

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115203.D
 Acq On : 25 Jun 2019 22:25
 Operator : HP/JU
 Sample : K3164-09MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:48 PM

Quant Time: Jun 26 07:33:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	257354	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	876314	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	355321	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	626089	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	563877	20.00	ng	-0.02
87) Perylene-d12	15.09	264	676432	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1756583	105.33	ng	0.01
7) Phenol-d6	6.25	99	2153640	106.40	ng	0.00
23) Nitrobenzene-d5	7.18	82	1304957	91.61	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	448800	119.78	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2142911	102.44	ng	-0.01
79) Terphenyl-d14	12.70	244	2119892	79.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	230165	29.243	ng	100
3) Pyridine	2.91	79	590311	26.610	ng	98
4) n-Nitrosodimethylamine	2.85	42	258814	29.761	ng	98
6) Aniline	6.27	93	467961	16.821	ng	# 66
8) 2-Chlorophenol	6.40	128	584635	31.177	ng	99
9) Benzaldehyde	6.15	77	381914	28.920	ng	96
10) Phenol	6.27	94	675897	28.506	ng	98
11) bis(2-Chloroethyl)ether	6.35	93	542006	31.011	ng	99
12) 1,3-Dichlorobenzene	6.55	146	661902	31.804	ng	98
13) 1,4-Dichlorobenzene	6.63	146	670210	32.115	ng	99
14) 1,2-Dichlorobenzene	6.78	146	615157	31.830	ng	99
15) Benzyl Alcohol	6.75	79	424021	28.768	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	750707	29.614	ng	97
17) 2-Methylphenol	6.87	107	475770	30.737	ng	97
18) Hexachloroethane	7.12	117	231741	30.801	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	365791	28.227	ng	97
20) 3+4-Methylphenols	7.02	107	541460	30.295	ng	88
22) Acetophenone	7.02	105	759883	37.877	ng	# 97
24) Nitrobenzene	7.19	77	570431	36.347	ng	97
25) Isophorone	7.44	82	967364	33.149	ng	99
26) 2-Nitrophenol	7.51	139	297814	38.426	ng	96
27) 2,4-Dimethylphenol	7.55	122	490474	38.652	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	636659	34.517	ng	100
29) 2,4-Dichlorophenol	7.75	162	451161	34.452	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	522821	36.144	ng	98
31) Naphthalene	7.91	128	1588701	36.933	ng	99
32) Benzoic acid	7.67	122	15403m	1.700	ng	
33) 4-Chloroaniline	7.96	127	346930	17.647	ng	99
34) Hexachlorobutadiene	8.04	225	286943	36.199	ng	99
35) Caprolactam	8.31	113	117748m	26.744	ng	
36) 4-Chloro-3-methylphenol	8.45	107	410819	30.977	ng	99
37) 2-Methylnaphthalene	8.60	142	1007491	34.737	ng	98
38) 1-Methylnaphthalene	8.70	142	934408	33.732	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	424719	42.299	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	347490	58.364	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	277135	35.751	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	287932	36.069	ng	98
46) 1,1'-Biphenyl	9.07	154	1135138	39.926	ng	99
47) 2-Chloronaphthalene	9.09	162	888677	38.535	ng	99
48) 2-Nitroaniline	9.18	65	236822	35.223	ng	97
49) Acenaphthylene	9.50	152	1341181	37.327	ng	99
50) Dimethylphthalate	9.37	163	1184726	45.319	ng	99
51) 2,6-Dinitrotoluene	9.42	165	213607	35.393	ng	93
52) Acenaphthene	9.67	154	802241	35.681	ng	99
53) 3-Nitroaniline	9.58	138	191021	25.936	ng	100
54) 2,4-Dinitrophenol	9.69	184	53927	23.114	ng	95
55) Dibenzofuran	9.84	168	1145373	35.493	ng	98
56) 4-Nitrophenol	9.75	139	369659	62.605	ng	97
57) 2,4-Dinitrotoluene	9.82	165	267891	34.377	ng	91
58) Fluorene	10.18	166	811336	36.521	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	220887	32.999	ng	98
60) Diethylphthalate	10.07	149	866621	32.979	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	388485	36.811	ng	97
62) 4-Nitroaniline	10.19	138	227052	30.730	ng	95
63) Azobenzene	10.34	77	813451	33.142	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	91056	29.469	ng	90
66) n-Nitrosodiphenylamine	10.30	169	739066	37.890	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	247575	36.472	ng	94
68) Hexachlorobenzene	10.72	284	270761	36.748	ng	# 92
69) Atrazine	10.82	200	220097	35.077	ng	100
70) Pentachlorophenol	10.92	266	323206	68.855	ng	98
71) Phenanthrene	11.13	178	1222731	36.273	ng	99
72) Anthracene	11.18	178	1253677	36.843	ng	99
73) Carbazole	11.34	167	1154128	37.983	ng	99
74) Di-n-butylphthalate	11.69	149	1284780	36.591	ng	99
75) Fluoranthene	12.31	202	1350521	40.154	ng	97
77) Benzidine	12.44	184	647076	25.843	ng	99
78) Pyrene	12.54	202	1398678	32.276	ng	99
80) Butylbenzylphthalate	13.17	149	625245	32.695	ng	96
81) Benzo(a)anthracene	13.72	228	1393984	34.453	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	442406	30.279	ng	99
83) Chrysene	13.75	228	1331634	35.930	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	884823	35.311	ng	100
85) Di-n-octyl phthalate	14.35	149	1583593	37.613	ng	100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1426877	32.536	ng	99
88) Benzo(b)fluoranthene	14.72	252	1471615	34.866	ng	99
89) Benzo(k)fluoranthene	14.75	252	1414748m	37.377	ng	
90) Benzo(a)pyrene	15.04	252	1429350	37.573	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1205101	33.932	ng	97
92) Benzo(g,h,i)perylene	16.74	276	1128634	31.399	ng	98

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

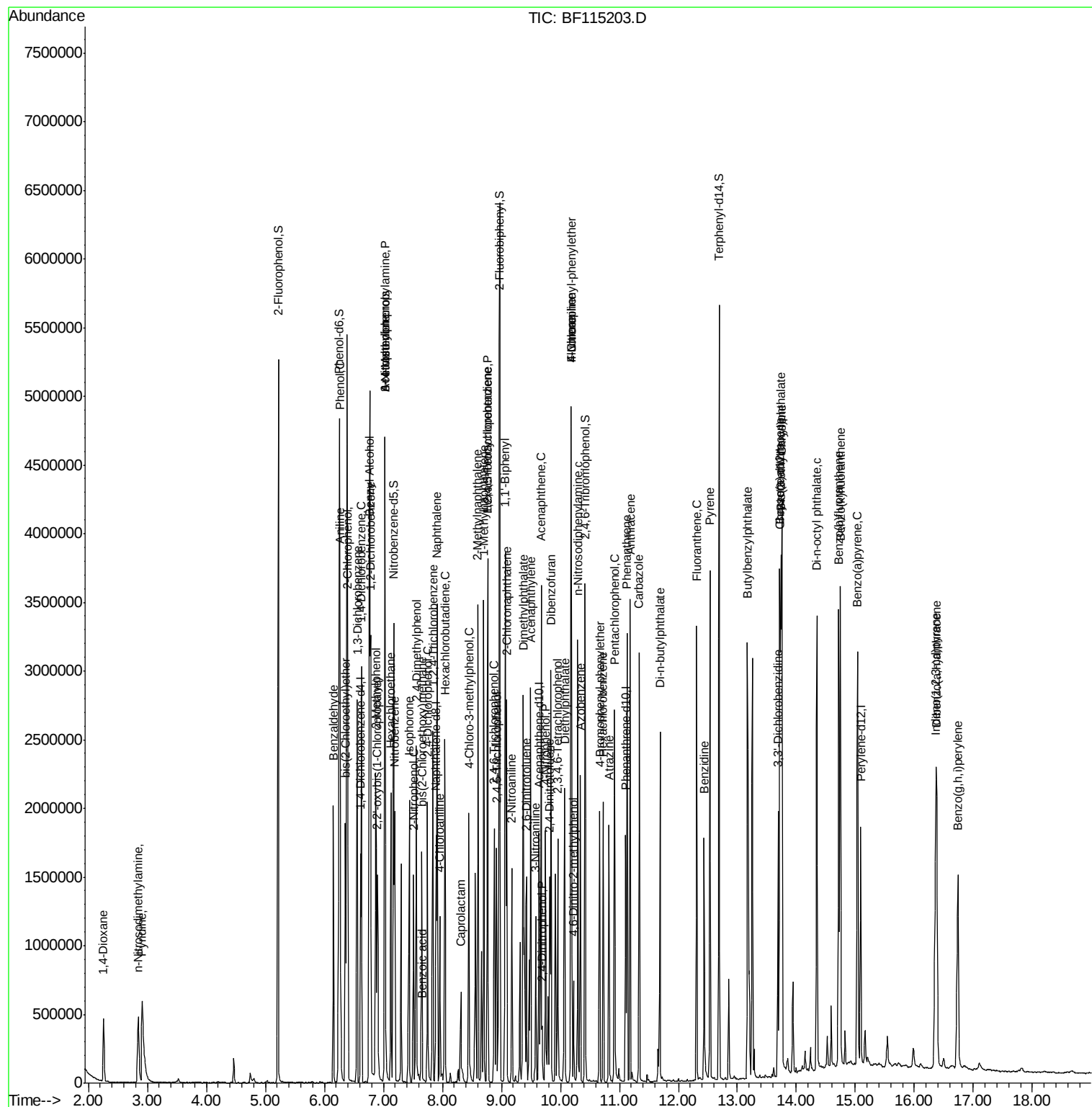
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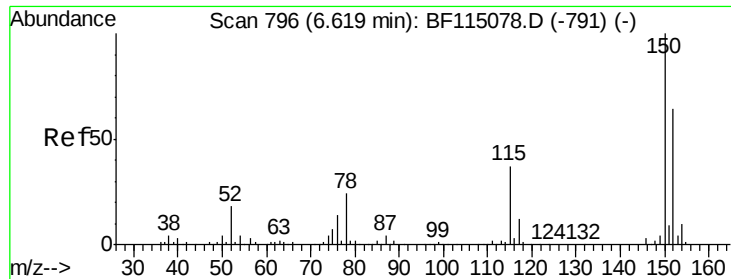
Instrument :
BNA_F
ClientSampleId :
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#1

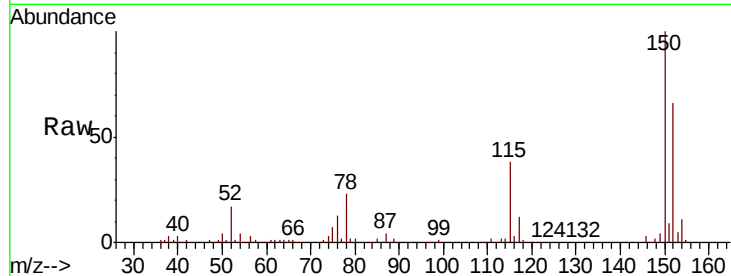
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.2	186.2
115	57.8	46.1	69.1

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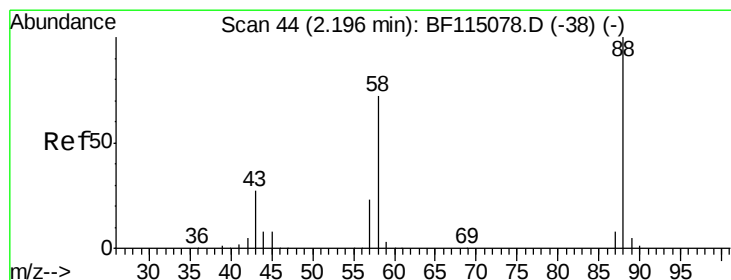
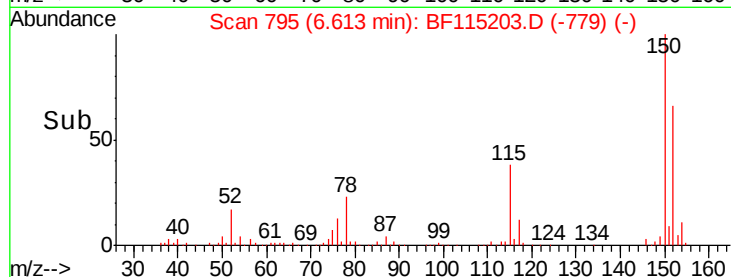
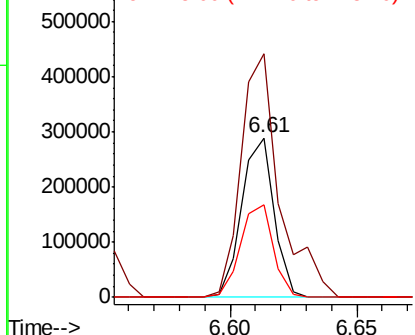


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

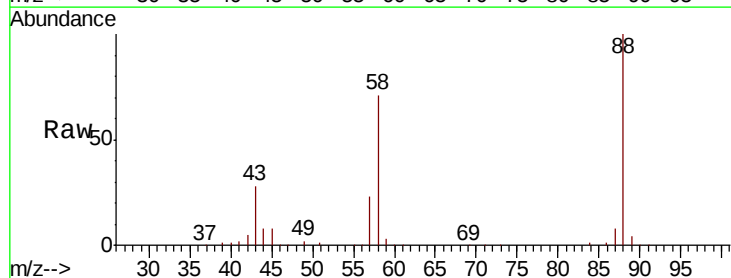
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.243 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.06 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	56.1	84.1
43	26.7	21.3	31.9

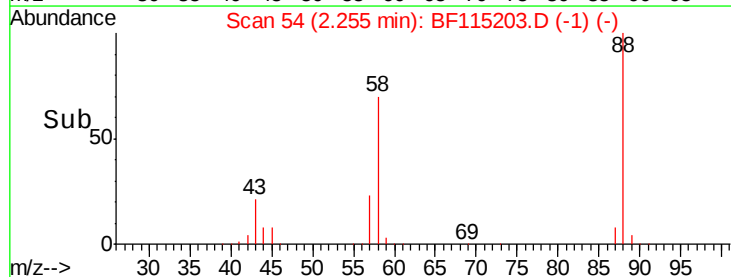
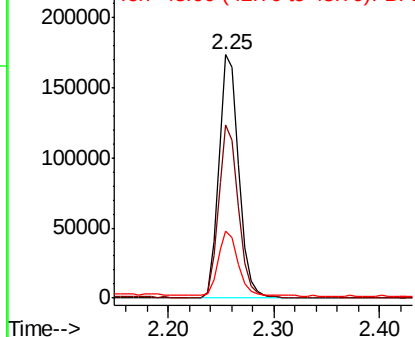


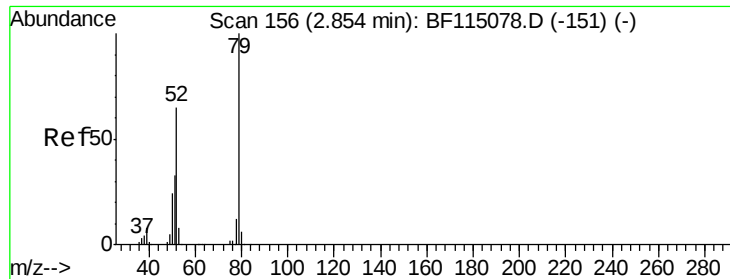
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.610 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.05 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

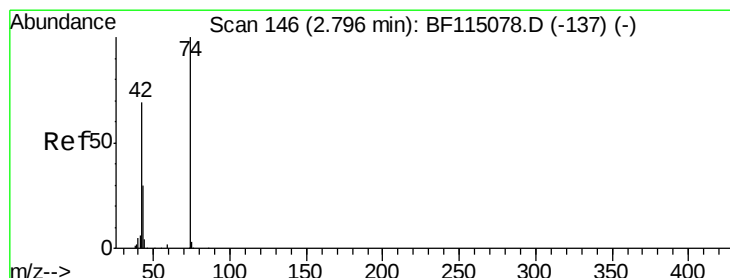
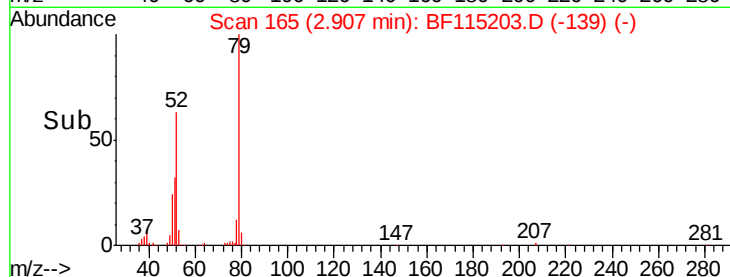
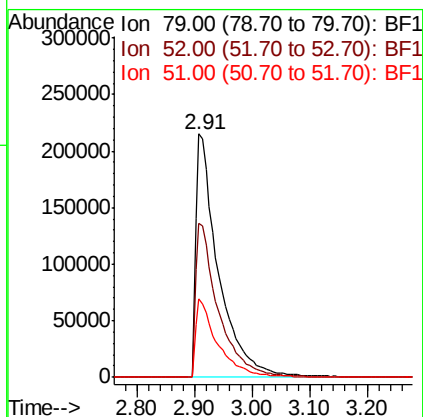
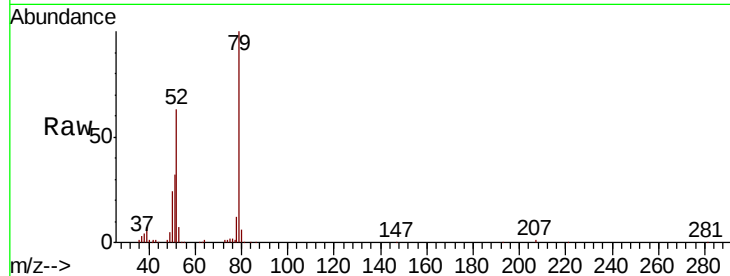
ClientSampleId :

BAT-B08MSD

Tot Ion:	79	Resp:	590311
Ion Ratio	Lower	Upper	
79	100		
52	63.1	52.3	78.5
51	32.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 29.761 ng

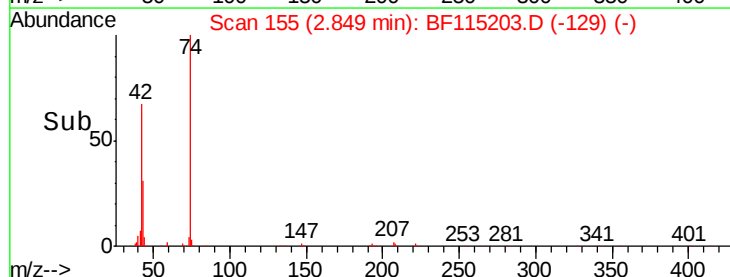
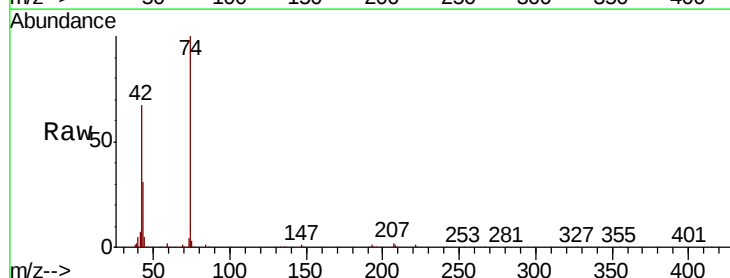
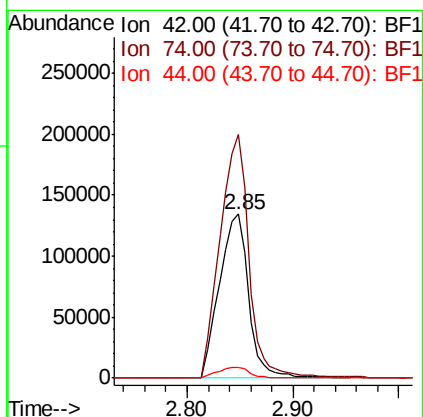
RT: 2.85 min Scan# 155

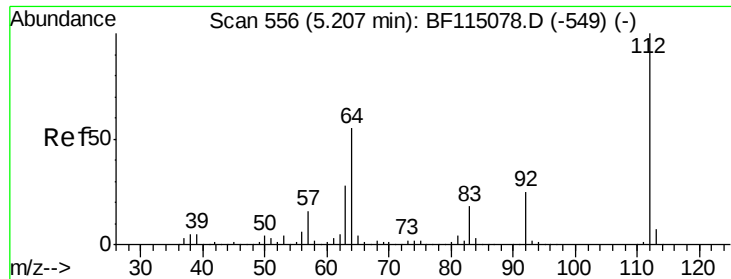
Delta R.T. 0.05 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Tgt Ion:	42	Resp:	258814
Ion Ratio	Lower	Upper	
42	100		
74	148.5	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 105.330 ng

RT: 5.22 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

Tot Ion:112 Resp: 1756583

Ion Ratio Lower Upper

112 100

64 53.5 43.8 65.6

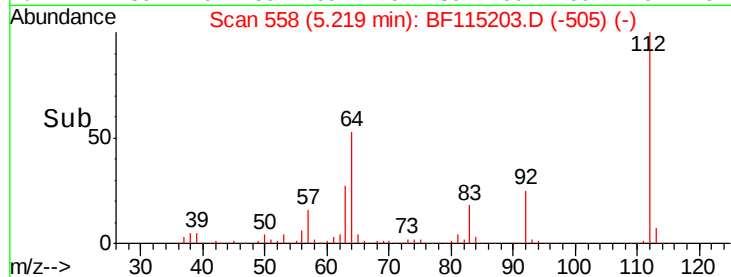
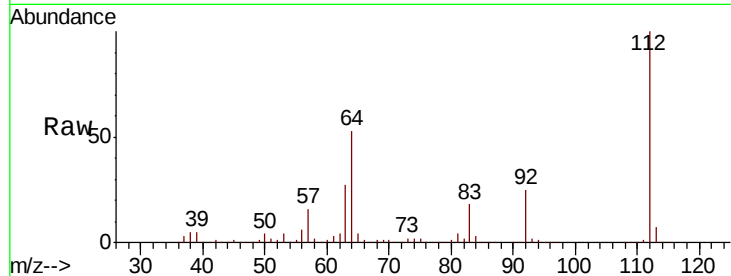
63 27.4 22.2 33.4

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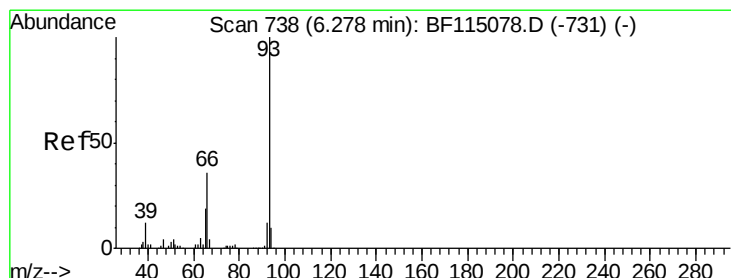
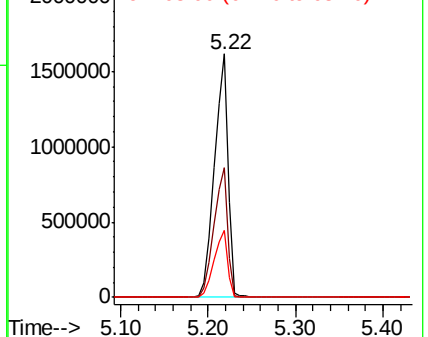
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.821 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

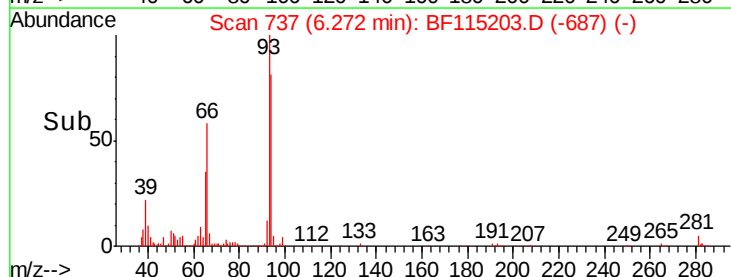
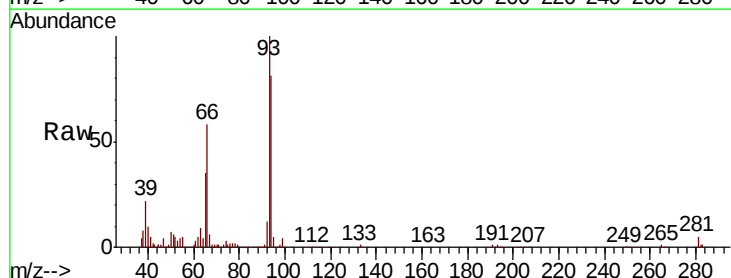
Tgt Ion: 93 Resp: 467961

Ion Ratio Lower Upper

93 100

66 57.6 30.0 45.0#

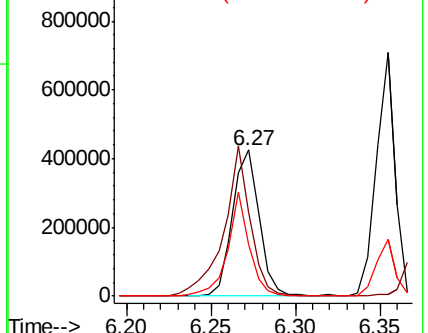
65 35.3 15.6 23.4#



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: 106.396 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

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Tot Ion: 99 Resp: 2153640

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

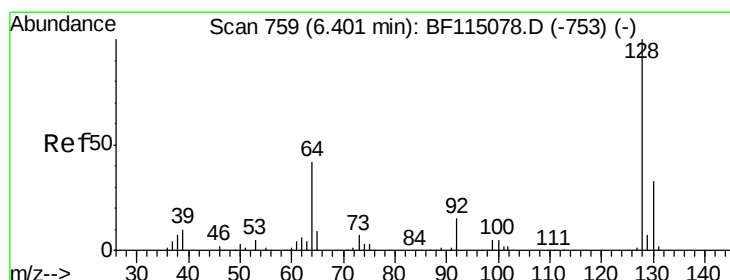
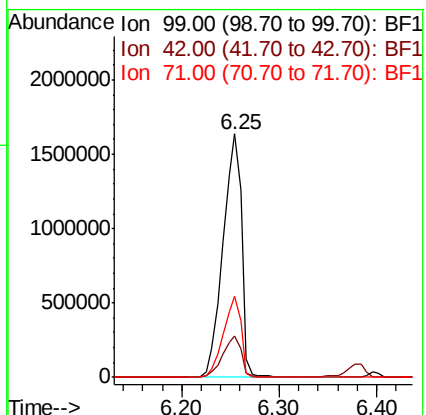
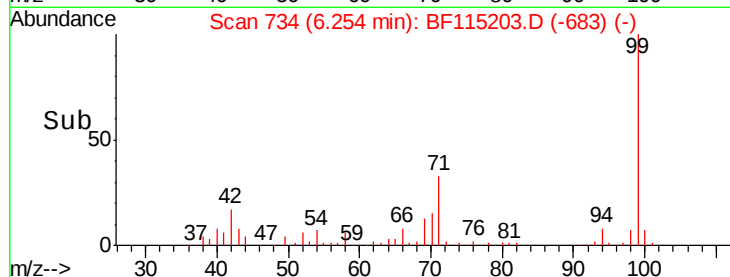
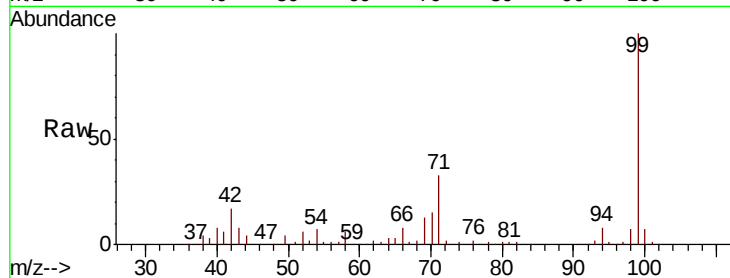
71 33.2 25.5 38.3

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#8

2-Chlorophenol

Concen: 31.177 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

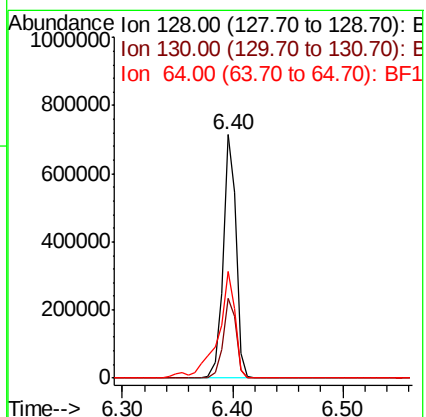
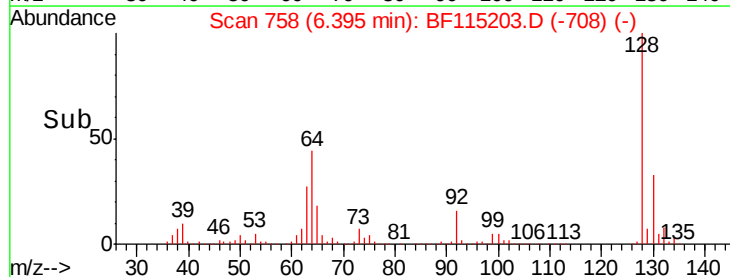
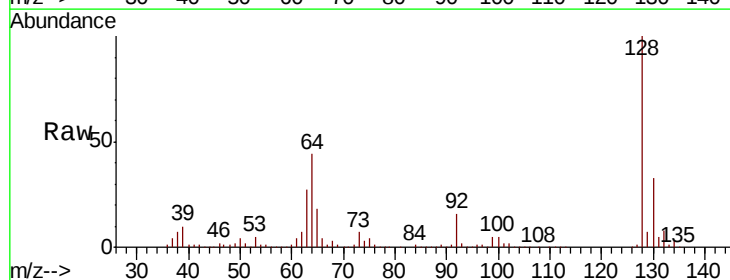
Tgt Ion:128 Resp: 584635

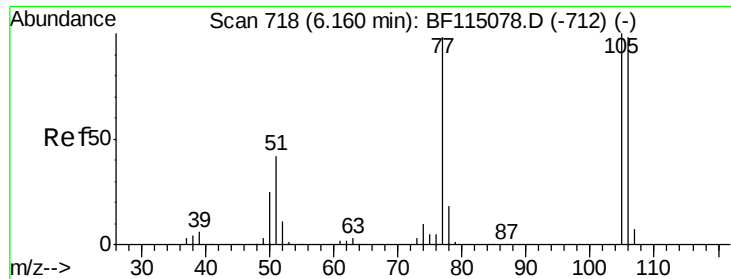
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 43.7 22.9 62.9





