

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115097.D
 Acq On : 22 Jun 2019 00:04
 Operator : HP/JU
 Sample : PB120612BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

Manual Integrations
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mohammad
 6/25/2019 12:41:29 PM

Quant Time: Jun 22 05:23:17 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 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	240579	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	954401	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	476697	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	919138	20.00	ng	0.00
76) Chrysene-d12	13.74	240	669873	20.00	ng	0.00
87) Perylene-d12	15.11	264	777870	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1706656	109.47	ng	0.02
7) Phenol-d6	6.26	99	2082505	110.06	ng	0.00
23) Nitrobenzene-d5	7.18	82	1283303	82.71	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	598888	119.14	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2470027	88.01	ng	0.00
79) Terphenyl-d14	12.71	244	2578086	81.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	294179	39.983	ng	99
3) Pyridine	2.94	79	809138	39.018	ng	100
4) n-Nitrosodimethylamine	2.89	42	327207	40.249	ng	98
6) Aniline	6.27	93	708023	27.225	ng	# 7
8) 2-Chlorophenol	6.40	128	745055	42.502	ng	99
9) Benzaldehyde	6.15	77	112792	9.137	ng	96
10) Phenol	6.27	94	873102	39.391	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	679916	41.614	ng	99
12) 1,3-Dichlorobenzene	6.55	146	797955	41.015	ng	99
13) 1,4-Dichlorobenzene	6.63	146	806516	41.341	ng	99
14) 1,2-Dichlorobenzene	6.78	146	750026	41.514	ng	98
15) Benzyl Alcohol	6.76	79	564945	41.001	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	985917	41.604	ng	100
17) 2-Methylphenol	6.88	107	614789	42.488	ng	98
18) Hexachloroethane	7.13	117	291487	41.444	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	484501	39.994	ng	99
20) 3+4-Methylphenols	7.03	107	709906	42.489	ng	95
22) Acetophenone	7.02	105	984630	45.064	ng	# 99
24) Nitrobenzene	7.20	77	746813	43.693	ng	100
25) Isophorone	7.44	82	1394336	43.871	ng	100
26) 2-Nitrophenol	7.51	139	398536	47.215	ng	97
27) 2,4-Dimethylphenol	7.56	122	688457	49.815	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	873040	43.461	ng	98
29) 2,4-Dichlorophenol	7.75	162	644523	45.190	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	697791	44.293	ng	99
31) Naphthalene	7.92	128	2102980	44.888	ng	100
32) Benzoic acid	7.70	122	505106	51.201	ng	99
33) 4-Chloroaniline	7.97	127	497822	23.251	ng	99
34) Hexachlorobutadiene	8.05	225	374440	43.372	ng	98
35) Caprolactam	8.34	113	207793m	43.334	ng	
36) 4-Chloro-3-methylphenol	8.46	107	642869	44.508	ng	94
37) 2-Methylnaphthalene	8.61	142	1446059	45.778	ng	98
38) 1-Methylnaphthalene	8.71	142	1381333	45.787	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	581372	43.158	ng	99

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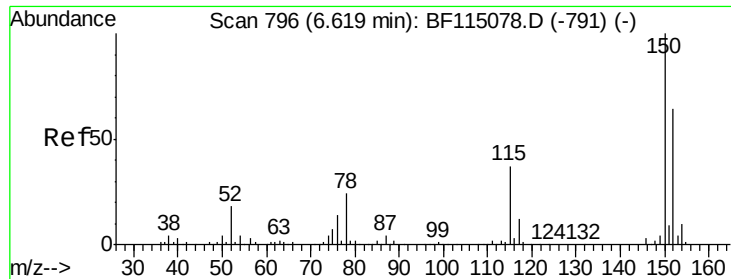
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	751186	94.044	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	462033	44.427	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	483057	45.104	ng	100
46) 1,1'-Biphenyl	9.08	154	1671591	43.825	ng	99
47) 2-Chloronaphthalene	9.10	162	1335870	43.177	ng	98
48) 2-Nitroaniline	9.19	65	386318	42.828	ng	93
49) Acenaphthylene	9.51	152	2115152	43.878	ng	99
50) Dimethylphthalate	9.38	163	1518061	43.285	ng	100
51) 2,6-Dinitrotoluene	9.44	165	366874	45.310	ng	91
52) Acenaphthene	9.68	154	1281105	42.471	ng	99
53) 3-Nitroaniline	9.60	138	268244	27.148	ng	100
54) 2,4-Dinitrophenol	9.70	184	381487	90.501	ng	93
55) Dibenzofuran	9.85	168	1826906	42.198	ng	99
56) 4-Nitrophenol	9.77	139	653639	82.514	ng	95
57) 2,4-Dinitrotoluene	9.84	165	481214	46.028	ng	97
58) Fluorene	10.20	166	1274018	44.062	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	418195	46.568	ng	100
60) Diethylphthalate	10.08	149	1543777	43.790	ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	612138	44.633	ng	98
62) 4-Nitroaniline	10.21	138	406859	41.045	ng	99
63) Azobenzene	10.35	77	1444155	43.857	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	224715	46.160	ng	80
66) n-Nitrosodiphenylamine	10.31	169	1290752	45.075	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	441502	44.304	ng	96
68) Hexachlorobenzene	10.74	284	470712	43.517	ng	94
69) Atrazine	10.84	200	405309	44.000	ng	99
70) Pentachlorophenol	10.93	266	566432	82.198	ng	98
71) Phenanthrene	11.14	178	2083461	42.101	ng	100
72) Anthracene	11.20	178	2153637	43.112	ng	98
73) Carbazole	11.35	167	1930570	43.279	ng	99
74) Di-n-butylphthalate	11.70	149	2287088	44.369	ng	99
75) Fluoranthene	12.32	202	2142649	43.395	ng	98
77) Benzidine	12.45	184	1000437	33.634	ng	100
78) Pyrene	12.55	202	2196681	42.670	ng	98
80) Butylbenzylphthalate	13.19	149	1033833	45.506	ng	94
81) Benzo(a)anthracene	13.73	228	2013425	41.889	ng	100
82) 3,3'-Dichlorobenzidine	13.70	252	536733	30.923	ng	97
83) Chrysene	13.77	228	1844526	41.893	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1349396	45.329	ng	100
85) Di-n-octyl phthalate	14.37	149	2338201	46.749	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2345732	45.024	ng	100
88) Benzo(b)fluoranthene	14.74	252	2174079	44.792	ng	99
89) Benzo(k)fluoranthene	14.77	252	1876295	43.106	ng	98
90) Benzo(a)pyrene	15.06	252	2021260	46.203	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1907137	46.697	ng	99
92) Benzo(g,h,i)perylene	16.78	276	1961544	47.454	ng	99

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



#1

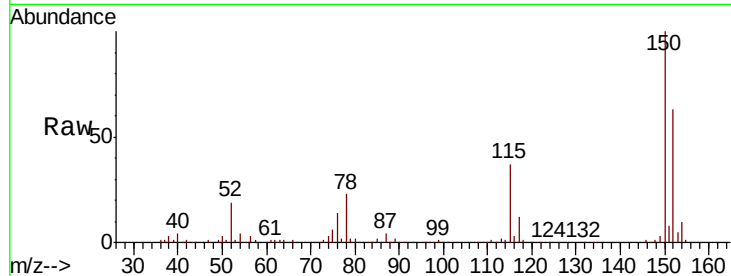
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.2	186.2
115	58.6	46.1	69.1

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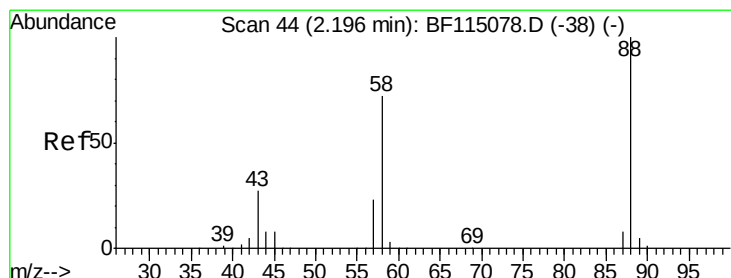
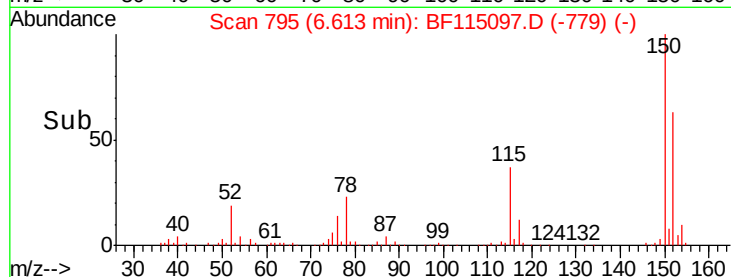
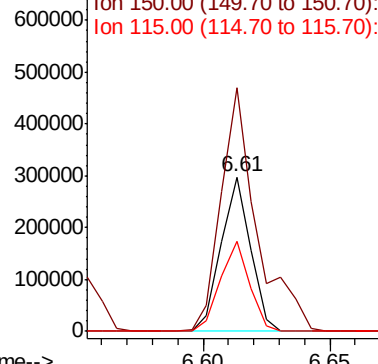


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.983 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

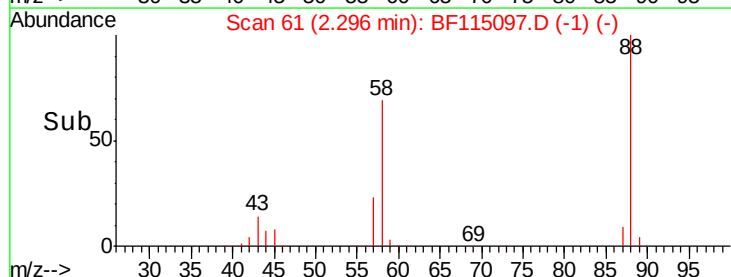
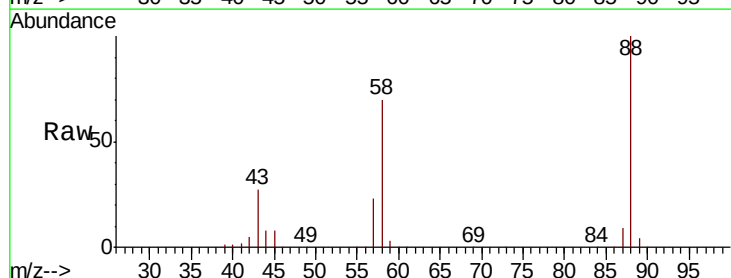
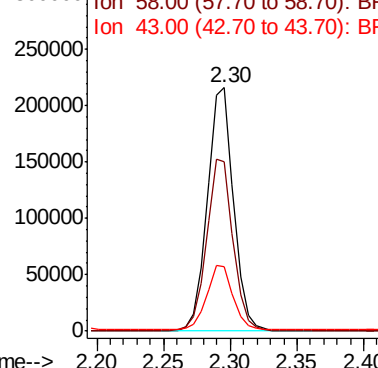
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	56.1	84.1
43	26.7	21.3	31.9

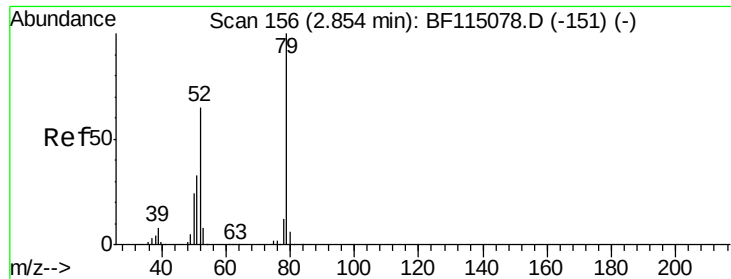
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.018 ng

RT: 2.94 min Scan# 171

Delta R.T. 0.09 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

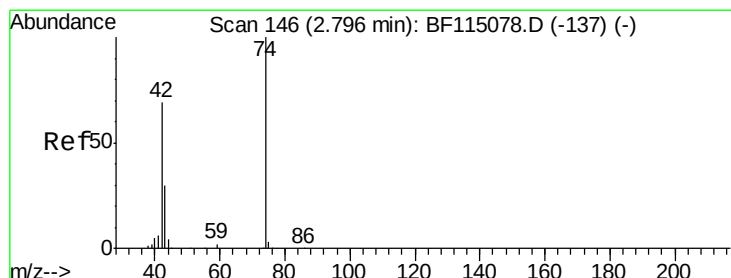
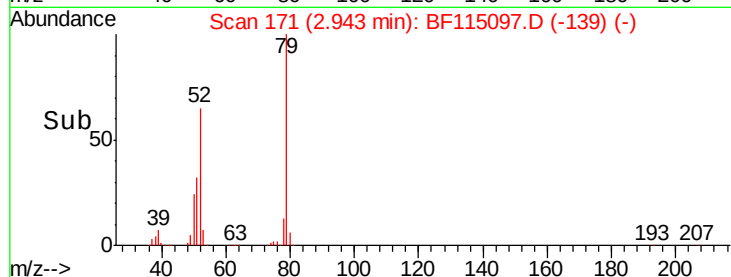
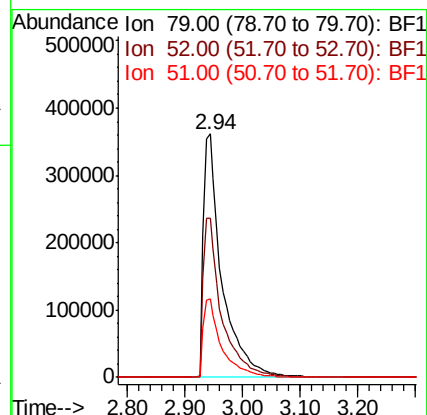
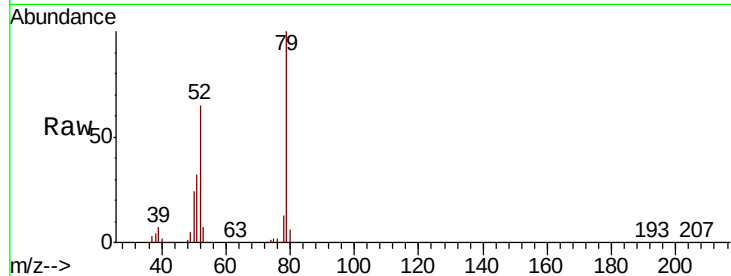
ClientSampleId :

PB120612BSD

Tot Ion:	79	Resp:	809138
Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.3	78.5
51	32.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 40.249 ng

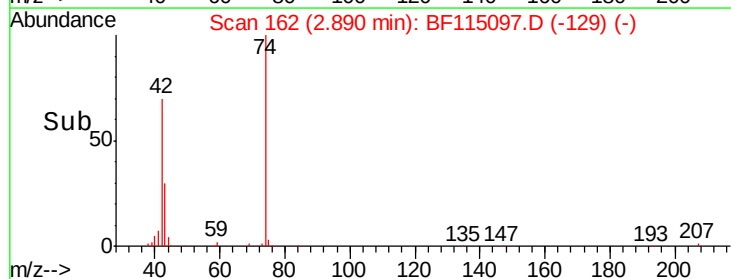
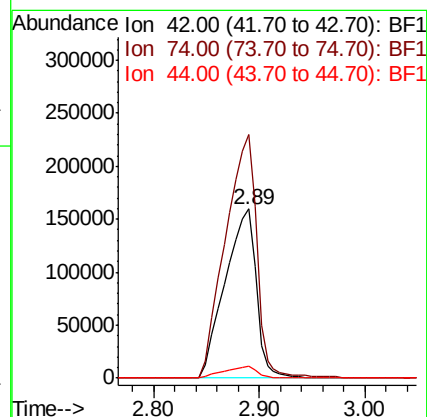
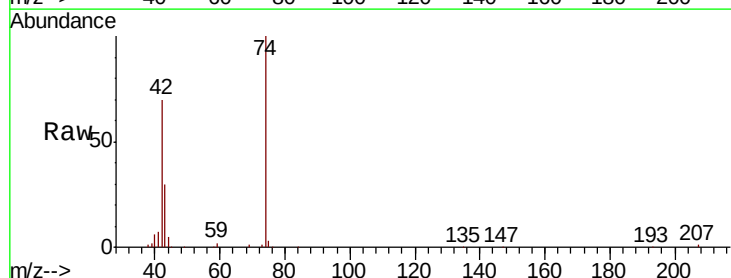
RT: 2.89 min Scan# 162

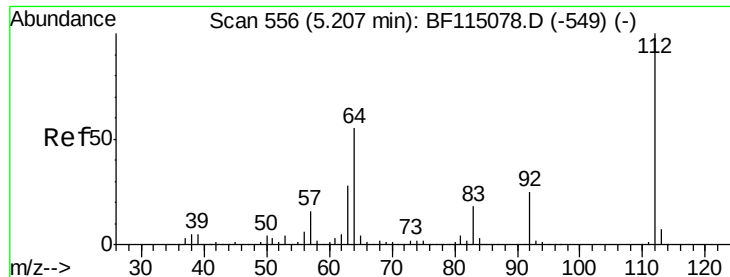
Delta R.T. 0.09 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:	42	Resp:	327207
Ion	Ratio	Lower	Upper
42	100		
74	143.8	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 109.472 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

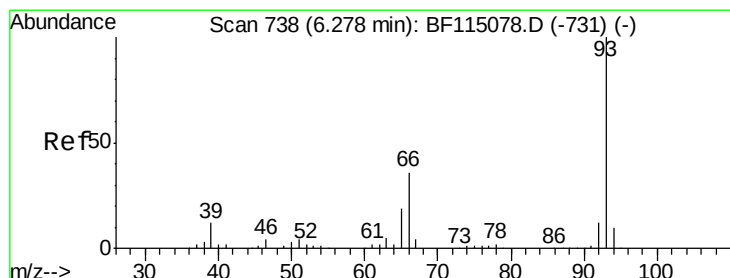
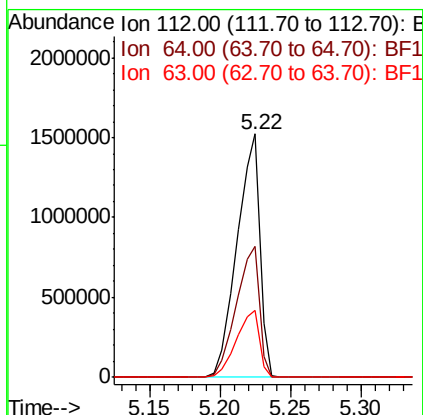
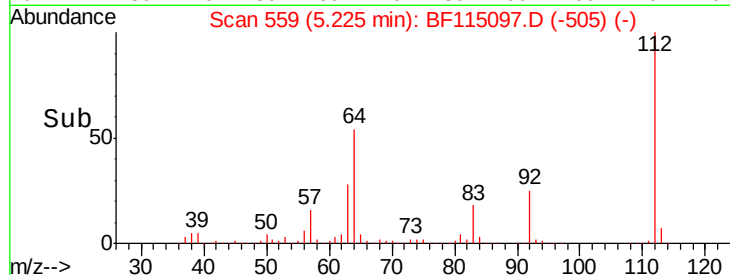
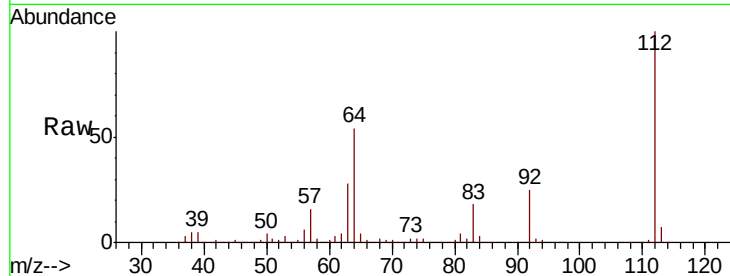
ClientSampleId :

PB120612BSD

Tot Ion:	112	Resp:	1706656
Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.8	65.6
63	27.6	22.2	33.4

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#6

Aniline

Concen: 27.225 ng

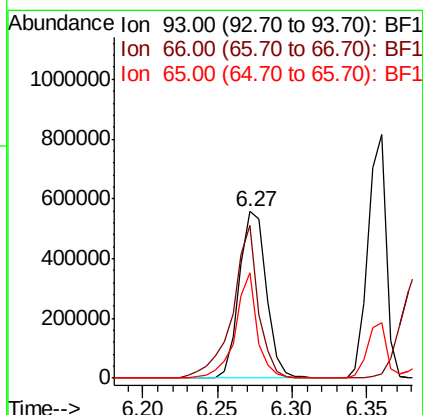
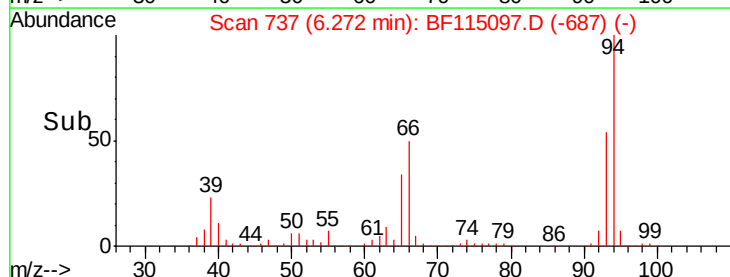
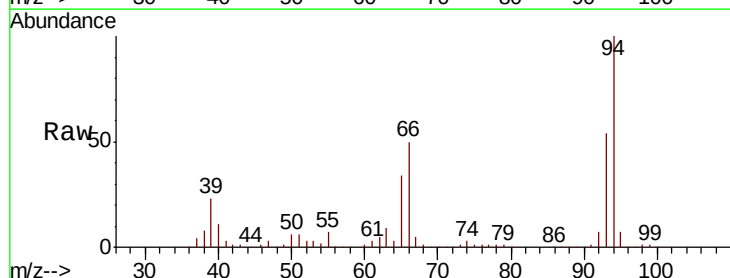
RT: 6.27 min Scan# 737

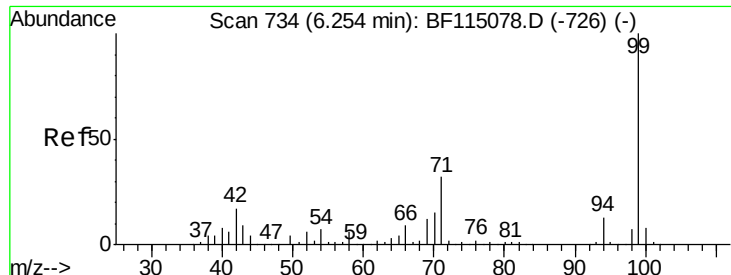
Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:	93	Resp:	708023
Ion	Ratio	Lower	Upper
93	100		
66	91.9	30.0	45.0#
65	63.3	15.6	23.4#





#7

Phenol-d6

Concen: 110.055 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

PB120612BSD

Tot Ion: 99 Resp: 2082505

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

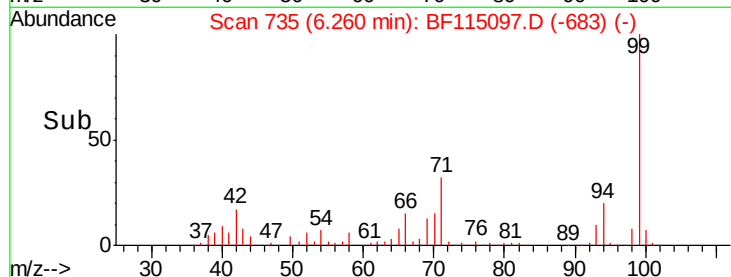
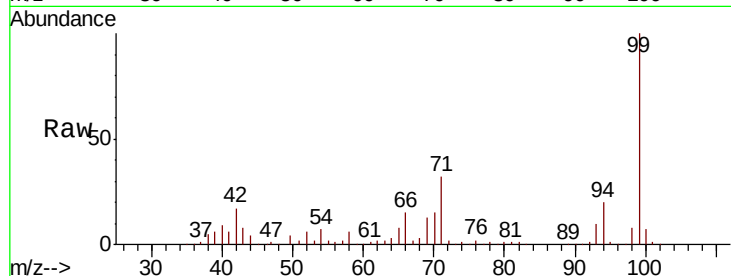
71 32.2 25.5 38.3

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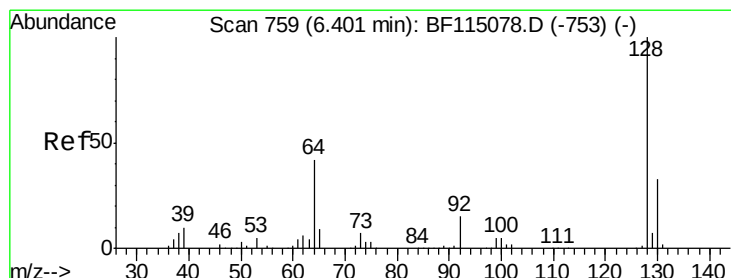
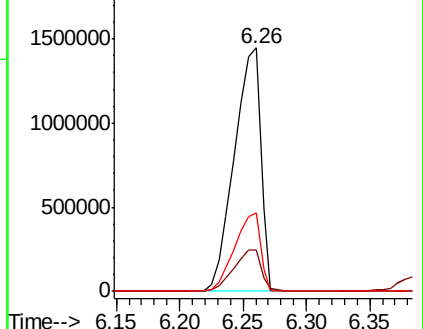
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.502 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

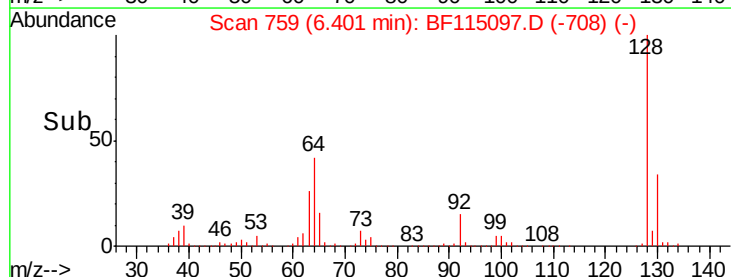
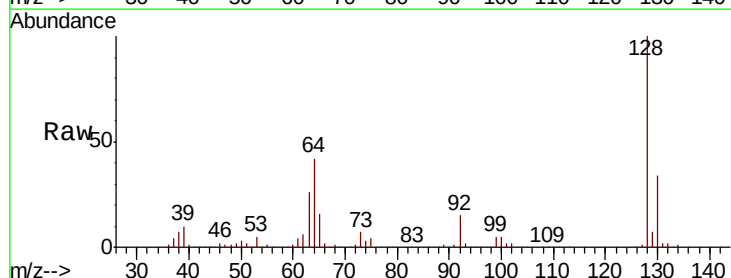
Tgt Ion: 128 Resp: 745055

Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

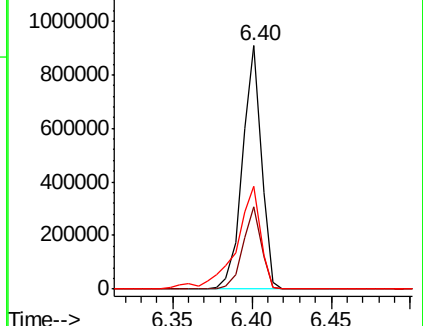
64 42.0 22.9 62.9

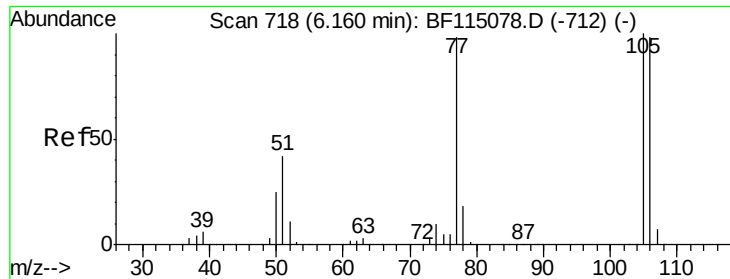


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.137 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

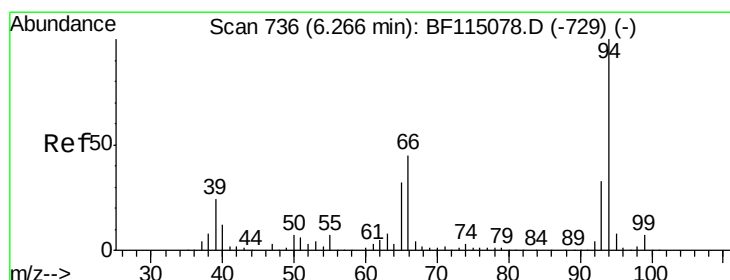
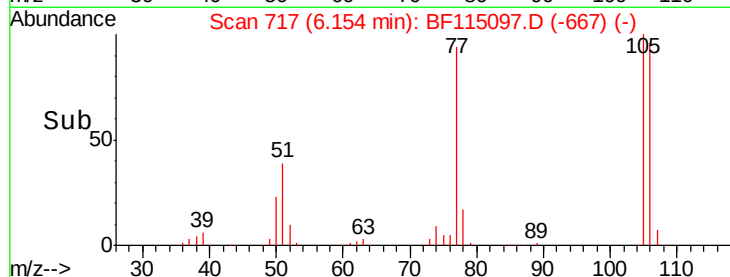
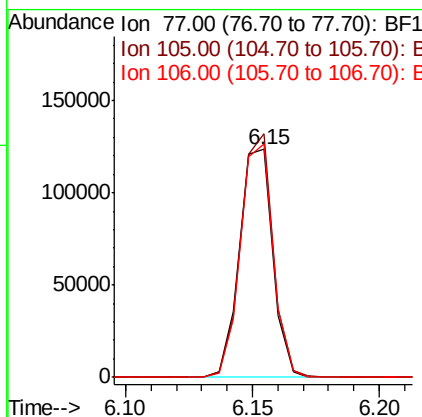
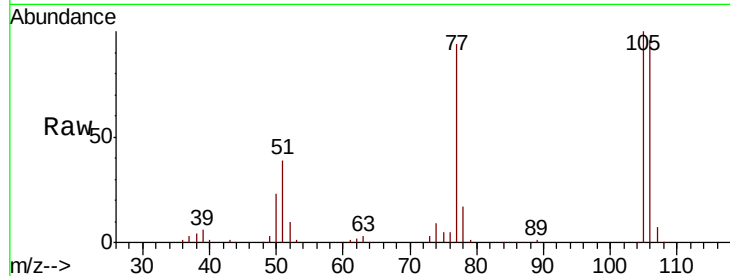
ClientSampleId :

PB120612BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.8	81.5	121.5
106	102.4	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 39.391 ng

