

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115184.D
 Acq On : 25 Jun 2019 13:46
 Operator : HP/JU
 Sample : PB120809BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Manual Integrations
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mohammad
 6/26/2019 2:03:16 PM

Quant Time: Jun 26 06:44:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	264502	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1066493	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	541278	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1058691	20.00	ng	0.00
76) Chrysene-d12	13.74	240	728225	20.00	ng	-0.01
87) Perylene-d12	15.11	264	774073	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1897053	110.68	ng	0.02
7) Phenol-d6	6.26	99	2332969	112.14	ng	0.00
23) Nitrobenzene-d5	7.18	82	1452480	83.78	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	701843	122.96	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2715894	85.23	ng	-0.01
79) Terphenyl-d14	12.70	244	2904232	84.79	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	293293	36.257	ng	99
3) Pyridine	2.94	79	797857	34.994	ng	99
4) n-Nitrosodimethylamine	2.88	42	330379	36.963	ng	99
6) Aniline	6.27	93	701062	24.519	ng	# 1
8) 2-Chlorophenol	6.40	128	803216	41.675	ng	98
9) Benzaldehyde	6.15	77	110776	8.162	ng	99
10) Phenol	6.27	94	911929	37.421	ng	93
11) bis(2-Chloroethyl)ether	6.35	93	717587	39.947	ng	97
12) 1,3-Dichlorobenzene	6.55	146	846236	39.563	ng	99
13) 1,4-Dichlorobenzene	6.63	146	846978	39.488	ng	99
14) 1,2-Dichlorobenzene	6.78	146	795227	40.035	ng	98
15) Benzyl Alcohol	6.76	79	534361	35.274	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1026650	39.405	ng	97
17) 2-Methylphenol	6.88	107	699884	43.994	ng	98
18) Hexachloroethane	7.12	117	306496	39.636	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	516087	38.748	ng	97
20) 3+4-Methylphenols	7.03	107	794447	43.249	ng	89
22) Acetophenone	7.02	105	1048571	42.947	ng	# 97
24) Nitrobenzene	7.20	77	807642	42.285	ng	99
25) Isophorone	7.44	82	1479555	41.659	ng	100
26) 2-Nitrophenol	7.51	139	457161	48.467	ng	98
27) 2,4-Dimethylphenol	7.56	122	755751	48.936	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	929307	41.399	ng	99
29) 2,4-Dichlorophenol	7.75	162	712087	44.680	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	748749	42.532	ng	99
31) Naphthalene	7.91	128	2247424	42.930	ng	100
32) Benzoic acid	7.70	122	594548	53.933	ng	94
33) 4-Chloroaniline	7.96	127	551894	23.067	ng	99
34) Hexachlorobutadiene	8.04	225	401216	41.589	ng	99
35) Caprolactam	8.34	113	240524m	44.888	ng	
36) 4-Chloro-3-methylphenol	8.45	107	729008	45.167	ng	99
37) 2-Methylnaphthalene	8.61	142	1563086	44.282	ng	99
38) 1-Methylnaphthalene	8.71	142	1482772	43.983	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	661489	43.247	ng	99

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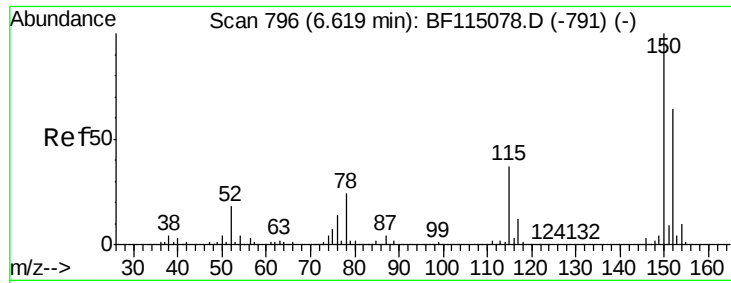
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	691178	76.207	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	504890	42.756	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	531875	43.737	ng	98
46) 1,1'-Biphenyl	9.07	154	1798175	41.519	ng	98
47) 2-Chloronaphthalene	9.09	162	1473186	41.934	ng	98
48) 2-Nitroaniline	9.18	65	442707	43.224	ng	97
49) Acenaphthylene	9.50	152	2275557	41.574	ng	99
50) Dimethylphthalate	9.38	163	1678004	42.137	ng	100
51) 2,6-Dinitrotoluene	9.43	165	404874	44.037	ng	97
52) Acenaphthene	9.68	154	1347613	39.346	ng	99
53) 3-Nitroaniline	9.59	138	304341	27.126	ng	95
54) 2,4-Dinitrophenol	9.70	184	445633	92.893	ng	95
55) Dibenzofuran	9.85	168	1984768	40.375	ng	98
56) 4-Nitrophenol	9.77	139	717040	79.718	ng	94
57) 2,4-Dinitrotoluene	9.83	165	543335	45.769	ng	94
58) Fluorene	10.19	166	1366040	41.177	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	475595	46.641	ng	98
60) Diethylphthalate	10.08	149	1668910	41.691	ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	663897	42.272	ng	97
62) 4-Nitroaniline	10.21	138	452606	40.212	ng	98
63) Azobenzene	10.34	77	1529856	40.917	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	266365	47.359	ng	90
66) n-Nitrosodiphenylamine	10.30	169	1404230	42.574	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	489633	42.657	ng	# 91
68) Hexachlorobenzene	10.73	284	532516	42.741	ng	94
69) Atrazine	10.83	200	452315	42.631	ng	99
70) Pentachlorophenol	10.92	266	663195	83.554	ng	97
71) Phenanthrene	11.14	178	2259832	39.645	ng	100
72) Anthracene	11.19	178	2329214	40.481	ng	98
73) Carbazole	11.34	167	2118253	41.227	ng	98
74) Di-n-butylphthalate	11.69	149	2440778	41.109	ng	98
75) Fluoranthene	12.32	202	2346434	41.258	ng	98
77) Benzidine	12.44	184	801440	24.785	ng	100
78) Pyrene	12.54	202	2391529	42.733	ng	98
80) Butylbenzylphthalate	13.18	149	1122042	45.431	ng	94
81) Benzo(a)anthracene	13.72	228	2184233	41.801	ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	686242	36.368	ng	98
83) Chrysene	13.76	228	2068696	43.220	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1452642	44.888	ng	100
85) Di-n-octyl phthalate	14.36	149	2476982	45.555	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2409907	42.549	ng	99
88) Benzo(b)fluoranthene	14.74	252	2250306	46.590	ng	98
89) Benzo(k)fluoranthene	14.77	252	2167716	50.046	ng	99
90) Benzo(a)pyrene	15.06	252	2173086	49.918	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	1980930	48.742	ng	99
92) Benzo(g,h,i)perylene	16.77	276	2001130	48.650	ng	98

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



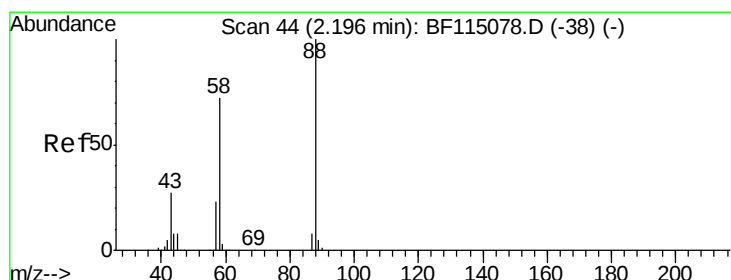
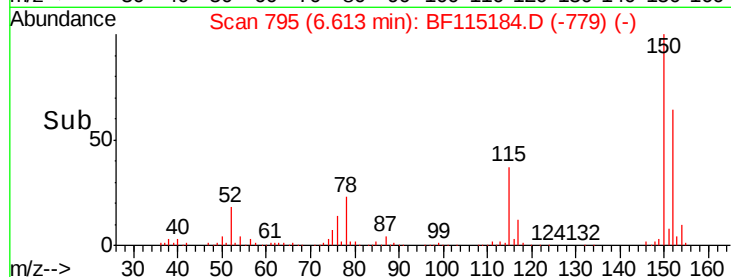
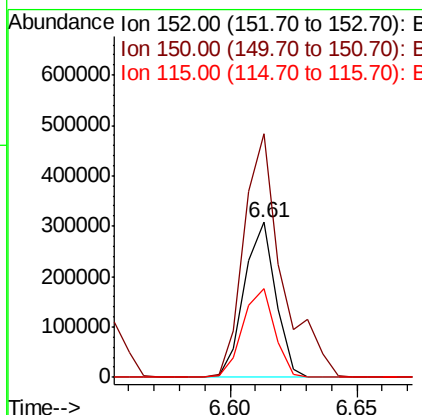
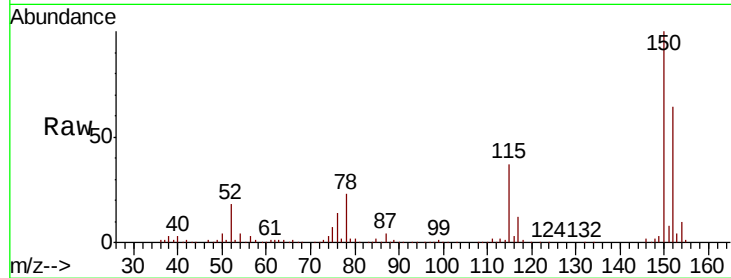
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	57.6	46.1	69.1

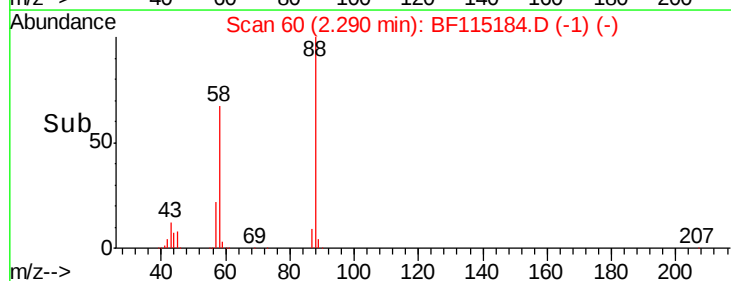
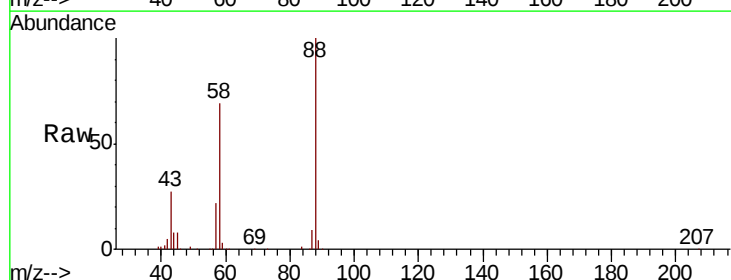
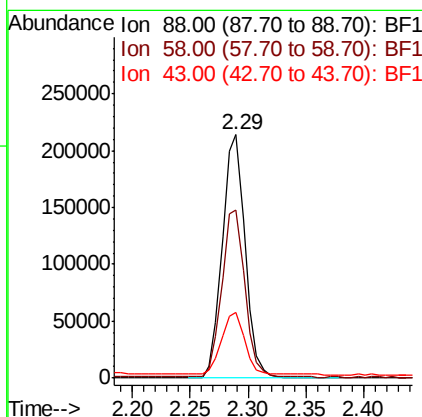
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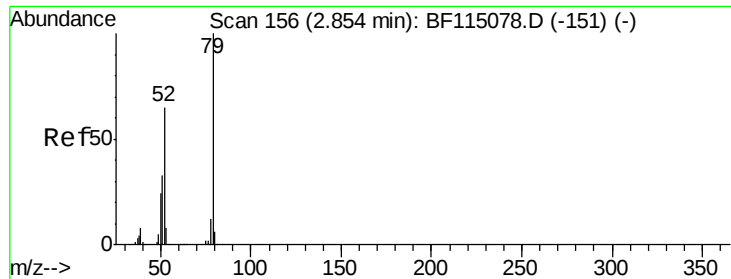
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#2
 1,4-Dioxane
 Concen: 36.257 ng
 RT: 2.29 min Scan# 60
 Delta R.T. 0.09 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.1	84.1
43	25.7	21.3	31.9





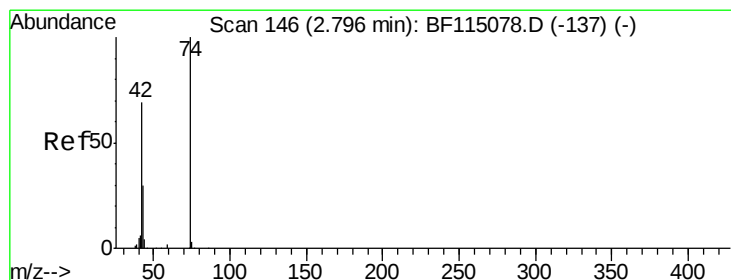
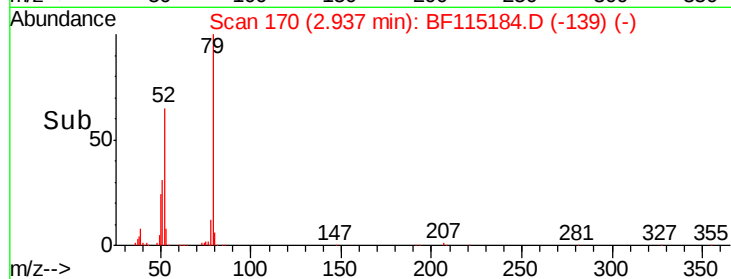
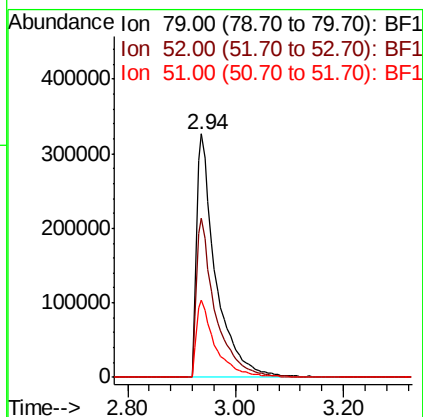
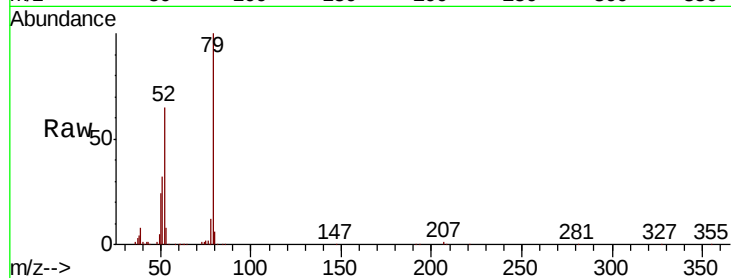
#3
 Pvridine
 Concen: 34.994 ng
 RT: 2.94 min Scan# 170
 Delta R.T. 0.08 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	52.3	78.5
51	31.6	26.1	39.1

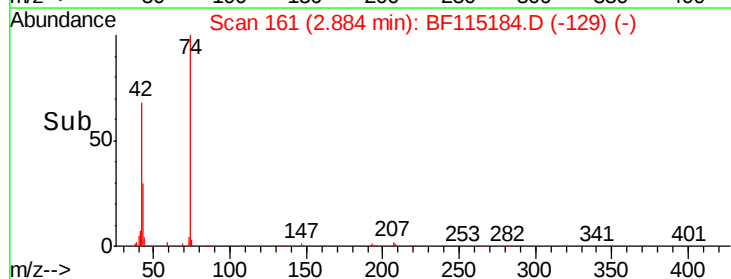
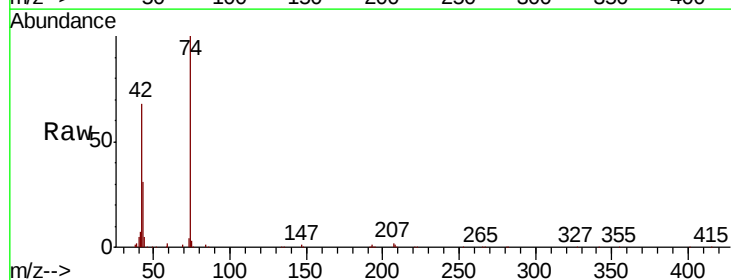
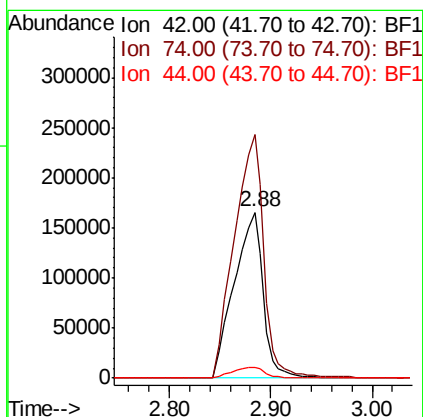
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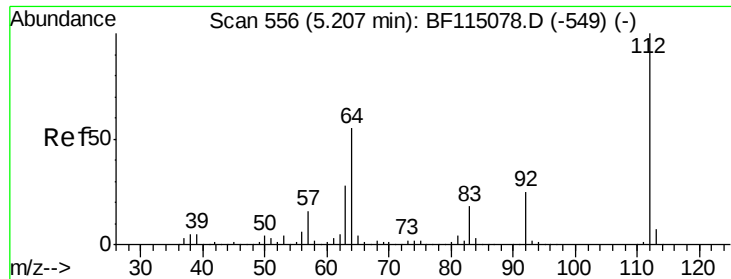
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#4
 n-Nitrosodimethylamine
 Concen: 36.963 ng
 RT: 2.88 min Scan# 161
 Delta R.T. 0.09 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.9	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 110.679 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampled :

PB120809BS

Tot Ion:112 Resp: 1897053

Ion Ratio Lower Upper

112 100

64 54.7 43.8 65.6

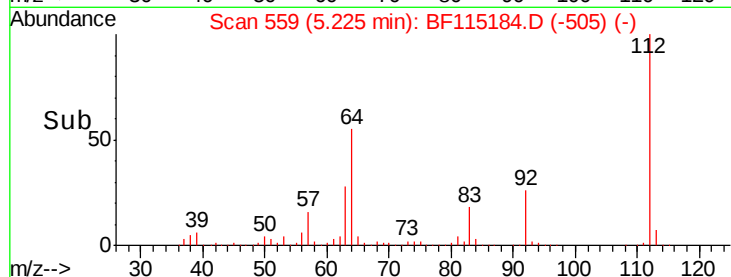
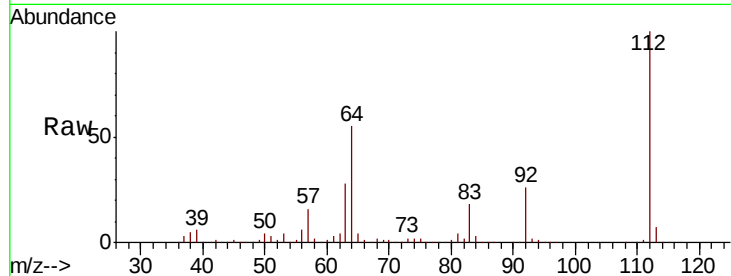
63 28.4 22.2 33.4

Manual Integrations

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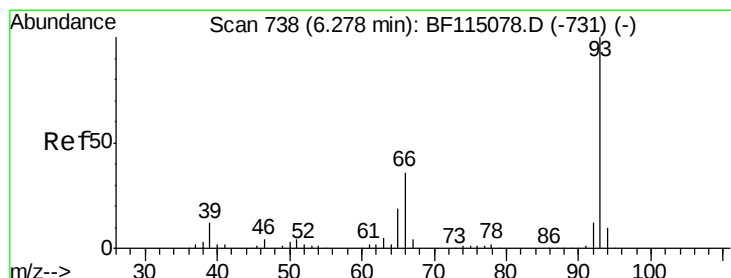
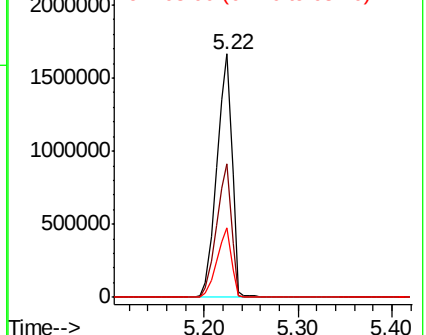
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.519 ng

RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

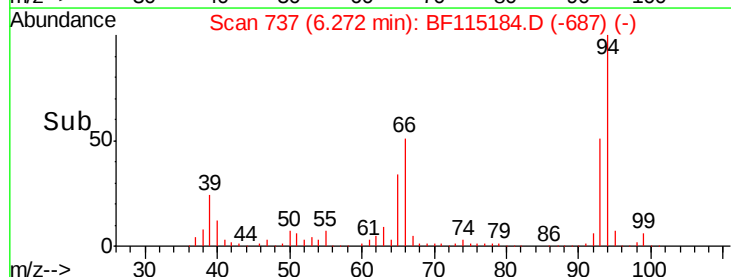
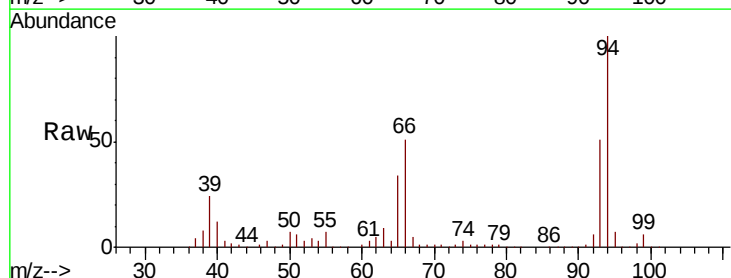
Tgt Ion: 93 Resp: 701062

Ion Ratio Lower Upper

93 100

66 100.8 30.0 45.0#

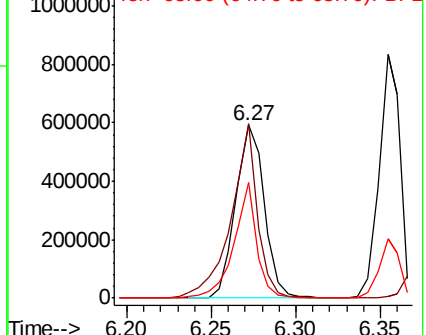
65 66.9 15.6 23.4#

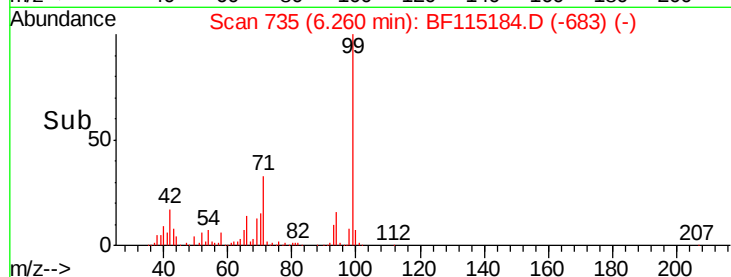
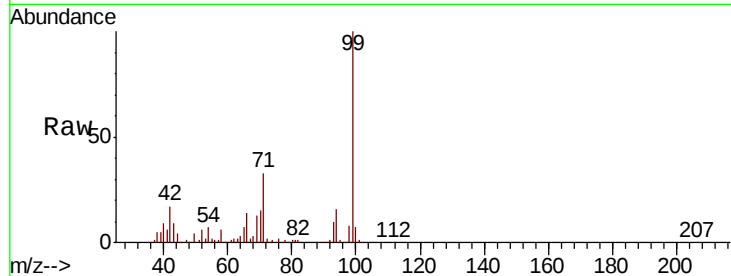
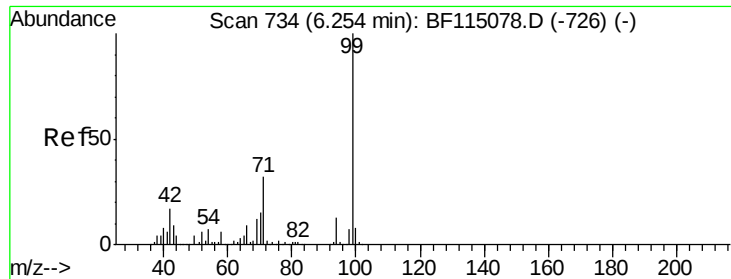


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.140 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Tot Ion: 99 Resp: 2332969

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

71 33.3 25.5 38.3

Instrument :

BNA_F

ClientSampleId :

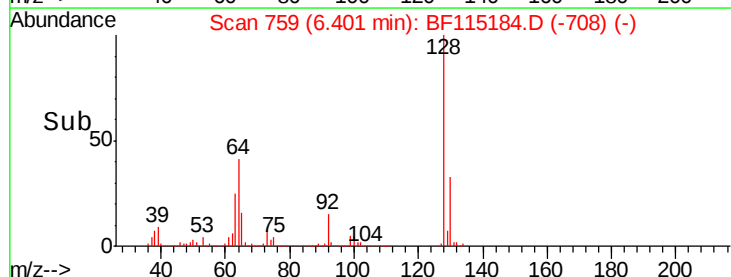
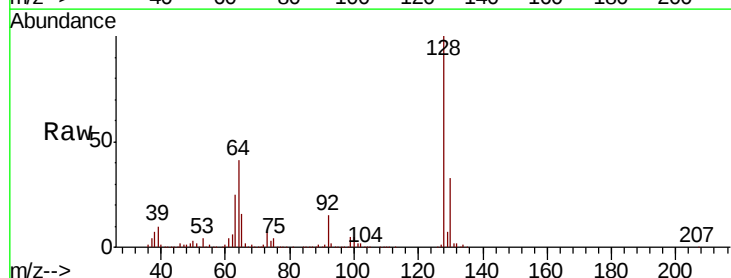
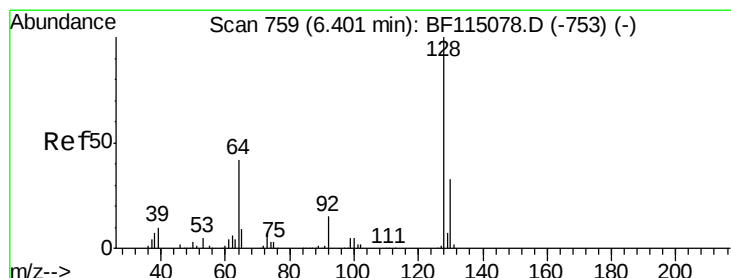
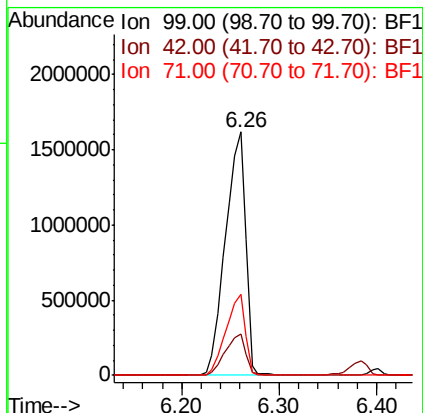
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#8

2-Chlorophenol

Concen: 41.675 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

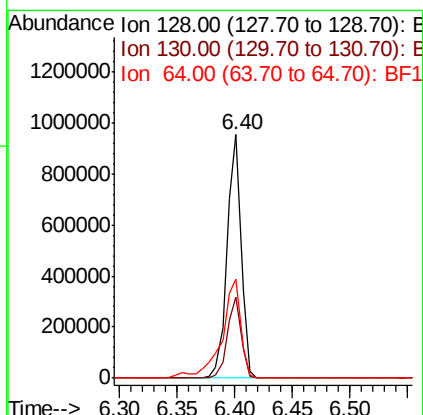
Tgt Ion:128 Resp: 803216

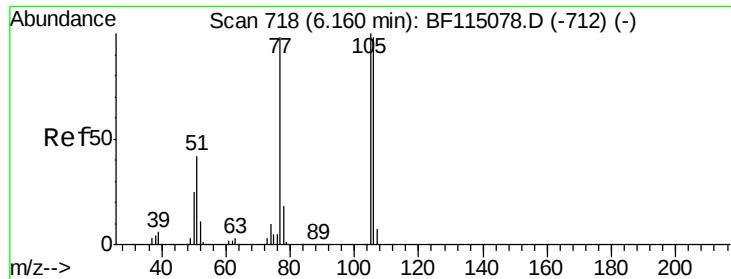
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 40.6 22.9 62.9





#9

Benzaldehyde

Concen: 8.162 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

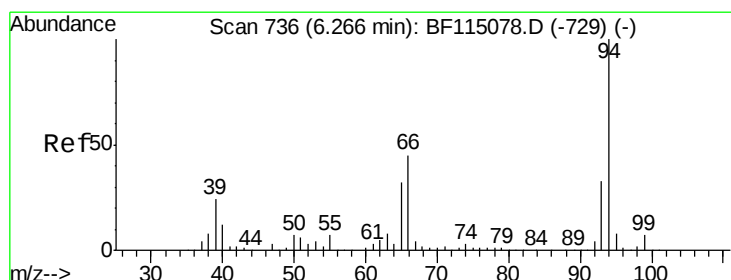
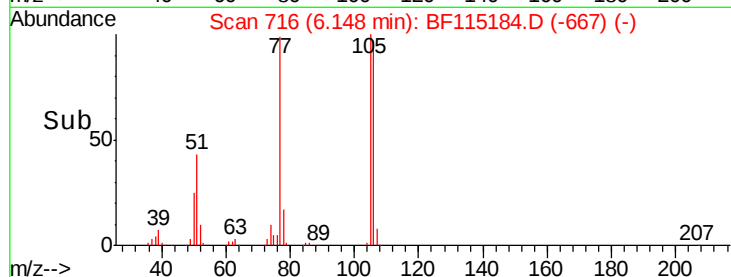
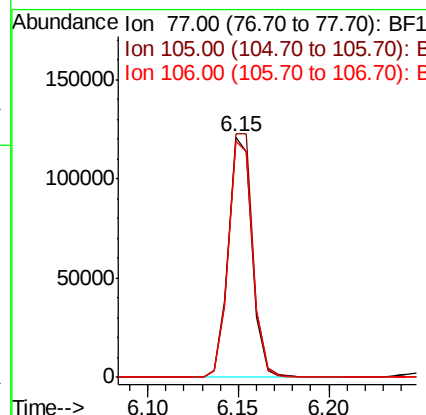
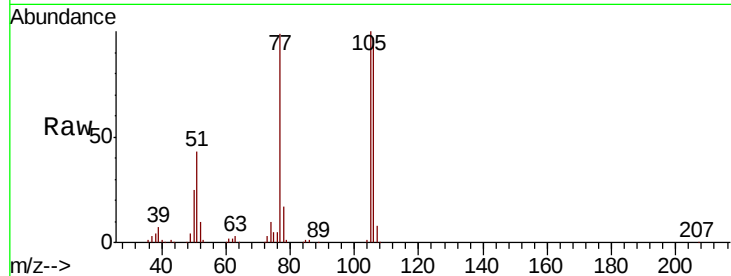
ClientSampleId :