#9

Benzaldehyde

Concen: 28.920 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

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BNA_F

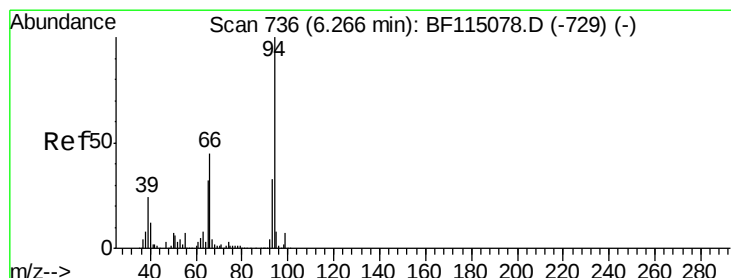
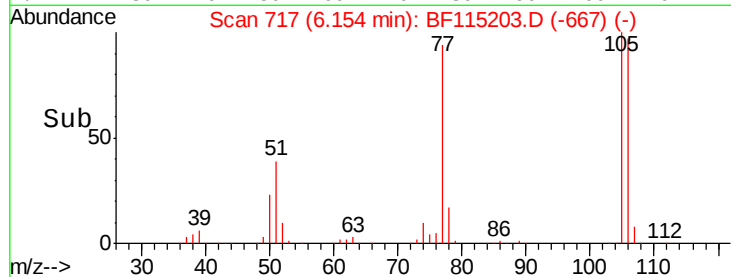
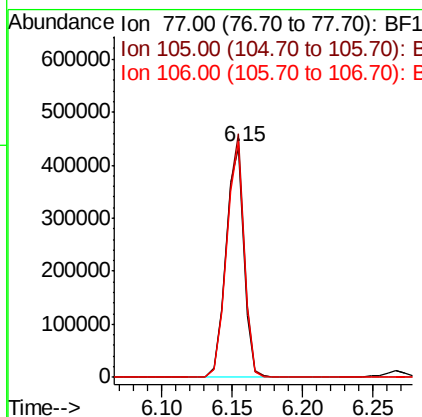
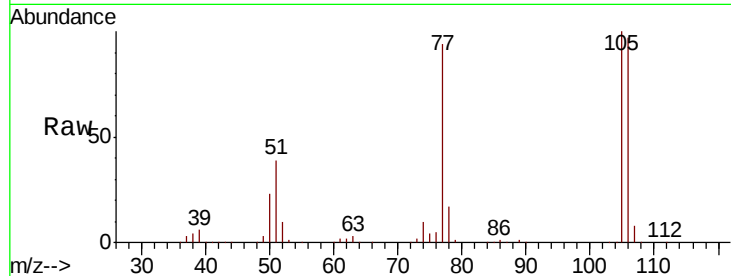
ClientSampleId :

BAT-B08MSD

Tot Ion:	77	Resp:	381914
Ion	Ratio	Lower	Upper
77	100		
105	106.0	81.5	121.5
106	102.6	79.7	119.7

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#10

Phenol

Concen: 28.506 ng

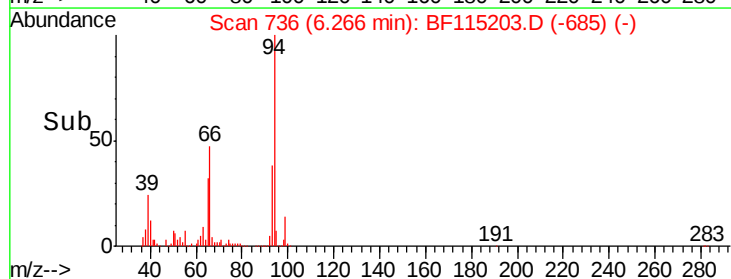
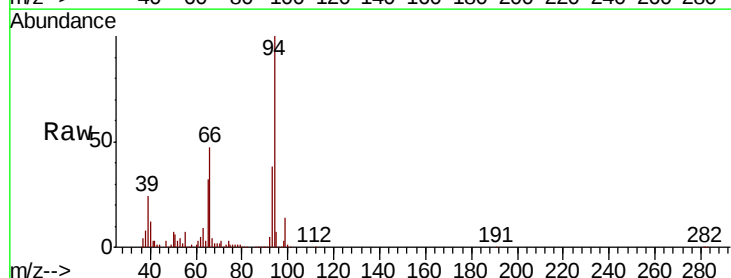
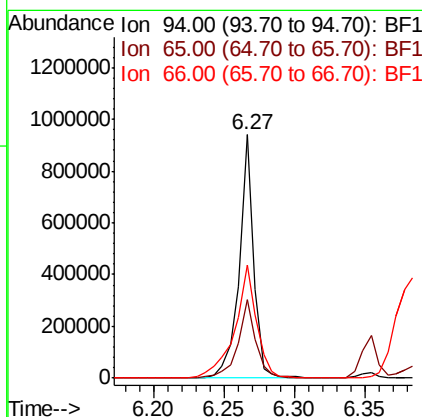
RT: 6.27 min Scan# 736

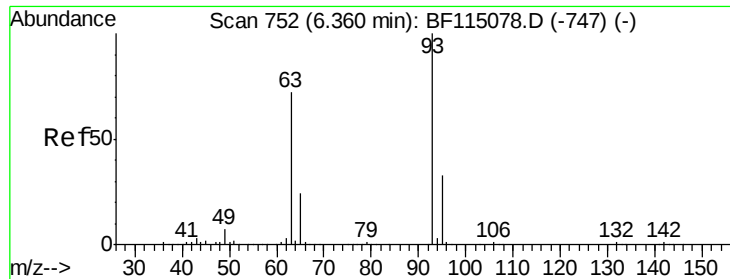
Delta R.T. 0.00 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Tgt Ion:	94	Resp:	675897
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	46.6	25.2	65.2





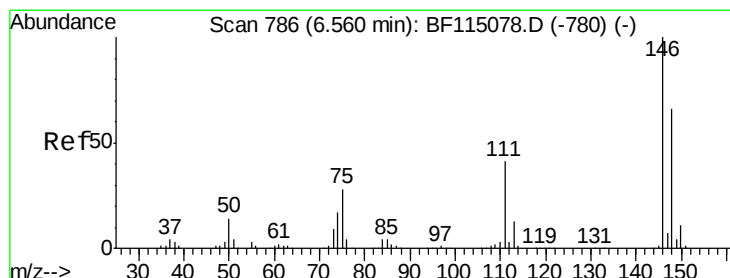
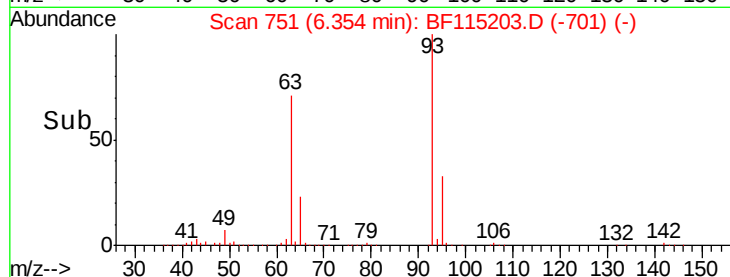
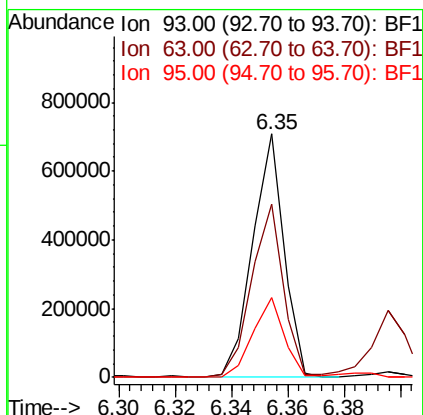
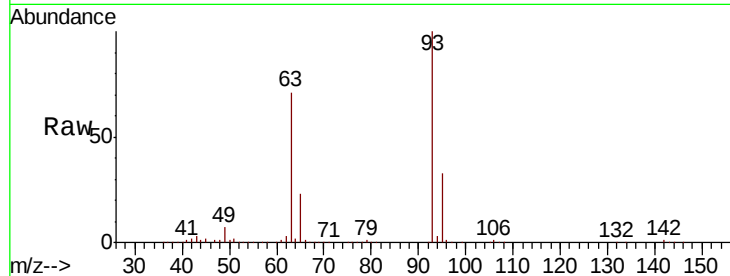
#11
bis(2-Chloroethyl)ether
Concen: 31.011 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion:	93	Resp:	542006
Ion	Ratio	Lower	Upper
93	100		
63	71.1	51.5	91.5
95	32.8	13.4	53.4

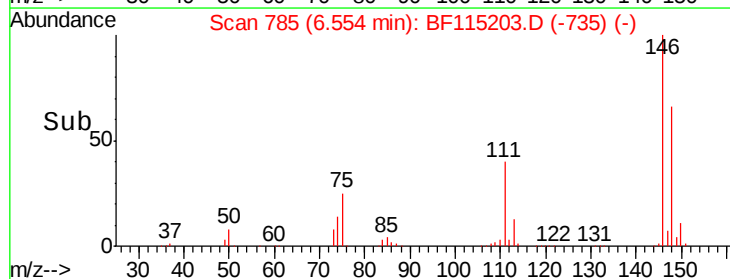
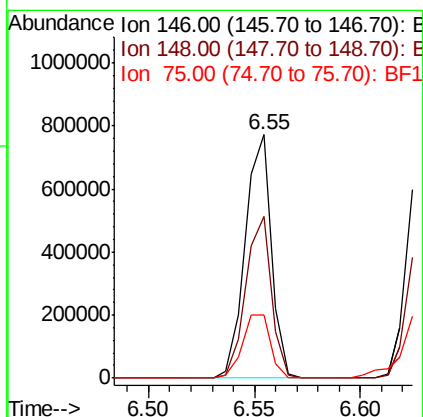
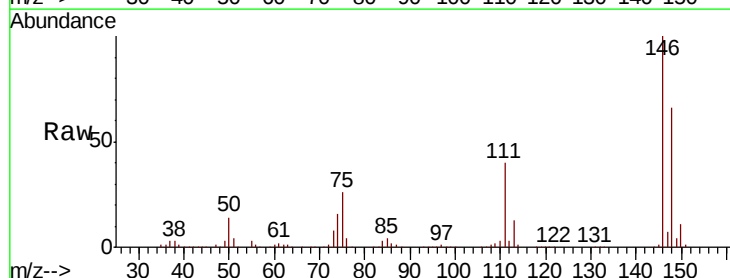
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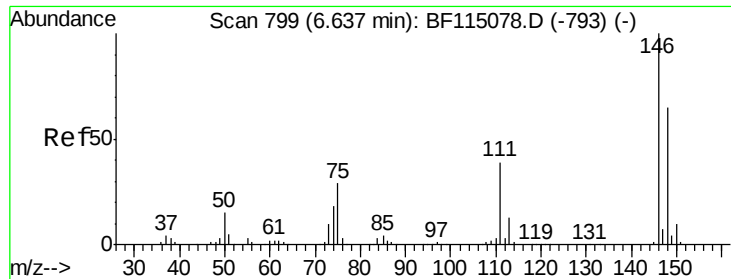
mohammad
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#12
1,3-Dichlorobenzene
Concen: 31.804 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:	146	Resp:	661902
Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.6	78.8
75	26.1	22.6	34.0





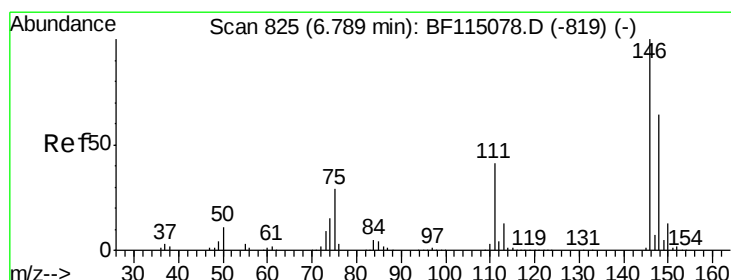
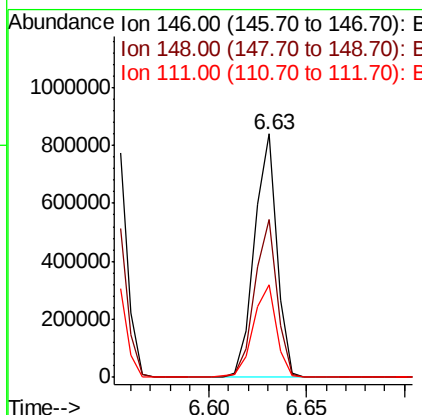
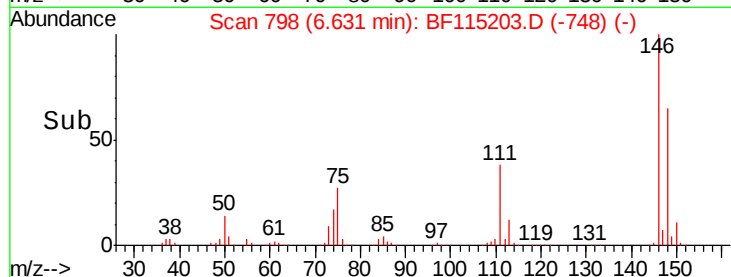
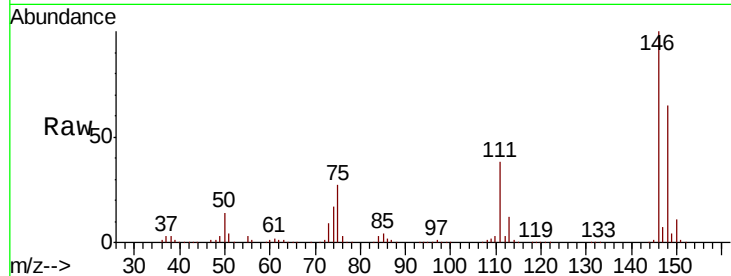
#13
 1,4-Dichlorobenzene
 Concen: 32.115 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampled :
 BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	38.1	31.4	47.0

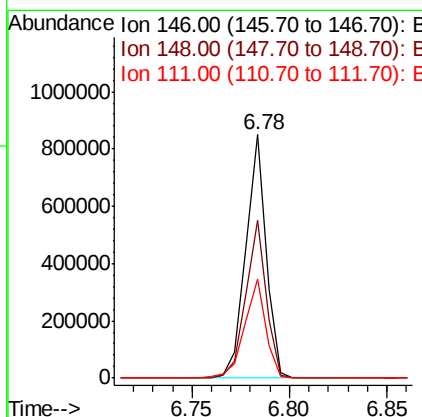
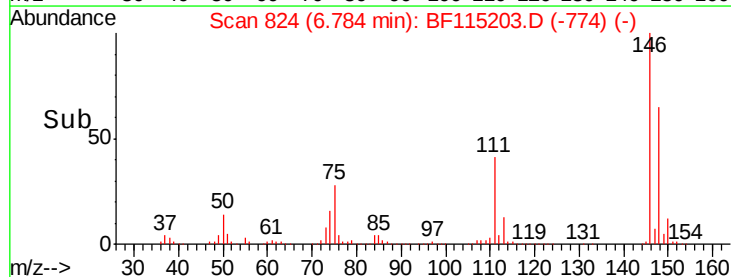
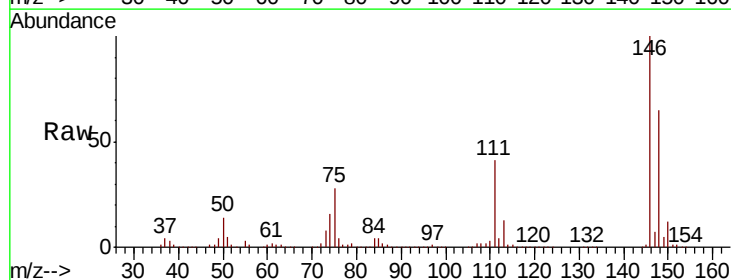
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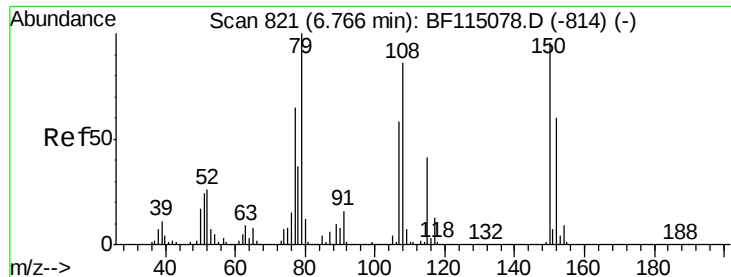
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#14
 1,2-Dichlorobenzene
 Concen: 31.830 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	40.6	33.2	49.8





#15

Benzyl Alcohol

Concen: 28.768 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

Tot Ion: 79 Resp: 424021

Ion Ratio Lower Upper

79 100

108 82.7 68.7 103.1

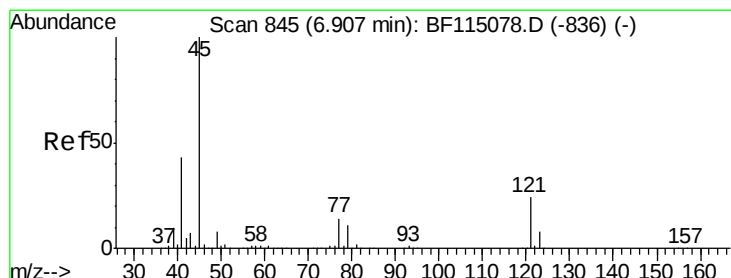
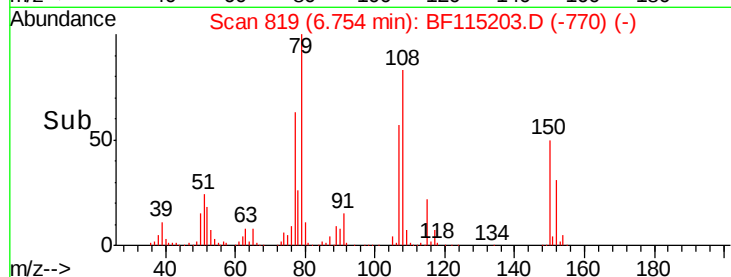
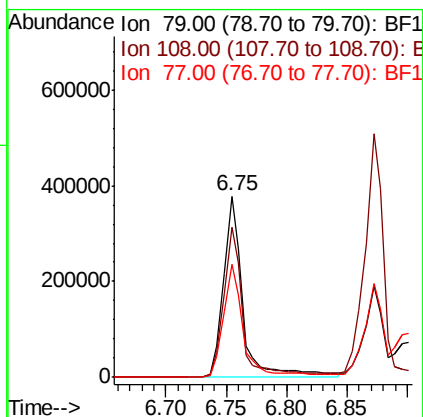
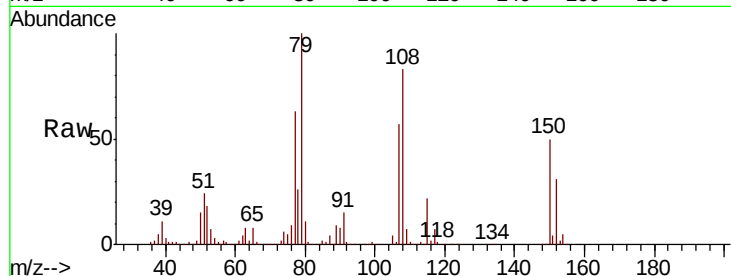
77 62.6 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.614 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

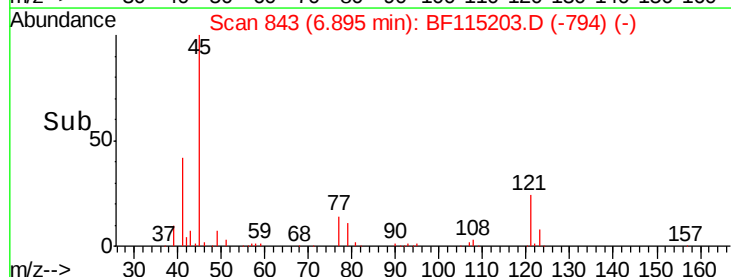
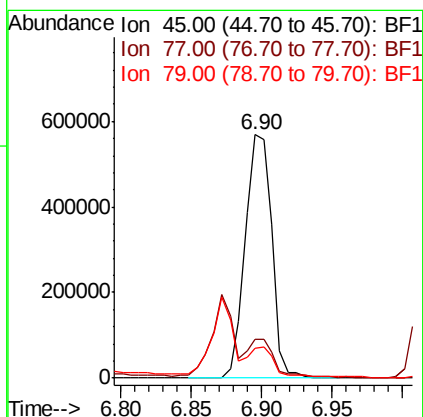
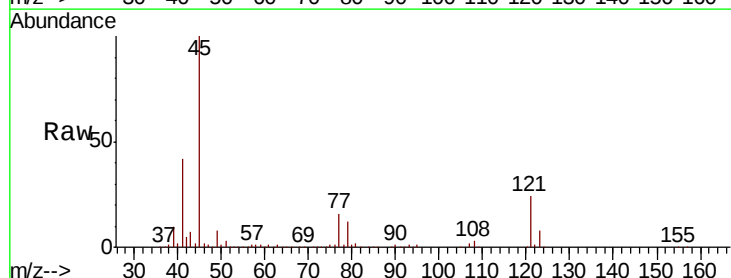
Tgt Ion: 45 Resp: 750707

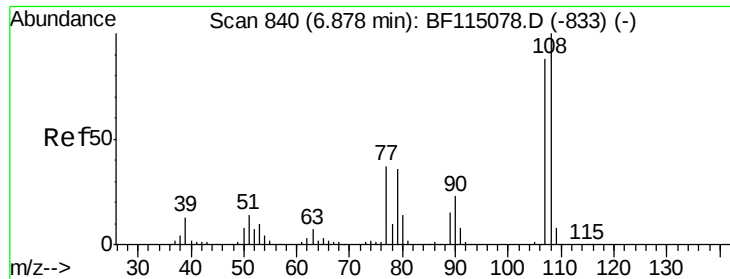
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.6

79 12.3 0.0 31.2





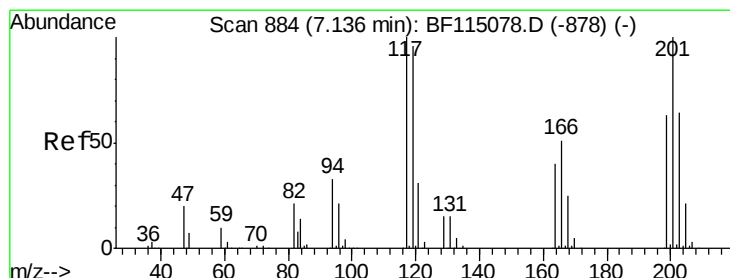
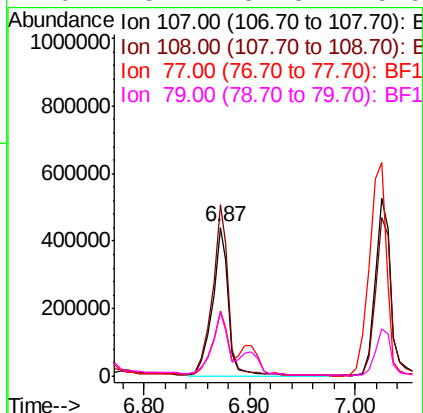
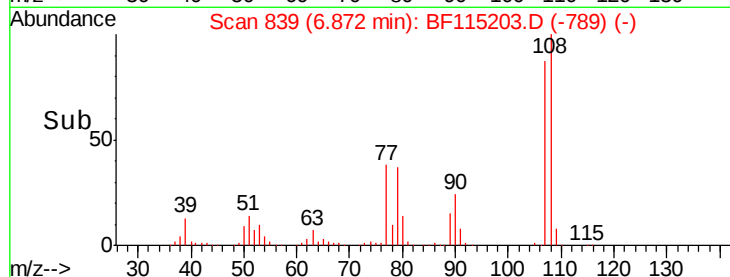
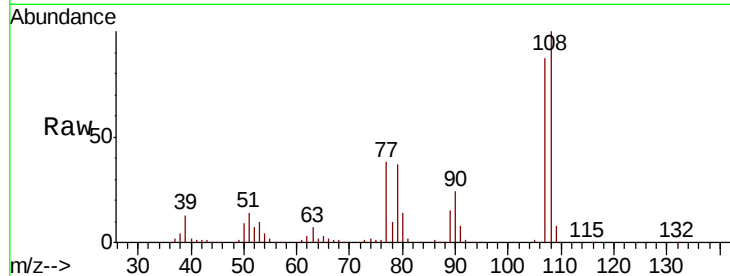
#17
2-Methylphenol
Concen: 30.737 ng
RT: 6.87 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.9	136.3
77	44.3	33.4	50.2
79	43.1	32.3	48.5

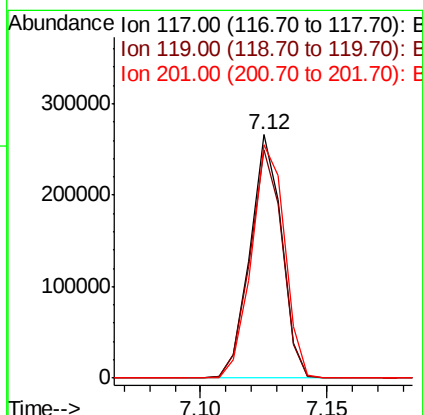
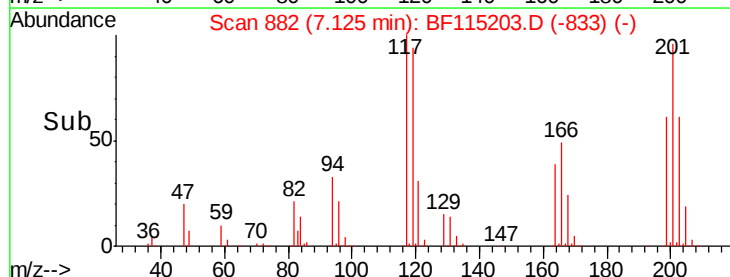
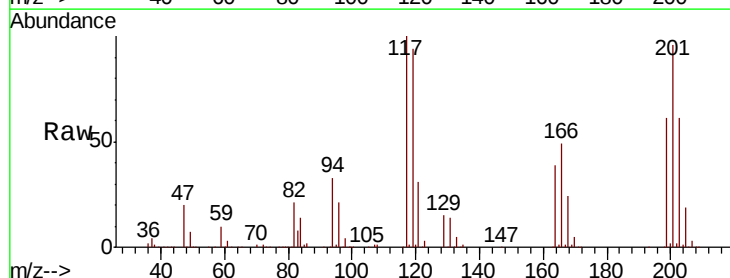
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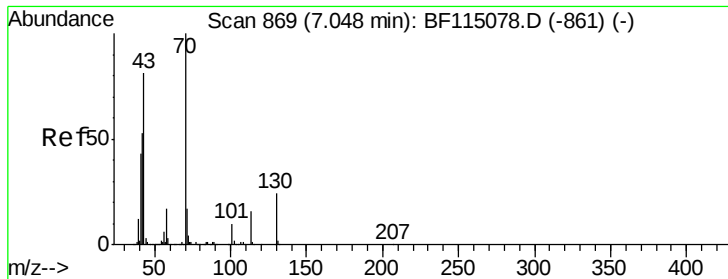
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#18
Hexachloroethane
Concen: 30.801 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.6	114.8
201	95.7	80.2	120.2





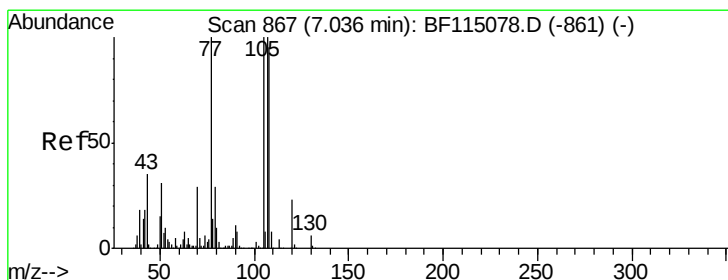
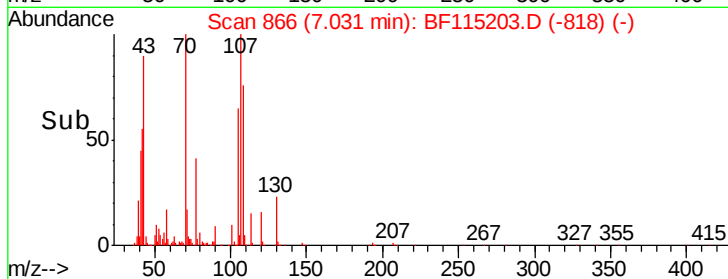
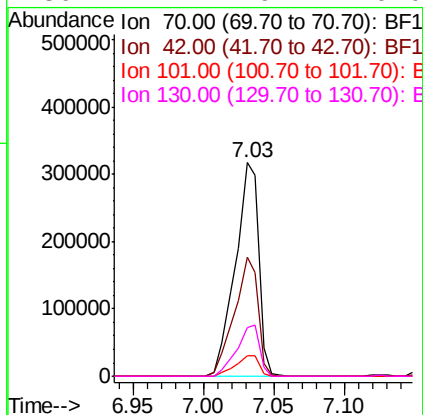
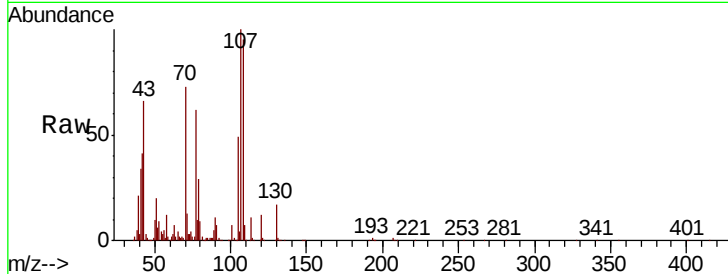
#19
n-Nitroso-di-n-propylamine
Concen: 28.227 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.8	42.6	63.8		
101	9.7	8.0	12.0		
130	22.7	19.4	29.0		

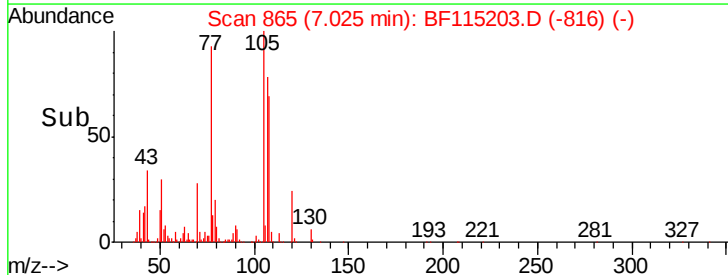
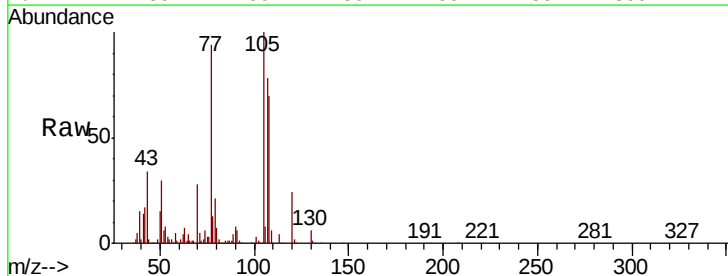
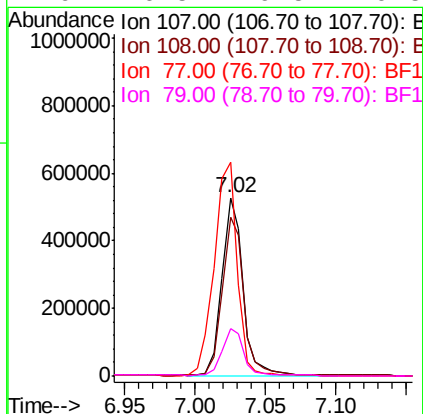
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#20
3+4-Methylphenols
Concen: 30.295 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5	75.5	115.5		
77	120.0	80.2	120.2		
79	26.5	9.5	49.5		





