

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115312.D
 Acq On : 29 Jun 2019 10:07
 Operator : HP/JU
 Sample : PB120999BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Manual Integrations
 APPROVED

mohammad
 7/1/2019 5:58:52 PM

Quant Time: Jun 30 02:00:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	247239	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	950136	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	455989	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	890708	20.00	ng	0.00
76) Chrysene-d12	13.72	240	609176	20.00	ng	0.00
87) Perylene-d12	15.08	264	751441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1860442	116.12	ng	0.02
7) Phenol-d6	6.25	99	2272504	116.86	ng	0.01
23) Nitrobenzene-d5	7.17	82	1423492	92.16	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	658905	137.03	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	2575508	95.94	ng	0.00
79) Terphenyl-d14	12.68	244	2724668	95.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	252389	33.379	ng	99
3) Pyridine	2.88	79	731198	34.310	ng	98
4) n-Nitrosodimethylamine	2.84	42	316011	37.824	ng	97
6) Aniline	6.27	93	660158	24.701	ng	# 12
8) 2-Chlorophenol	6.39	128	762513	42.326	ng	99
9) Benzaldehyde	6.14	77	146115	11.517	ng	96
10) Phenol	6.27	94	870466	38.214	ng	96
11) bis(2-Chloroethyl)ether	6.34	93	694618	41.368	ng	99
12) 1,3-Dichlorobenzene	6.54	146	806230	40.324	ng	100
13) 1,4-Dichlorobenzene	6.62	146	827668	41.282	ng	100
14) 1,2-Dichlorobenzene	6.77	146	759941	40.930	ng	99
15) Benzyl Alcohol	6.75	79	539389	38.092	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	980383	40.256	ng	95
17) 2-Methylphenol	6.87	107	652064	43.850	ng	98
18) Hexachloroethane	7.11	117	297687	41.185	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	481907	38.708	ng	98
20) 3+4-Methylphenols	7.02	107	731296	42.590	ng	# 78
22) Acetophenone	7.01	105	1010220	46.443	ng	# 95
24) Nitrobenzene	7.18	77	769914	45.246	ng	100
25) Isophorone	7.43	82	1392131	43.998	ng	99
26) 2-Nitrophenol	7.50	139	429478	51.109	ng	100
27) 2,4-Dimethylphenol	7.55	122	705904	51.306	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	881992	44.103	ng	100
29) 2,4-Dichlorophenol	7.75	162	658895	46.405	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	717209	45.730	ng	100
31) Naphthalene	7.91	128	2101092	45.049	ng	100
32) Benzoic acid	7.70	122	499825	50.893	ng	98
33) 4-Chloroaniline	7.95	127	380485	17.850	ng	99
34) Hexachlorobutadiene	8.03	225	387559	45.093	ng	98
35) Caprolactam	8.33	113	216133m	45.276	ng	
36) 4-Chloro-3-methylphenol	8.45	107	662805	46.094	ng	97
37) 2-Methylnaphthalene	8.60	142	1441477	45.838	ng	98
38) 1-Methylnaphthalene	8.70	142	1369478	45.597	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	619926	48.110	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	697089	91.235	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	468382	47.083	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	508345	49.621	ng	97
46) 1,1'-Biphenyl	9.06	154	1680647	46.063	ng	99
47) 2-Chloronaphthalene	9.08	162	1341068	45.313	ng	97
48) 2-Nitroaniline	9.18	65	400840	46.456	ng	85
49) Acenaphthylene	9.49	152	2077812	45.061	ng	99
50) Dimethylphthalate	9.37	163	1550378	46.214	ng	100
51) 2,6-Dinitrotoluene	9.42	165	369390	47.693	ng	99
52) Acenaphthene	9.67	154	1211496	41.988	ng	99
53) 3-Nitroaniline	9.58	138	241438	25.544	ng	95
54) 2,4-Dinitrophenol	9.70	184	416233	102.195	ng	98
55) Dibenzofuran	9.84	168	1821530	43.985	ng	100
56) 4-Nitrophenol	9.76	139	670926	88.543	ng	94
57) 2,4-Dinitrotoluene	9.82	165	492160	49.213	ng	98
58) Fluorene	10.18	166	1271493	46.306	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	438556	51.053	ng	97
60) Diethylphthalate	10.07	149	1507614	44.706	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	614637	47.248	ng	97
62) 4-Nitroaniline	10.20	138	410547	43.298	ng	97
63) Azobenzene	10.33	77	1400953	44.477	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	249123	52.093	ng	98
66) n-Nitrosodiphenylamine	10.29	169	1282421	46.214	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	443675	45.943	ng	99
68) Hexachlorobenzene	10.72	284	482822	46.061	ng	97
69) Atrazine	10.82	200	424774	47.585	ng	99
70) Pentachlorophenol	10.91	266	597586	89.487	ng	97
71) Phenanthrene	11.13	178	2078232	43.335	ng	100
72) Anthracene	11.18	178	2158535	44.589	ng	99
73) Carbazole	11.33	167	1982639	45.865	ng	99
74) Di-n-butylphthalate	11.68	149	2267293	45.389	ng	98
75) Fluoranthene	12.31	202	2159991	45.142	ng	98
77) Benzidine	12.42	184	710516	26.267	ng	99
78) Pyrene	12.53	202	2221032	47.442	ng	98
80) Butylbenzylphthalate	13.17	149	1011488	48.958	ng	93
81) Benzo(a)anthracene	13.71	228	2050699	46.916	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	536108	33.964	ng	97
83) Chrysene	13.75	228	1975031	49.327	ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1315565	48.596	ng	98
85) Di-n-octyl phthalate	14.34	149	2258953	49.664	ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	2487764	52.508	ng	99
88) Benzo(b)fluoranthene	14.72	252	2282278	48.675	ng	99
89) Benzo(k)fluoranthene	14.74	252	1865895	44.375	ng	99
90) Benzo(a)pyrene	15.04	252	2085148	49.340	ng	99
91) Dibenzo(a,h)anthracene	16.38	278	2010135	50.950	ng	98
92) Benzo(g,h,i)perylene	16.75	276	2143981	53.692	ng	98

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

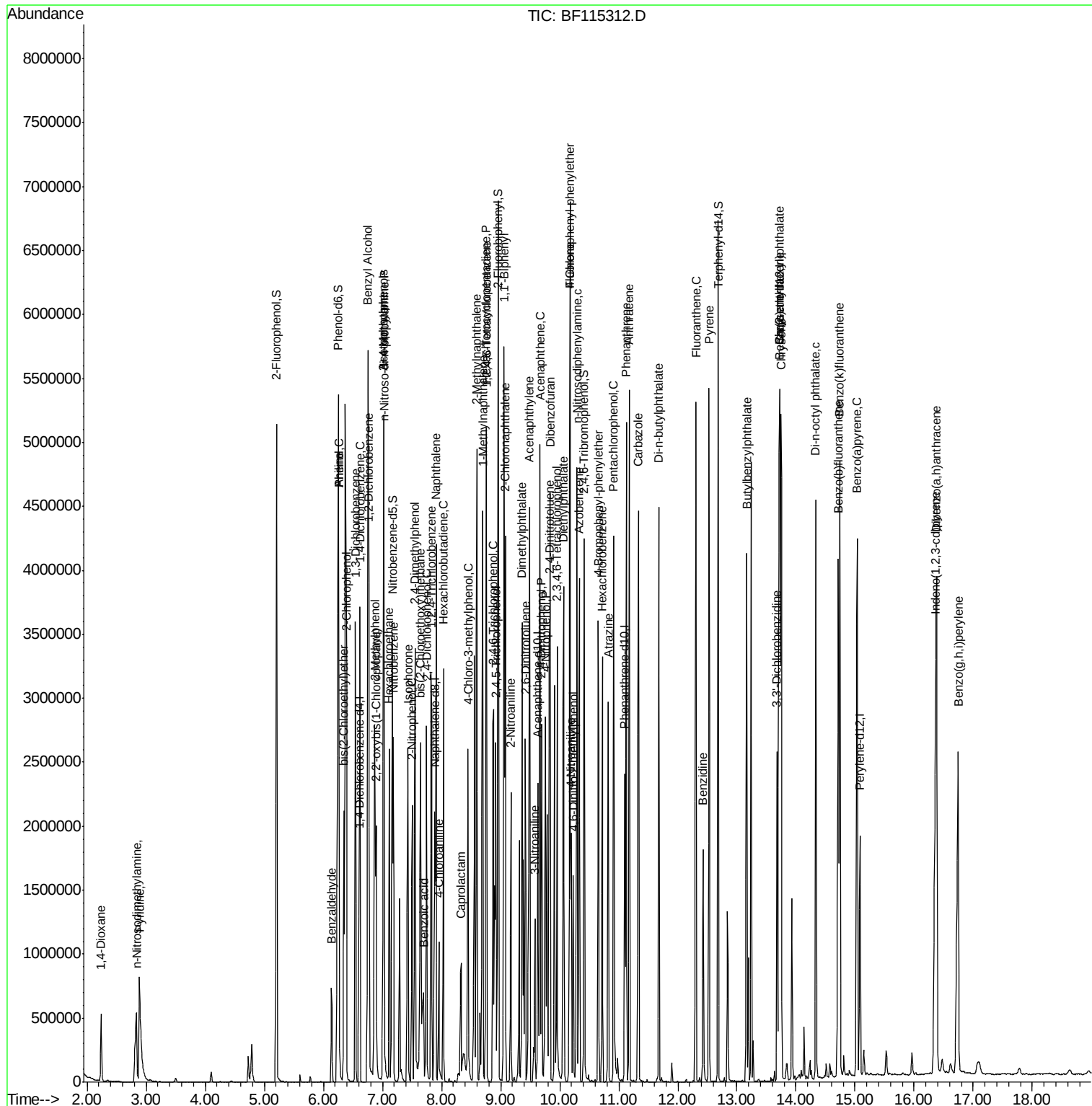
Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
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#1

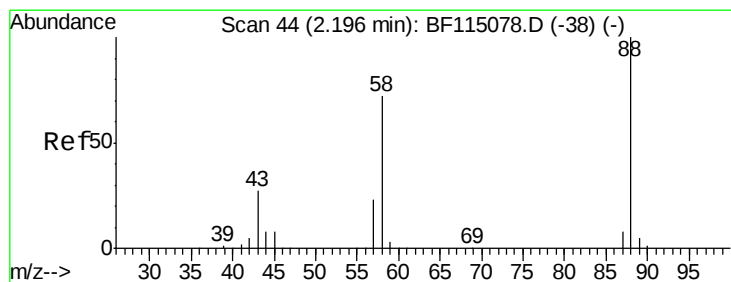
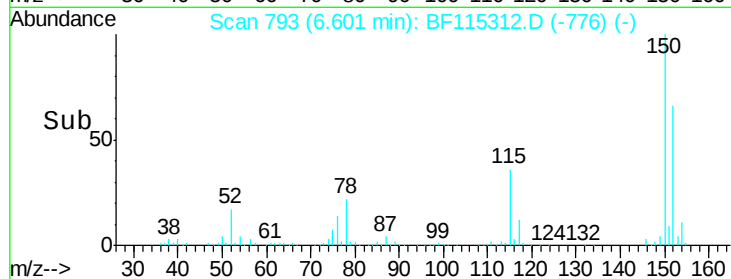
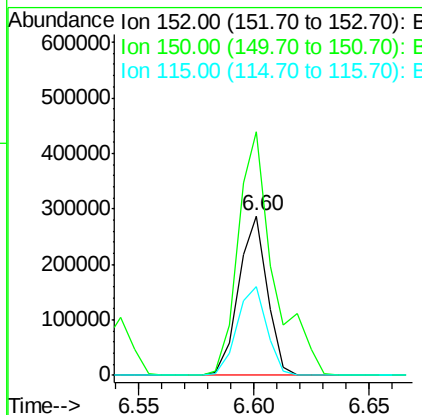
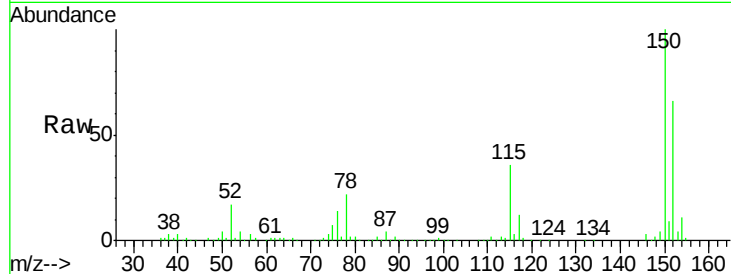
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.2	186.2
115	55.5	46.1	69.1

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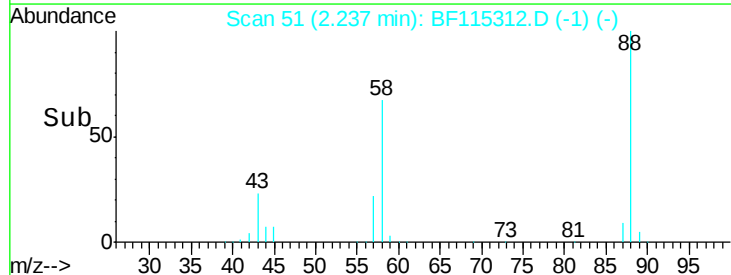
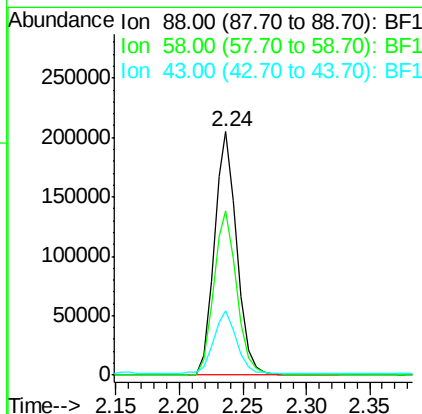
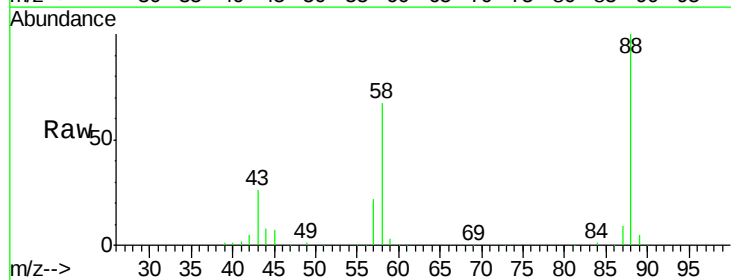
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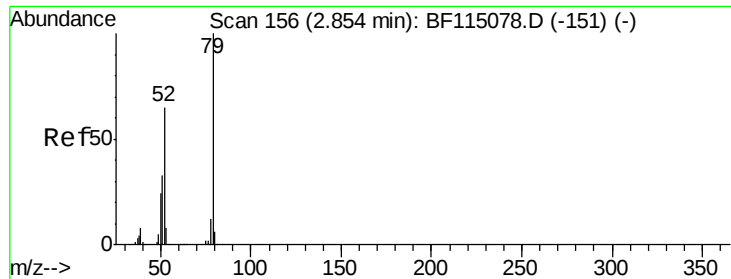


#2

1,4-Dioxane
Concen: 33.379 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	56.1	84.1
43	26.9	21.3	31.9





#3

Pyridine

Concen: 34.310 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.08 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

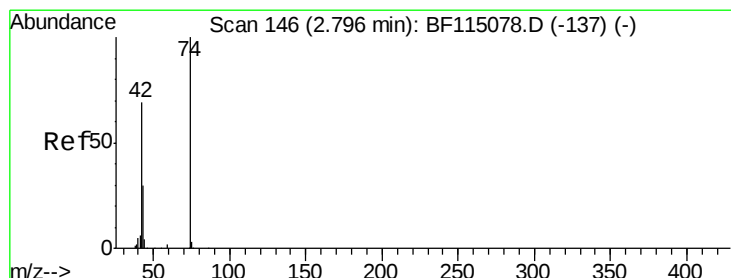
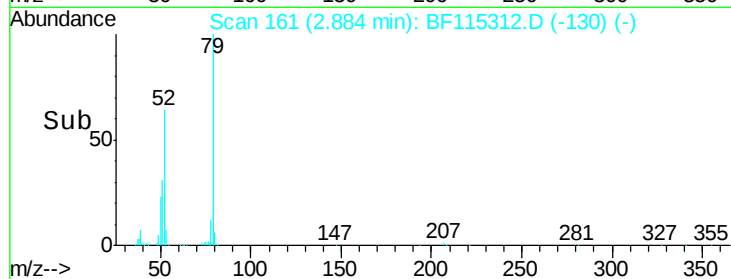
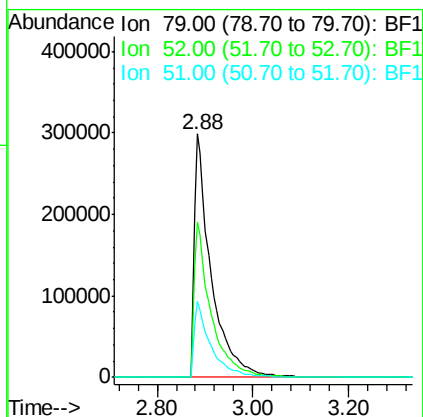
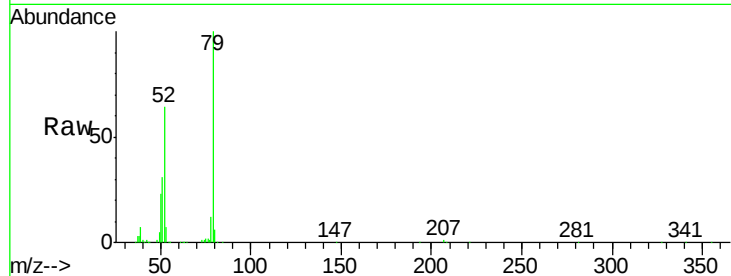
ClientSampleId :

PB120999BS

Tgt Ion:	79	Resp:	731198
Ion Ratio	Lower	Upper	
79	100		
52	63.9	52.3	78.5
51	31.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 37.824 ng

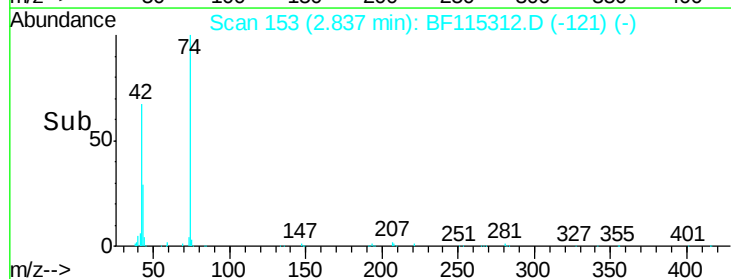
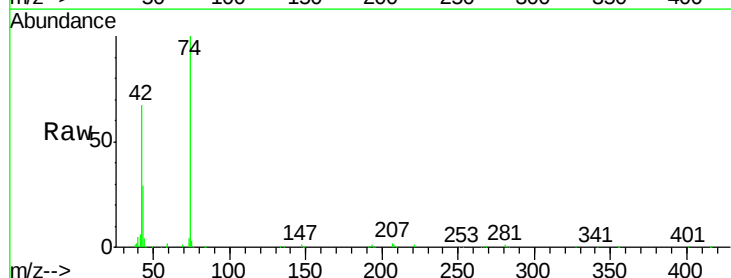
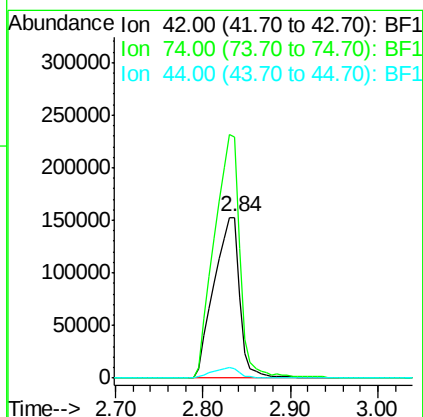
RT: 2.84 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Tgt Ion:	42	Resp:	316011
Ion Ratio	Lower	Upper	
42	100		
74	149.3	116.6	175.0
44	6.1	5.3	7.9





#5

2-Fluorophenol

Concen: 116.122 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion: 112 Resp: 1860442

Ion Ratio Lower Upper

112 100

64 55.1 43.8 65.6

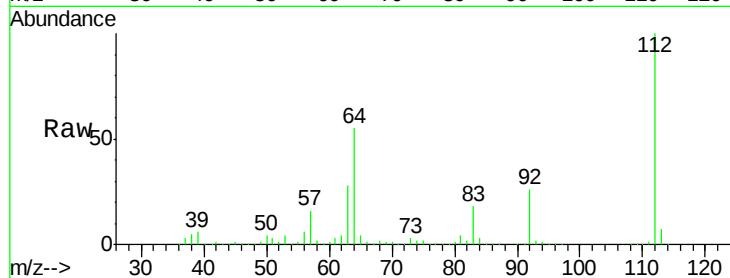
63 28.2 22.2 33.4

Manual Integrations

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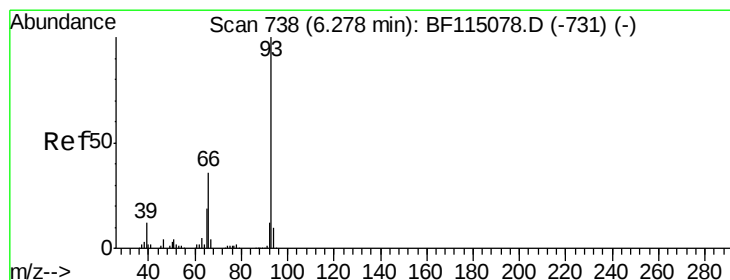
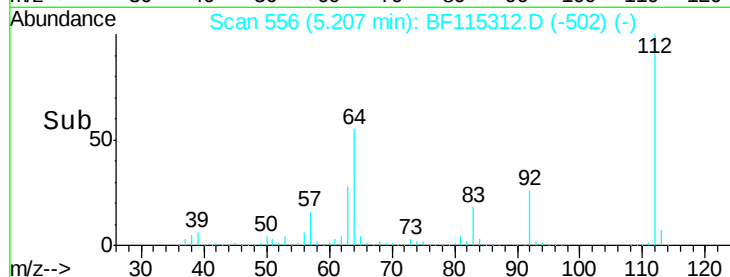
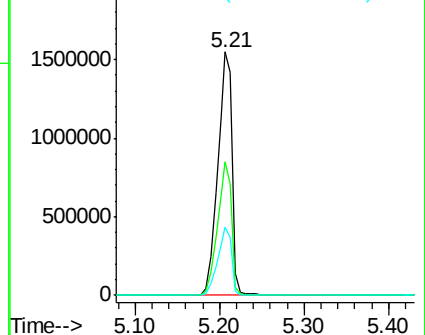
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Abundance Ion 112.00 (111.70 to 112.70): BF115078.D (-549) (-)

Ion 64.00 (63.70 to 64.70): BF115078.D (-549) (-)

Ion 63.00 (62.70 to 63.70): BF115078.D (-549) (-)



#6

Aniline

Concen: 24.701 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

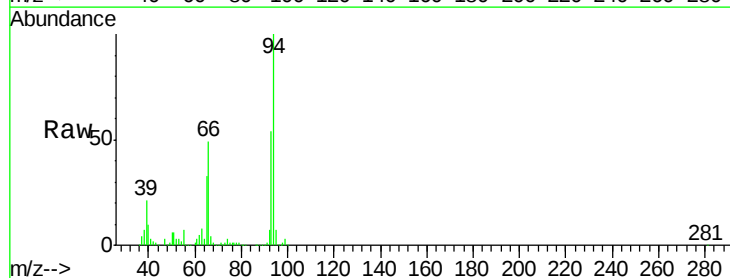
Tgt Ion: 93 Resp: 660158

Ion Ratio Lower Upper

93 100

66 89.7 30.0 45.0#

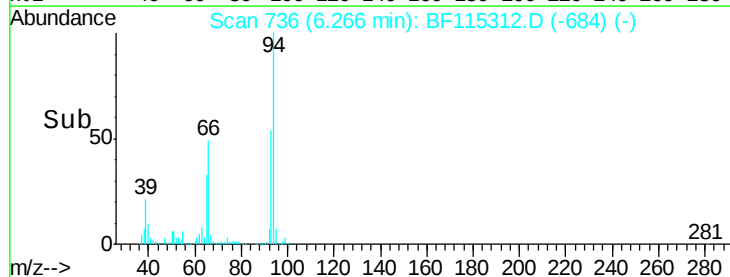
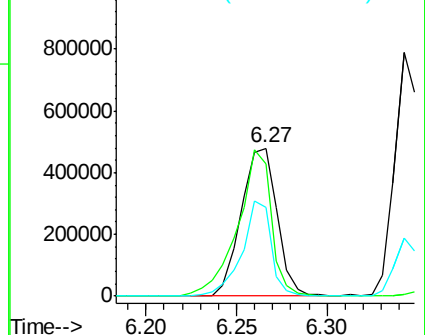
65 59.8 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF115078.D (-731) (-)

Ion 66.00 (65.70 to 66.70): BF115078.D (-731) (-)

Ion 65.00 (64.70 to 65.70): BF115078.D (-731) (-)





#7

Phenol-d6

Concen: 116.861 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion: 99 Resp: 2272504

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

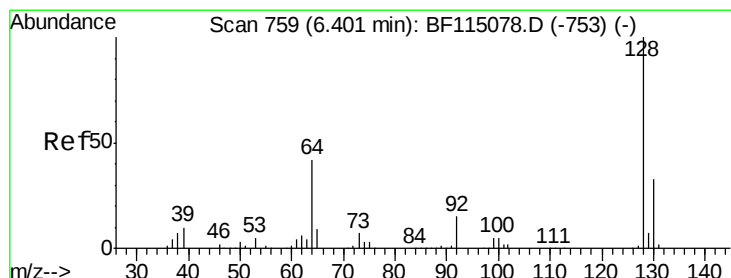
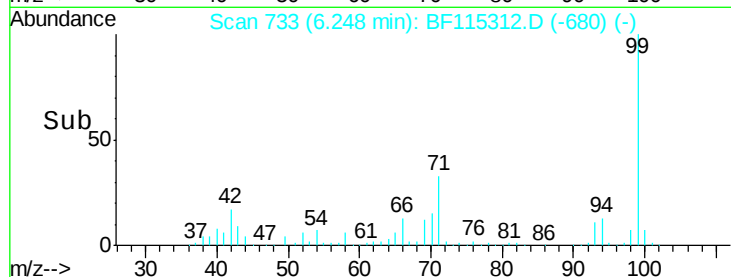
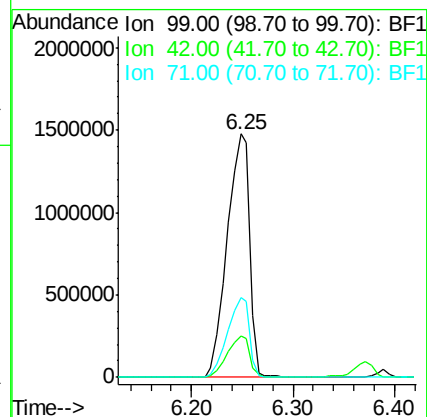
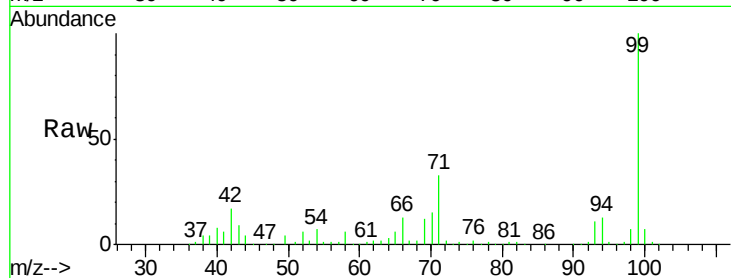
71 32.9 25.5 38.3

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#8

2-Chlorophenol

Concen: 42.326 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

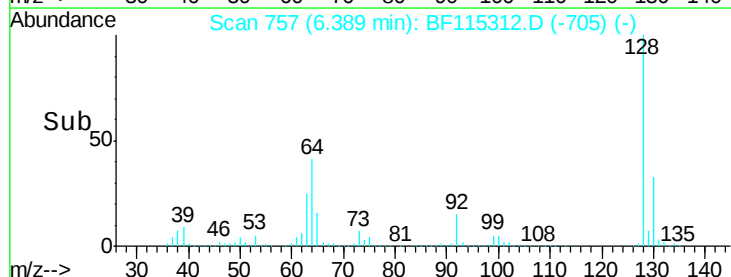
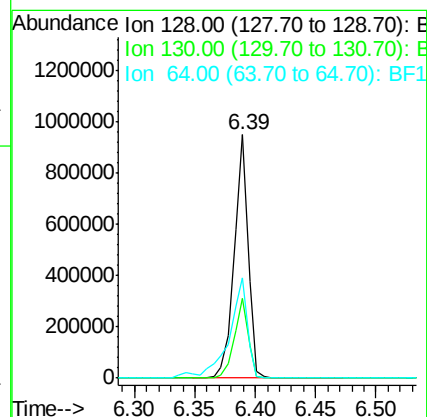
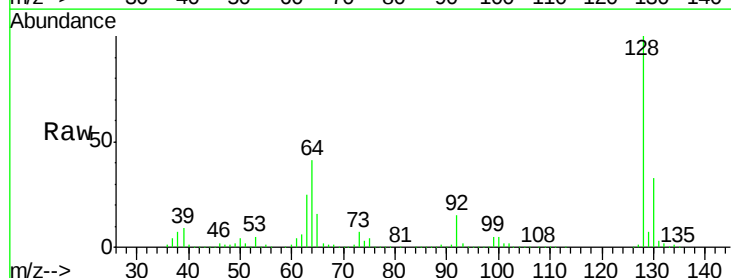
Tgt Ion: 128 Resp: 762513

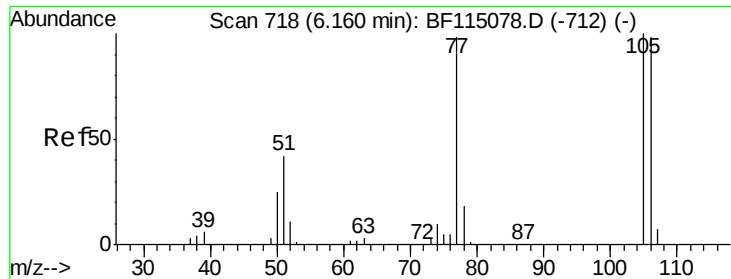
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 41.2 22.9 62.9





