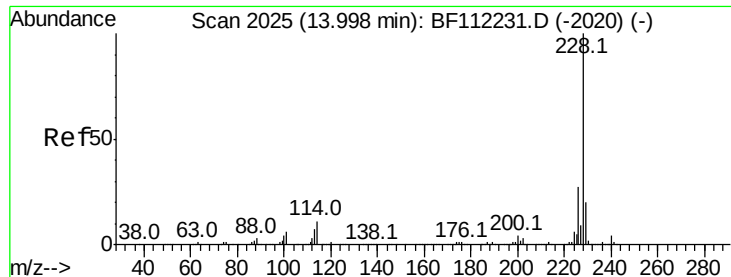
Ion Ratio Lower Upper

149 100

91 65.0 50.3 75.5

206 20.2 18.2 27.4





#81

Benzo(a)anthracene

Concen: 42.080 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

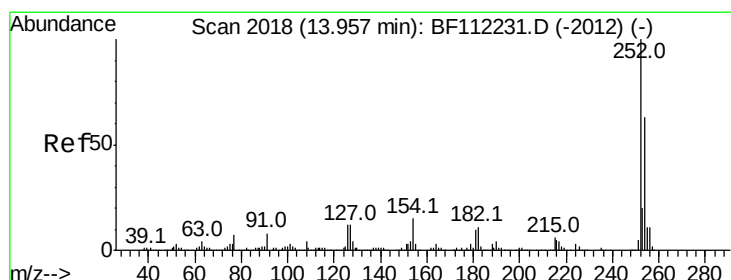
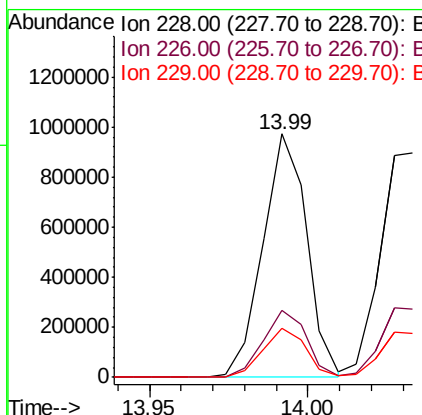
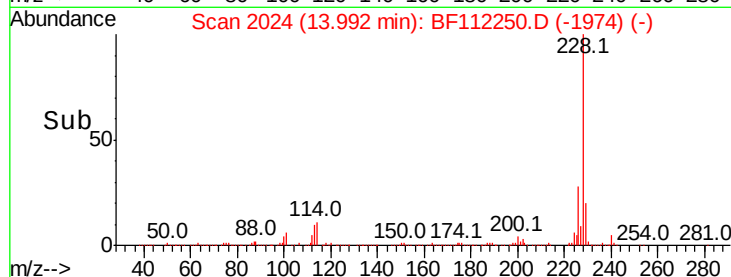
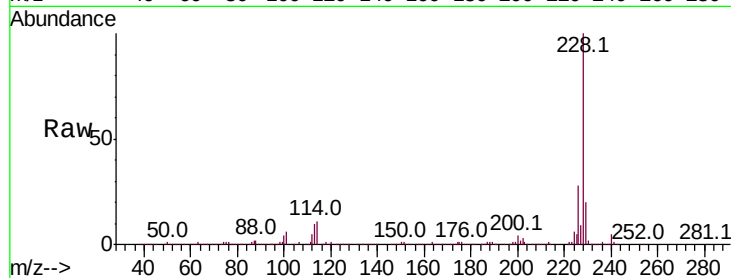
ClientSampleId :

BU-02-012319MSD

Tot Ion:	228	Resp:	936015
Ion Ratio		Lower	Upper
228	100		
226	27.5	22.6	34.0
229	20.0	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 9.877 ng

