

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115308.D
 Acq On : 29 Jun 2019 8:21
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/1/2019 5:58:41 PM

Quant Time: Jul 01 07:53:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	213866	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	861843	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	417085	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	811659	20.00	ng	0.00
76) Chrysene-d12	13.72	240	587208	20.00	ng	0.00
87) Perylene-d12	15.08	264	729715	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1047466	75.58	ng	0.00
7) Phenol-d6	6.24	99	1267716	75.36	ng	0.00
23) Nitrobenzene-d5	7.17	82	1094164	78.10	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	369200	83.94	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1980956	80.68	ng	0.00
79) Terphenyl-d14	12.68	244	2205159	79.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	245019	37.461	ng	100
3) Pyridine	2.81	79	679304	36.849	ng	98
4) n-Nitrosodimethylamine	2.75	42	256059	35.431	ng	99
6) Aniline	6.26	93	840092	36.338	ng	# 75
8) 2-Chlorophenol	6.38	128	595167	38.192	ng	99
9) Benzaldehyde	6.14	77	387197	35.282	ng	98
10) Phenol	6.25	94	719354	36.508	ng	85
11) bis(2-Chloroethyl)ether	6.34	93	542663	37.362	ng	100
12) 1,3-Dichlorobenzene	6.54	146	663252	38.350	ng	99
13) 1,4-Dichlorobenzene	6.62	146	666829	38.450	ng	99
14) 1,2-Dichlorobenzene	6.77	146	623423	38.817	ng	100
15) Benzyl Alcohol	6.75	79	398504	32.534	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	762401	36.191	ng	96
17) 2-Methylphenol	6.87	107	489689	38.070	ng	99
18) Hexachloroethane	7.11	117	233920	37.413	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	369777	34.336	ng	99
20) 3+4-Methylphenols	7.02	107	580686	39.096	ng	95
22) Acetophenone	7.01	105	757911	38.413	ng	96
24) Nitrobenzene	7.18	77	600679	38.917	ng	100
25) Isophorone	7.42	82	1048032	36.516	ng	99
26) 2-Nitrophenol	7.50	139	326327	42.812	ng	99
27) 2,4-Dimethylphenol	7.55	122	458787	36.762	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	678519	37.405	ng	100
29) 2,4-Dichlorophenol	7.74	162	503137	39.066	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	564427	39.675	ng	99
31) Naphthalene	7.91	128	1667962	39.426	ng	100
32) Benzoic acid	7.67	122	378838m	42.526	ng	
33) 4-Chloroaniline	7.95	127	752267	38.908	ng	99
34) Hexachlorobutadiene	8.03	225	306142	39.269	ng	98
35) Caprolactam	8.33	113	160701	37.112	ng	96
36) 4-Chloro-3-methylphenol	8.44	107	506893	38.863	ng	97
37) 2-Methylnaphthalene	8.60	142	1088837	38.172	ng	99
38) 1-Methylnaphthalene	8.70	142	1046897	38.428	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	483119	40.991	ng	100

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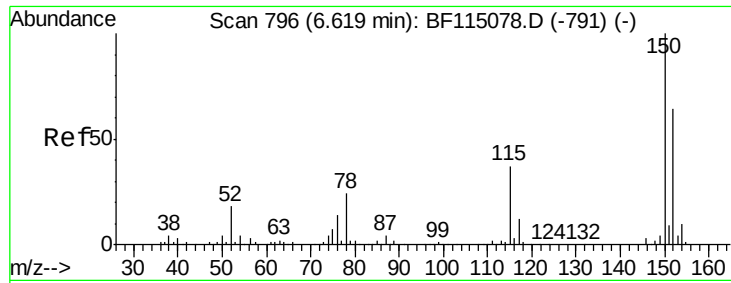
Manual Integrations
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 7/1/2019 5:58:41 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
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 QLast Update : Fri Jun 28 05:26:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	237821	34.029	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	356431	39.171	ng	100
44) 2,4,5-Trichlorophenol	8.91	196	383155	40.889	ng	98
46) 1,1'-Biphenyl	9.06	154	1269985	38.055	ng	98
47) 2-Chloronaphthalene	9.08	162	1077147	39.791	ng	98
48) 2-Nitroaniline	9.17	65	324338	41.096	ng	99
49) Acenaphthylene	9.49	152	1666673	39.516	ng	99
50) Dimethylphthalate	9.37	163	1197158	39.013	ng	99
51) 2,6-Dinitrotoluene	9.42	165	285332	40.276	ng	94
52) Acenaphthene	9.67	154	958059m	36.301	ng	
53) 3-Nitroaniline	9.58	138	343607	39.745	ng	100
54) 2,4-Dinitrophenol	9.69	184	140098	42.247	ng	98
55) Dibenzofuran	9.84	168	1446145	38.177	ng	97
56) 4-Nitrophenol	9.75	139	267626	38.613	ng	89
57) 2,4-Dinitrotoluene	9.82	165	376365	41.144	ng	98
58) Fluorene	10.17	166	1028546	40.060	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	314863	40.072	ng	99
60) Diethylphthalate	10.06	149	1151000	37.315	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	502750	41.405	ng	99
62) 4-Nitroaniline	10.19	138	352018	40.588	ng	97
63) Azobenzene	10.33	77	1074906	37.309	ng	99
65) 4,6-Dinitro-2-methylphenol	10.22	198	180441	42.424	ng	88
66) n-Nitrosodiphenylamine	10.29	169	979678	38.742	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	348031	39.549	ng	97
68) Hexachlorobenzene	10.72	284	386070	40.418	ng	95
69) Atrazine	10.82	200	313788	38.576	ng	99
70) Pentachlorophenol	10.91	266	240289	39.487	ng	97
71) Phenanthrene	11.12	178	1652125	37.805	ng	100
72) Anthracene	11.18	178	1672802	37.921	ng	100
73) Carbazole	11.33	167	1575006	39.984	ng	99
74) Di-n-butylphthalate	11.68	149	1733916	38.092	ng	100
75) Fluoranthene	12.31	202	1730803	39.695	ng	96
77) Benzidine	12.43	184	983097	37.704	ng	99
78) Pyrene	12.53	202	1744921	38.667	ng	99
80) Butylbenzylphthalate	13.16	149	776282	38.980	ng	99
81) Benzo(a)anthracene	13.71	228	1674886	39.751	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	623728	40.993	ng	98
83) Chrysene	13.75	228	1586201	41.098	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1002278	38.409	ng	99
85) Di-n-octyl phthalate	14.34	149	1757327	40.081	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	1916461	41.963	ng	98
88) Benzo(b)fluoranthene	14.71	252	1655676	36.363	ng	98
89) Benzo(k)fluoranthene	14.74	252	1583901	38.790	ng	99
90) Benzo(a)pyrene	15.04	252	1581884	38.546	ng	97
91) Dibenzo(a,h)anthracene	16.38	278	1545311	40.335	ng	98
92) Benzo(g,h,i)perylene	16.74	276	1597856	41.207	ng	99

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



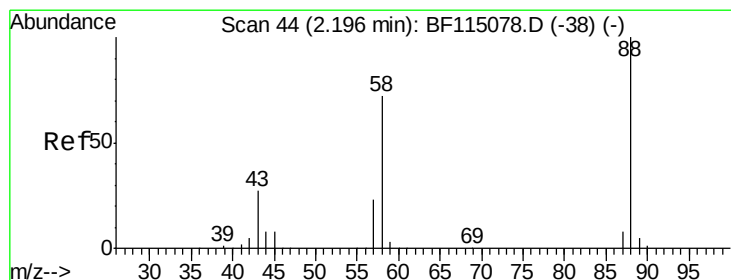
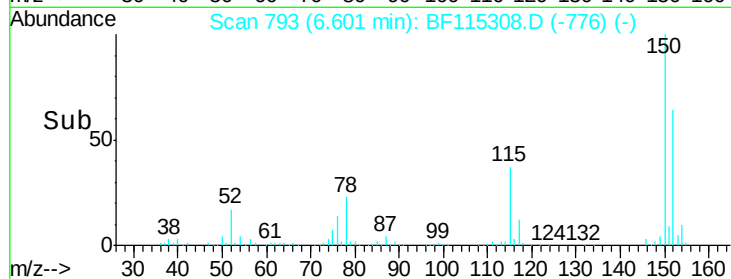
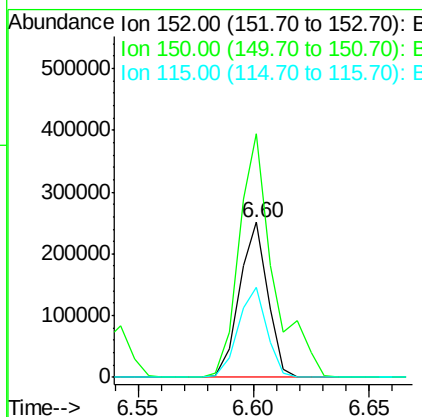
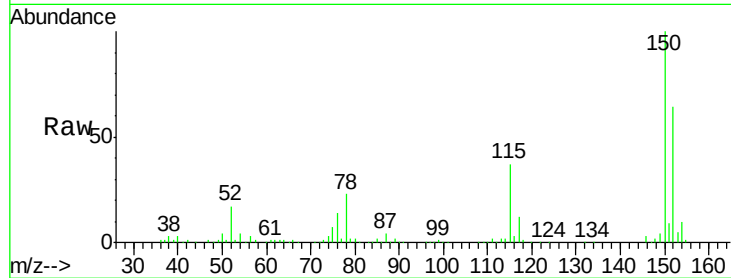
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	57.9	46.1	69.1

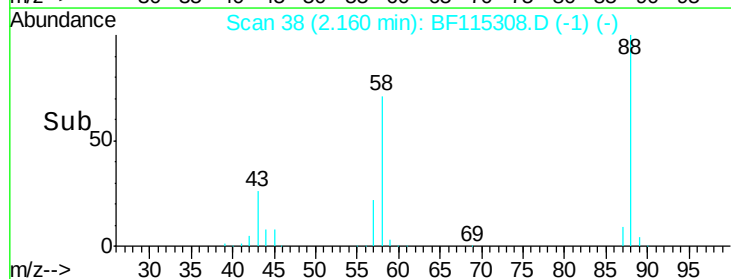
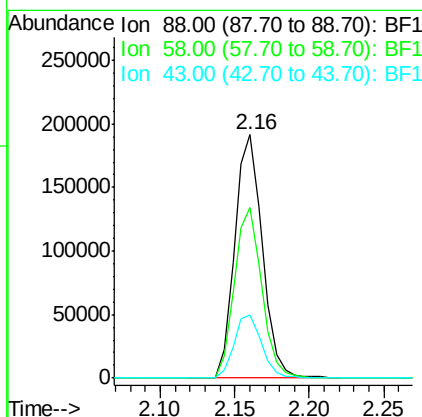
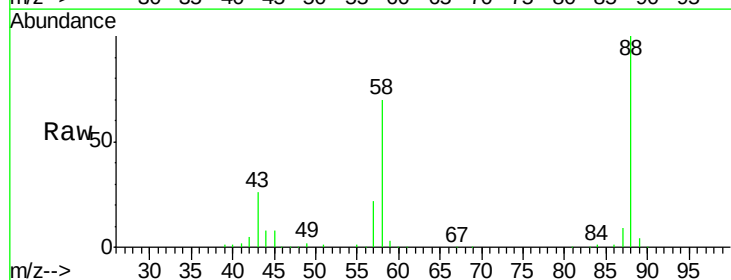
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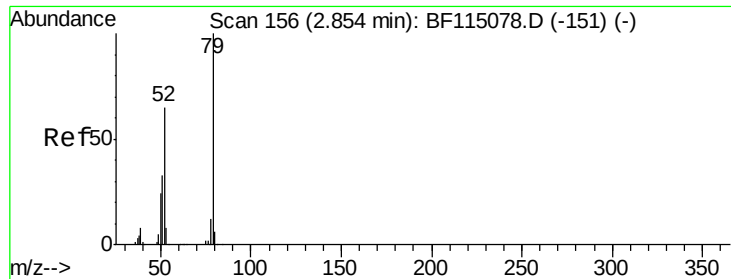
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#2
 1,4-Dioxane
 Concen: 37.461 ng
 RT: 2.16 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	56.1	84.1
43	27.1	21.3	31.9





#3

Pyridine

Concen: 36.849 ng

RT: 2.81 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

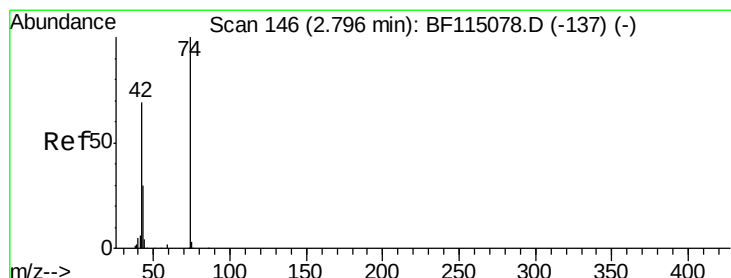
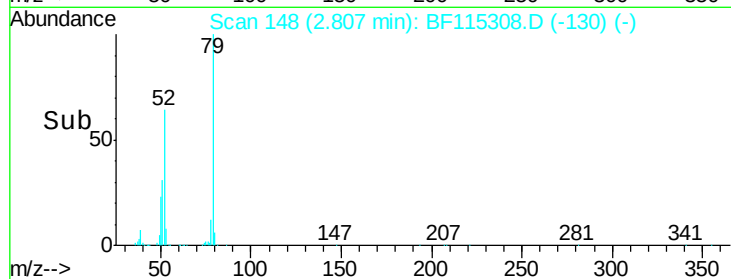
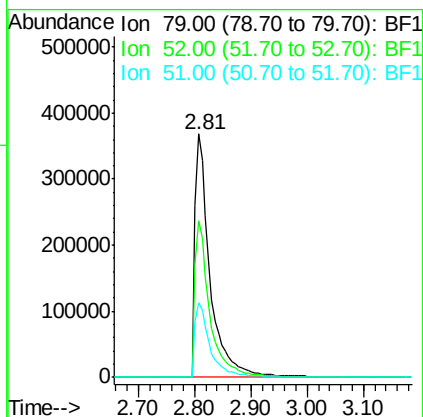
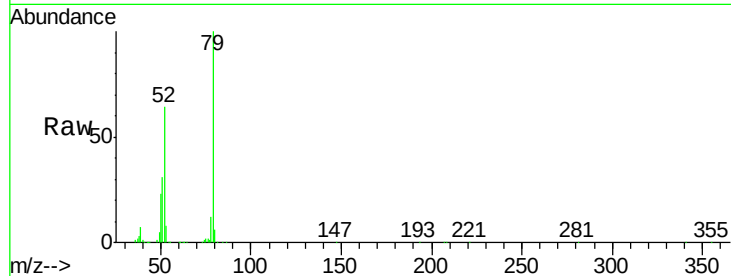
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	679304
Ion Ratio	Lower	Upper	
79	100		
52	64.1	52.3	78.5
51	30.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 35.431 ng

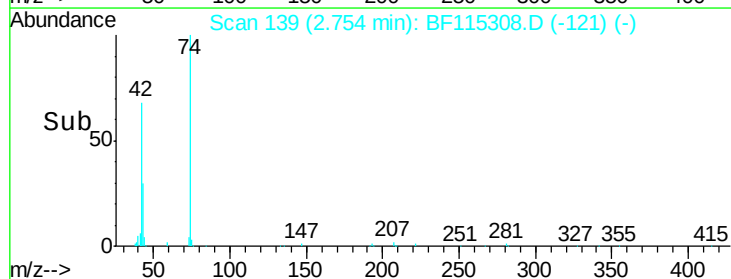
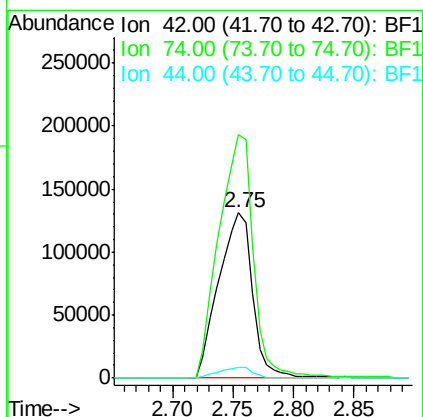
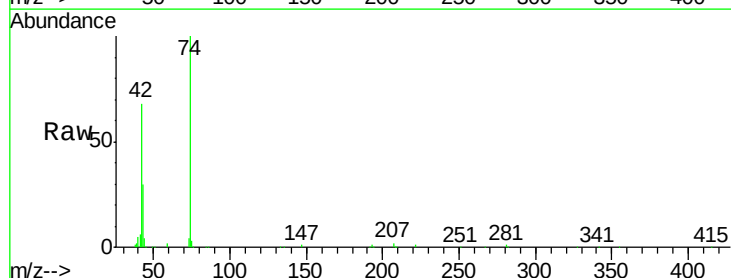
RT: 2.75 min Scan# 139

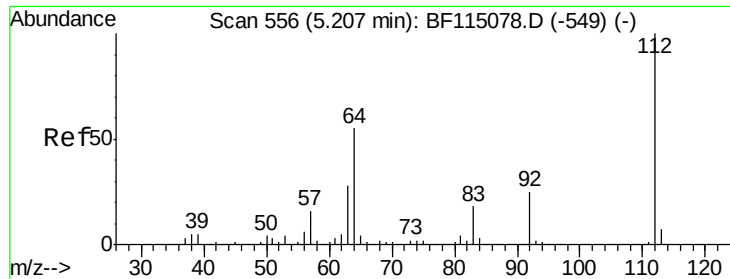
Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Tgt Ion:	42	Resp:	256059
Ion Ratio	Lower	Upper	
42	100		
74	147.2	116.6	175.0
44	6.4	5.3	7.9





#5

2-Fluorophenol

Concen: 75.581 ng

RT: 5.19 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1047466

Ion Ratio Lower Upper

112 100

64 54.2 43.8 65.6

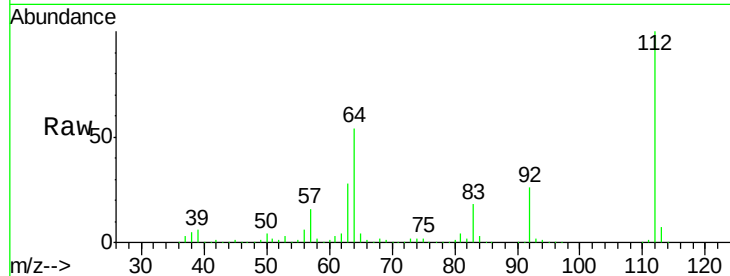
63 28.2 22.2 33.4

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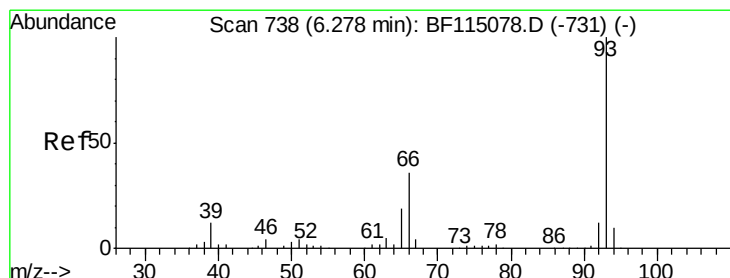
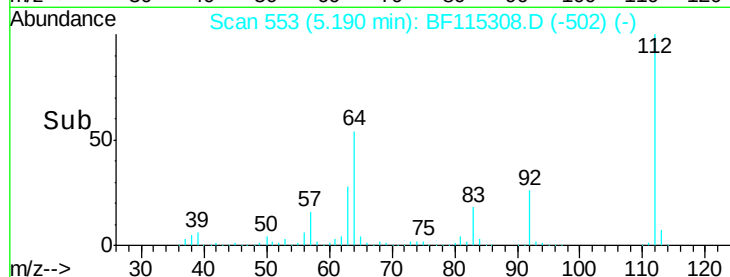
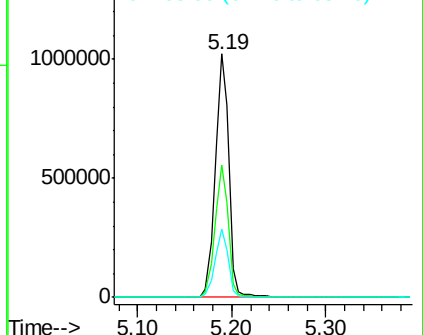
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.338 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

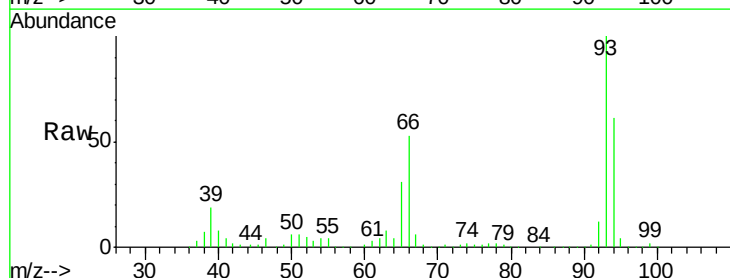
Tgt Ion: 93 Resp: 840092

Ion Ratio Lower Upper

93 100

66 52.5 30.0 45.0#

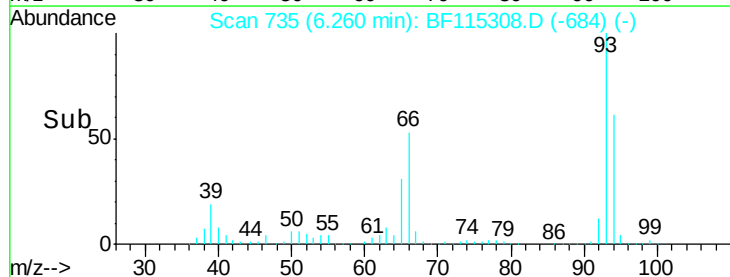
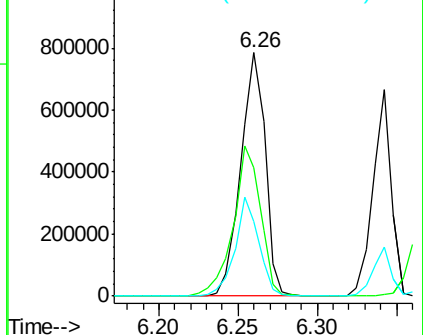
65 30.8 15.6 23.4#

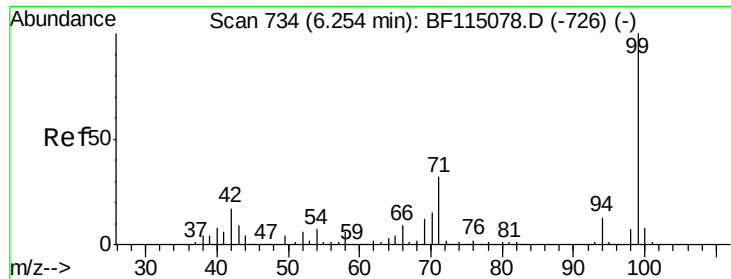


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.364 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1267716

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

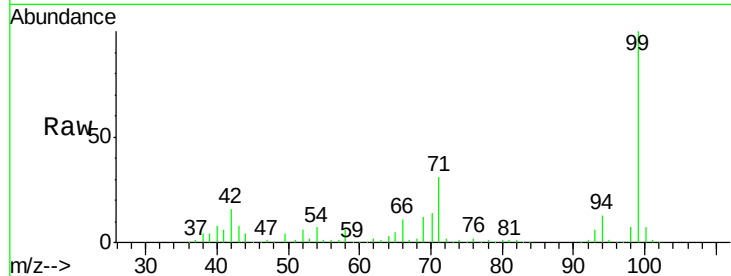
71 31.2 25.5 38.3

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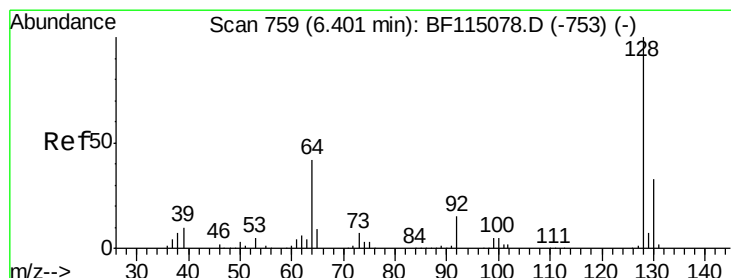
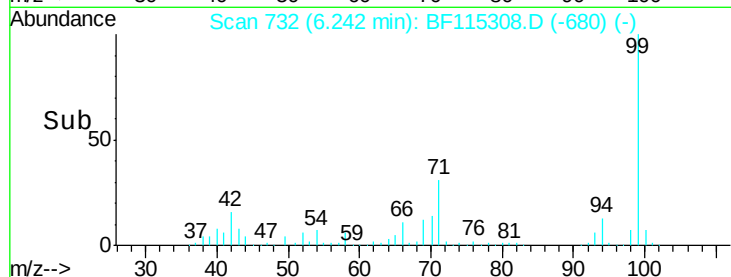
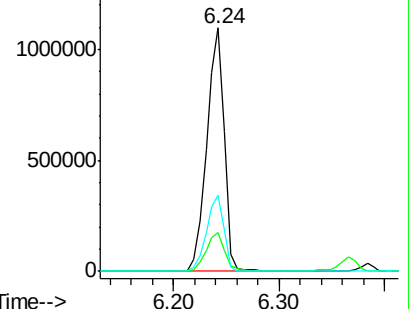
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.192 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

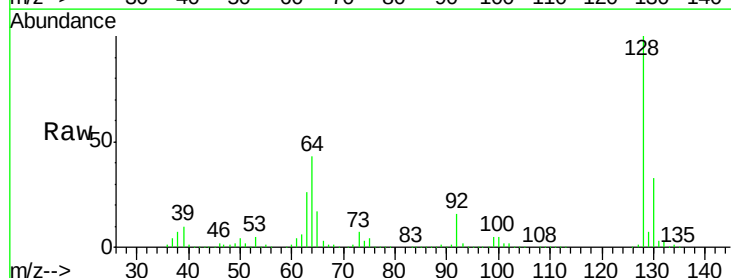
Tgt Ion: 128 Resp: 595167

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

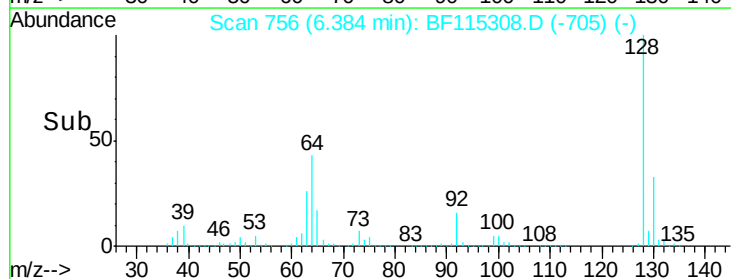
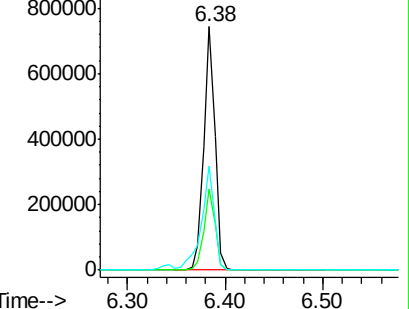
64 42.5 22.9 62.9

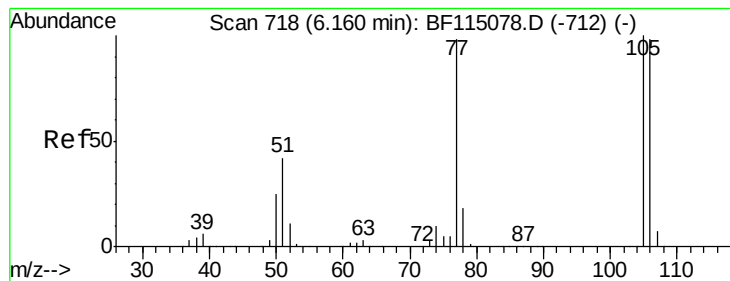


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.282 ng

RT: 6.14 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

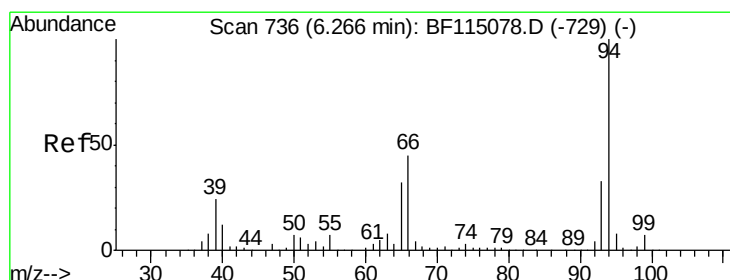
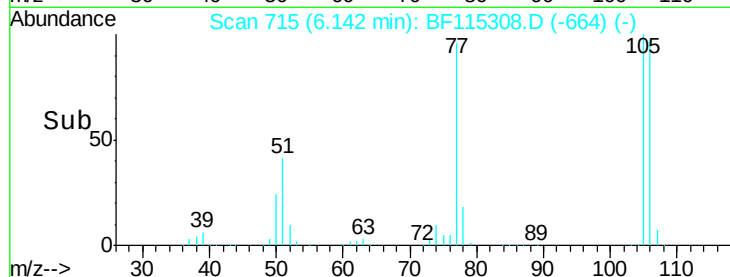
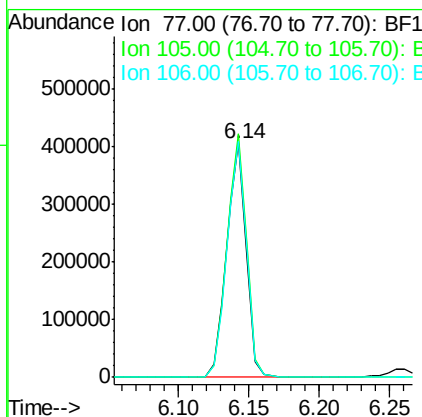
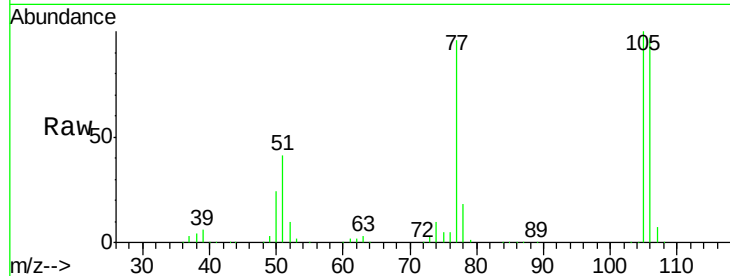
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	387197
Ion	Ratio	Lower	Upper
77	100		
105	103.9	81.5	121.5
106	100.6	79.7	119.7

