

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115404.D
 Acq On : 8 Jul 2019 14:08
 Operator : HP/JU
 Sample : PB121094BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Manual Integrations
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mohammad
 7/10/2019 9:04:23 AM

Quant Time: Jul 09 08:34:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181641	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	724919	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	356642	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	670957	20.00	ng	0.00
76) Chrysene-d12	14.06	240	459608	20.00	ng	-0.01
87) Perylene-d12	15.56	264	415010	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1423609	121.09	ng	0.01
7) Phenol-d6	6.53	99	1806899	120.85	ng	0.00
23) Nitrobenzene-d5	7.46	82	1085194	88.45	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	508547	128.97	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1924126	94.67	ng	0.00
79) Terphenyl-d14	13.00	244	1986898	88.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	243813	42.280	ng	99
3) Pyridine	3.57	79	625391	39.221	ng	100
4) n-Nitrosodimethylamine	3.53	42	261482	40.439	ng	97
6) Aniline	6.56	93	662047	31.377	ng	99
8) 2-Chlorophenol	6.69	128	568025	42.789	ng	99
9) Benzaldehyde	6.45	77	323805	37.110	ng	97
10) Phenol	6.54	94	736011	41.142	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	555175	41.833	ng	98
12) 1,3-Dichlorobenzene	6.84	146	612196	42.093	ng	99
13) 1,4-Dichlorobenzene	6.92	146	618483	42.455	ng	98
14) 1,2-Dichlorobenzene	7.07	146	572000	42.409	ng	99
15) Benzyl Alcohol	7.03	79	508585	42.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	753671	40.615	ng	100
17) 2-Methylphenol	7.15	107	486852	42.809	ng	99
18) Hexachloroethane	7.42	117	227171	41.860	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	408274	40.361	ng	100
20) 3+4-Methylphenols	7.30	107	577605	42.996	ng	98
22) Acetophenone	7.30	105	792873	45.645	ng	# 97
24) Nitrobenzene	7.47	77	626819	45.236	ng	99
25) Isophorone	7.72	82	1140777	42.895	ng	99
26) 2-Nitrophenol	7.79	139	303320	53.245	ng	96
27) 2,4-Dimethylphenol	7.83	122	552190	50.833	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	700456	42.713	ng	98
29) 2,4-Dichlorophenol	8.03	162	492531	45.523	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	534923	44.411	ng	99
31) Naphthalene	8.20	128	1635449	45.421	ng	99
32) Benzoic acid	7.96	122	380772	48.102	ng	97
33) 4-Chloroaniline	8.24	127	374635	23.319	ng	99
34) Hexachlorobutadiene	8.32	225	299011	43.774	ng	99
35) Caprolactam	8.62	113	158830m	45.073	ng	
36) 4-Chloro-3-methylphenol	8.73	107	506374	44.247	ng	97
37) 2-Methylnaphthalene	8.89	142	1097712	45.610	ng	99
38) 1-Methylnaphthalene	8.99	142	1027990	44.767	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	482530	47.030	ng	99

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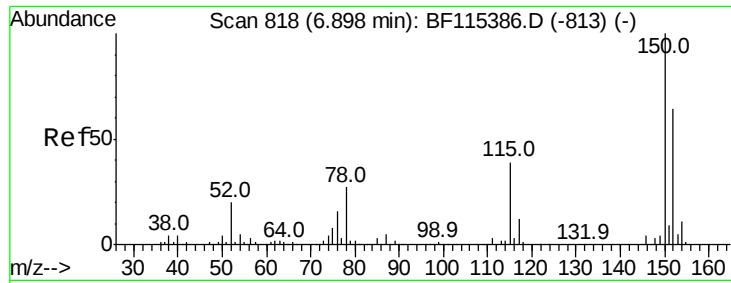
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	553663	93.105	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	355152	47.546	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	353832	45.683	ng	99
46) 1,1'-Biphenyl	9.36	154	1309812	46.717	ng	99
47) 2-Chloronaphthalene	9.38	162	1035112	44.670	ng	99
48) 2-Nitroaniline	9.47	65	319843	46.980	ng	95
49) Acenaphthylene	9.80	152	1573374	44.846	ng	99
50) Dimethylphthalate	9.66	163	1167297	43.607	ng	100
51) 2,6-Dinitrotoluene	9.71	165	271971	46.847	ng	99
52) Acenaphthene	9.97	154	1091742	49.444	ng	99
53) 3-Nitroaniline	9.87	138	199446	29.579	ng	97
54) 2,4-Dinitrophenol	9.99	184	259851	100.881	ng	94
55) Dibenzofuran	10.14	168	1405261	45.180	ng	99
56) 4-Nitrophenol	10.04	139	470455	90.181	ng	99
57) 2,4-Dinitrotoluene	10.12	165	360541	48.867	ng	91
58) Fluorene	10.49	166	1044320	42.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	309505	46.257	ng	100
60) Diethylphthalate	10.36	149	1134373	43.053	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	525098	43.878	ng	97
62) 4-Nitroaniline	10.50	138	286865	43.343	ng	97
63) Azobenzene	10.63	77	1176997	43.336	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	171337	52.465	ng	85
66) n-Nitrosodiphenylamine	10.59	169	966511	45.718	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	336552	44.703	ng	94
68) Hexachlorobenzene	11.03	284	374738	44.358	ng	96
69) Atrazine	11.12	200	315164	48.171	ng	98
70) Pentachlorophenol	11.22	266	454195	88.219	ng	100
71) Phenanthrene	11.44	178	1589902	45.056	ng	100
72) Anthracene	11.50	178	1625173	45.928	ng	99
73) Carbazole	11.64	167	1432703	44.258	ng	100
74) Di-n-butylphthalate	11.98	149	1708327	43.665	ng	99
75) Fluoranthene	12.63	202	1659339	44.661	ng	97
77) Benzidine	12.74	184	779695	43.503	ng	99
78) Pyrene	12.86	202	1668835	46.692	ng	98
80) Butylbenzylphthalate	13.47	149	731192	46.823	ng	100
81) Benzo(a)anthracene	14.05	228	1316034	44.689	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	372501	34.860	ng	97
83) Chrysene	14.09	228	1349709	44.607	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	903636	46.726	ng	99
85) Di-n-octyl phthalate	14.68	149	1569555	45.590	ng	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	1129833	45.680	ng	100
88) Benzo(b)fluoranthene	15.13	252	1215783	44.994	ng	99
89) Benzo(k)fluoranthene	15.16	252	1126676	46.885	ng	99
90) Benzo(a)pyrene	15.50	252	1084759	46.545	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	949248	47.664	ng	98
92) Benzo(g,h,i)perylene	17.50	276	936511	49.682	ng	99

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



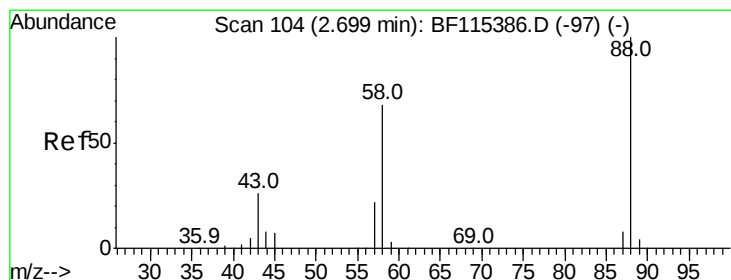
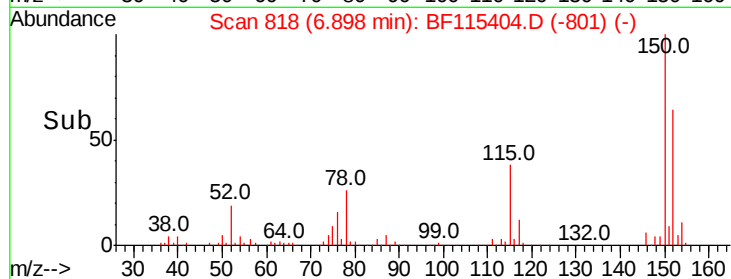
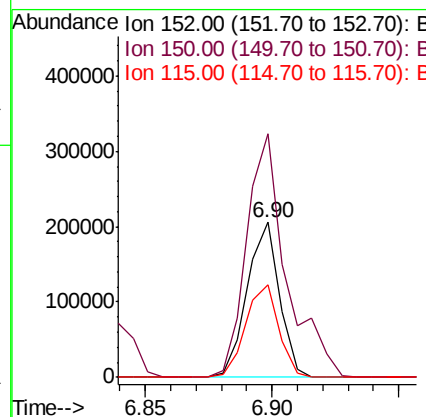
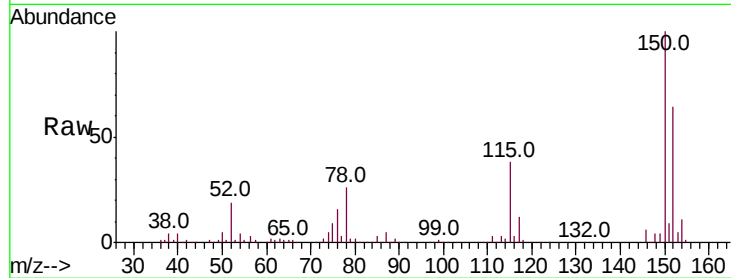
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.1	187.7
115	59.7	50.2	75.2

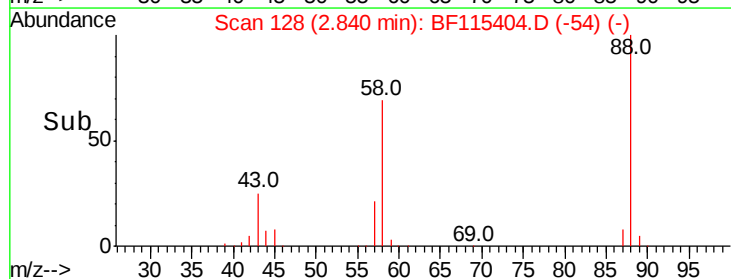
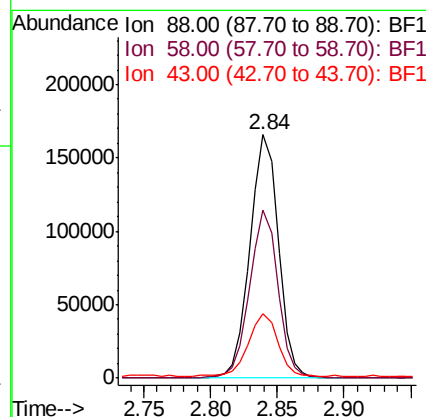
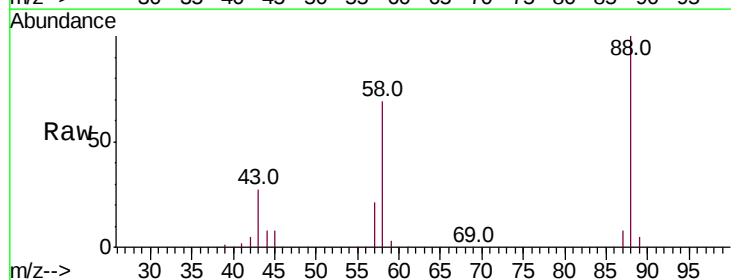
Manual Integrations
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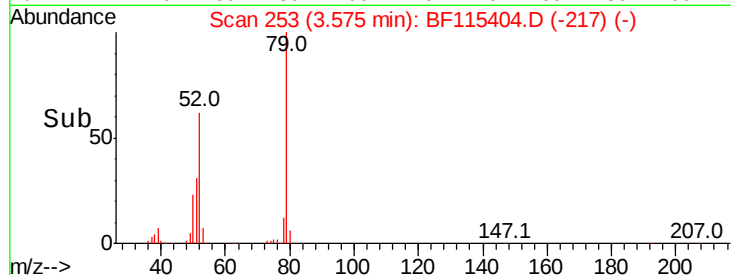
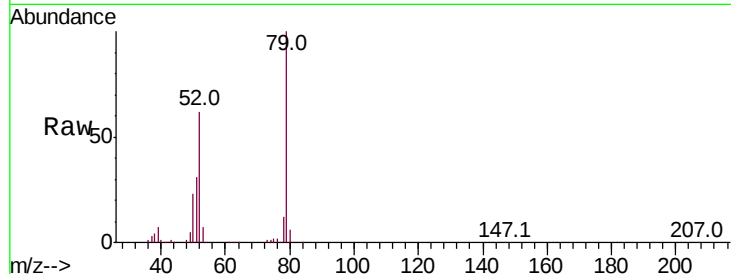
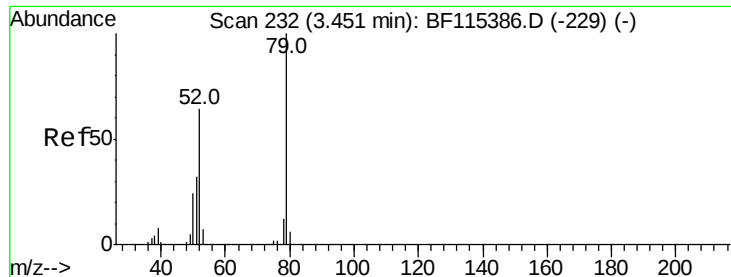
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#2
 1,4-Dioxane
 Concen: 42.280 ng
 RT: 2.84 min Scan# 128
 Delta R.T. 0.14 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	54.4	81.6
43	26.3	20.7	31.1





#3

Pvridine

Concen: 39.221 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.11 min

Lab File: BF115404.D

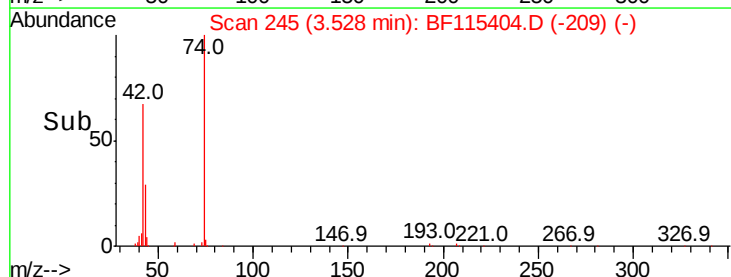
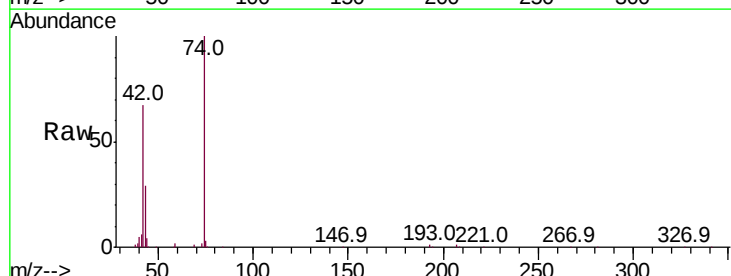
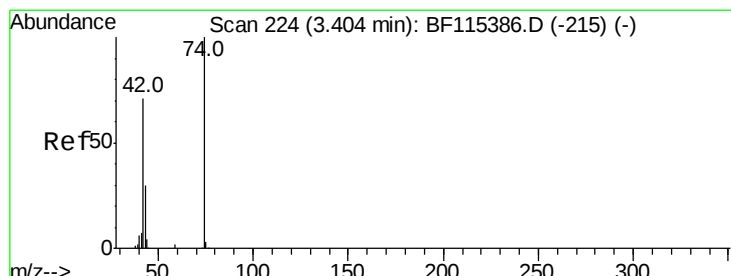
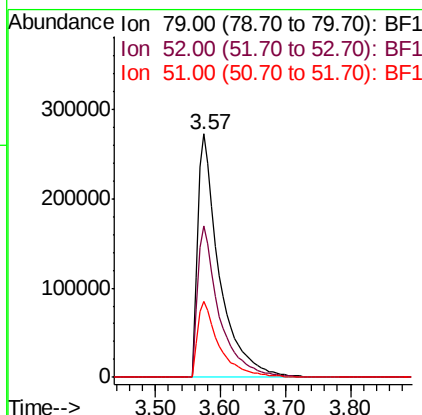
Acq: 8 Jul 2019 14:08

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.1	49.9	74.9
51	31.0	25.0	37.6

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.439 ng

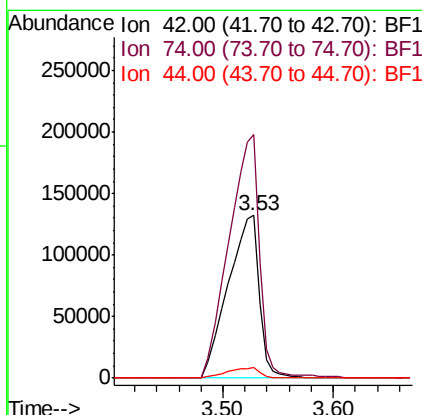
RT: 3.53 min Scan# 245

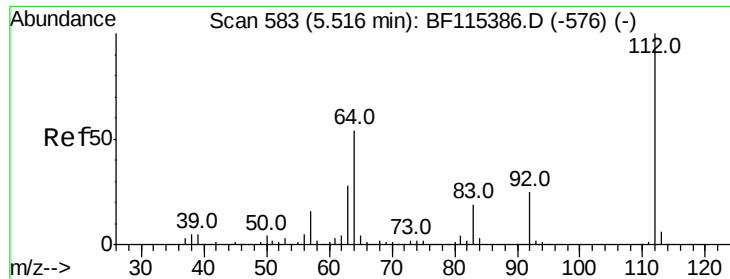
Delta R.T. 0.11 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.8	116.6	174.8
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 121.092 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

PB121094BS

Tot Ion:112 Resp: 1423609

Ion Ratio Lower Upper

112 100

64 58.3 43.4 65.2

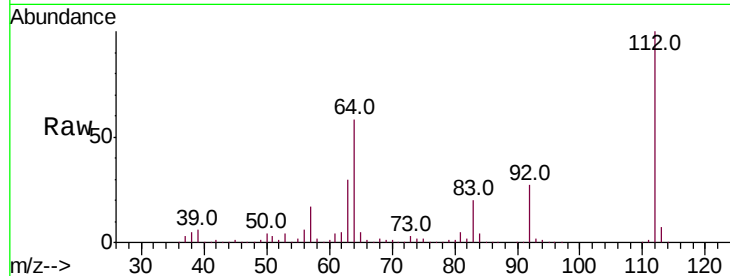
63 29.8 22.4 33.6

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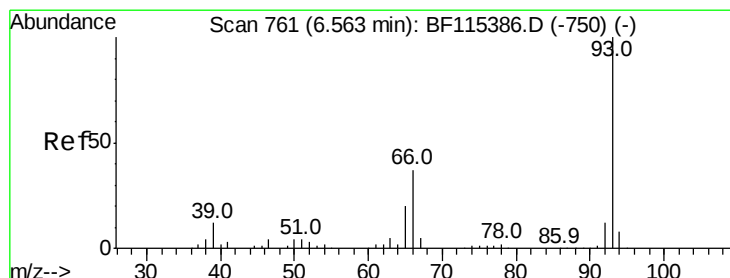
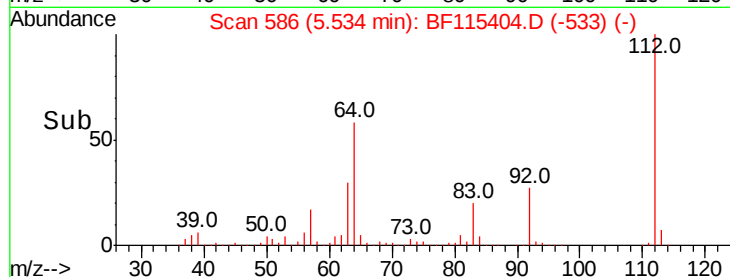
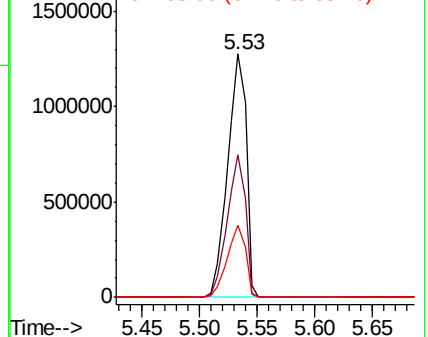
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.377 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

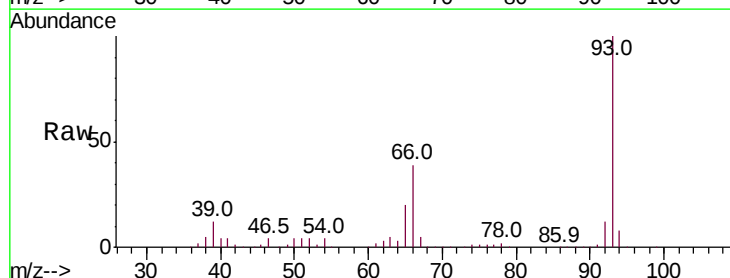
Tgt Ion: 93 Resp: 662047

Ion Ratio Lower Upper

93 100

66 39.0 31.4 47.2

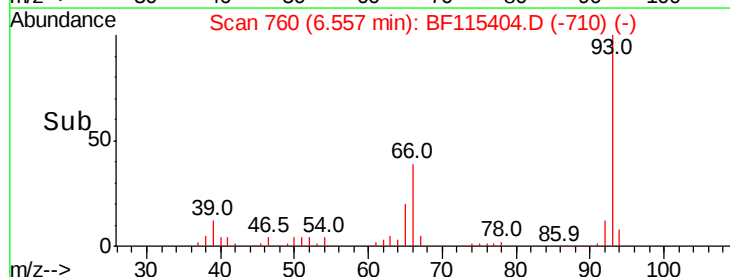
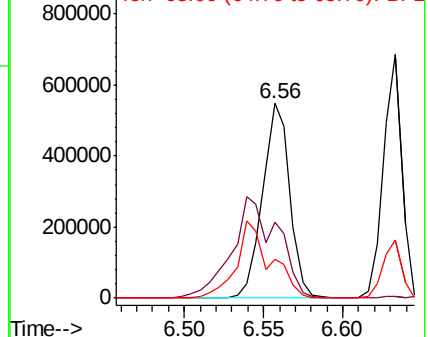
65 20.0 16.2 24.2

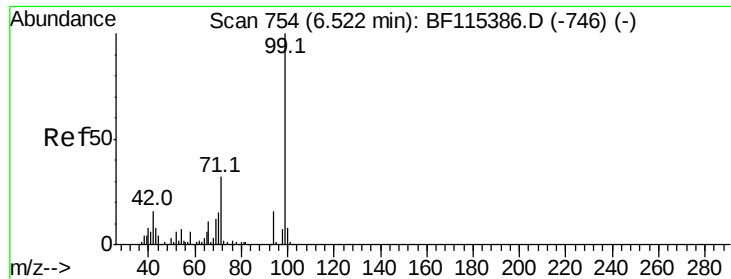


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.848 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

PB121094BS

Tot Ion: 99 Resp: 1806899

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.0

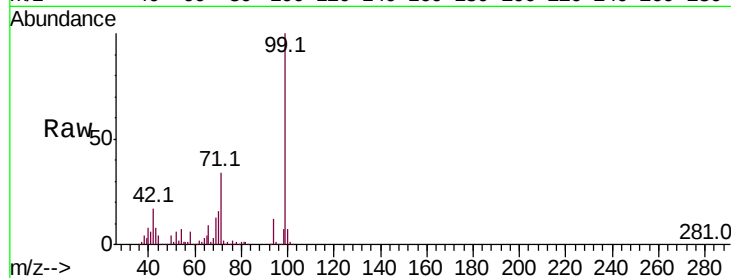
71 33.6 26.5 39.7

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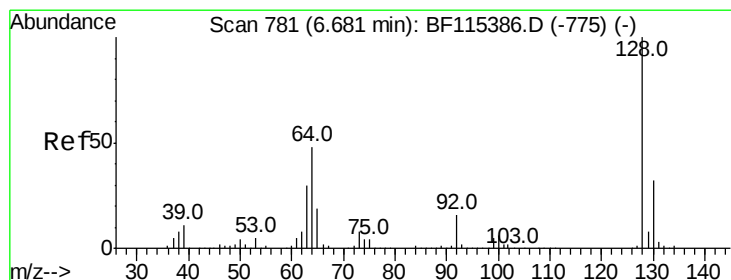
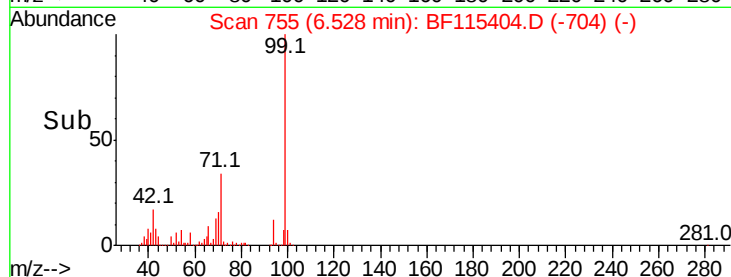
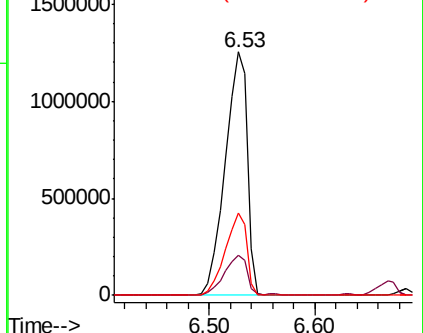
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.789 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

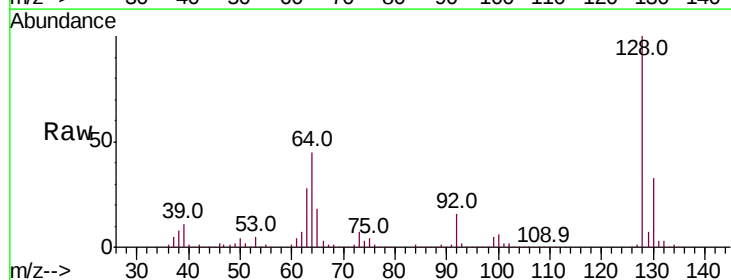
Tgt Ion:128 Resp: 568025

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

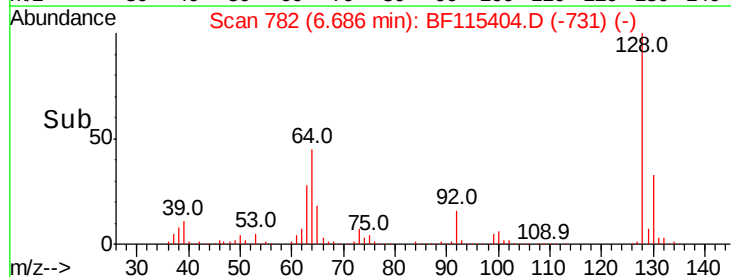
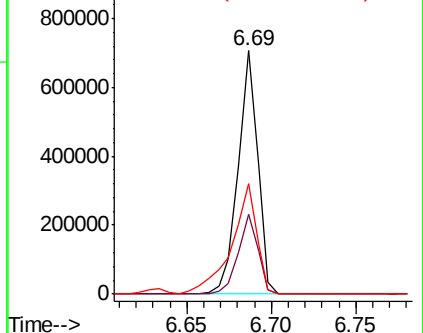
64 45.5 26.6 66.6

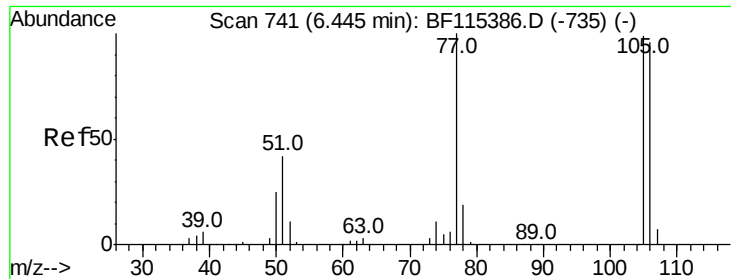


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.110 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

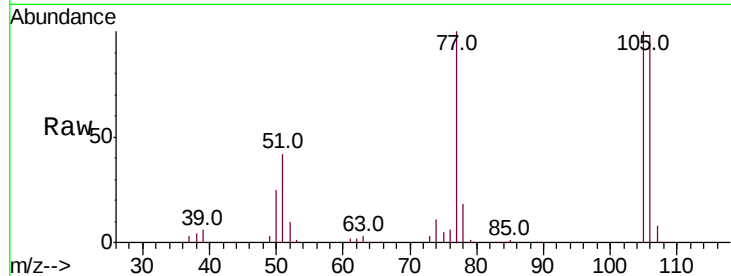
ClientSampleID :

PB121094BS

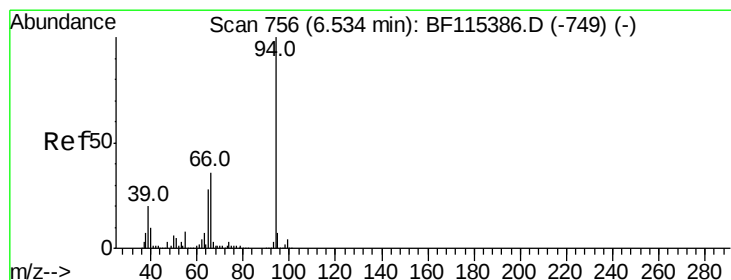
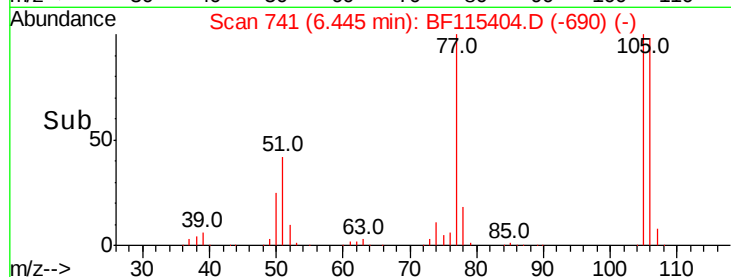
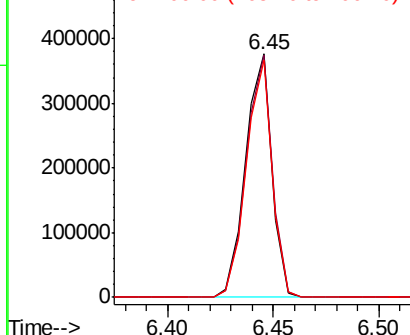
Tot Ion:	77	Resp:	323805
Ion	Ratio	Lower	Upper
77	100		
105	99.8	77.6	117.6
106	97.5	73.3	113.3

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



#10

Phenol

Concen: 41.142 ng

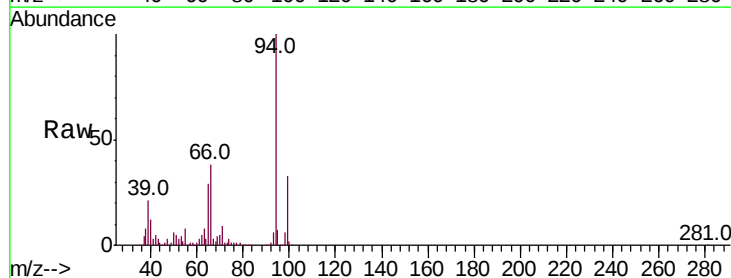
RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