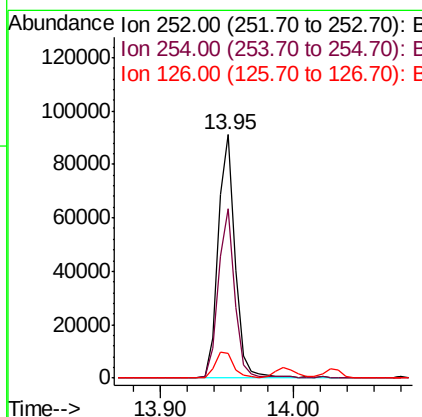
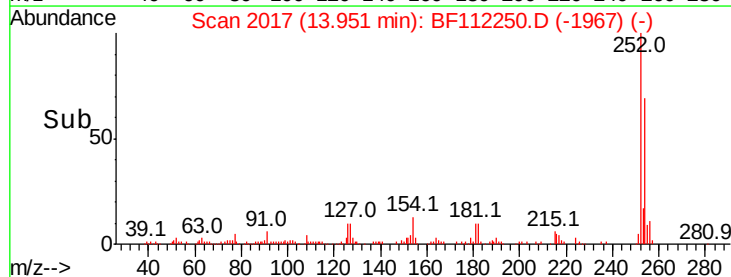
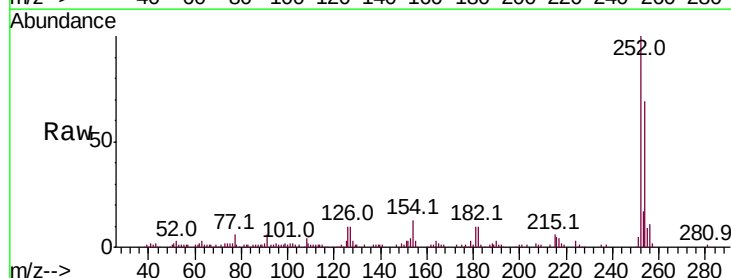
RT: 13.95 min Scan# 2017

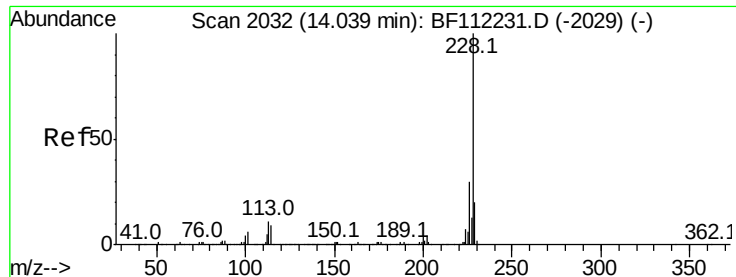
Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:	252	Resp:	82225
Ion Ratio		Lower	Upper
252	100		
254	69.3	51.6	77.4
126	10.2	8.6	12.8





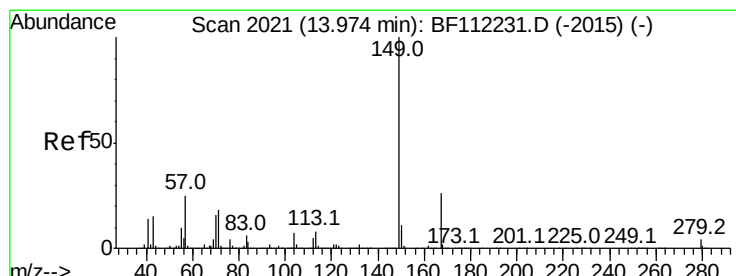
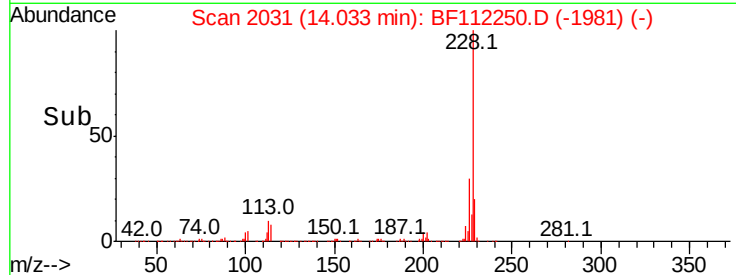
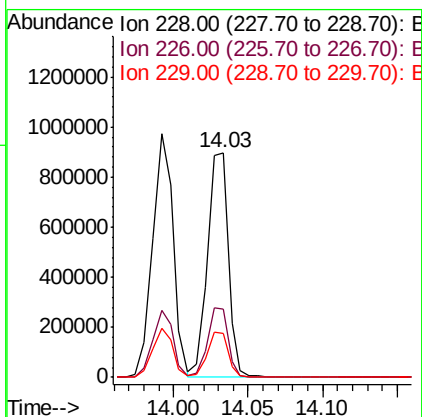
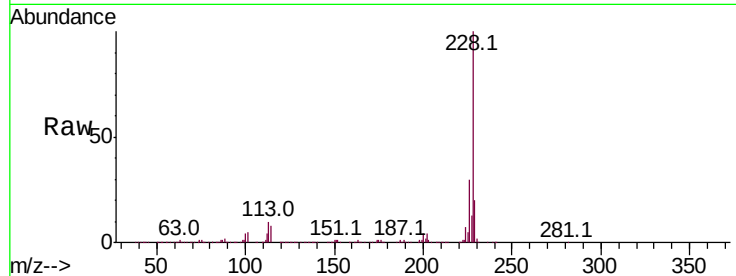
#83
Chrysene
Concen: 40.876 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.8	16.6	24.8