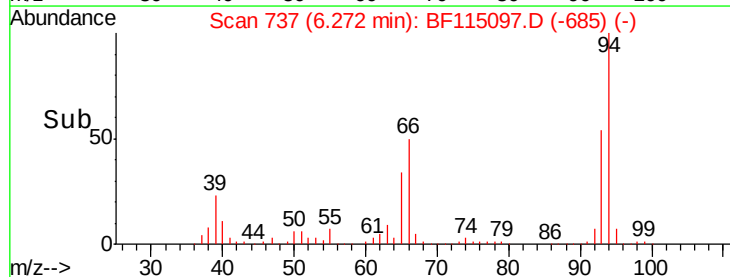
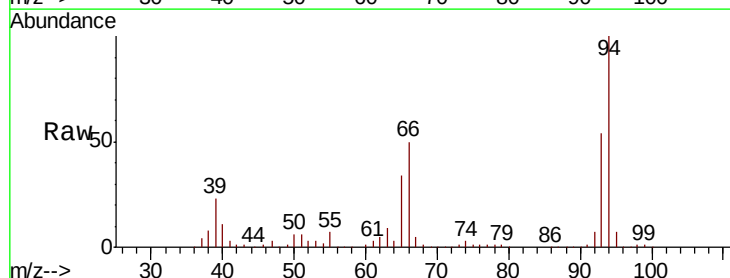
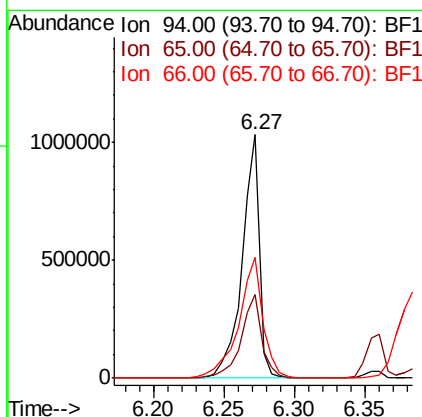
RT: 6.27 min Scan# 737

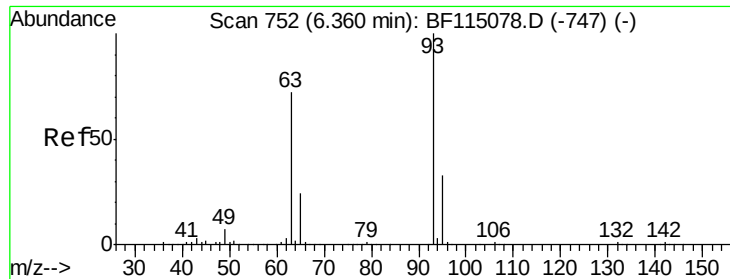
Delta R.T. 0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	11.9	51.9
66	49.5	25.2	65.2





#11

bis(2-Chloroethyl)ether

Concen: 41.614 ng

RT: 6.36 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

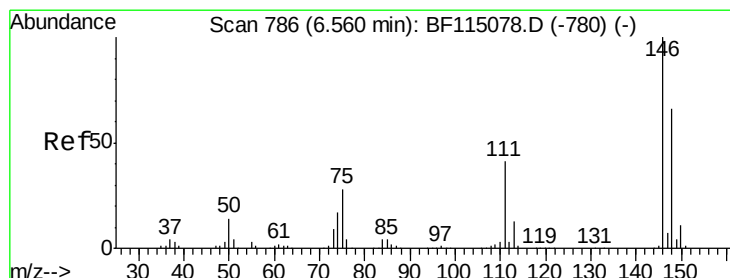
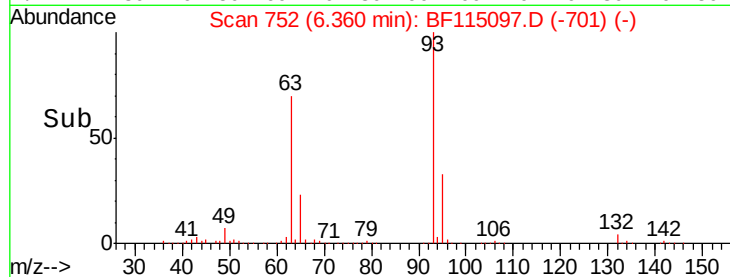
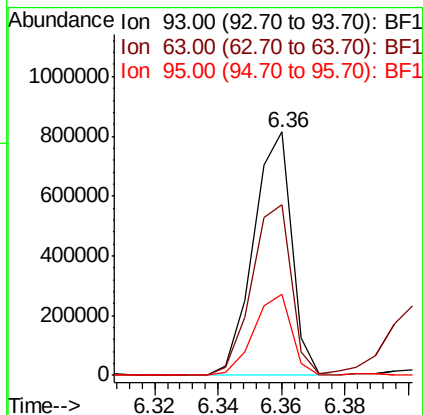
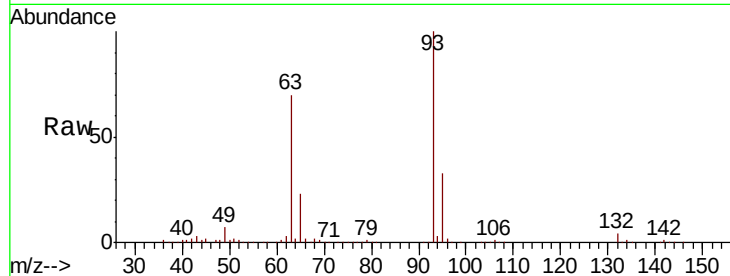
ClientSampleId :

PB120612BSD

Tot Ion:	93	Resp:	679916
Ion	Ratio	Lower	Upper
93	100		
63	70.3	51.5	91.5
95	33.2	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 41.015 ng

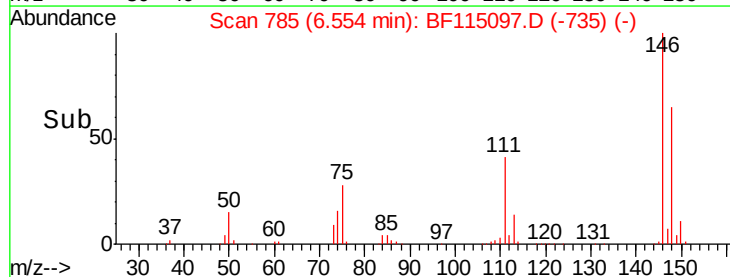
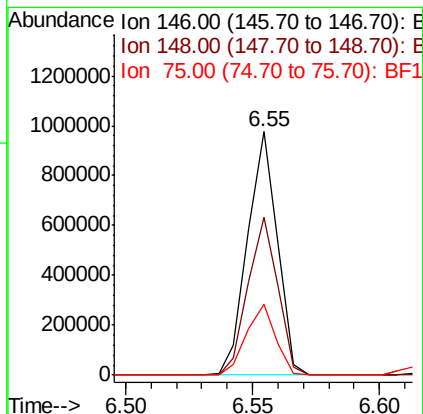
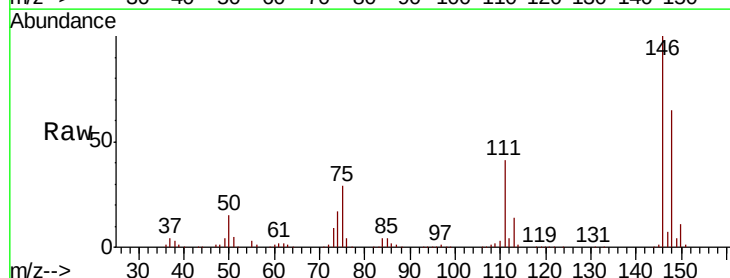
RT: 6.55 min Scan# 785

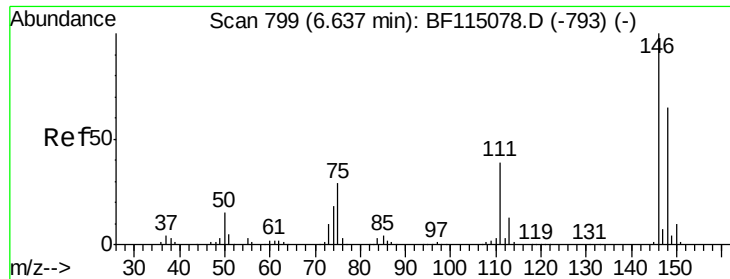
Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:	146	Resp:	797955
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
75	28.9	22.6	34.0





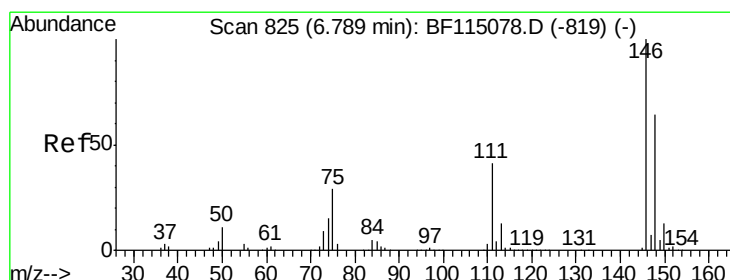
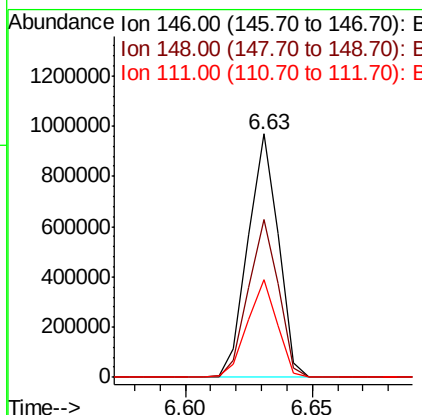
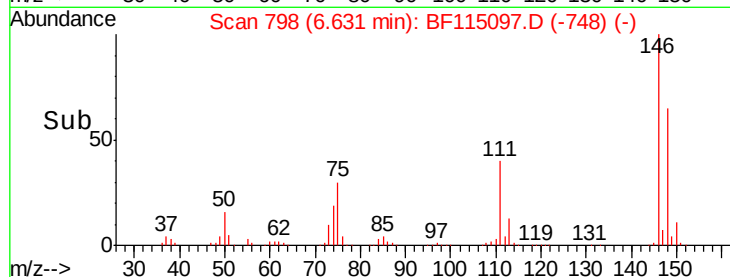
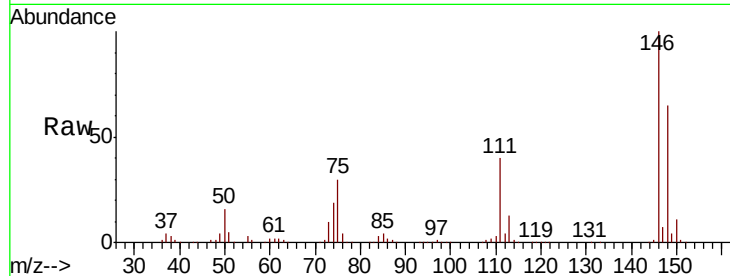
#13
1,4-Dichlorobenzene
Concen: 41.341 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	40.0	31.4	47.0

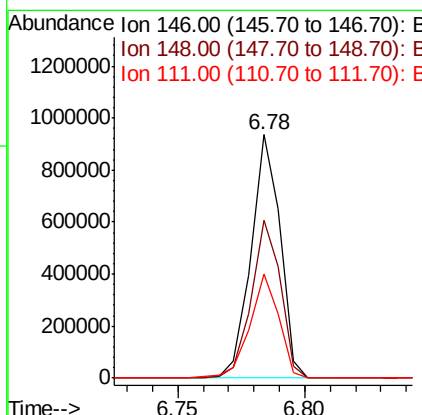
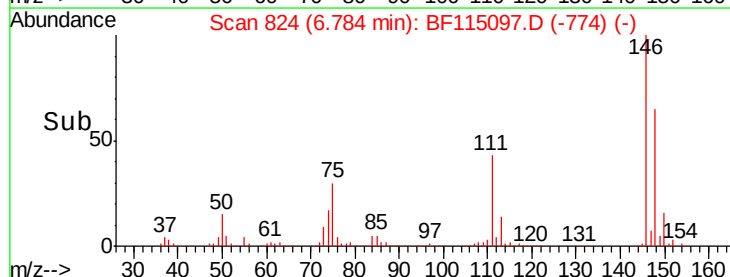
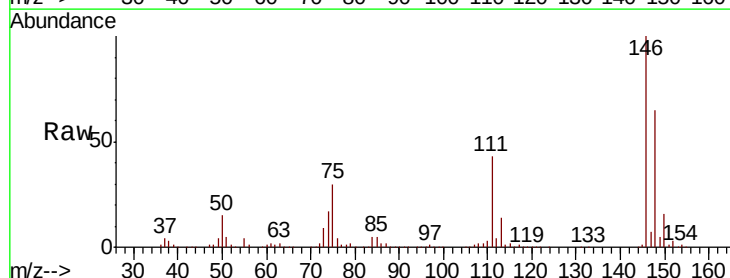
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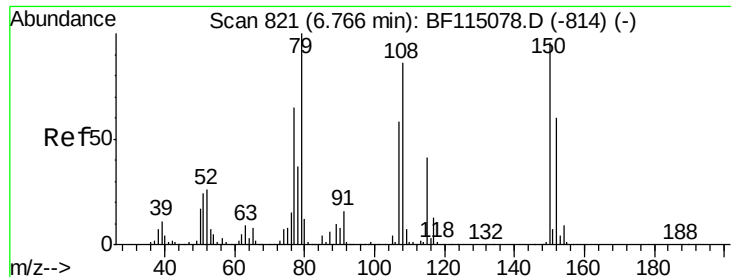
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.514 ng
RT: 6.78 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	42.8	33.2	49.8





#15

Benzyl Alcohol

Concen: 41.001 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

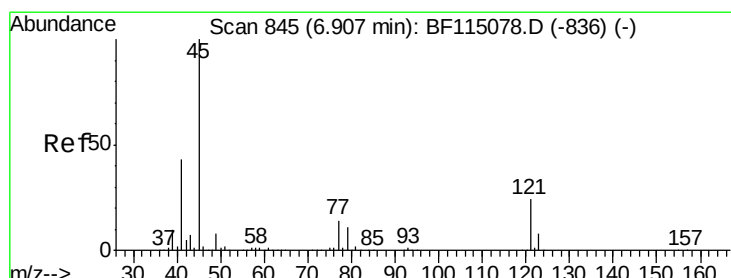
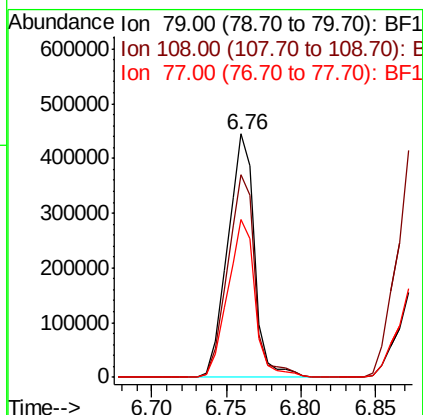
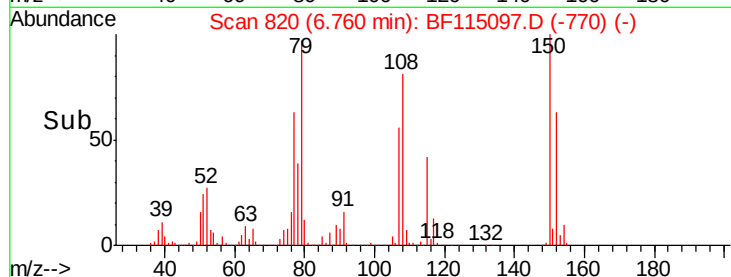
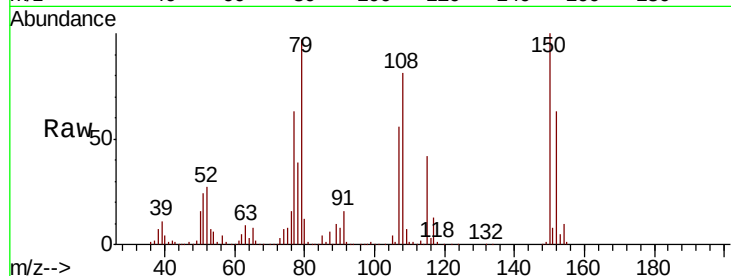
ClientSampleId :

PB120612BSD

Tot Ion:	79	Resp:	564945
Ion Ratio	Lower	Upper	
79	100		
108	83.4	68.7	103.1
77	65.1	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.604 ng

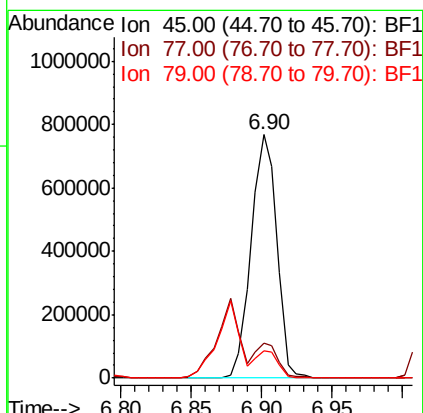
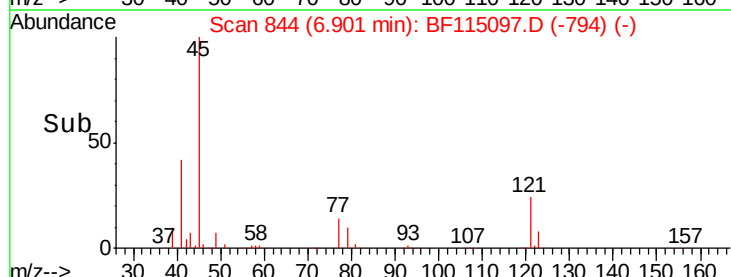
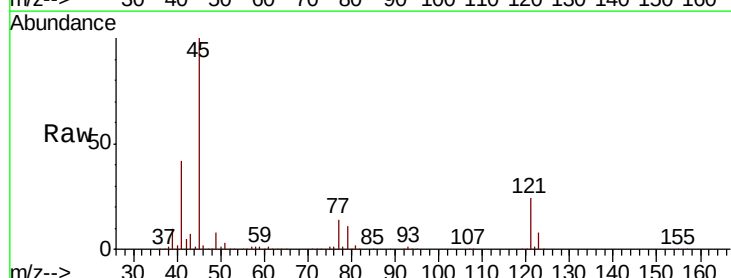
RT: 6.90 min Scan# 844

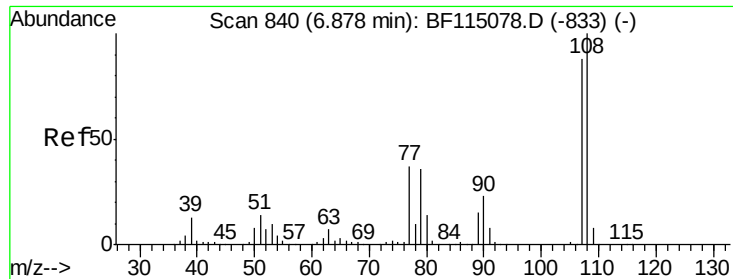
Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:	45	Resp:	985917
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	34.6
79	11.1	0.0	31.2





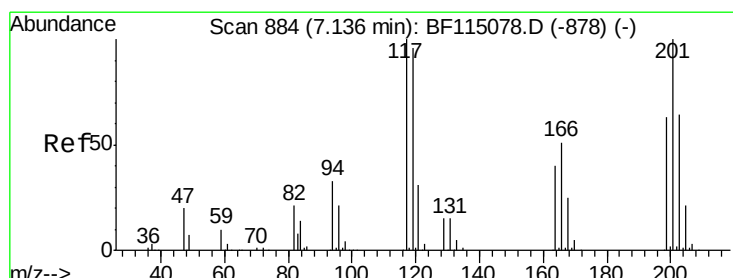
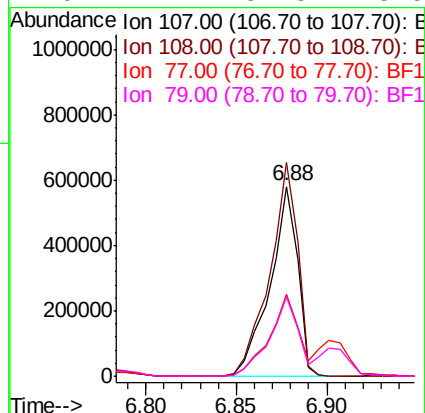
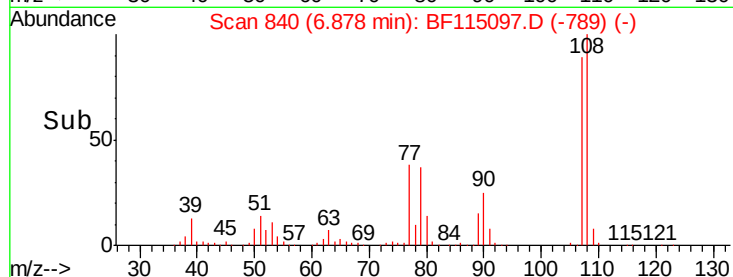
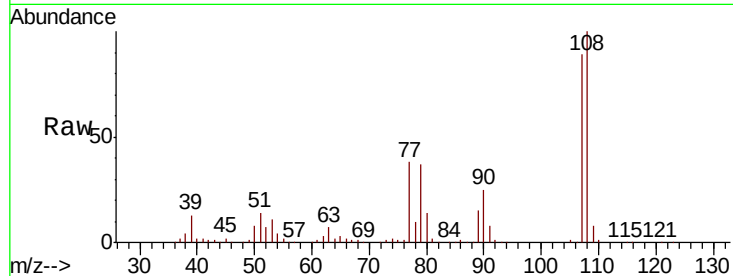
#17
2-Methylphenol
Concen: 42.488 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.9	136.3
77	43.1	33.4	50.2
79	42.1	32.3	48.5

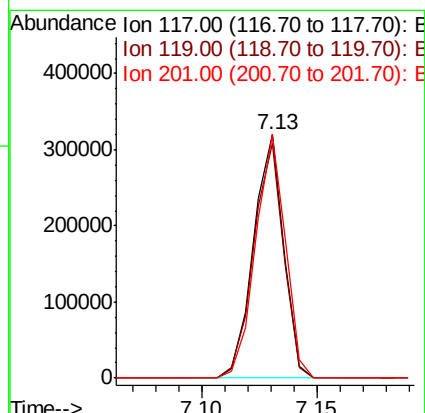
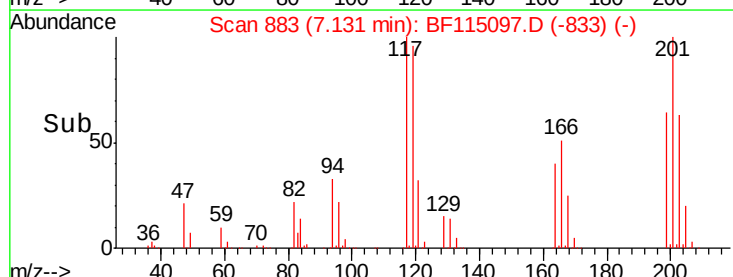
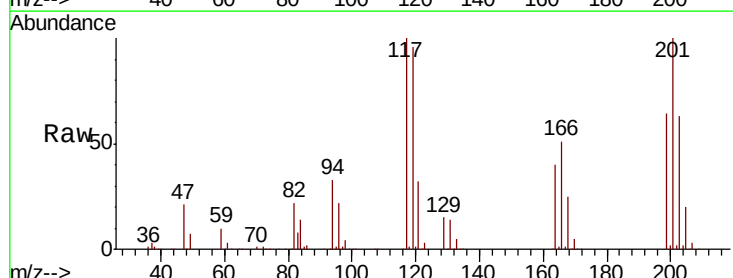
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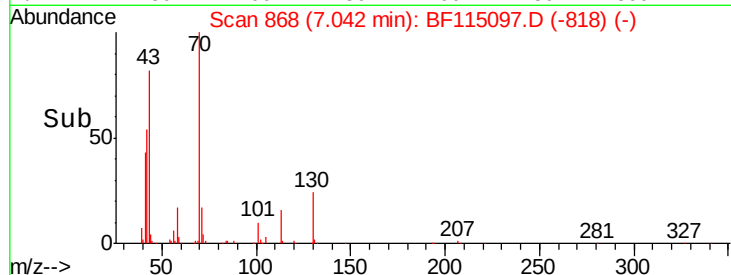
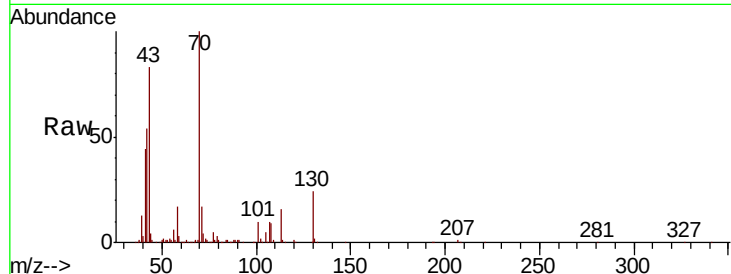
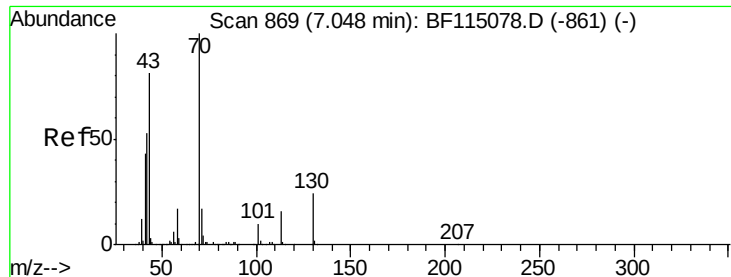
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#18
Hexachloroethane
Concen: 41.444 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
201	100.0	80.2	120.2





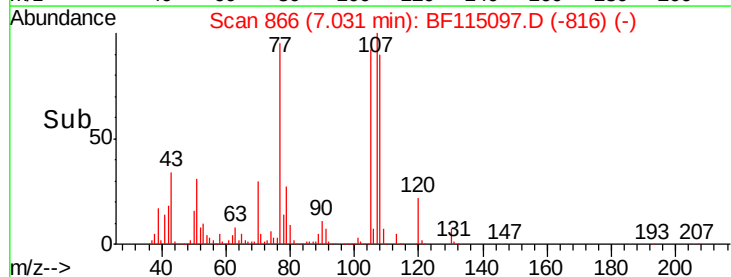
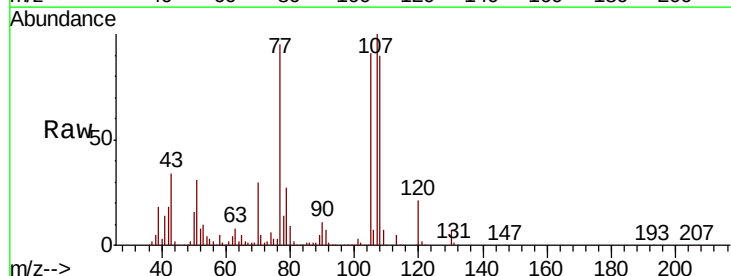
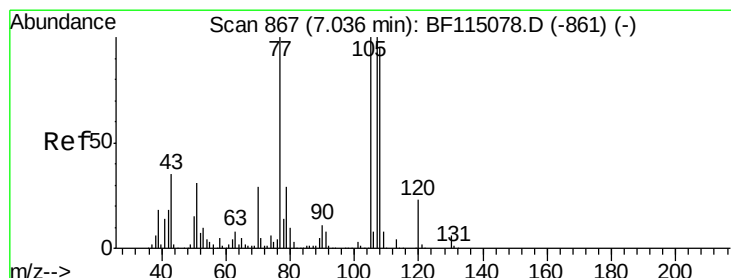
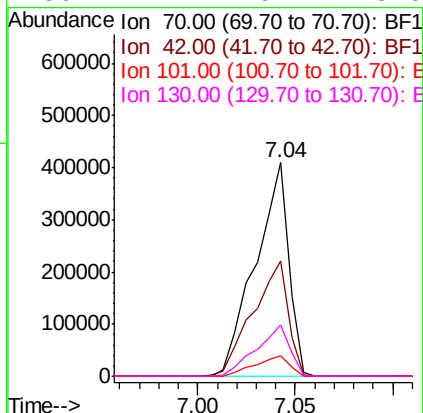
#19
n-Nitroso-di-n-propylamine
Concen: 39.994 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	42.6	63.8
101	9.9	8.0	12.0
130	24.2	19.4	29.0

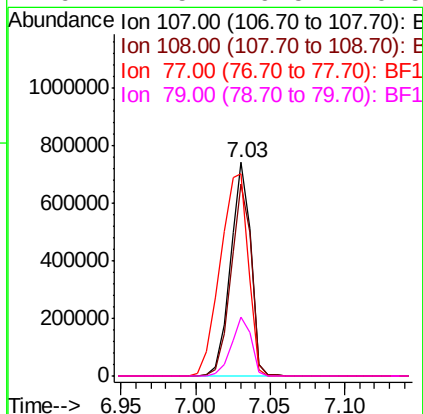
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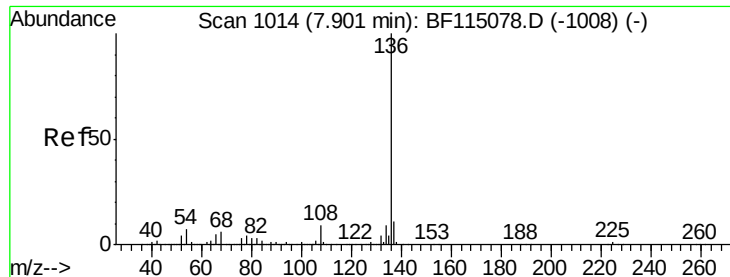
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#20
3+4-Methylphenols
Concen: 42.489 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	75.5	115.5
77	95.0	80.2	120.2
79	27.5	9.5	49.5





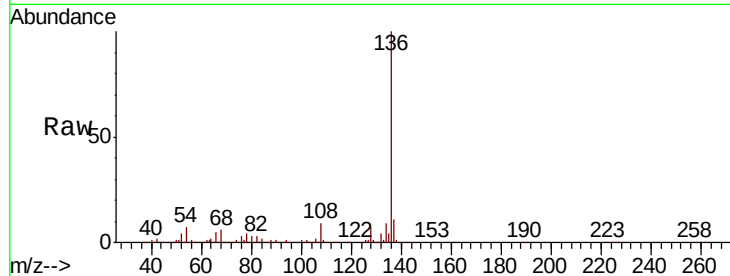
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