PB120809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.3	81.5	121.5		
106	98.4	79.7	119.7		

Manual Integrations
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#10

Phenol

Concen: 37.421 ng

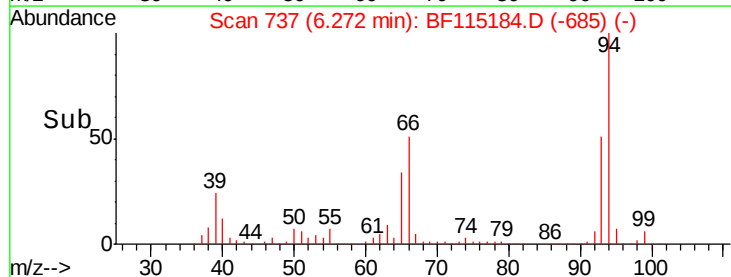
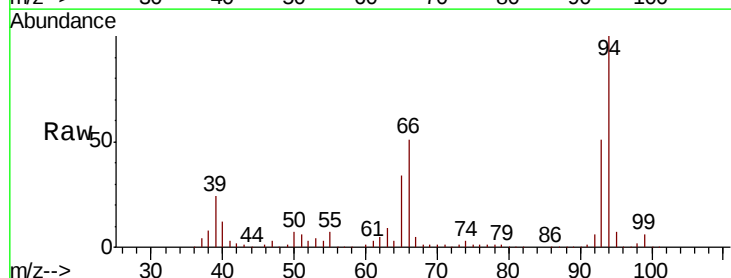
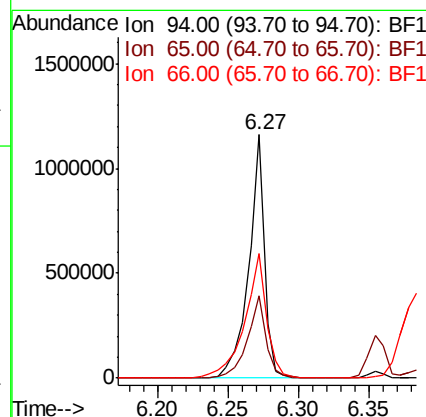
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

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





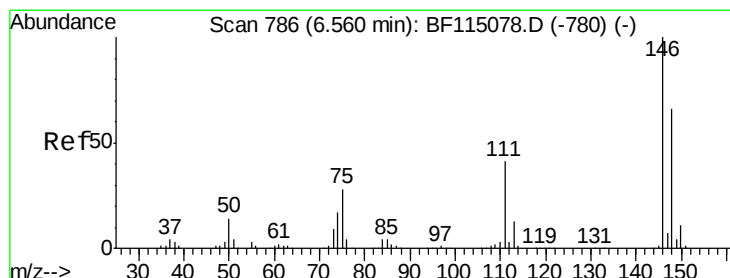
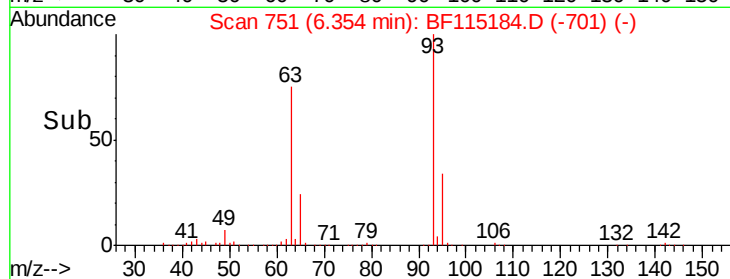
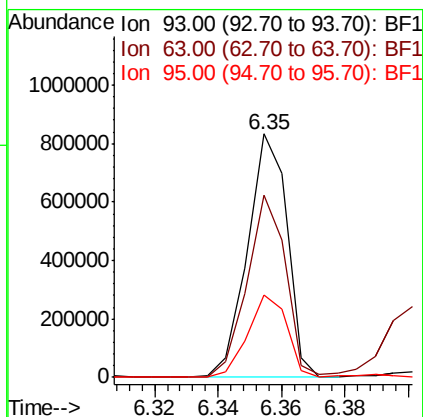
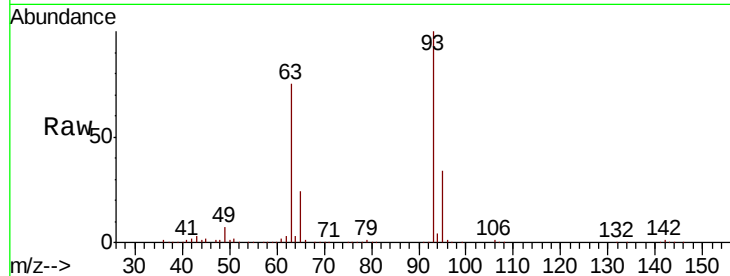
#11
bis(2-Chloroethyl)ether
Concen: 39.947 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	51.5	91.5
95	33.8	13.4	53.4

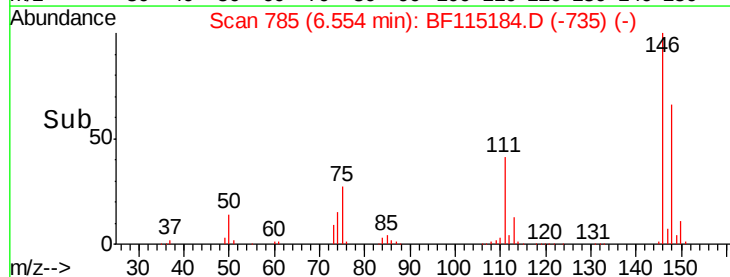
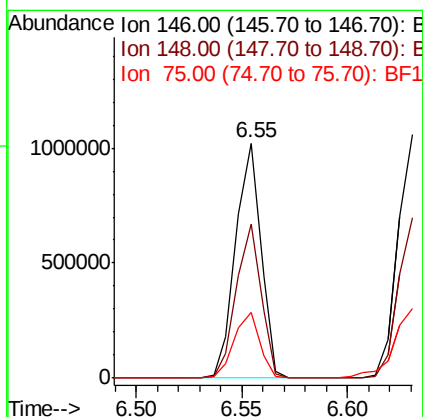
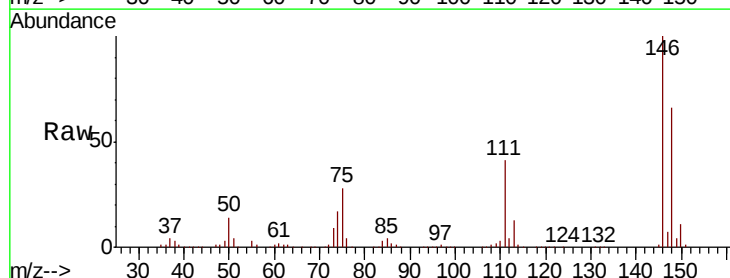
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#12
1,3-Dichlorobenzene
Concen: 39.563 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
75	27.7	22.6	34.0





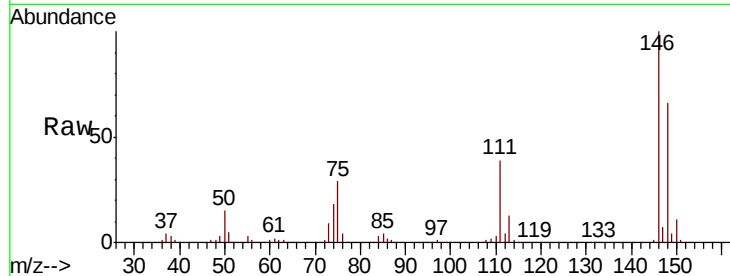
#13
1,4-Dichlorobenzene
Concen: 39.488 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampled :
PB120809BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	39.4	31.4	47.0

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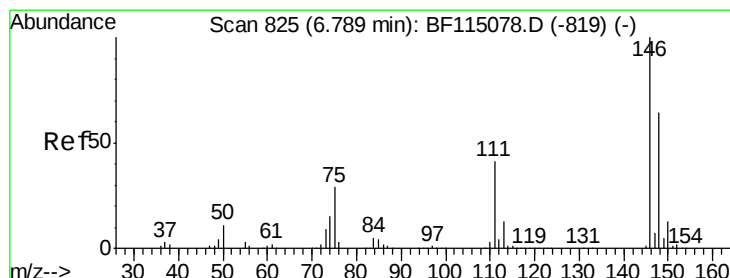
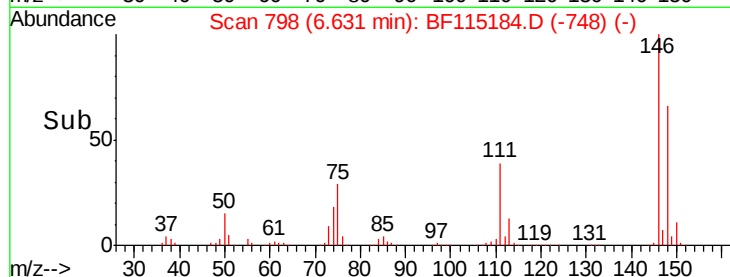
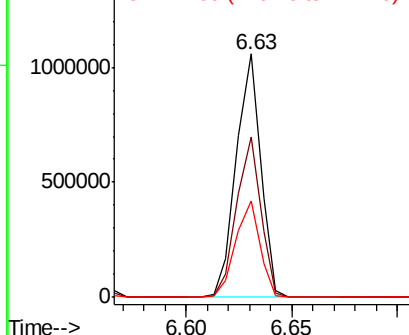


Abundance

Ion 146.00 (145.70 to 146.70): E

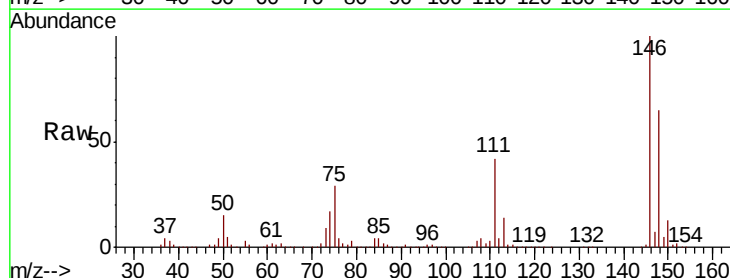
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.035 ng
RT: 6.78 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	42.0	33.2	49.8

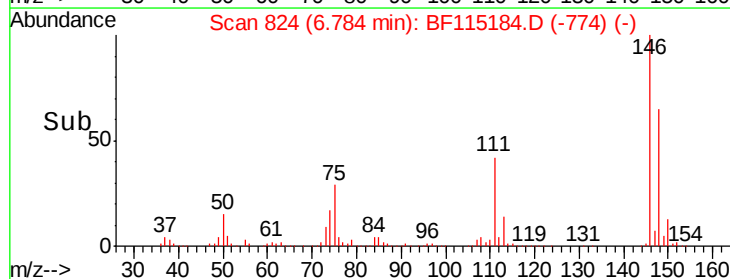
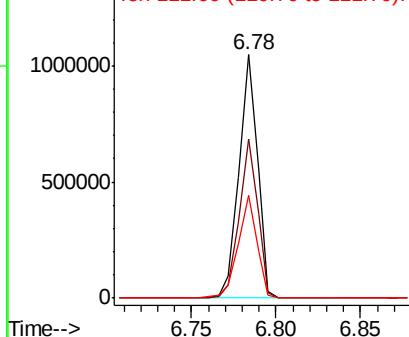


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.274 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

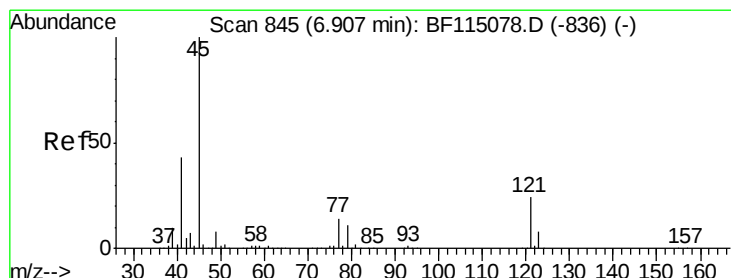
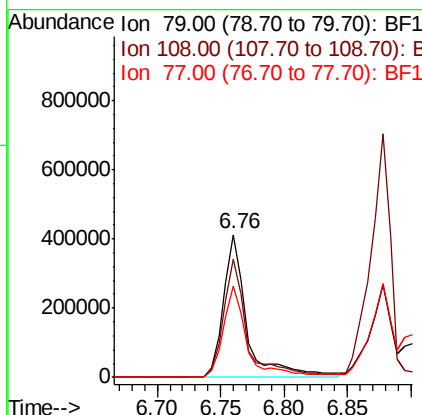
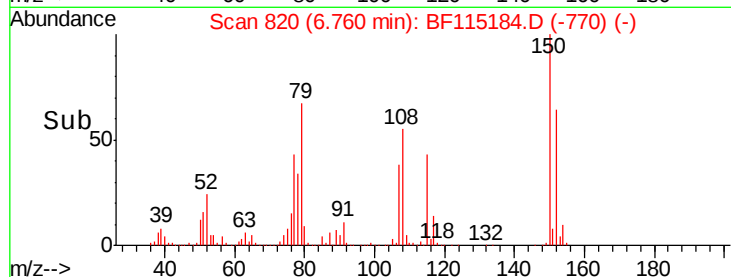
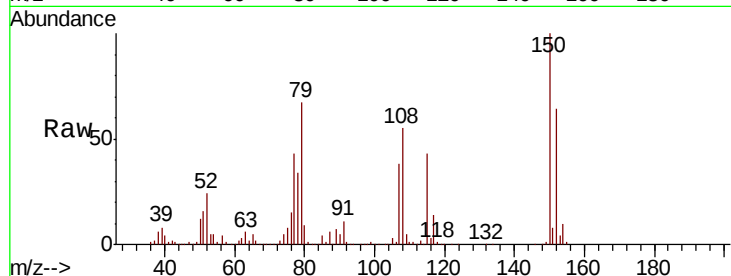
ClientSampleID :

PB120809BS

Tot Ion:	79	Resp:	534361
Ion Ratio	Lower	Upper	
79	100		
108	83.0	68.7	103.1
77	63.9	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.405 ng

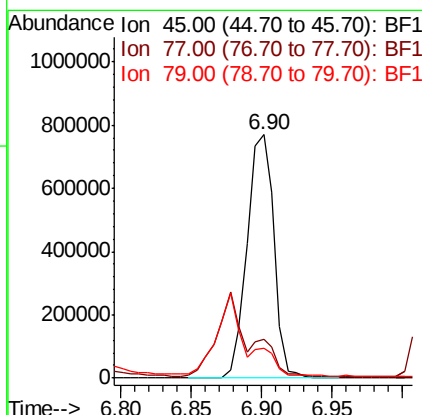
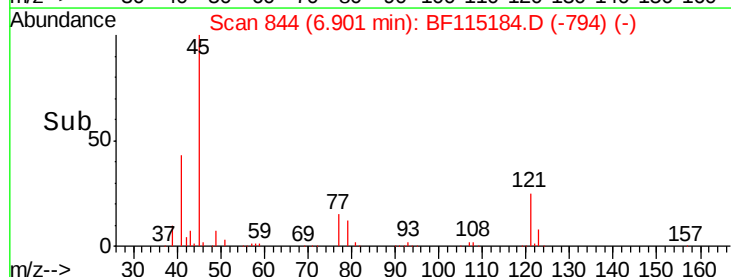
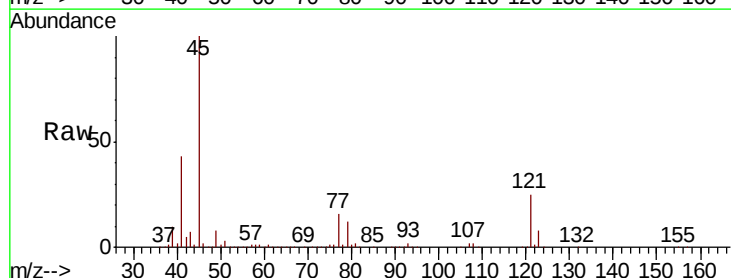
RT: 6.90 min Scan# 844

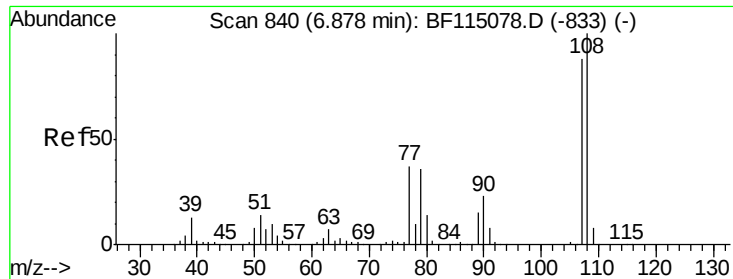
Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Tgt Ion:	45	Resp:	1026650
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	34.6
79	12.5	0.0	31.2





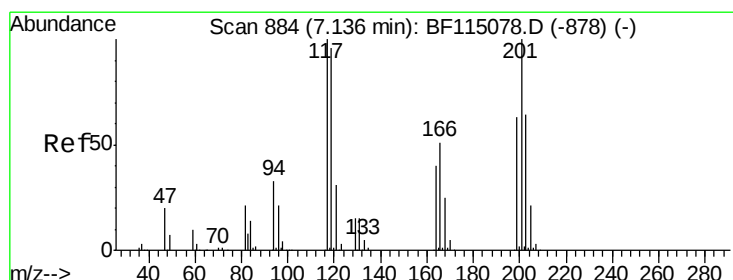
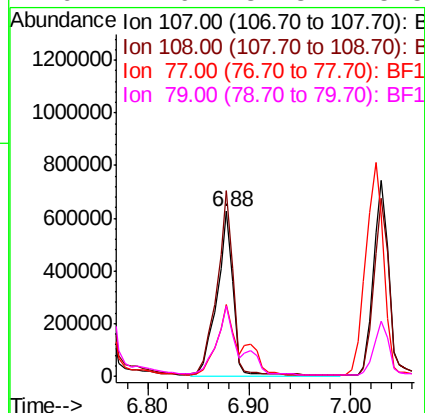
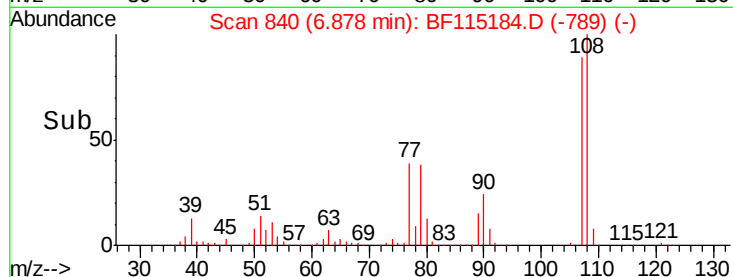
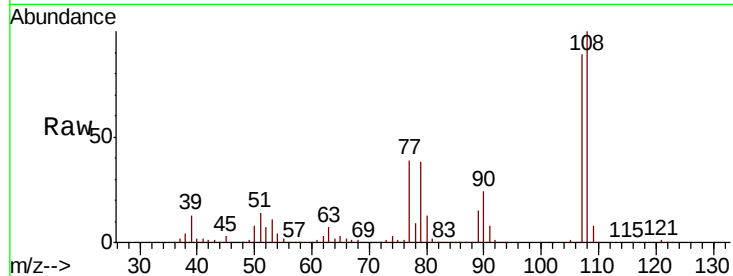
#17
2-Methylphenol
Concen: 43.994 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	43.4	33.4	50.2
79	42.6	32.3	48.5

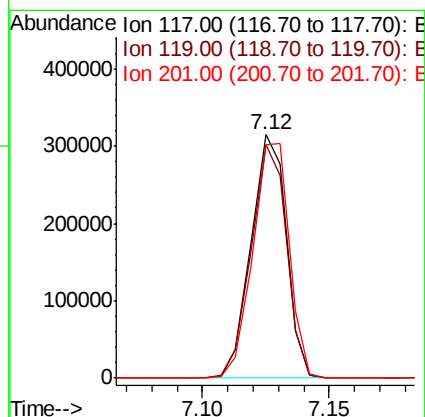
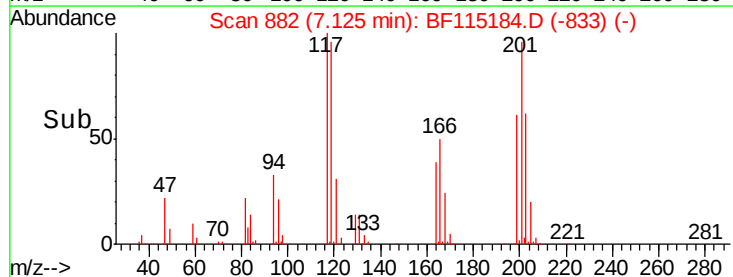
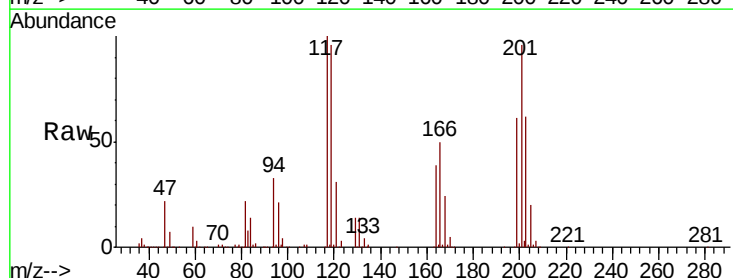
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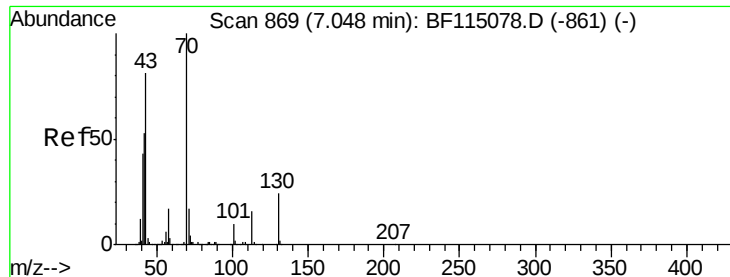
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#18
Hexachloroethane
Concen: 39.636 ng
RT: 7.12 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	95.8	80.2	120.2





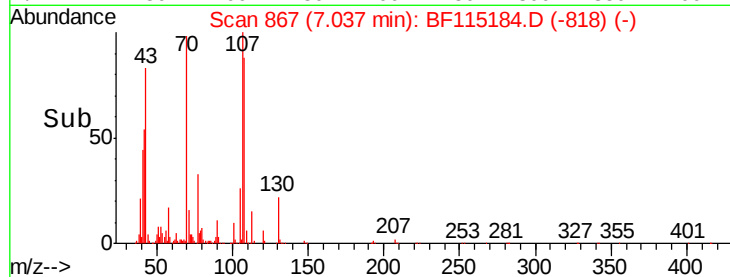
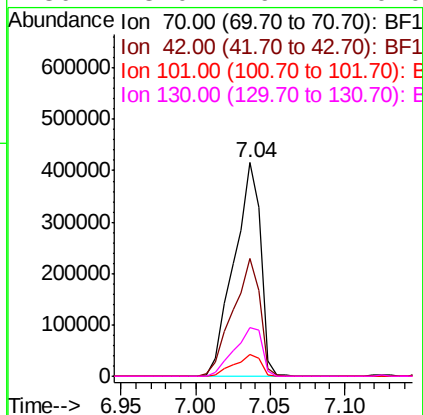
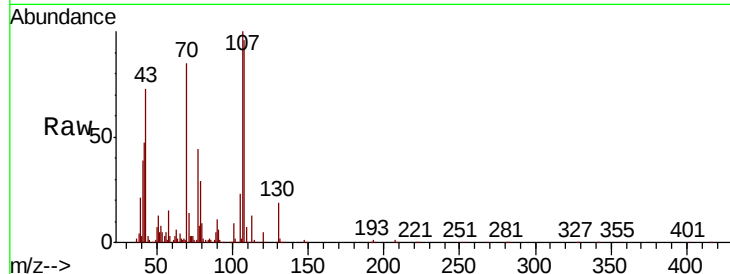
#19
n-Nitroso-di-n-propylamine
Concen: 38.748 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.3	42.6	63.8		
101	10.4	8.0	12.0		
130	23.0	19.4	29.0		

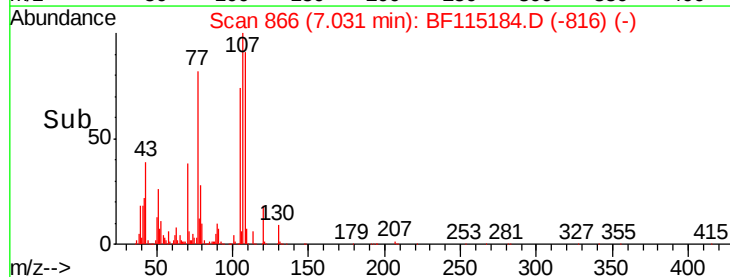
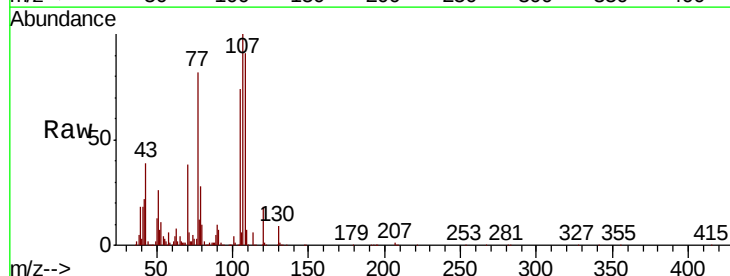
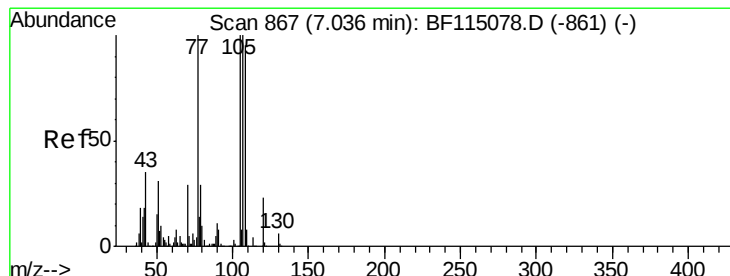
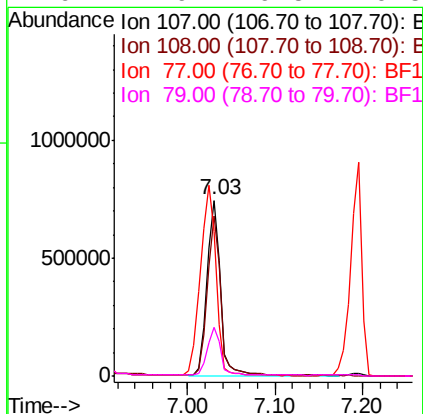
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#20
3+4-Methylphenols
Concen: 43.249 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.6	75.5	115.5		
77	82.2	80.2	120.2		
79	27.9	9.5	49.5		





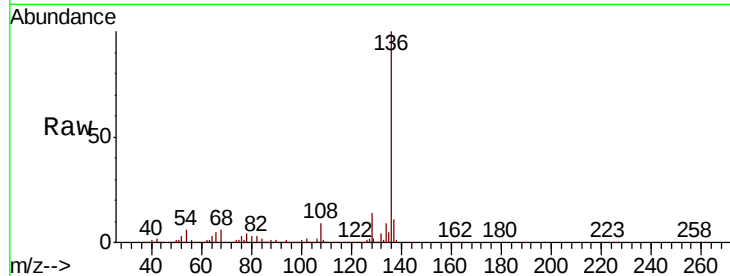
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	5.6	8.4
68	5.7	4.8	7.2

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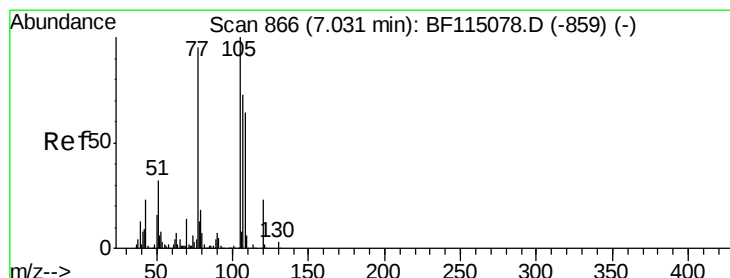
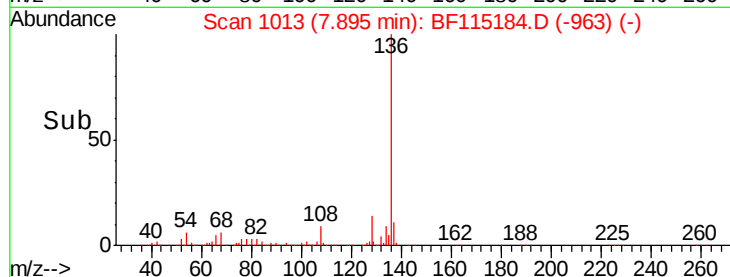
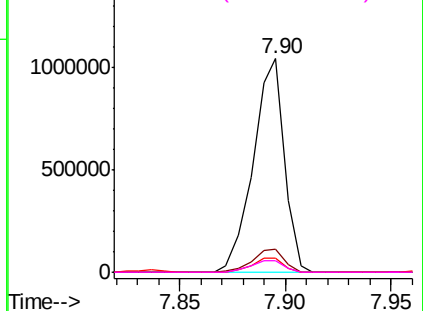
Abundance