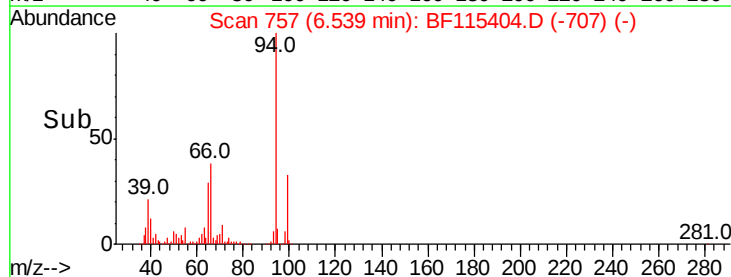
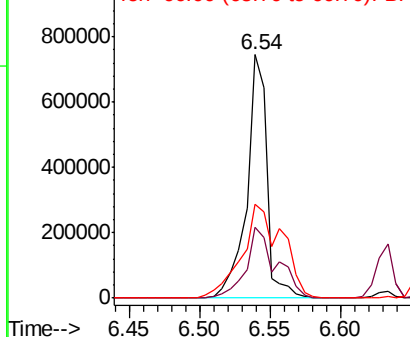
Lab File: BF115404.D

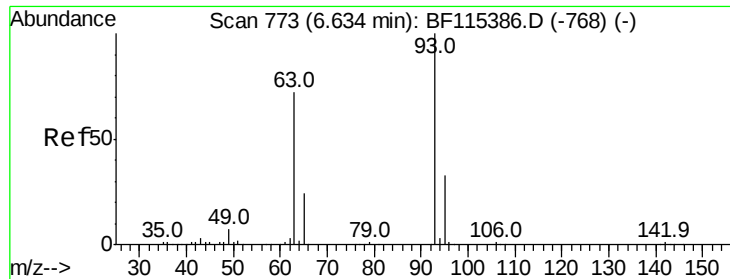
Acq: 8 Jul 2019 14:08

Tgt Ion:	94	Resp:	736011
Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.4	49.4
66	38.4	20.4	60.4



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





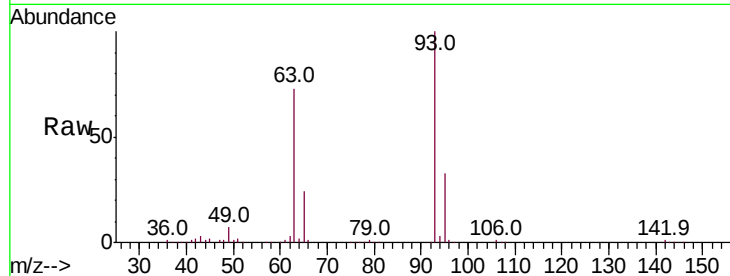
#11
bis(2-Chloroethyl)ether
Concen: 41.833 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

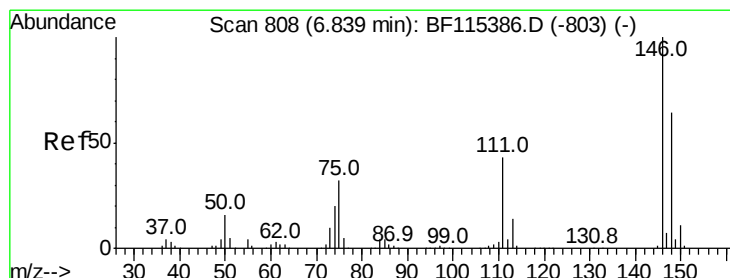
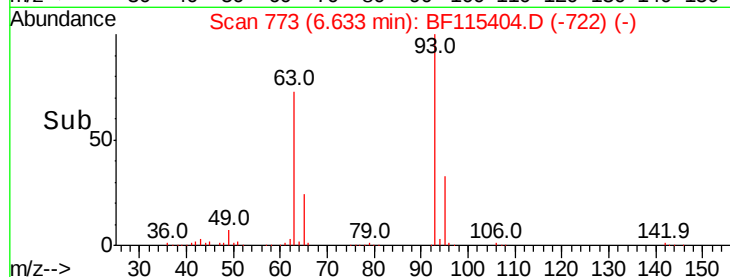
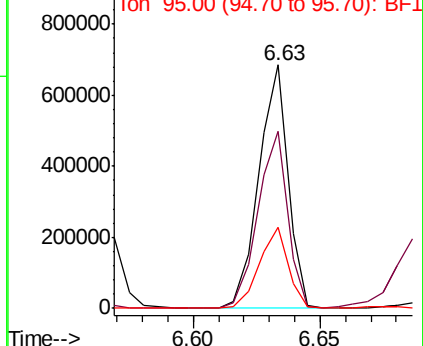
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.0	54.8	94.8	
95	33.3	13.0	53.0	

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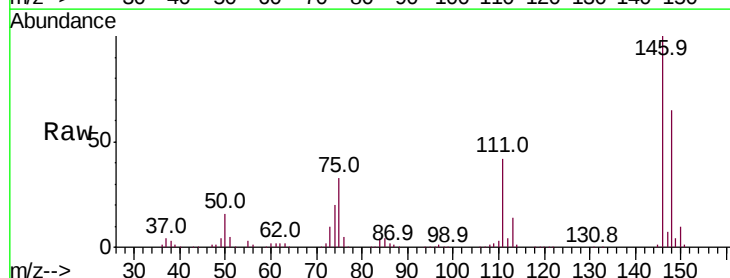


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

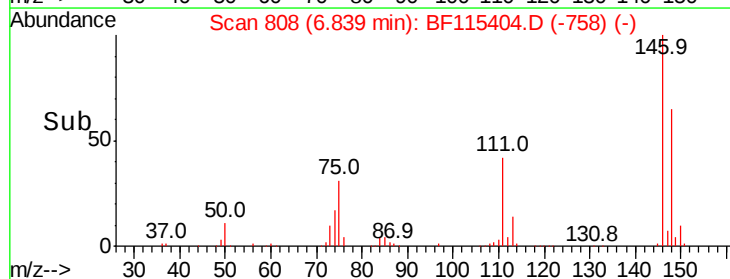
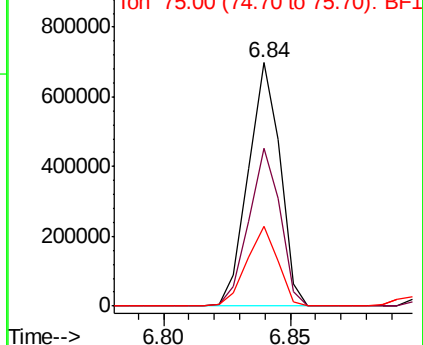


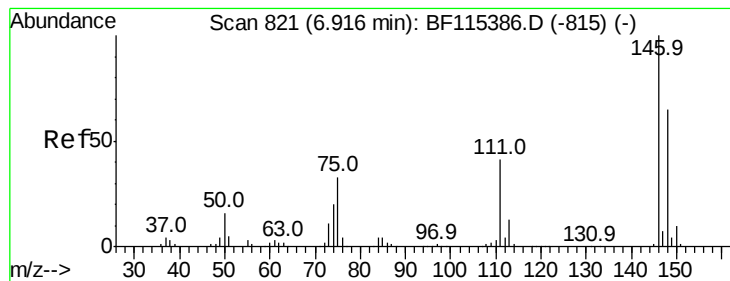
#12
1,3-Dichlorobenzene
Concen: 42.093 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	52.0	78.0	
75	32.6	24.6	36.8	



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.455 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

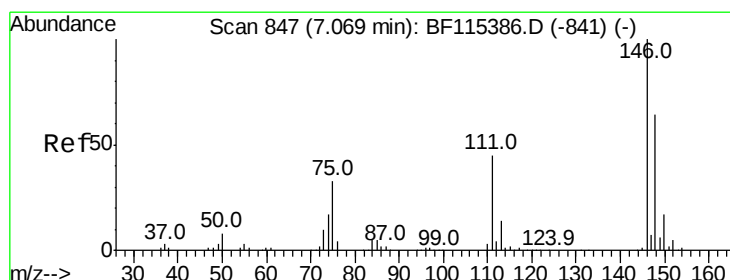
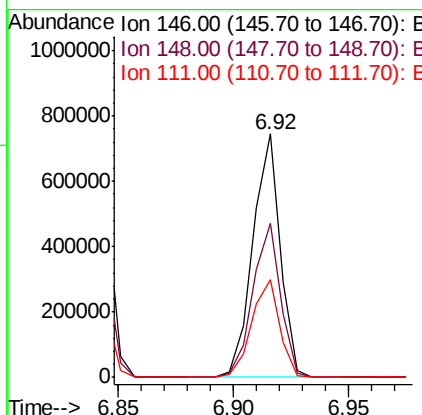
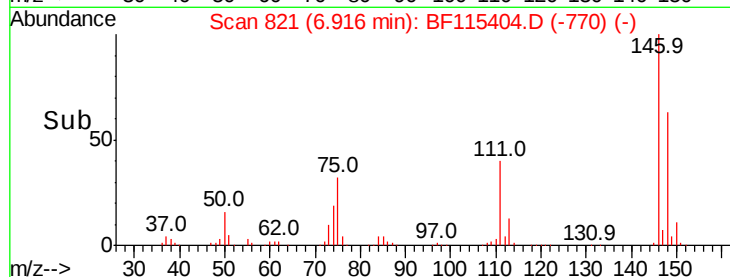
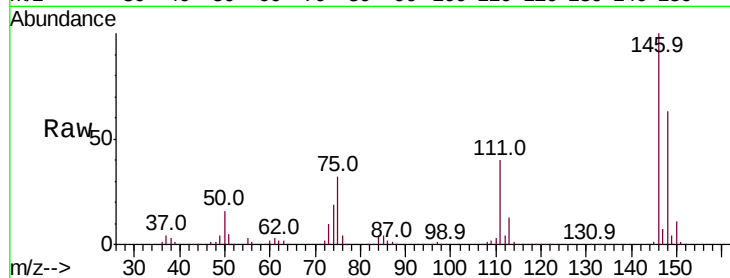
ClientSampled :

PB121094BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	40.3	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 42.409 ng

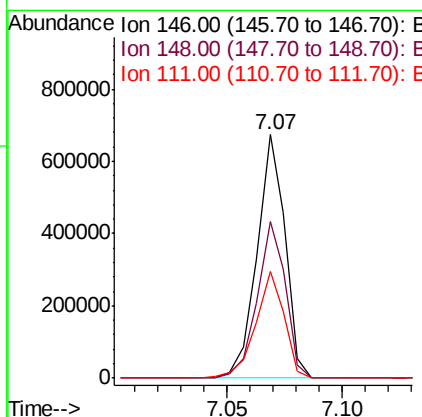
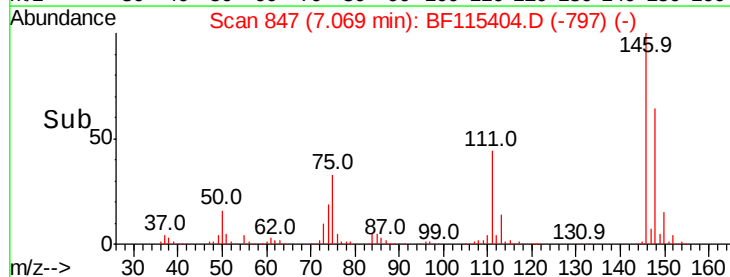
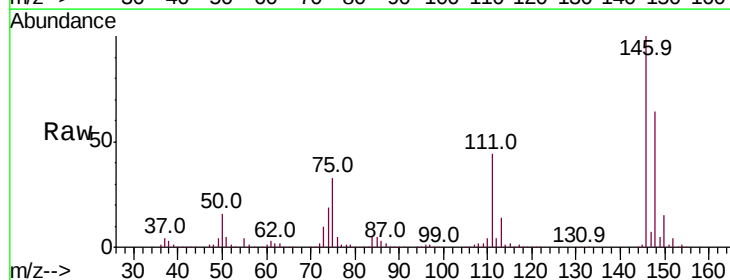
RT: 7.07 min Scan# 847

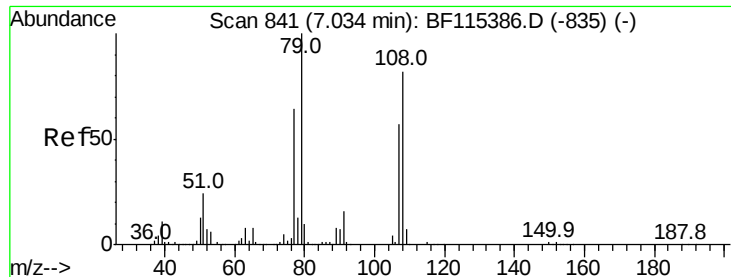
Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
111	43.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.389 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

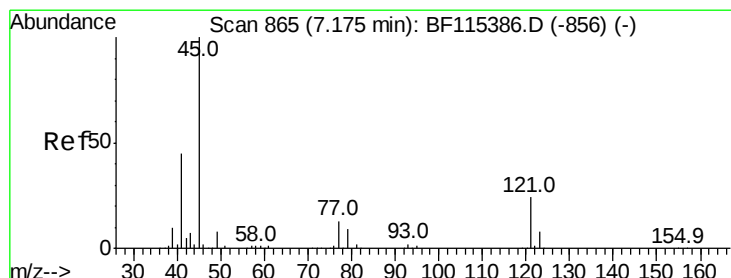
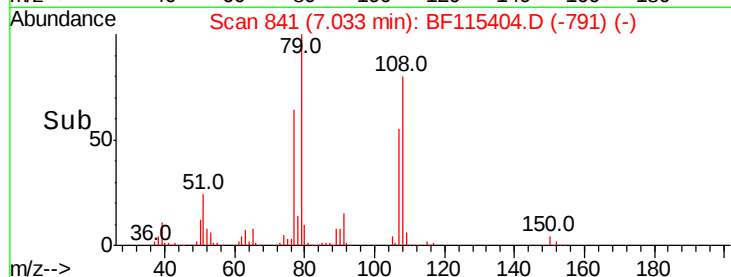
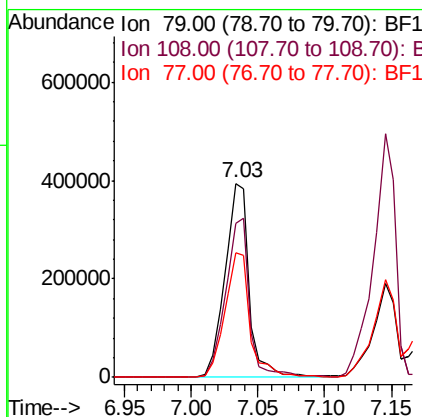
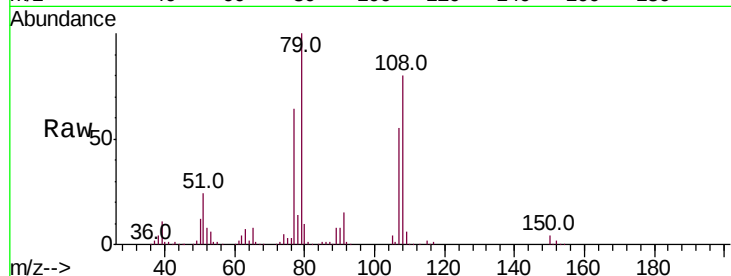
ClientSampleId :

PB121094BS

Tot Ion:	79	Resp:	508585
Ion Ratio	Lower	Upper	
79	100		
108	79.7	65.9	98.9
77	63.9	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.615 ng

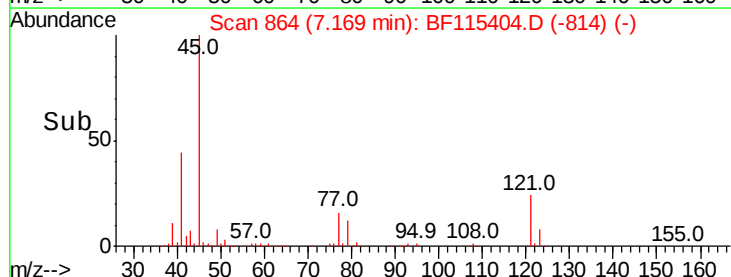
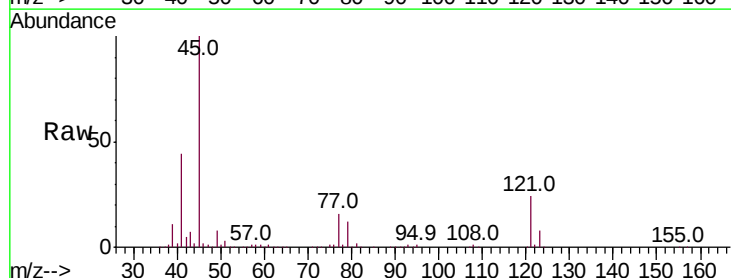
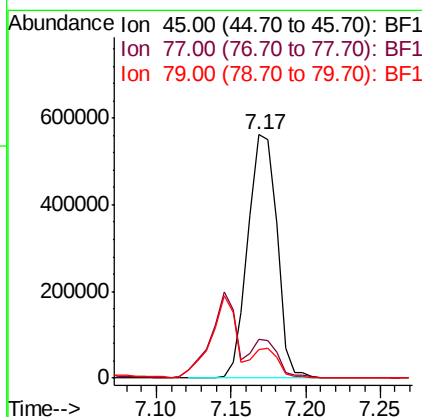
RT: 7.17 min Scan# 864

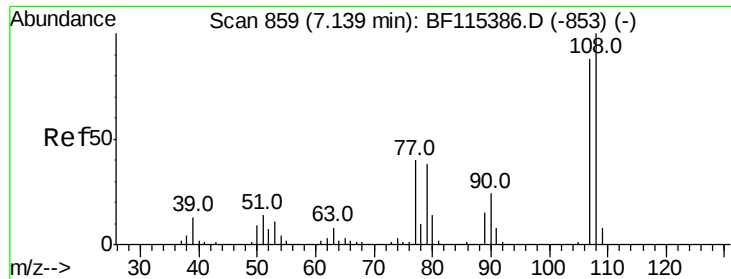
Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion:	45	Resp:	753671
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	35.8
79	11.8	0.0	32.1





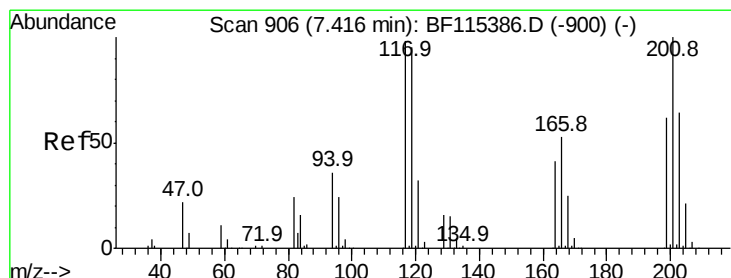
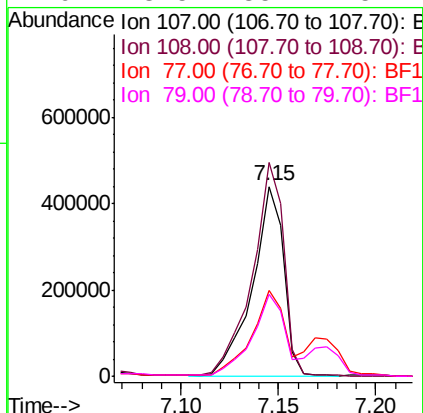
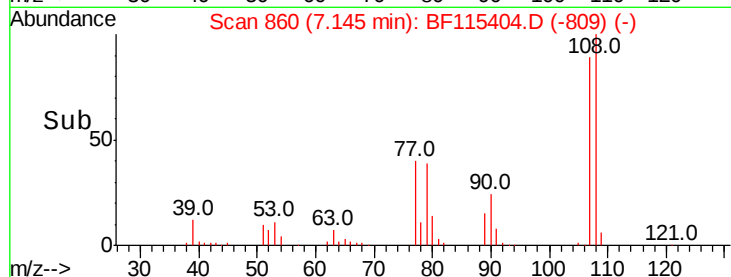
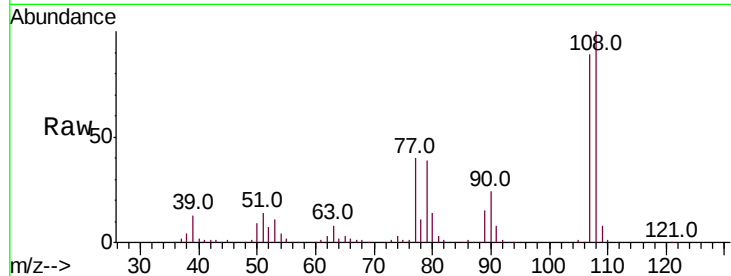
#17
2-Methylphenol
Concen: 42.809 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	486852		
108	112.6	91.2	136.8	
77	45.2	36.6	54.8	
79	43.5	35.1	52.7	

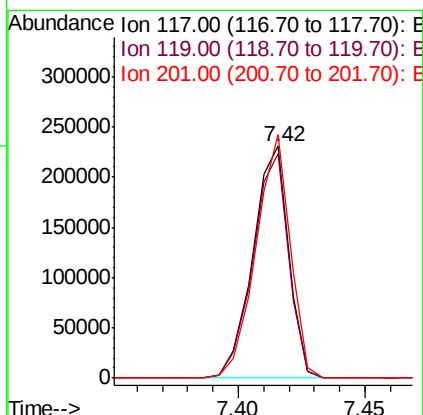
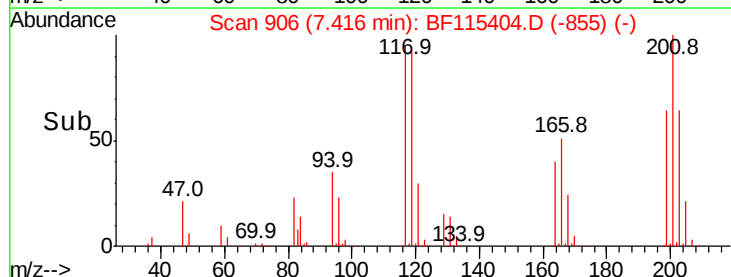
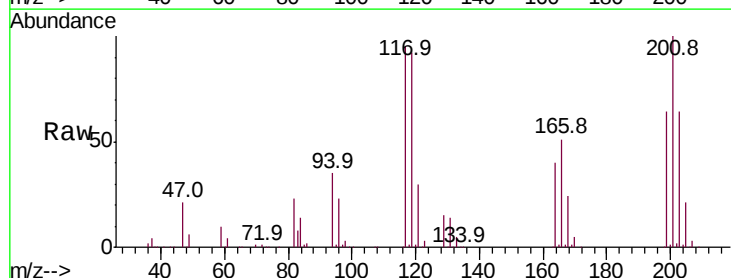
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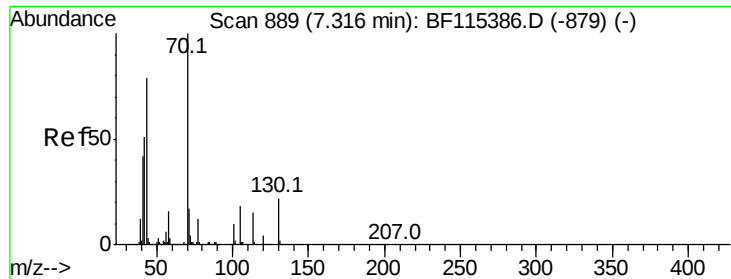
mohammad
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#18
Hexachloroethane
Concen: 41.860 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	227171		
119	96.8	76.3	114.5	
201	105.0	78.5	117.7	





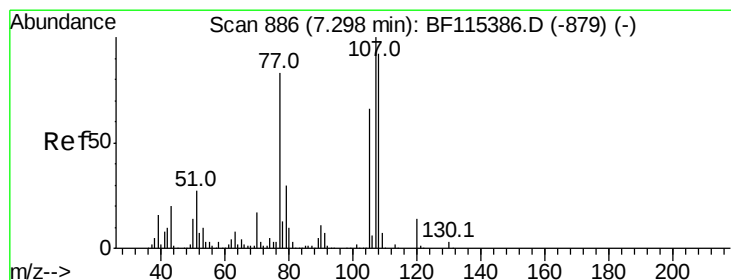
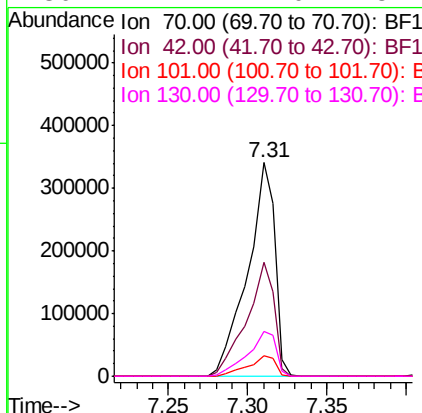
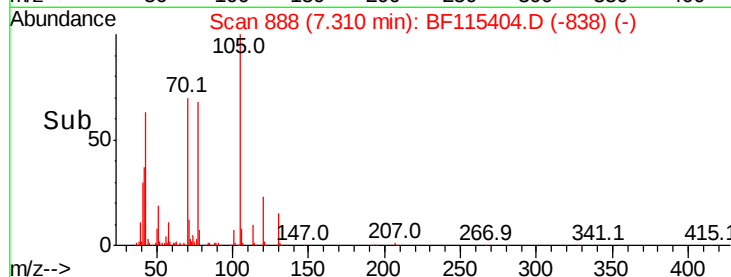
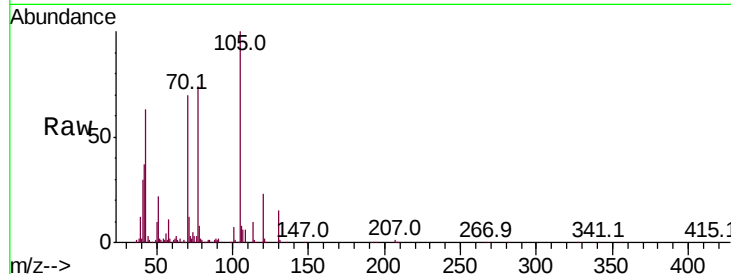
#19
n-Nitroso-di-n-propylamine
Concen: 40.361 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.3	42.3	63.5		
101	9.7	7.6	11.4		
130	21.2	17.0	25.4		

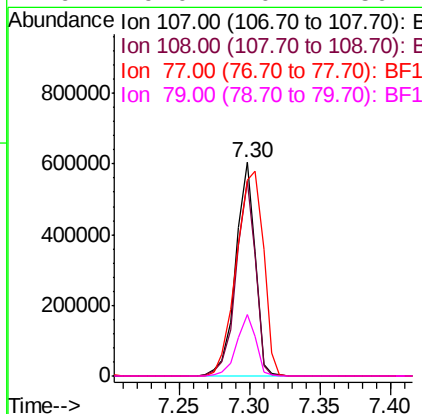
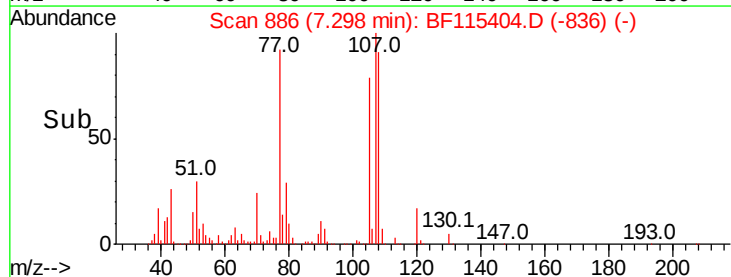
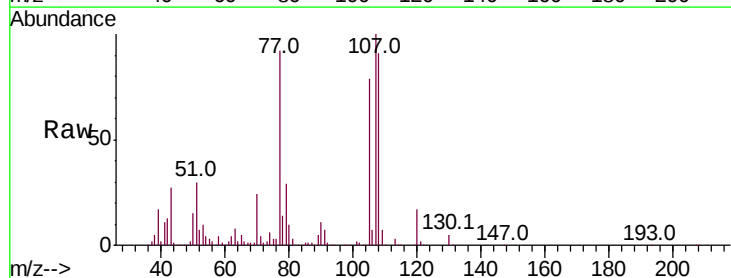
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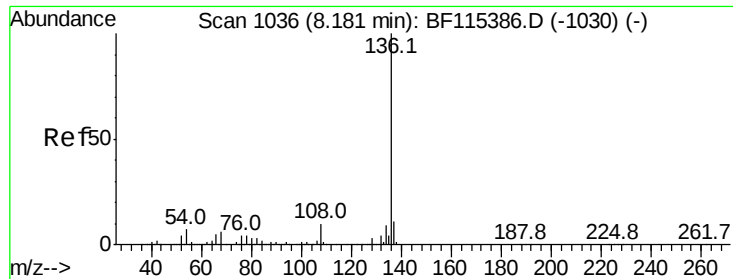
mohammad
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#20
3+4-Methylphenols
Concen: 42.996 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.3	72.3	112.3		
77	91.6	73.4	113.4		
79	29.0	10.2	50.2		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

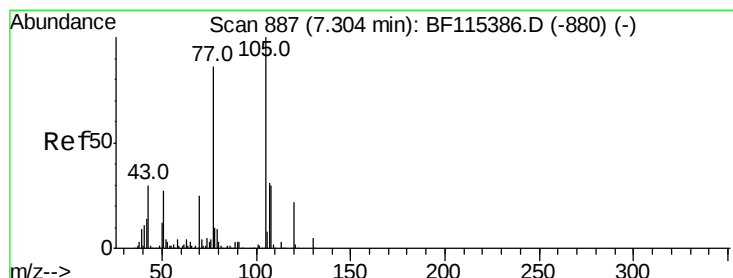
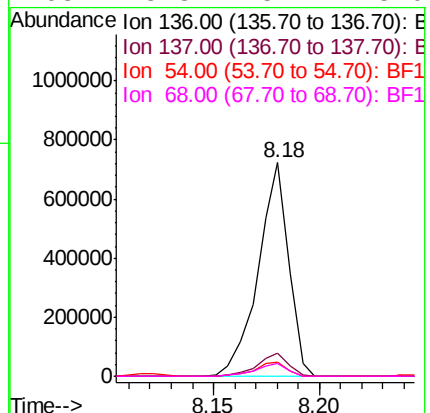
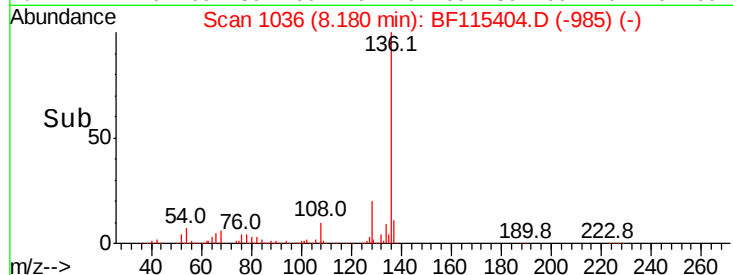
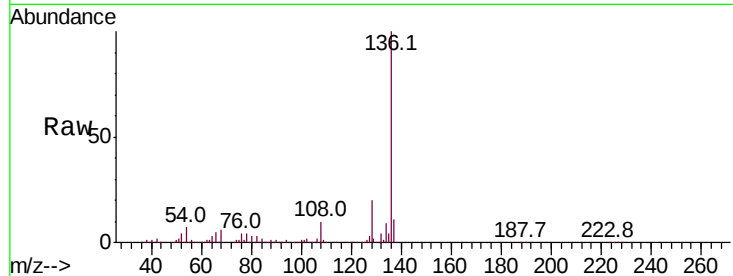
ClientSampleId :

PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	724919		
137	11.0		9.1	13.7
54	6.8		6.1	9.1
68	5.8		5.4	8.0

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#22

Acetophenone

Concen: 45.645 ng

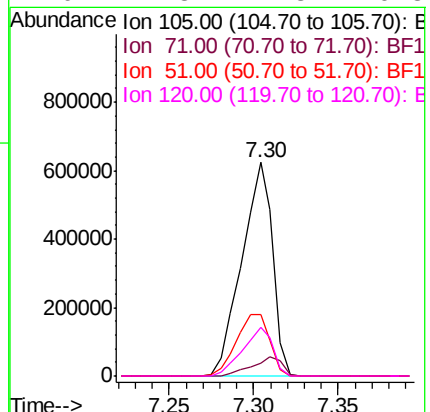
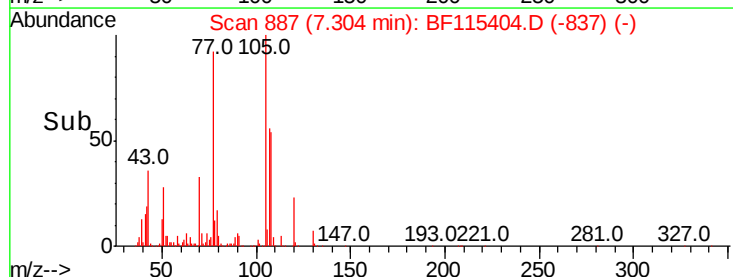
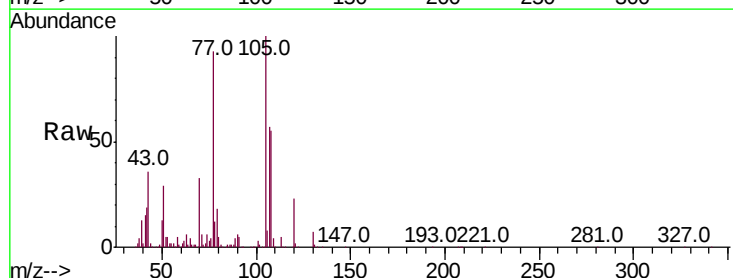
RT: 7.30 min Scan# 887

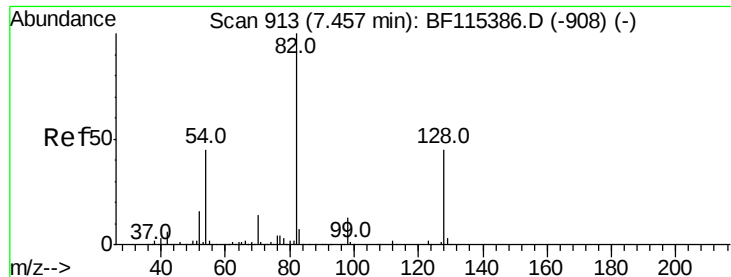
Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	792873		
71	5.9		3.8	5.8#
51	28.5		20.9	31.3
120	22.8		17.8	26.8





#23

Nitrobenzene-d5

Concen: 88.447 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampled :

PB121094BS

Tot Ion: 82 Resp: 1085194

Ion Ratio Lower Upper

82 100

128 45.2 36.2 54.4

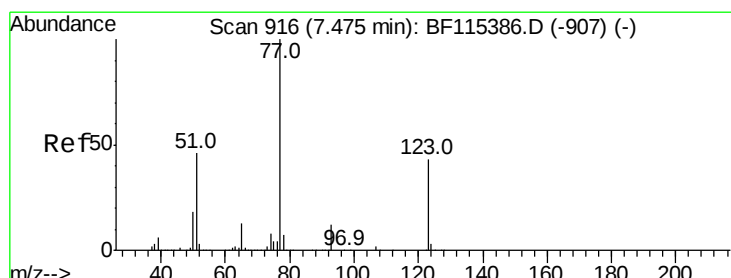
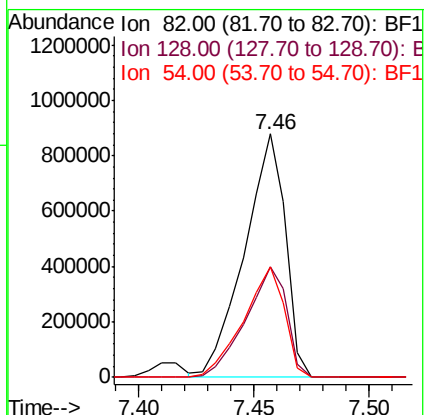
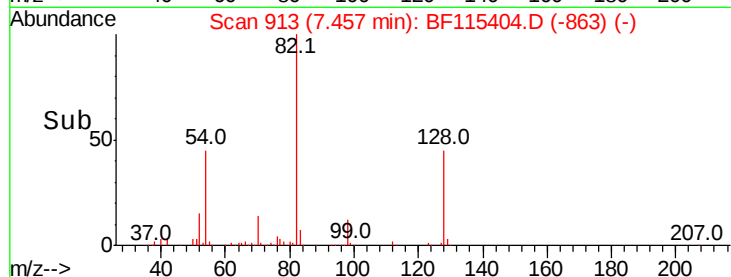
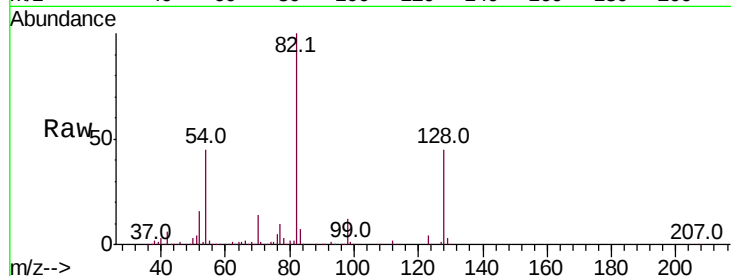
54 45.2 35.8 53.6

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#24

Nitrobenzene

Concen: 45.236 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

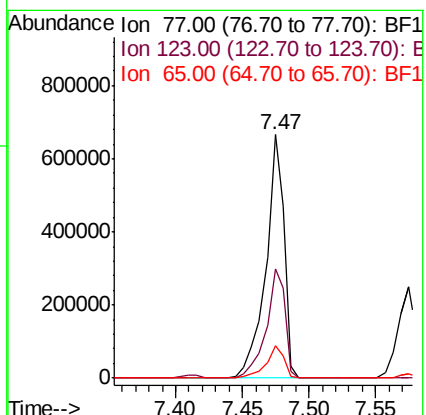
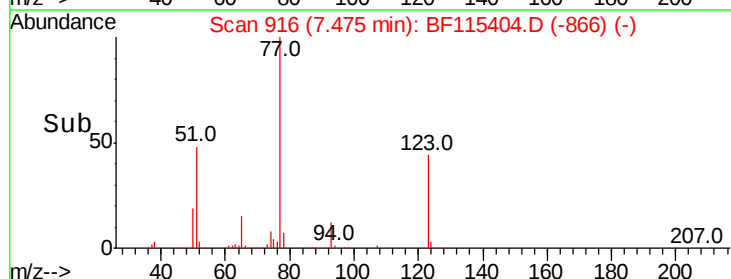
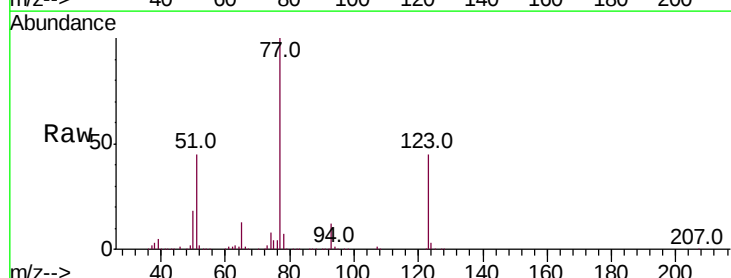
Tgt Ion: 77 Resp: 626819

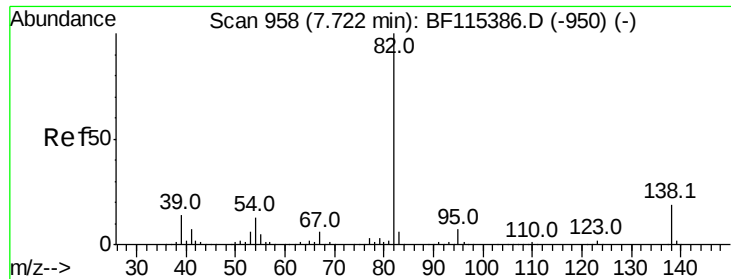
Ion Ratio Lower Upper

77 100

123 45.0 36.7 55.1

65 13.4 10.8 16.2





#25

Isophorone

Concen: 42.895 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

PB121094BS

Tot Ion: 82 Resp: 1140777

Ion Ratio Lower Upper

82 100

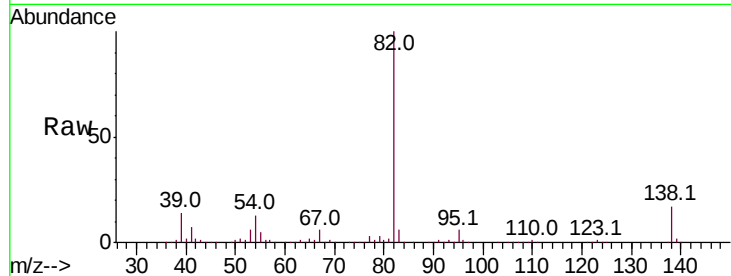
95 6.5 5.4 8.0

138 17.4 14.3 21.5

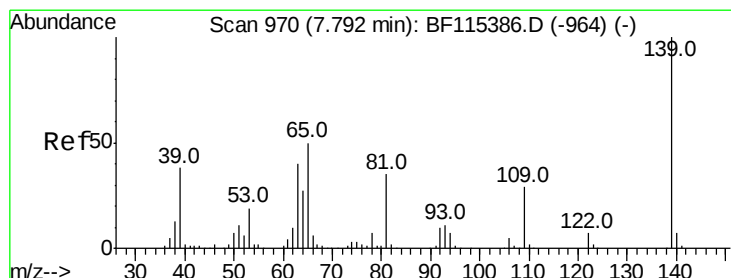
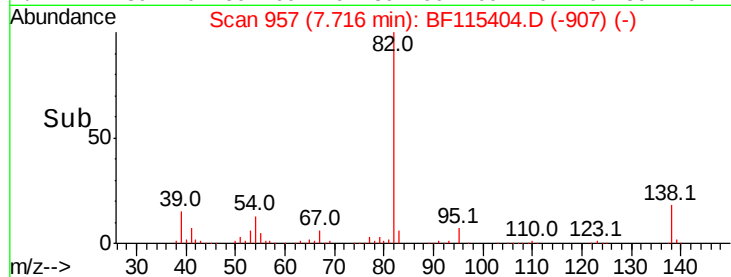
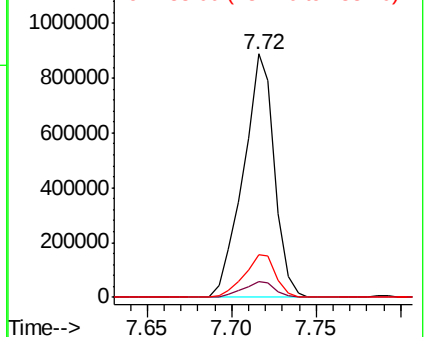
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.245 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

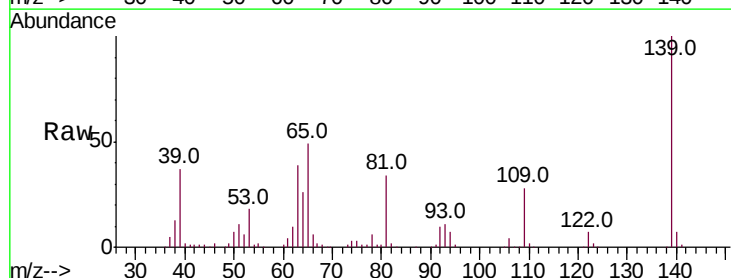
Tgt Ion: 139 Resp: 303320

Ion Ratio Lower Upper

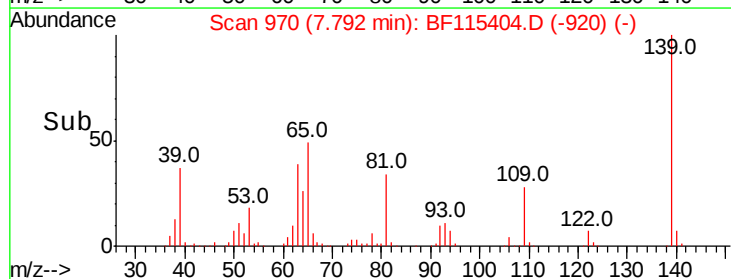
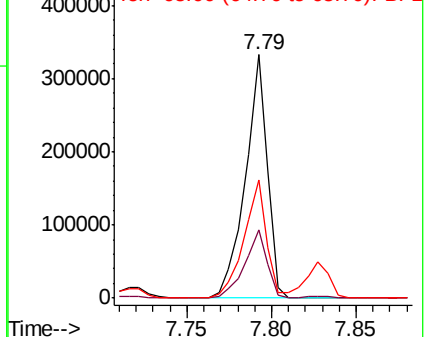
139 100

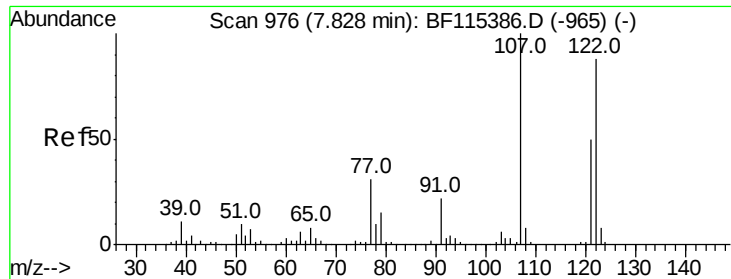
109 28.0 22.2 33.4

65 48.6 35.6 53.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





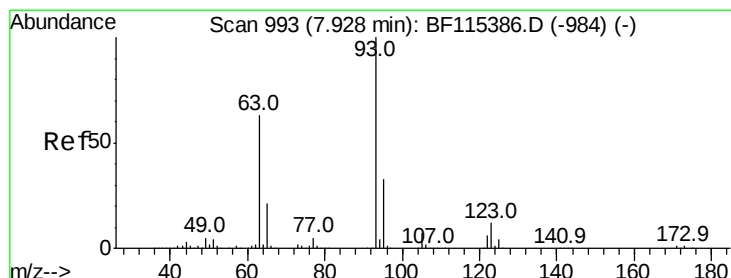
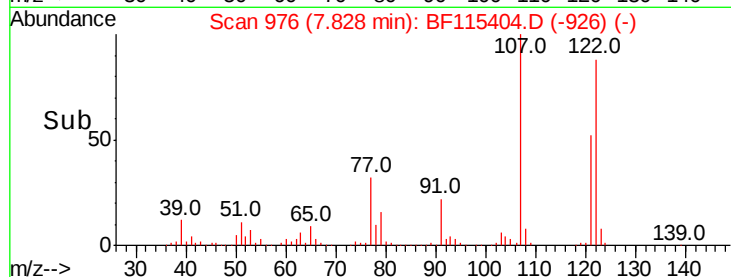
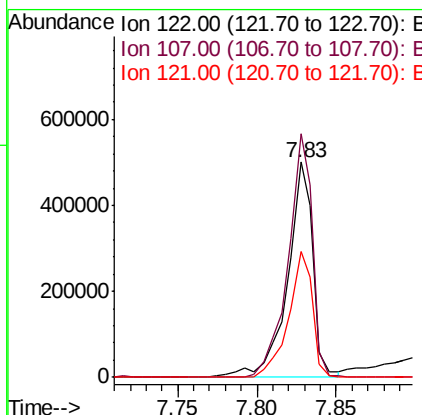
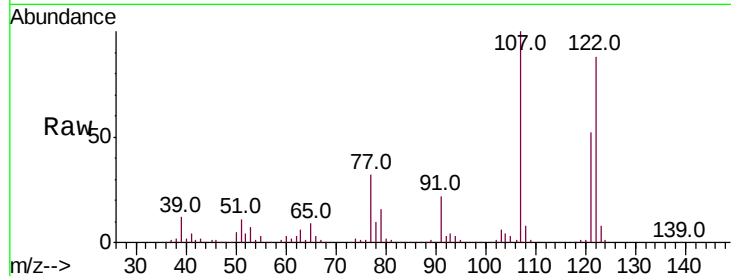
#27
2,4-Dimethylphenol
Concen: 50.833 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	552190		
107	113.3		89.4	134.2
121	58.5		46.6	69.8

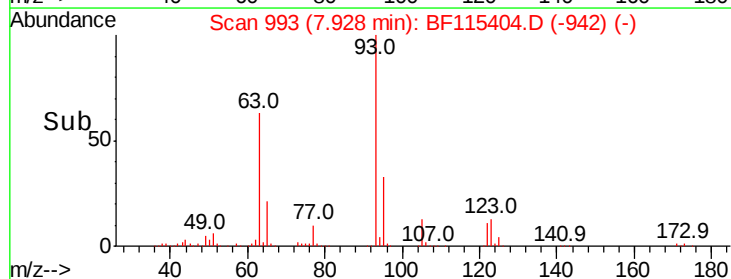
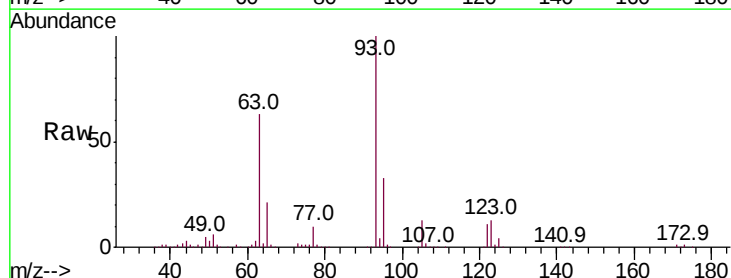
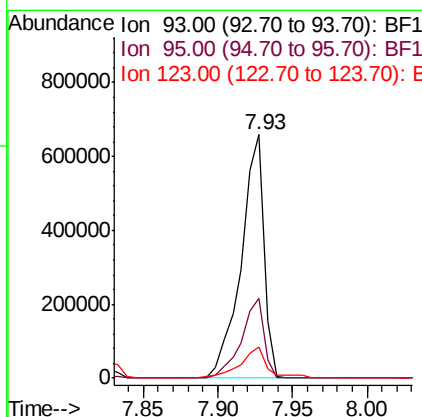
Manual Integrations
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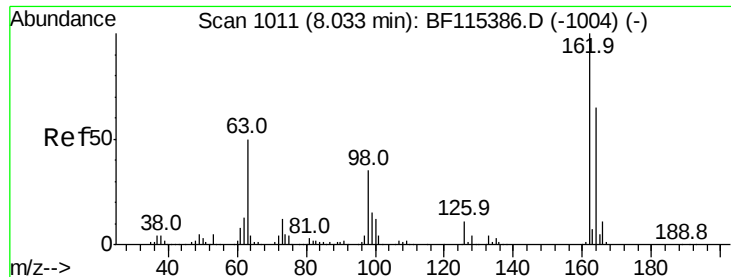
mohammad
7/10/2019 9:04:23 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.713 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	700456		
95	32.9		26.9	40.3
123	12.9		9.6	14.4





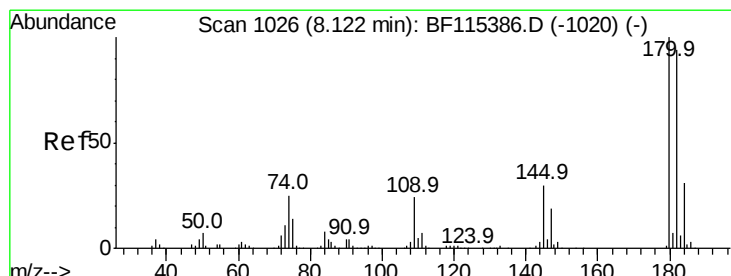
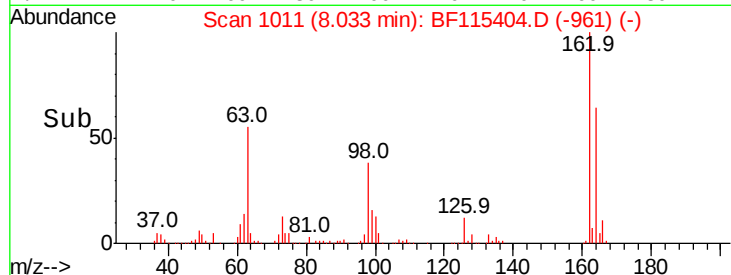
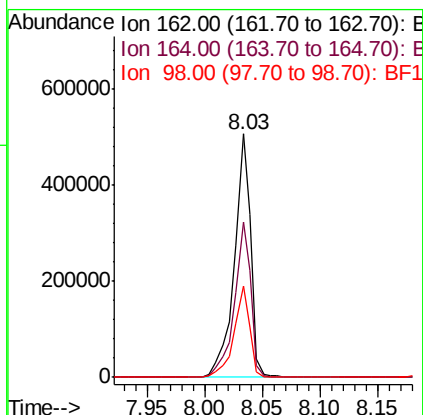
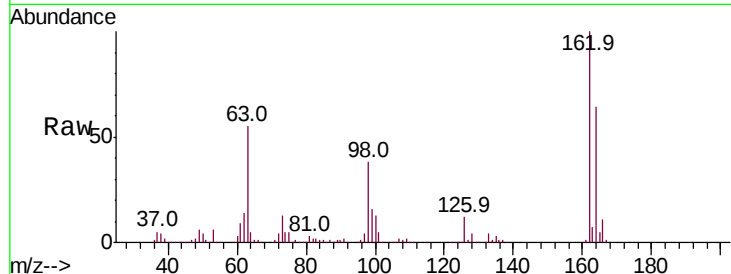
#29
2,4-Dichlorophenol
Concen: 45.523 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.5	84.5
98	37.6	15.2	55.2

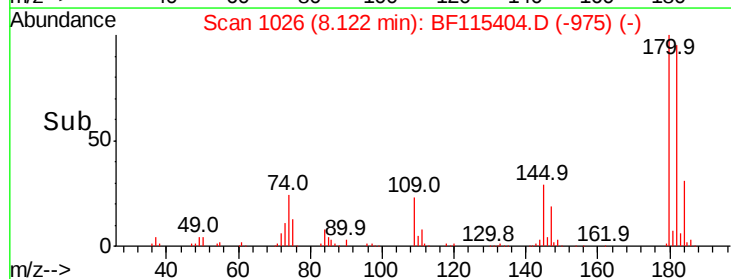
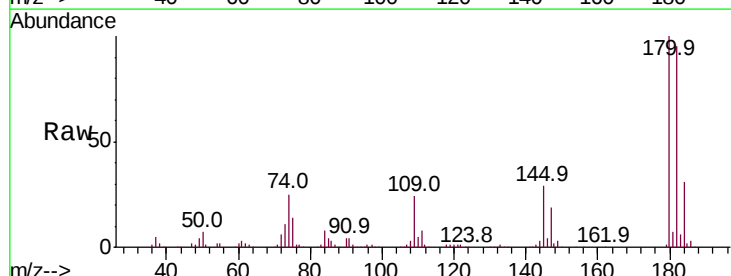
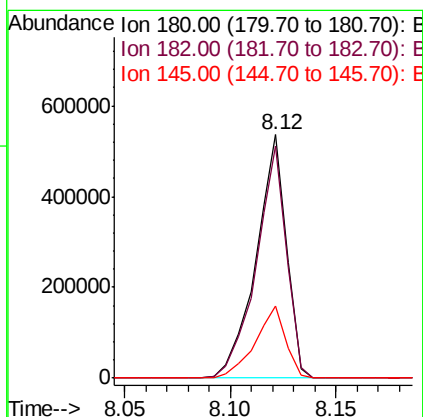
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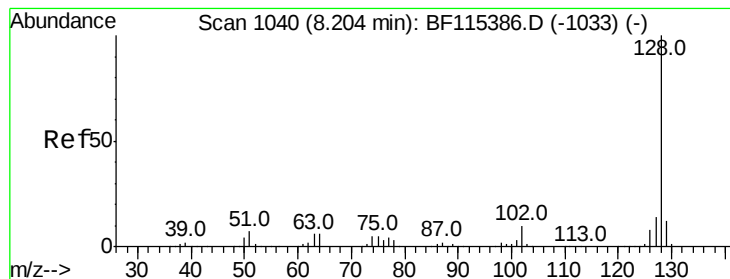
mohammad
7/10/2019 9:04:23 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.411 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	75.9	113.9
145	29.4	24.6	36.8





#31

Naphthalene

Concen: 45.421 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

PB121094BS

Tot Ion:128 Resp: 1635449

Ion Ratio Lower Upper

128 100

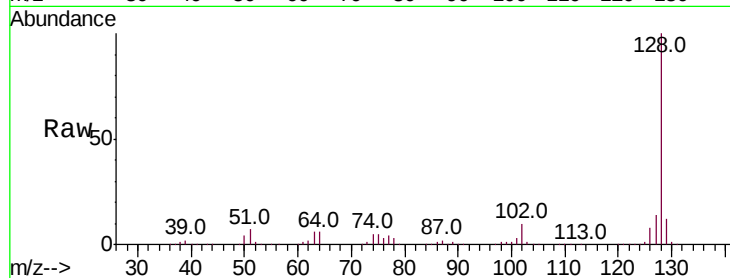
129 11.5 9.8 14.6

127 13.9 11.5 17.3

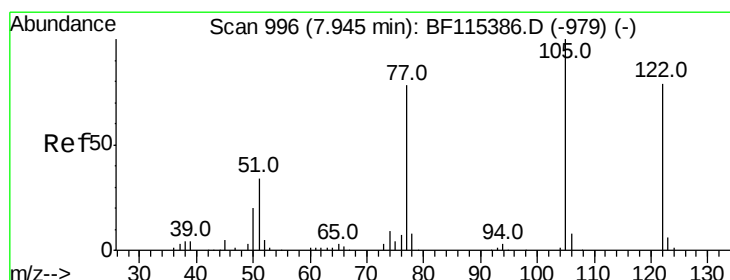
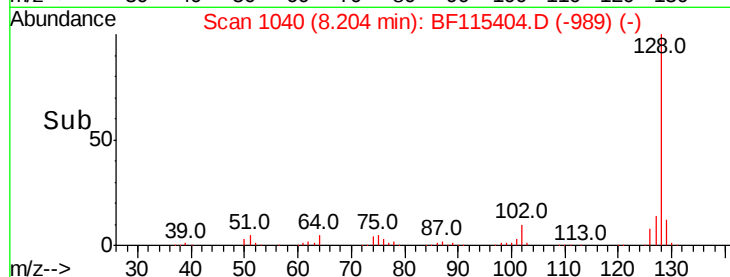
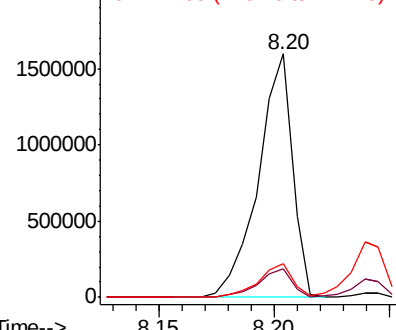
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.102 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

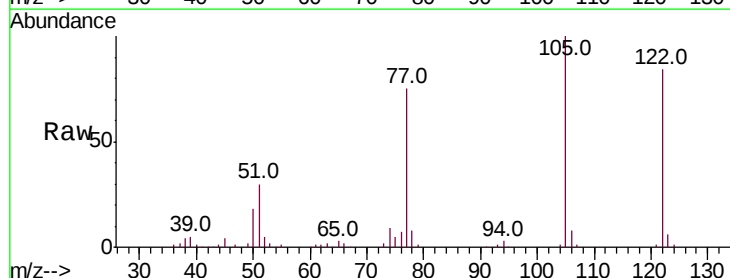
Tgt Ion:122 Resp: 380772

Ion Ratio Lower Upper

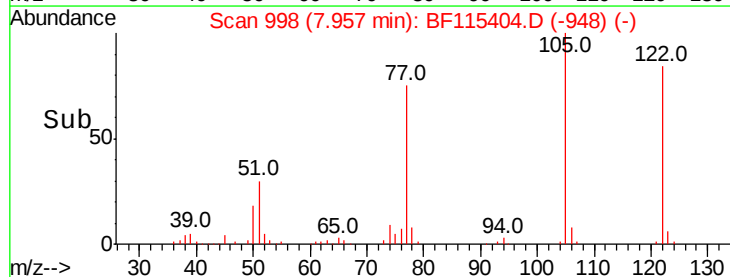
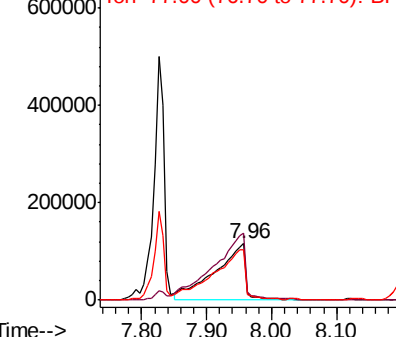
122 100