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#10

Phenol

Concen: 36.508 ng

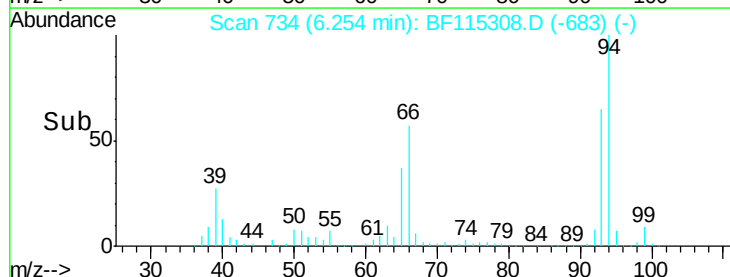
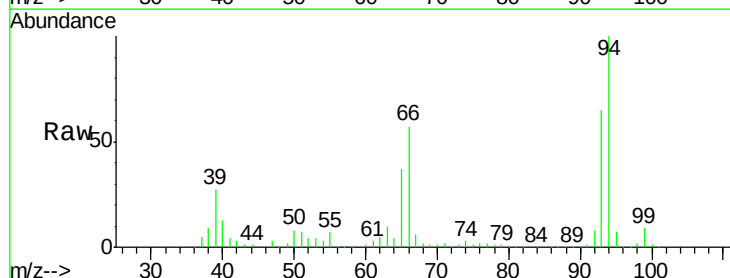
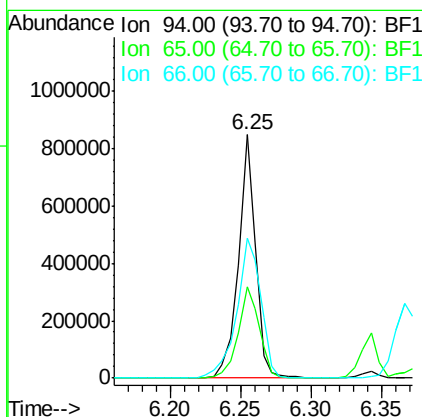
RT: 6.25 min Scan# 734

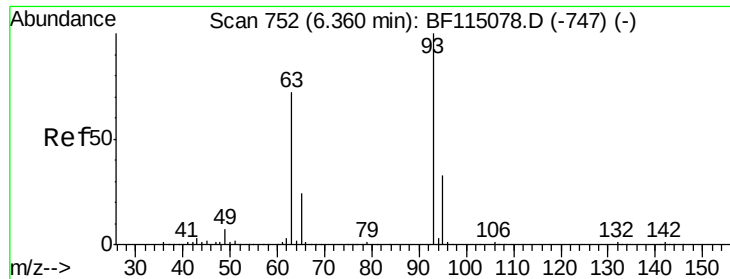
Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Tgt Ion:	94	Resp:	719354
Ion	Ratio	Lower	Upper
94	100		
65	37.3	11.9	51.9
66	57.3	25.2	65.2





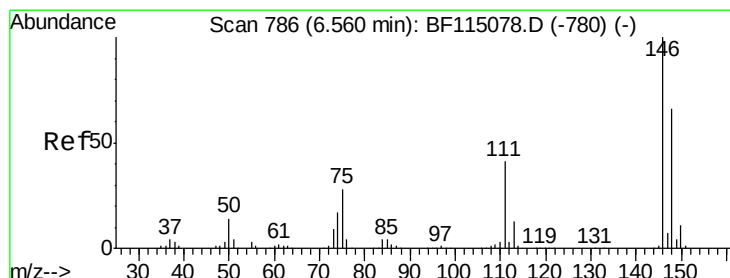
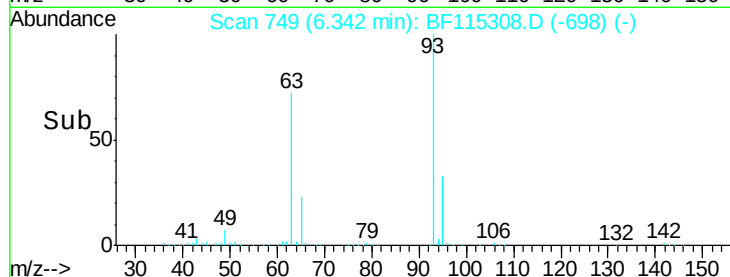
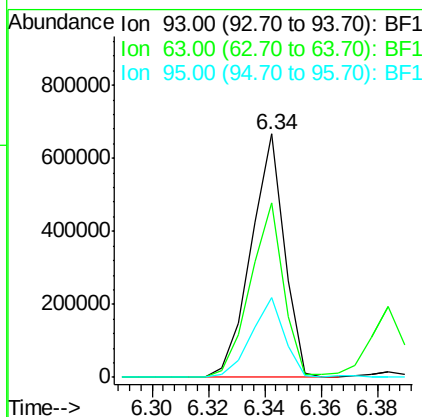
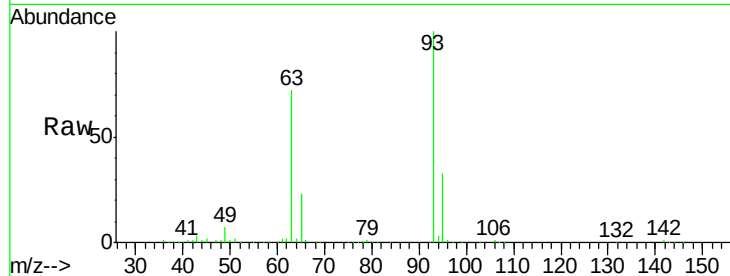
#11
bis(2-Chloroethyl)ether
Concen: 37.362 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	71.6	51.5	91.5
95	32.7	13.4	53.4

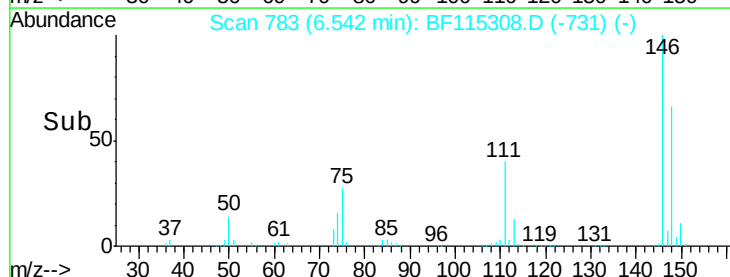
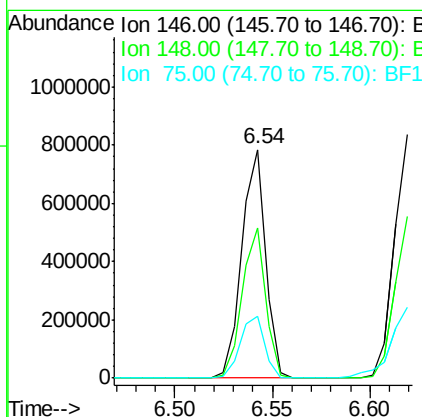
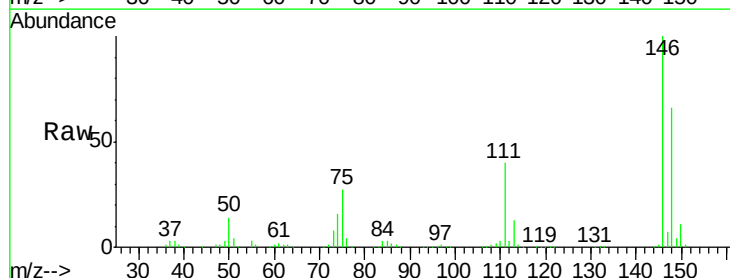
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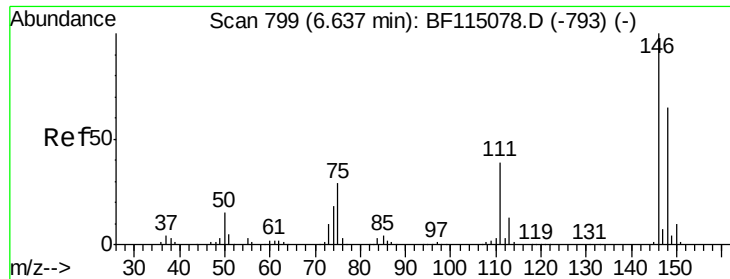
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#12
1,3-Dichlorobenzene
Concen: 38.350 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.5	52.6	78.8
75	27.2	22.6	34.0





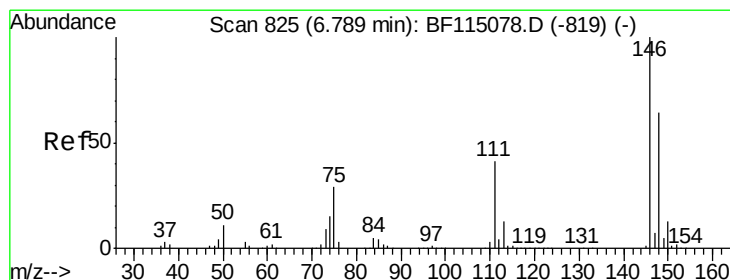
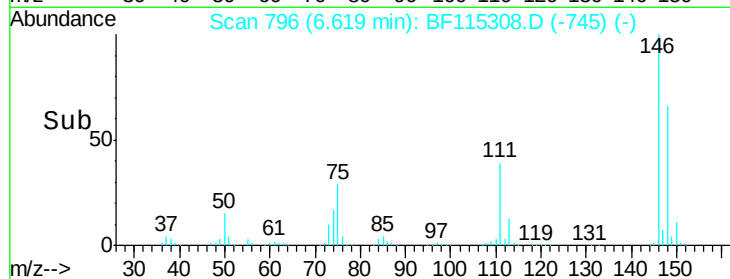
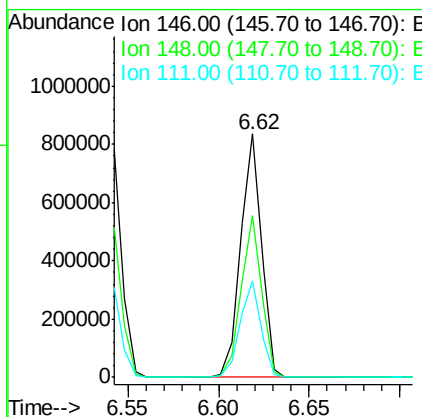
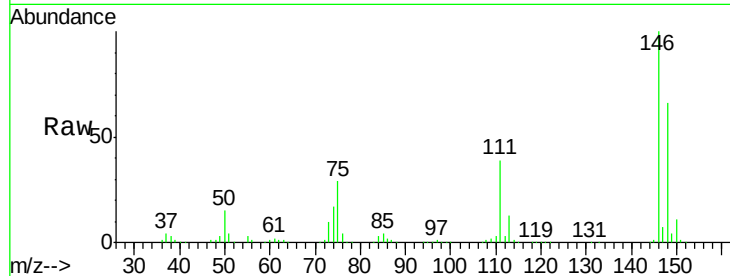
#13
 1,4-Dichlorobenzene
 Concen: 38.450 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	39.4	31.4	47.0

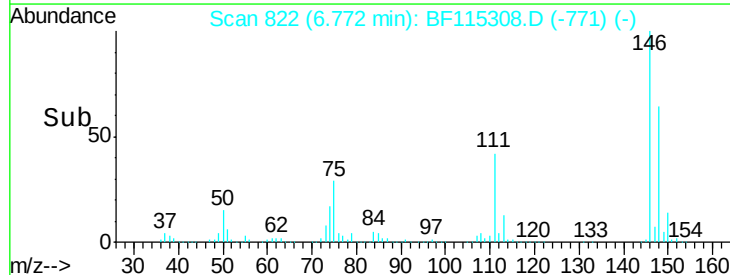
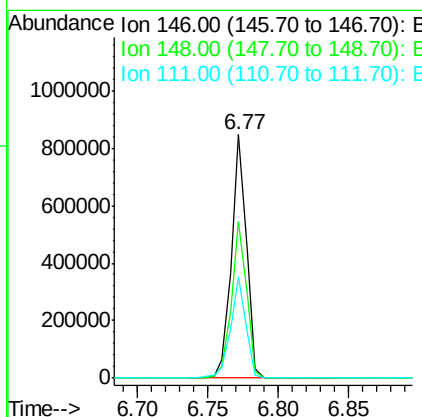
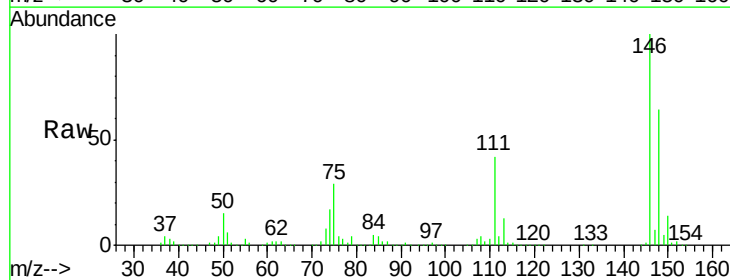
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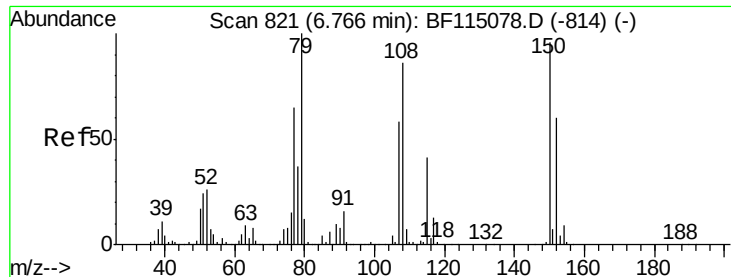
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#14
 1,2-Dichlorobenzene
 Concen: 38.817 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	41.7	33.2	49.8





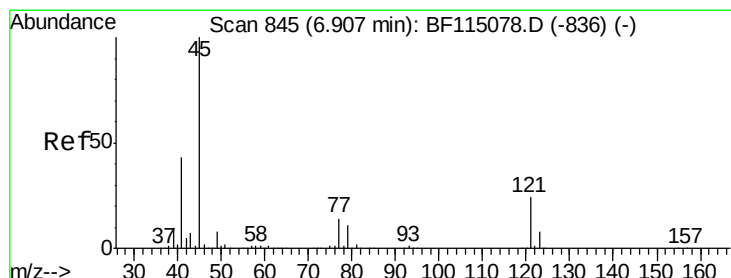
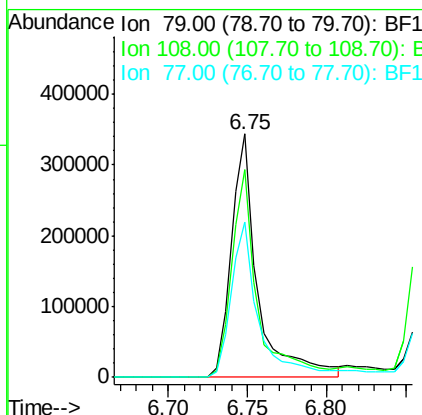
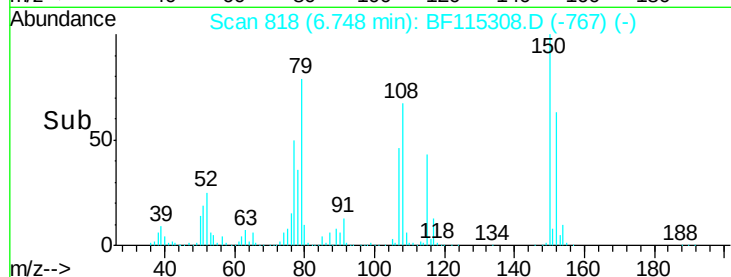
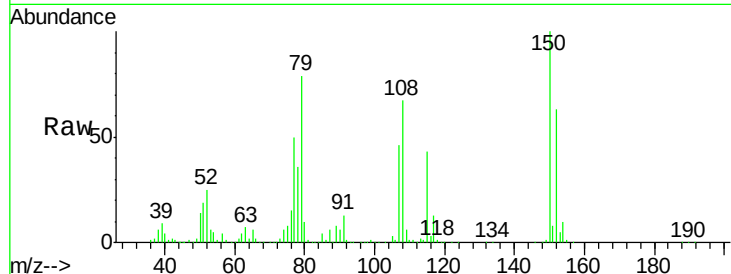
#15
Benzyl Alcohol
Concen: 32.534 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 398504
Ion Ratio Lower Upper
79 100
108 85.3 68.7 103.1
77 63.8 51.7 77.5

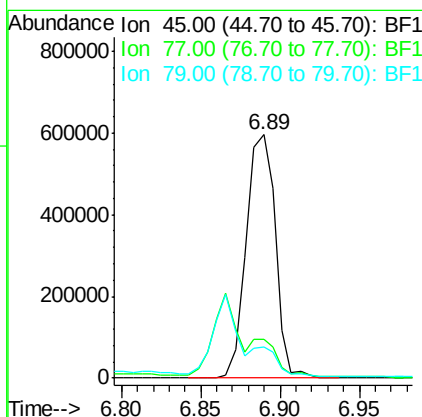
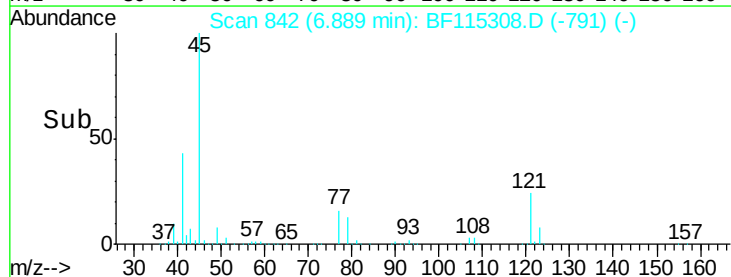
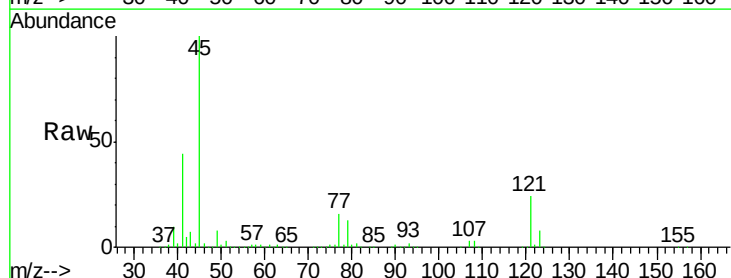
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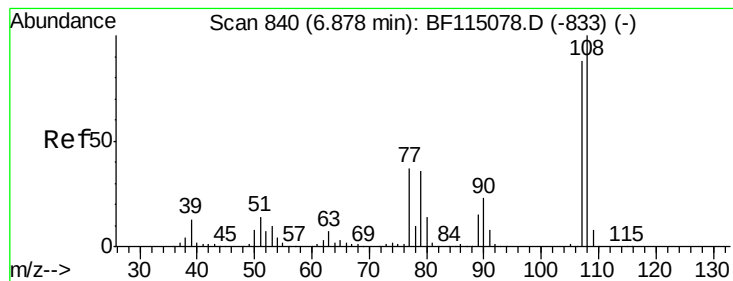
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.191 ng
RT: 6.89 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion: 45 Resp: 762401
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.6
79 12.9 0.0 31.2





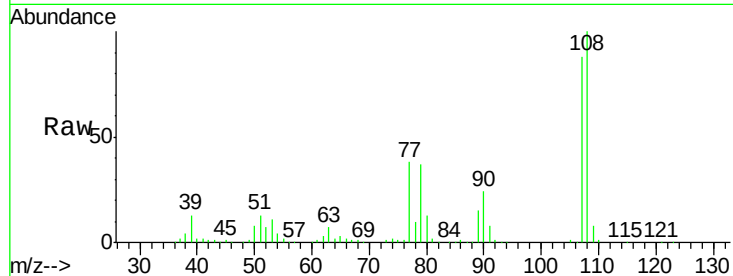
#17
2-Methylphenol
Concen: 38.070 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

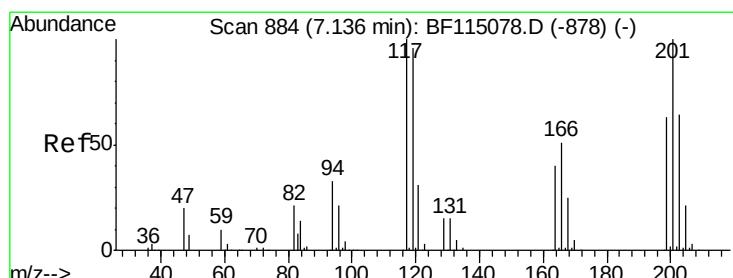
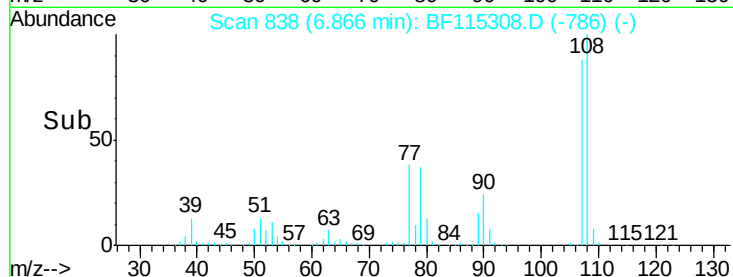
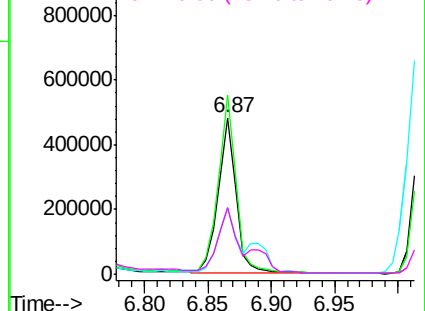
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	489689		
108	114.1	90.9	136.3	
77	42.9	33.4	50.2	
79	42.2	32.3	48.5	

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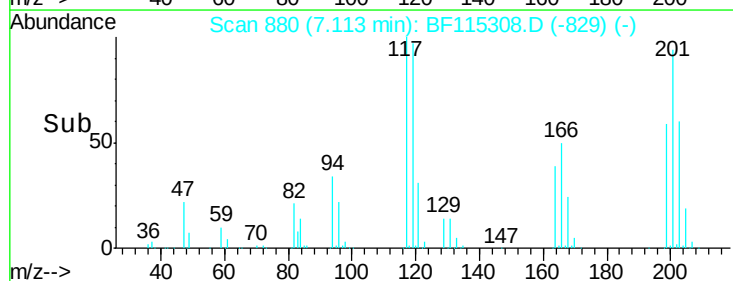
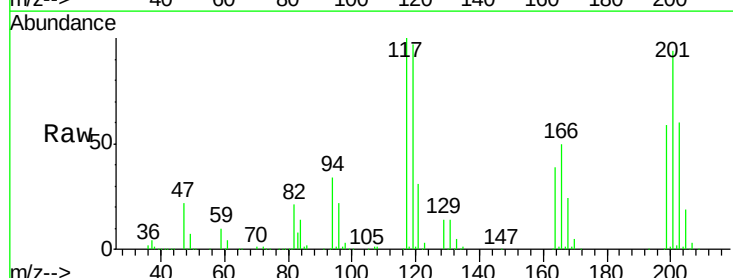
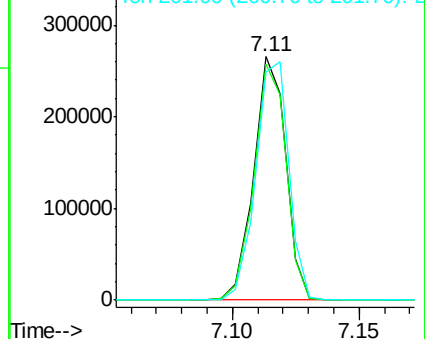
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

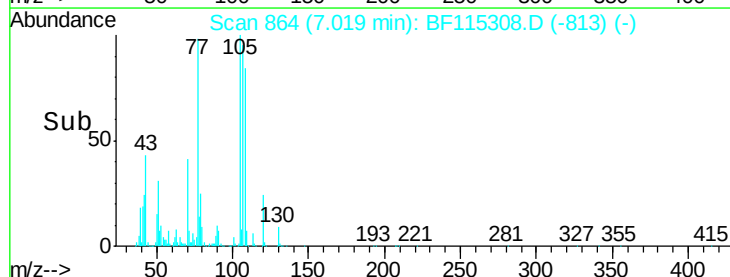
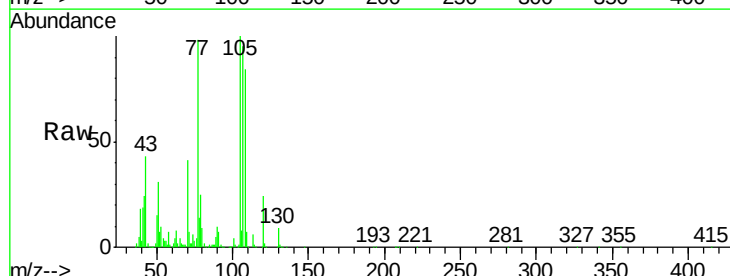
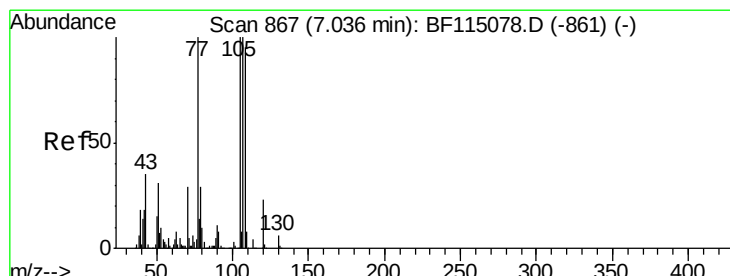
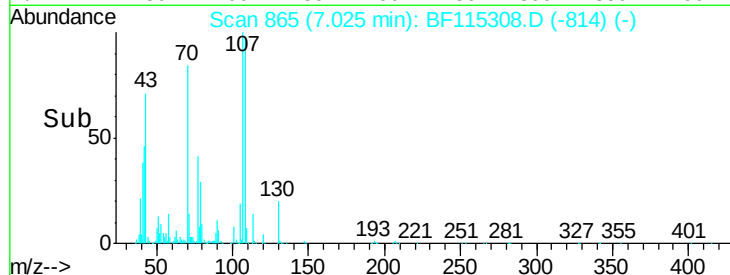
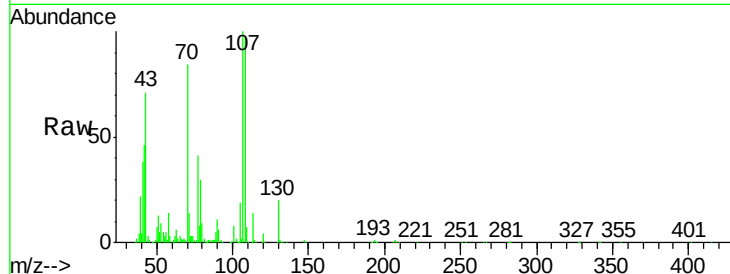
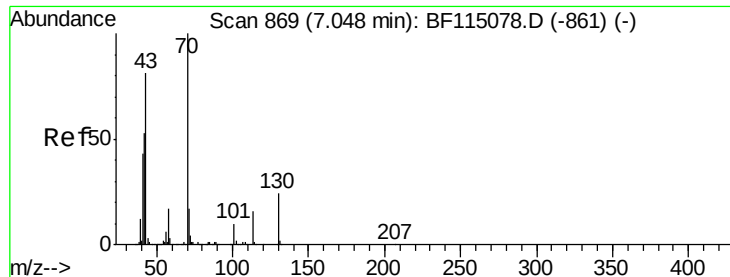


#18
Hexachloroethane
Concen: 37.413 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	233920		
119	96.9	76.6	114.8	
201	93.6	80.2	120.2	

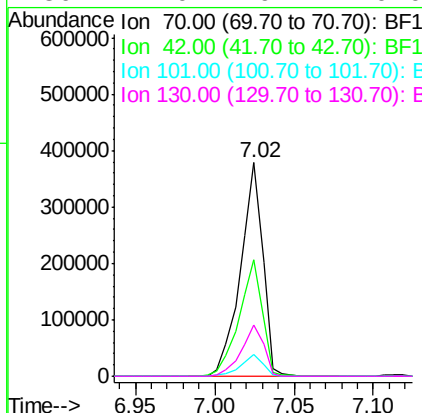
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 34.336 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.7	42.6	63.8
101	9.9	8.0	12.0
130	24.0	19.4	29.0



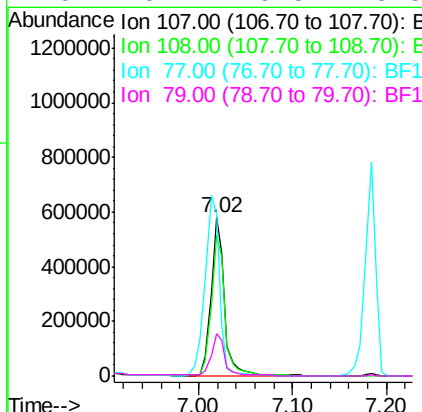
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

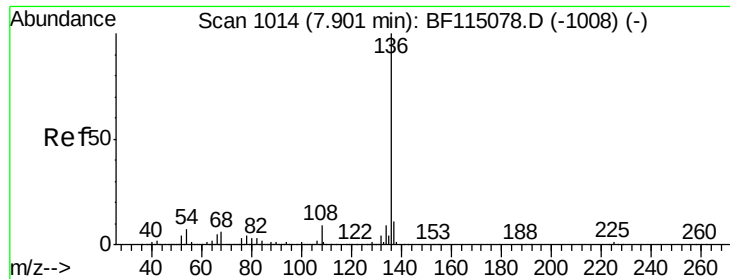
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#20
3+4-Methylphenols
Concen: 39.096 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	75.5	115.5
77	102.5	80.2	120.2
79	26.7	9.5	49.5





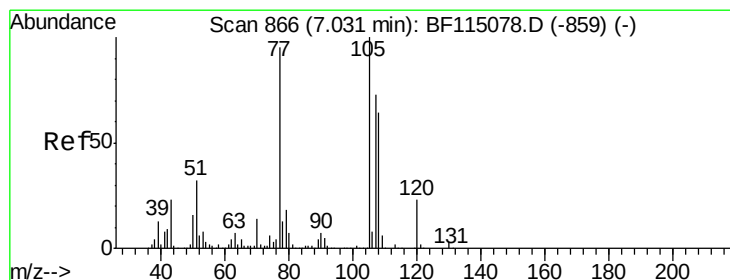
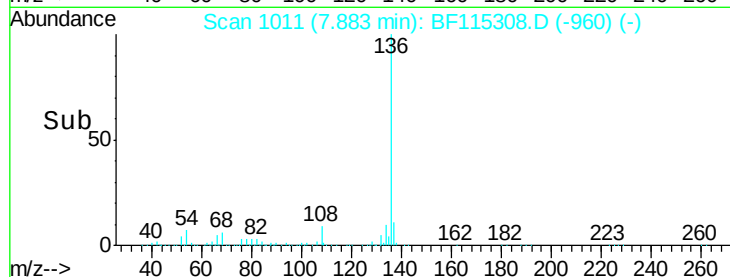
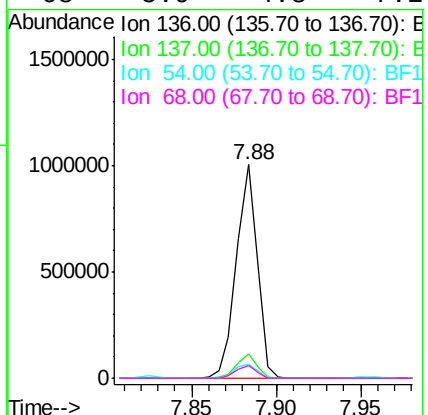
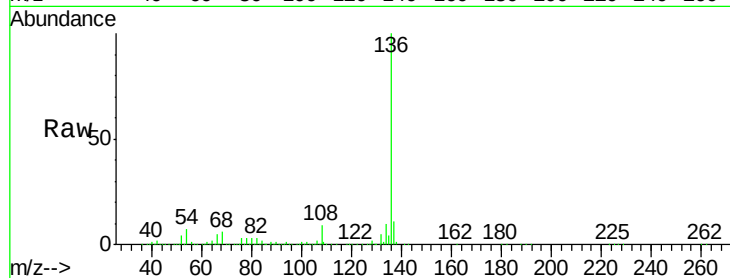
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	861843		
137	11.1	8.9	13.3	
54	6.8	5.6	8.4	
68	5.9	4.8	7.2	

