

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115233.D
 Acq On : 27 Jun 2019 13:50
 Operator : HP/JU
 Sample : PB120902BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Manual Integrations
 APPROVED

mohammad
 6/28/2019 2:58:13 PM

Quant Time: Jun 28 05:23:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	247365	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	946287	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	459707	20.00	ng	-0.02
64) Phenanthrene-d10	11.10	188	884891	20.00	ng	-0.02
76) Chrysene-d12	13.71	240	633495	20.00	ng	-0.04
87) Perylene-d12	15.07	264	772443	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1863446	116.25	ng	0.00
7) Phenol-d6	6.24	99	2269796	116.66	ng	-0.01
23) Nitrobenzene-d5	7.16	82	1419284	92.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.41	330	652494	134.60	ng	-0.02
45) 2-Fluorobiphenyl	8.96	172	2582760	95.43	ng	-0.02
79) Terphenyl-d14	12.68	244	2769548	92.95	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	248154	32.802	ng	99
3) Pyridine	2.86	79	710982	33.344	ng	98
4) n-Nitrosodimethylamine	2.81	42	307465	36.783	ng	96
6) Aniline	6.26	93	674757	25.234	ng	# 19
8) 2-Chlorophenol	6.38	128	756832	41.989	ng	100
9) Benzaldehyde	6.14	77	147159	11.593	ng	94
10) Phenol	6.26	94	864967	37.953	ng	93
11) bis(2-Chloroethyl)ether	6.34	93	688254	40.968	ng	100
12) 1,3-Dichlorobenzene	6.54	146	815385	40.761	ng	98
13) 1,4-Dichlorobenzene	6.61	146	832100	41.482	ng	98
14) 1,2-Dichlorobenzene	6.77	146	770698	41.488	ng	97
15) Benzyl Alcohol	6.75	79	567350	40.046	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	986730	40.496	ng	98
17) 2-Methylphenol	6.87	107	610779	41.053	ng	98
18) Hexachloroethane	7.11	117	293265	40.552	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	488640	39.229	ng	99
20) 3+4-Methylphenols	7.02	107	725546	42.234	ng	# 84
22) Acetophenone	7.01	105	1001144	46.213	ng	# 98
24) Nitrobenzene	7.18	77	759305	44.804	ng	98
25) Isophorone	7.42	82	1400750	44.451	ng	100
26) 2-Nitrophenol	7.50	139	426122	50.916	ng	98
27) 2,4-Dimethylphenol	7.55	122	697096	50.872	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	884628	44.415	ng	99
29) 2,4-Dichlorophenol	7.74	162	659318	46.624	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	724484	46.382	ng	100
31) Naphthalene	7.90	128	2126623	45.782	ng	100
32) Benzoic acid	7.68	122	544531	55.671	ng	99
33) 4-Chloroaniline	7.95	127	340820	16.054	ng	99
34) Hexachlorobutadiene	8.03	225	398768	46.586	ng	98
35) Caprolactam	8.32	113	211025m	44.385	ng	
36) 4-Chloro-3-methylphenol	8.44	107	653814	45.654	ng	97
37) 2-Methylnaphthalene	8.59	142	1454662	46.446	ng	99
38) 1-Methylnaphthalene	8.69	142	1380733	46.159	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	605576	46.617	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	805748	104.603	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	476173	47.479	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	510487	49.427	ng	99
46) 1,1'-Biphenyl	9.05	154	1699435	46.202	ng	99
47) 2-Chloronaphthalene	9.08	162	1357631	45.502	ng	99
48) 2-Nitroaniline	9.17	65	385558	44.324	ng	89
49) Acenaphthylene	9.49	152	2089033	44.938	ng	99
50) Dimethylphthalate	9.37	163	1560500	46.139	ng	99
51) 2,6-Dinitrotoluene	9.41	165	371987	47.640	ng	99
52) Acenaphthene	9.66	154	1299586	44.676	ng	99
53) 3-Nitroaniline	9.58	138	245505	25.765	ng	95
54) 2,4-Dinitrophenol	9.68	184	428081	104.106	ng	93
55) Dibenzofuran	9.83	168	1859973	44.550	ng	98
56) 4-Nitrophenol	9.75	139	670606	87.785	ng	97
57) 2,4-Dinitrotoluene	9.81	165	489406	48.541	ng	91
58) Fluorene	10.17	166	1288879	46.602	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	430079	49.661	ng	98
60) Diethylphthalate	10.06	149	1549247	45.569	ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	635082	48.625	ng	96
62) 4-Nitroaniline	10.19	138	402787	42.136	ng	98
63) Azobenzene	10.32	77	1420479	44.732	ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	250206	52.610	ng	88
66) n-Nitrosodiphenylamine	10.29	169	1288516	46.739	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	452599	47.175	ng	95
68) Hexachlorobenzene	10.71	284	490283	47.080	ng	94
69) Atrazine	10.82	200	421189	47.494	ng	100
70) Pentachlorophenol	10.91	266	603644	90.988	ng	97
71) Phenanthrene	11.12	178	2085808	43.779	ng	100
72) Anthracene	11.17	178	2170008	45.121	ng	98
73) Carbazole	11.32	167	1954868	45.520	ng	99
74) Di-n-butylphthalate	11.68	149	2326398	46.879	ng	99
75) Fluoranthene	12.30	202	2158995	45.418	ng	98
77) Benzidine	12.42	184	749150	26.632	ng	99
78) Pyrene	12.52	202	2206046	45.313	ng	98
80) Butylbenzylphthalate	13.16	149	1043307	48.560	ng	95
81) Benzo(a)anthracene	13.71	228	2069675	45.532	ng	100
82) 3,3'-Dichlorobenzidine	13.67	252	501862	30.574	ng	100
83) Chrysene	13.74	228	1901094	45.658	ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1411614	50.142	ng	100
85) Di-n-octyl phthalate	14.34	149	2408958	50.929	ng	99
86) Indeno(1,2,3-cd)pyrene	16.34	276	2510455	50.953	ng	99
88) Benzo(b)fluoranthene	14.71	252	2260276	46.895	ng	99
89) Benzo(k)fluoranthene	14.73	252	1892072	43.774	ng	99
90) Benzo(a)pyrene	15.02	252	2061865	47.463	ng	98
91) Dibenzo(a,h)anthracene	16.36	278	2044189	50.404	ng	99
92) Benzo(g,h,i)perylene	16.72	276	2140547	52.149	ng	98

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



#1

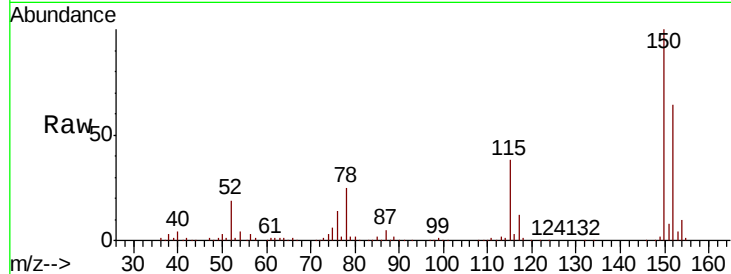
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	58.7	46.1	69.1

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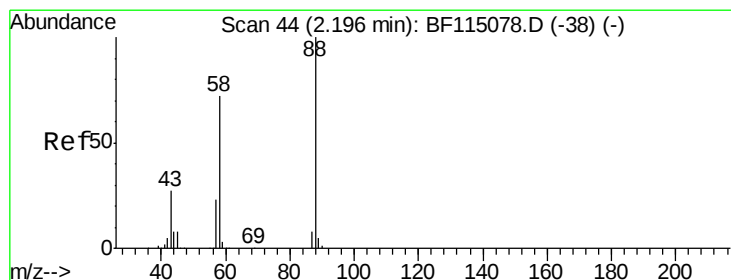
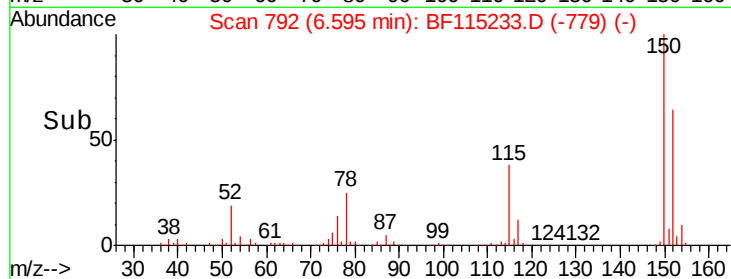
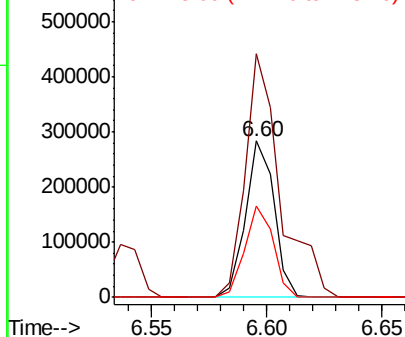


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

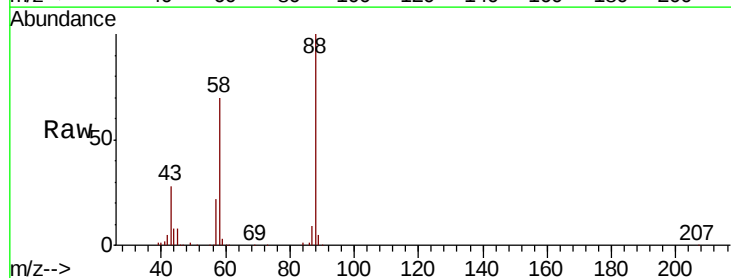
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.802 ng
RT: 2.21 min Scan# 47
Delta R.T. 0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	56.1	84.1
43	26.7	21.3	31.9

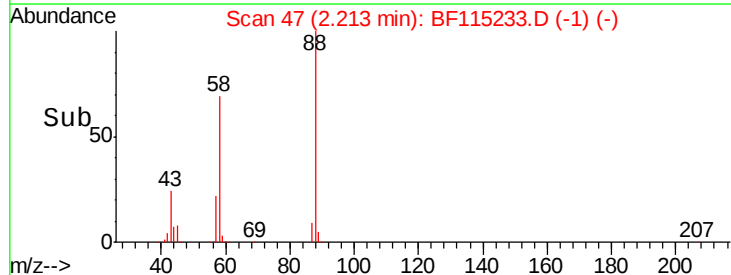
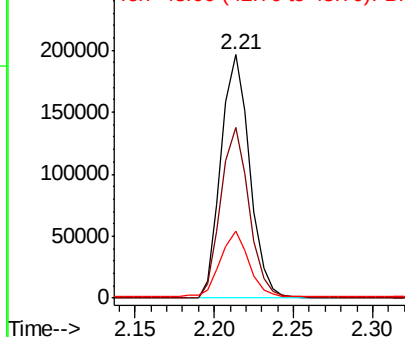


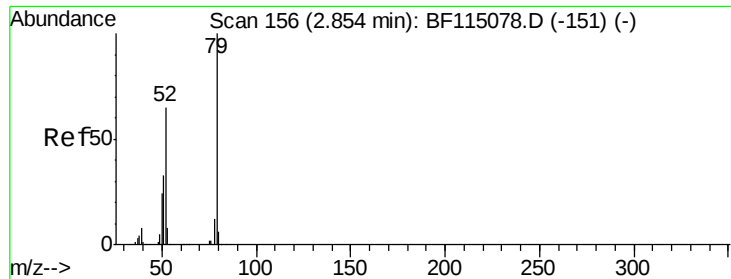
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.344 ng

RT: 2.86 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

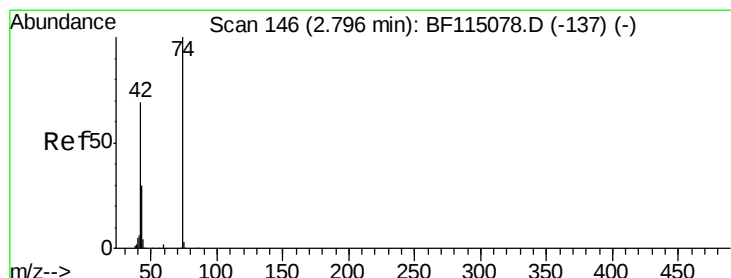
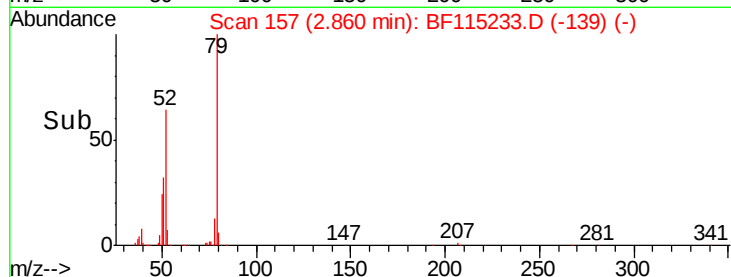
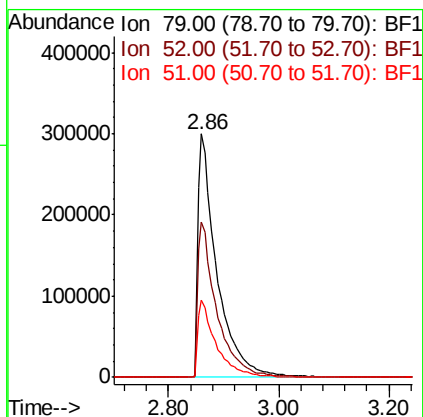
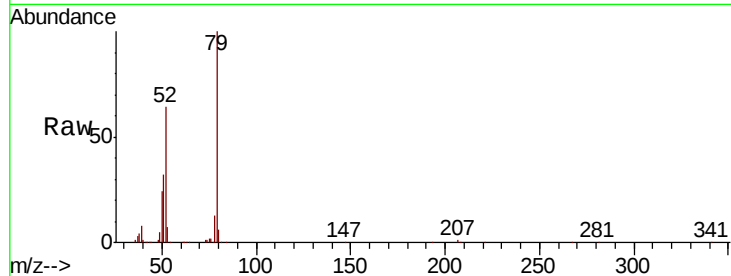
ClientSampleId :

PB120902BS

Tot Ion:	79	Resp:	710982
Ion Ratio	Lower	Upper	
79	100		
52	64.0	52.3	78.5
51	31.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 36.783 ng

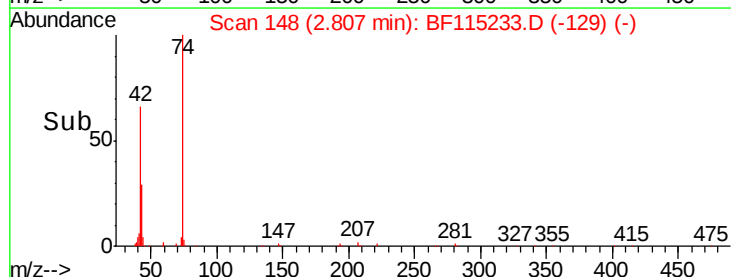
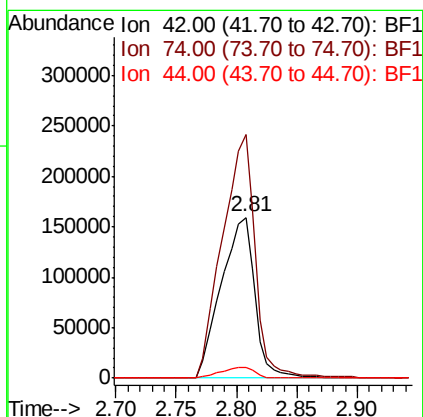
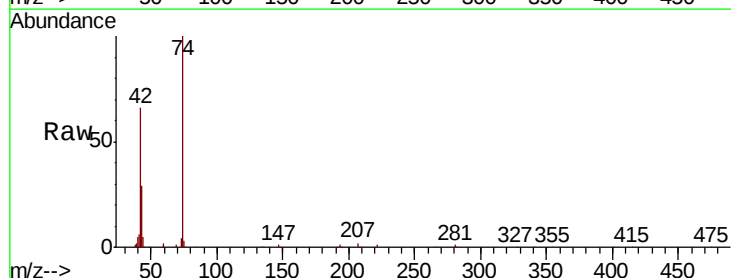
RT: 2.81 min Scan# 148

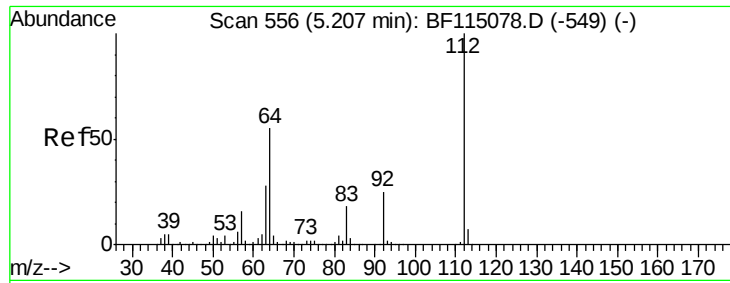
Delta R.T. 0.01 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion:	42	Resp:	307465
Ion Ratio	Lower	Upper	
42	100		
74	151.4	116.6	175.0
44	6.9	5.3	7.9





#5

2-Fluorophenol

Concen: 116.250 ng

RT: 5.20 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

Tot Ion: 112 Resp: 1863446

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.6

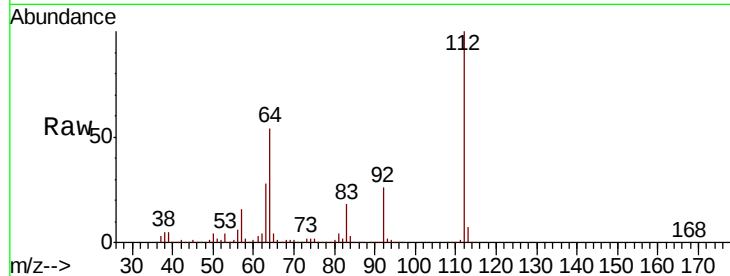
63 28.1 22.2 33.4

Manual Integrations

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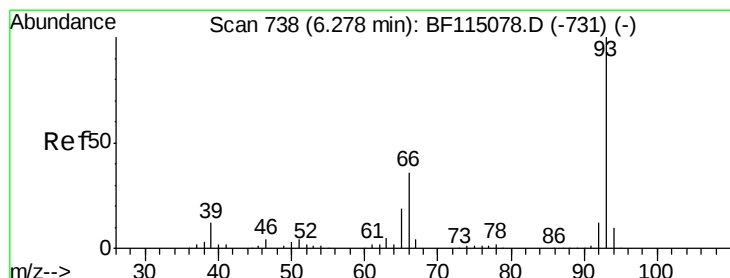
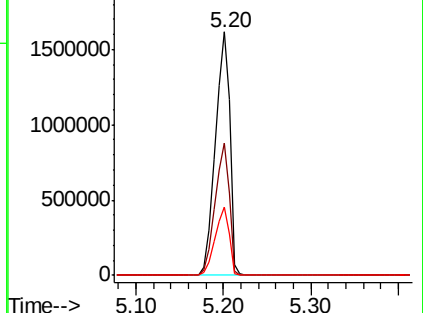
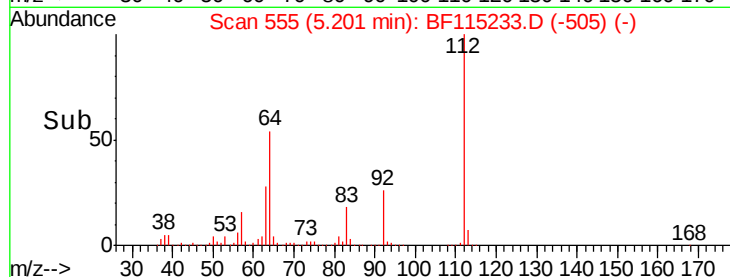
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.234 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

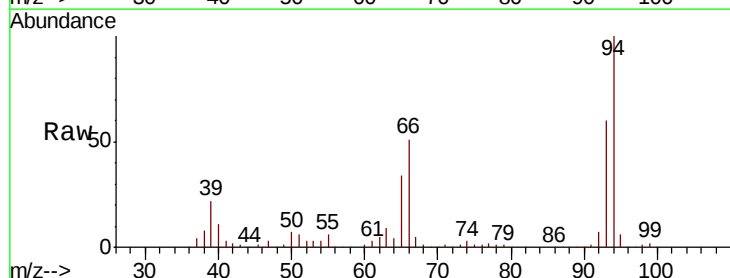
Tgt Ion: 93 Resp: 674757

Ion Ratio Lower Upper

93 100

66 85.4 30.0 45.0#

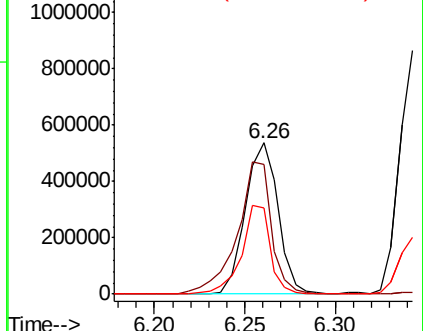
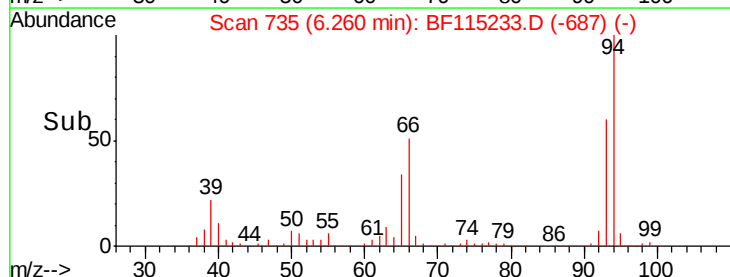
65 56.8 15.6 23.4#



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: 116.662 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

Tot Ion: 99 Resp: 2269796

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

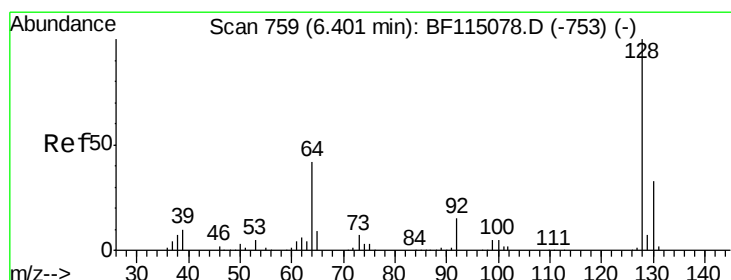
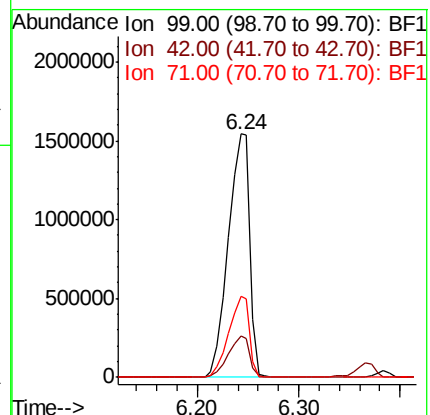
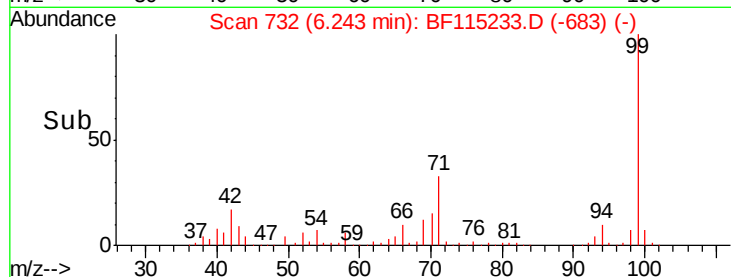
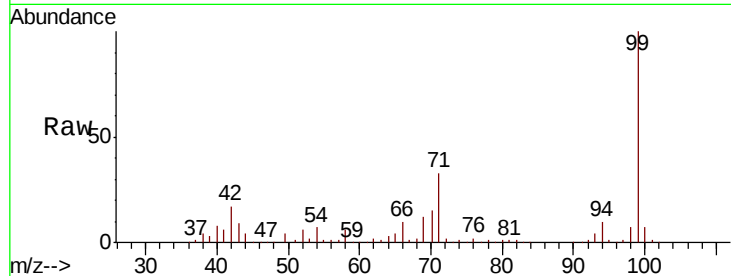
71 33.2 25.5 38.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.989 ng

RT: 6.38 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

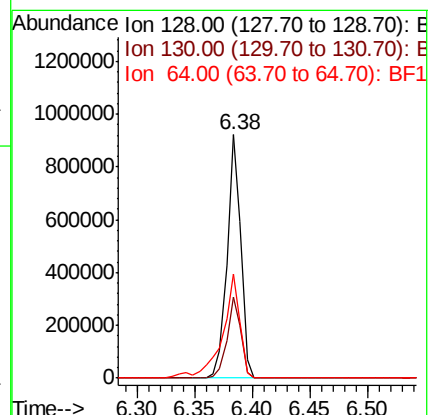
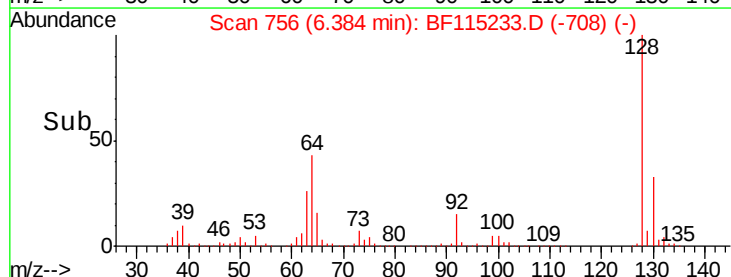
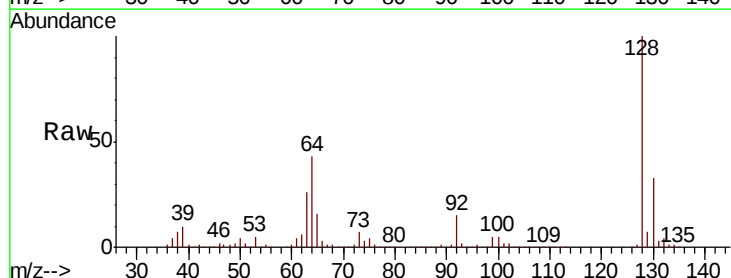
Tgt Ion: 128 Resp: 756832

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 42.9 22.9 62.9





#9

Benzaldehyde

Concen: 11.593 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

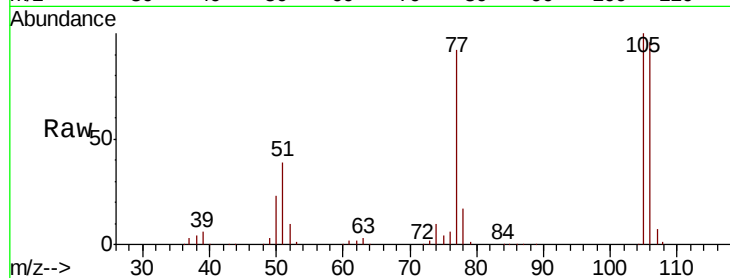
ClientSampleId :

PB120902BS

Tot Ion:	77	Resp:	147159
Ion	Ratio	Lower	Upper
77	100		
105	109.0	81.5	121.5
106	105.1	79.7	119.7

Manual Integrations
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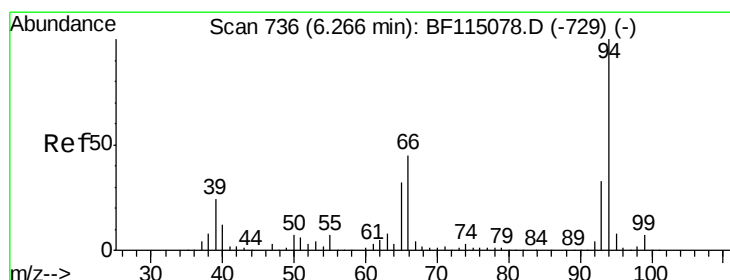
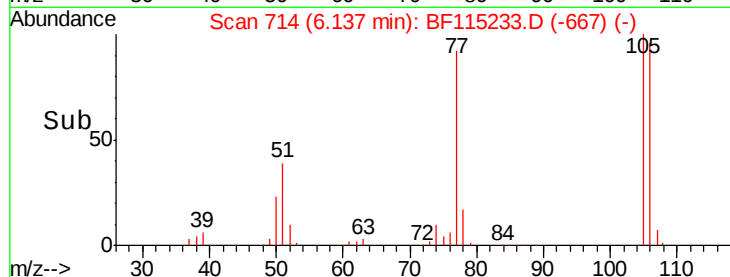
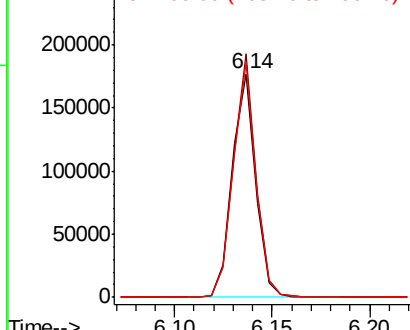


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.953 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

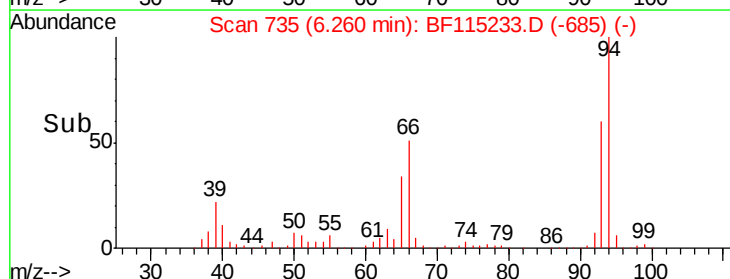
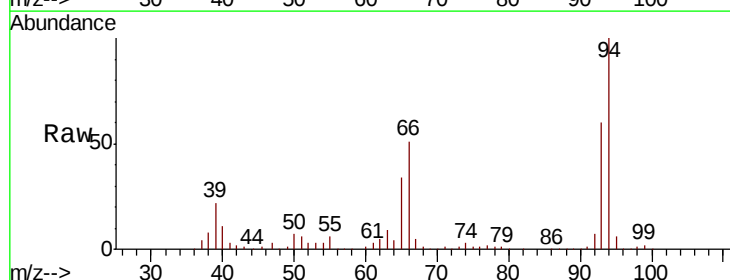
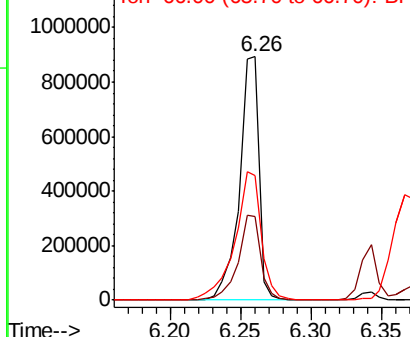
Tgt Ion:	94	Resp:	864967
Ion	Ratio	Lower	Upper
94	100		
65	34.1	11.9	51.9
66	51.3	25.2	65.2