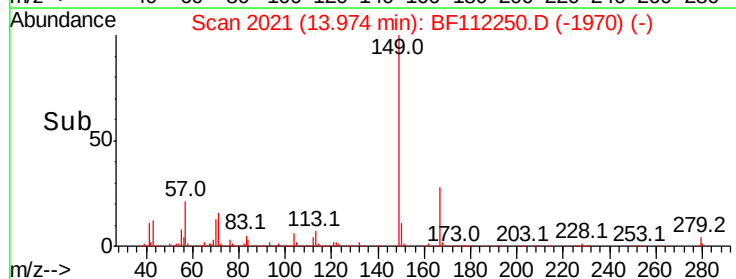
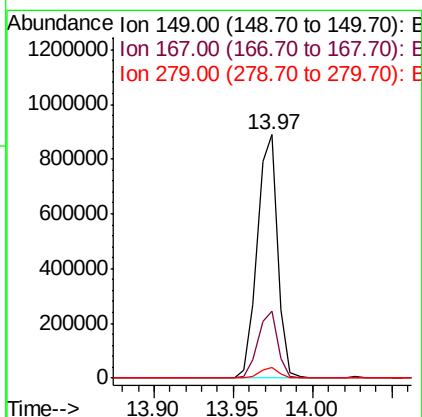
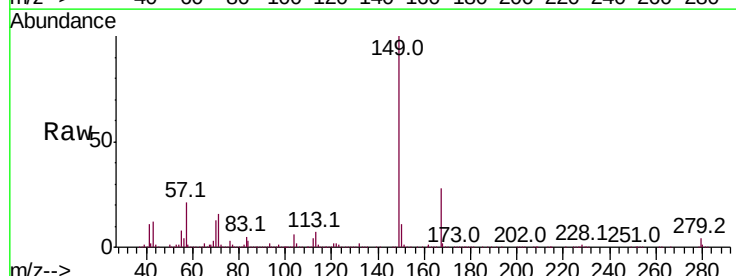
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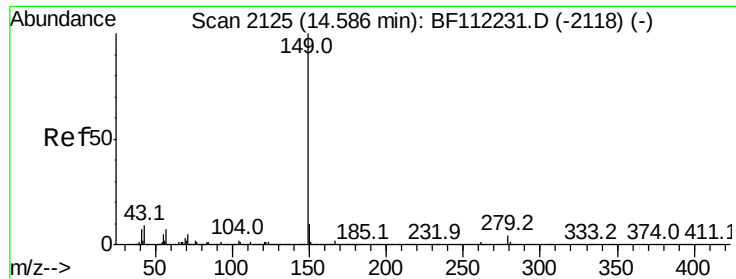
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.301 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	4.5	3.8	5.6