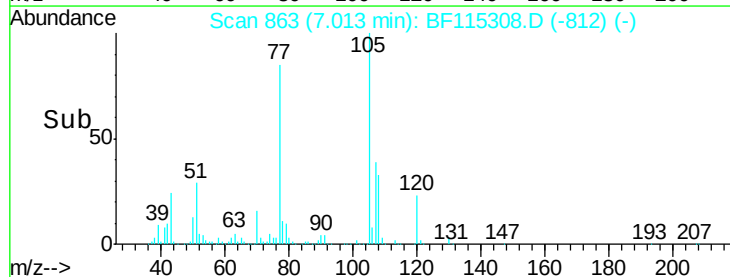
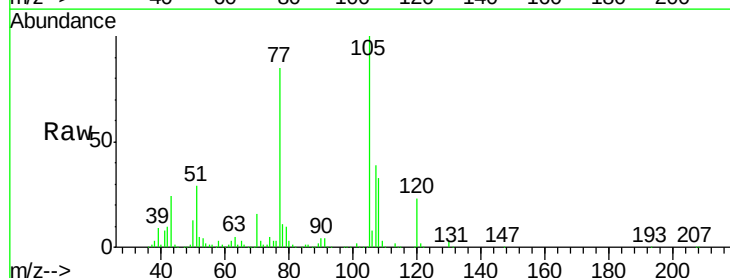
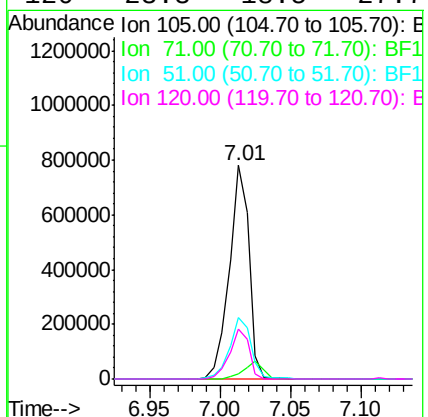
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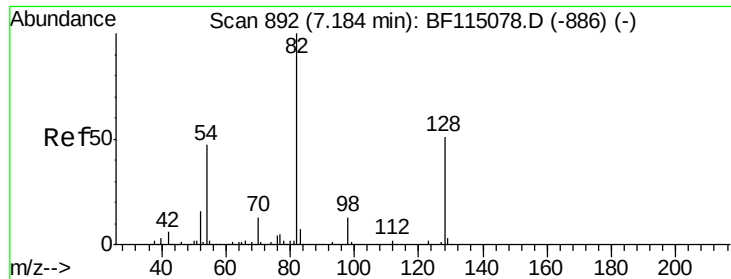
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#22
Acetophenone
Concen: 38.413 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	757911		
71	2.7	1.9	2.9	
51	28.6	25.8	38.8	
120	23.3	18.5	27.7	





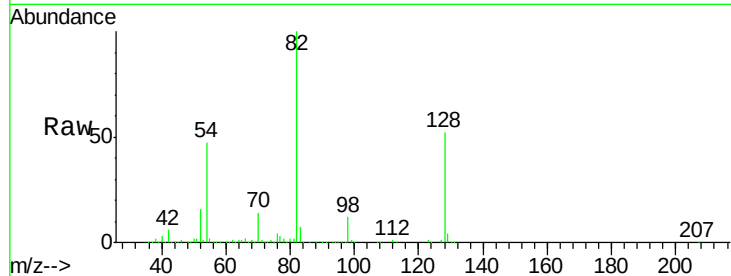
#23
 Nitrobenzene-d5
 Concen: 78.098 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

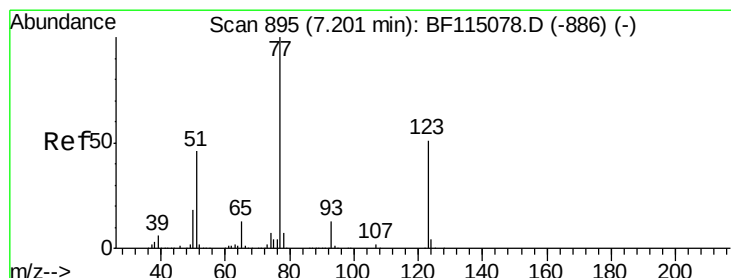
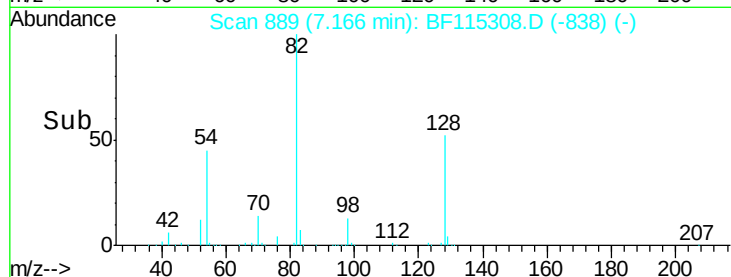
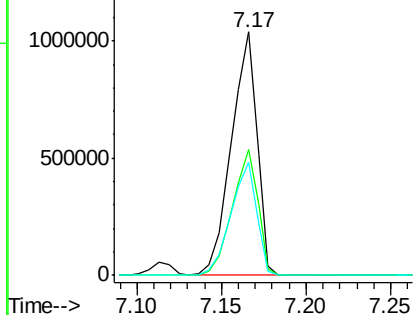
Tgt Ion: 82 Resp: 1094164
 Ion Ratio Lower Upper
 82 100
 128 51.6 40.4 60.6
 54 46.5 37.5 56.3

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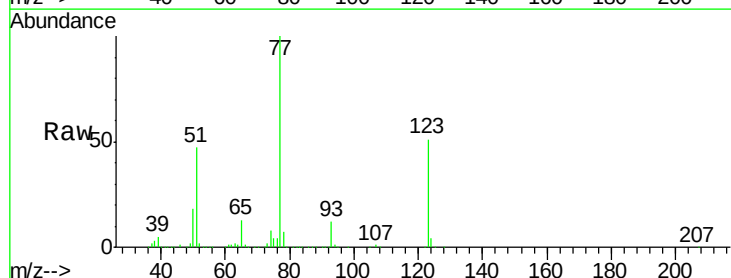


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

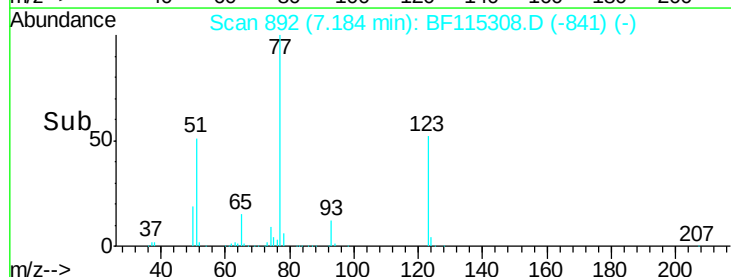
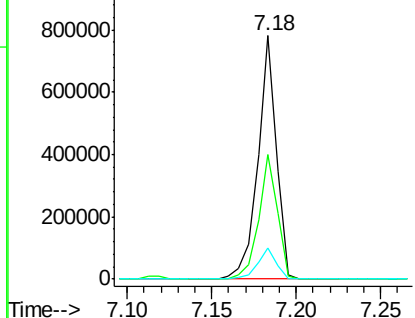


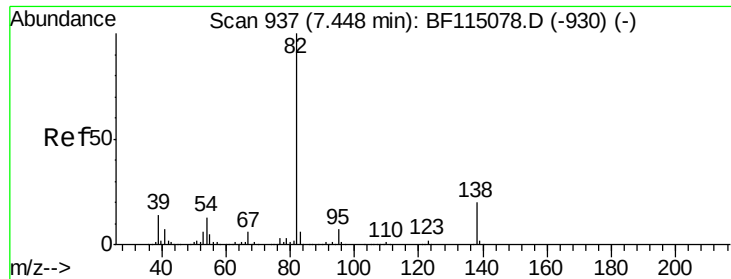
#24
 Nitrobenzene
 Concen: 38.917 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion: 77 Resp: 600679
 Ion Ratio Lower Upper
 77 100
 123 51.2 41.0 61.6
 65 12.9 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: 36.516 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1048032

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

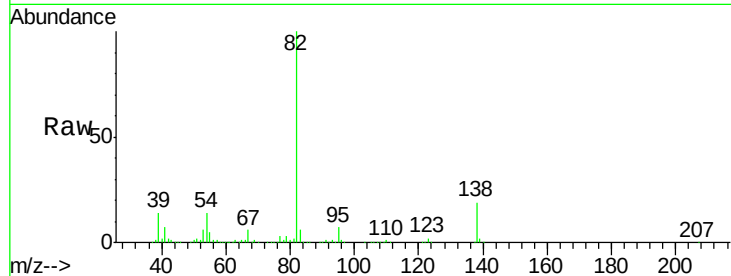
138 19.1 15.9 23.9

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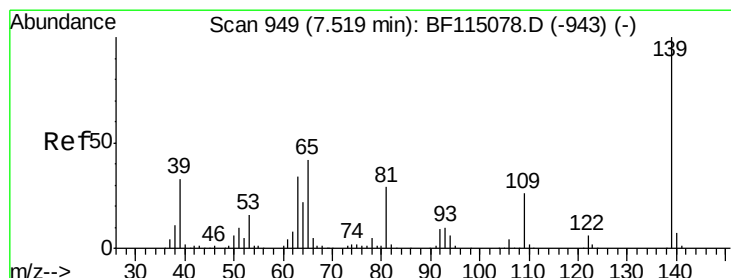
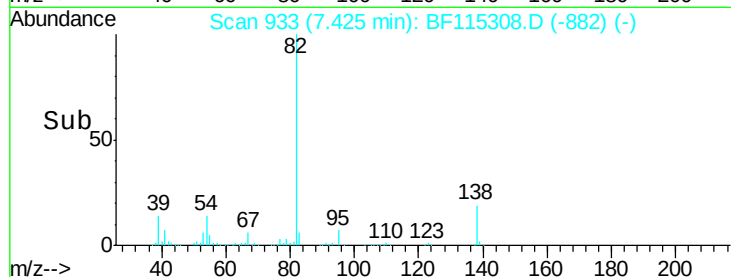
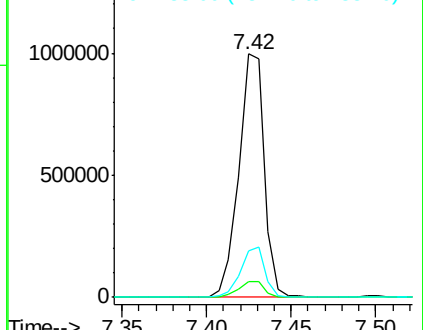
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.812 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

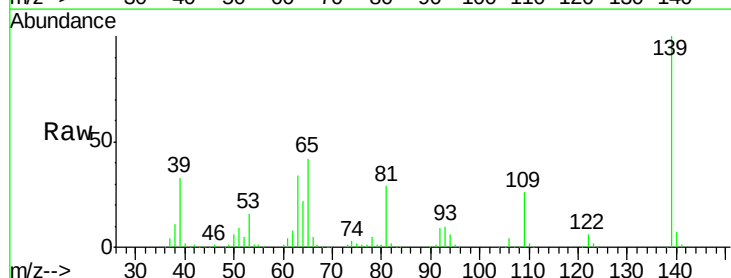
Tgt Ion: 139 Resp: 326327

Ion Ratio Lower Upper

139 100

109 26.0 20.4 30.6

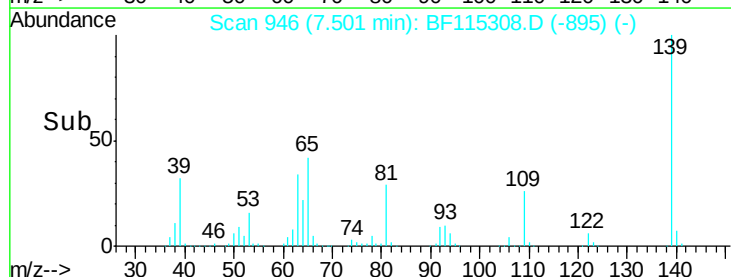
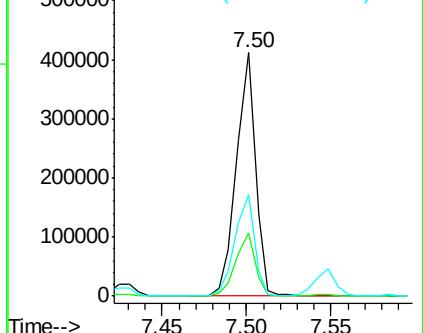
65 41.6 33.6 50.4

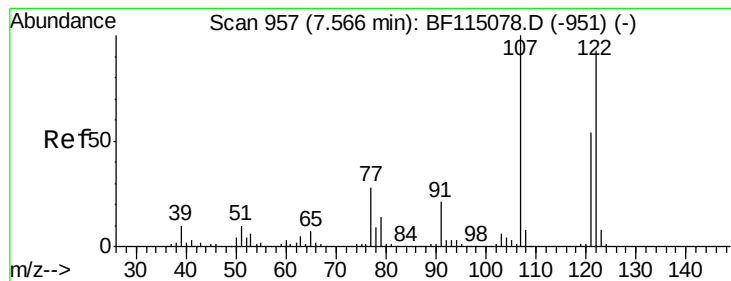


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





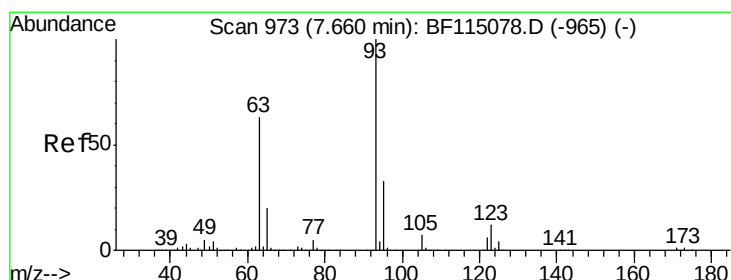
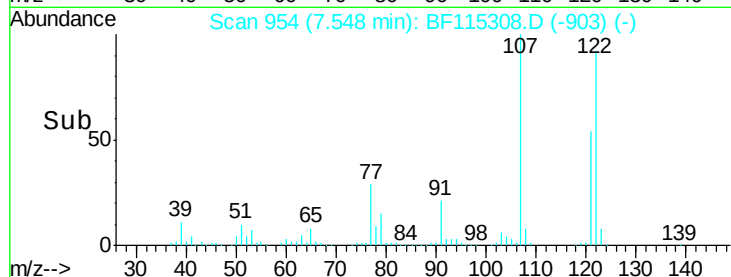
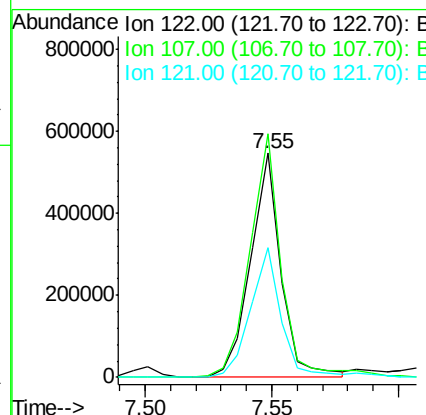
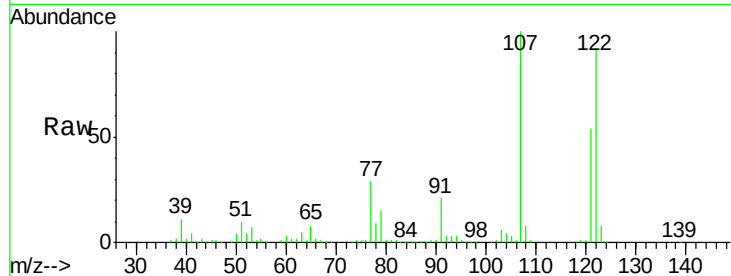
#27
 2,4-Dimethylphenol
 Concen: 36.762 ng
 RT: 7.55 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	458787		
107	108.6	85.8	128.6	
121	58.1	46.3	69.5	

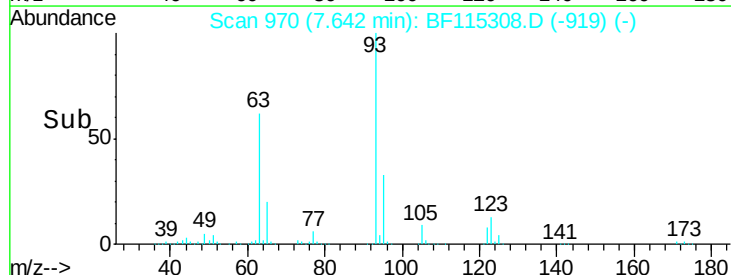
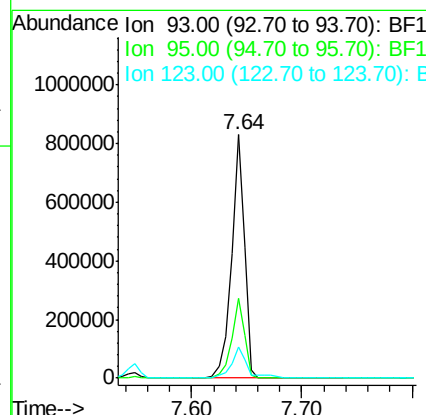
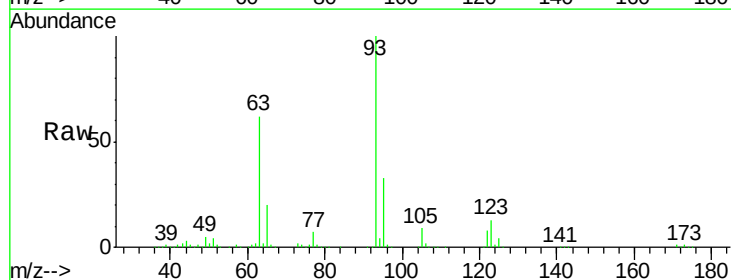
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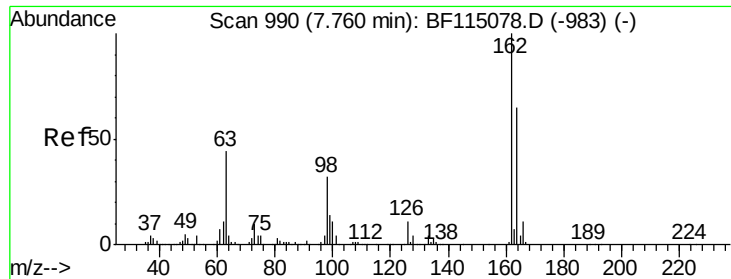
mohammad
 7/1/2019 5:58:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.405 ng
 RT: 7.64 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	678519		
95	32.8	26.2	39.4	
123	12.6	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 39.066 ng

RT: 7.74 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

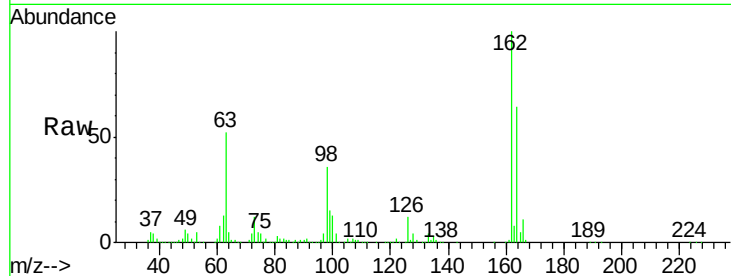
ClientSampleId :

SSTDCCC040

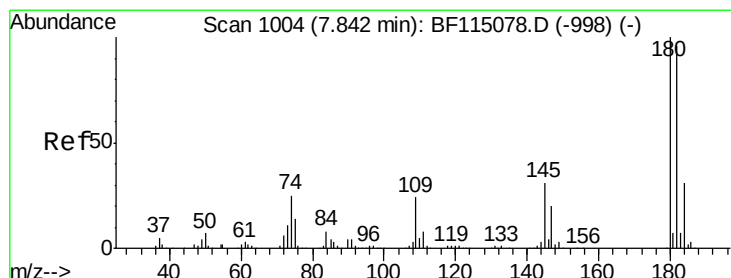
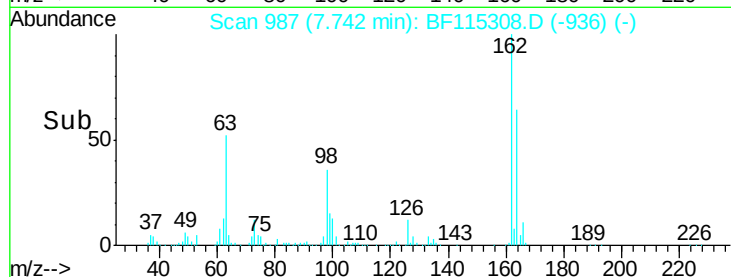
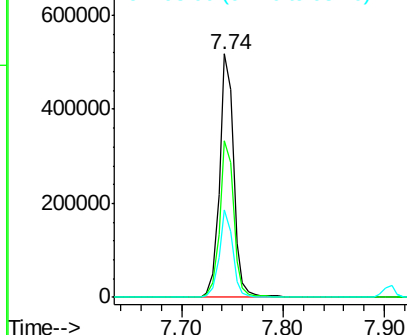
Tgt Ion:	162	Resp:	503137
Ion Ratio	Lower	Upper	
162	100		
164	64.3	45.3	85.3
98	35.9	12.5	52.5

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



#30

1,2,4-Trichlorobenzene

Concen: 39.675 ng

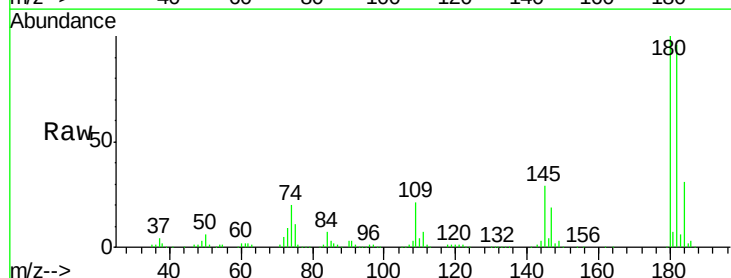
RT: 7.83 min Scan# 1002

Delta R.T. 0.01 min

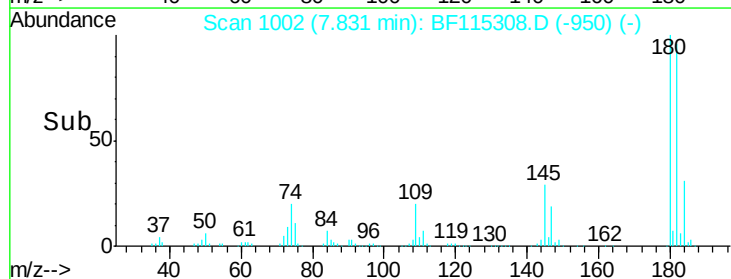
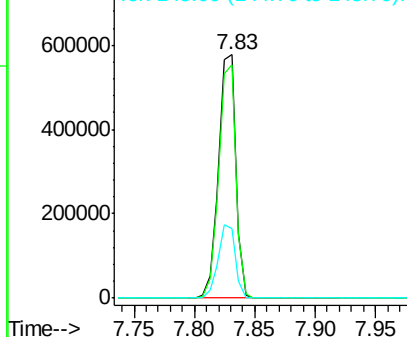
Lab File: BF115308.D

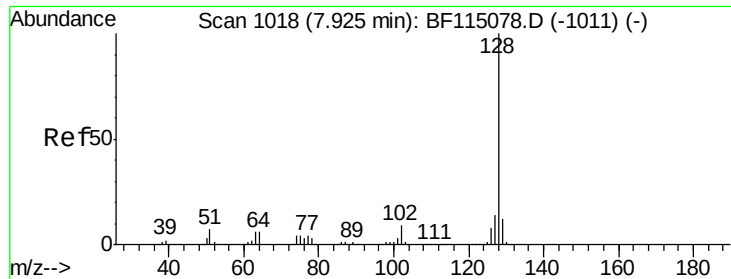
Acq: 29 Jun 2019 8:21

Tgt Ion:	180	Resp:	564427
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.4	114.6
145	28.8	24.8	37.2



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





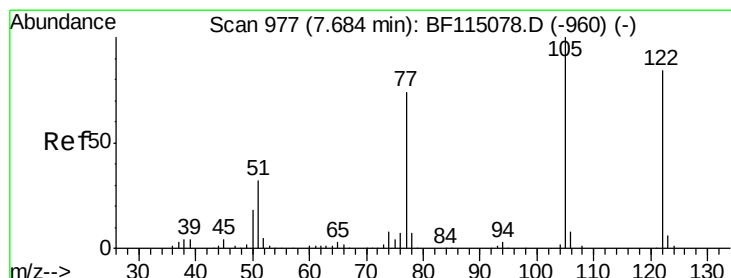
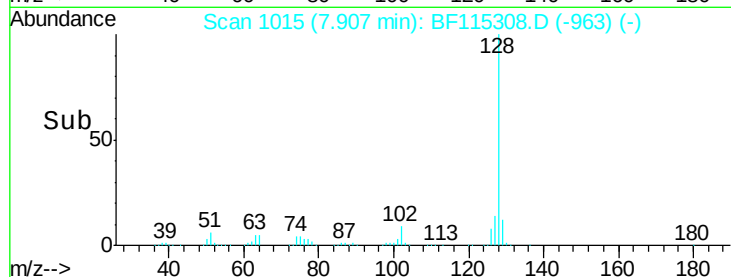
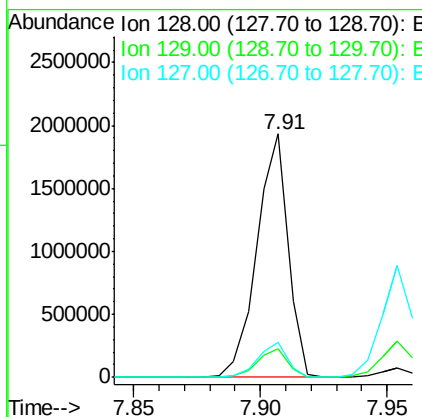
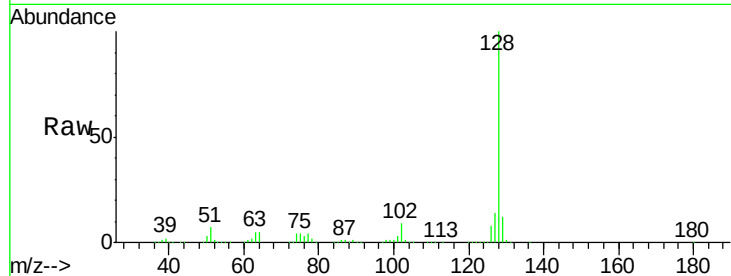
#31
Naphthalene
Concen: 39.426 ng
RT: 7.91 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1667962
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 14.1 11.4 17.0

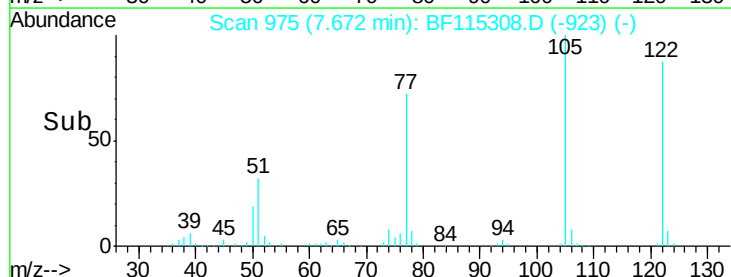
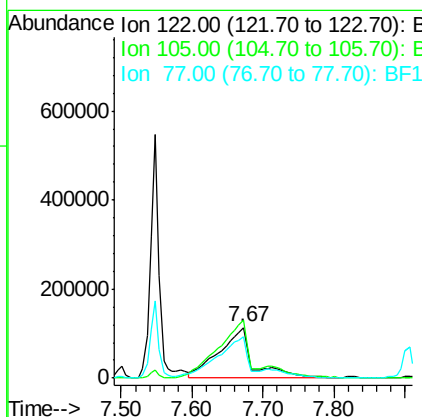
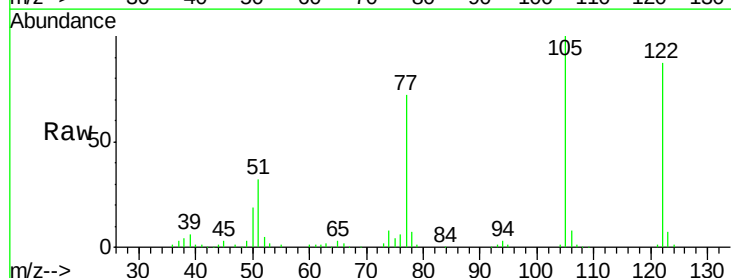
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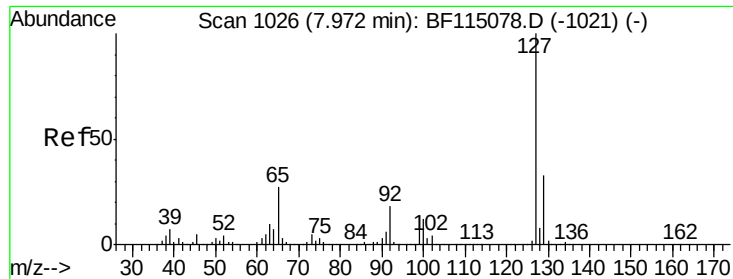
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#32
Benzoic acid
Concen: 42.526 ng m
RT: 7.67 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion:122 Resp: 378838
Ion Ratio Lower Upper
122 100
105 114.8 98.2 138.2
77 82.4 67.0 107.0





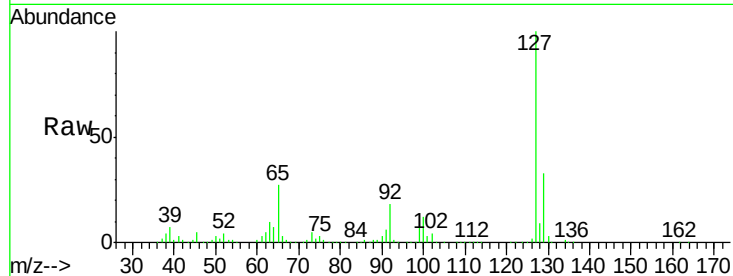
#33
4-Chloroaniline
Concen: 38.908 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