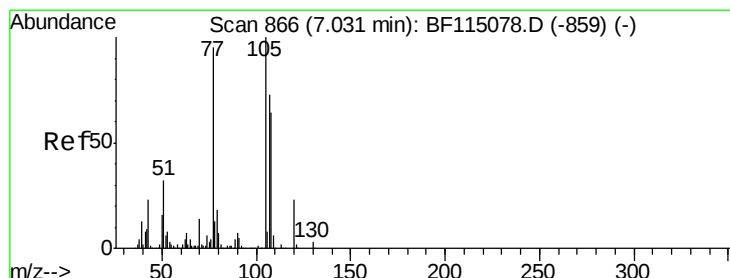
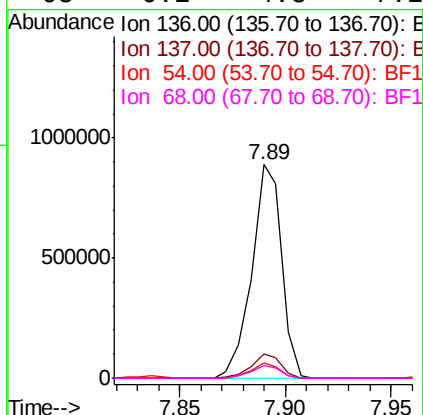
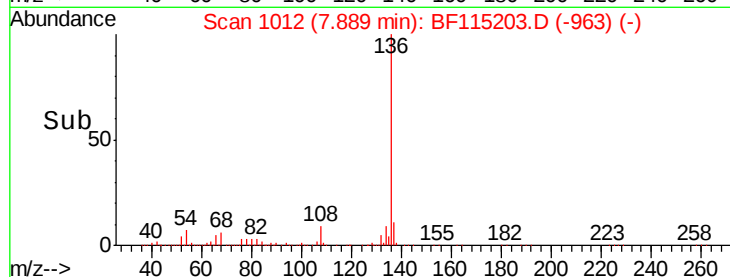
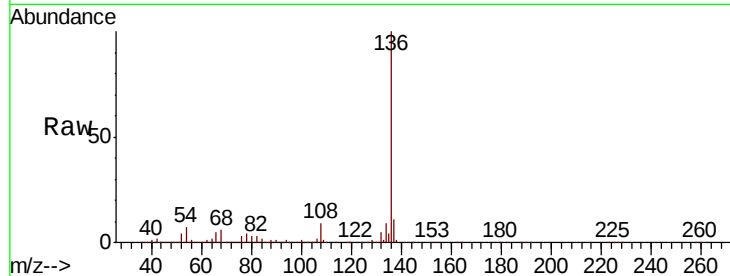
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampled :
BAT-B08MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.2	5.6	8.4	
68	6.2	4.8	7.2	

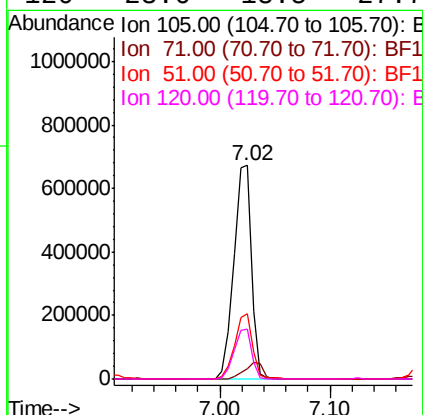
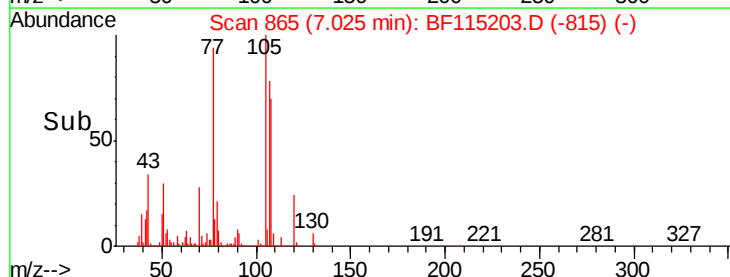
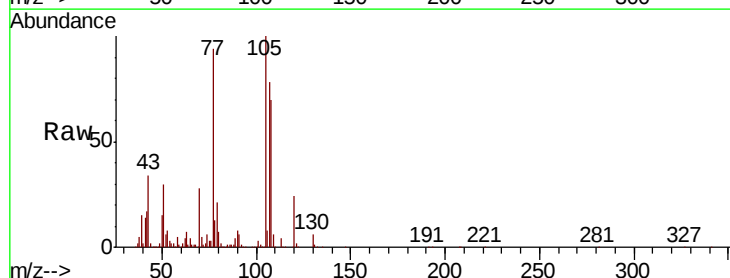
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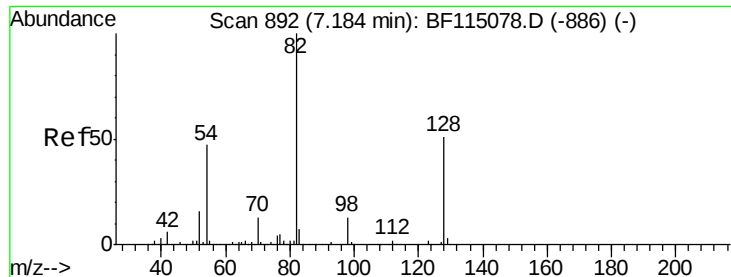
mohammad
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#22
Acetophenone
Concen: 37.877 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	1.9	2.9#	
51	30.3	25.8	38.8	
120	23.6	18.5	27.7	





#23

Nitrobenzene-d5

Concen: 91.605 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

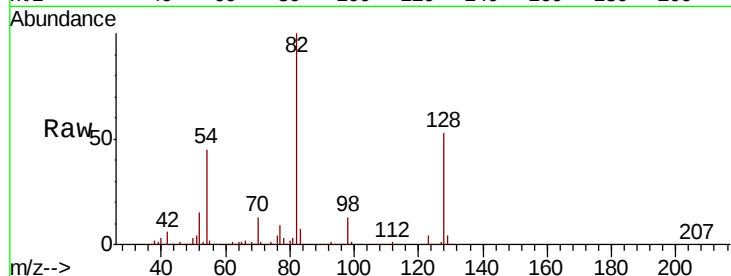
ClientSampled :

BAT-B08MSD

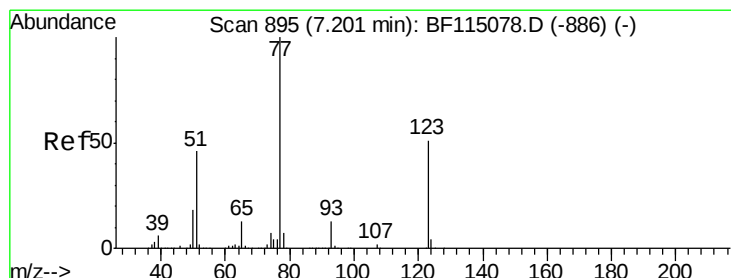
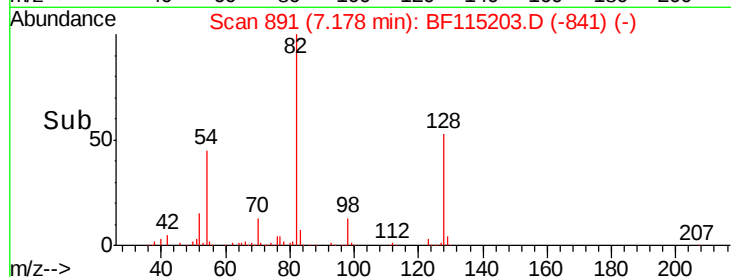
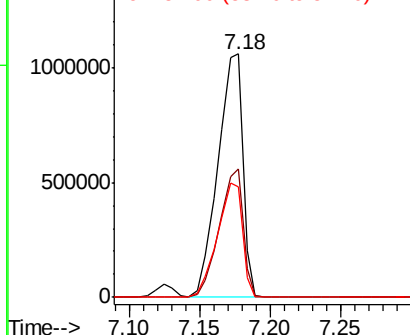
Tot Ion:	82	Resp:	1304957
Ion	Ratio	Lower	Upper
82	100		
128	52.6	40.4	60.6
54	45.3	37.5	56.3

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



#24

Nitrobenzene

Concen: 36.347 ng

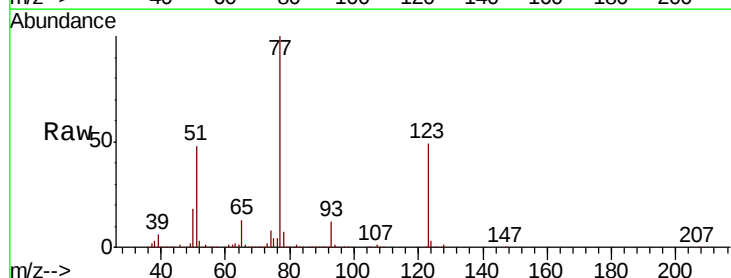
RT: 7.19 min Scan# 893

Delta R.T. -0.01 min

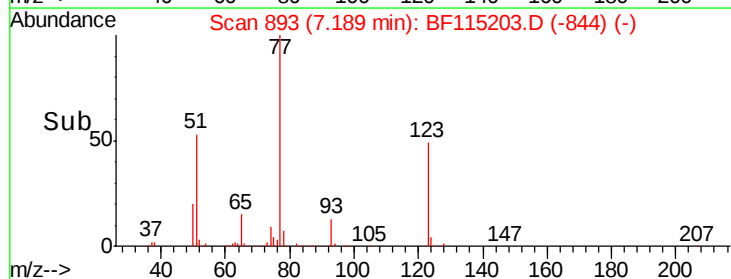
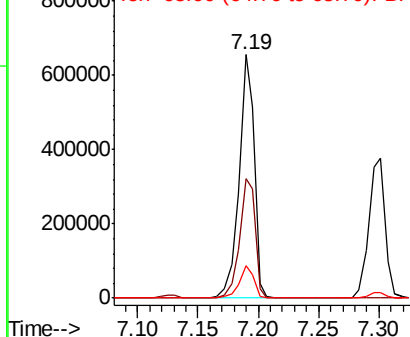
Lab File: BF115203.D

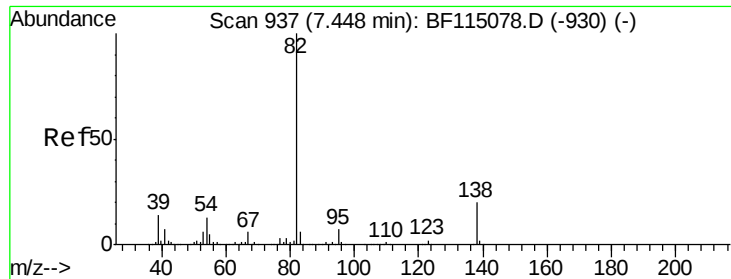
Acq: 25 Jun 2019 22:25

Tgt Ion:	77	Resp:	570431
Ion	Ratio	Lower	Upper
77	100		
123	48.8	41.0	61.6
65	13.2	10.5	15.7



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





#25

Isophorone

Concen: 33.149 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

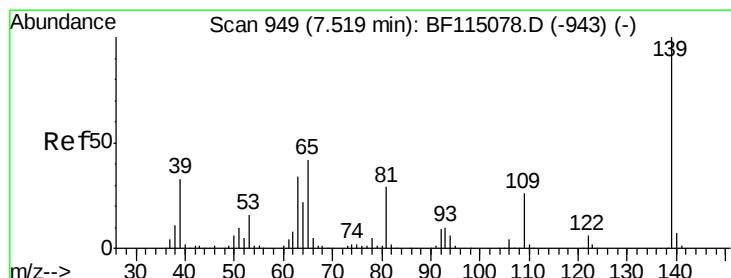
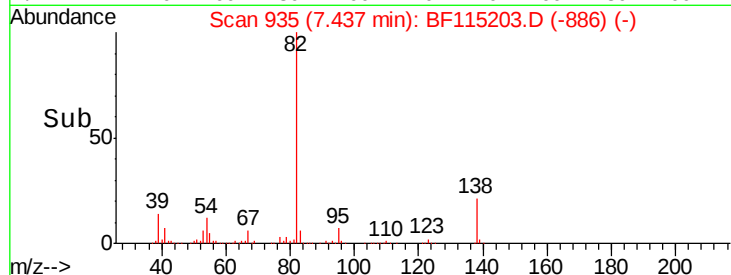
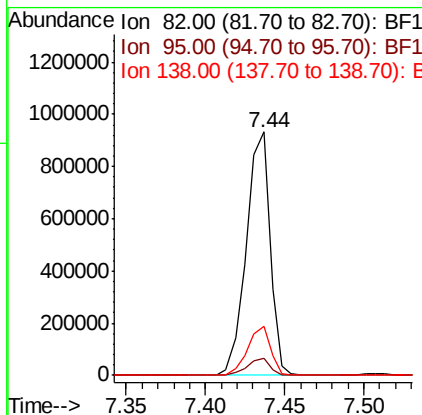
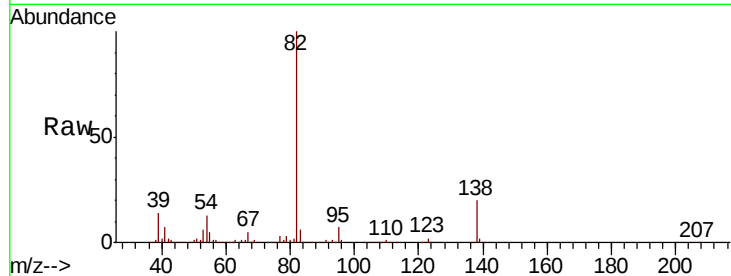
ClientSampleId :

BAT-B08MSD

Tot Ion:	82	Resp:	967364
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	20.3	15.9	23.9

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#26

2-Nitrophenol

Concen: 38.426 ng

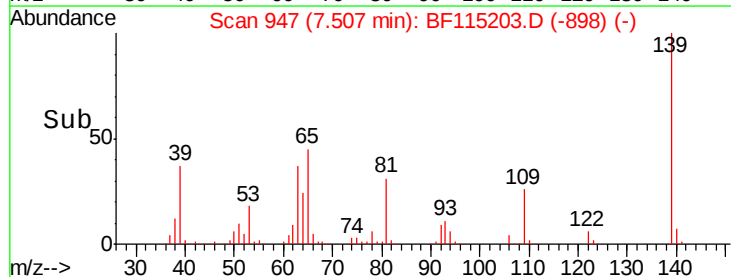
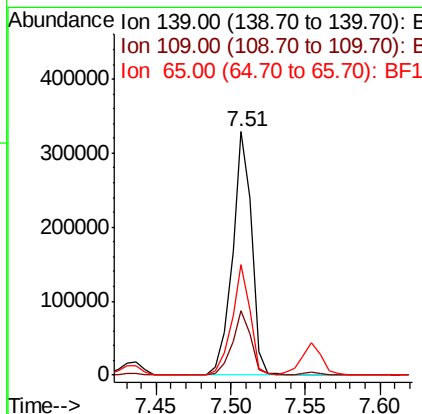
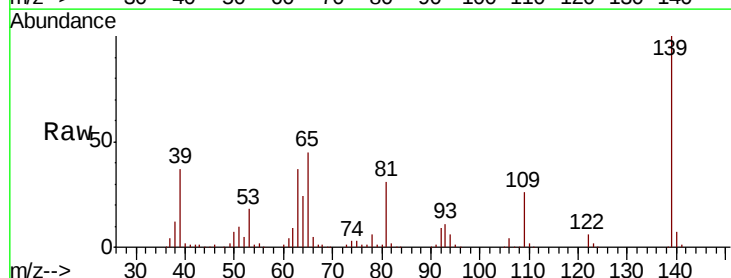
RT: 7.51 min Scan# 947

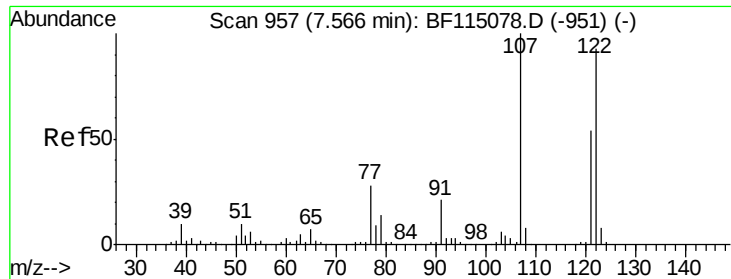
Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Tgt Ion:	139	Resp:	297814
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.4	30.6
65	45.3	33.6	50.4





#27

2,4-Dimethylphenol

Concen: 38.652 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

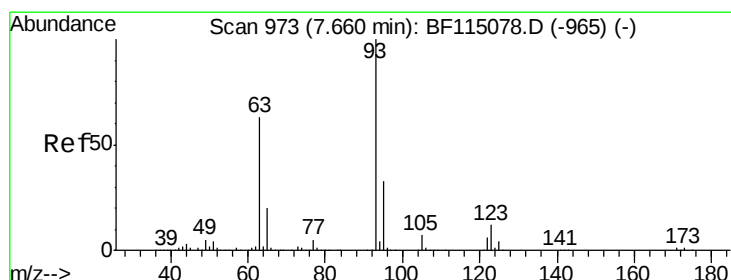
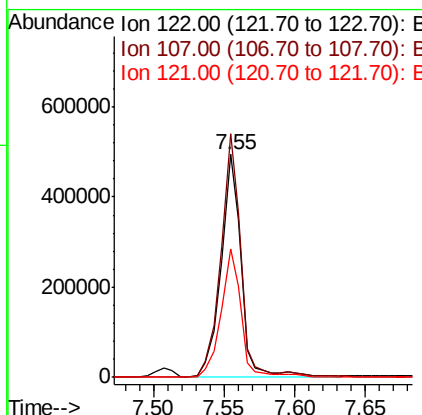
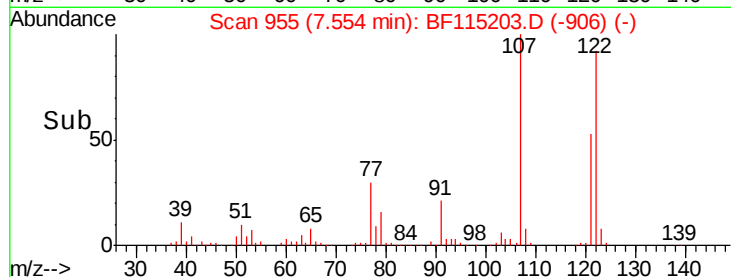
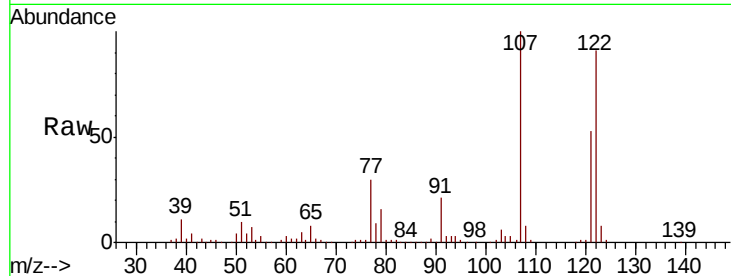
ClientSampleId :

BAT-B08MSD

Tot Ion:	122	Resp:	490474
Ion Ratio	Lower	Upper	
122	100		
107	109.4	85.8	128.6
121	57.8	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 34.517 ng

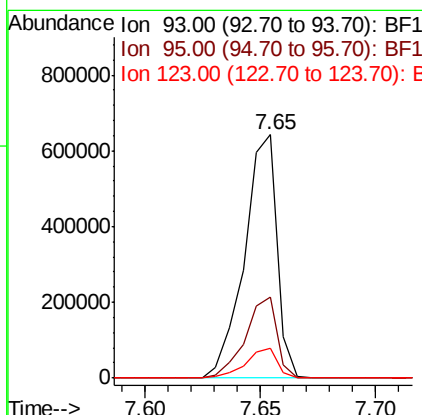
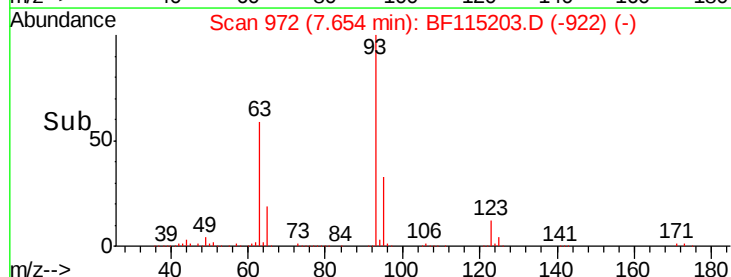
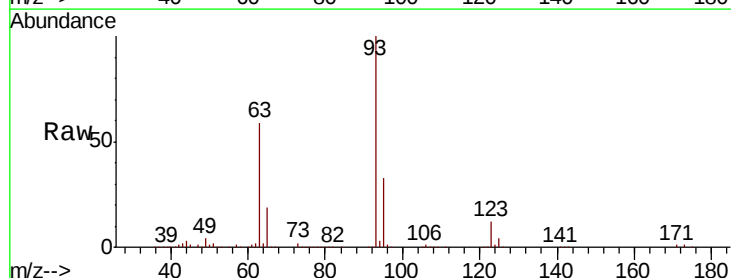
RT: 7.65 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Tgt Ion:	93	Resp:	636659
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.4
123	12.3	9.7	14.5





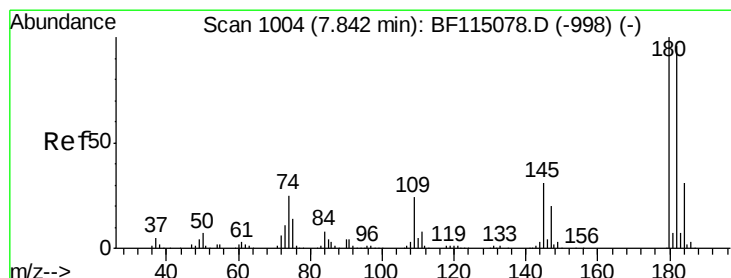
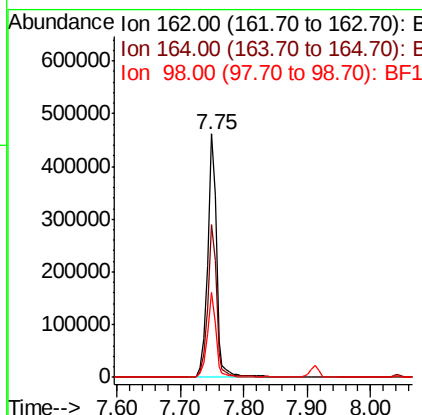
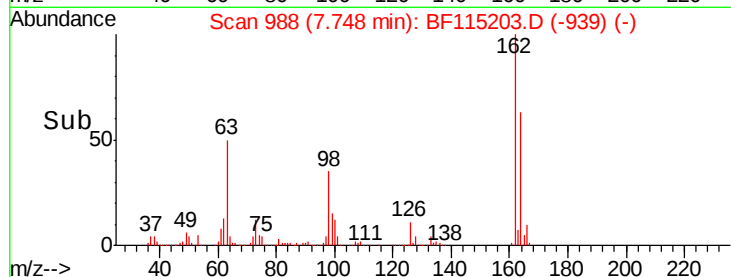
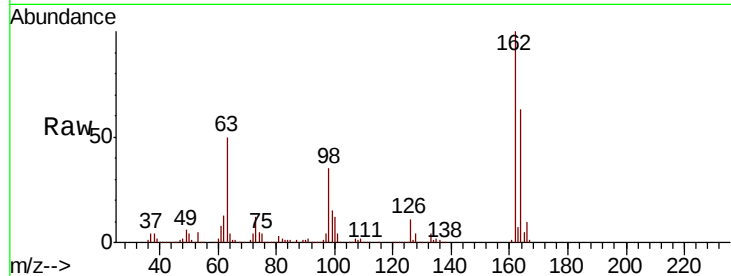
#29
2,4-Dichlorophenol
Concen: 34.452 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	451161		
164	62.7	45.3	85.3	
98	34.9	12.5	52.5	

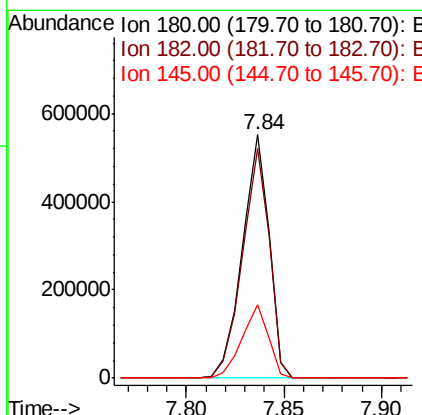
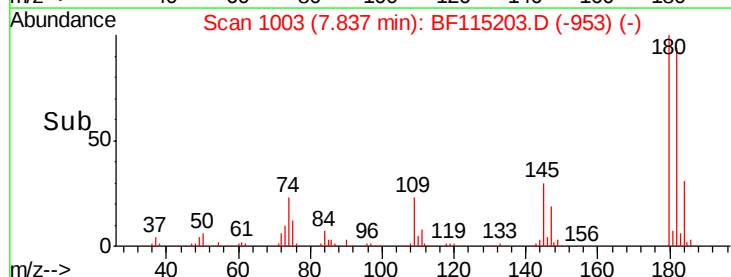
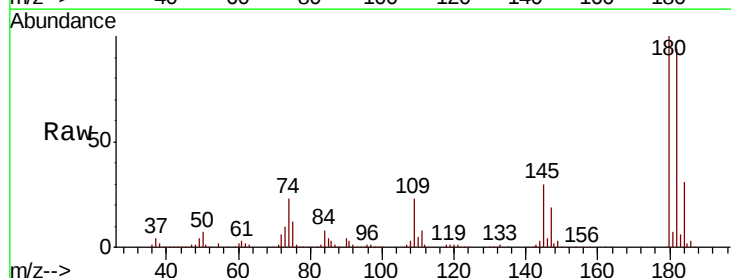
Manual Integrations
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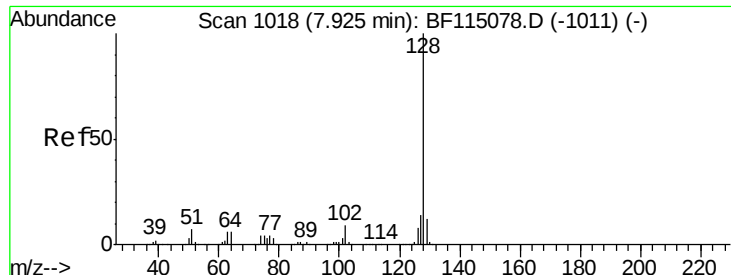
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#30
1,2,4-Trichlorobenzene
Concen: 36.144 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	522821		
182	94.1	76.4	114.6	
145	30.0	24.8	37.2	





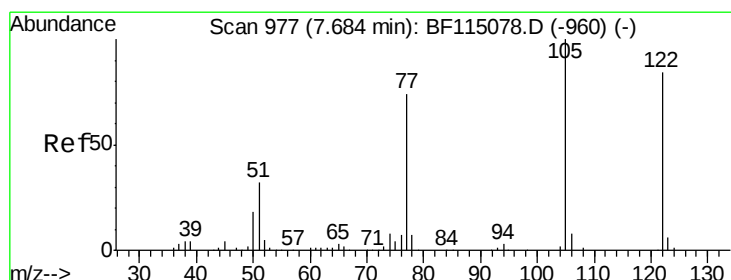
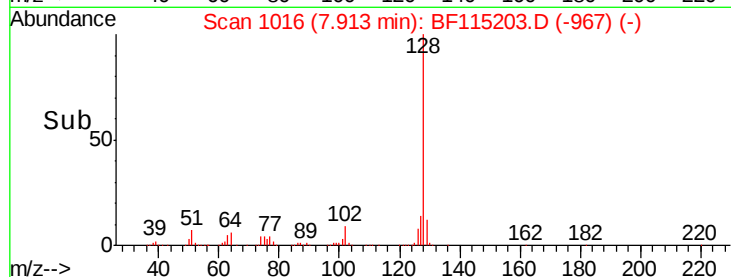
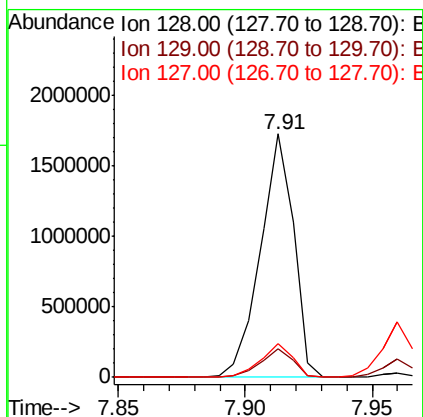
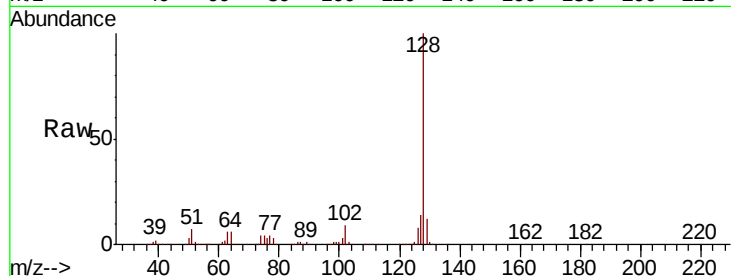
#31
Naphthalene
Concen: 36.933 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.7	11.4	17.0