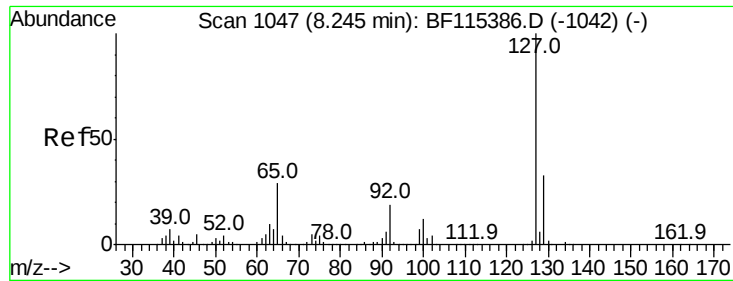
105 119.6 102.2 142.2

77 89.8 73.6 113.6



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





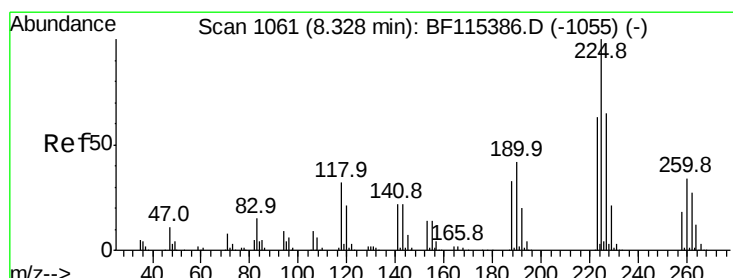
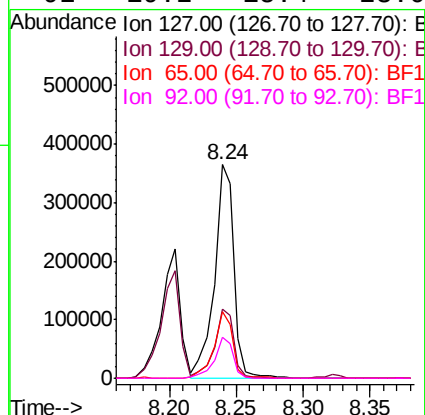
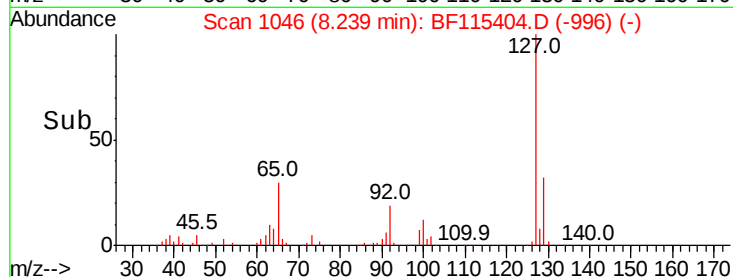
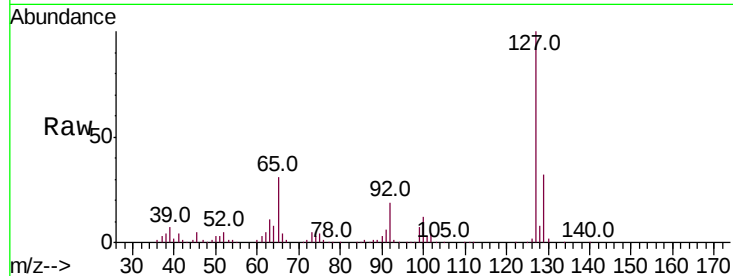
#33
4-Chloroaniline
Concen: 23.319 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.3	39.5		
65	31.2	24.5	36.7		
92	19.2	15.4	23.0		

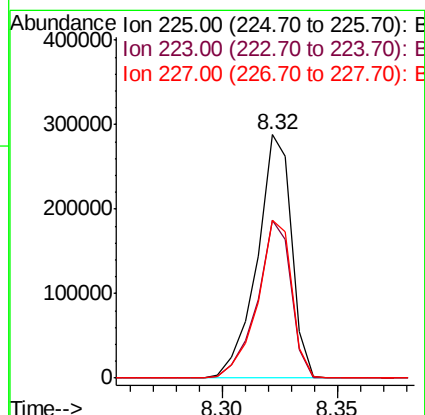
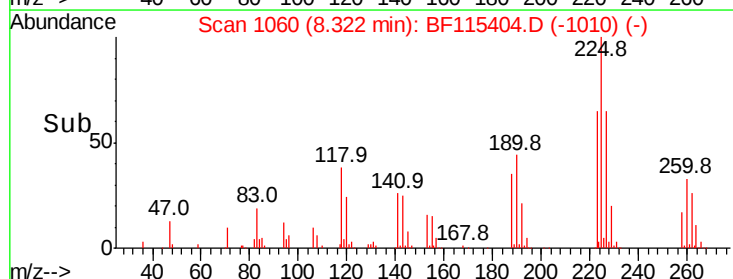
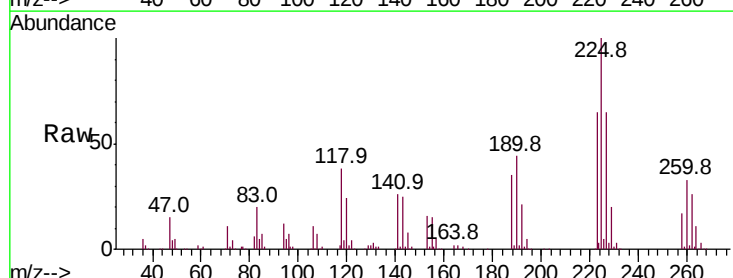
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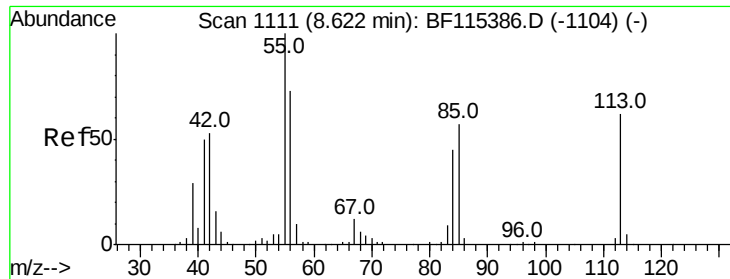
mohammad
7/10/2019 9:04:23 AM



#34
Hexachlorobutadiene
Concen: 43.774 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	50.6	75.8		
227	65.1	51.8	77.8		





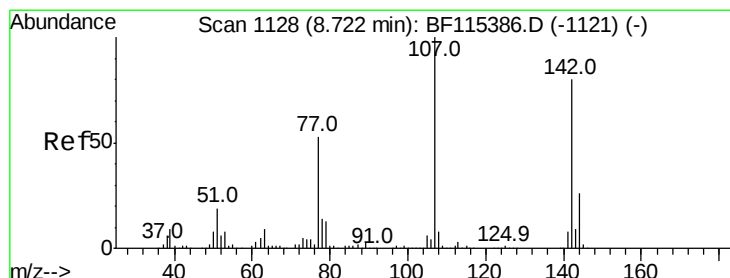
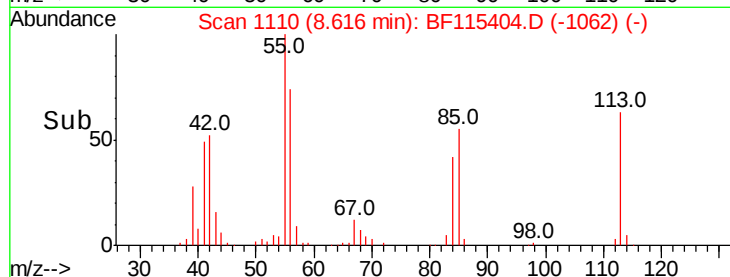
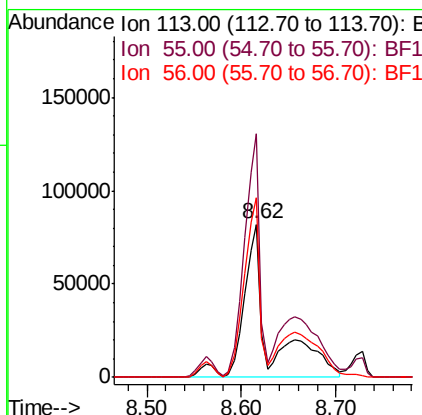
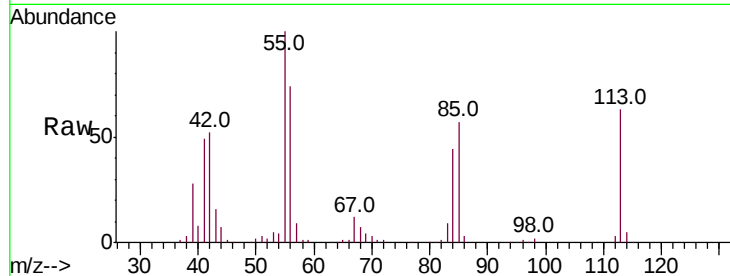
#35
 Caprolactam
 Concen: 45.073 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.7	135.8	175.8
56	116.9	95.4	135.4

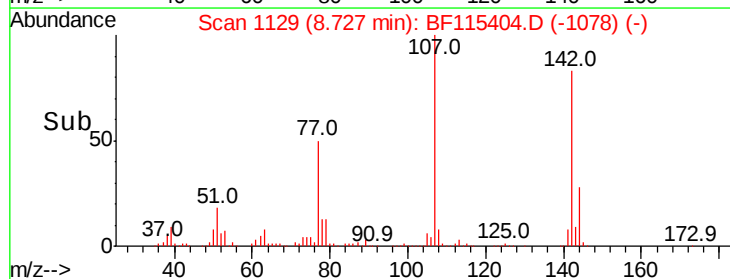
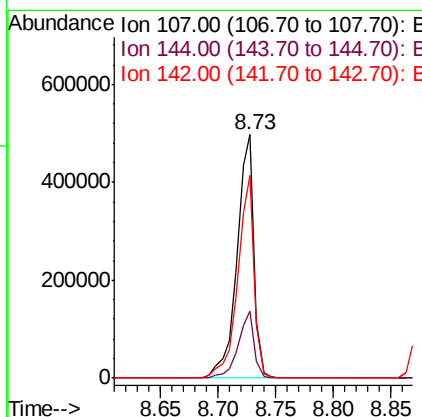
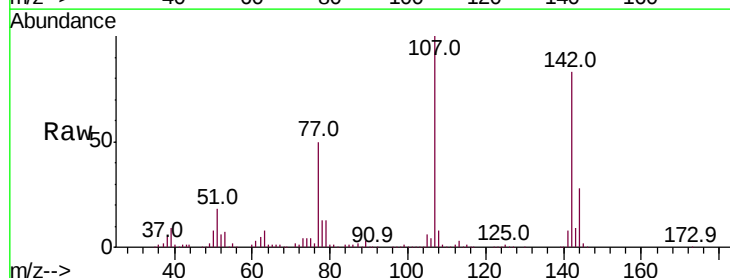
Manual Integrations
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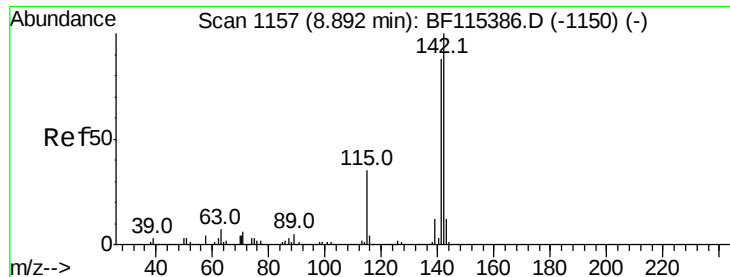
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.247 ng/ml
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.0	31.6
142	83.2	64.2	96.2





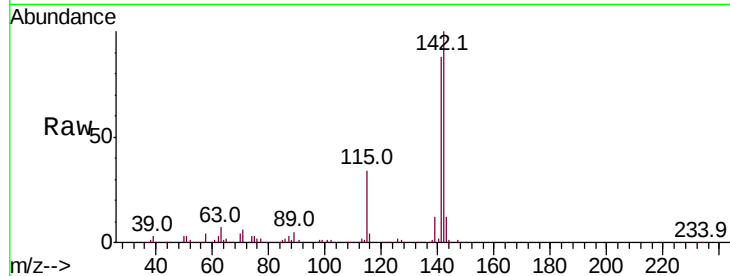
#37
2-Methylnaphthalene
Concen: 45.610 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	106.0
115	34.5	27.2	40.8

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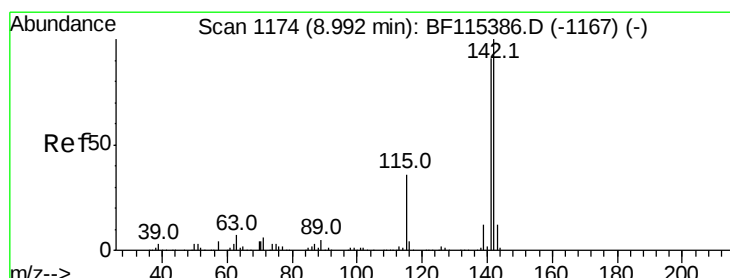
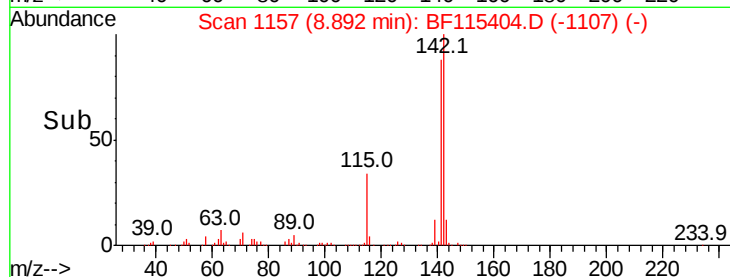
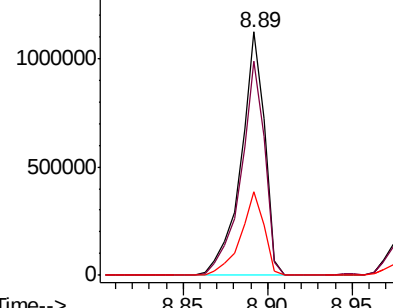


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.767 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

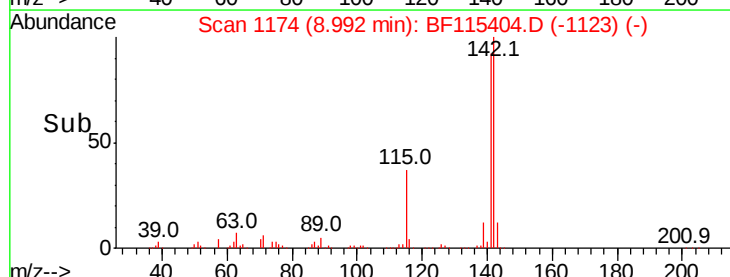
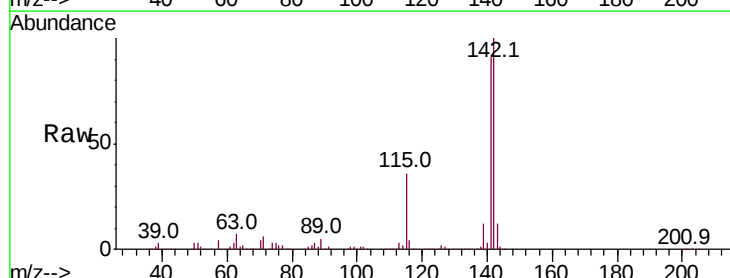
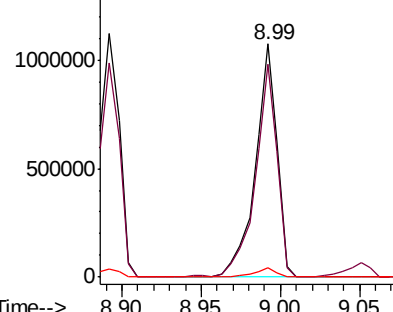
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
116	3.8	3.1	4.7

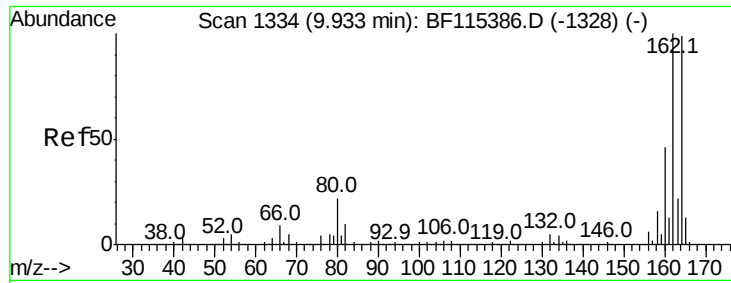
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





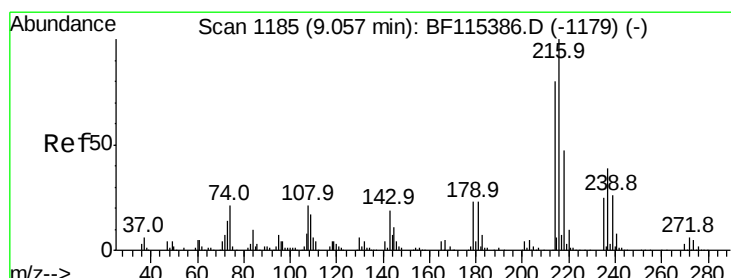
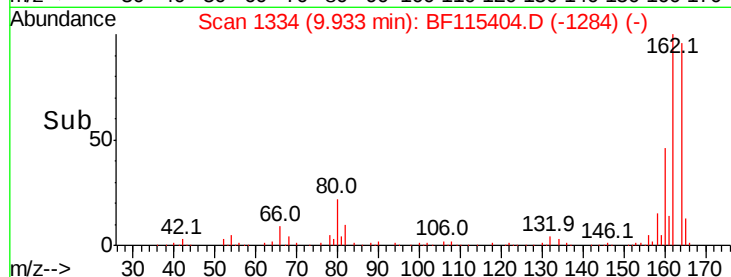
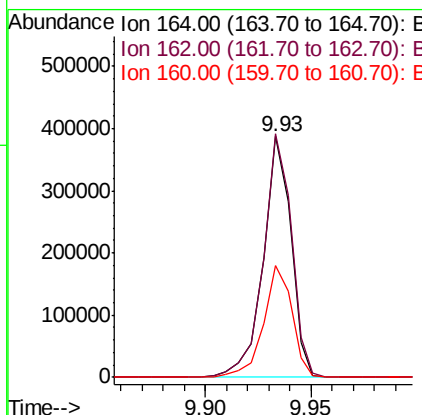
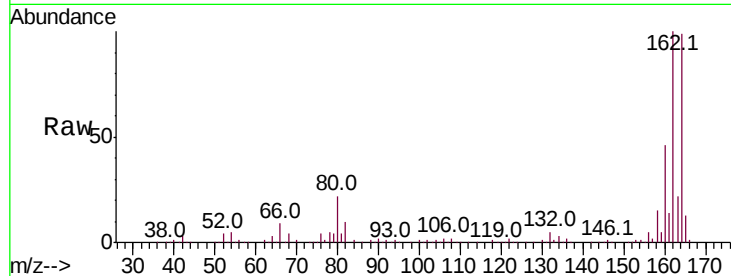
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	82.6	123.8	
160	46.6	37.5	56.3	

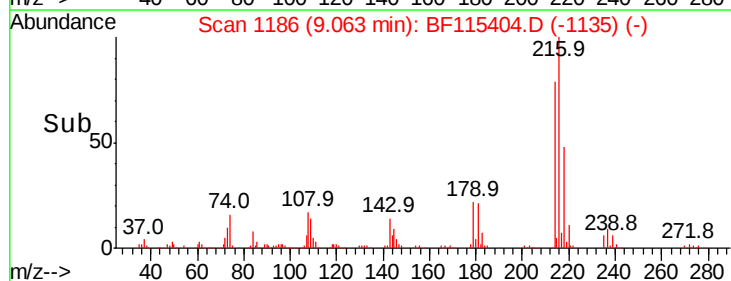
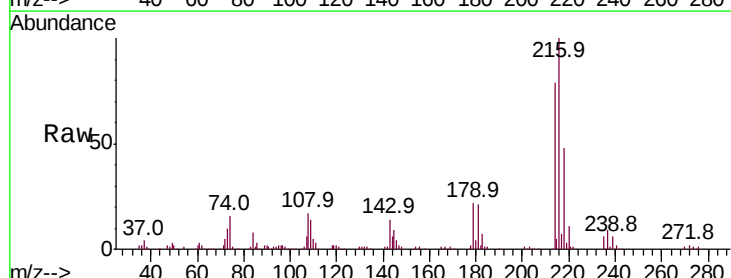
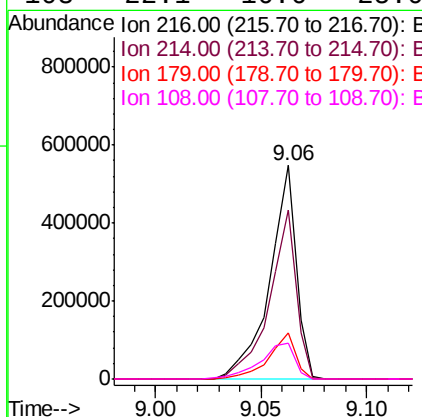
Manual Integrations
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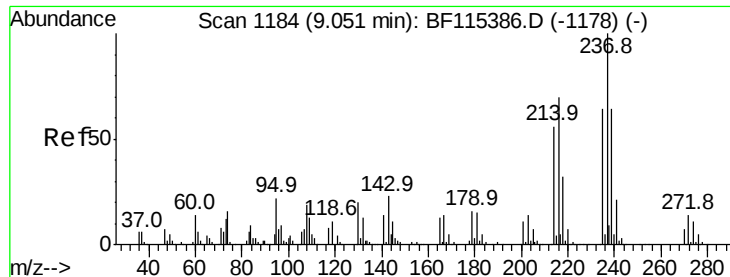
mohammad
7/10/2019 9:04:23 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.030 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.7	95.5	
179	21.6	17.5	26.3	
108	22.1	16.6	25.0	





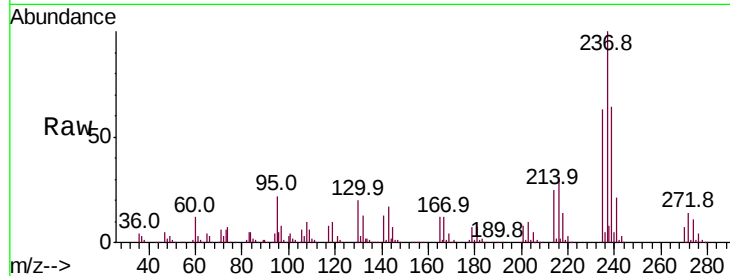
#41
Hexachlorocyclopentadiene
Concen: 93.105 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

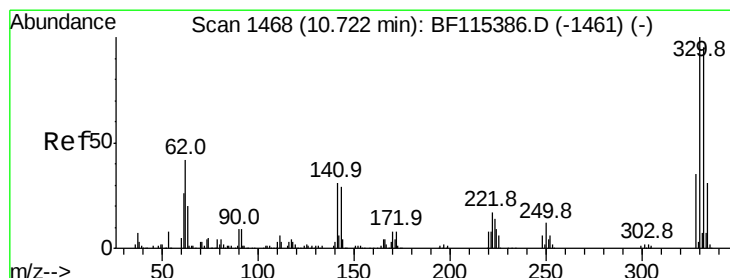
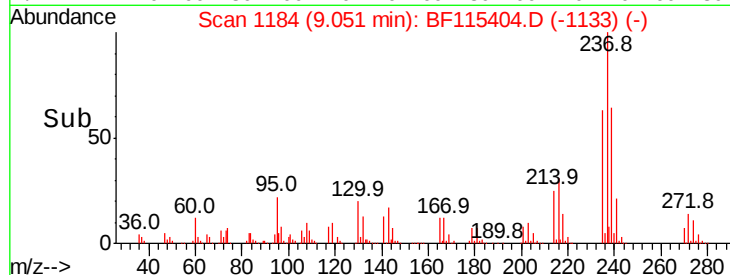
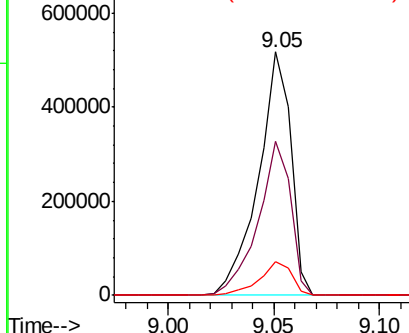
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	43.5	83.5
272	13.6	0.0	33.3

Manual Integrations
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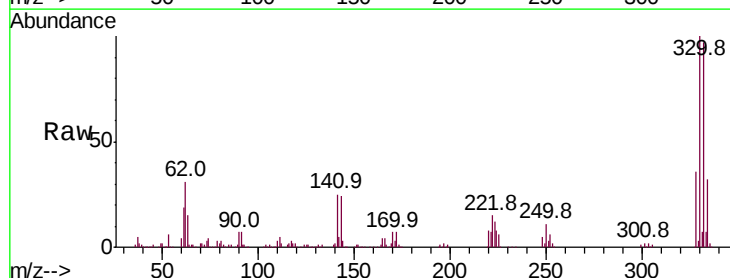


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

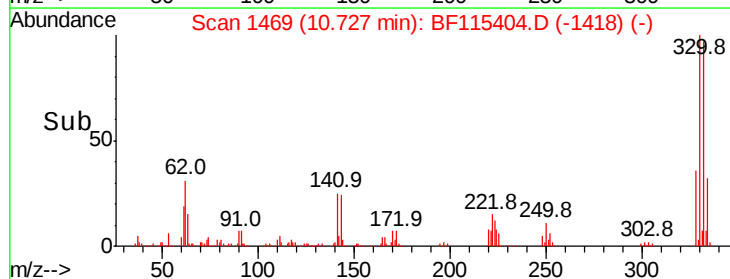
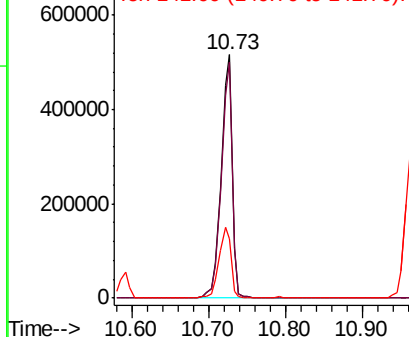


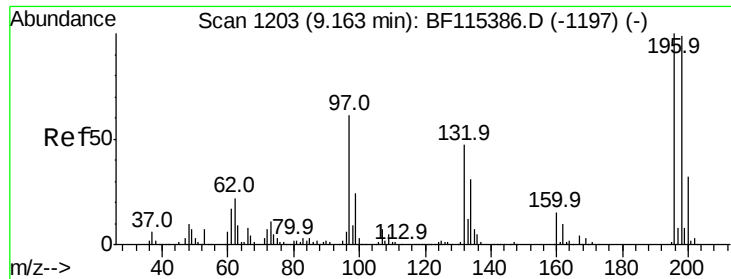
#42
2,4,6-Tribromophenol
Concen: 128.966 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.5	116.3
141	31.6	25.8	38.6



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





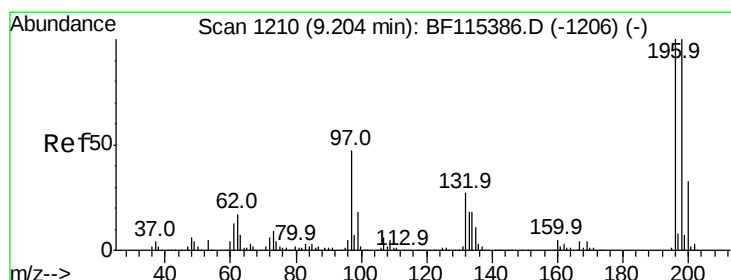
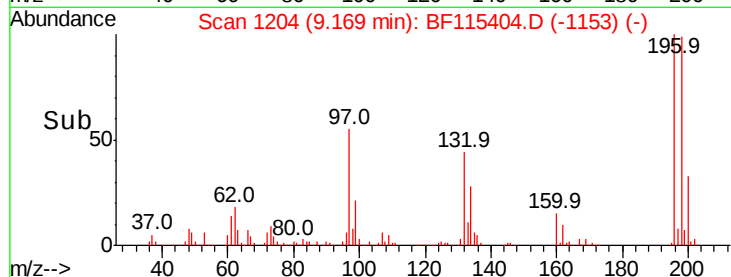
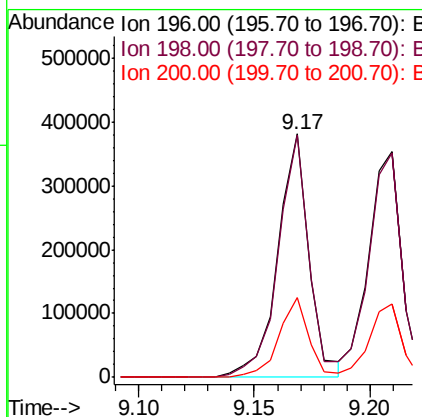
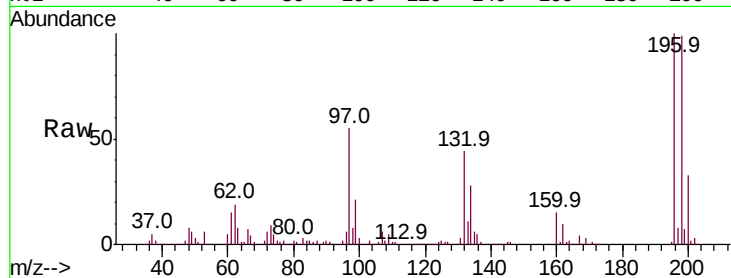
#43
 2,4,6-Trichlorophenol
 Concen: 47.546 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	355152		
198	99.4	79.8	119.8	
200	32.7	25.6	38.4	

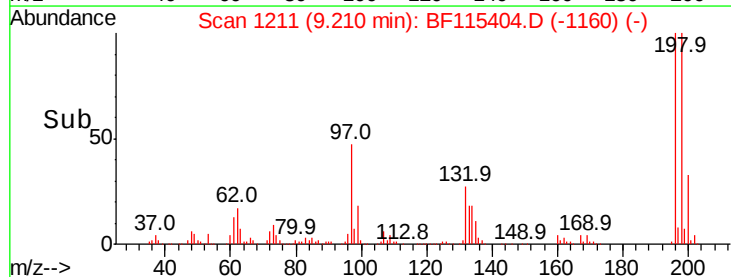
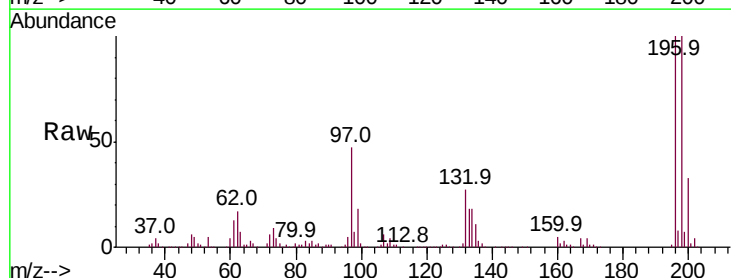
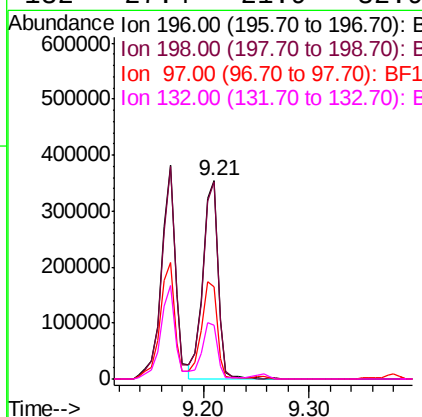
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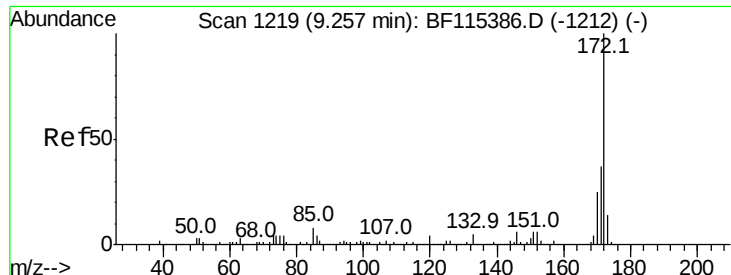
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#44
 2,4,5-Trichlorophenol
 Concen: 45.683 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	353832		
198	99.6	79.0	118.4	
97	46.8	37.3	55.9	
132	27.4	21.9	32.9	