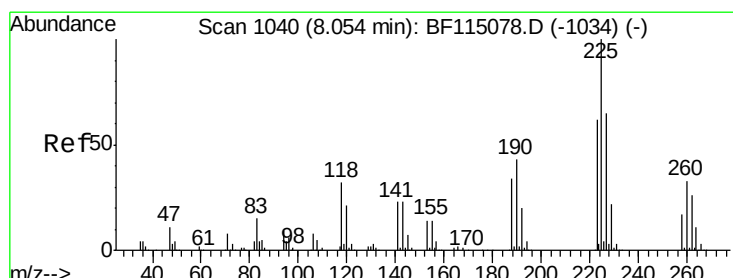
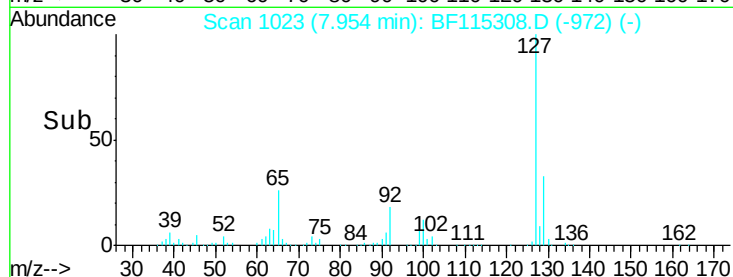
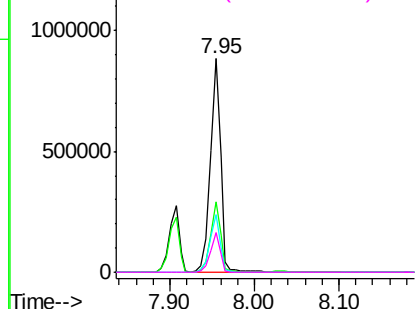
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.8	26.1	39.1
65	27.1	21.4	32.2
92	18.4	14.1	21.1

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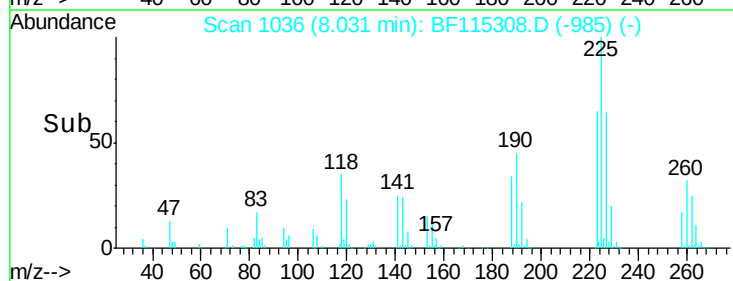
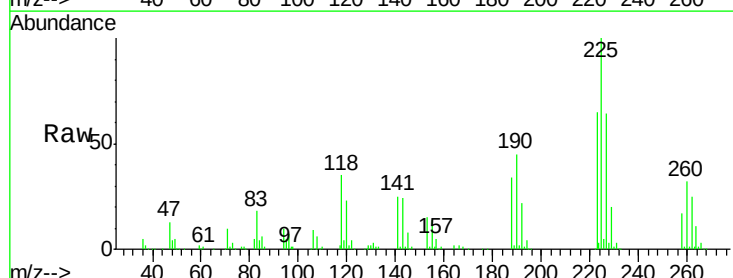
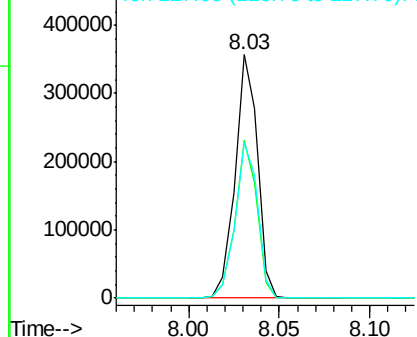
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

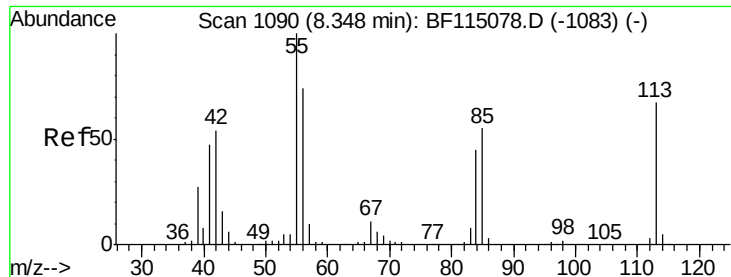


#34
Hexachlorobutadiene
Concen: 39.269 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.6	49.4	74.2
227	63.8	51.8	77.8

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





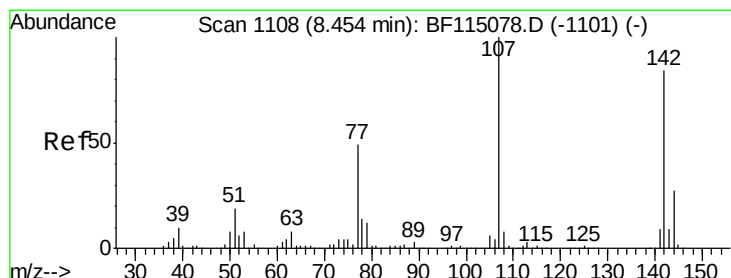
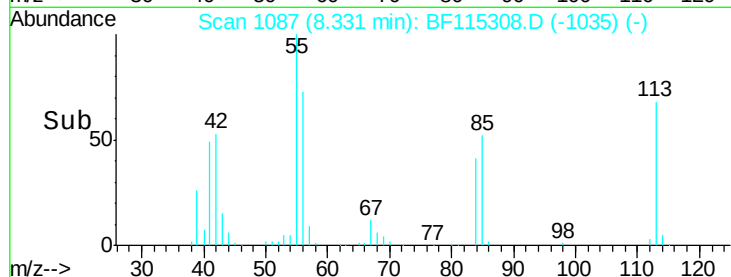
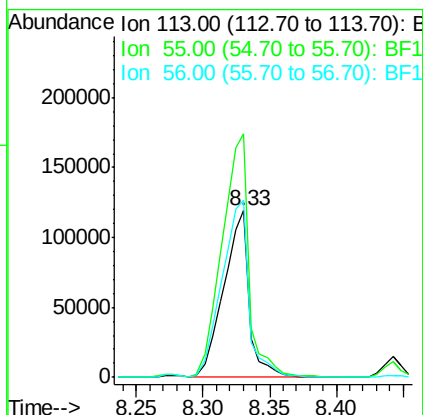
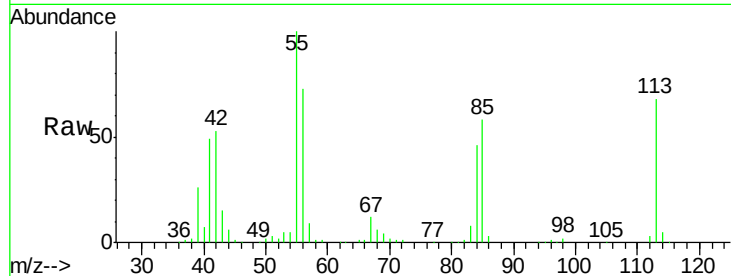
#35
 Caprolactam
 Concen: 37.112 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 160701
 Ion Ratio Lower Upper
 113 100
 55 146.1 130.2 170.2
 56 106.3 91.6 131.6

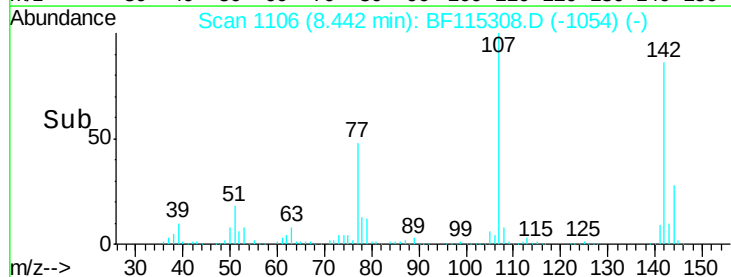
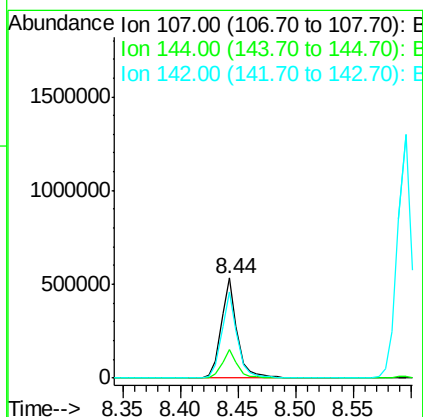
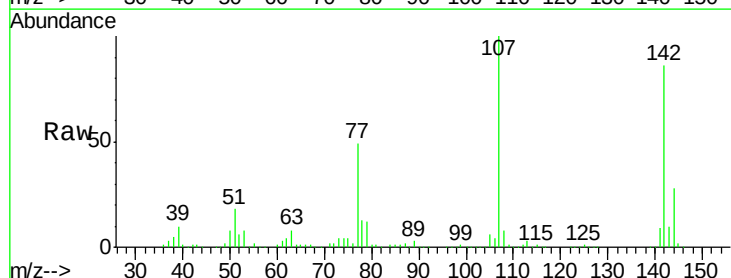
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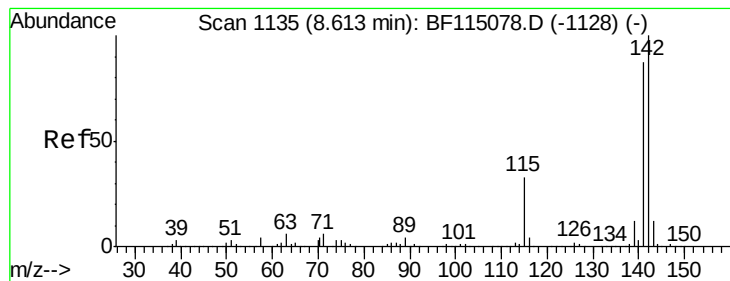
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#36
 4-Chloro-3-methylphenol
 Concen: 38.863 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

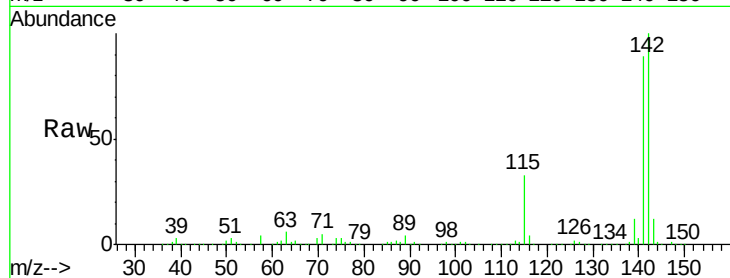
Tgt Ion:107 Resp: 506893
 Ion Ratio Lower Upper
 107 100
 144 28.2 21.7 32.5
 142 86.4 67.0 100.4





#37
2-Methylnaphthalene
Concen: 38.172 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

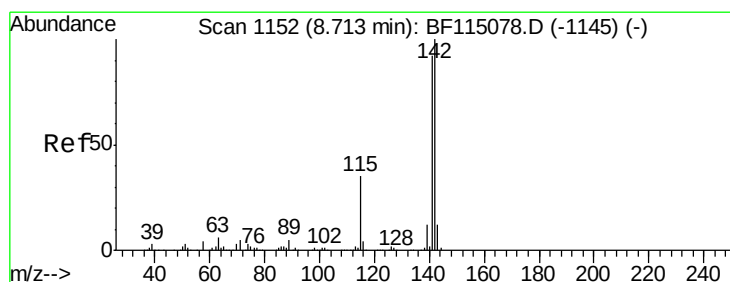
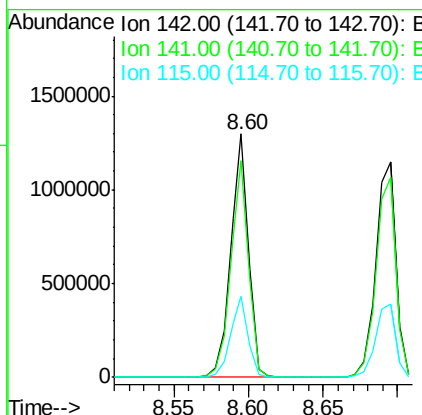
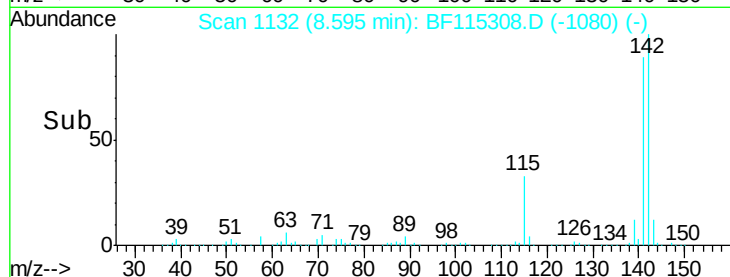
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 1088837
Ion Ratio Lower Upper
142 100
141 88.8 69.8 104.6
115 33.2 26.7 40.1

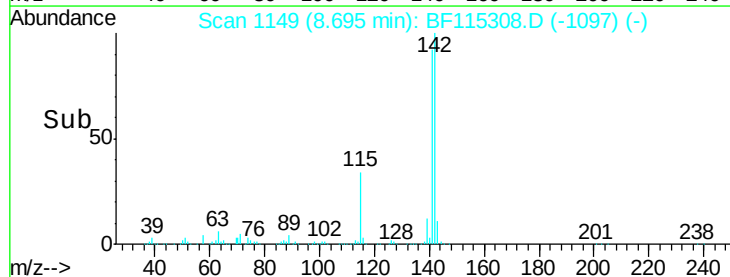
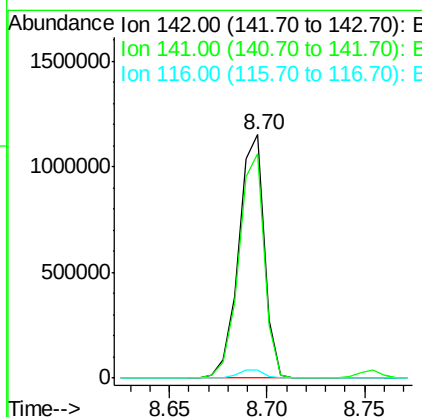
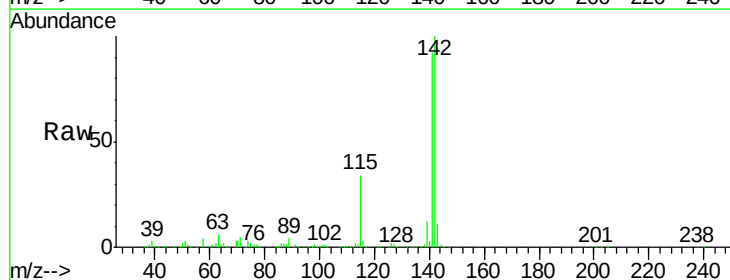
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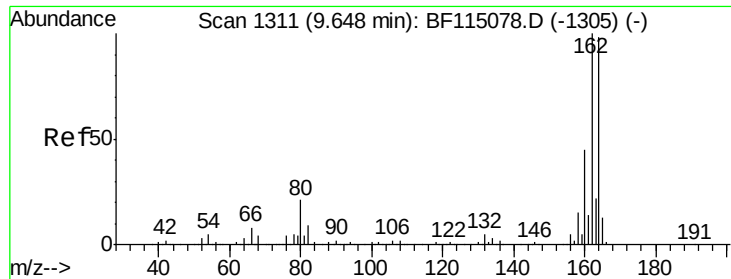
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#38
1-Methylnaphthalene
Concen: 38.428 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion:142 Resp: 1046897
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8
116 3.4 2.8 4.2





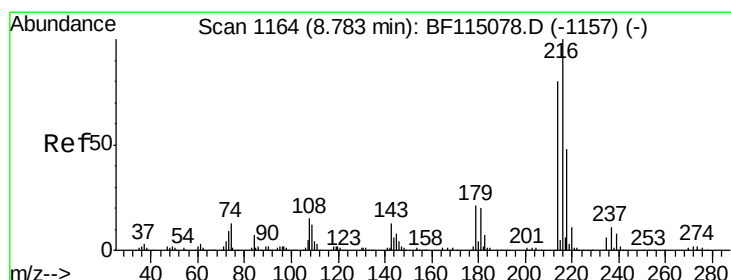
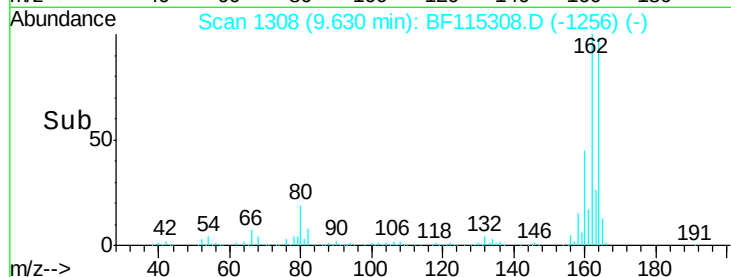
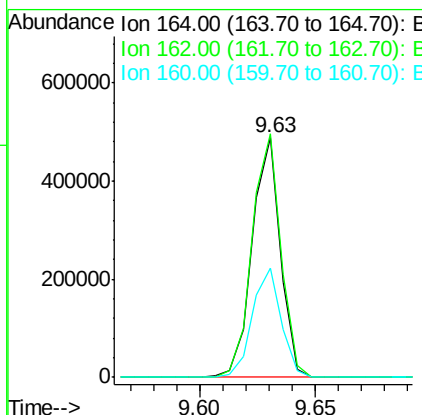
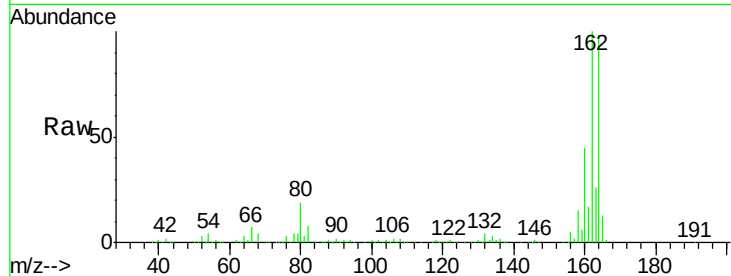
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	417085	81.7	122.5
160	45.9		37.0	55.4

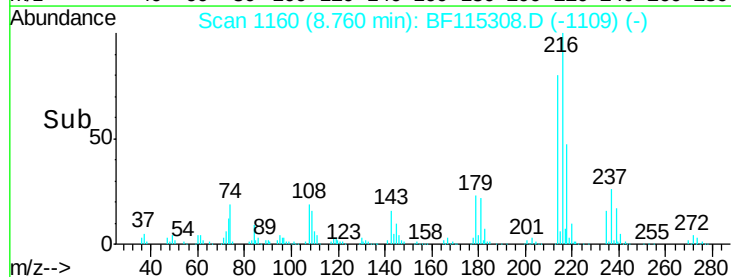
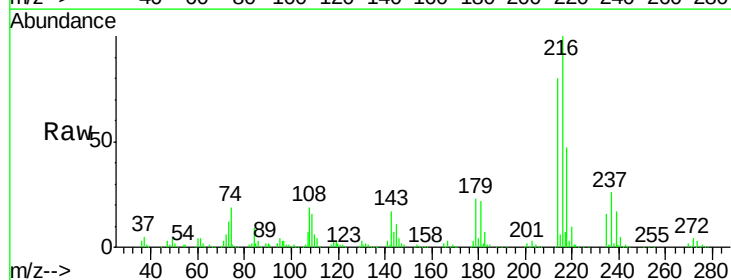
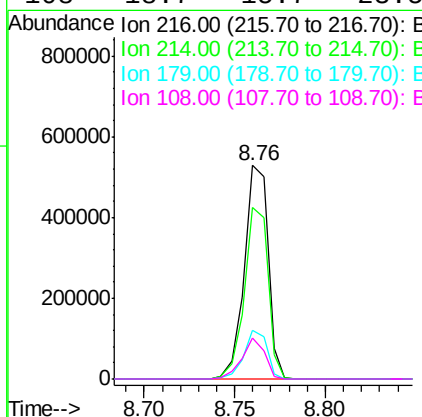
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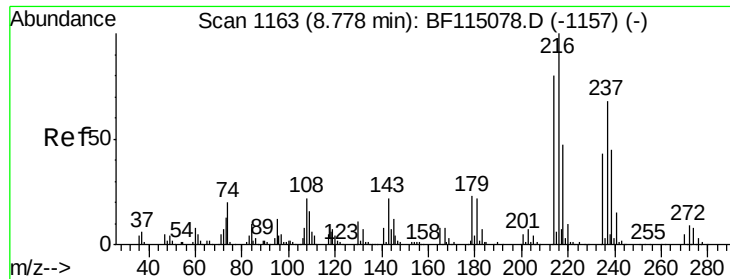
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.991 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	483119		
214	79.8		63.8	95.6
179	22.0		17.6	26.4
108	18.7		15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 34.029 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

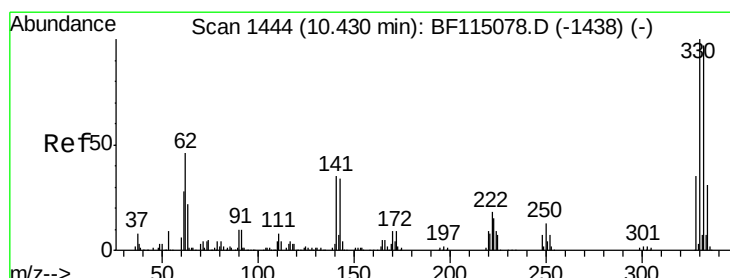
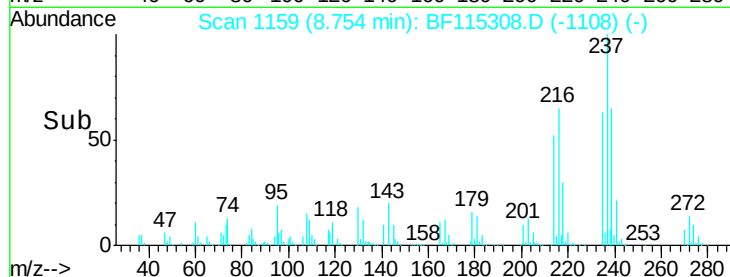
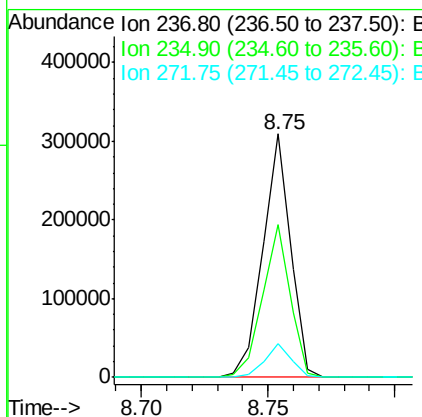
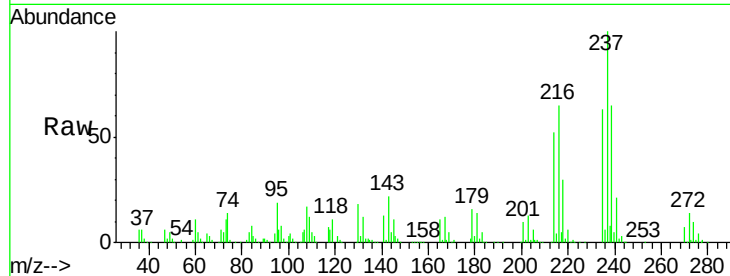
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	237821
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.9	83.9
272	13.6	0.0	33.8

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#42

2,4,6-Tribromophenol

Concen: 83.941 ng

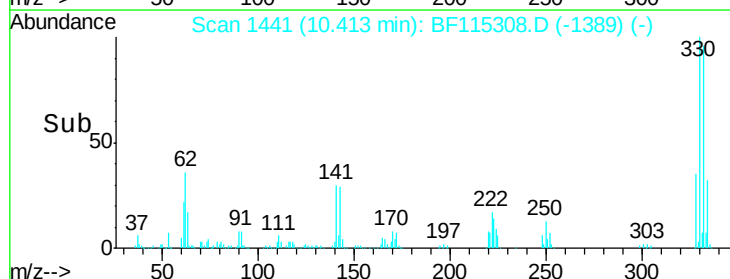
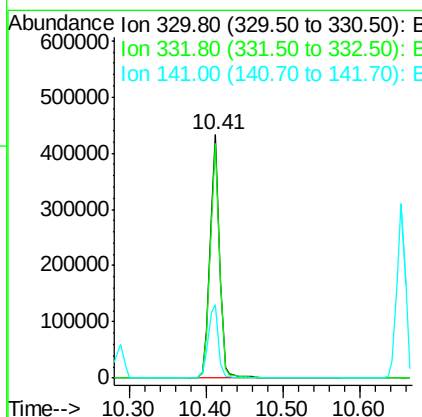
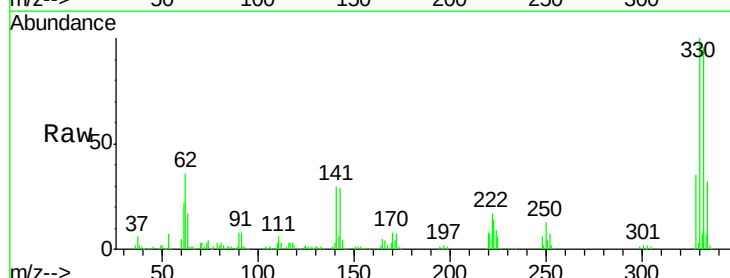
RT: 10.41 min Scan# 1441

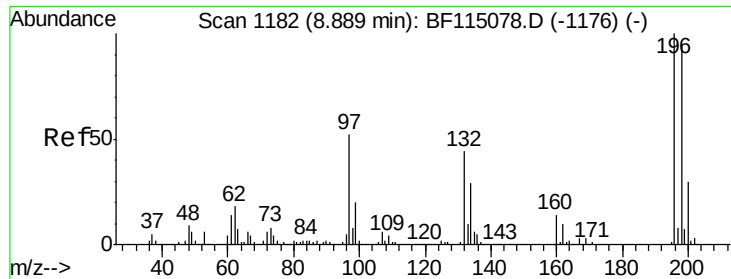
Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Tgt Ion:	330	Resp:	369200
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	32.4	28.2	42.2





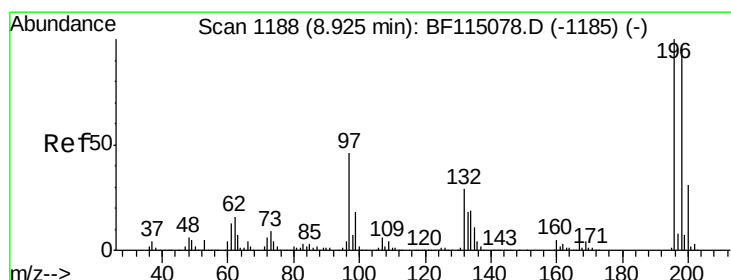
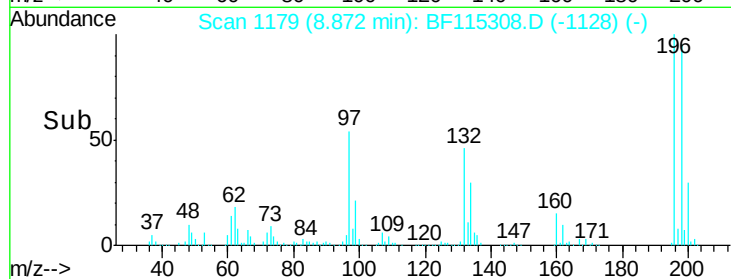
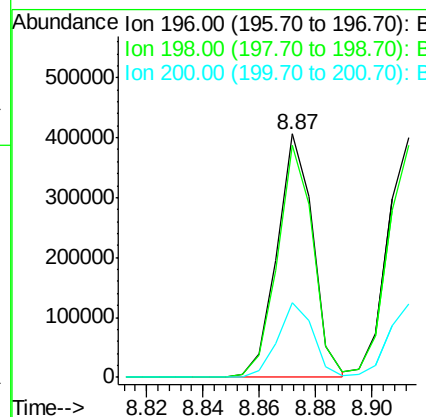
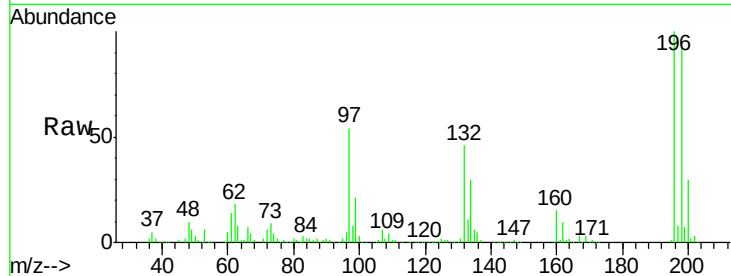
#43
 2,4,6-Trichlorophenol
 Concen: 39.171 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	356431		
198	95.1	76.3	114.5	
200	30.5	24.2	36.4	

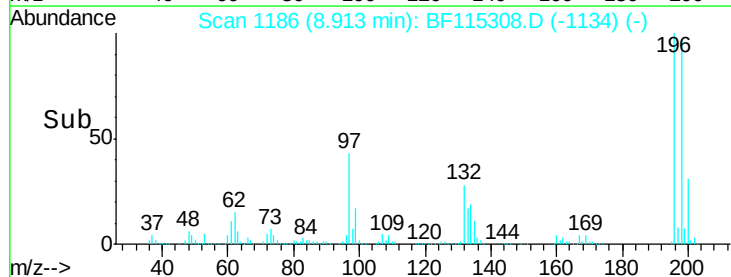
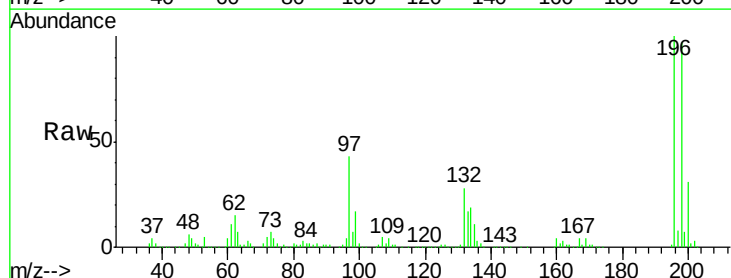
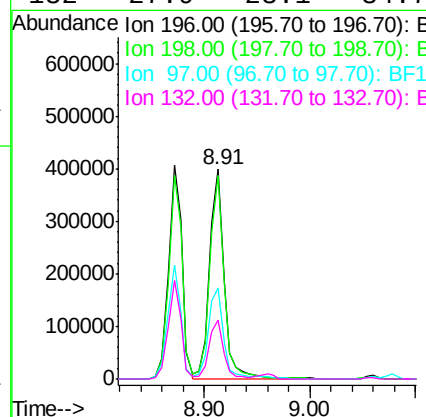
Manual Integrations
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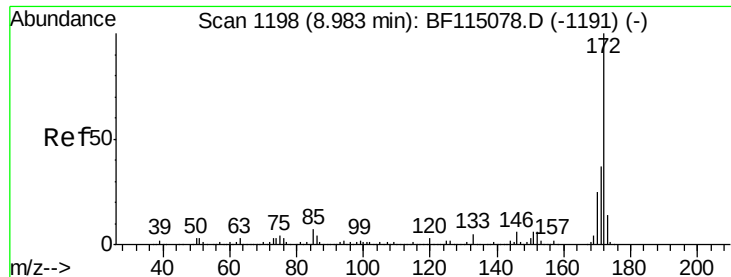
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.889 ng
 RT: 8.91 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	383155		
198	97.3	77.1	115.7	
97	43.2	37.7	56.5	
132	27.9	23.1	34.7	