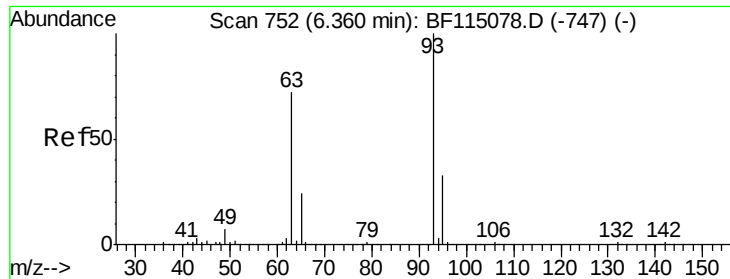
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





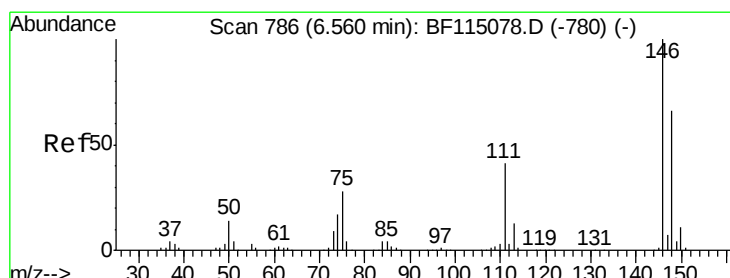
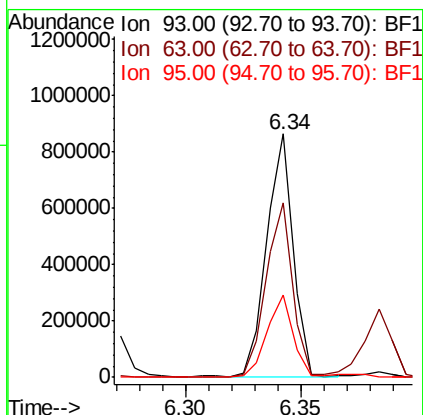
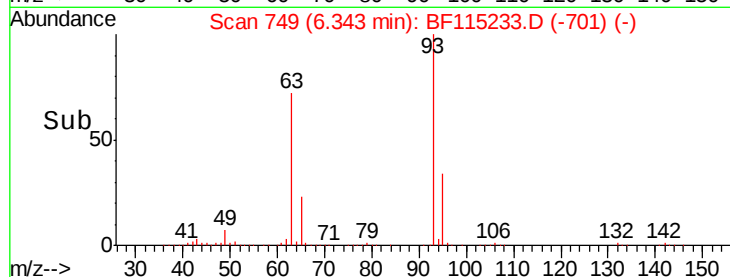
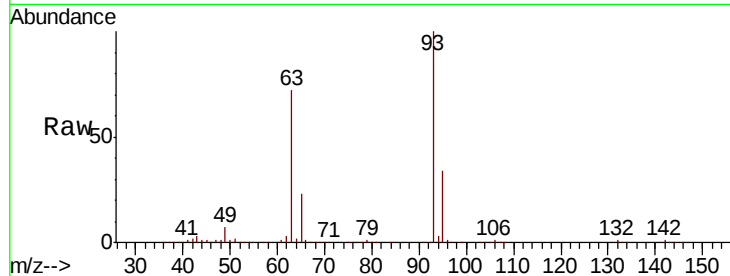
#11
bis(2-Chloroethyl)ether
Concen: 40.968 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion:	93	Resp:	688254
Ion Ratio	Lower	Upper	
93	100		
63	71.9	51.5	91.5
95	33.6	13.4	53.4

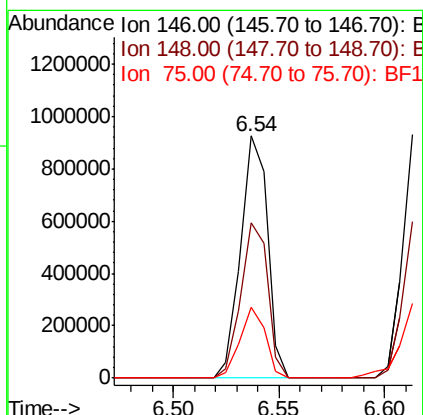
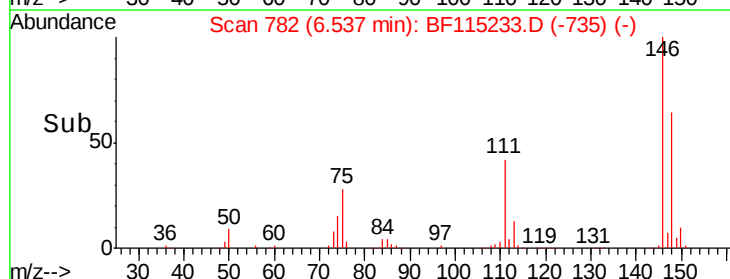
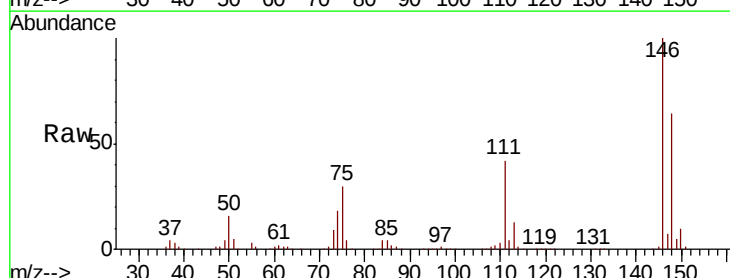
Manual Integrations
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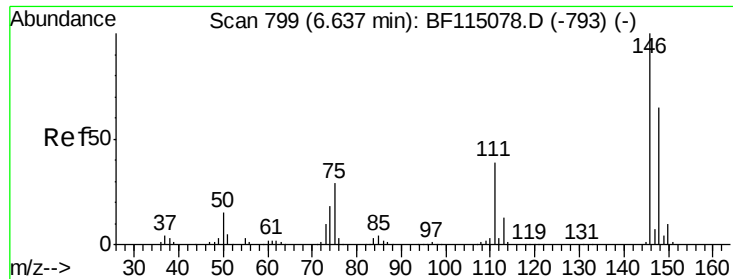
mohammad
6/28/2019 2:58:13 PM



#12
1,3-Dichlorobenzene
Concen: 40.761 ng
RT: 6.54 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:	146	Resp:	815385
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.6	78.8
75	29.5	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 41.482 ng

RT: 6.61 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

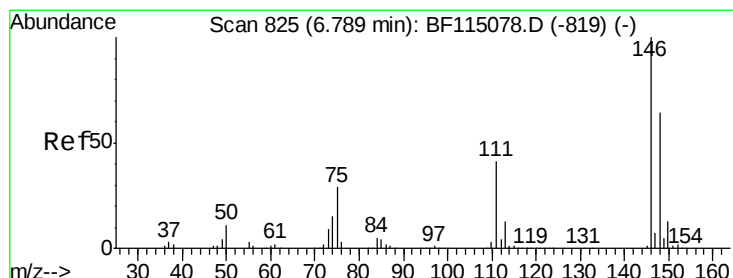
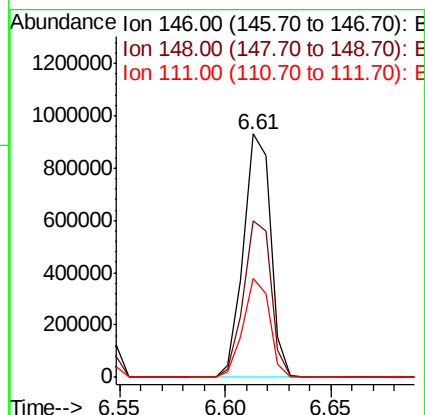
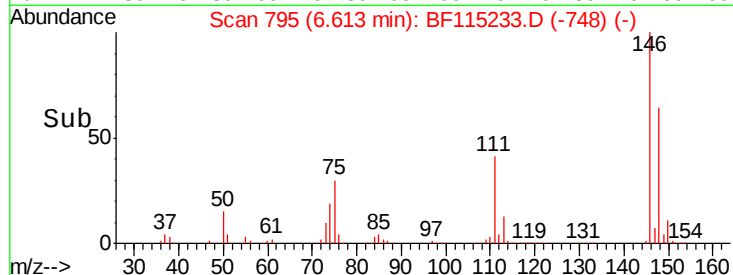
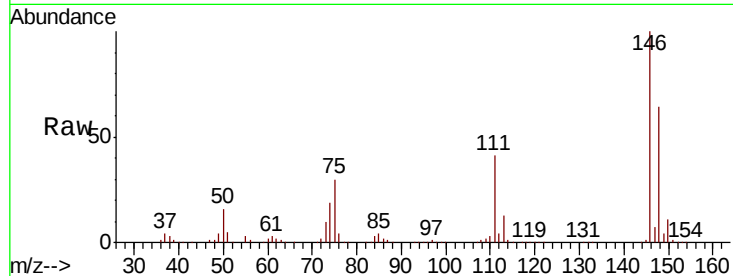
ClientSampleId :

PB120902BS

Tot Ion:	146	Resp:	832100
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.9	77.9
111	40.8	31.4	47.0

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#14

1,2-Dichlorobenzene

Concen: 41.488 ng

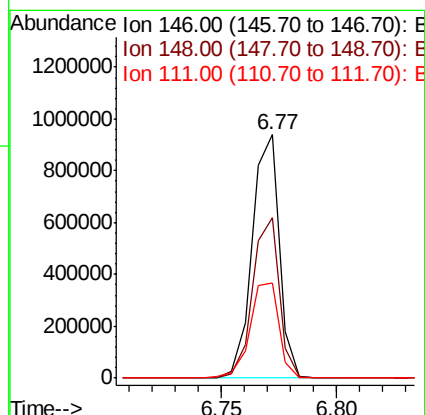
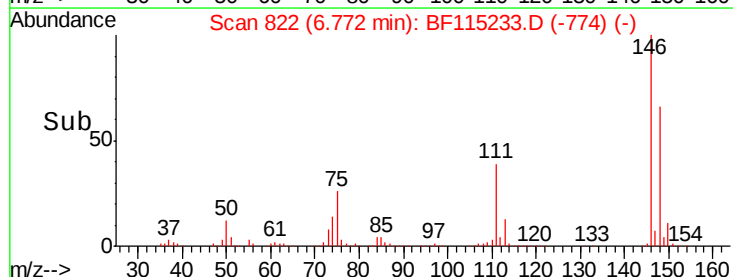
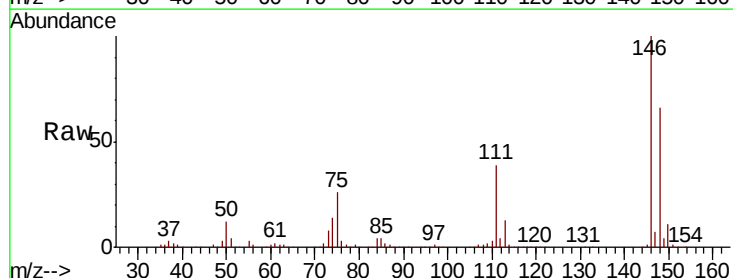
RT: 6.77 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion:	146	Resp:	770698
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.1	76.7
111	39.3	33.2	49.8





#15

Benzyl Alcohol

Concen: 40.046 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

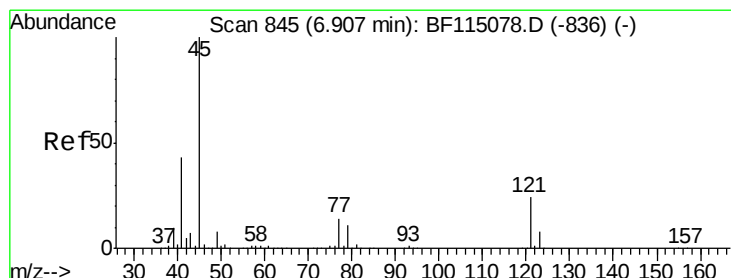
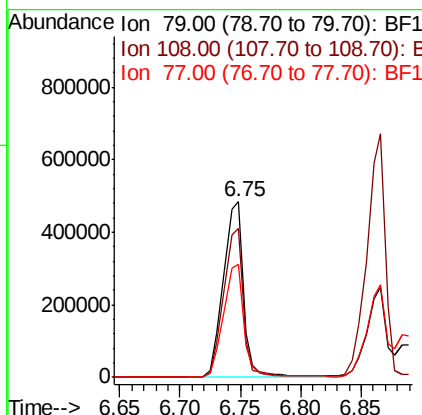
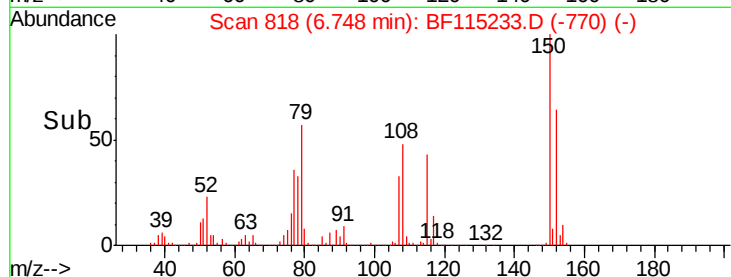
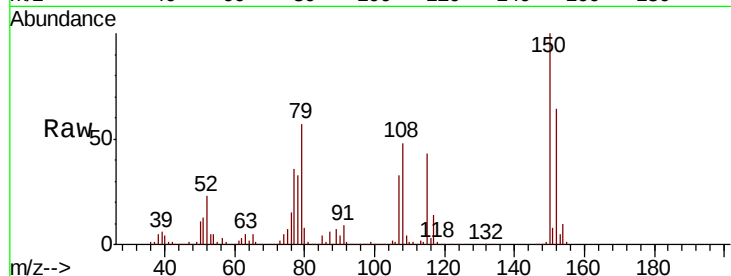
ClientSampled :

PB120902BS

Tot Ion:	79	Resp:	567350
Ion Ratio	Lower	Upper	
79	100		
108	85.0	68.7	103.1
77	64.4	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.496 ng

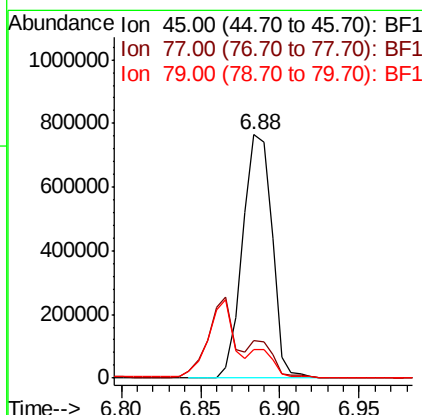
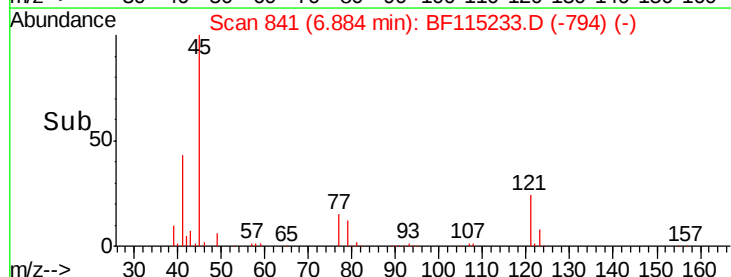
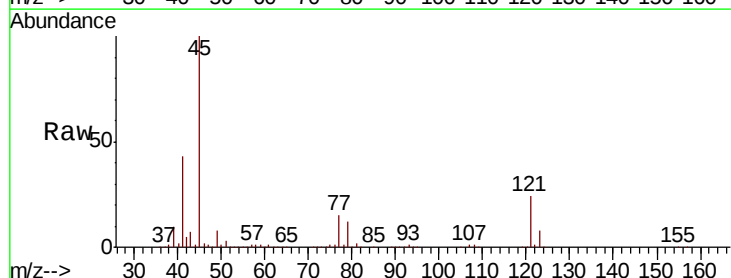
RT: 6.88 min Scan# 841

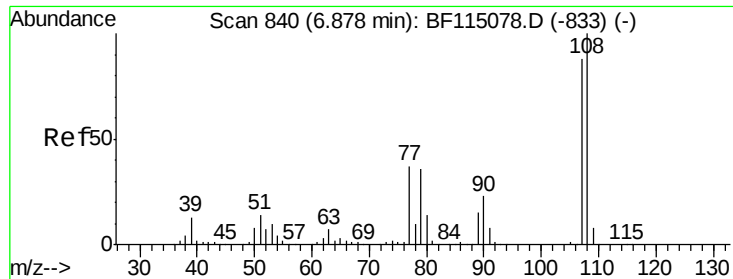
Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion:	45	Resp:	986730
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	34.6
79	11.8	0.0	31.2





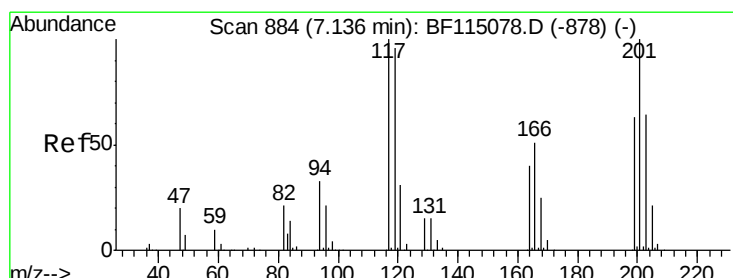
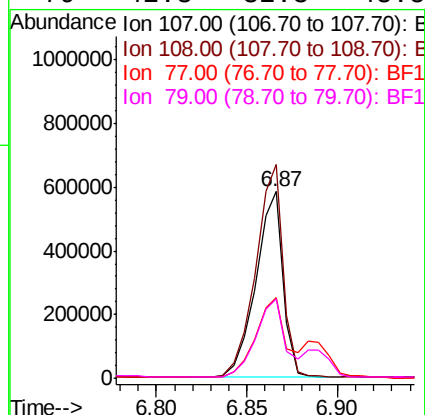
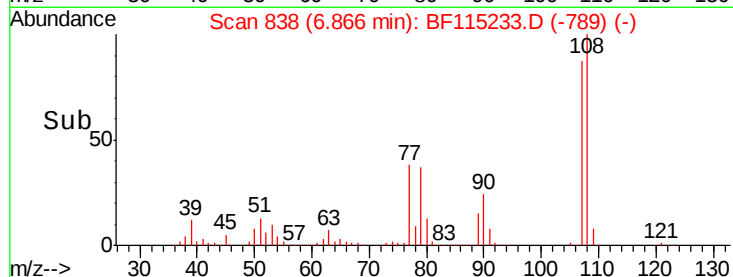
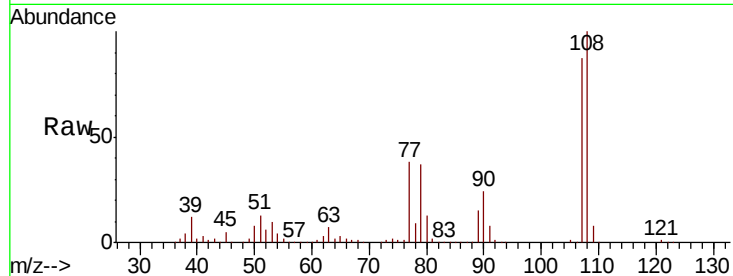
#17
2-Methylphenol
Concen: 41.053 ng
RT: 6.87 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampled :
PB120902BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.9	136.3
77	43.3	33.4	50.2
79	42.3	32.3	48.5

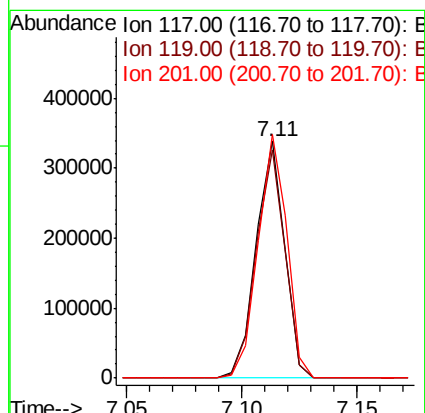
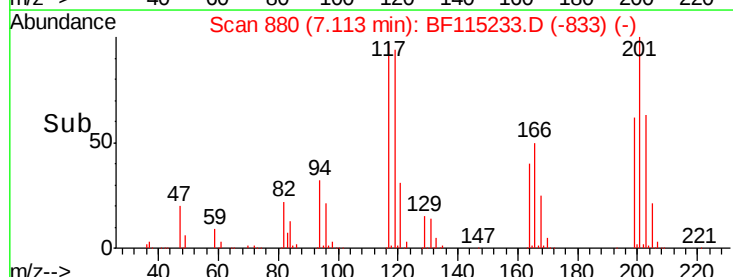
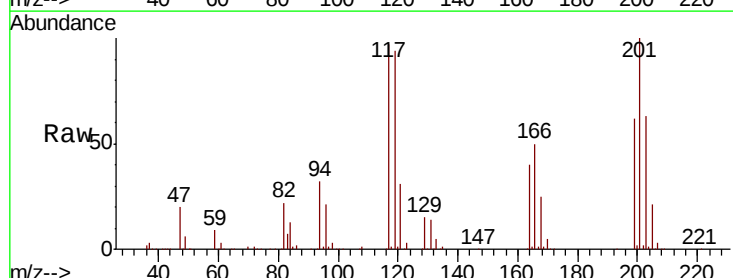
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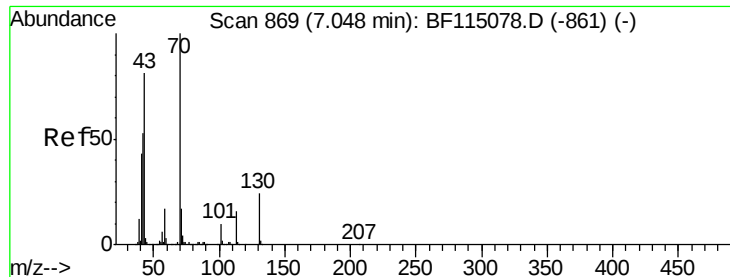
mohammad
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#18
Hexachloroethane
Concen: 40.552 ng
RT: 7.11 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
201	102.7	80.2	120.2





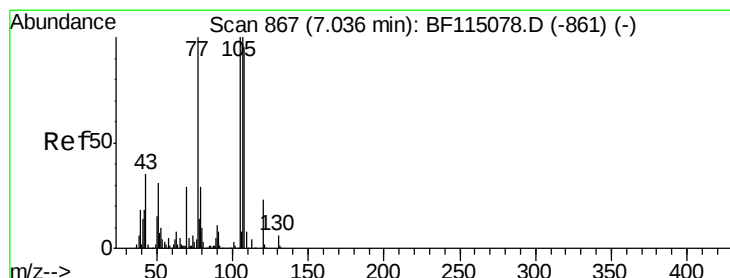
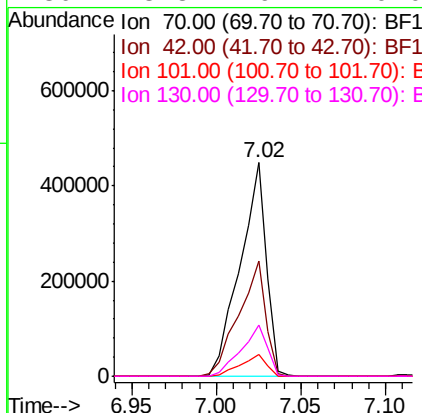
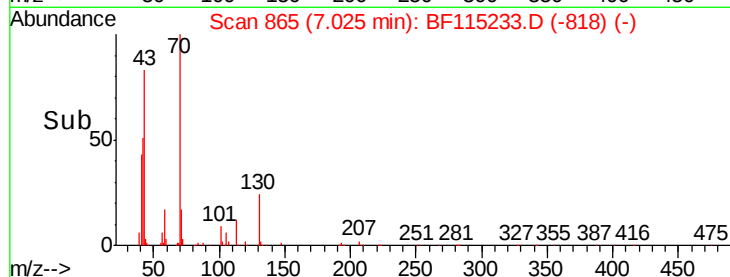
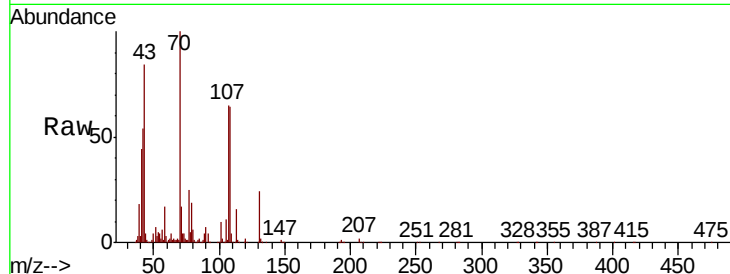
#19
n-Nitroso-di-n-propylamine
Concen: 39.229 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		488640		
42	53.7	42.6	63.8		
101	10.0	8.0	12.0		
130	23.8	19.4	29.0		

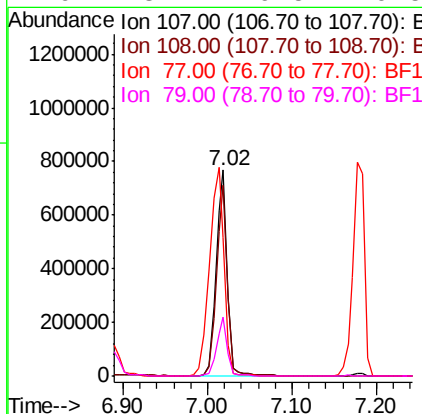
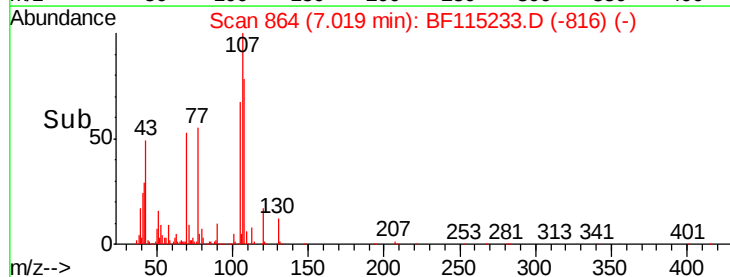
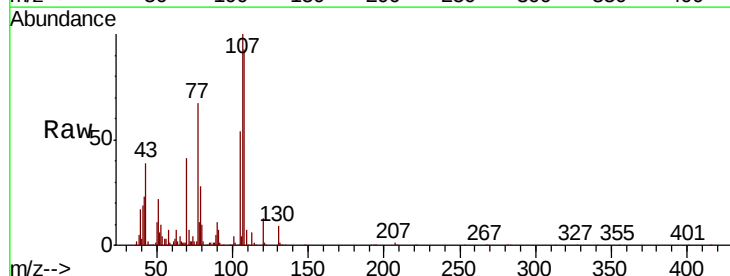
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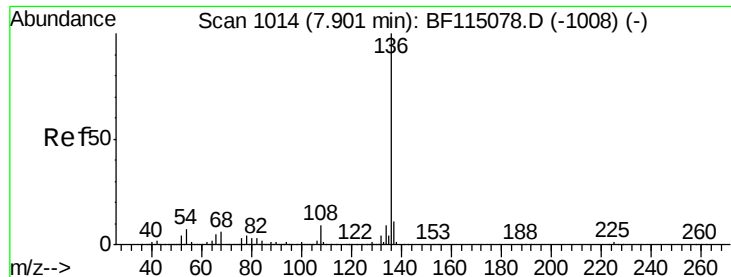
mohammad
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#20
3+4-Methylphenols
Concen: 42.234 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		725546		
108	92.8	75.5	115.5		
77	67.3	80.2	120.2#		
79	28.4	9.5	49.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

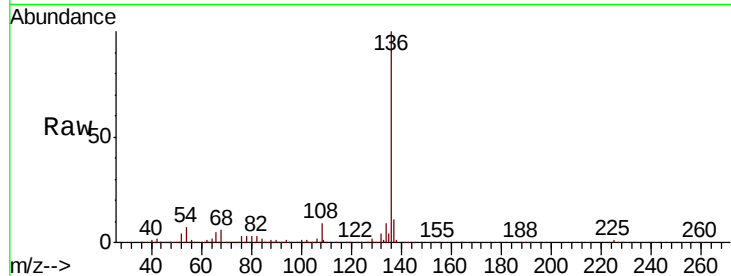
ClientSampleId :

PB120902BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	946287		
137	11.4	8.9	13.3	
54	7.1	5.6	8.4	
68	5.9	4.8	7.2	

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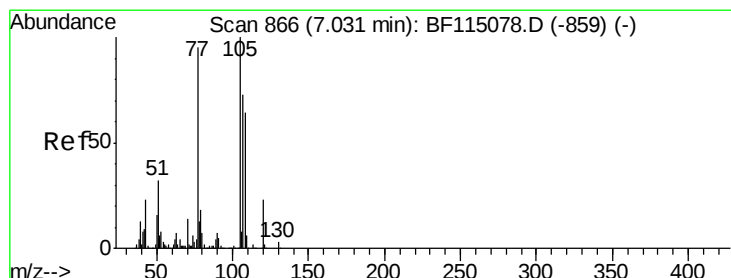
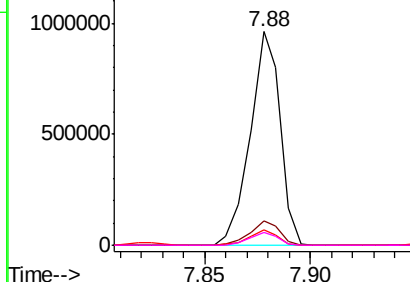
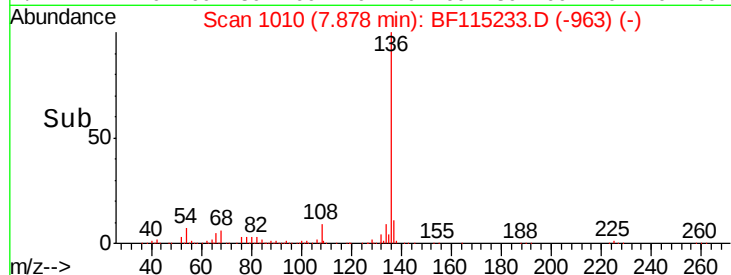