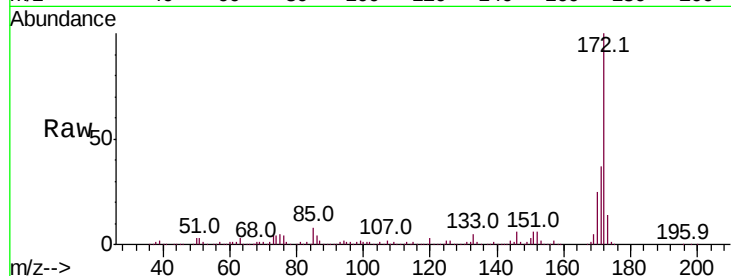
#45
2-Fluorobiphenyl
Concen: 94.671 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

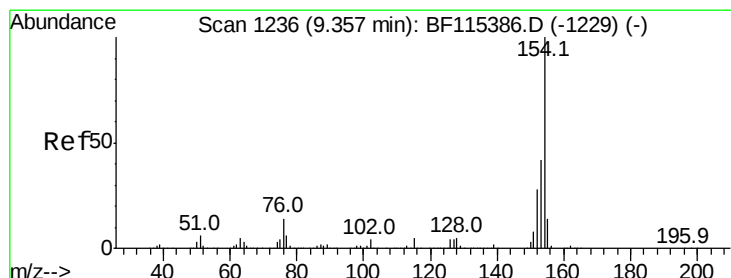
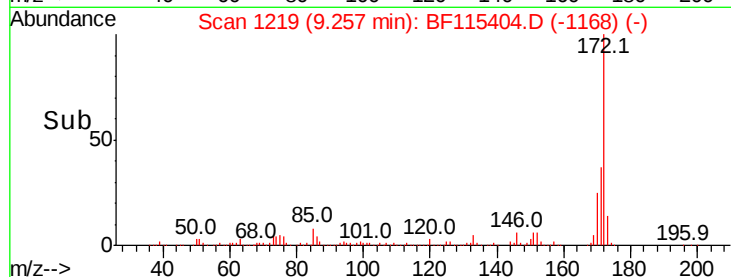
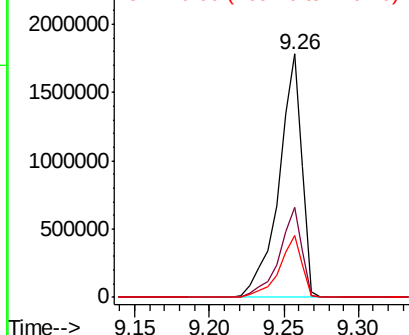
Tot Ion:172 Resp: 1924126
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 25.3 20.2 30.2

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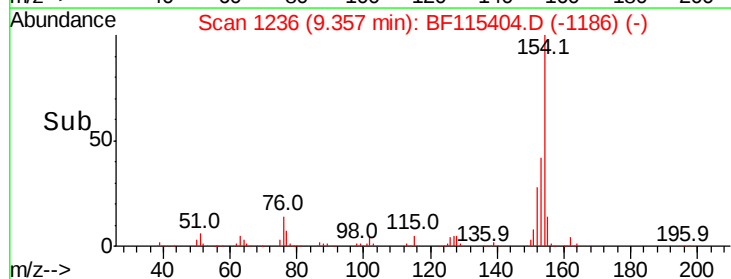
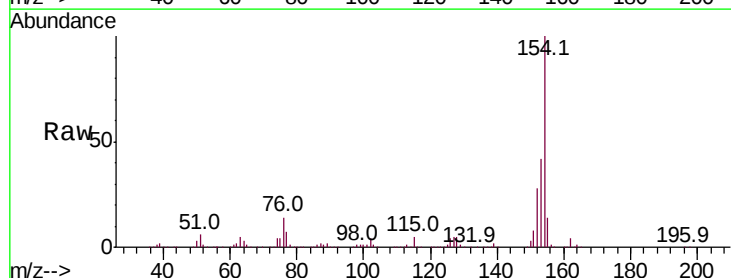
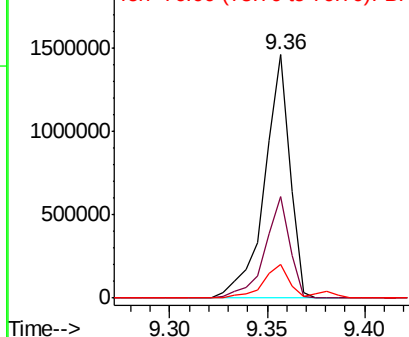
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

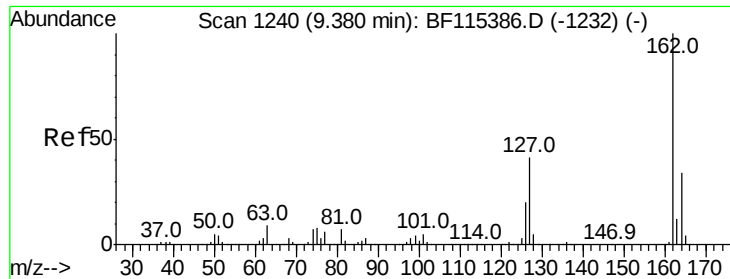


#46
1,1'-Biphenyl
Concen: 46.717 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:154 Resp: 1309812
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 14.0 0.0 32.9

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





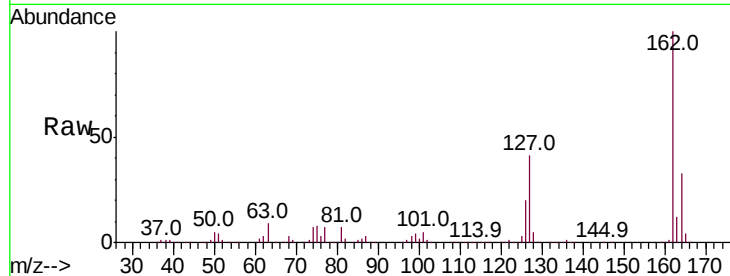
#47
 2-Chloronaphthalene
 Concen: 44.670 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampled :
 PB121094BS

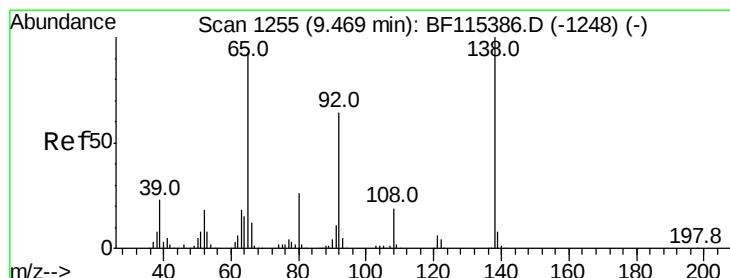
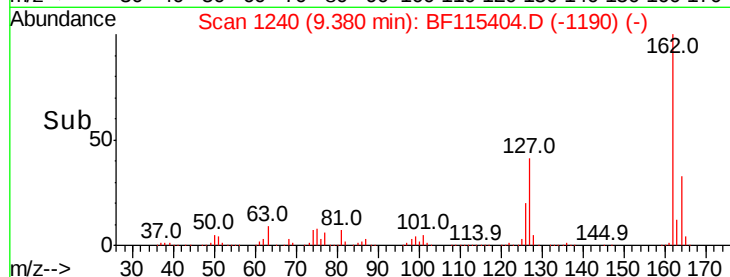
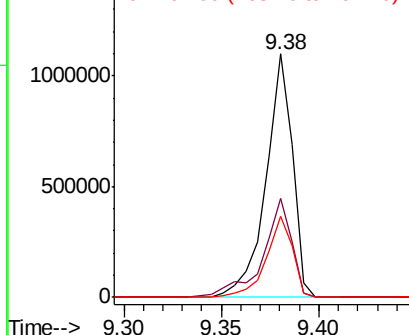
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.3	48.5
164	33.5	27.1	40.7

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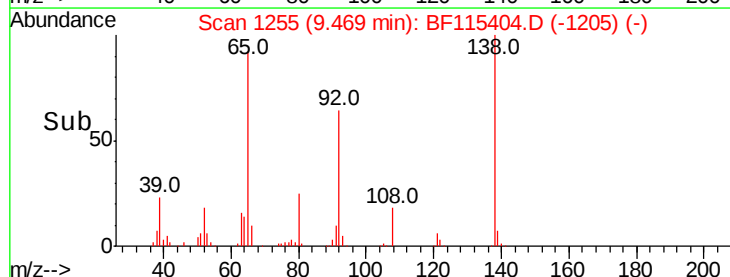
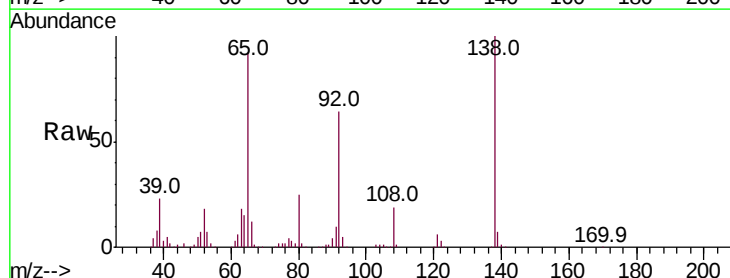
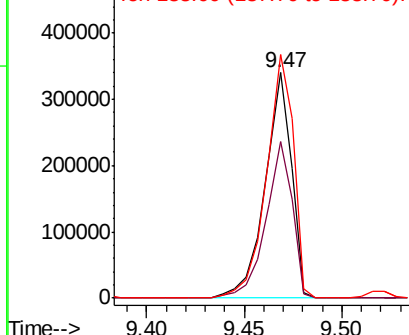
Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

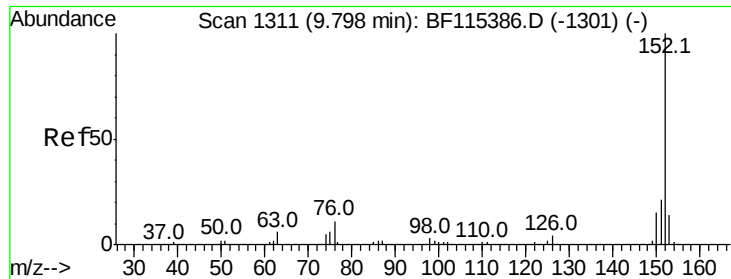


#48
 2-Nitroaniline
 Concen: 46.980 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	56.9	85.3
138	108.1	93.3	139.9

Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.846 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

PB121094BS

Tot Ion:152 Resp: 1573374

Ion Ratio Lower Upper

152 100

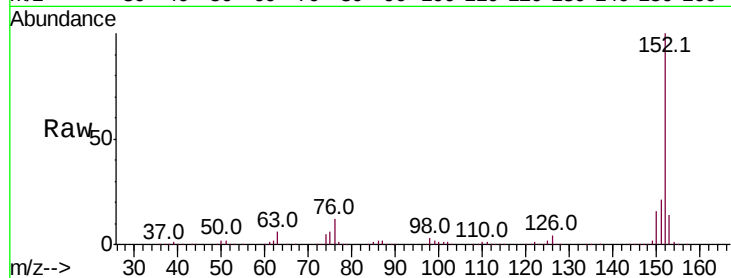
151 21.5 16.9 25.3

153 14.4 11.2 16.8

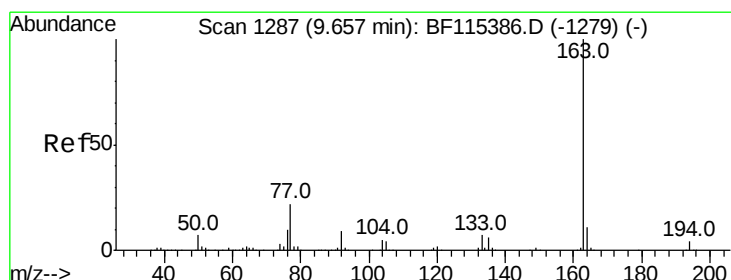
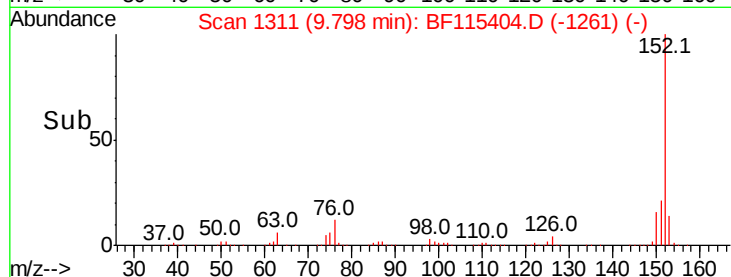
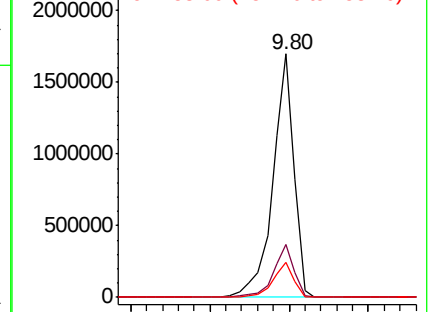
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.607 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

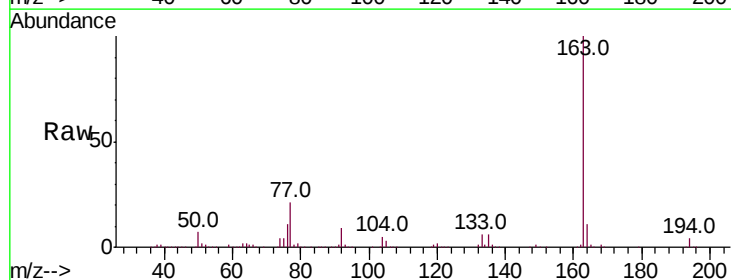
Tgt Ion:163 Resp: 1167297

Ion Ratio Lower Upper

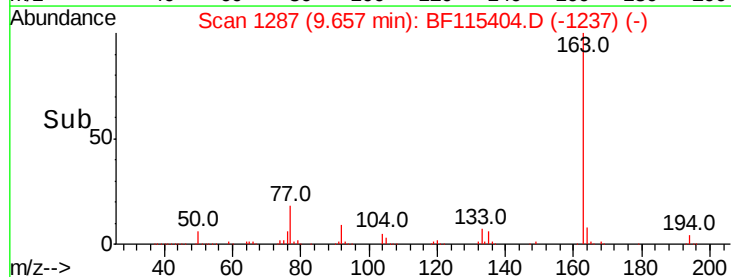
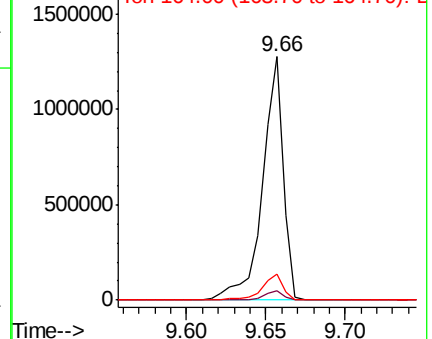
163 100

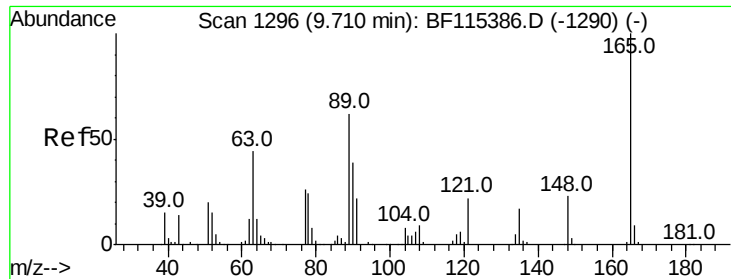
194 4.0 3.3 4.9

164 10.5 8.3 12.5



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





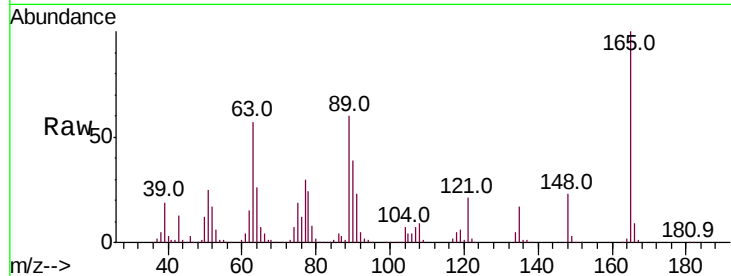
#51
 2,6-Dinitrotoluene
 Concen: 46.847 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleID :
 PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	271971		
63	56.9		45.1	67.7
89	60.1		48.3	72.5

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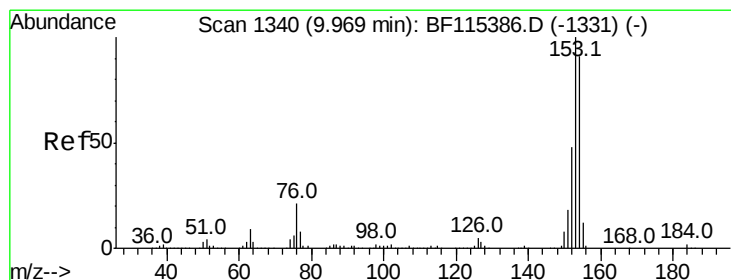
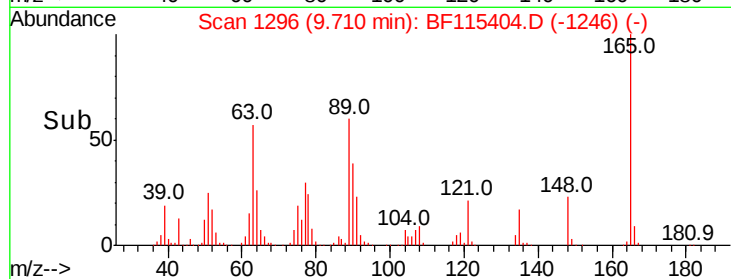
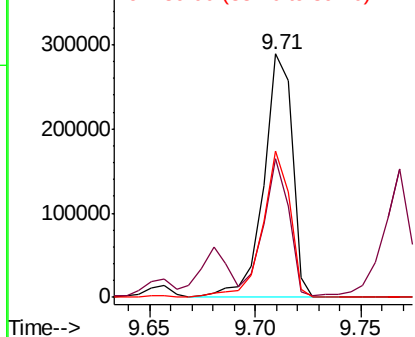


Abundance

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



#52
 Acenaphthene
 Concen: 49.444 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

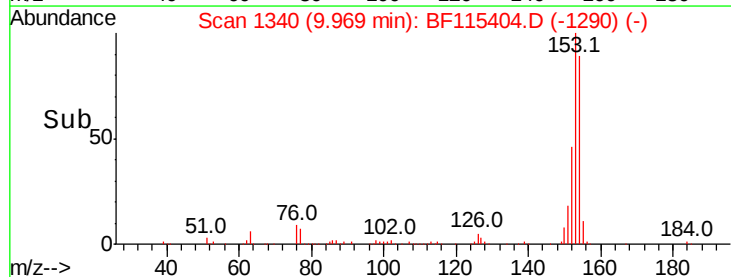
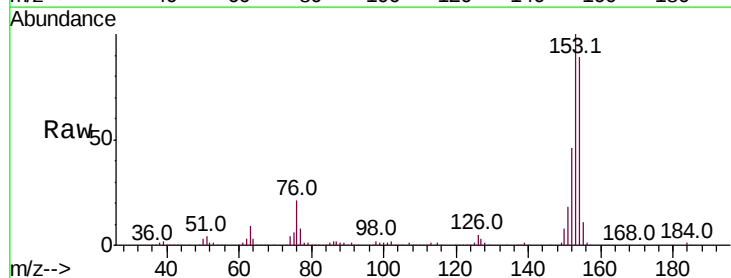
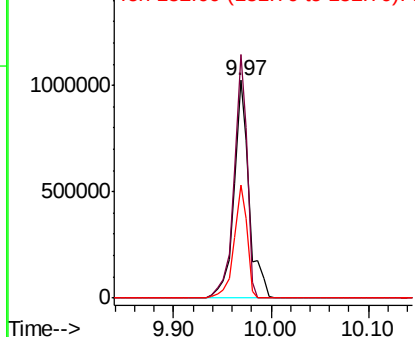
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1091742		
153	111.9		88.6	133.0
152	51.8		42.5	63.7

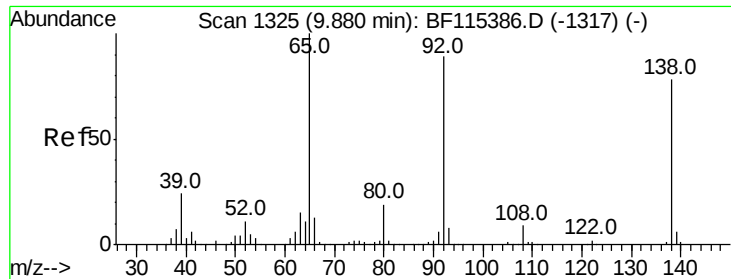
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





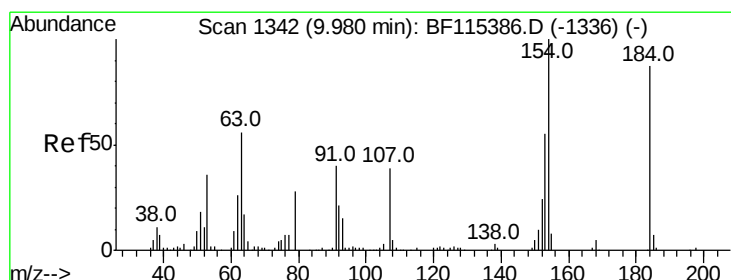
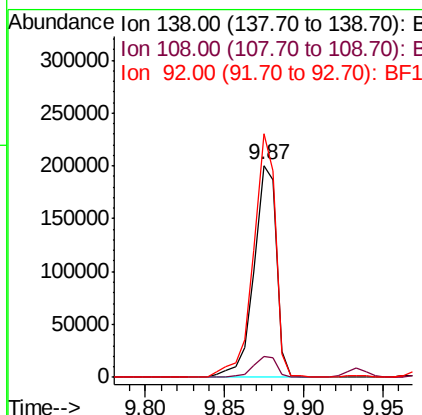
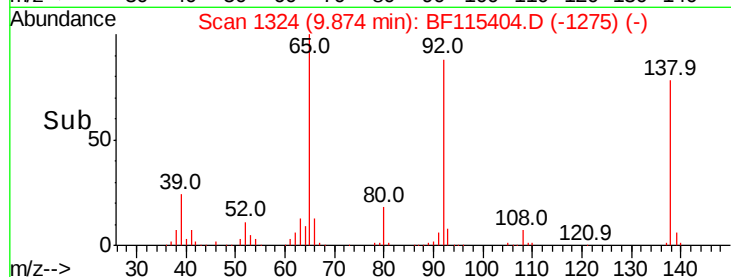
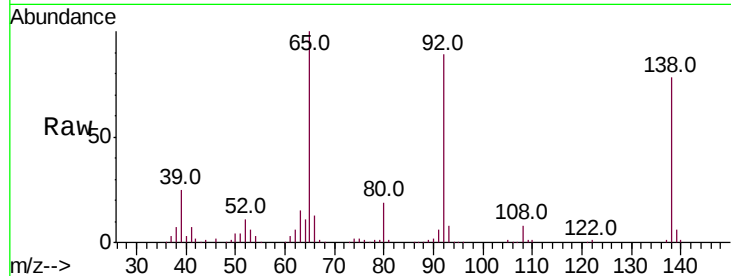
#53
3-Nitroaniline
Concen: 29.579 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.3	12.5
92	115.0	89.6	134.4

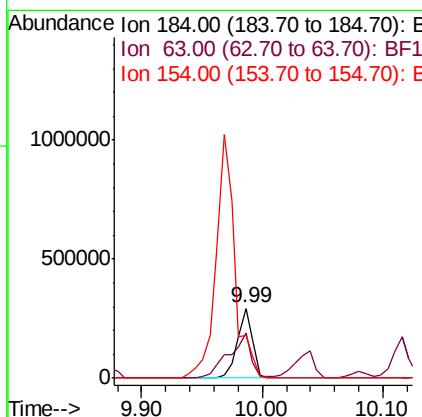
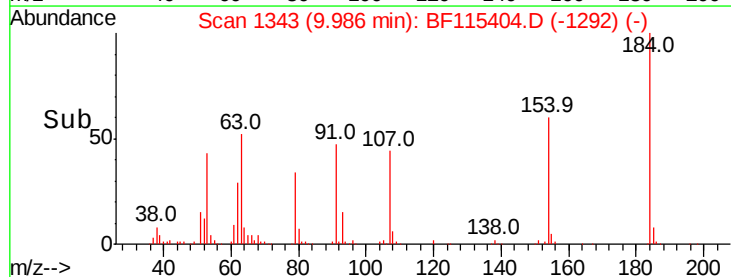
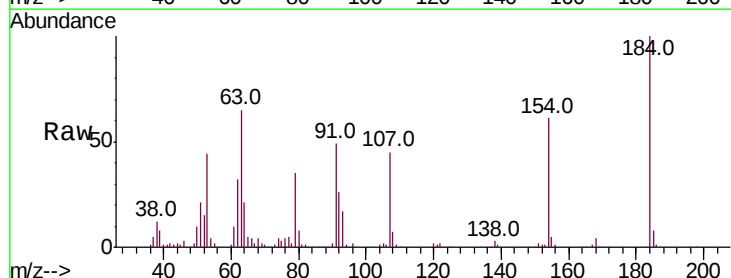
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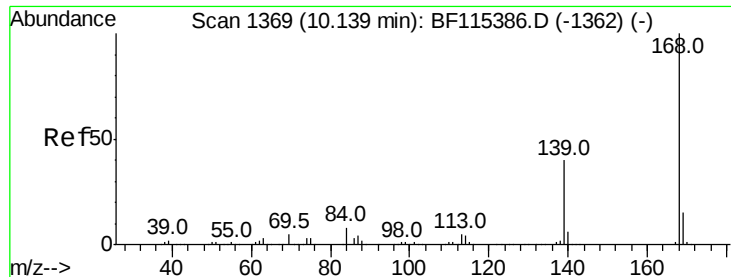
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#54
2,4-Dinitrophenol
Concen: 100.881 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.4	51.7	77.5
154	60.6	55.8	83.8





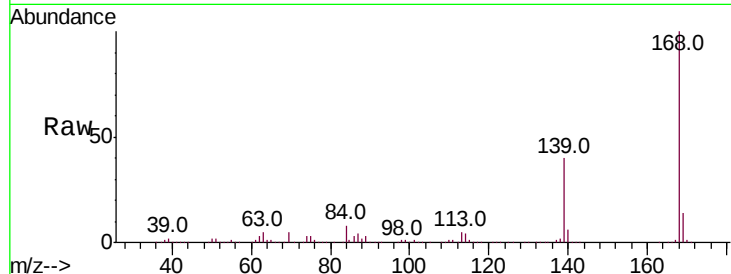
#55
Dibenzenofuran
Concen: 45.180 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

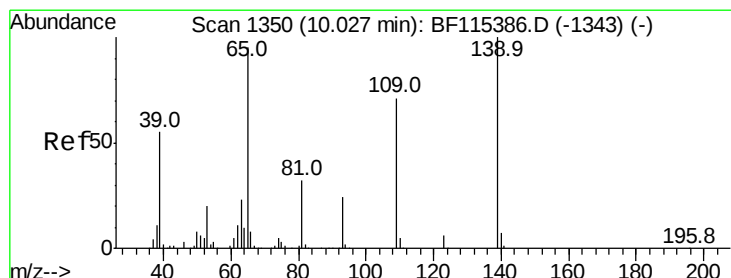
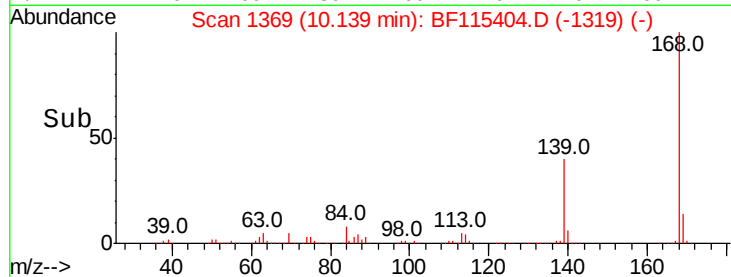
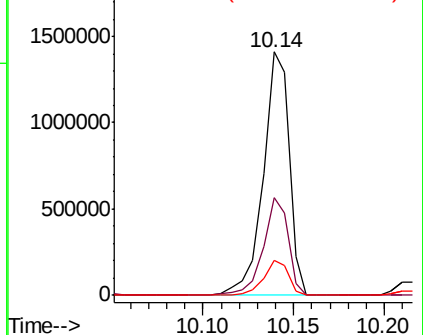
Tot Ion:168 Resp: 1405261
Ion Ratio Lower Upper
168 100
139 40.1 31.7 47.5
169 14.4 11.4 17.0

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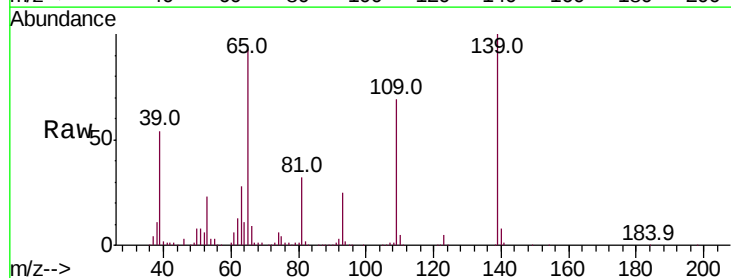


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

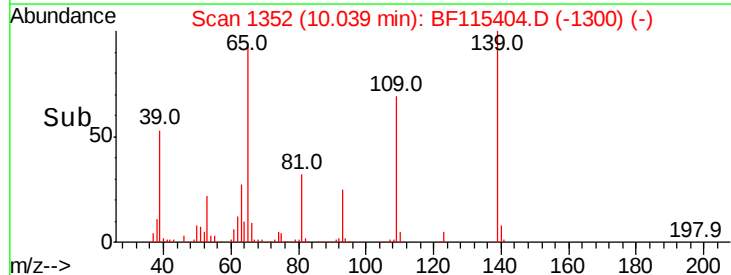
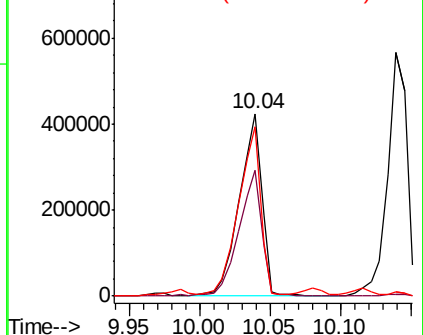