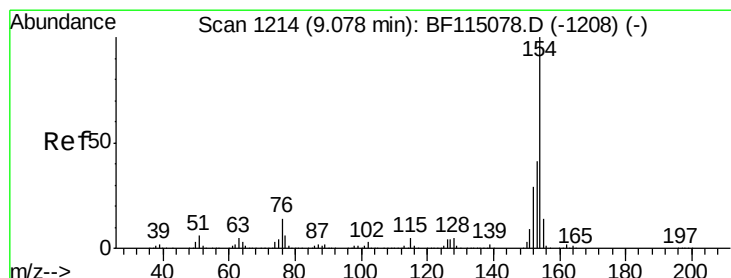
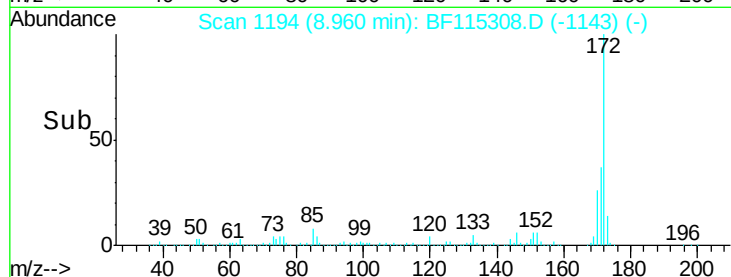
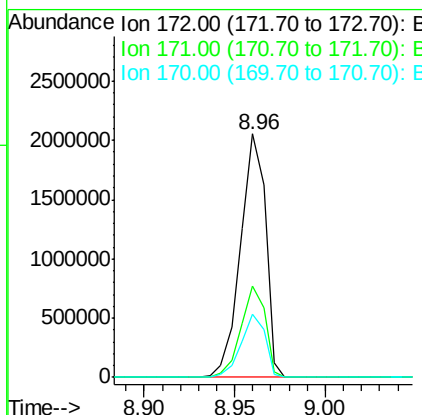
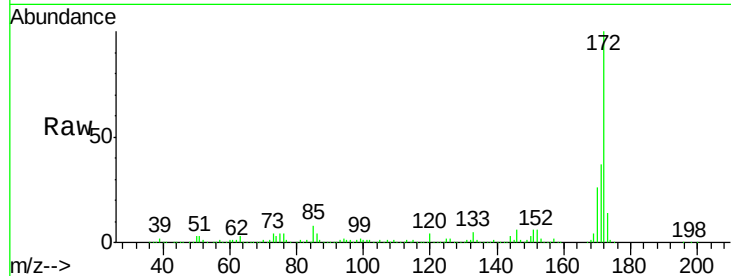
#45
2-Fluorobiphenyl
Concen: 80.676 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	26.0	20.3	30.5

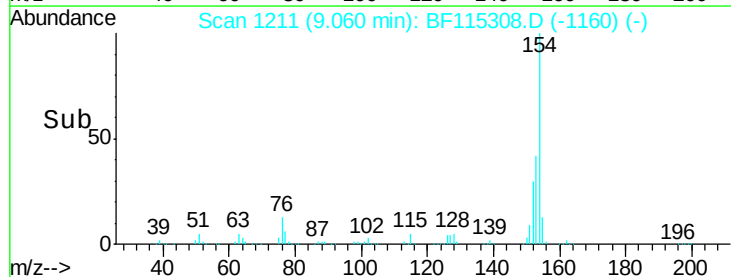
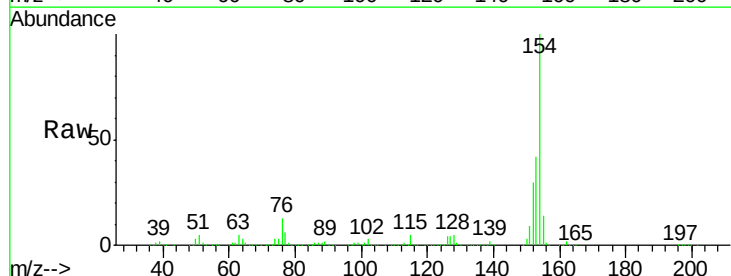
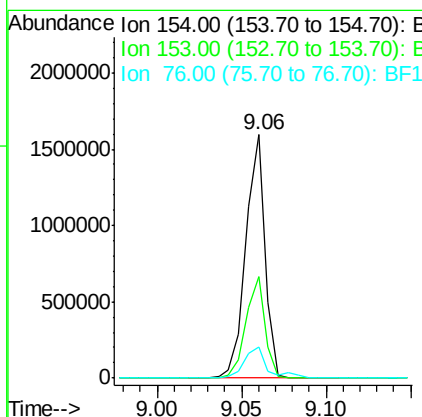
Manual Integrations
APPROVED

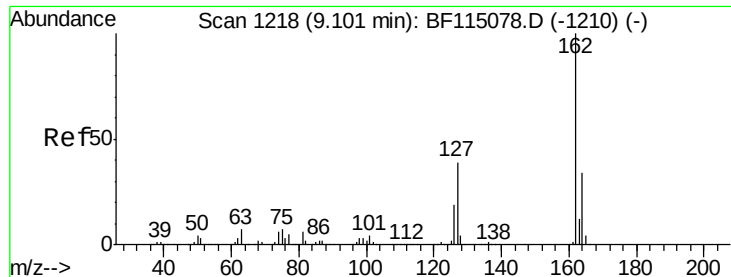
mohammad
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#46
1,1'-Biphenyl
Concen: 38.055 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	13.0	0.0	34.1





#47

2-Chloronaphthalene

Concen: 39.791 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 162 Resp: 1077147

Ion Ratio Lower Upper

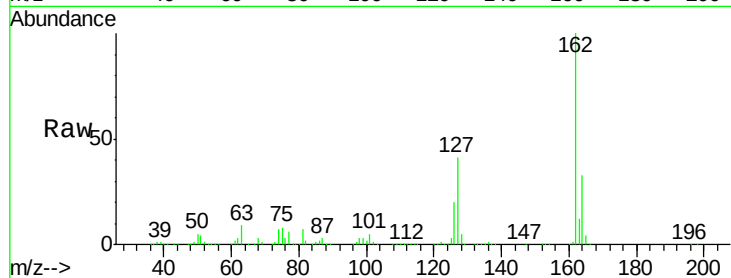
162 100

127 40.9 30.8 46.2

164 33.4 27.0 40.4

Manual Integrations
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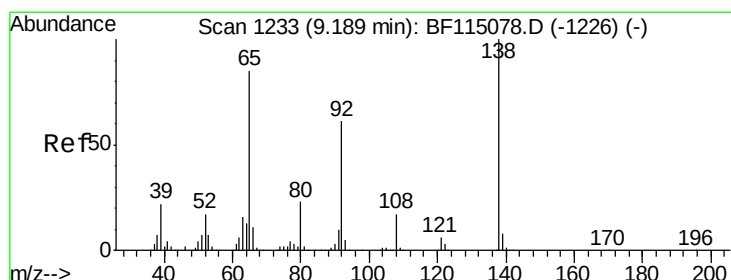
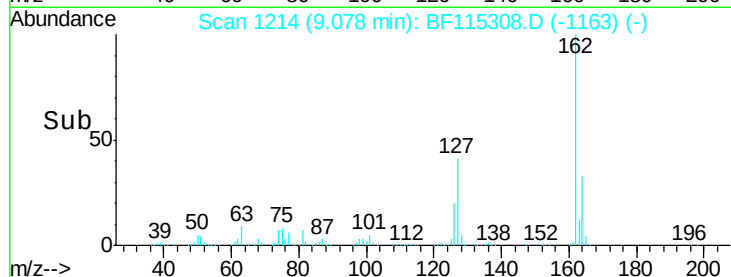
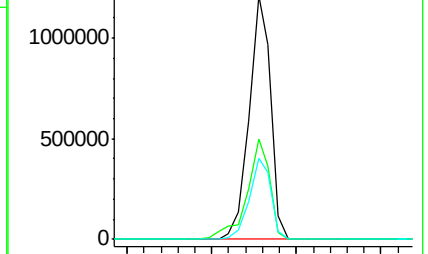
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.096 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

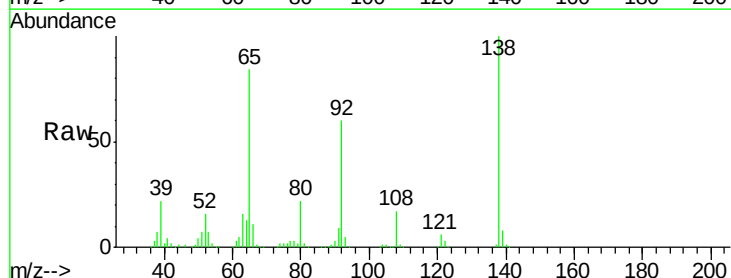
Tgt Ion: 65 Resp: 324338

Ion Ratio Lower Upper

65 100

92 71.8 57.4 86.2

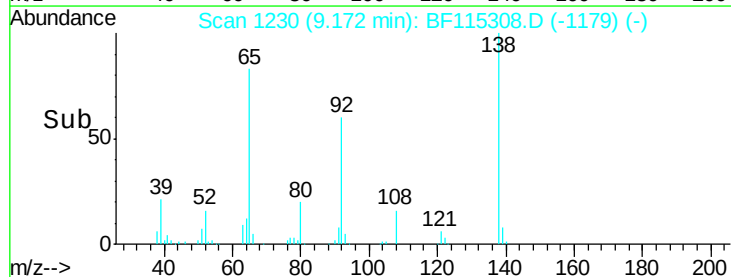
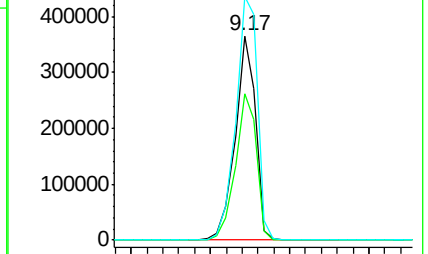
138 119.3 94.1 141.1

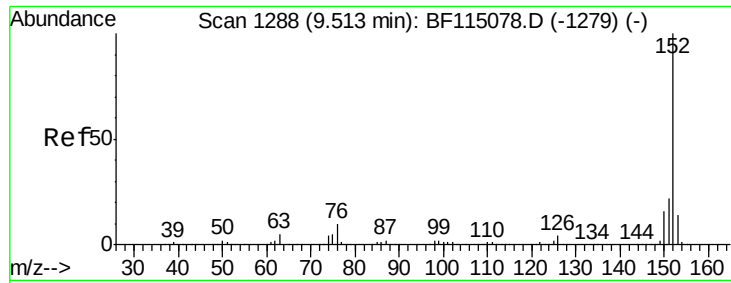


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.516 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1666673

Ion Ratio Lower Upper

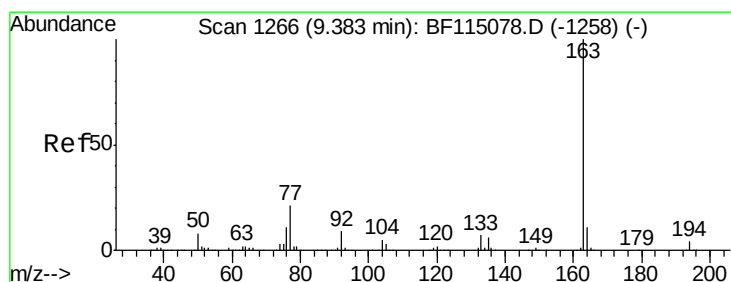
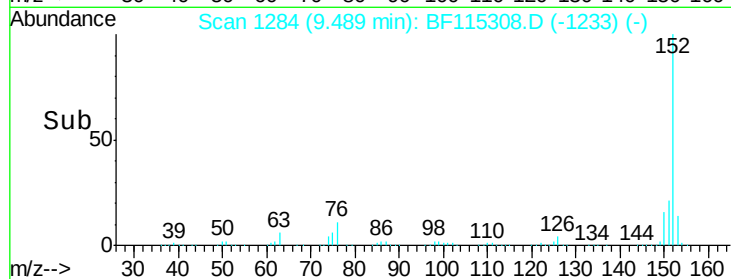
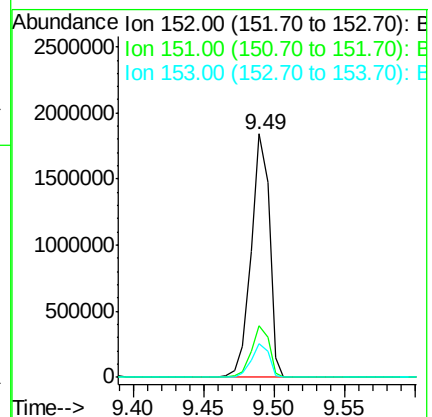
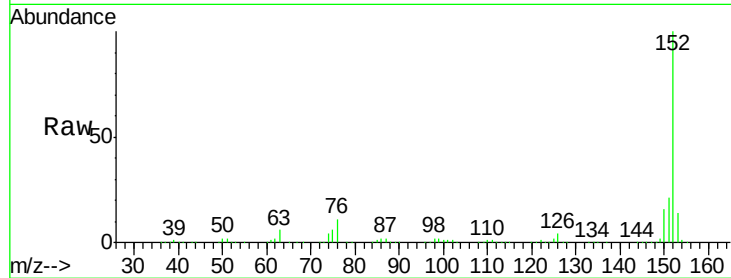
152 100

151 21.3 17.2 25.8

153 14.1 11.0 16.6

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#50

Dimethylphthalate

Concen: 39.013 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

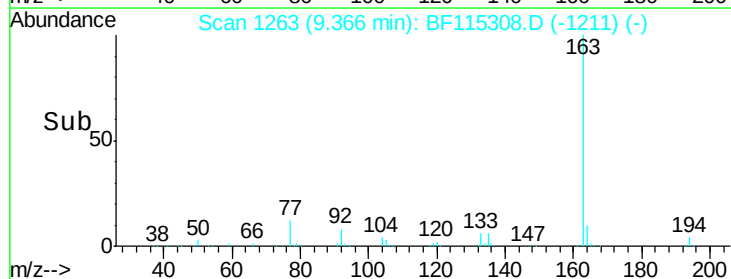
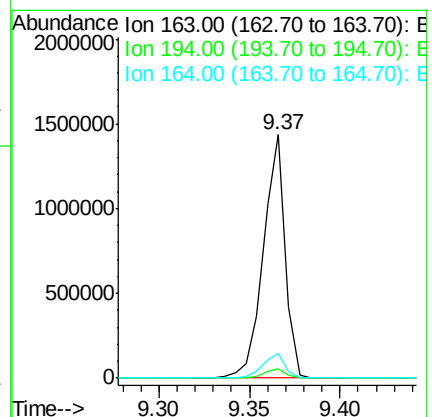
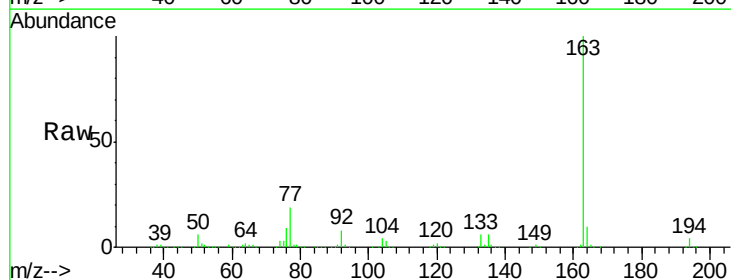
Tgt Ion:163 Resp: 1197158

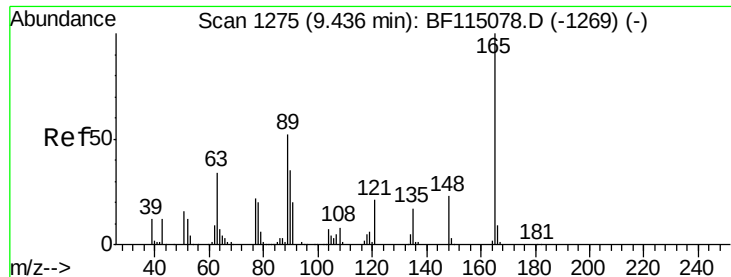
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 40.276 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

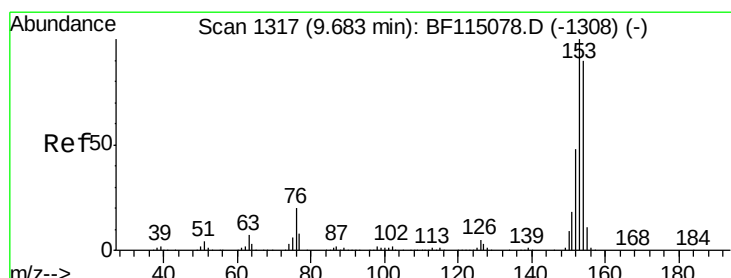
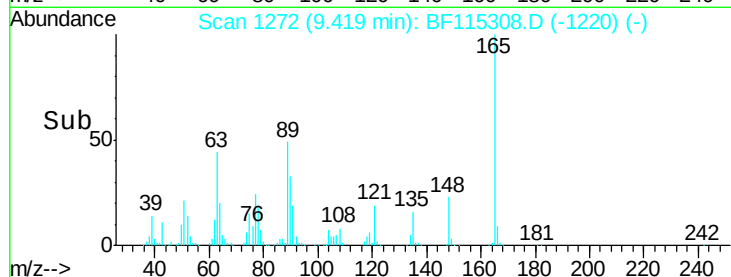
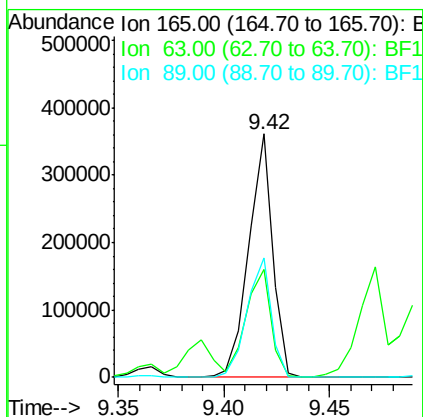
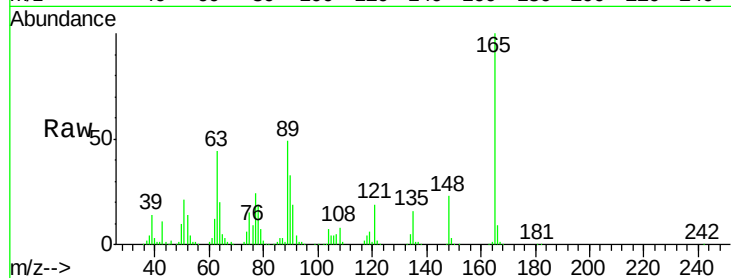
ClientSampleId :

SSTDCCC040

Tgt Ion:	165	Resp:	285332
Ion Ratio	Lower	Upper	
165	100		
63	44.5	39.4	59.2
89	49.0	42.0	63.0

Manual Integrations
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#52

Acenaphthene

Concen: 36.301 ng m

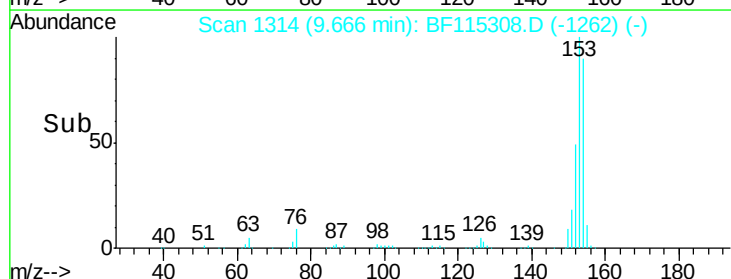
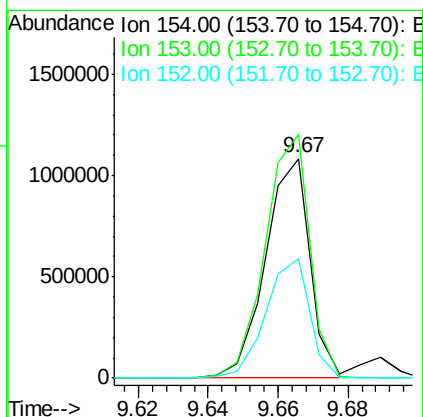
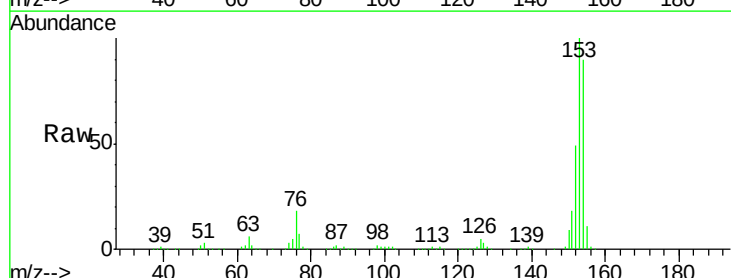
RT: 9.67 min Scan# 1314

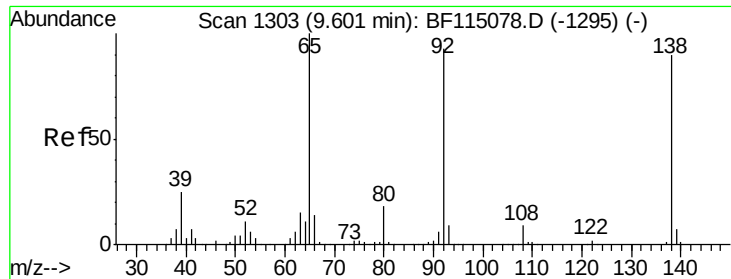
Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Tgt Ion:	154	Resp:	958059
Ion Ratio	Lower	Upper	
154	100		
153	111.0	88.7	133.1
152	54.5	42.6	64.0





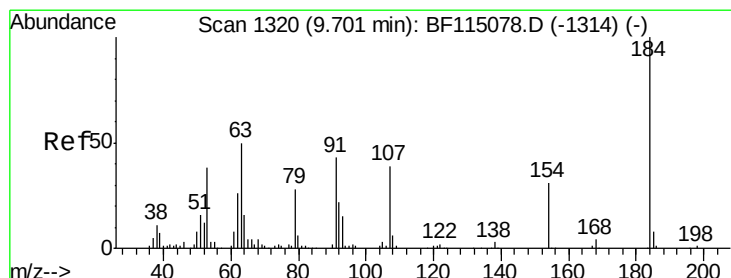
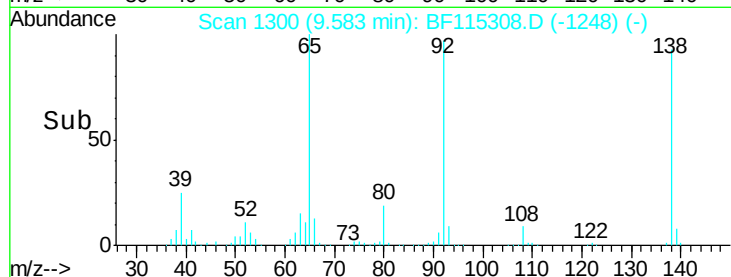
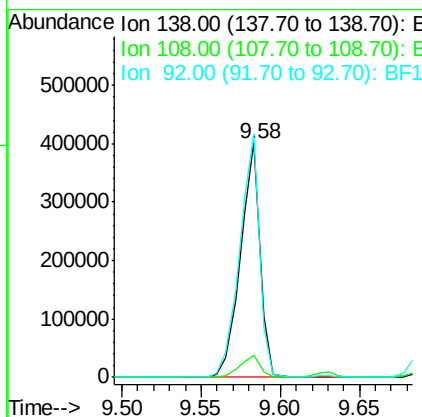
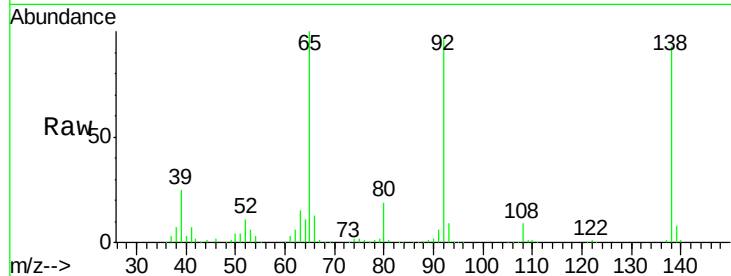
#53
 3-Nitroaniline
 Concen: 39.745 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	343607		
108	9.7	7.8	11.6	
92	103.9	82.9	124.3	

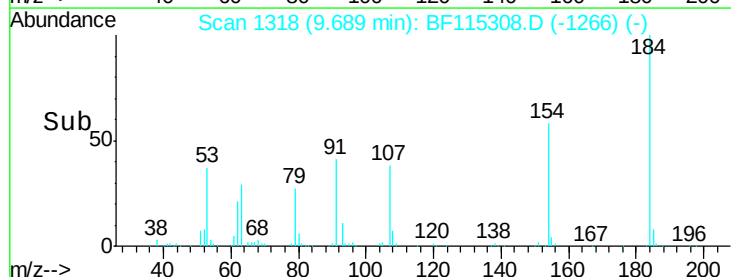
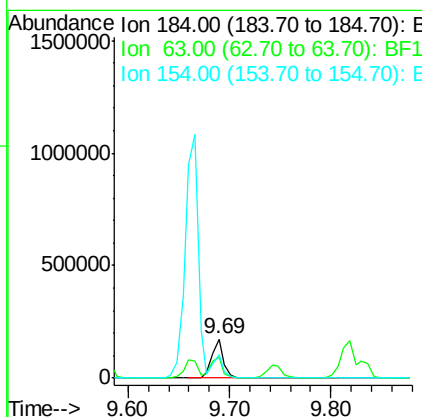
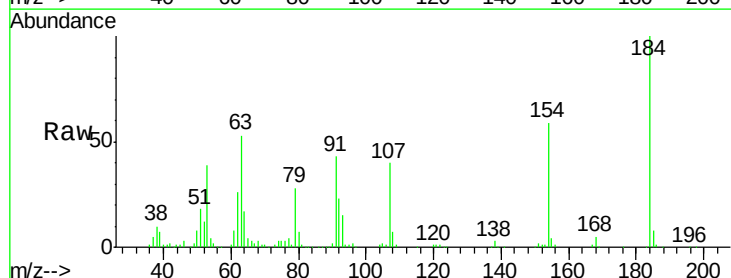
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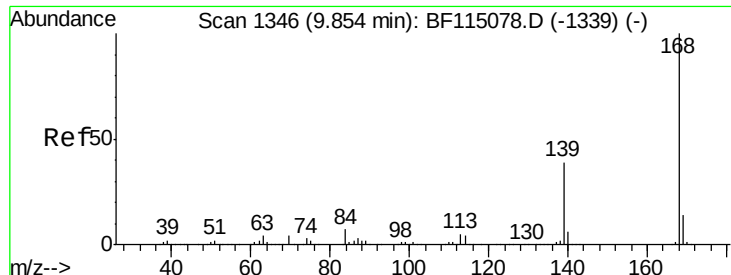
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 42.247 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	140098		
63	52.5	41.9	62.9	
154	58.8	44.7	67.1	





#55

Dibenzofuran

Concen: 38.177 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 1446145

Ion Ratio Lower Upper

168 100

139 36.8 31.1 46.7

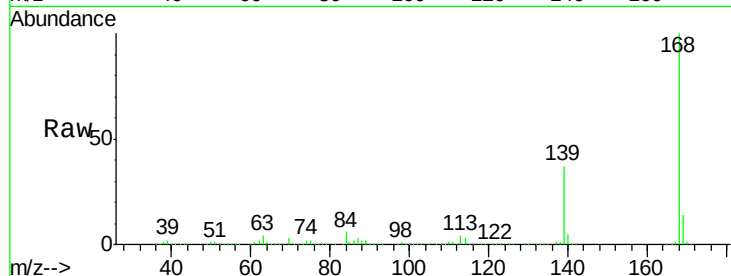
169 13.7 11.3 16.9

Manual Integrations

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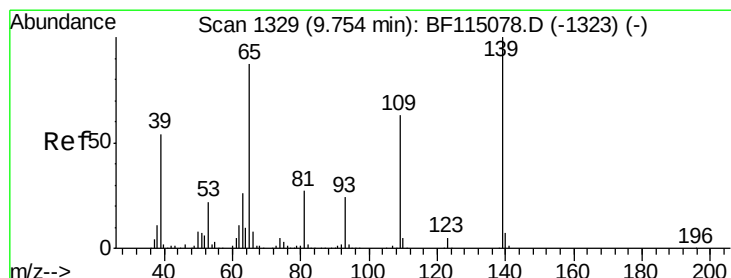
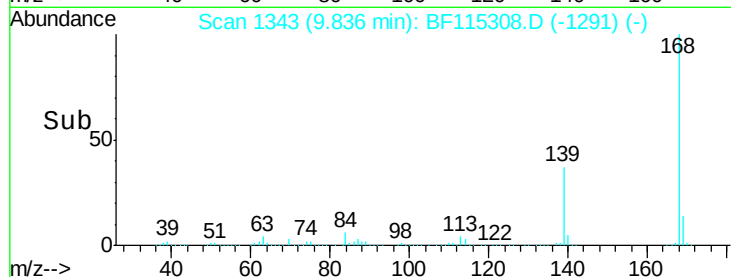
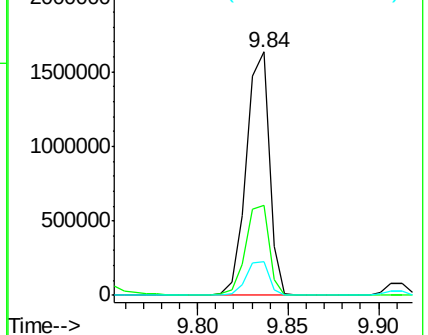
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.613 ng

RT: 9.75 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

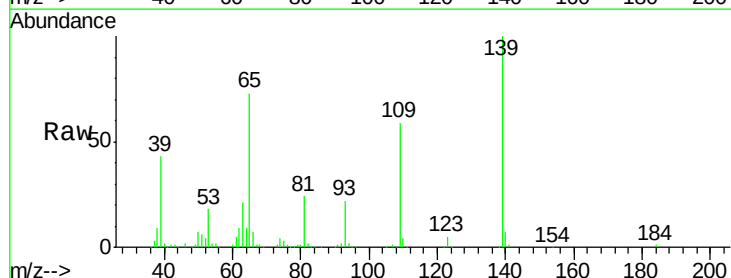
Tgt Ion:139 Resp: 267626

Ion Ratio Lower Upper

139 100

109 58.5 43.0 83.0

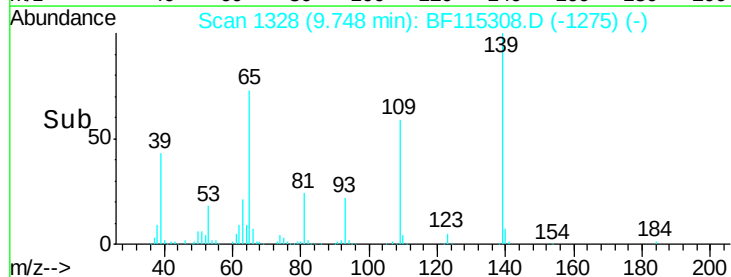
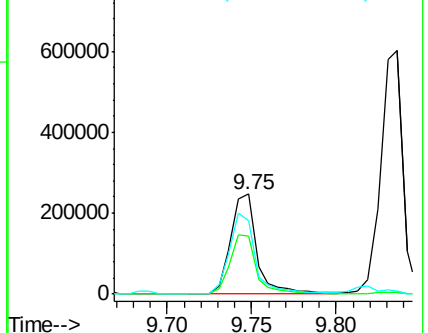
65 73.1 67.0 107.0