#9

Benzaldehyde

Concen: 11.517 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

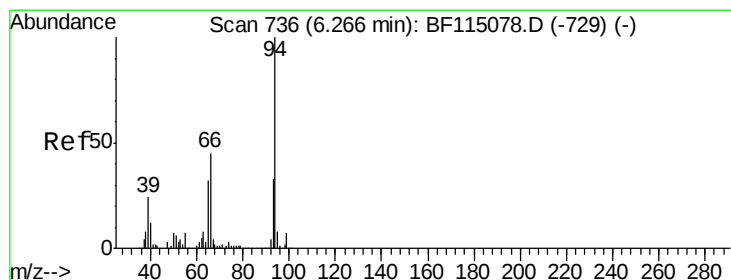
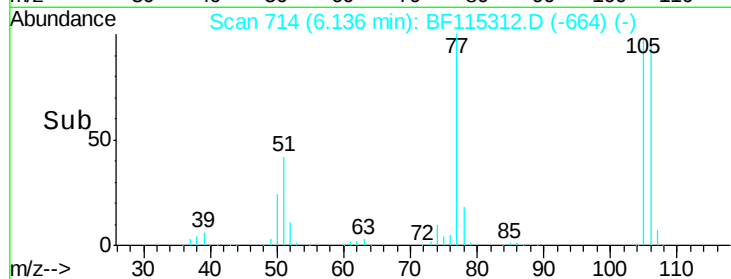
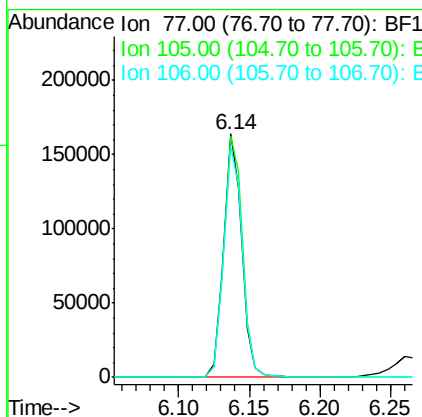
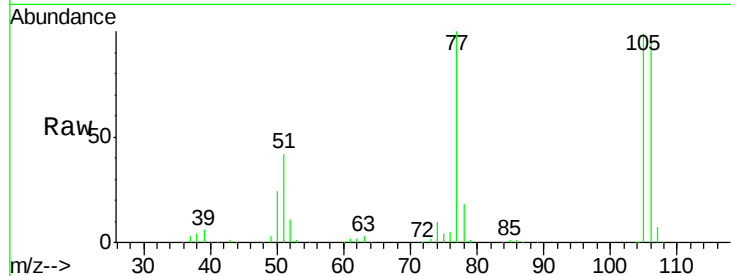
ClientSampleId :

PB120999BS

Tgt Ion:	77	Resp:	146115
Ion Ratio	Lower	Upper	
77	100		
105	98.8	81.5	121.5
106	94.6	79.7	119.7

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#10

Phenol

Concen: 38.214 ng

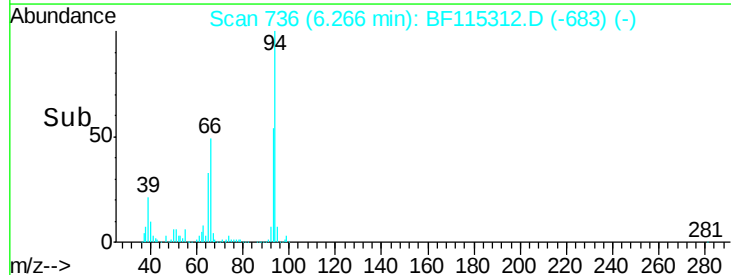
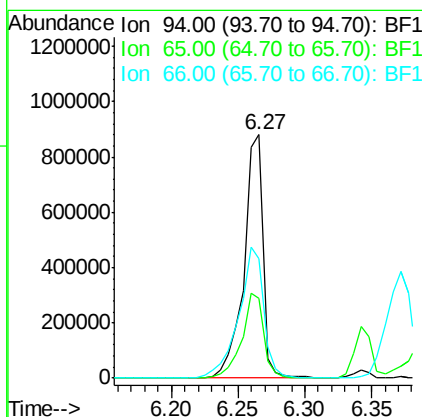
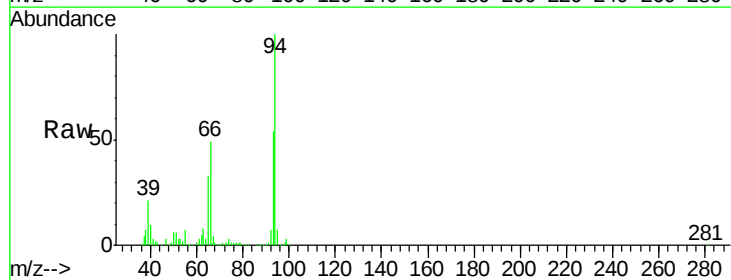
RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Tgt Ion:	94	Resp:	870466
Ion Ratio	Lower	Upper	
94	100		
65	32.6	11.9	51.9
66	48.8	25.2	65.2





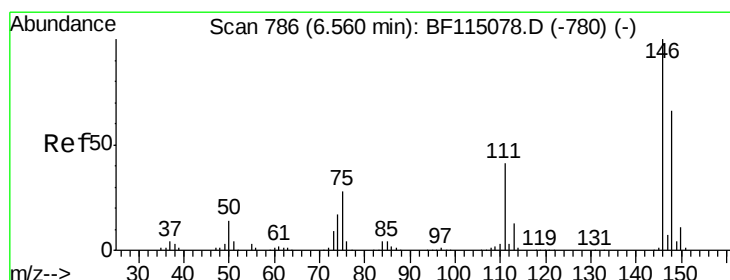
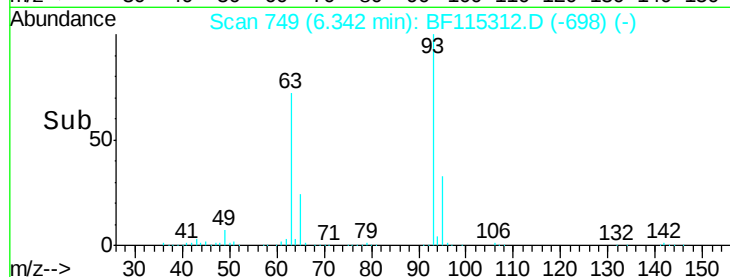
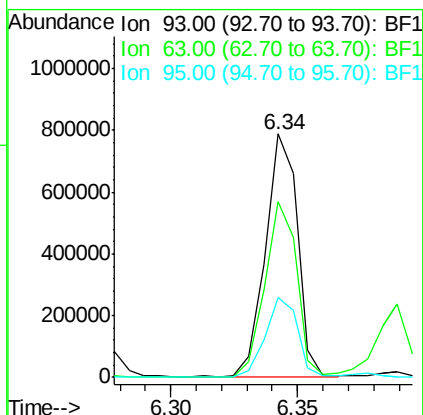
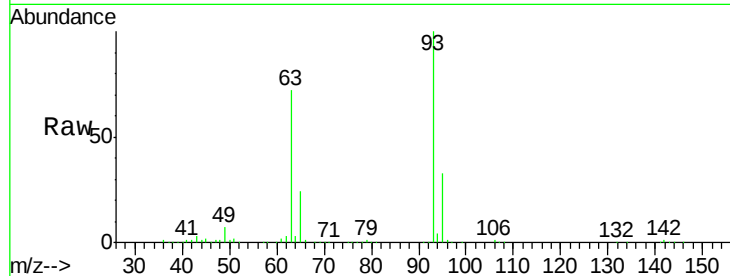
#11
bis(2-Chloroethyl)ether
Concen: 41.368 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	72.0	51.5	91.5
95	32.9	13.4	53.4

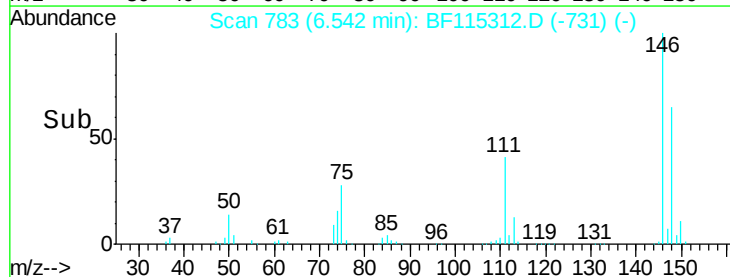
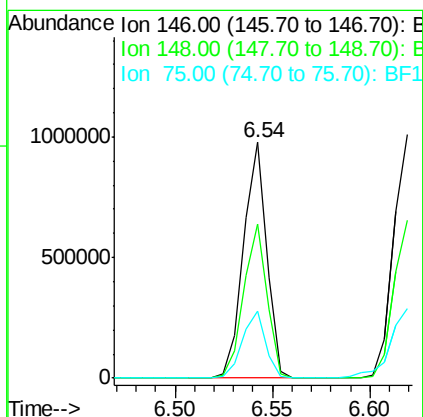
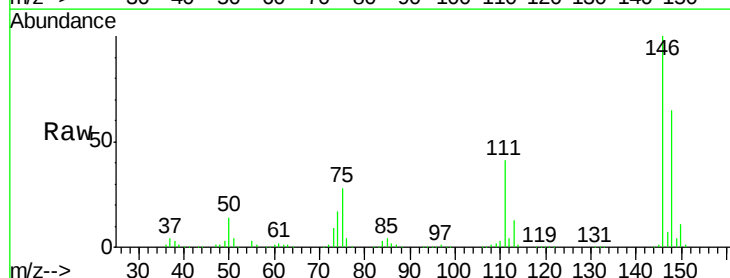
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#12
1,3-Dichlorobenzene
Concen: 40.324 ng
RT: 6.54 min Scan# 783
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.3	52.6	78.8
75	28.2	22.6	34.0





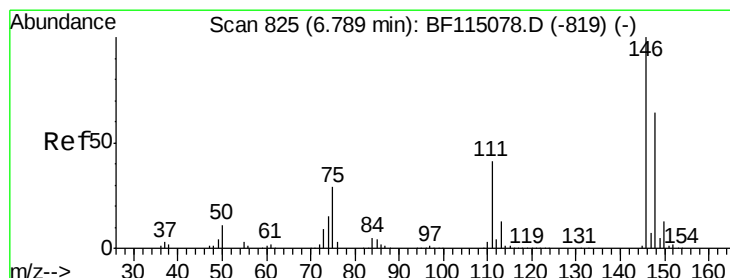
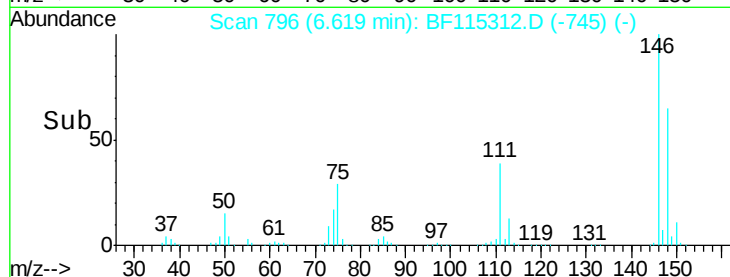
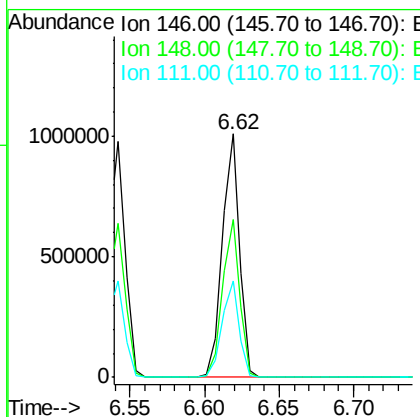
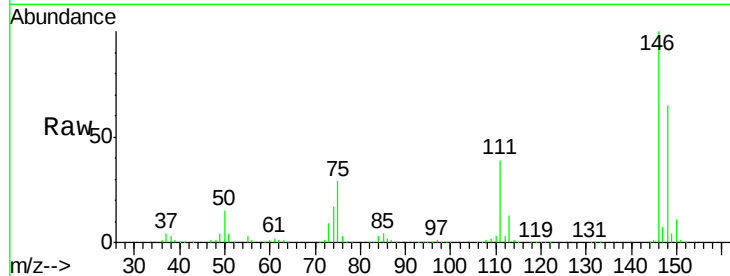
#13
 1,4-Dichlorobenzene
 Concen: 41.282 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	827668		
148	64.7	51.9	77.9	
111	39.4	31.4	47.0	

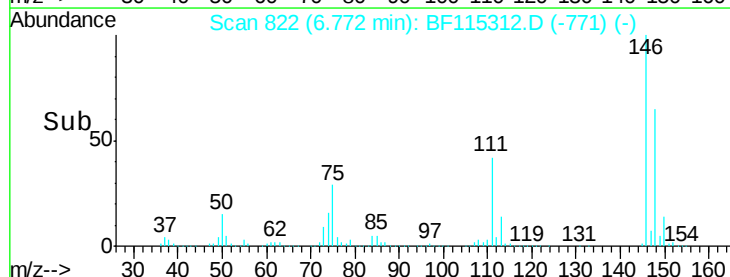
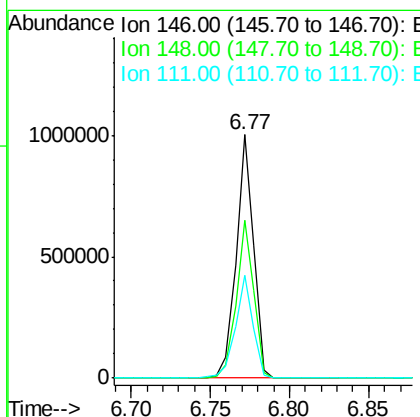
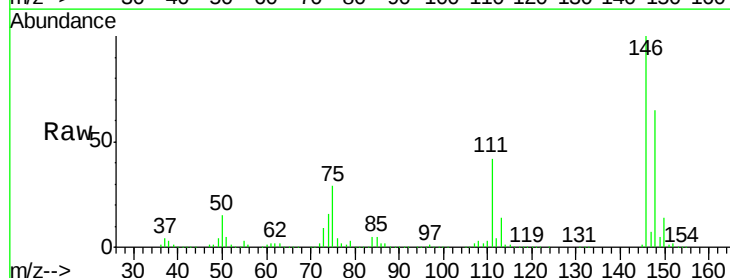
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#14
 1,2-Dichlorobenzene
 Concen: 40.930 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	759941		
148	65.1	51.1	76.7	
111	42.2	33.2	49.8	





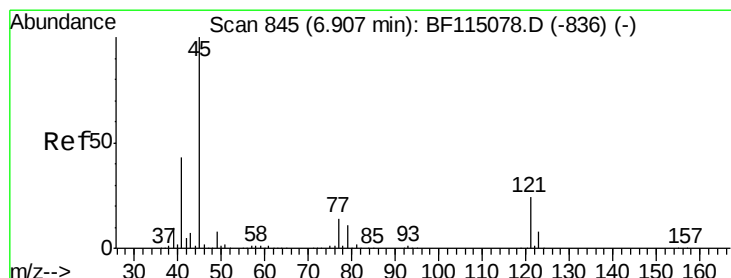
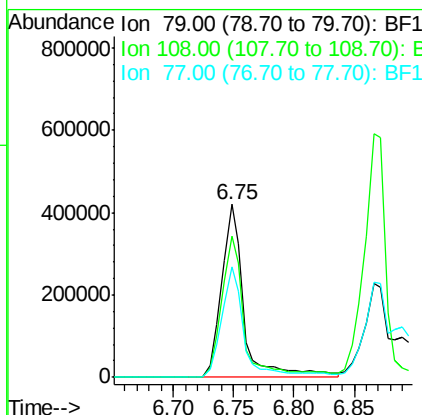
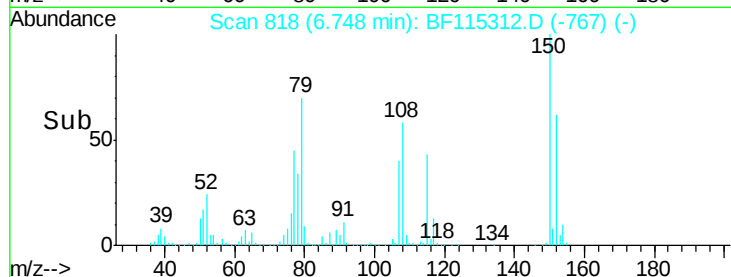
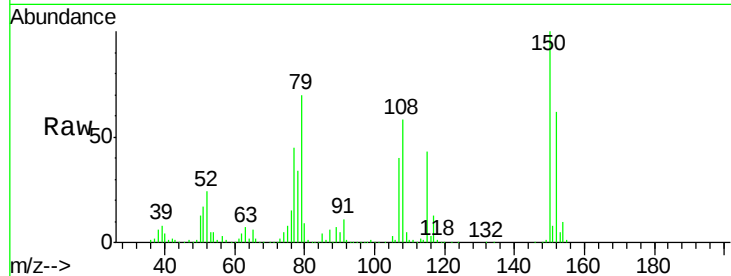
#15
Benzyl Alcohol
Concen: 38.092 ng
RT: 6.75 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion: 79 Resp: 539389
Ion Ratio Lower Upper
79 100
108 81.9 68.7 103.1
77 64.0 51.7 77.5

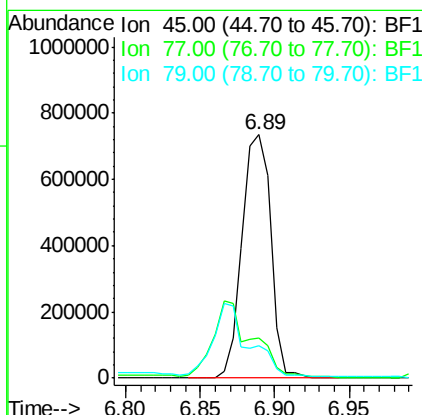
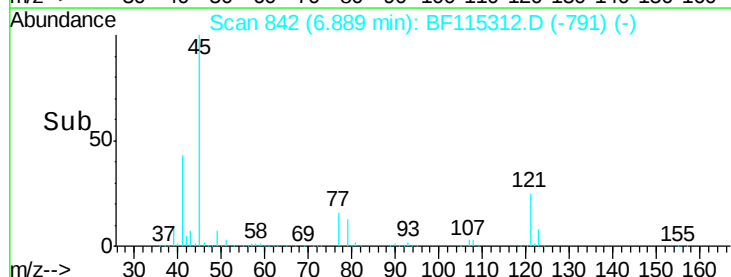
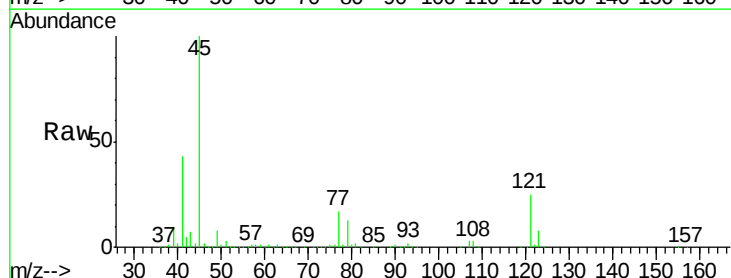
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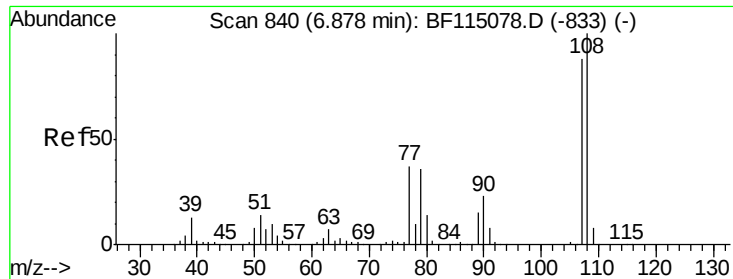
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.256 ng
RT: 6.89 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion: 45 Resp: 980383
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.6
79 13.2 0.0 31.2





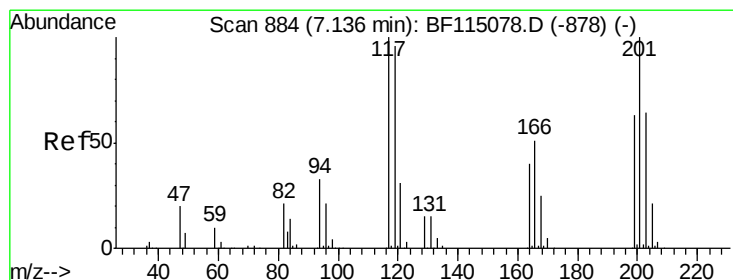
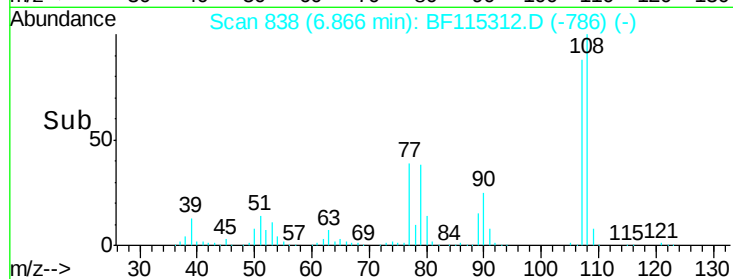
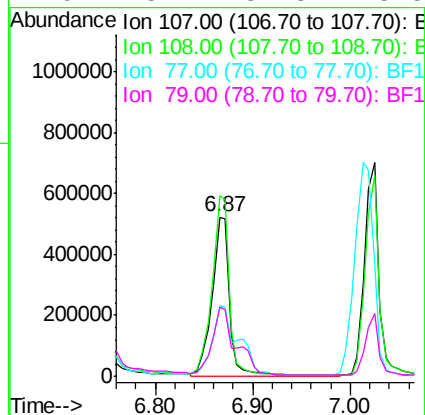
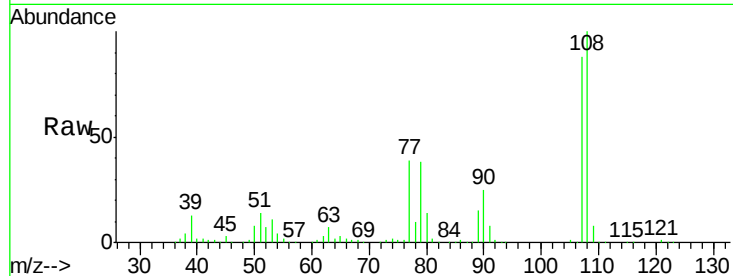
#17
2-Methylphenol
Concen: 43.850 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:	107	Resp:	652064
Ion Ratio	Lower	Upper	
107	100		
108	113.0	90.9	136.3
77	44.4	33.4	50.2
79	43.4	32.3	48.5

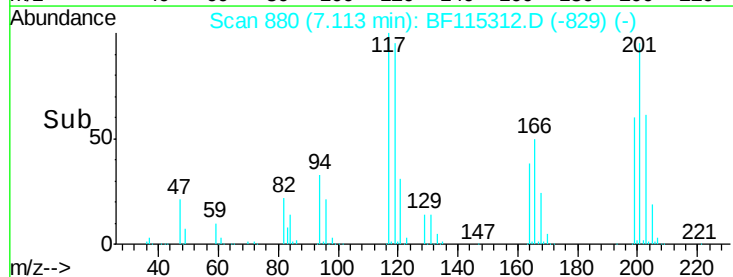
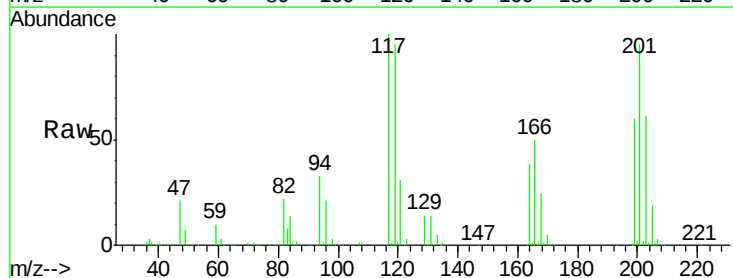
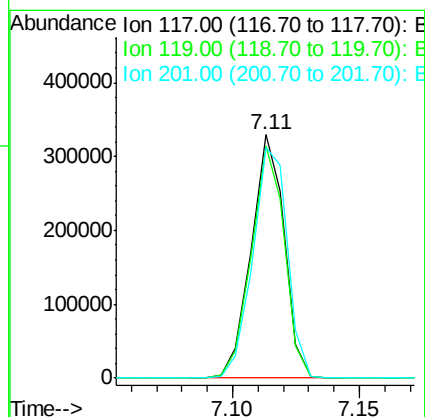
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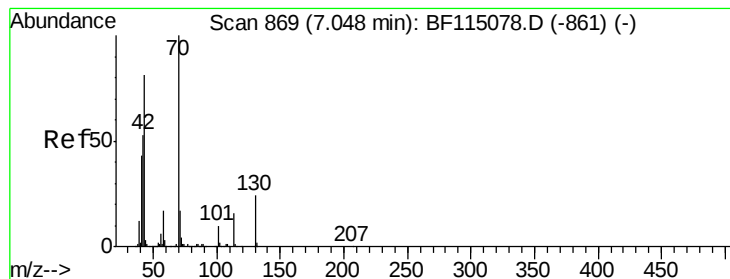
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#18
Hexachloroethane
Concen: 41.185 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:	117	Resp:	297687
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.6	114.8
201	94.6	80.2	120.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.708 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

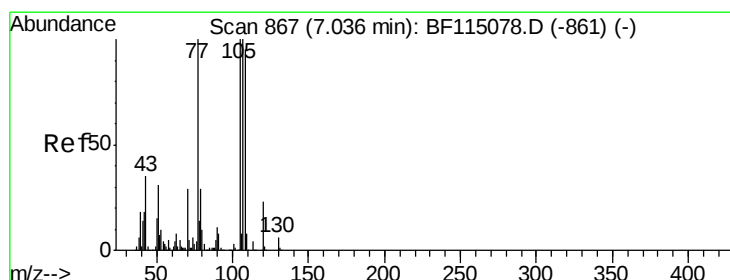
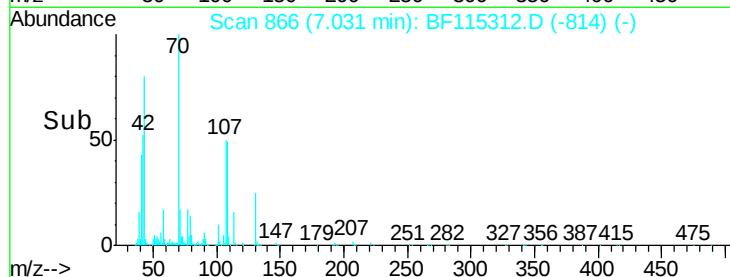
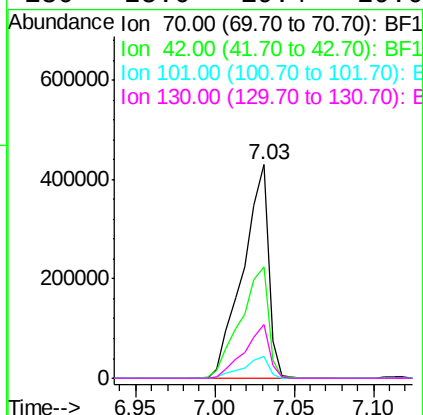
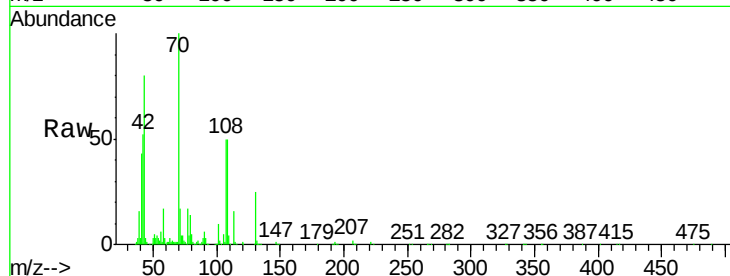
ClientSampleId :

PB120999BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.9	42.6	63.8	
101	10.1	8.0	12.0	
130	25.0	19.4	29.0	

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#20

3+4-Methylphenols

Concen: 42.590 ng

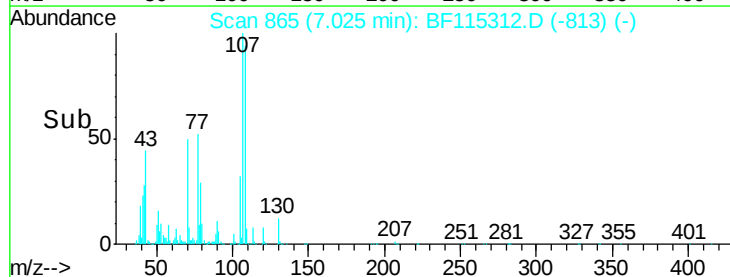
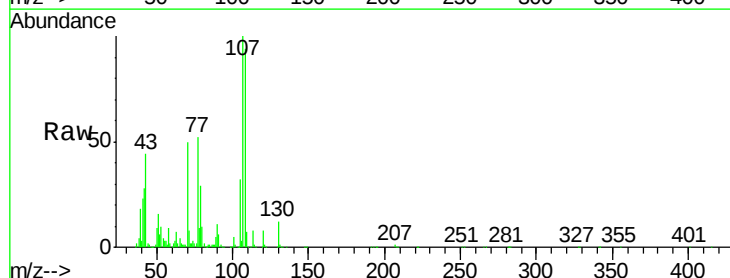
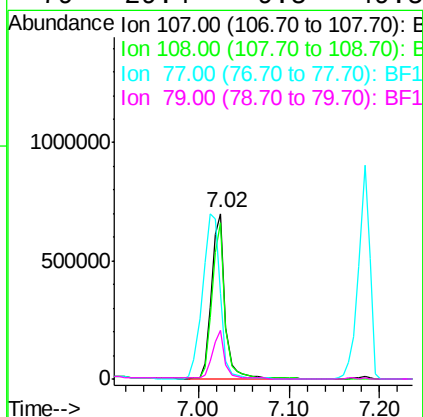
RT: 7.02 min Scan# 865

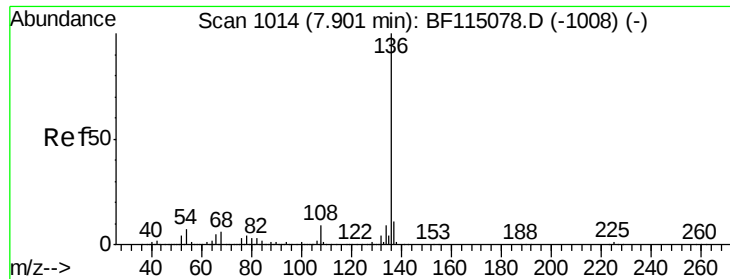
Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.1	75.5	115.5	
77	52.0	80.2	120.2#	
79	29.4	9.5	49.5	





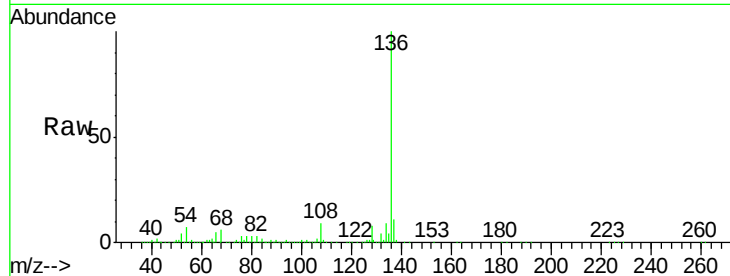
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	950136		
137	11.0	8.9	13.3	
54	6.6	5.6	8.4	
68	5.8	4.8	7.2	