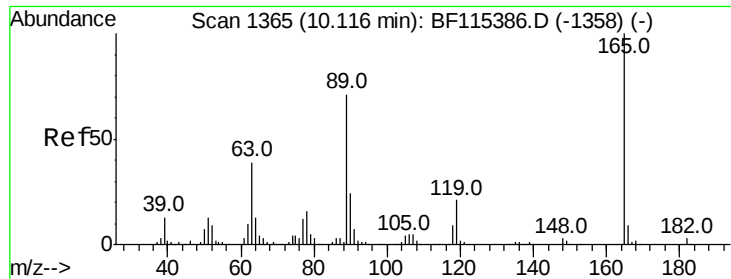
#56
4-Nitrophenol
Concen: 90.181 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:139 Resp: 470455
Ion Ratio Lower Upper
139 100
109 69.1 49.3 89.3
65 93.2 75.1 115.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





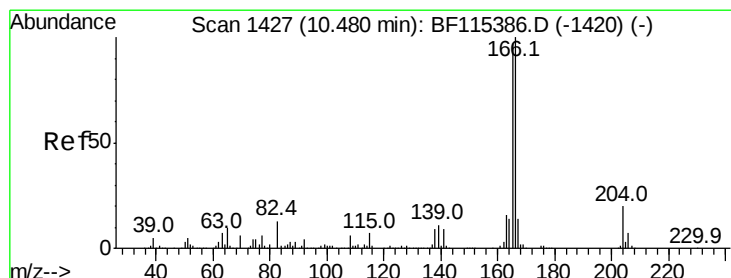
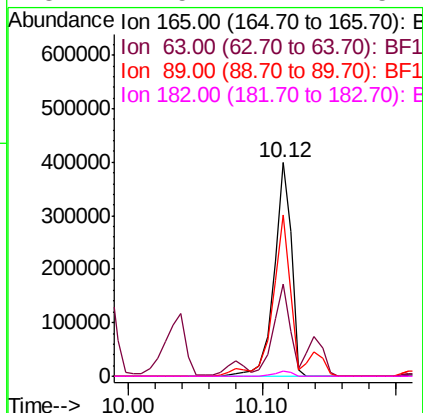
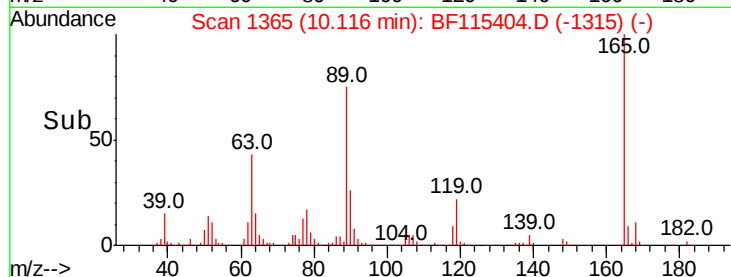
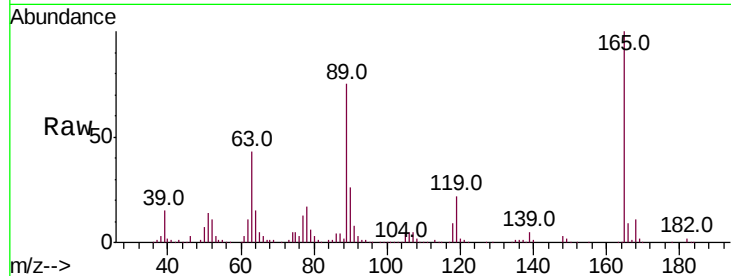
#57
2,4-Dinitrotoluene
Concen: 48.867 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.3	30.0	45.0	
89	75.4	54.8	82.2	
182	2.5	2.1	3.1	

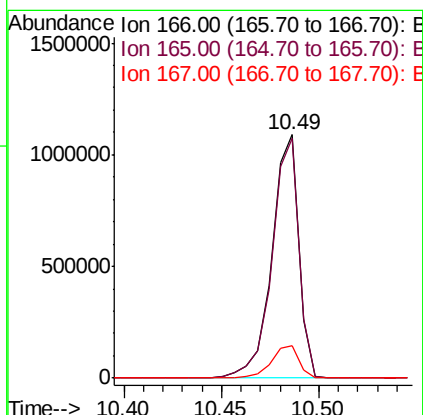
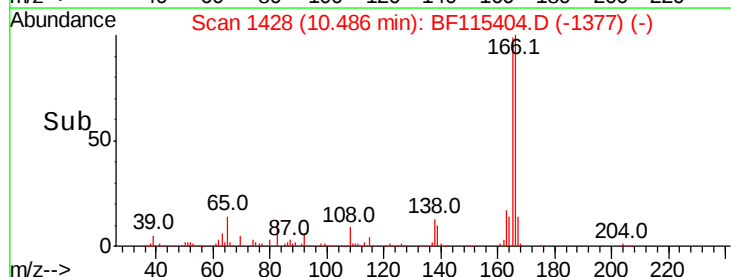
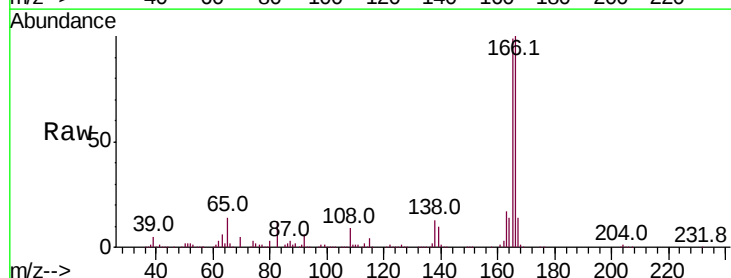
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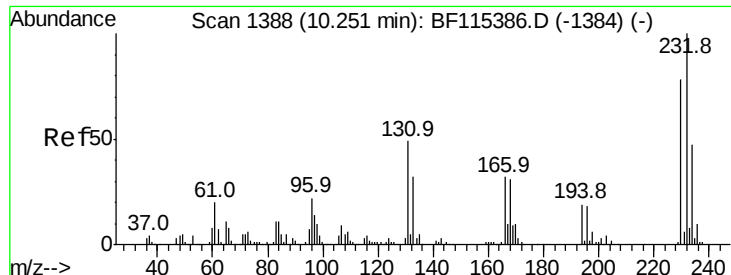
mohammad
7/10/2019 9:04:23 AM



#58
Fluorene
Concen: 42.592 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	79.1	118.7	
167	13.6	11.2	16.8	





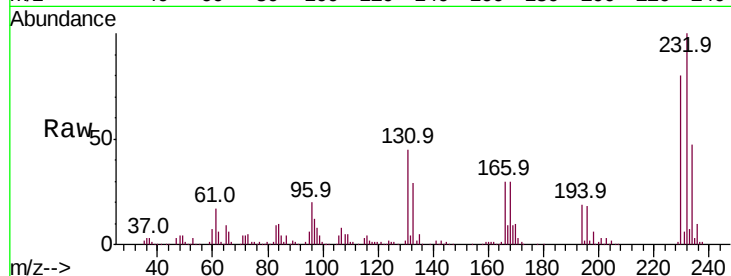
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.257 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.9	53.9
130	2.3	1.8	2.6
166	30.3	24.0	36.0

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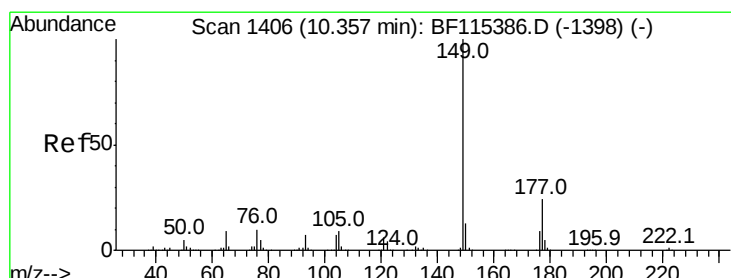
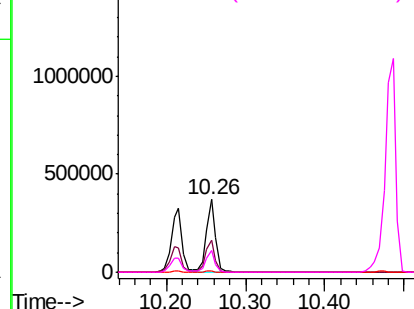
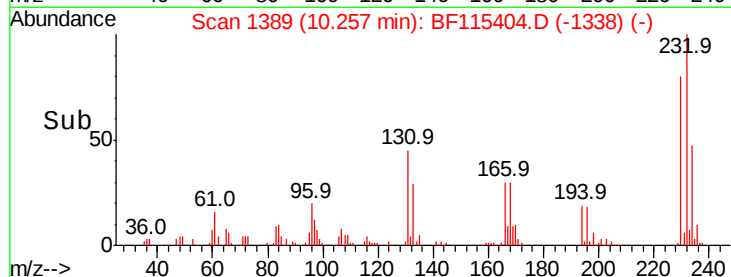
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

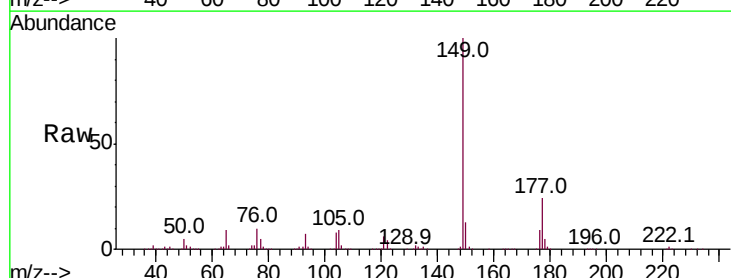
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.053 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	12.9	10.4	15.6

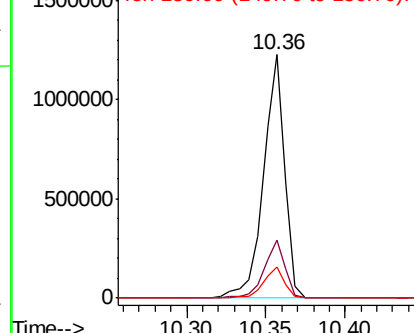
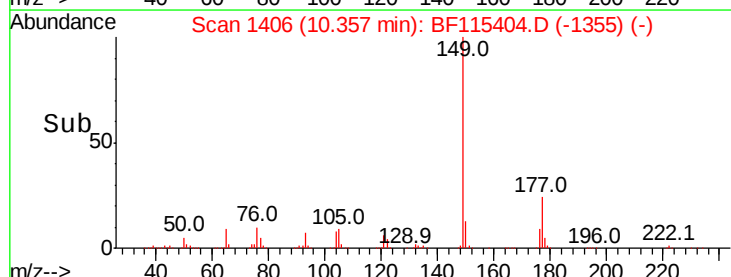


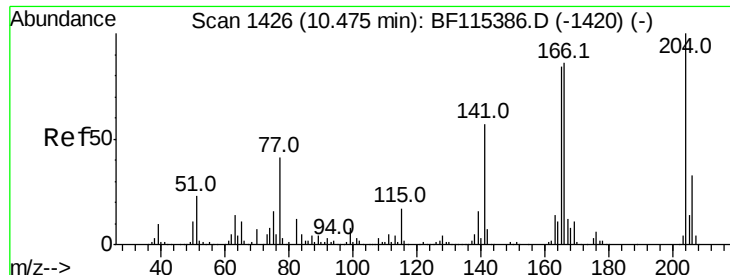
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





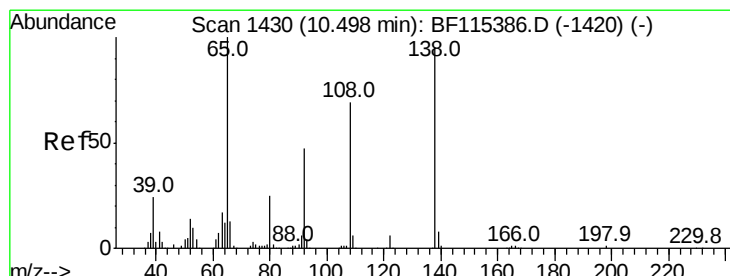
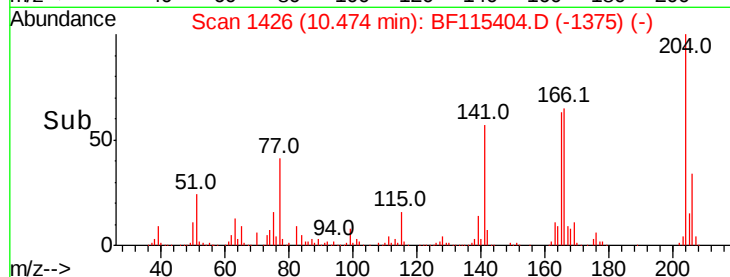
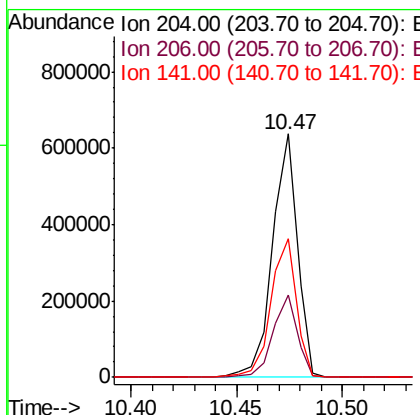
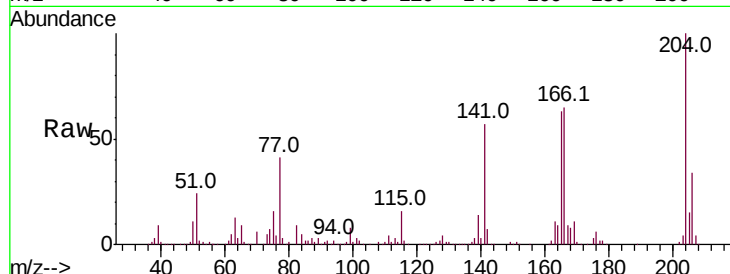
#61
4-Chlorophenyl-phenylether
Concen: 43.878 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.4
141	57.2	47.7	71.5

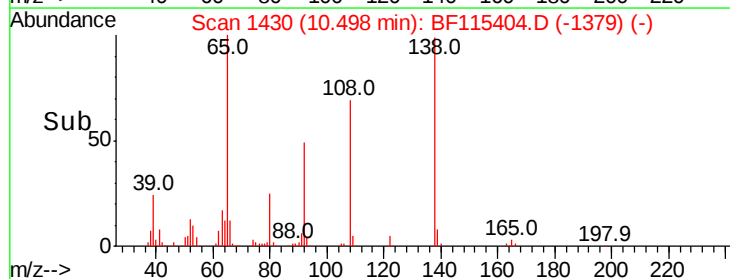
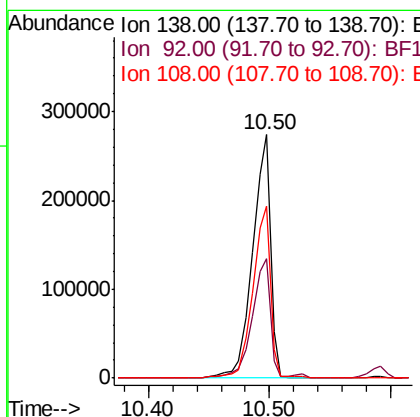
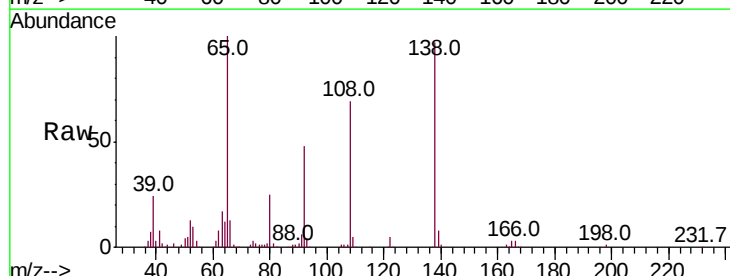
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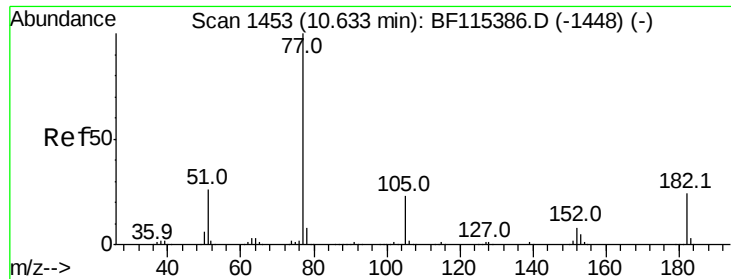
mohammad
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#62
4-Nitroaniline
Concen: 43.343 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.6	70.6
108	70.6	53.3	93.3





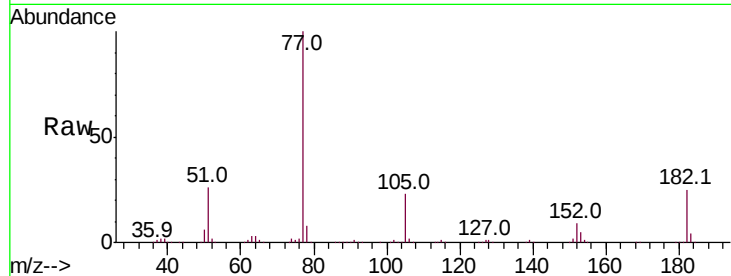
#63
Azobenzene
Concen: 43.336 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	8.8	48.8
105	22.8	3.9	43.9
51	26.4	6.0	46.0

Manual Integrations
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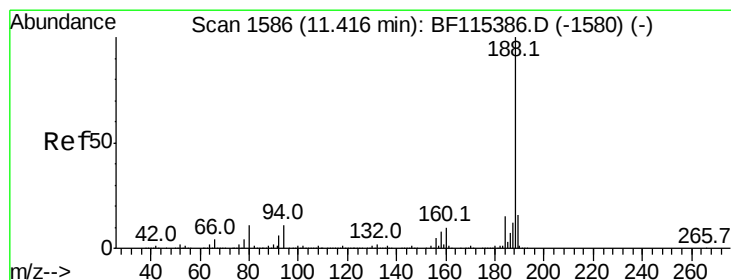
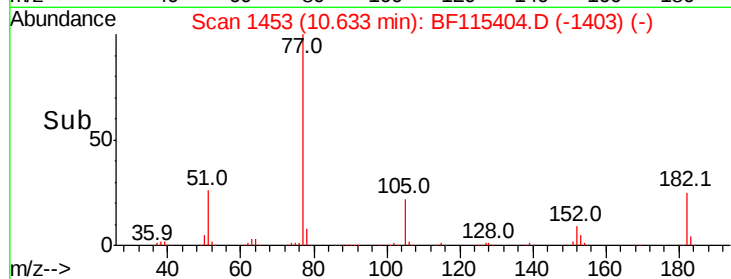
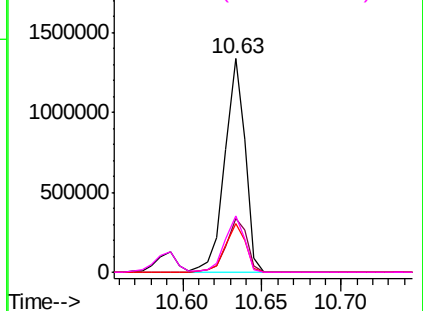
Abundance

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: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

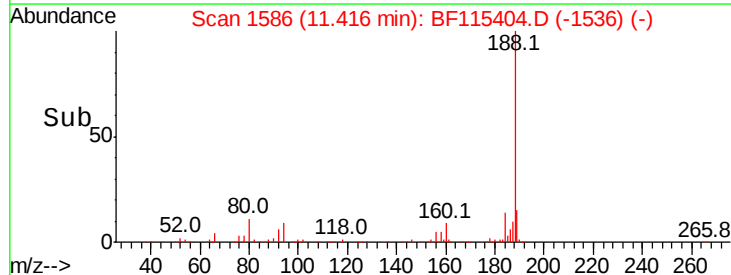
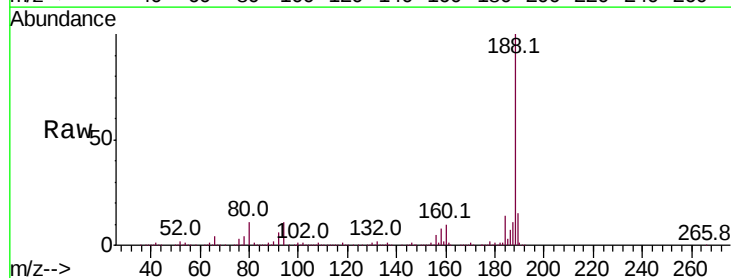
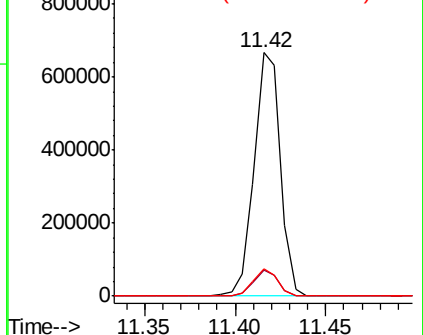
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.9	11.9
80	11.4	8.5	12.7

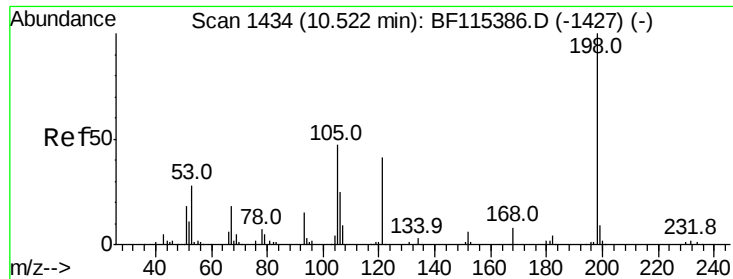
Abundance

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





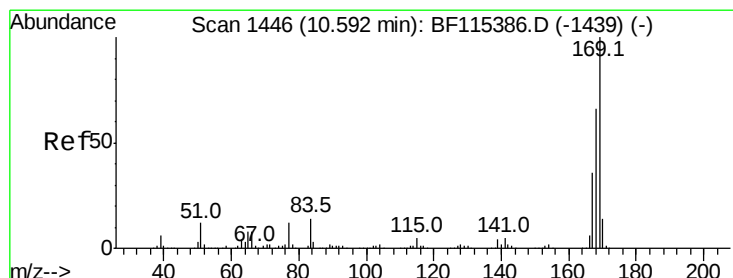
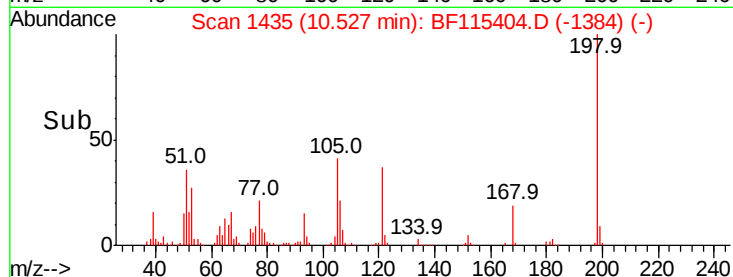
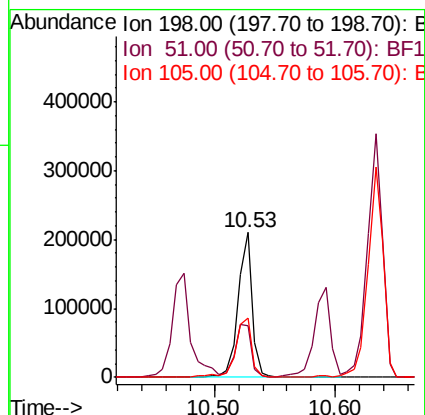
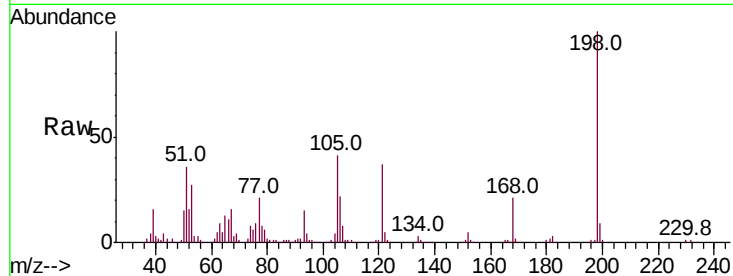
#65
4,6-Dinitro-2-methylphenol
Concen: 52.465 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	171337		
51	35.8	28.1	68.1	
105	41.2	29.4	69.4	

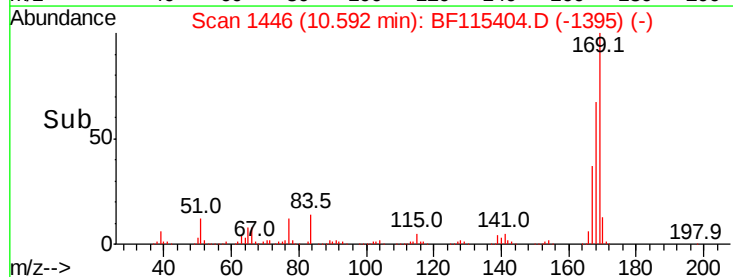
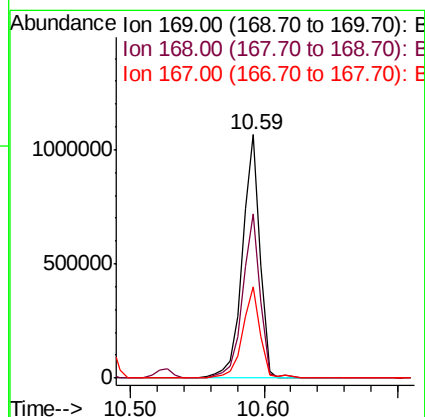
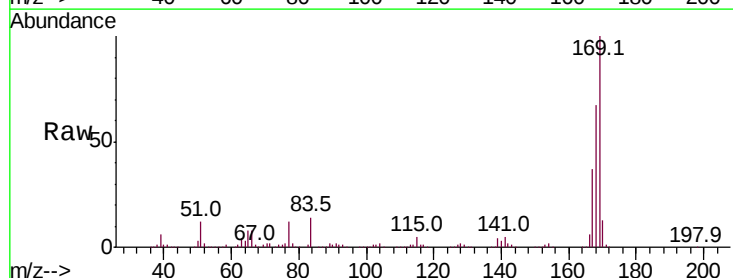
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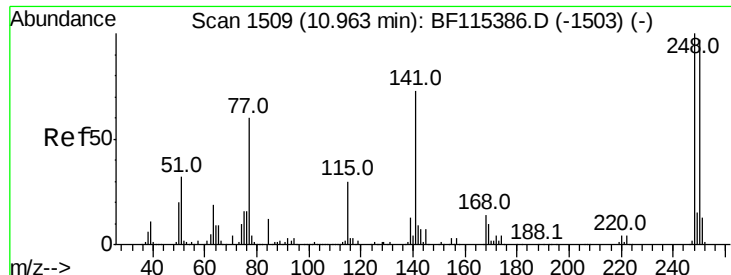
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.718 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	966511		
168	67.4	53.6	80.4	
167	37.3	29.5	44.3	





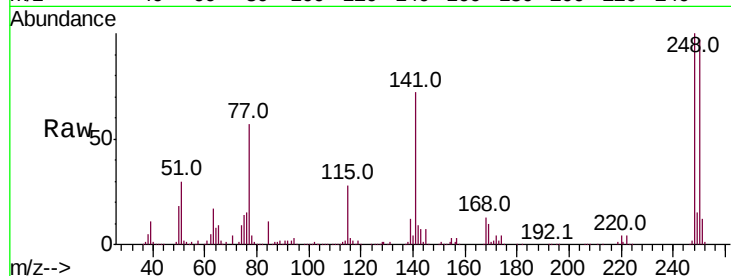
#67
4-Bromophenyl-phenylether
Concen: 44.703 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.1	118.7
141	71.7	49.4	74.2

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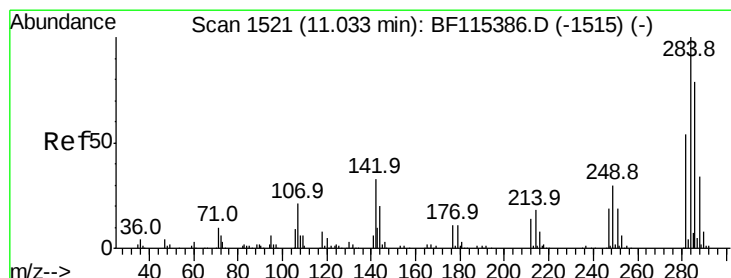
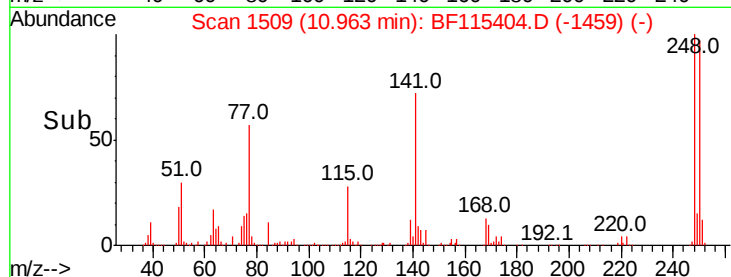
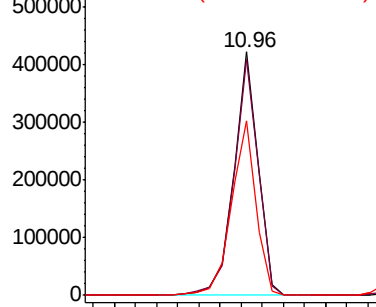


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.358 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

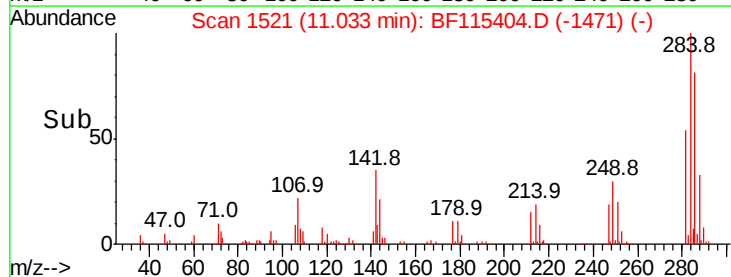
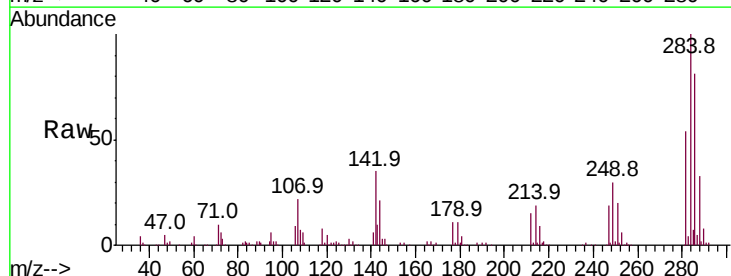
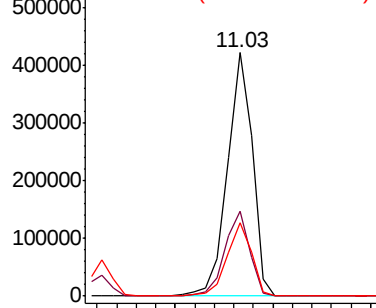
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	25.0	37.6
249	30.4	24.0	36.0