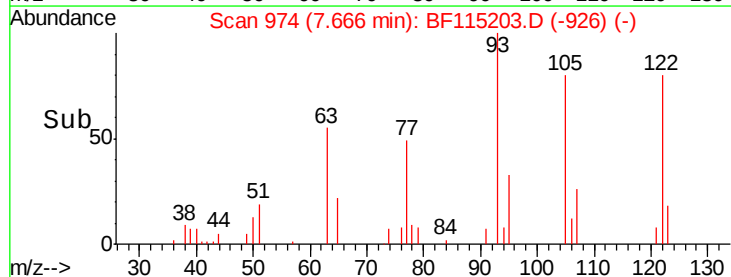
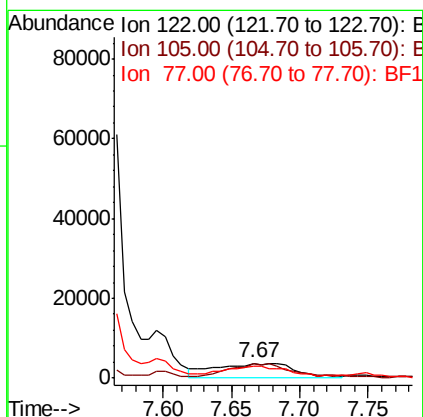
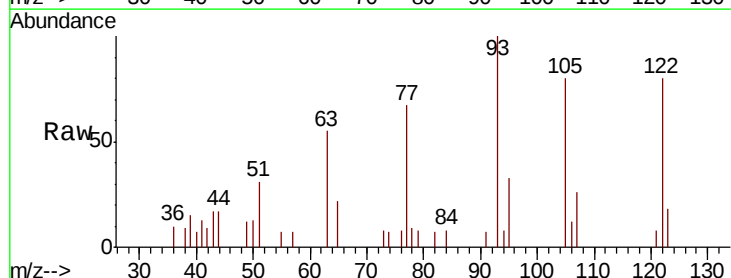
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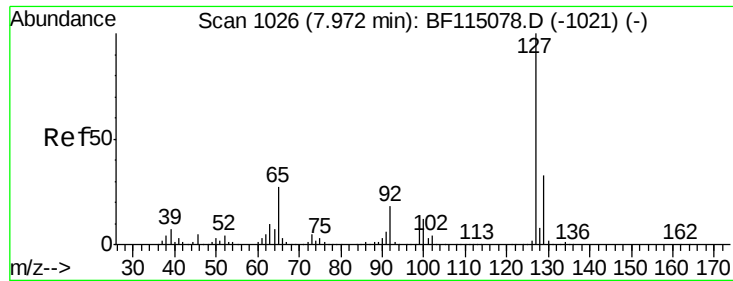
mohammad
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#32
Benzoic acid
Concen: 1.700 ng m
RT: 7.67 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	99.6	98.2	138.2
77	83.6	67.0	107.0





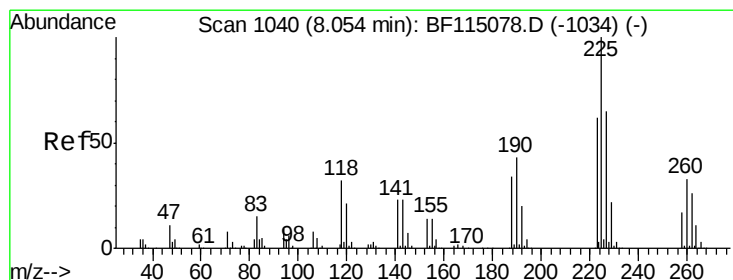
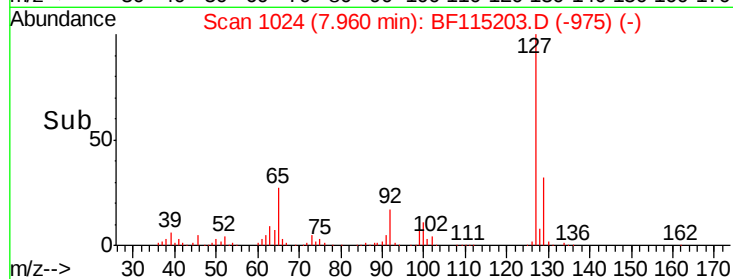
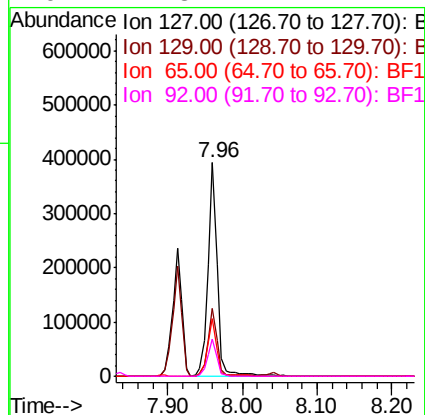
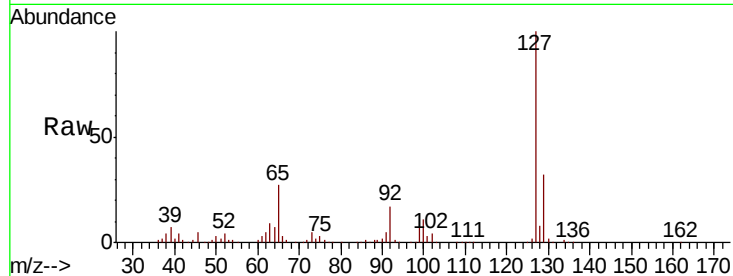
#33
4-Chloroaniline
Concen: 17.647 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.1	39.1		
65	26.7	21.4	32.2		
92	17.3	14.1	21.1		

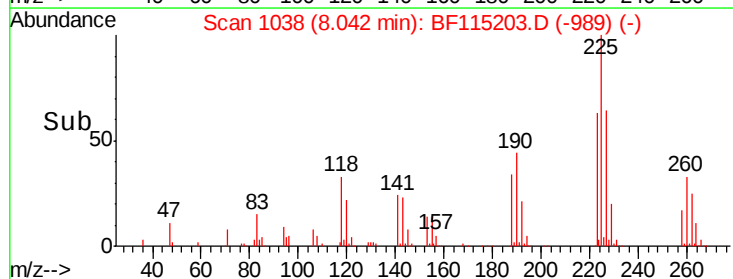
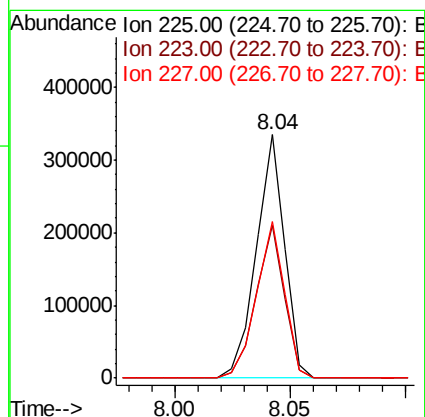
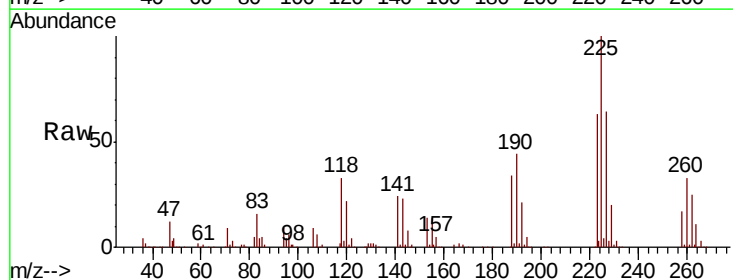
Manual Integrations
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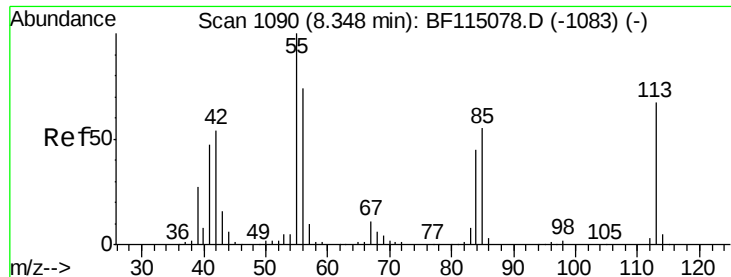
mohammad
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#34
Hexachlorobutadiene
Concen: 36.199 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.4	74.2		
227	64.1	51.8	77.8		





#35

Caprolactam

Concen: 26.744 ng/mL

RT: 8.31 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampled :

BAT-B08MSD

Tot Ion: 113 Resp: 117748

Ion Ratio Lower Upper

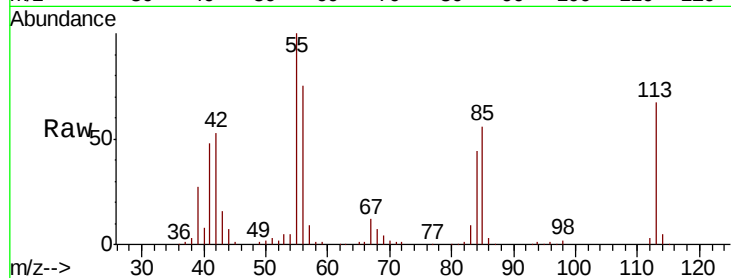
113 100

55 149.4 130.2 170.2

56 112.0 91.6 131.6

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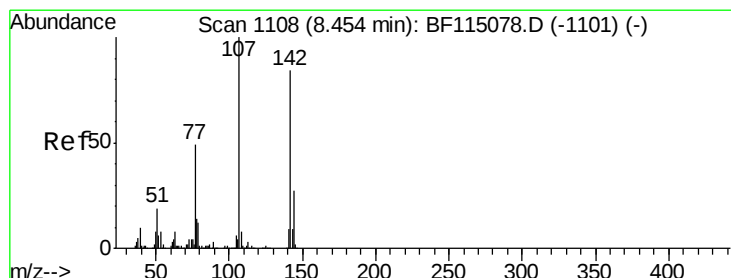
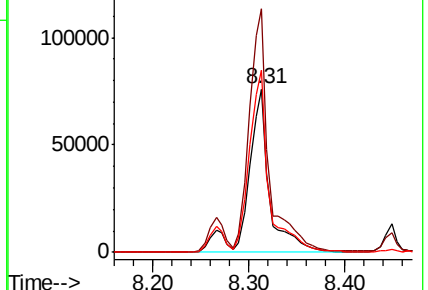
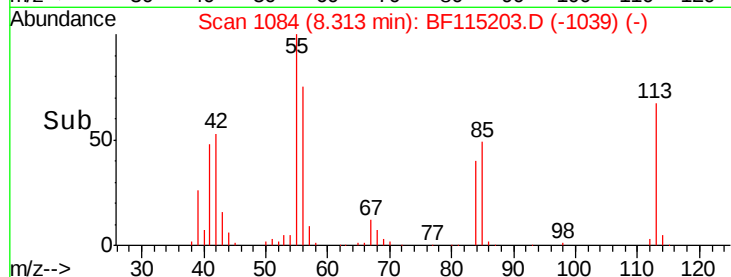
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 30.977 ng/mL

RT: 8.45 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

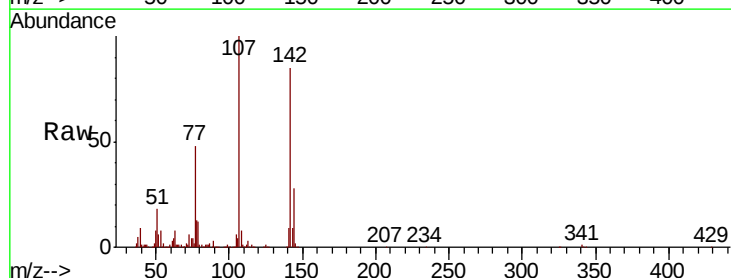
Tgt Ion: 107 Resp: 410819

Ion Ratio Lower Upper

107 100

144 27.9 21.7 32.5

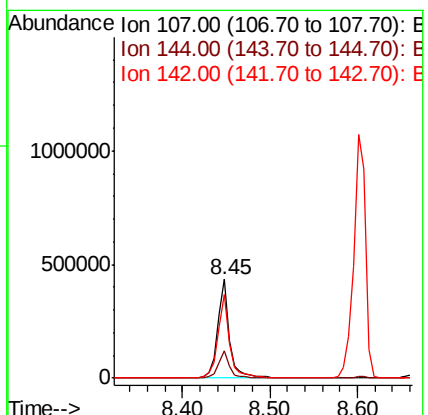
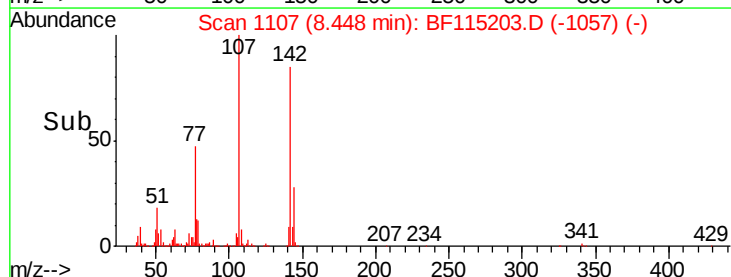
142 84.9 67.0 100.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





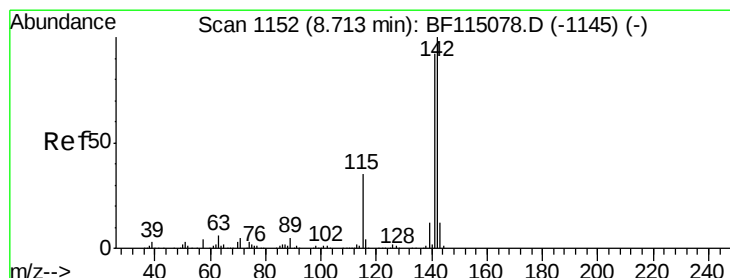
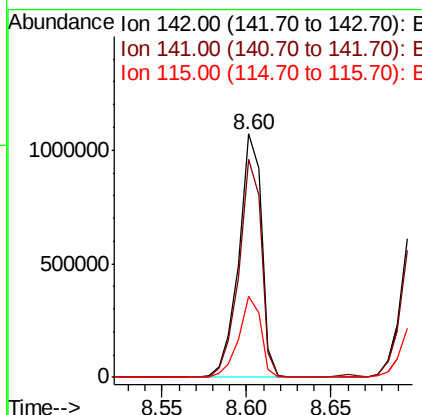
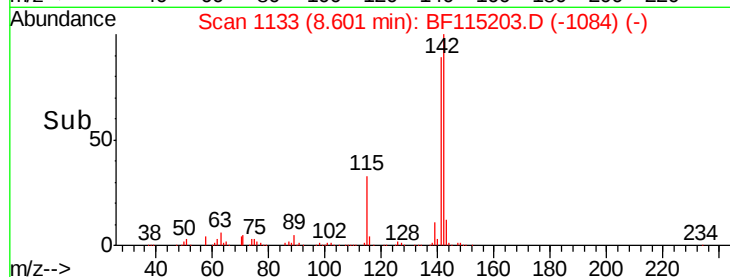
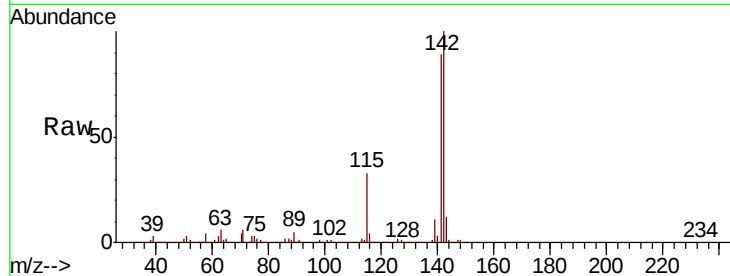
#37
2-Methylnaphthalene
Concen: 34.737 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.8	104.6
115	33.2	26.7	40.1

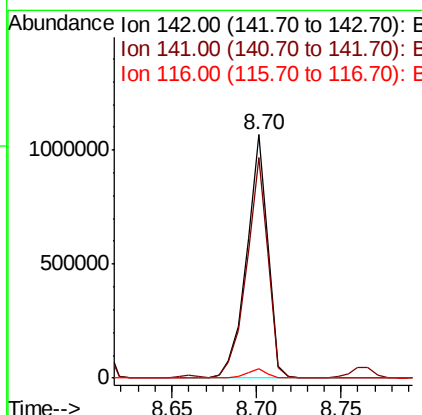
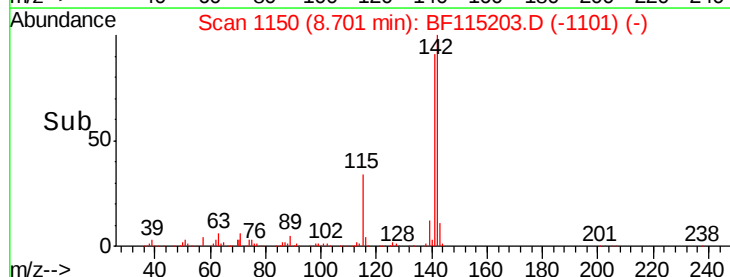
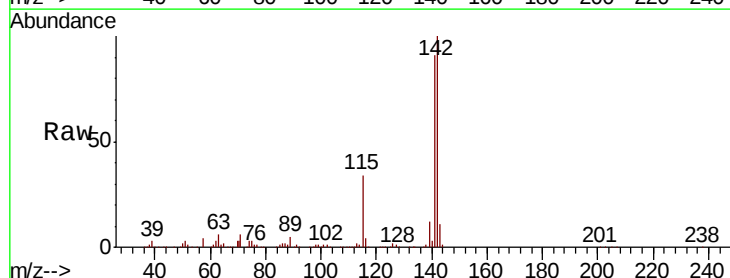
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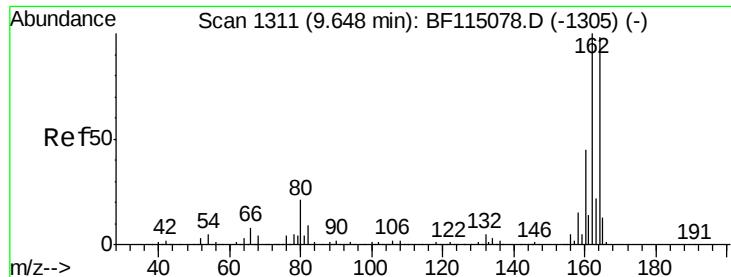
mohammad
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#38
1-Methylnaphthalene
Concen: 33.732 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.8	110.8
116	3.7	2.8	4.2





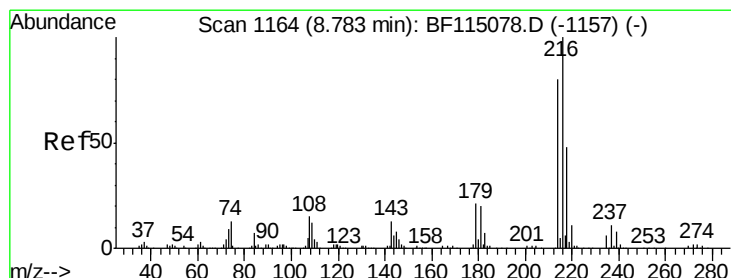
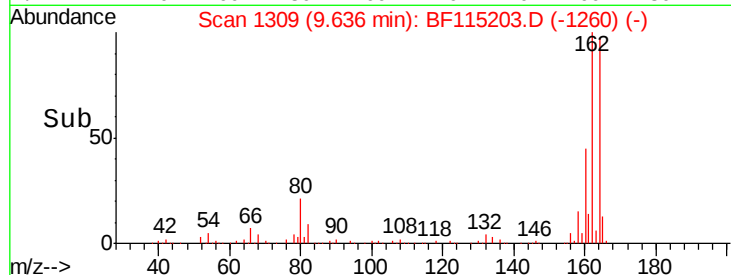
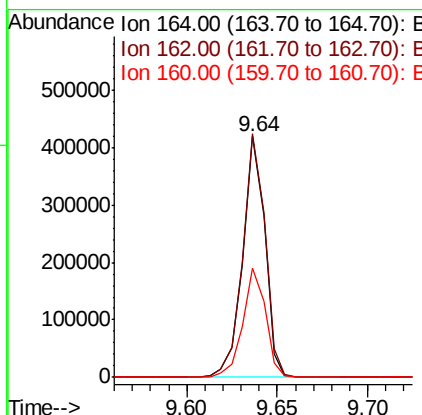
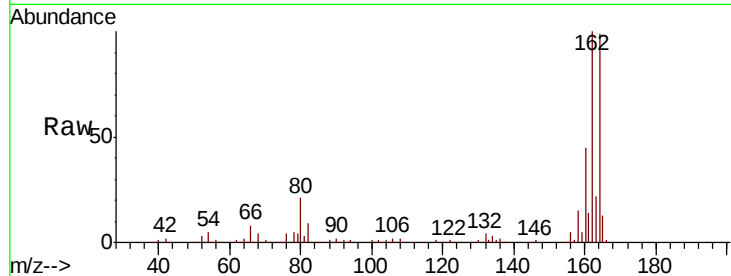
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	45.3	37.0	55.4

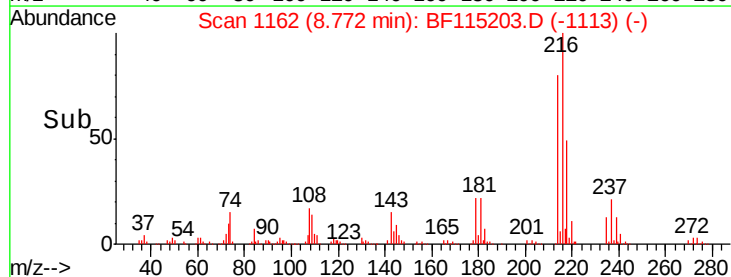
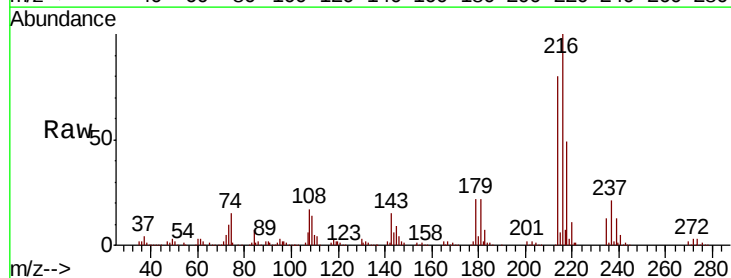
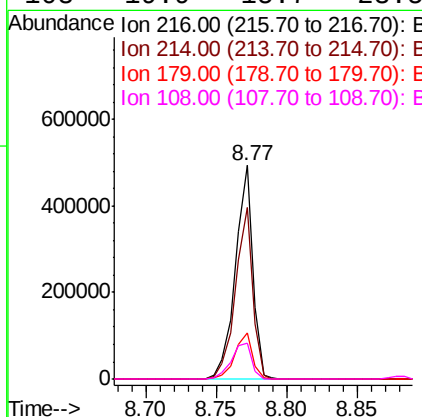
Manual Integrations
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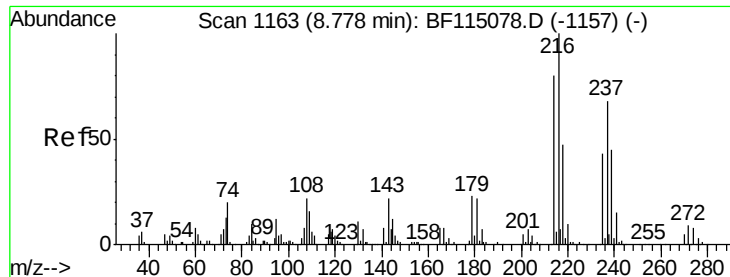
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.299 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	21.7	17.6	26.4
108	19.9	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 58.364 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

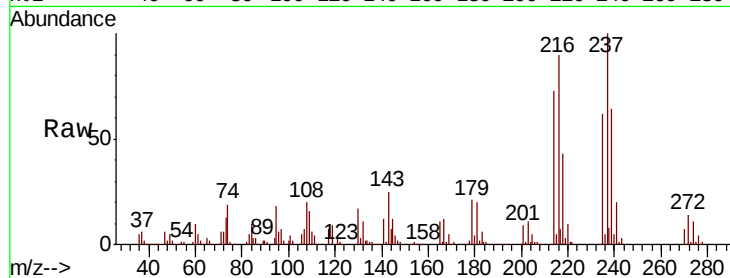
ClientSampleId :

BAT-B08MSD

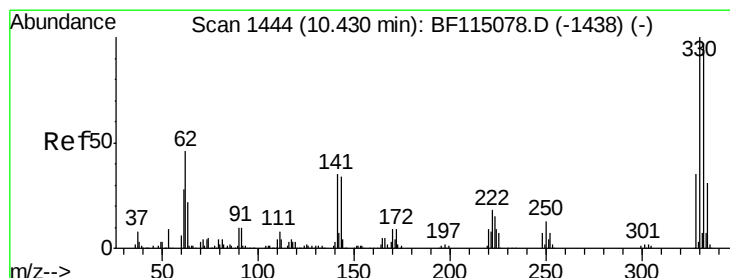
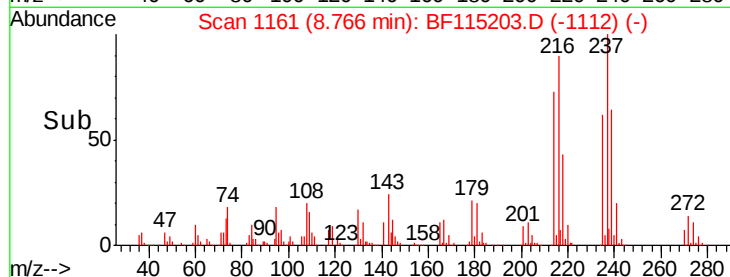
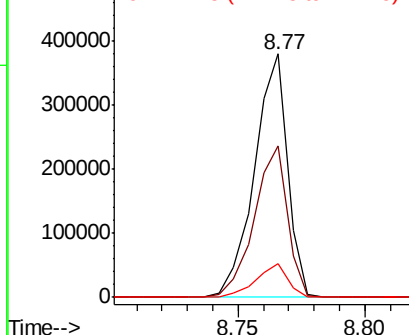
Tot Ion:	237	Resp:	347490
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.9	83.9
272	13.9	0.0	33.8

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: 119.776 ng

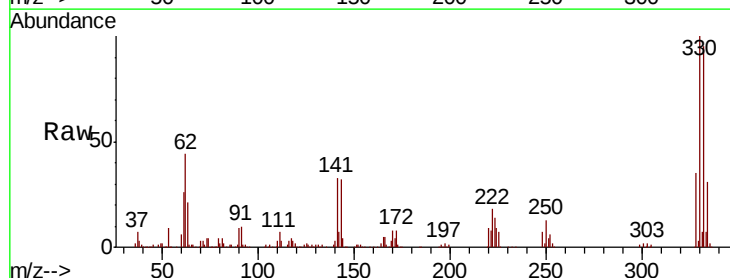
RT: 10.42 min Scan# 1442

Delta R.T. -0.01 min

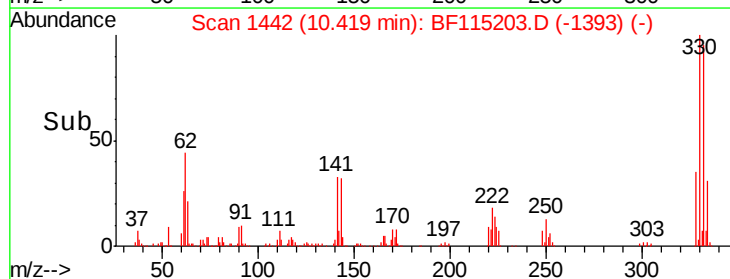
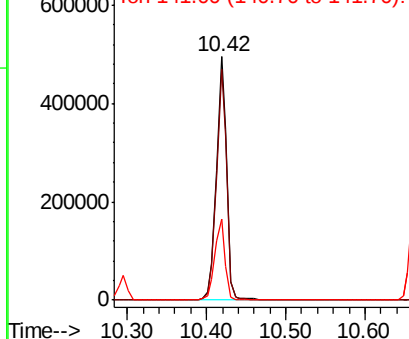
Lab File: BF115203.D

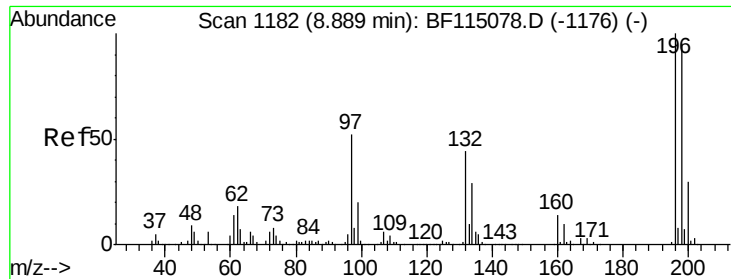
Acq: 25 Jun 2019 22:25

Tgt Ion:	330	Resp:	448800
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.3	115.9
141	33.3	28.2	42.2



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





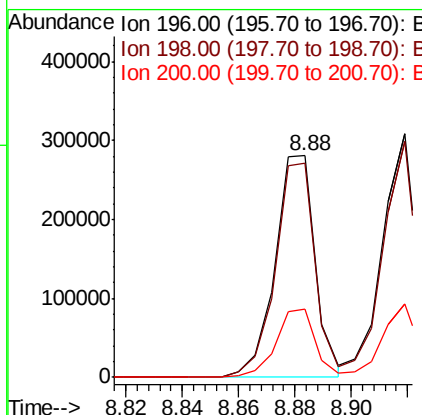
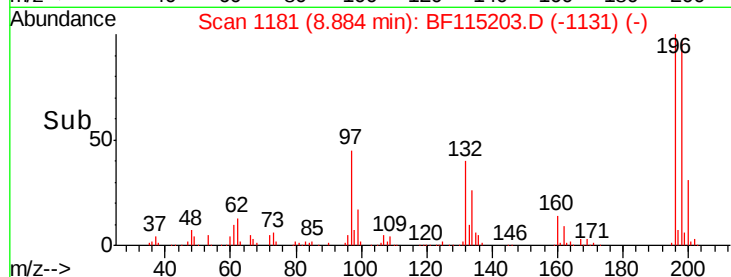
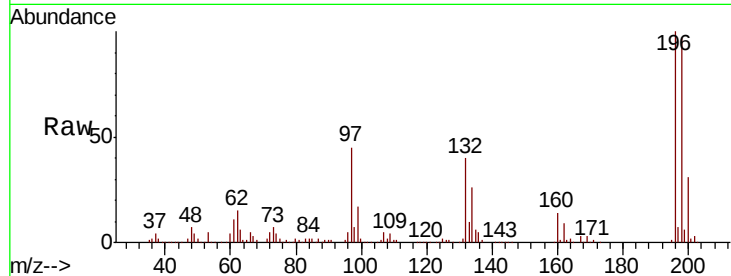
#43
 2,4,6-Trichlorophenol
 Concen: 35.751 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277135		
198	96.5	76.3	114.5	
200	30.6	24.2	36.4	

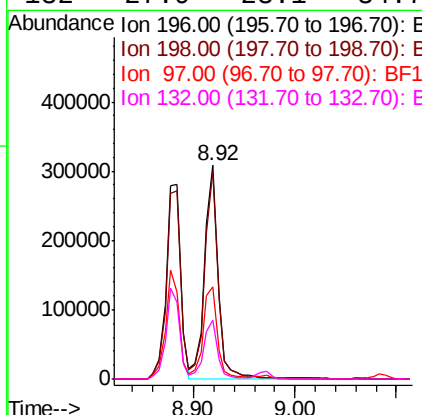
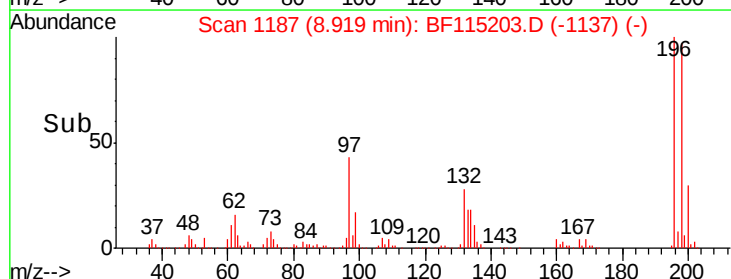
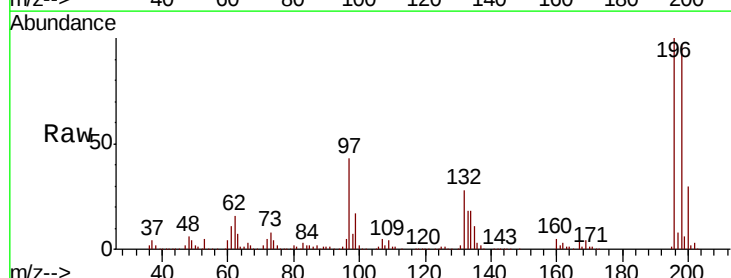
Manual Integrations
 APPROVED