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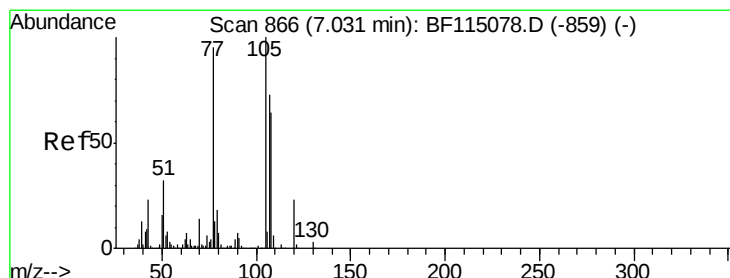
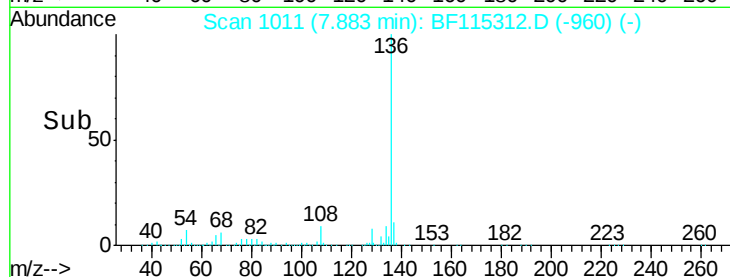
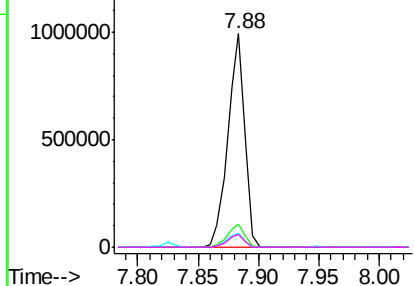
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.443 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1010220		
71	3.3	1.9	2.9#	
51	27.5	25.8	38.8	
120	23.2	18.5	27.7	

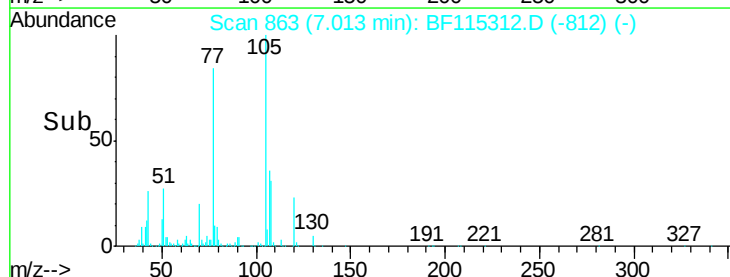
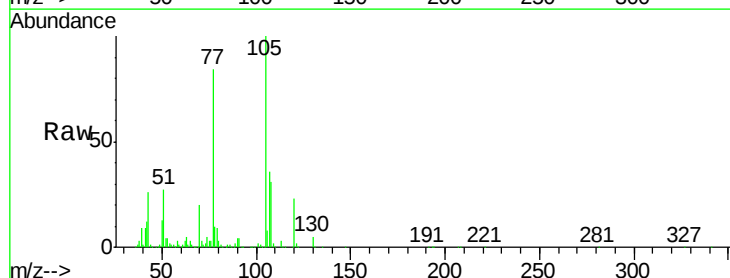
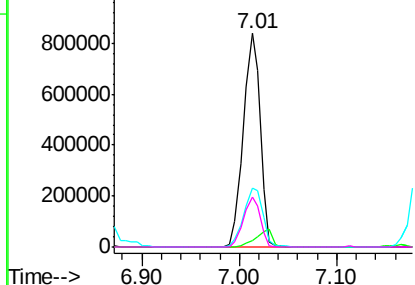
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





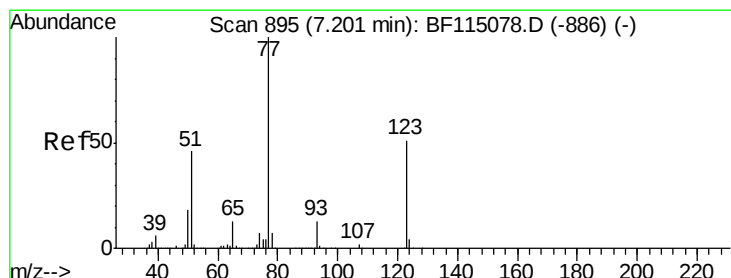
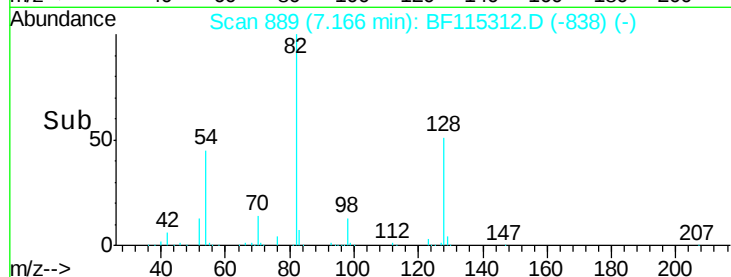
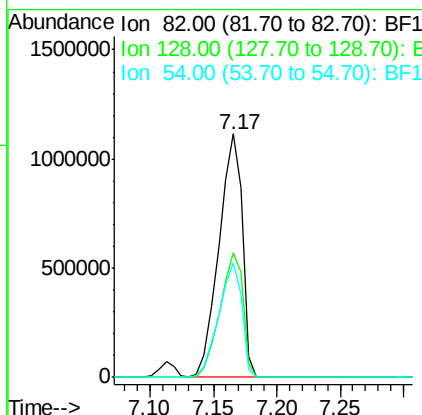
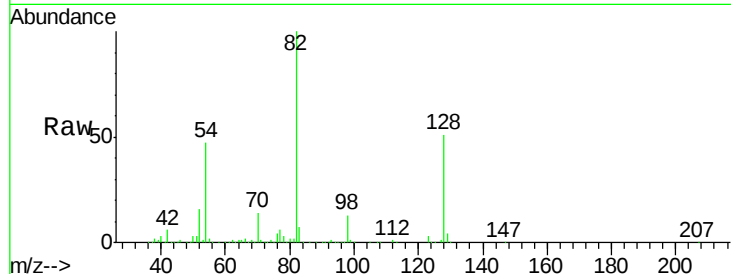
#23
 Nitrobenzene-d5
 Concen: 92.162 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.4	60.6
54	47.1	37.5	56.3

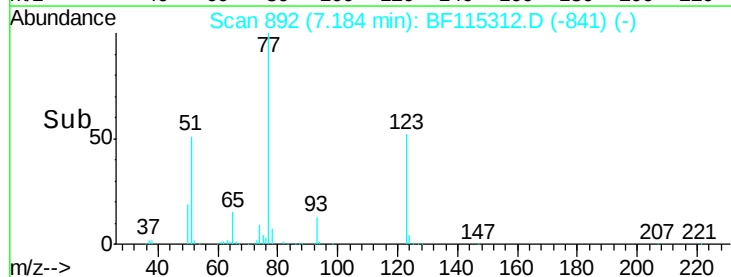
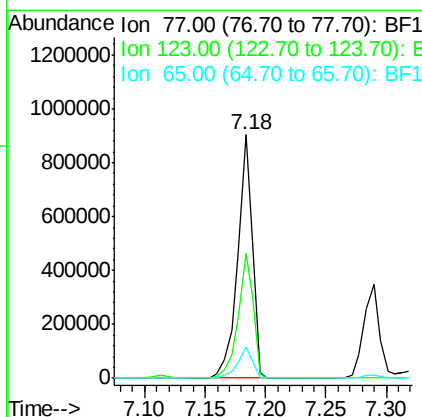
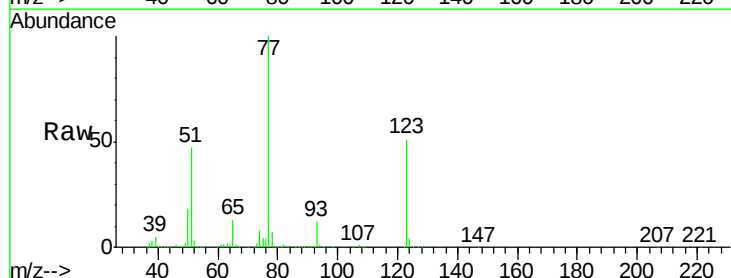
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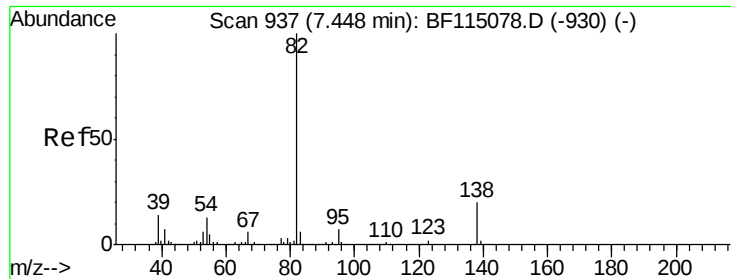
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#24
 Nitrobenzene
 Concen: 45.246 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	41.0	61.6
65	13.0	10.5	15.7





#25

Isophorone

Concen: 43.998 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

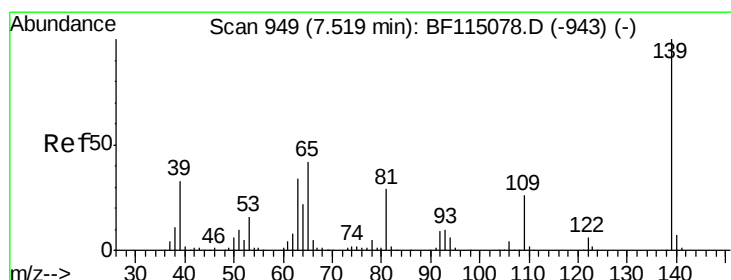
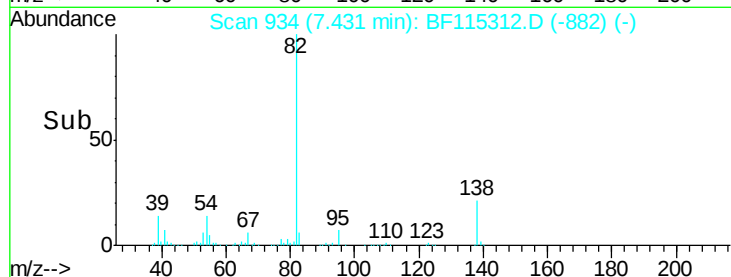
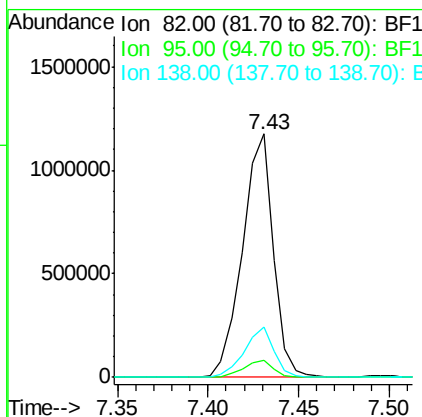
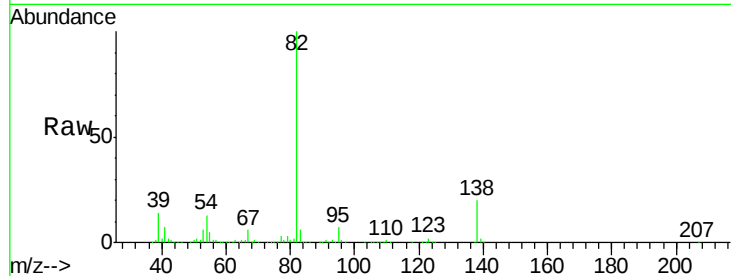
ClientSampleId :

PB120999BS

Tgt Ion:	82	Resp:	1392131
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	20.5	15.9	23.9

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#26

2-Nitrophenol

Concen: 51.109 ng

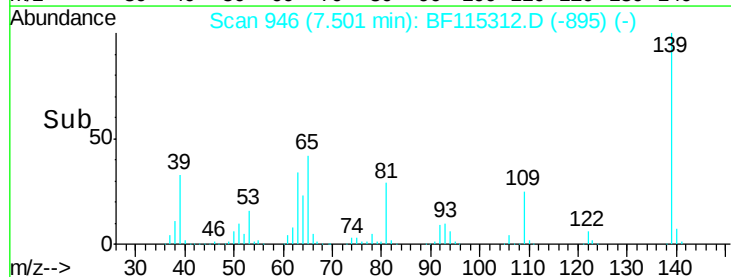
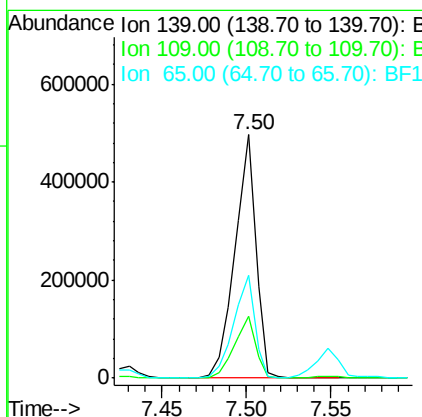
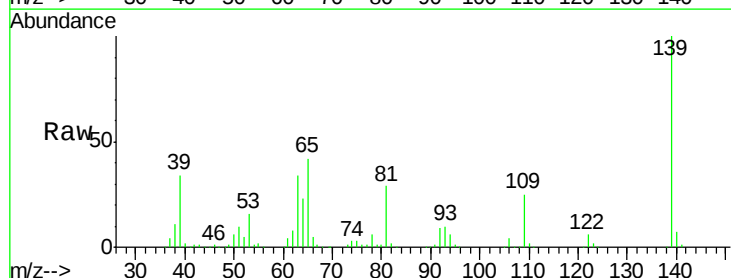
RT: 7.50 min Scan# 946

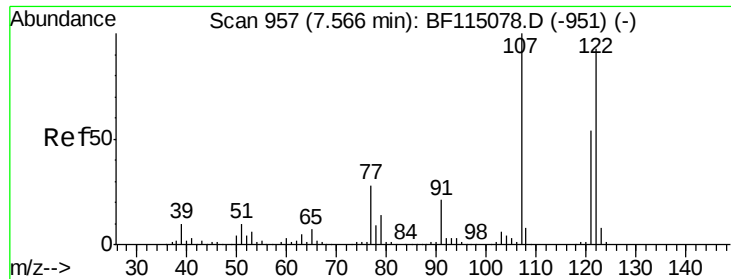
Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Tgt Ion:	139	Resp:	429478
Ion	Ratio	Lower	Upper
139	100		
109	25.2	20.4	30.6
65	42.1	33.6	50.4





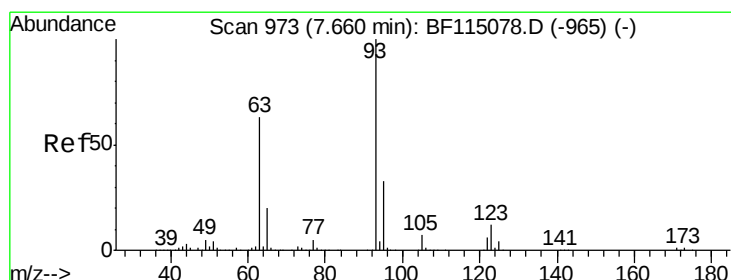
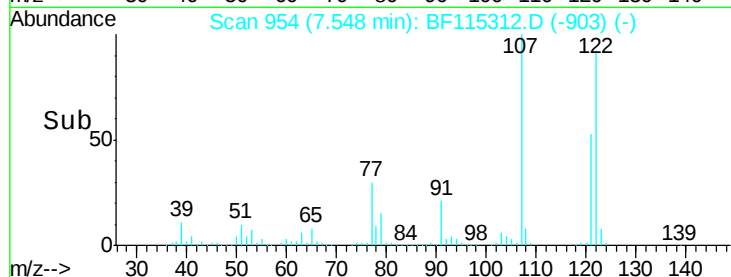
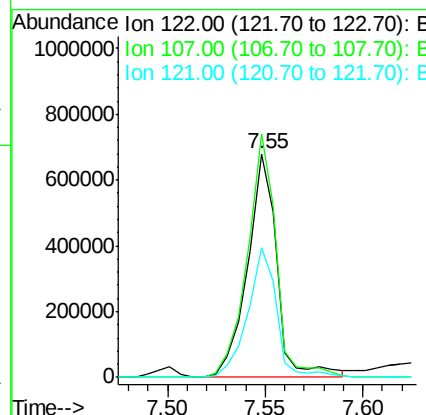
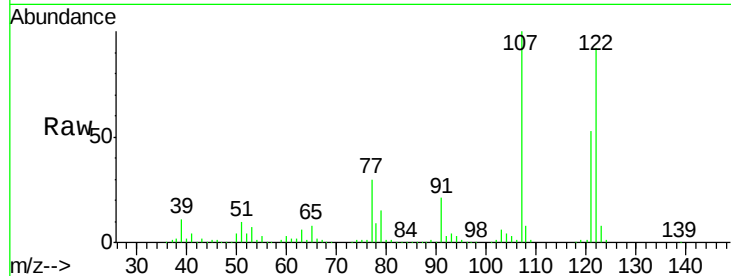
#27
2,4-Dimethylphenol
Concen: 51.306 ng
RT: 7.55 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	705904		
107	109.1	85.8	128.6	
121	58.0	46.3	69.5	

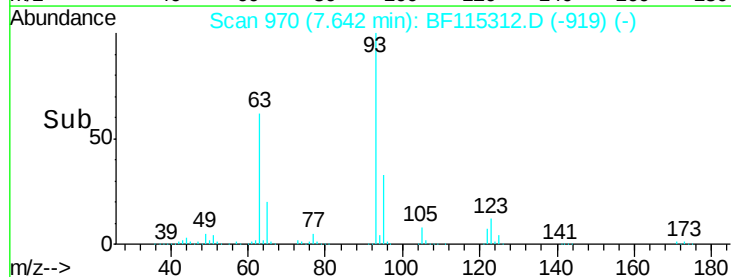
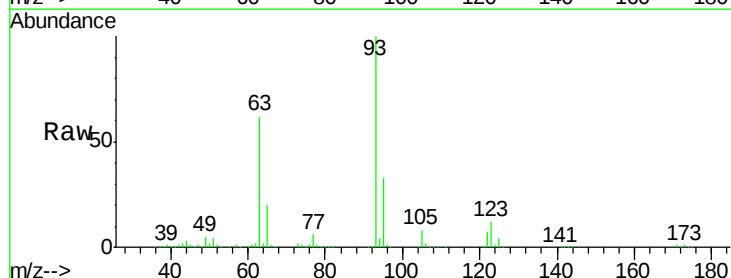
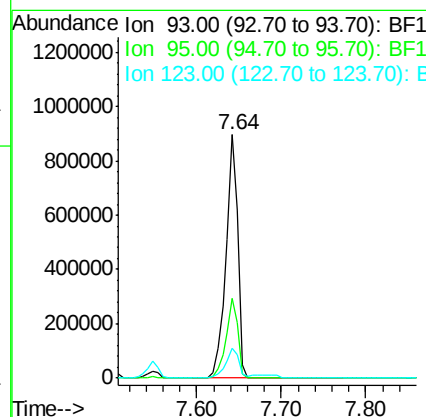
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#28
bis(2-Chloroethoxy)methane
Concen: 44.103 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	881992		
95	32.6	26.2	39.4	
123	12.5	9.7	14.5	





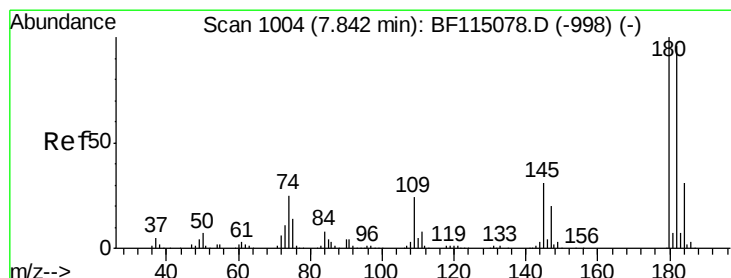
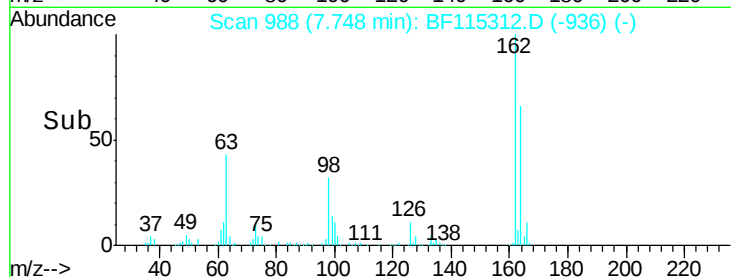
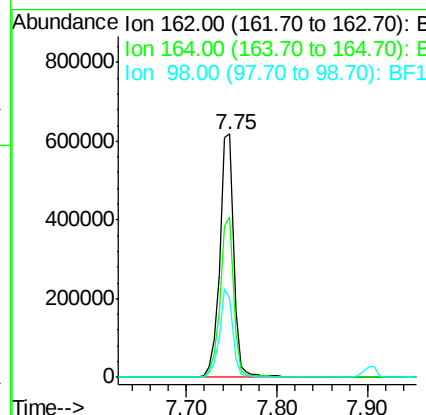
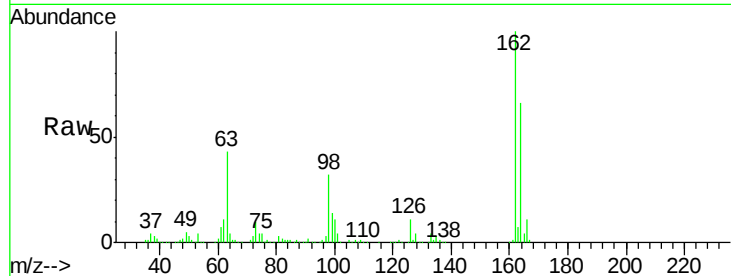
#29
2,4-Dichlorophenol
Concen: 46.405 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	658895		
164	65.9	45.3	85.3	
98	32.0	12.5	52.5	

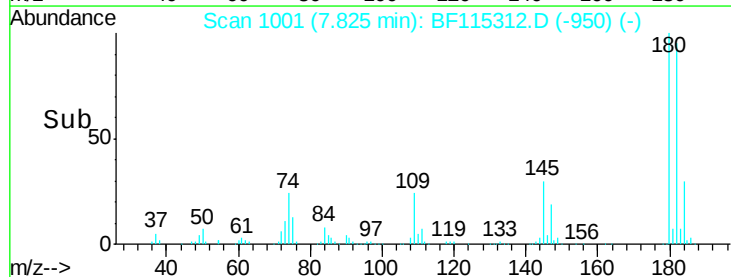
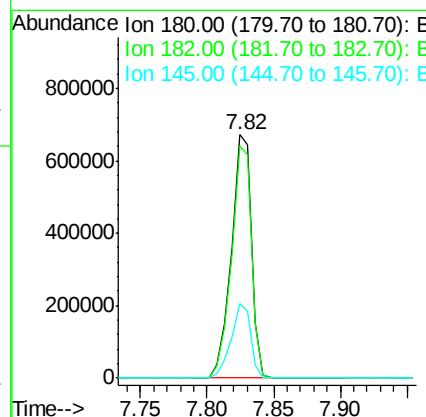
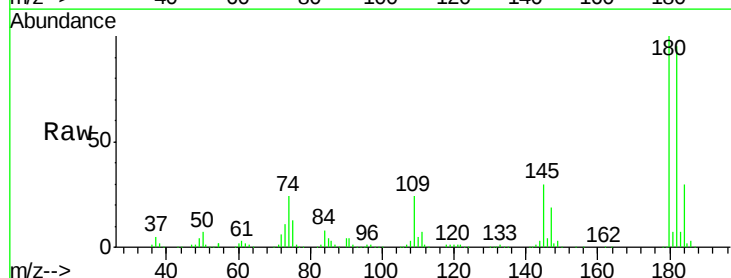
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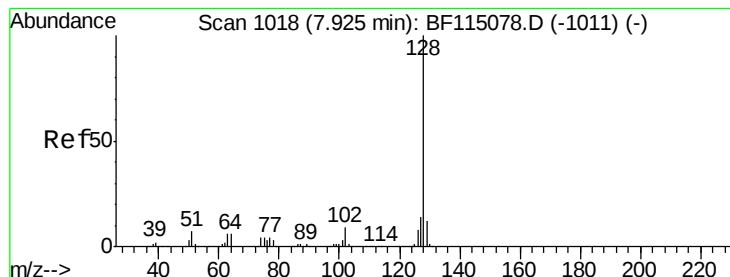
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.730 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	717209		
182	95.3	76.4	114.6	
145	30.4	24.8	37.2	





#31

Naphthalene

Concen: 45.049 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion:128 Resp: 2101092

Ion Ratio Lower Upper

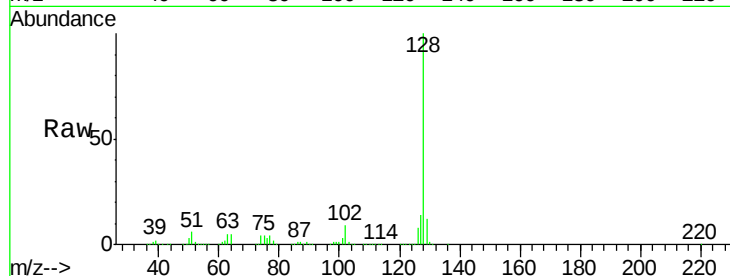
128 100

129 11.8 9.6 14.4

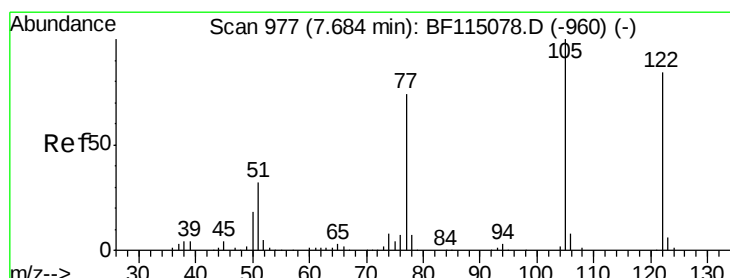
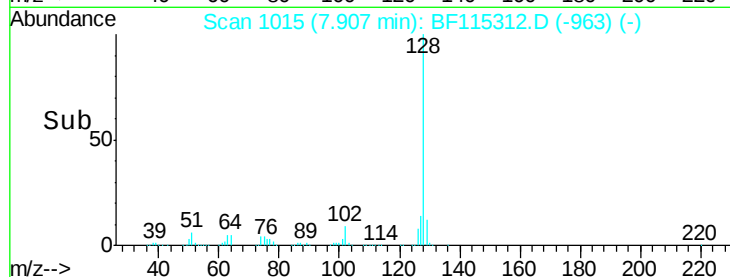
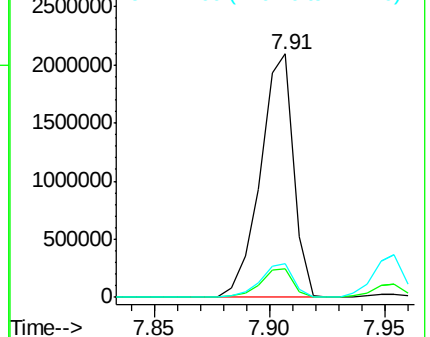
127 14.1 11.4 17.0

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



#32

Benzoic acid

Concen: 50.893 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.03 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

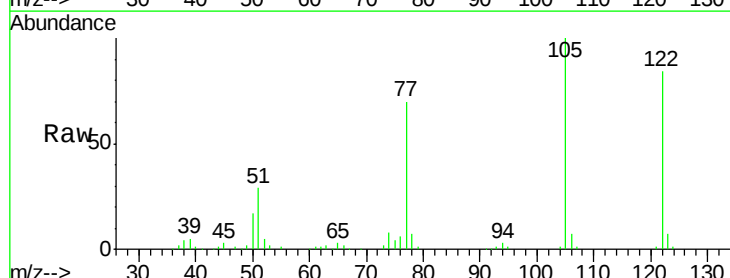
Tgt Ion:122 Resp: 499825

Ion Ratio Lower Upper

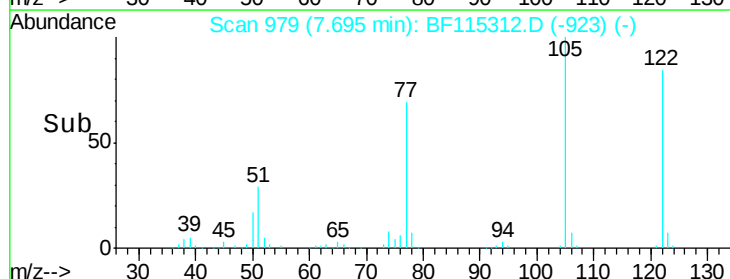
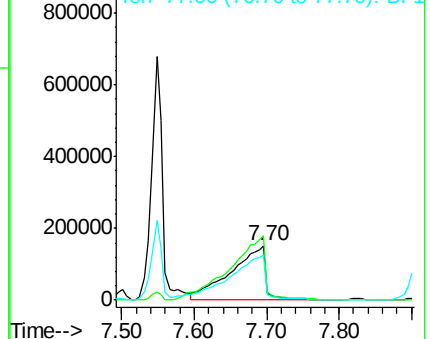
122 100