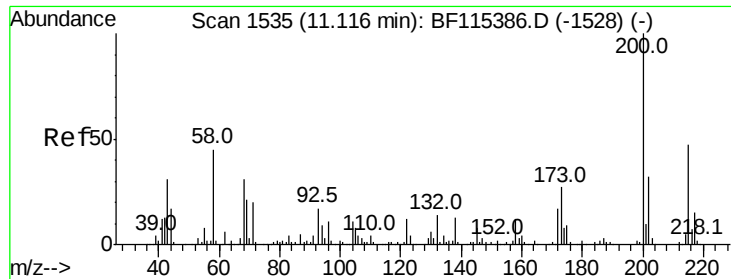
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





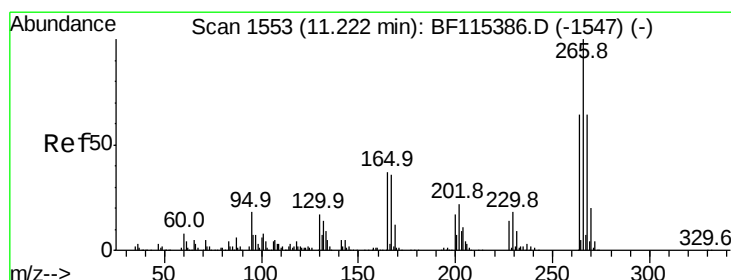
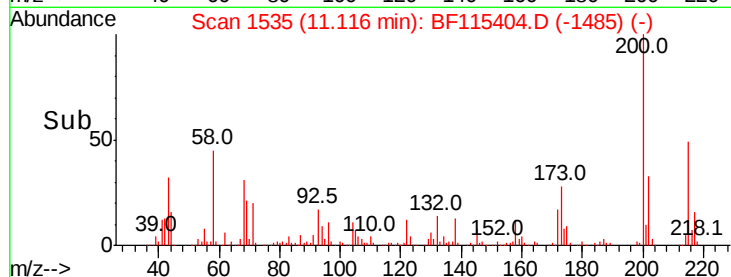
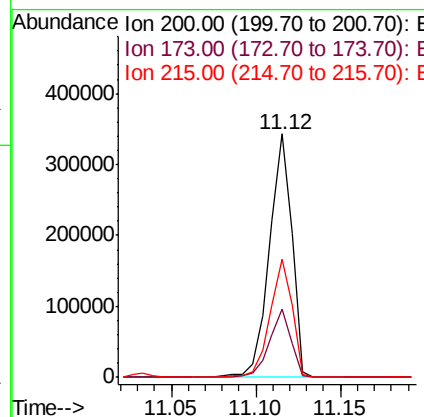
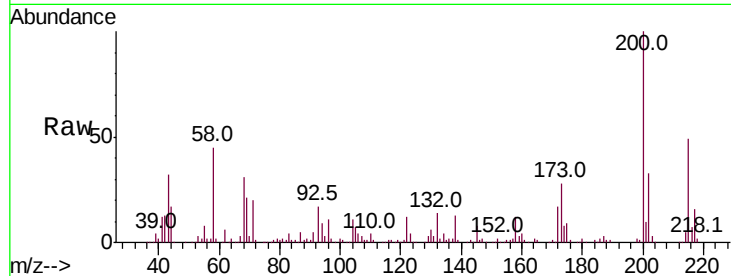
#69
Atrazine
Concen: 48.171 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	6.8	46.8
215	48.8	27.8	67.8

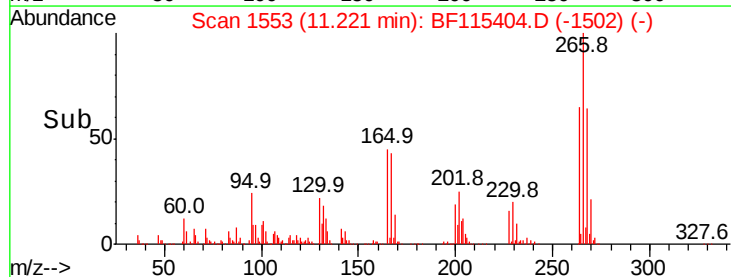
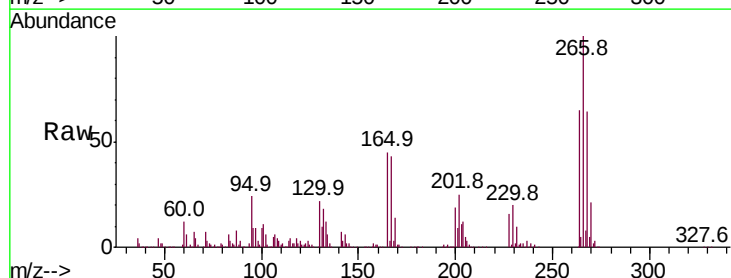
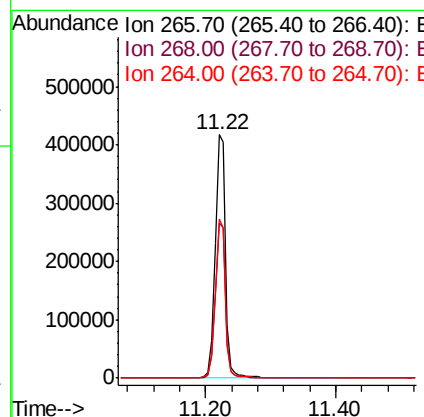
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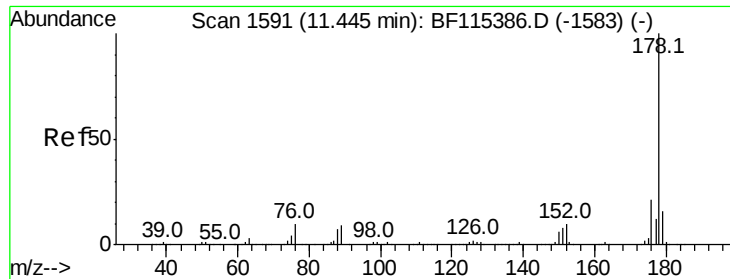
mohammad
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#70
Pentachlorophenol
Concen: 88.219 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	51.4	77.0
264	65.1	51.8	77.6





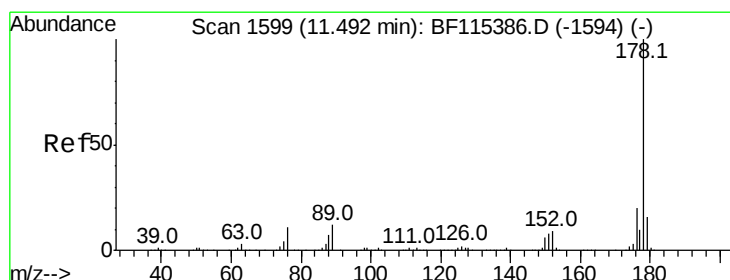
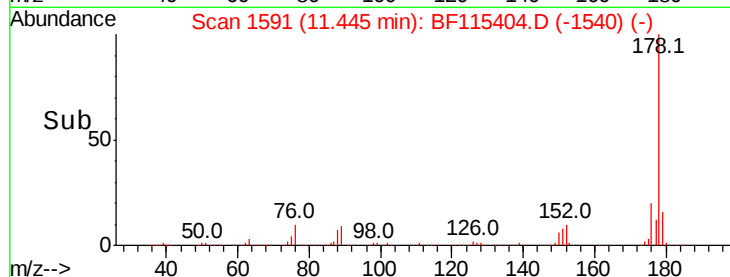
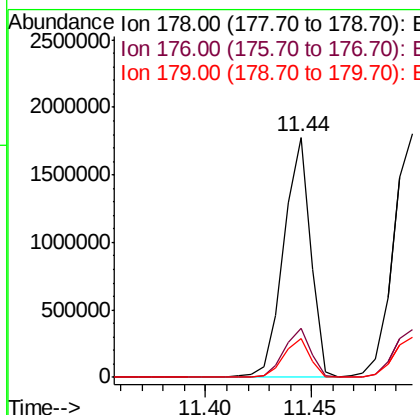
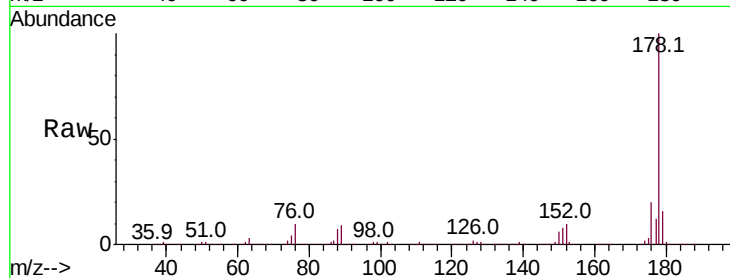
#71
Phenanthrene
Concen: 45.056 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion:178 Resp: 1589902
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 16.1 13.0 19.6

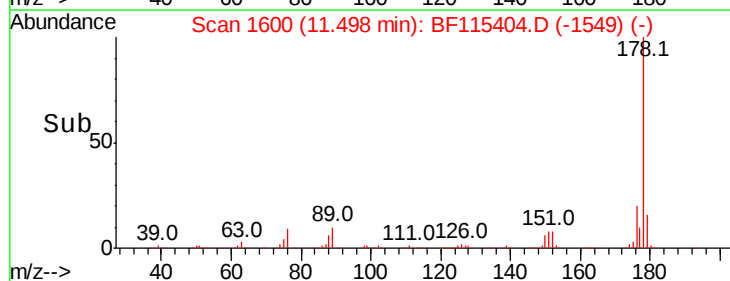
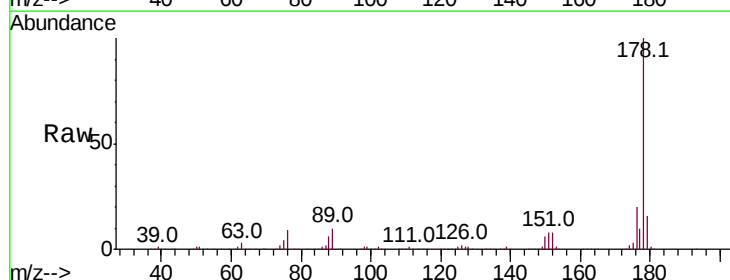
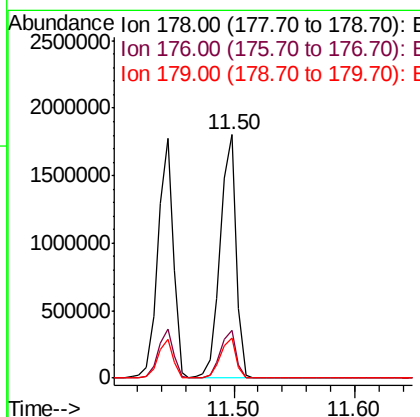
Manual Integrations
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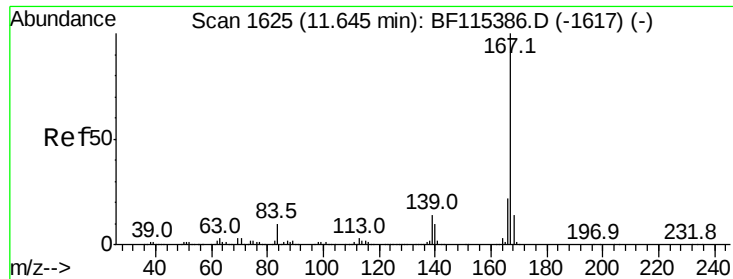
mohammad
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#72
Anthracene
Concen: 45.928 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:178 Resp: 1625173
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 16.4 13.2 19.8





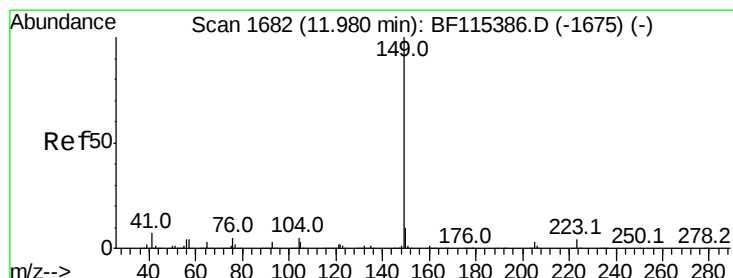
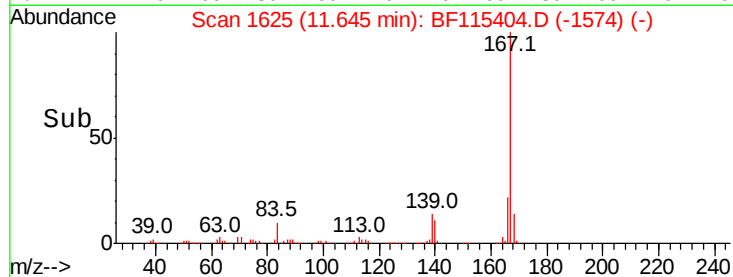
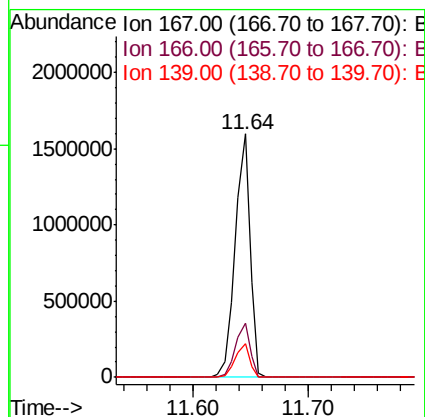
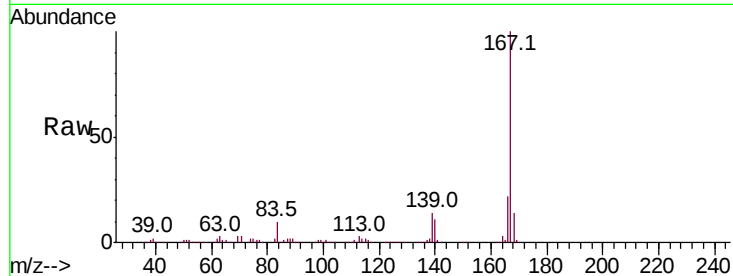
#73
 Carbazole
 Concen: 44.258 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	14.0	11.2	16.8

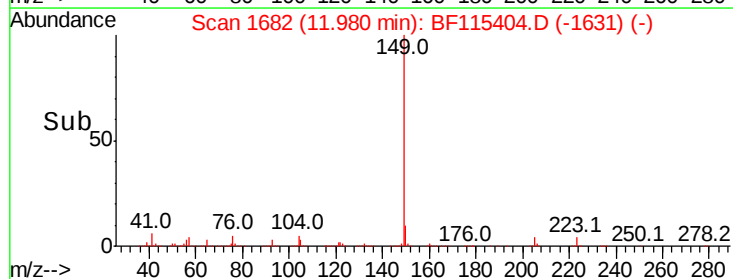
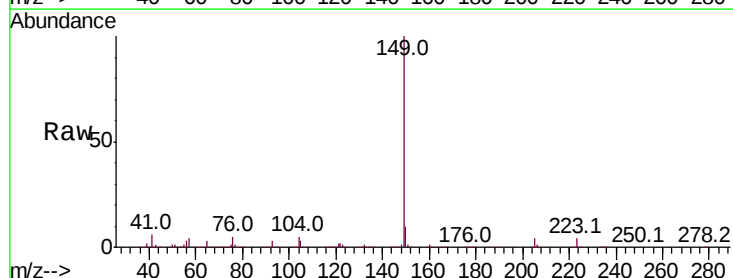
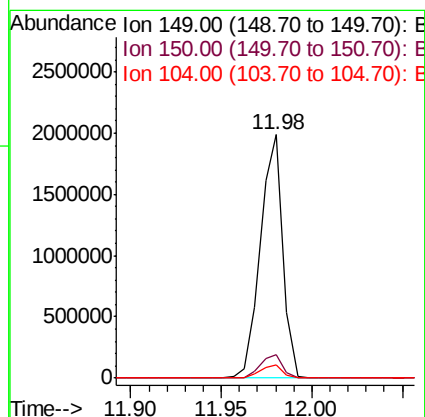
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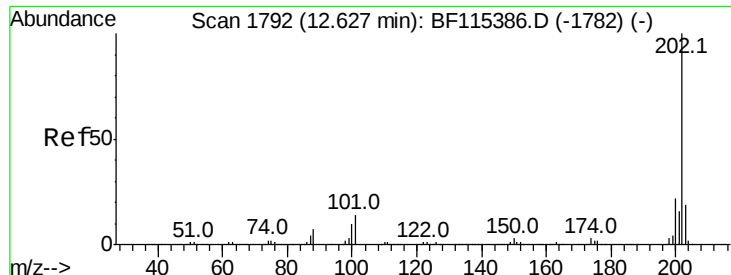
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.665 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.2	4.4	6.6





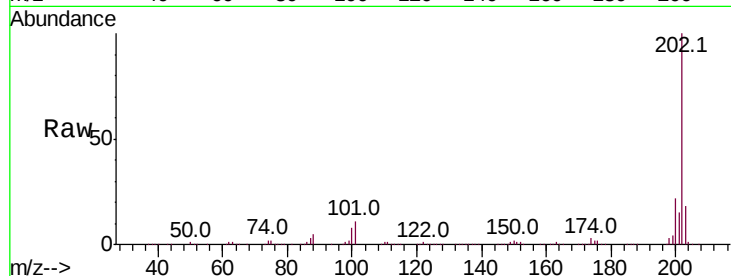
#75
Fluoranthene
 Concen: 44.661 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.3
203	18.2	0.0	38.9

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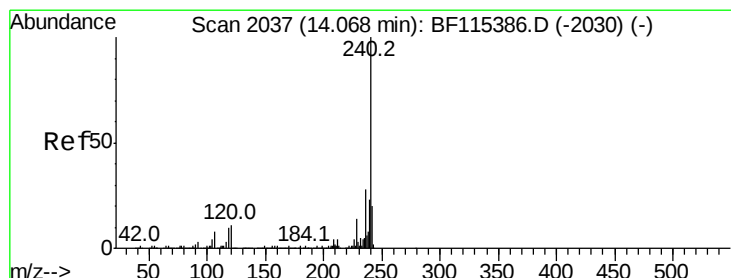
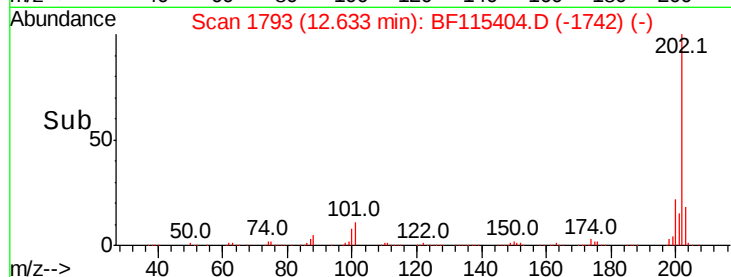
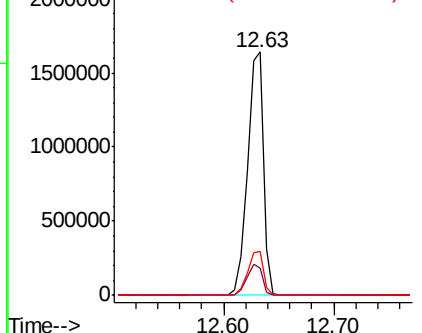


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

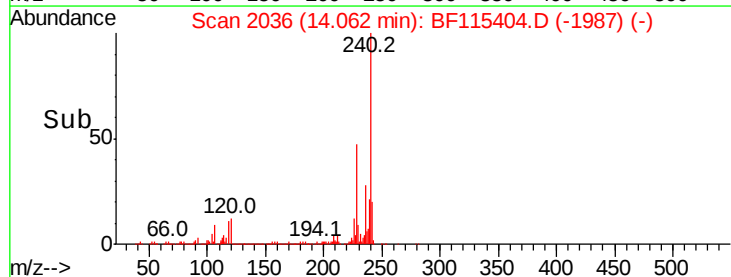
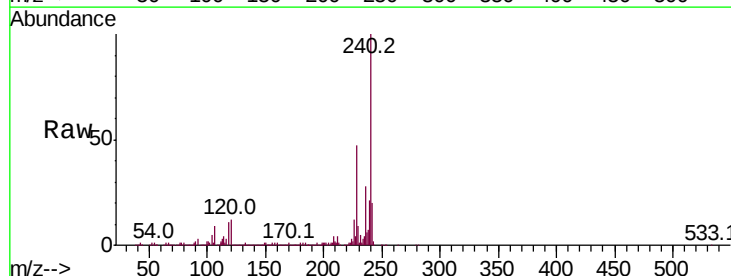
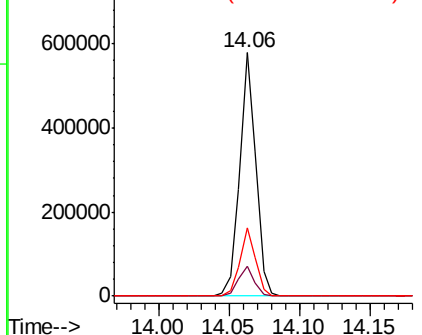
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.5	15.7
236	27.9	21.1	31.7

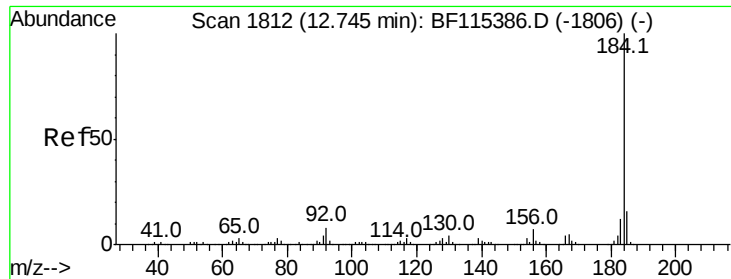
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.503 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

PB121094BS

Tot Ion:184 Resp: 779695

Ion Ratio Lower Upper

184 100

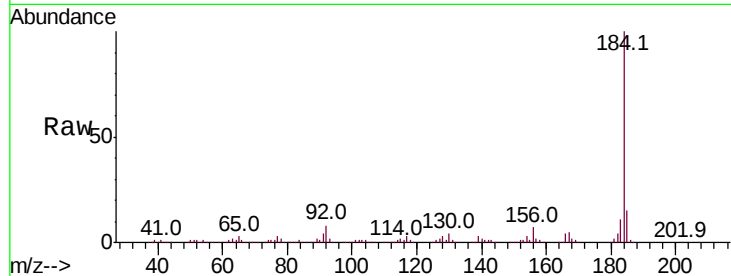
185 15.1 12.5 18.7

183 11.4 9.5 14.3

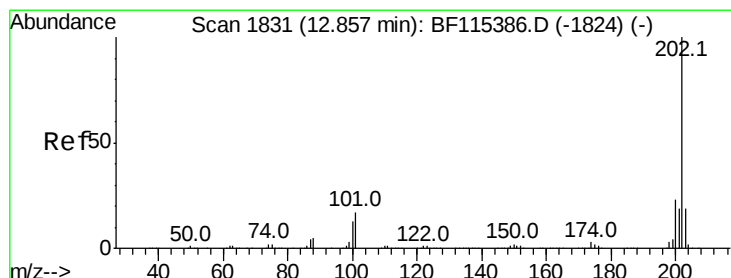
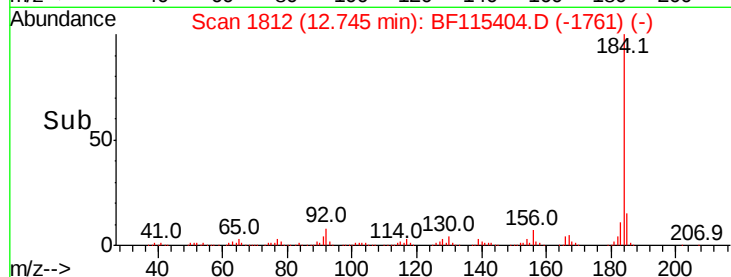
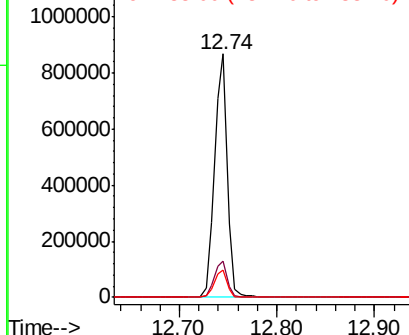
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.692 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

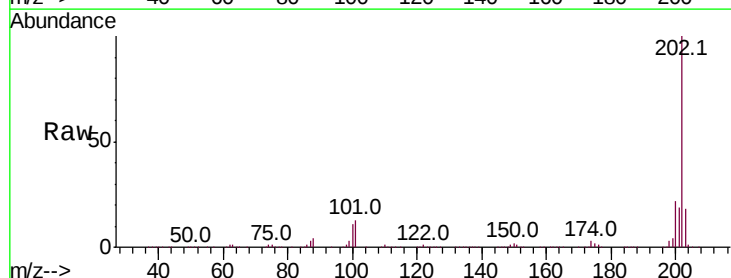
Tgt Ion:202 Resp: 1668835

Ion Ratio Lower Upper

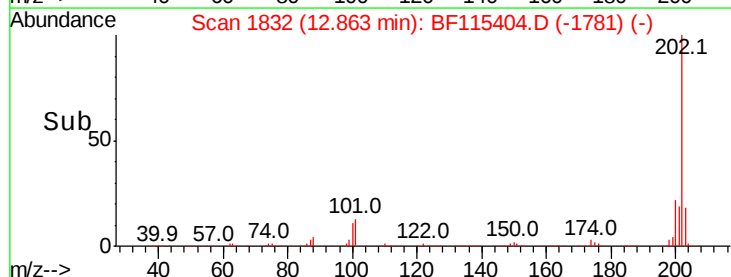
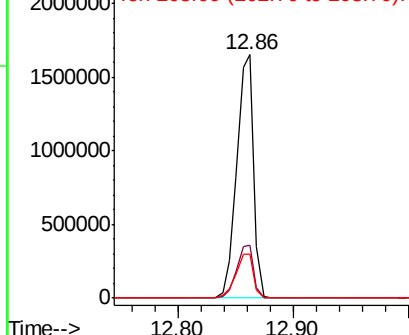
202 100

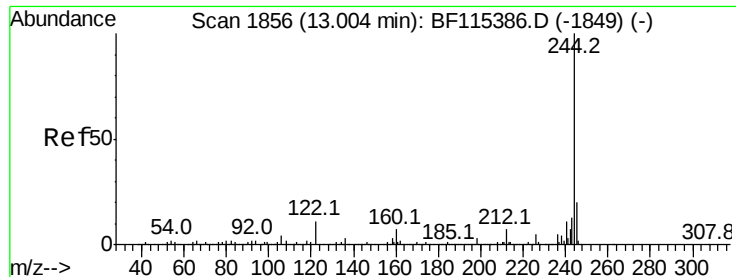
200 21.9 18.5 27.7

203 18.3 15.1 22.7



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





#79

Terphenyl-d14

Concen: 88.514 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

PB121094BS

Tot Ion:244 Resp: 1986898

Ion Ratio Lower Upper

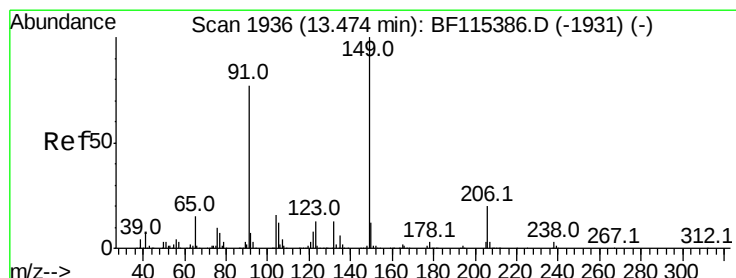
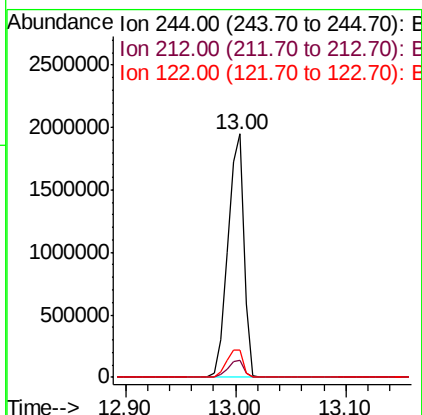
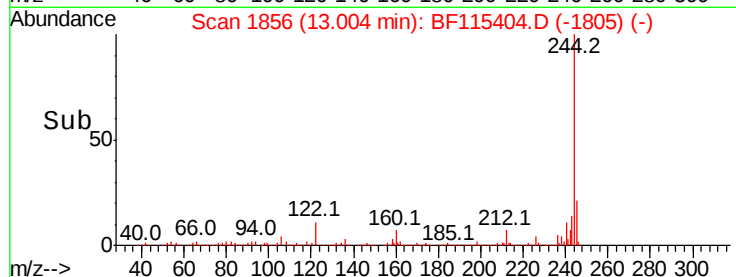
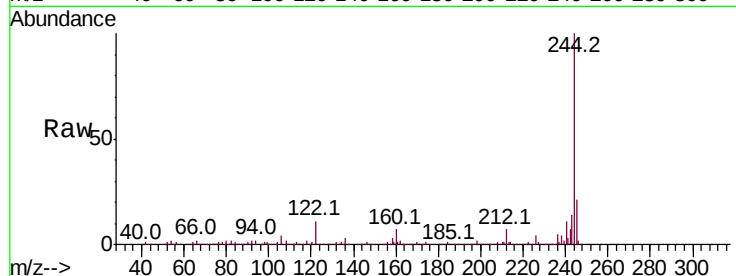
244 100