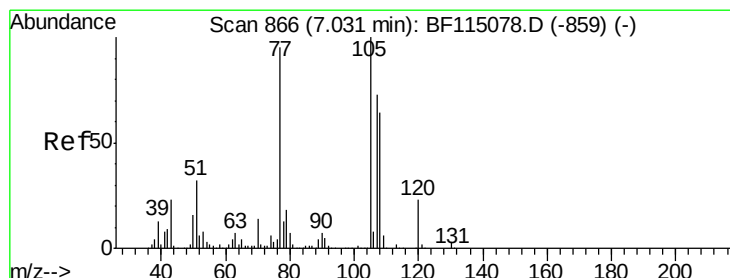
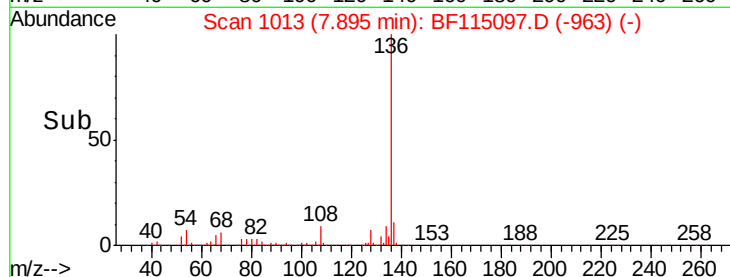
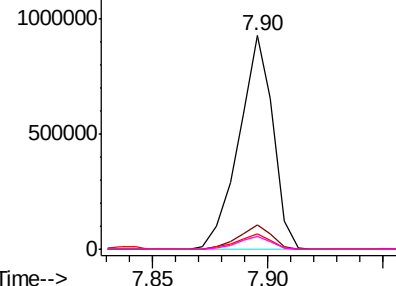
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		954401		
137	11.2	8.9	13.3		
54	7.2	5.6	8.4		
68	6.0	4.8	7.2		

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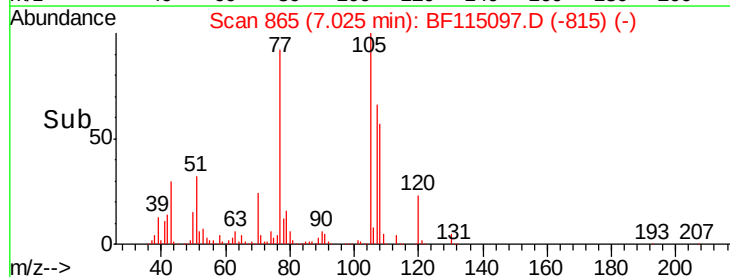
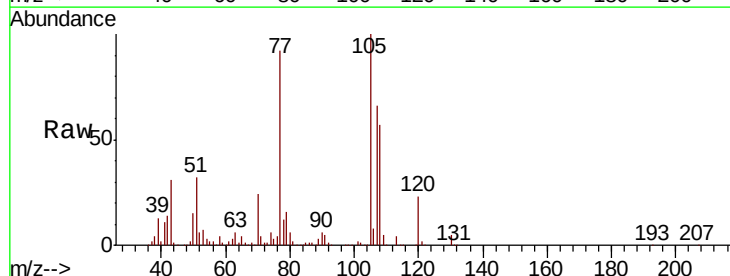
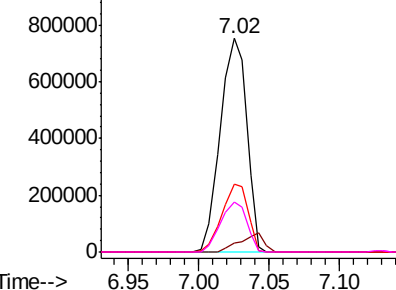
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

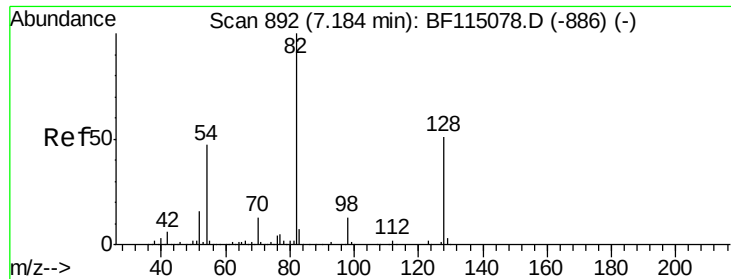


#22
Acetophenone
Concen: 45.064 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		984630		
71	3.9	1.9	2.9#		
51	31.7	25.8	38.8		
120	23.4	18.5	27.7		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





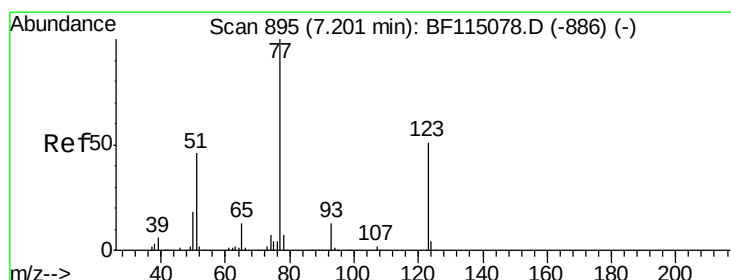
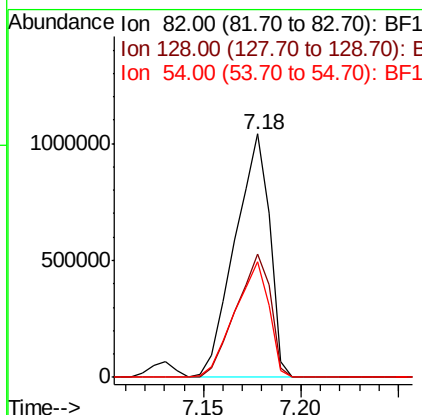
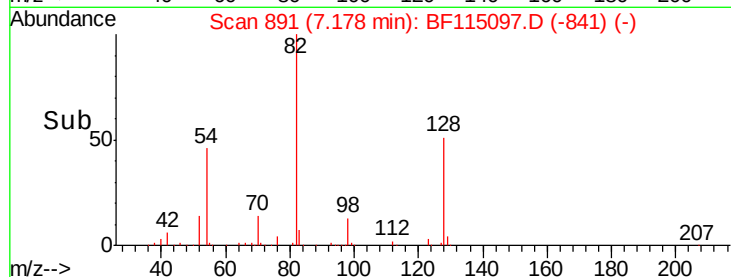
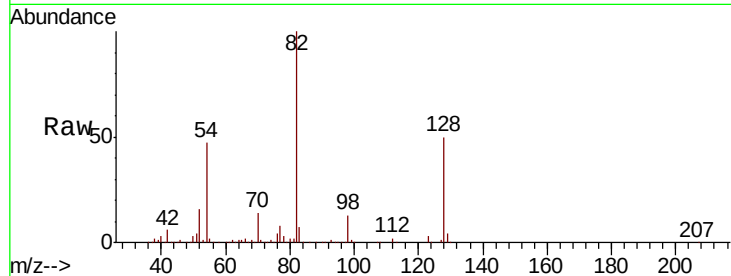
#23
 Nitrobenzene-d5
 Concen: 82.715 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

Tot Ion	82	Resp	1283303
Ion Ratio	100	Lower	Upper
128	50.5	40.4	60.6
54	47.5	37.5	56.3

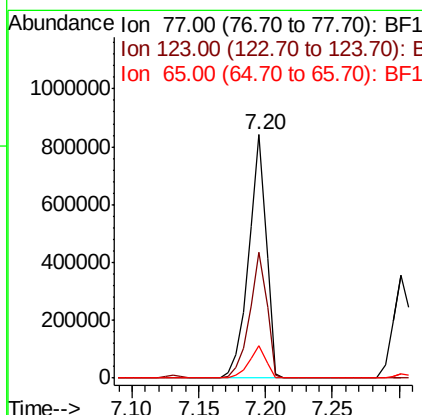
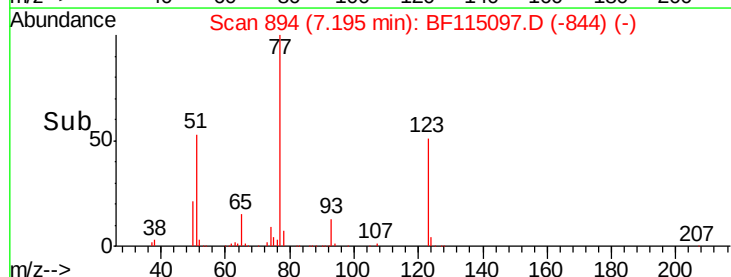
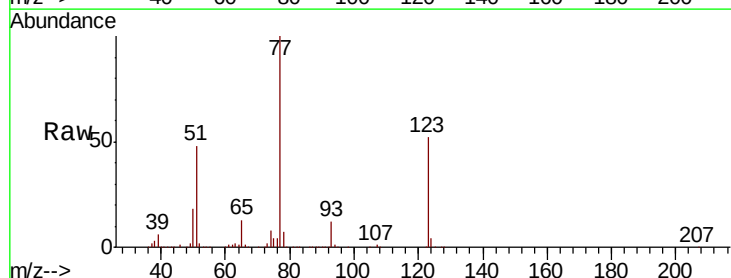
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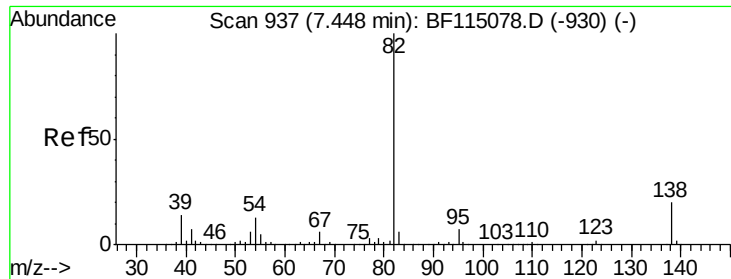
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#24
 Nitrobenzene
 Concen: 43.693 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	77	Resp	746813
Ion Ratio	100	Lower	Upper
123	51.6	41.0	61.6
65	13.1	10.5	15.7





#25

Isophorone

Concen: 43.871 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleID :

PB120612BSD

Tot Ion: 82 Resp: 1394336

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

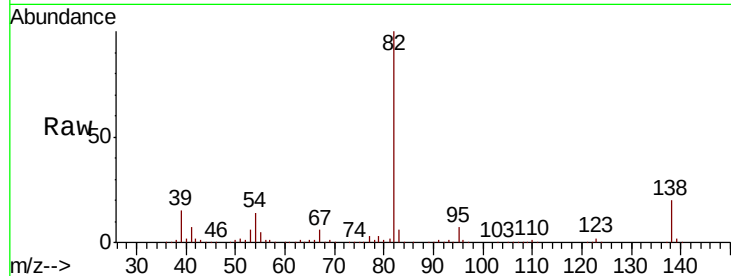
138 19.9 15.9 23.9

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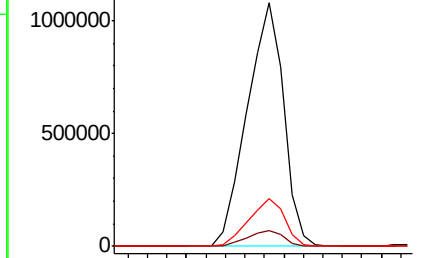
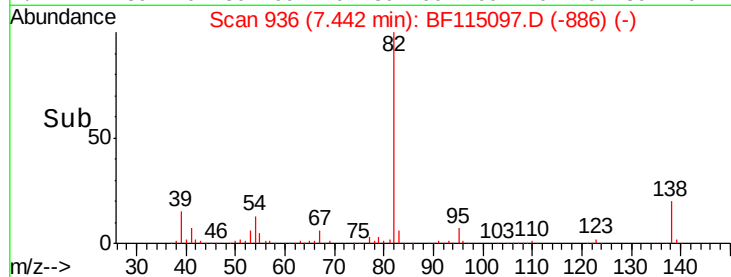
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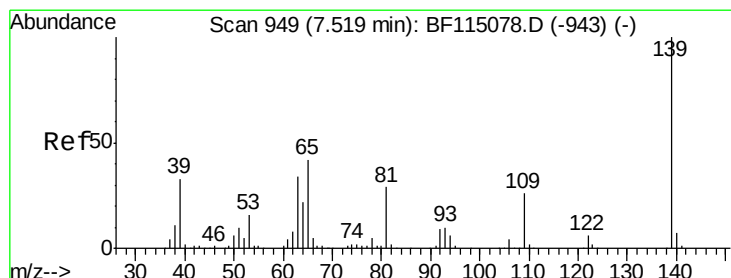
Abundance Ion 82.00 (81.70 to 82.70): BF115078.D (-930) (-)

Ion 95.00 (94.70 to 95.70): BF115097.D (-886) (-)

Ion 138.00 (137.70 to 138.70): BF115097.D (-886) (-)



Time-->



#26

2-Nitrophenol

Concen: 47.215 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

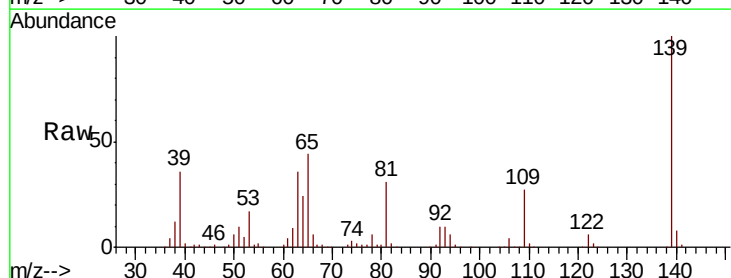
Tgt Ion: 139 Resp: 398536

Ion Ratio Lower Upper

139 100

109 26.5 20.4 30.6

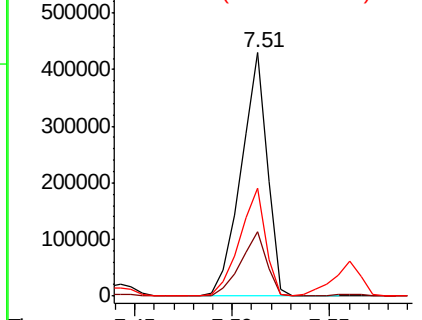
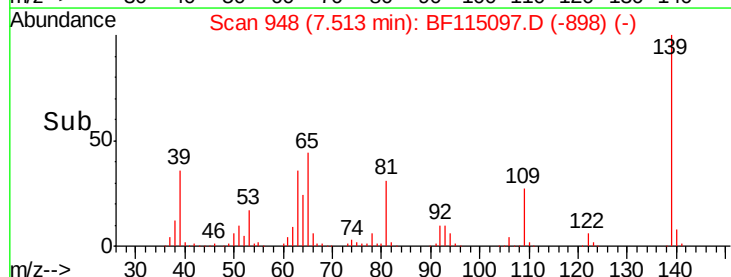
65 44.3 33.6 50.4



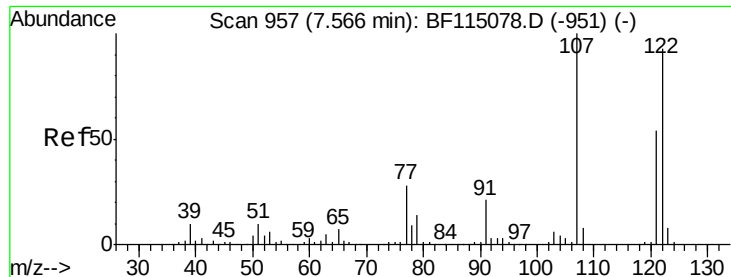
Abundance Ion 139.00 (138.70 to 139.70): BF115078.D (-943) (-)

Ion 109.00 (108.70 to 109.70): BF115097.D (-898) (-)

Ion 65.00 (64.70 to 65.70): BF115097.D (-898) (-)



Time-->



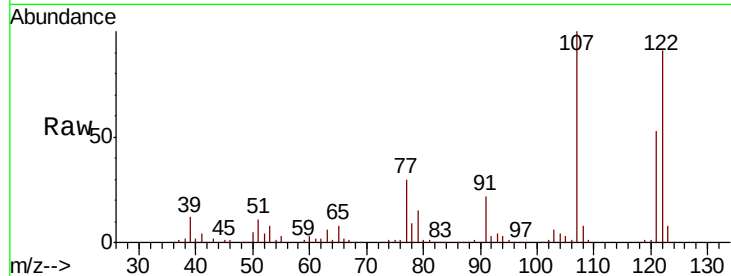
#27
2,4-Dimethylphenol
Concen: 49.815 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	688457		
107	109.5	85.8	128.6	
121	58.0	46.3	69.5	

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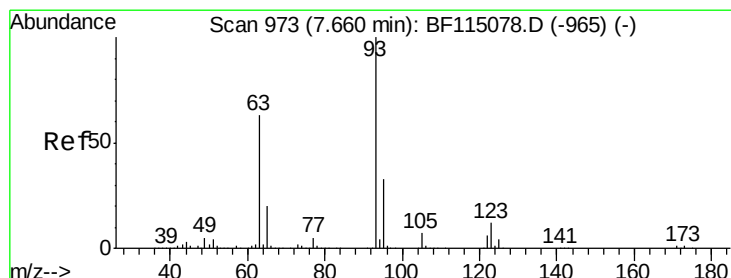
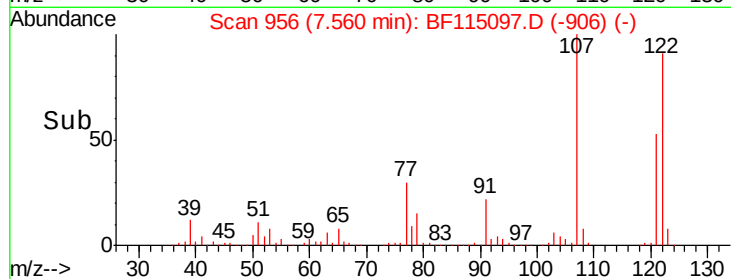
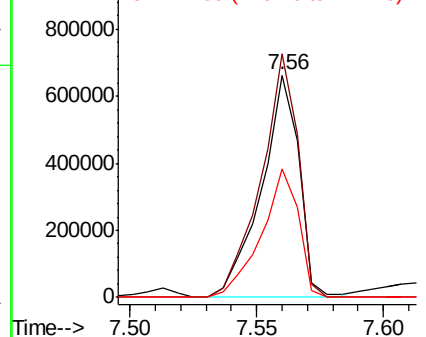


Abundance

Ion 122.00 (121.70 to 122.70): E

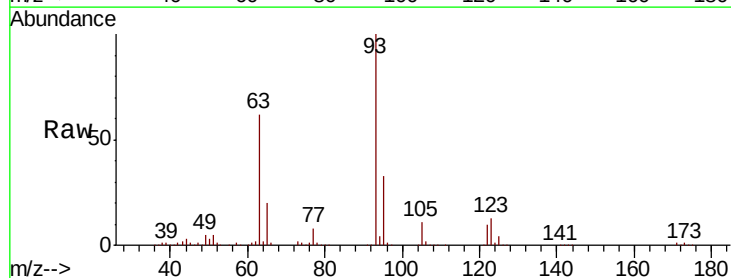
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.461 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	873040		
95	33.4	26.2	39.4	
123	13.3	9.7	14.5	

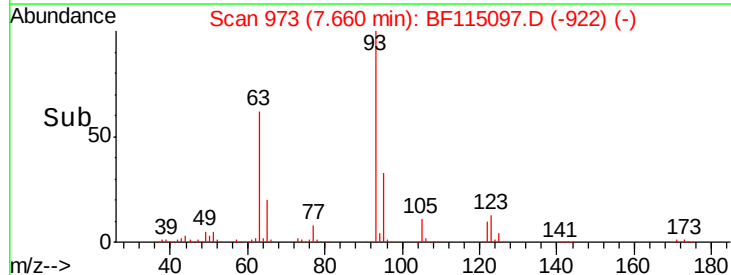
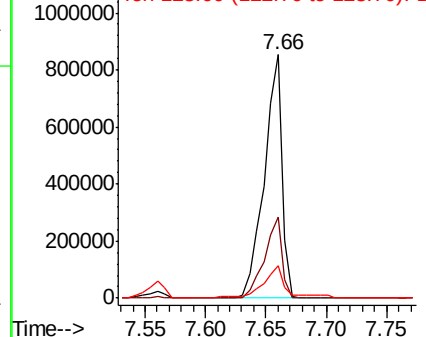


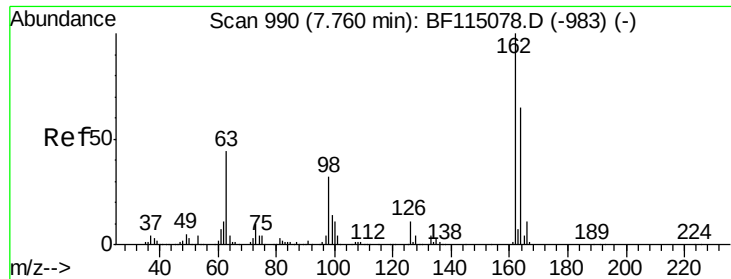
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





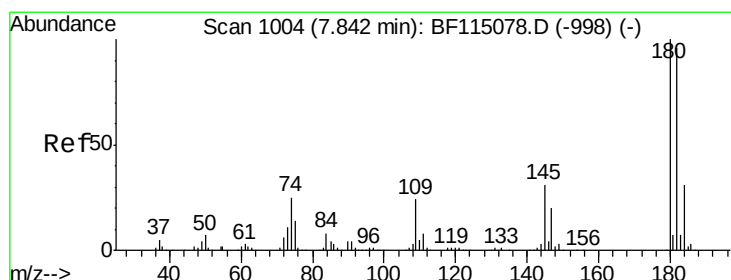
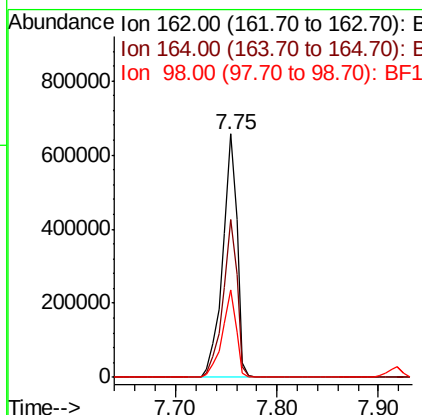
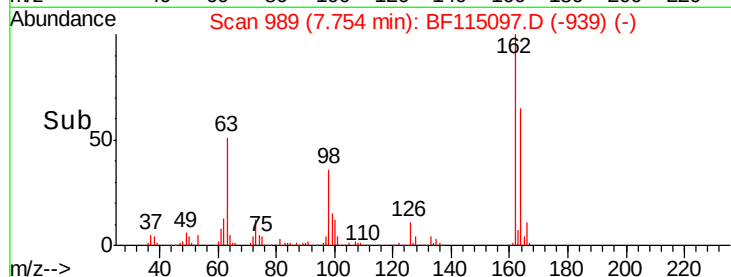
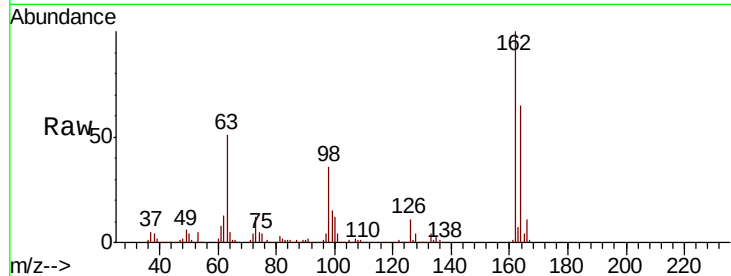
#29
 2,4-Dichlorophenol
 Concen: 45.190 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		644523		
164	64.8	45.3		85.3	
98	36.0	12.5		52.5	

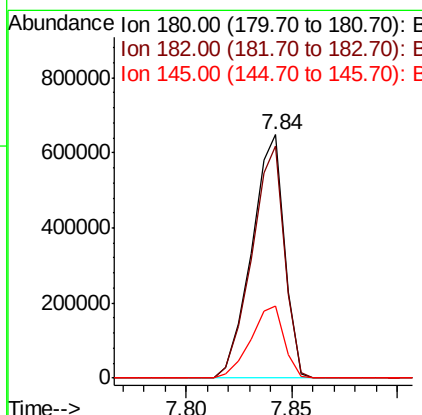
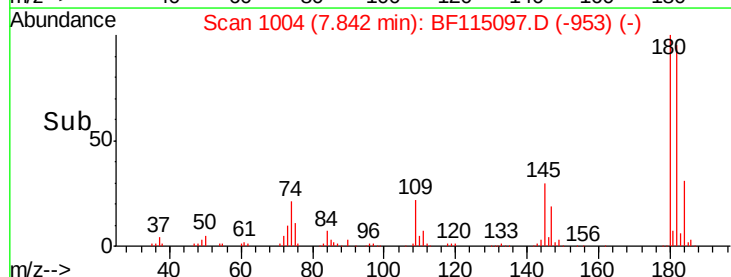
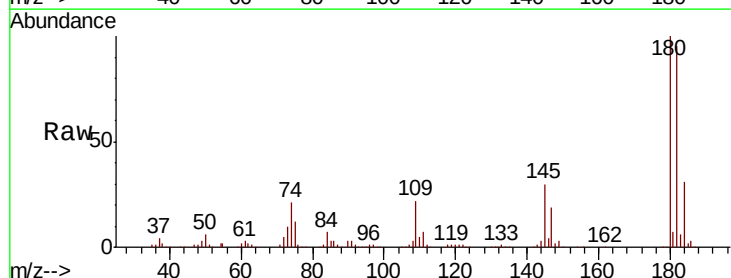
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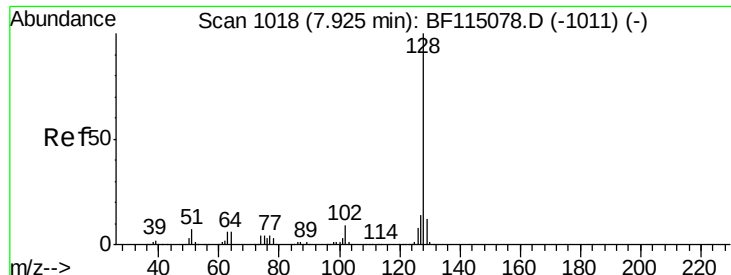
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.293 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		697791		
182	95.4	76.4		114.6	
145	29.8	24.8		37.2	





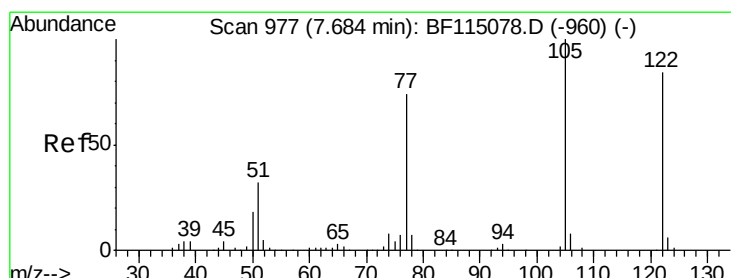
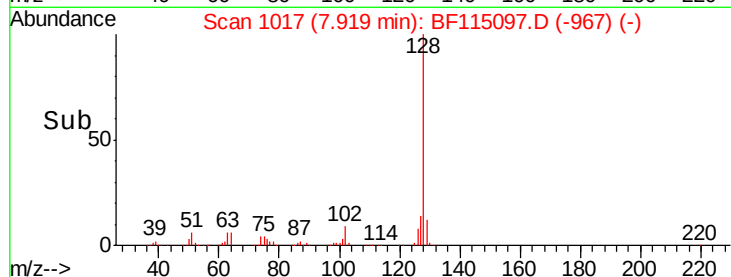
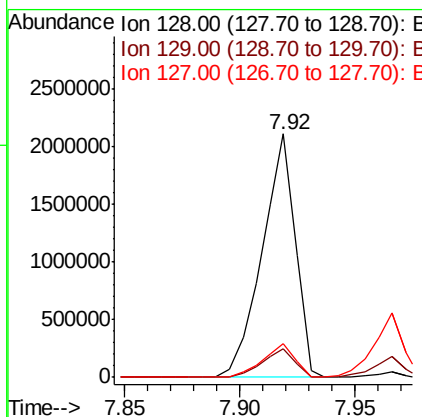
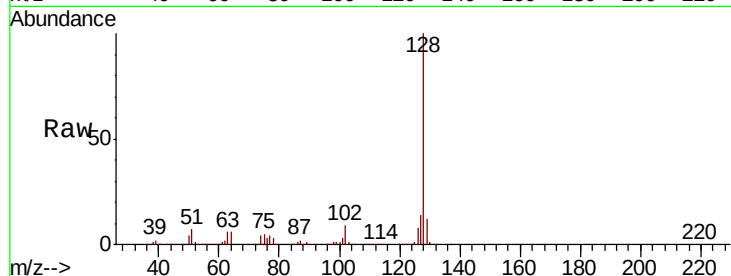
#31
Naphthalene
Concen: 44.888 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion:128 Resp: 2102980
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.0 11.4 17.0

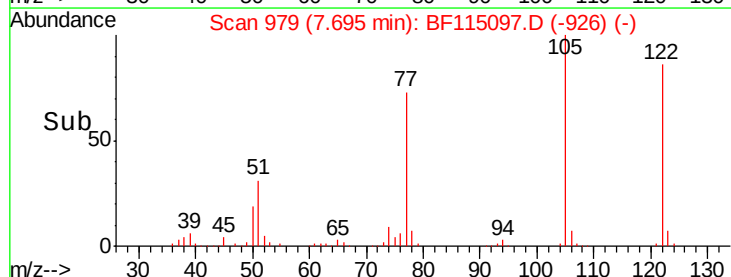
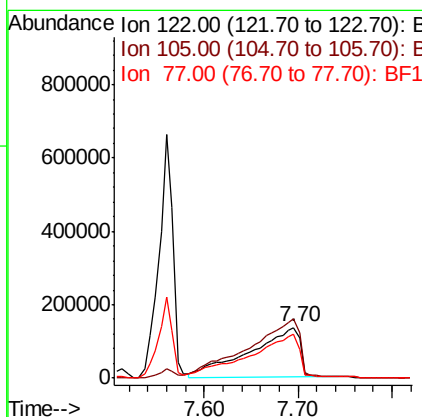
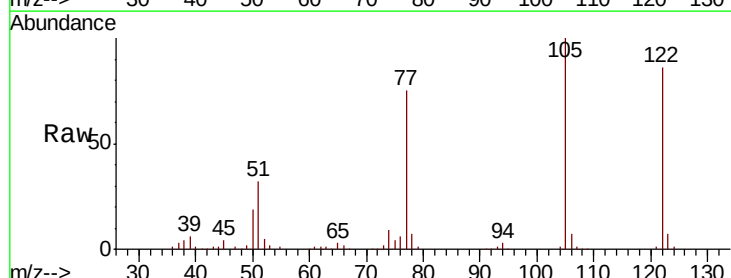
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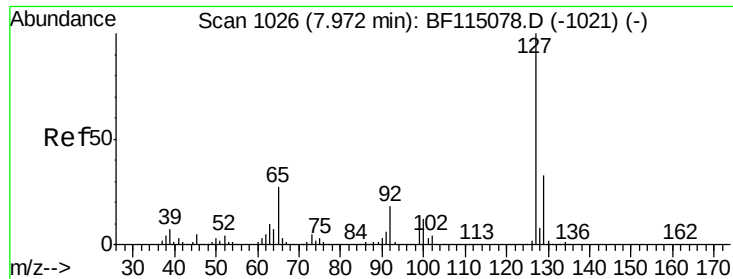
mohammad
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#32
Benzoic acid
Concen: 51.201 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:122 Resp: 505106
Ion Ratio Lower Upper
122 100
105 116.0 98.2 138.2
77 87.1 67.0 107.0