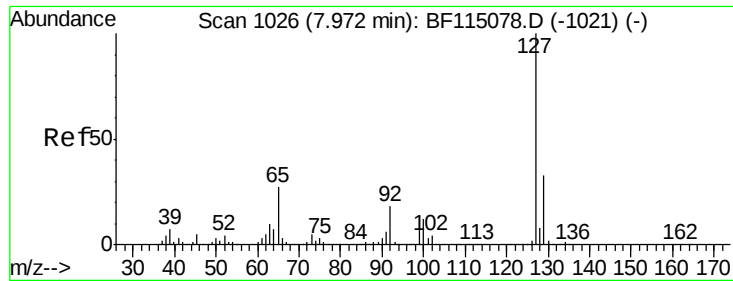
105 118.6 98.2 138.2

77 82.9 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





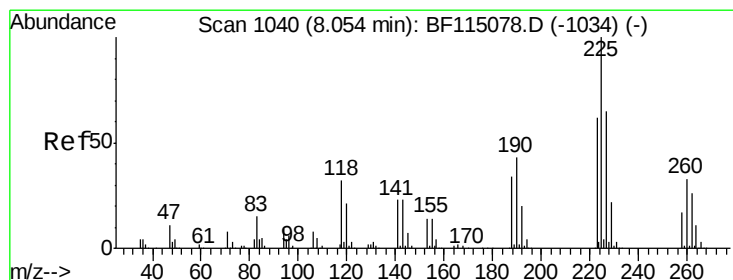
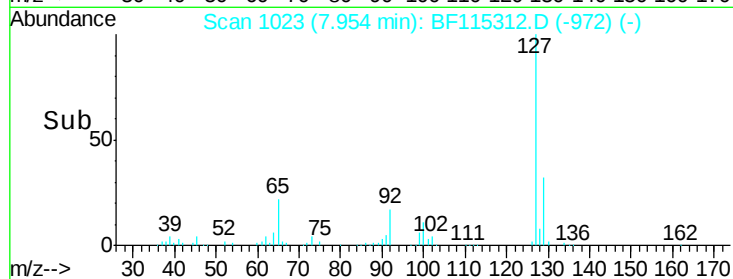
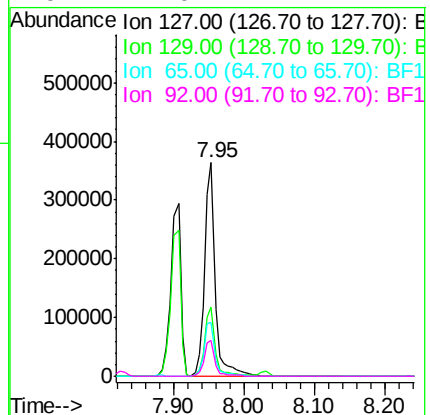
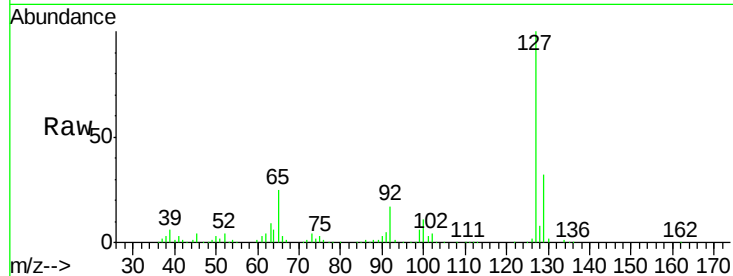
#33
4-Chloroaniline
Concen: 17.850 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	380485		
129	32.4	26.1	39.1	
65	25.4	21.4	32.2	
92	17.0	14.1	21.1	

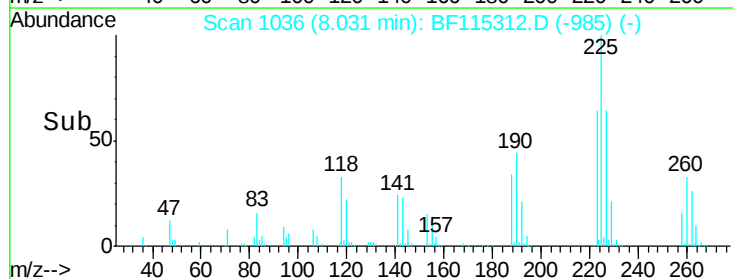
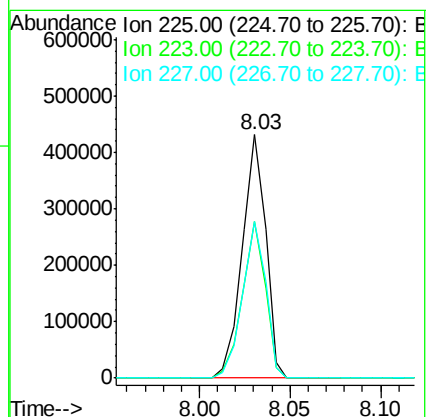
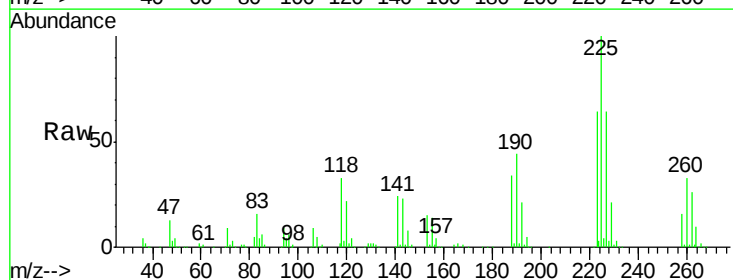
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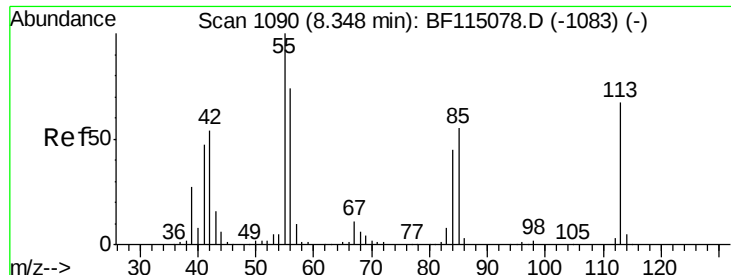
mohammad
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#34
Hexachlorobutadiene
Concen: 45.093 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	387559		
223	64.4	49.4	74.2	
227	64.1	51.8	77.8	





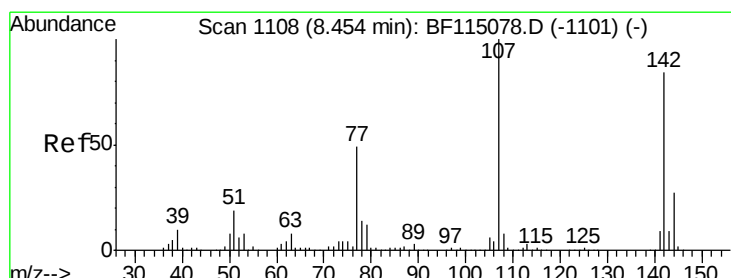
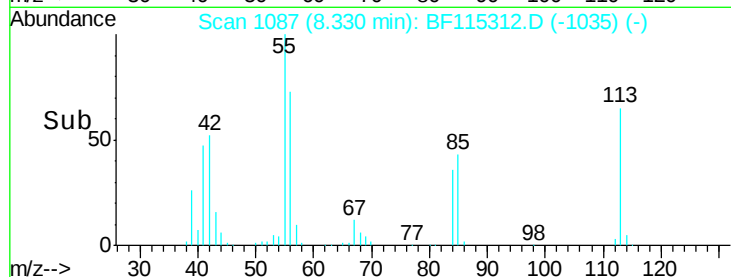
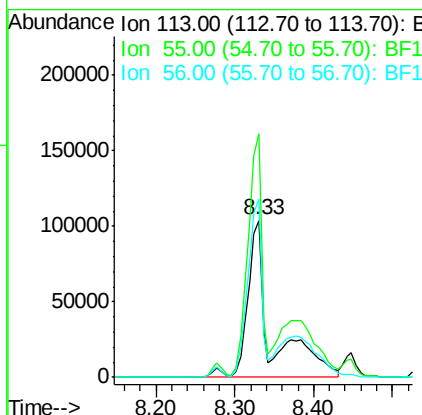
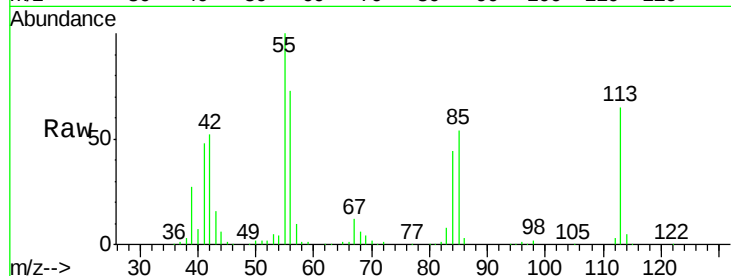
#35
 Caprolactam
 Concen: 45.276 ng m
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:113 Resp: 216133
 Ion Ratio Lower Upper
 113 100
 55 155.0 130.2 170.2
 56 113.6 91.6 131.6

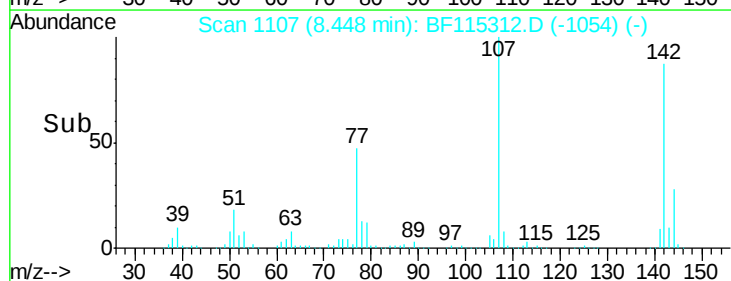
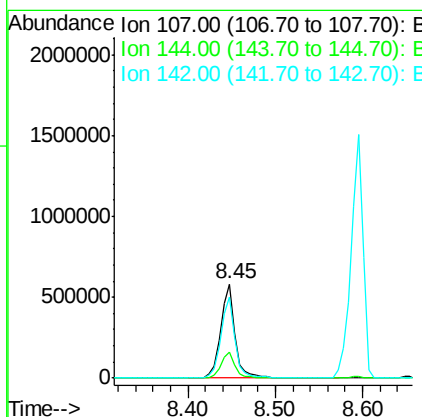
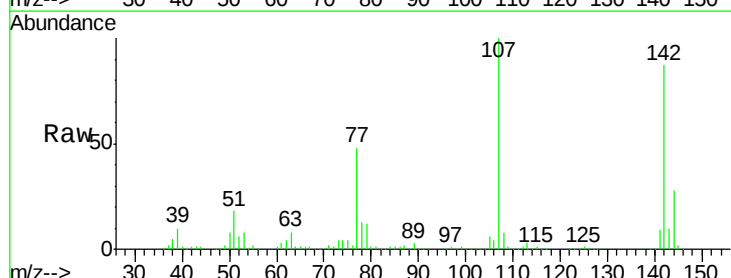
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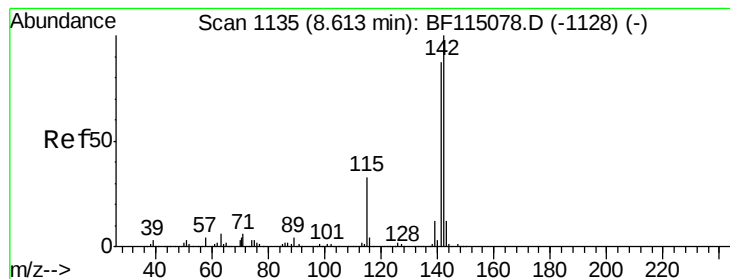
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#36
 4-Chloro-3-methylphenol
 Concen: 46.094 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:107 Resp: 662805
 Ion Ratio Lower Upper
 107 100
 144 28.4 21.7 32.5
 142 86.7 67.0 100.4





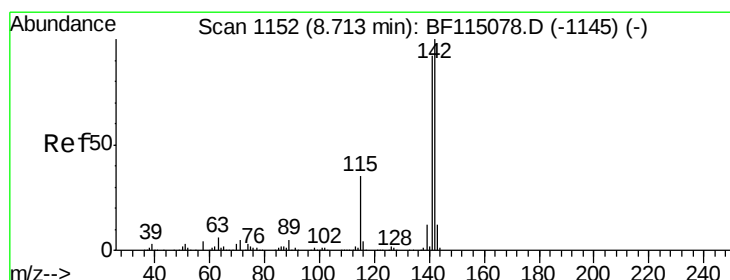
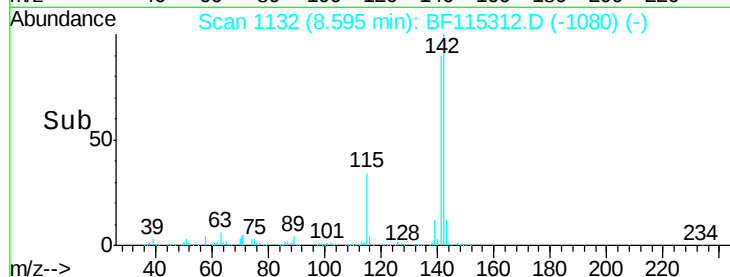
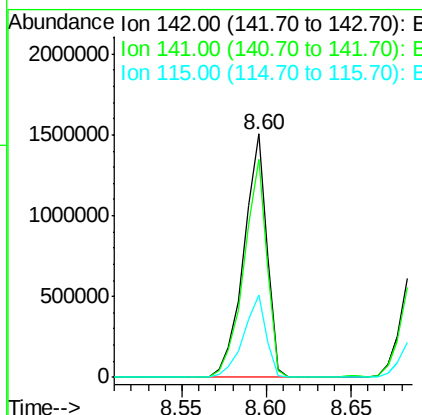
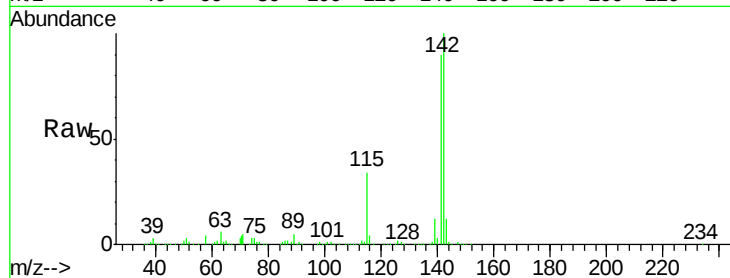
#37
2-Methylnaphthalene
Concen: 45.838 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:142 Resp: 1441477
Ion Ratio Lower Upper
142 100
141 89.5 69.8 104.6
115 33.9 26.7 40.1

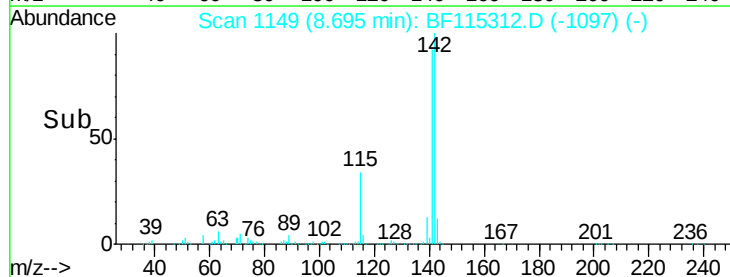
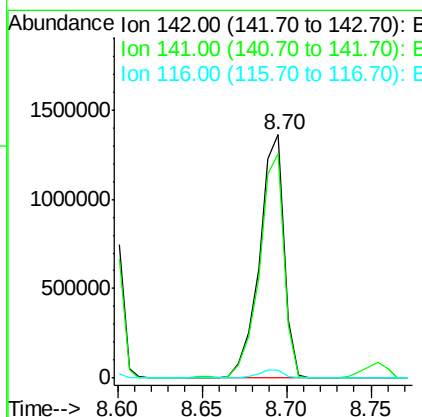
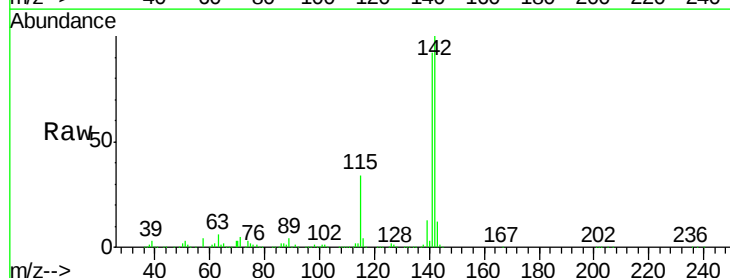
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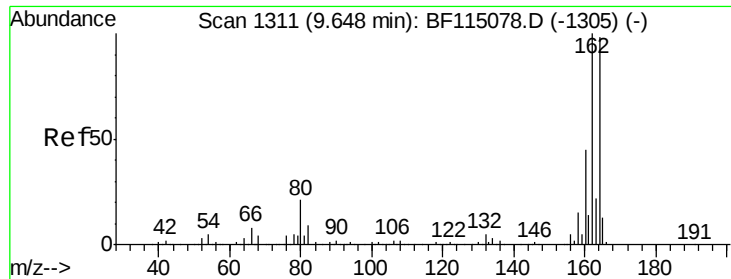
mohammad
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#38
1-Methylnaphthalene
Concen: 45.597 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:142 Resp: 1369478
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8
116 3.5 2.8 4.2





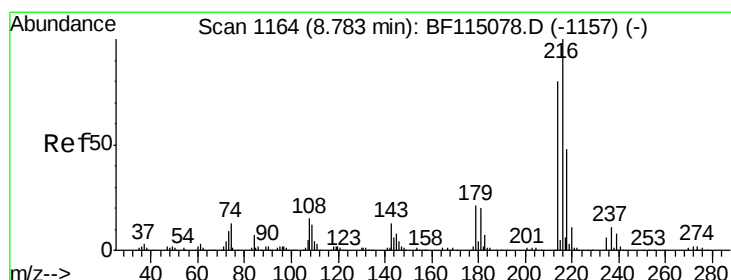
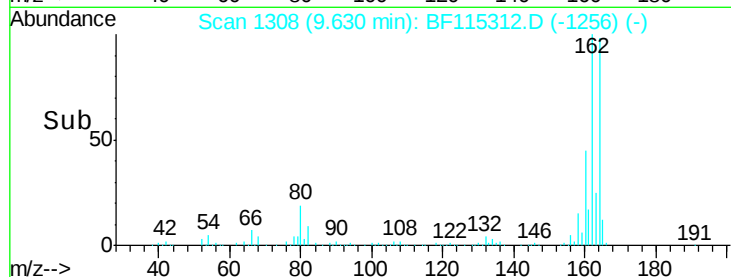
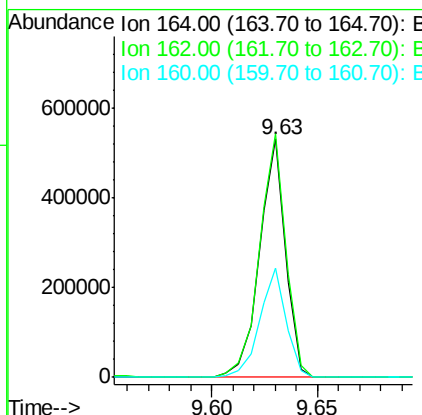
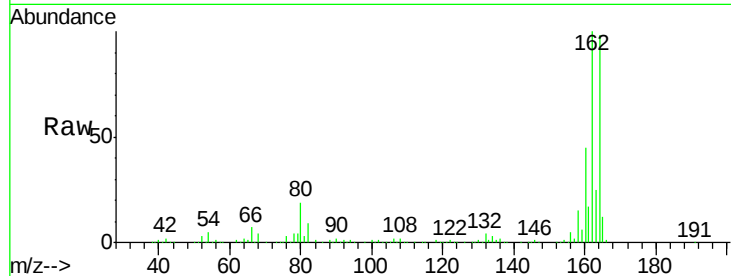
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	455989	81.7	122.5
160	45.9		37.0	55.4

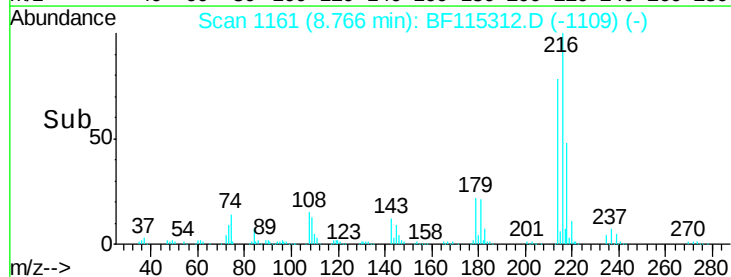
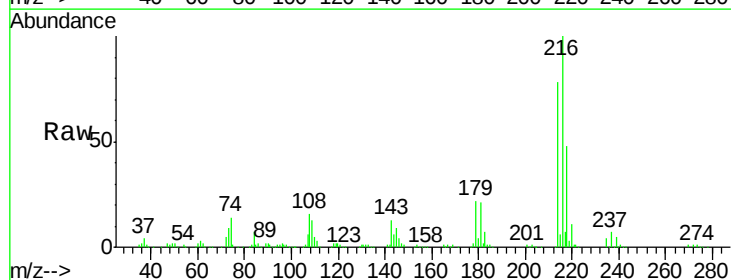
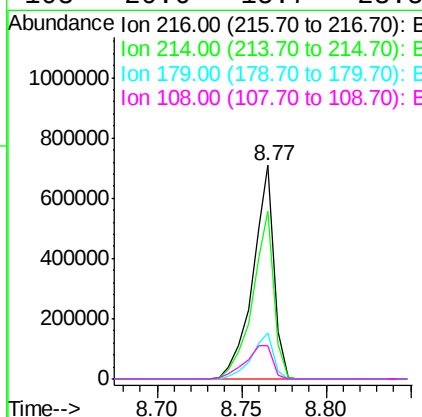
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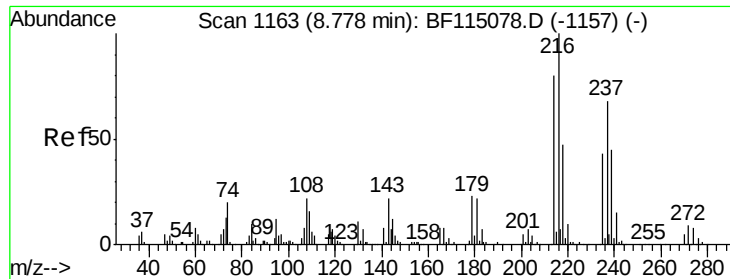
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.110 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	619926		
214	78.9		63.8	95.6
179	22.1		17.6	26.4
108	20.6		15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 91.235 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

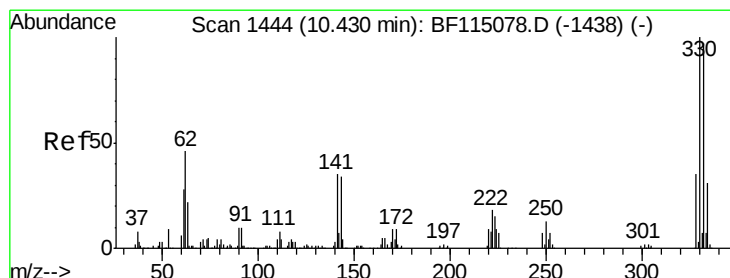
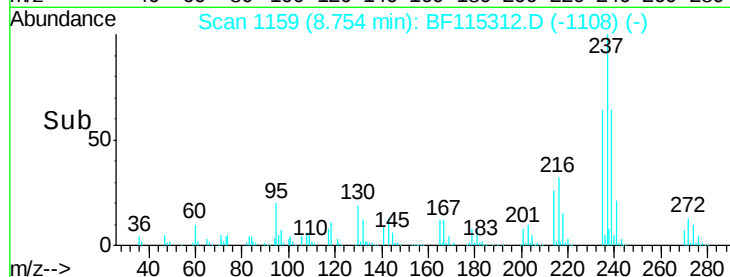
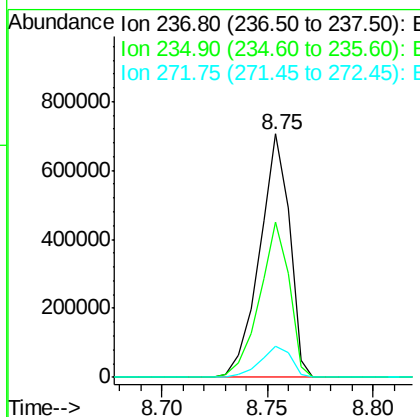
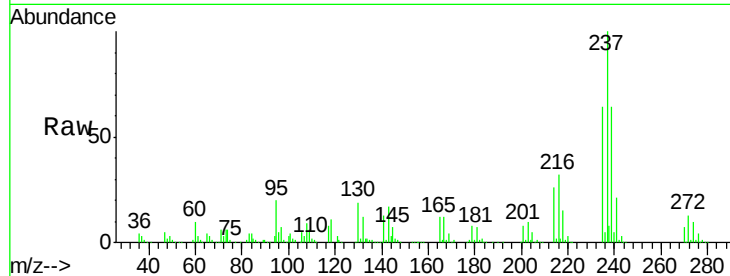
ClientSampleId :

PB120999BS

Tgt Ion:	237	Resp:	697089
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.9	83.9
272	13.0	0.0	33.8

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#42

2,4,6-Tribromophenol

Concen: 137.027 ng

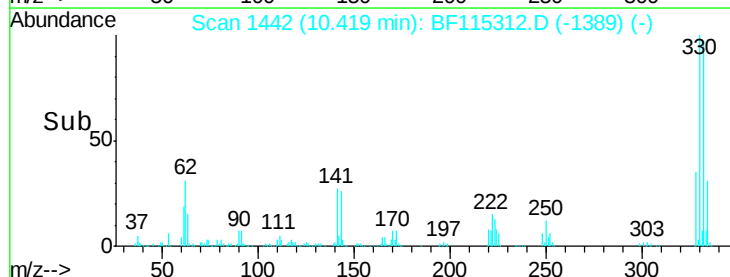
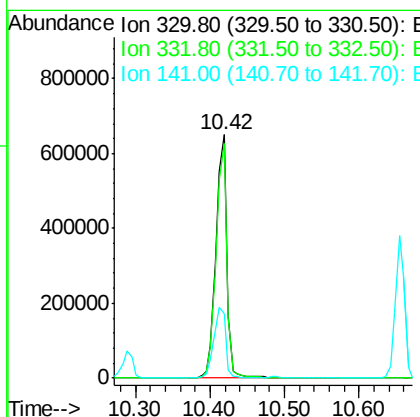
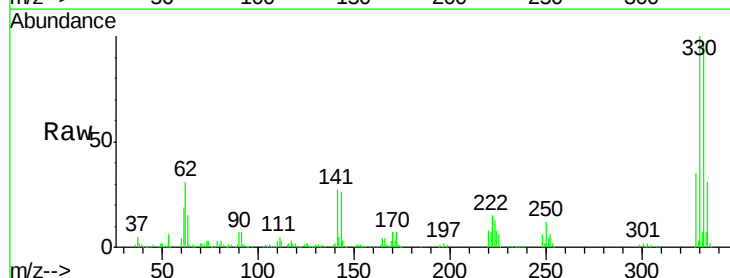
RT: 10.42 min Scan# 1442

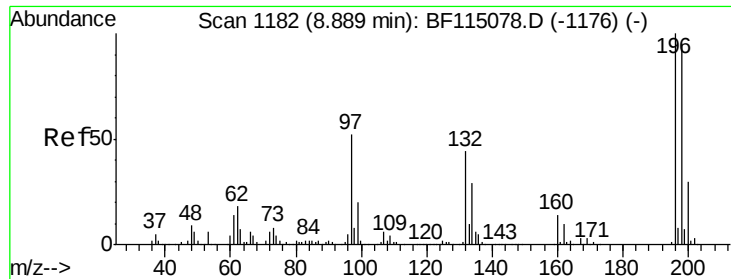
Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Tgt Ion:	330	Resp:	658905
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	31.8	28.2	42.2





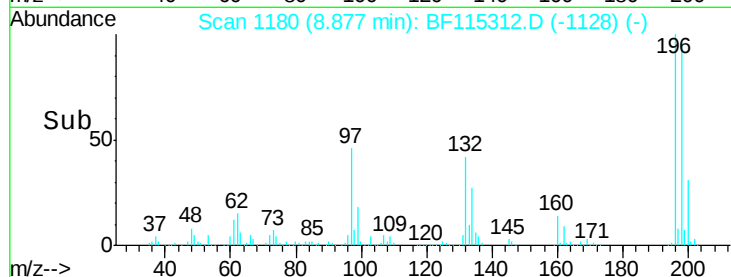
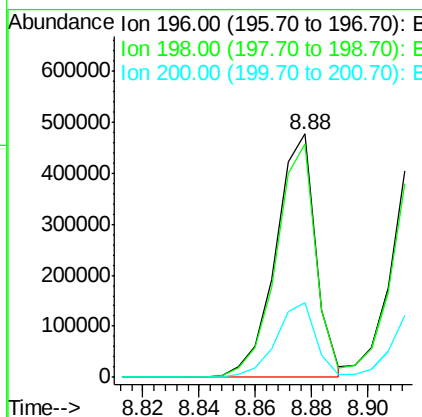
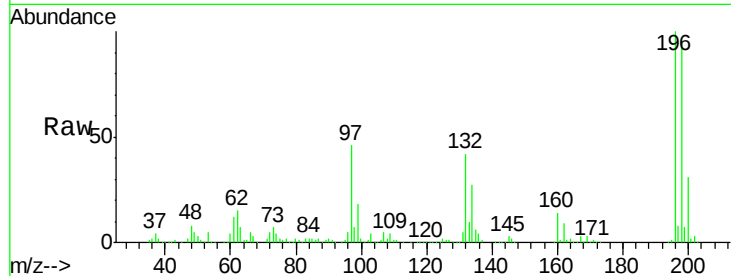
#43
 2,4,6-Trichlorophenol
 Concen: 47.083 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	468382		
198	96.0	76.3	114.5	
200	30.9	24.2	36.4	

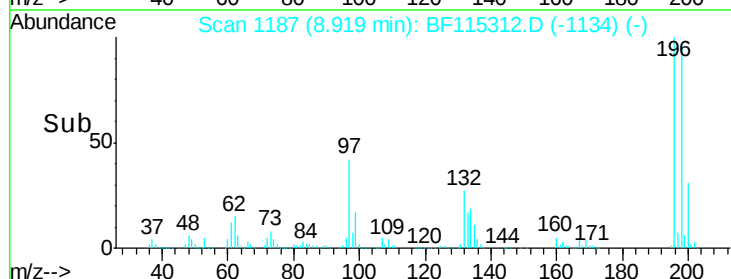
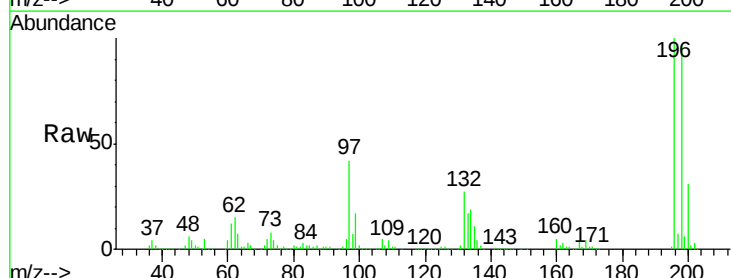
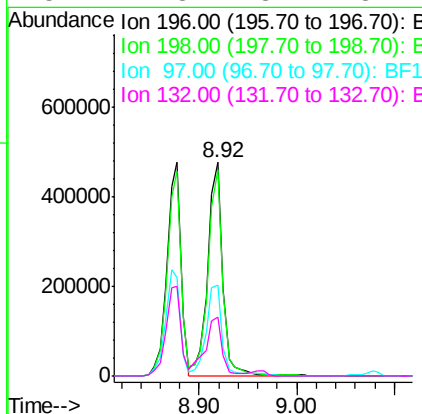
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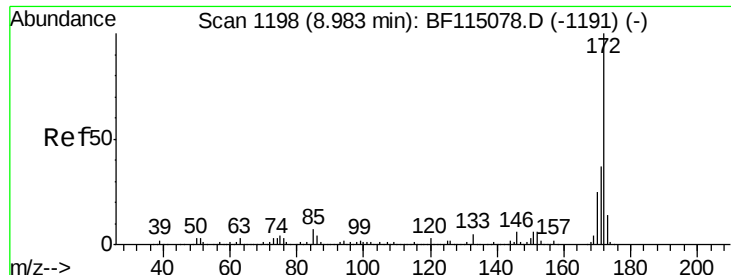
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#44
 2,4,5-Trichlorophenol
 Concen: 49.621 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	508345		
198	96.6	77.1	115.7	
97	42.5	37.7	56.5	
132	27.3	23.1	34.7	