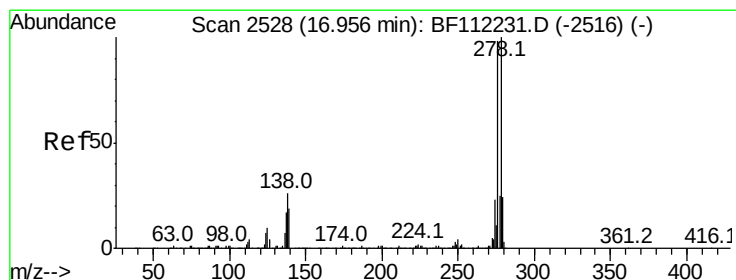
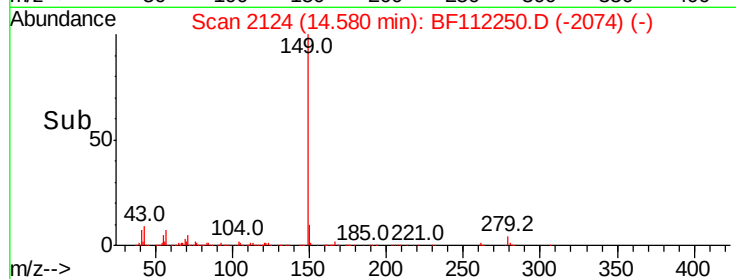
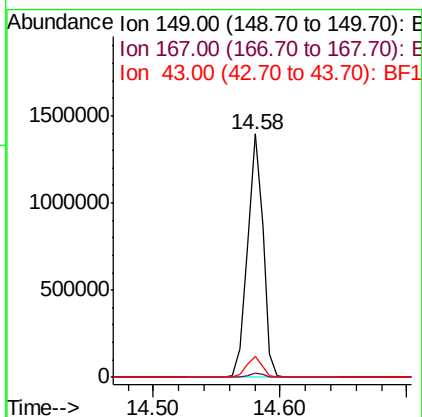
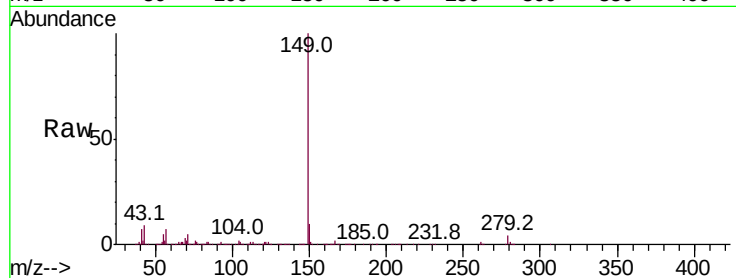
#85
Di-n-octyl phthalate
Concen: 42.738 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.5	7.8	11.6