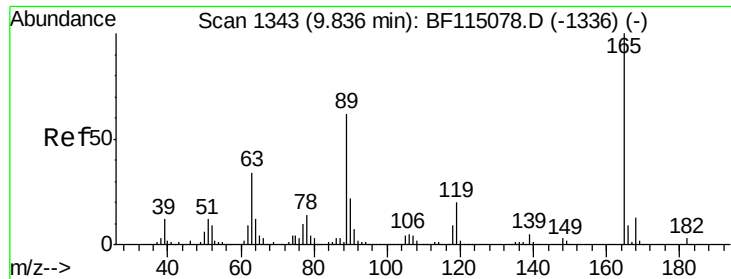


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





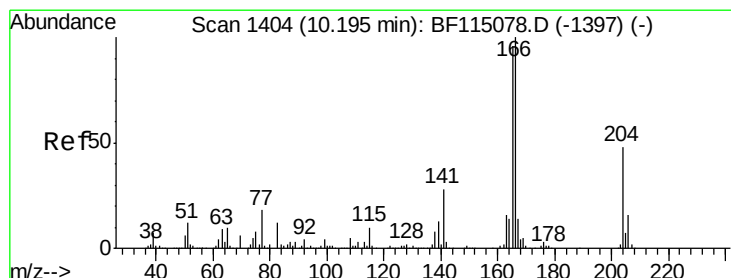
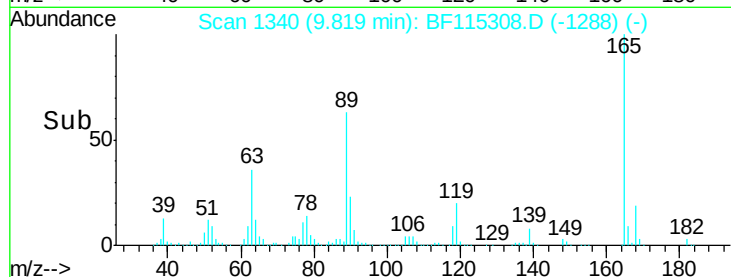
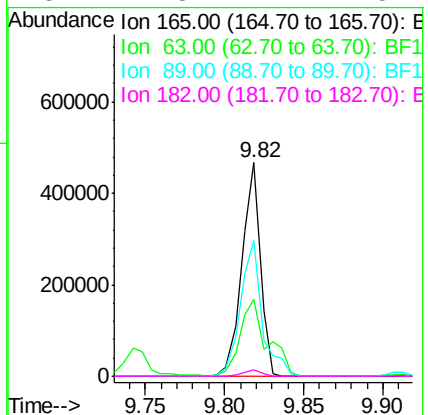
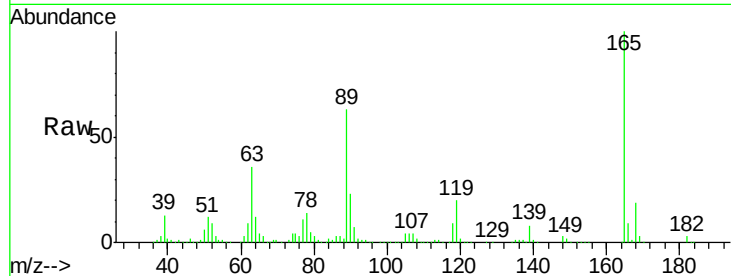
#57
 2,4-Dinitrotoluene
 Concen: 41.144 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	376365		
63	35.7	27.5	41.3	
89	63.2	49.9	74.9	
182	2.8	2.1	3.1	

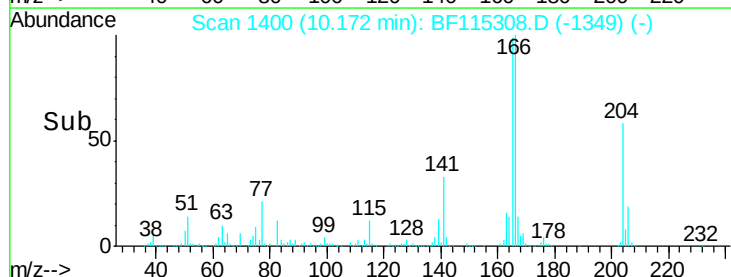
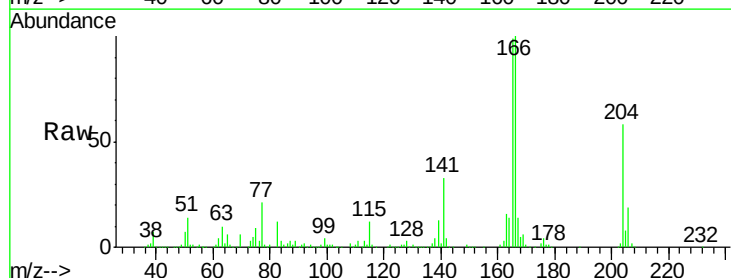
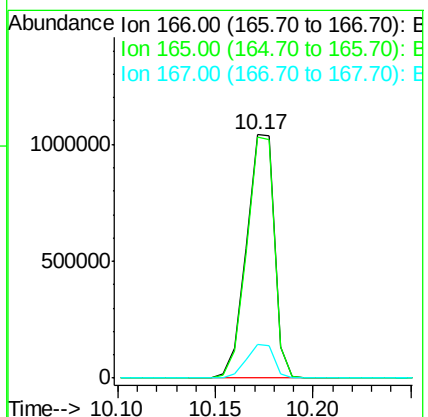
Manual Integrations
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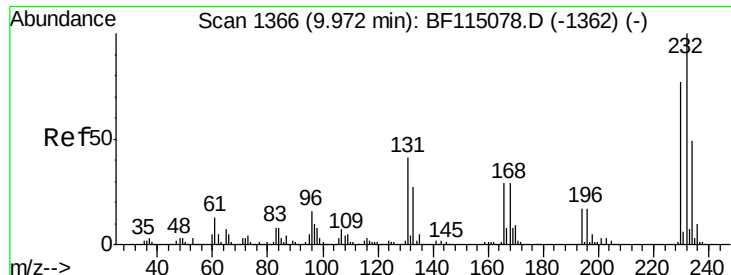
mohammad
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#58
 Fluorene
 Concen: 40.060 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1028546		
165	98.8	76.5	114.7	
167	13.9	11.0	16.4	





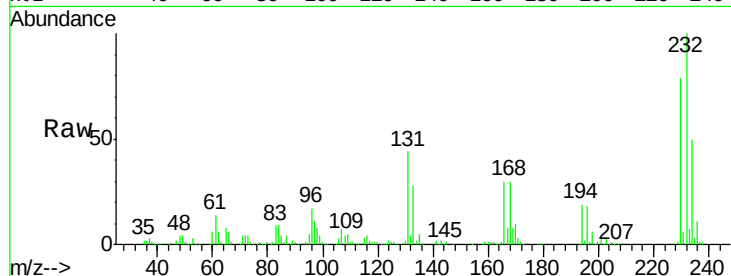
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.072 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

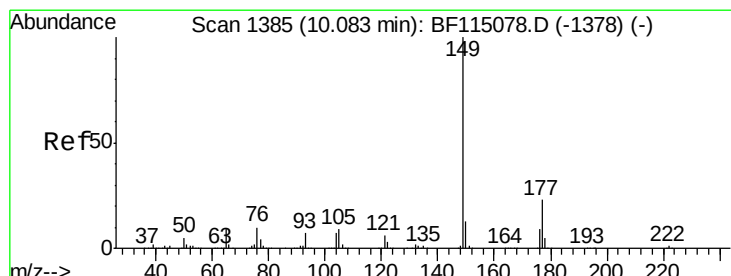
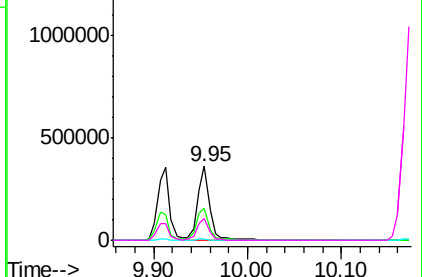
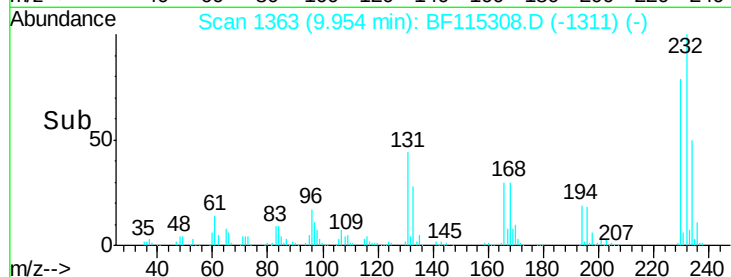
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.8	37.4	56.0
130	2.1	1.8	2.6
166	29.8	24.6	36.8

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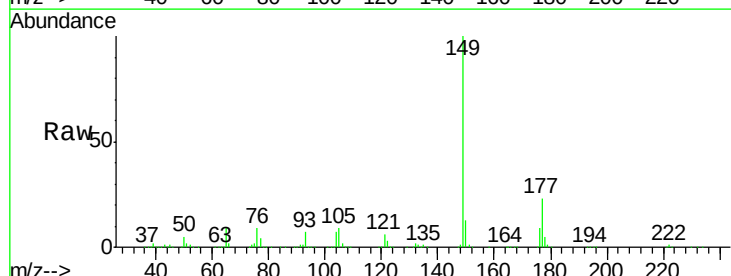


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

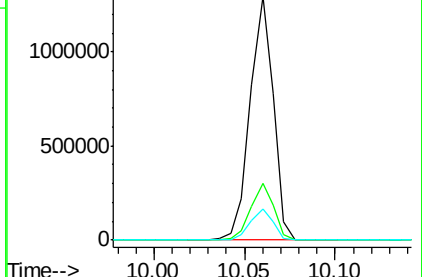
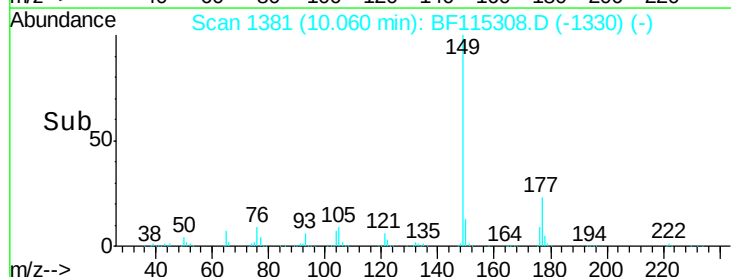


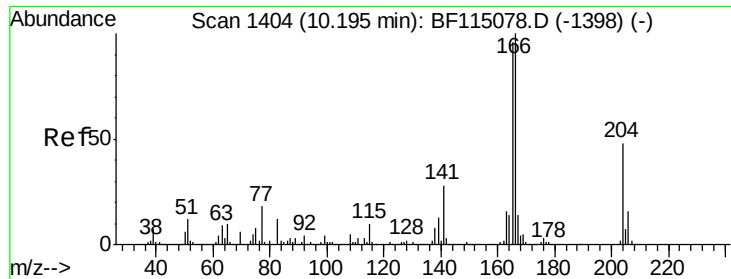
#60
 Diethylphthalate
 Concen: 37.315 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115308.D
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Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.7	28.1
150	12.8	10.4	15.6



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





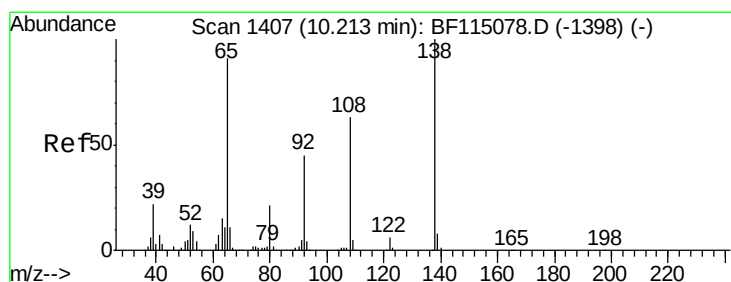
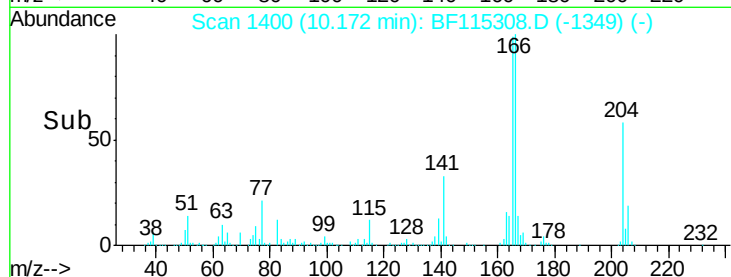
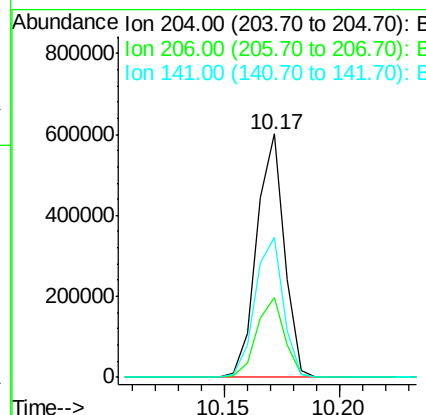
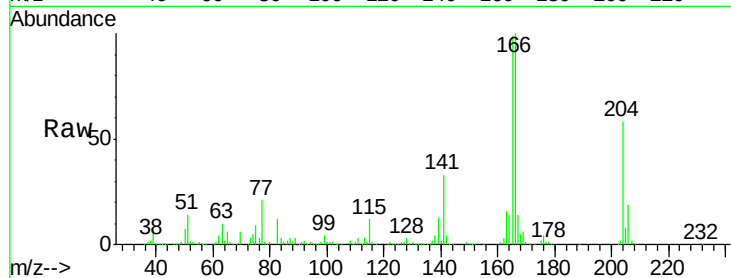
#61
4-Chlorophenyl-phenylether
Concen: 41.405 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	502750		
206	32.9	26.6	40.0	
141	57.7	46.7	70.1	

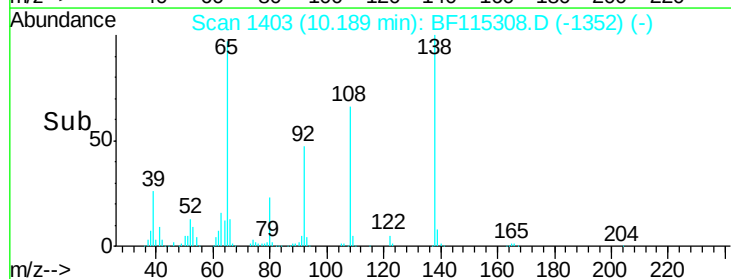
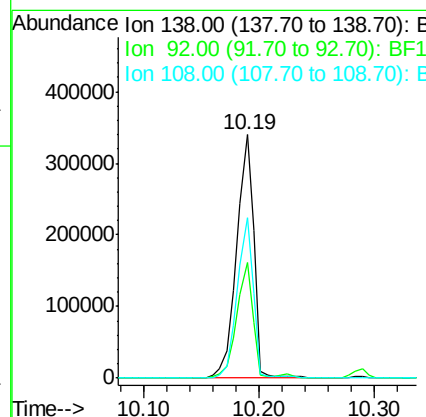
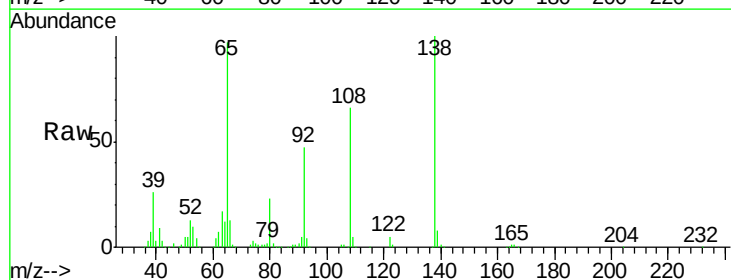
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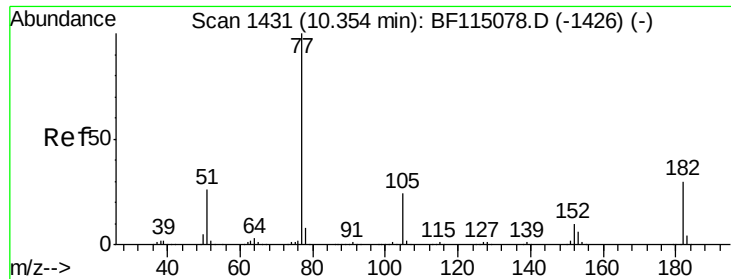
mohammad
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#62
4-Nitroaniline
Concen: 40.588 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	352018		
92	47.3	24.8	64.8	
108	65.7	43.3	83.3	





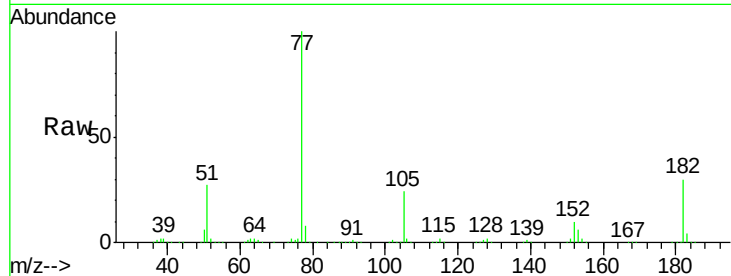
#63
Azobenzene
Concen: 37.309 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

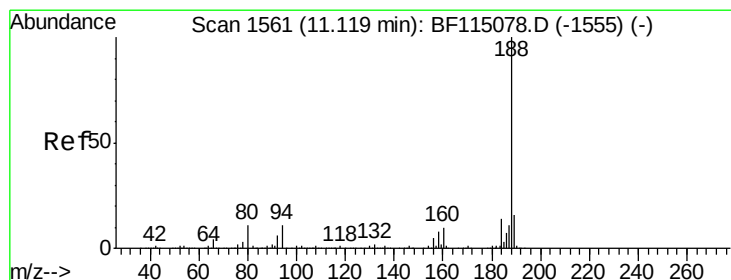
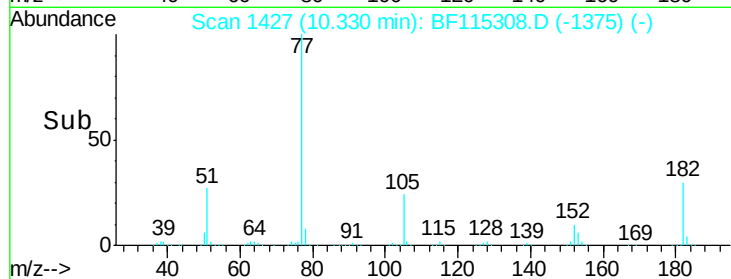
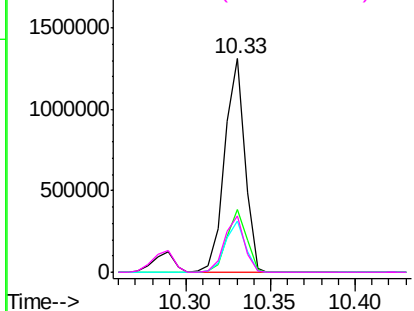
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	10.1	50.1
105	24.2	4.5	44.5
51	26.6	6.4	46.4

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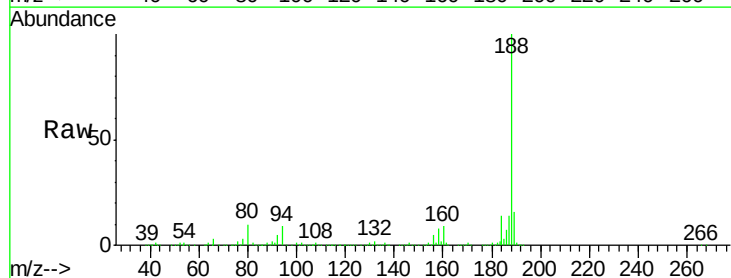


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

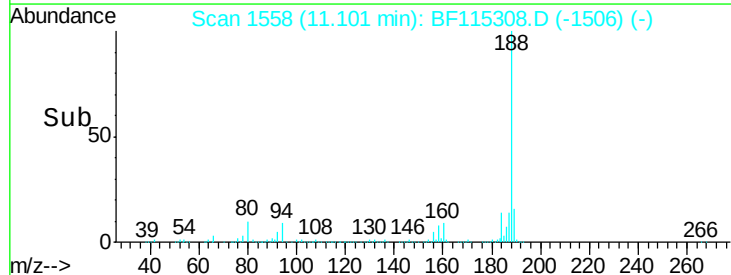
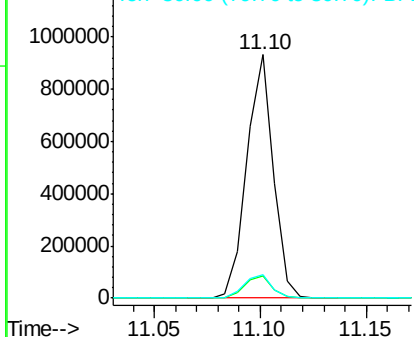


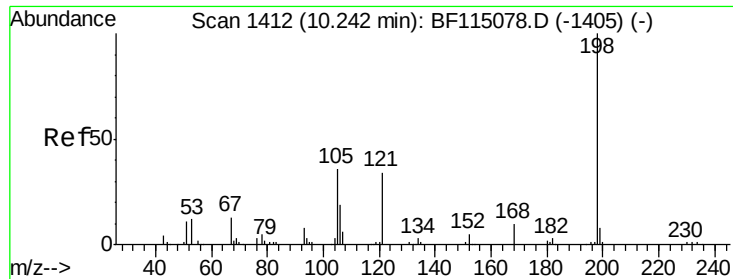
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.6	12.8
80	9.6	8.8	13.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.424 ng

RT: 10.22 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

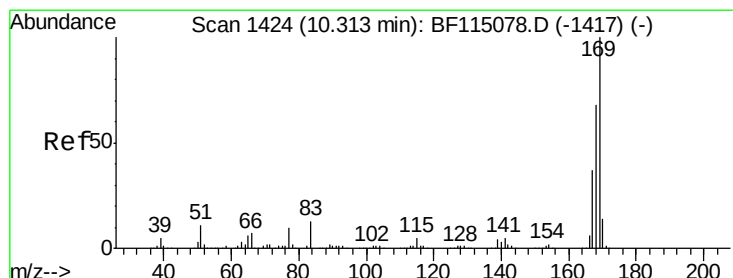
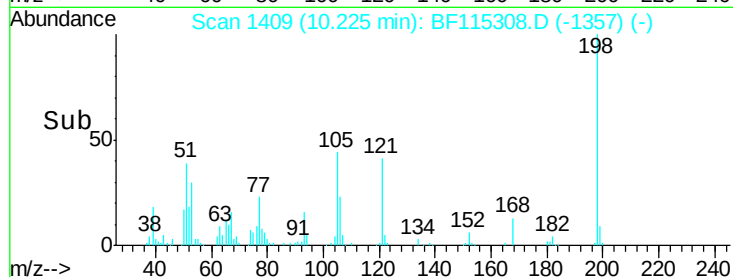
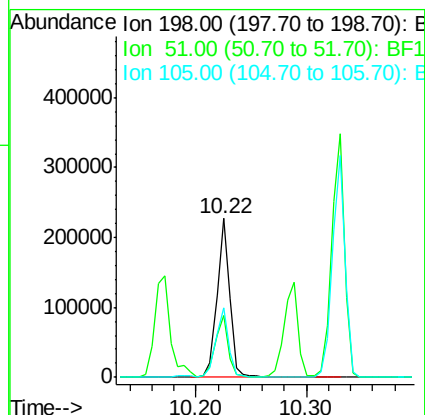
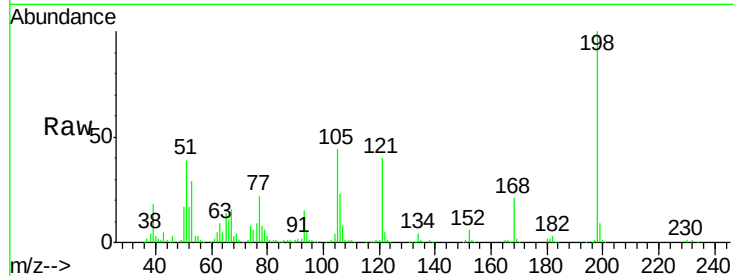
ClientSampleId :

SSTDCCC040

Tgt Ion:	198	Resp:	180441
Ion Ratio	Lower	Upper	
198	100		
51	38.7	11.0	51.0
105	43.5	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 38.742 ng

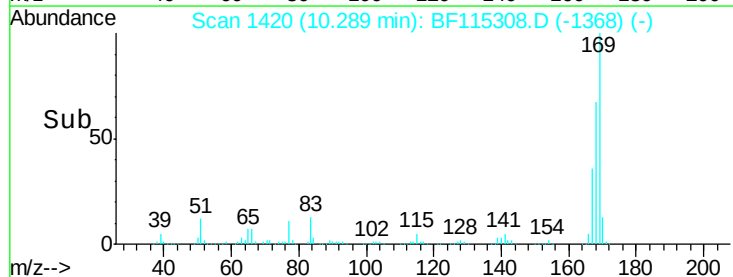
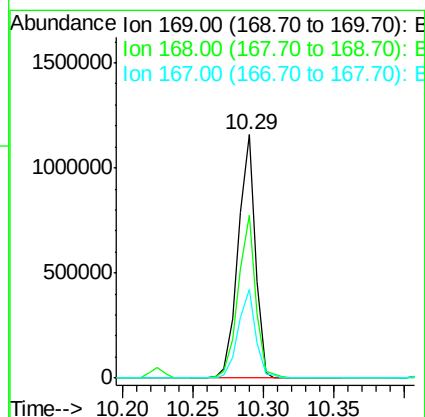
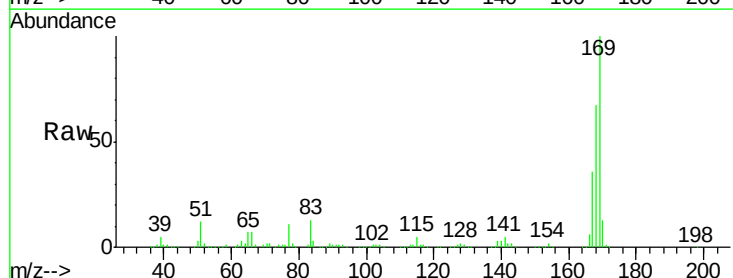
RT: 10.29 min Scan# 1420

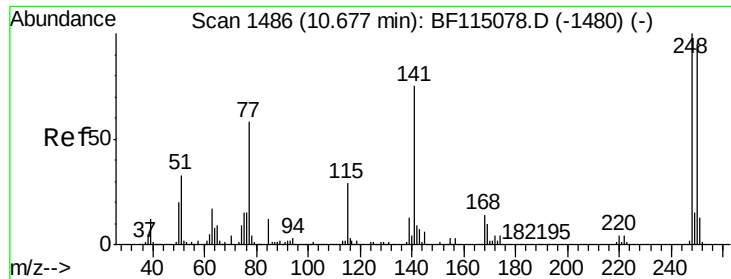
Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Tgt Ion:	169	Resp:	979678
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.2	81.4
167	36.3	29.4	44.0





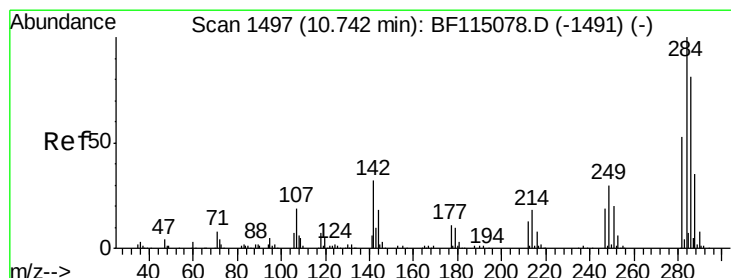
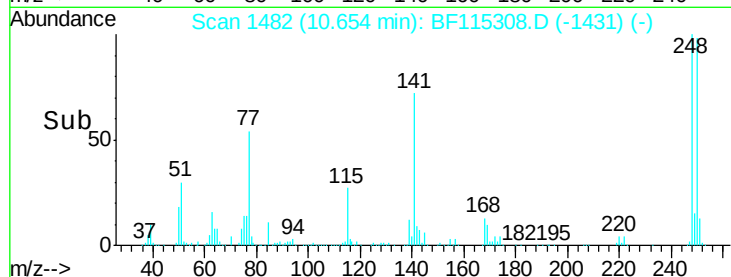
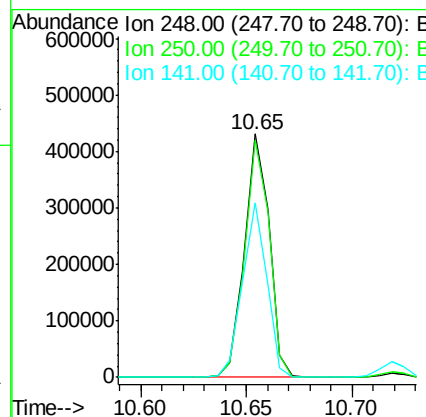
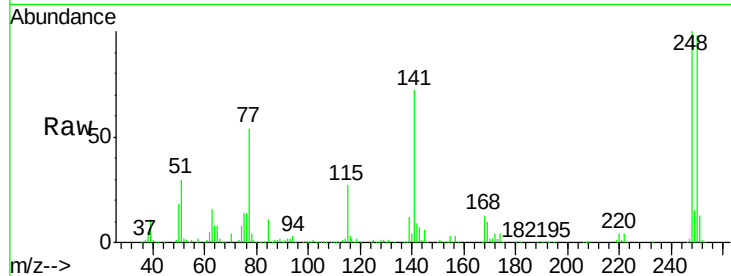
#67
 4-Bromophenyl-phenylether
 Concen: 39.549 ng
 RT: 10.65 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.2
141	71.8	59.6	89.4

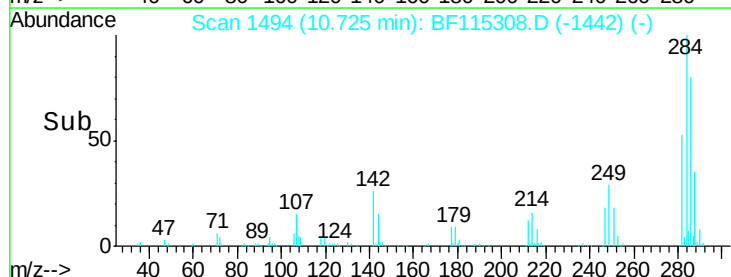
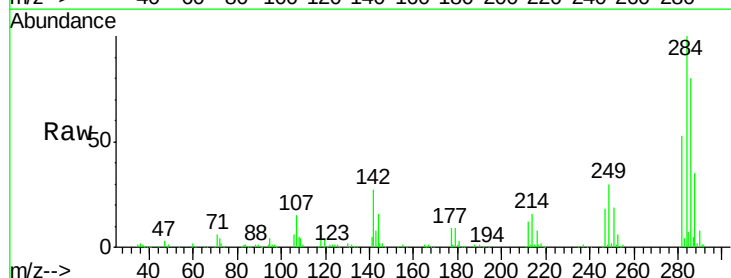
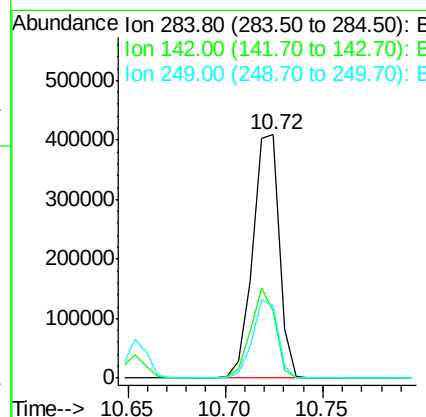
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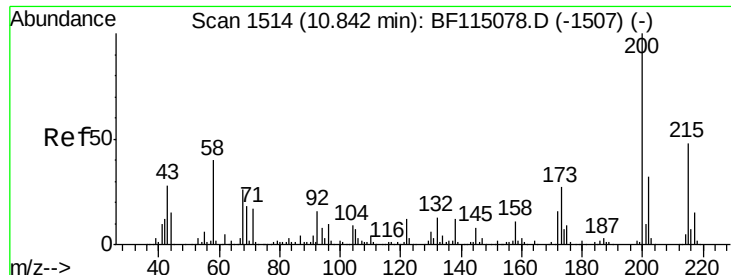
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#68
 Hexachlorobenzene
 Concen: 40.418 ng
 RT: 10.72 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	25.8	38.8
249	29.6	24.2	36.4