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: 42.947 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.1	1.9	2.9#
51	30.3	25.8	38.8
120	23.8	18.5	27.7

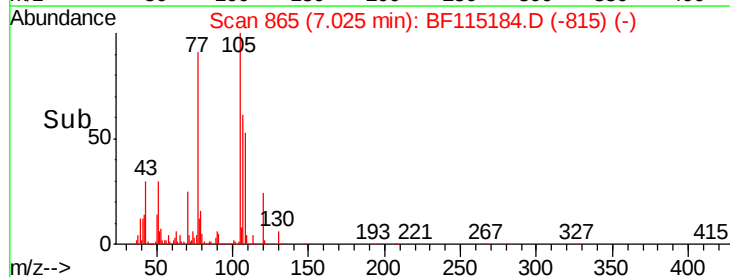
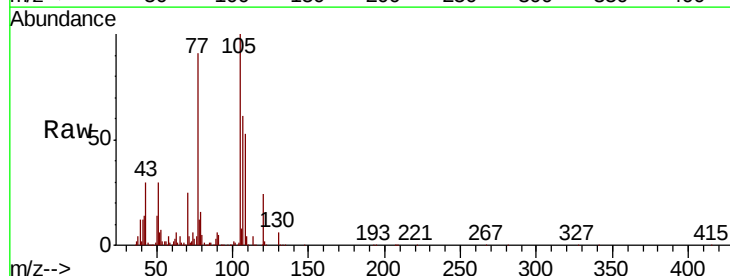
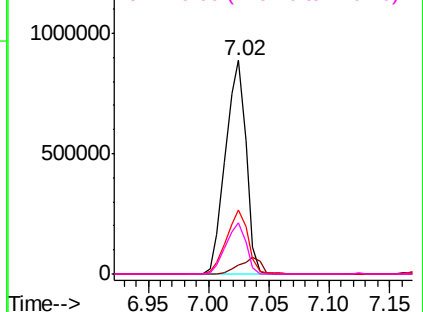
Abundance

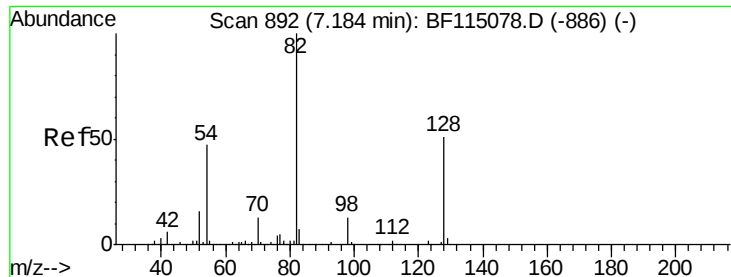
Ion 105.00 (104.70 to 105.70): E

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





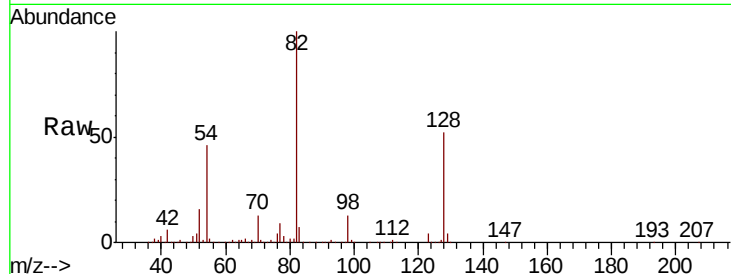
#23
 Nitrobenzene-d5
 Concen: 83.779 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	82	Resp	1452480
Ion Ratio	100	Lower	Upper
82	100		
128	51.7	40.4	60.6
54	46.3	37.5	56.3

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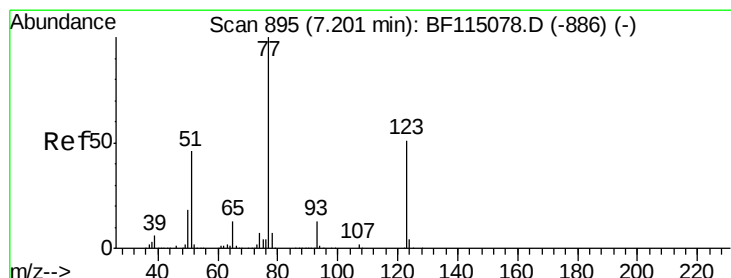
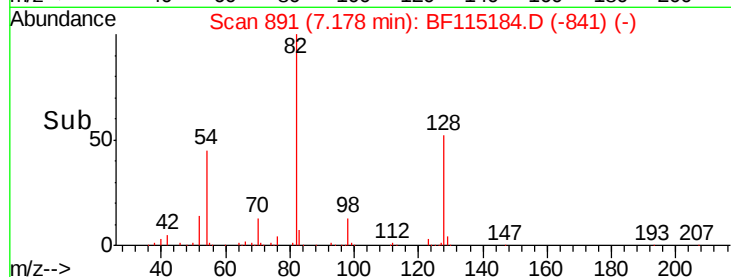
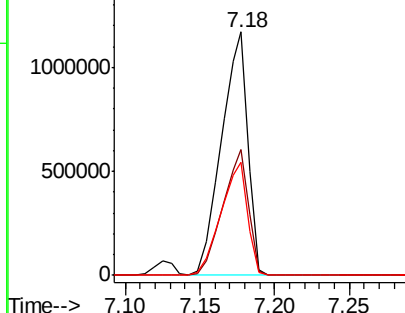


Abundance

Ion 82.00 (81.70 to 82.70): BF1

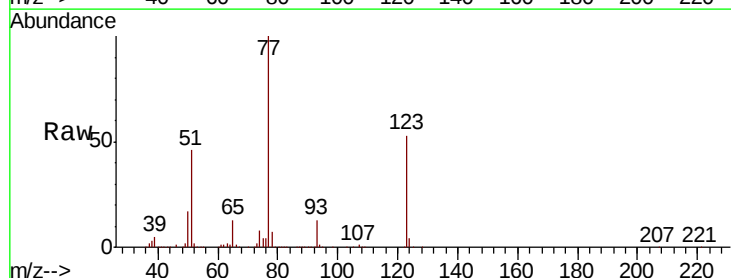
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 42.285 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	77	Resp	807642
Ion Ratio	100	Lower	Upper
77	100		
123	52.5	41.0	61.6
65	13.0	10.5	15.7

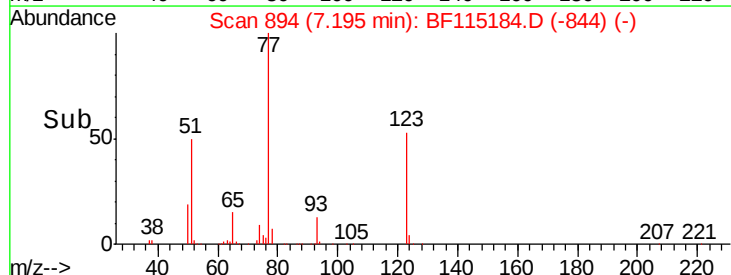
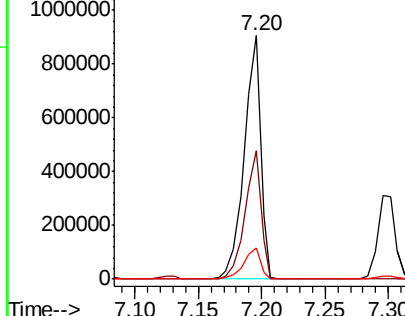


Abundance

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: 41.659 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion: 82 Resp: 1479555

Ion Ratio Lower Upper

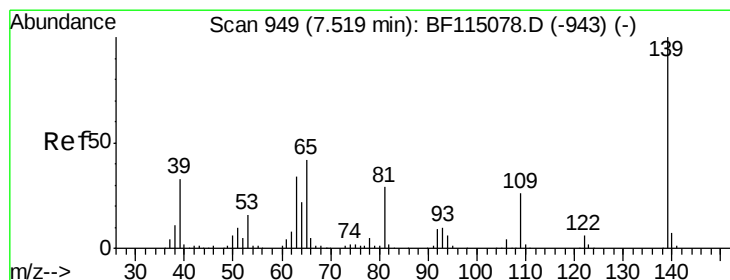
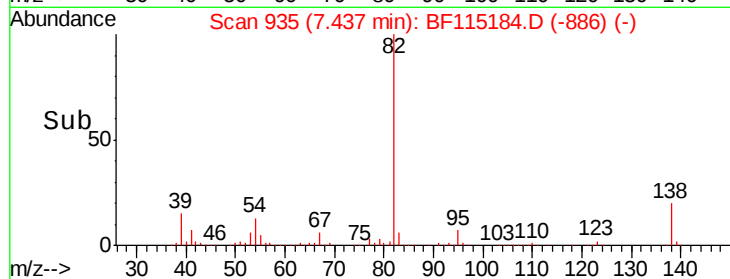
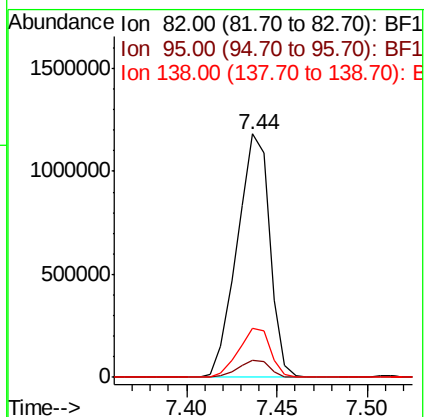
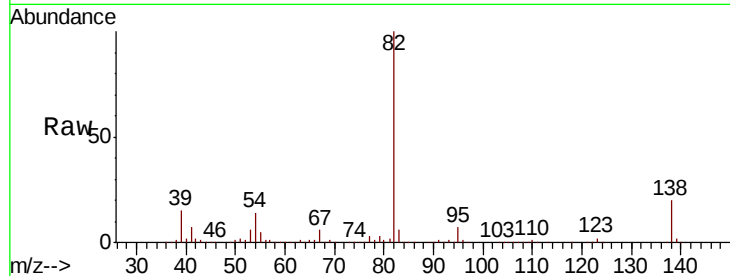
82 100

95 6.8 5.4 8.2

138 19.9 15.9 23.9

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#26

2-Nitrophenol

Concen: 48.467 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

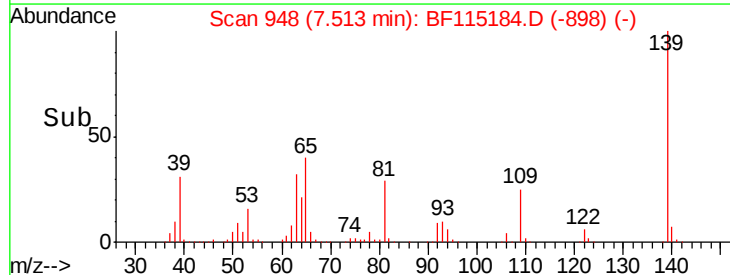
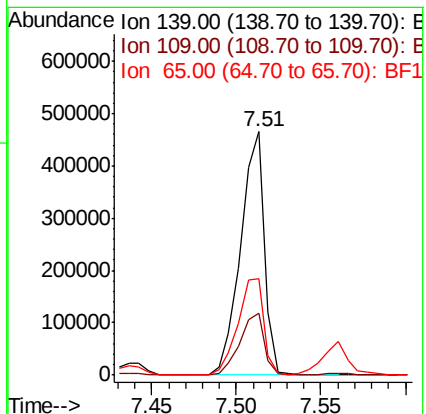
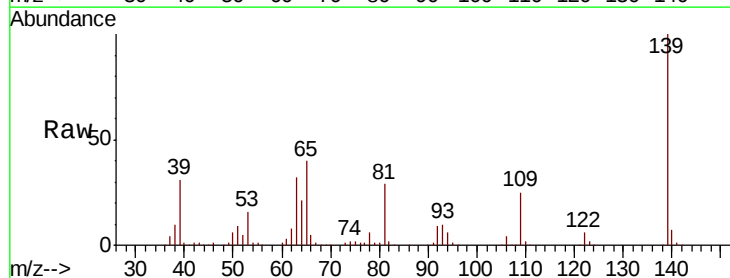
Tgt Ion: 139 Resp: 457161

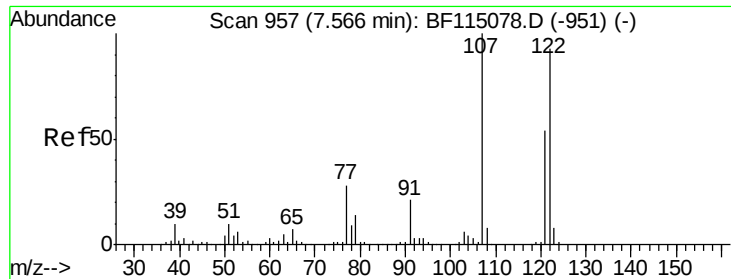
Ion Ratio Lower Upper

139 100

109 25.2 20.4 30.6

65 39.7 33.6 50.4





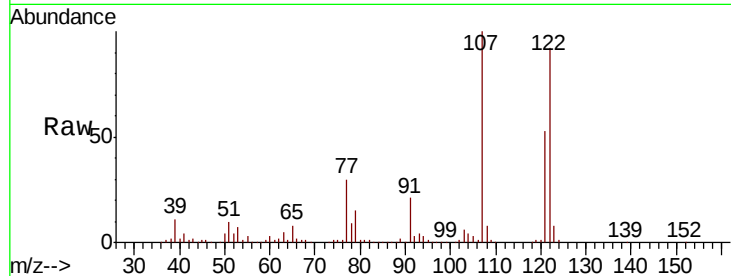
#27
2,4-Dimethylphenol
Concen: 48.936 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	755751		
107	109.2	85.8	128.6	
121	58.4	46.3	69.5	

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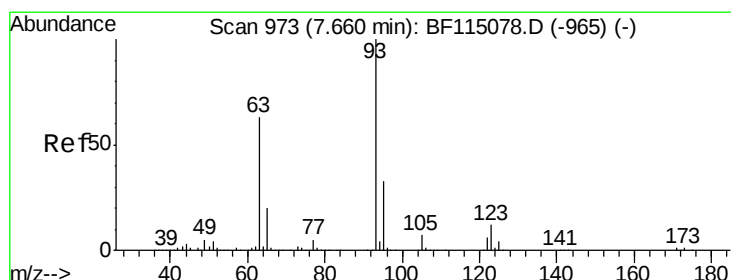
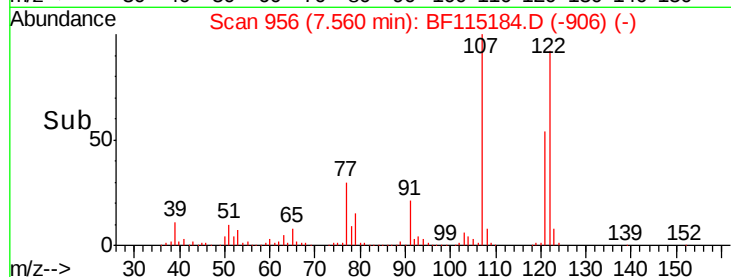
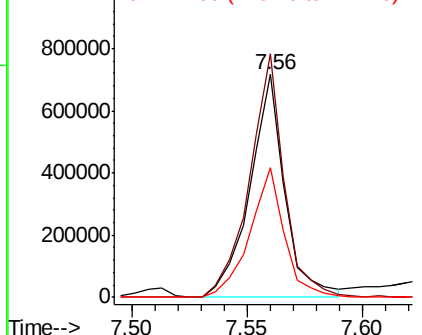


Abundance

Ion 122.00 (121.70 to 122.70): E

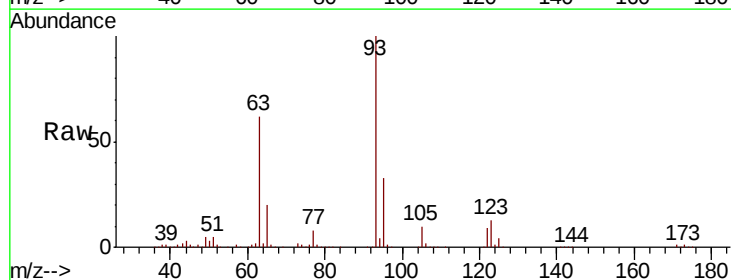
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.399 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	929307		
95	33.4	26.2	39.4	
123	12.9	9.7	14.5	

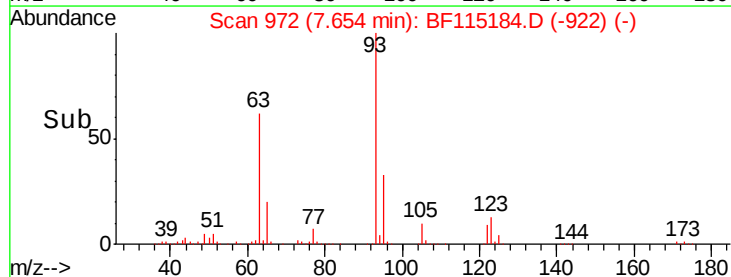
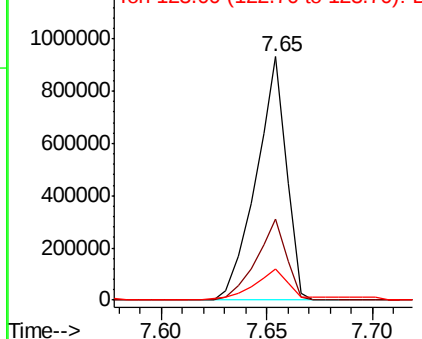


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





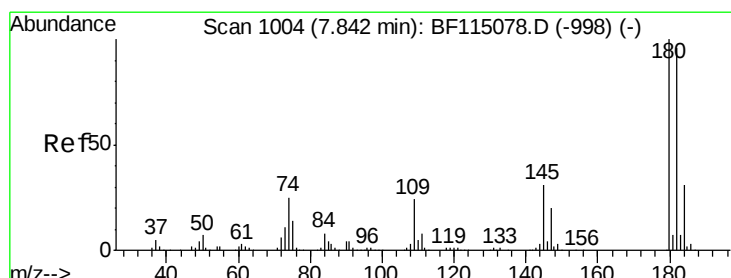
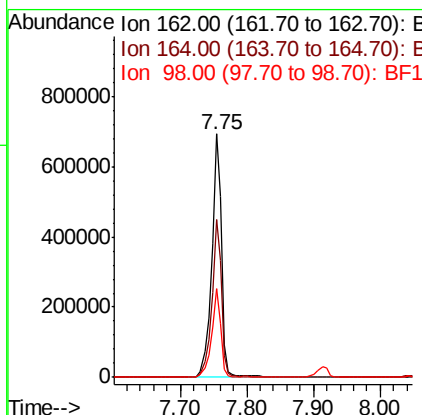
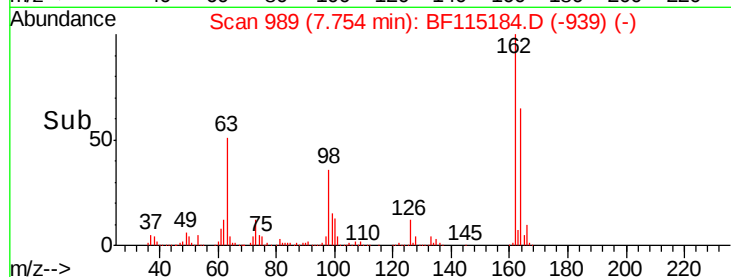
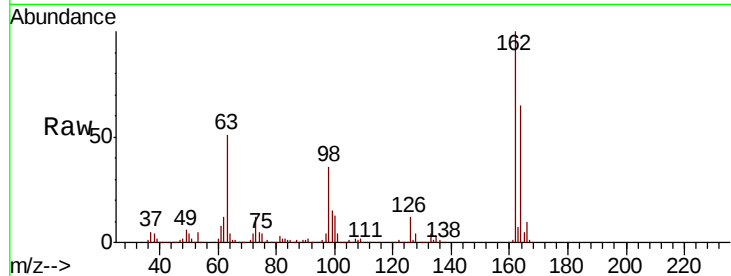
#29
2,4-Dichlorophenol
Concen: 44.680 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.3	85.3
98	36.3	12.5	52.5

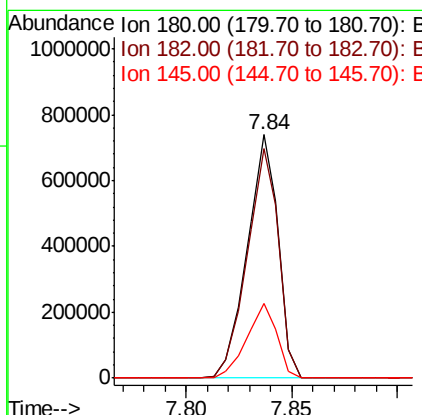
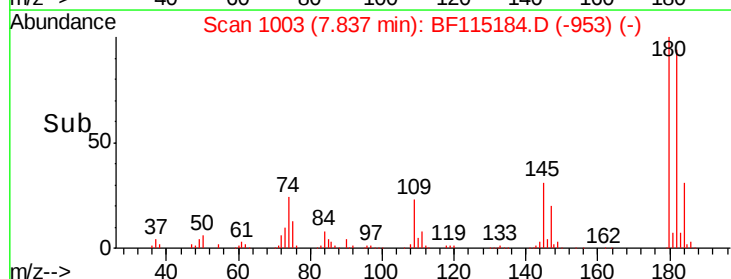
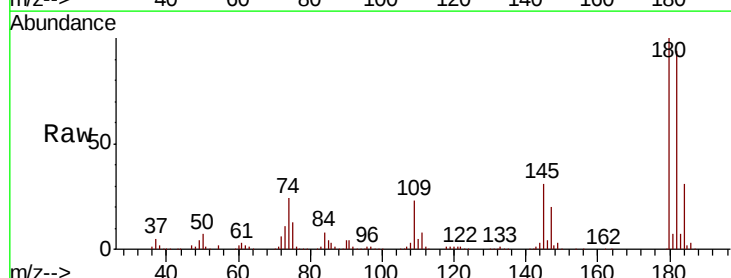
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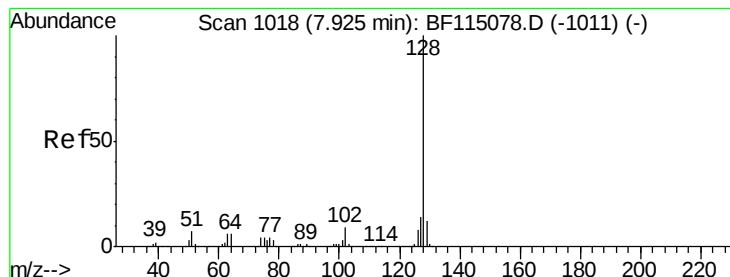
mohammad
6/26/2019 2:03:16 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.532 ng
RT: 7.84 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	30.7	24.8	37.2





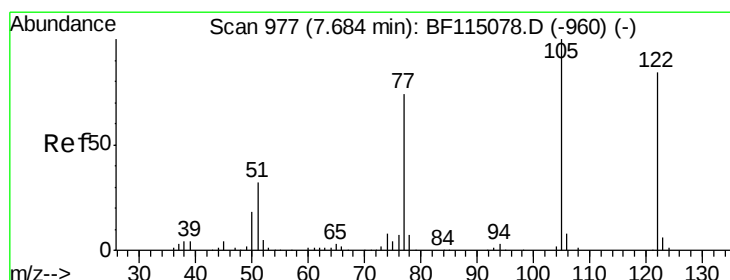
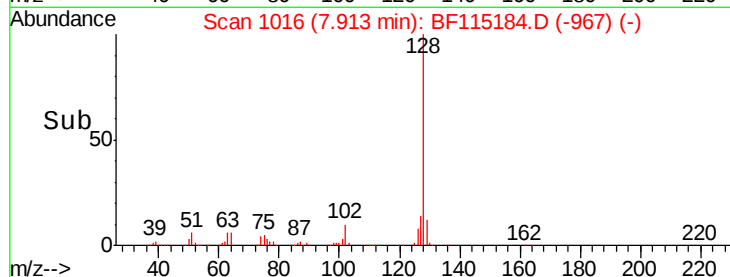
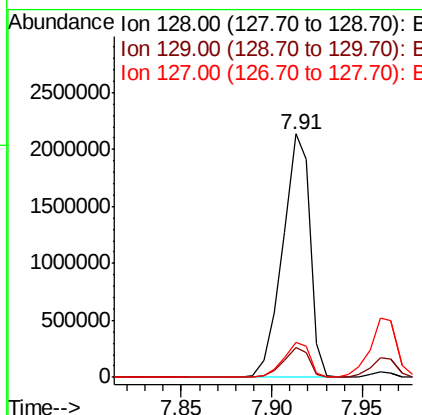
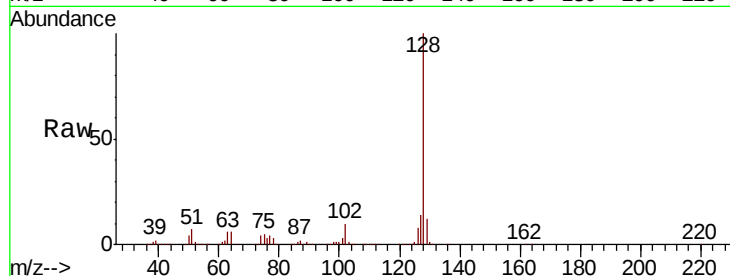
#31
Naphthalene
Concen: 42.930 ng
RT: 7.91 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

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

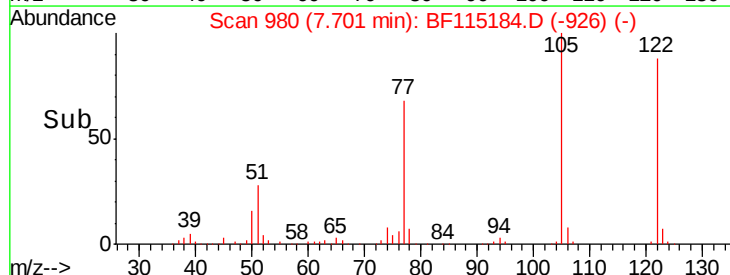
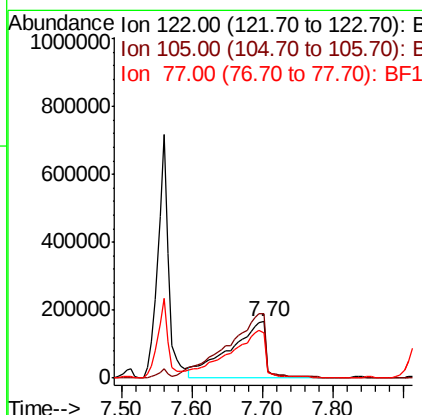
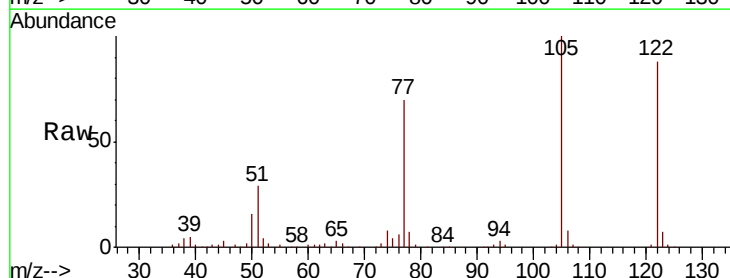
Manual Integrations
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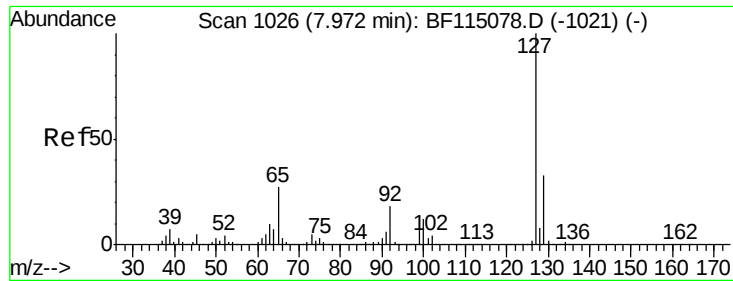
mohammad
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#32
Benzoic acid
Concen: 53.933 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.02 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.1	98.2	138.2
77	79.5	67.0	107.0





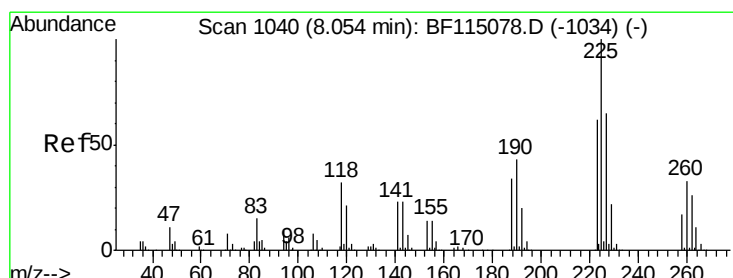
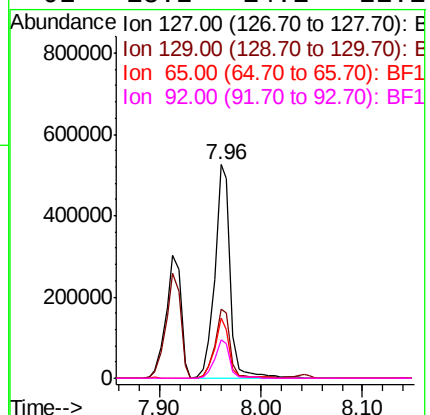
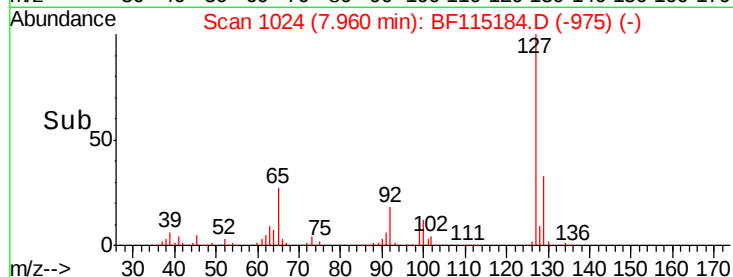
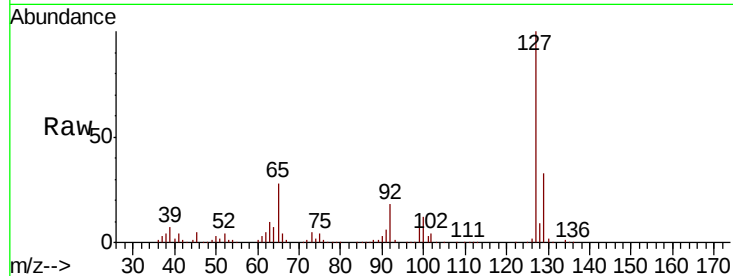
#33
4-Chloroaniline
Concen: 23.067 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	28.2	21.4	32.2		
92	18.2	14.1	21.1		