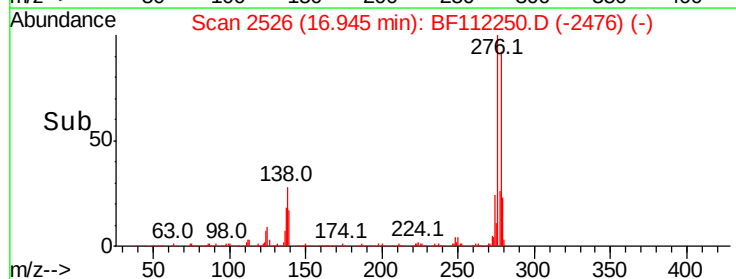
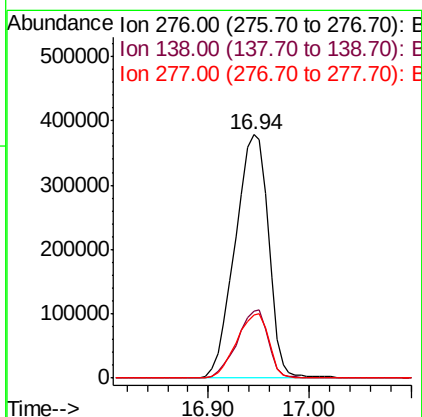
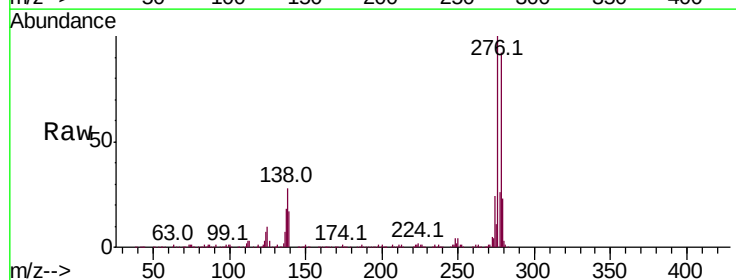
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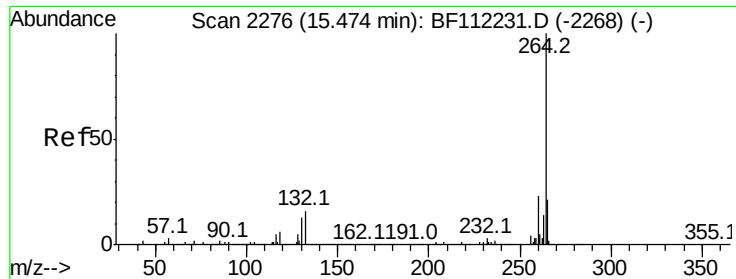
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.689 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.6	34.0
277	26.0	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

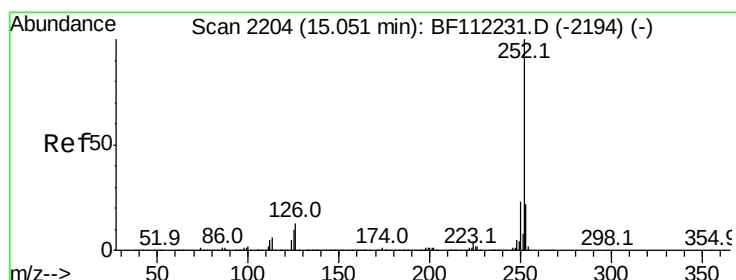
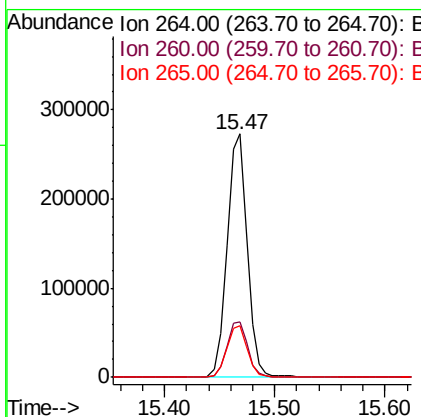
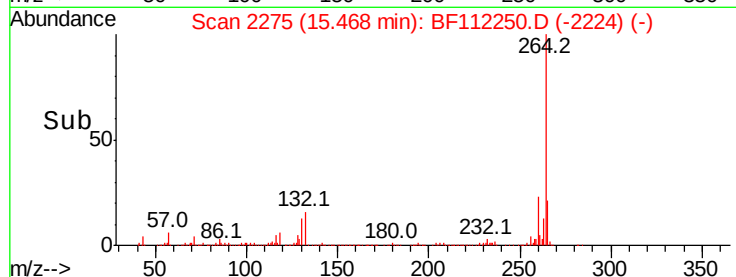
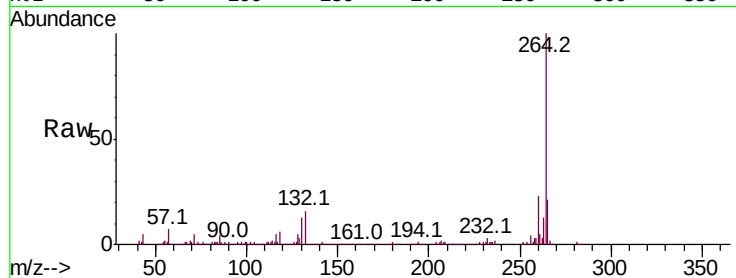
ClientSampleId :