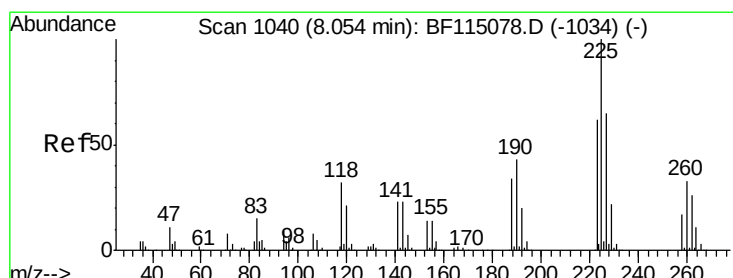
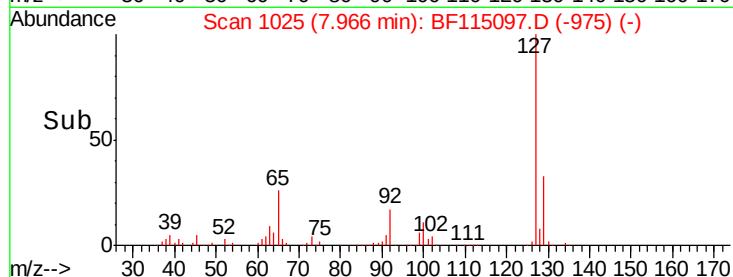
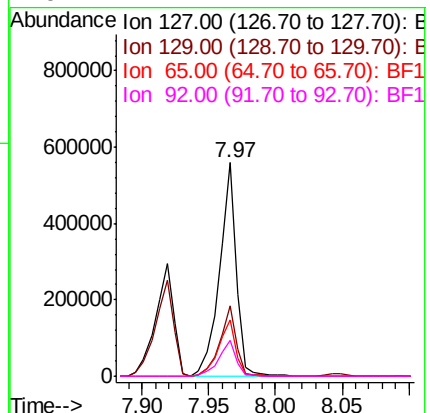
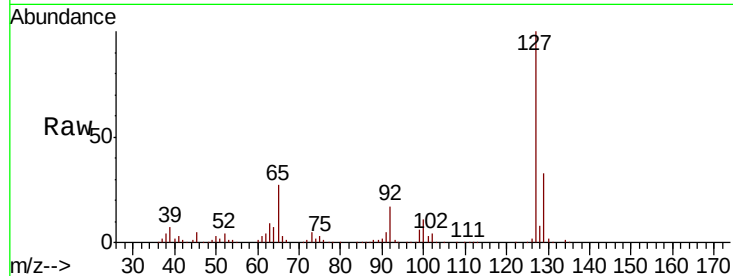
#33
4-Chloroaniline
Concen: 23.251 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		497822		
129	32.8	26.1	39.1		
65	26.6	21.4	32.2		
92	17.1	14.1	21.1		

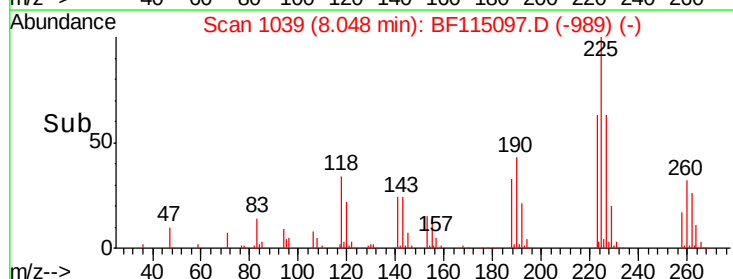
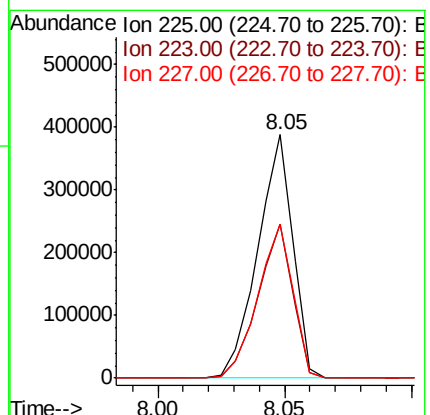
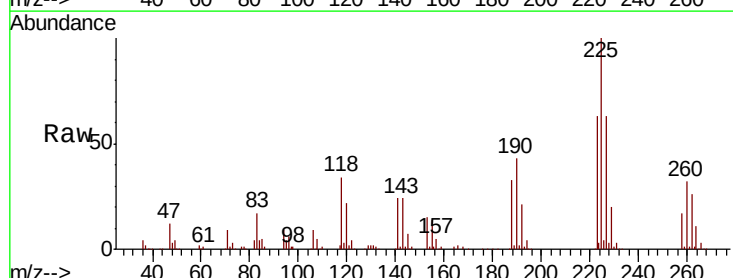
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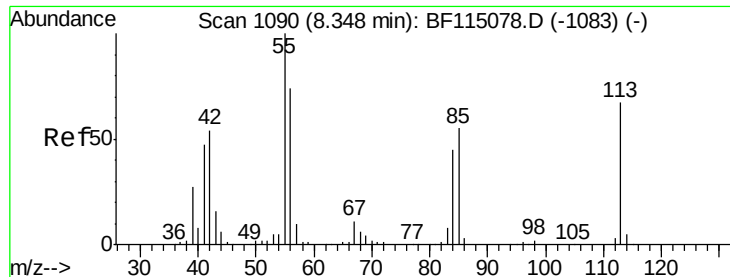
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#34
Hexachlorobutadiene
Concen: 43.372 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		374440		
223	63.5	49.4	74.2		
227	63.0	51.8	77.8		





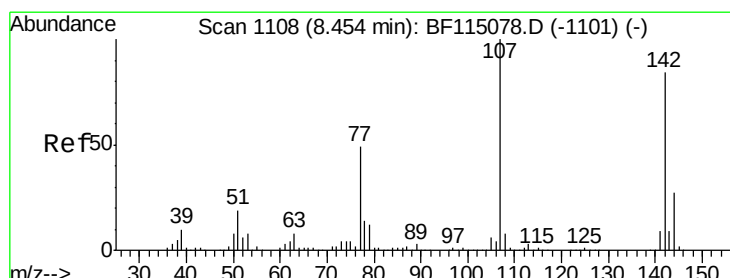
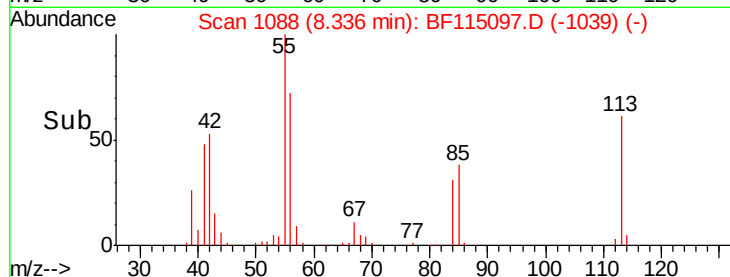
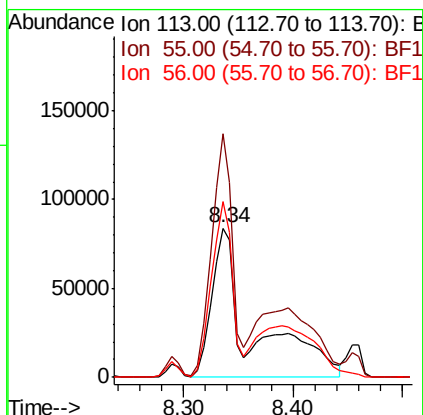
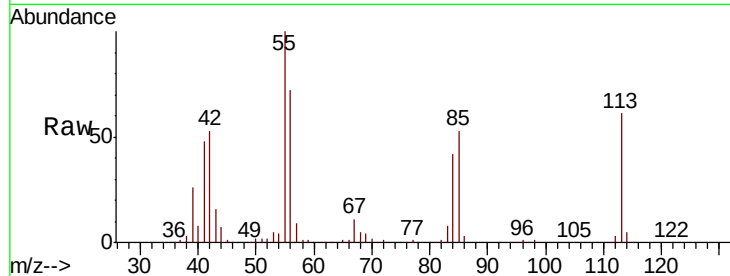
#35
Caprolactam
Concen: 43.334 ng/ml
RT: 8.34 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.9	130.2	170.2
56	117.2	91.6	131.6

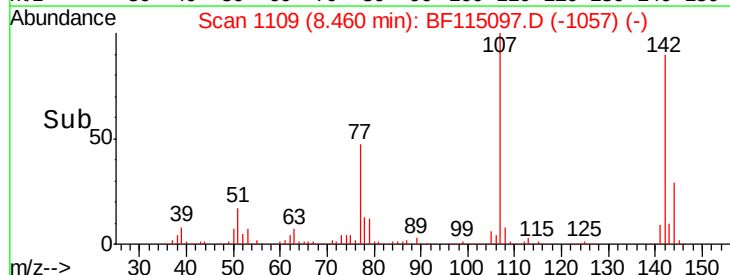
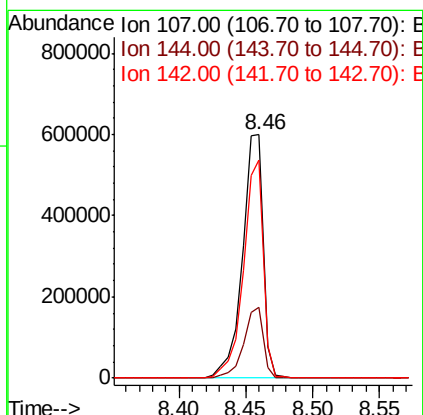
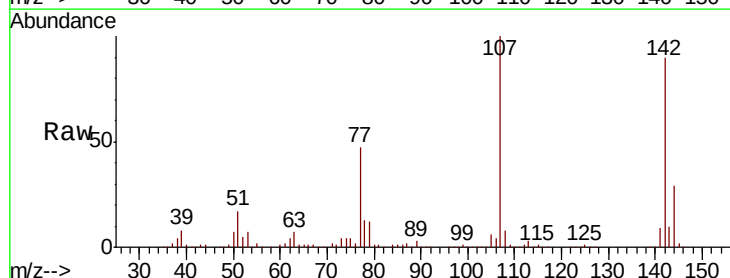
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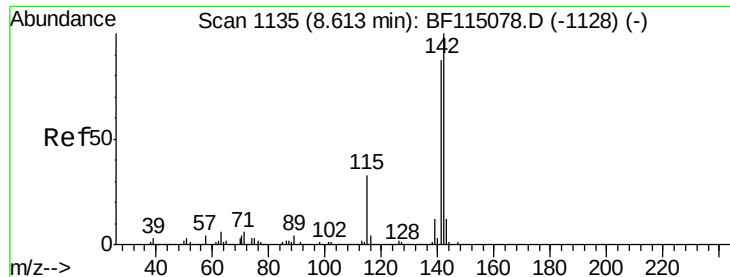
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.508 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	21.7	32.5
142	89.5	67.0	100.4





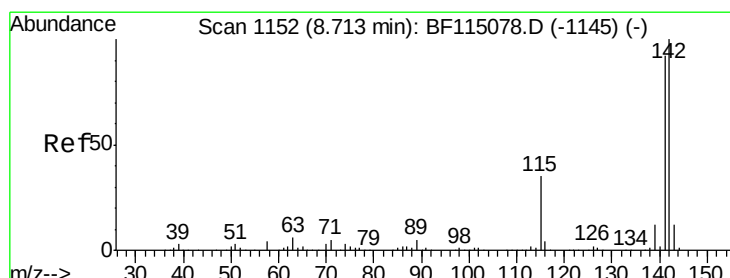
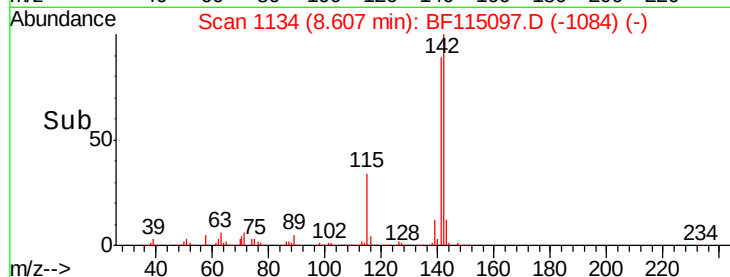
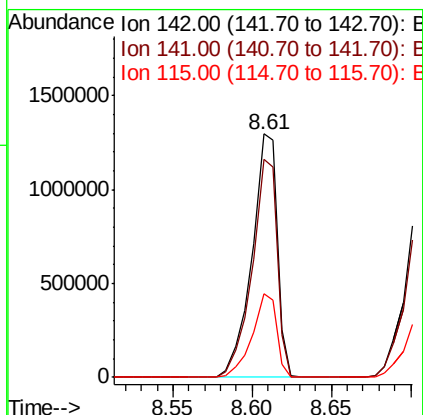
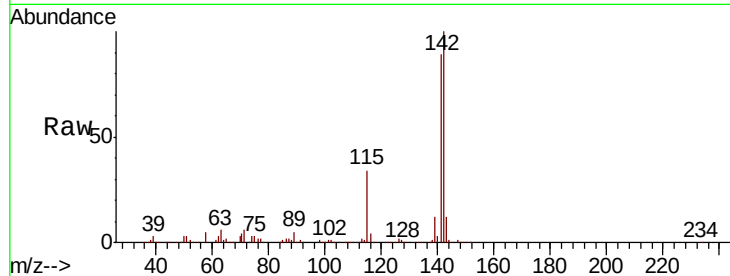
#37
2-Methylnaphthalene
Concen: 45.778 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion:142 Resp: 1446059
Ion Ratio Lower Upper
142 100
141 89.3 69.8 104.6
115 34.1 26.7 40.1

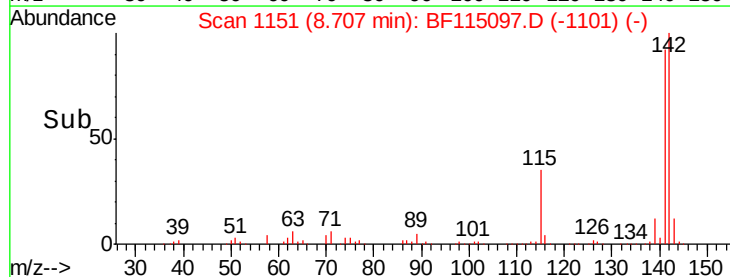
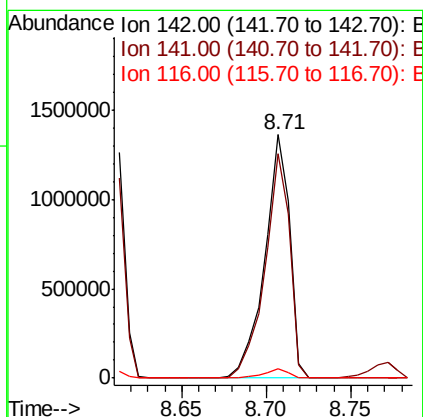
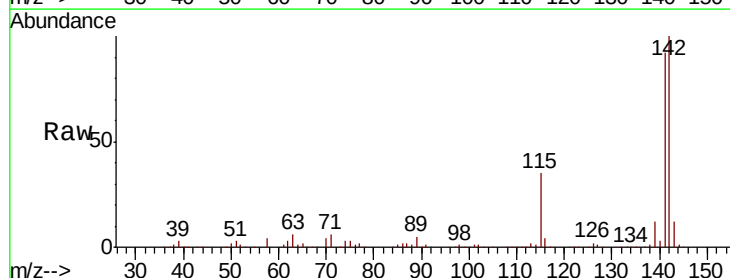
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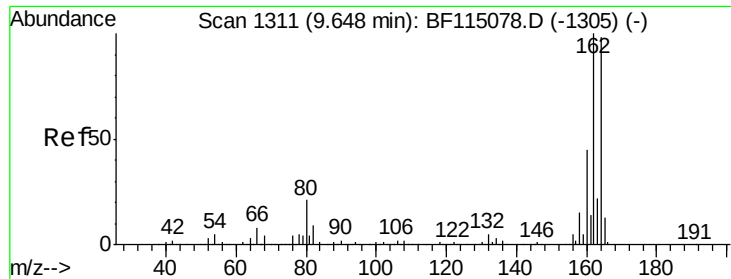
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#38
1-Methylnaphthalene
Concen: 45.787 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:142 Resp: 1381333
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8
116 3.7 2.8 4.2





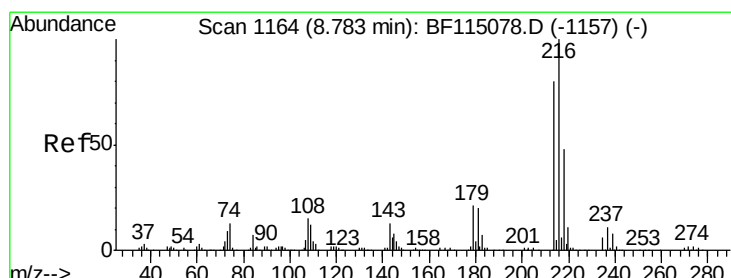
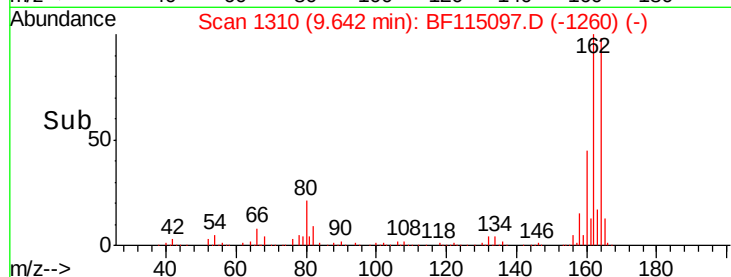
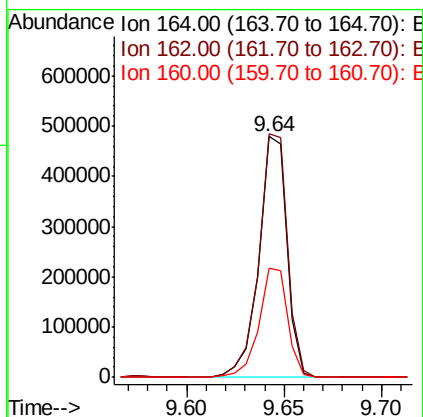
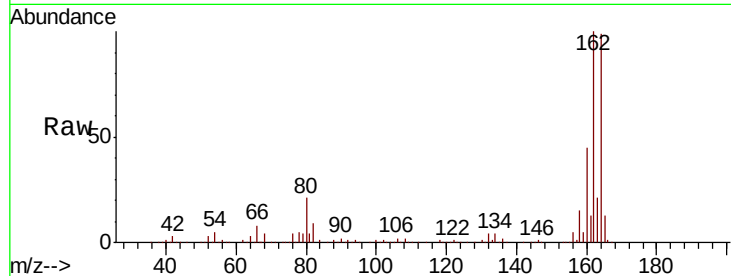
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

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

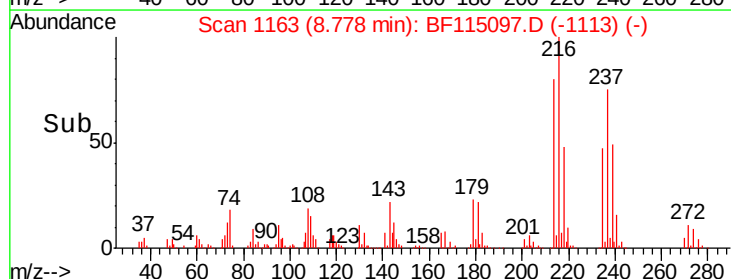
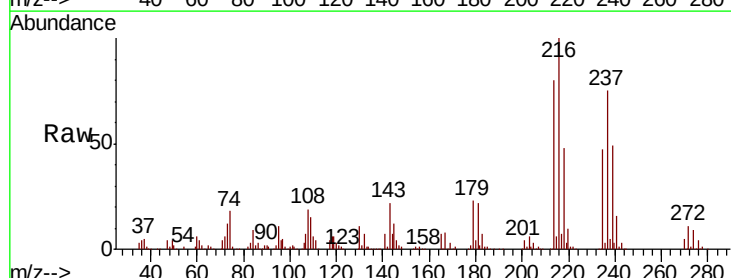
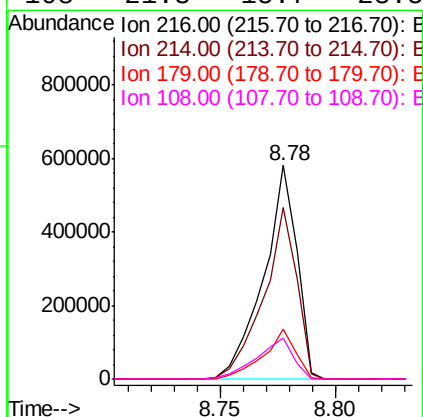
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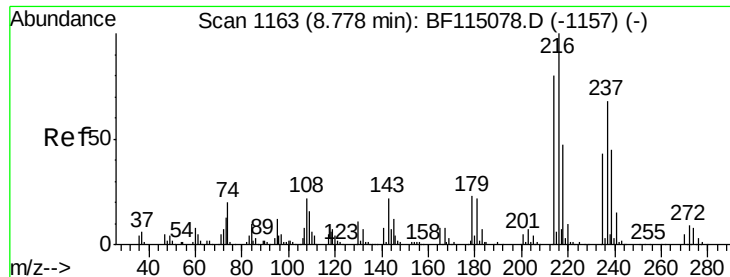
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.158 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	22.3	17.6	26.4
108	21.3	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 94.044 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

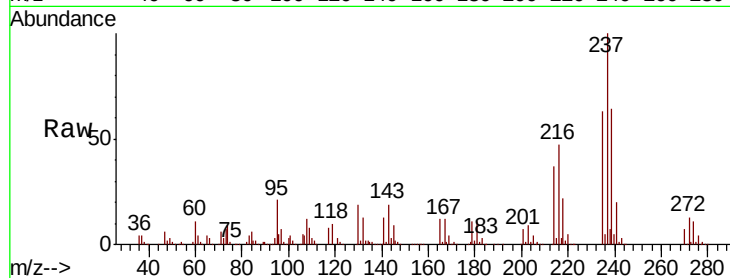
ClientSampleId :

PB120612BSD

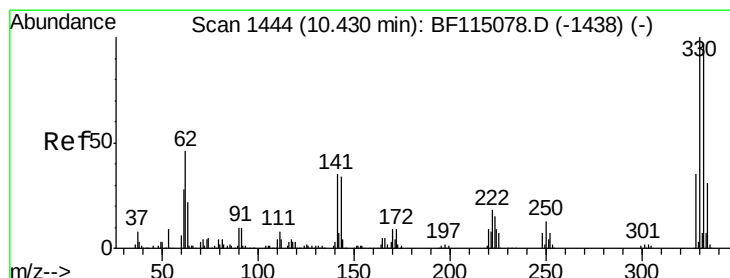
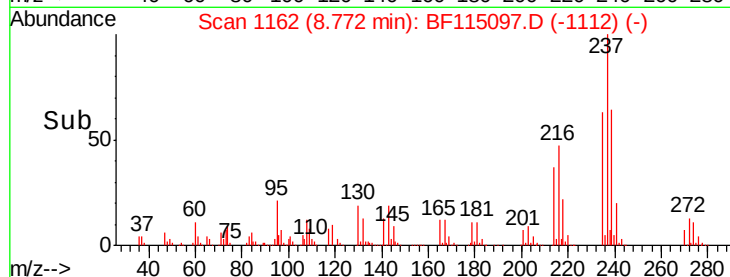
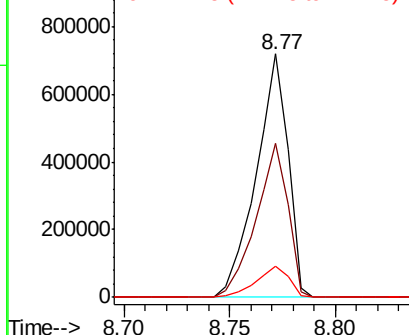
Tot Ion:	237	Resp:	751186
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.9	83.9
272	12.8	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 119.136 ng

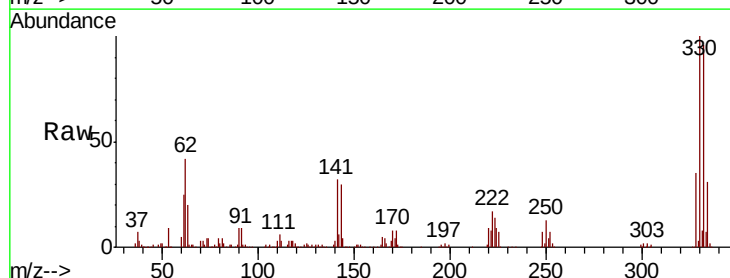
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

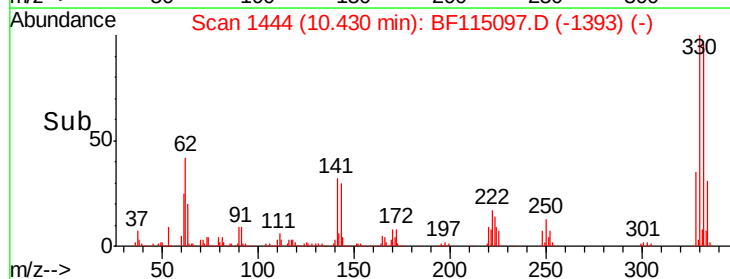
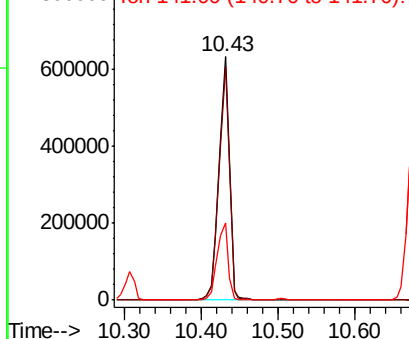
Lab File: BF115097.D

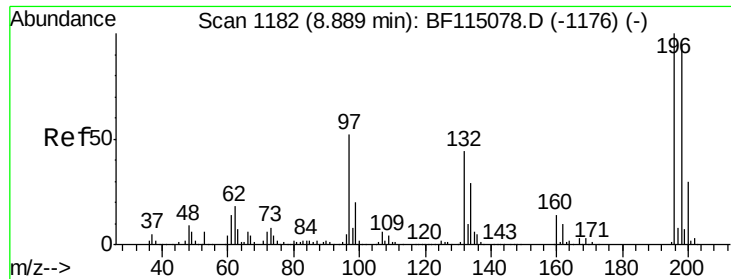
Acq: 22 Jun 2019 00:04

Tgt Ion:	330	Resp:	598888
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	32.9	28.2	42.2



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





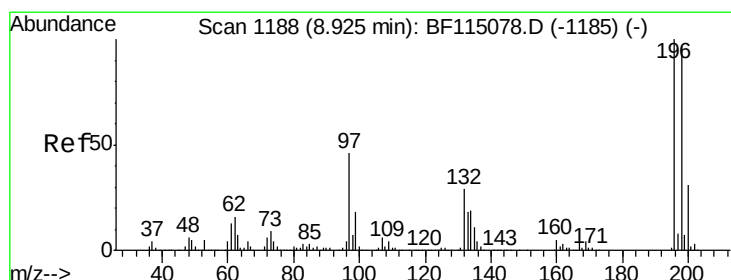
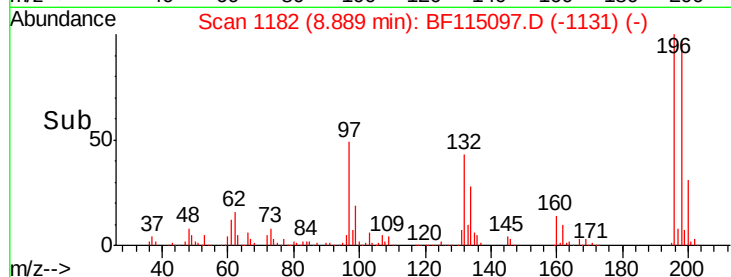
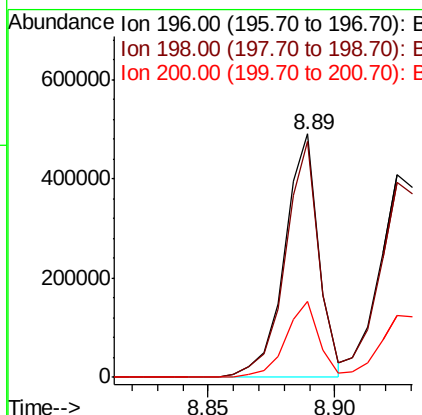
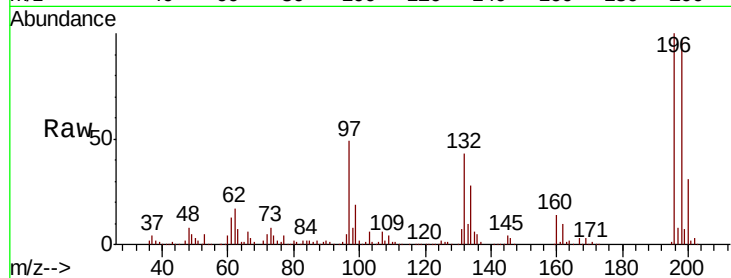
#43
 2,4,6-Trichlorophenol
 Concen: 44.427 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	462033		
198	96.7	76.3	114.5	
200	31.1	24.2	36.4	