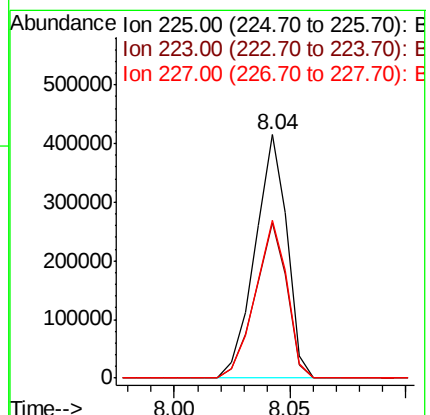
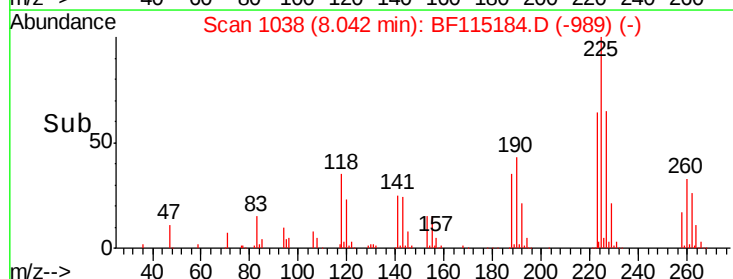
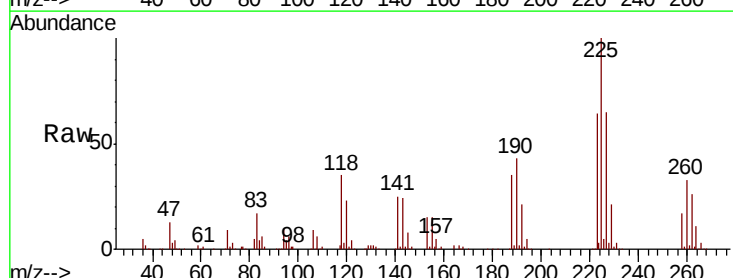
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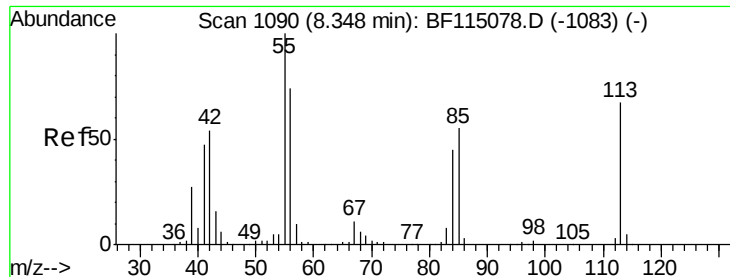
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#34
Hexachlorobutadiene
Concen: 41.589 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.4	74.2		
227	64.8	51.8	77.8		





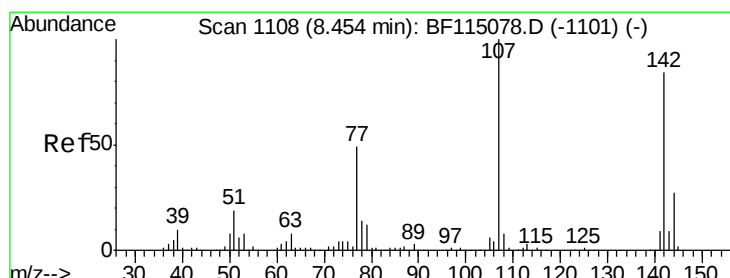
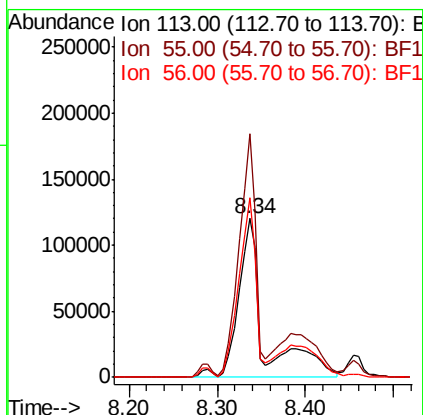
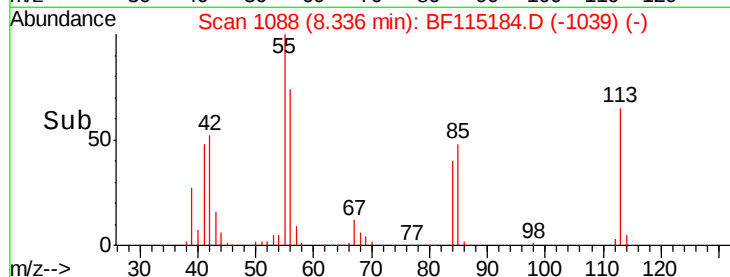
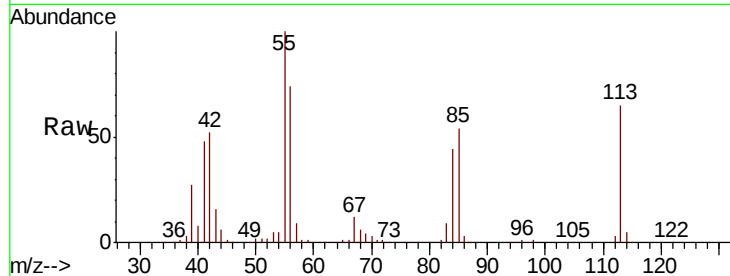
#35
Caprolactam
Concen: 44.888 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleID :
PB120809BS

Tot Ion	Ion	Ratio	Lower	Upper
240524	113	100		
	55	153.4	130.2	170.2
	56	113.1	91.6	131.6

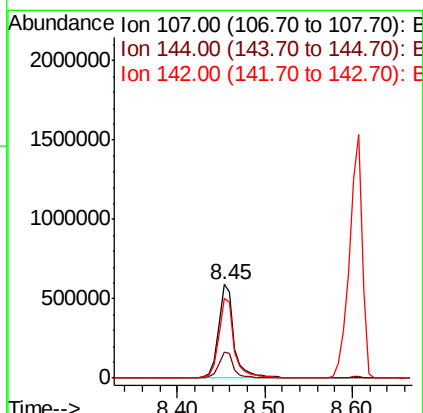
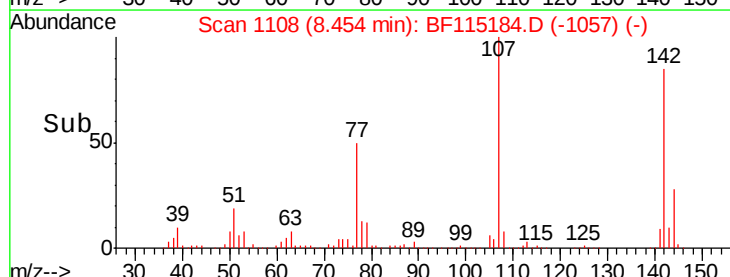
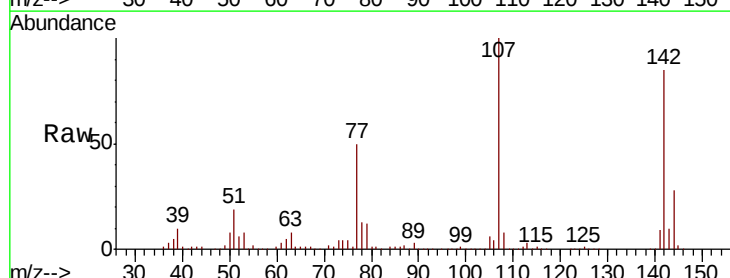
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#36
4-Chloro-3-methylphenol
Concen: 45.167 ng/ml
RT: 8.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ion	Ratio	Lower	Upper
729008	107	100		
	144	28.1	21.7	32.5
	142	84.6	67.0	100.4





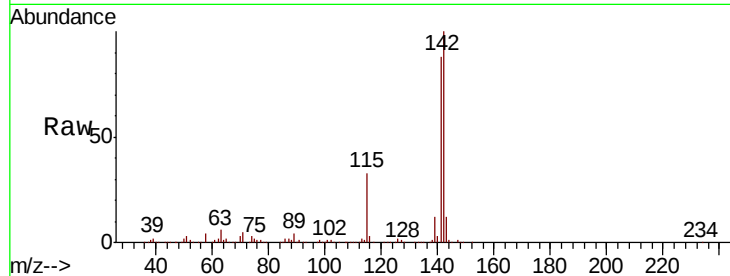
#37
2-Methylnaphthalene
Concen: 44.282 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.6
115	33.3	26.7	40.1

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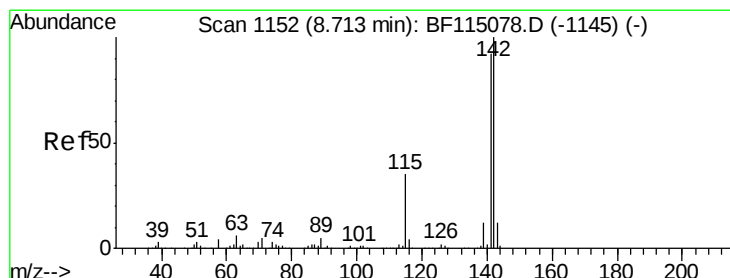
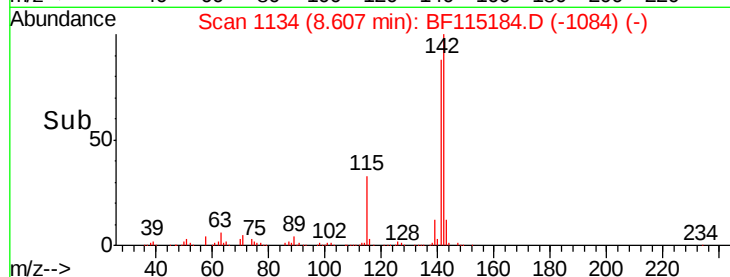
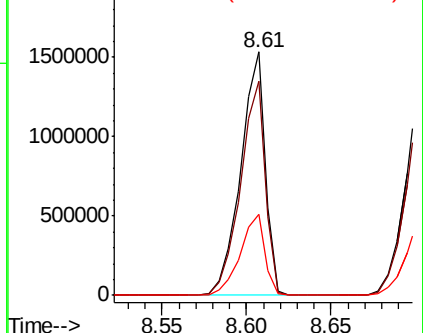


Abundance

Ion 142.00 (141.70 to 142.70): E

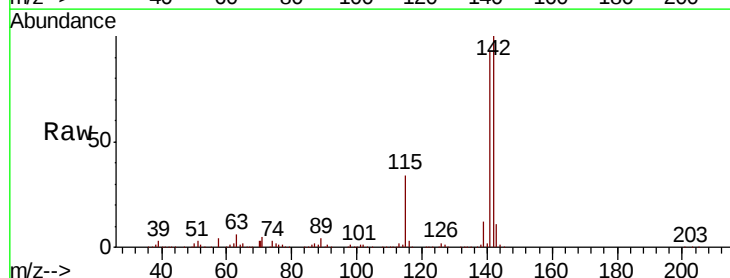
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.983 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.8
116	3.5	2.8	4.2

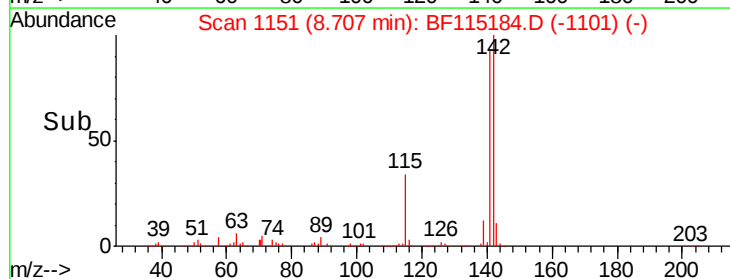
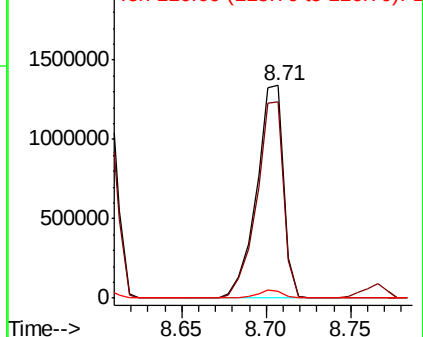


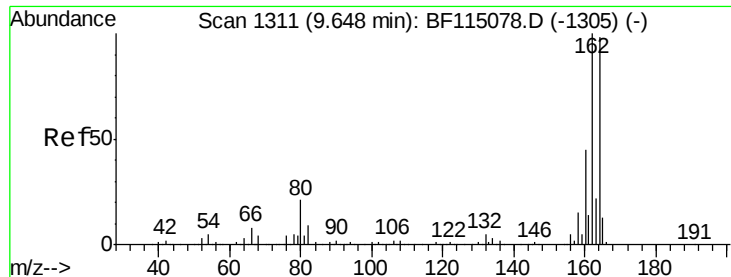
Abundance

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





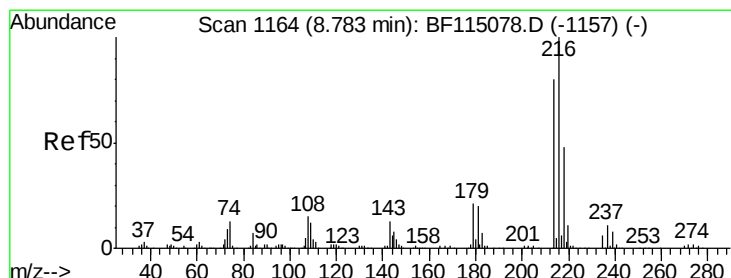
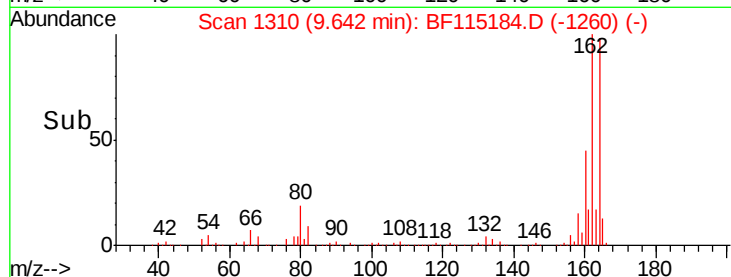
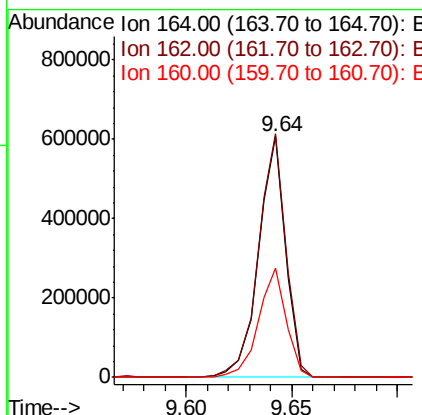
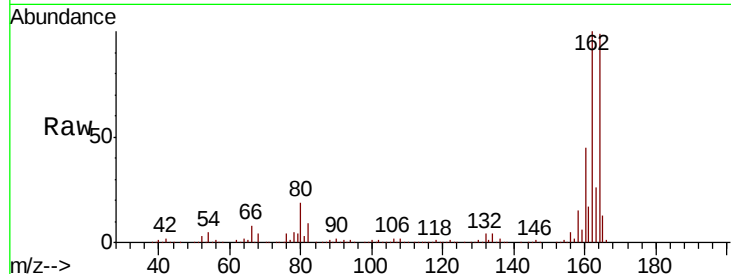
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.3	37.0	55.4

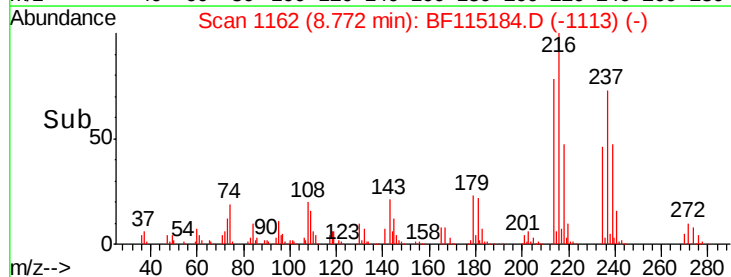
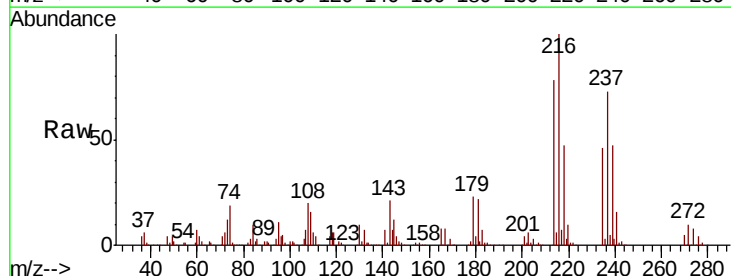
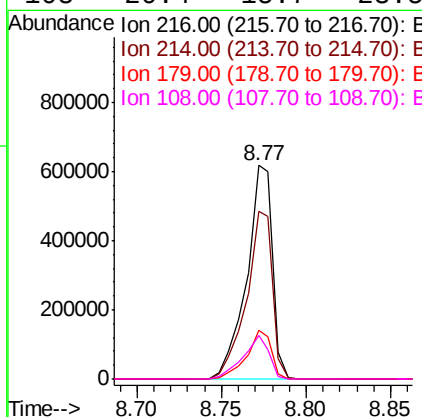
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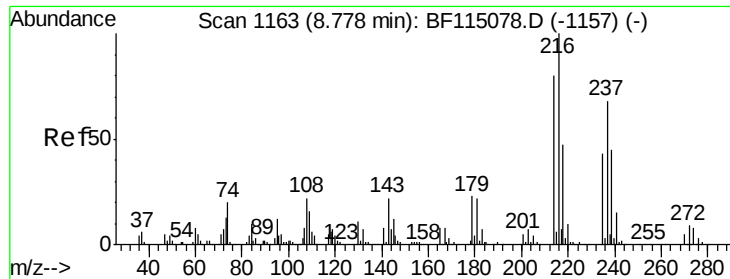
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.247 ng
RT: 8.77 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	21.8	17.6	26.4
108	20.4	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 76.207 ng

RT: 8.77 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

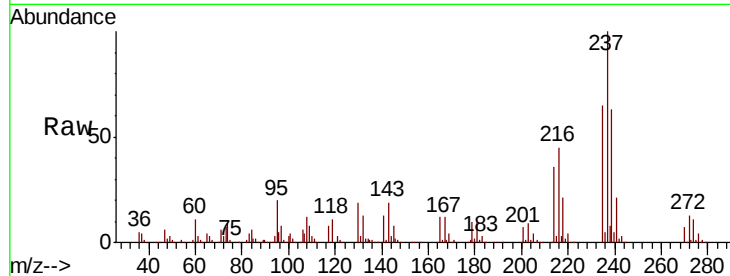
ClientSampleId :

PB120809BS

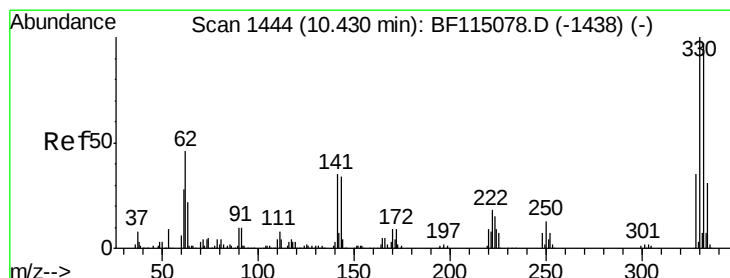
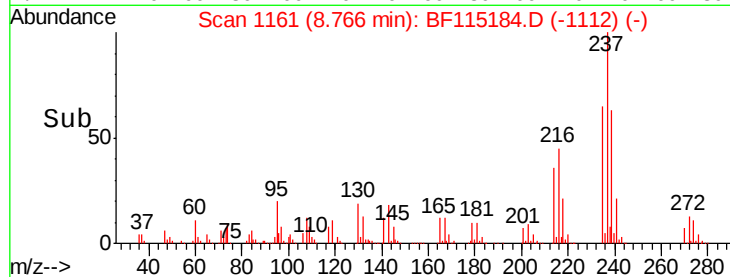
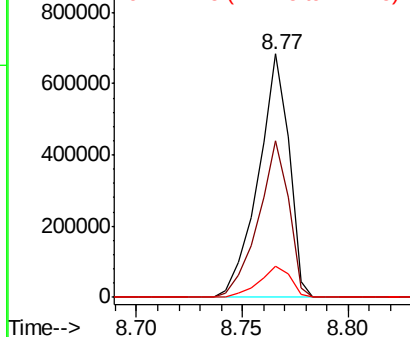
Tot Ion:	237	Resp:	691178
Ion Ratio	Lower	Upper	
237	100		
235	64.6	43.9	83.9
272	12.9	0.0	33.8

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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: 122.958 ng

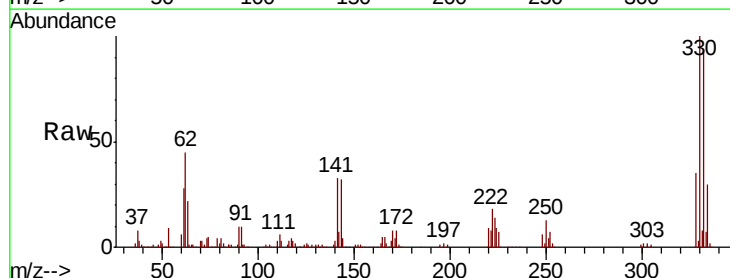
RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

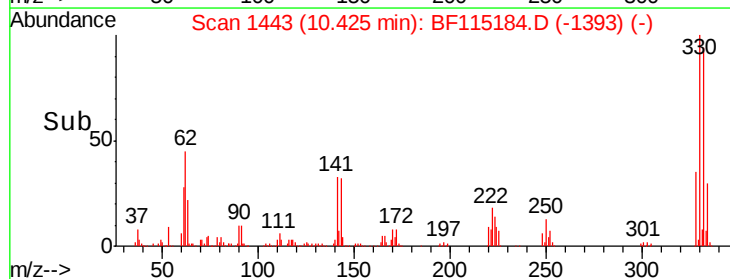
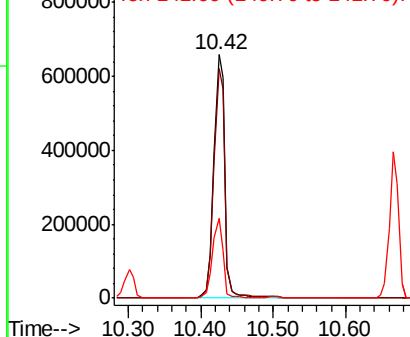
Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Tgt Ion:	330	Resp:	701843
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.3	115.9
141	31.6	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





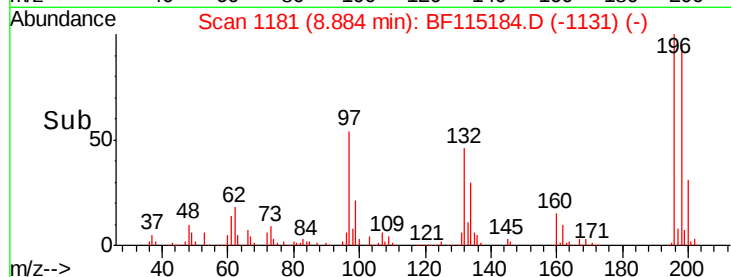
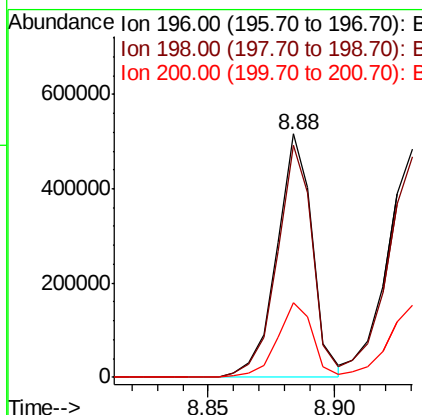
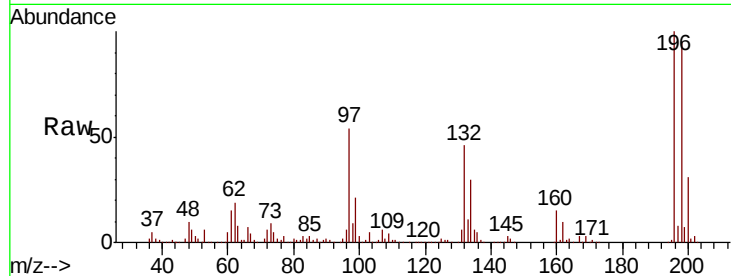
#43
 2,4,6-Trichlorophenol
 Concen: 42.756 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	504890		
198	95.4	76.3	114.5	
200	30.5	24.2	36.4	

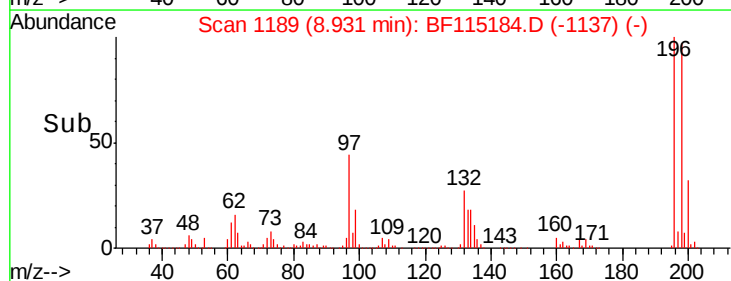
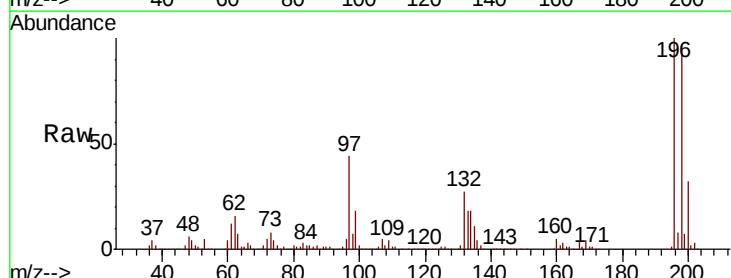
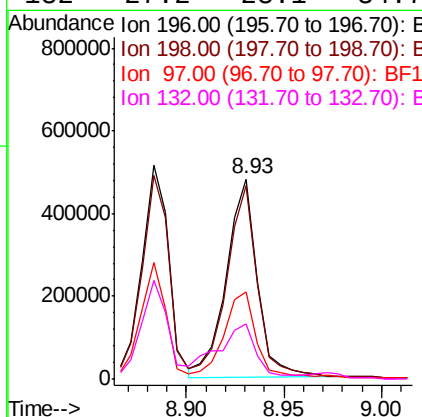
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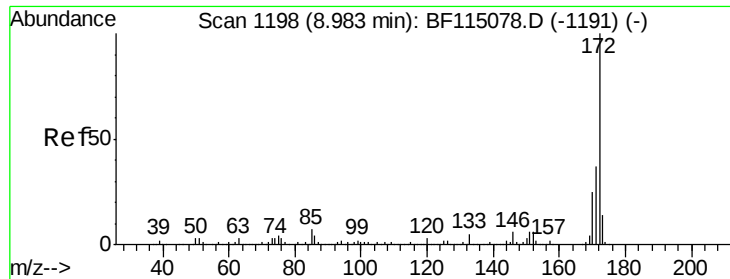
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#44
 2,4,5-Trichlorophenol
 Concen: 43.737 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	531875		
198	96.6	77.1	115.7	
97	43.7	37.7	56.5	
132	27.2	23.1	34.7	





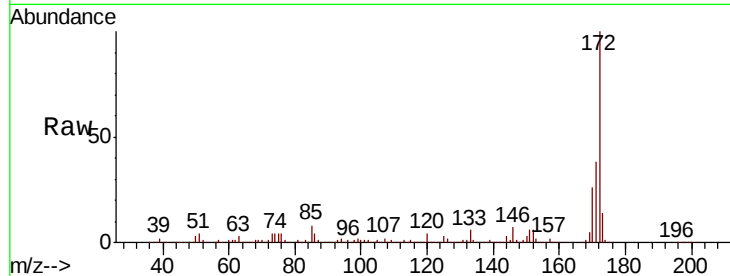
#45
2-Fluorobiphenyl
Concen: 85.229 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