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.213 ng

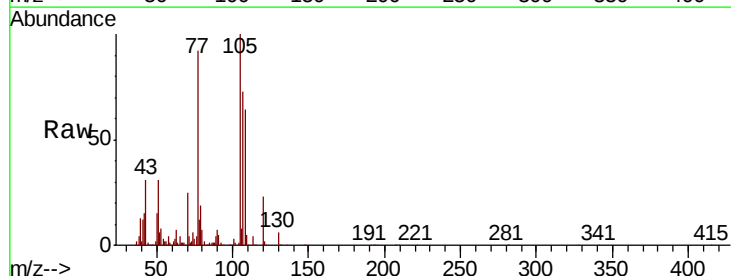
RT: 7.01 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1001144		
71	4.4	1.9	2.9#	
51	30.7	25.8	38.8	
120	23.4	18.5	27.7	

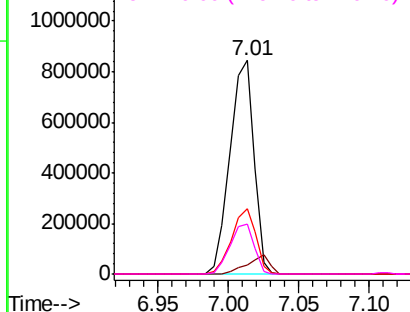
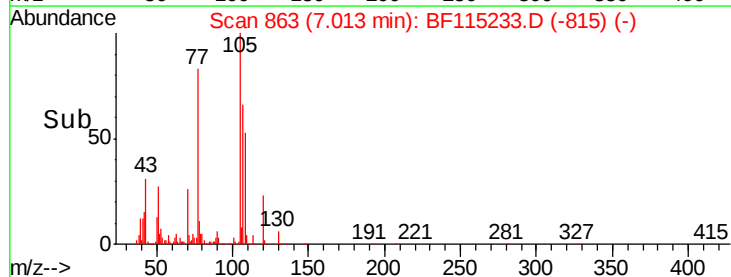


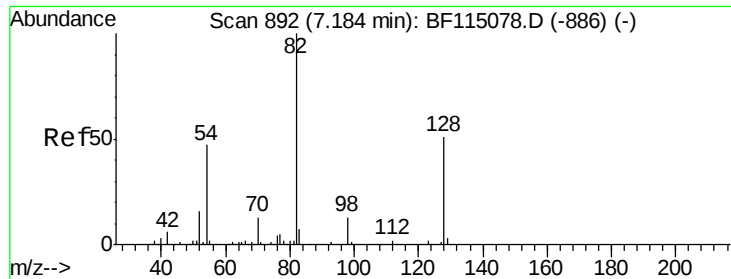
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





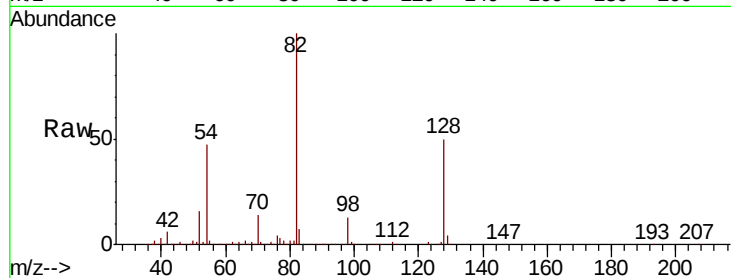
#23
 Nitrobenzene-d5
 Concen: 92.264 ng
 RT: 7.16 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.4	60.6
54	46.9	37.5	56.3

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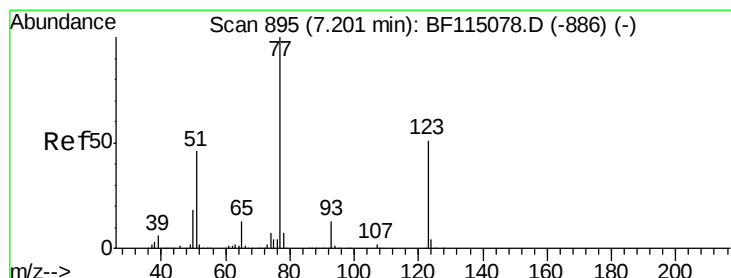
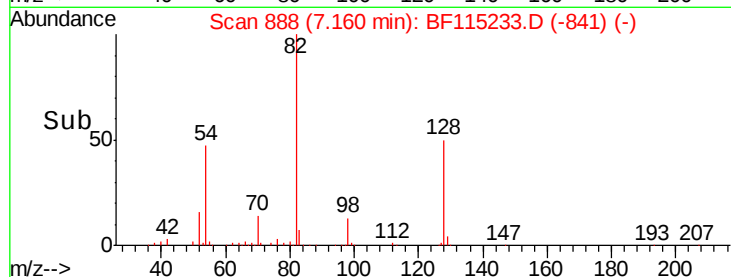
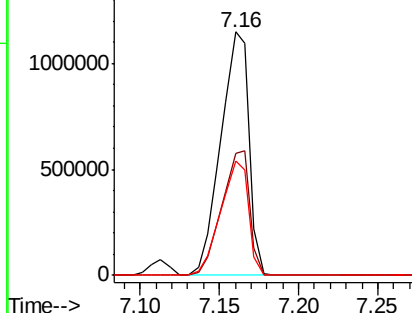


Abundance

Ion 82.00 (81.70 to 82.70): BF1

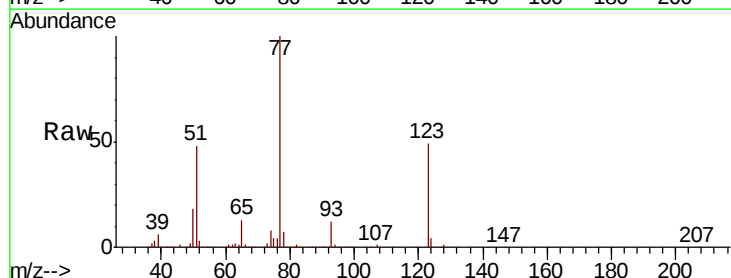
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 44.804 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	41.0	61.6
65	12.9	10.5	15.7

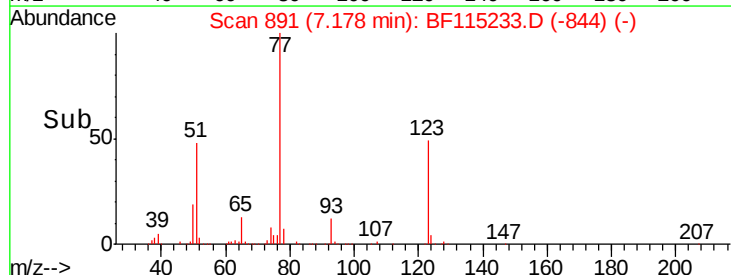
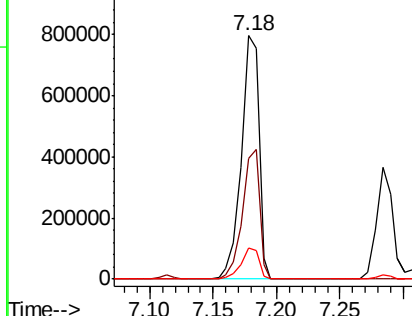


Abundance

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: 44.451 ng

RT: 7.42 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

Tot Ion: 82 Resp: 1400750

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

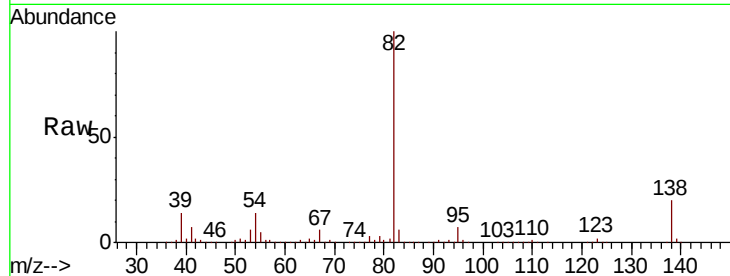
138 19.6 15.9 23.9

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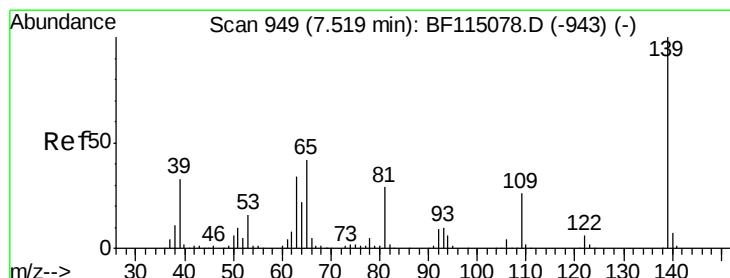
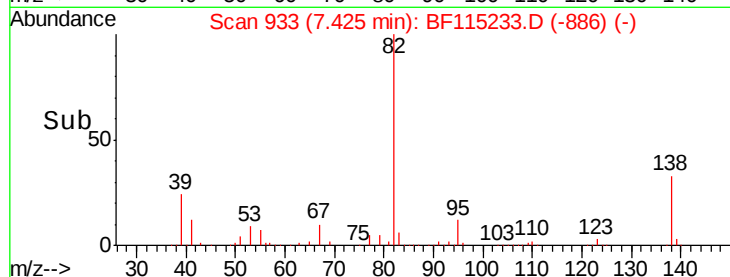
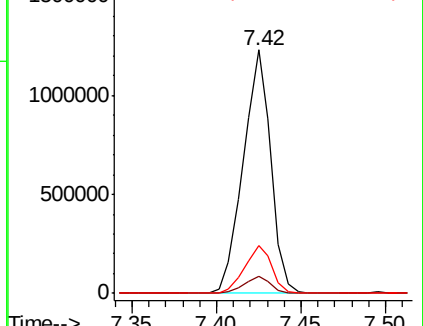
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.916 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

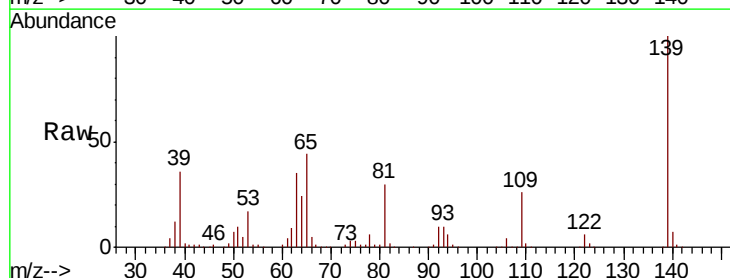
Tgt Ion: 139 Resp: 426122

Ion Ratio Lower Upper

139 100

109 25.6 20.4 30.6

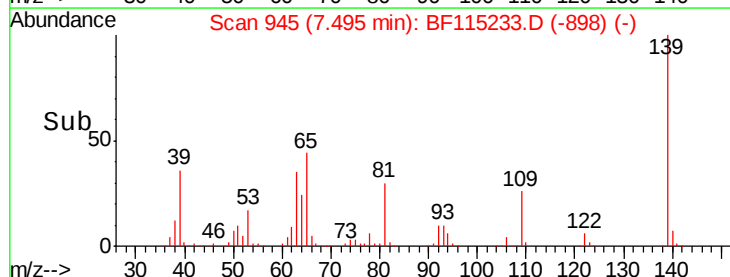
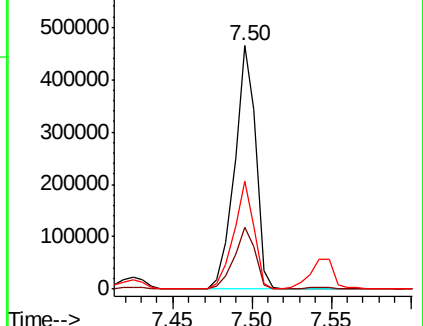
65 44.4 33.6 50.4

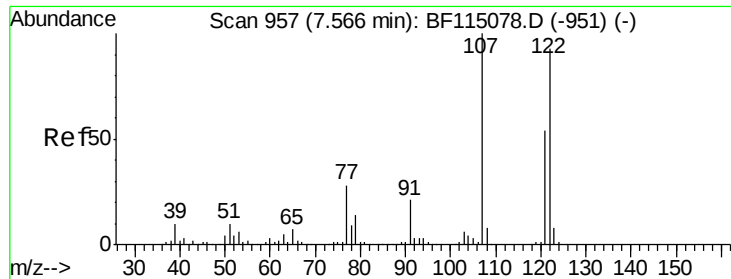


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





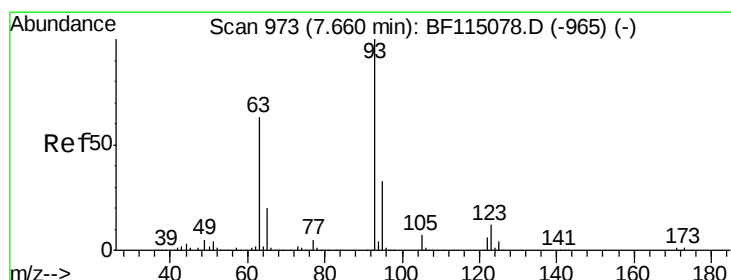
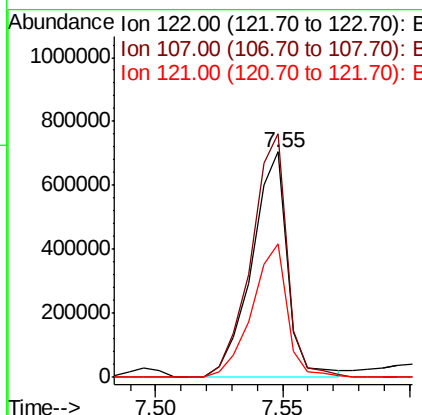
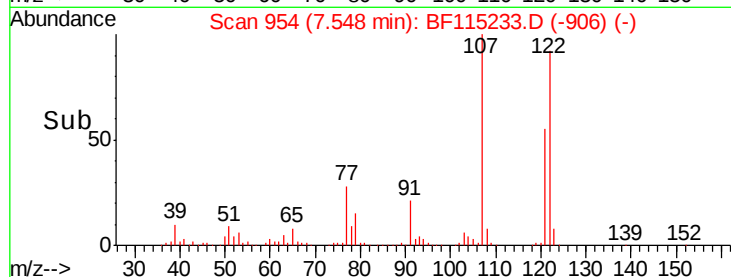
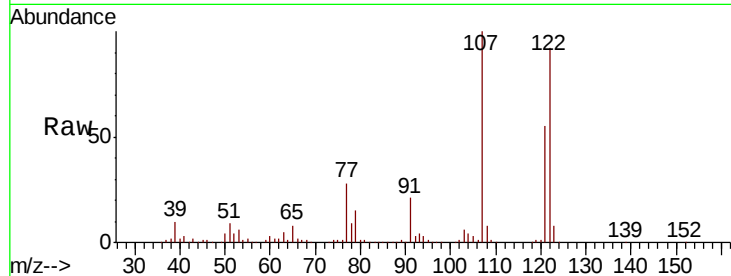
#27
2,4-Dimethylphenol
Concen: 50.872 ng
RT: 7.55 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	85.8	128.6
121	59.1	46.3	69.5

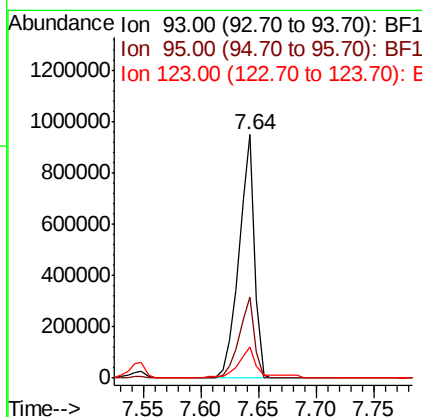
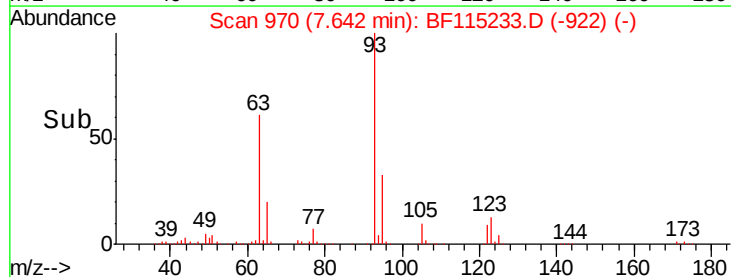
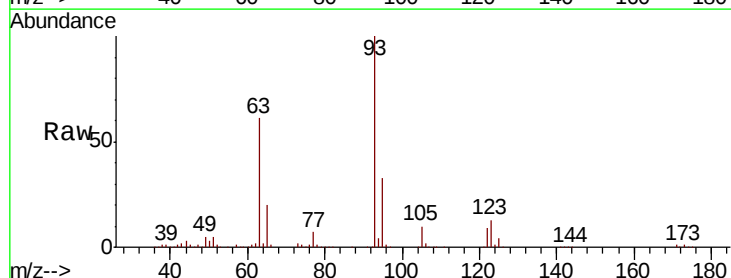
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#28
bis(2-Chloroethoxy)methane
Concen: 44.415 ng
RT: 7.64 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	12.9	9.7	14.5





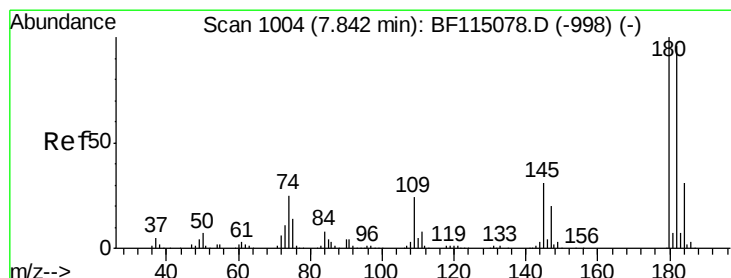
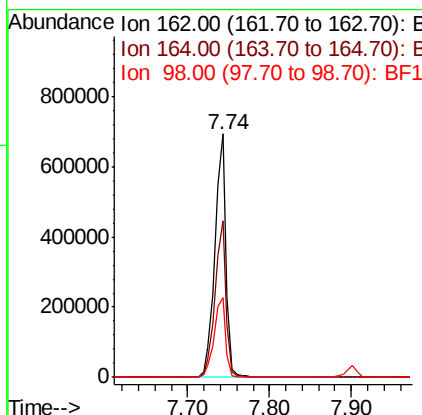
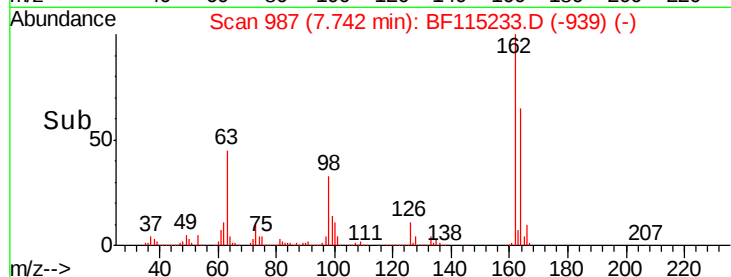
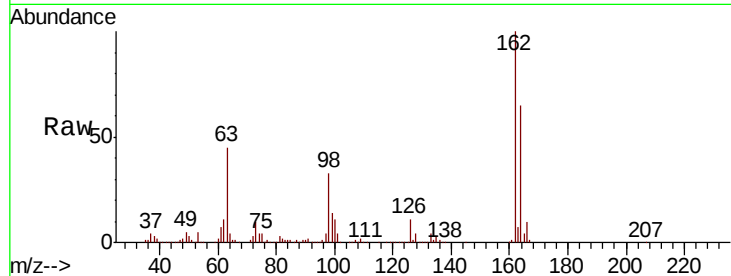
#29
2,4-Dichlorophenol
Concen: 46.624 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	45.3	85.3
98	33.0	12.5	52.5

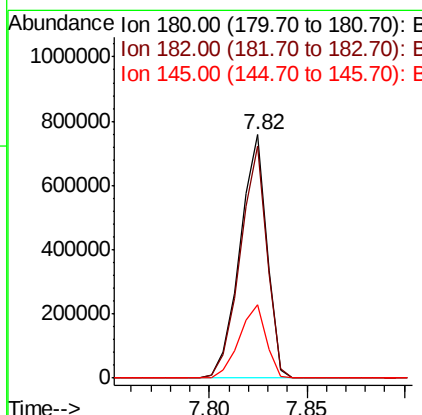
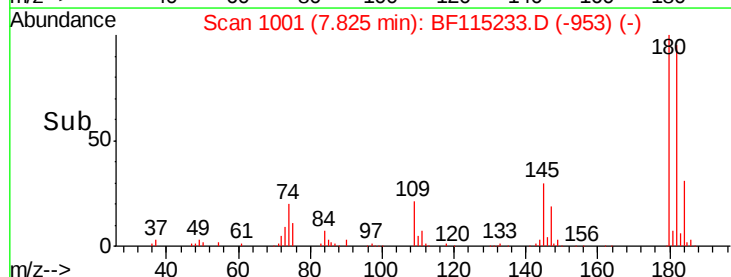
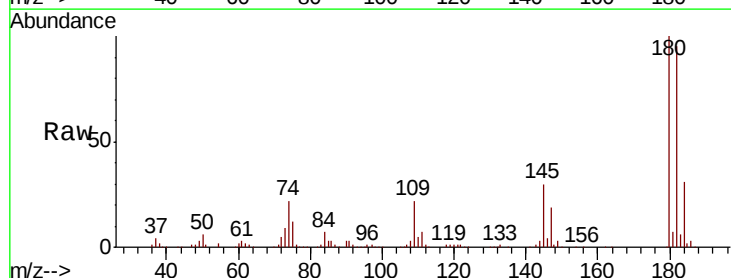
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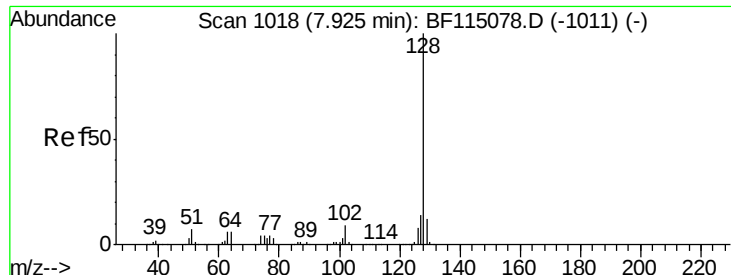
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#30
1,2,4-Trichlorobenzene
Concen: 46.382 ng
RT: 7.82 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	76.4	114.6
145	30.0	24.8	37.2





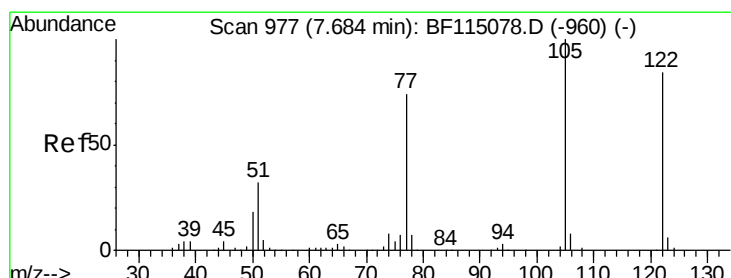
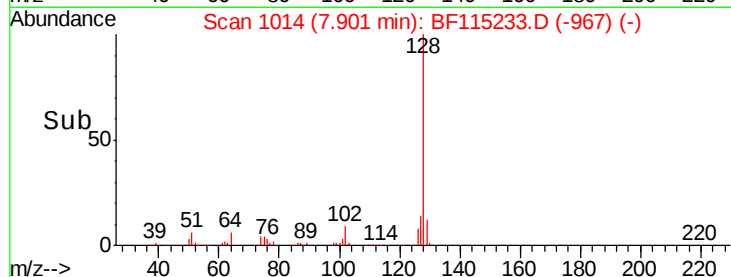
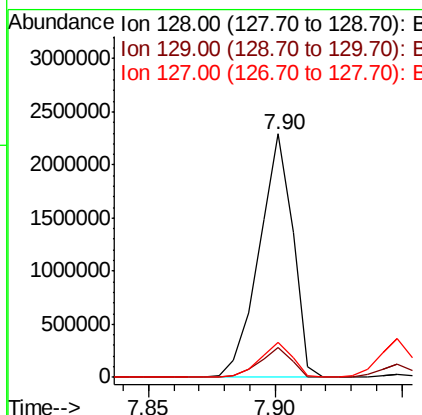
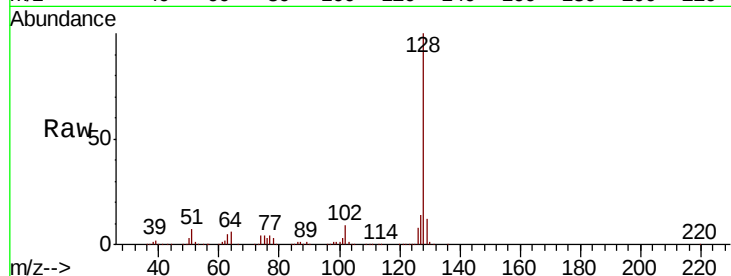
#31
Naphthalene
Concen: 45.782 ng
RT: 7.90 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.1	11.4	17.0

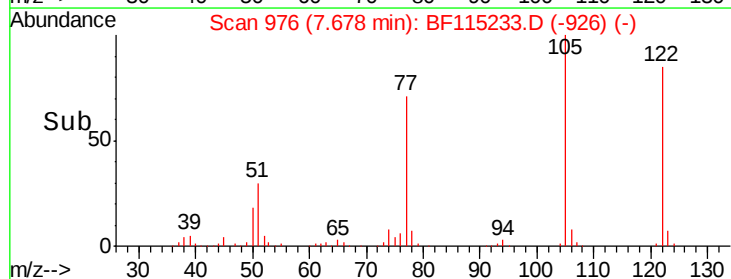
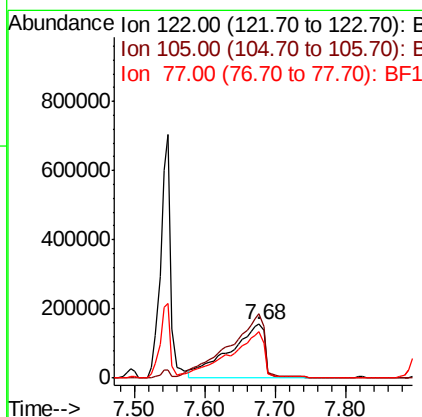
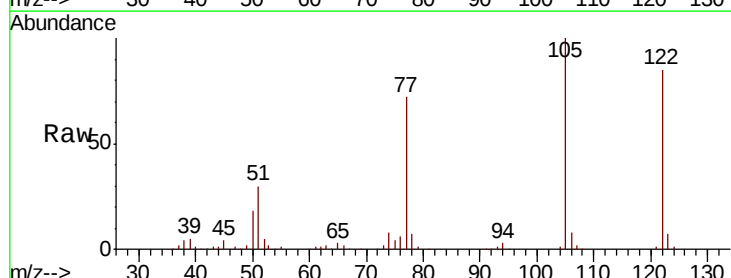
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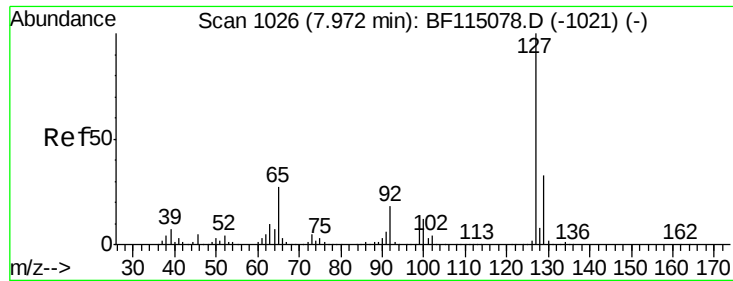
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#32
Benzoic acid
Concen: 55.671 ng
RT: 7.68 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	98.2	138.2
77	85.0	67.0	107.0





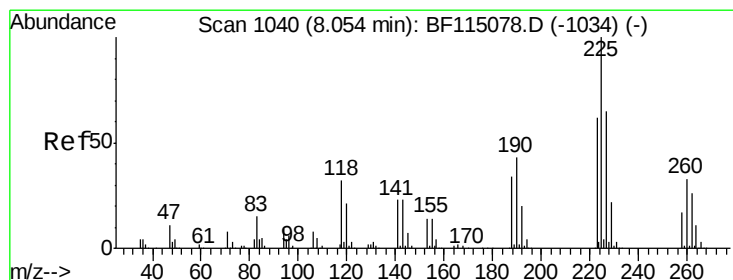
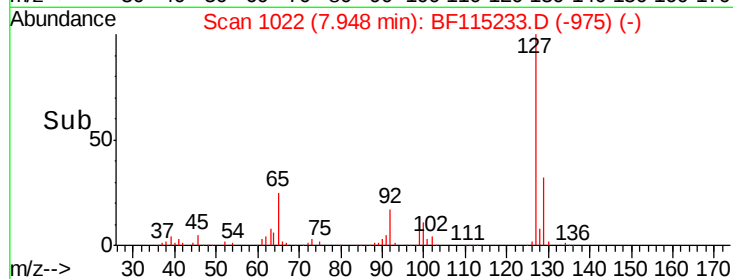
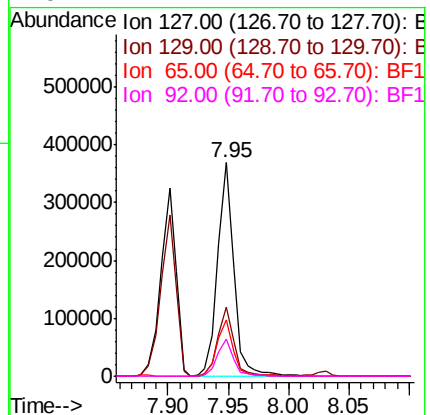
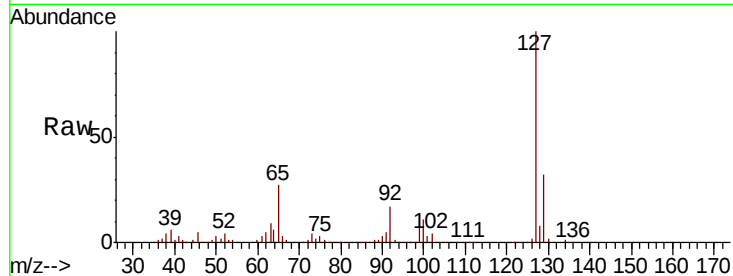
#33
4-Chloroaniline
Concen: 16.054 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.1	39.1		
65	26.6	21.4	32.2		
92	17.4	14.1	21.1		