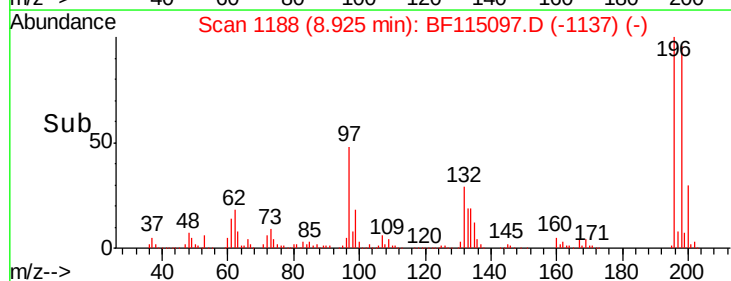
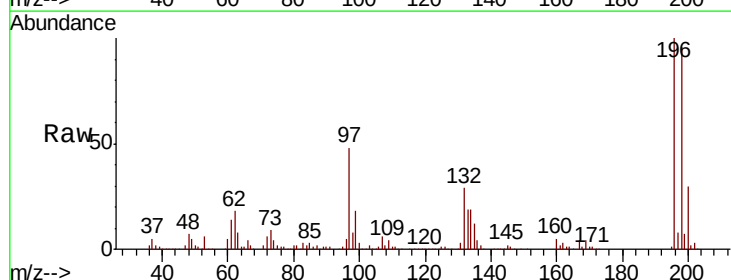
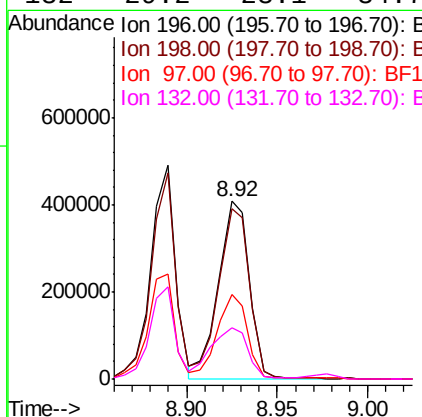
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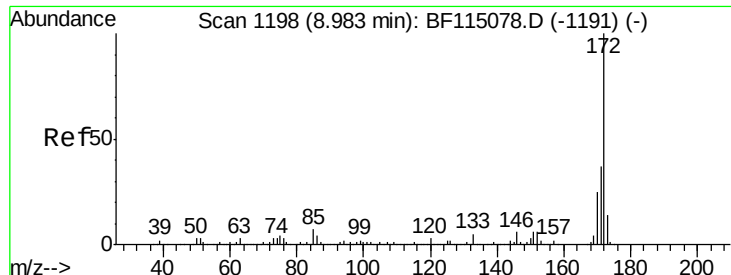
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.104 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	483057		
198	96.2	77.1	115.7	
97	47.5	37.7	56.5	
132	29.2	23.1	34.7	





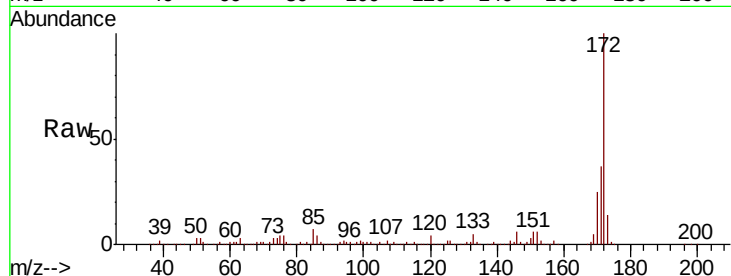
#45
2-Fluorobiphenyl
Concen: 88.015 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.5	20.3	30.5

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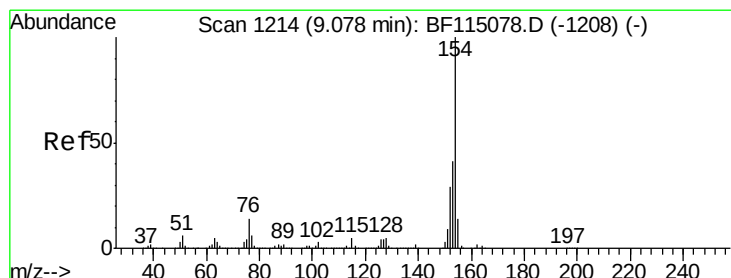
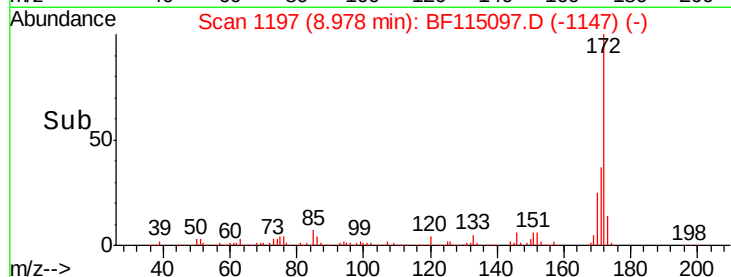
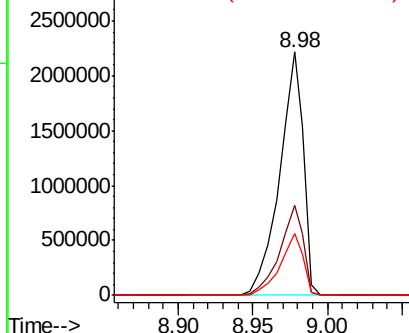


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.825 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

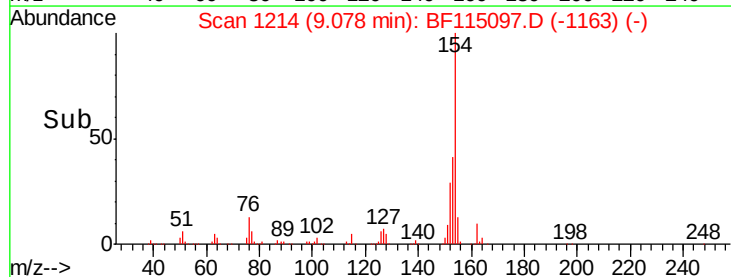
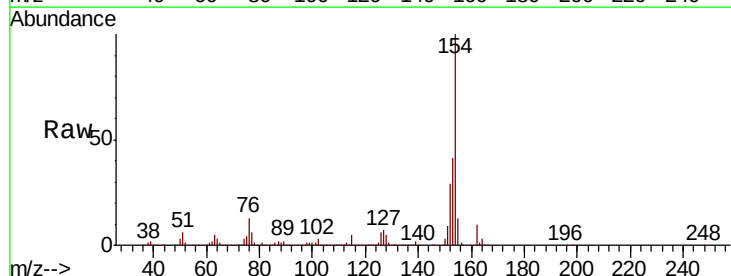
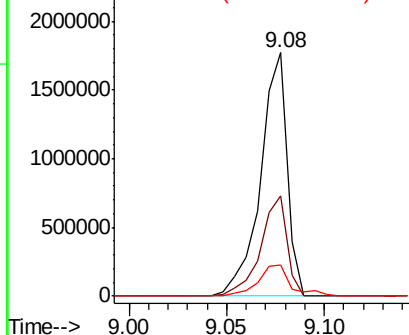
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	12.7	0.0	34.1

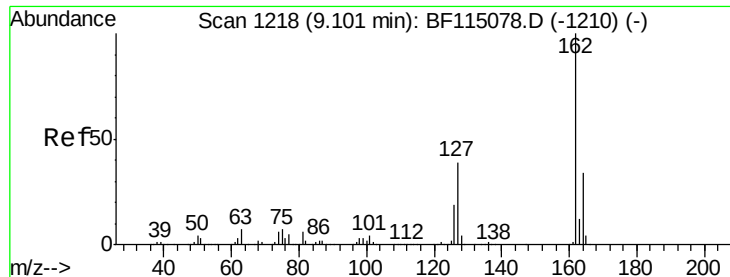
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





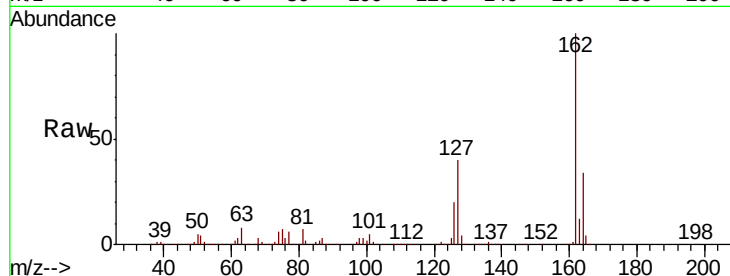
#47
2-Chloronaphthalene
Concen: 43.177 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

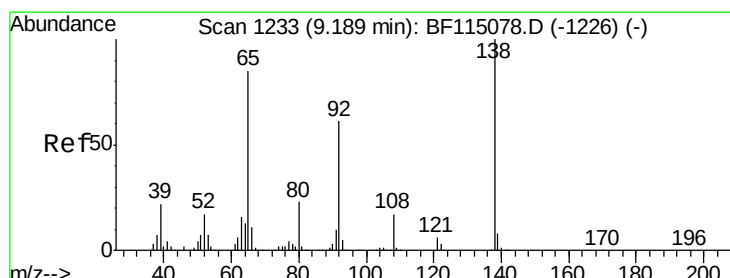
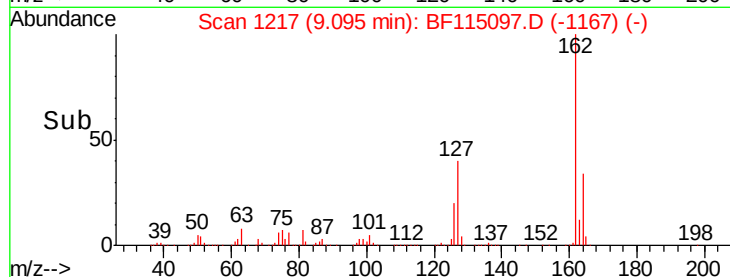
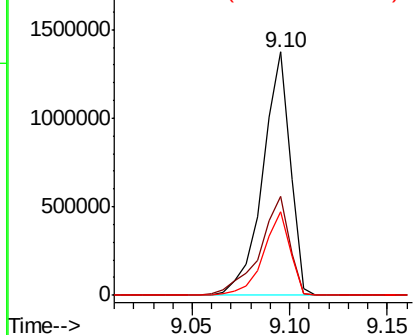
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.8	46.2
164	34.2	27.0	40.4

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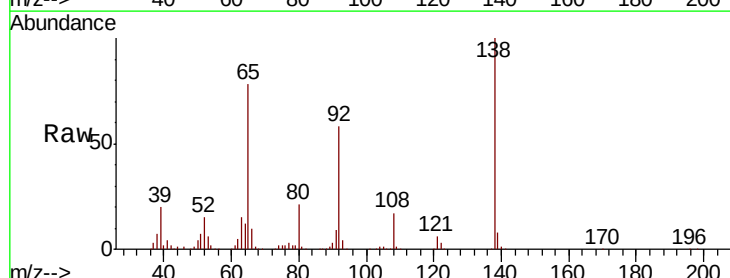


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

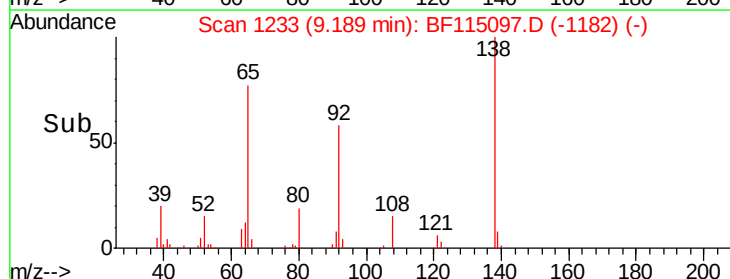
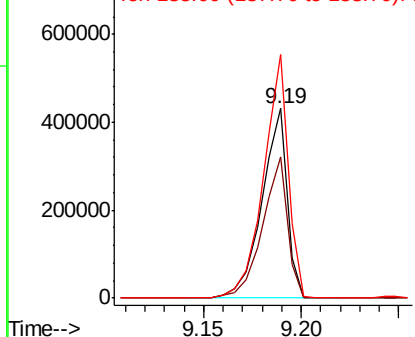


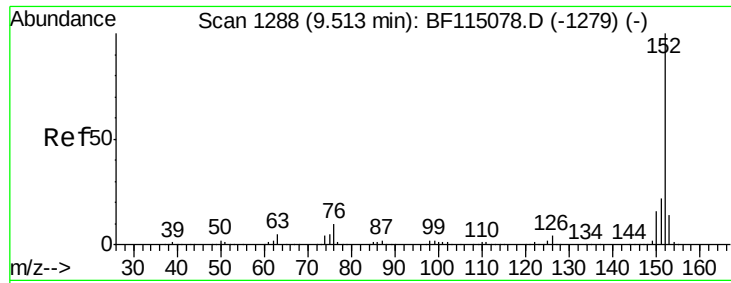
#48
2-Nitroaniline
Concen: 42.828 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	57.4	86.2
138	128.5	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





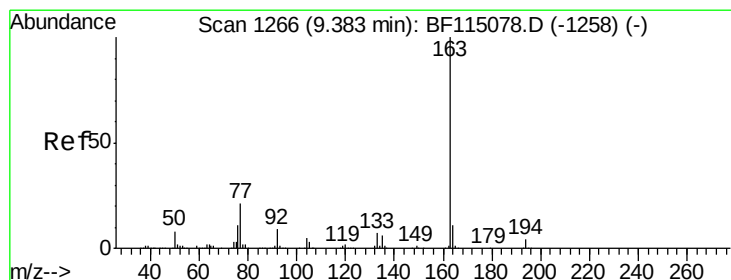
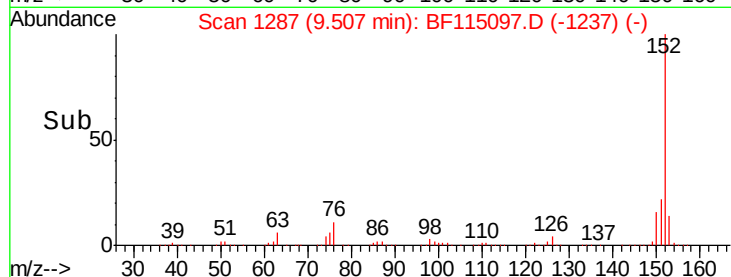
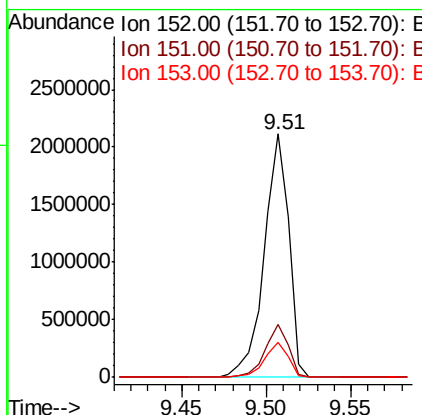
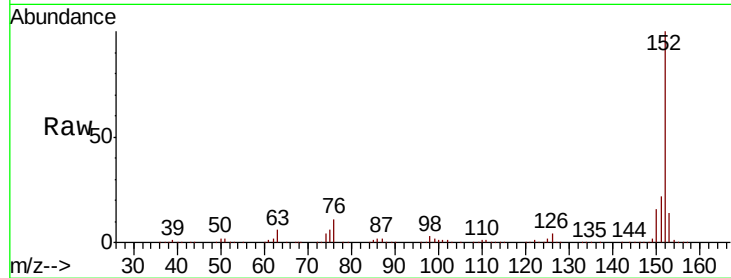
#49
Acenaphthylene
Concen: 43.878 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	14.5	11.0	16.6

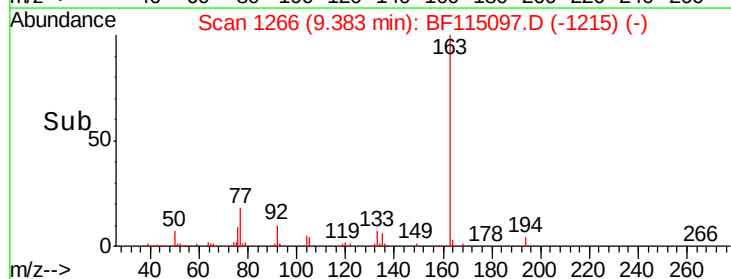
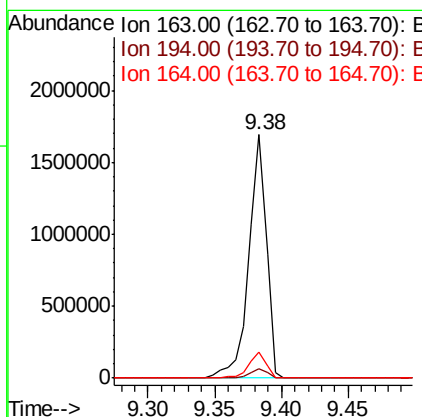
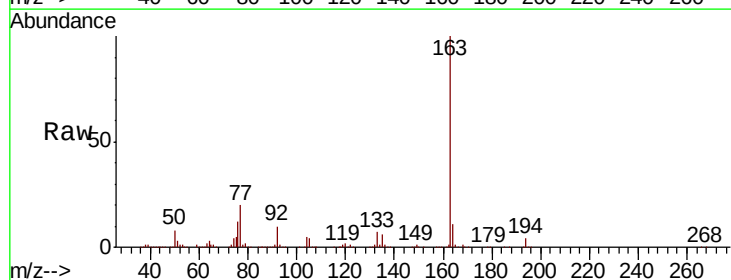
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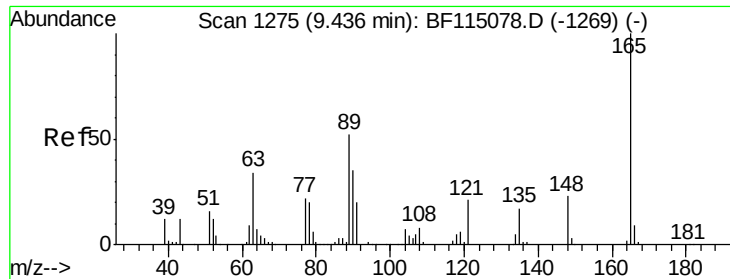
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#50
Dimethylphthalate
Concen: 43.285 ng
RT: 9.38 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.9	8.6	13.0





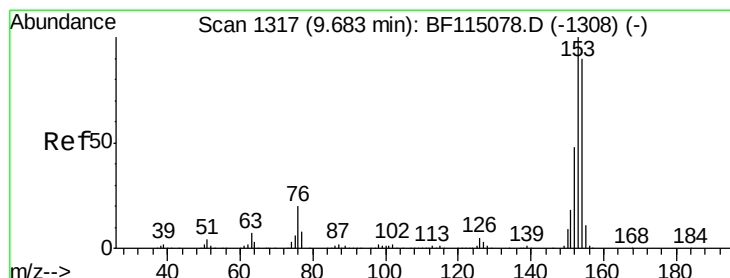
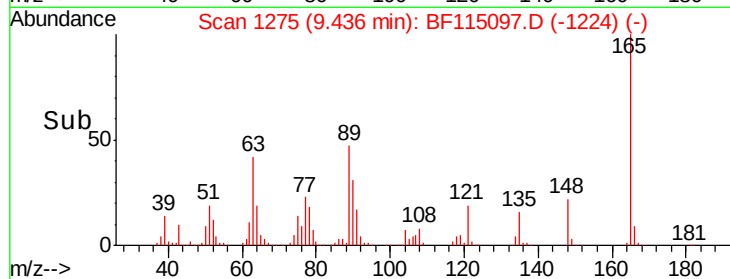
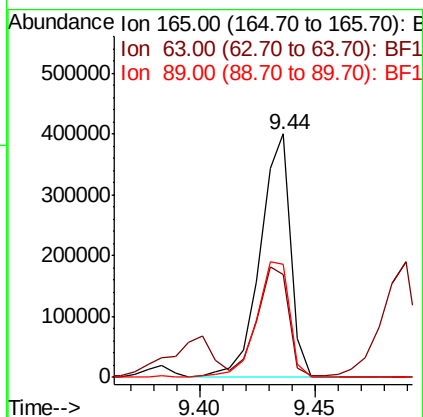
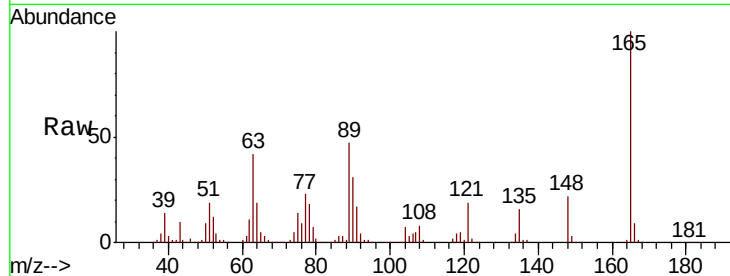
#51
 2,6-Dinitrotoluene
 Concen: 45.310 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleID :
 PB120612BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	366874		
63	42.1		39.4	59.2
89	46.6		42.0	63.0

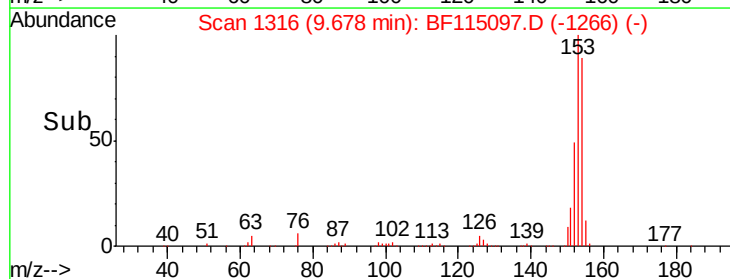
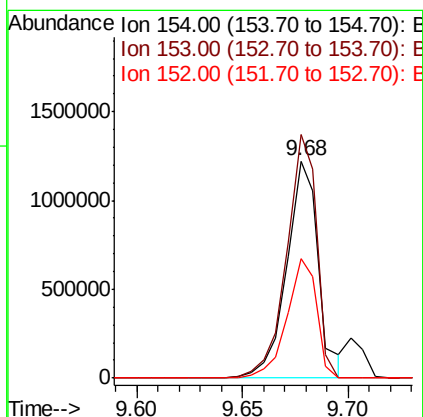
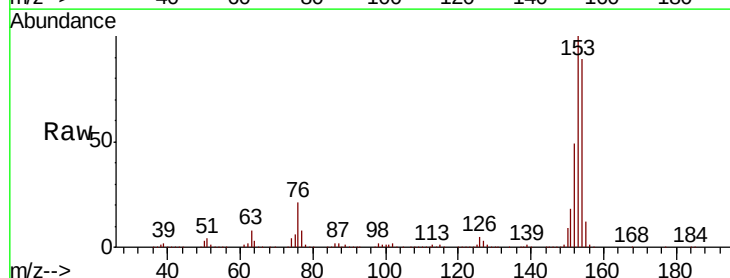
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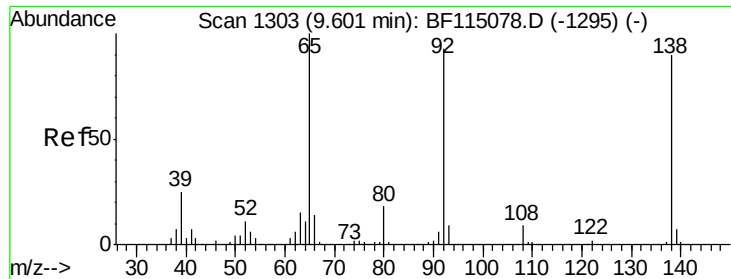
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#52
 Acenaphthene
 Concen: 42.471 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1281105		
153	112.0		88.7	133.1
152	54.8		42.6	64.0





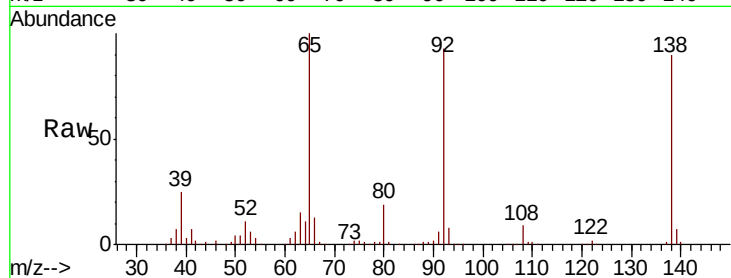
#53
 3-Nitroaniline
 Concen: 27.148 ng
 RT: 9.60 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.6
92	103.3	82.9	124.3

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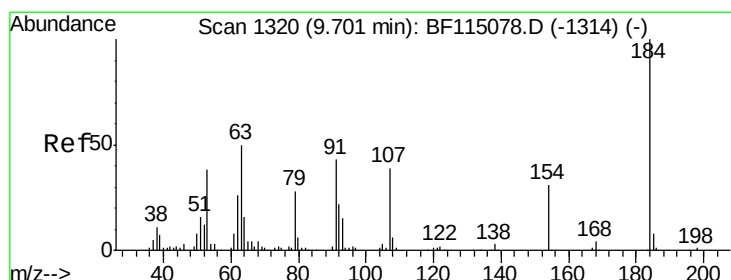
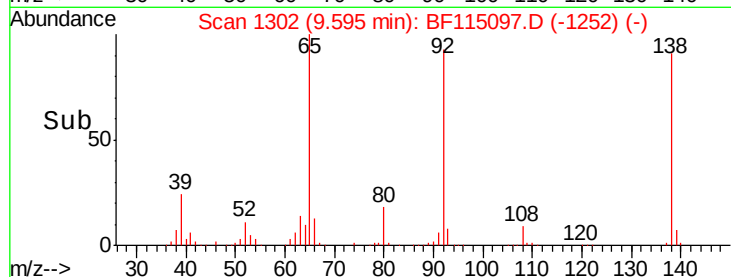
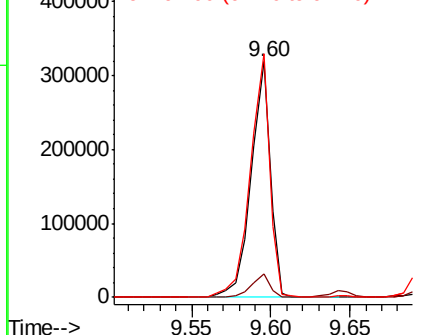


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 90.501 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

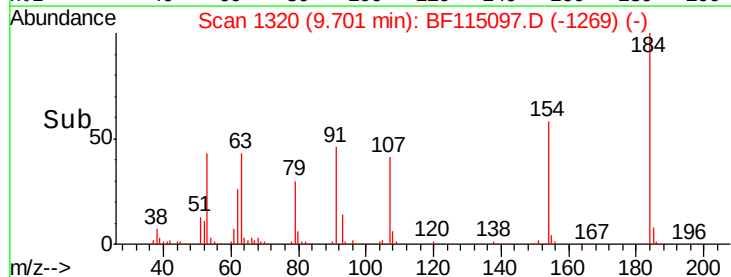
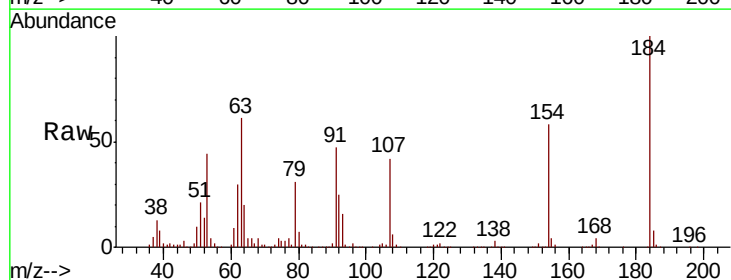
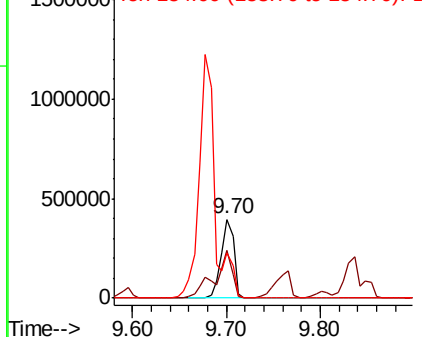
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	41.9	62.9
154	57.9	44.7	67.1

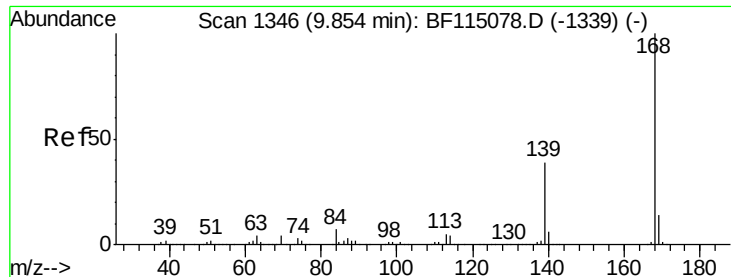
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





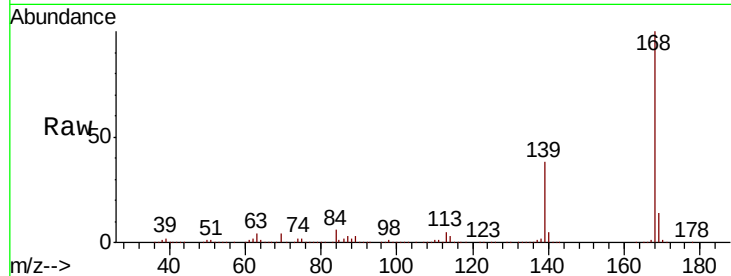
#55
Dibenzofuran
Concen: 42.198 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.1	46.7
169	14.1	11.3	16.9

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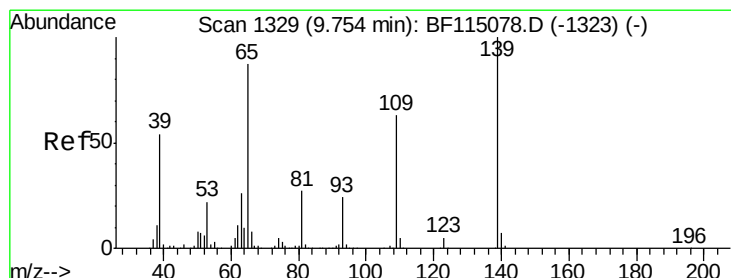
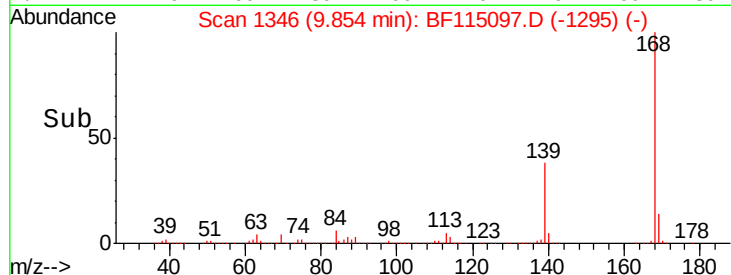
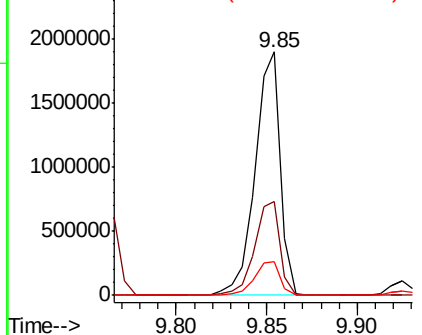