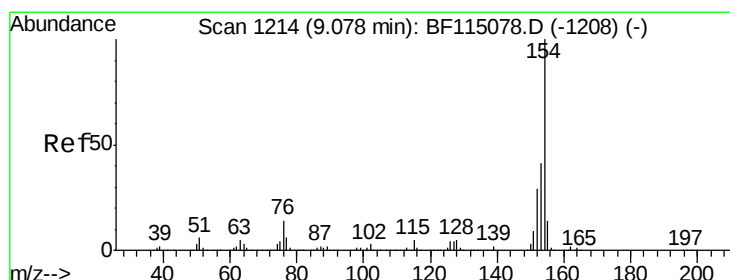
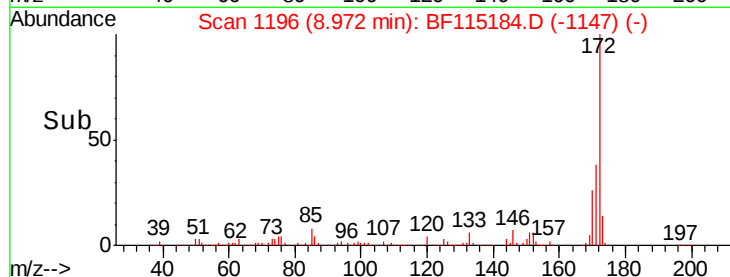
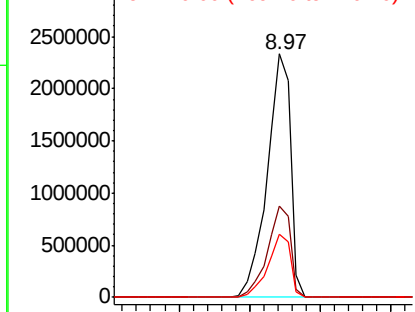
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	25.9	20.3	30.5

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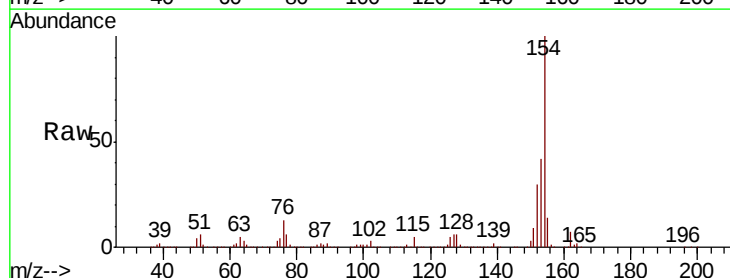


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

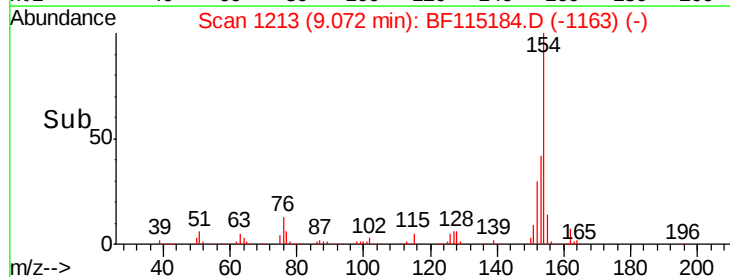
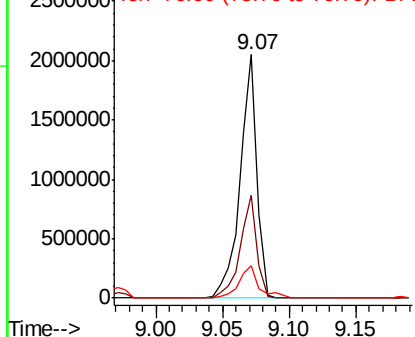


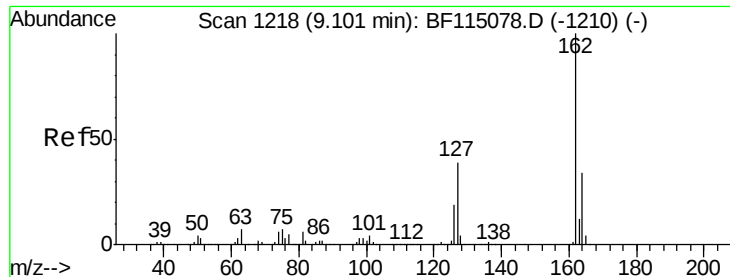
#46
1,1'-Biphenyl
Concen: 41.519 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.9	60.9
76	13.2	0.0	34.1



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





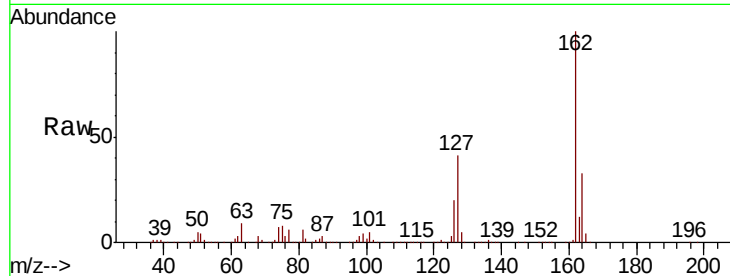
#47
 2-Chloronaphthalene
 Concen: 41.934 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

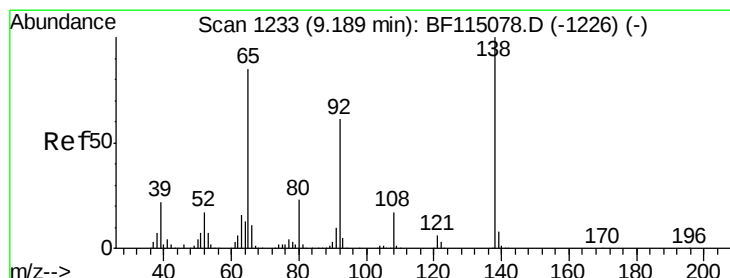
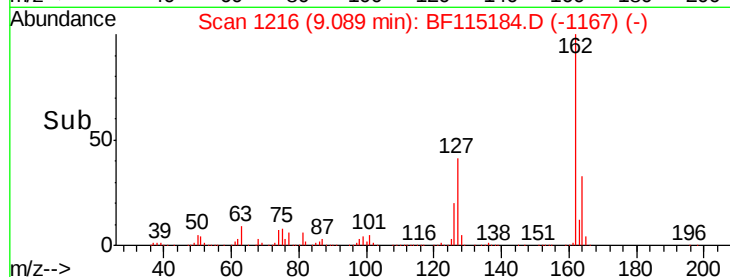
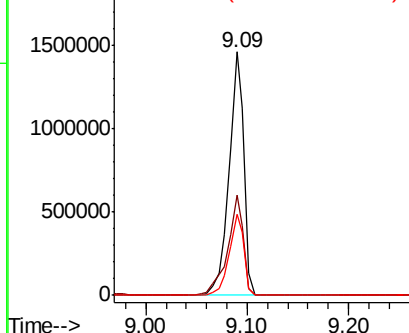
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.8	46.2
164	33.5	27.0	40.4

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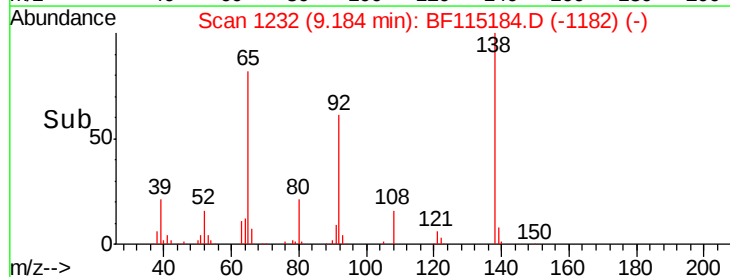
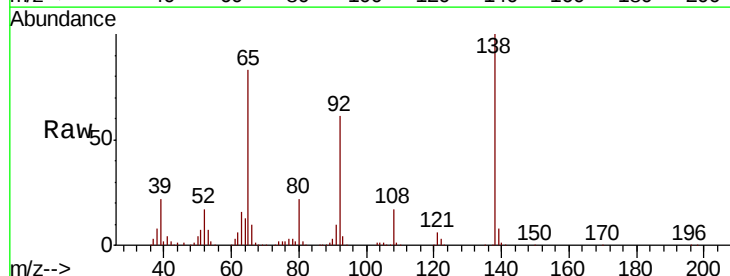
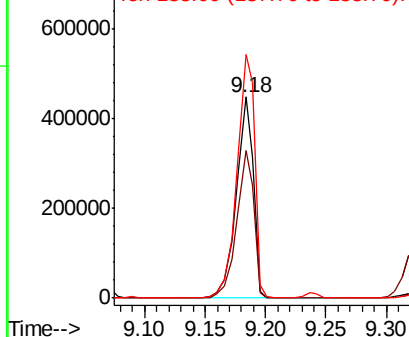
Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

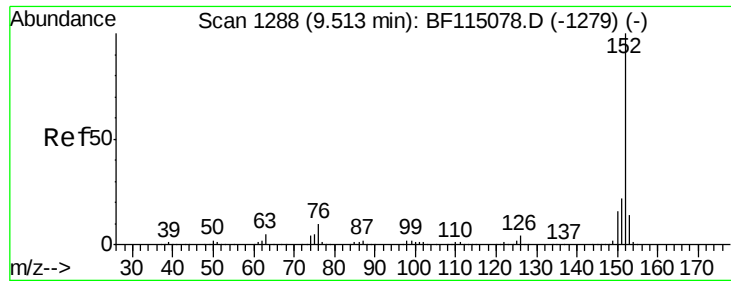


#48
 2-Nitroaniline
 Concen: 43.224 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.4	86.2
138	121.0	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: 41.574 ng

RT: 9.50 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

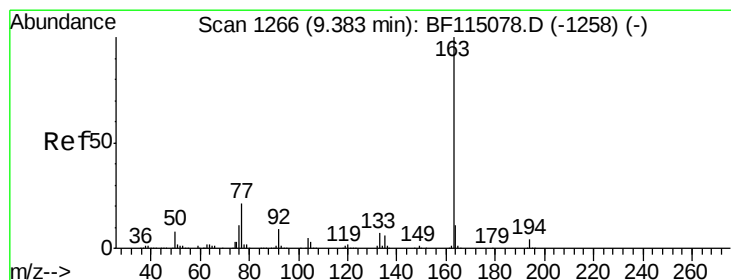
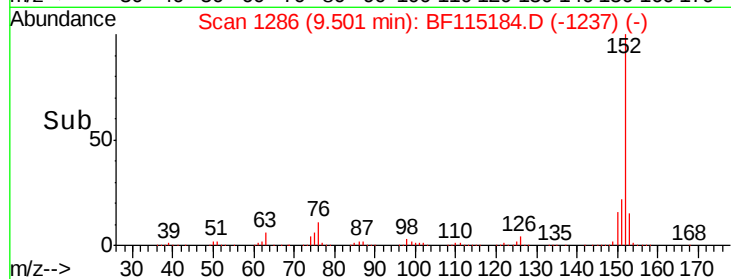
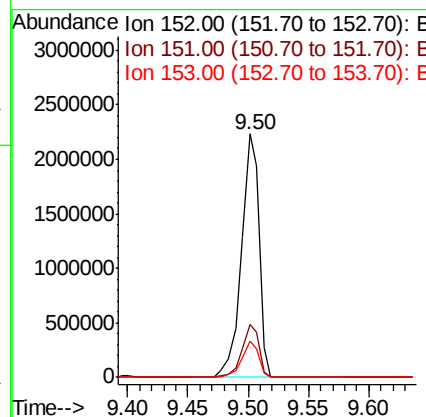
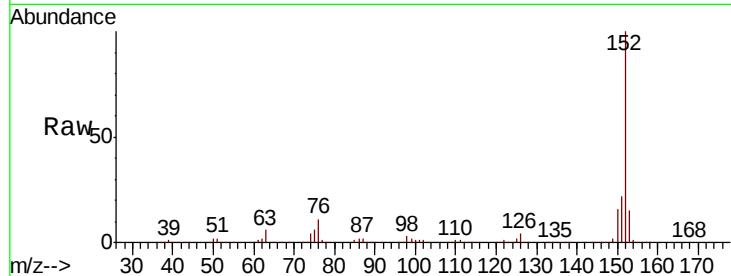
ClientSampleId :

PB120809BS

Tot Ion:	152	Resp:	2275557
Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.7	11.0	16.6

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#50

Dimethylphthalate

Concen: 42.137 ng

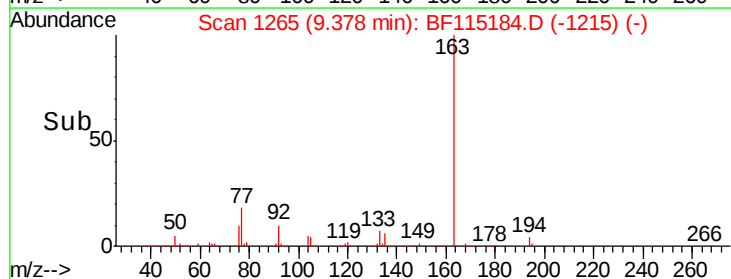
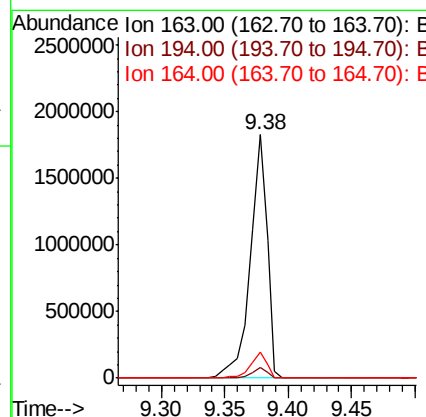
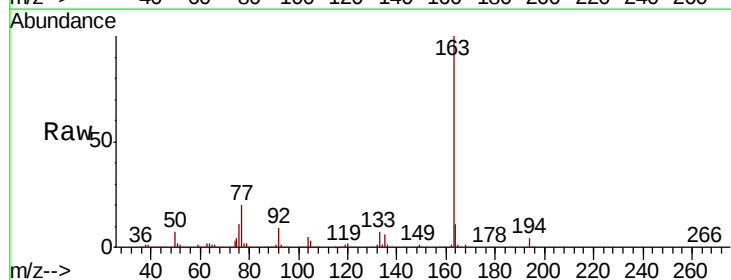
RT: 9.38 min Scan# 1265

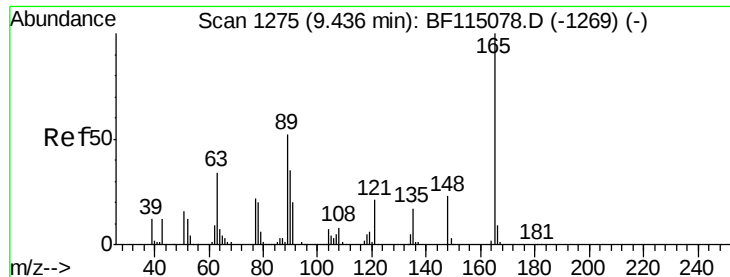
Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Tgt Ion:	163	Resp:	1678004
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.9	8.6	13.0





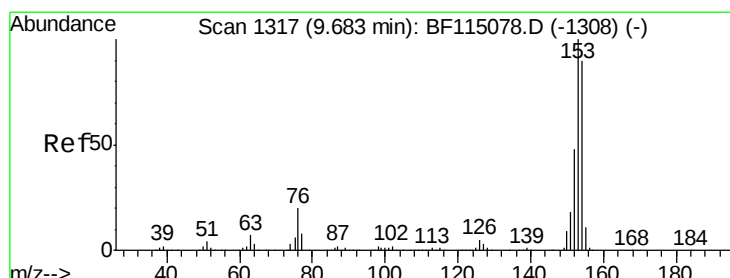
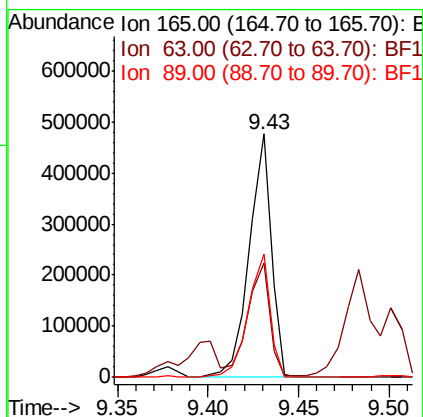
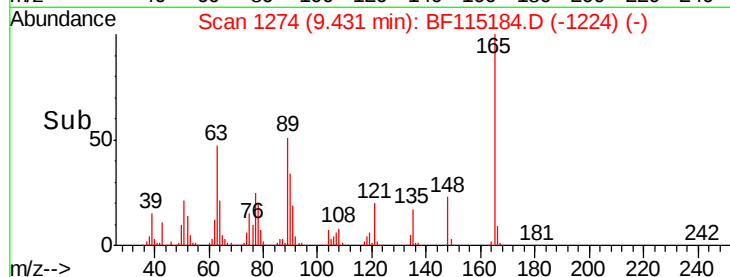
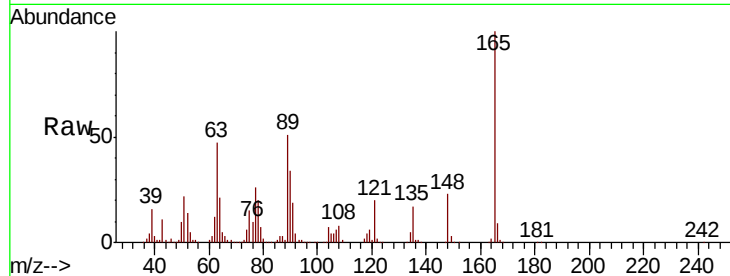
#51
2,6-Dinitrotoluene
Concen: 44.037 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	404874		
63	46.9		39.4	59.2
89	50.9		42.0	63.0

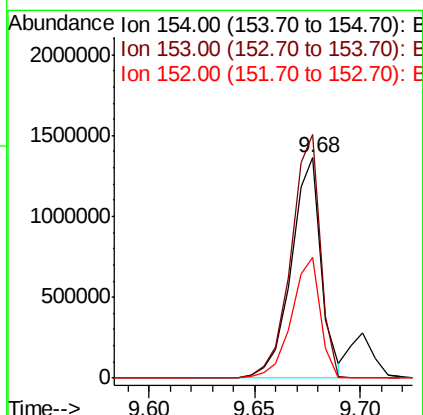
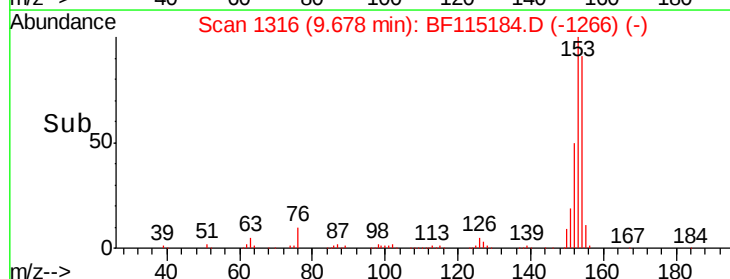
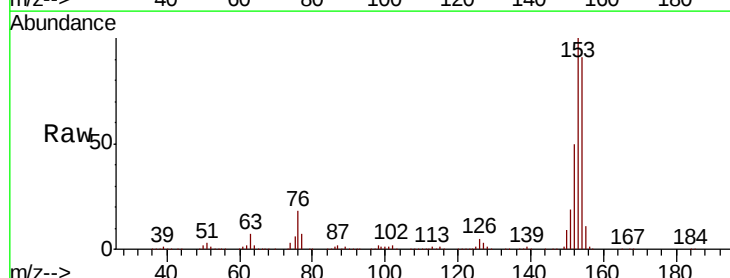
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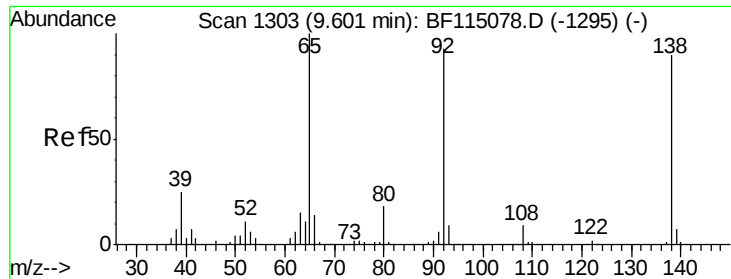
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#52
Acenaphthene
Concen: 39.346 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1347613		
153	110.4		88.7	133.1
152	55.0		42.6	64.0





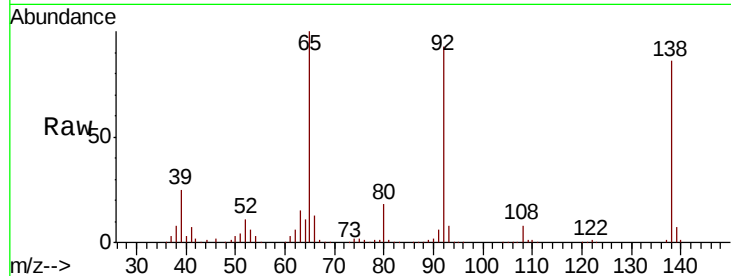
#53
3-Nitroaniline
Concen: 27.126 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

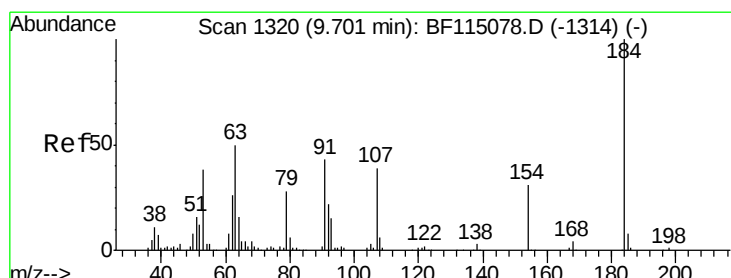
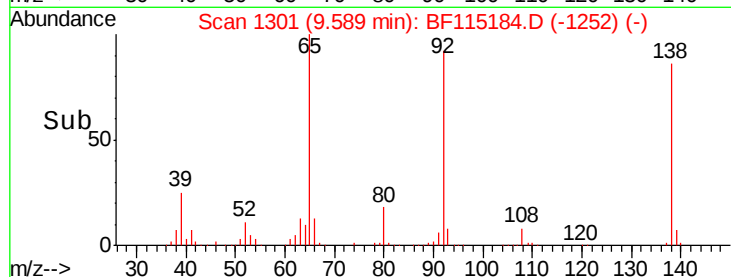
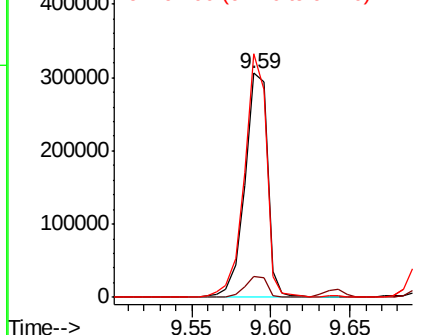
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	108.8	82.9	124.3

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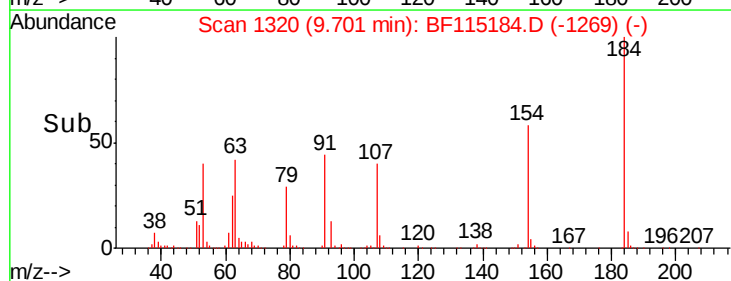
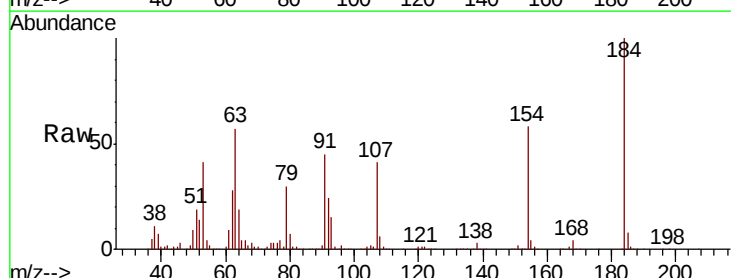
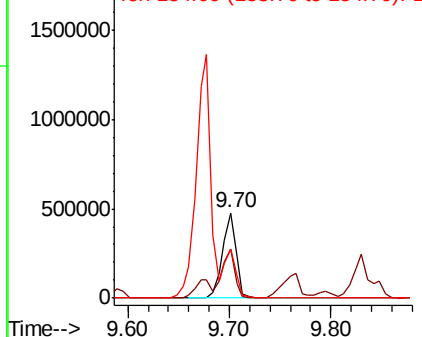
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

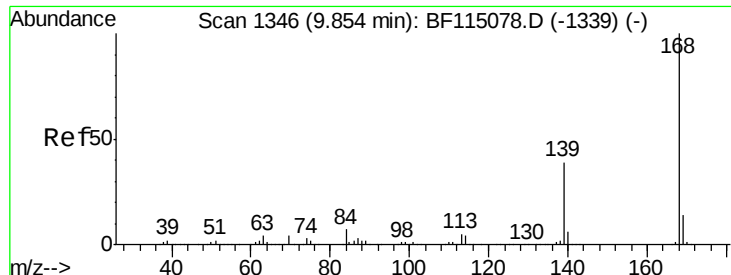


#54
2,4-Dinitrophenol
Concen: 92.893 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	41.9	62.9
154	58.4	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





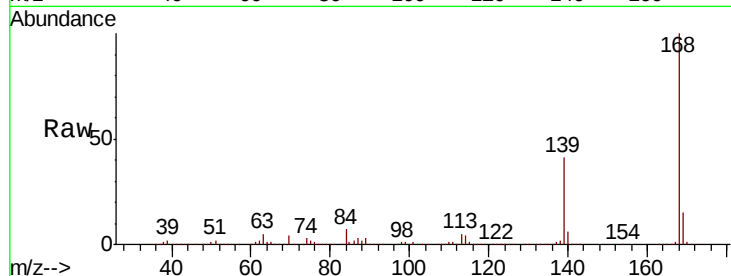
#55
Dibenzofuran
Concen: 40.375 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.1	46.7
169	14.6	11.3	16.9

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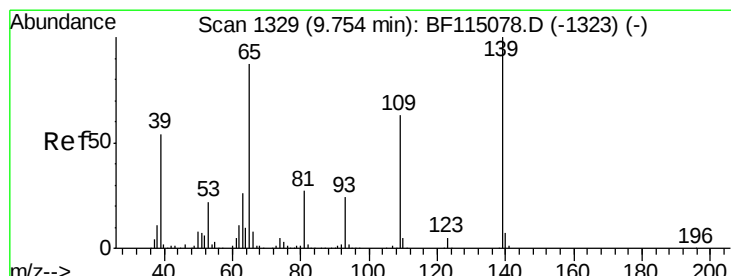
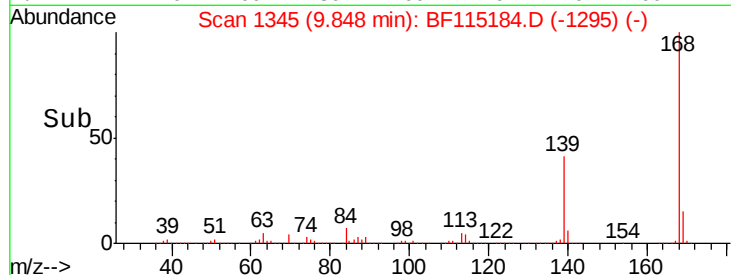
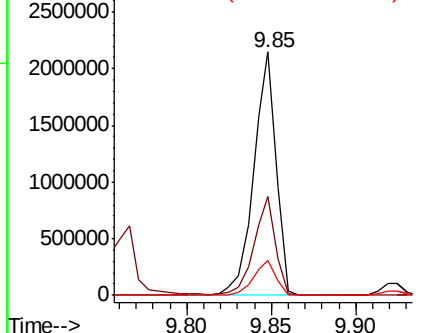


Abundance

Ion 168.00 (167.70 to 168.70): E

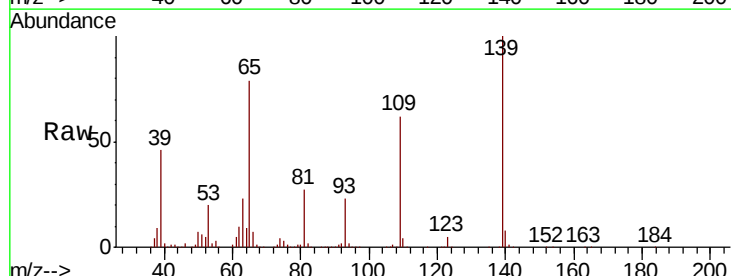
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 79.718 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.5	43.0	83.0
65	78.8	67.0	107.0

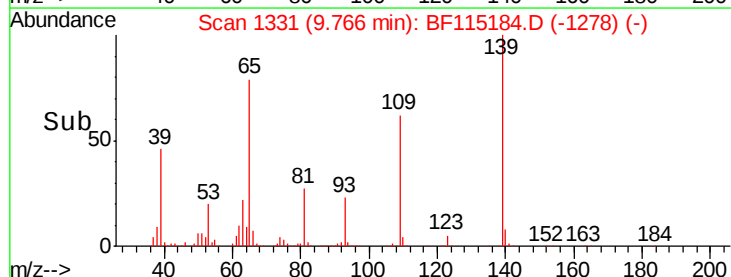
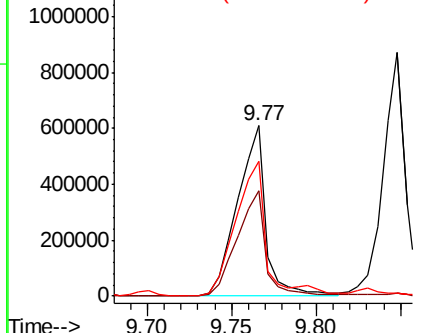


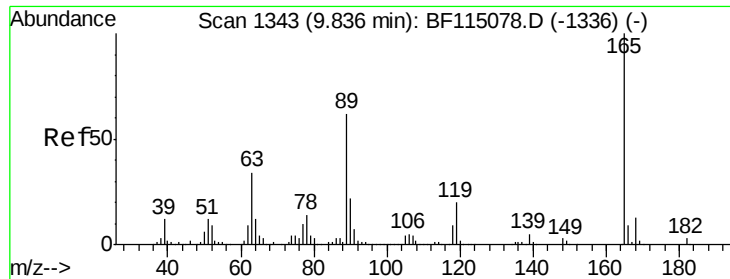
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