212 7.0 5.8 8.6

122 11.3 9.7 14.5

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#80

Butylbenzylphthalate

Concen: 46.823 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

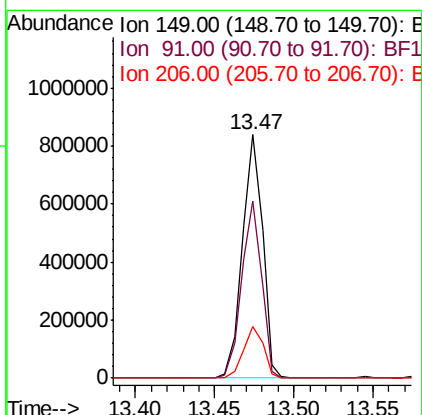
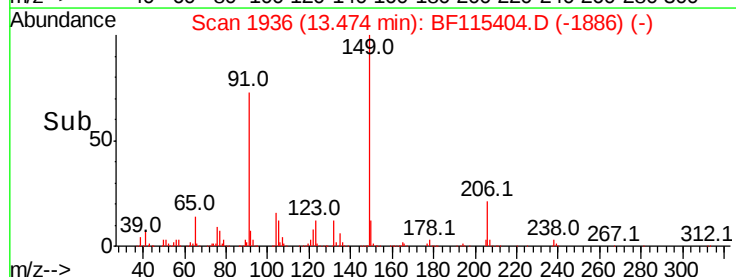
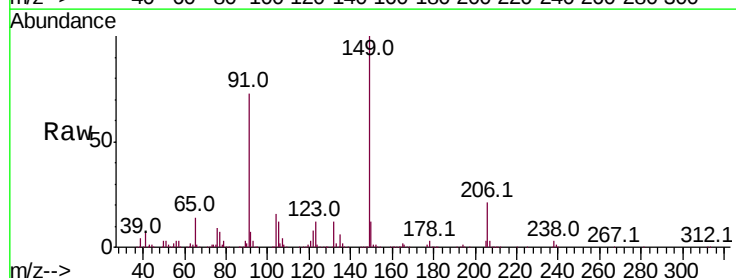
Tgt Ion:149 Resp: 731192

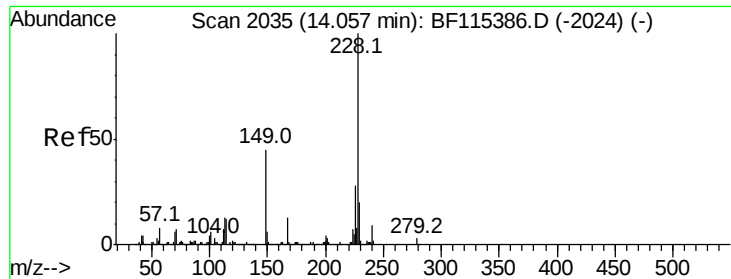
Ion Ratio Lower Upper

149 100

91 72.8 58.1 87.1

206 21.2 17.4 26.0





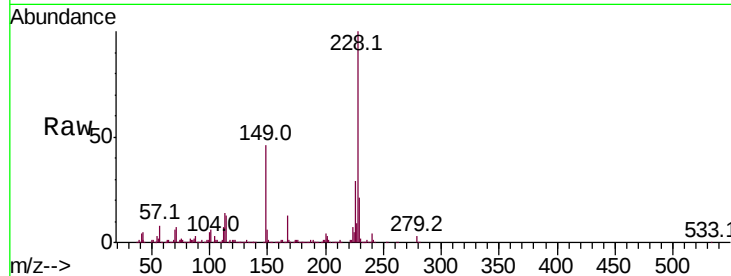
#81
Benzo(a)anthracene
Concen: 44.689 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.2	34.8
229	20.8	16.4	24.6

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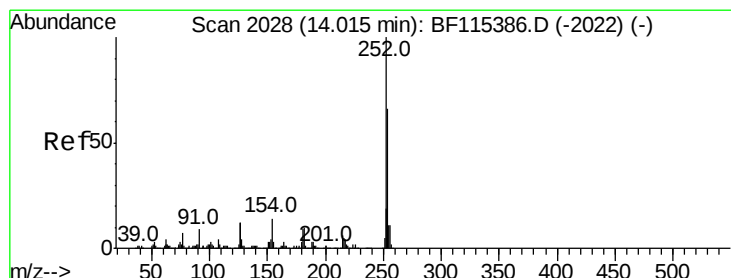
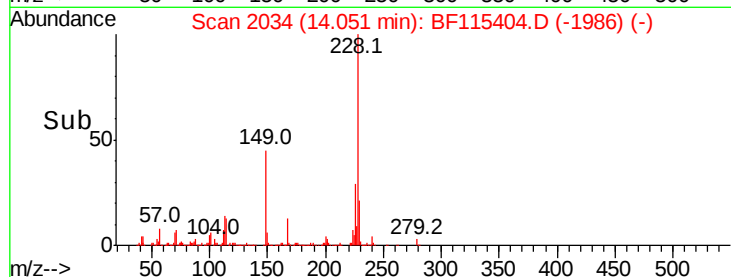
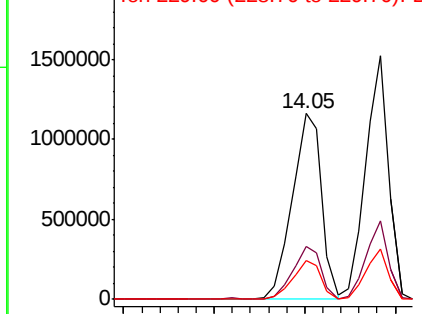


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 34.860 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

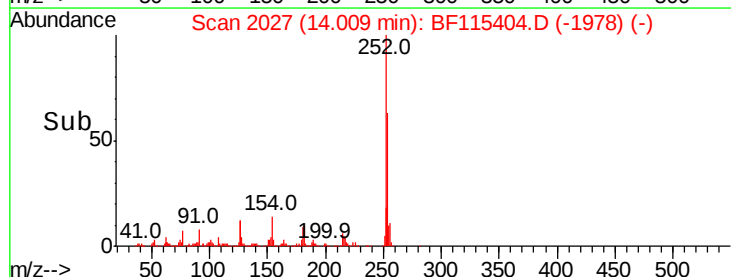
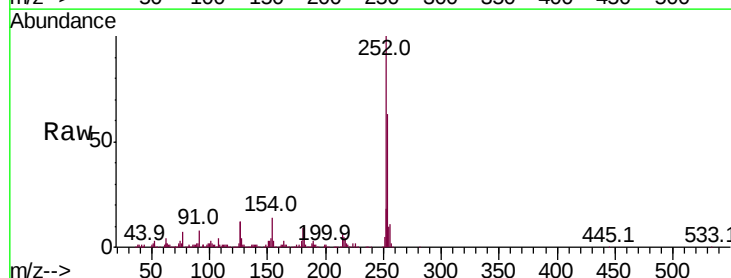
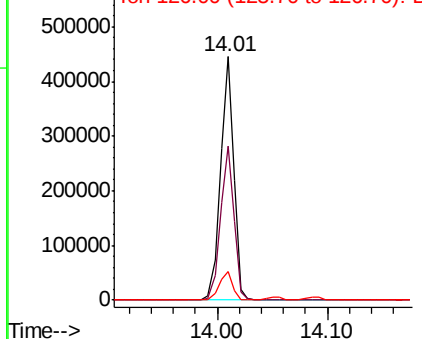
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.2	78.4
126	11.6	10.7	16.1

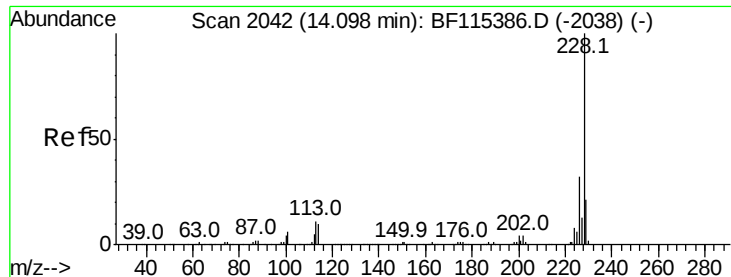
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





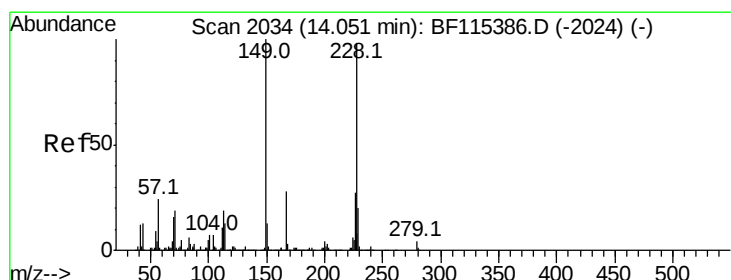
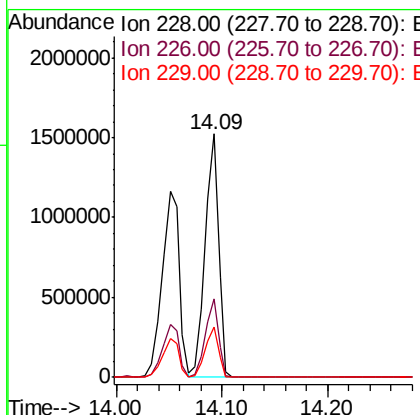
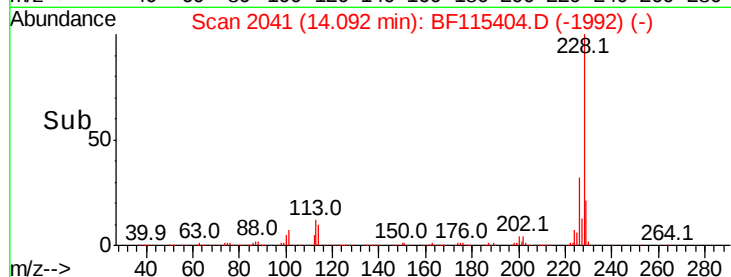
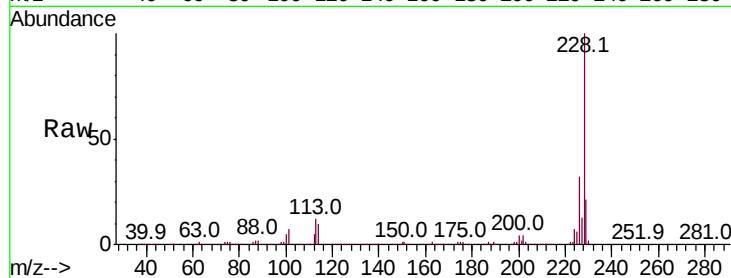
#83
 Chrvsene
 Concen: 44.607 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB121094BS

Tot Ion:228 Resp: 1349709
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.7 38.5
 229 20.8 16.6 24.8

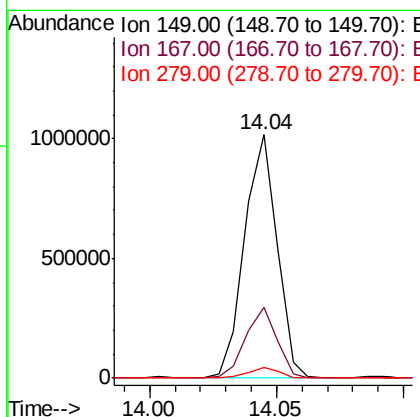
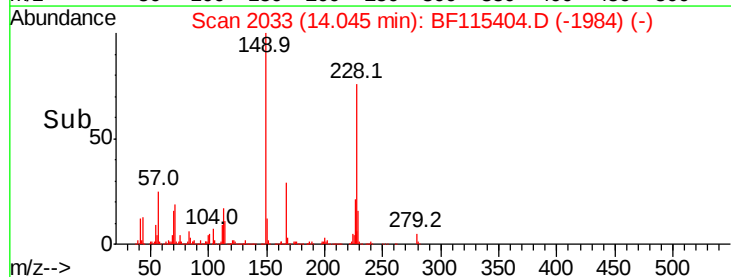
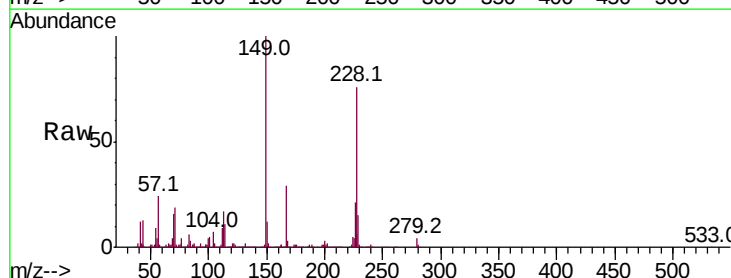
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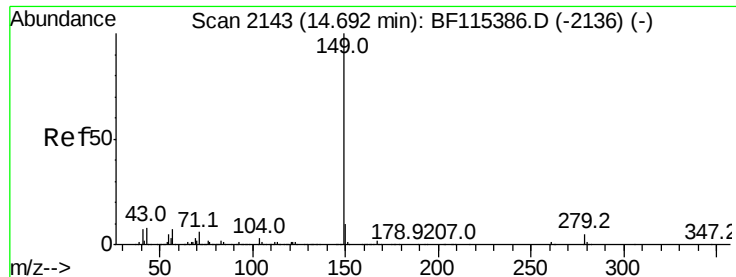
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.726 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion:149 Resp: 903636
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.6 33.8
 279 4.5 3.6 5.4





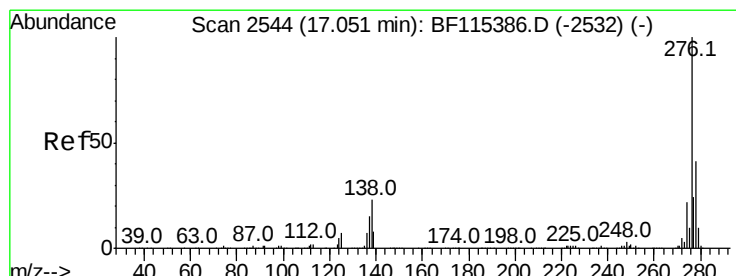
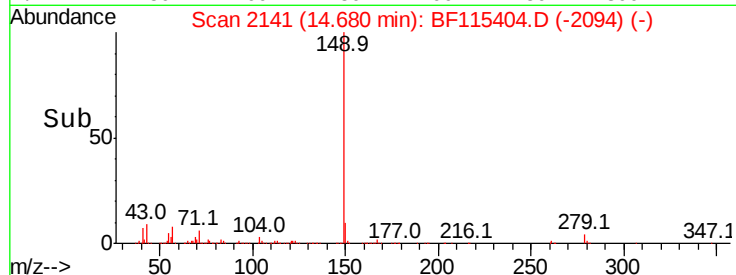
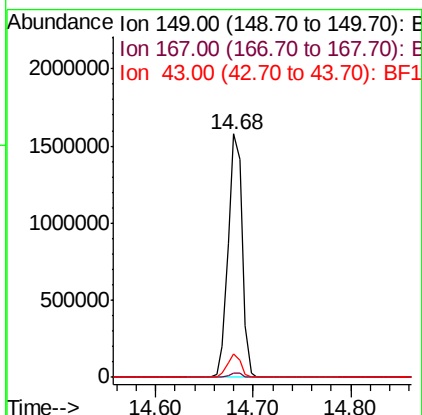
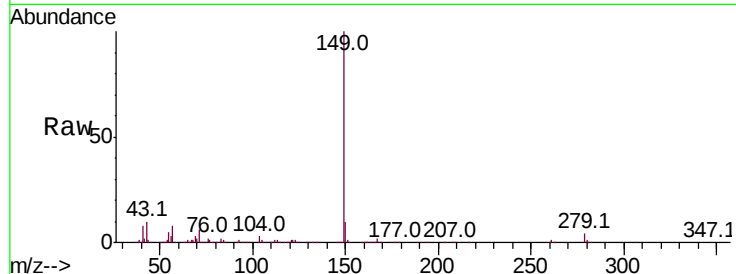
#85
Di-n-octyl phthalate
Concen: 45.590 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.4	11.0

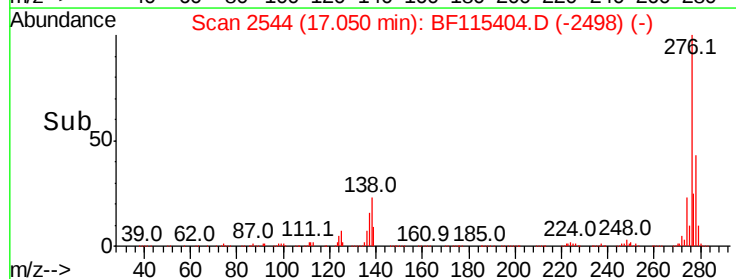
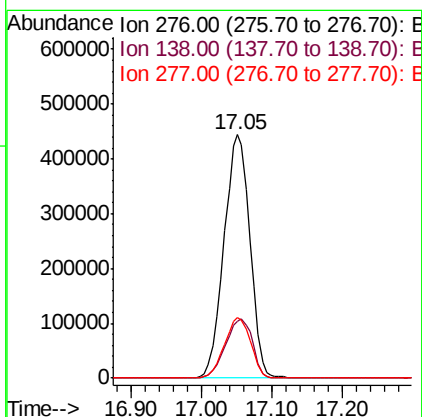
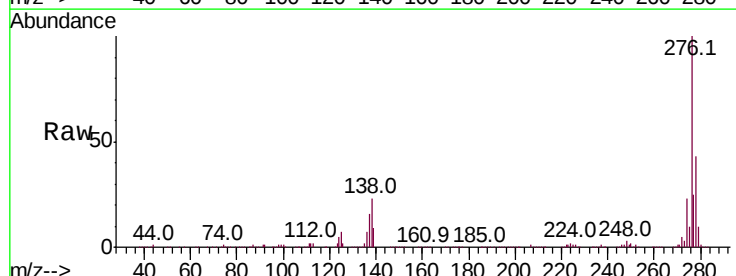
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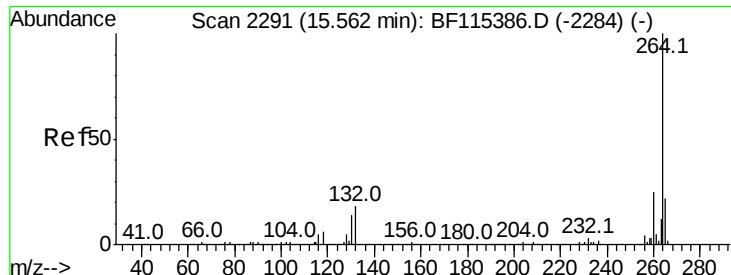
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.680 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.4	30.6
277	25.4	20.2	30.2





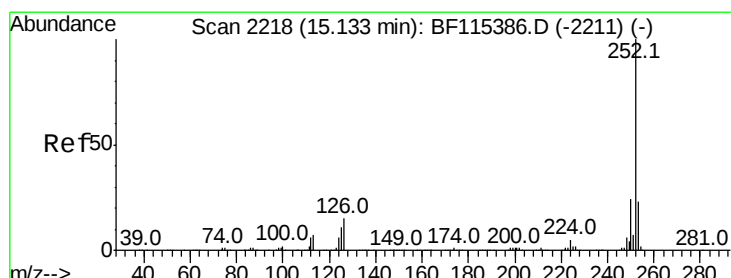
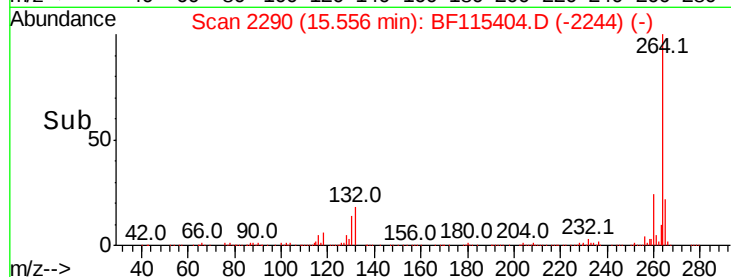
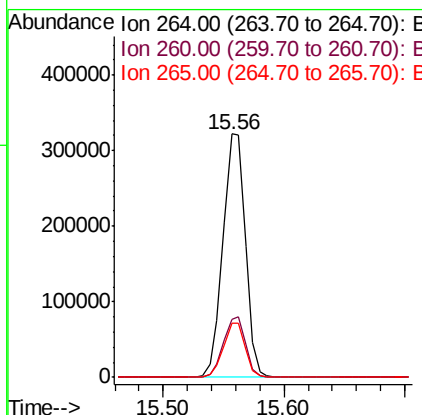
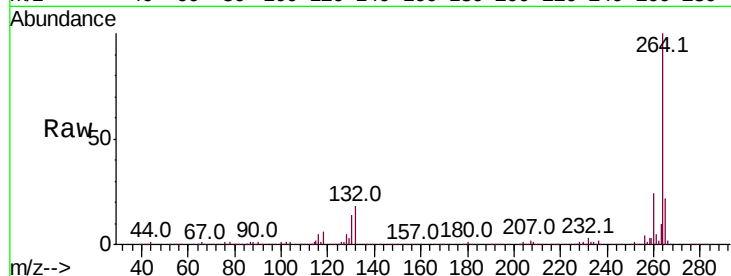
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.03 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	22.3	17.6	26.4

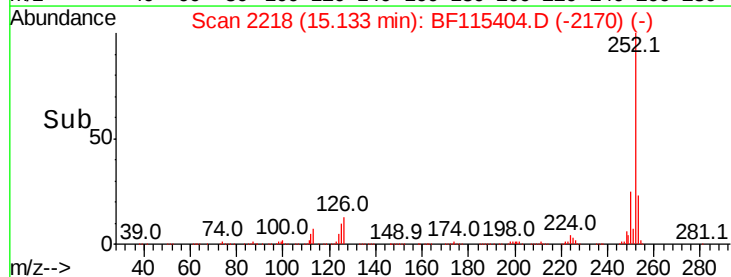
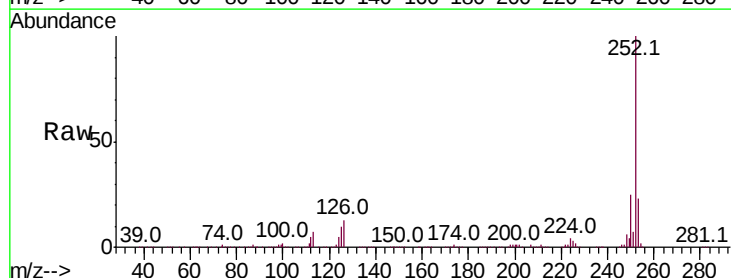
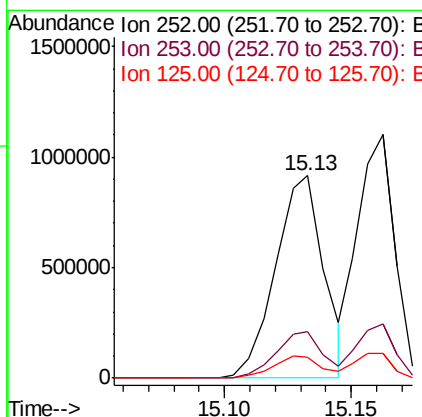
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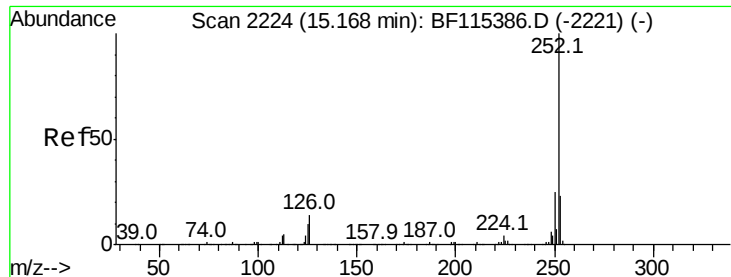
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.994 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	10.1	9.0	13.4





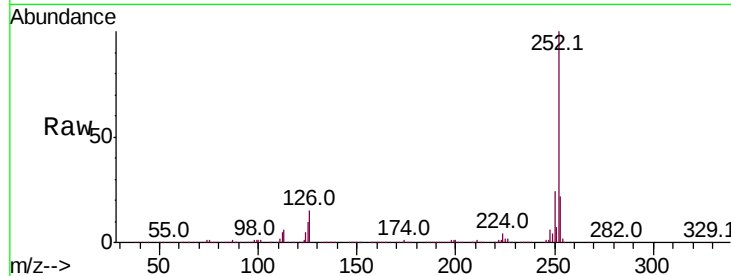
#89
Benzo(k)fluoranthene
Concen: 46.885 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

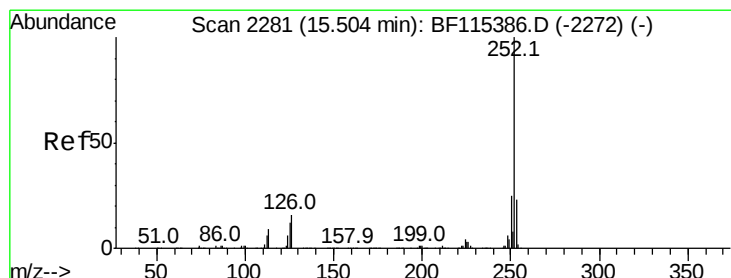
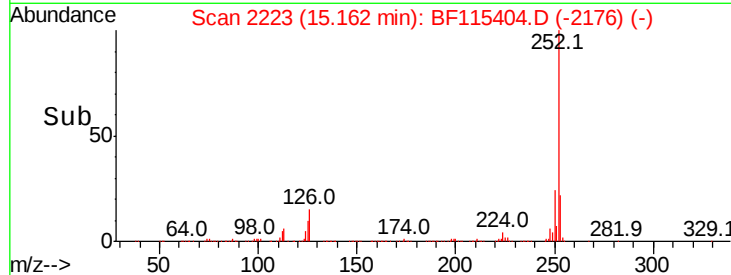
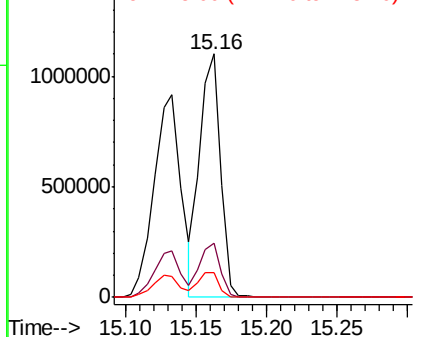
Tot Ion:252 Resp: 1126676
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.1 8.2 12.4

Manual Integrations
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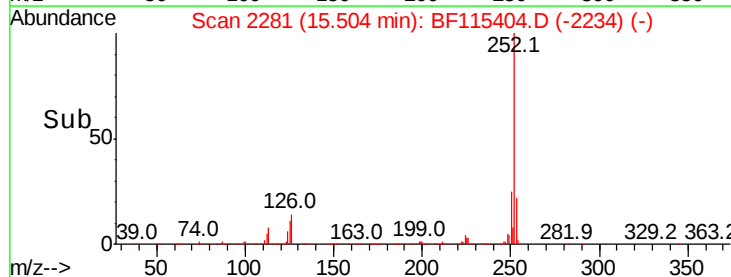
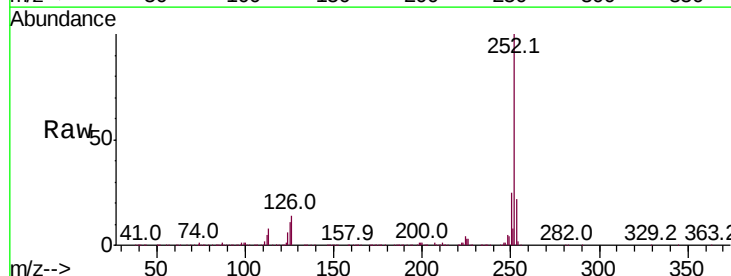
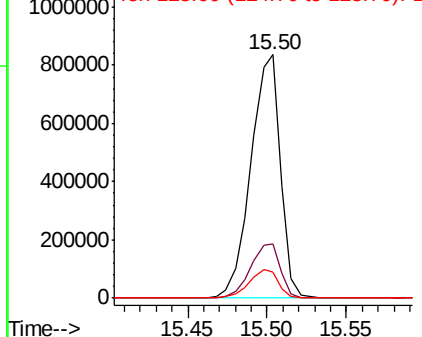
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

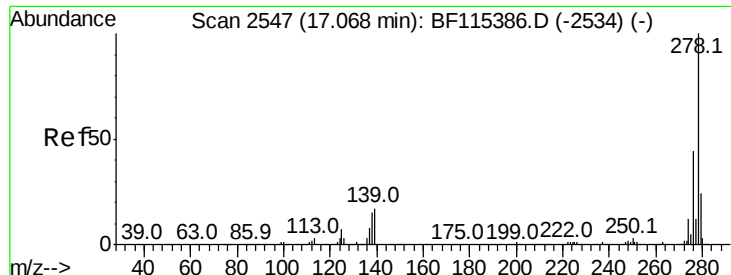


#90
Benzo(a)pyrene
Concen: 46.545 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:252 Resp: 1084759
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.9 9.0 13.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





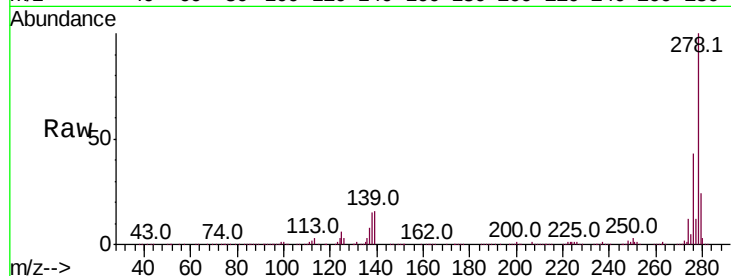
#91
Dibenzo(a,h)anthracene
Concen: 47.664 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.03 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :
PB121094BS

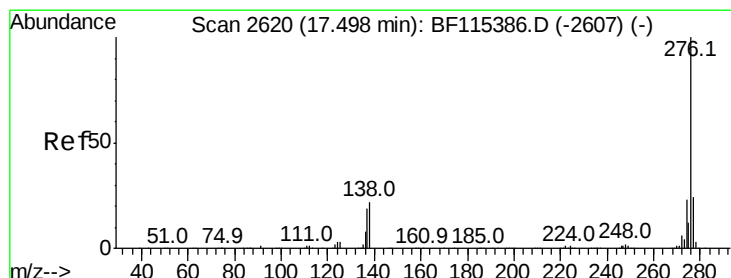
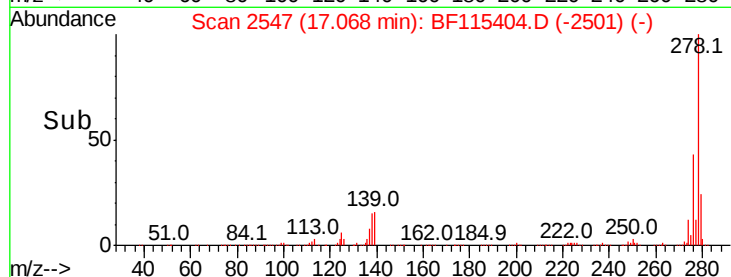
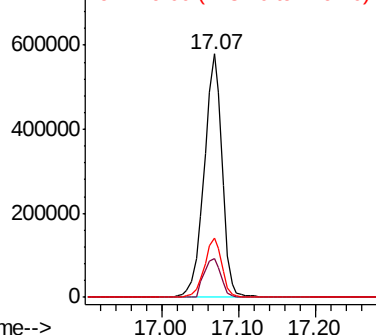
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.4	20.2
279	24.2	20.0	30.0

Manual Integrations
APPROVED

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7/10/2019 9:04:23 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: 49.682 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	22.6	17.6	26.4

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