Abundance

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: 82.514 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

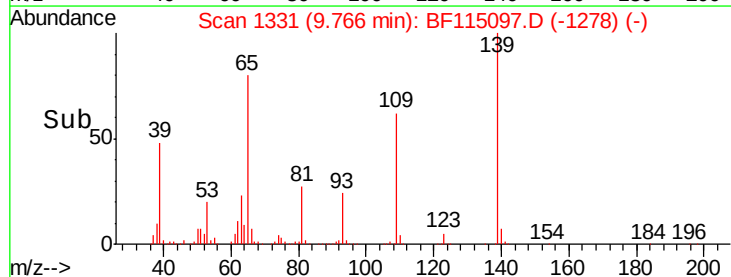
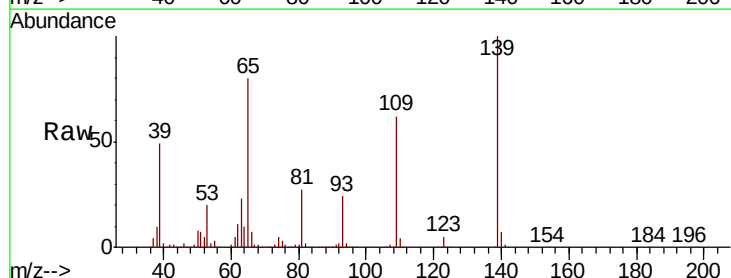
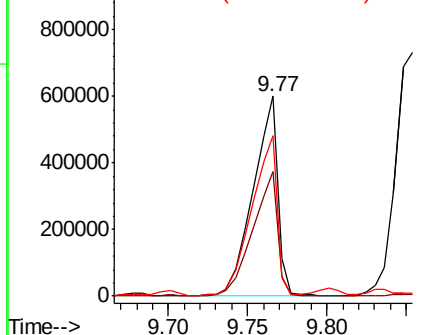
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.4	43.0	83.0
65	80.1	67.0	107.0

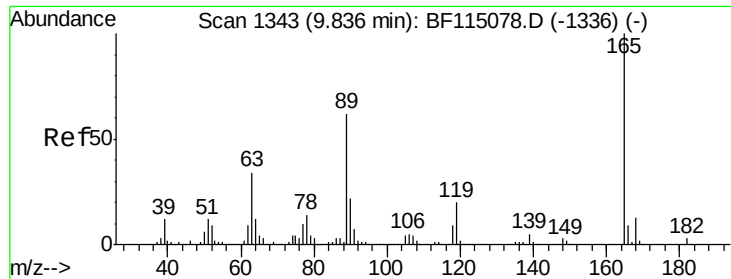
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





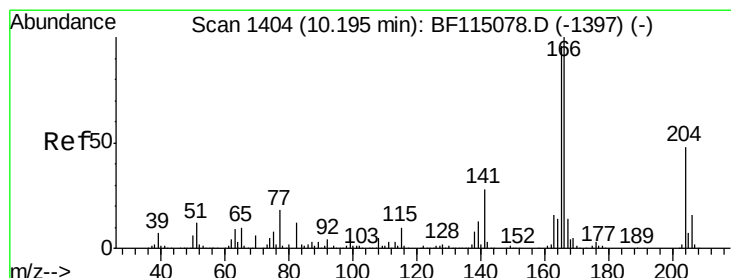
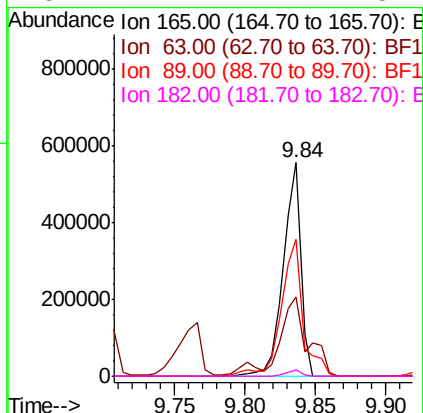
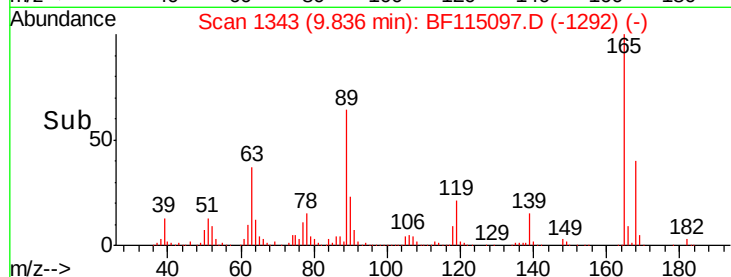
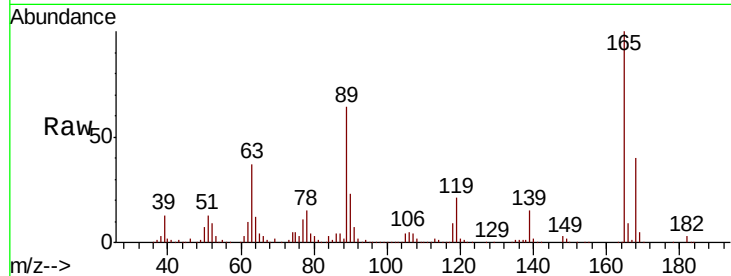
#57
 2,4-Dinitrotoluene
 Concen: 46.028 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		481214		
63	37.4	27.5	41.3		
89	64.0	49.9	74.9		
182	2.7	2.1	3.1		

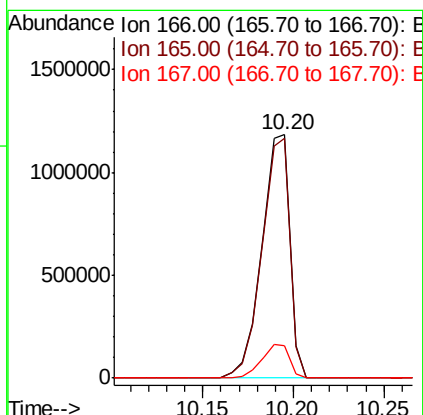
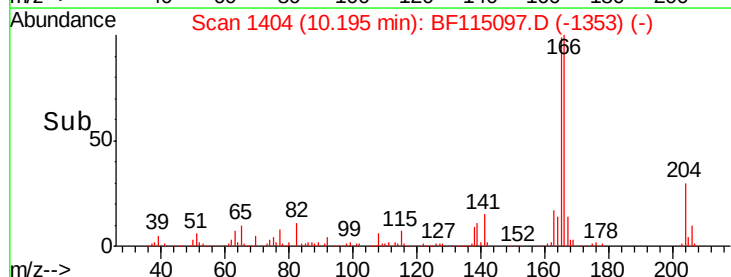
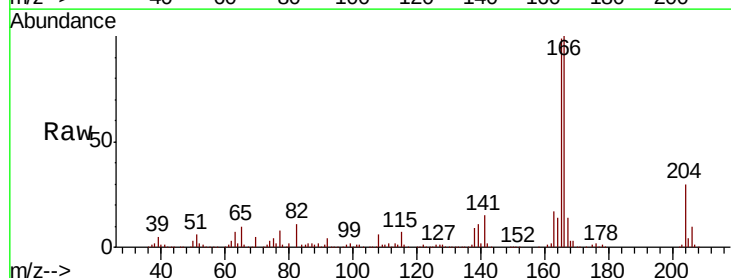
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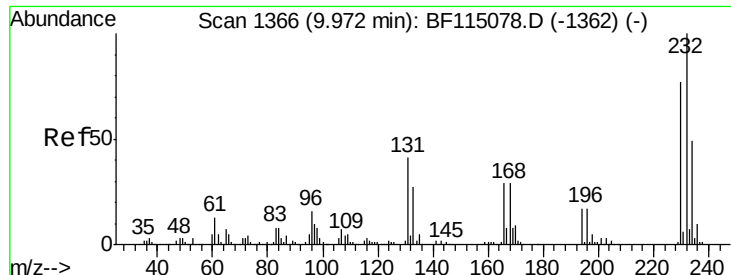
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#58
 Fluorene
 Concen: 44.062 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1274018		
165	98.7	76.5	114.7		
167	13.6	11.0	16.4		





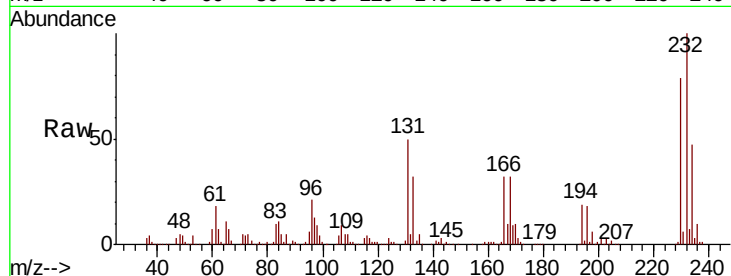
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.568 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

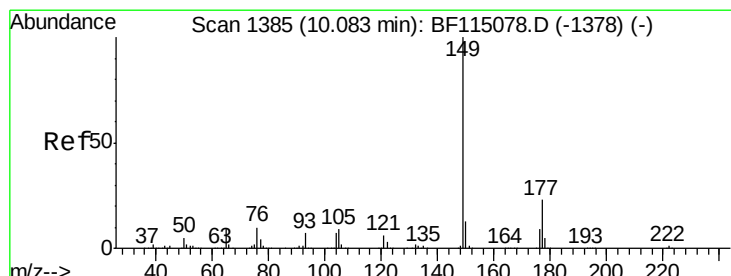
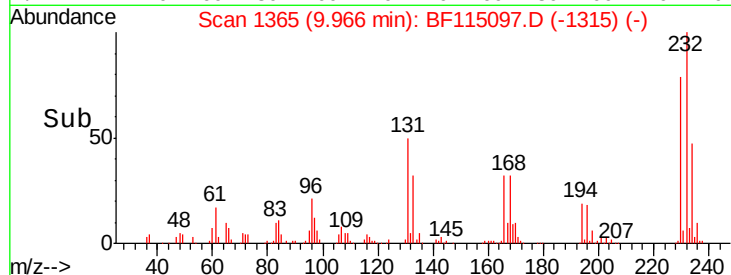
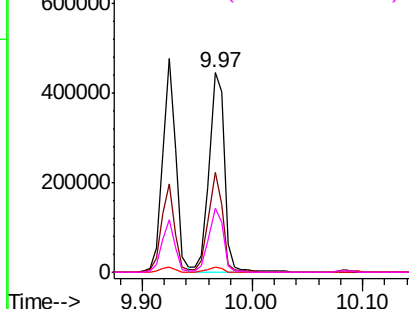
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.4	56.0
130	2.2	1.8	2.6
166	30.5	24.6	36.8

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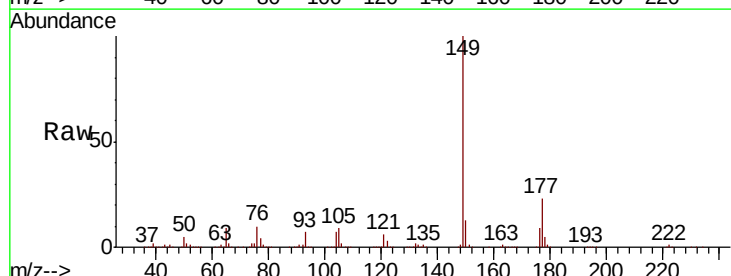


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

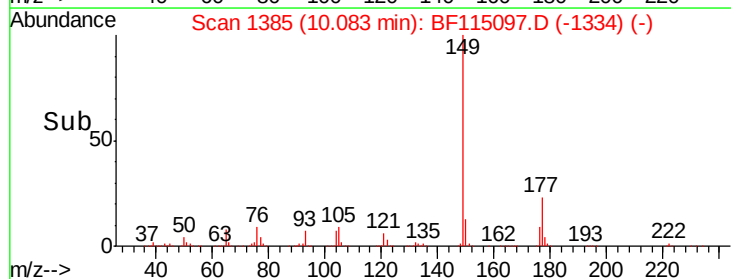
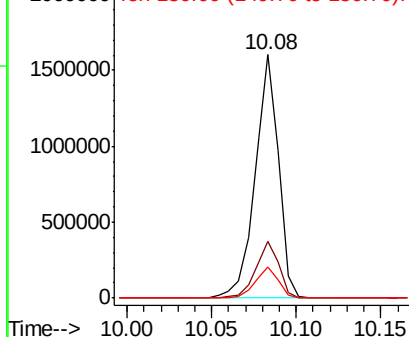


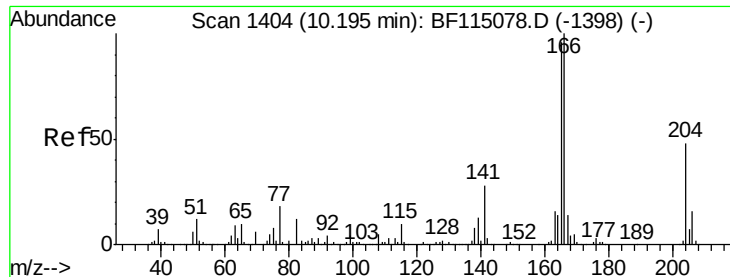
#60
 Diethylphthalate
 Concen: 43.790 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.7	28.1
150	13.0	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





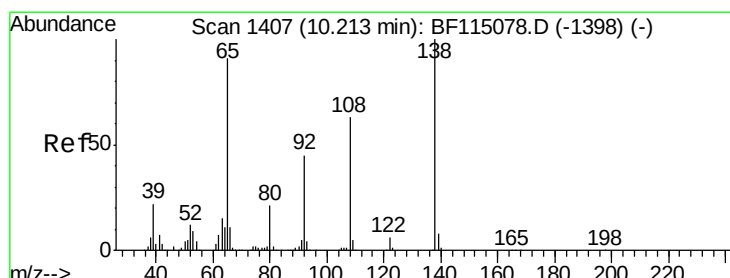
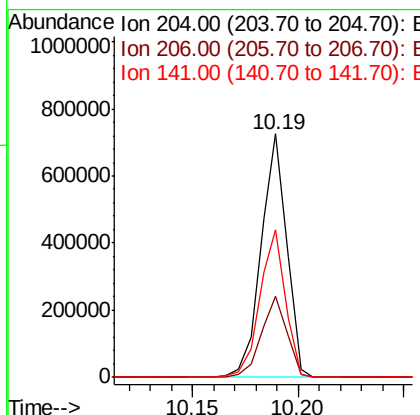
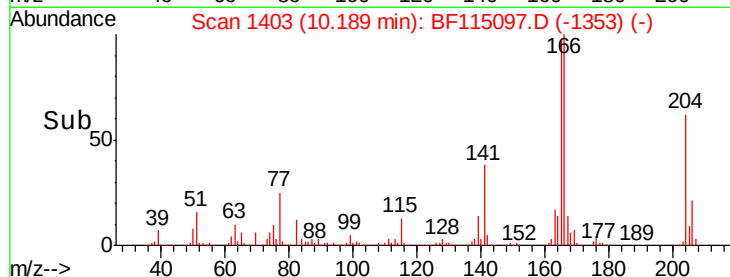
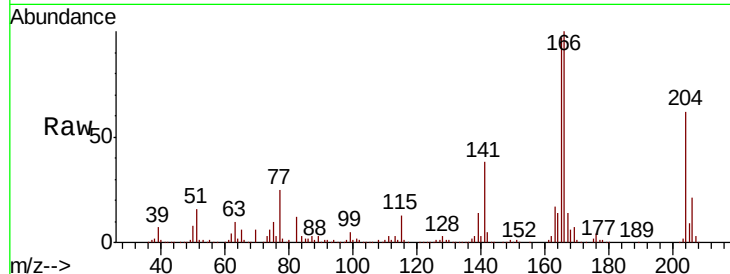
#61
4-Chlorophenyl-phenylether
Concen: 44.633 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	60.9	46.7	70.1

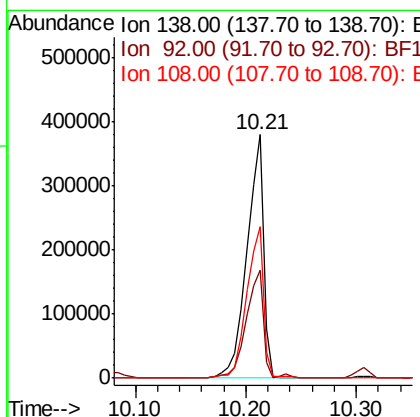
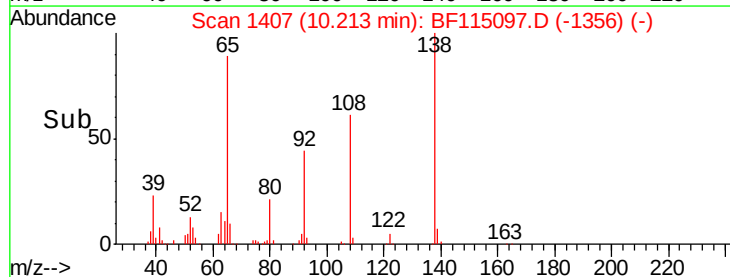
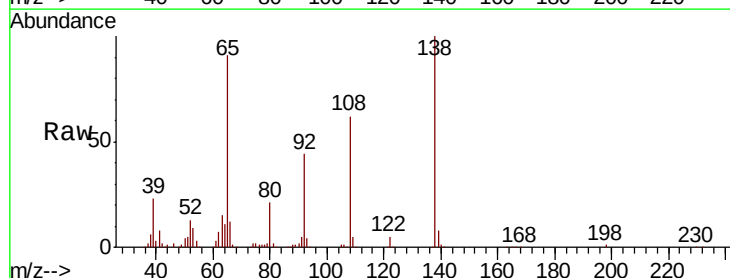
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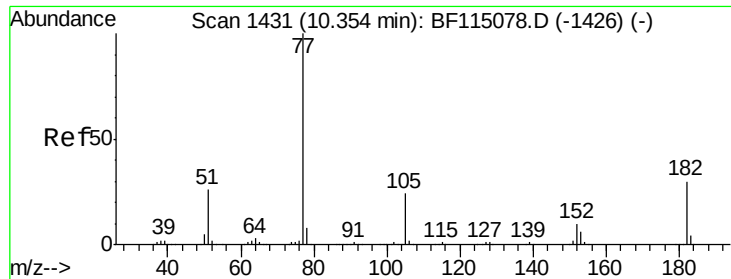
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#62
4-Nitroaniline
Concen: 41.045 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.4	24.8	64.8
108	62.4	43.3	83.3





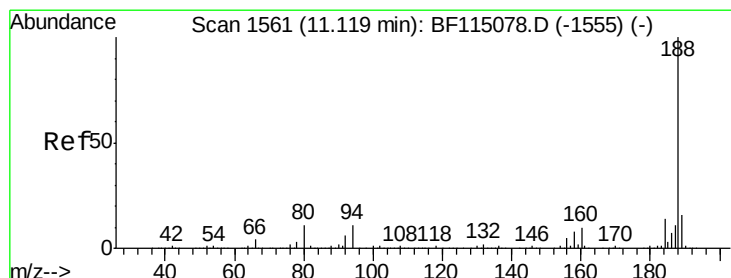
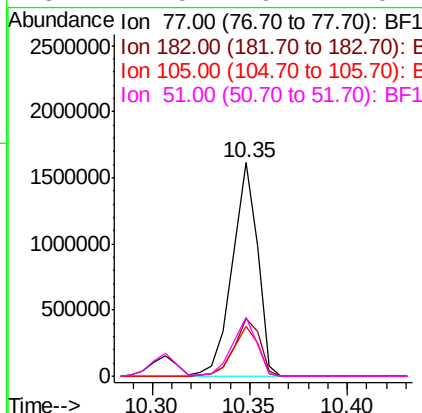
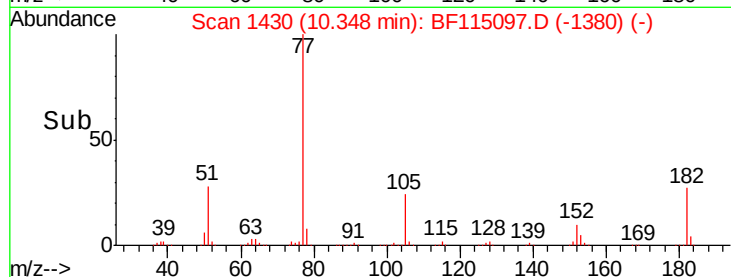
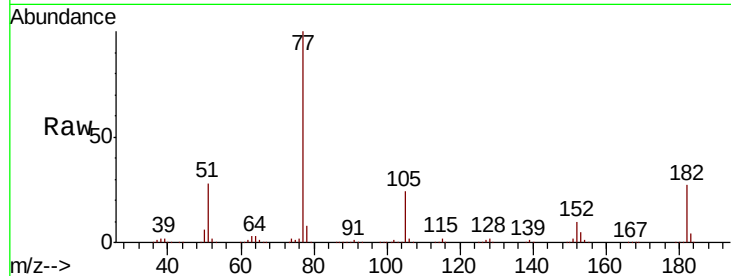
#63
Azobenzene
Concen: 43.857 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	10.1	50.1
105	23.6	4.5	44.5
51	27.5	6.4	46.4

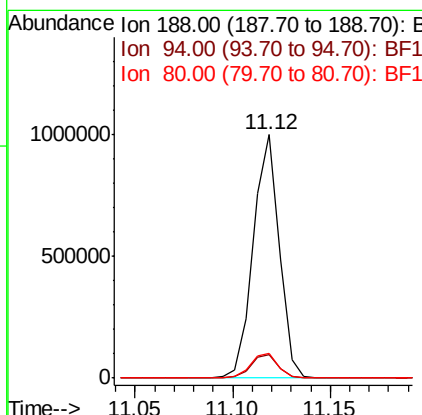
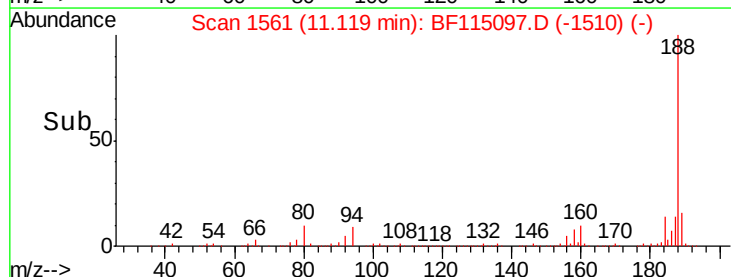
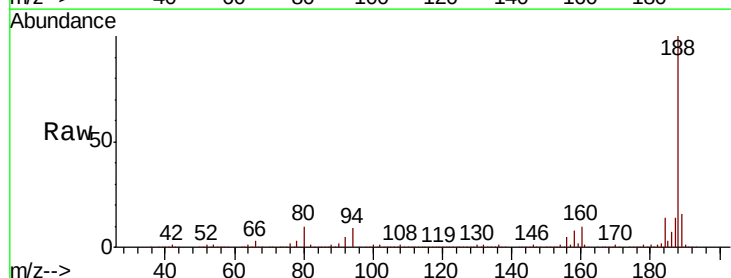
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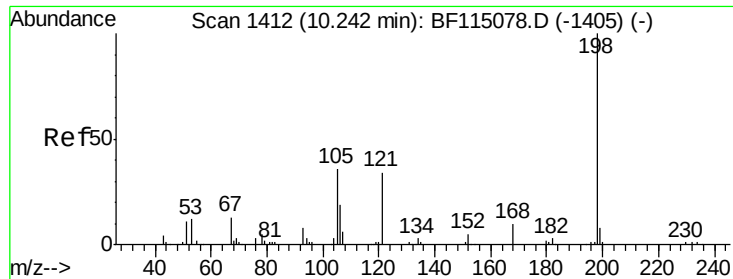
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.6	12.8
80	9.9	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 46.160 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

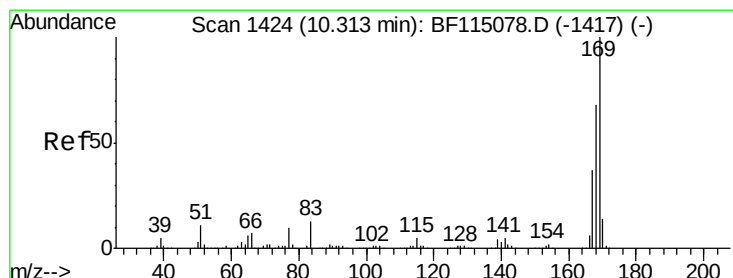
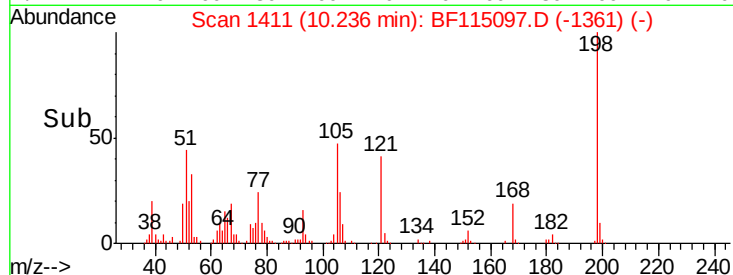
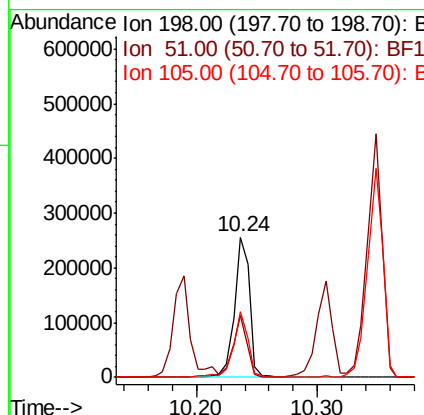
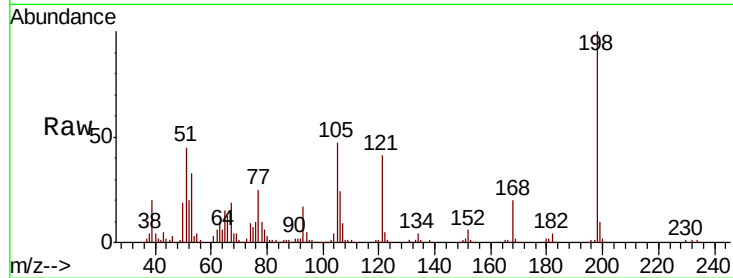
ClientSampleId :

PB120612BSD

Tot Ion:	198	Resp:	224715
Ion Ratio	Lower	Upper	
198	100		
51	44.5	11.0	51.0
105	46.7	17.3	57.3

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#66

n-Nitrosodiphenylamine

Concen: 45.075 ng

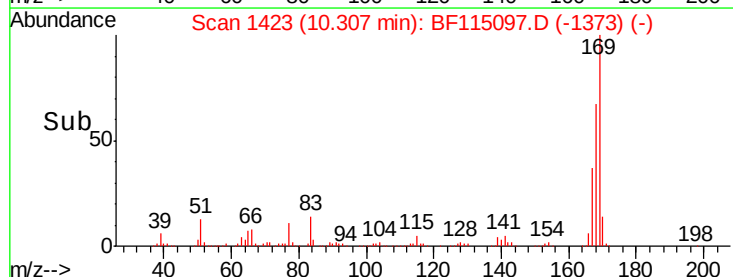
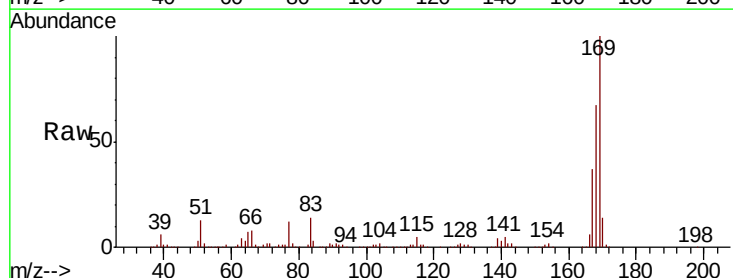
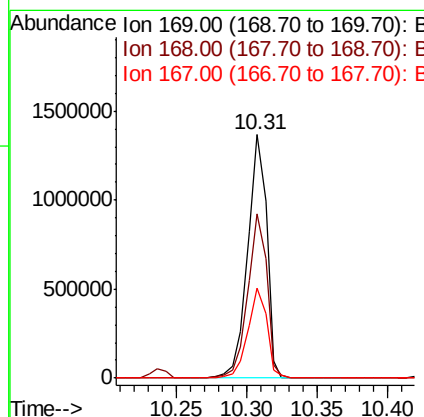
RT: 10.31 min Scan# 1423

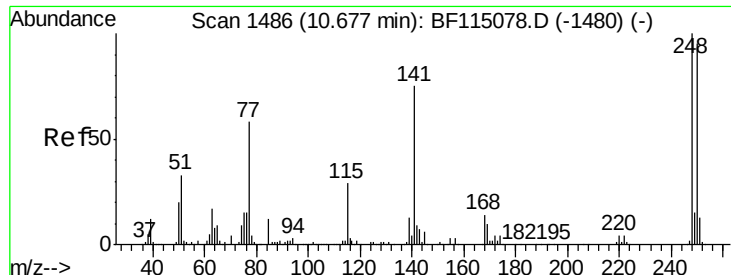
Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:	169	Resp:	1290752
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.4
167	37.1	29.4	44.0





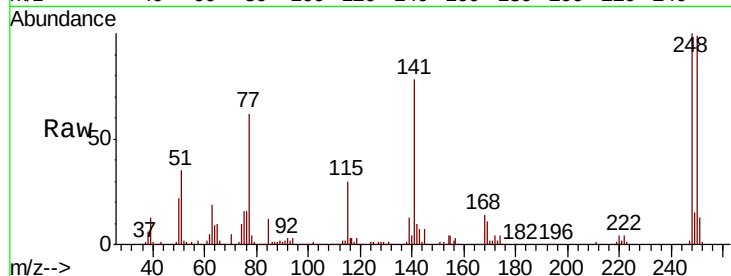
#67
 4-Bromophenyl-phenylether
 Concen: 44.304 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