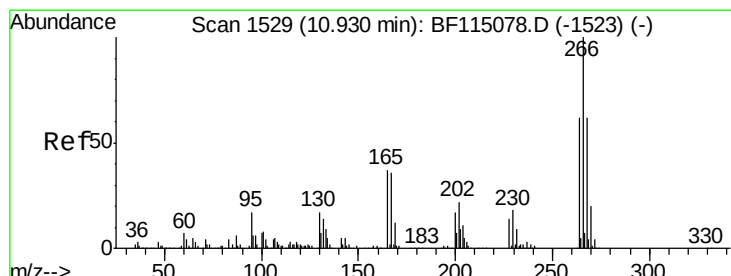
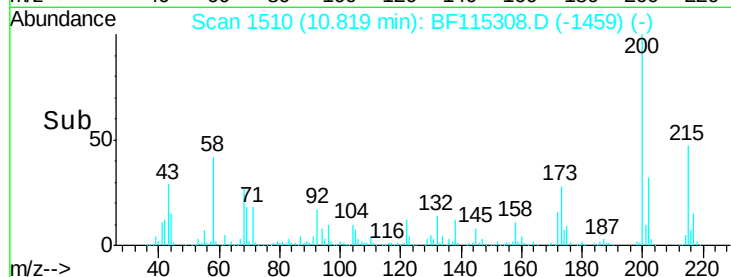
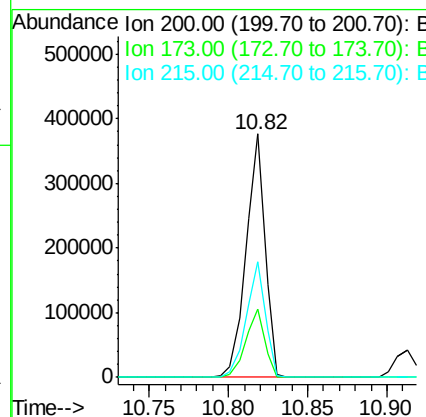
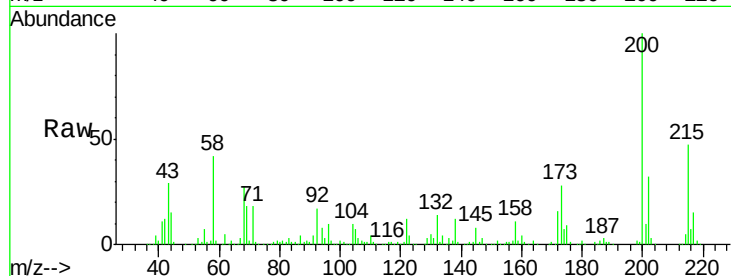
#69
 Atrazine
 Concen: 38.576 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	313788		
173	28.2	7.4	47.4	
215	47.5	27.8	67.8	

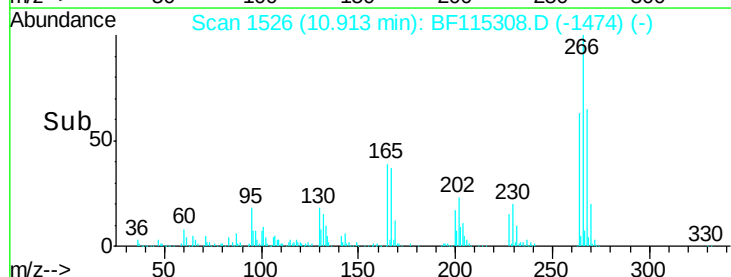
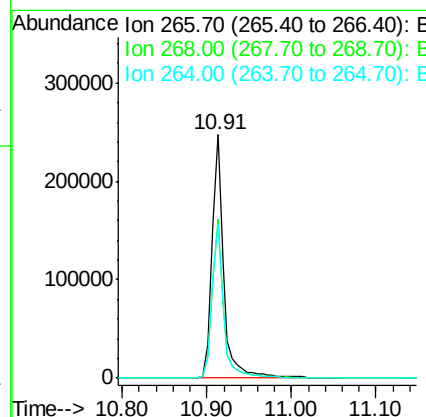
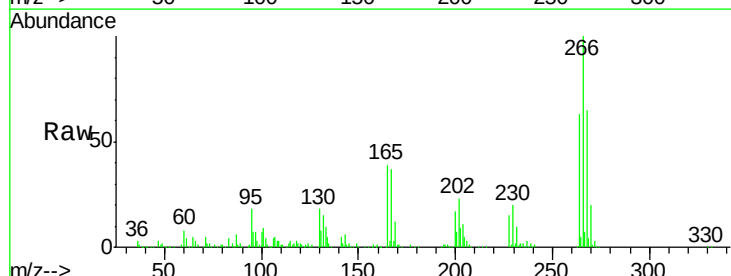
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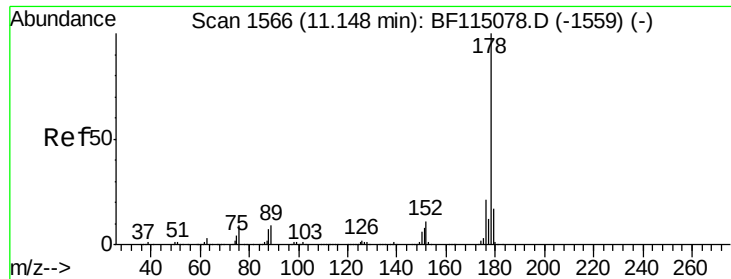
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#70
 Pentachlorophenol
 Concen: 39.487 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	240289		
268	65.2	49.5	74.3	
264	63.3	49.3	73.9	





#71

Phenanthrene

Concen: 37.805 ng

RT: 11.12 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1652125

Ion Ratio Lower Upper

178 100

176 20.8 16.9 25.3

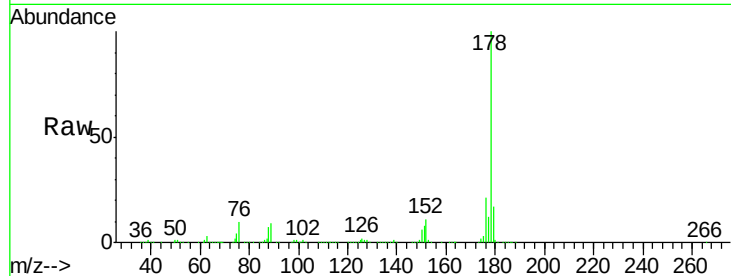
179 16.5 13.2 19.8

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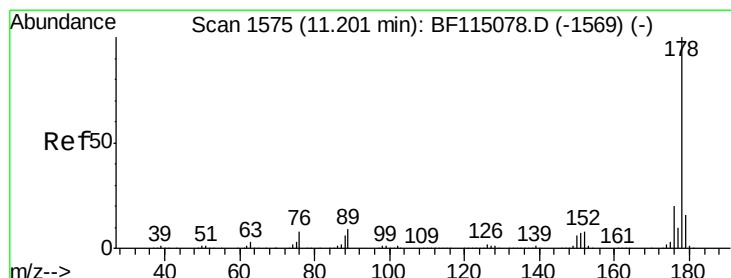
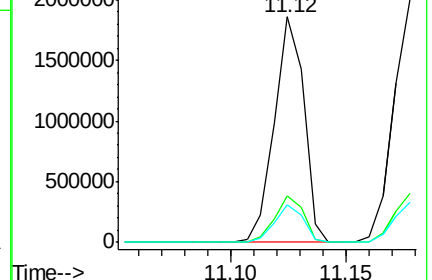
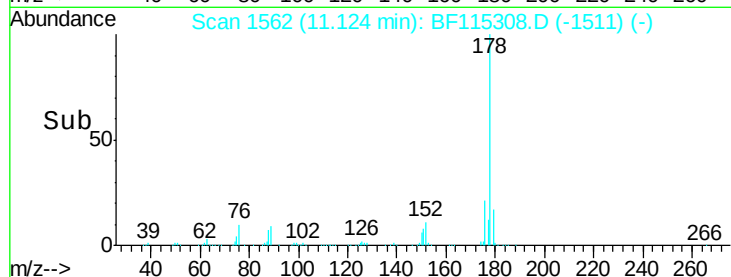
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.921 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

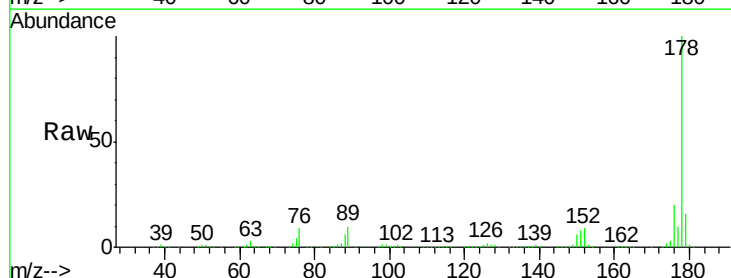
Tgt Ion:178 Resp: 1672802

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

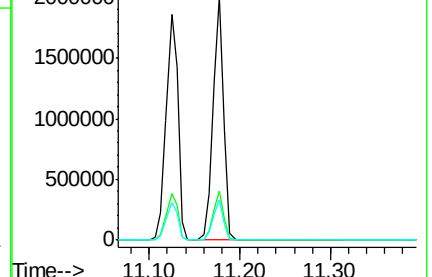
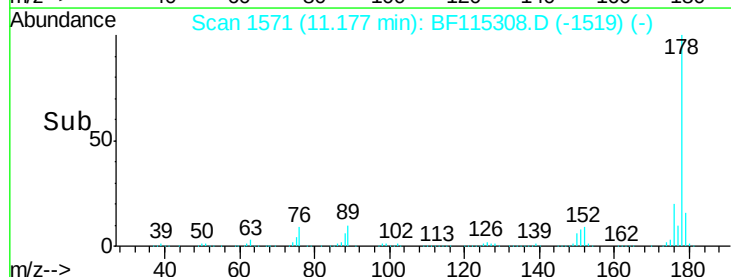
179 16.3 12.9 19.3

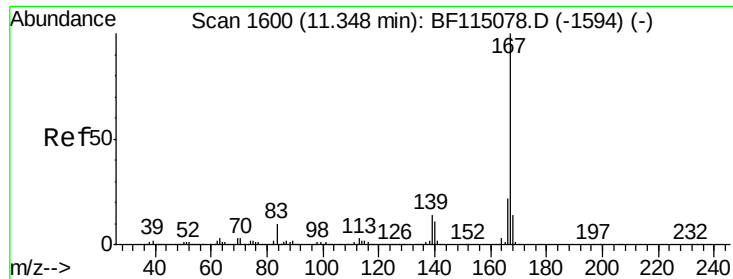


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





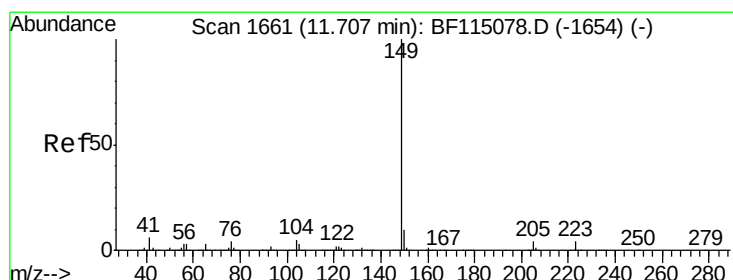
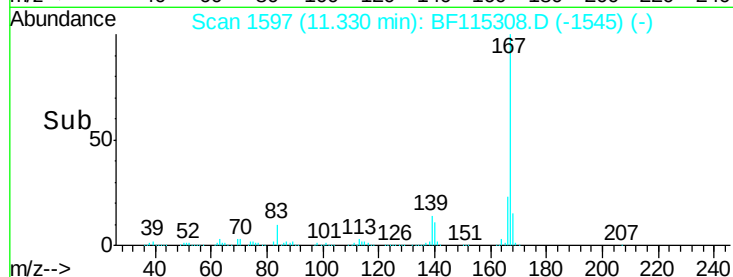
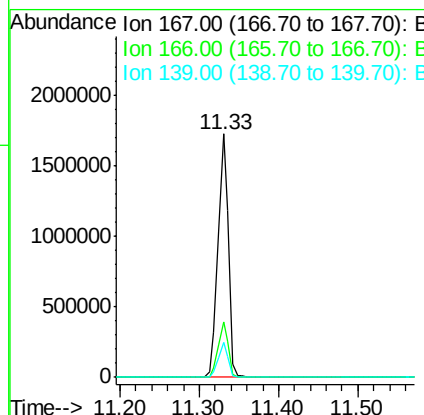
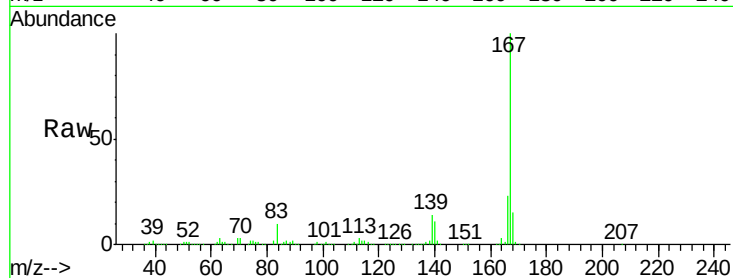
#73
 Carbazole
 Concen: 39.984 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1575006
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.2 11.1 16.7

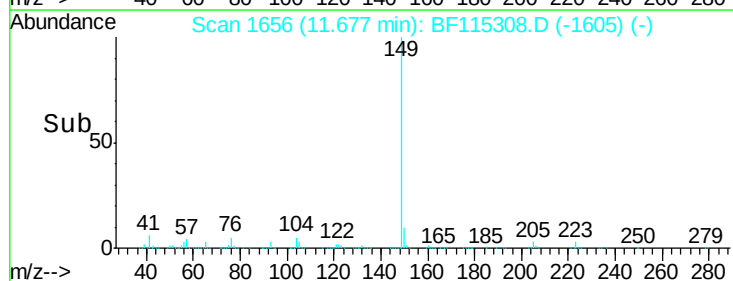
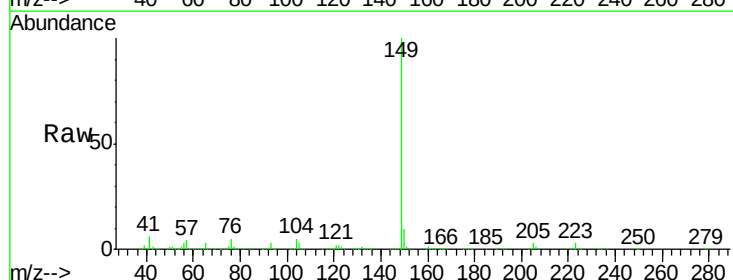
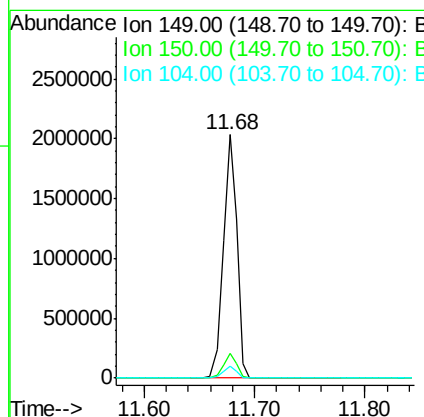
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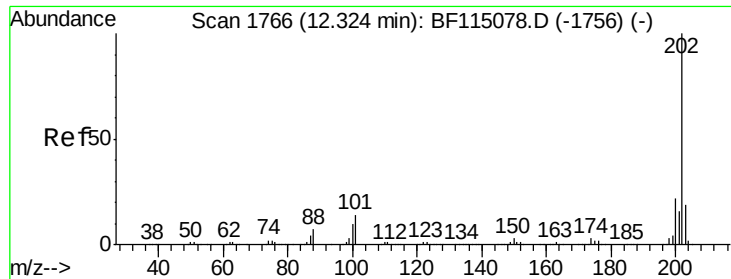
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#74
 Di-n-butylphthalate
 Concen: 38.092 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion:149 Resp: 1733916
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.7 3.7 5.5





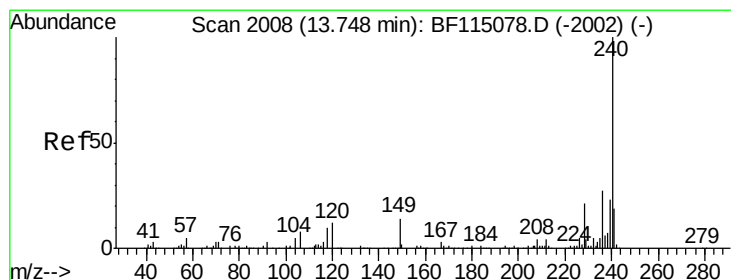
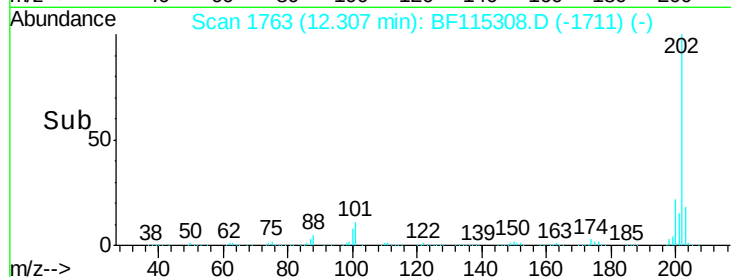
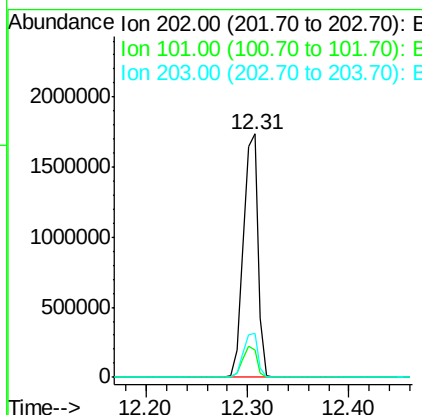
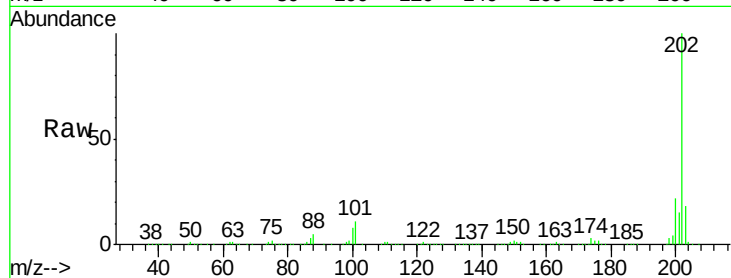
#75
 Fluoranthene
 Concen: 39.695 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.0
203	18.3	0.0	38.8

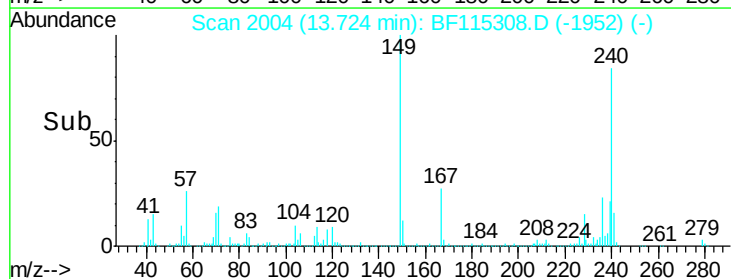
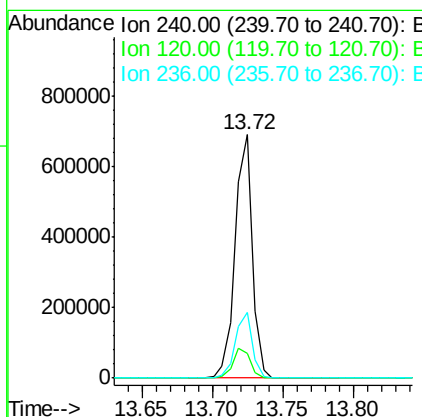
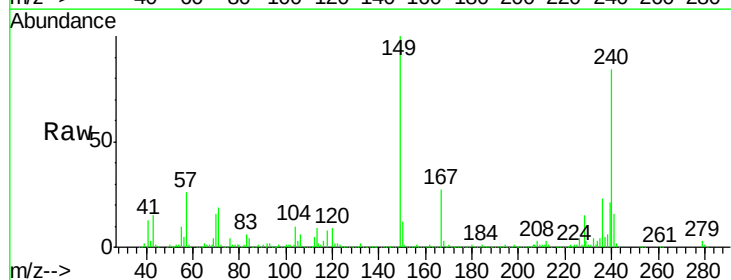
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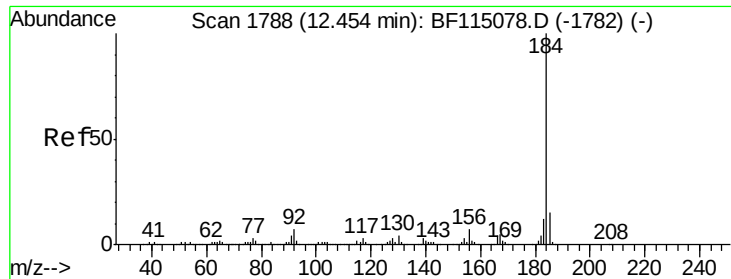
mohammad
 7/1/2019 5:58:41 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115308.D
 Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.4	14.2
236	27.1	21.7	32.5





#77

Benzidine

Concen: 37.704 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

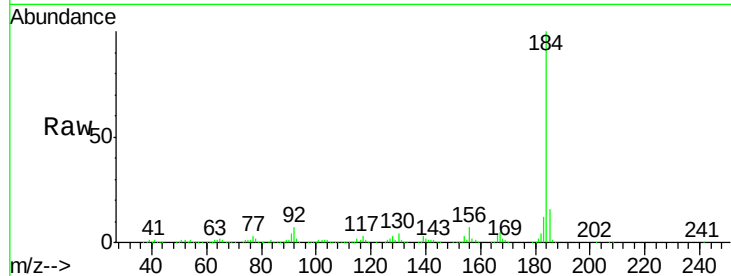
ClientSampleId :

SSTDCCC040

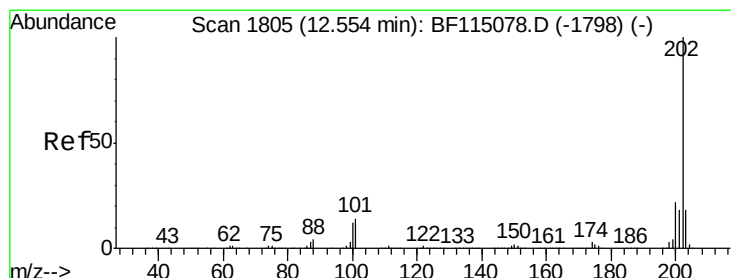
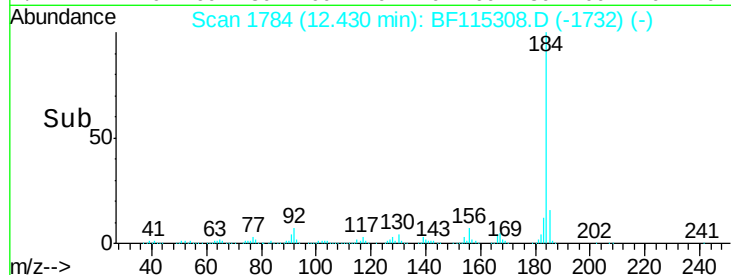
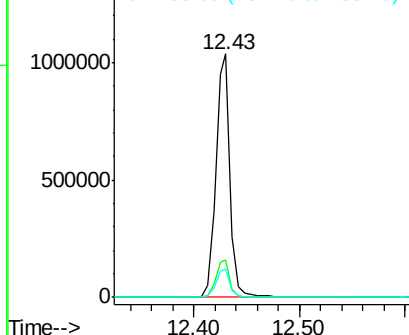
Tgt Ion:	184	Resp:	983097
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	11.8	9.6	14.4

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



#78

Pyrene

Concen: 38.667 ng

RT: 12.53 min Scan# 1801

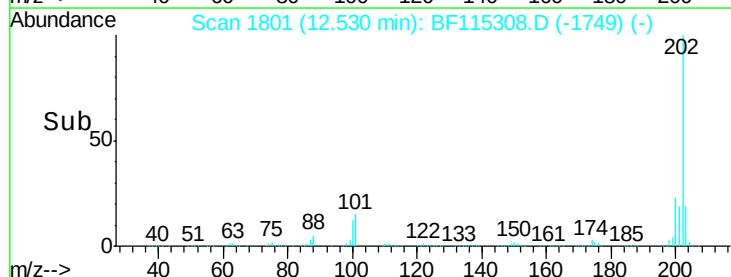
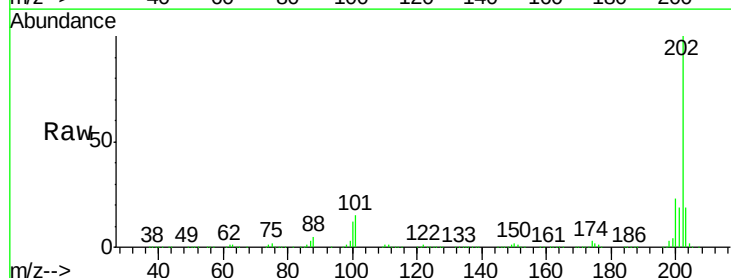
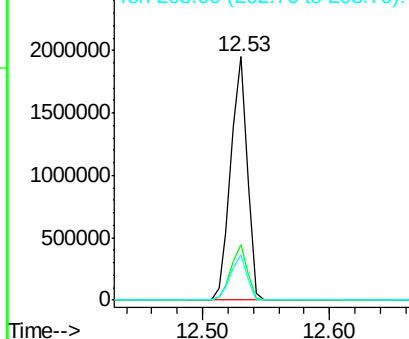
Delta R.T. 0.01 min

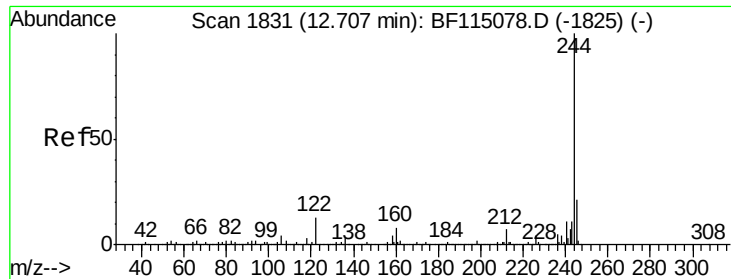
Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Tgt Ion:	202	Resp:	1744921
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.9	26.9
203	18.6	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





#79

Terphenyl-d14

Concen: 79.844 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 2205159

Ion Ratio Lower Upper

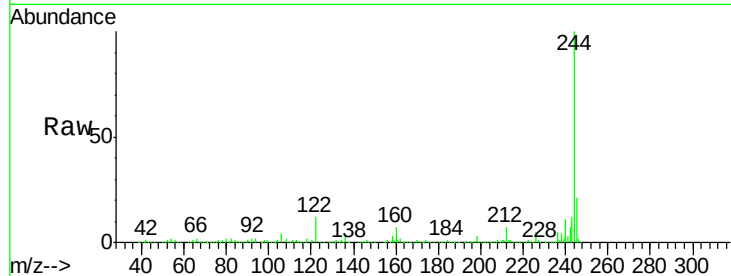
244 100

212 7.0 5.8 8.6

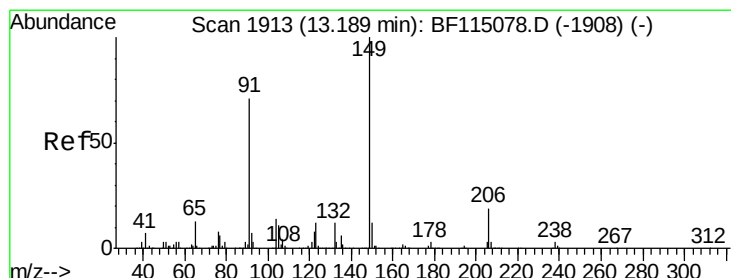
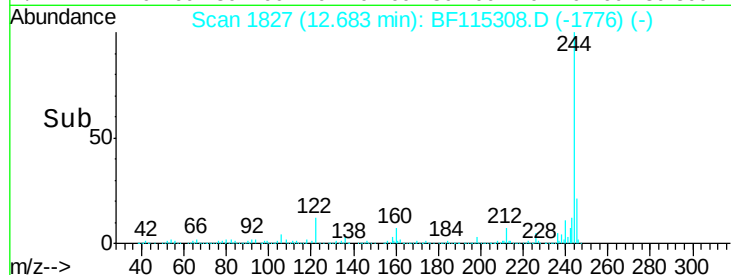
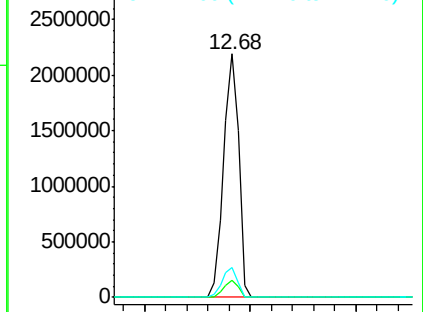
122 12.3 10.4 15.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.980 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

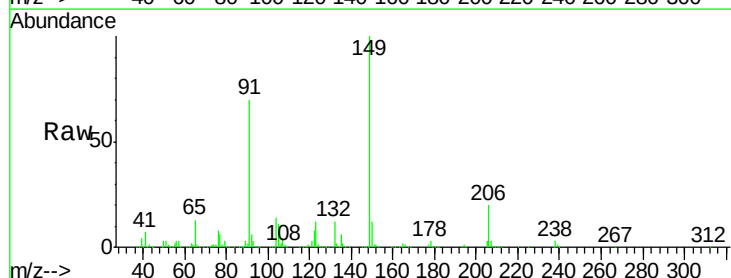
Tgt Ion:149 Resp: 776282

Ion Ratio Lower Upper

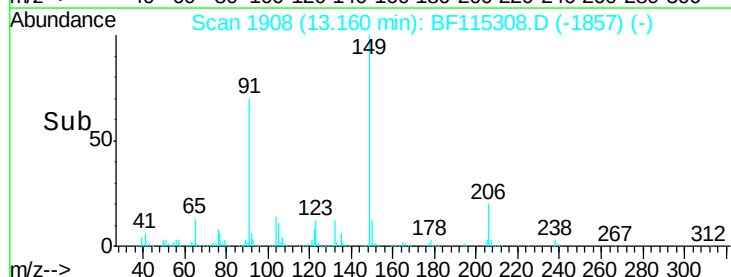
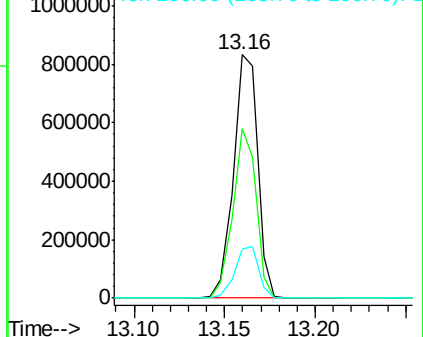
149 100