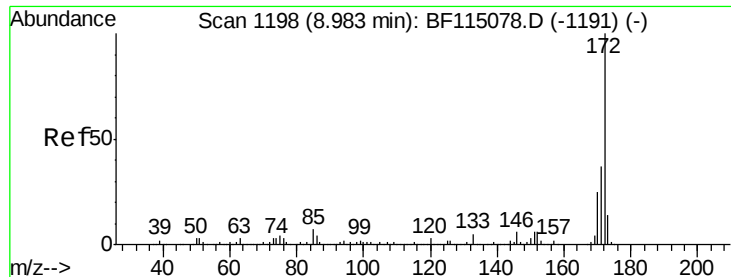
mohammad
 6/26/2019 2:03:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.069 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287932		
198	96.8	77.1	115.7	
97	42.9	37.7	56.5	
132	27.9	23.1	34.7	





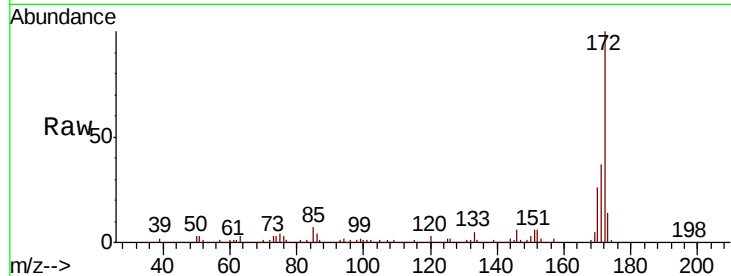
#45
2-Fluorobiphenyl
Concen: 102.442 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.6	20.3	30.5

Manual Integrations
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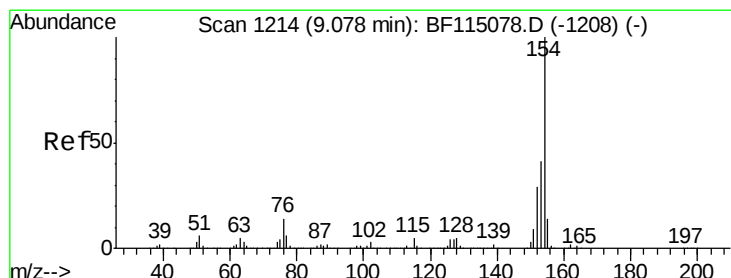
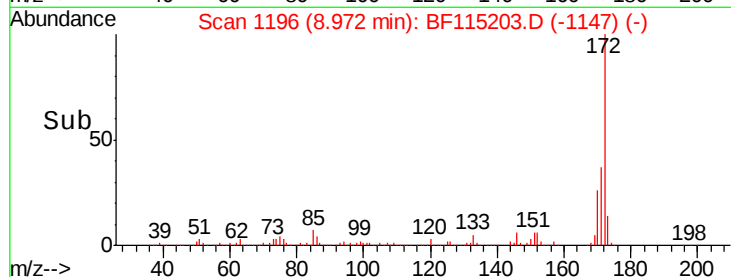
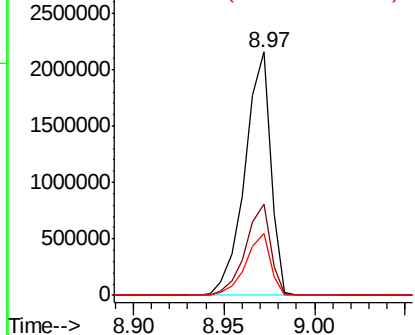


Abundance

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: 39.926 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

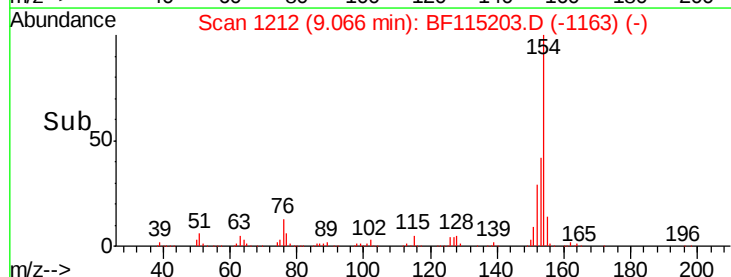
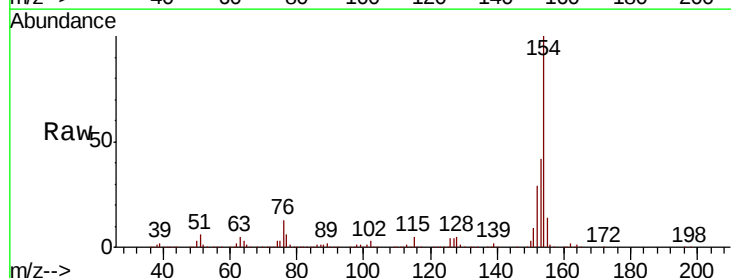
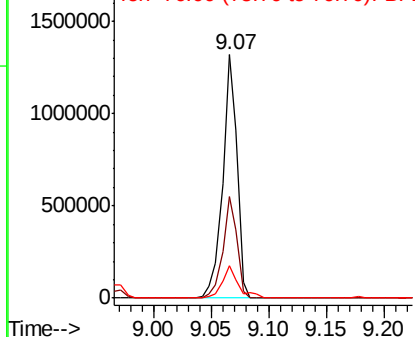
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	13.3	0.0	34.1

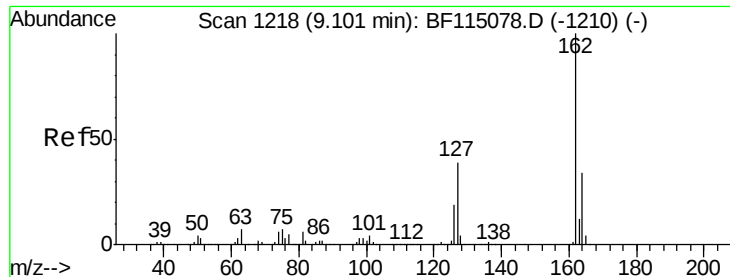
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





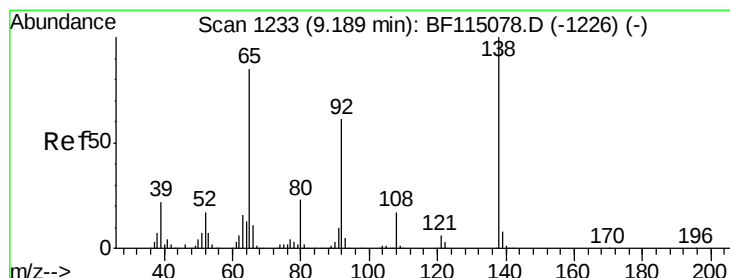
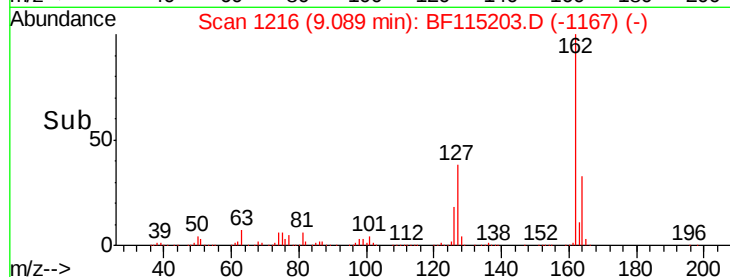
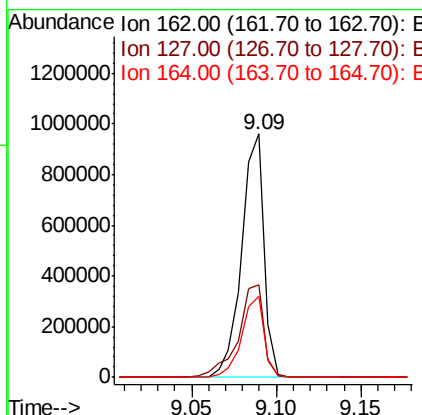
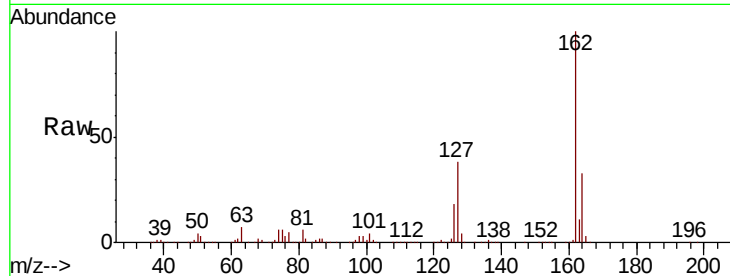
#47
2-Chloronaphthalene
Concen: 38.535 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	888677		
127	37.8		30.8	46.2
164	33.1		27.0	40.4

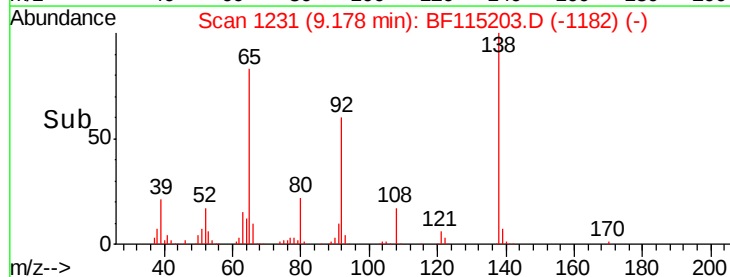
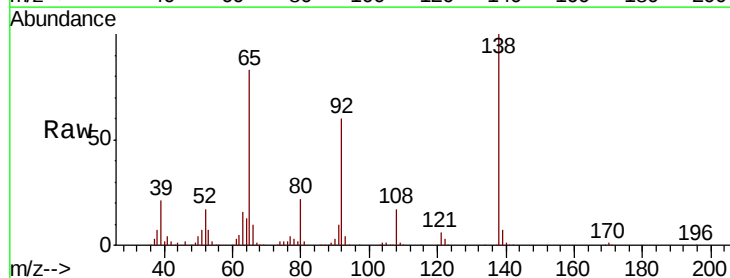
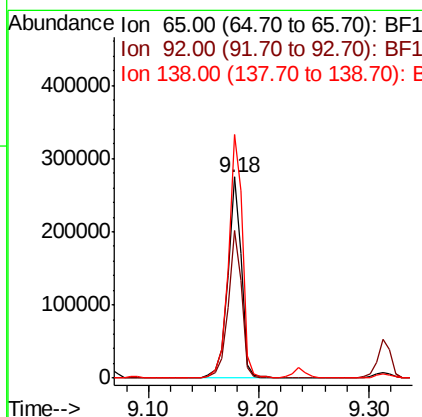
Manual Integrations
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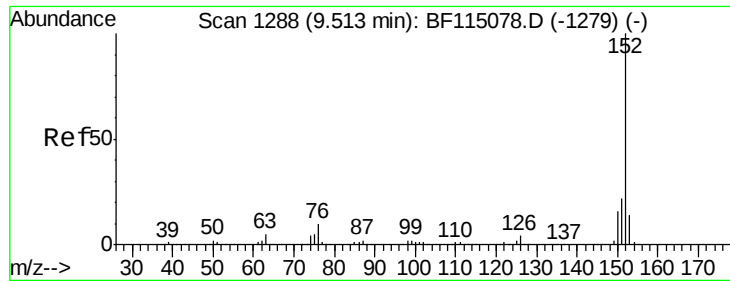
mohammad
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#48
2-Nitroaniline
Concen: 35.223 ng
RT: 9.18 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	236822		
92	73.1		57.4	86.2
138	121.0		94.1	141.1





#49

Acenaphthylene

Concen: 37.327 ng

RT: 9.50 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

Tot Ion:152 Resp: 1341181

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

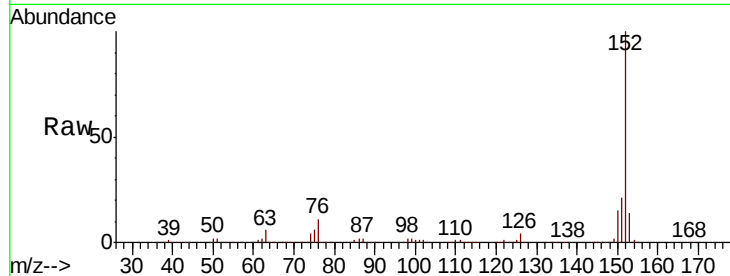
153 13.8 11.0 16.6

Manual Integrations

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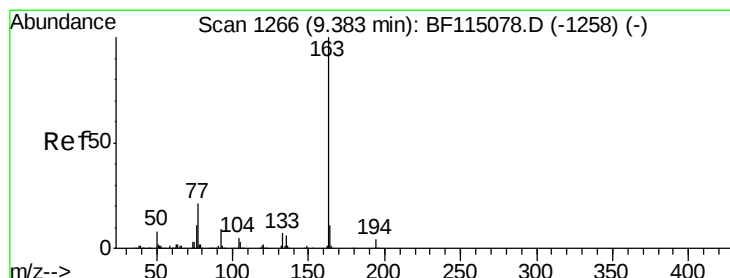
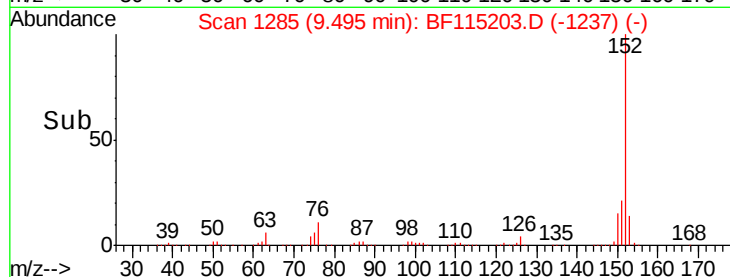
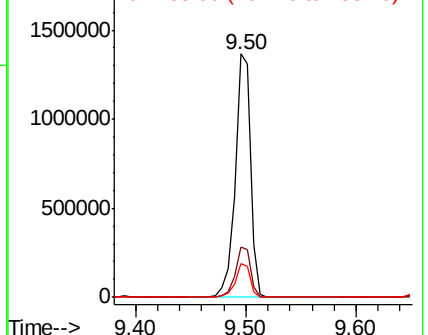
6/26/2019 2:03:48 PM



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: 45.319 ng

RT: 9.37 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

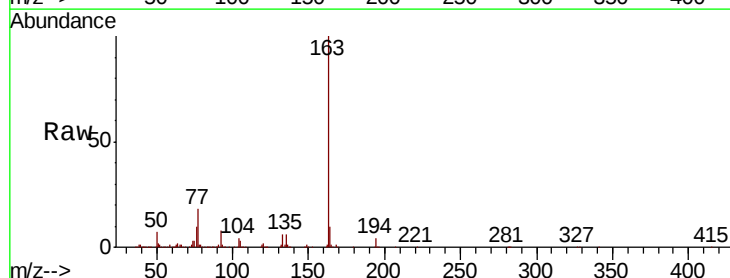
Tgt Ion:163 Resp: 1184726

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

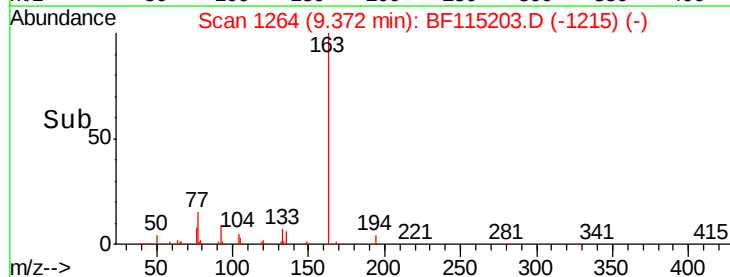
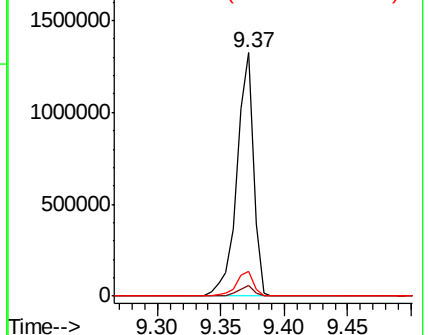
164 10.2 8.6 13.0

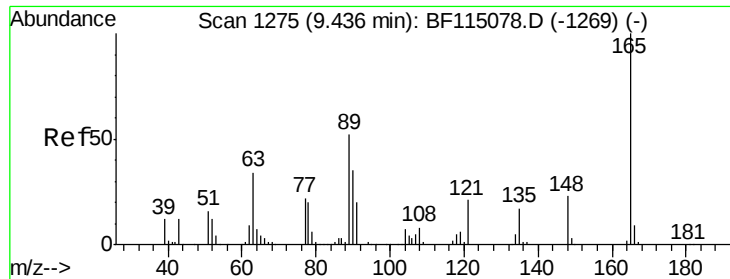


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





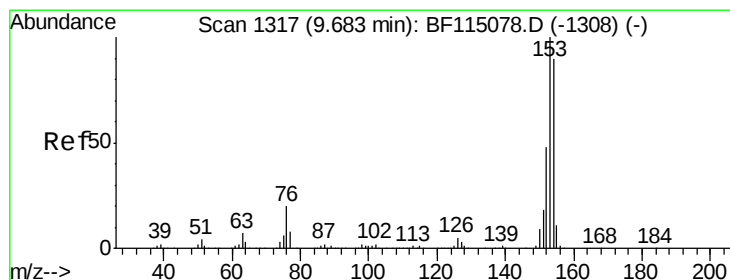
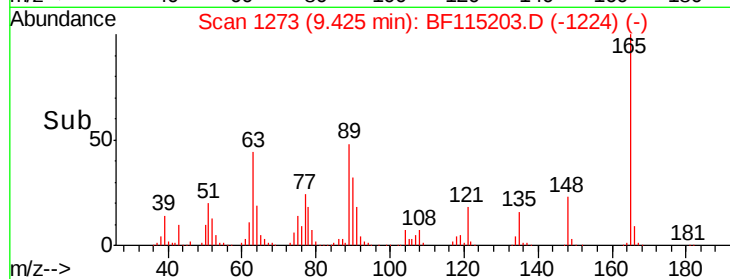
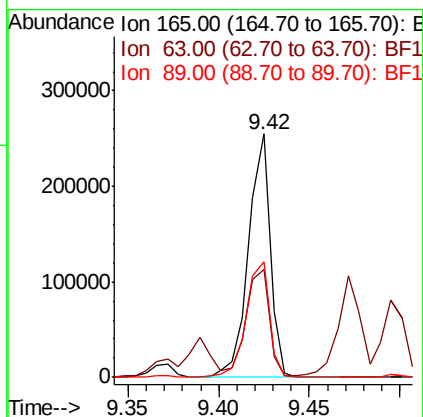
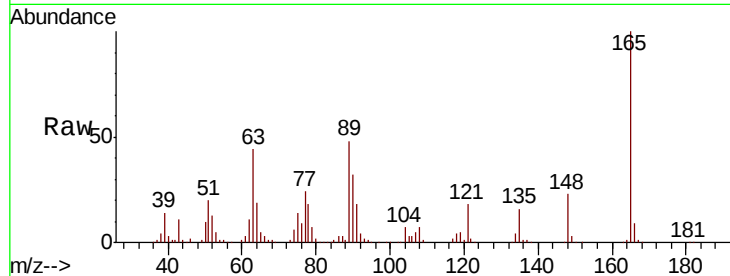
#51
2,6-Dinitrotoluene
Concen: 35.393 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	213607		
63	44.1	39.4	59.2	
89	47.7	42.0	63.0	

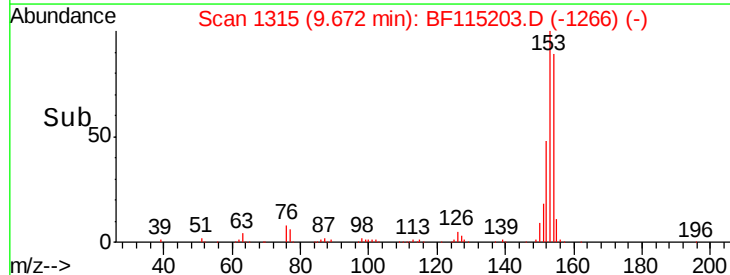
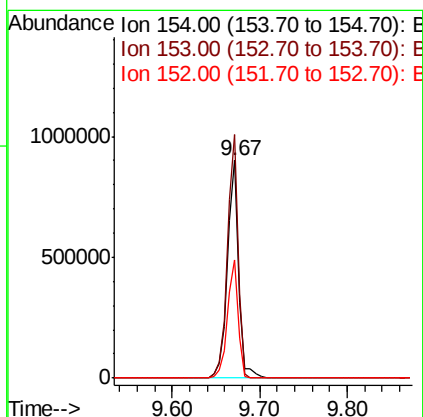
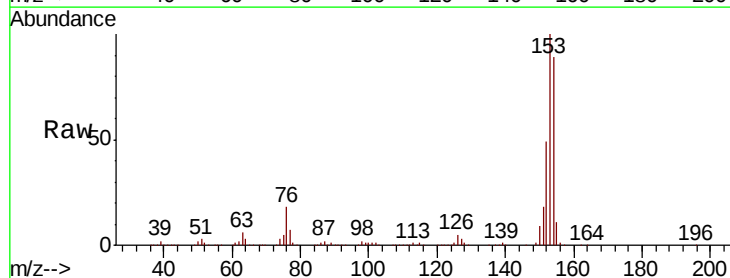
Manual Integrations
APPROVED

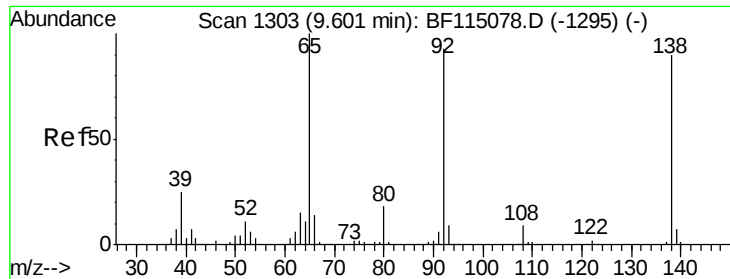
mohammad
6/26/2019 2:03:48 PM



#52
Acenaphthene
Concen: 35.681 ng
RT: 9.67 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	802241		
153	111.8	88.7	133.1	
152	54.3	42.6	64.0	





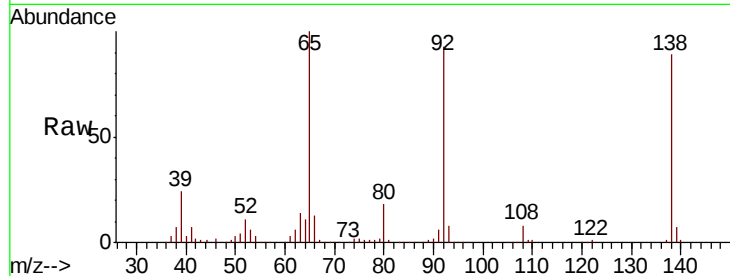
#53
3-Nitroaniline
Concen: 25.936 ng
RT: 9.58 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	104.1	82.9	124.3

Manual Integrations
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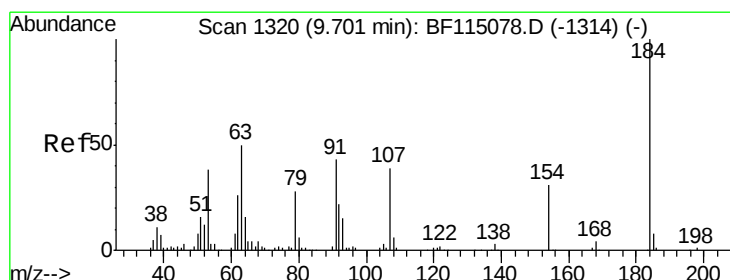
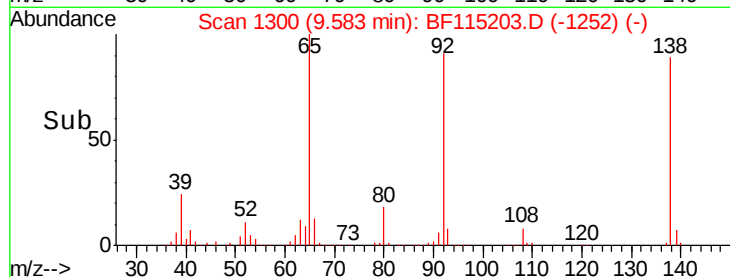
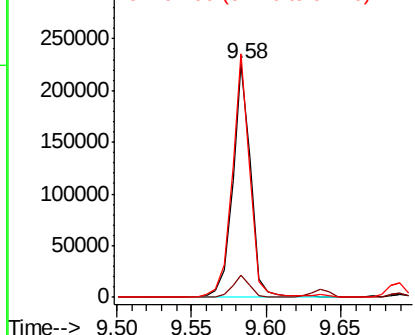


Abundance

Ion 138.00 (137.70 to 138.70): E

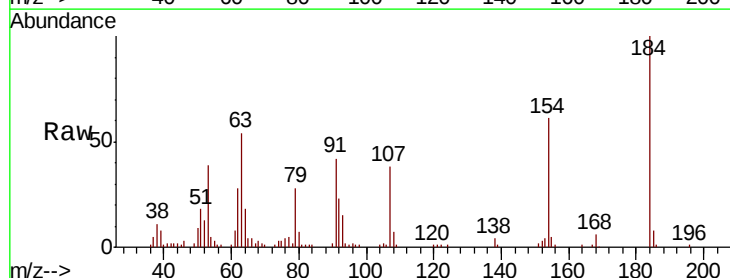
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 23.114 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	41.9	62.9
154	60.9	44.7	67.1

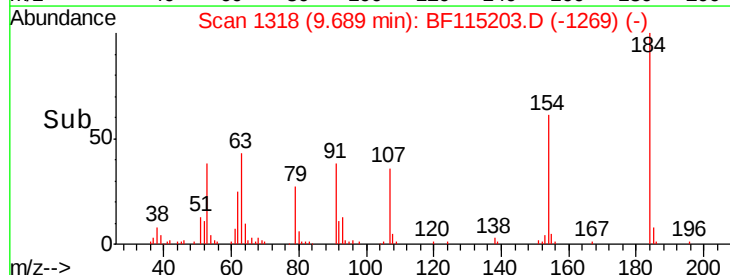
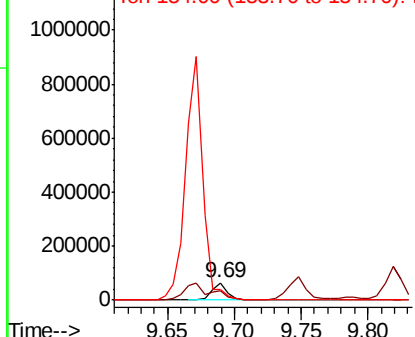


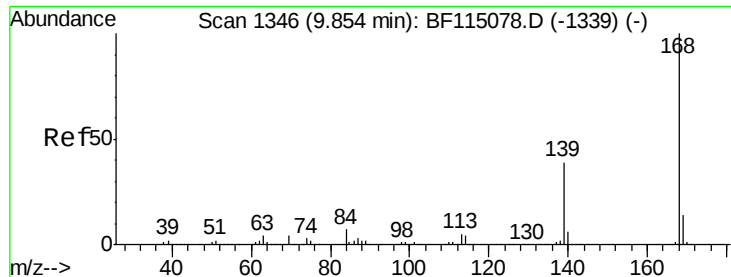
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





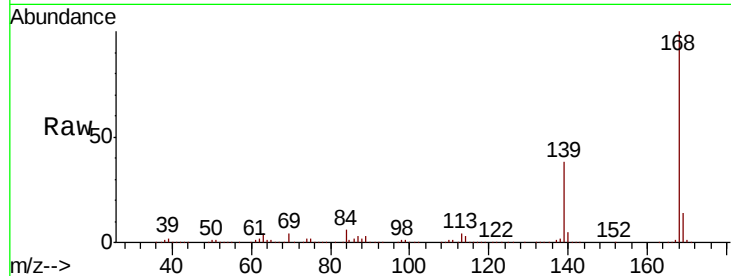
#55
Dibenzenofuran
Concen: 35.493 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	13.6	11.3	16.9

Manual Integrations
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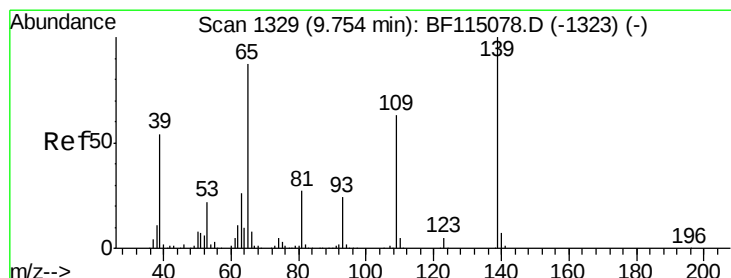
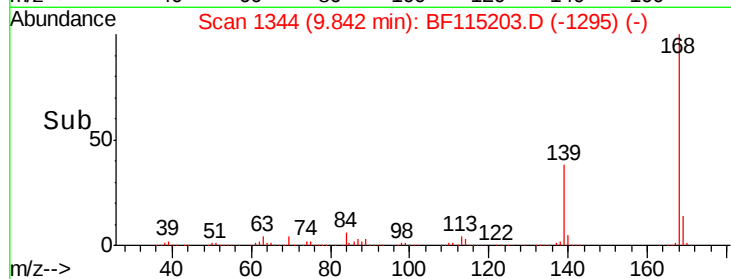
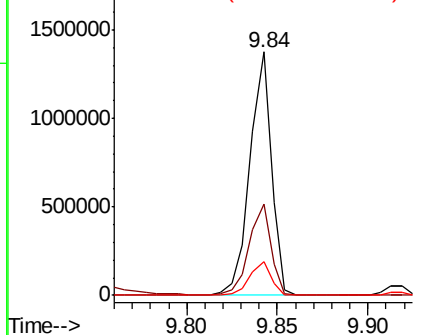


Abundance

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: 62.605 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