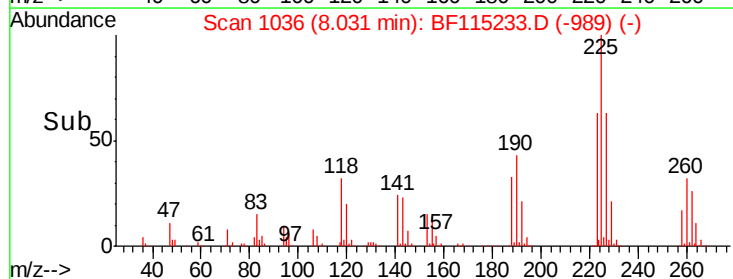
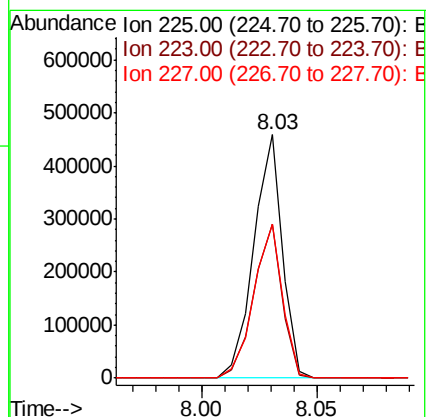
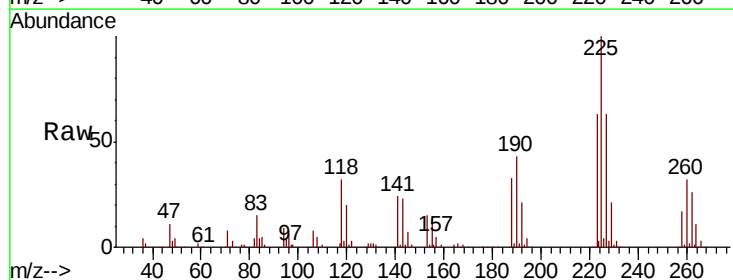
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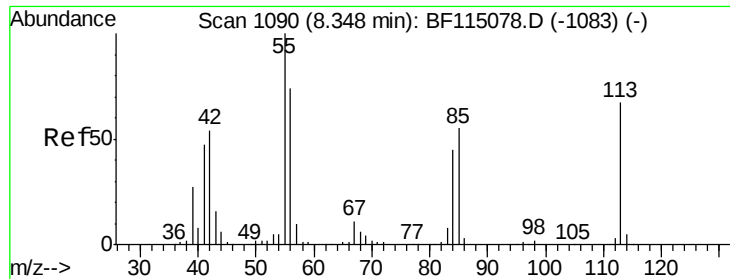
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#34
Hexachlorobutadiene
Concen: 46.586 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.4	74.2		
227	63.4	51.8	77.8		





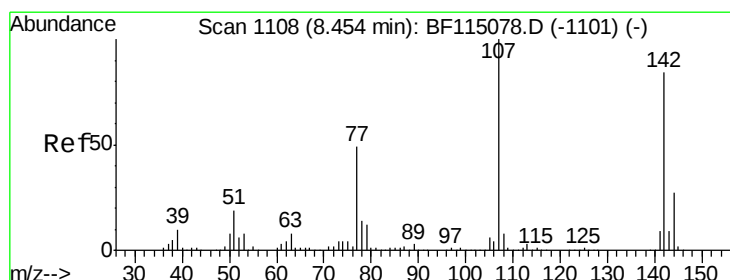
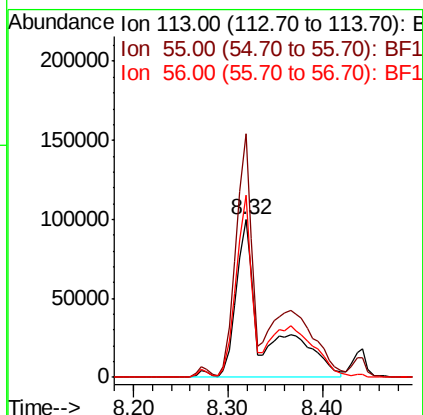
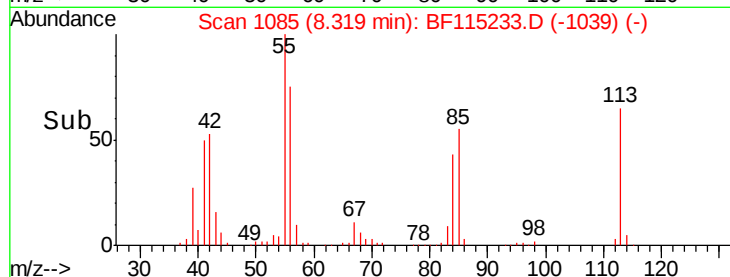
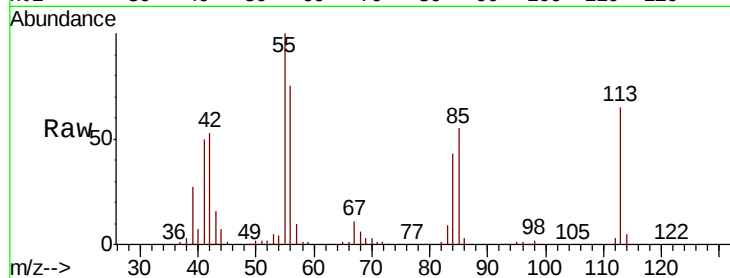
#35
Caprolactam
Concen: 44.385 ng/ml
RT: 8.32 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.5	130.2	170.2
56	115.9	91.6	131.6

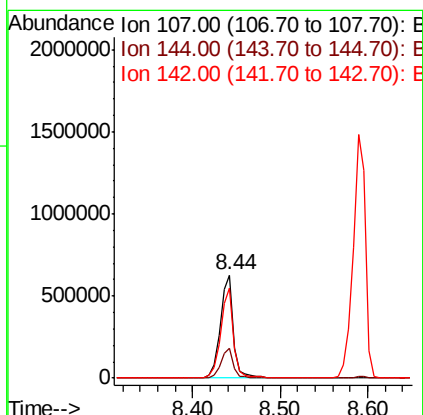
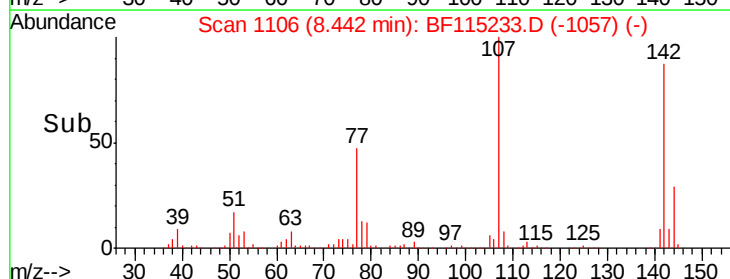
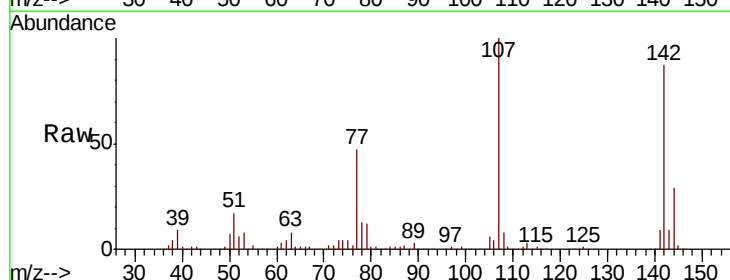
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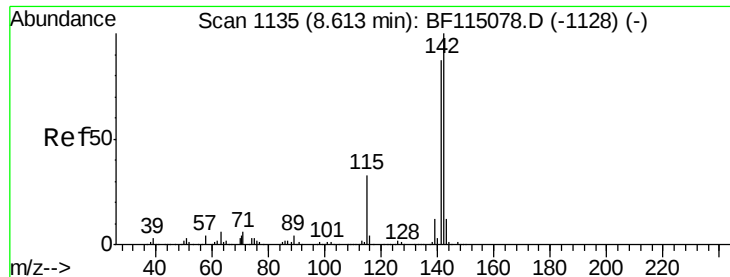
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#36
4-Chloro-3-methylphenol
Concen: 45.654 ng/ml
RT: 8.44 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.9	21.7	32.5
142	86.6	67.0	100.4





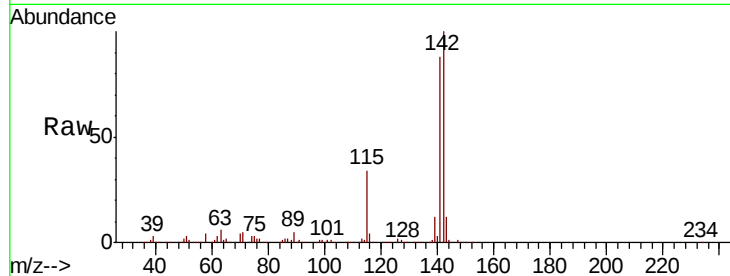
#37
2-Methylnaphthalene
Concen: 46.446 ng
RT: 8.59 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

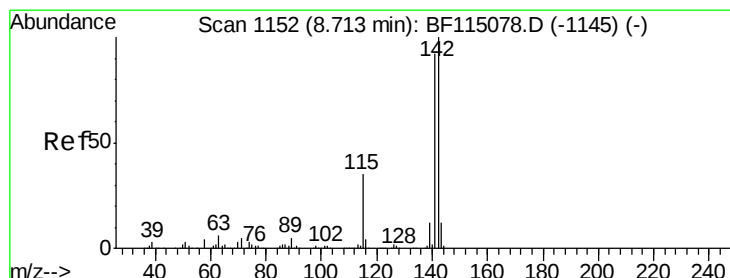
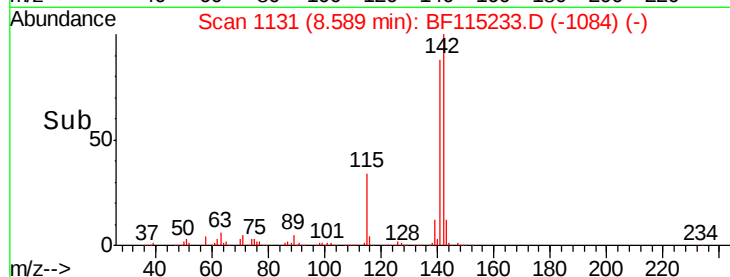
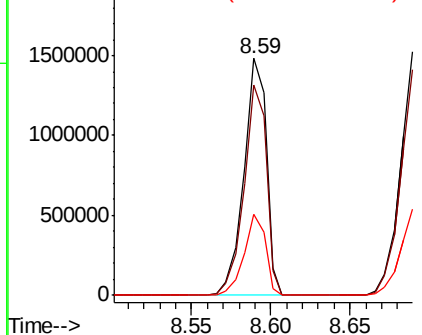
Tot Ion:142 Resp: 1454662
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6
115 34.0 26.7 40.1

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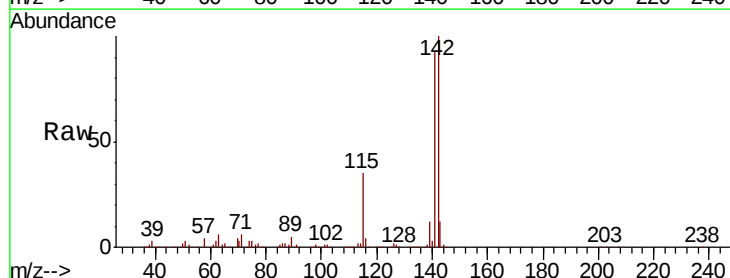


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

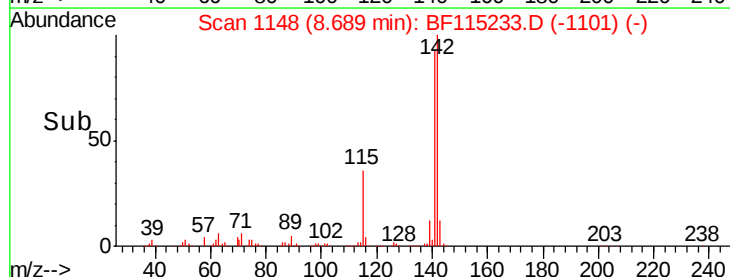
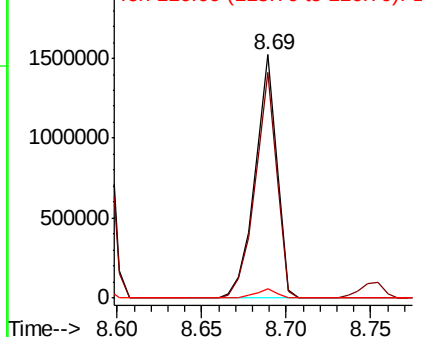


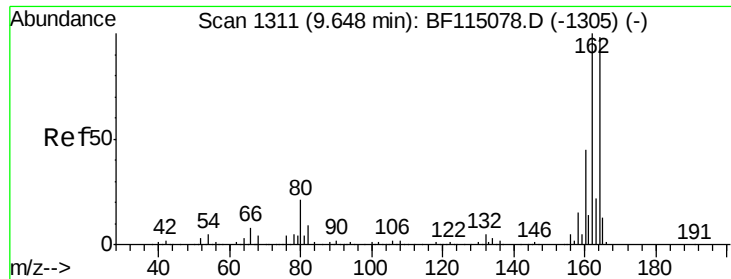
#38
1-Methylnaphthalene
Concen: 46.159 ng
RT: 8.69 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:142 Resp: 1380733
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.8
116 3.8 2.8 4.2



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





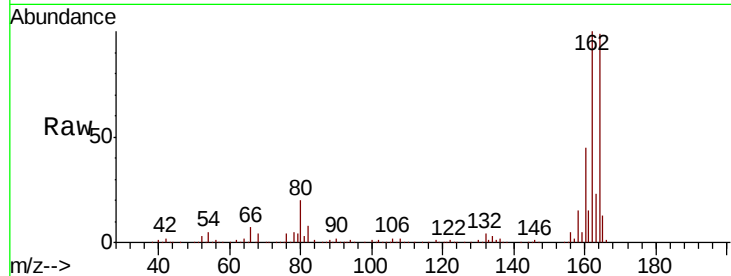
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

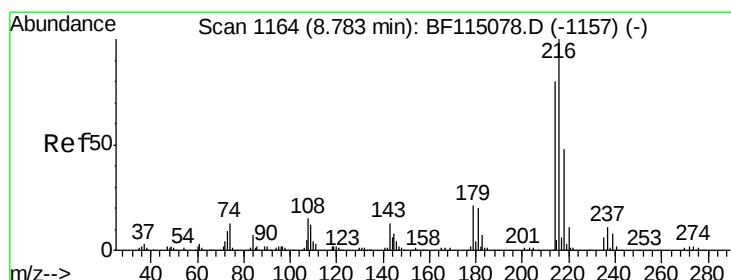
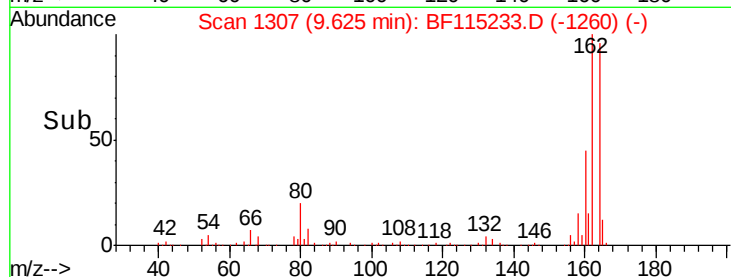
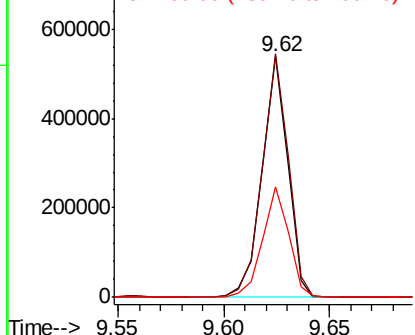
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.7	37.0	55.4

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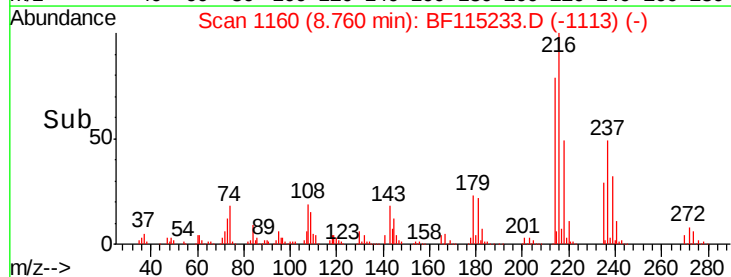
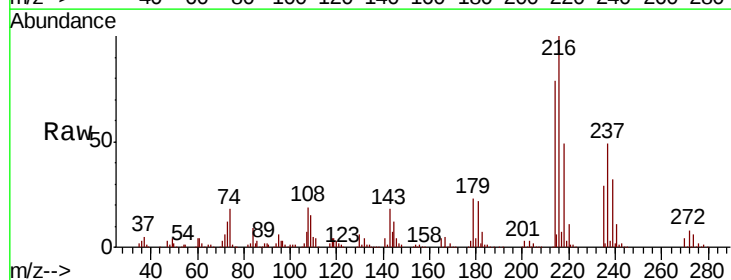
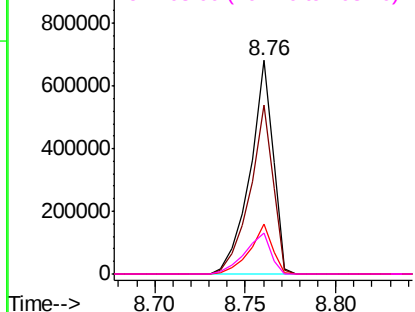
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

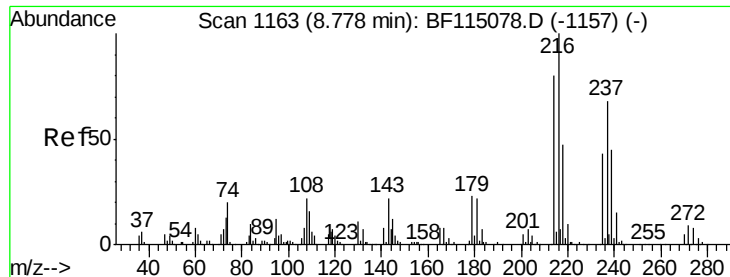


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.617 ng
RT: 8.76 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	22.4	17.6	26.4
108	21.4	15.7	23.5

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 104.603 ng

RT: 8.75 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

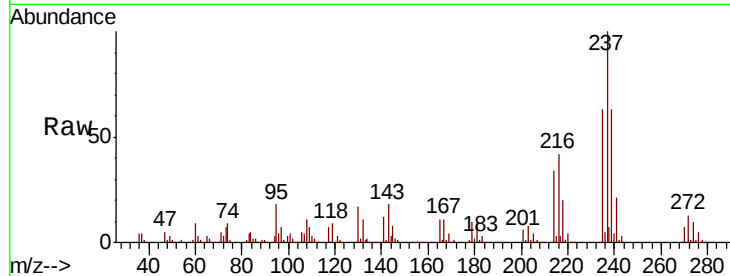
ClientSampleId :

PB120902BS

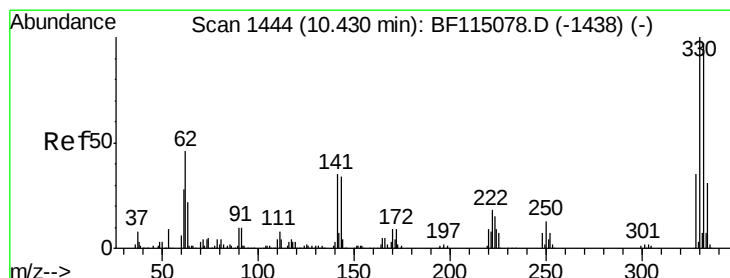
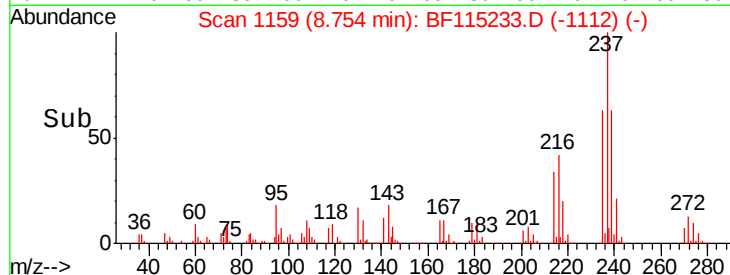
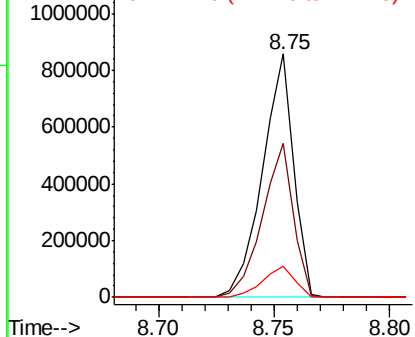
Tot Ion:	237	Resp:	805748
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.9	83.9
272	13.0	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 134.597 ng

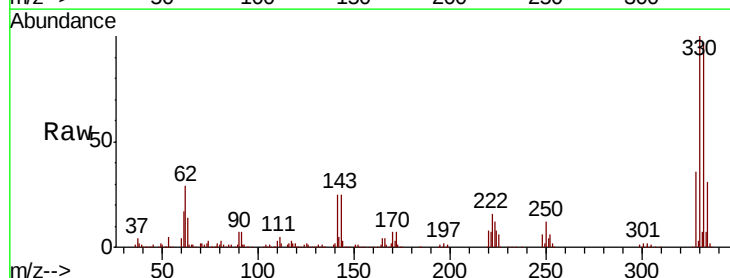
RT: 10.41 min Scan# 1441

Delta R.T. -0.02 min

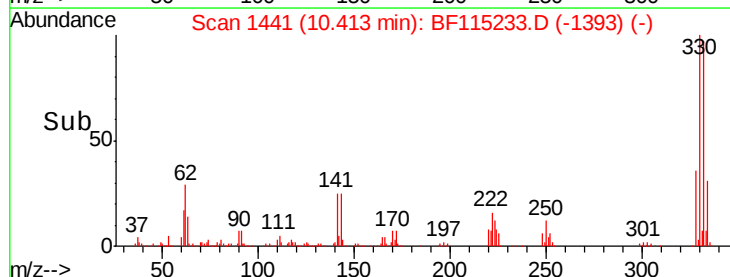
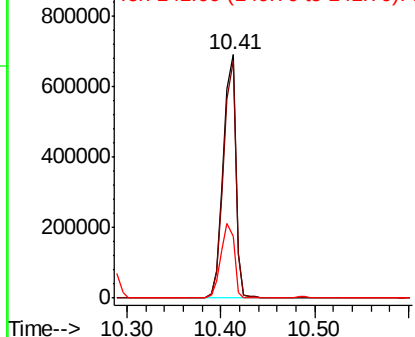
Lab File: BF115233.D

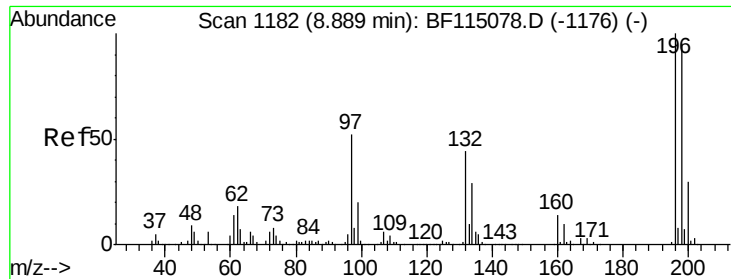
Acq: 27 Jun 2019 13:50

Tgt Ion:	330	Resp:	652494
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.3	115.9
141	32.6	28.2	42.2



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





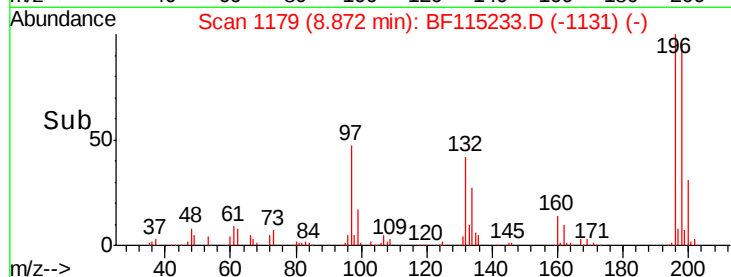
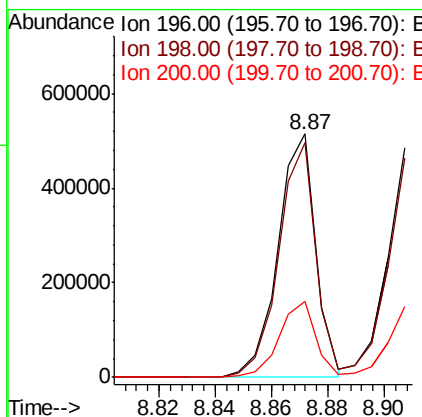
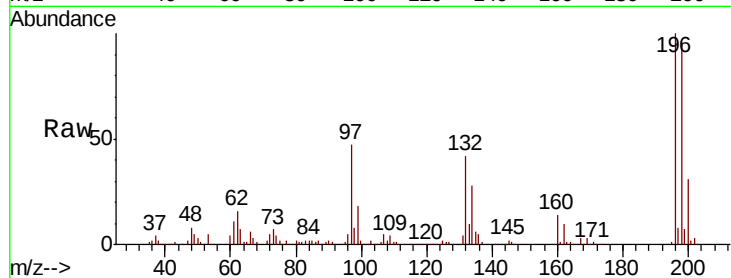
#43
 2,4,6-Trichlorophenol
 Concen: 47.479 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	31.4	24.2	36.4

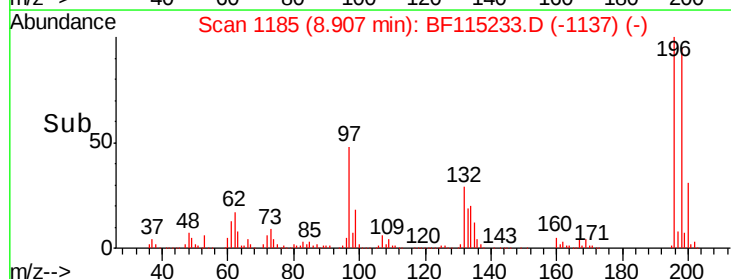
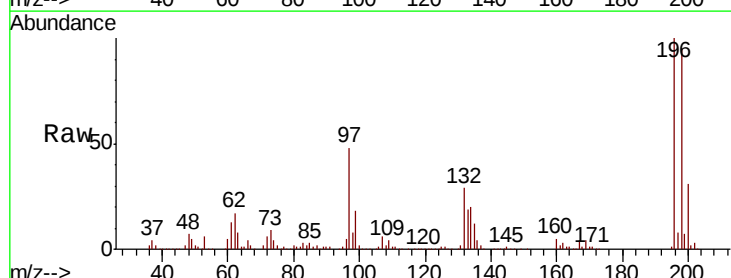
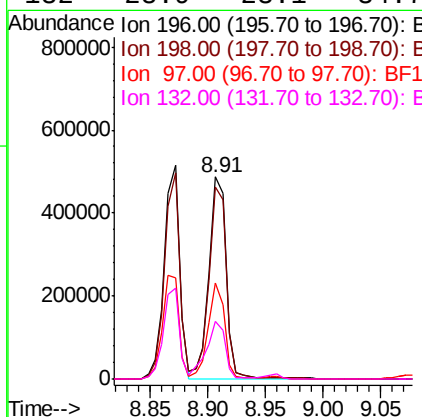
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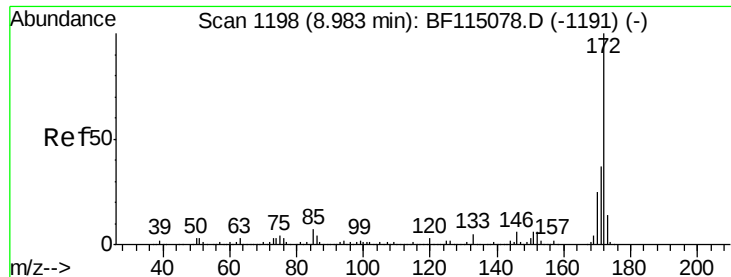
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#44
 2,4,5-Trichlorophenol
 Concen: 49.427 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.1	115.7
97	47.5	37.7	56.5
132	28.9	23.1	34.7