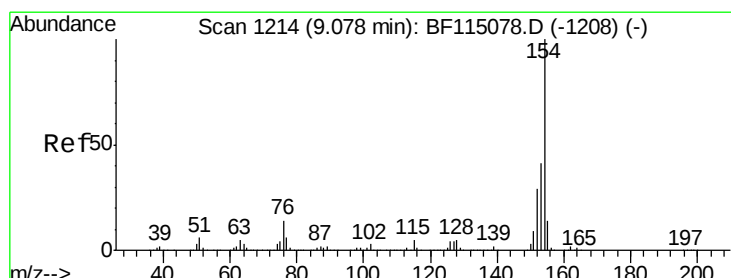
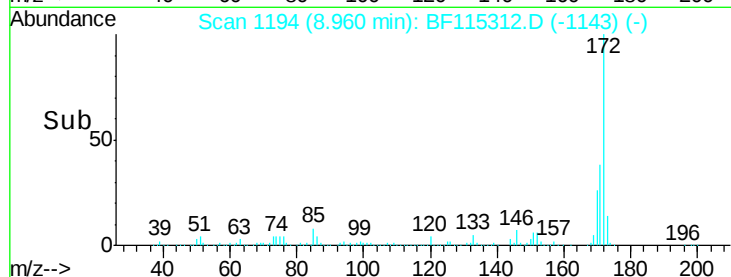
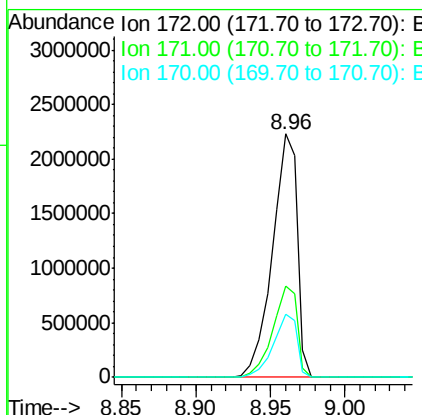
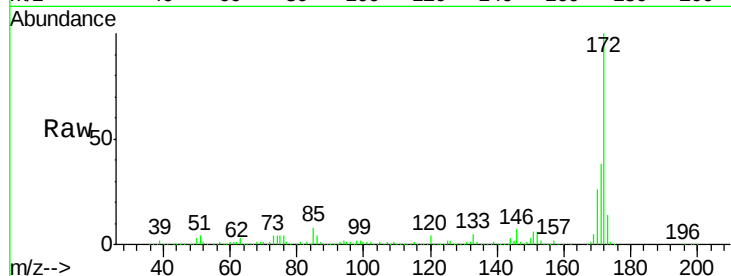
#45
 2-Fluorobiphenyl
 Concen: 95.941 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:172 Resp: 2575508
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.9 20.3 30.5

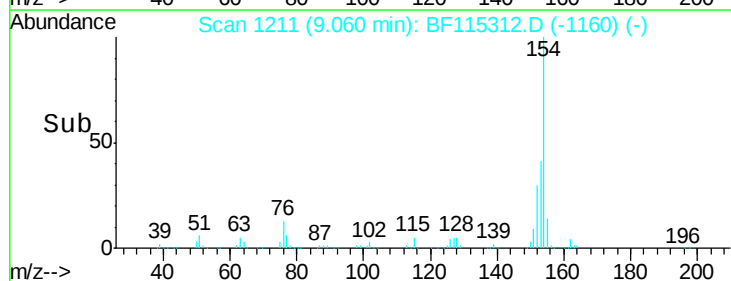
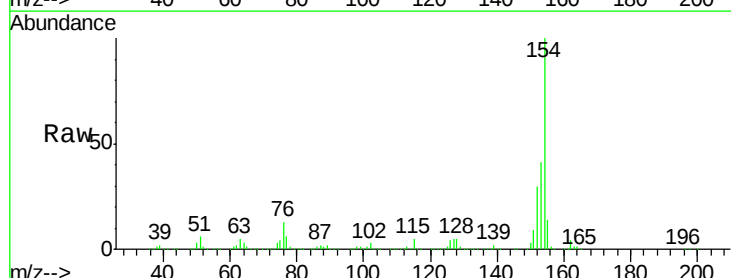
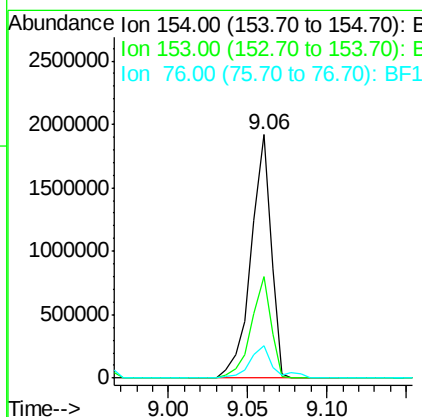
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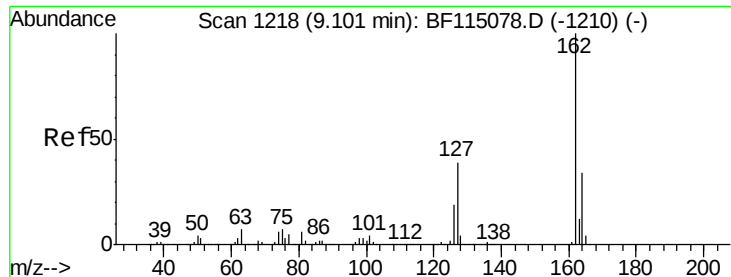
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#46
 1,1'-Biphenyl
 Concen: 46.063 ng
 RT: 9.06 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:154 Resp: 1680647
 Ion Ratio Lower Upper
 154 100
 153 41.5 20.9 60.9
 76 13.1 0.0 34.1





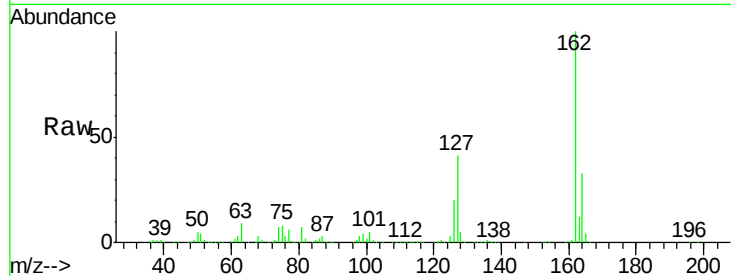
#47
 2-Chloronaphthalene
 Concen: 45.313 ng
 RT: 9.08 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

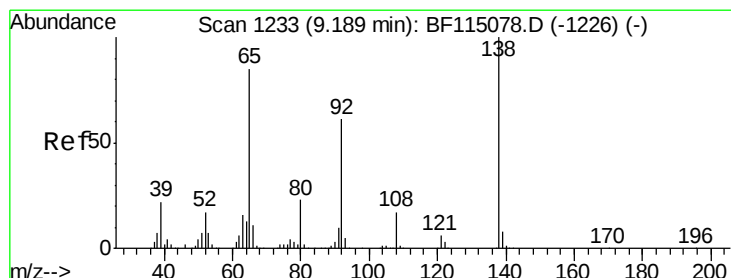
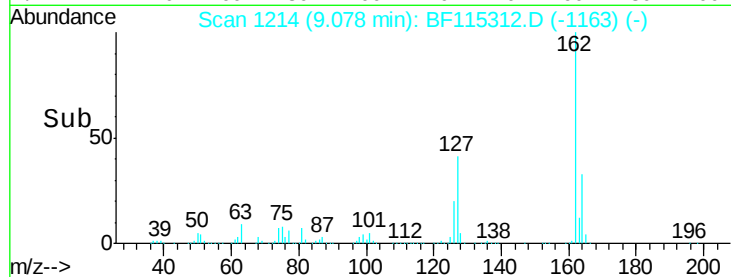
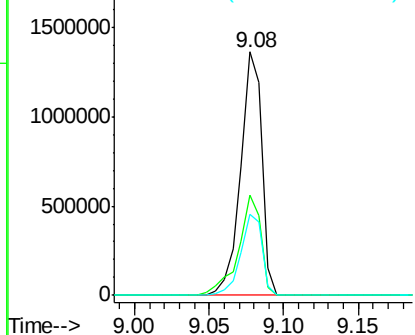
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.8	46.2
164	33.2	27.0	40.4

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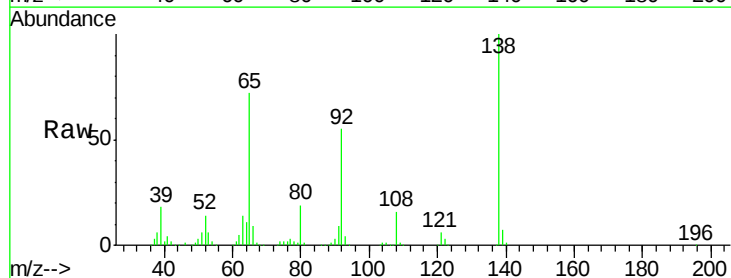


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

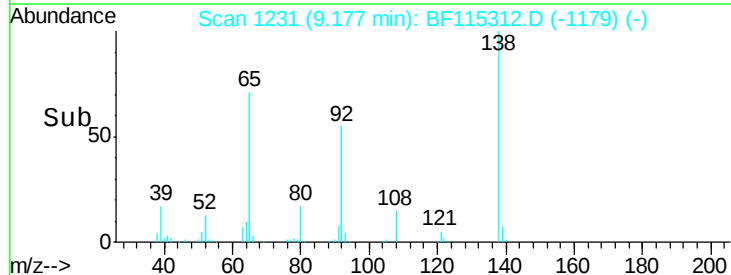
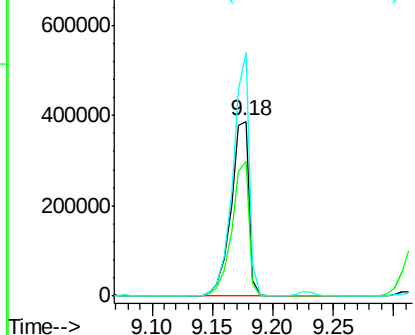


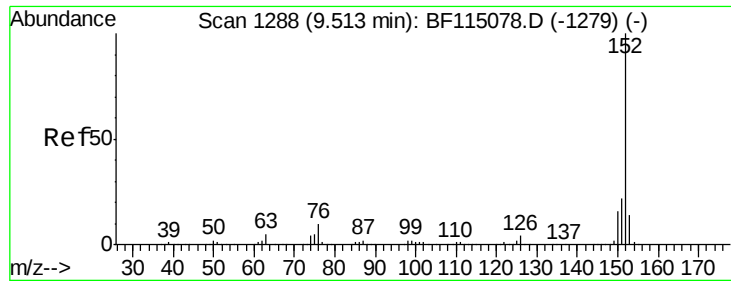
#48
 2-Nitroaniline
 Concen: 46.456 ng
 RT: 9.18 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.1	57.4	86.2
138	139.4	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: 45.061 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion:152 Resp: 2077812

Ion Ratio Lower Upper

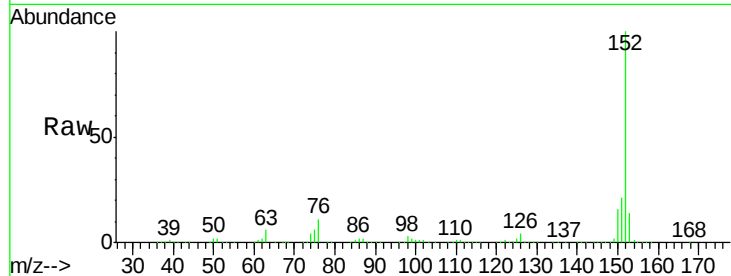
152 100

151 21.5 17.2 25.8

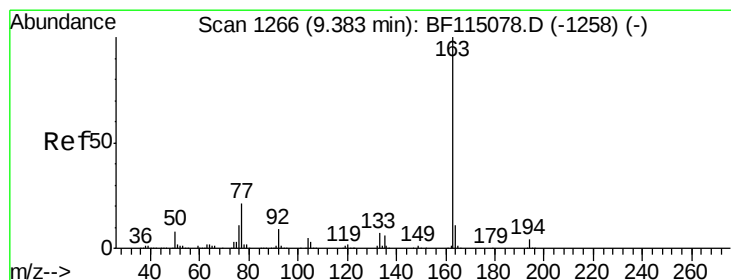
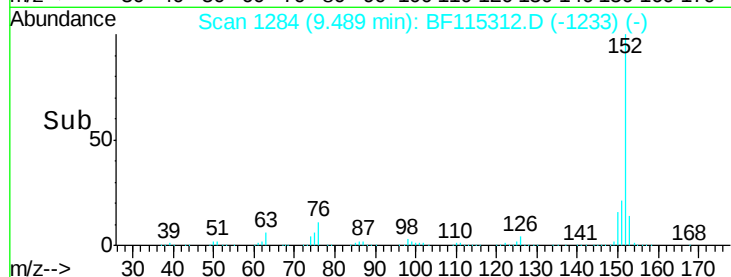
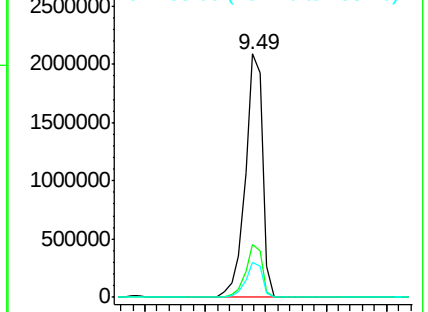
153 14.3 11.0 16.6

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



#50

Dimethylphthalate

Concen: 46.214 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

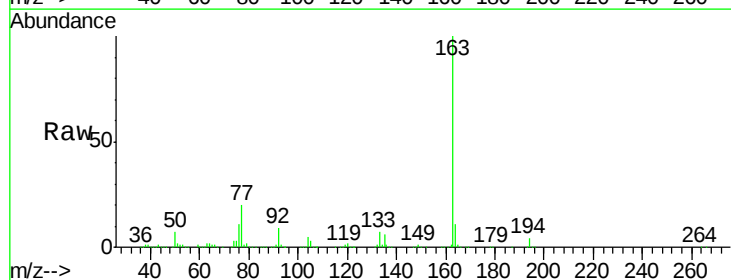
Tgt Ion:163 Resp: 1550378

Ion Ratio Lower Upper

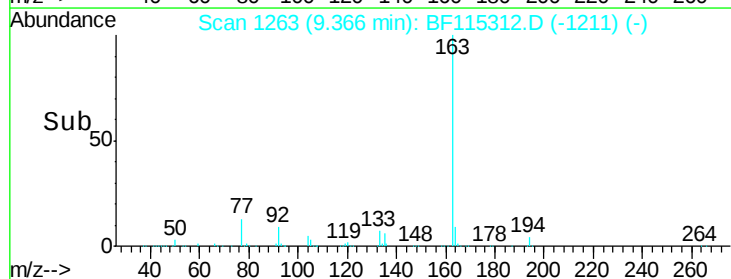
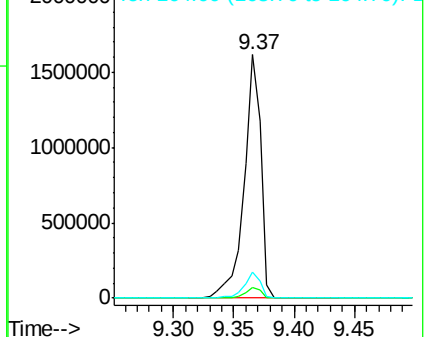
163 100

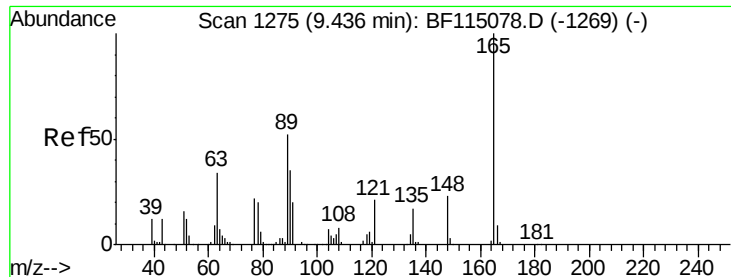
194 4.1 3.2 4.8

164 10.8 8.6 13.0



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





#51

2,6-Dinitrotoluene

Concen: 47.693 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion:165 Resp: 369390
Ion Ratio Lower Upper

165 100

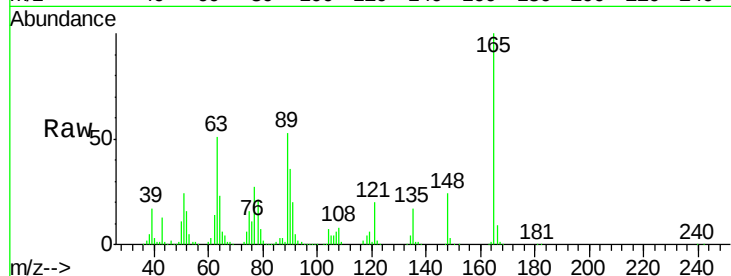
63 50.8 39.4 59.2

89 52.9 42.0 63.0

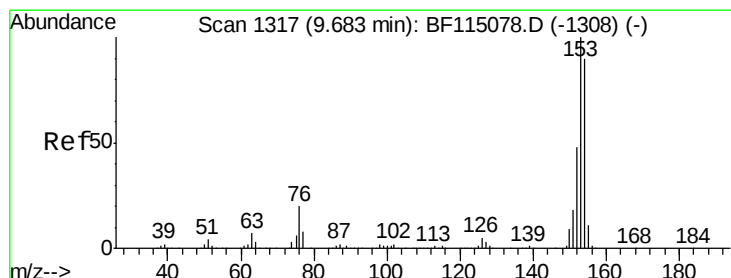
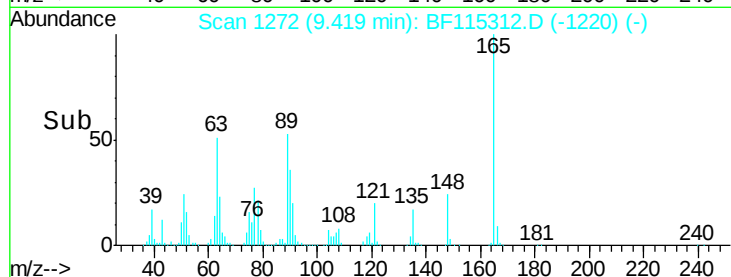
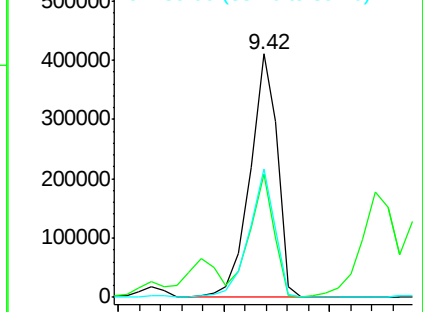
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.988 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF115312.D

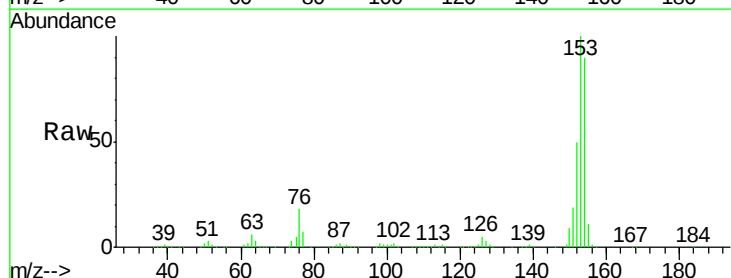
Acq: 29 Jun 2019 10:07

Tgt Ion:154 Resp: 1211496
Ion Ratio Lower Upper

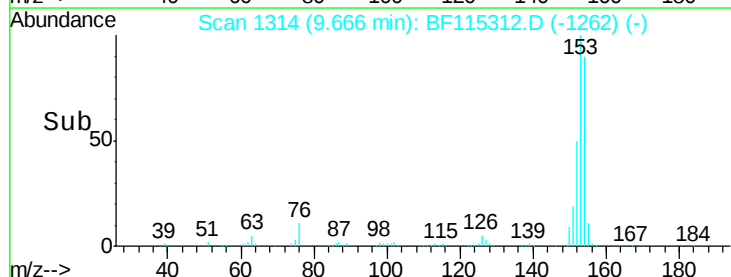
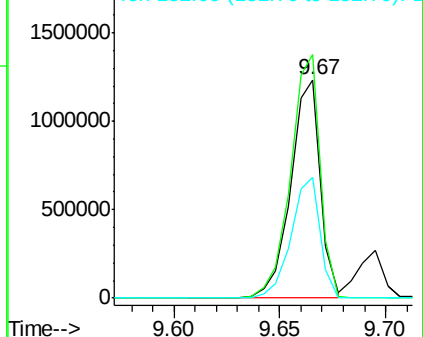
154 100

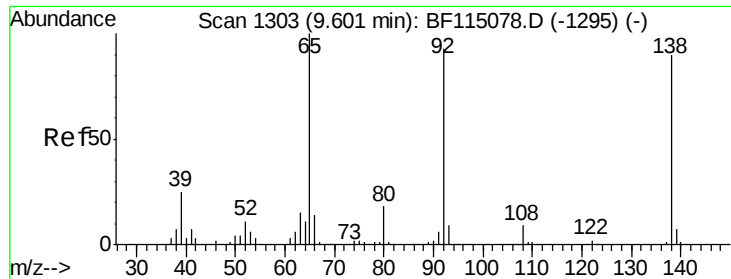
153 111.6 88.7 133.1

152 55.5 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





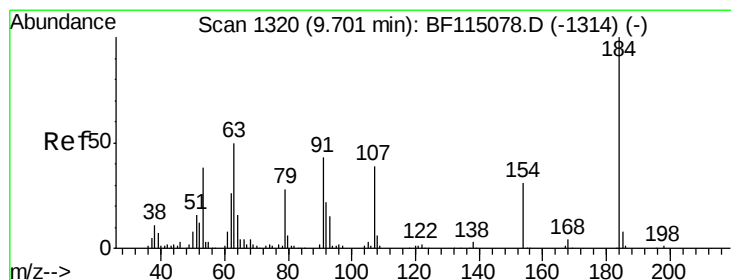
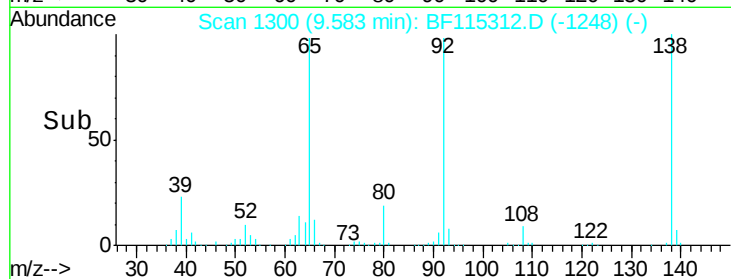
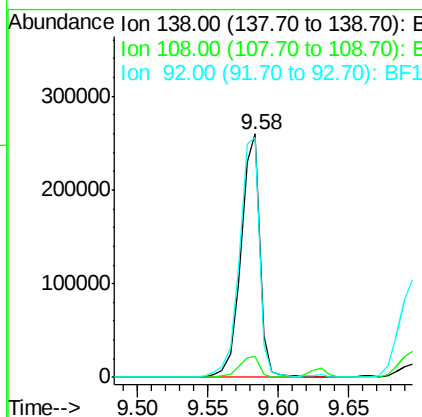
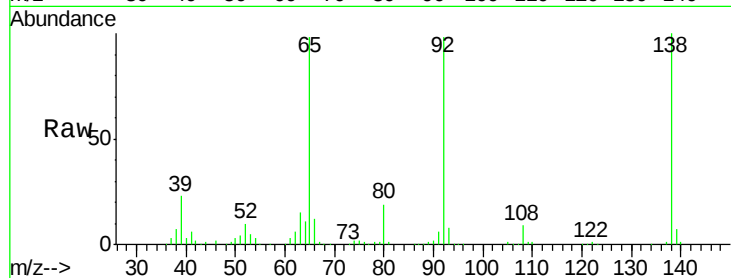
#53
3-Nitroaniline
Concen: 25.544 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	241438		
108	8.8	7.8	11.6	
92	98.3	82.9	124.3	

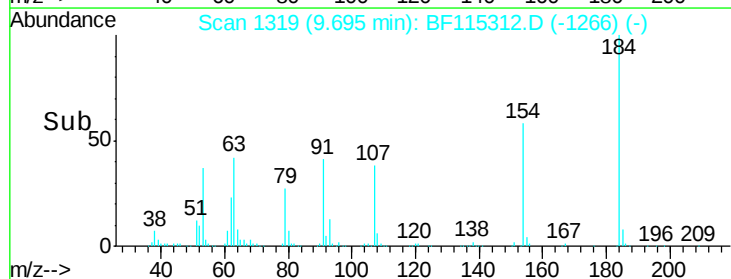
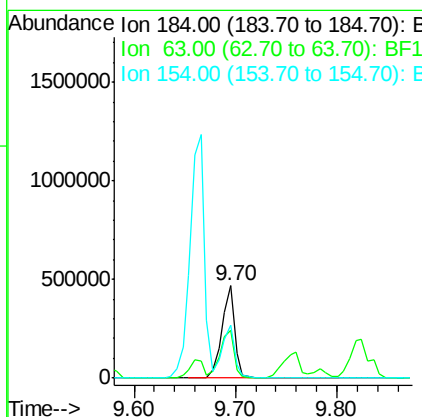
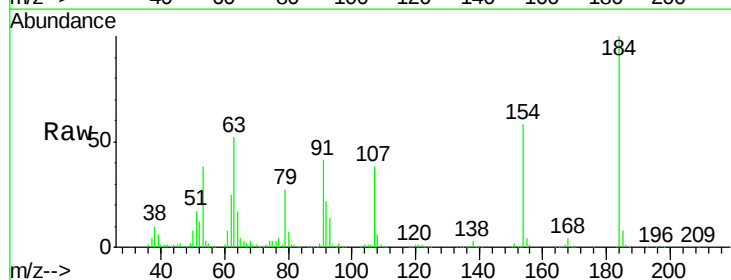
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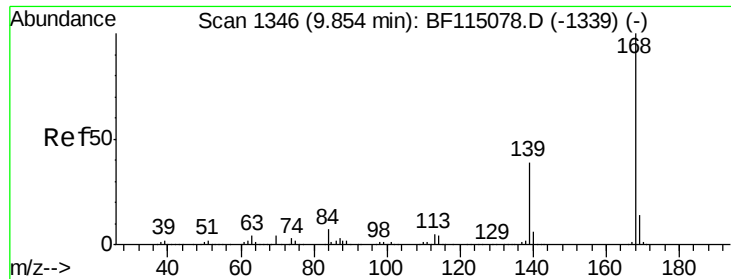
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#54
2,4-Dinitrophenol
Concen: 102.195 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	416233		
63	51.5	41.9	62.9	
154	57.7	44.7	67.1	





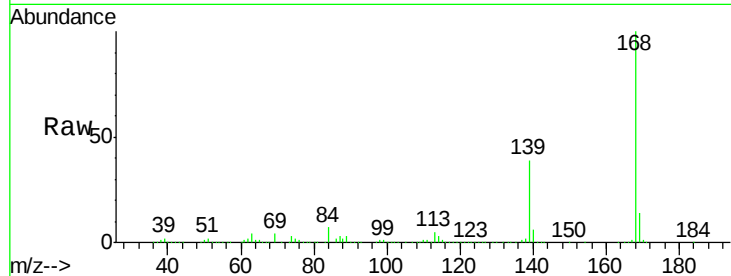
#55
Dibenzofuran
Concen: 43.985 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

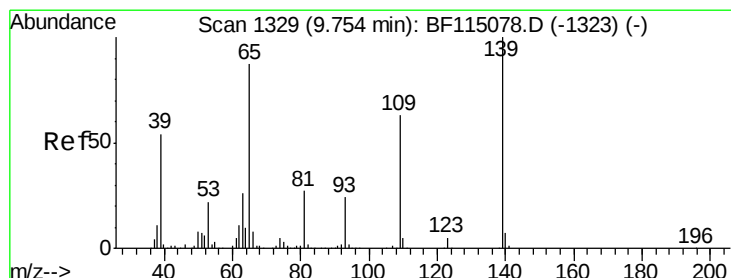
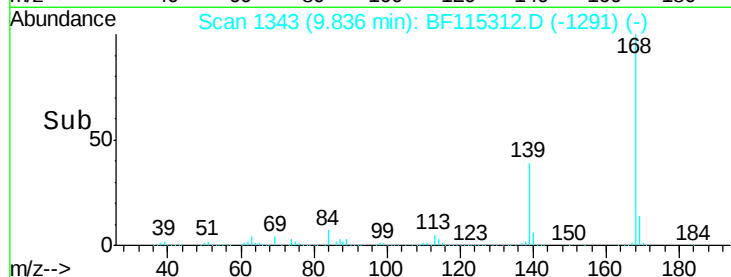
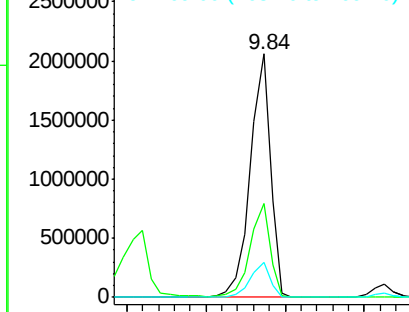
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.1	46.7
169	14.3	11.3	16.9

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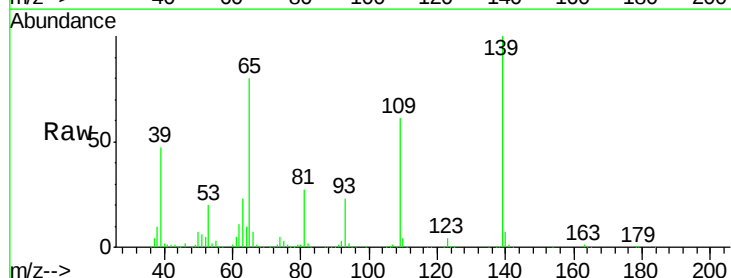


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

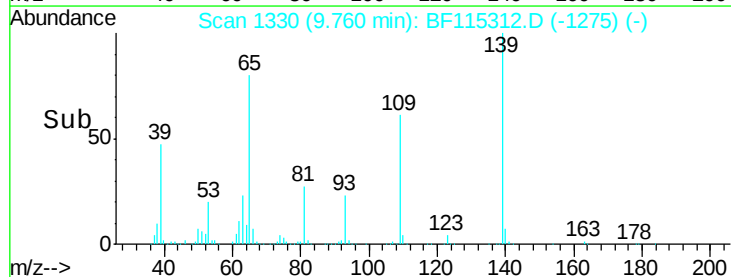
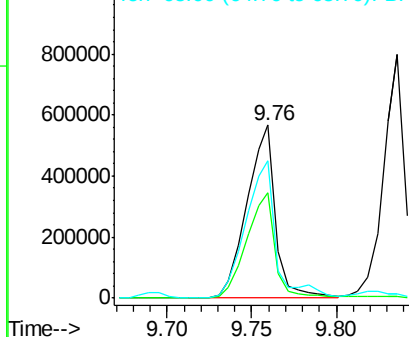