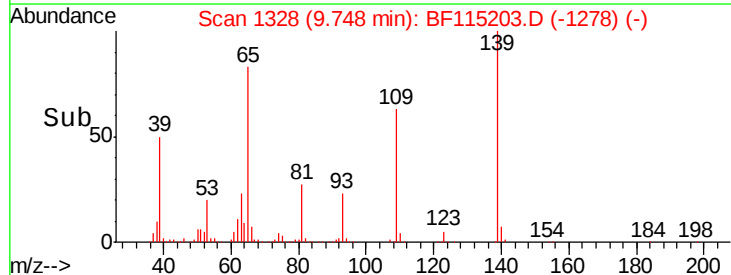
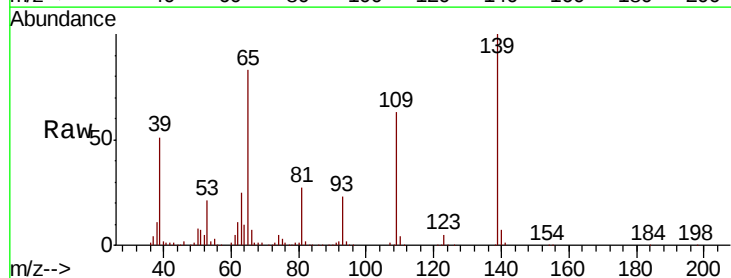
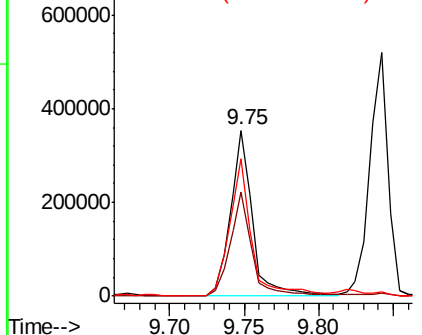
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.6	43.0	83.0
65	82.9	67.0	107.0

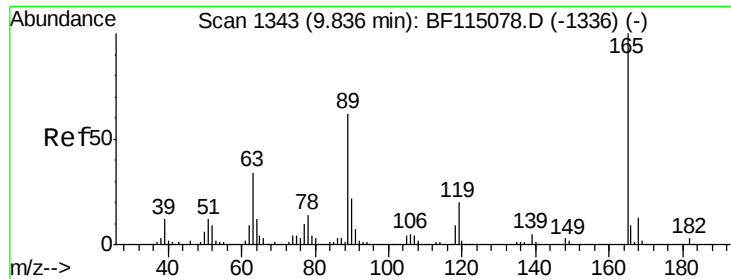
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





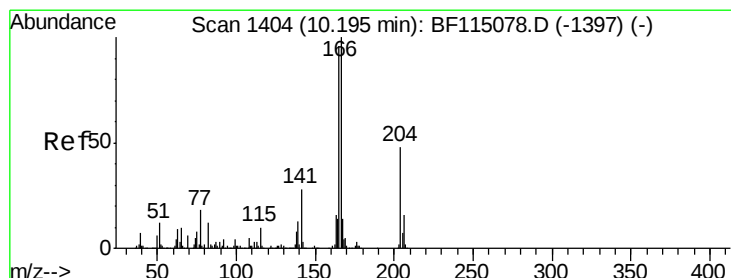
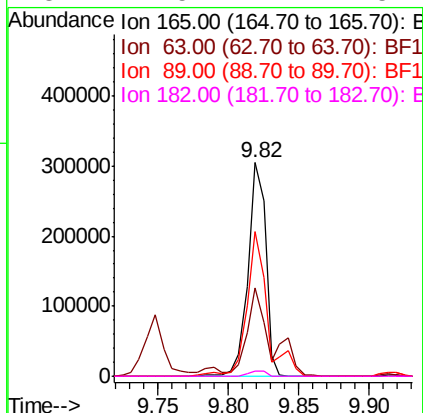
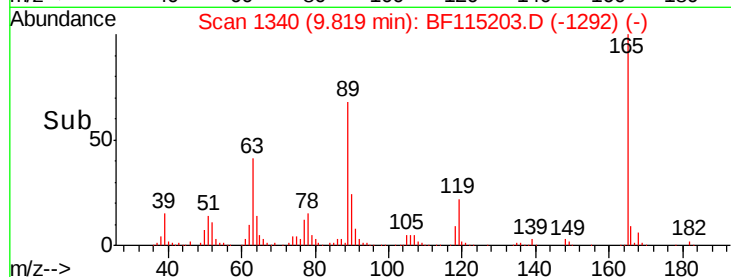
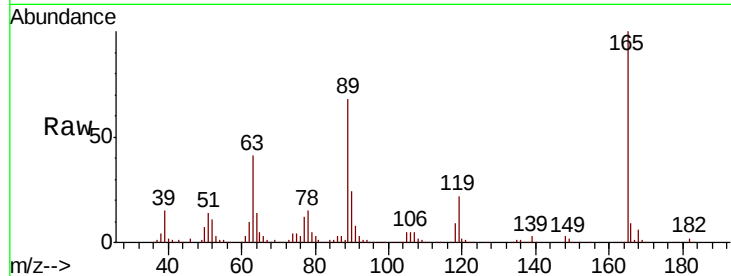
#57
2,4-Dinitrotoluene
Concen: 34.377 ng
RT: 9.82 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		267891		
63	41.2	27.5	41.3		
89	67.8	49.9	74.9		
182	2.5	2.1	3.1		

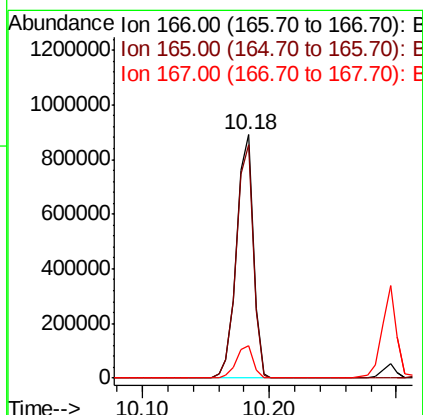
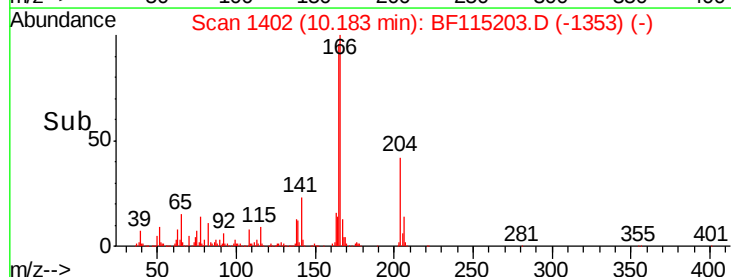
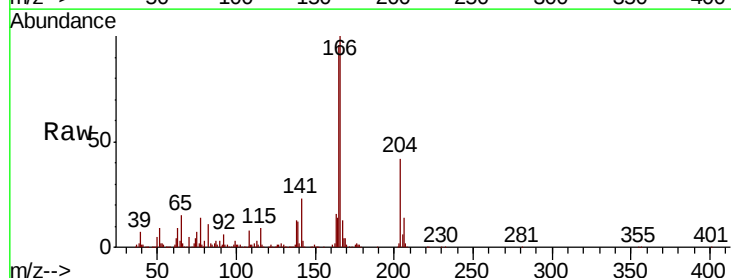
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#58
Fluorene
Concen: 36.521 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		811336		
165	95.9	76.5	114.7		
167	13.3	11.0	16.4		





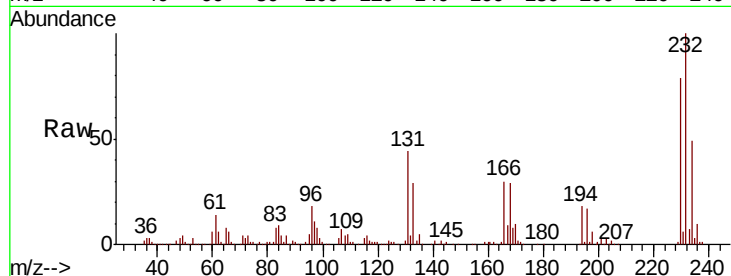
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.999 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

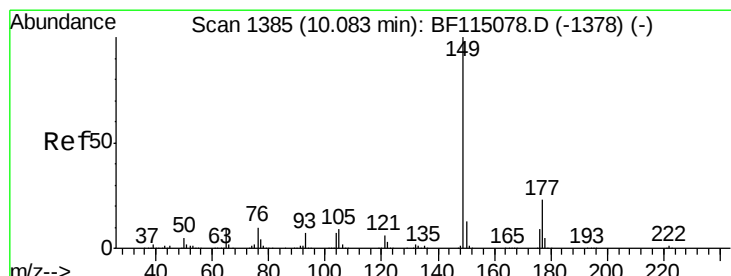
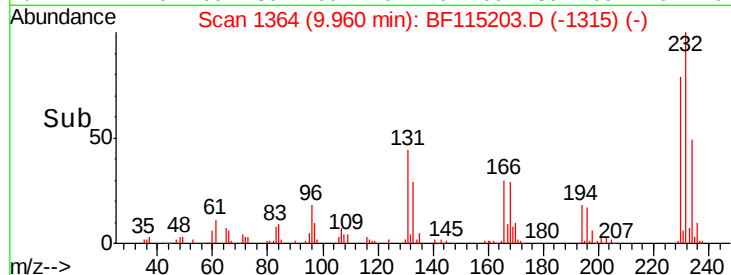
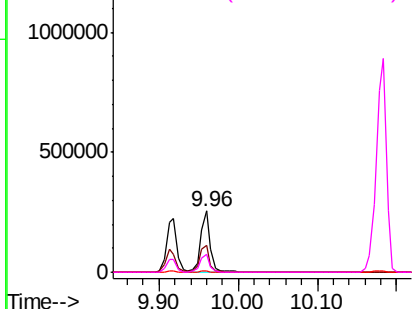
Tot Ion	Ratio	Resp	Lower	Upper
232	100	220887		
131	44.6		37.4	56.0
130	2.2		1.8	2.6
166	29.9		24.6	36.8

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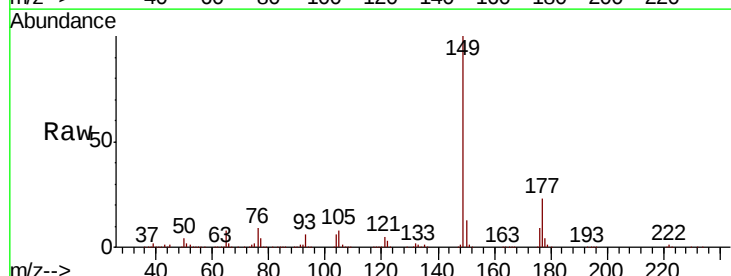


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

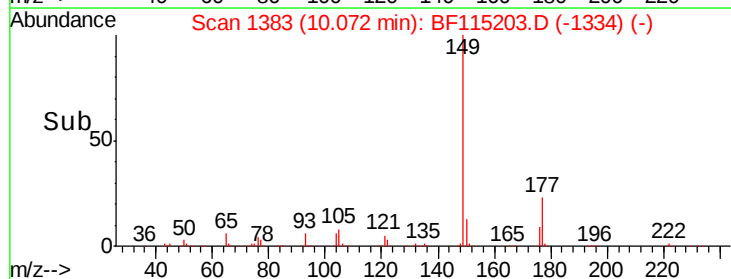
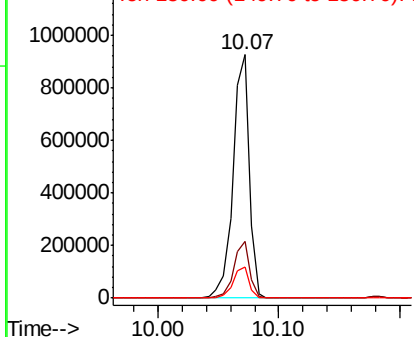


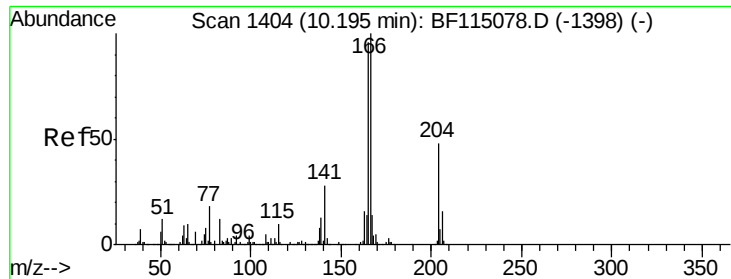
#60
 Diethylphthalate
 Concen: 32.979 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	866621		
177	23.2		18.7	28.1
150	12.7		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





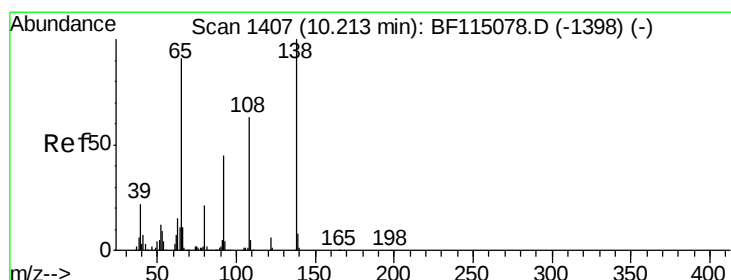
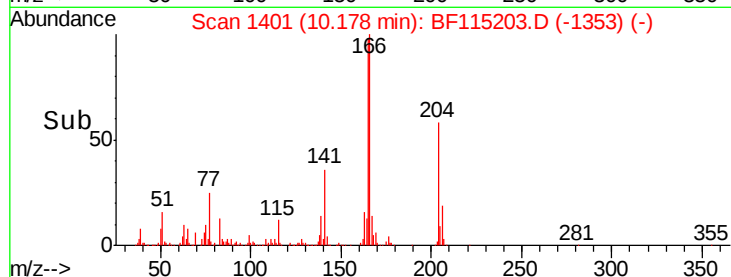
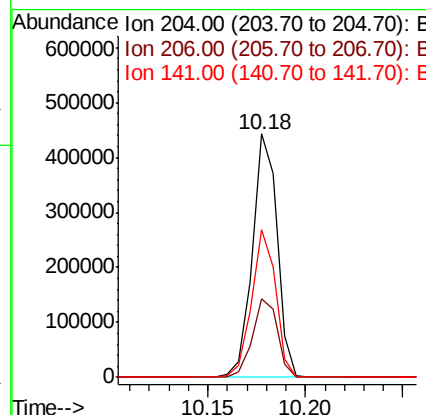
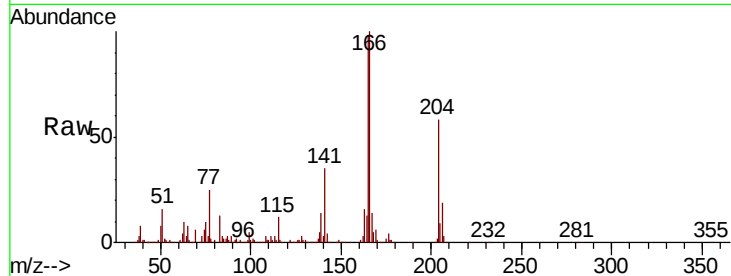
#61
4-Chlorophenyl-phenylether
Concen: 36.811 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.2	26.6	40.0	
141	60.9	46.7	70.1	

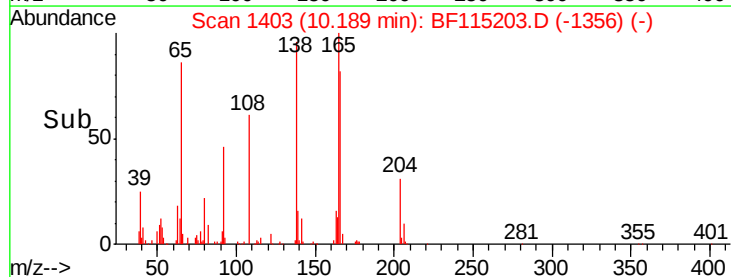
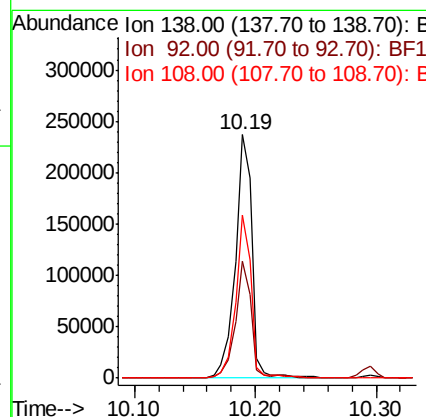
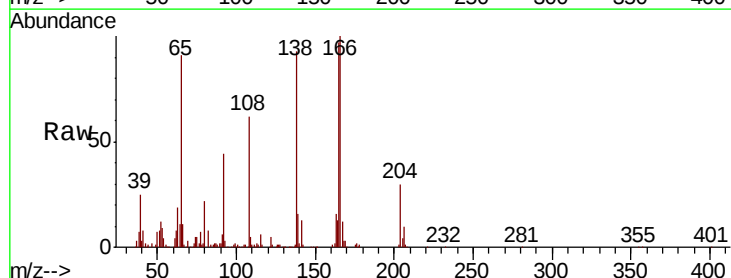
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#62
4-Nitroaniline
Concen: 30.730 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	47.9	24.8	64.8	
108	66.9	43.3	83.3	





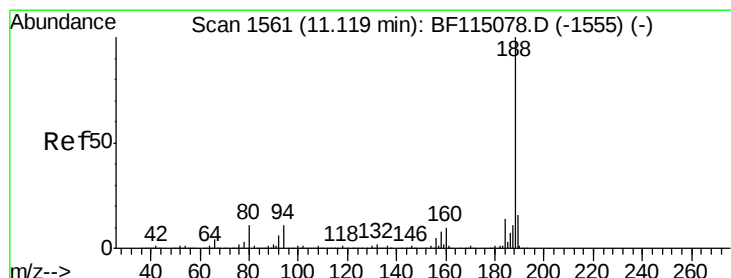
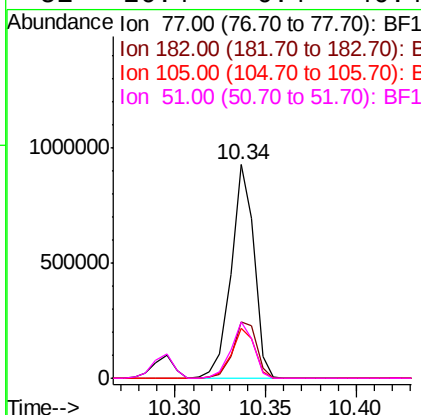
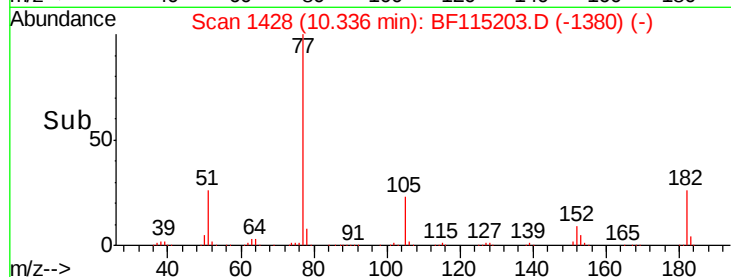
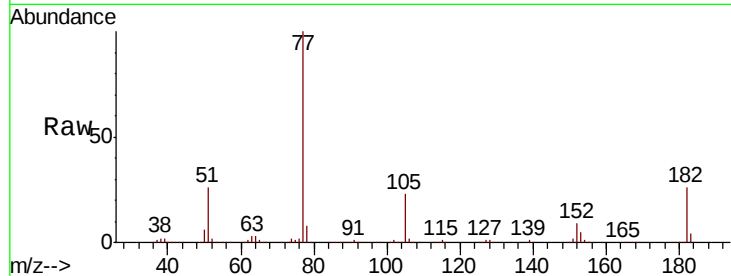
#63
Azobenzene
Concen: 33.142 ng
RT: 10.34 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampled :
BAT-B08MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.1	10.1	50.1		
105	23.3	4.5	44.5		
51	26.4	6.4	46.4		

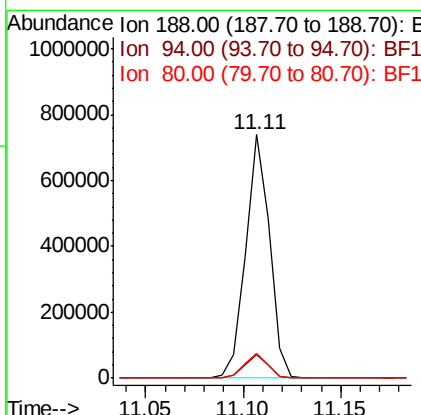
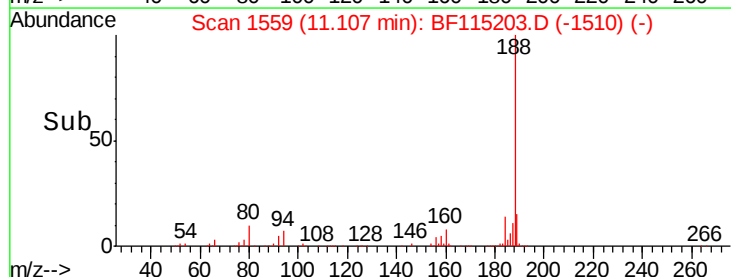
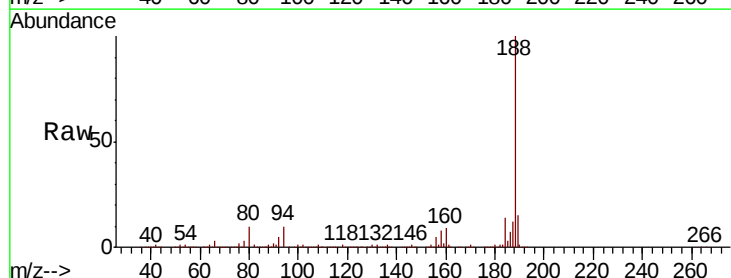
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.7	8.6	12.8		
80	10.1	8.8	13.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 29.469 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

ClientSampleId :

BAT-B08MSD

Tot Ion:198 Resp: 91056

Ion Ratio Lower Upper

198 100

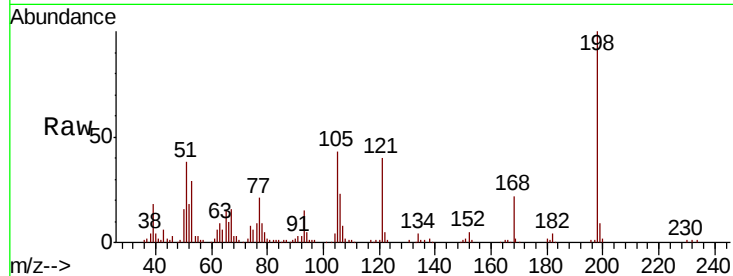
51 37.9 11.0 51.0

105 42.5 17.3 57.3

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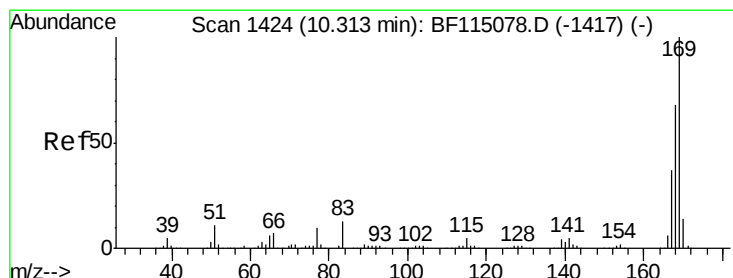
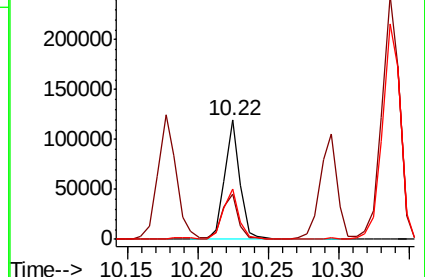
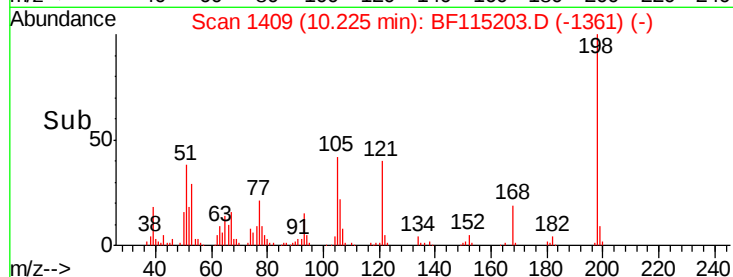
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.890 ng

RT: 10.30 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

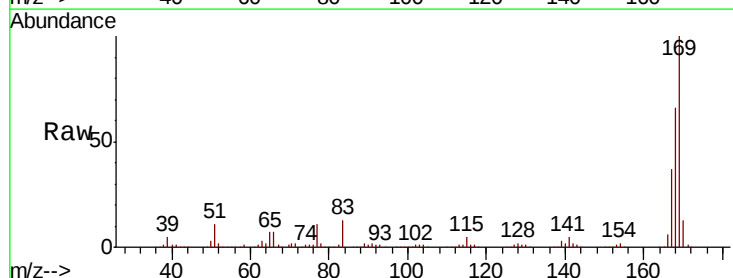
Tgt Ion:169 Resp: 739066

Ion Ratio Lower Upper

169 100

168 66.2 54.2 81.4

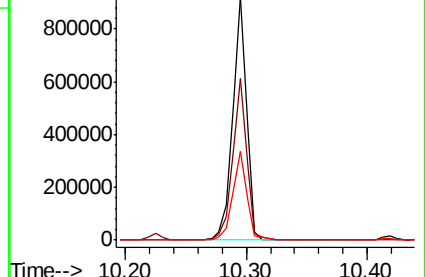
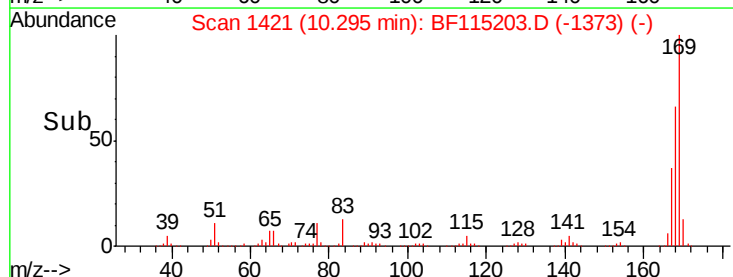
167 36.5 29.4 44.0

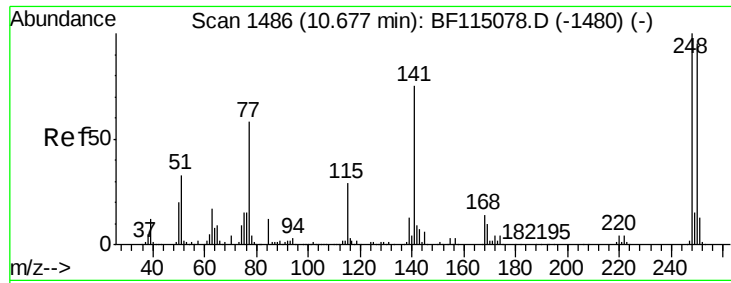


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





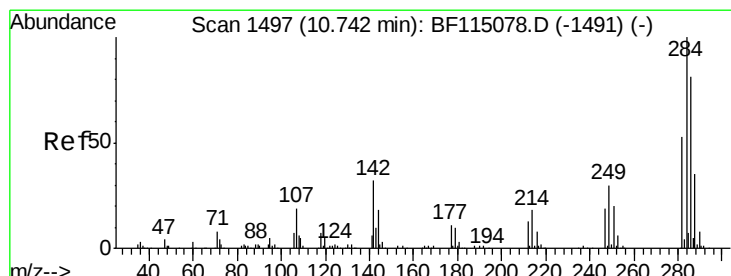
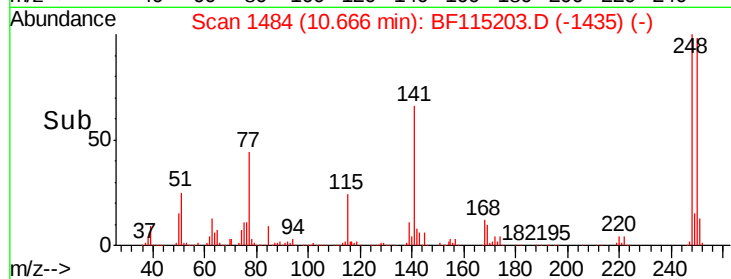
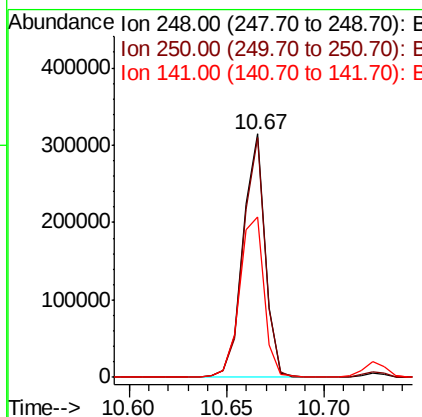
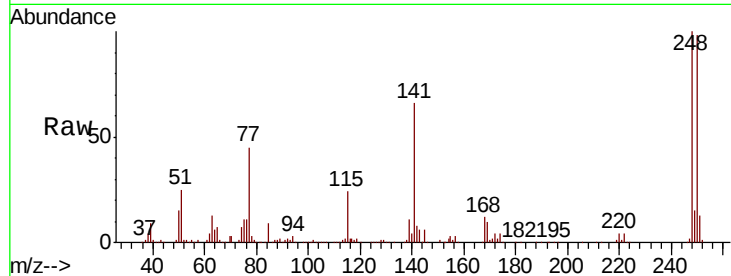
#67
 4-Bromophenyl-phenylether
 Concen: 36.472 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tot Ion:	248	Resp:	247575
Ion Ratio	Lower	Upper	
248	100		
250	98.5	76.2	114.2
141	65.6	59.6	89.4

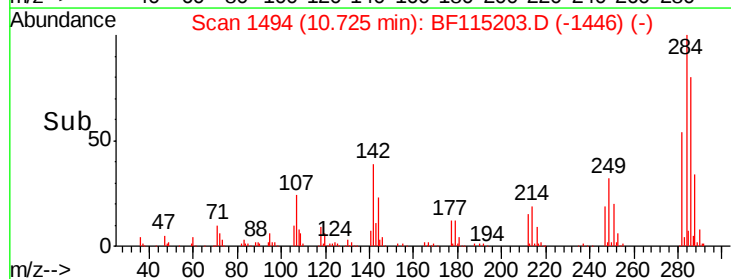
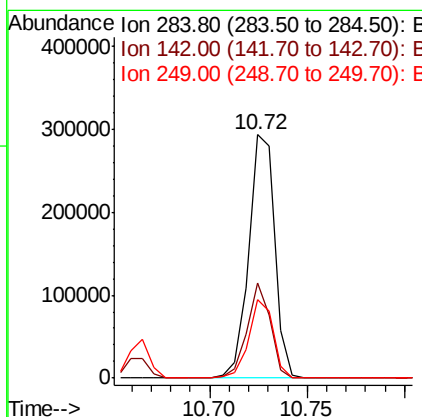
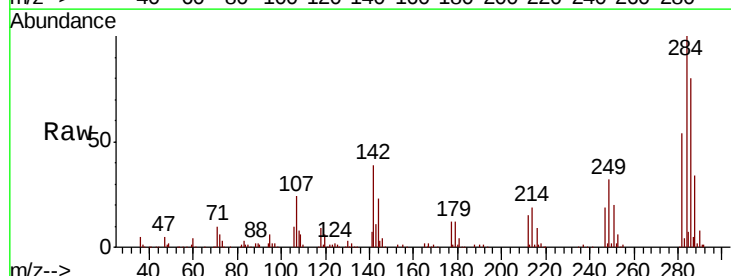
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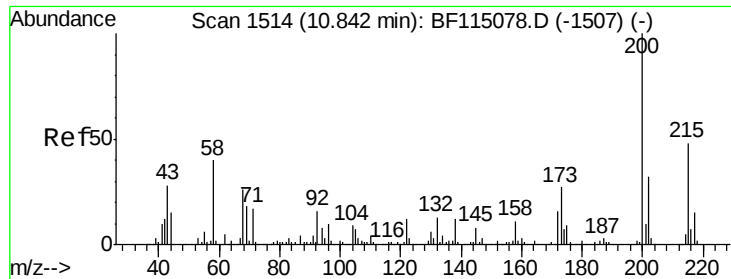
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#68
 Hexachlorobenzene
 Concen: 36.748 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion:	284	Resp:	270761
Ion Ratio	Lower	Upper	
284	100		
142	39.3	25.8	38.8#
249	32.5	24.2	36.4