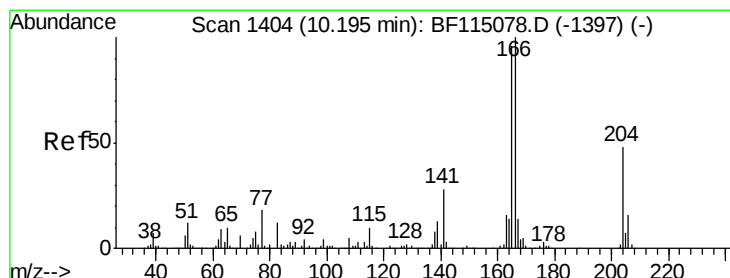
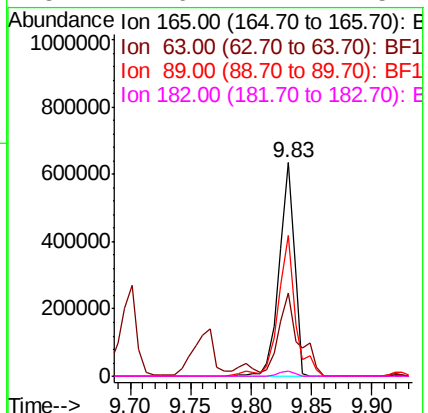
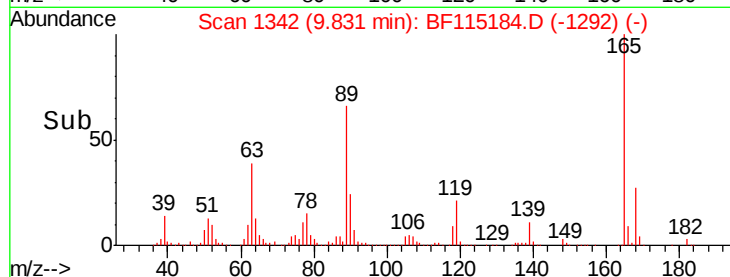
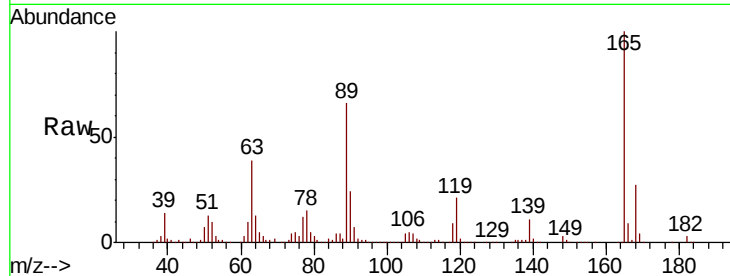
#57
 2,4-Dinitrotoluene
 Concen: 45.769 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.0	27.5	41.3	
89	66.1	49.9	74.9	
182	2.6	2.1	3.1	

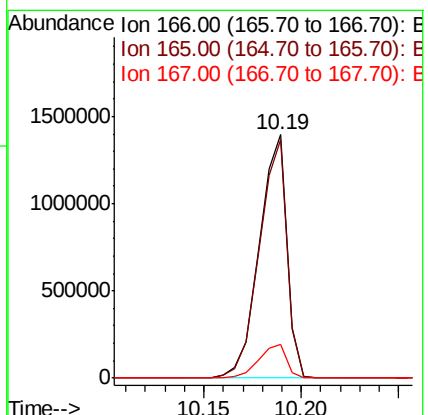
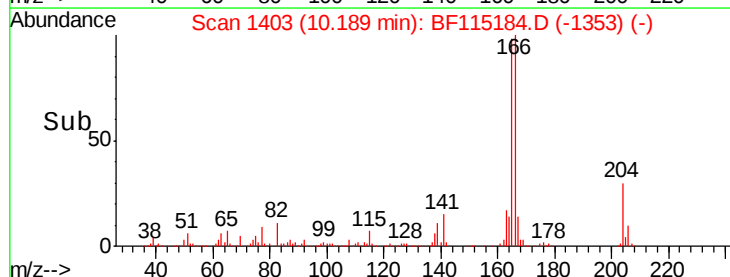
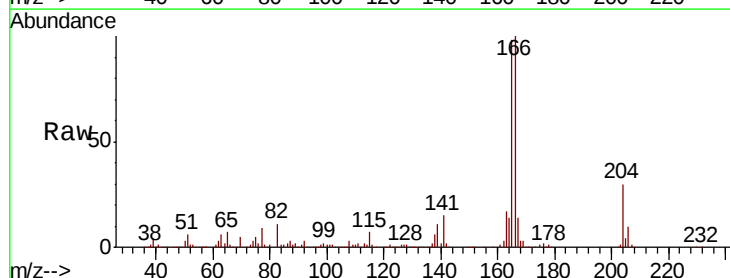
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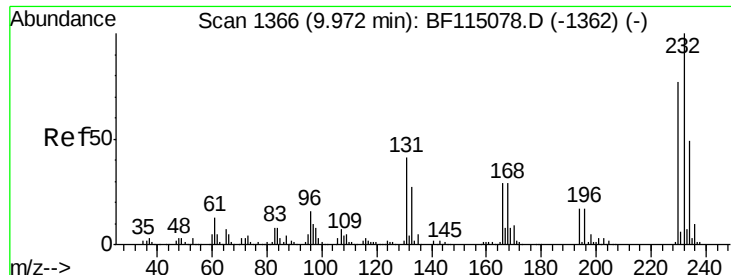
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#58
 Fluorene
 Concen: 41.177 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	76.5	114.7	
167	13.7	11.0	16.4	





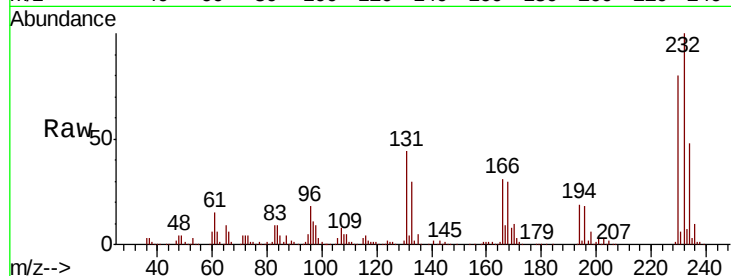
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.641 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

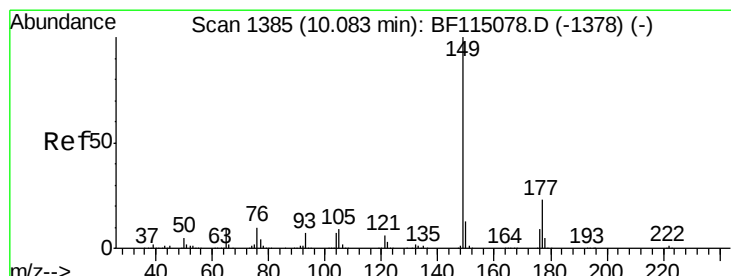
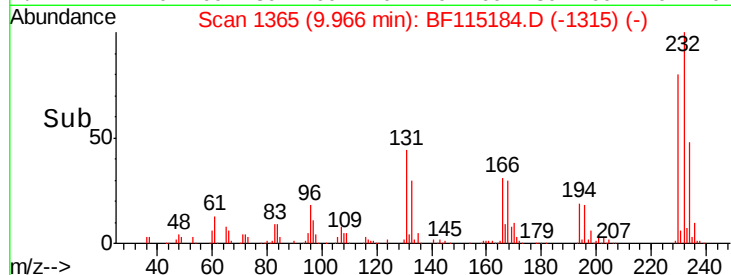
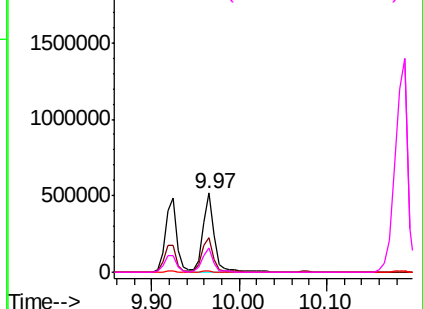
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	37.4	56.0
130	2.2	1.8	2.6
166	29.2	24.6	36.8

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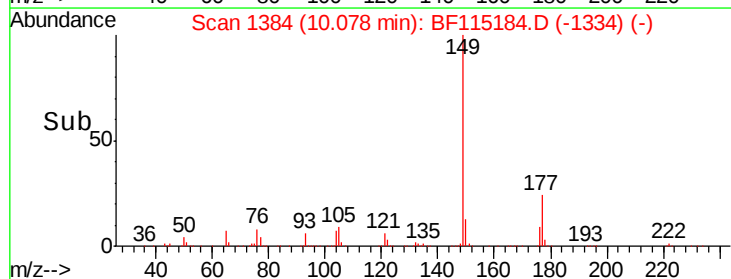
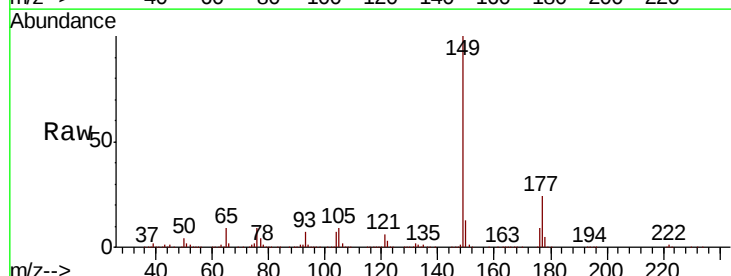
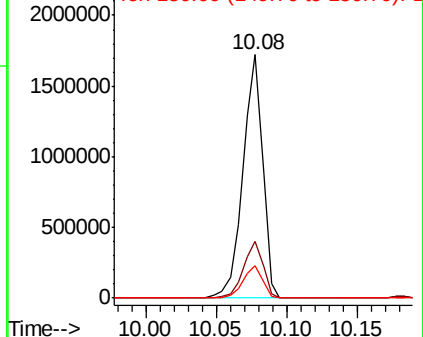
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

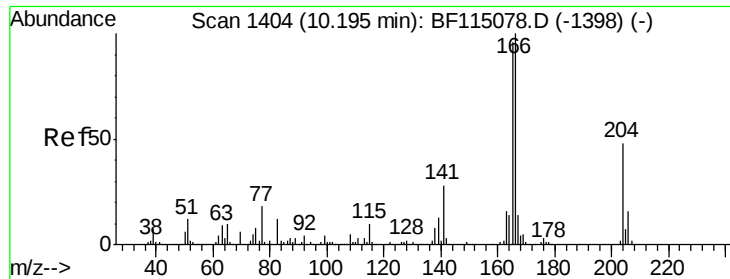


#60
 Diethylphthalate
 Concen: 41.691 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.7	28.1
150	13.1	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





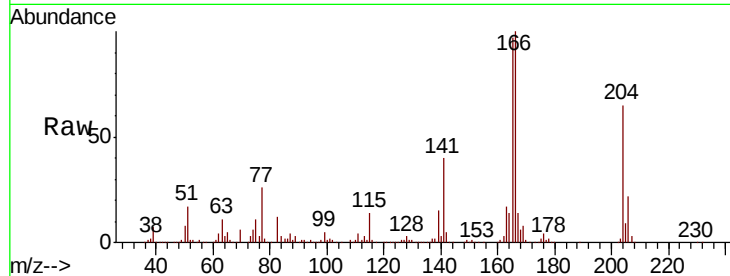
#61
4-Chlorophenyl-phenylether
Concen: 42.272 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampled :
PB120809BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	40.0
141	62.1	46.7	70.1

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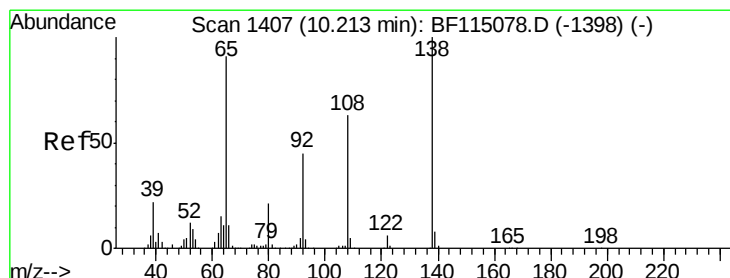
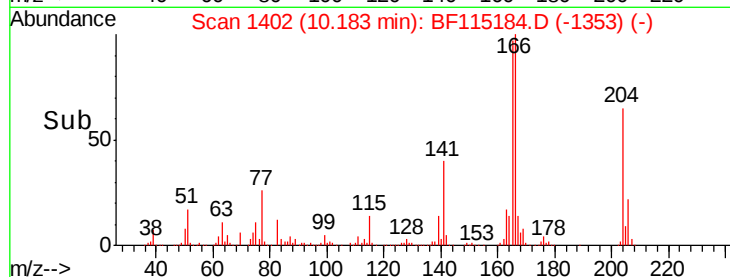
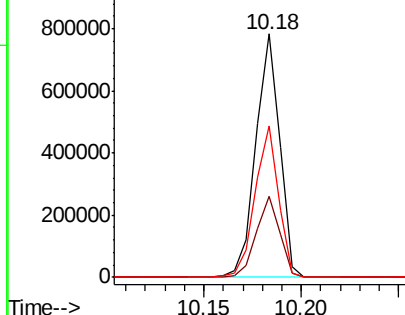


Abundance

Ion 204.00 (203.70 to 204.70): E

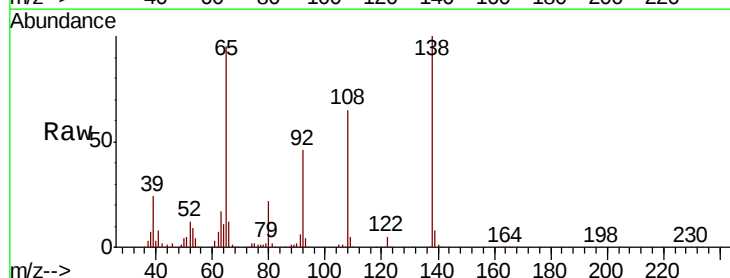
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.212 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	24.8	64.8
108	64.9	43.3	83.3

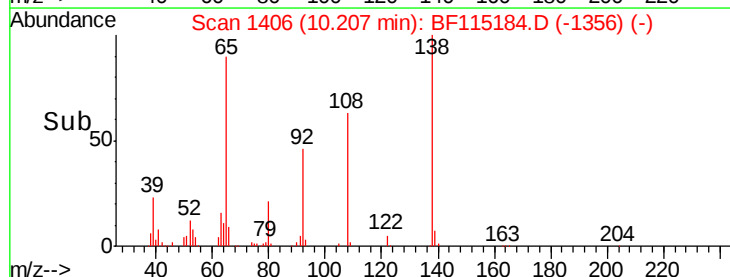
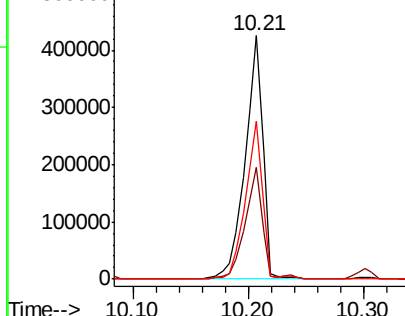


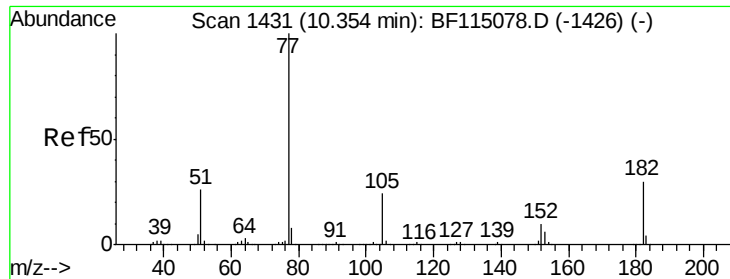
Abundance

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





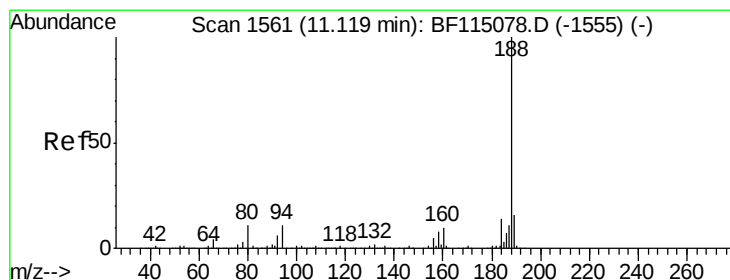
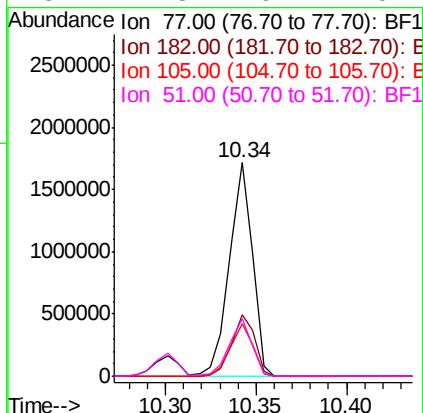
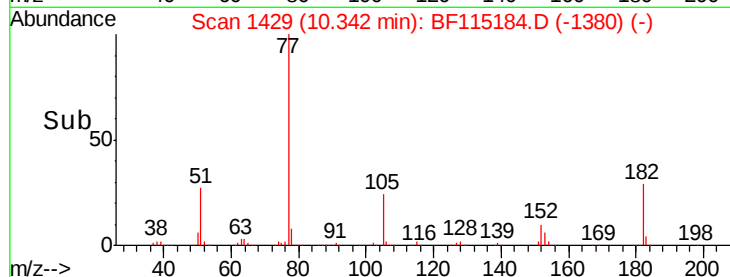
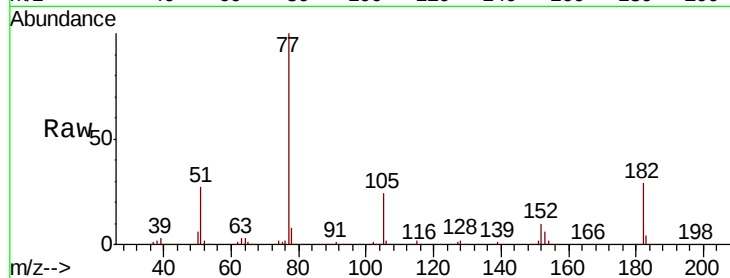
#63
Azobenzene
Concen: 40.917 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	10.1	50.1
105	24.4	4.5	44.5
51	27.3	6.4	46.4

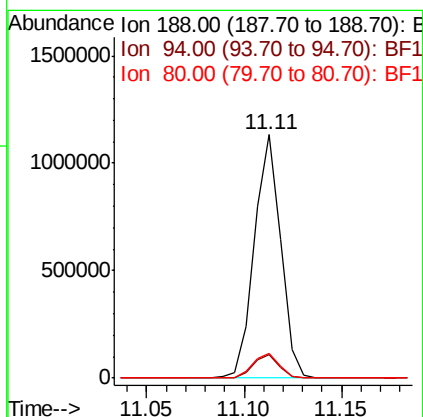
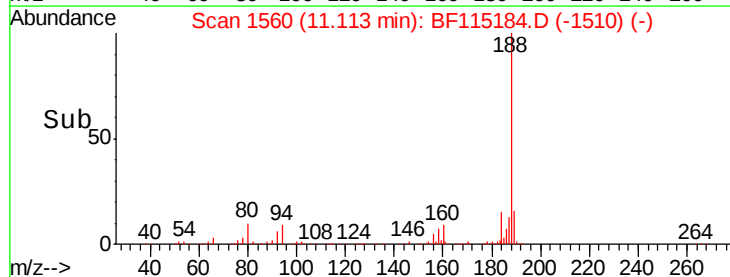
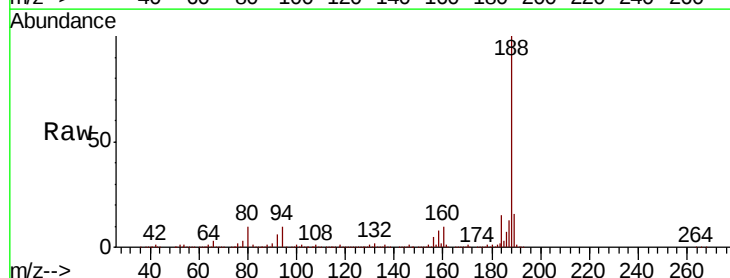
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	12.8
80	10.0	8.8	13.2





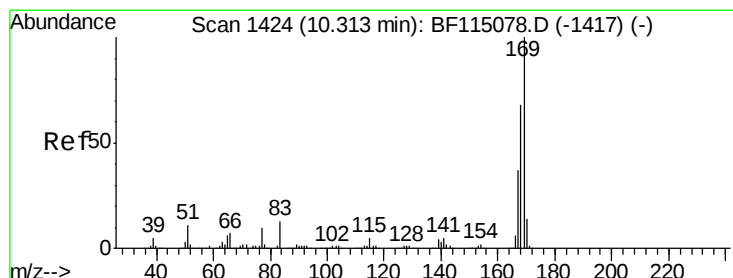
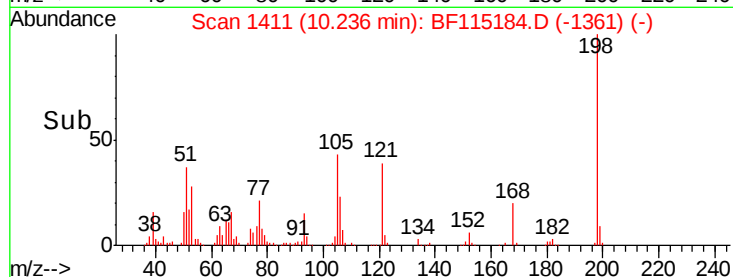
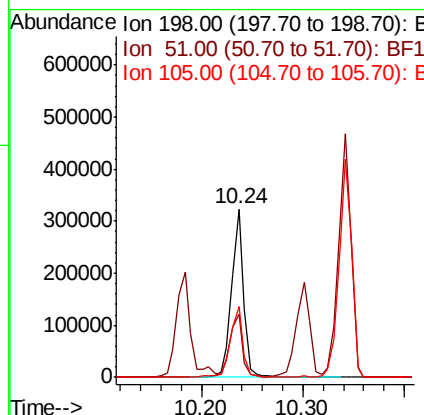
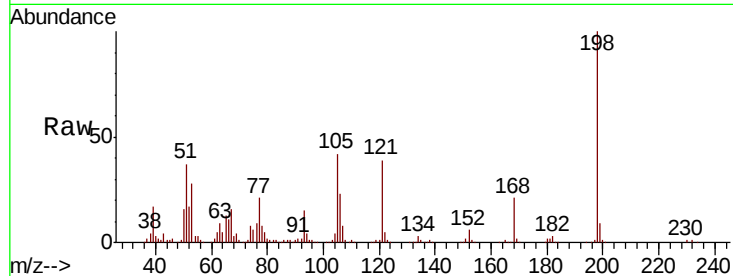
#65
4,6-Dinitro-2-methylphenol
Concen: 47.359 ng
RT: 10.24 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.4	11.0	51.0
105	42.4	17.3	57.3

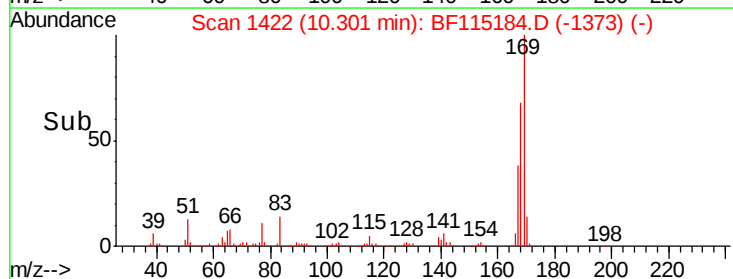
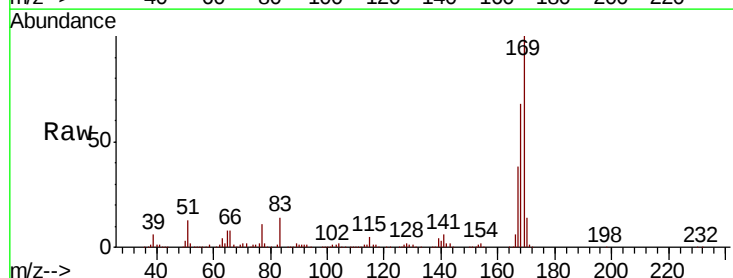
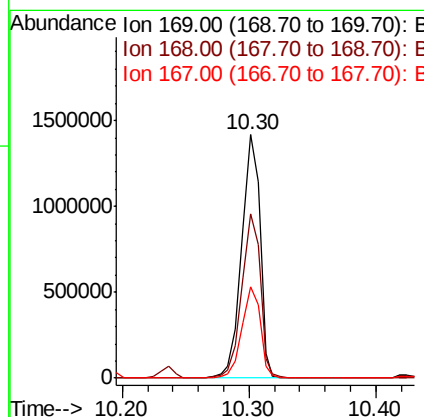
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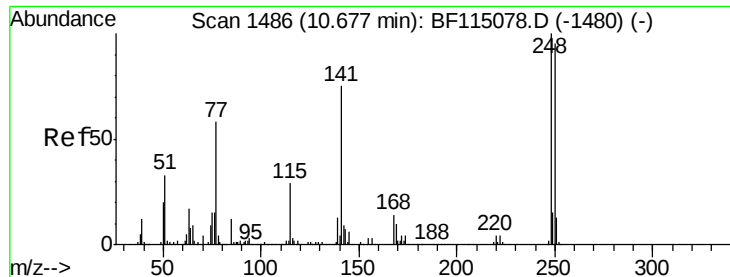
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#66
n-Nitrosodiphenylamine
Concen: 42.574 ng
RT: 10.30 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.2	81.4
167	37.6	29.4	44.0





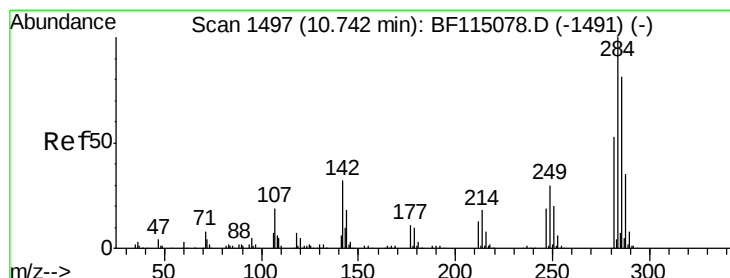
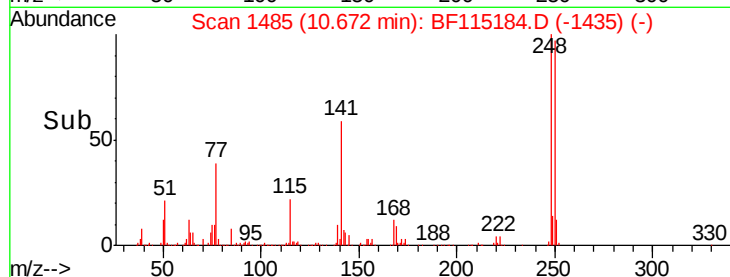
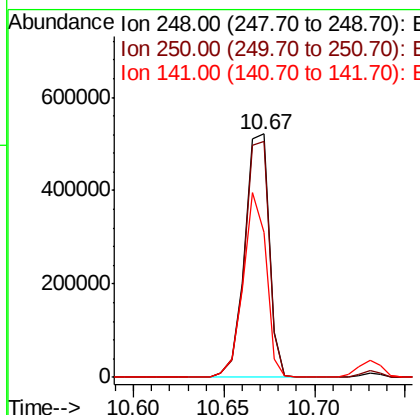
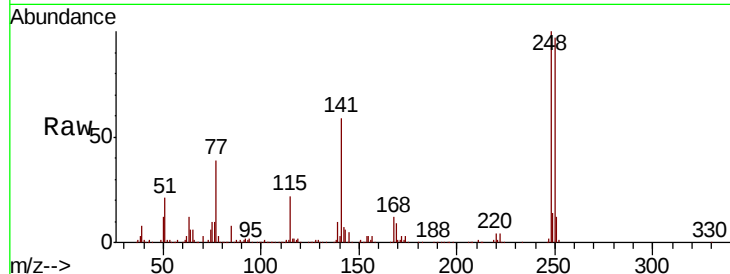
#67
4-Bromophenyl-phenylether
Concen: 42.657 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.2	114.2
141	59.4	59.6	89.4

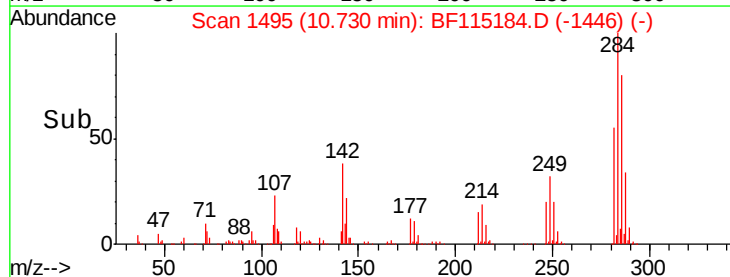
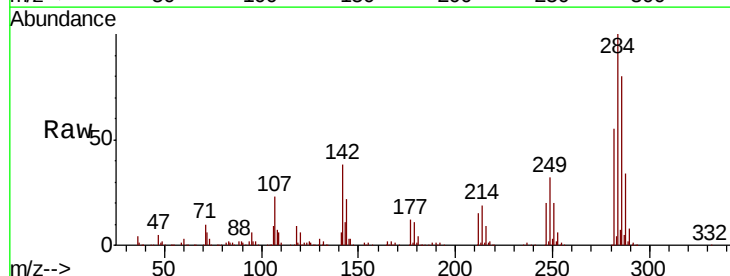
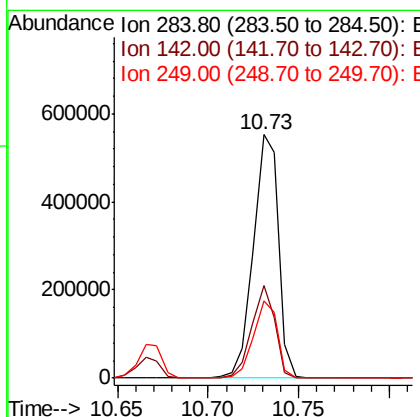
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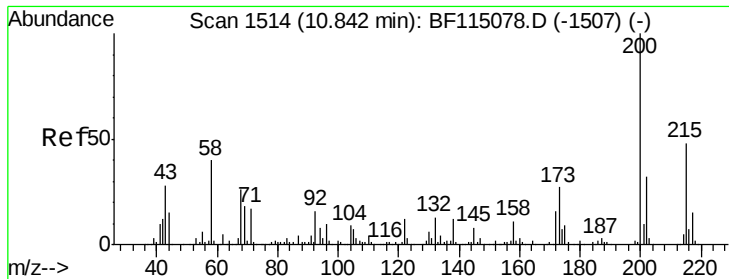
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#68
Hexachlorobenzene
Concen: 42.741 ng
RT: 10.73 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	25.8	38.8
249	31.5	24.2	36.4