#56
4-Nitrophenol
Concen: 88.543 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.0	83.0
65	79.7	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





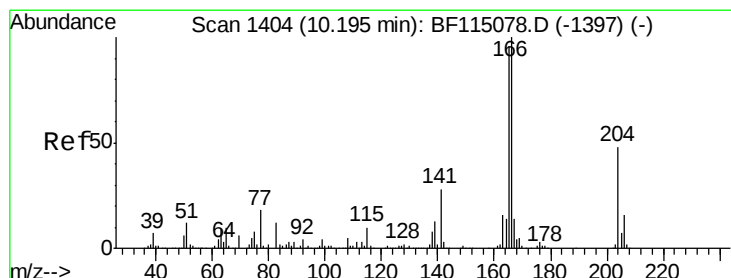
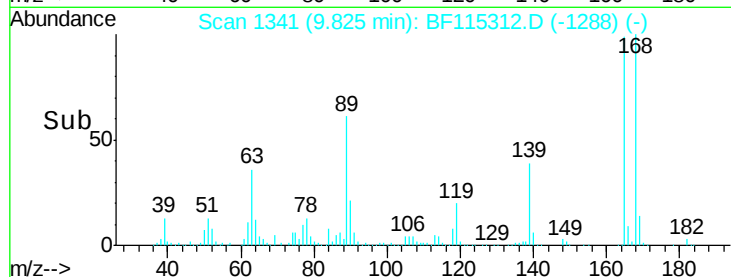
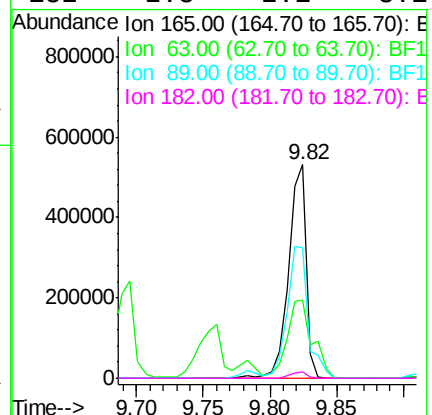
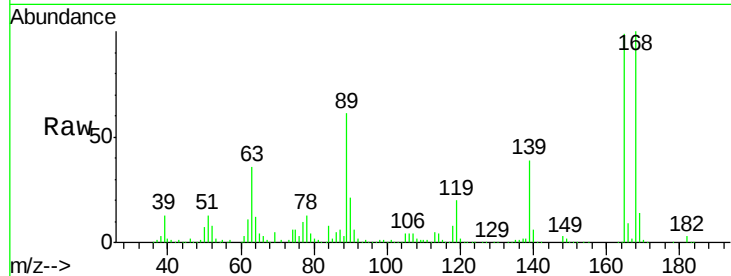
#57
2,4-Dinitrotoluene
Concen: 49.213 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	492160		
63	36.8	27.5	41.3	
89	61.2	49.9	74.9	
182	2.8	2.1	3.1	

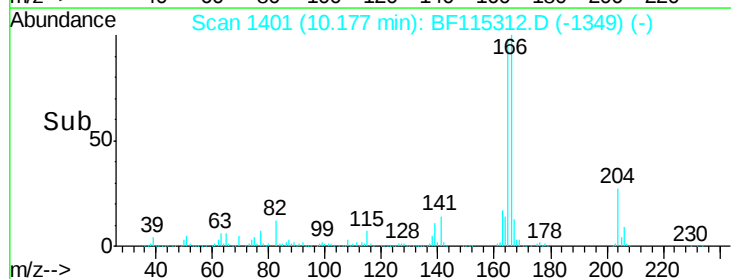
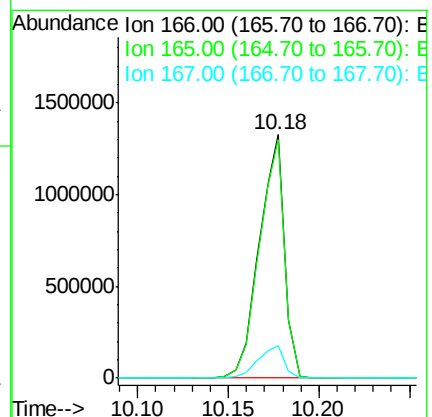
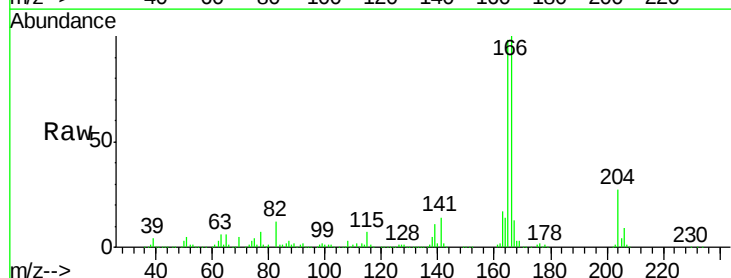
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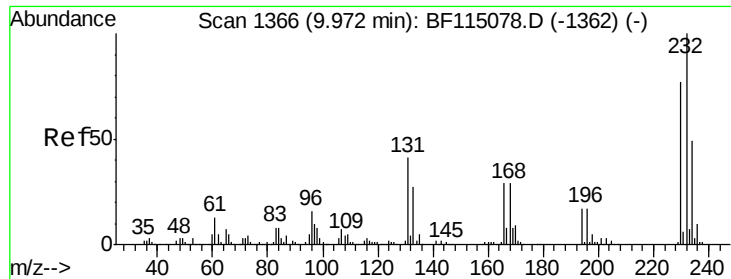
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#58
Fluorene
Concen: 46.306 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1271493		
165	97.9	76.5	114.7	
167	13.5	11.0	16.4	





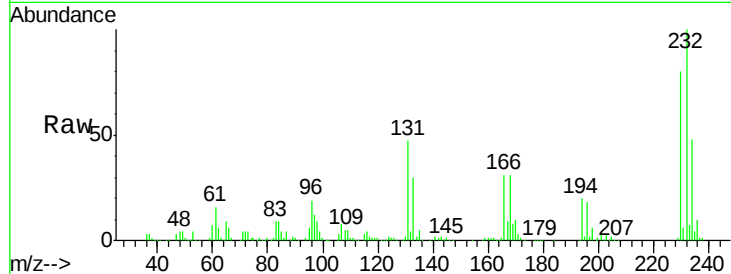
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.053 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

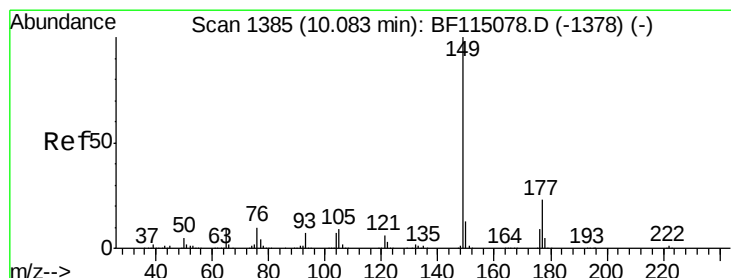
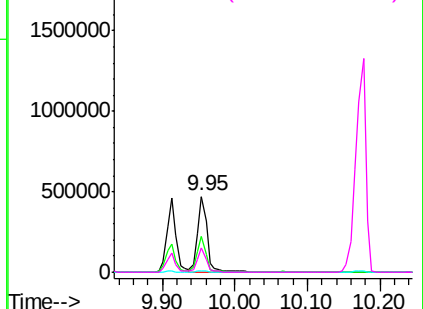
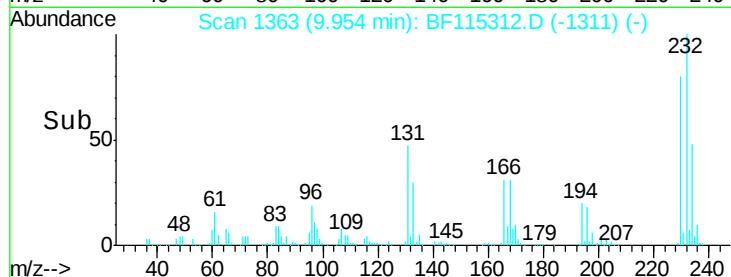
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.4	56.0
130	2.2	1.8	2.6
166	29.6	24.6	36.8

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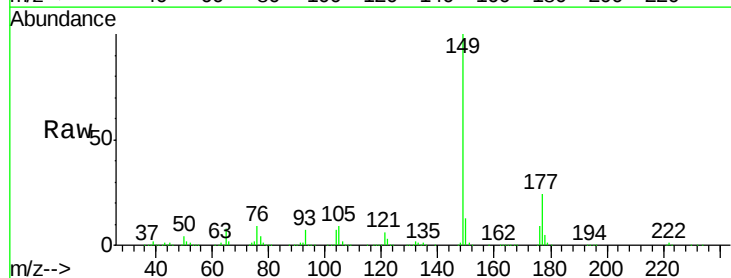


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

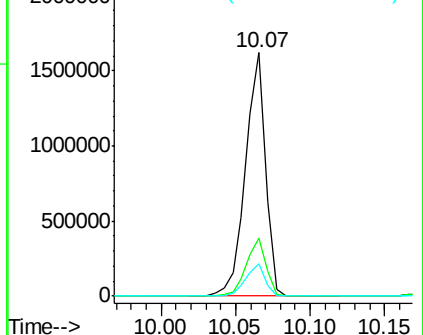
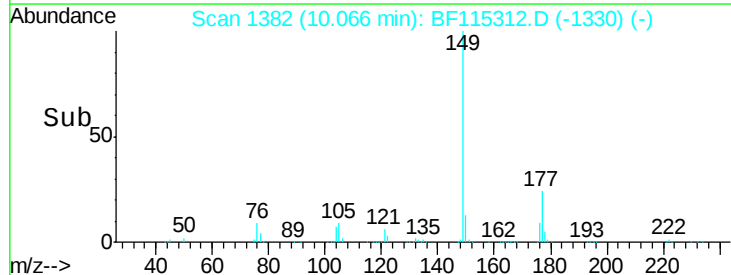


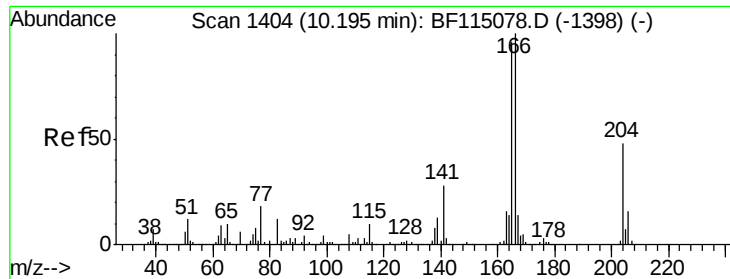
#60
 Diethylphthalate
 Concen: 44.706 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.2	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





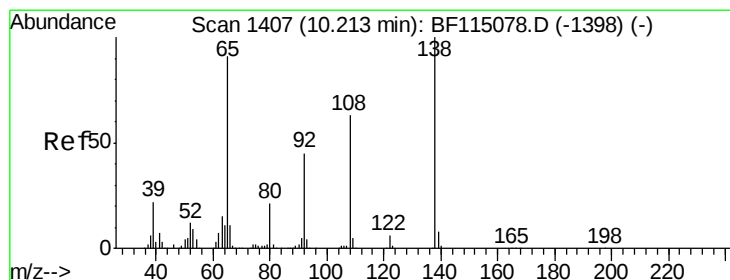
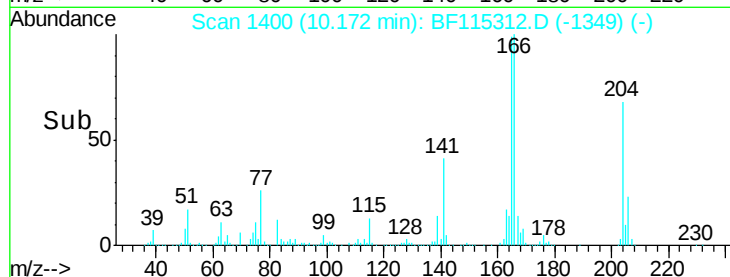
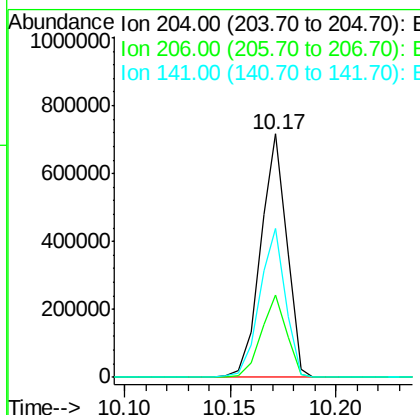
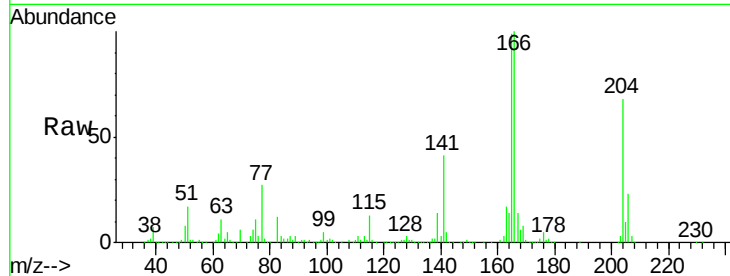
#61
4-Chlorophenyl-phenylether
Concen: 47.248 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	614637		
206	33.8	26.6	40.0	
141	61.2	46.7	70.1	

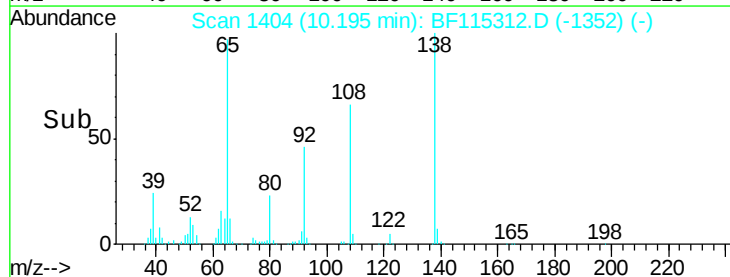
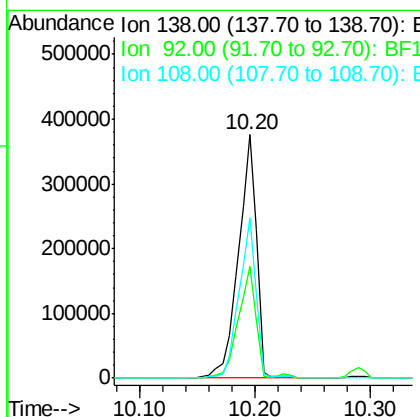
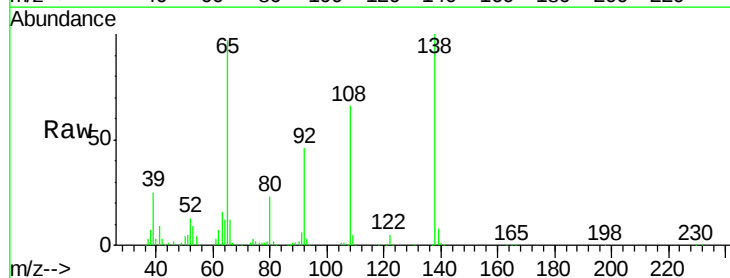
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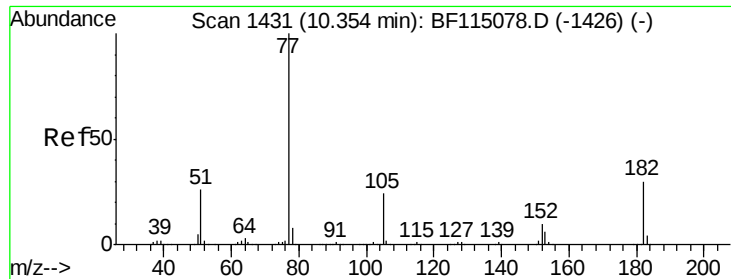
mohammad
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#62
4-Nitroaniline
Concen: 43.298 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	410547		
92	46.1	24.8	64.8	
108	65.8	43.3	83.3	





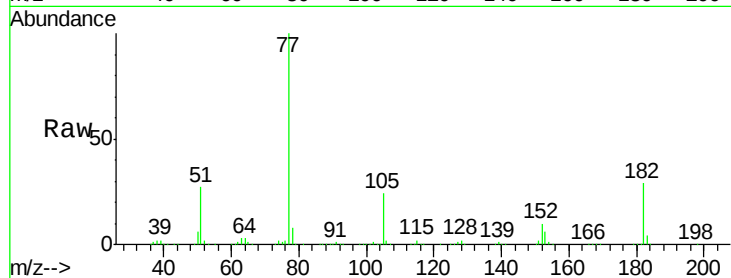
#63
Azobenzene
Concen: 44.477 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	10.1	50.1
105	24.2	4.5	44.5
51	26.8	6.4	46.4

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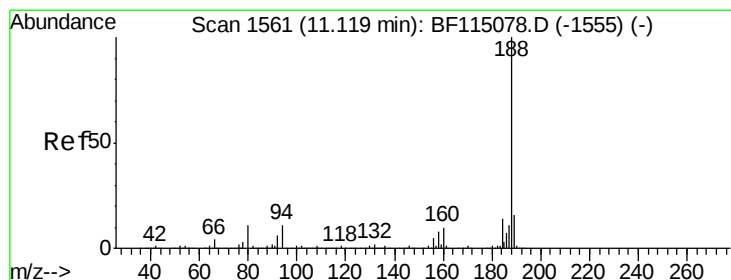
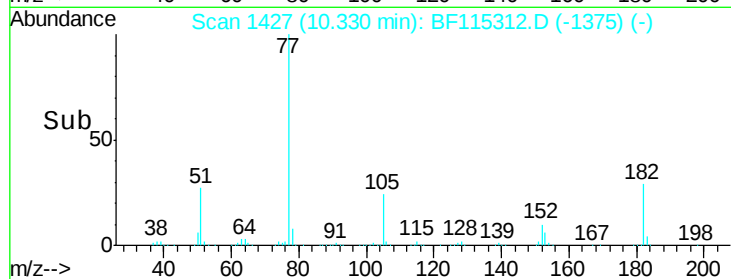
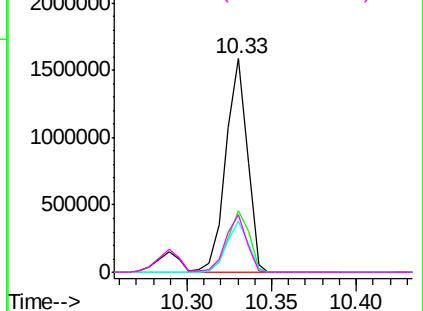
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

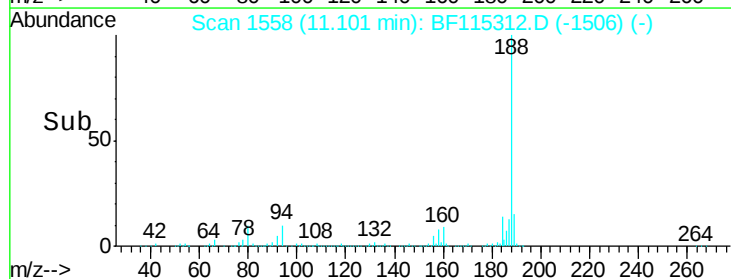
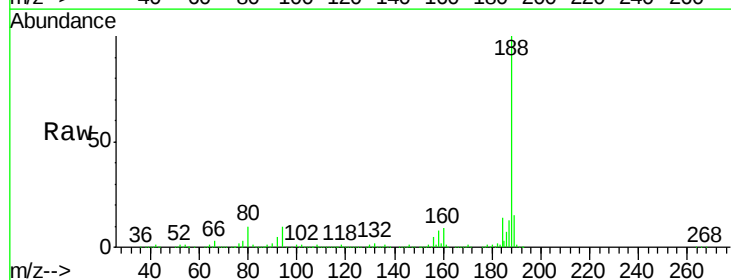
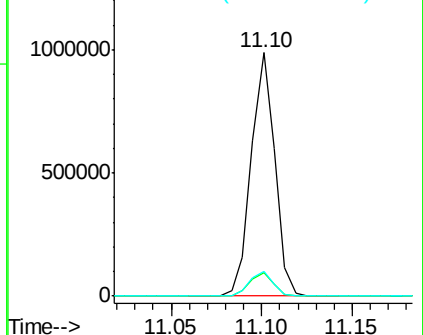
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	12.8
80	10.0	8.8	13.2

Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





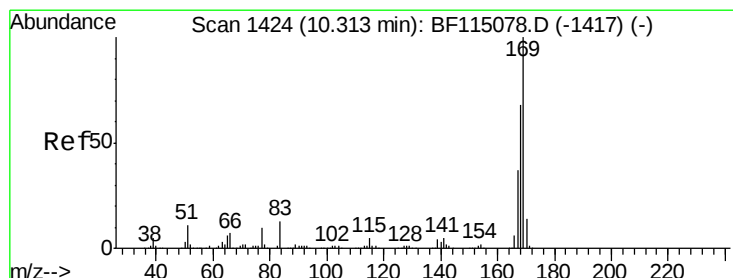
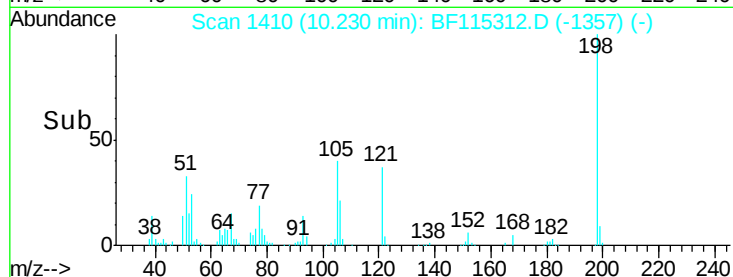
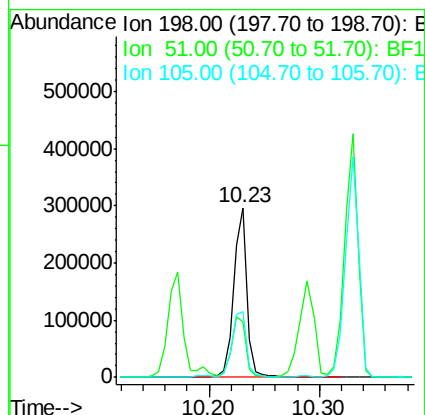
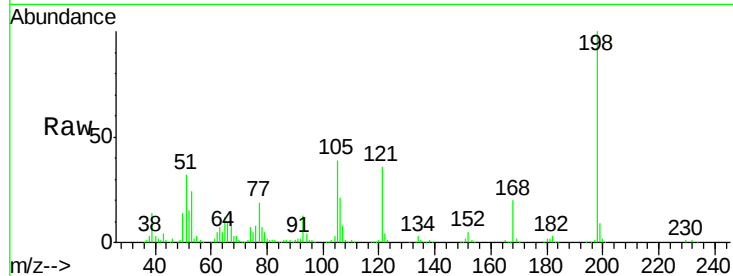
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.093 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	249123		
51	32.4	11.0	51.0	
105	38.7	17.3	57.3	

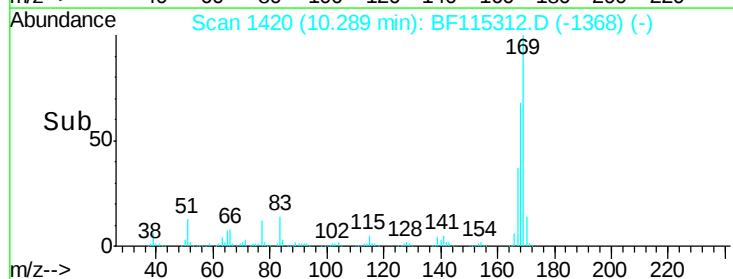
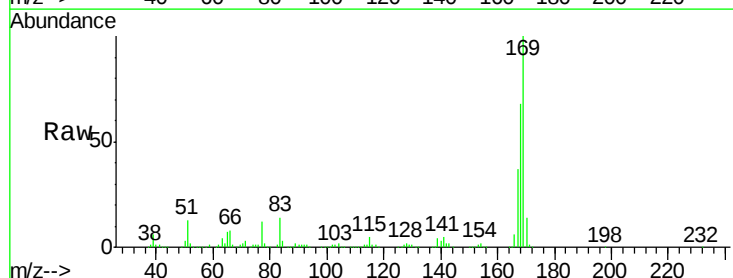
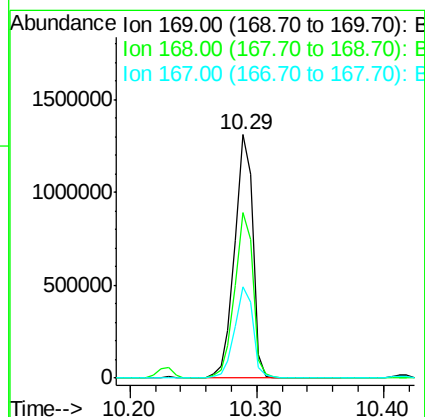
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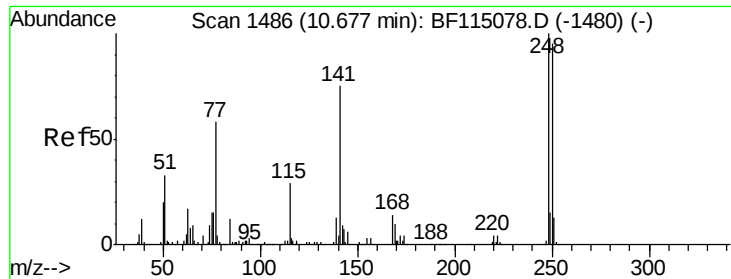
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#66
 n-Nitrosodiphenylamine
 Concen: 46.214 ng
 RT: 10.29 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1282421		
168	68.1	54.2	81.4	
167	37.2	29.4	44.0	





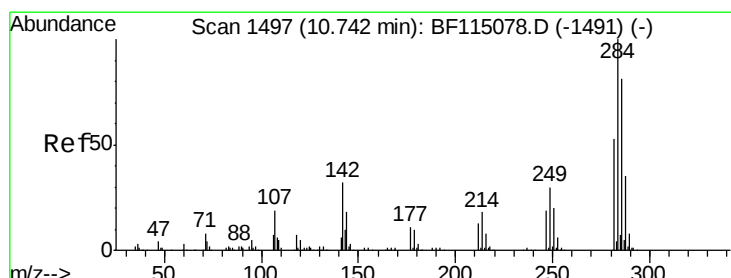
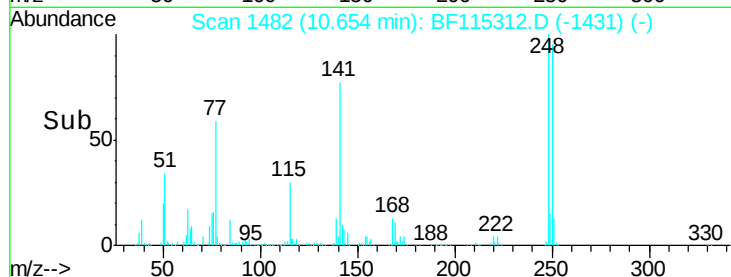
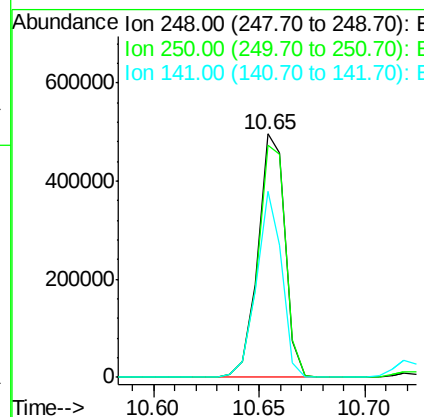
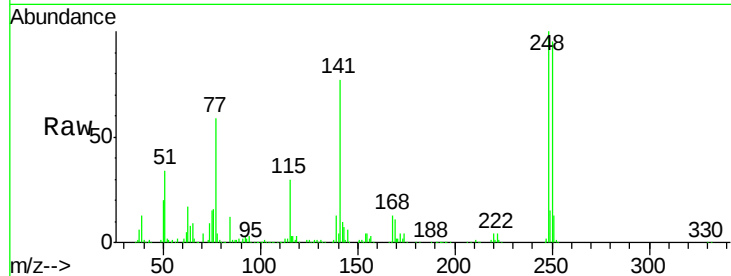
#67
4-Bromophenyl-phenylether
Concen: 45.943 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	443675		
250	95.1	76.2	114.2	
141	76.6	59.6	89.4	

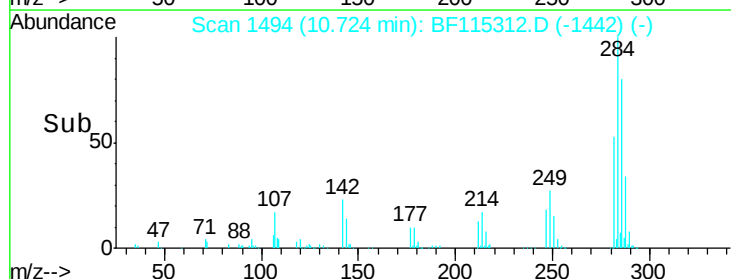
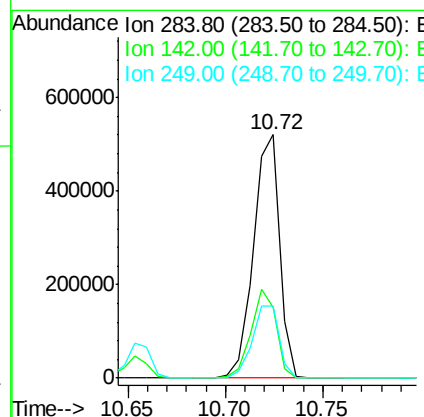
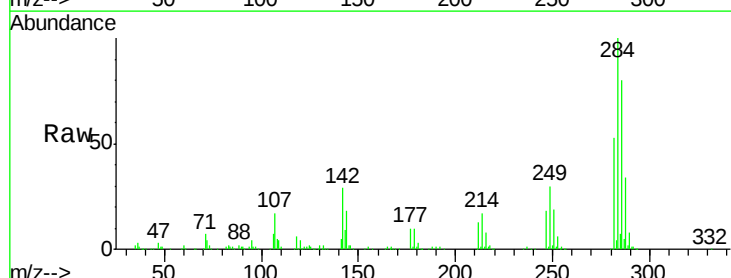
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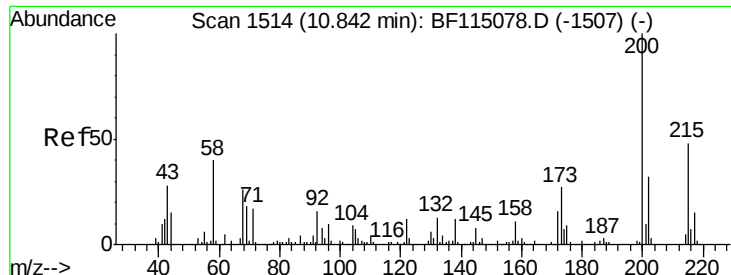
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#68
Hexachlorobenzene
Concen: 46.061 ng
RT: 10.72 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	482822		
142	29.3	25.8	38.8	
249	29.5	24.2	36.4	