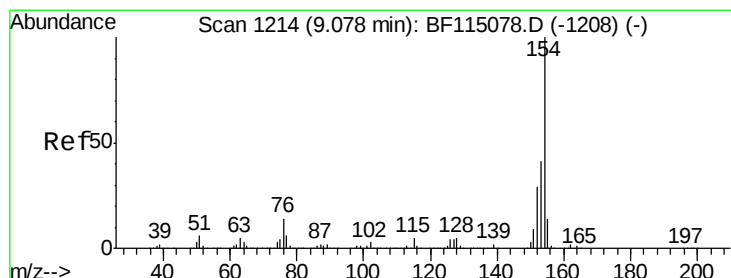
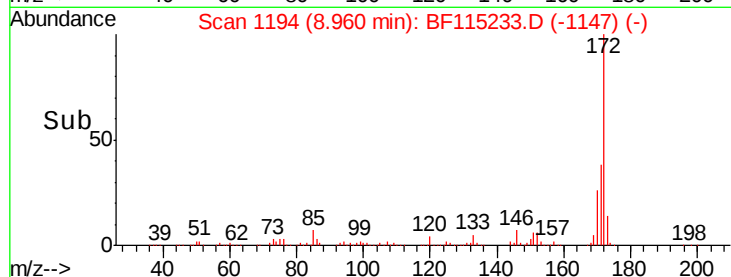
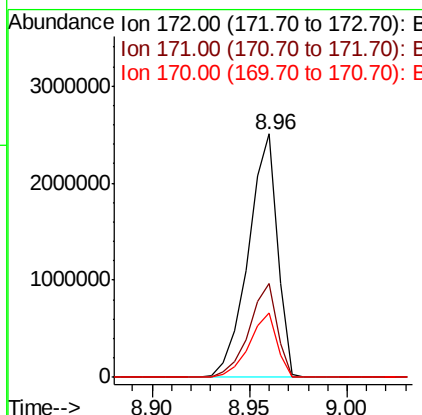
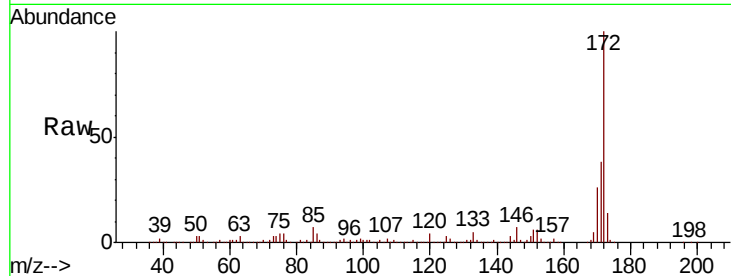
#45
2-Fluorobiphenyl
Concen: 95.433 ng
RT: 8.96 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion:172 Resp: 2582760
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.6
170 26.3 20.3 30.5

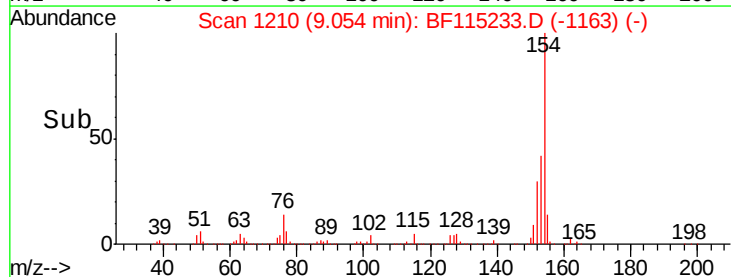
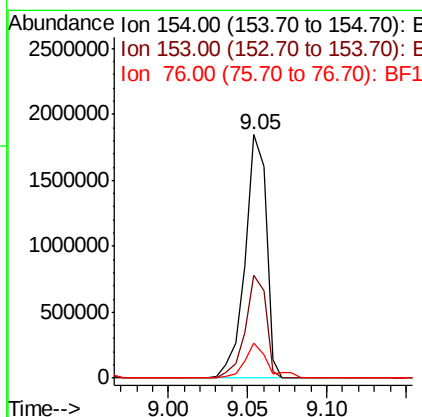
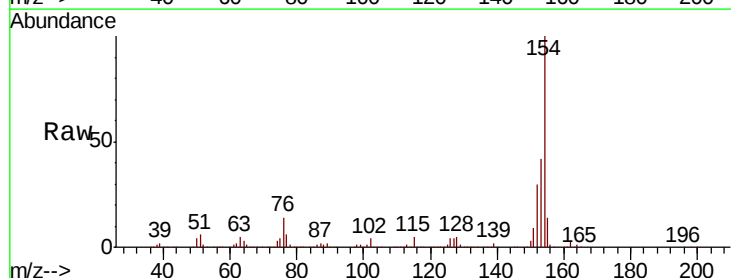
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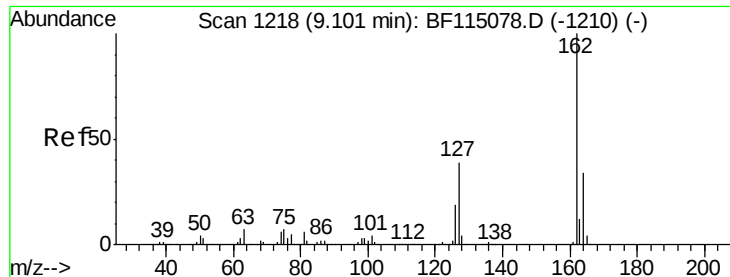
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#46
1,1'-Biphenyl
Concen: 46.202 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:154 Resp: 1699435
Ion Ratio Lower Upper
154 100
153 42.1 20.9 60.9
76 14.1 0.0 34.1





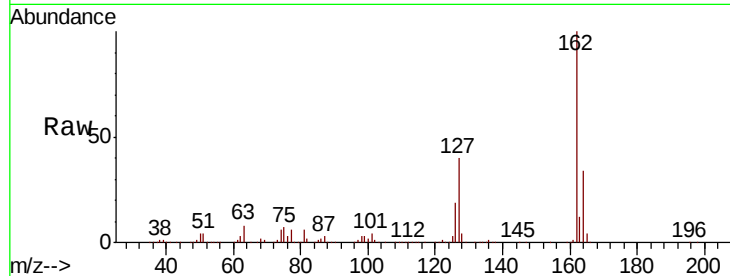
#47
2-Chloronaphthalene
Concen: 45.502 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

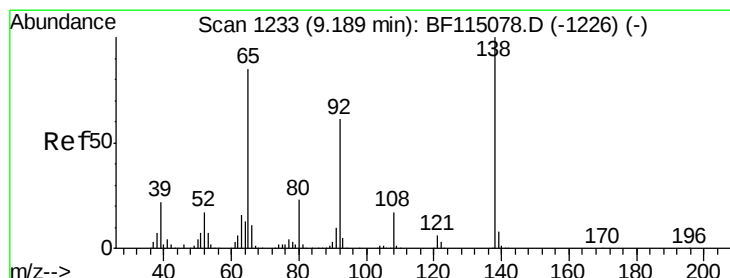
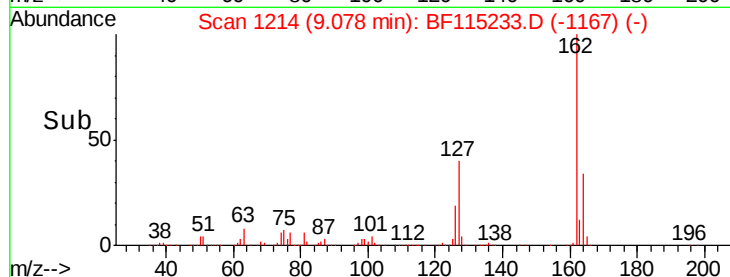
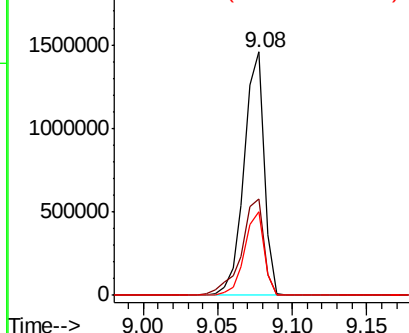
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.8	46.2
164	34.1	27.0	40.4

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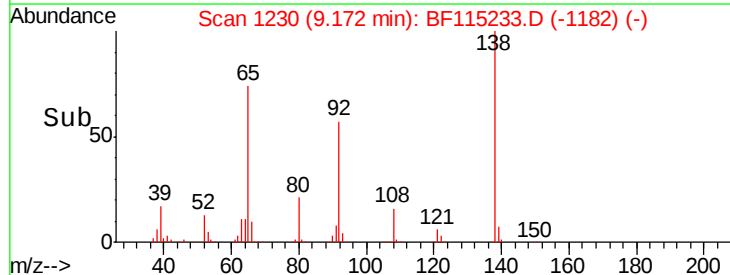
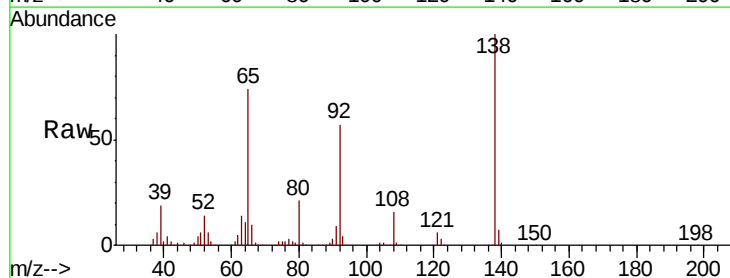
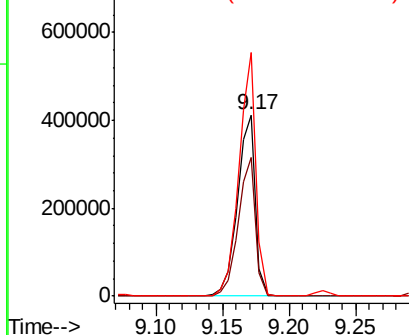
Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

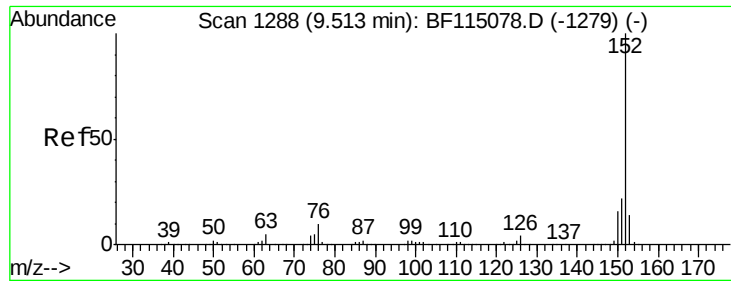


#48
2-Nitroaniline
Concen: 44.324 ng
RT: 9.17 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	57.4	86.2
138	134.3	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: 44.938 ng

RT: 9.49 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

Tot Ion:152 Resp: 2089033

Ion Ratio Lower Upper

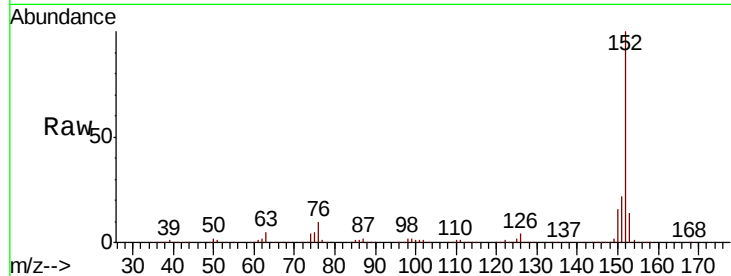
152 100

151 21.6 17.2 25.8

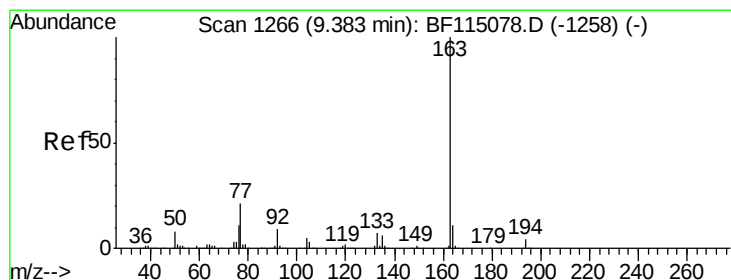
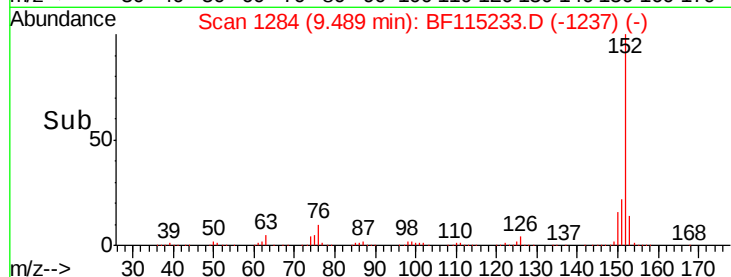
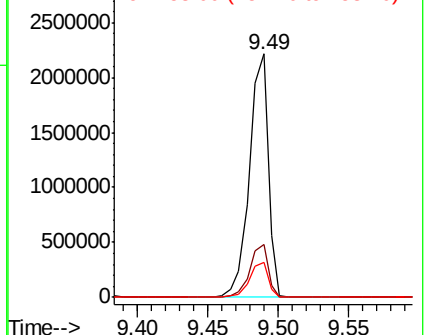
153 14.2 11.0 16.6

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



#50

Dimethylphthalate

Concen: 46.139 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

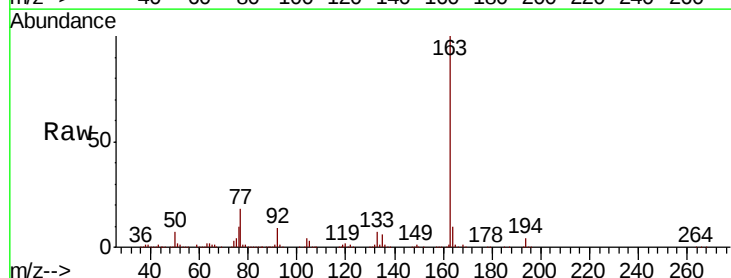
Tgt Ion:163 Resp: 1560500

Ion Ratio Lower Upper

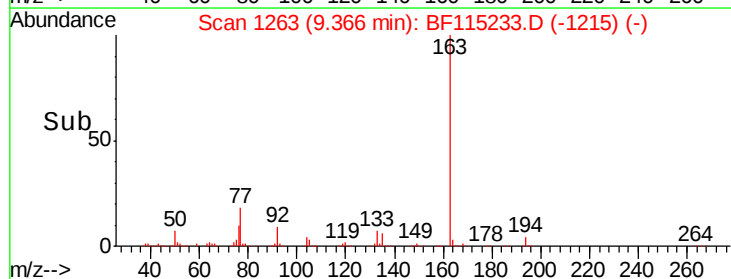
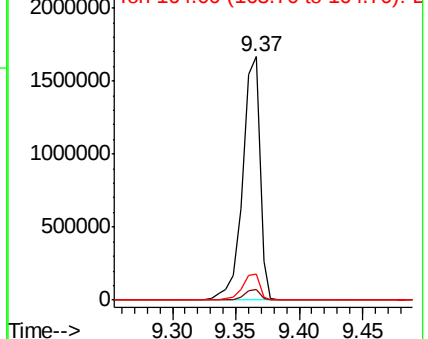
163 100

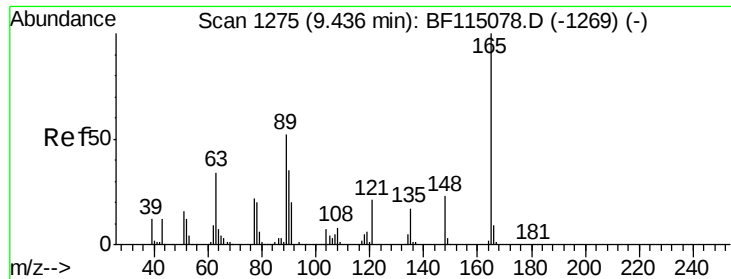
194 4.3 3.2 4.8

164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.640 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

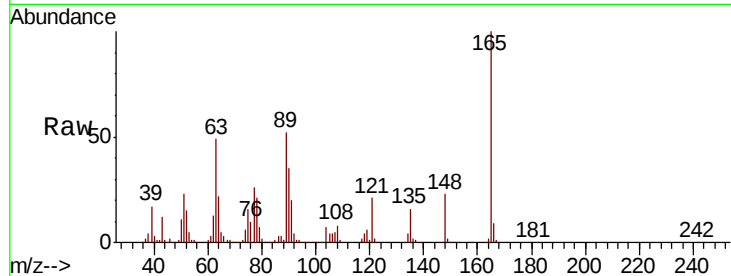
ClientSampleId :

PB120902BS

Tot Ion:	165	Resp:	371987
Ion Ratio	Lower	Upper	
165	100		
63	49.3	39.4	59.2
89	51.8	42.0	63.0

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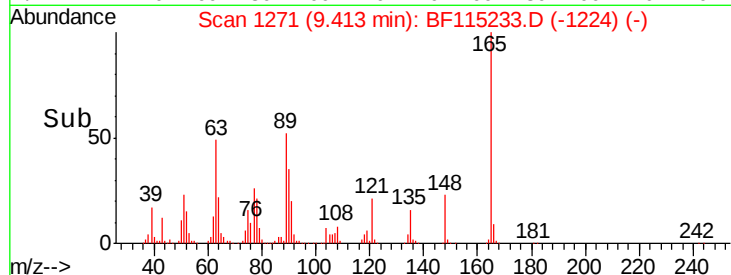


Abundance Ion 165.00 (164.70 to 165.70): E

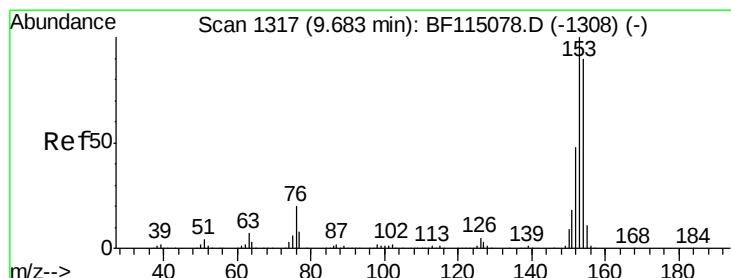
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 44.676 ng

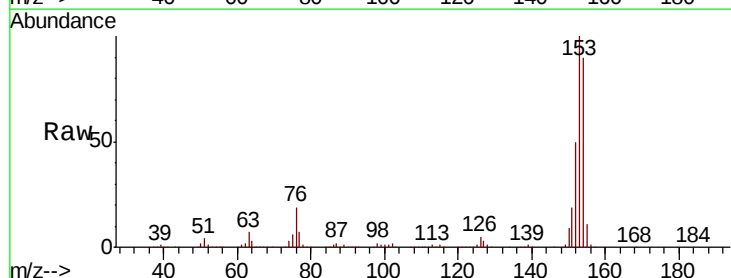
RT: 9.66 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion:	154	Resp:	1299586
Ion Ratio	Lower	Upper	
154	100		
153	111.4	88.7	133.1
152	55.3	42.6	64.0

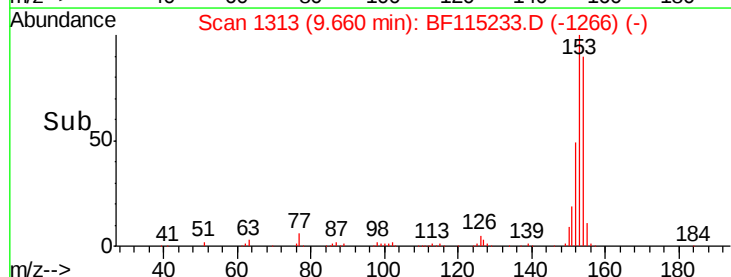


Abundance Ion 154.00 (153.70 to 154.70): E

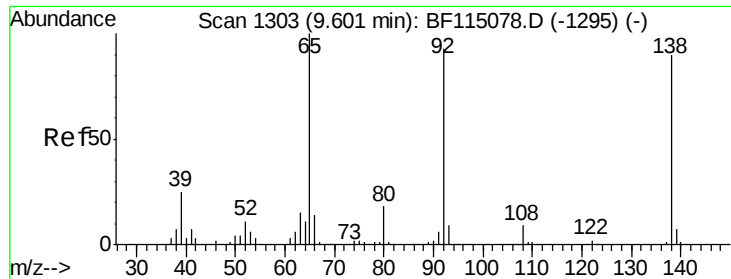
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



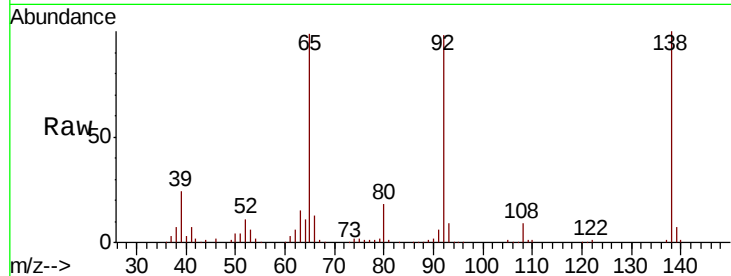
#53
3-Nitroaniline
Concen: 25.765 ng
RT: 9.58 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

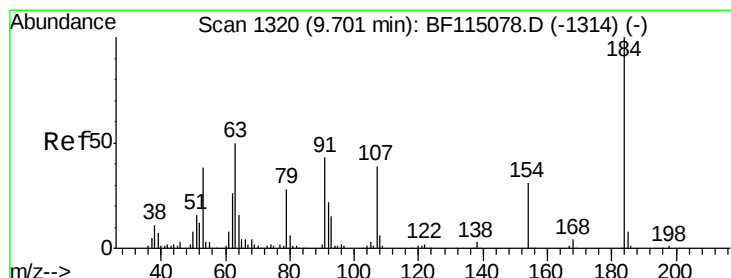
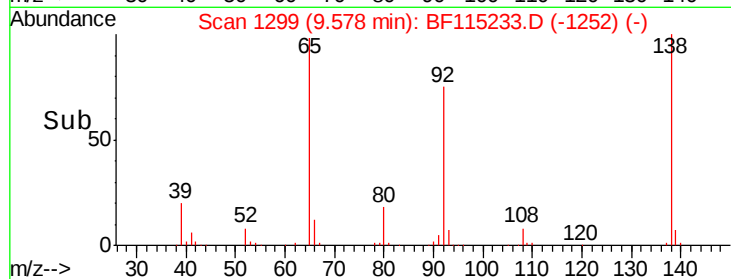
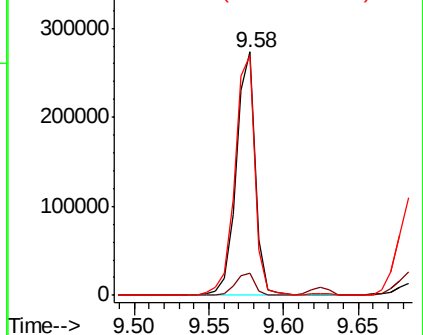
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.8	11.6
92	98.5	82.9	124.3

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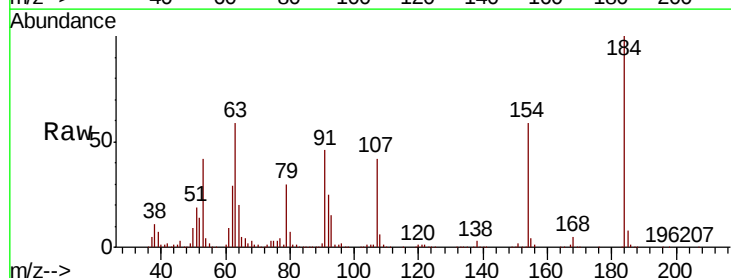


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

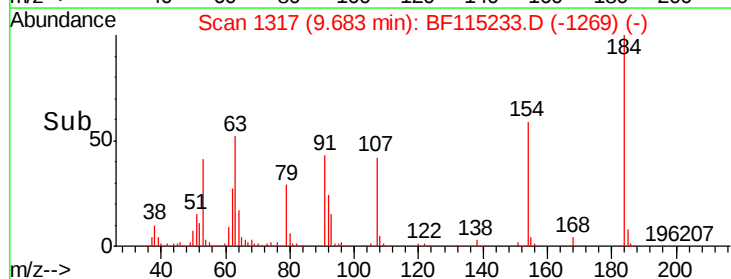
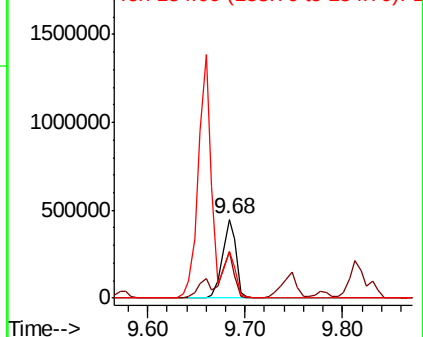


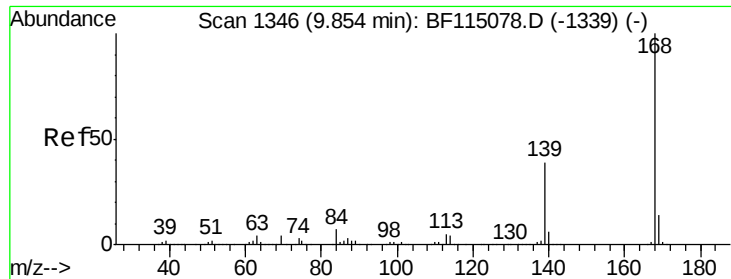
#54
2,4-Dinitrophenol
Concen: 104.106 ng
RT: 9.68 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	41.9	62.9
154	59.4	44.7	67.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





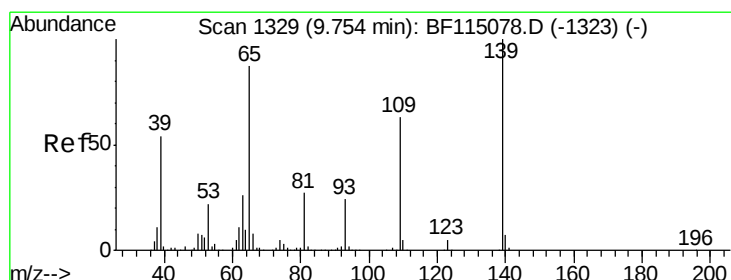
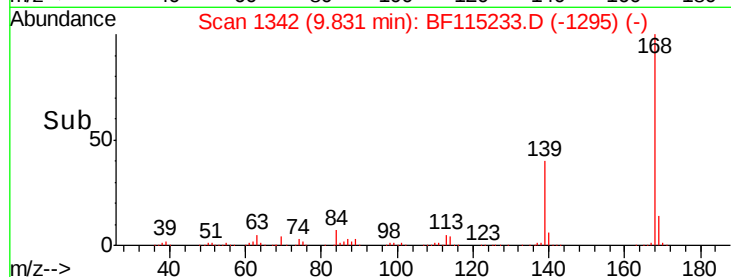
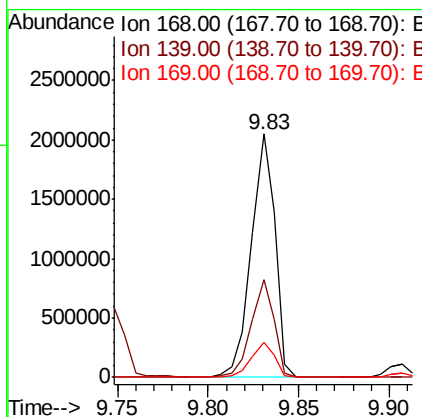
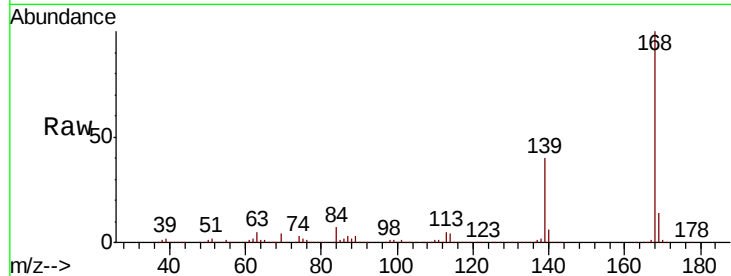
#55
Dibenzenofuran
Concen: 44.550 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampled :
PB120902BS

Tot Ion:168 Resp: 1859973
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 14.4 11.3 16.9

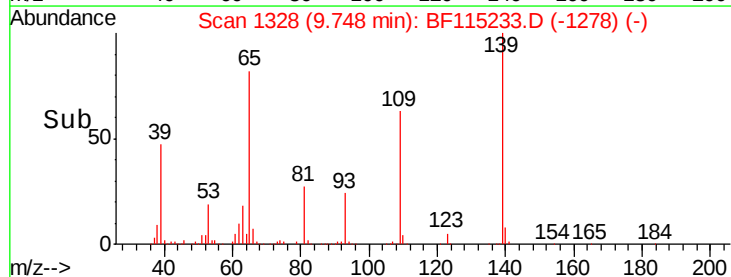
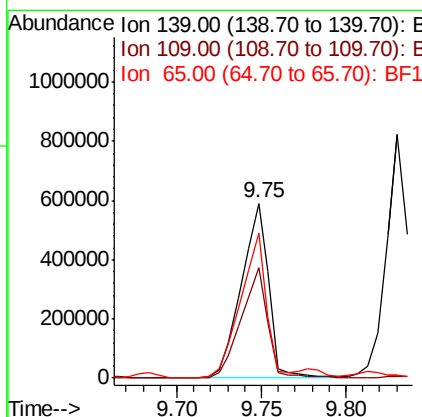
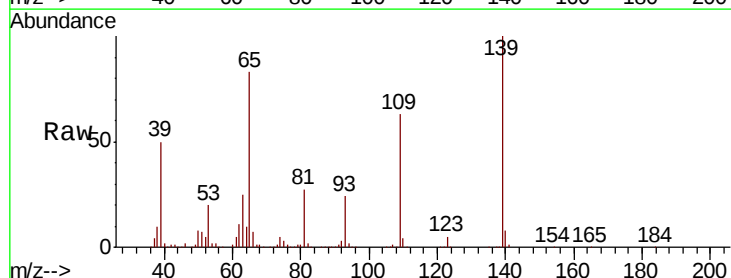
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#56
4-Nitrophenol
Concen: 87.785 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:139 Resp: 670606
Ion Ratio Lower Upper
139 100
109 62.9 43.0 83.0
65 82.8 67.0 107.0