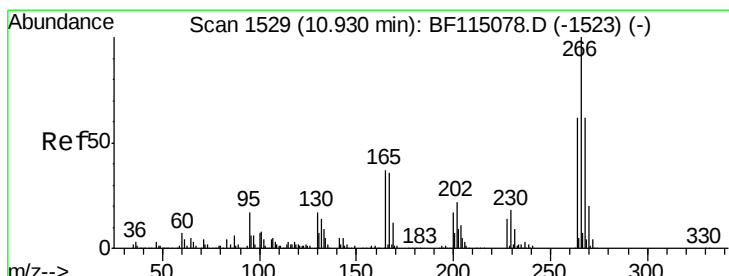
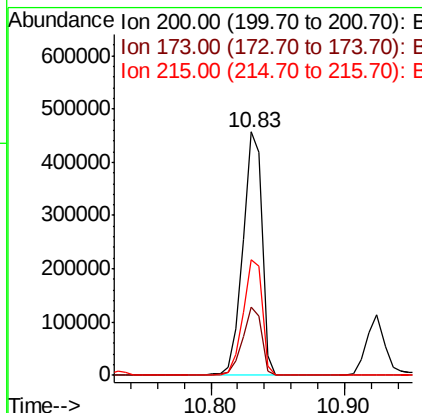
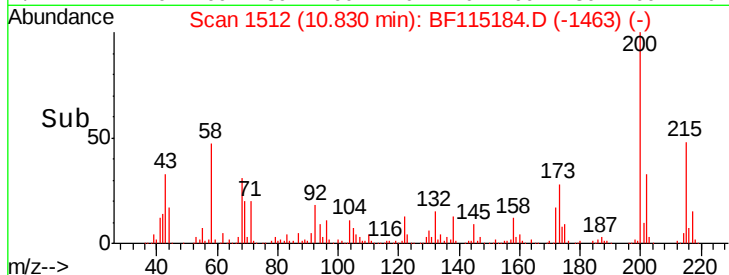
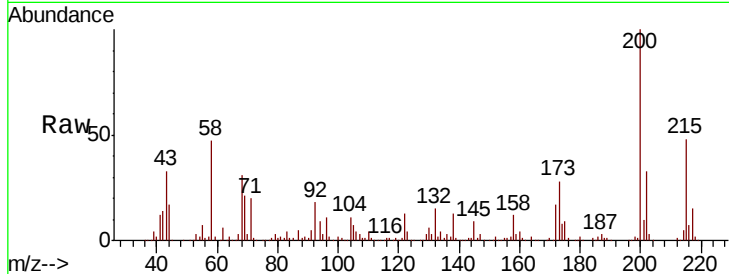
#69
Atrazine
Concen: 42.631 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	7.4	47.4
215	47.6	27.8	67.8

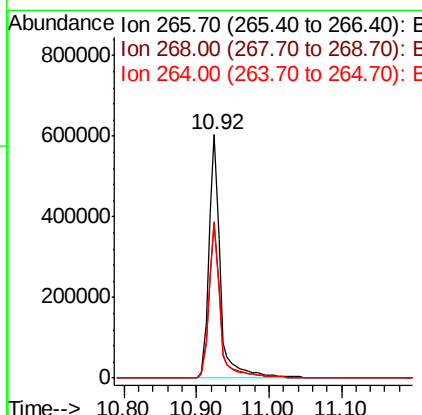
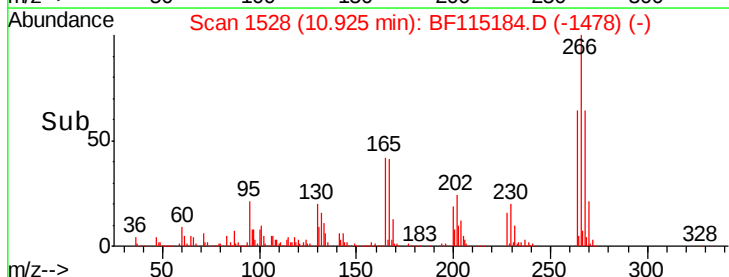
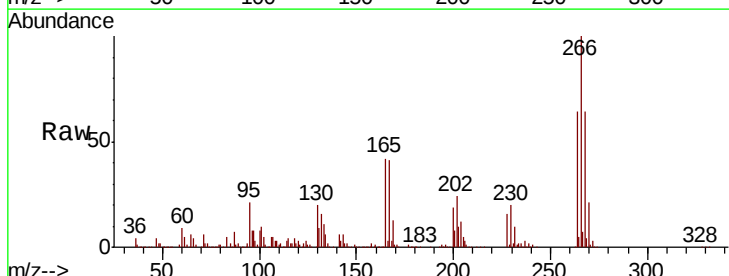
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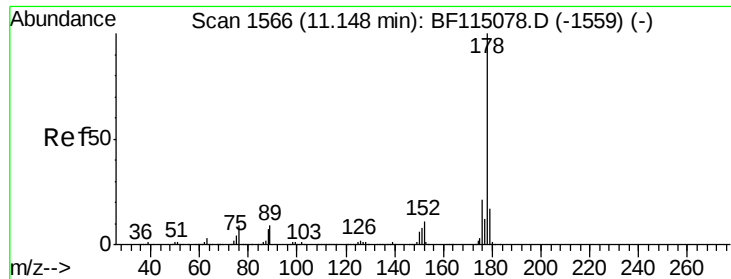
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#70
Pentachlorophenol
Concen: 83.554 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	49.5	74.3
264	64.3	49.3	73.9





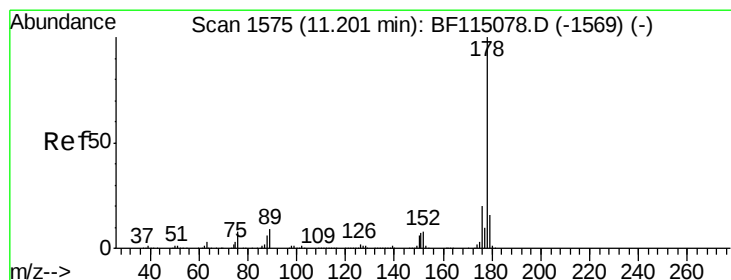
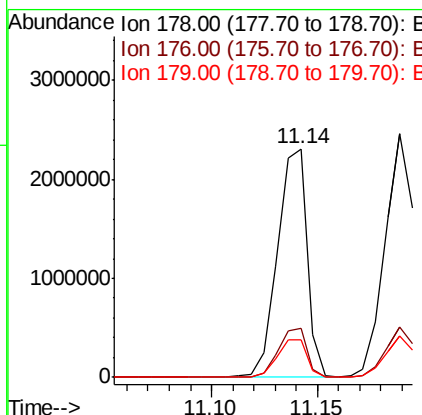
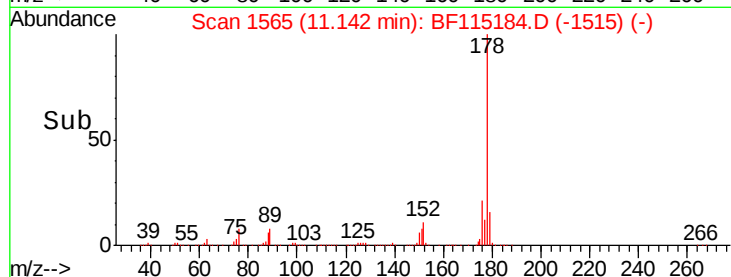
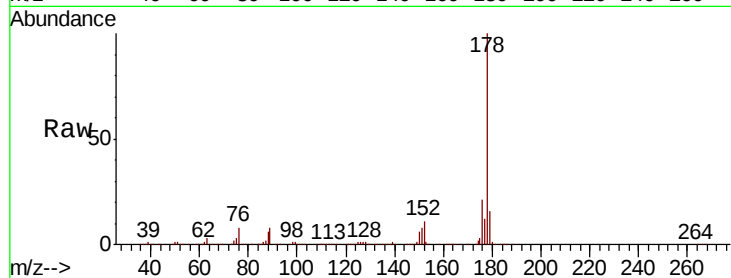
#71
Phenanthrene
Concen: 39.645 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.9	25.3
179	16.4	13.2	19.8

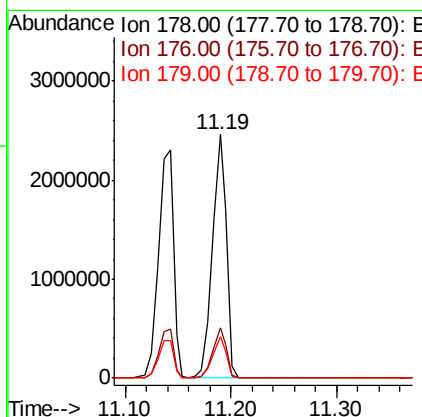
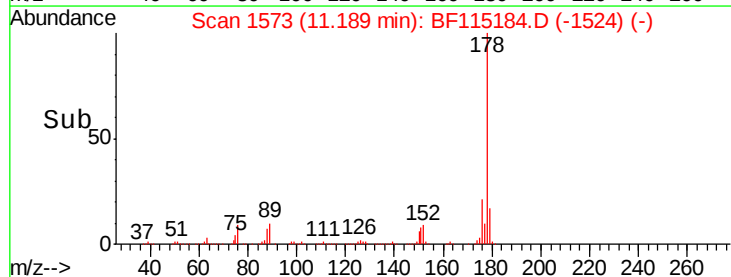
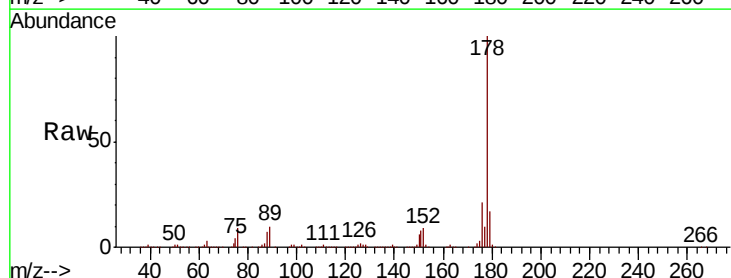
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#72
Anthracene
Concen: 40.481 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.1	24.1
179	16.9	12.9	19.3





#73

Carbazole

Concen: 41.227 ng

RT: 11.34 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion:167 Resp: 2118253

Ion Ratio Lower Upper

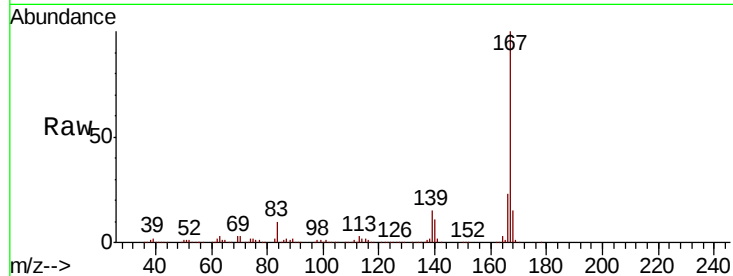
167 100

166 23.3 18.0 27.0

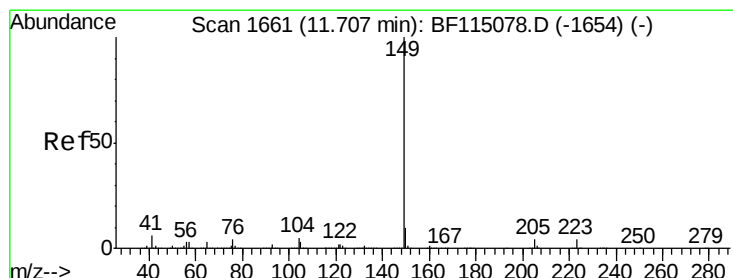
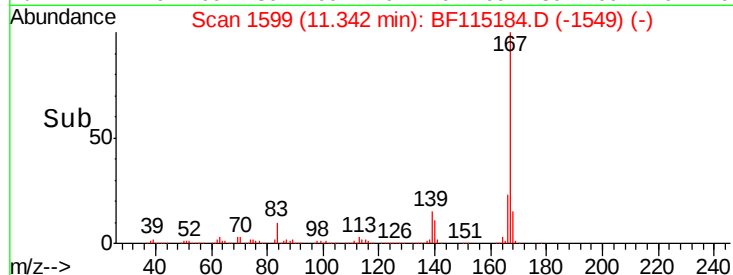
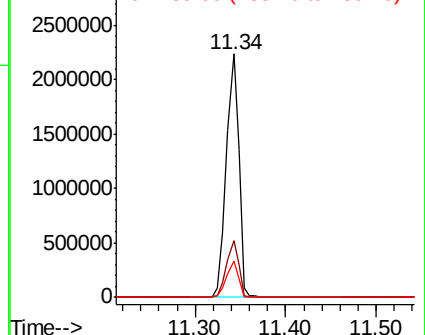
139 14.6 11.1 16.7

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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: 41.109 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

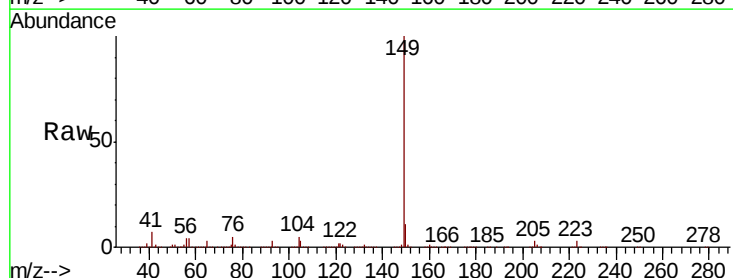
Tgt Ion:149 Resp: 2440778

Ion Ratio Lower Upper

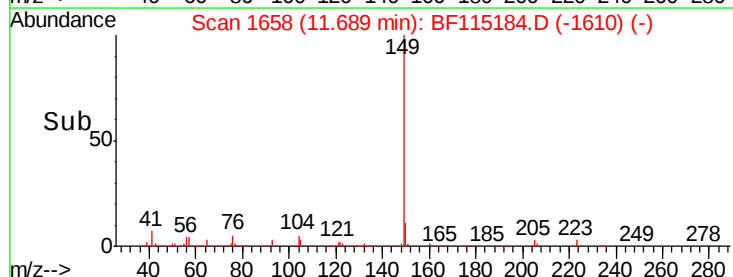
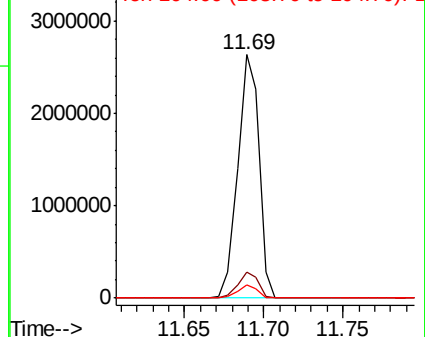
149 100

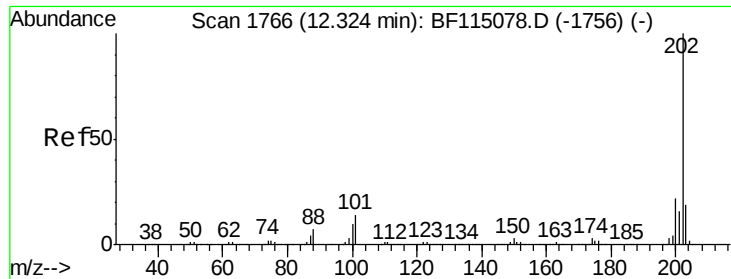
150 10.5 7.8 11.8

104 5.3 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





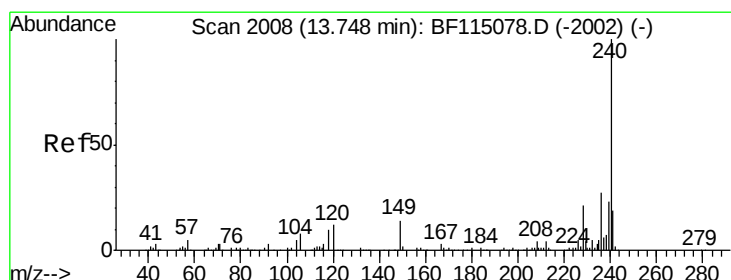
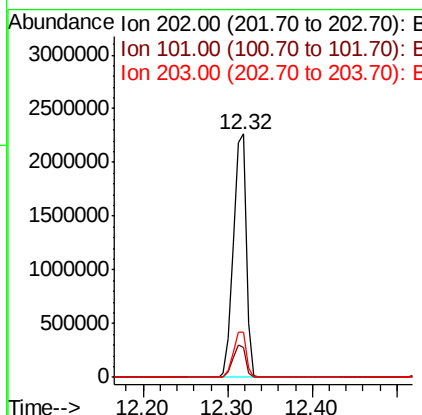
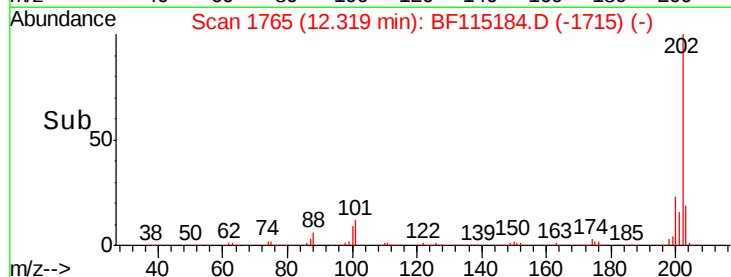
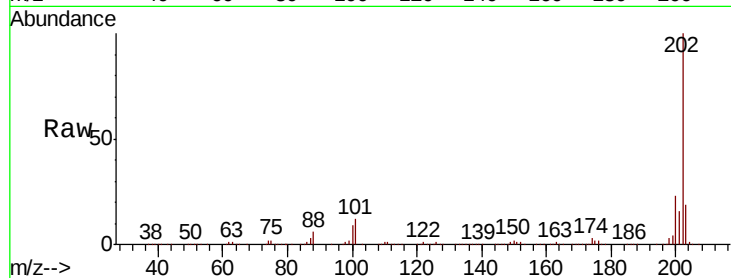
#75
Fluoranthene
Concen: 41.258 ng
RT: 12.32 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.0
203	18.8	0.0	38.8

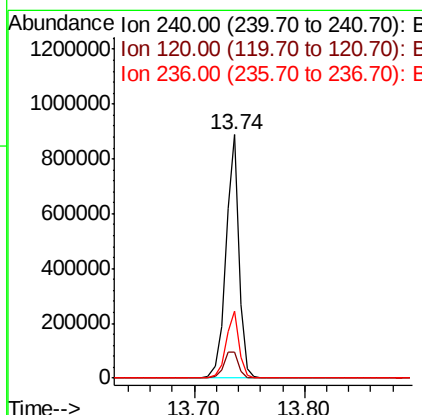
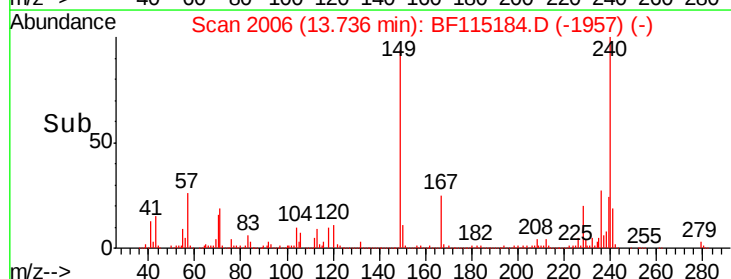
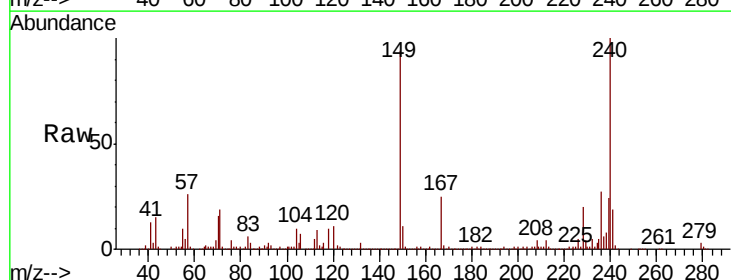
Manual Integrations
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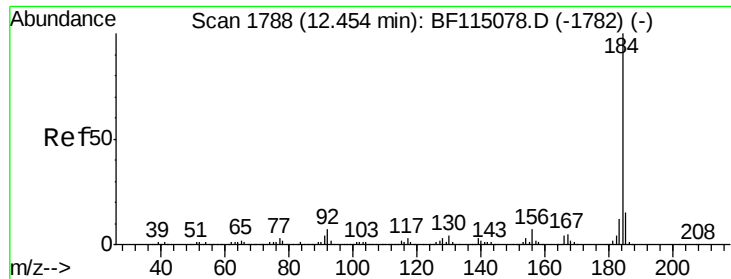
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.2
236	27.3	21.7	32.5





#77

Benzidine

Concen: 24.785 ng

RT: 12.44 min Scan# 1785

Delta R.T. -0.02 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

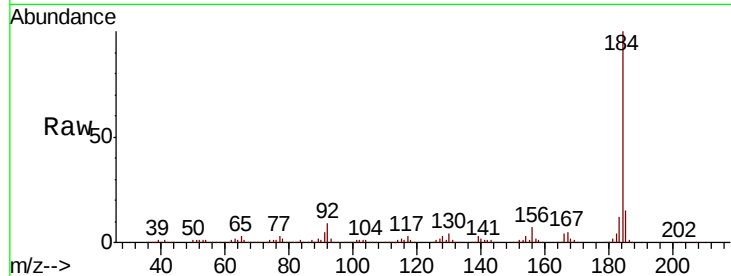
ClientSampled :

PB120809BS

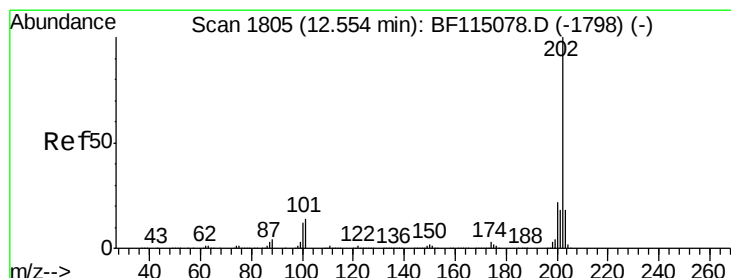
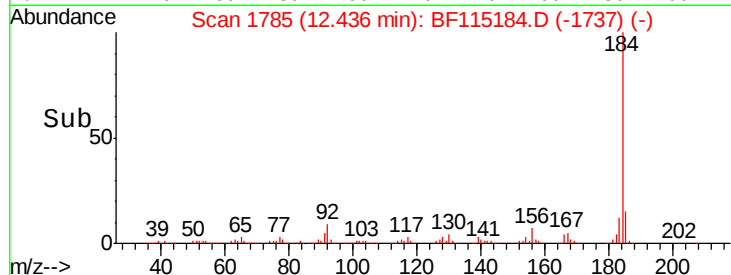
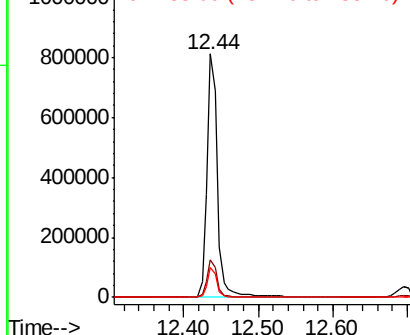
Tot Ion:	184	Resp:	801440
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.2	18.2
183	12.2	9.6	14.4

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



#78

Pyrene

Concen: 42.733 ng

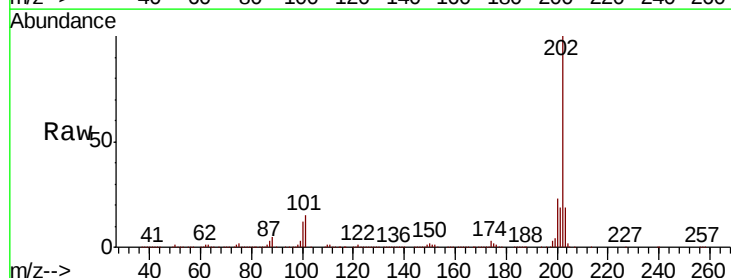
RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

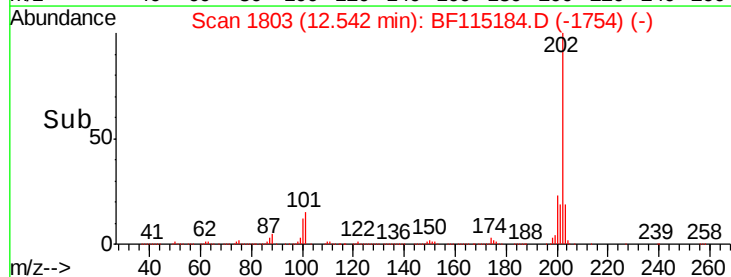
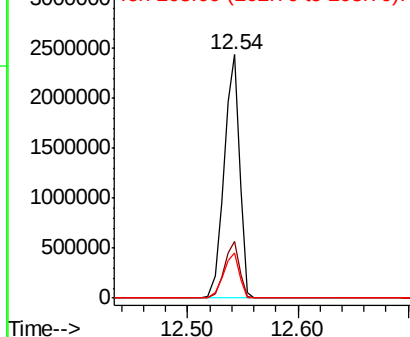
Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Tgt Ion:	202	Resp:	2391529
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.9	26.9
203	18.8	14.6	21.8



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





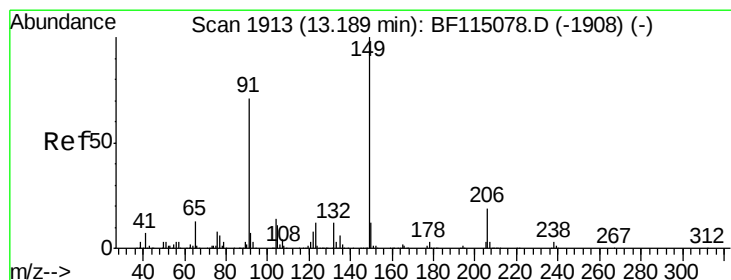
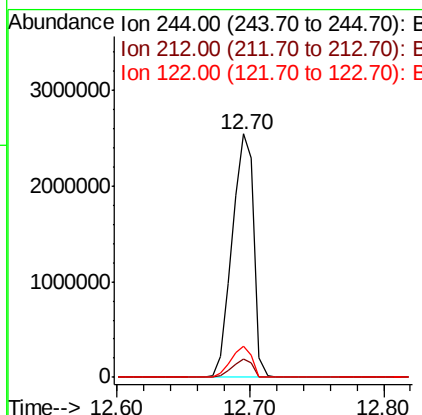
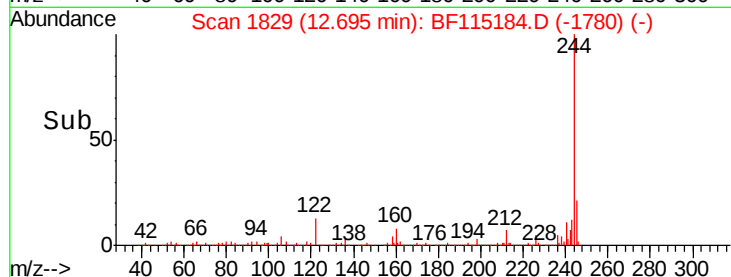
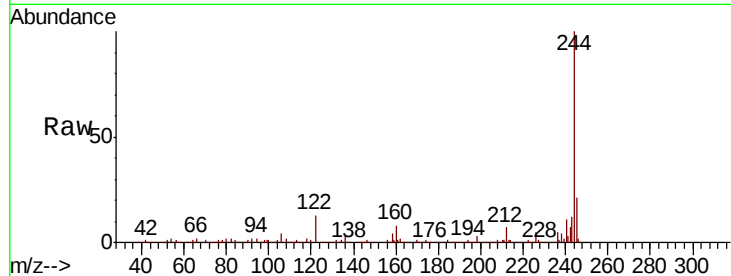
#79
 Terphenyl-d14
 Concen: 84.793 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	12.6	10.4	15.6

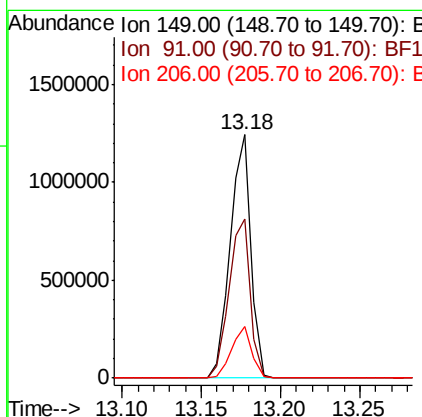
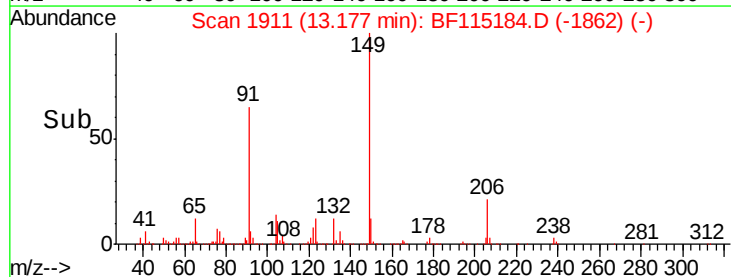
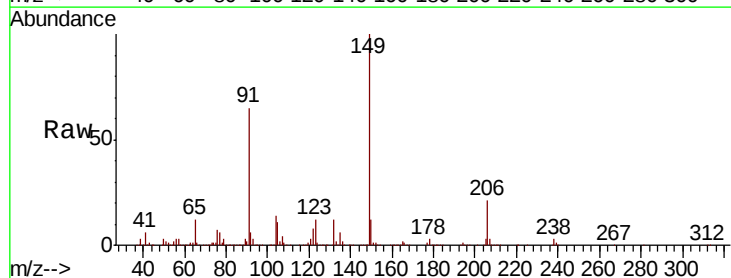
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#80
 Butylbenzylphthalate
 Concen: 45.431 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	56.5	84.7
206	21.2	15.3	22.9