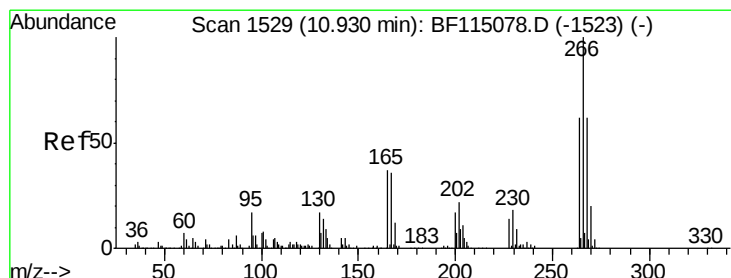
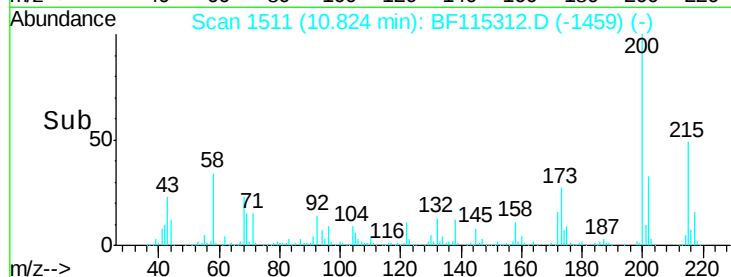
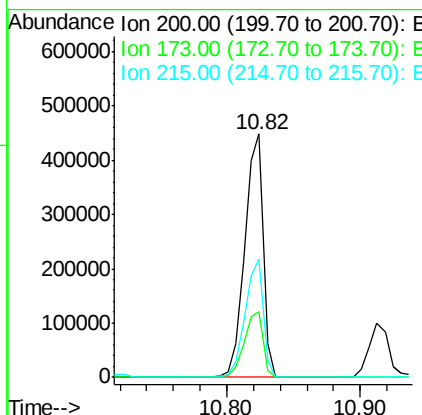
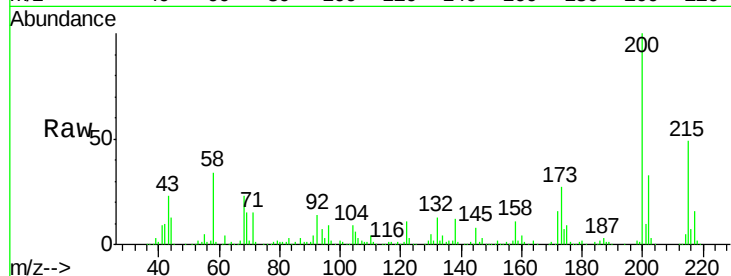
#69
Atrazine
Concen: 47.585 ng
RT: 10.82 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	424774		
173	27.2	7.4	47.4	
215	48.6	27.8	67.8	

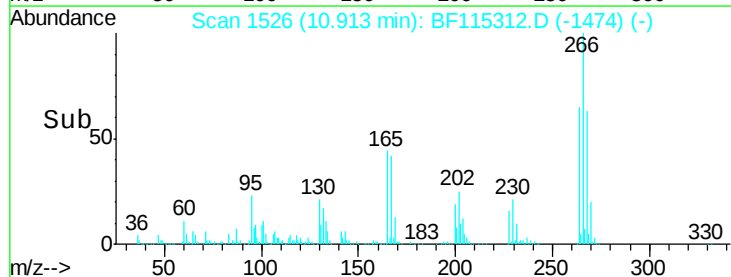
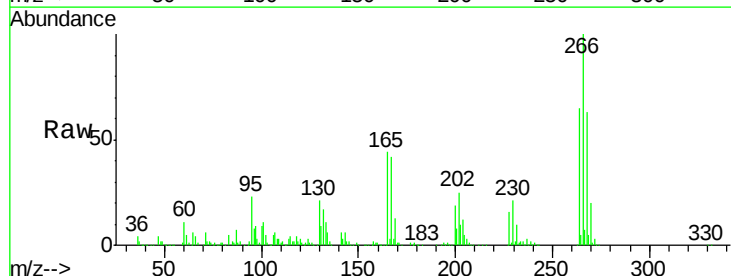
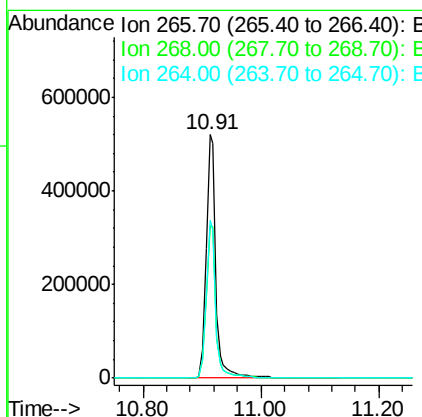
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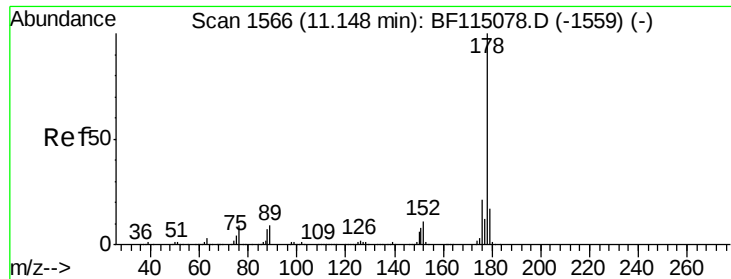
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#70
Pentachlorophenol
Concen: 89.487 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	597586		
268	63.0	49.5	74.3	
264	64.7	49.3	73.9	





#71

Phenanthrene

Concen: 43.335 ng

RT: 11.13 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion:178 Resp: 2078232

Ion Ratio Lower Upper

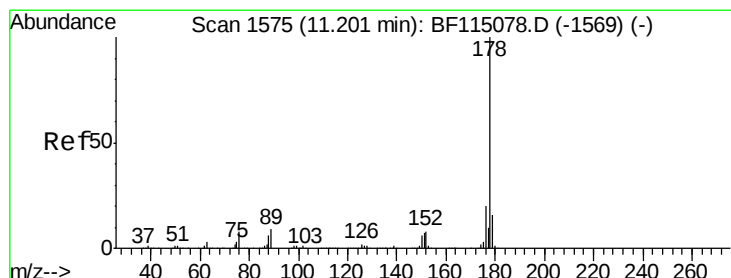
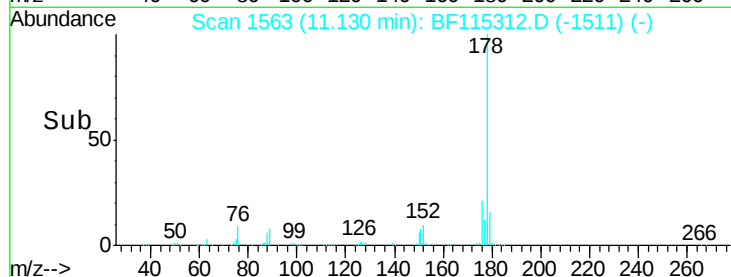
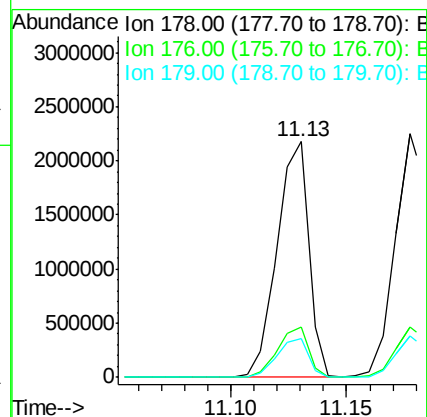
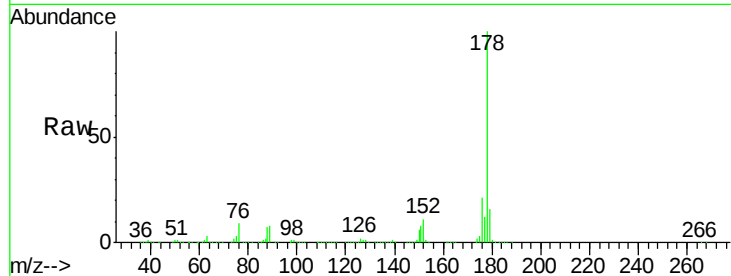
178 100

176 21.2 16.9 25.3

179 16.5 13.2 19.8

Manual Integrations
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#72

Anthracene

Concen: 44.589 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

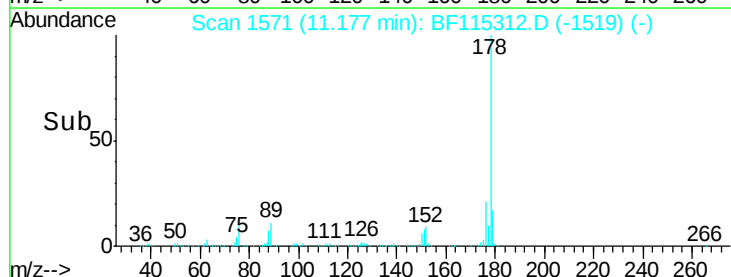
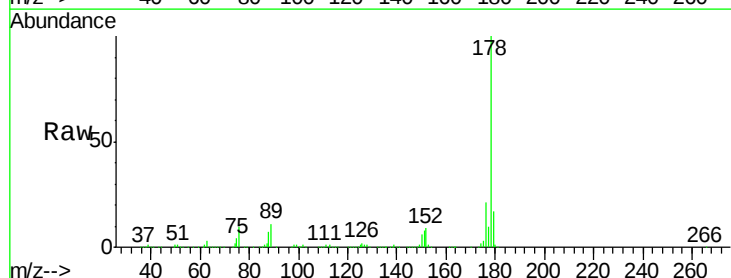
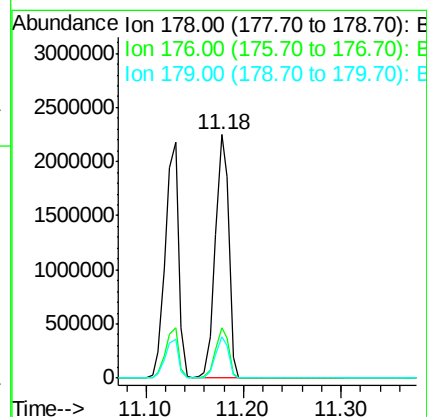
Tgt Ion:178 Resp: 2158535

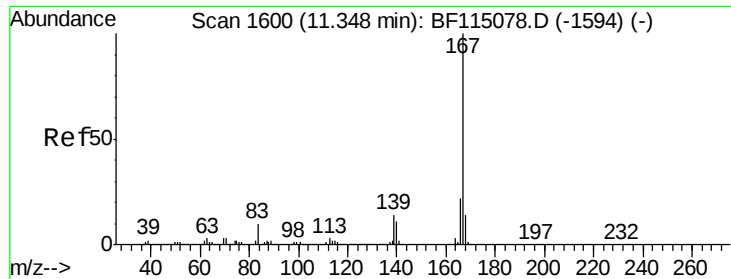
Ion Ratio Lower Upper

178 100

176 20.6 16.1 24.1

179 16.8 12.9 19.3





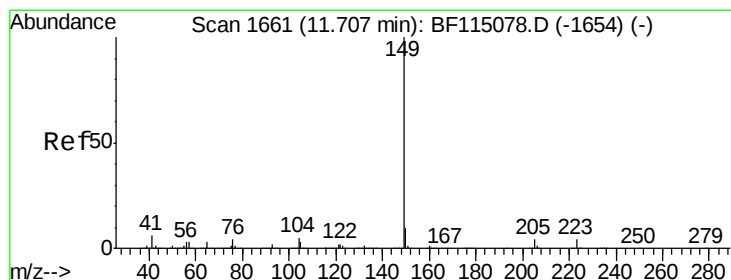
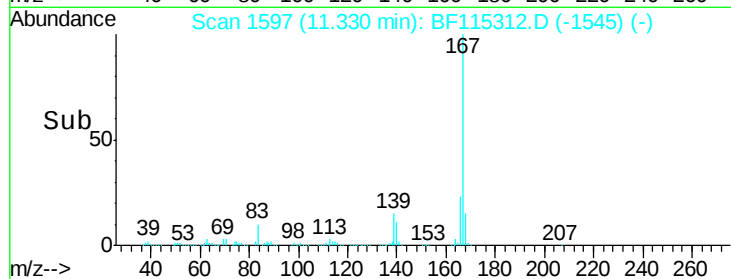
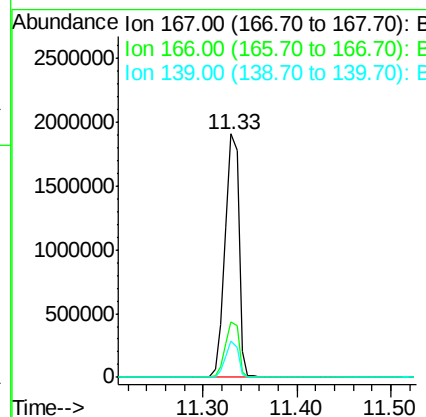
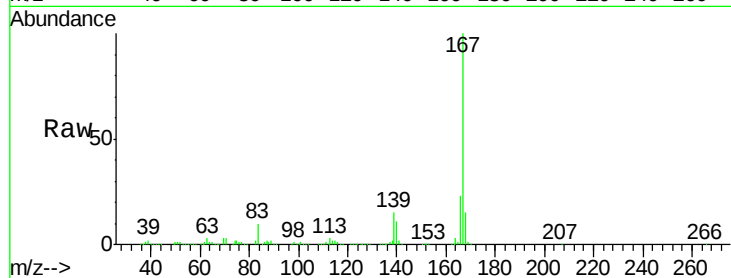
#73
 Carbazole
 Concen: 45.865 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.0	27.0
139	14.7	11.1	16.7

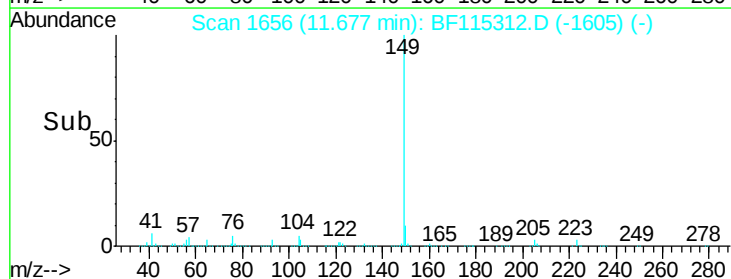
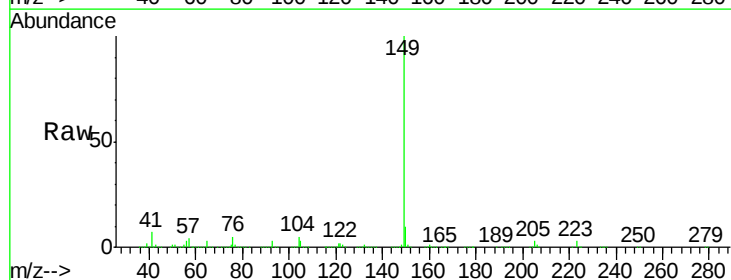
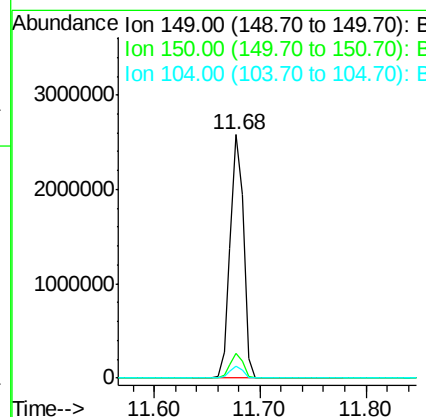
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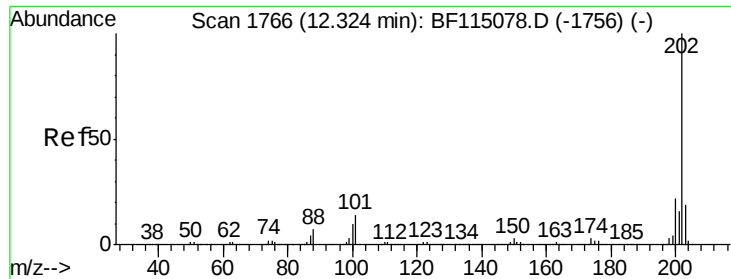
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#74
 Di-n-butylphthalate
 Concen: 45.389 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	3.7	5.5





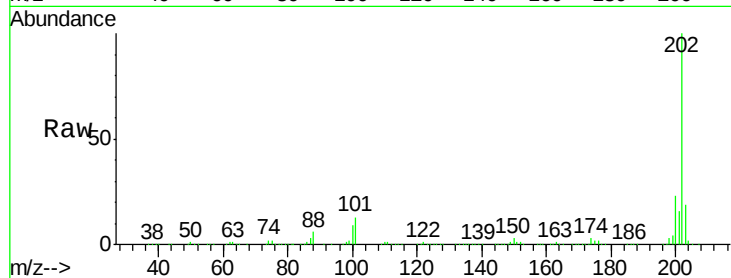
#75
Fluoranthene
Concen: 45.142 ng
RT: 12.31 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2159991		
101	12.6	0.0	34.0	
203	18.9	0.0	38.8	

Manual Integrations
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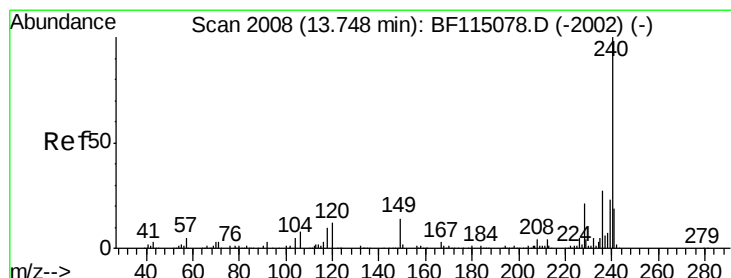
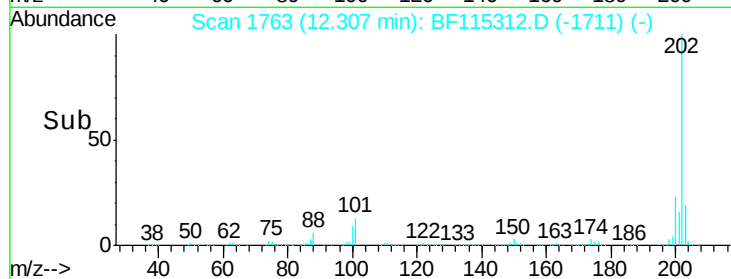
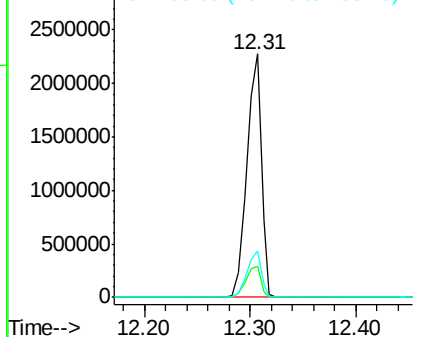


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

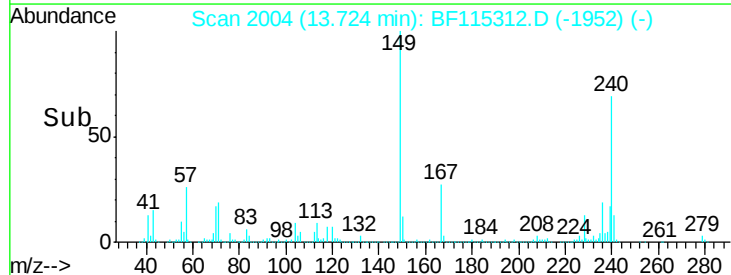
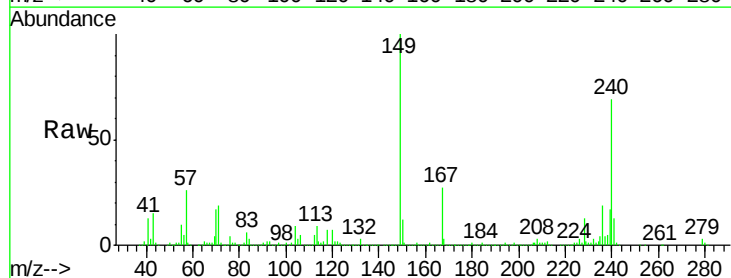
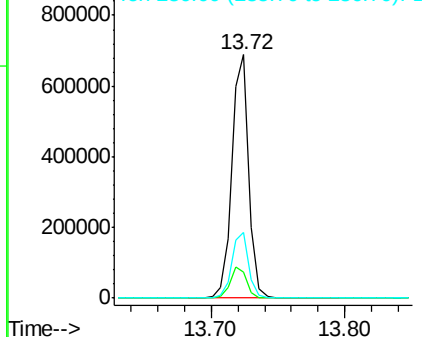
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	609176		
120	10.6	9.4	14.2	
236	26.9	21.7	32.5	

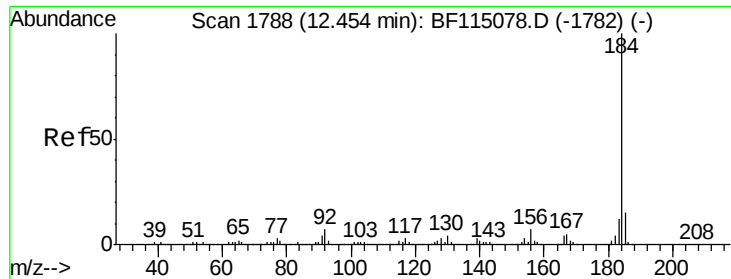
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.267 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

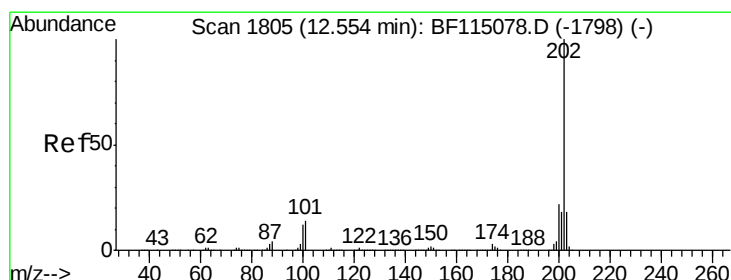
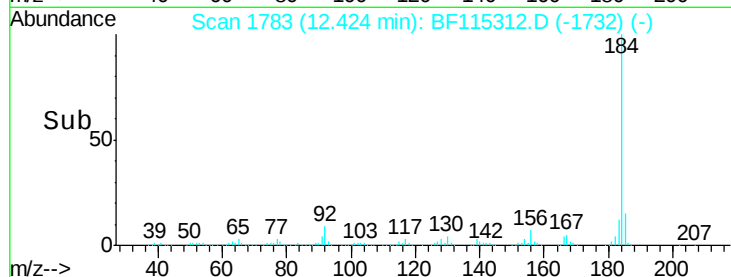
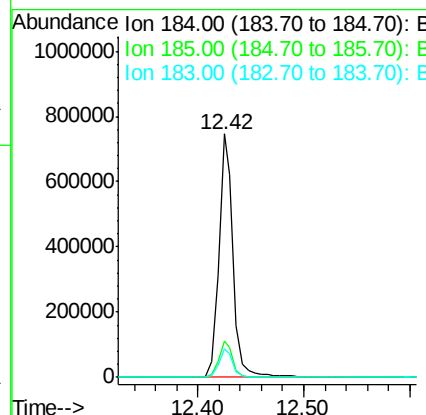
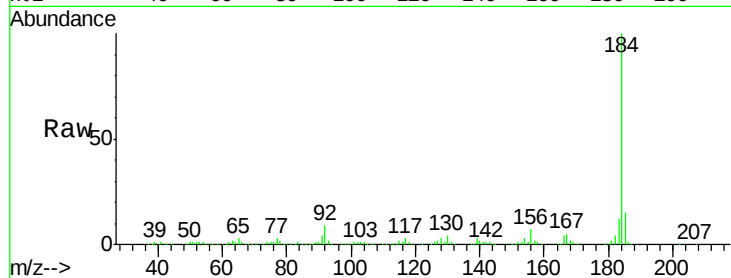
ClientSampleId :

PB120999BS

Tgt Ion:	184	Resp:	710516
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	11.8	9.6	14.4

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#78

Pyrene

Concen: 47.442 ng

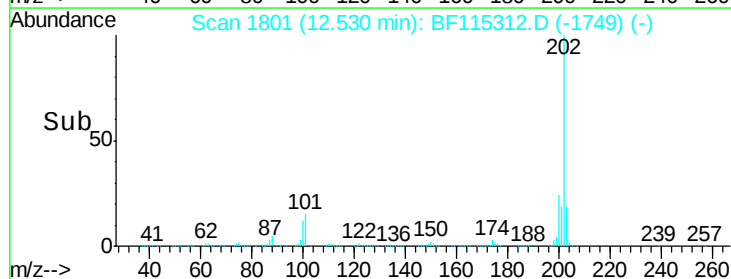
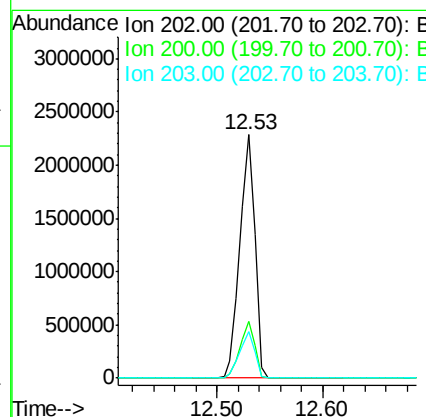
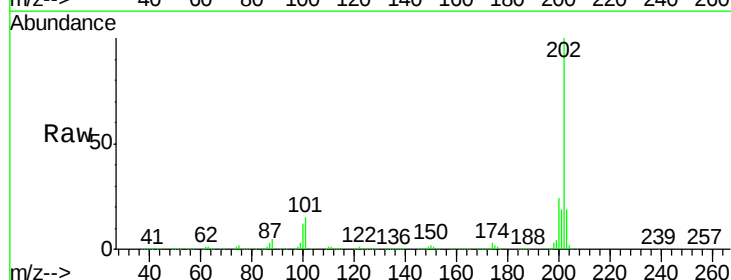
RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Tgt Ion:	202	Resp:	2221032
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.9	26.9
203	19.0	14.6	21.8





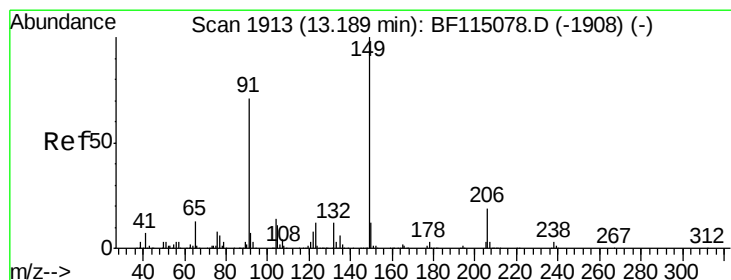
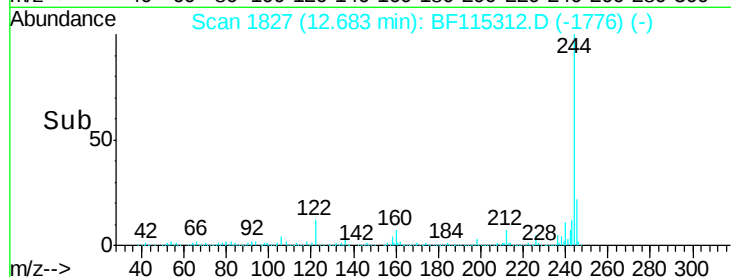
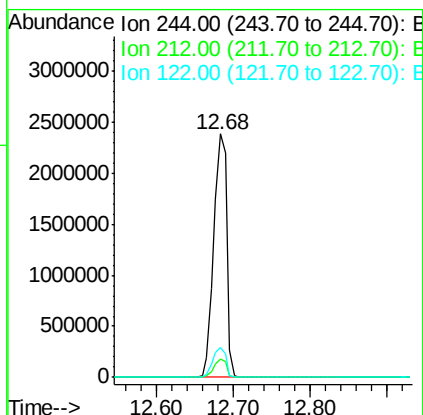
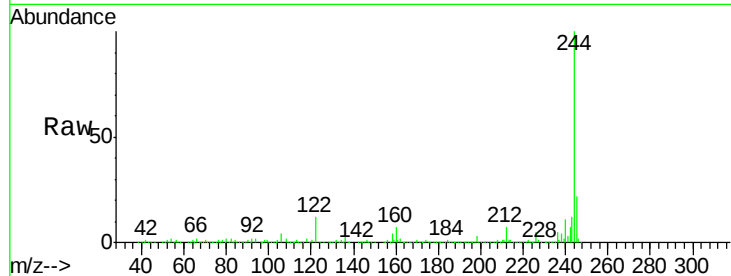
#79
 Terphenyl-d14
 Concen: 95.097 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB120999BS

Tgt Ion:244 Resp: 2724668
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.4 10.4 15.6

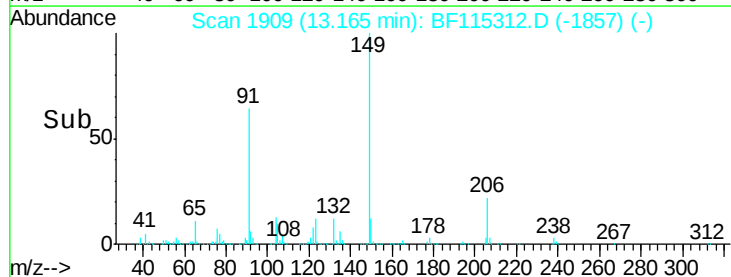
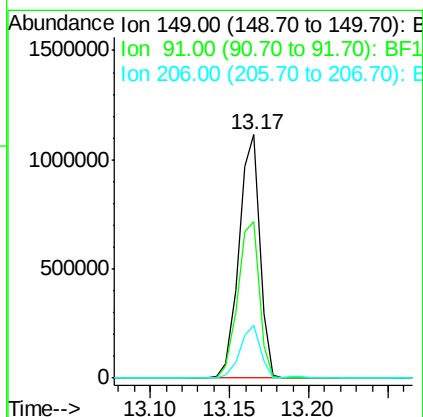
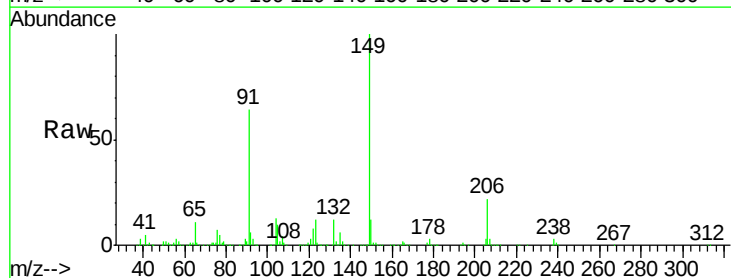
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#80
 Butylbenzylphthalate
 Concen: 48.958 ng
 RT: 13.17 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF115312.D
 Acq: 29 Jun 2019 10:07