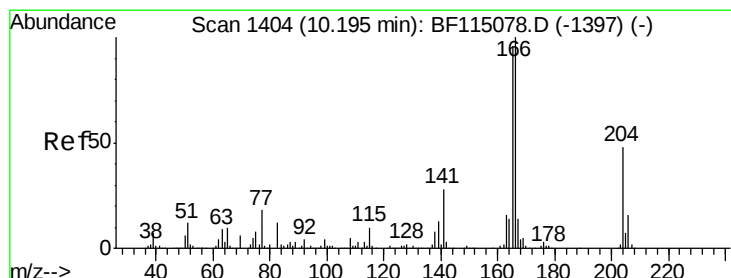
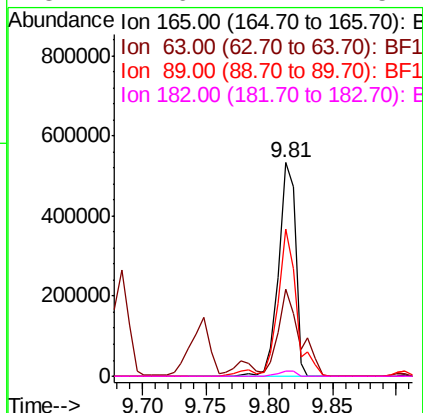
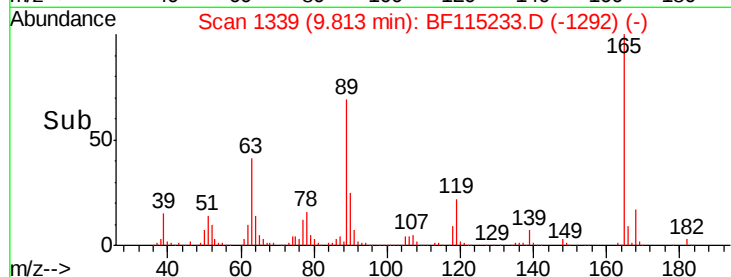
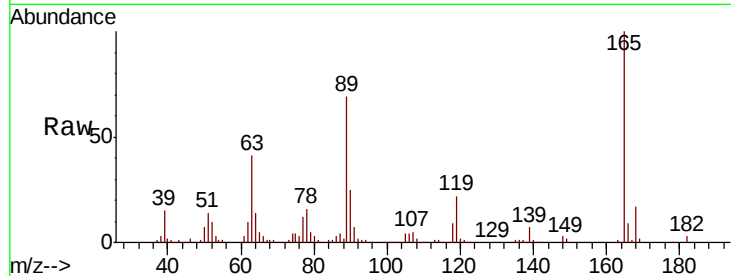
#57
 2,4-Dinitrotoluene
 Concen: 48.541 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	489406		
63	40.7	27.5	41.3	
89	68.9	49.9	74.9	
182	2.6	2.1	3.1	

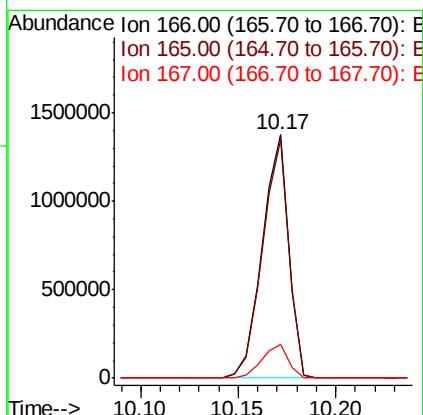
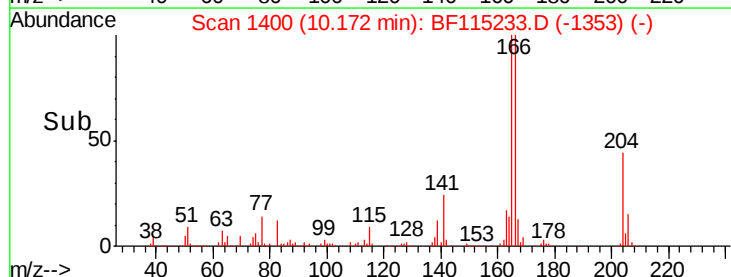
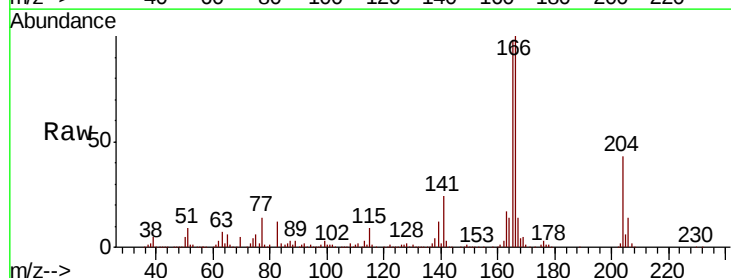
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#58
 Fluorene
 Concen: 46.602 ng
 RT: 10.17 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1288879		
165	97.8	76.5	114.7	
167	13.8	11.0	16.4	





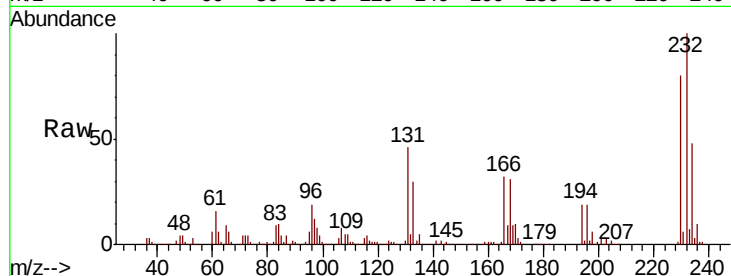
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.661 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.4	56.0
130	2.2	1.8	2.6
166	30.4	24.6	36.8

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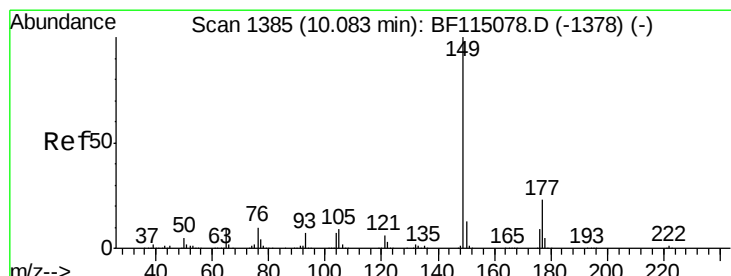
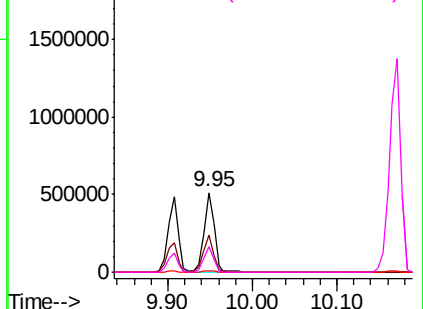
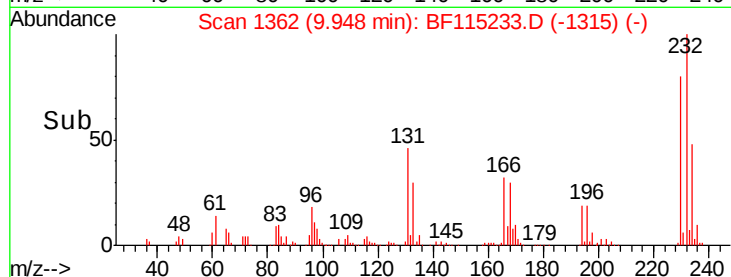
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

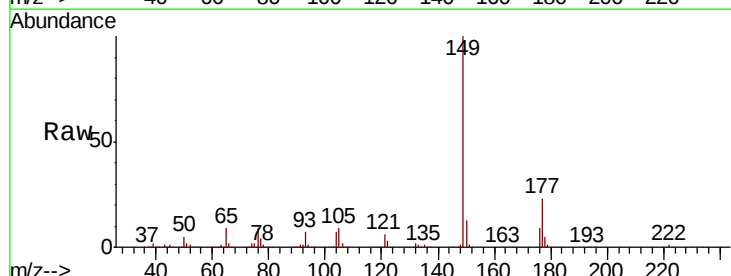
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.569 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.02 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	13.3	10.4	15.6

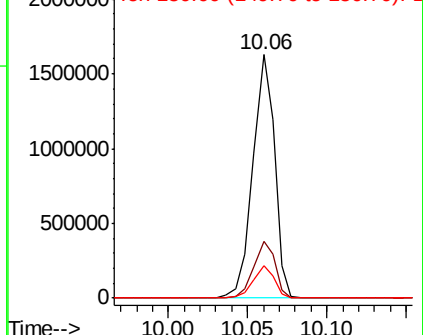
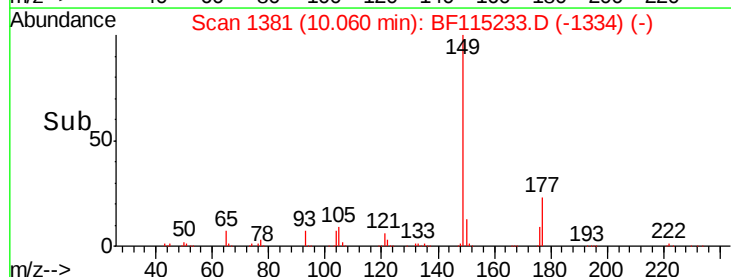


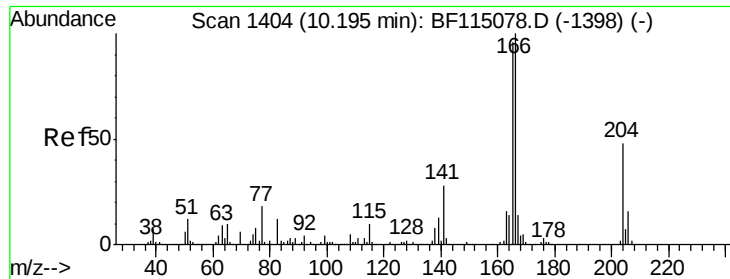
Abundance

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





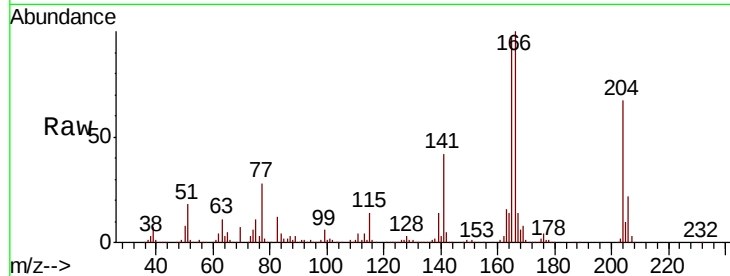
#61
4-Chlorophenyl-phenylether
Concen: 48.625 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleID :
PB120902BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	40.0
141	62.9	46.7	70.1

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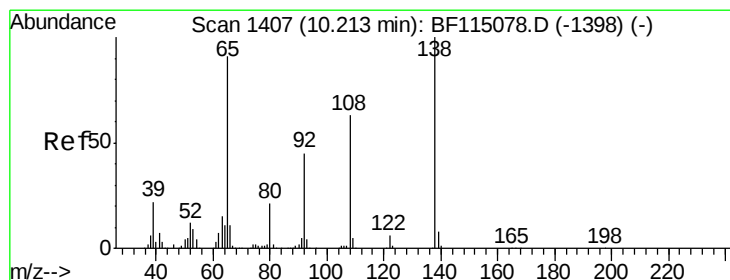
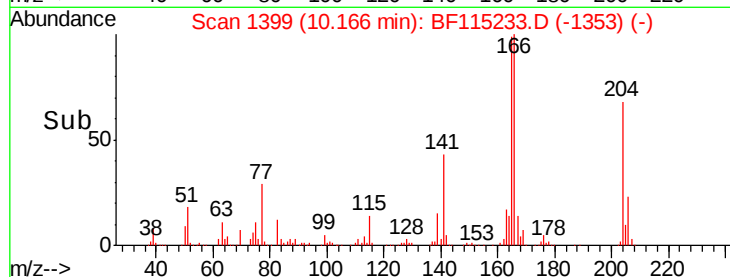
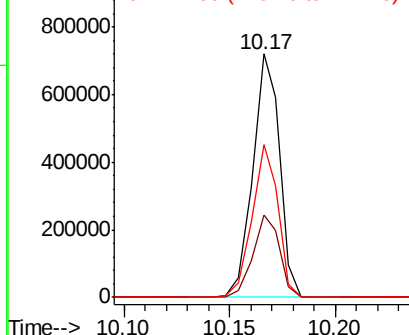


Abundance

Ion 204.00 (203.70 to 204.70): E

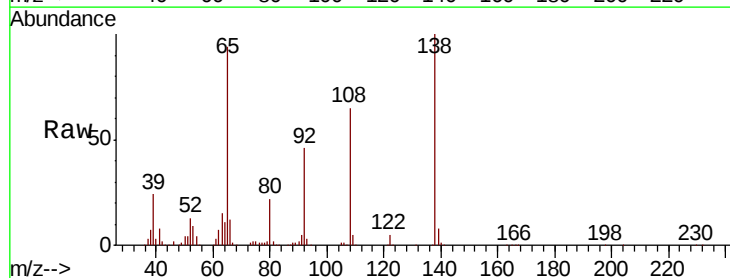
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.136 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	24.8	64.8
108	64.8	43.3	83.3

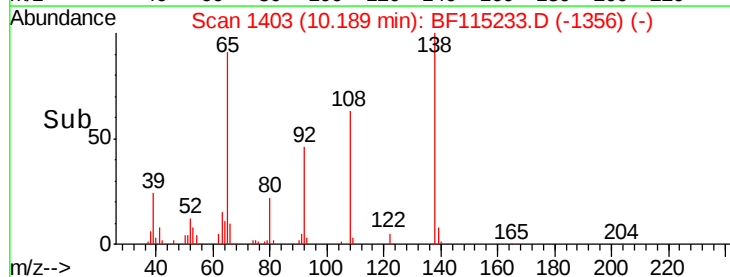
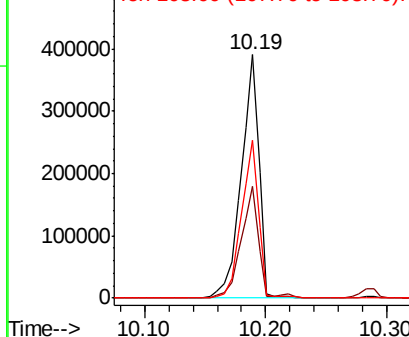


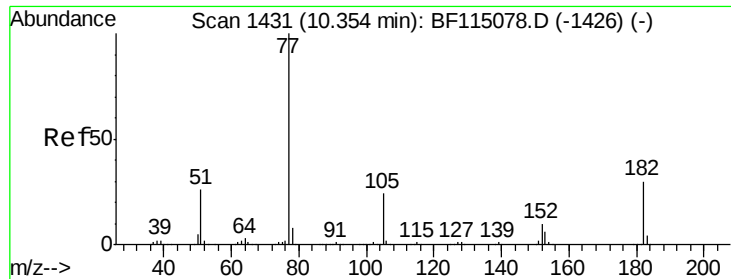
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





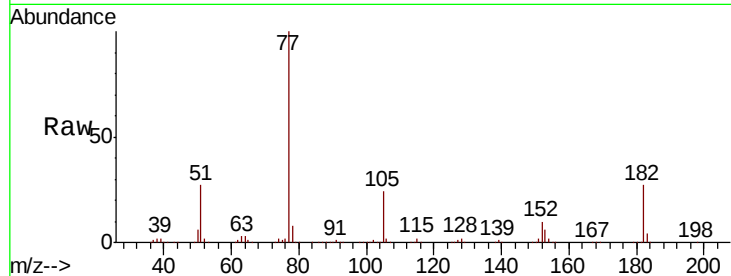
#63
Azobenzene
Concen: 44.732 ng
RT: 10.32 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

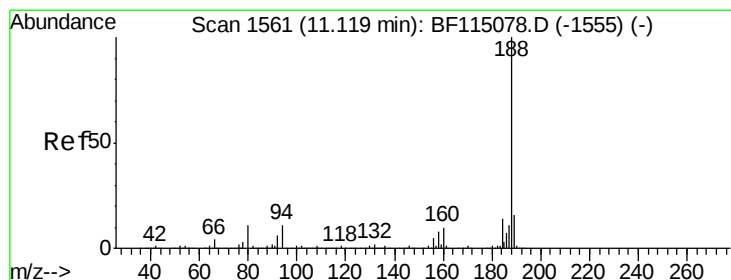
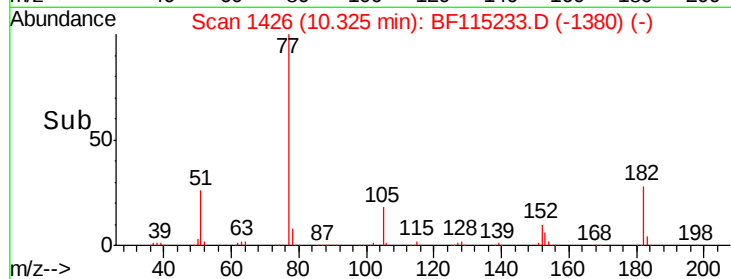
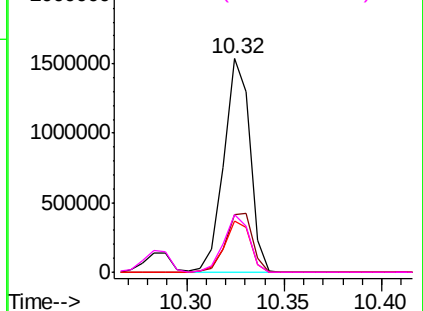
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	10.1	50.1
105	23.7	4.5	44.5
51	27.0	6.4	46.4

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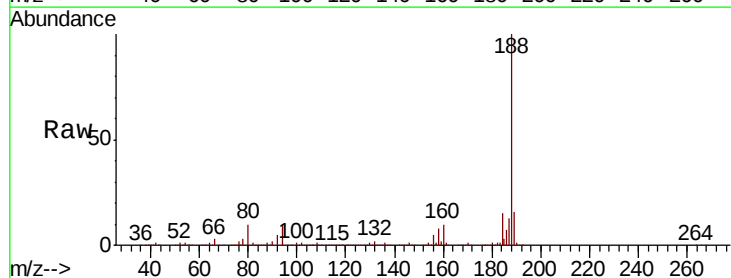


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

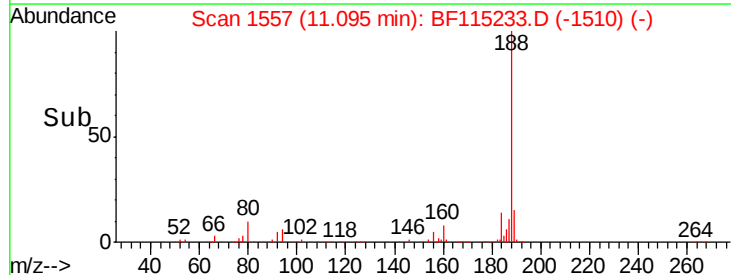
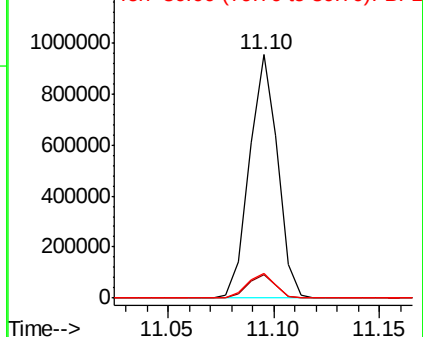


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	12.8
80	10.3	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: 52.610 ng

RT: 10.22 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampled :

PB120902BS

Tot Ion:198 Resp: 250206

Ion Ratio Lower Upper

198 100

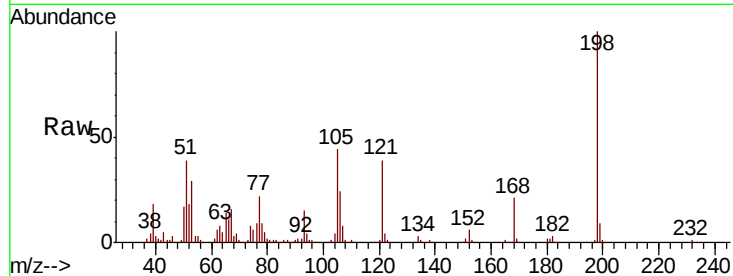
51 38.6 11.0 51.0

105 43.5 17.3 57.3

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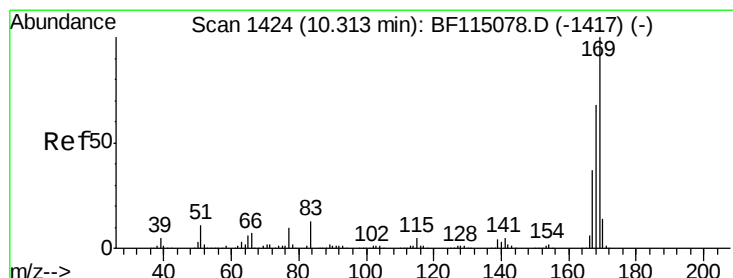
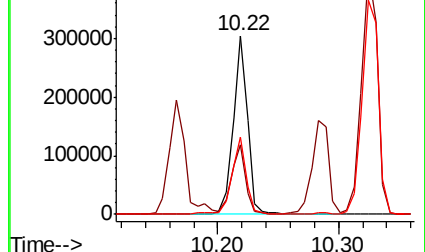
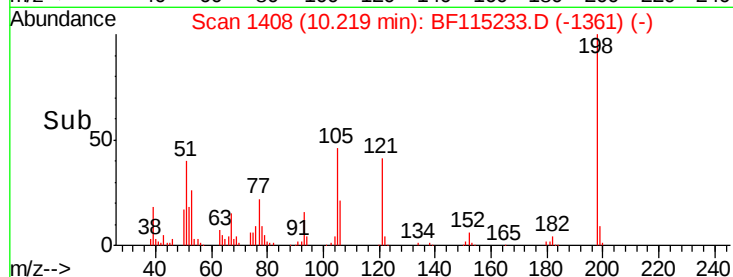
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.739 ng

RT: 10.29 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

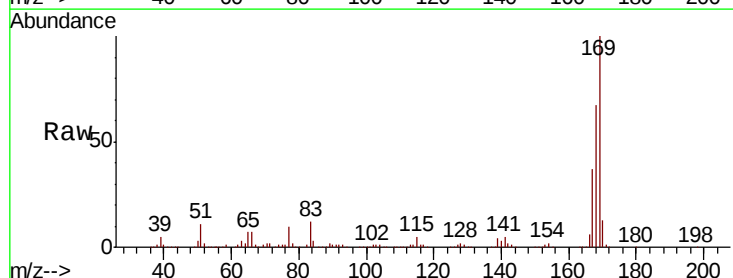
Tgt Ion:169 Resp: 1288516

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.4

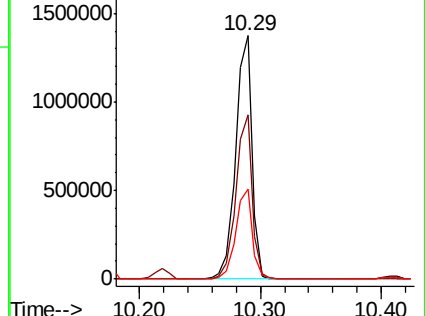
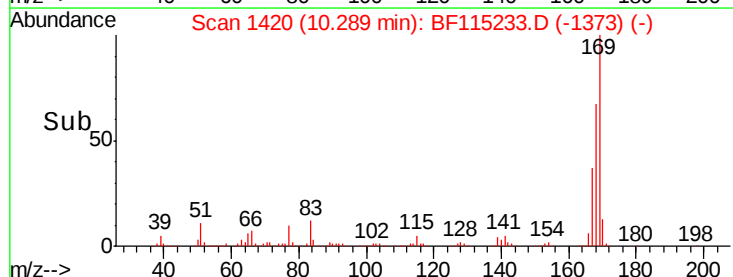
167 37.1 29.4 44.0

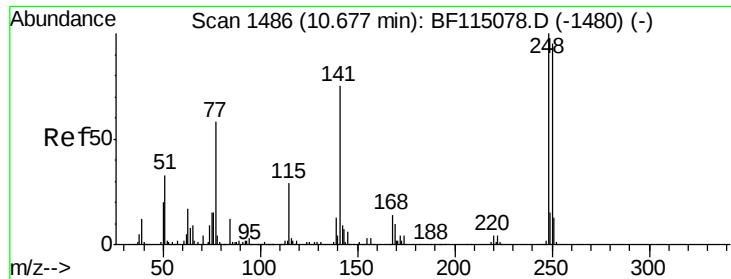


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





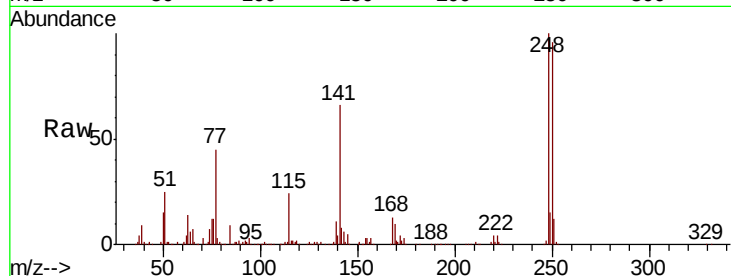
#67
4-Bromophenyl-phenylether
Concen: 47.175 ng
RT: 10.65 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.2	114.2
141	65.6	59.6	89.4

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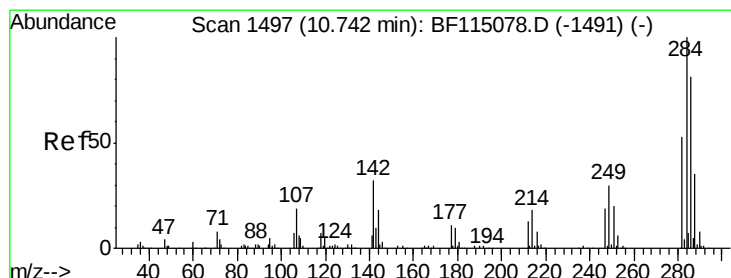
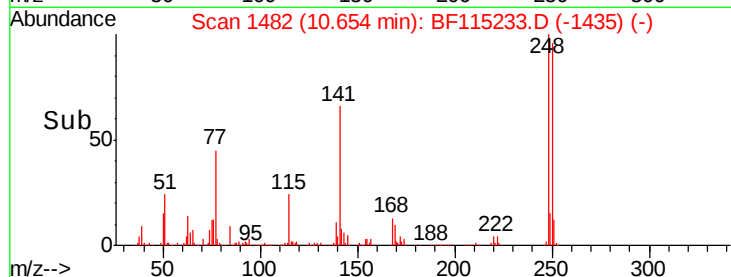
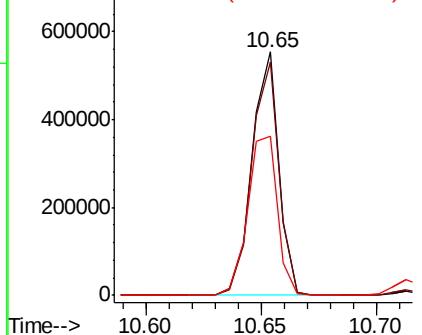


Abundance

Ion 248.00 (247.70 to 248.70): E

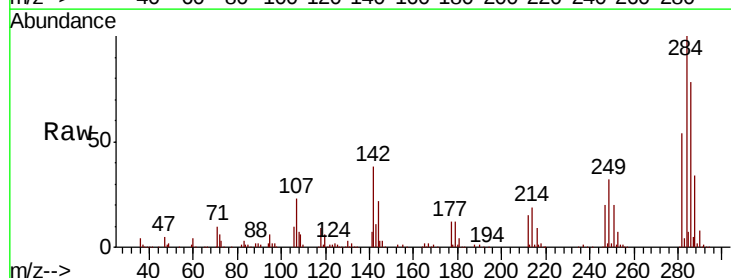
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.080 ng
RT: 10.71 min Scan# 1492
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	25.8	38.8
249	31.7	24.2	36.4

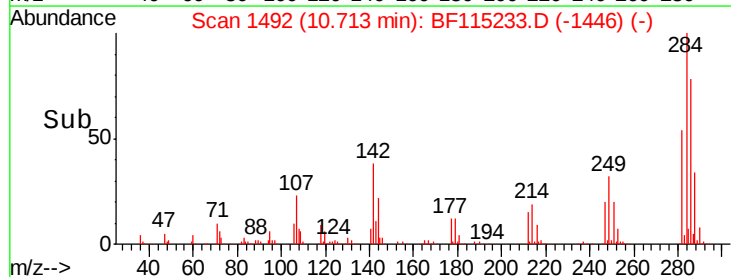
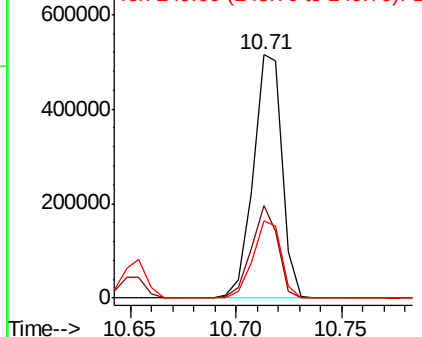


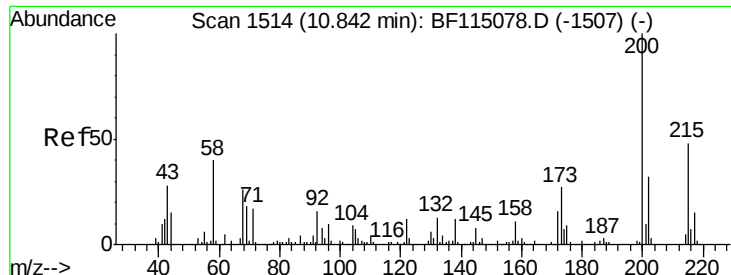
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