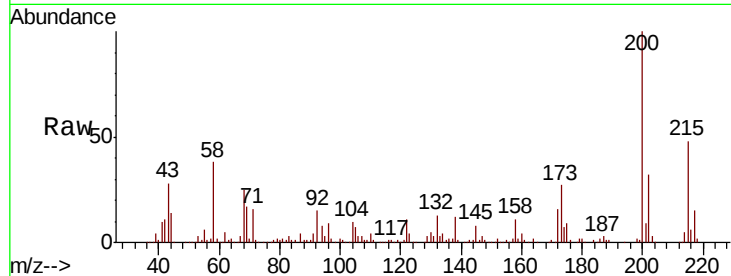
#69
 Atrazine
 Concen: 35.077 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.4	47.4
215	47.8	27.8	67.8

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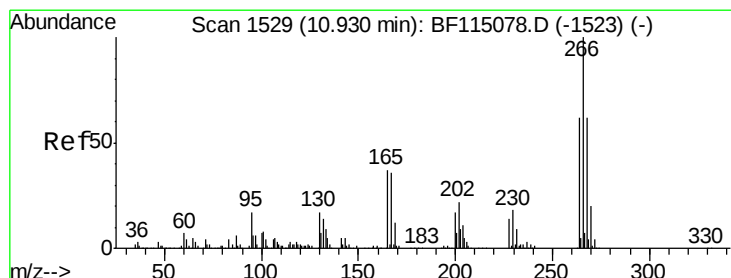
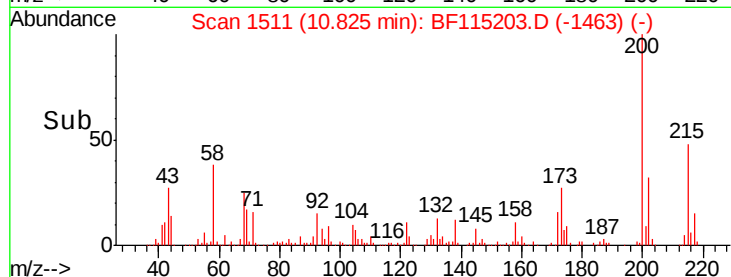
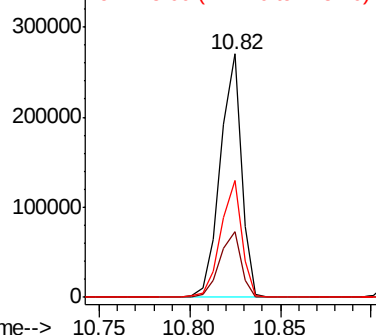


Abundance

Ion 200.00 (199.70 to 200.70): E

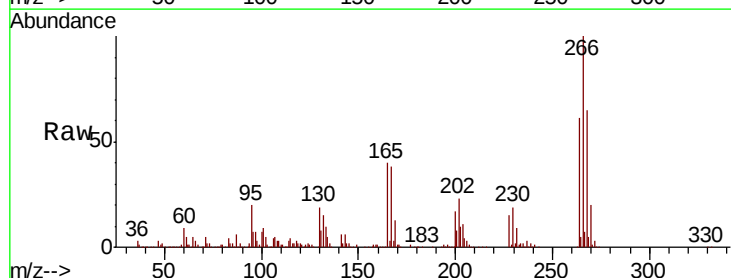
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 68.855 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.5	74.3
264	61.0	49.3	73.9

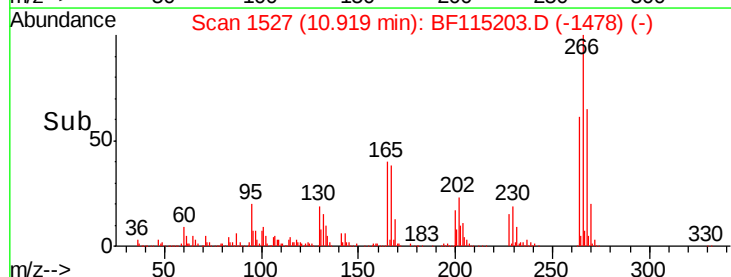
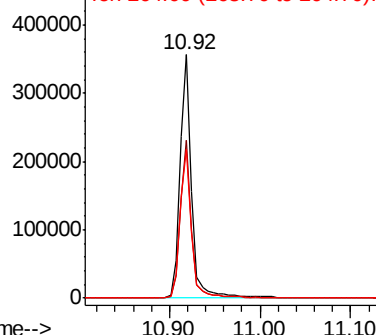


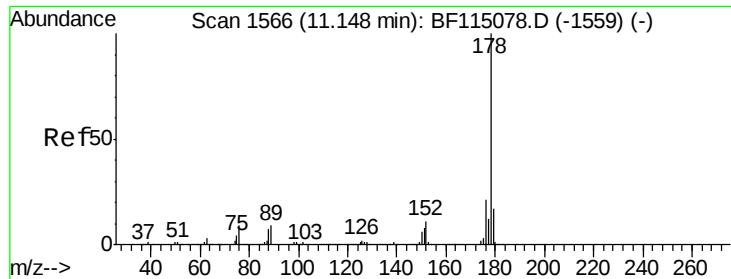
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





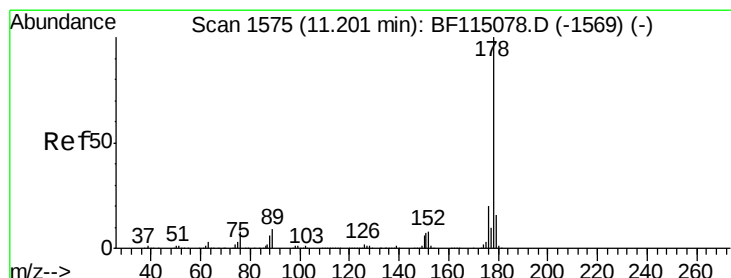
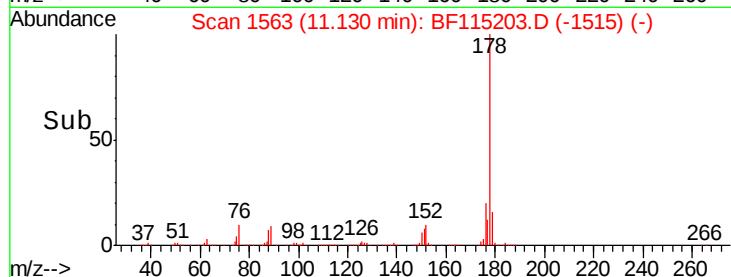
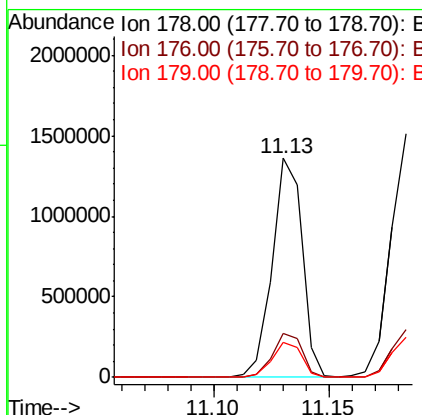
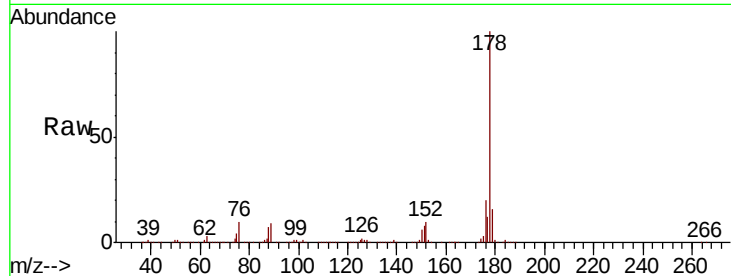
#71
Phenanthrene
Concen: 36.273 ng
RT: 11.13 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.9	25.3
179	16.2	13.2	19.8

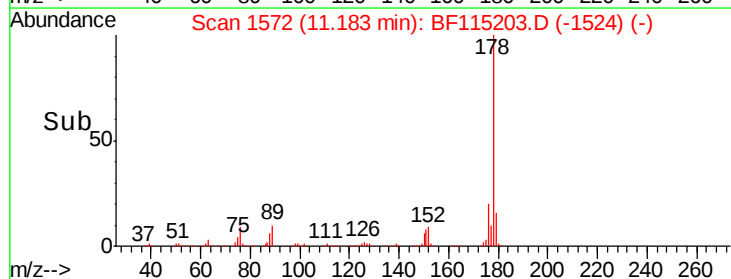
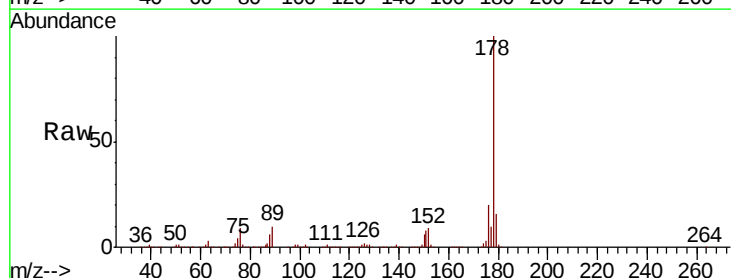
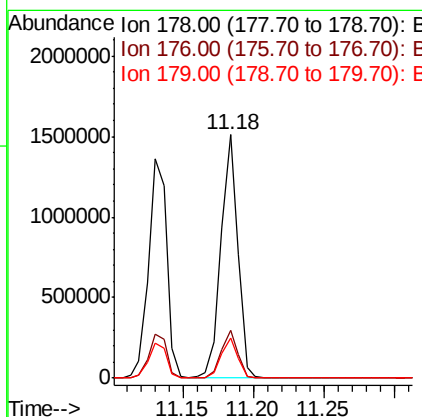
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#72
Anthracene
Concen: 36.843 ng
RT: 11.18 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	16.2	12.9	19.3





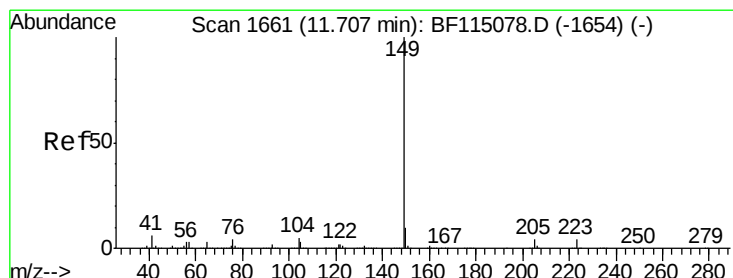
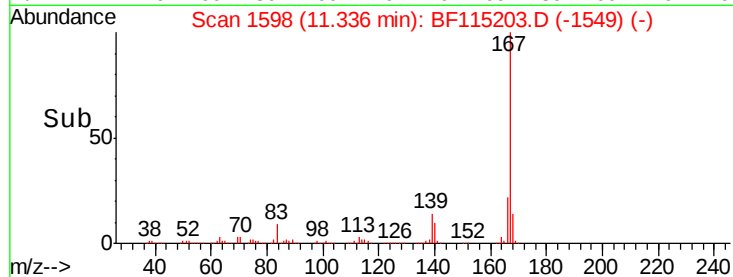
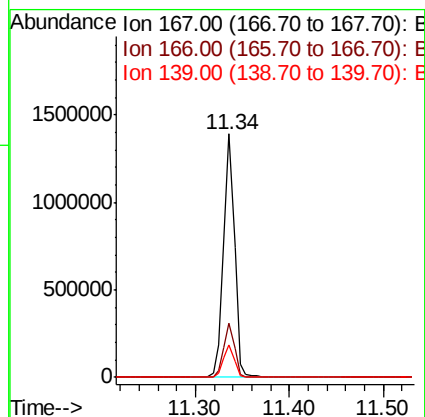
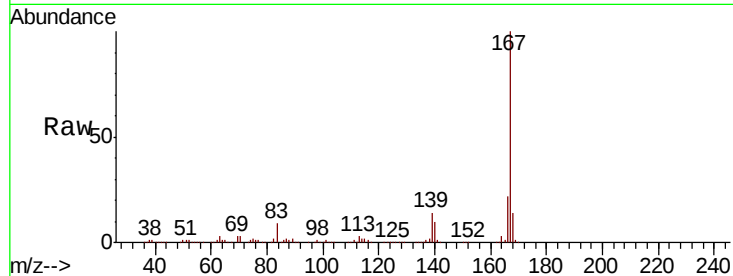
#73
 Carbazole
 Concen: 37.983 ng
 RT: 11.34 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.5	11.1	16.7

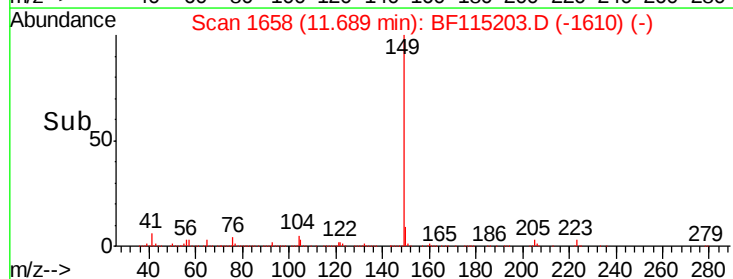
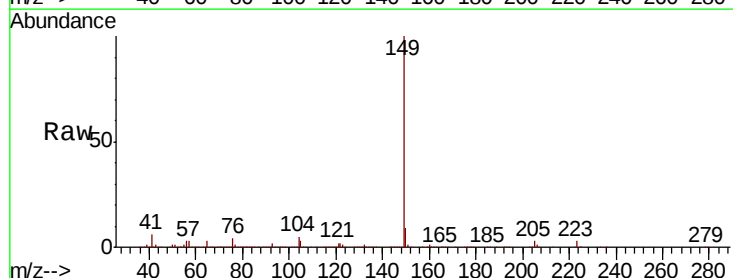
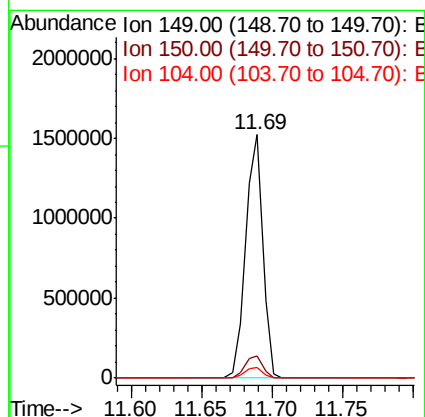
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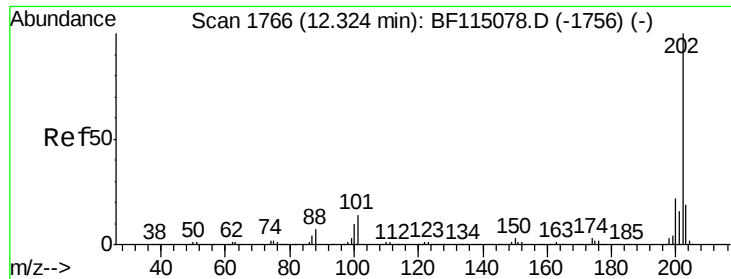
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#74
 Di-n-butylphthalate
 Concen: 36.591 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 40.154 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

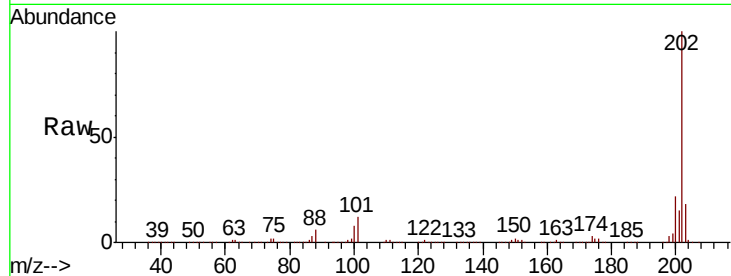
ClientSampleId :

BAT-B08MSD

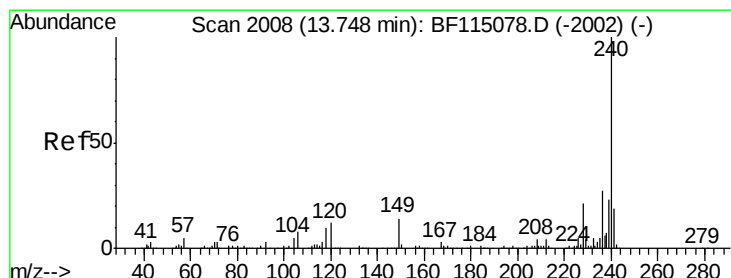
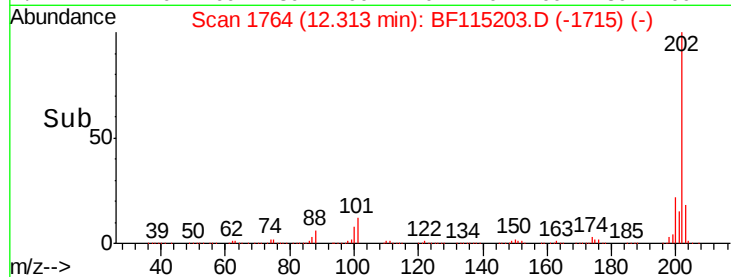
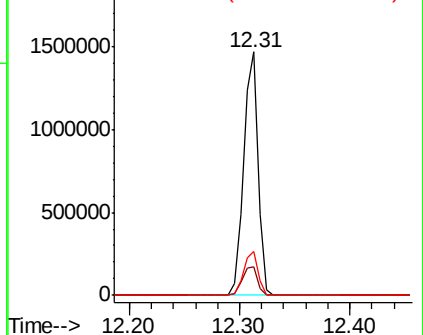
Tot Ion:	202	Resp:	1350521
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.0
203	18.1	0.0	38.8

Manual Integrations
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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

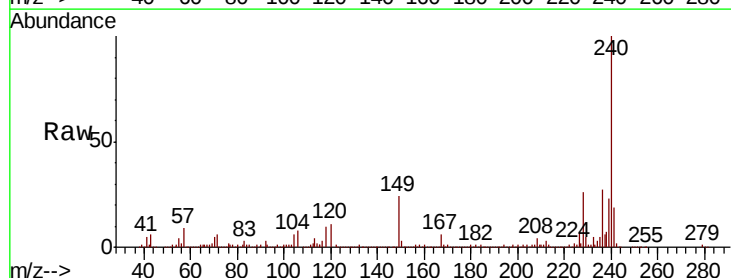
RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

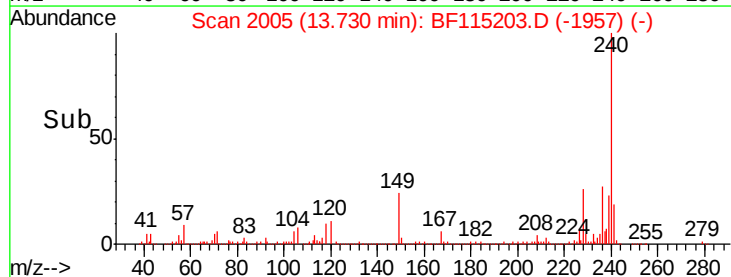
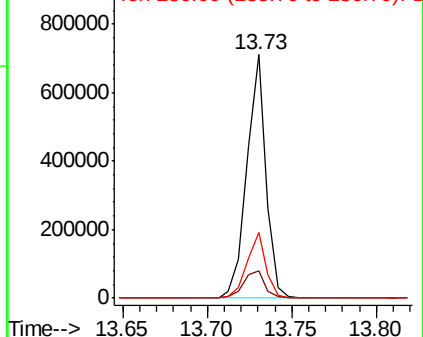
Lab File: BF115203.D

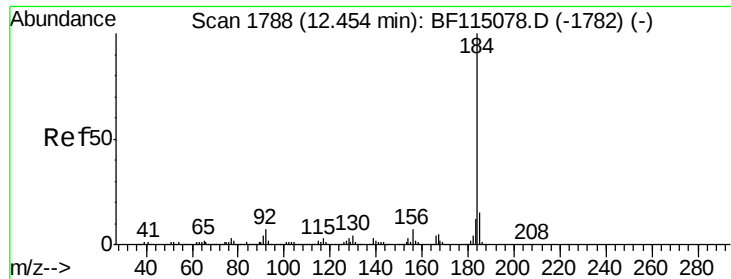
Acq: 25 Jun 2019 22:25

Tgt Ion:	240	Resp:	563877
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.4	14.2
236	27.1	21.7	32.5



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: 25.843 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

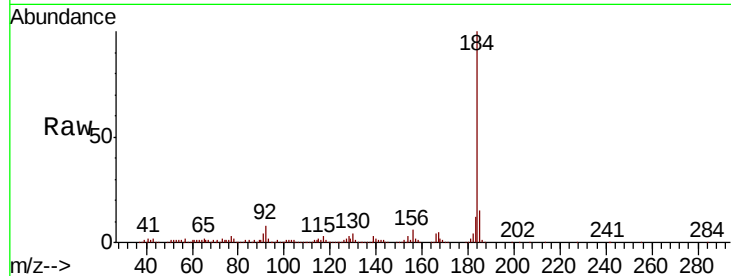
ClientSampleId :

BAT-B08MSD

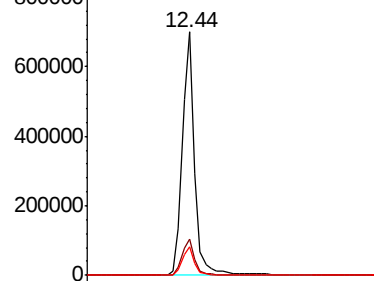
Tot Ion:	184	Resp:	647076
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	11.5	9.6	14.4

Manual Integrations
APPROVED

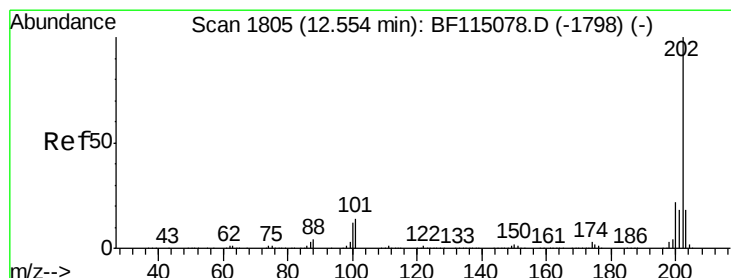
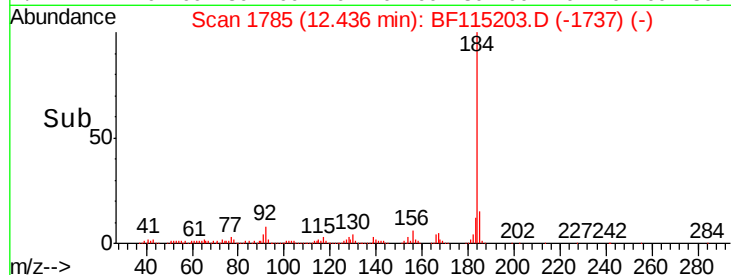
mohammad
6/26/2019 2:03:48 PM



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



Time-->



#78

Pyrene

Concen: 32.276 ng

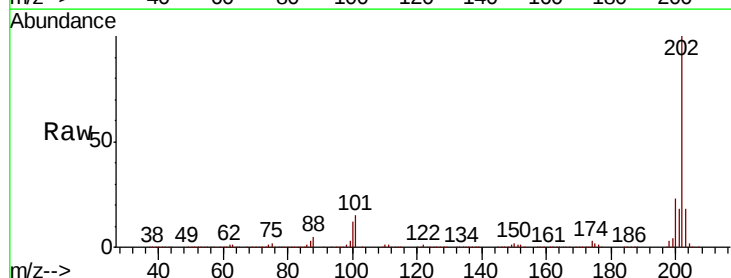
RT: 12.54 min Scan# 1802

Delta R.T. -0.02 min

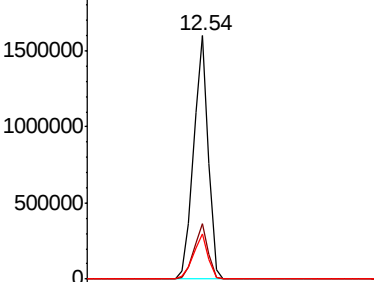
Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

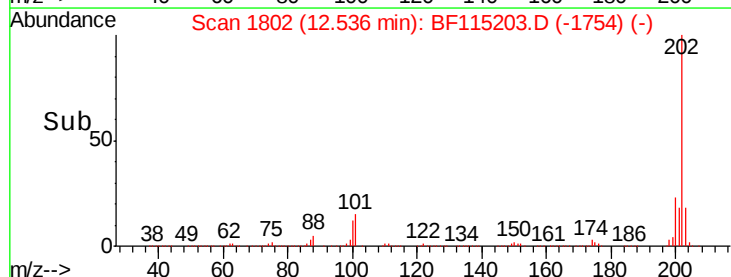
Tgt Ion:	202	Resp:	1398678
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.9	26.9
203	18.4	14.6	21.8



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



Time-->





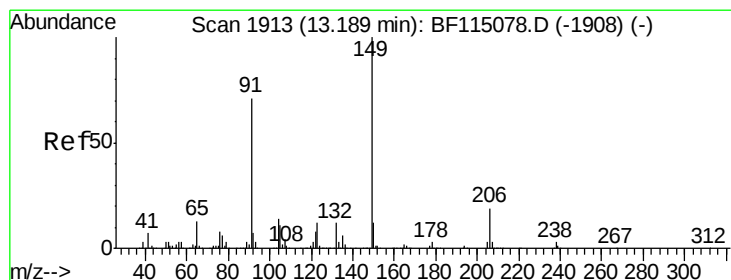
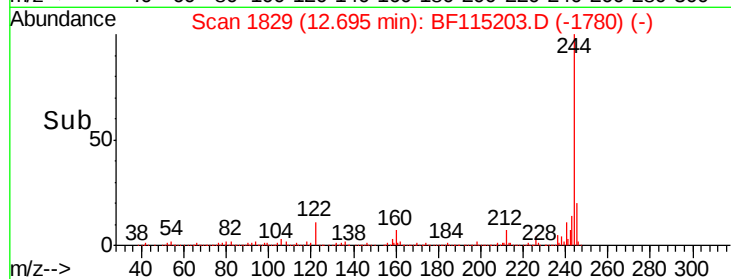
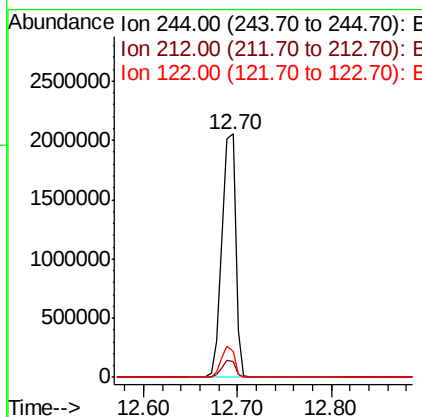
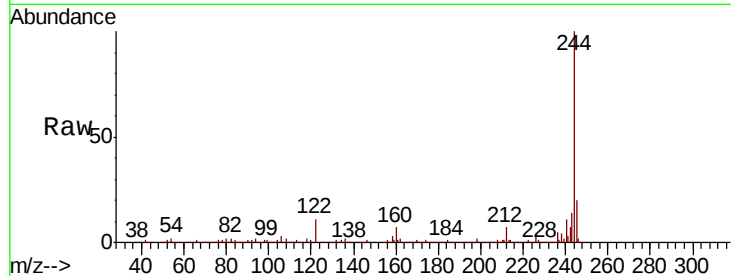
#79
 Terphenyl-d14
 Concen: 79.933 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Instrument :
 BNA_F
 ClientSampled :
 BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.6	10.4	15.6

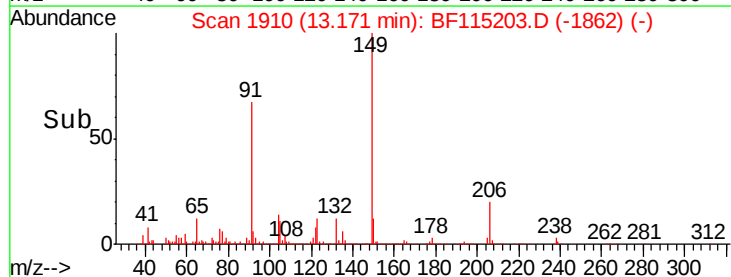
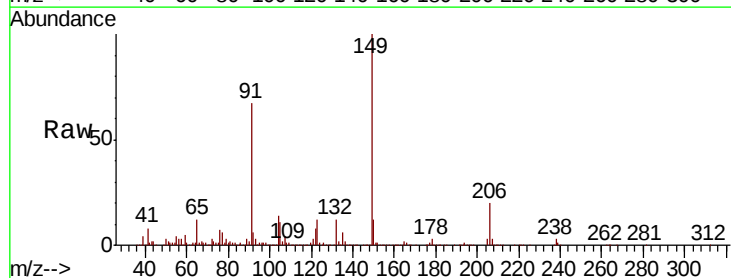
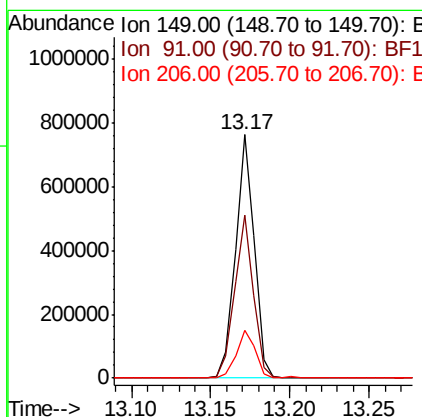
Manual Integrations
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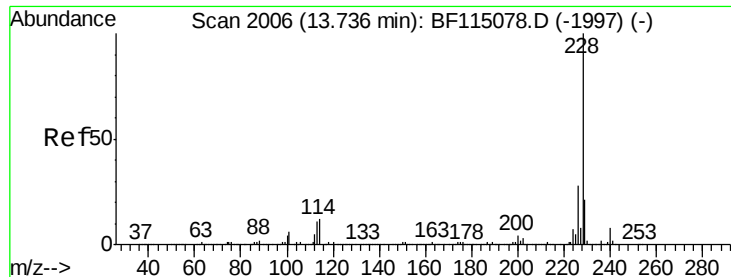
mohammad
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#80
 Butylbenzylphthalate
 Concen: 32.695 ng
 RT: 13.17 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF115203.D
 Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	56.5	84.7
206	19.8	15.3	22.9