Tgt Ion:149 Resp: 1011488
 Ion Ratio Lower Upper
 149 100
 91 64.1 56.5 84.7
 206 21.7 15.3 22.9





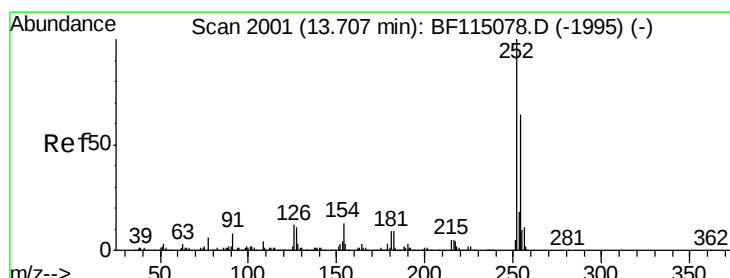
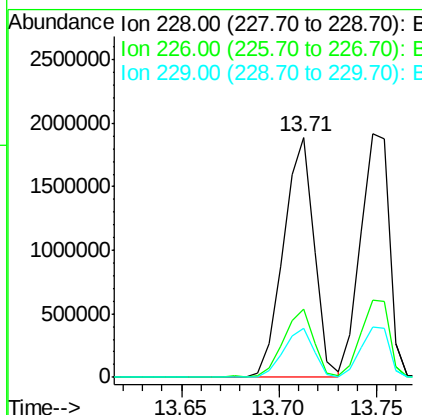
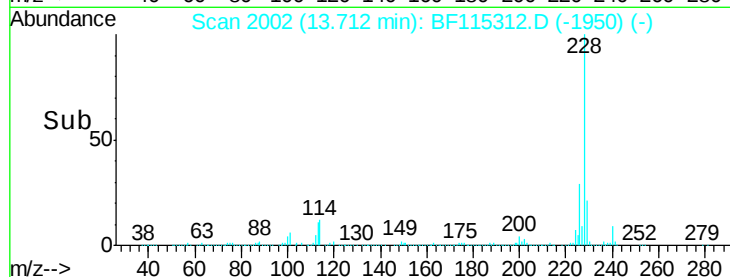
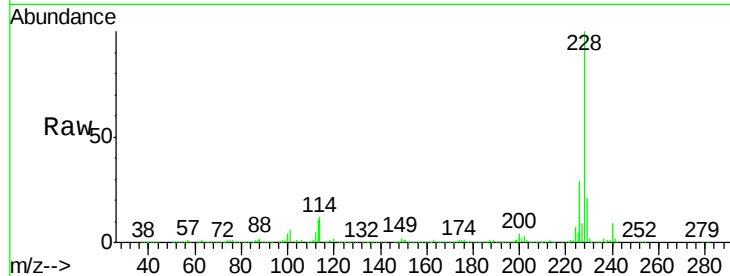
#81
Benzo(a)anthracene
Concen: 46.916 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:228 Resp: 2050699
Ion Ratio Lower Upper
228 100
226 28.6 22.5 33.7
229 20.6 16.6 24.8

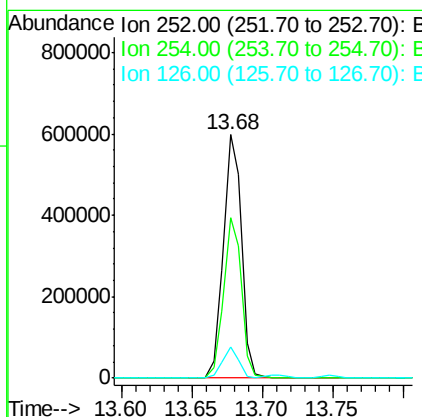
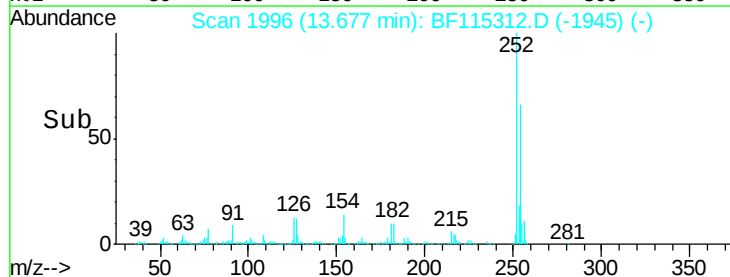
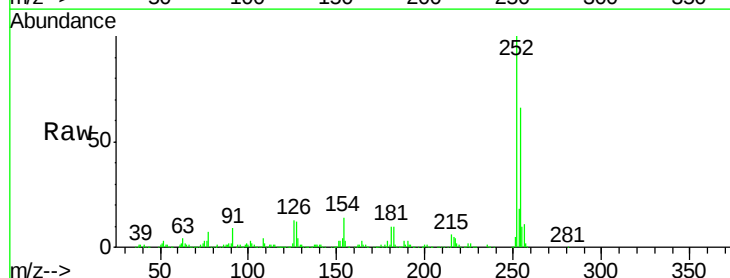
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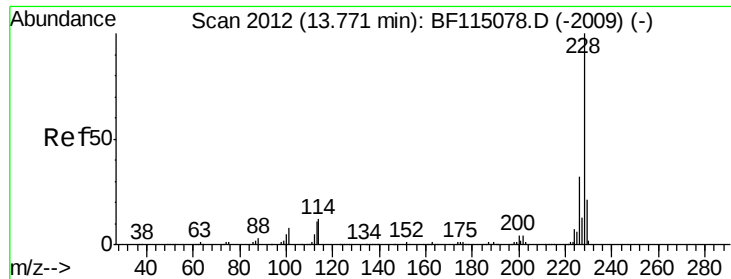
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#82
3,3'-Dichlorobenzidine
Concen: 33.964 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:252 Resp: 536108
Ion Ratio Lower Upper
252 100
254 65.8 51.1 76.7
126 13.0 9.4 14.0





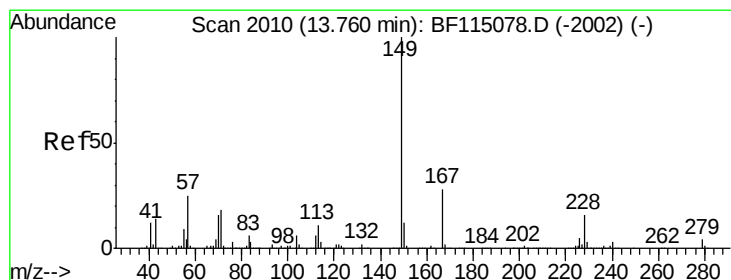
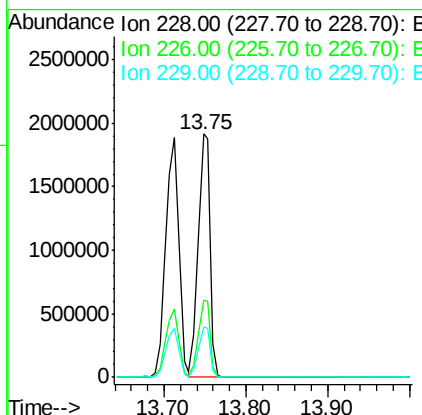
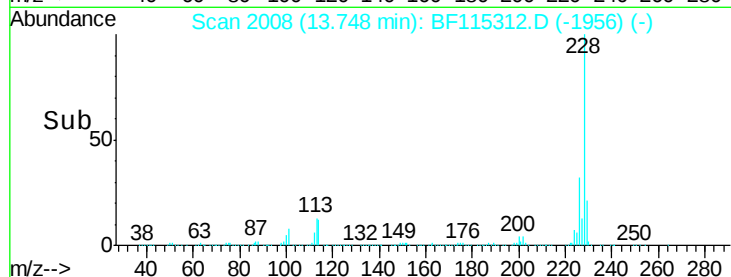
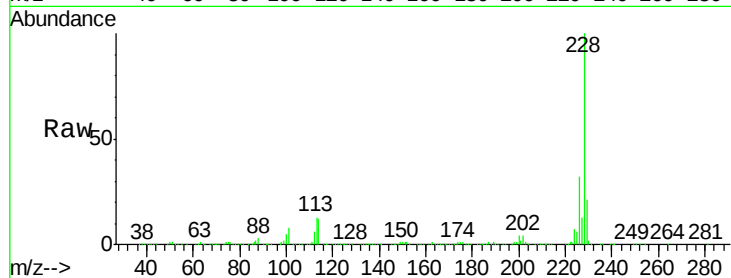
#83
Chrysene
Concen: 49.327 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion:228 Resp: 1975031
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 20.8 16.5 24.7

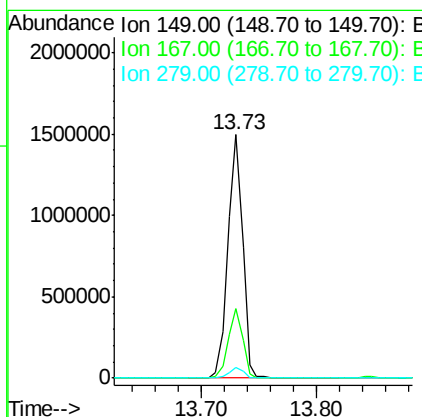
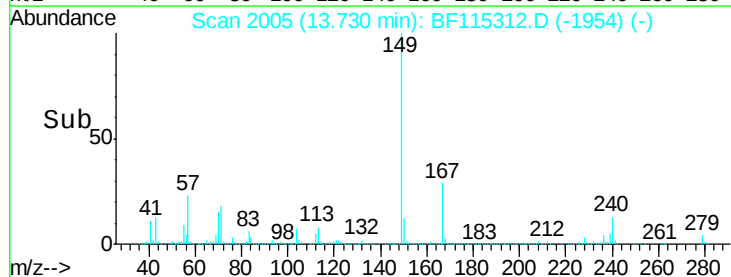
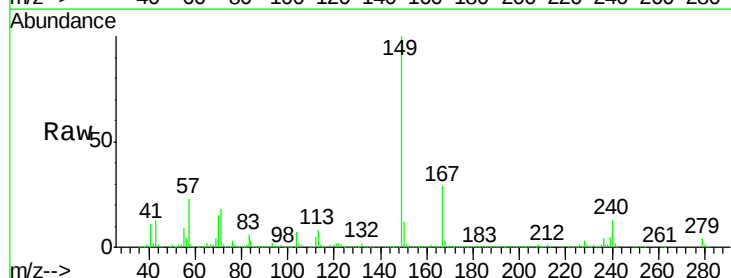
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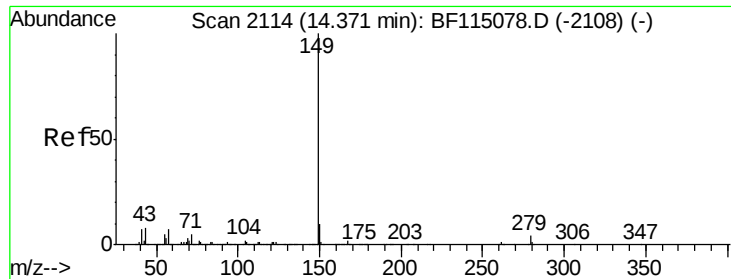
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.596 ng
RT: 13.73 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion:149 Resp: 1315565
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.4
279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 49.664 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion:149 Resp: 2258953

Ion Ratio Lower Upper

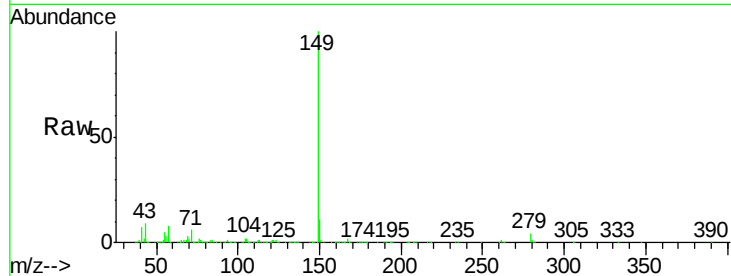
149 100

167 1.6 1.2 1.8

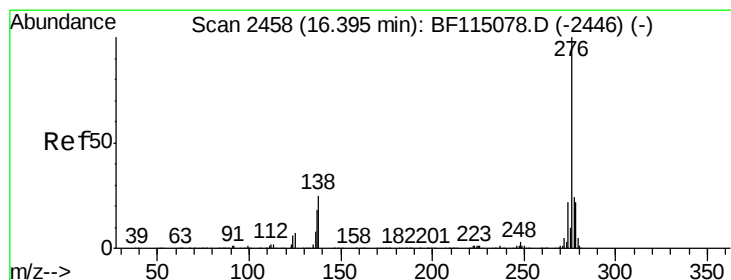
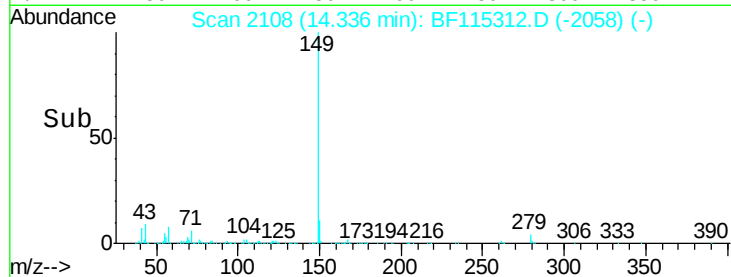
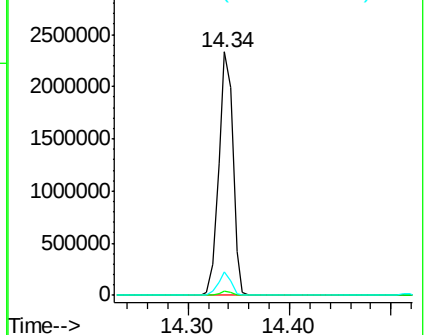
43 8.6 7.0 10.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.508 ng

RT: 16.36 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

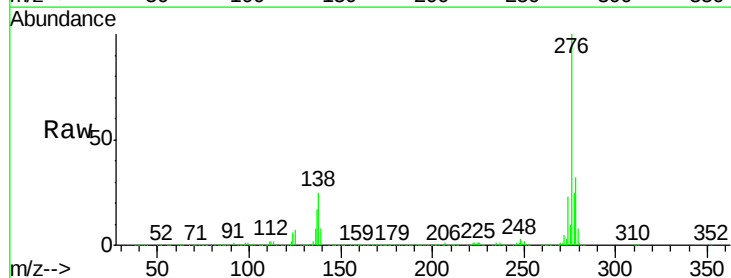
Tgt Ion:276 Resp: 2487764

Ion Ratio Lower Upper

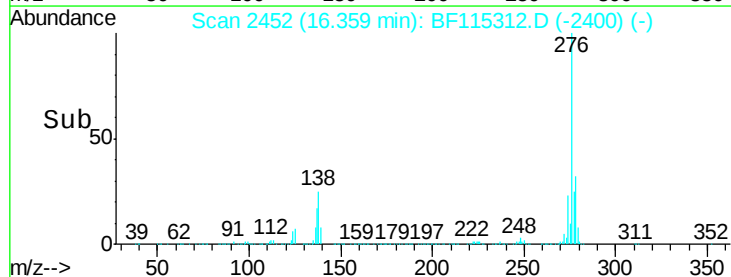
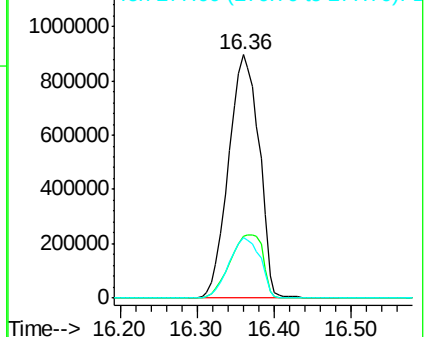
276 100

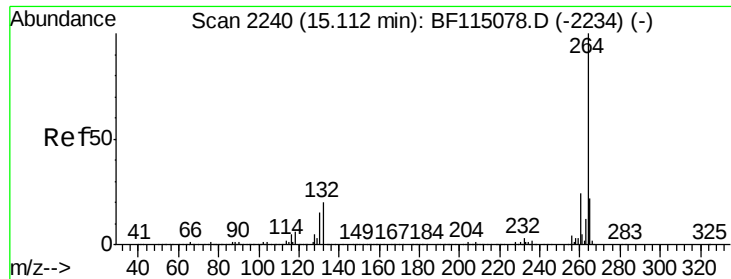
138 28.2 23.2 34.8

277 25.6 20.1 30.1



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





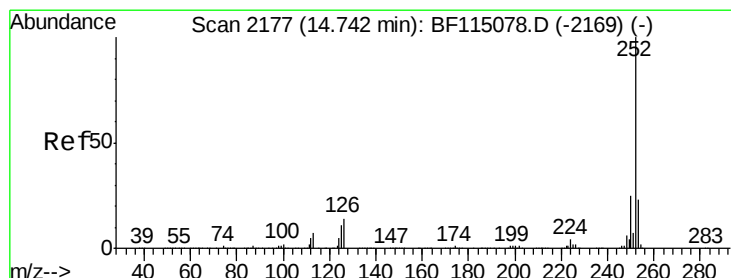
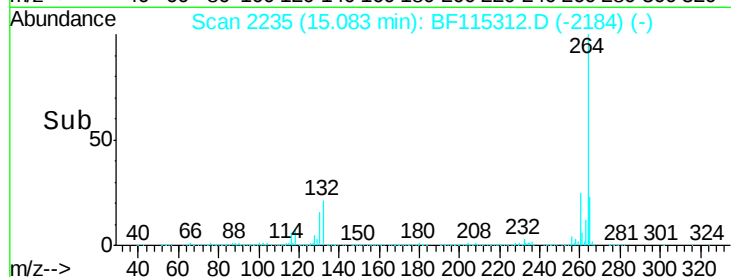
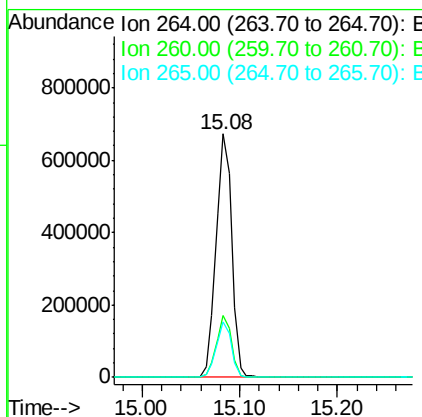
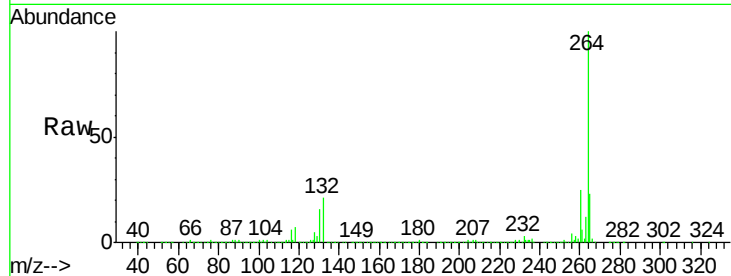
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	22.6	17.3	25.9

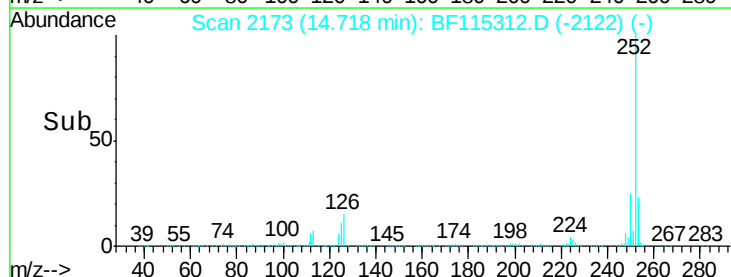
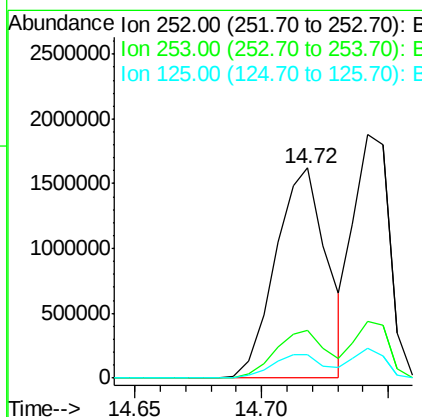
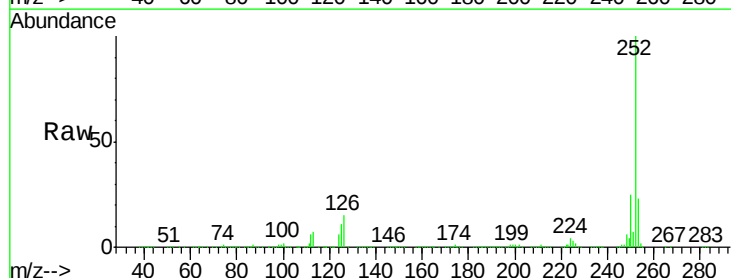
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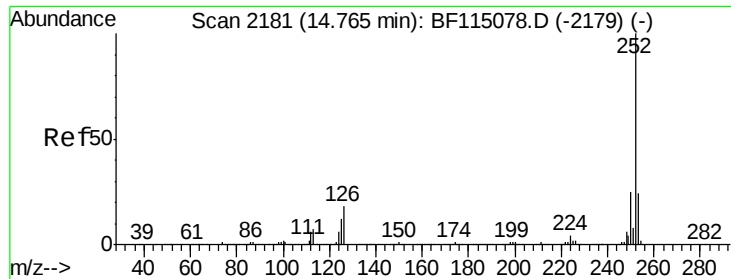
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#88
Benzo(b)fluoranthene
Concen: 48.675 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.2	8.7	13.1





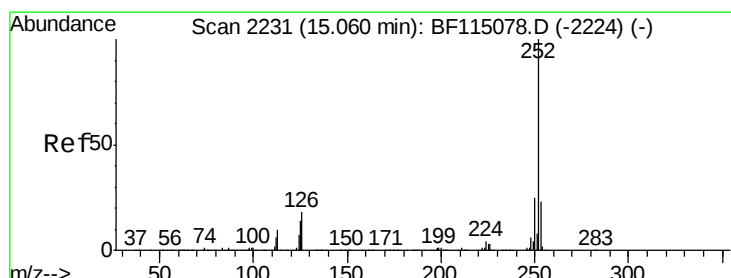
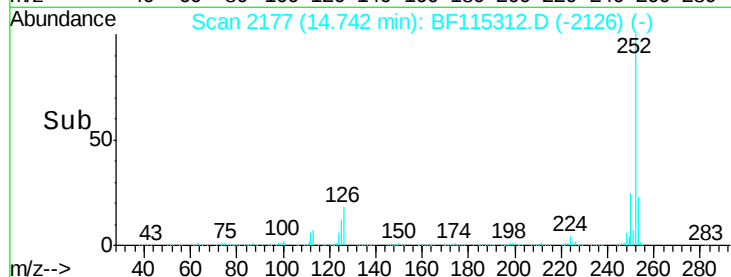
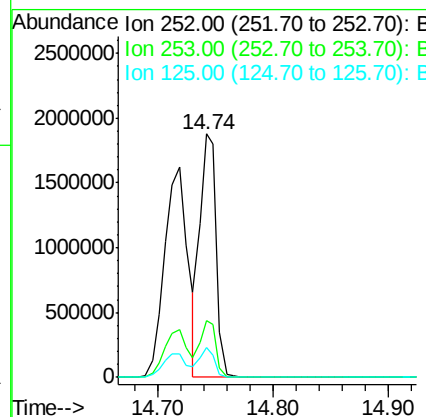
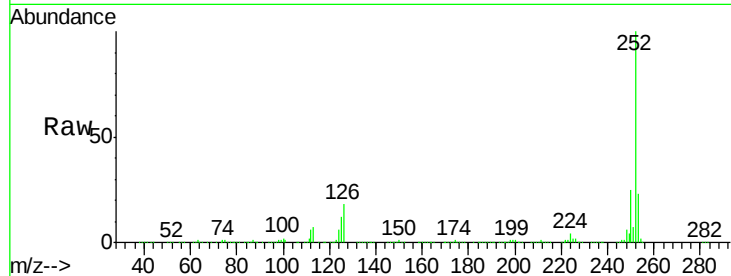
#89
Benzo(k)fluoranthene
Concen: 44.375 ng
RT: 14.74 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Instrument :
BNA_F
ClientSampleId :
PB120999BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	12.2	10.2	15.2

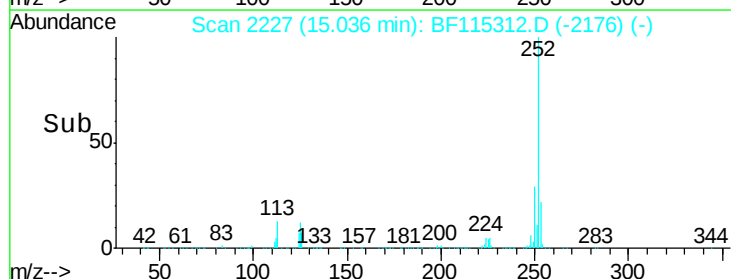
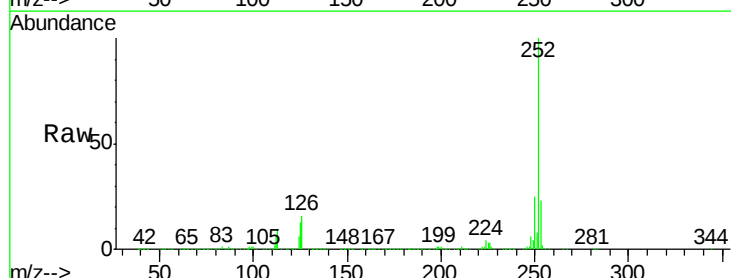
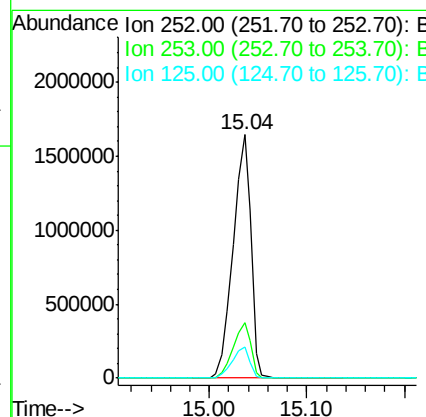
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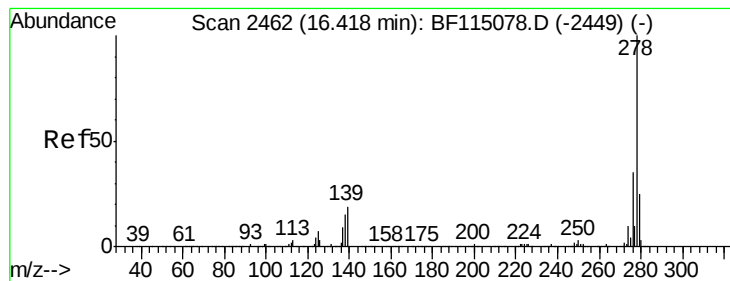
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#90
Benzo(a)pyrene
Concen: 49.340 ng
RT: 15.04 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF115312.D
Acq: 29 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	12.8	10.9	16.3





#91

Dibenzo(a,h)anthracene

Concen: 50.950 ng

RT: 16.38 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

Instrument :

BNA_F

ClientSampleId :

PB120999BS

Tgt Ion:278 Resp: 2010135

Ion Ratio Lower Upper

278 100

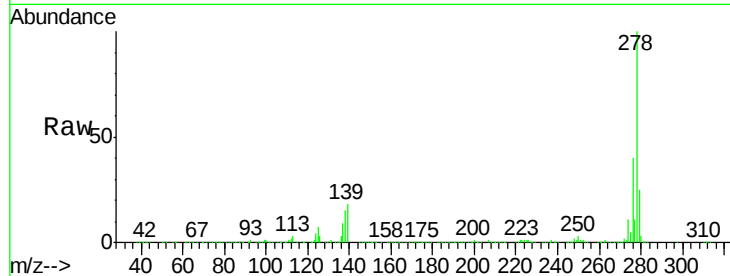
139 17.9 15.4 23.2

279 24.5 19.9 29.9

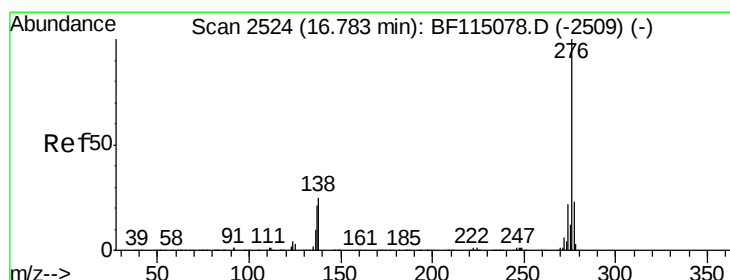
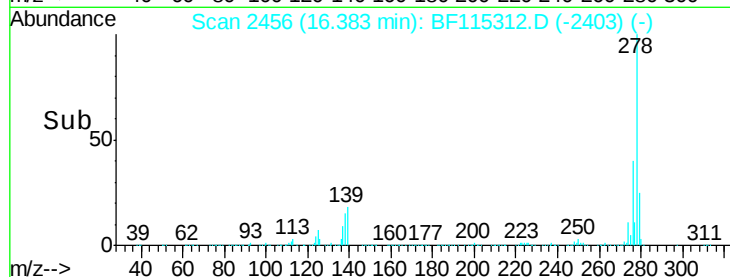
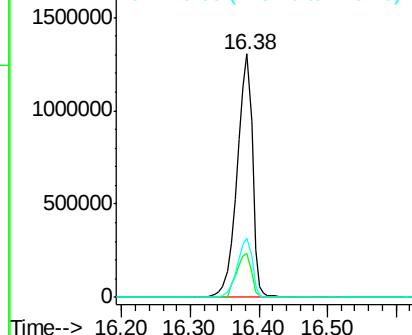
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.692 ng

RT: 16.75 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF115312.D

Acq: 29 Jun 2019 10:07

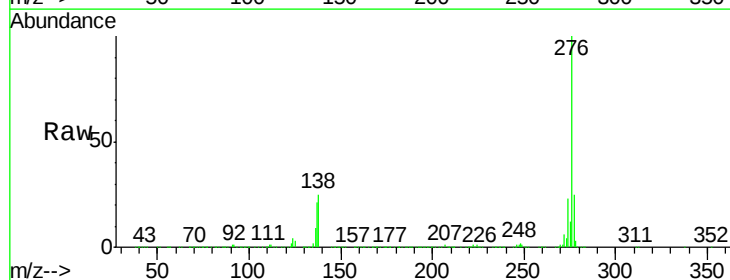
Tgt Ion:276 Resp: 2143981

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 25.0 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