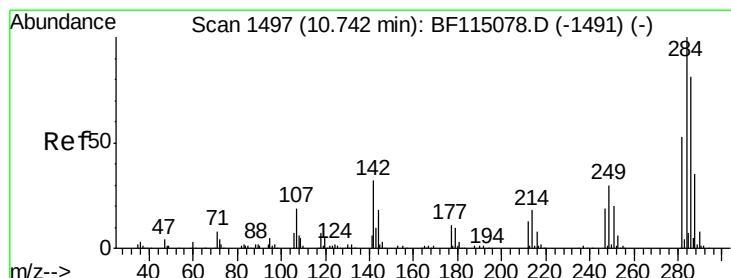
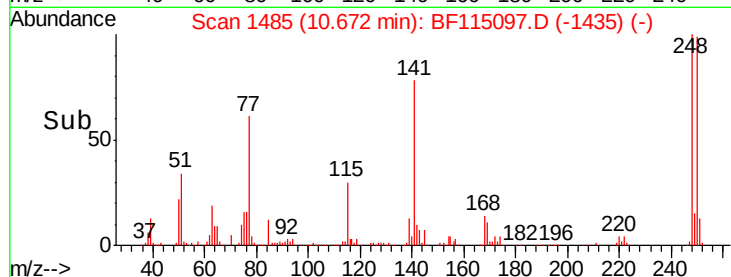
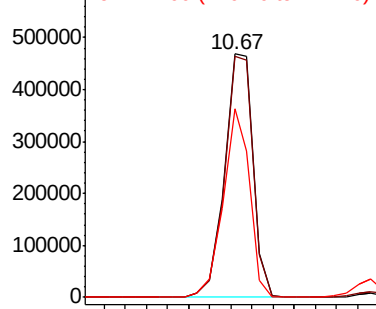
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.2	114.2
141	77.6	59.6	89.4

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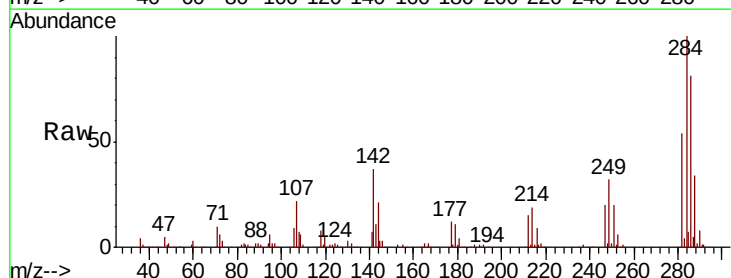


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

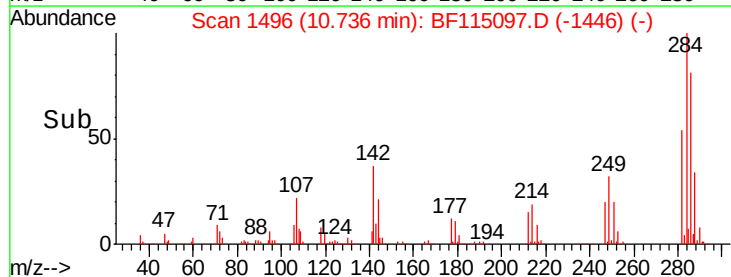
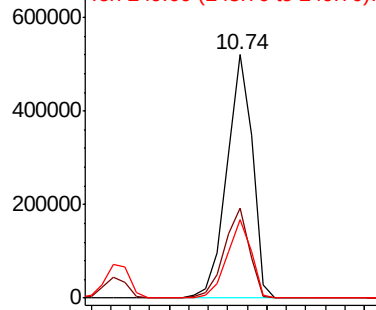


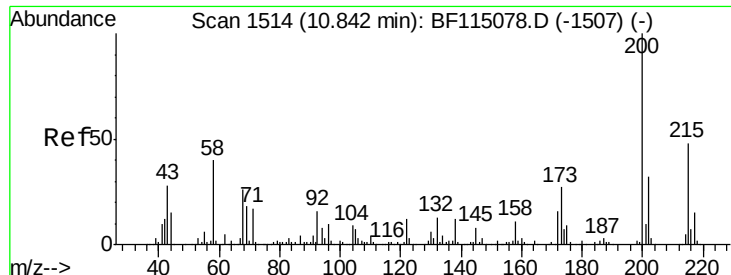
#68
 Hexachlorobenzene
 Concen: 43.517 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	25.8	38.8
249	32.2	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





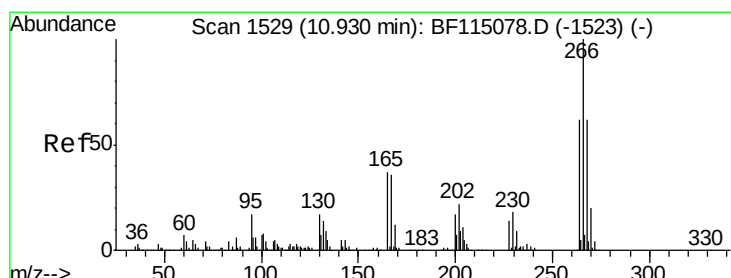
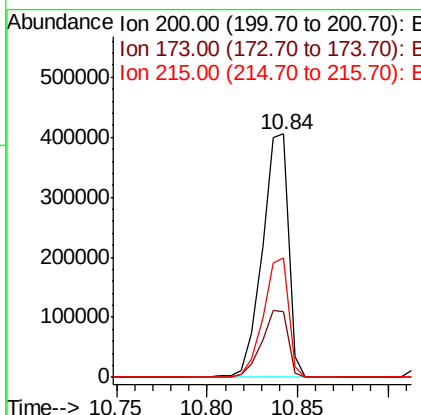
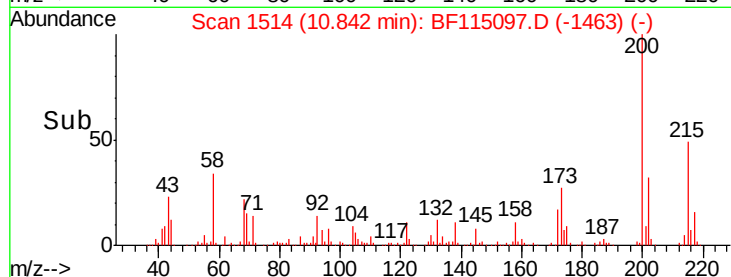
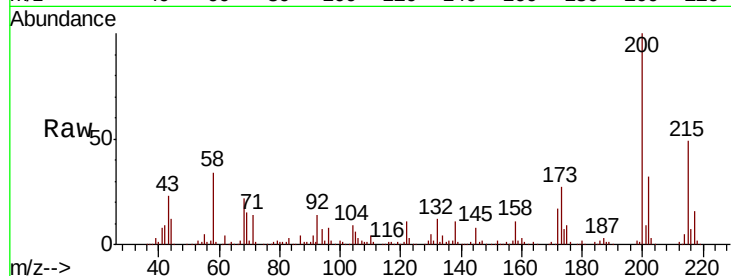
#69
Atrazine
Concen: 44.000 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	7.4	47.4
215	49.0	27.8	67.8

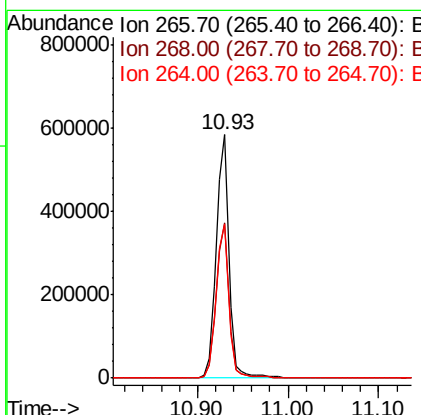
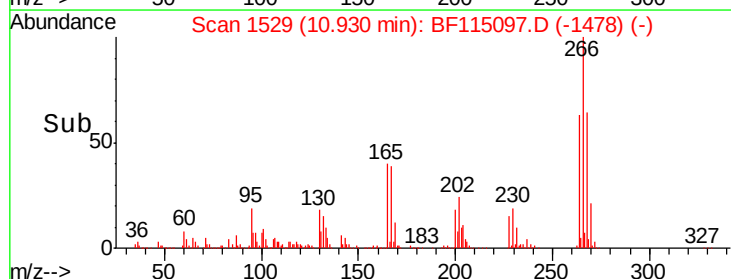
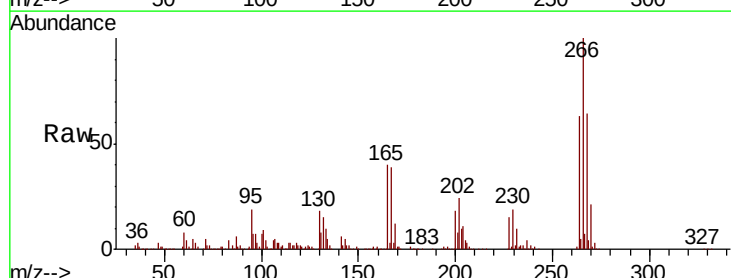
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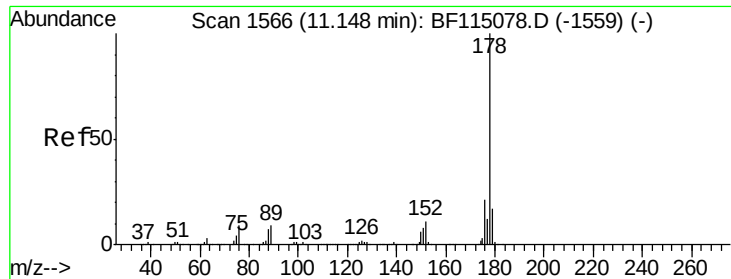
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#70
Pentachlorophenol
Concen: 82.198 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	49.5	74.3
264	63.4	49.3	73.9





#71

Phenanthrene

Concen: 42.101 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

PB120612BSD

Tot Ion:178 Resp: 2083461

Ion Ratio Lower Upper

178 100

176 21.1 16.9 25.3

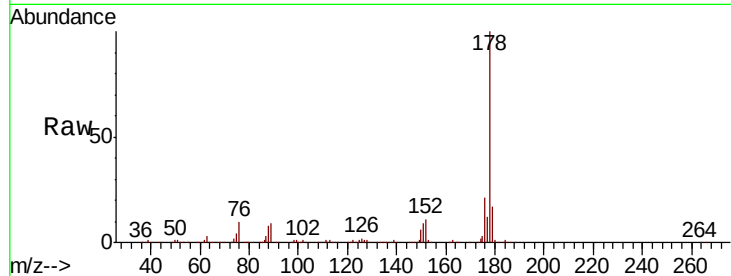
179 16.5 13.2 19.8

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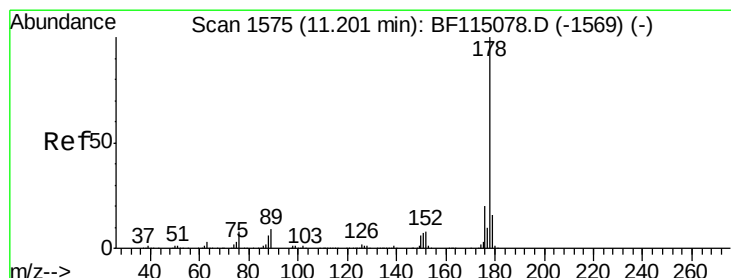
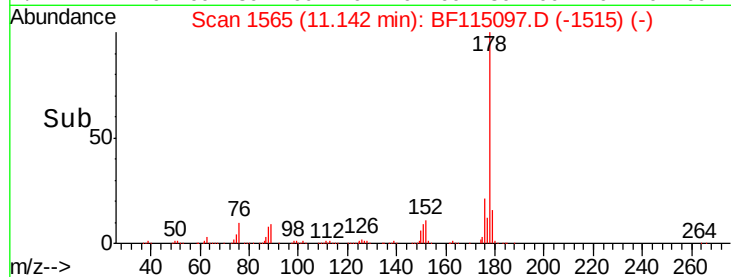
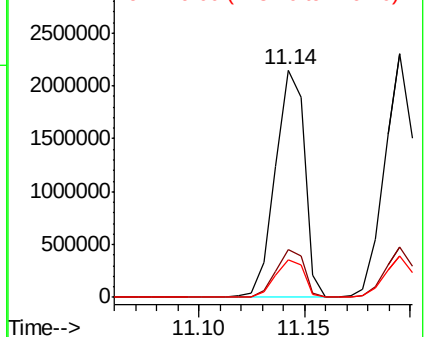


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.112 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Tgt Ion:178 Resp: 2153637

Ion Ratio Lower Upper

178 100

176 20.7 16.1 24.1

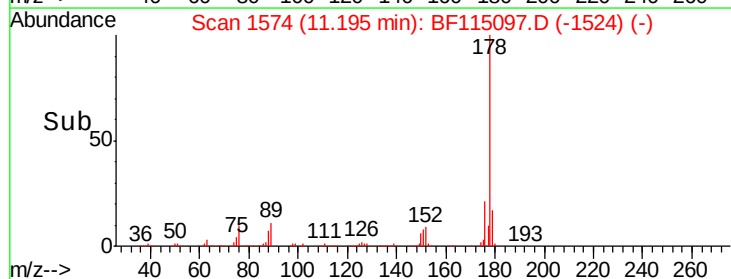
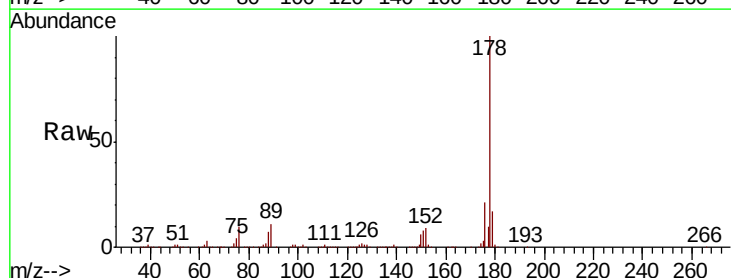
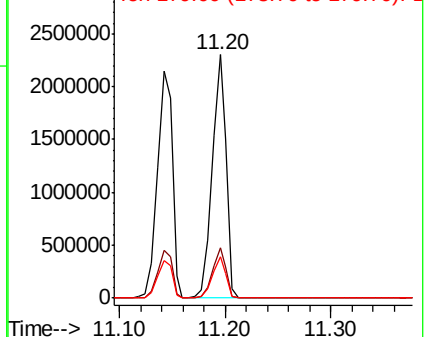
179 16.8 12.9 19.3

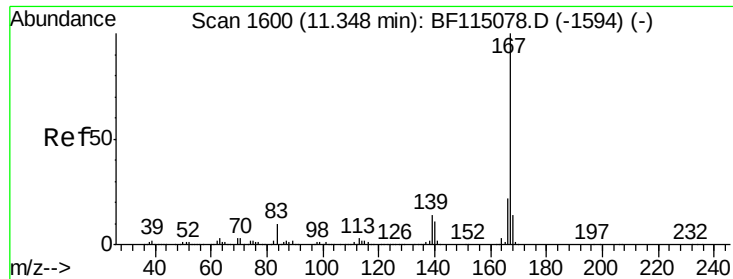
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





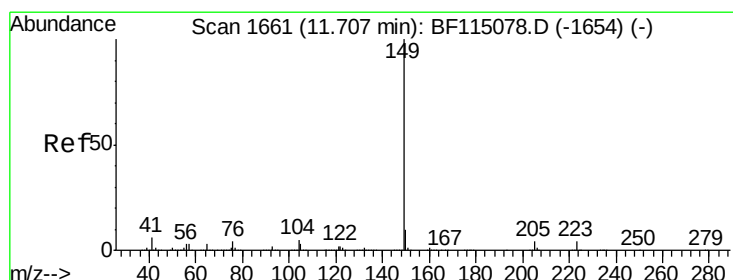
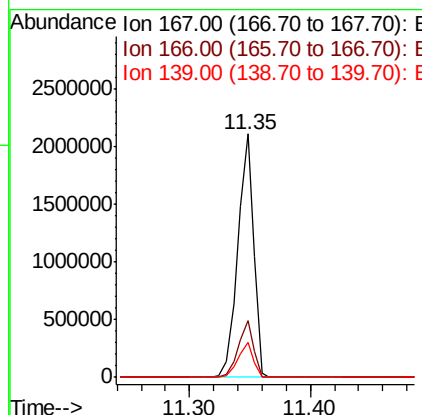
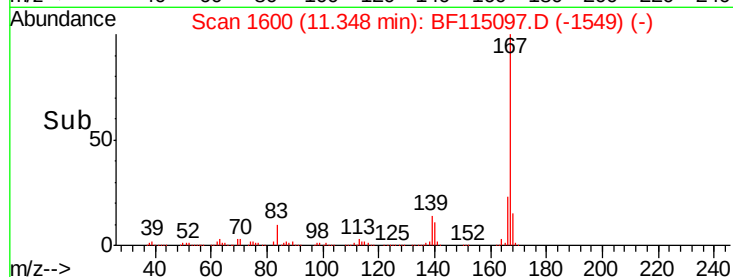
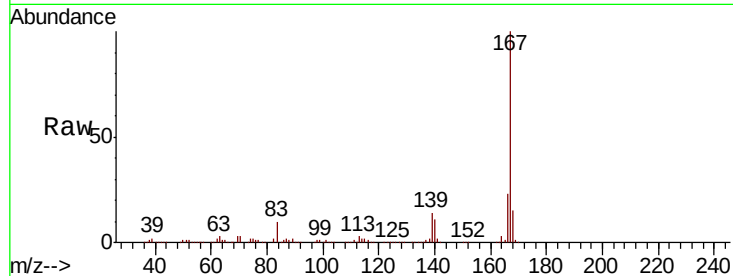
#73
 Carbazole
 Concen: 43.279 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

Tot Ion:167 Resp: 1930570
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.0 27.0
 139 14.5 11.1 16.7

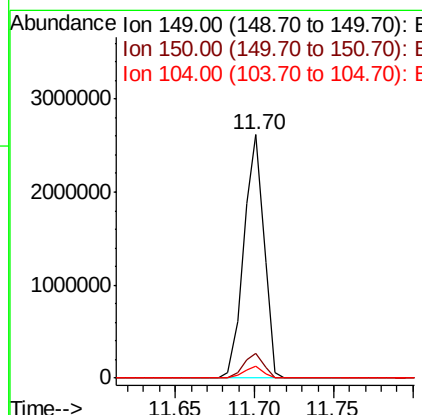
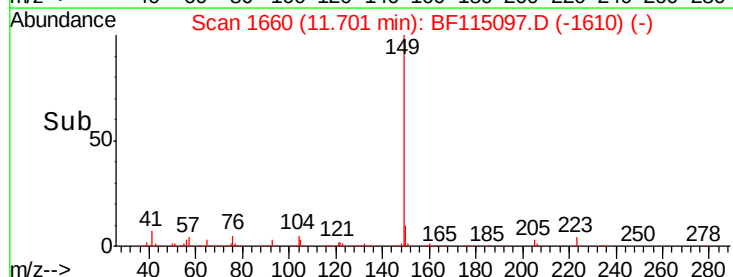
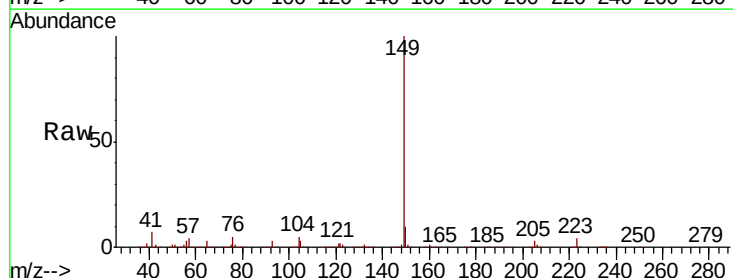
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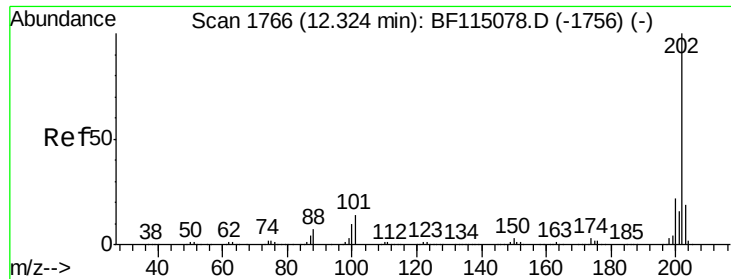
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.369 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion:149 Resp: 2287088
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.1 3.7 5.5





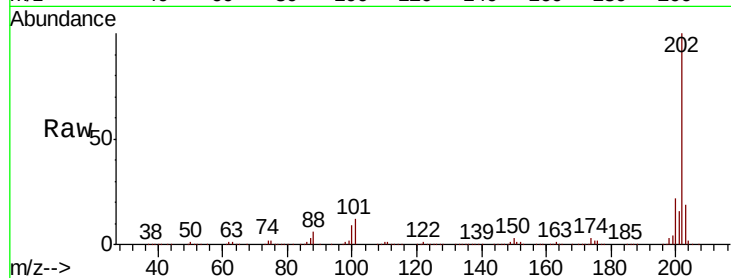
#75
 Fluoranthene
 Concen: 43.395 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BSD

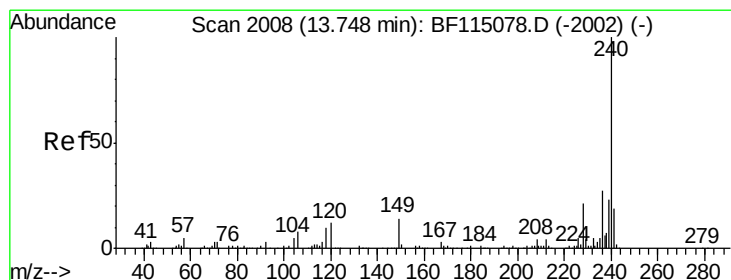
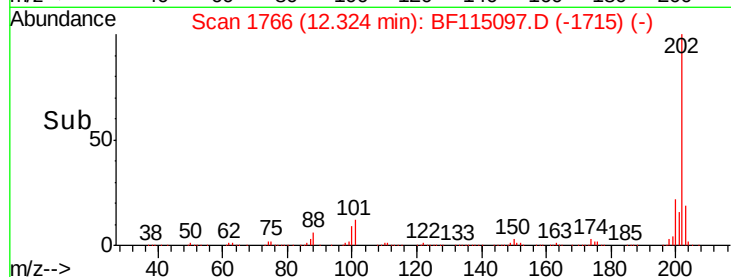
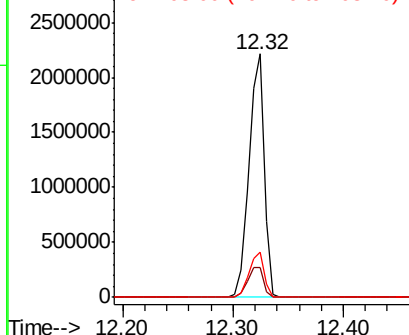
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.0
203	18.7	0.0	38.8

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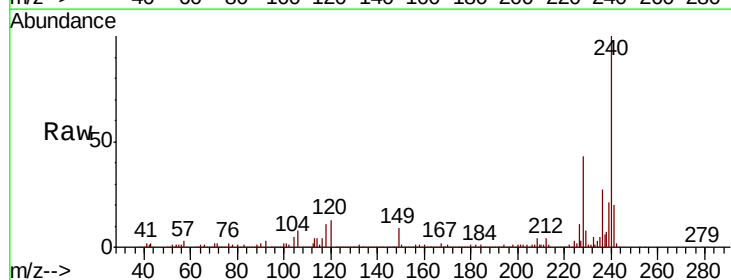


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

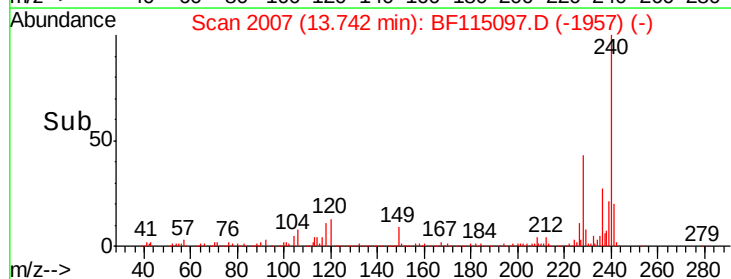
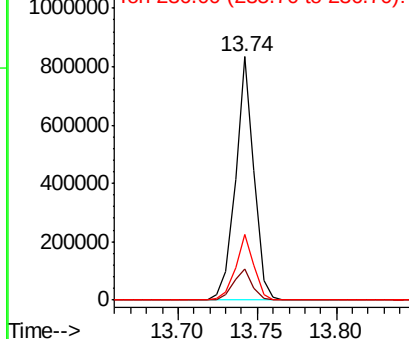


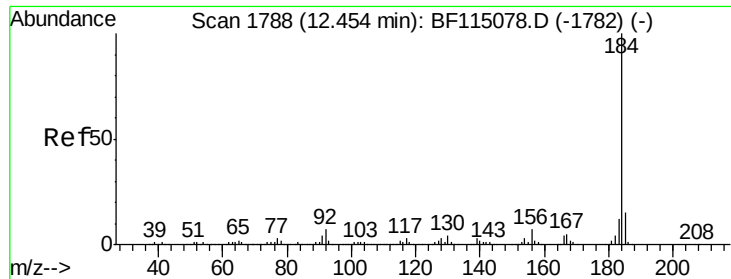
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115097.D
 Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.4	14.2
236	27.2	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





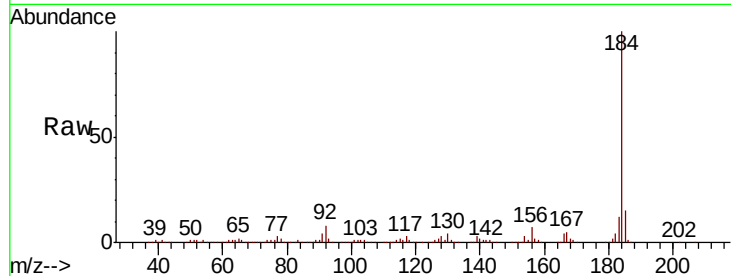
#77
Benzidine
Concen: 33.634 ng
RT: 12.45 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.2
183	11.7	9.6	14.4

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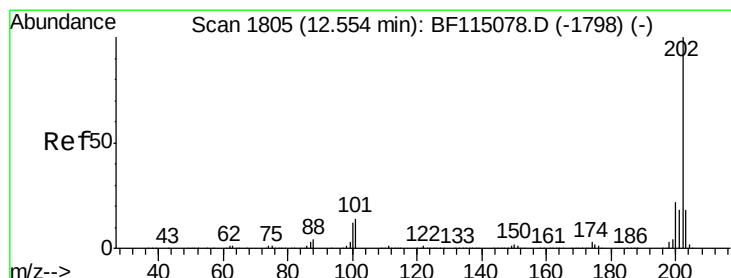
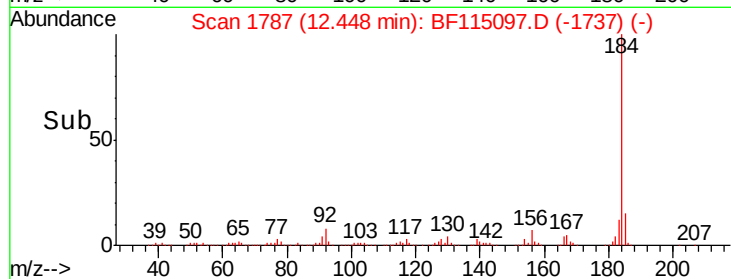
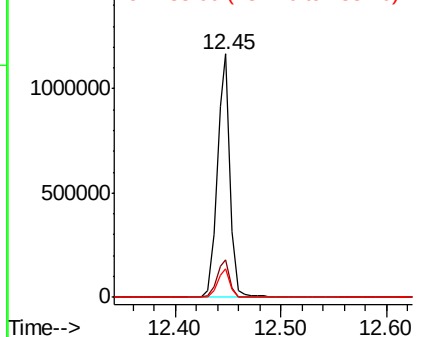


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 42.670 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

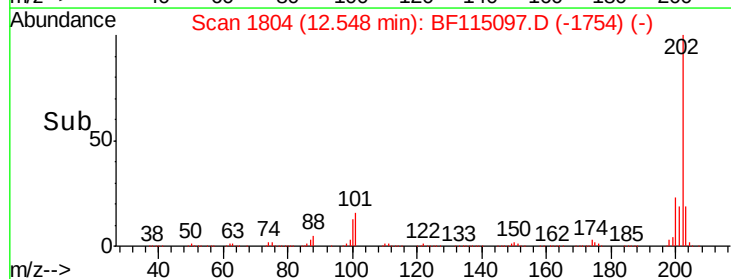
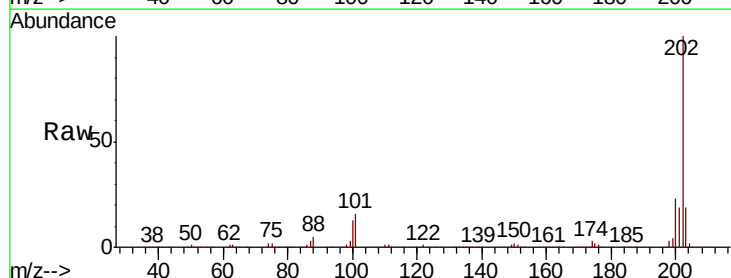
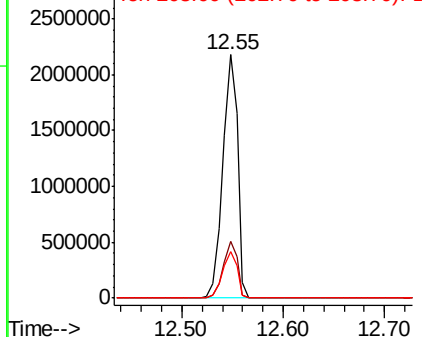
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.9	26.9
203	19.1	14.6	21.8

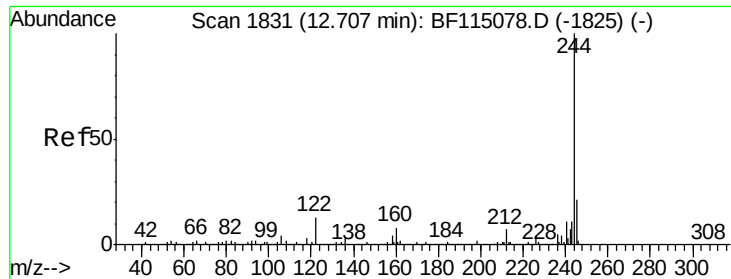
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