#81

Benzo(a)anthracene

Concen: 34.453 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

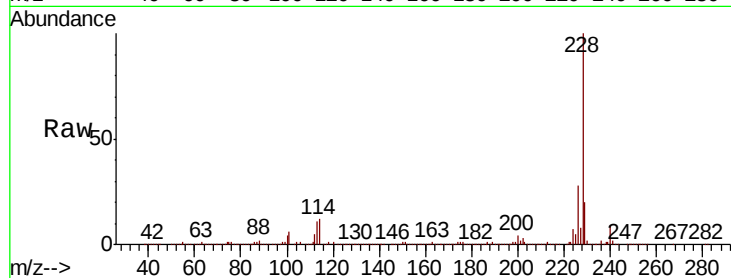
ClientSampleId :

BAT-B08MSD

Tot Ion:	228	Resp:	1393984
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	20.4	16.6	24.8

Manual Integrations
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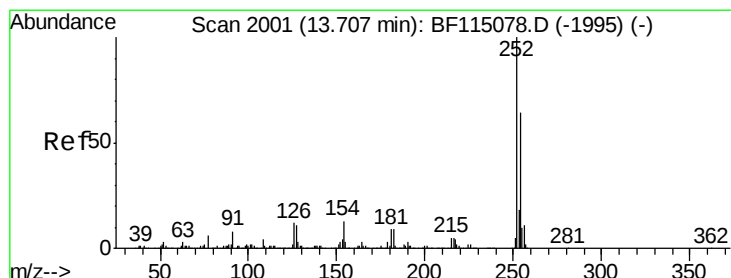
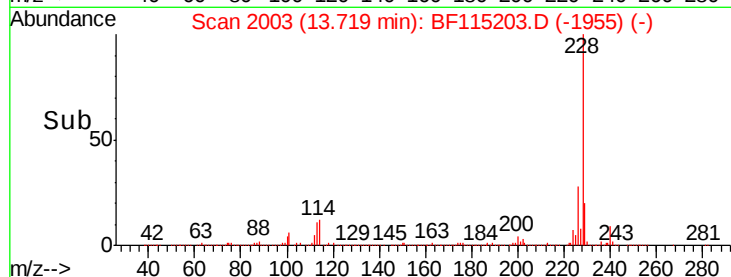
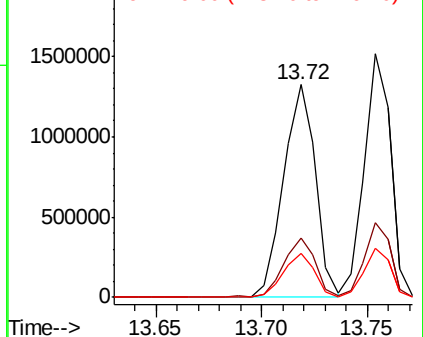


Abundance

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: 30.279 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

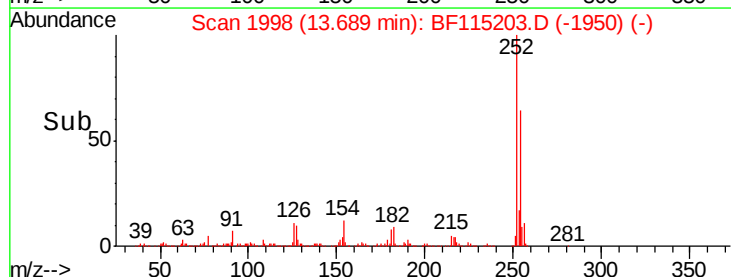
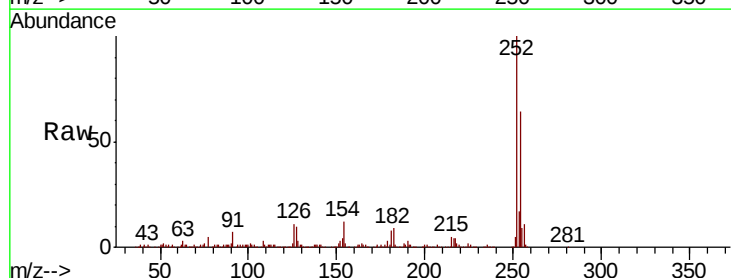
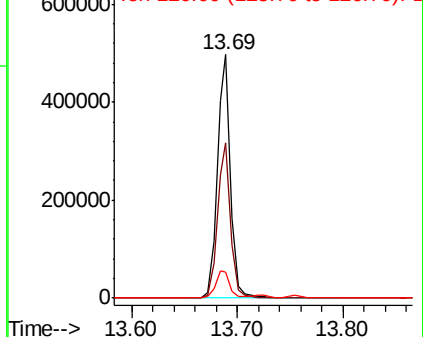
Tgt Ion:	252	Resp:	442406
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.1	76.7
126	10.6	9.4	14.0

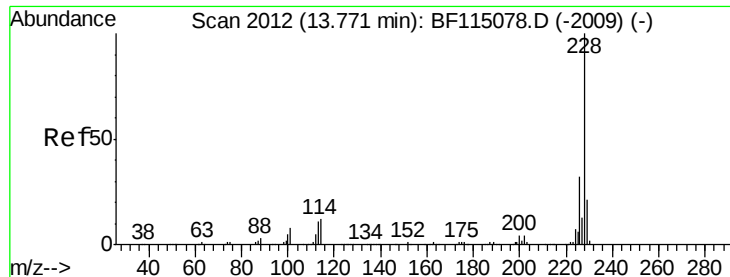
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





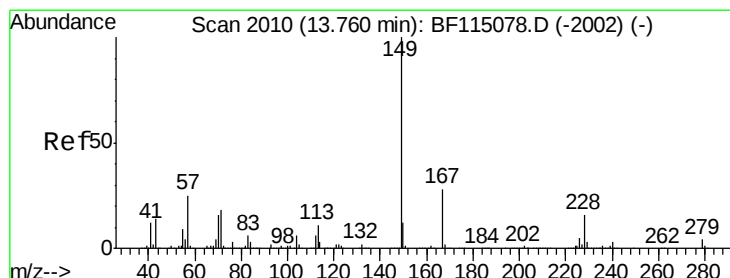
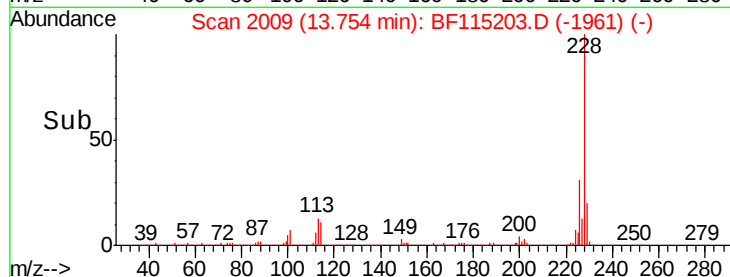
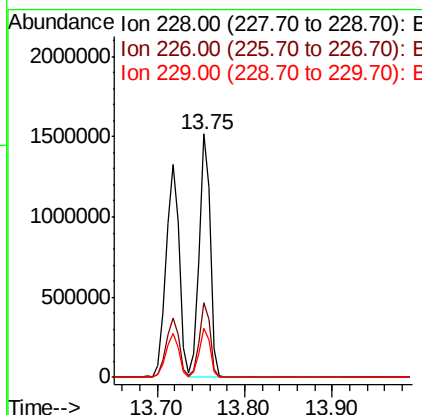
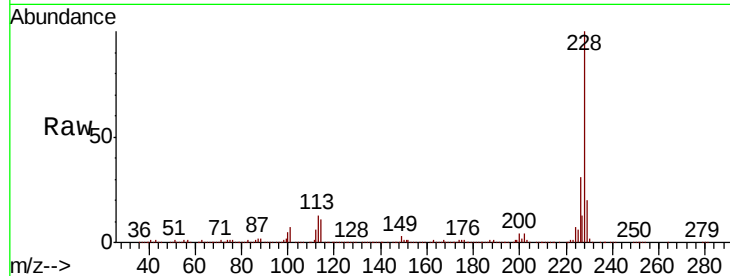
#83
Chrysene
Concen: 35.930 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion:228 Resp: 1331634
Ion Ratio Lower Upper
228 100
226 30.9 25.4 38.0
229 20.2 16.5 24.7

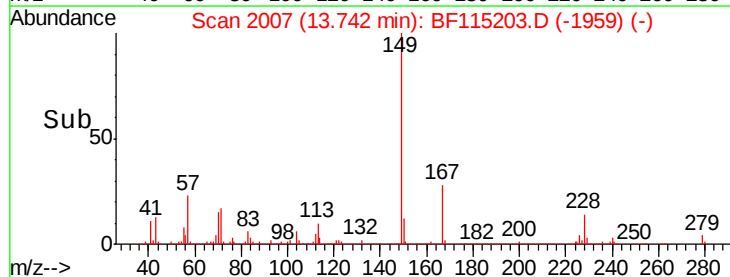
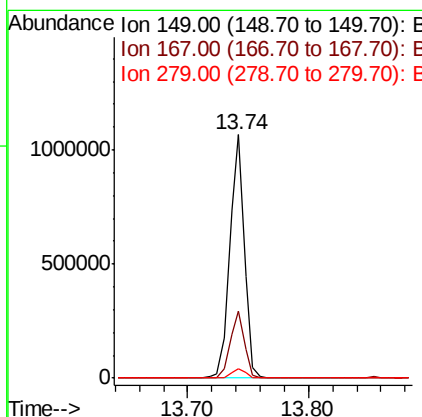
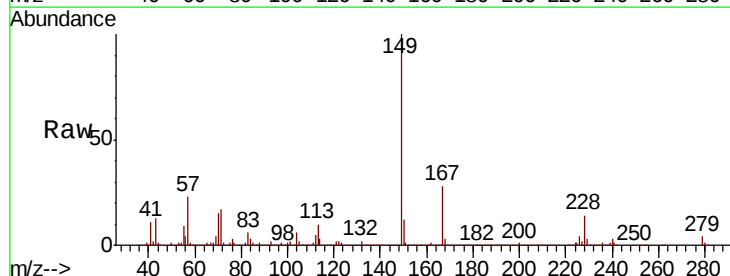
Manual Integrations
APPROVED

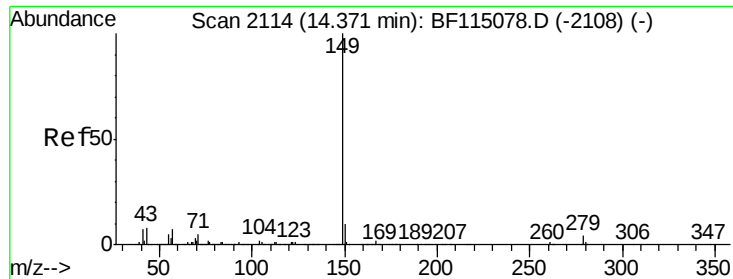
mohammad
6/26/2019 2:03:48 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.311 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion:149 Resp: 884823
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.0 2.9 4.3





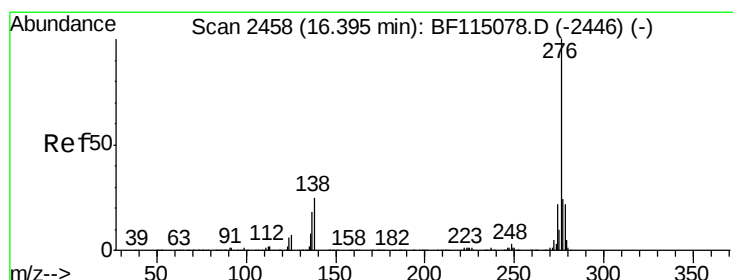
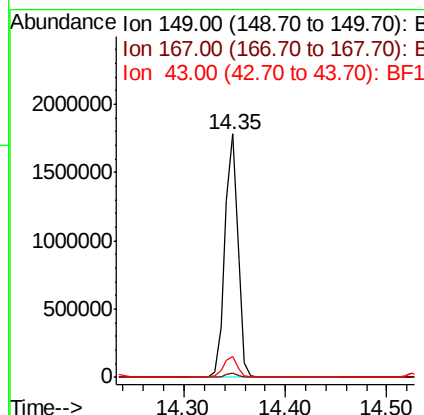
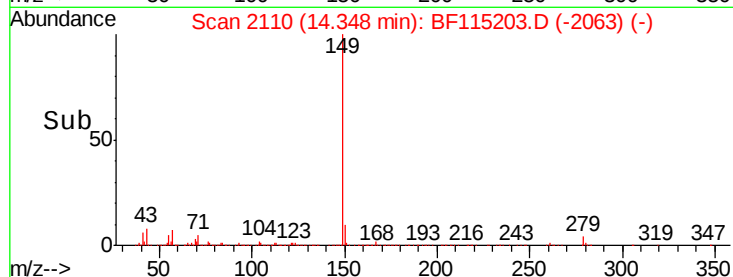
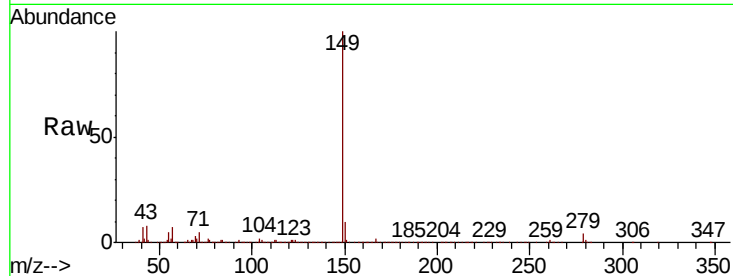
#85
Di-n-octyl phthalate
Concen: 37.613 ng
RT: 14.35 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	7.0	10.6

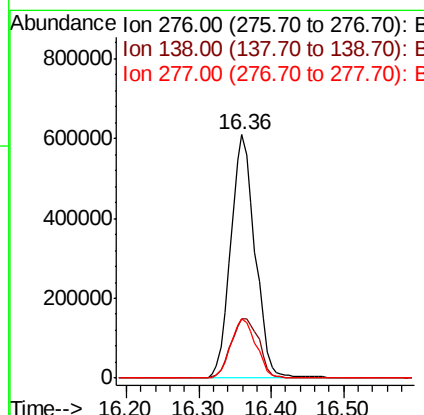
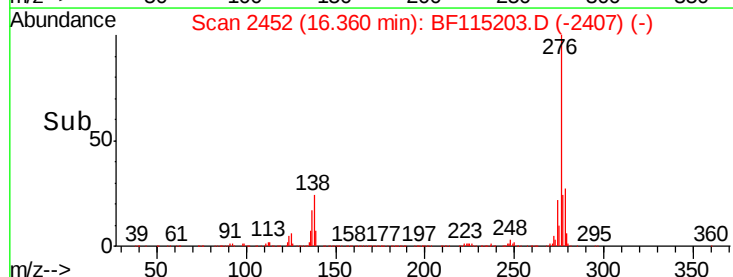
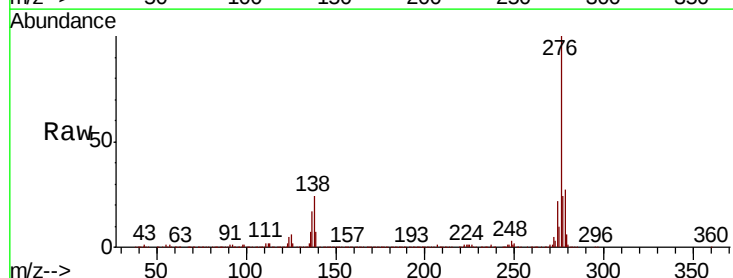
Manual Integrations
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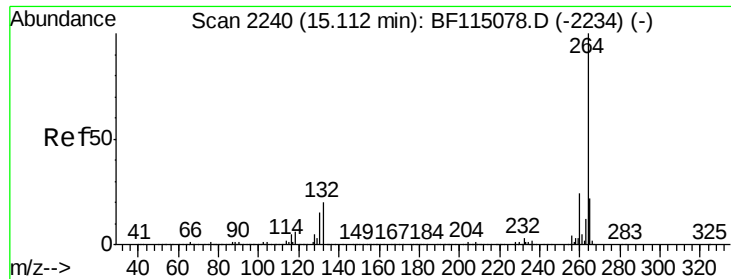
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.536 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.04 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	23.2	34.8
277	25.5	20.1	30.1





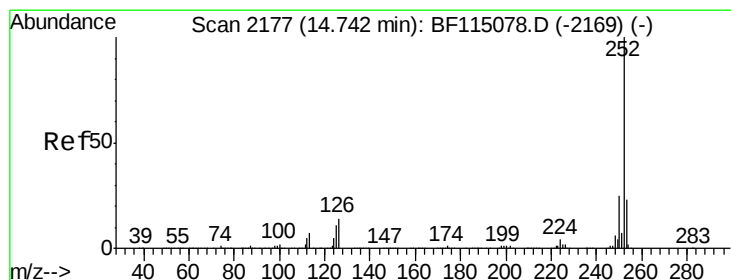
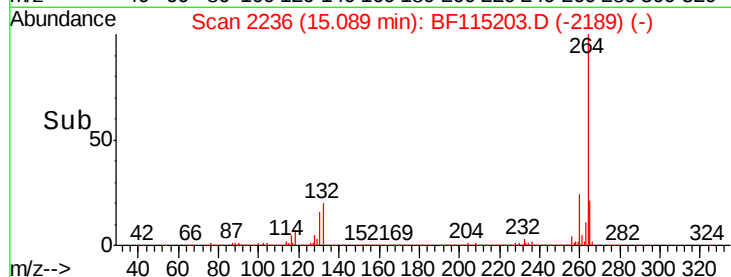
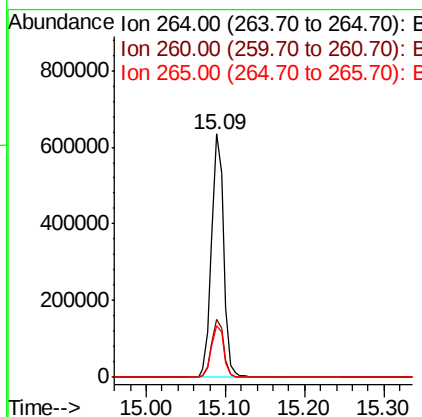
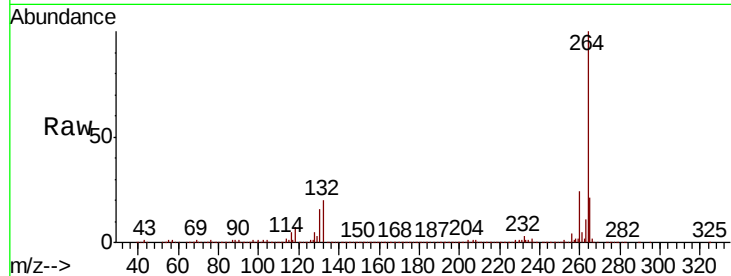
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	19.6	29.4	
265	21.3	17.3	25.9	

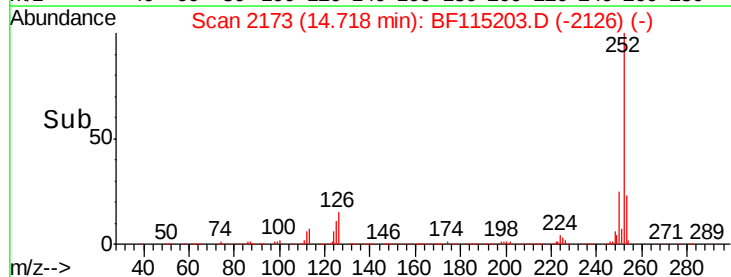
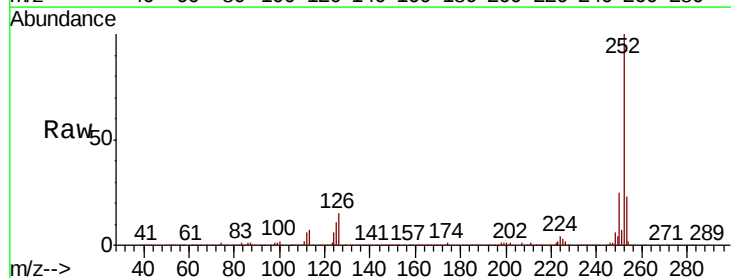
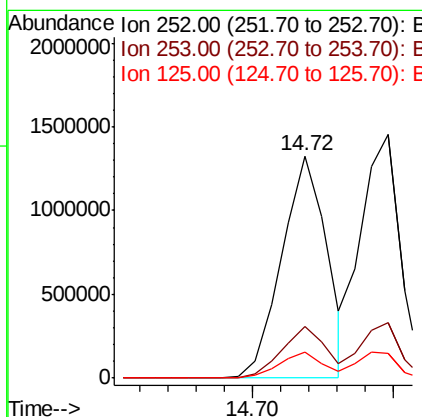
Manual Integrations
APPROVED

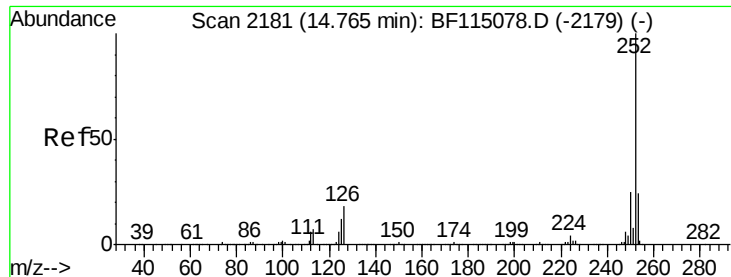
mohammad
6/26/2019 2:03:48 PM



#88
Benzo(b)fluoranthene
Concen: 34.866 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.2	18.1	27.1	
125	11.5	8.7	13.1	





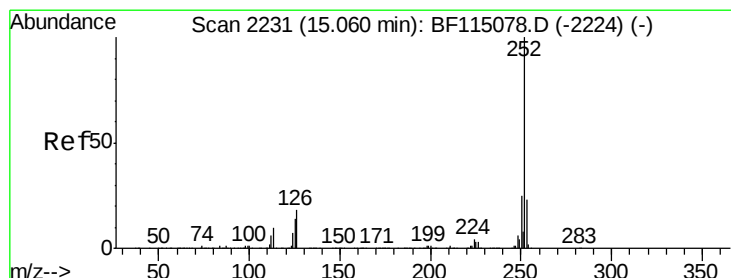
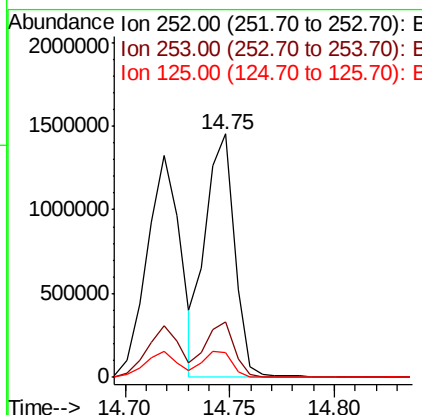
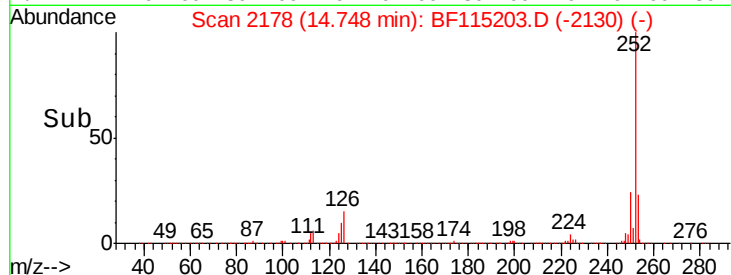
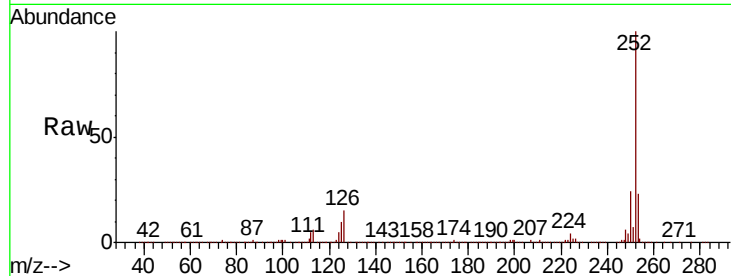
#89
Benzo(k)fluoranthene
Concen: 37.377 ng m
RT: 14.75 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	10.1	10.2	15.2

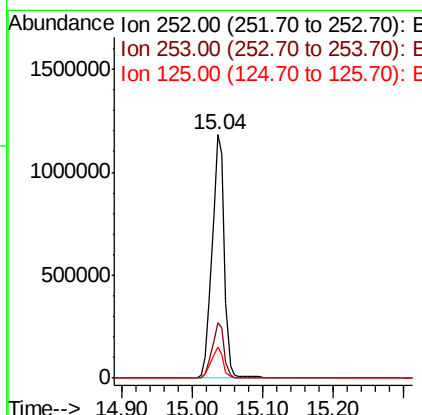
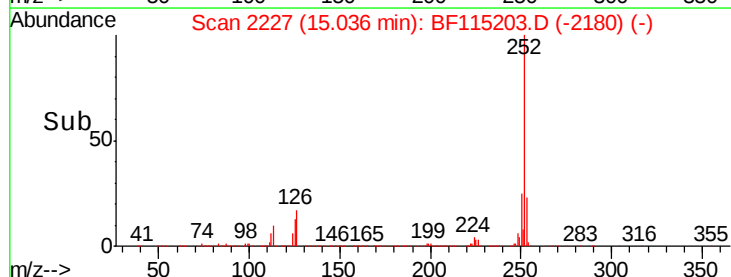
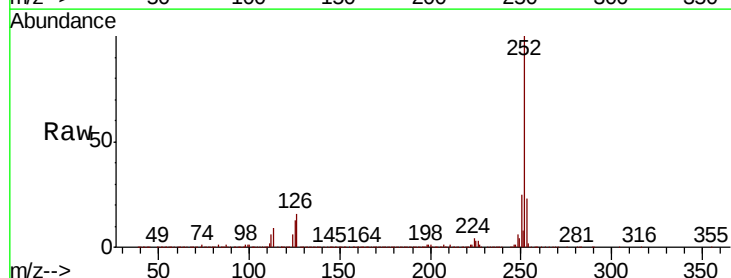
Manual Integrations
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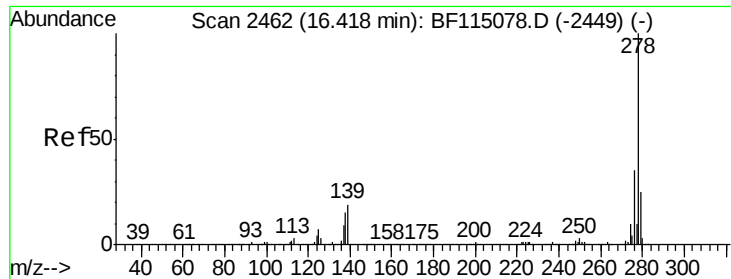
mohammad
6/26/2019 2:03:48 PM



#90
Benzo(a)pyrene
Concen: 37.573 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF115203.D
Acq: 25 Jun 2019 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	13.0	10.9	16.3





#91

Dibenzo(a,h)anthracene

Concen: 33.932 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.04 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Instrument :

BNA_F

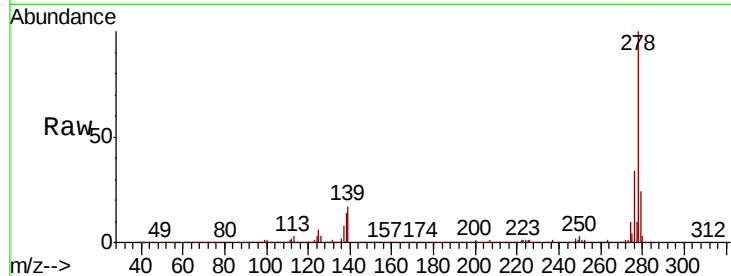
ClientSampleId :

BAT-B08MSD

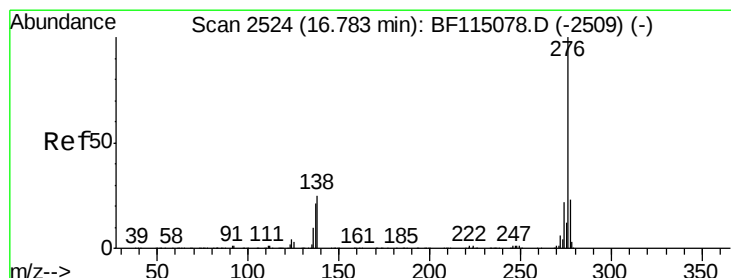
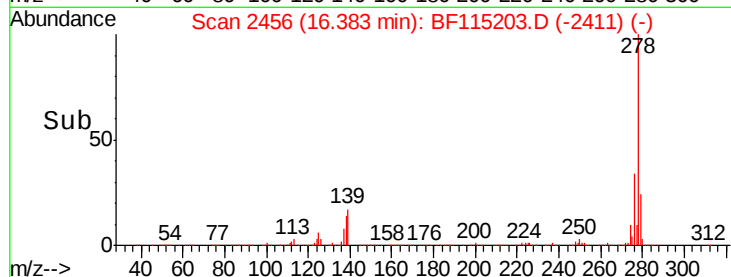
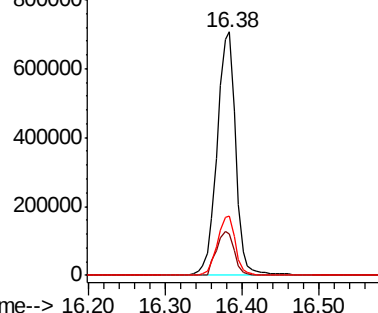
Tot Ion:	278	Resp:	1205101
Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.4	23.2
279	24.2	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:48 PM



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: 31.399 ng

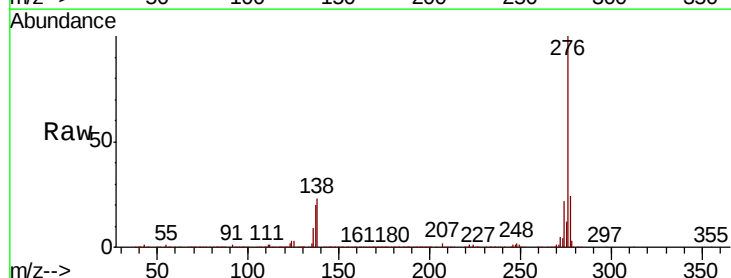
RT: 16.74 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF115203.D

Acq: 25 Jun 2019 22:25

Tgt Ion:	276	Resp:	1128634
Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	23.3	19.8	29.6



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