BU-02-012319MSD

Tot Ion:	264	Resp:	350634
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.2
265	21.3	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 42.213 ng

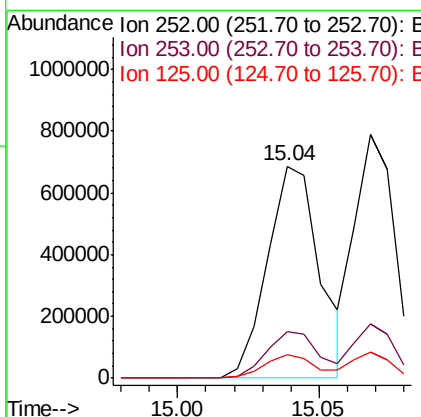
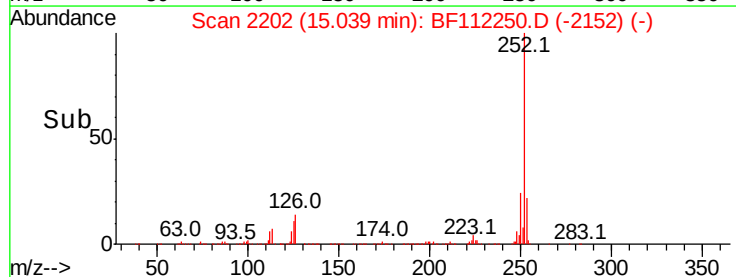
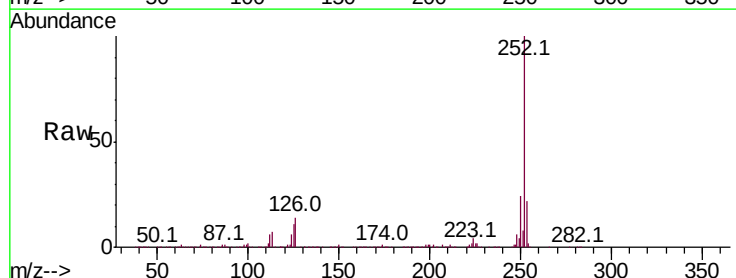
RT: 15.04 min Scan# 2202

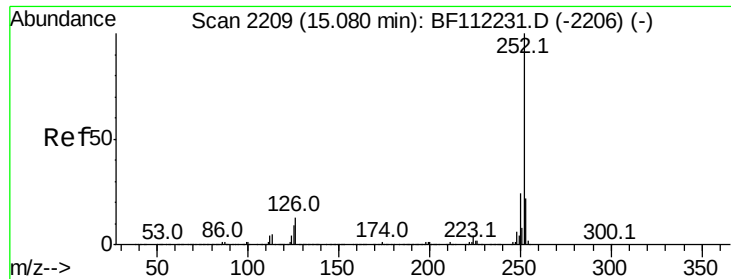
Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:	252	Resp:	885195
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	11.0	8.7	13.1