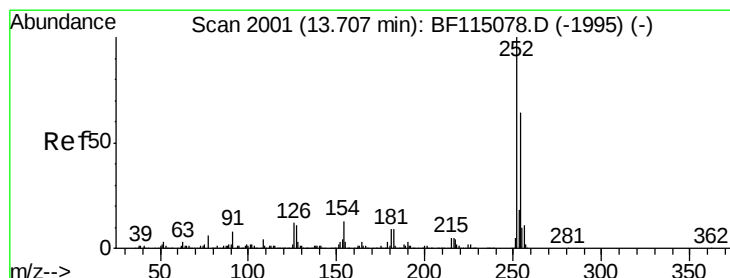
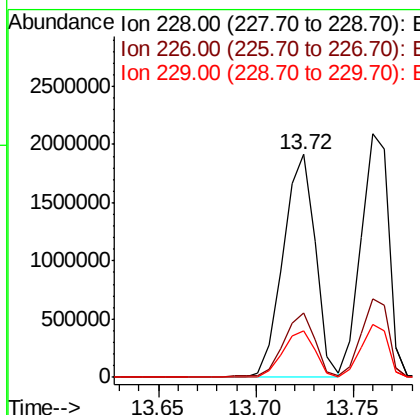
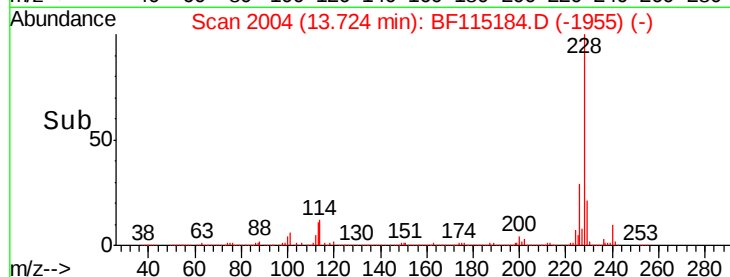
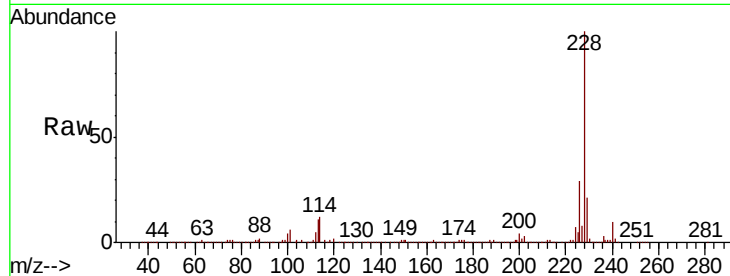
#81
Benzo(a)anthracene
Concen: 41.801 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampled :
PB120809BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	21.0	16.6	24.8

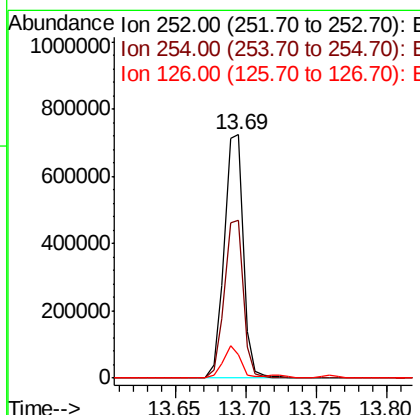
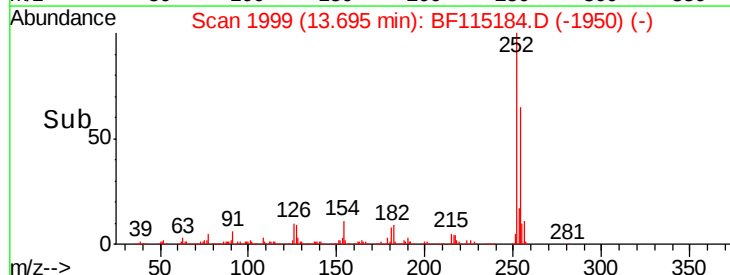
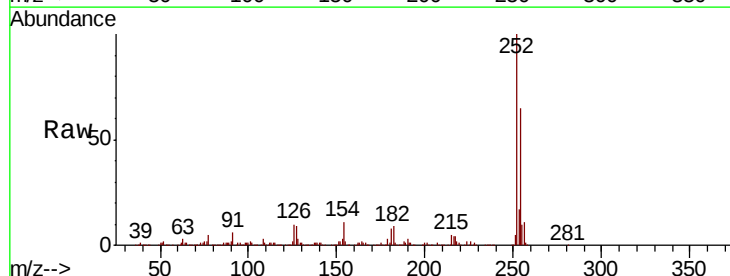
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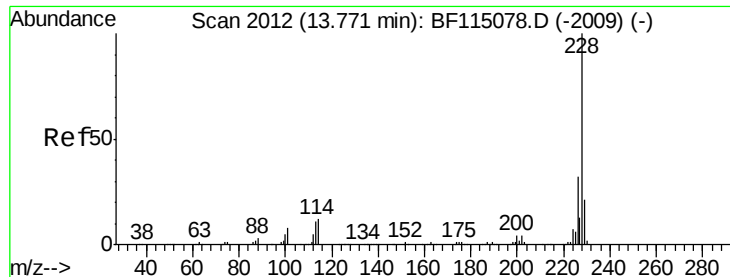
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#82
3,3'-Dichlorobenzidine
Concen: 36.368 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	9.7	9.4	14.0





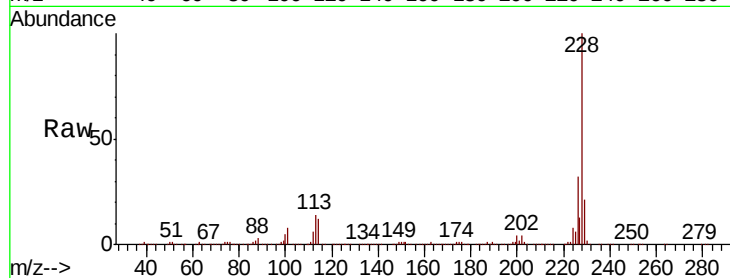
#83
 Chrvsene
 Concen: 43.220 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Instrument :
 BNA_F
 ClientSampled :
 PB120809BS

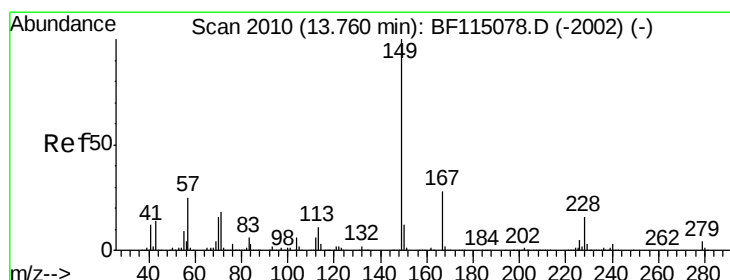
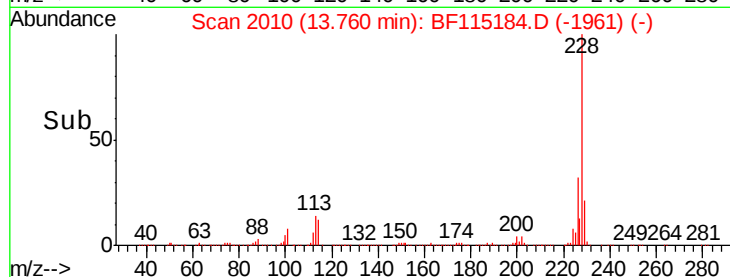
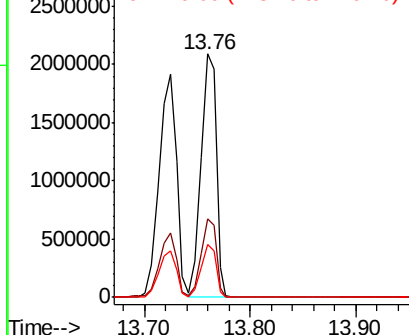
Tot Ion:228 Resp: 2068696
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 21.5 16.5 24.7

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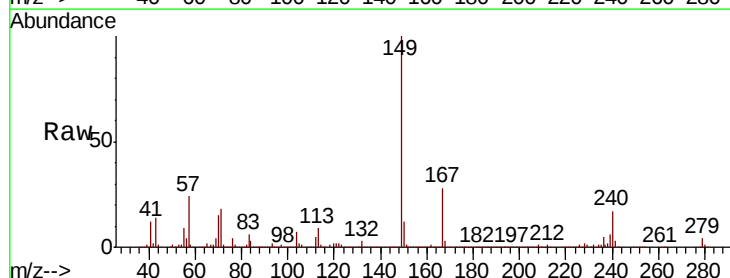


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

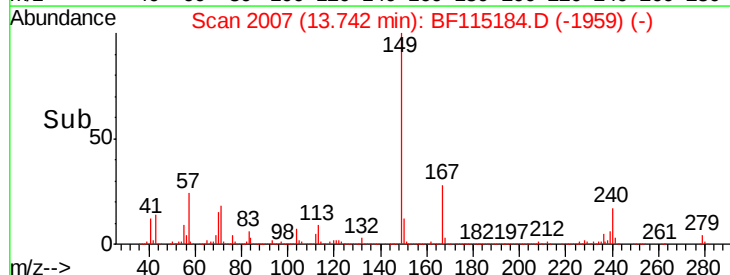
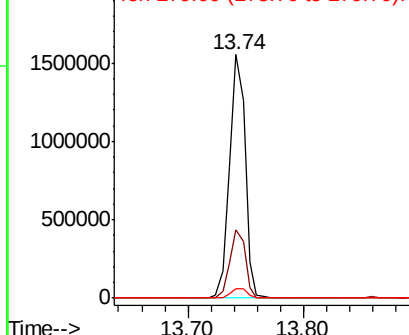


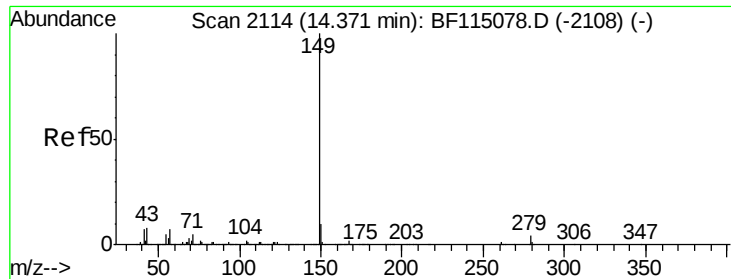
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.888 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF115184.D
 Acq: 25 Jun 2019 13:46

Tgt Ion:149 Resp: 1452642
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.2 33.4
 279 4.0 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.555 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion:149 Resp: 2476982

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

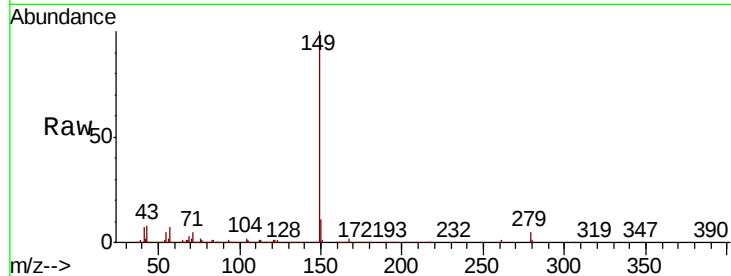
43 8.6 7.0 10.6

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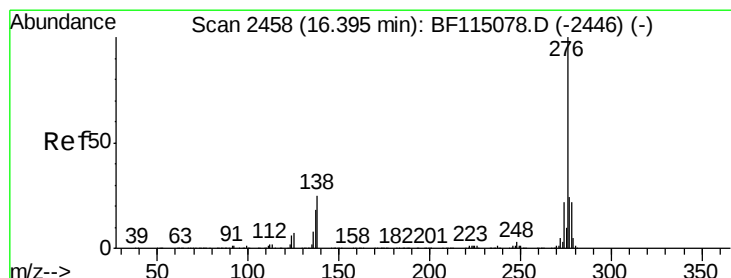
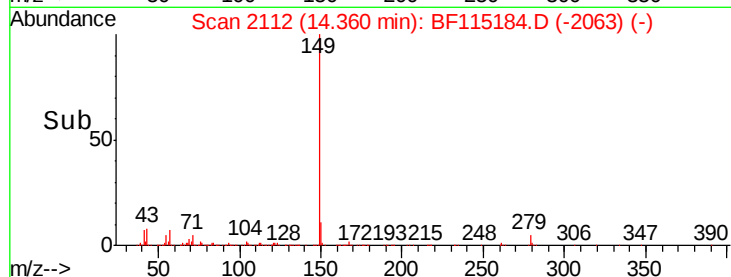
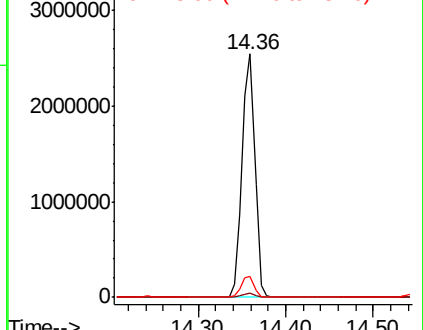
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.549 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115184.D

Acq: 25 Jun 2019 13:46

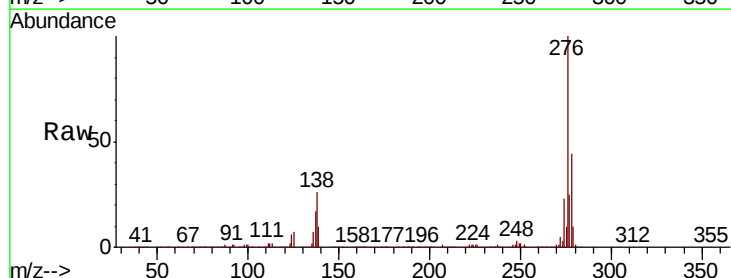
Tgt Ion:276 Resp: 2409907

Ion Ratio Lower Upper

276 100

138 28.3 23.2 34.8

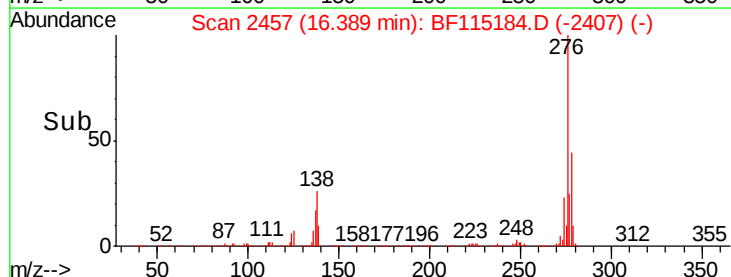
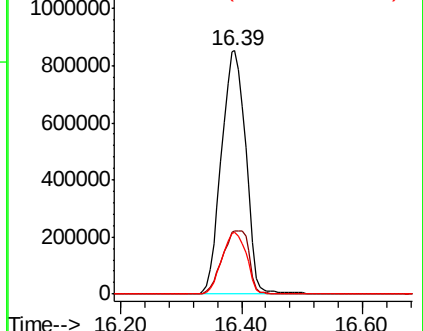
277 25.8 20.1 30.1

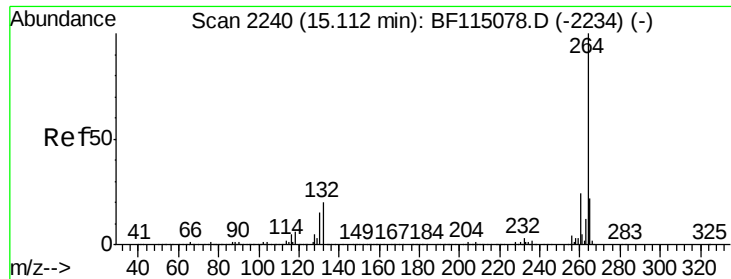


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





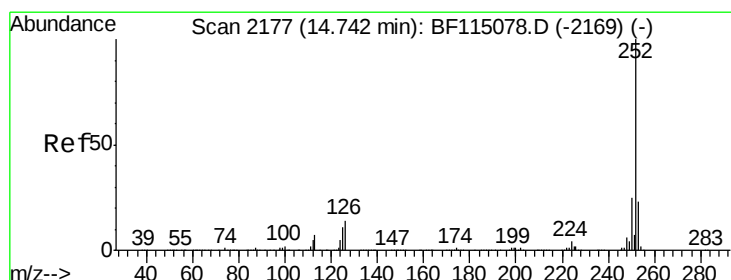
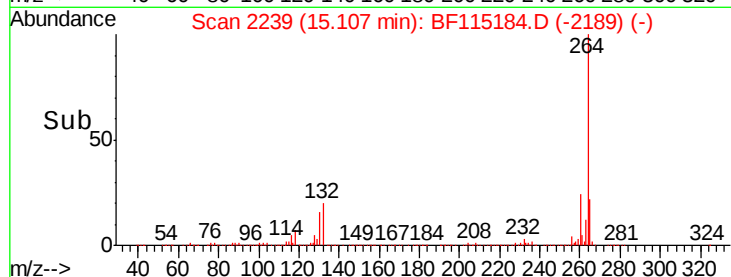
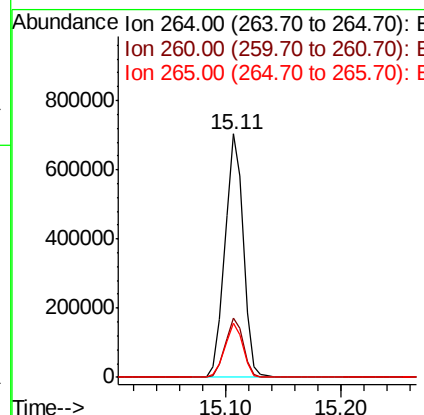
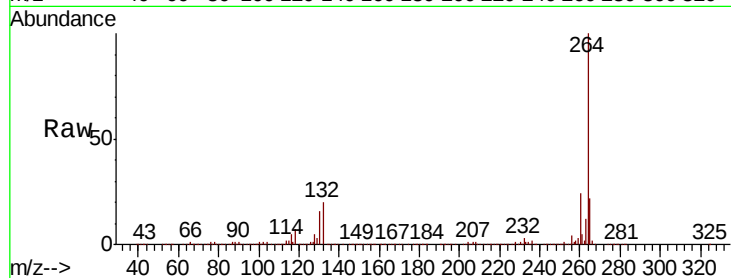
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.1	17.3	25.9

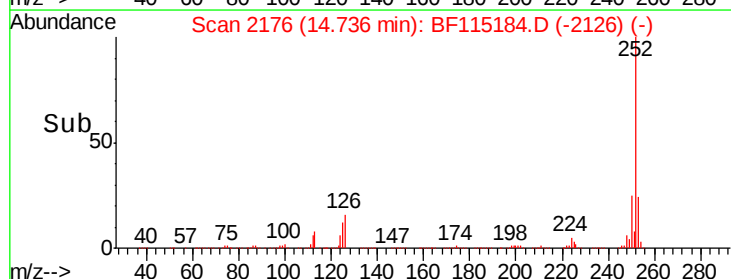
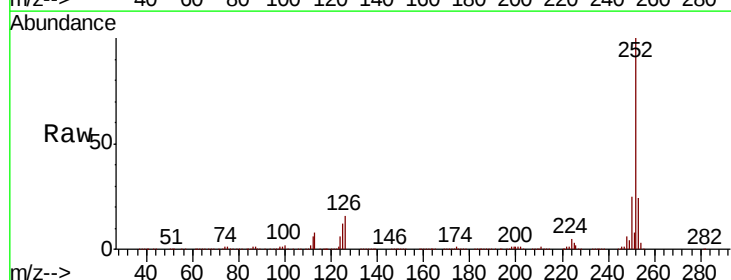
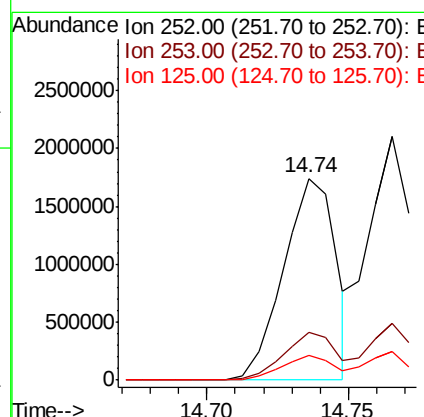
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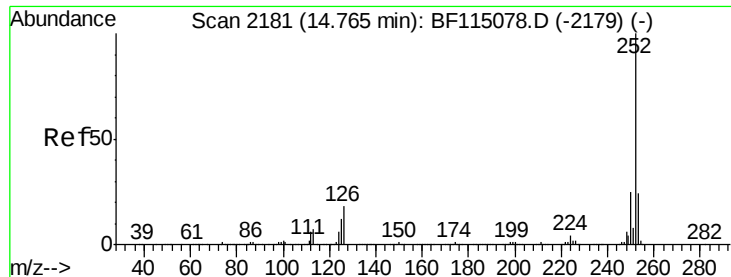
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#88
Benzo(b)fluoranthene
Concen: 46.590 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.0	8.7	13.1





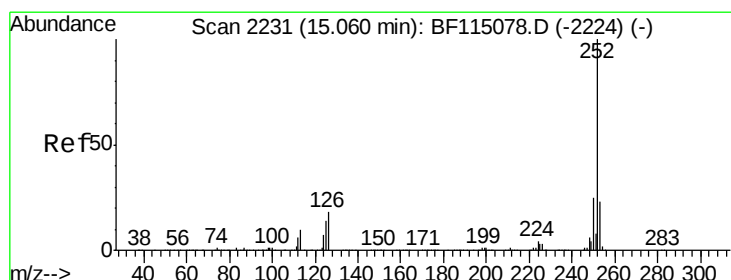
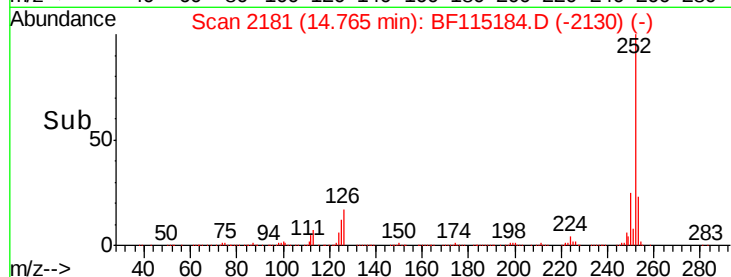
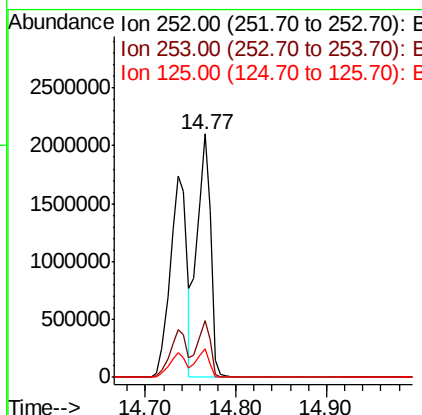
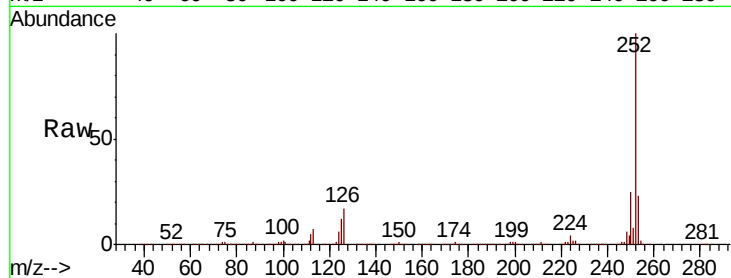
#89
Benzo(k)fluoranthene
Concen: 50.046 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleID :
PB120809BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	11.9	10.2	15.2

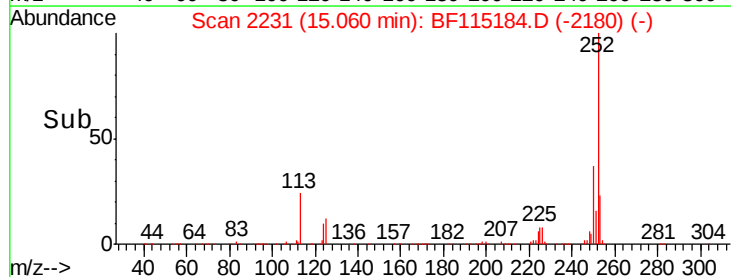
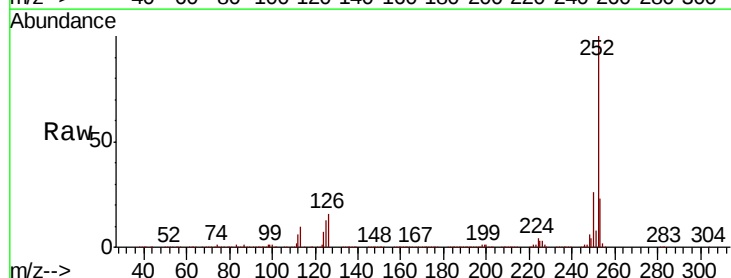
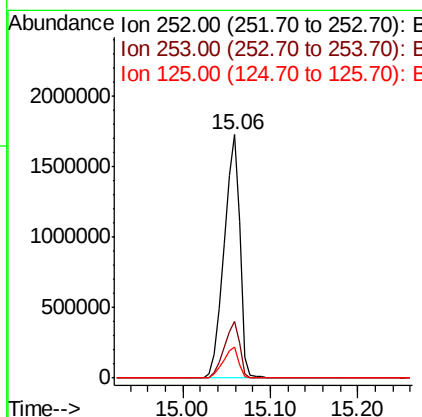
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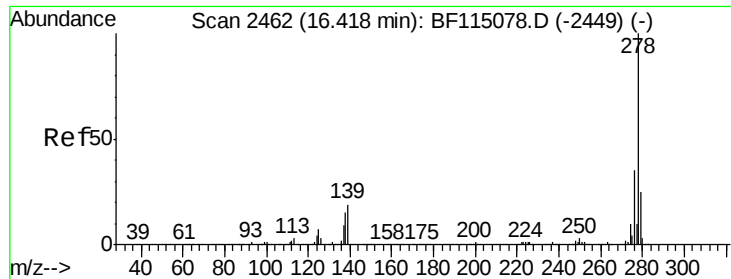
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#90
Benzo(a)pyrene
Concen: 49.918 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	12.8	10.9	16.3





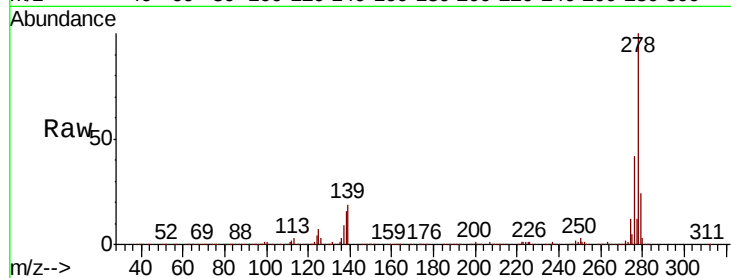
#91
Dibenzo(a,h)anthracene
Concen: 48.742 ng
RT: 16.41 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Instrument :
BNA_F
ClientSampleId :
PB120809BS

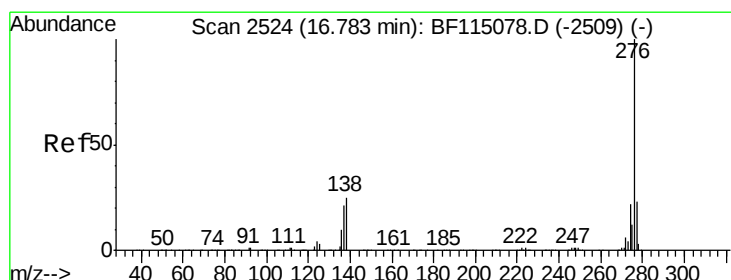
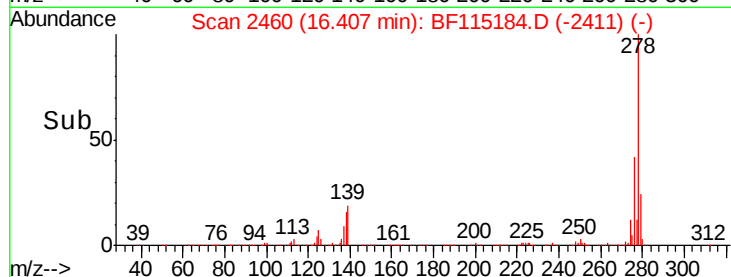
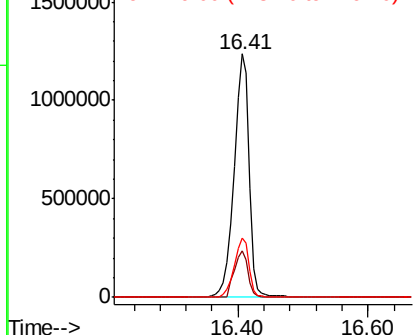
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.4	23.2
279	24.4	19.9	29.9

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



#92
Benzo(g,h,i)perylene
Concen: 48.650 ng
RT: 16.77 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF115184.D
Acq: 25 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	23.6	19.8	29.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