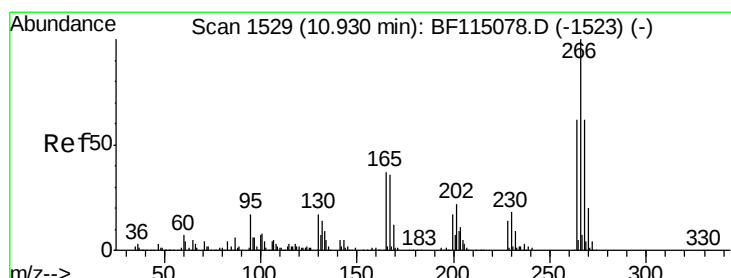
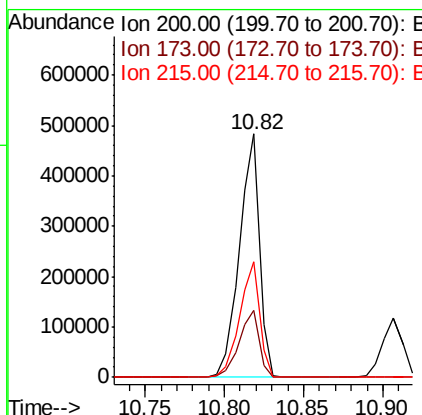
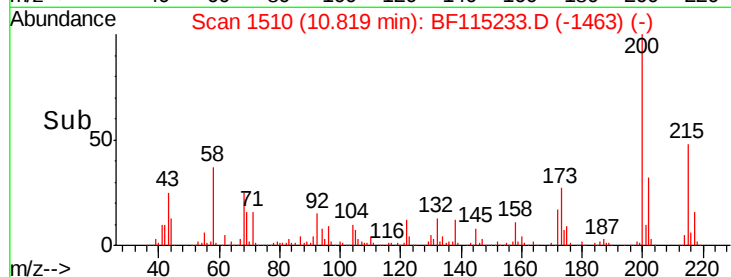
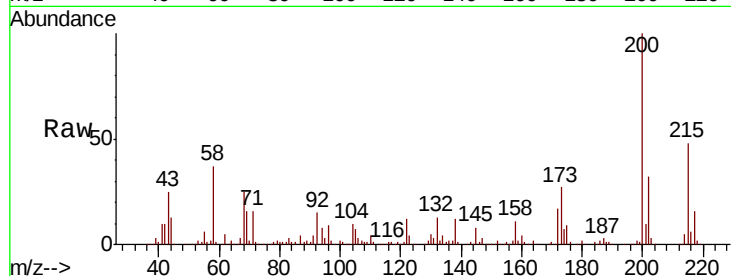
#69
Atrazine
Concen: 47.494 ng
RT: 10.82 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	47.7	27.8	67.8

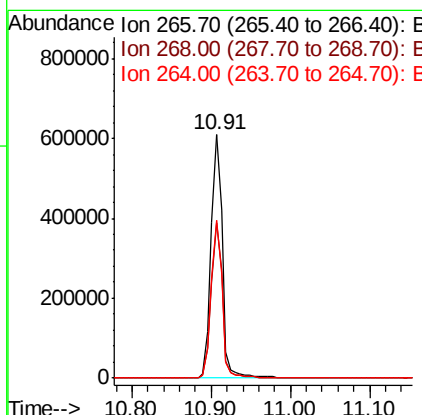
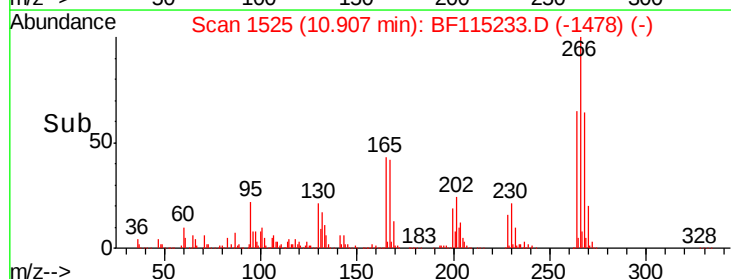
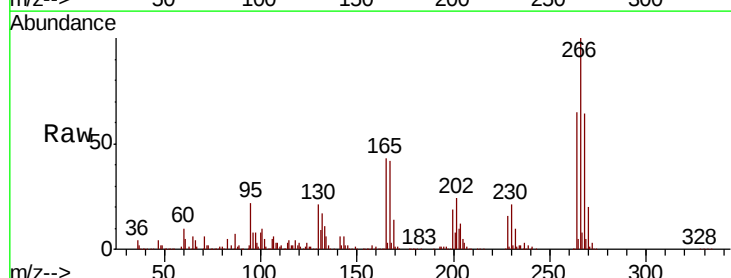
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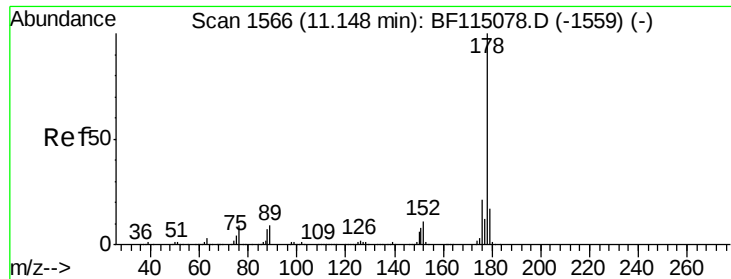
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#70
Pentachlorophenol
Concen: 90.988 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.5	74.3
264	64.8	49.3	73.9





#71

Phenanthrene

Concen: 43.779 ng

RT: 11.12 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

Tot Ion:178 Resp: 2085808

Ion Ratio Lower Upper

178 100

176 21.0 16.9 25.3

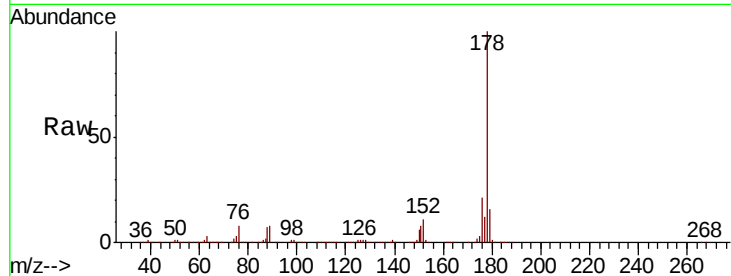
179 16.5 13.2 19.8

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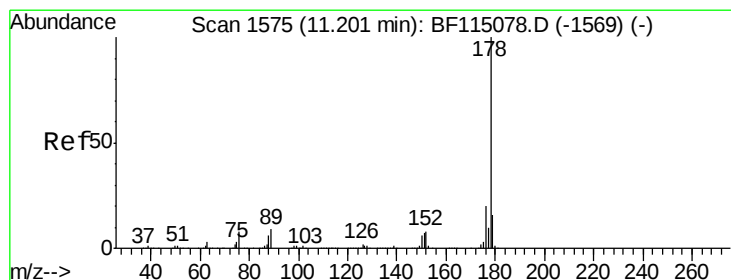
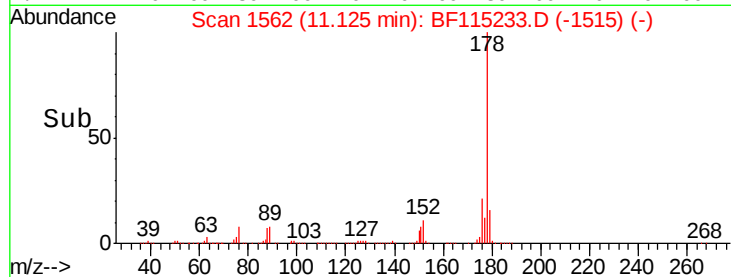
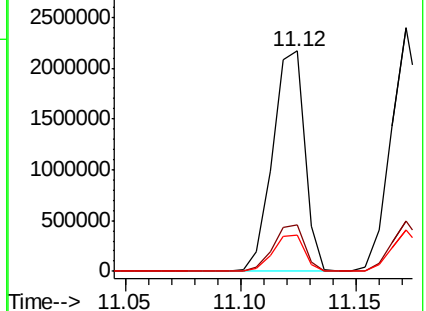
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.121 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion:178 Resp: 2170008

Ion Ratio Lower Upper

178 100

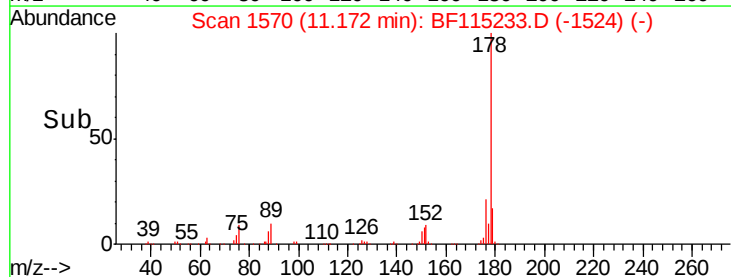
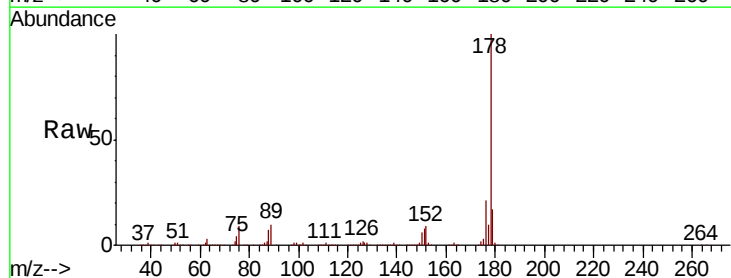
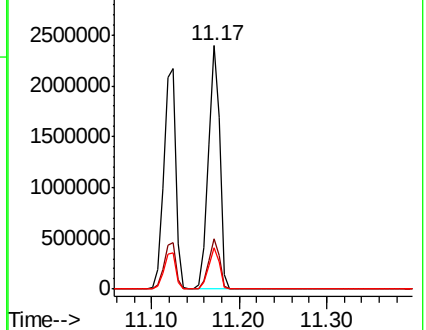
176 20.8 16.1 24.1

179 17.0 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: 45.520 ng

RT: 11.32 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampled :

PB120902BS

Tot Ion:167 Resp: 1954868

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

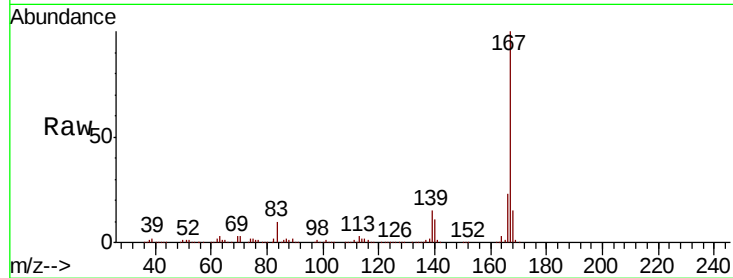
139 14.5 11.1 16.7

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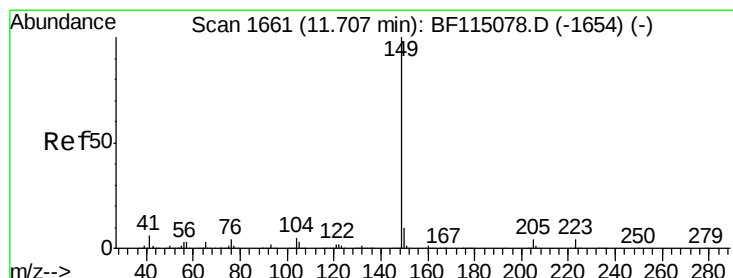
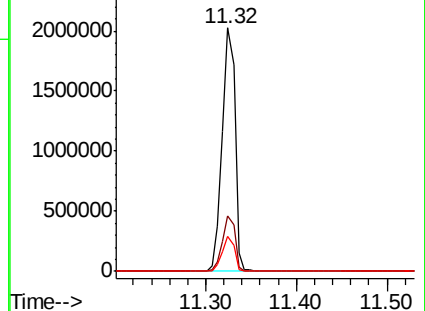
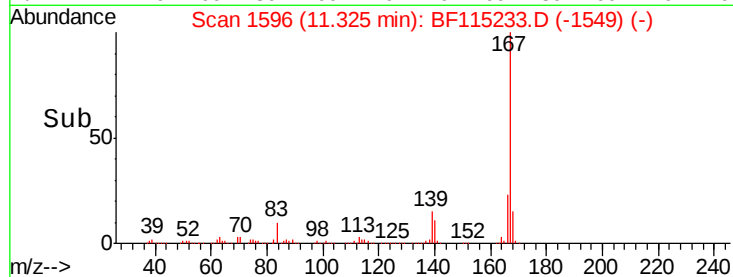
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.879 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

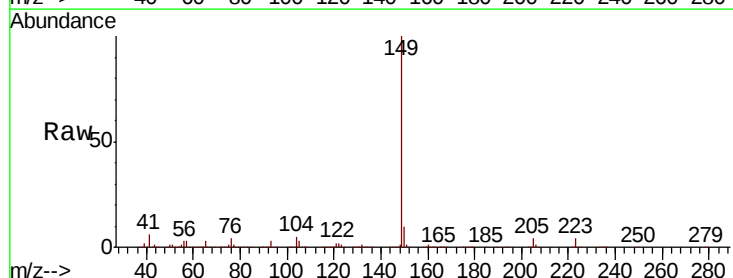
Tgt Ion:149 Resp: 2326398

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.8

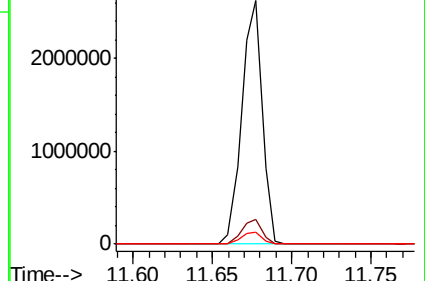
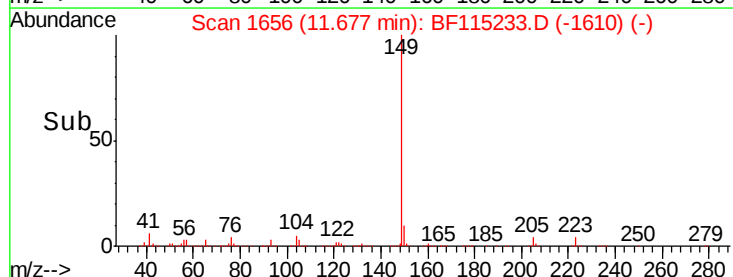
104 4.7 3.7 5.5

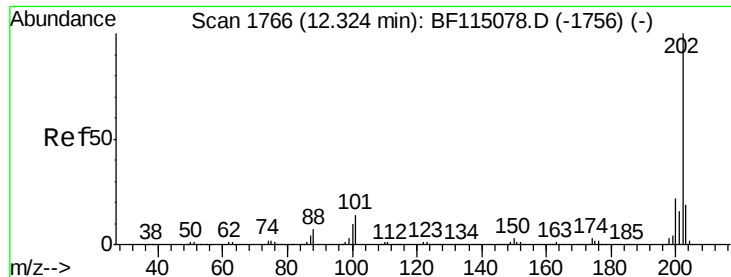


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.418 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

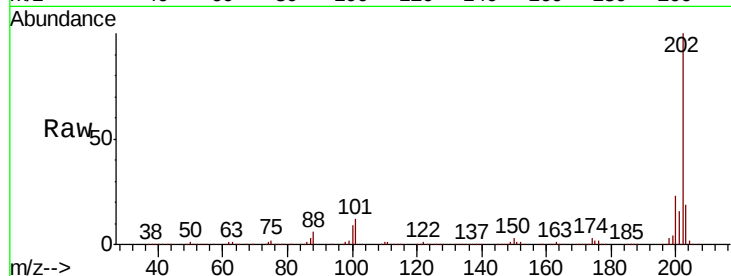
ClientSampleId :

PB120902BS

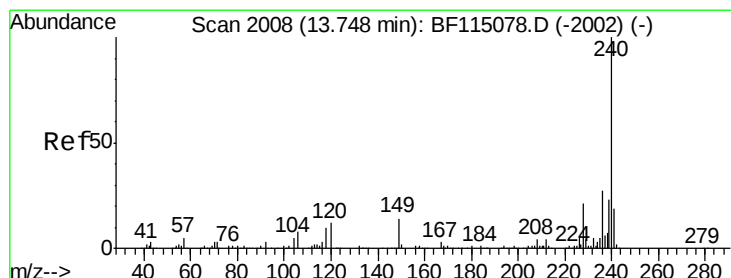
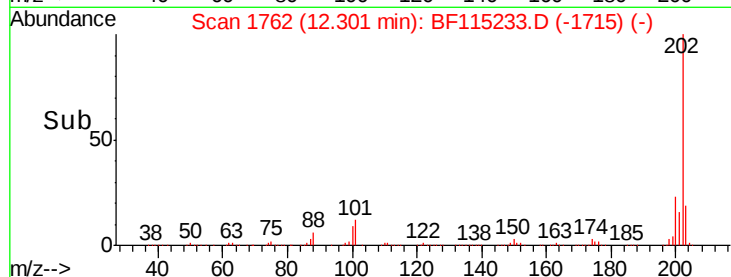
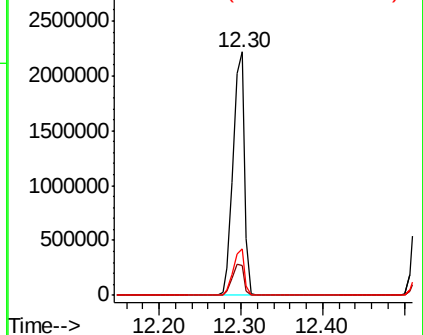
Tot Ion:	202	Resp:	2158995
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	34.0
203	18.9	0.0	38.8

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



#76

Chrysene-d12

Concen: 20.000 ng

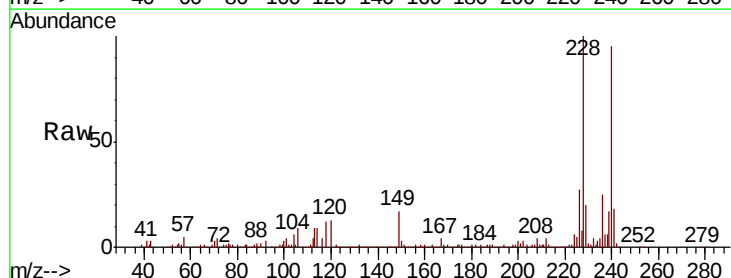
RT: 13.71 min Scan# 2002

Delta R.T. -0.04 min

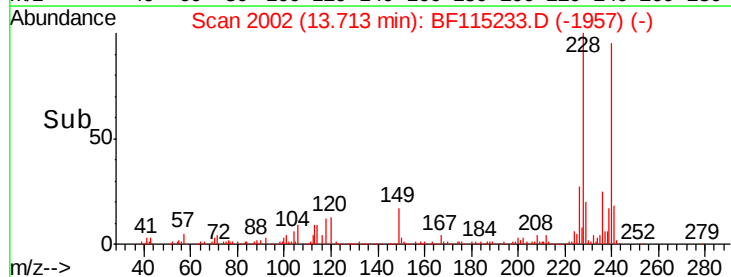
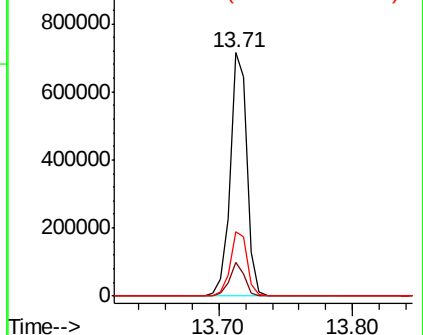
Lab File: BF115233.D

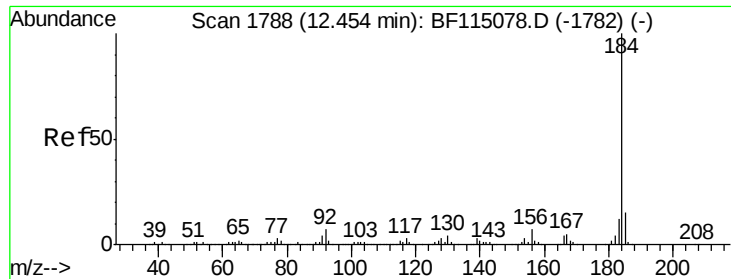
Acq: 27 Jun 2019 13:50

Tgt Ion:	240	Resp:	633495
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.4	14.2
236	26.5	21.7	32.5



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





#77

Benzidine

Concen: 26.632 ng

RT: 12.42 min Scan# 1782

Delta R.T. -0.04 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

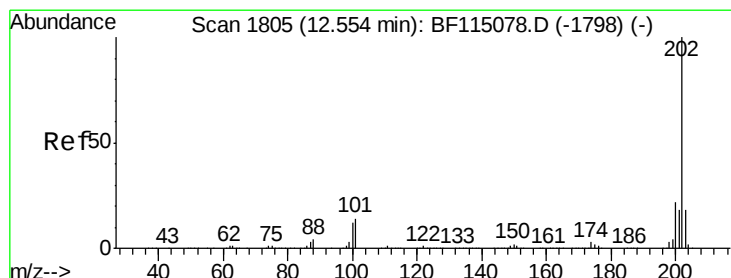
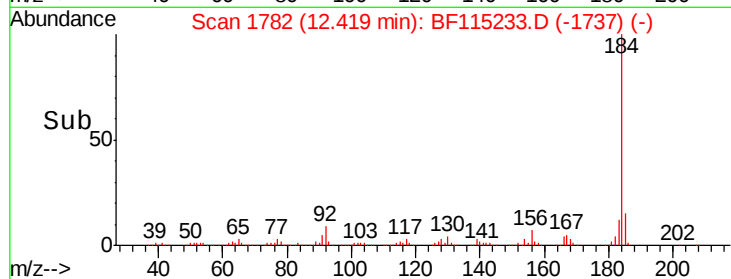
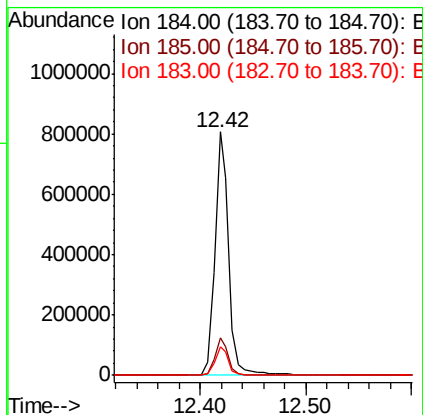
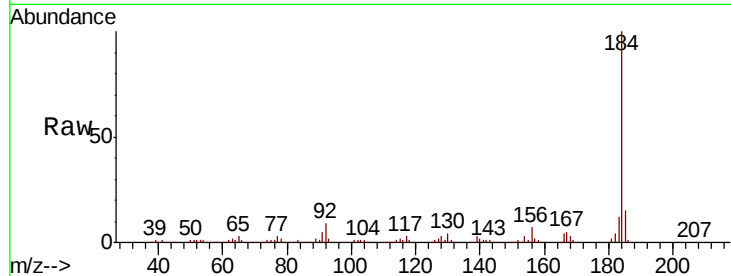
ClientSampleId :

PB120902BS

Tot Ion:	184	Resp:	749150
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	11.6	9.6	14.4

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#78

Pyrene

Concen: 45.313 ng

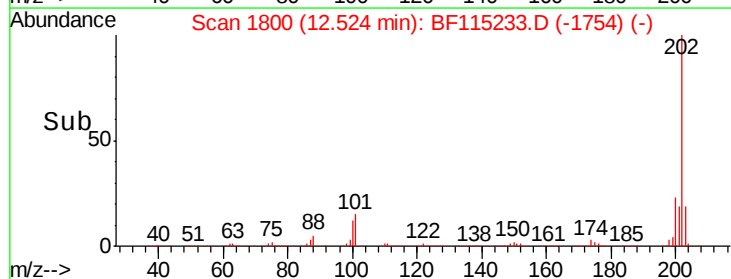
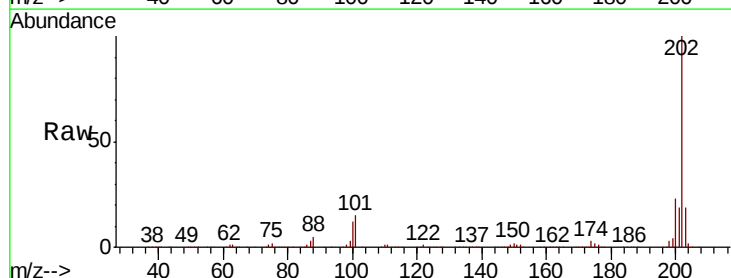
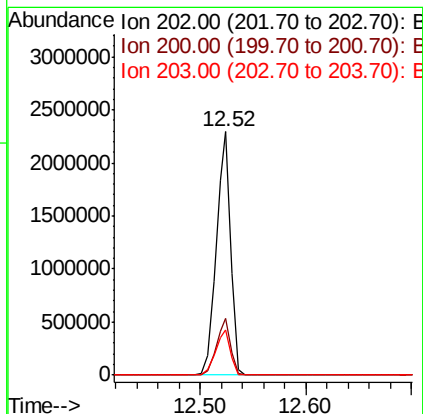
RT: 12.52 min Scan# 1800

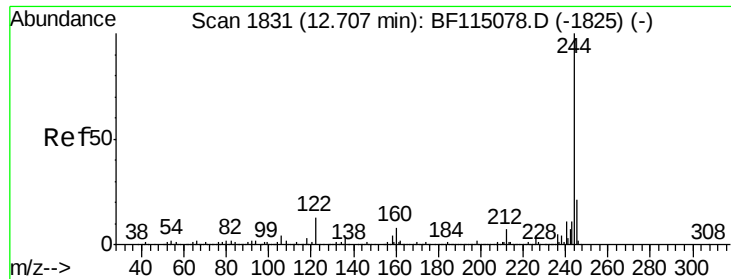
Delta R.T. -0.03 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Tgt Ion:	202	Resp:	2206046
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.9	26.9
203	18.8	14.6	21.8





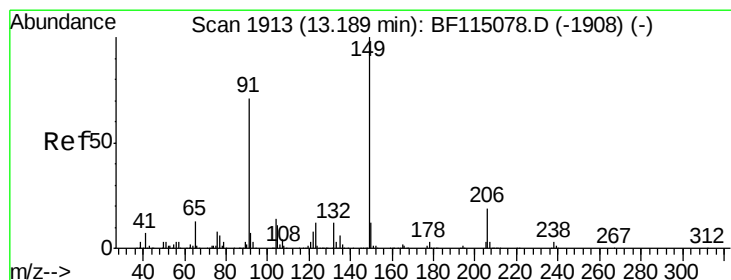
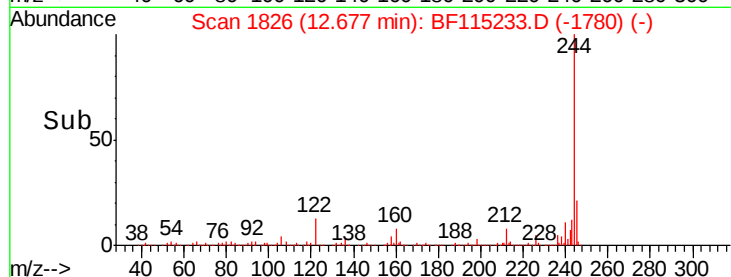
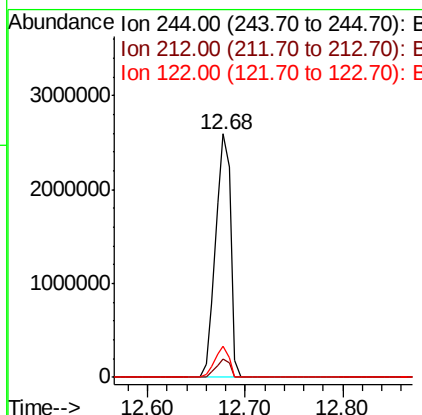
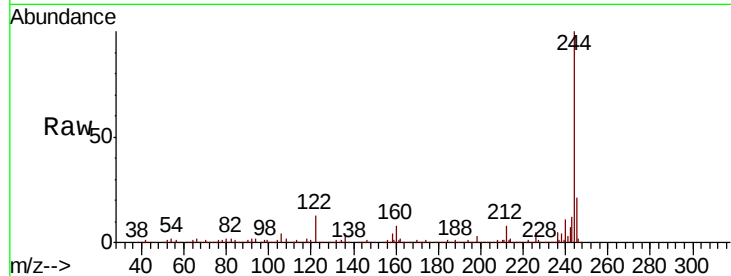
#79
 Terphenyl-d14
 Concen: 92.952 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120902BS

Tot Ion:244 Resp: 2769548
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 12.7 10.4 15.6

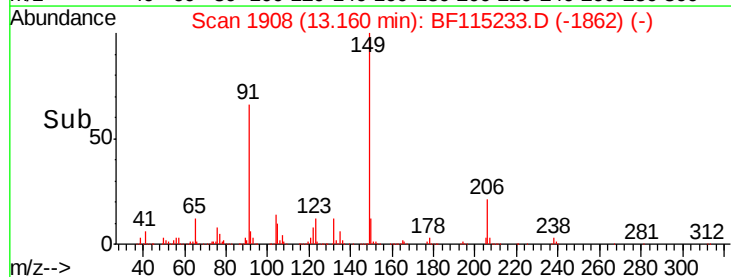
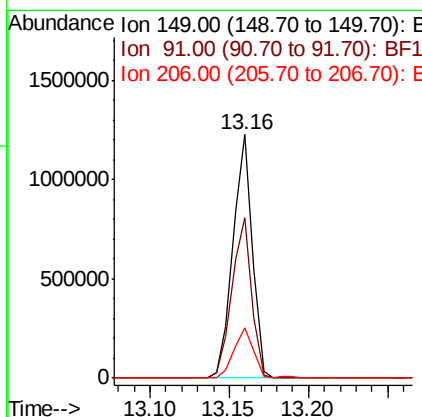
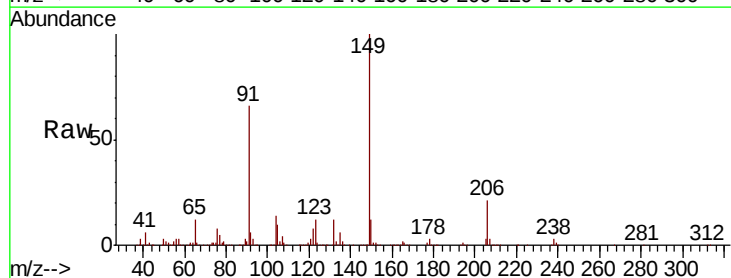
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#80
 Butylbenzylphthalate
 Concen: 48.560 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. -0.03 min
 Lab File: BF115233.D
 Acq: 27 Jun 2019 13:50