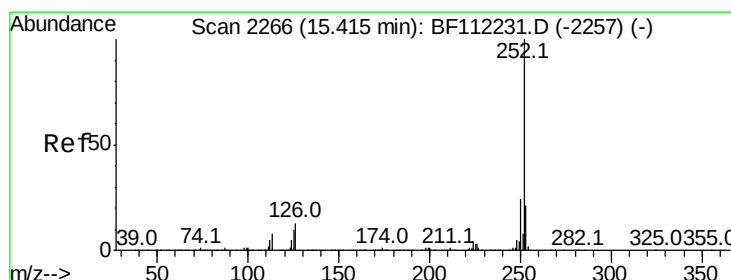
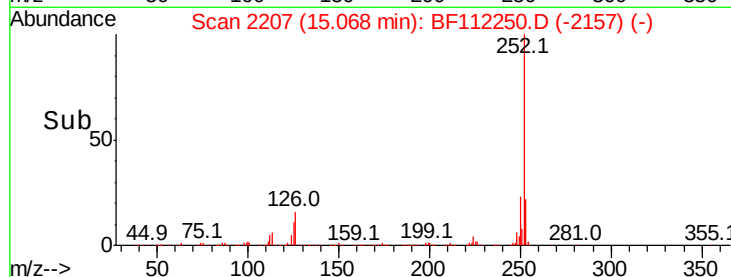
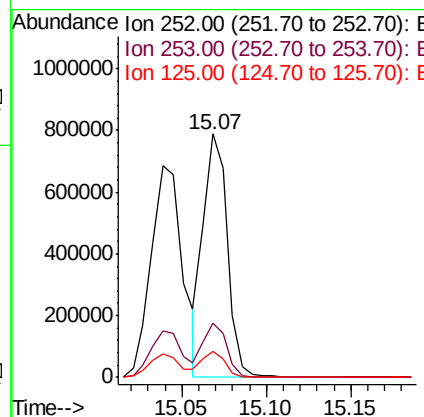
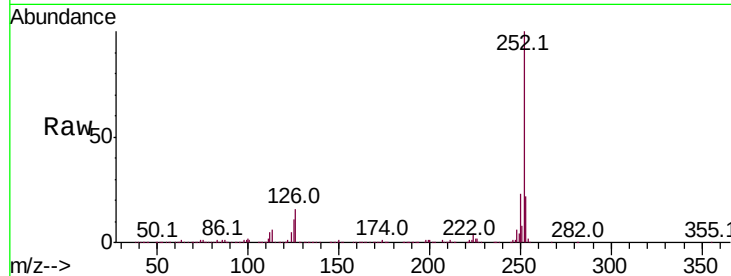
#89
Benzo(k)fluoranthene
Concen: 38.754 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.8	9.1	13.7

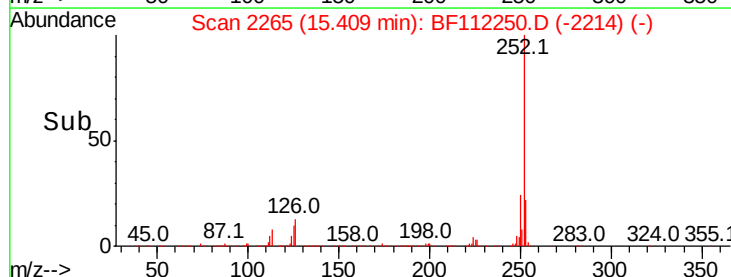
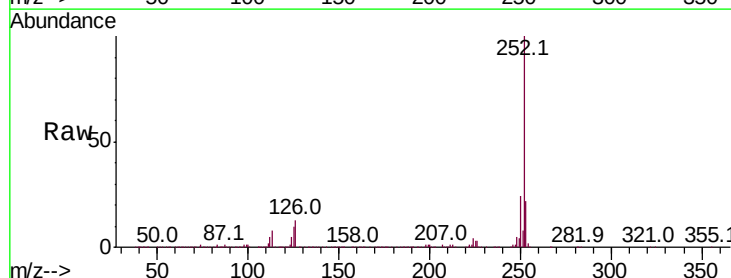
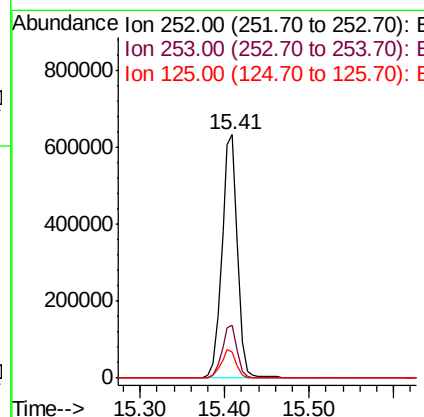
Manual Integrations
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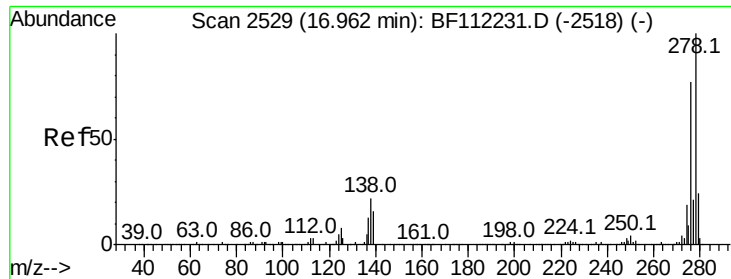
mohammad
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#90
Benzo(a)pyrene
Concen: 43.510 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.4	9.0	13.4