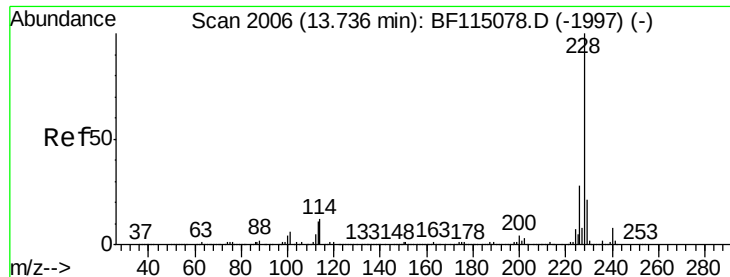
91 69.8 56.5 84.7

206 19.9 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





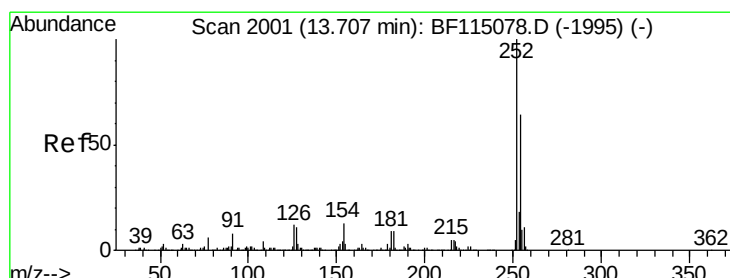
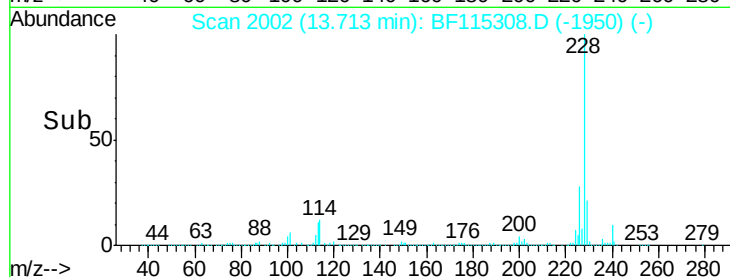
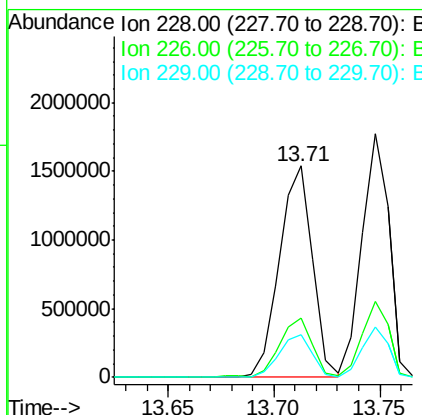
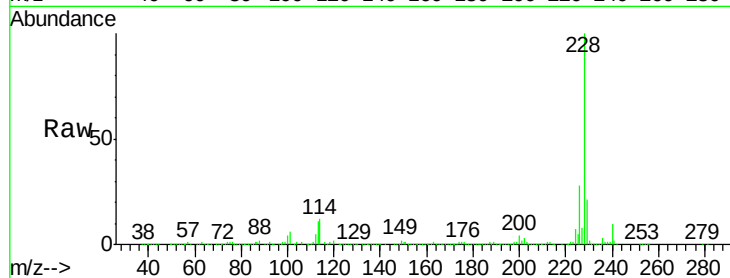
#81
Benzo(a)anthracene
Concen: 39.751 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.5	16.6	24.8

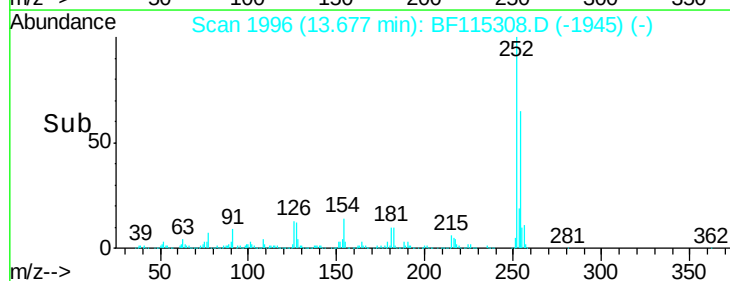
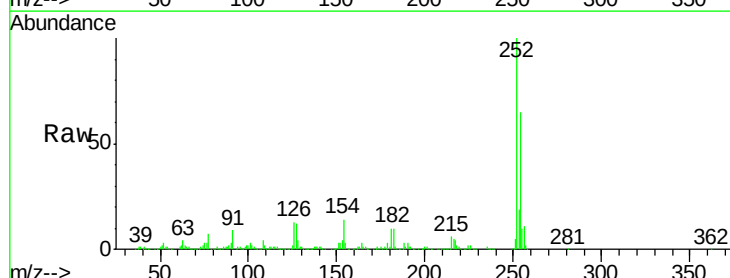
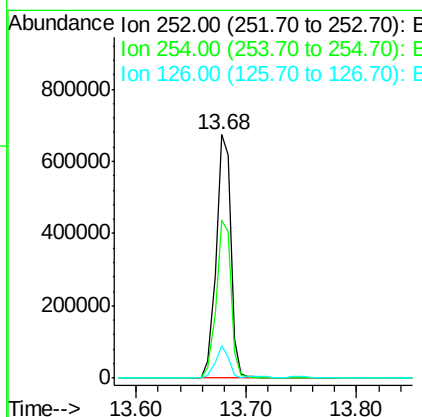
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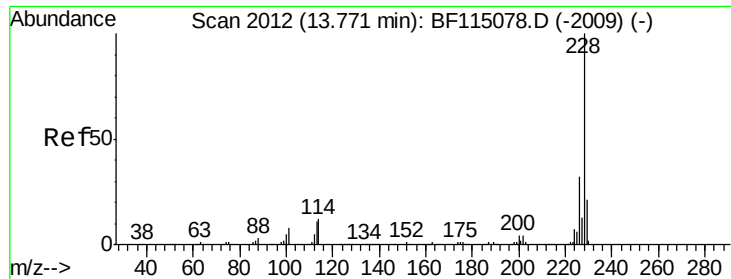
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 40.993 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	13.5	9.4	14.0





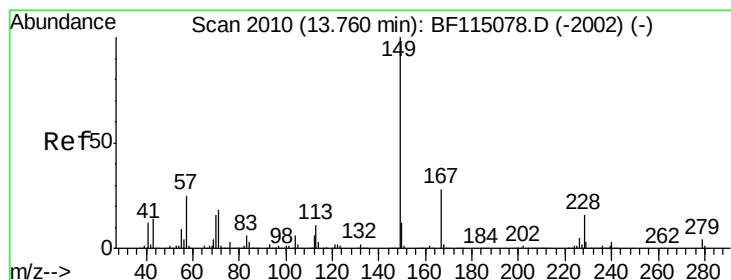
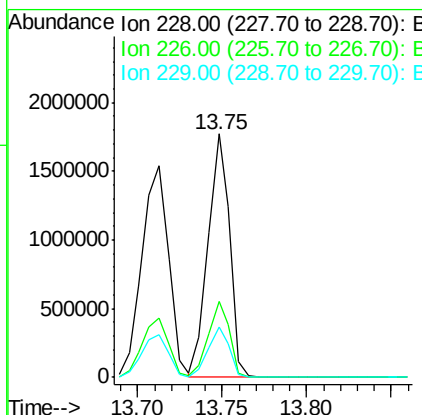
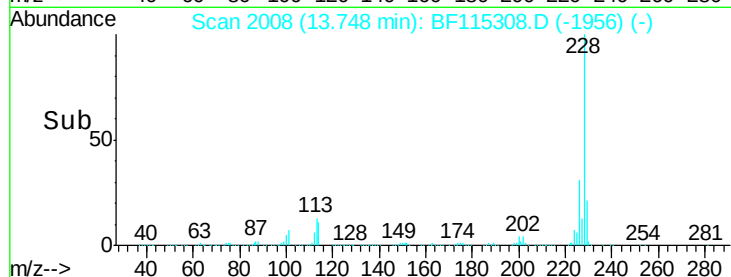
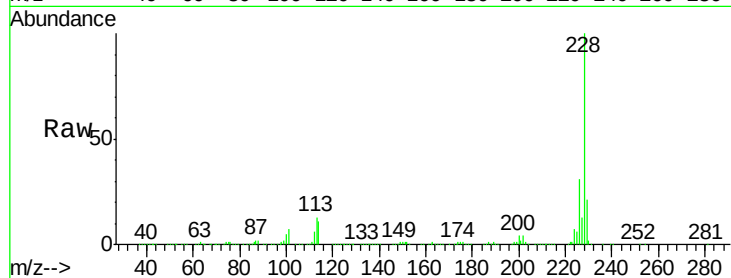
#83
Chrysene
Concen: 41.098 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1586201
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.0
229 20.6 16.5 24.7

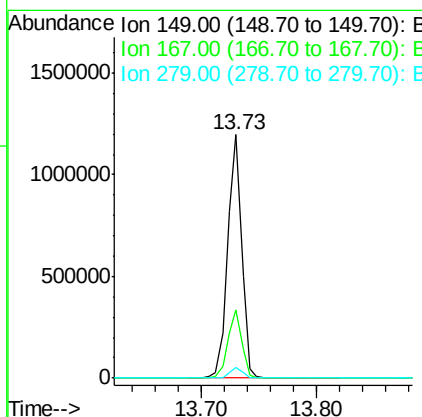
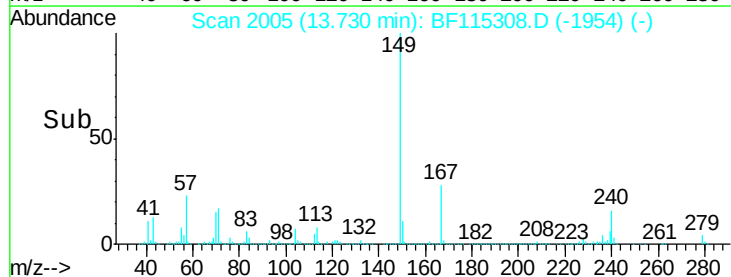
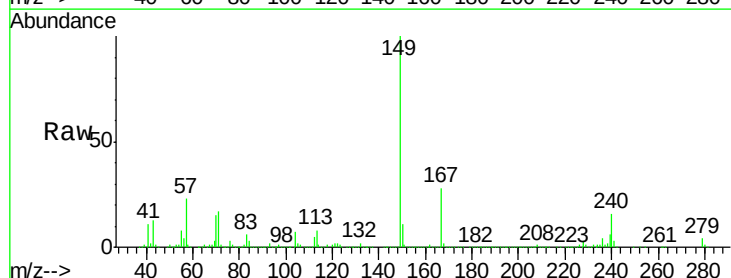
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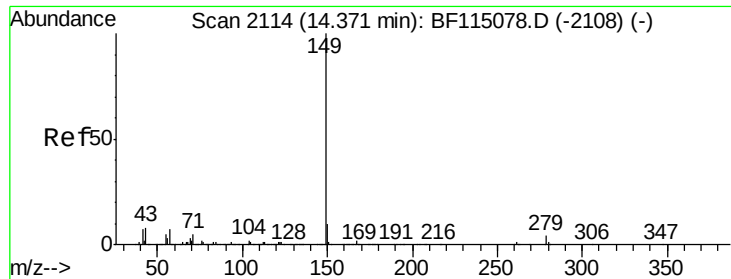
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.409 ng
RT: 13.73 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion:149 Resp: 1002278
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 40.081 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1757327

Ion Ratio Lower Upper

149 100

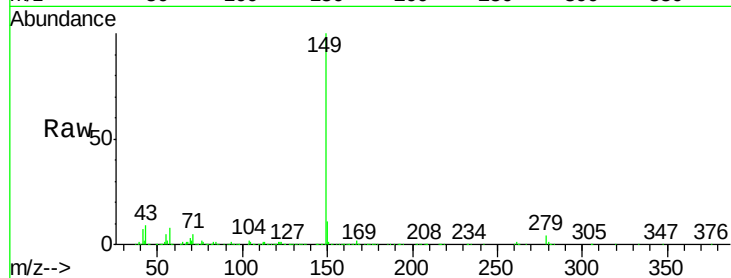
167 1.6 1.2 1.8

43 8.4 7.0 10.6

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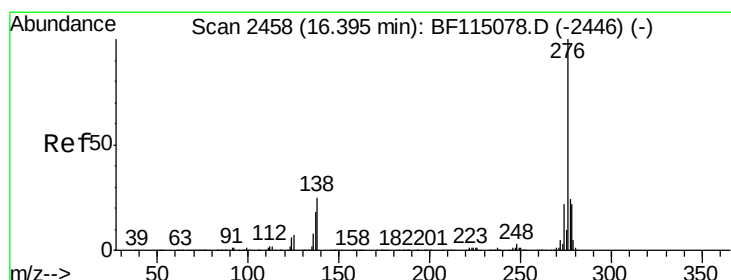
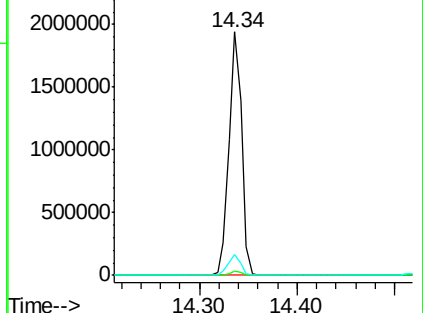
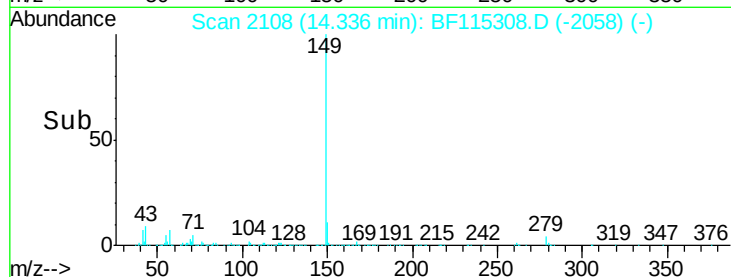
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.963 ng

RT: 16.36 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF115308.D

Acq: 29 Jun 2019 8:21

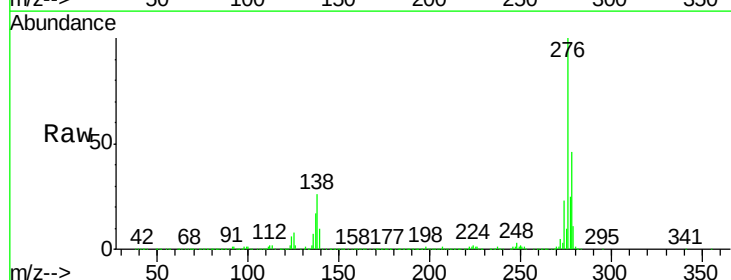
Tgt Ion:276 Resp: 1916461

Ion Ratio Lower Upper

276 100

138 27.9 23.2 34.8

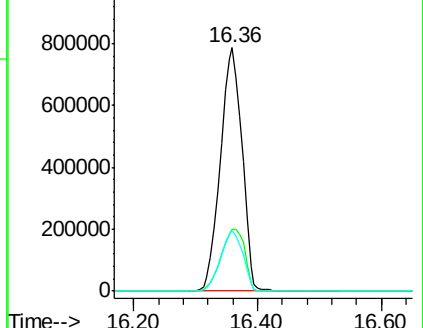
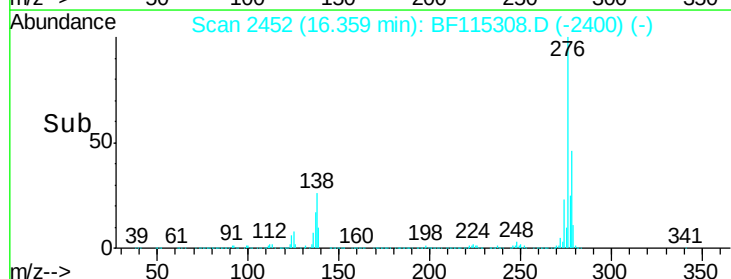
277 25.6 20.1 30.1

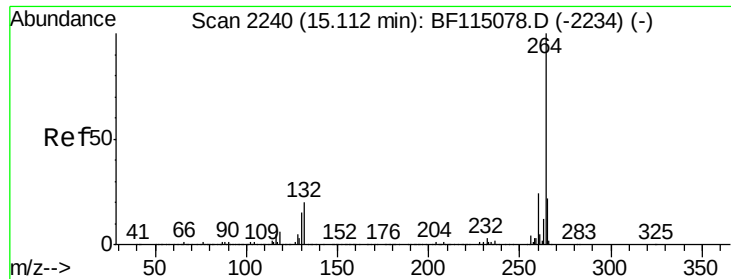


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





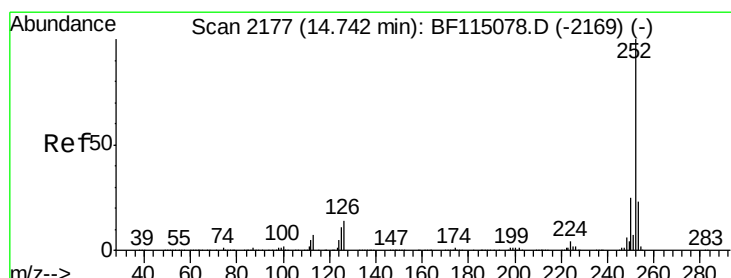
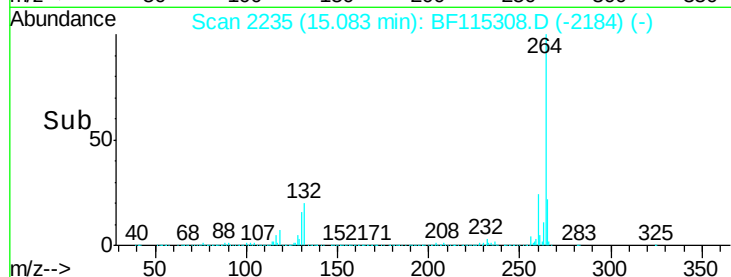
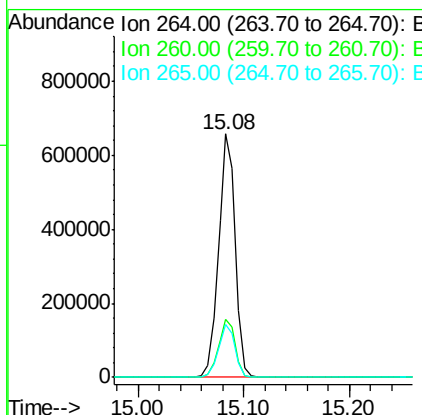
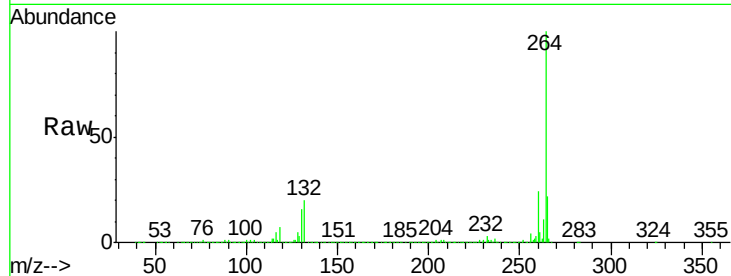
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.7	17.3	25.9

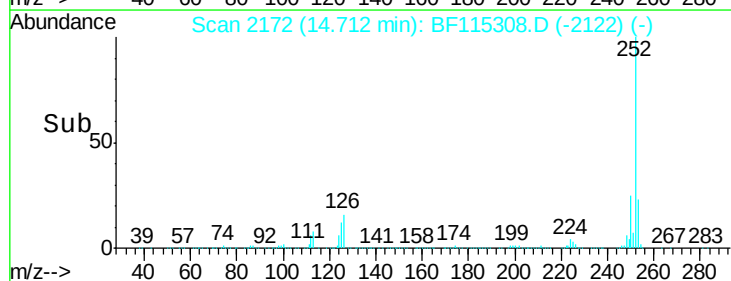
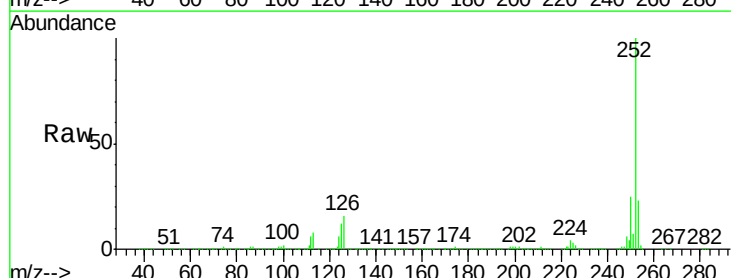
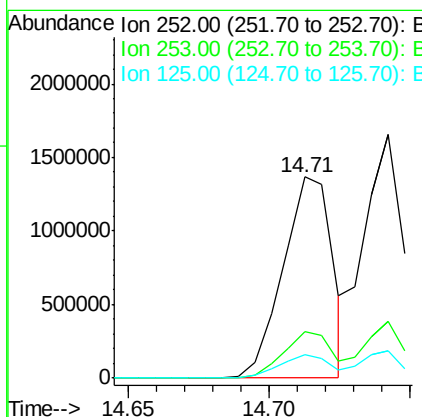
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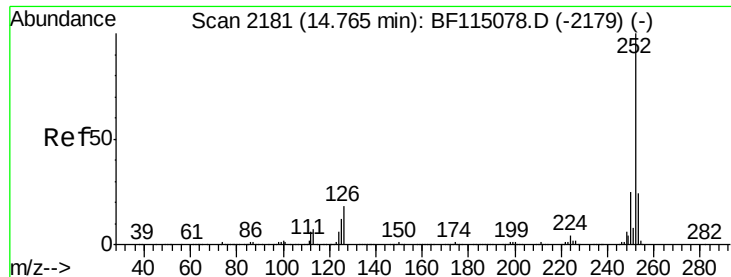
mohammad
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#88
Benzo(b)fluoranthene
Concen: 36.363 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.8	8.7	13.1





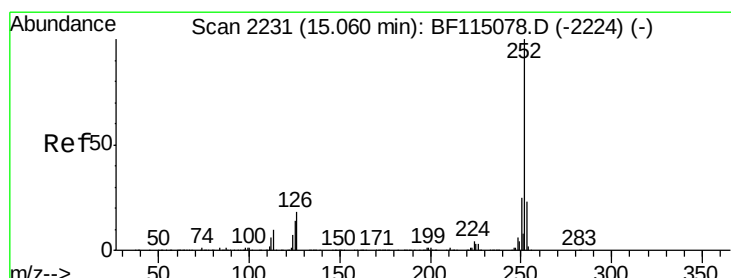
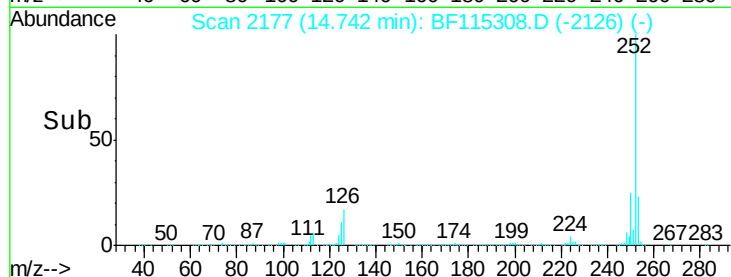
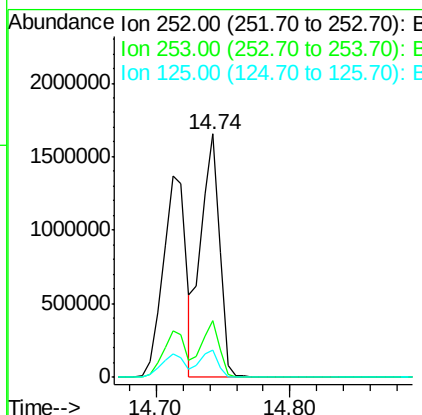
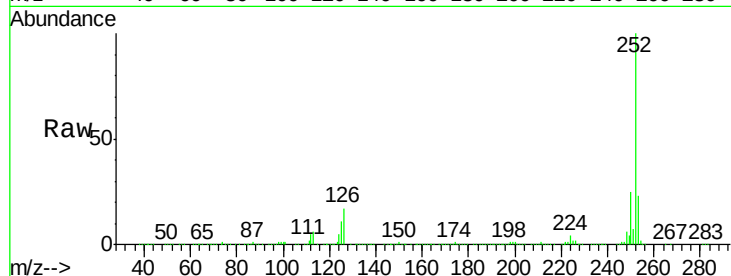
#89
Benzo(k)fluoranthene
Concen: 38.790 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	11.4	10.2	15.2

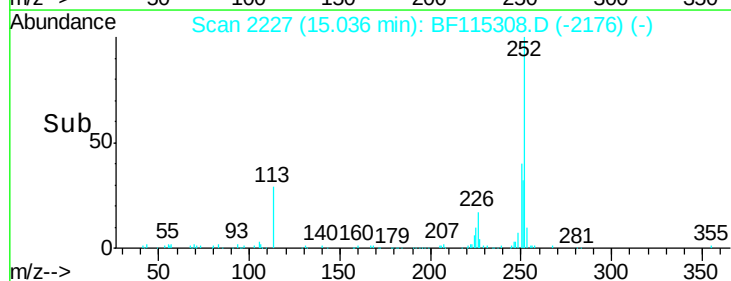
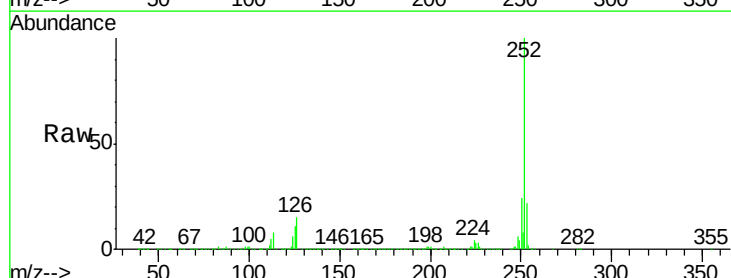
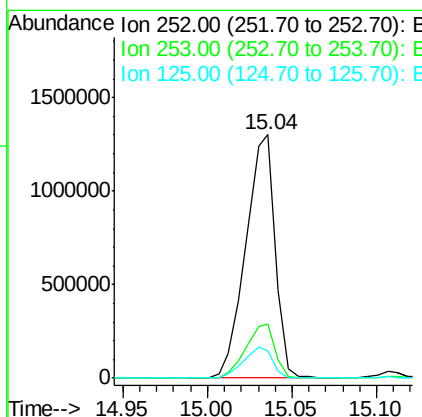
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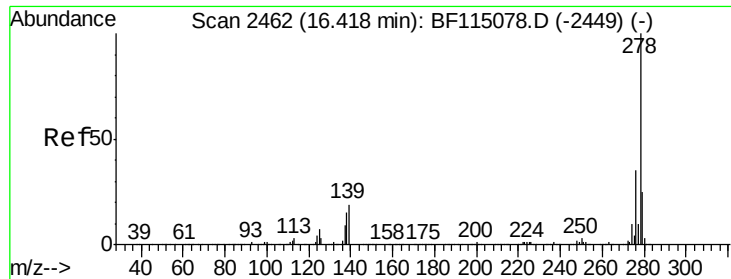
mohammad
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#90
Benzo(a)pyrene
Concen: 38.546 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	11.2	10.9	16.3





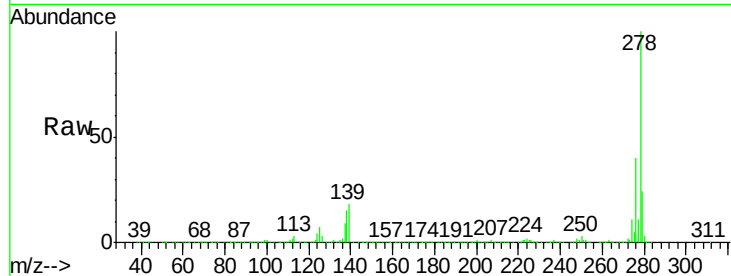
#91
Dibenzo(a,h)anthracene
Concen: 40.335 ng
RT: 16.38 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

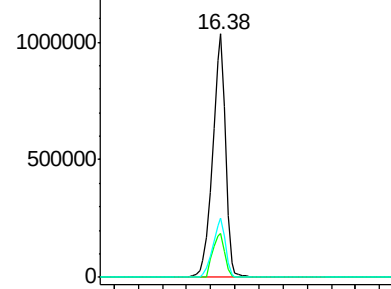
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.4	23.2
279	24.3	19.9	29.9

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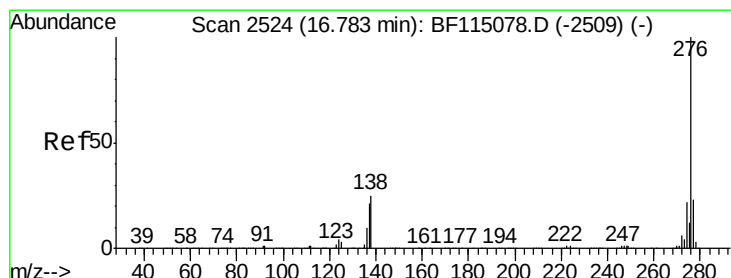
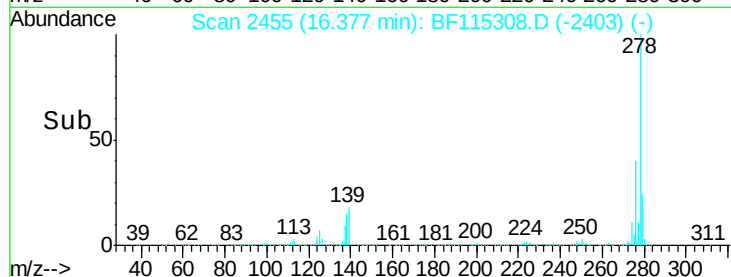
mohammad
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



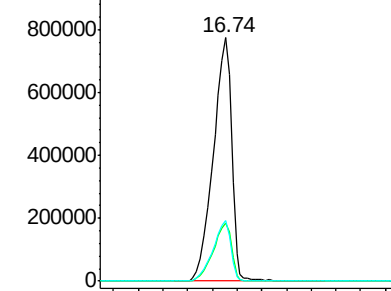
Time-->



#92
Benzo(g,h,i)perylene
Concen: 41.207 ng
RT: 16.74 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF115308.D
Acq: 29 Jun 2019 8:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	24.7	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



Time-->