Tgt Ion:149 Resp: 1043307
 Ion Ratio Lower Upper
 149 100
 91 65.9 56.5 84.7
 206 20.9 15.3 22.9





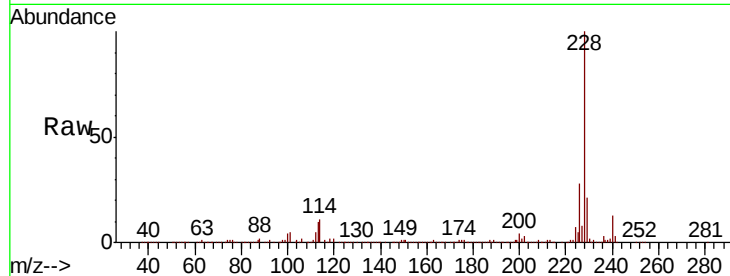
#81
Benzo(a)anthracene
Concen: 45.532 ng
RT: 13.71 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.1	22.5	33.7	
229	20.5	16.6	24.8	

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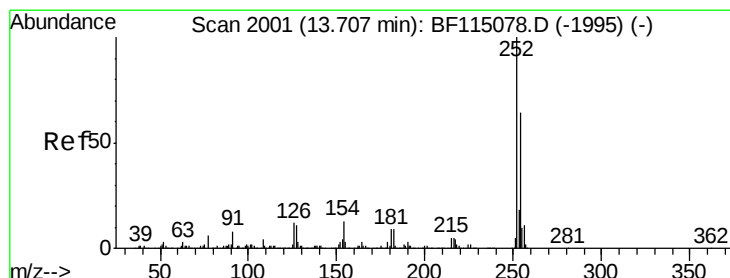
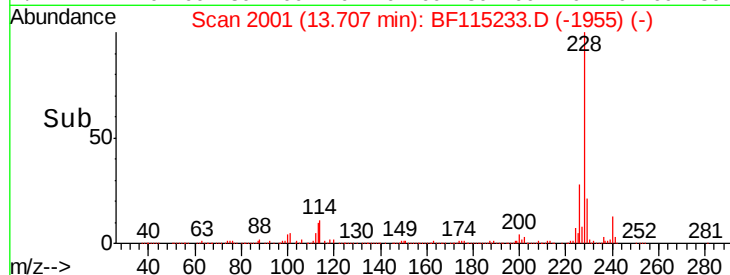
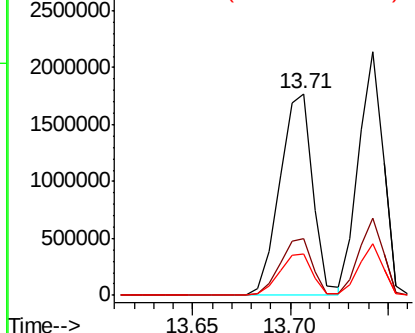


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.574 ng
RT: 13.67 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

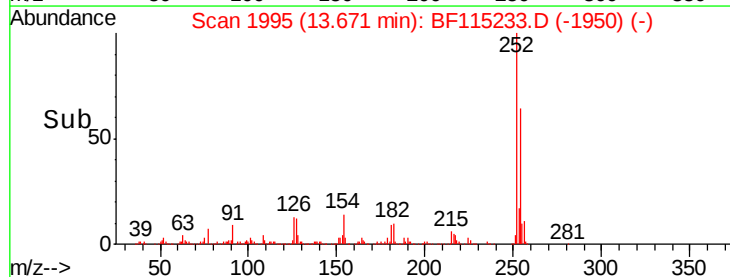
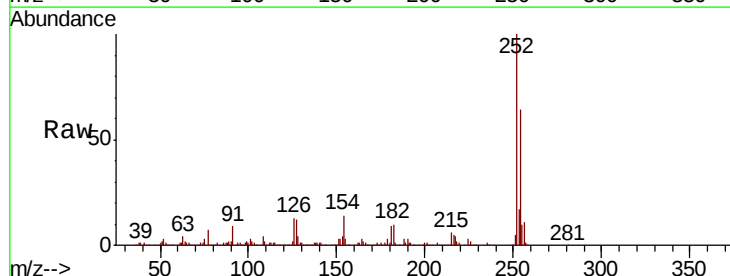
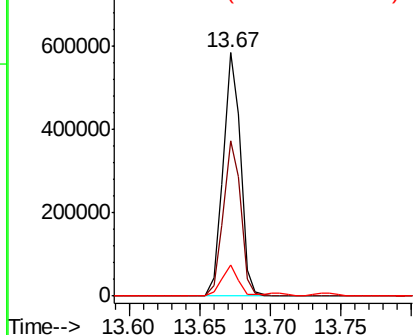
Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	63.8	51.1	76.7	
126	12.6	9.4	14.0	

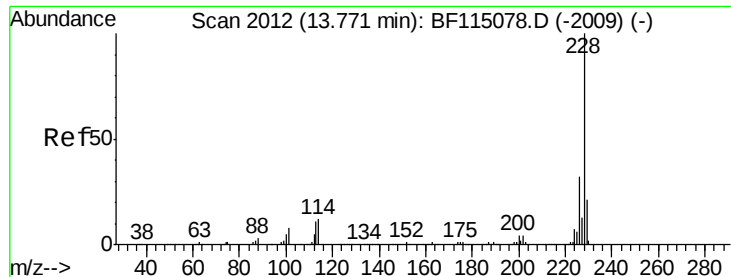
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





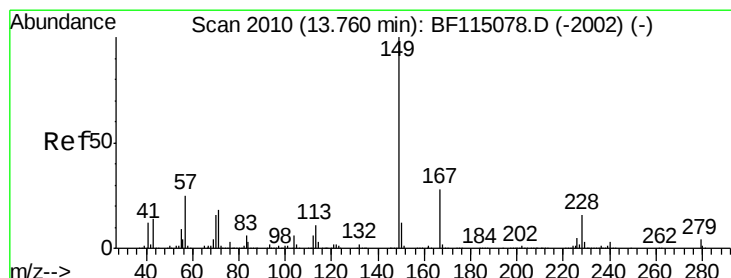
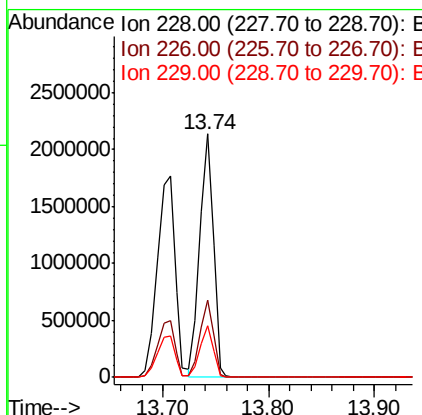
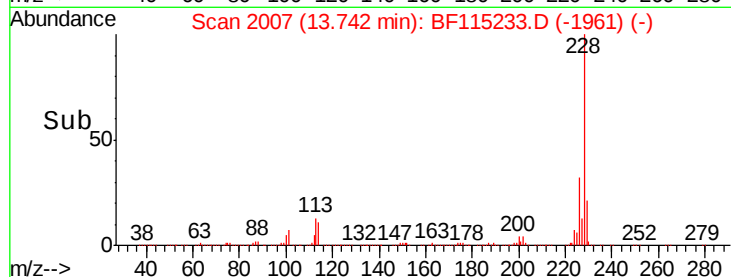
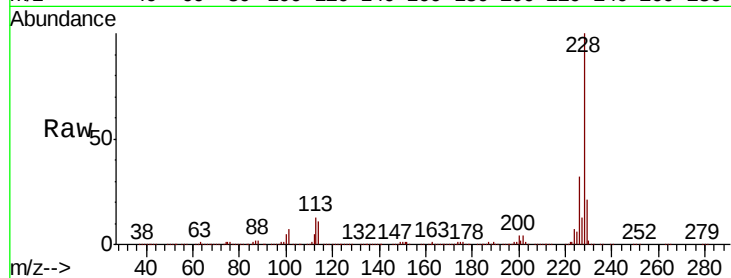
#83
Chrysene
Concen: 45.658 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.03 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampled :
PB120902BS

Tot Ion:228 Resp: 1901094
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.0
229 21.2 16.5 24.7

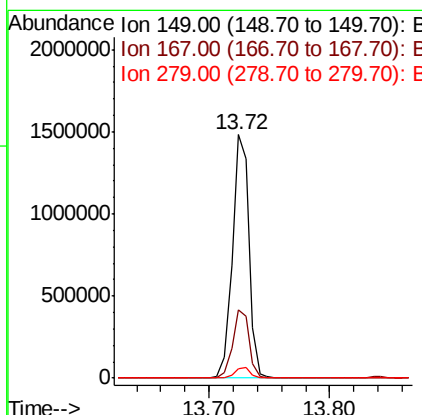
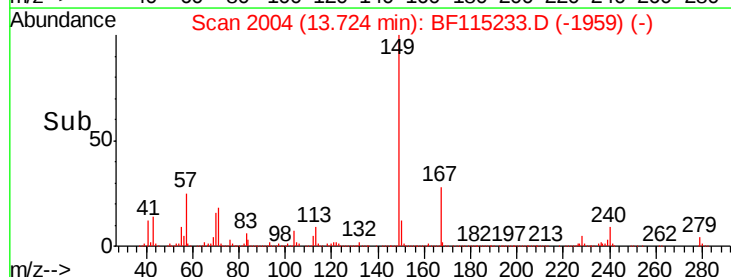
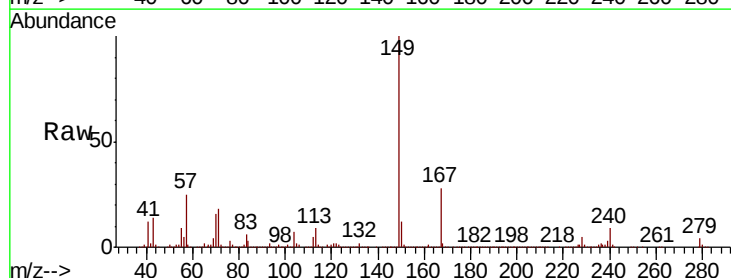
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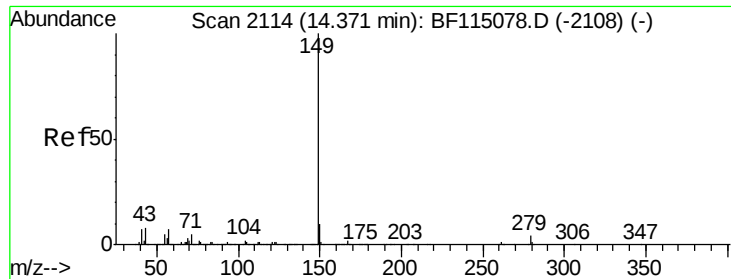
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.142 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion:149 Resp: 1411614
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 50.929 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.04 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB120902BS

Tot Ion:149 Resp: 2408958

Ion Ratio Lower Upper

149 100

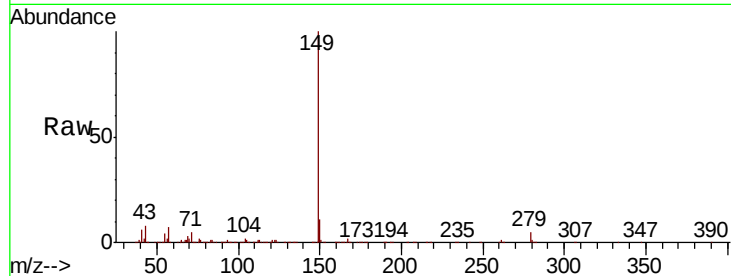
167 1.7 1.2 1.8

43 8.5 7.0 10.6

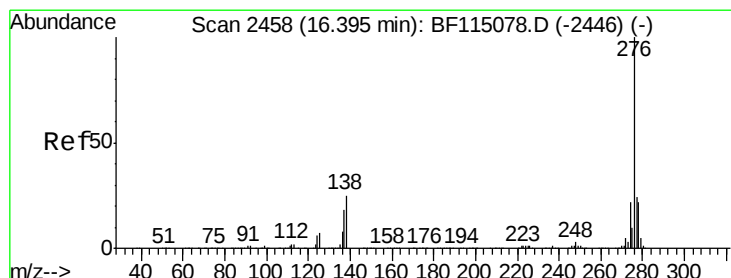
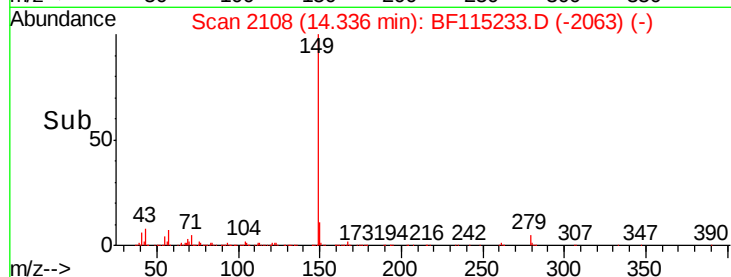
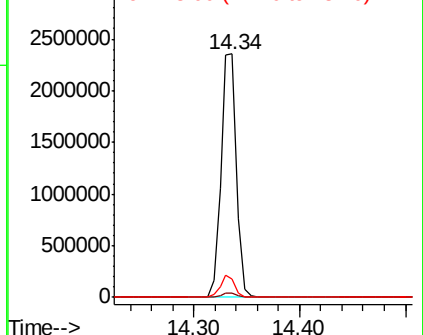
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.953 ng

RT: 16.34 min Scan# 2448

Delta R.T. -0.06 min

Lab File: BF115233.D

Acq: 27 Jun 2019 13:50

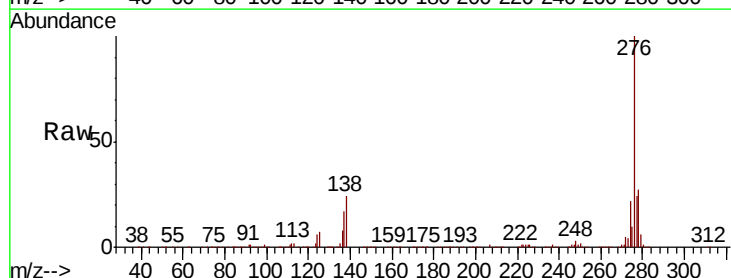
Tgt Ion:276 Resp: 2510455

Ion Ratio Lower Upper

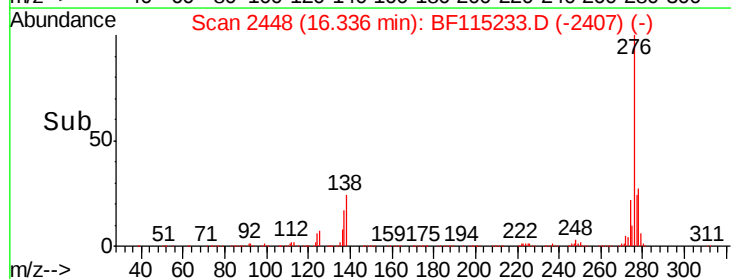
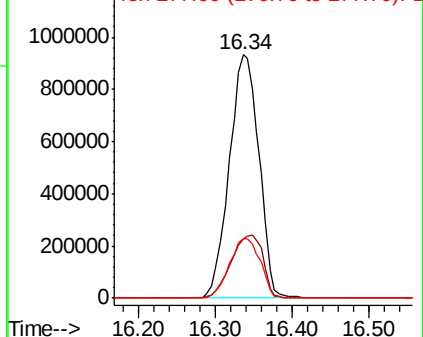
276 100

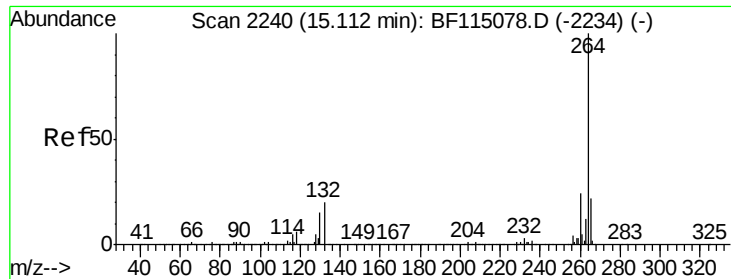
138 27.9 23.2 34.8

277 25.5 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





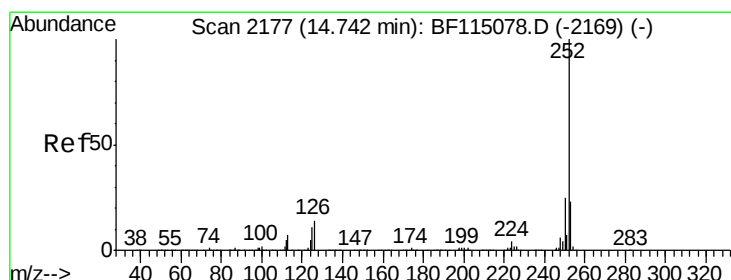
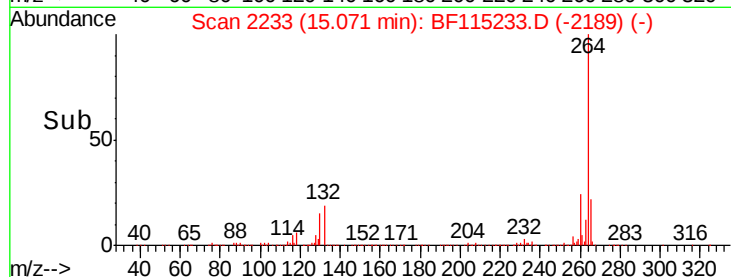
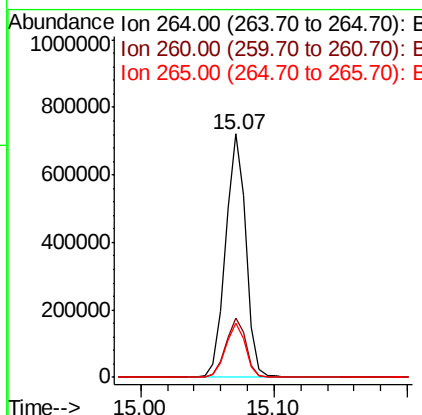
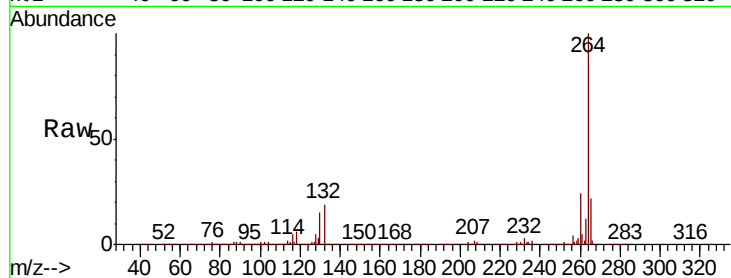
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.0	17.3	25.9

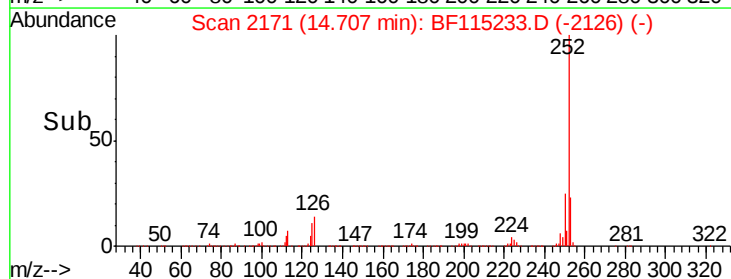
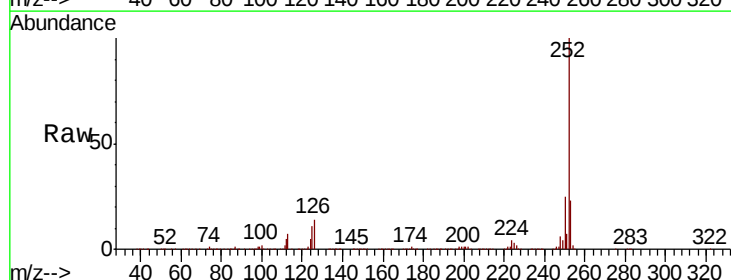
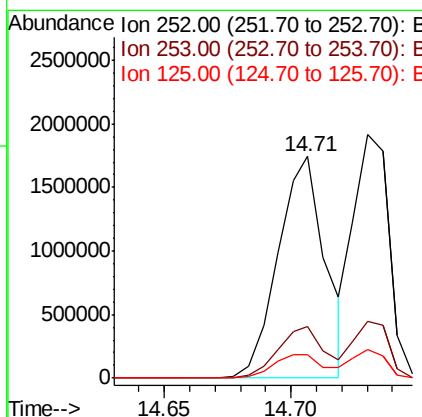
Manual Integrations
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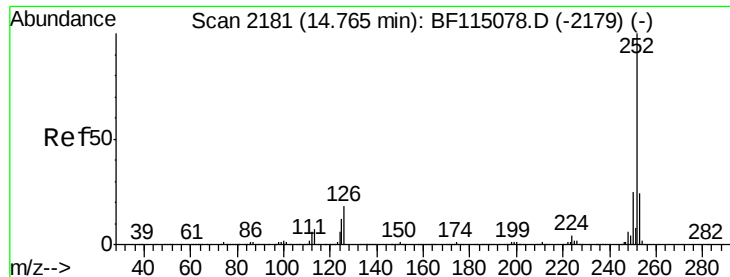
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#88
Benzo(b)fluoranthene
Concen: 46.895 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.7	8.7	13.1





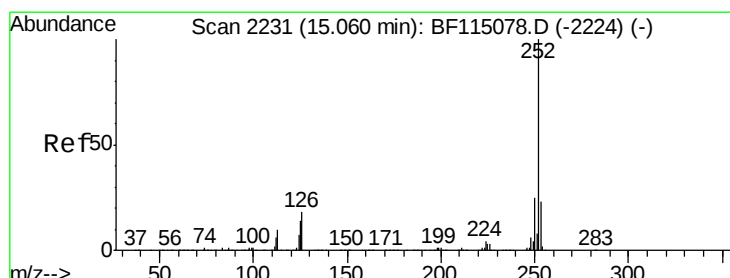
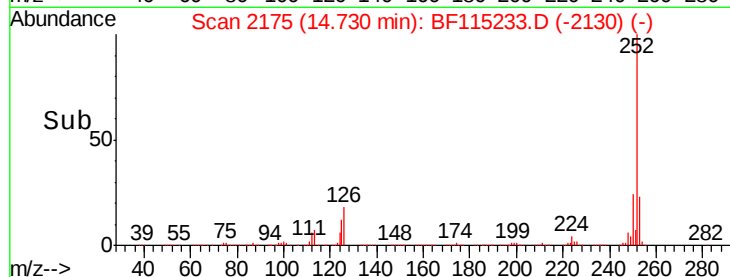
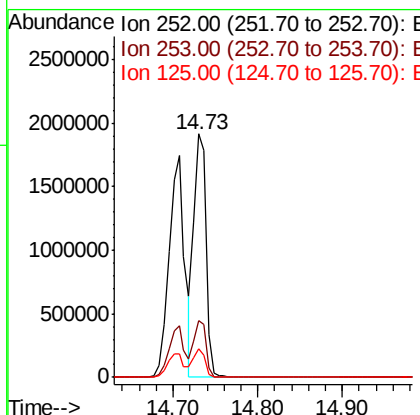
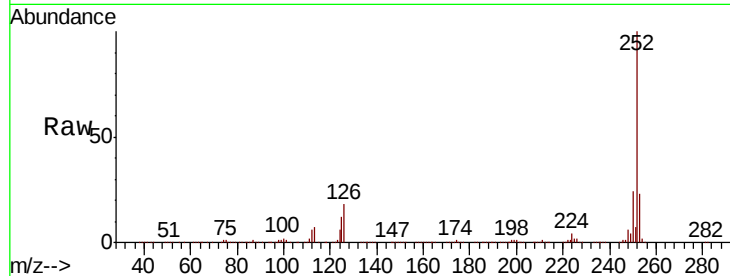
#89
Benzo(k)fluoranthene
Concen: 43.774 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	11.7	10.2	15.2

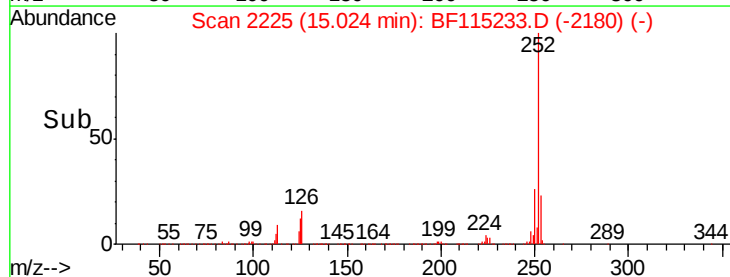
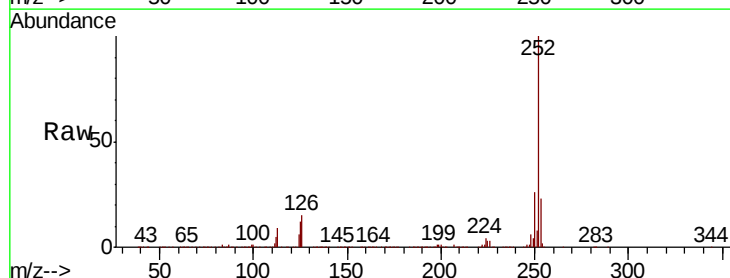
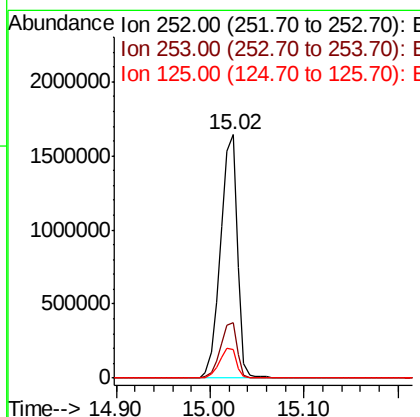
Manual Integrations
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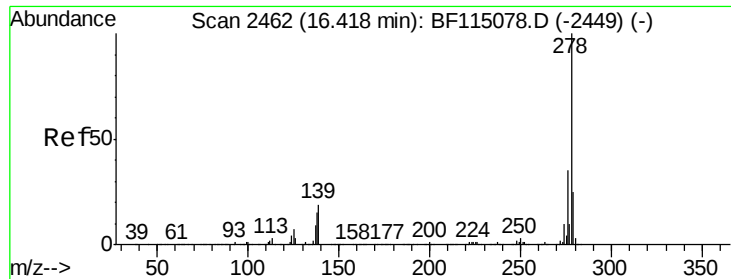
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#90
Benzo(a)pyrene
Concen: 47.463 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	11.8	10.9	16.3





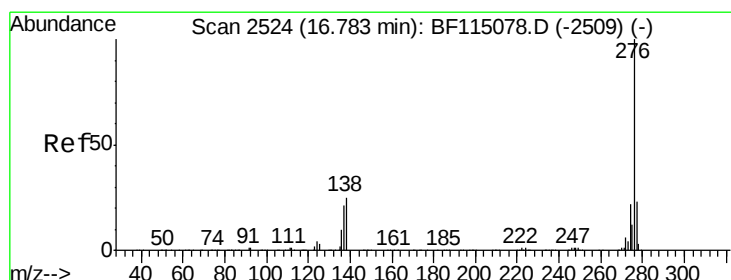
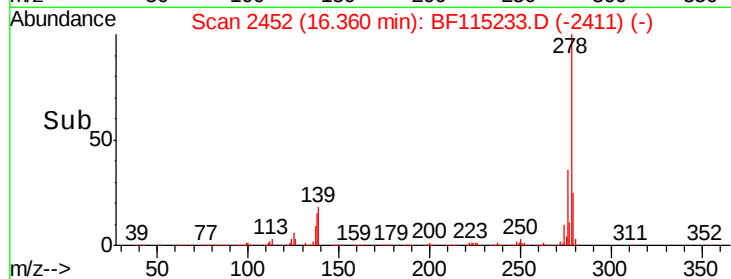
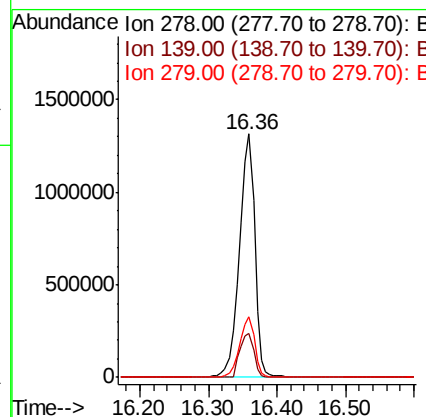
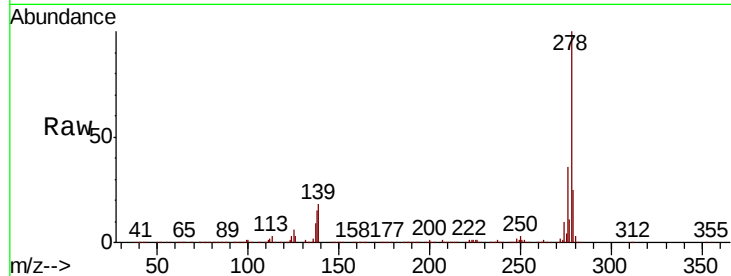
#91
Dibenzo(a,h)anthracene
Concen: 50.404 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.06 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB120902BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.4	23.2
279	24.8	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/28/2019 2:58:13 PM



#92
Benzo(g,h,i)perylene
Concen: 52.149 ng
RT: 16.72 min Scan# 2513
Delta R.T. -0.06 min
Lab File: BF115233.D
Acq: 27 Jun 2019 13:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	25.2	19.8	29.6