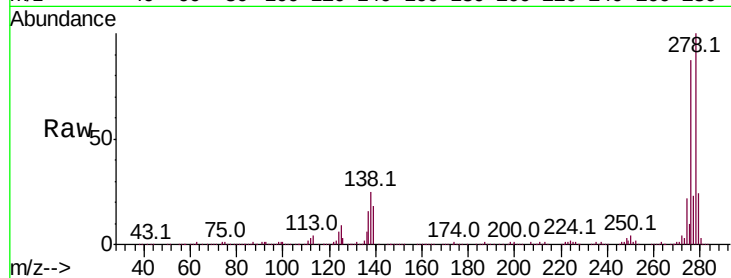
#91
Dibenzo(a,h)anthracene
Concen: 48.144 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.7	20.5
279	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/29/2019 12:31:50 AM

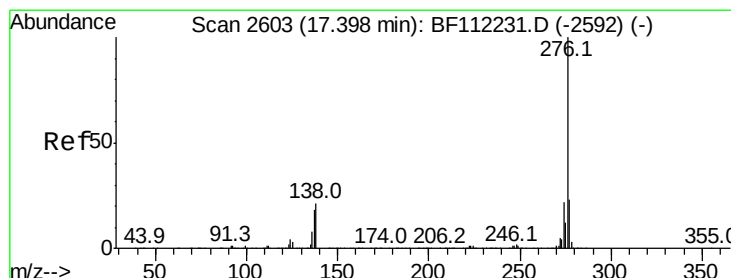
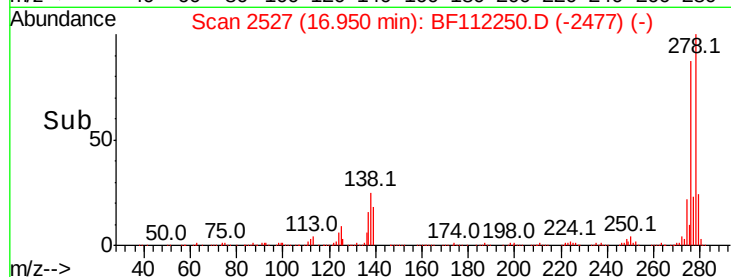
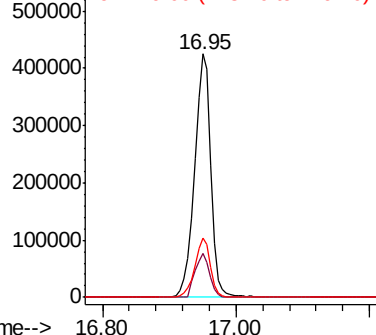


Abundance

Ion 278.00 (277.70 to 278.70): E

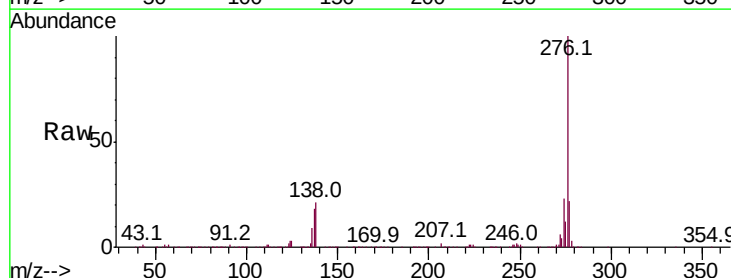
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.344 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.4	29.0
138	21.2	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