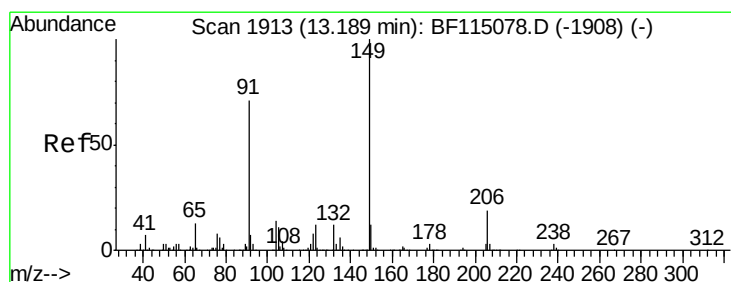
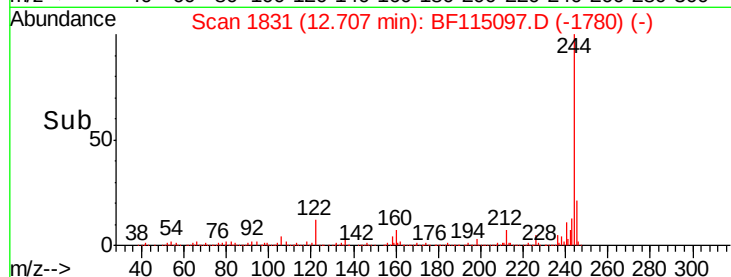
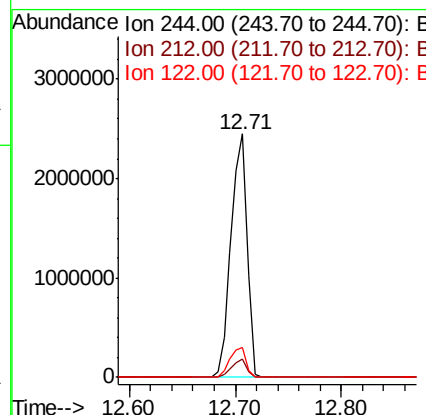
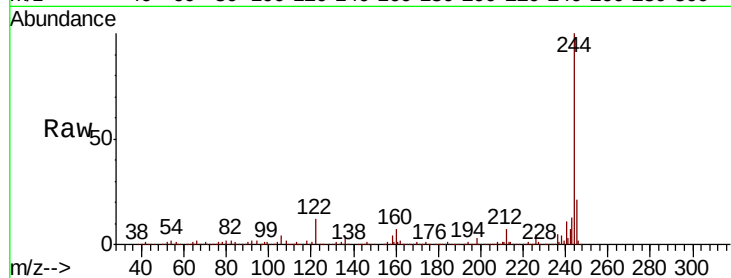
#79
Terphenyl-d14
Concen: 81.828 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion:244 Resp: 2578086
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.2 10.4 15.6

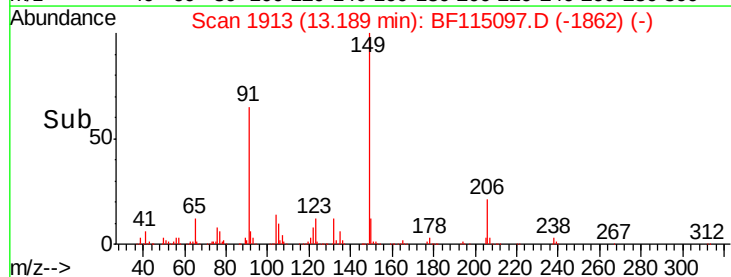
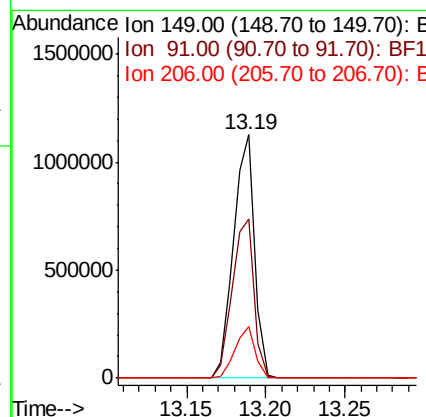
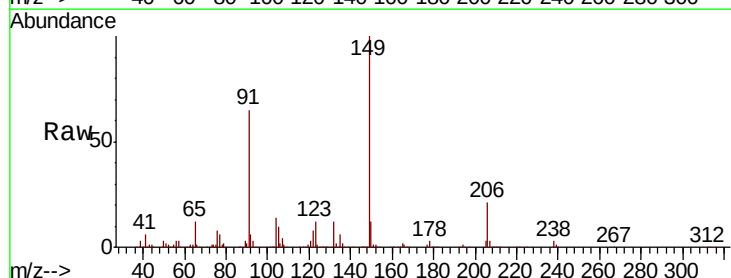
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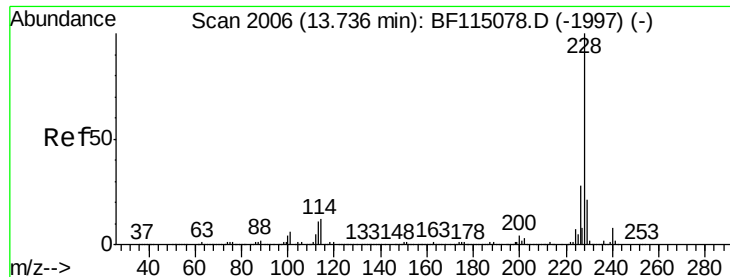
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#80
Butylbenzylphthalate
Concen: 45.506 ng
RT: 13.19 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:149 Resp: 1033833
Ion Ratio Lower Upper
149 100
91 65.3 56.5 84.7
206 21.0 15.3 22.9





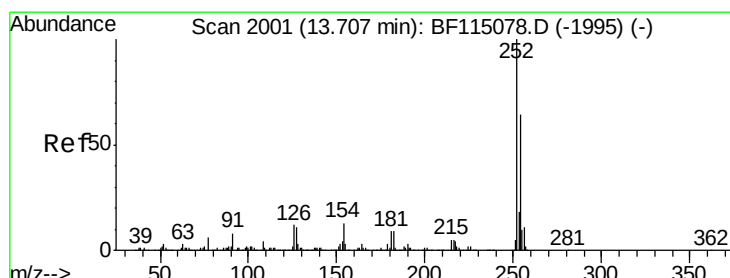
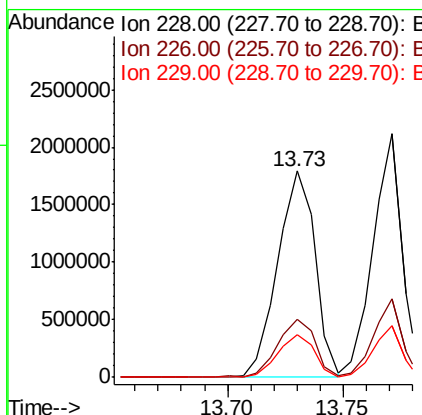
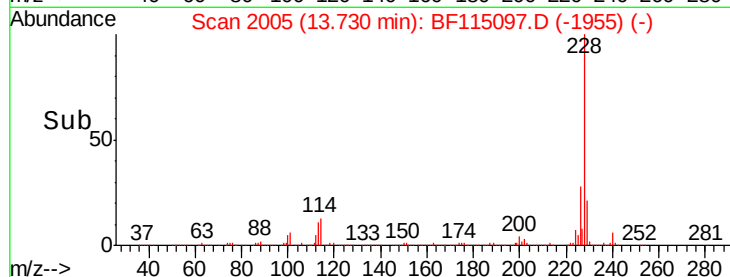
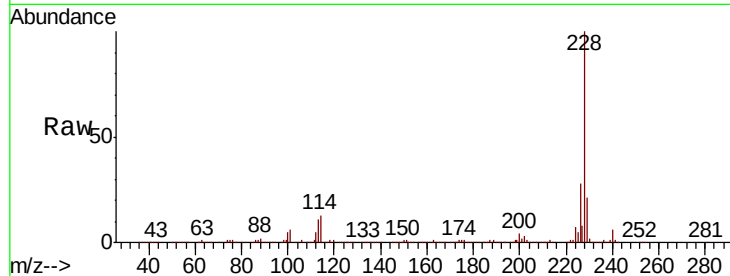
#81
Benzo(a)anthracene
Concen: 41.889 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion:228 Resp: 2013425
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 20.7 16.6 24.8

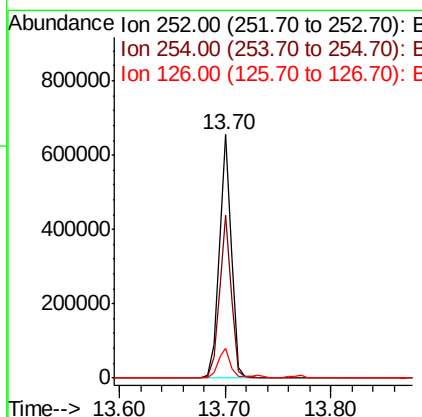
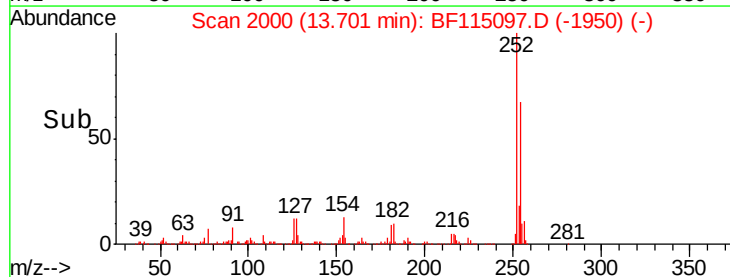
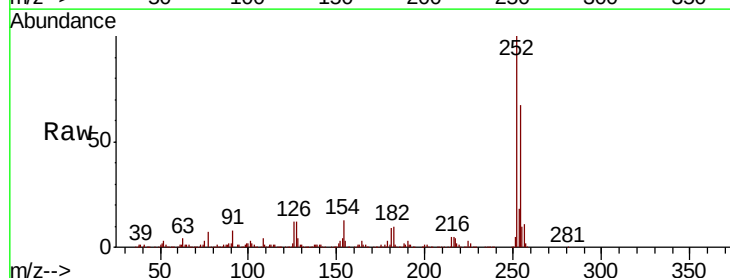
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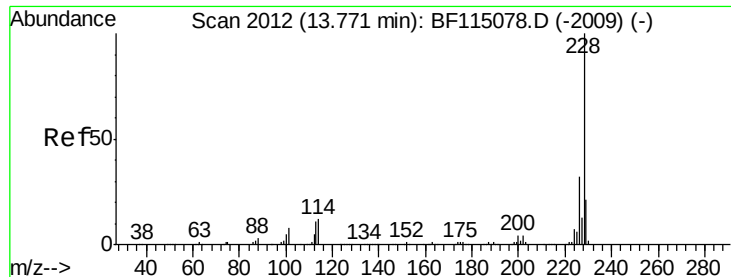
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#82
3,3'-Dichlorobenzidine
Concen: 30.923 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion:252 Resp: 536733
Ion Ratio Lower Upper
252 100
254 66.9 51.1 76.7
126 12.2 9.4 14.0





#83

Chrysene

Concen: 41.893 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

Instrument :

BNA_F

ClientSampleId :

PB120612BSD

Tot Ion:228 Resp: 1844526

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

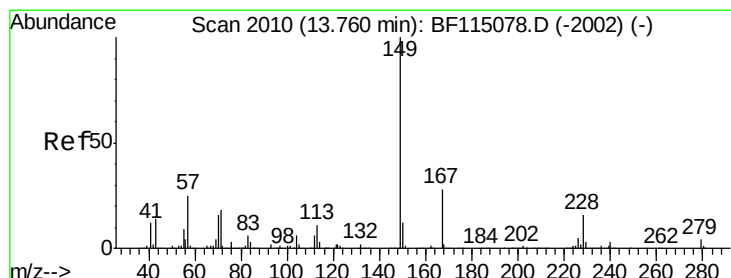
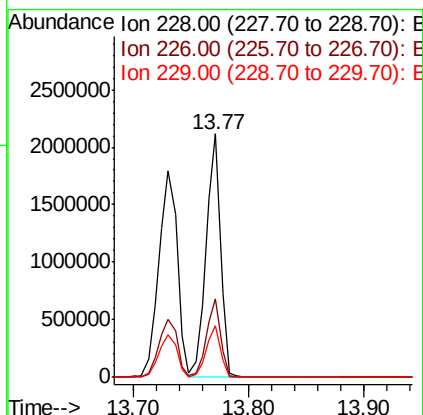
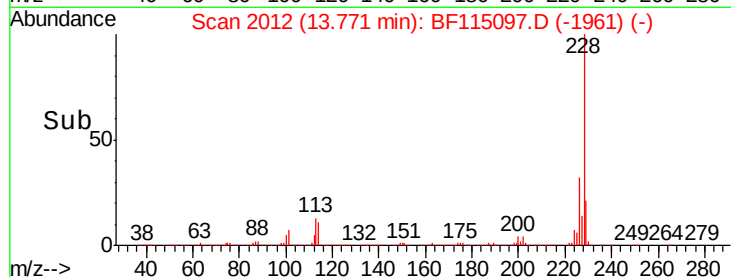
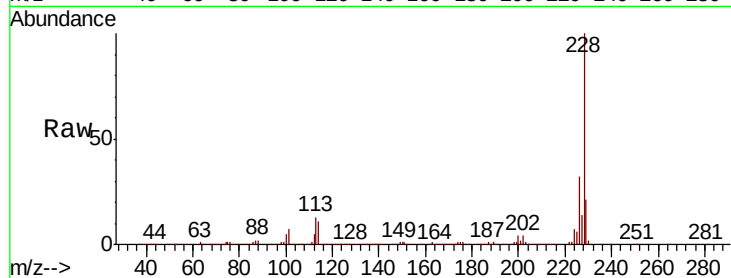
229 21.2 16.5 24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.329 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115097.D

Acq: 22 Jun 2019 00:04

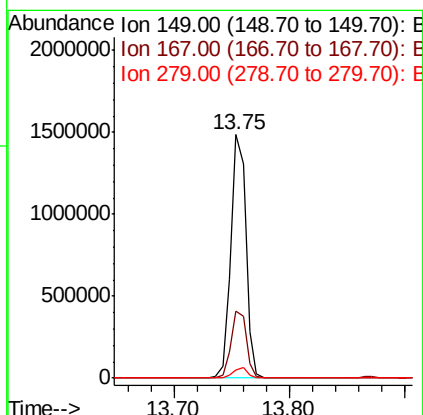
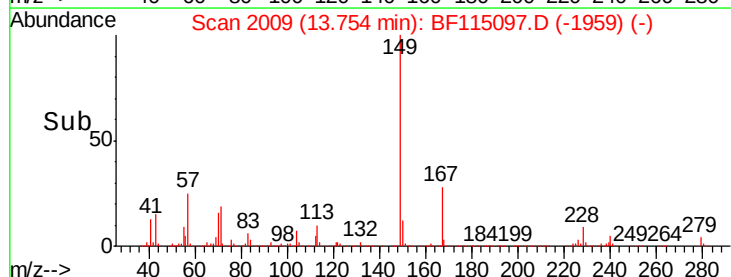
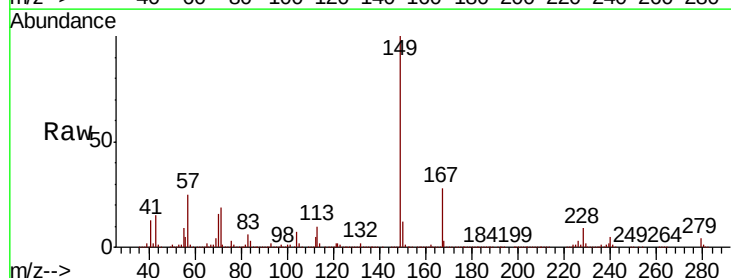
Tgt Ion:149 Resp: 1349396

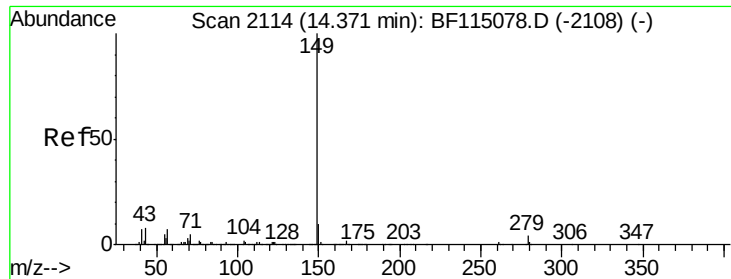
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 3.6 2.9 4.3





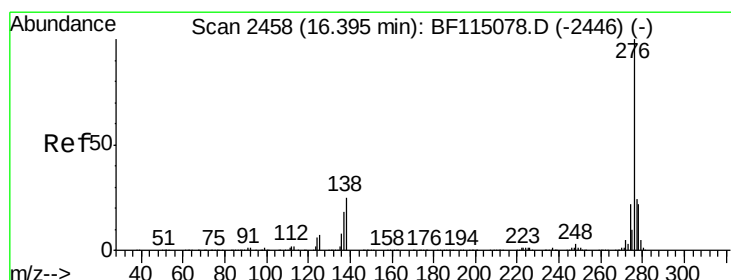
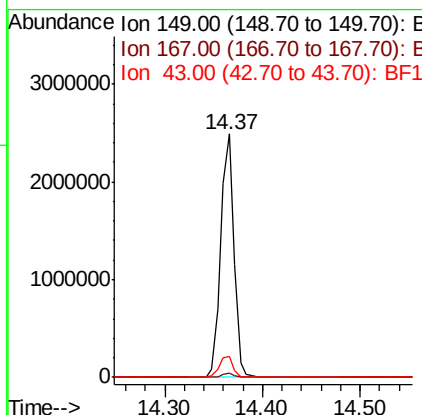
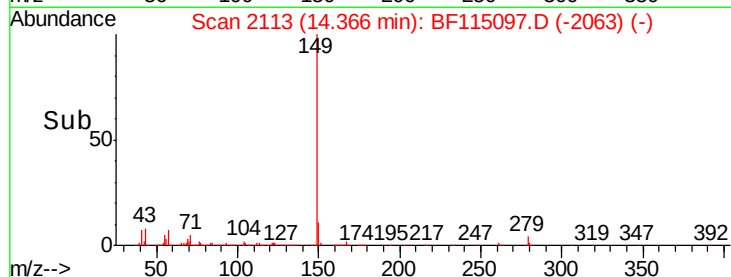
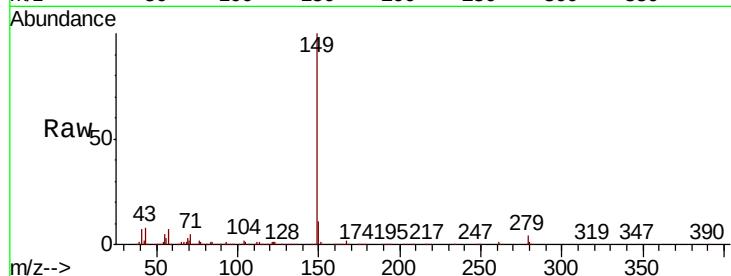
#85
Di-n-octyl phthalate
Concen: 46.749 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	7.0	10.6

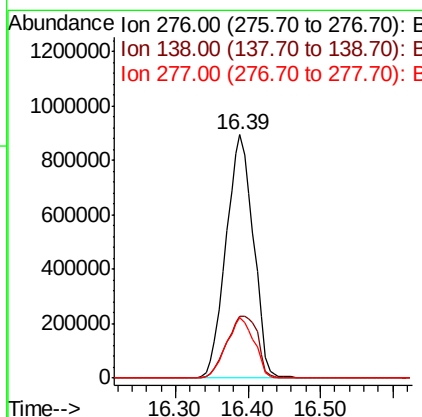
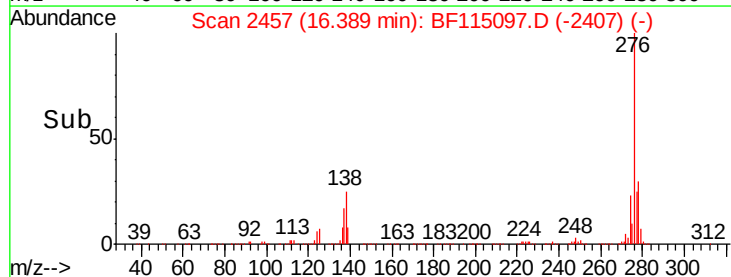
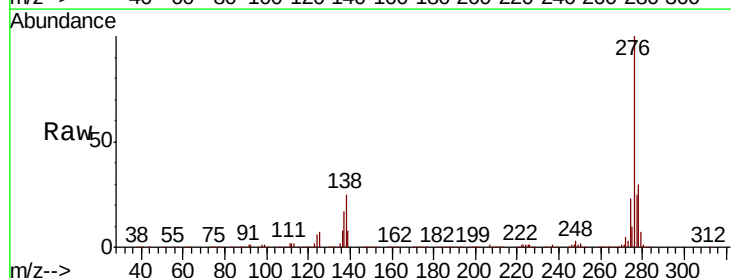
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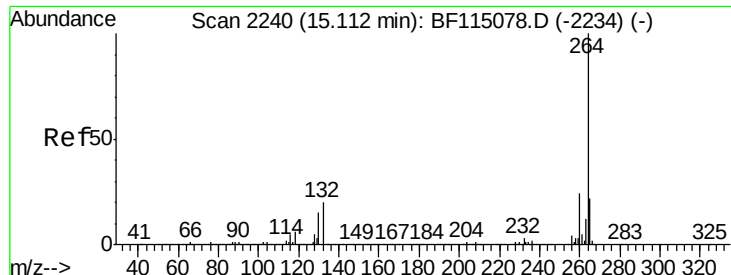
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.024 ng
RT: 16.39 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.2	34.8
277	25.5	20.1	30.1





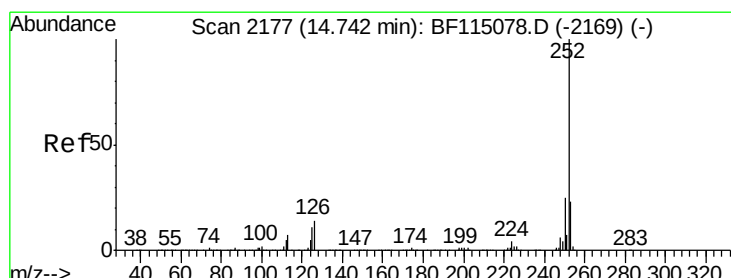
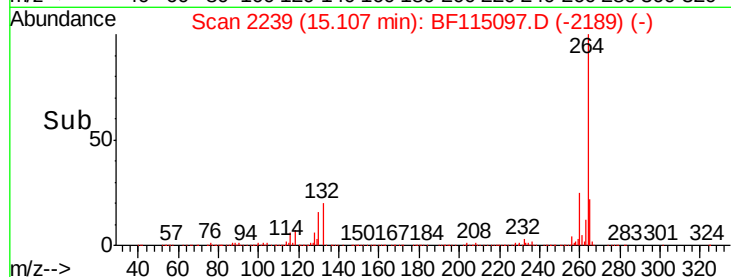
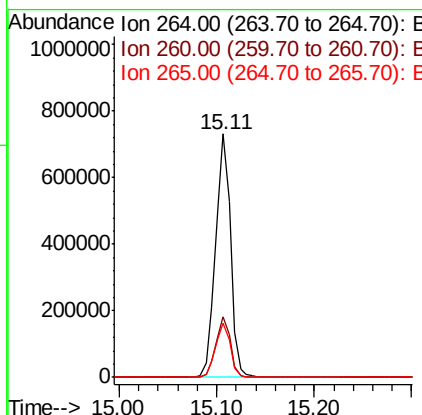
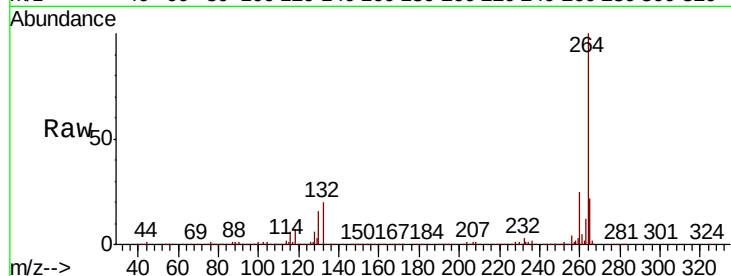
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.1	17.3	25.9

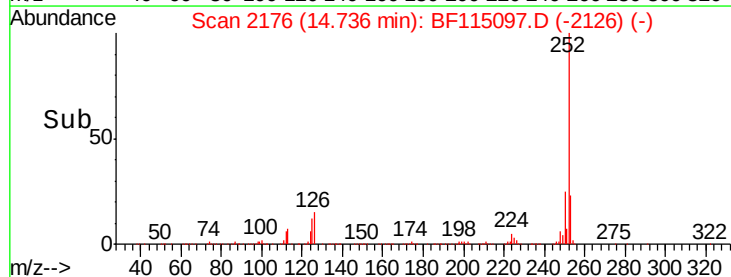
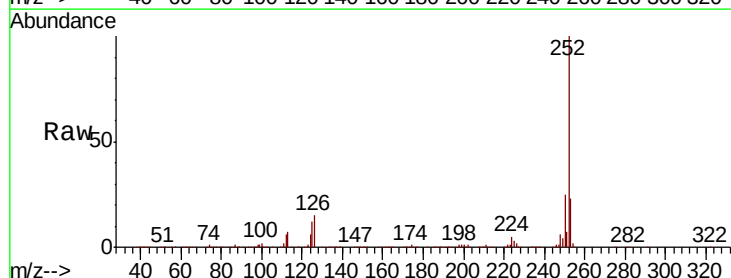
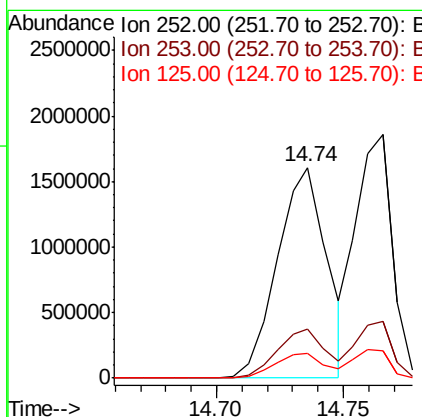
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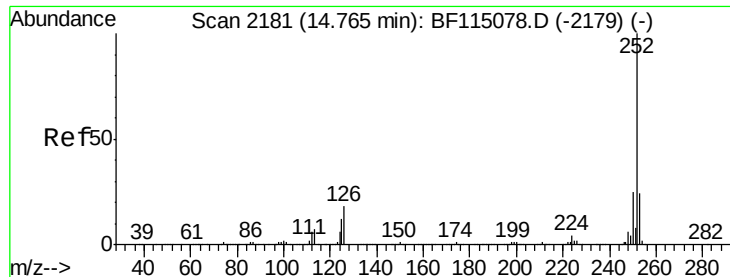
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#88
Benzo(b)fluoranthene
Concen: 44.792 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.6	8.7	13.1





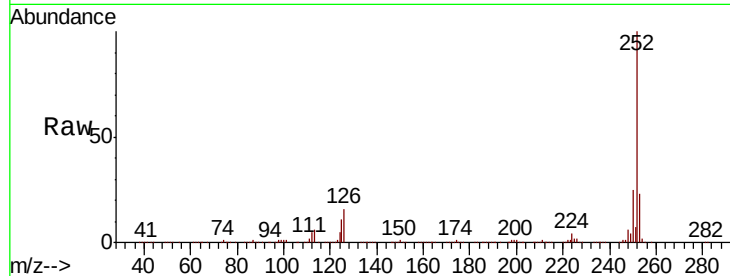
#89
Benzo(k)fluoranthene
Concen: 43.106 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	11.0	10.2	15.2

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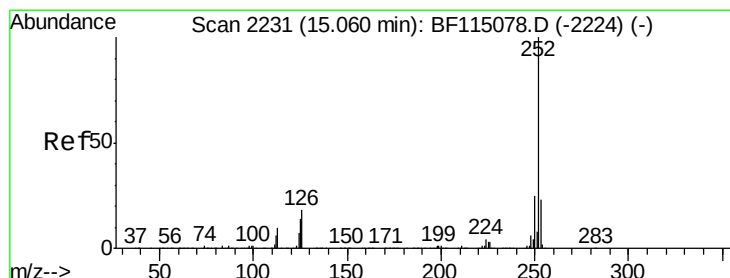
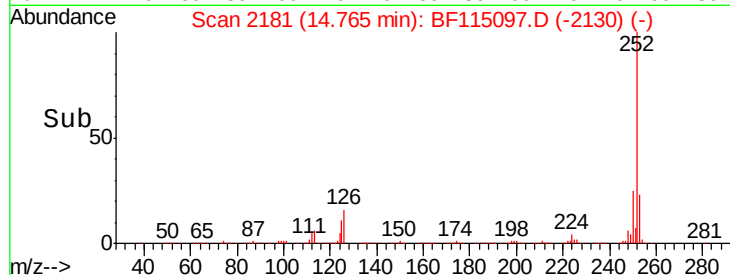
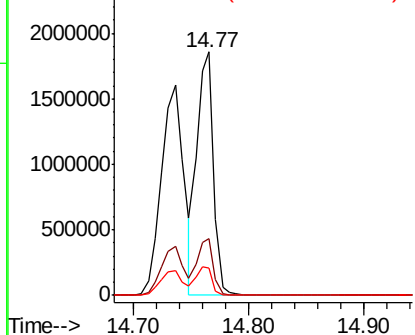


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 46.203 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

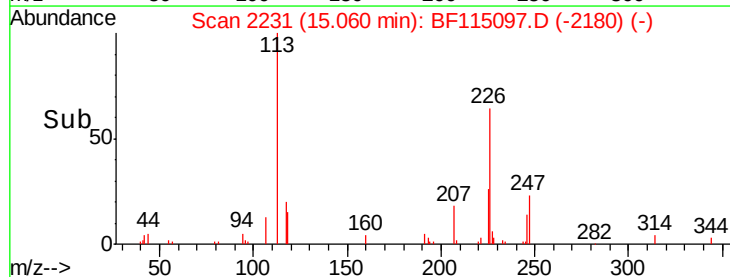
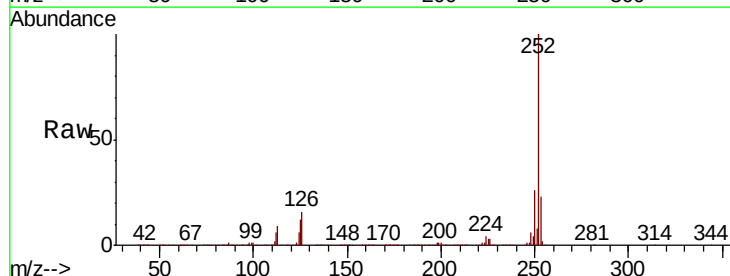
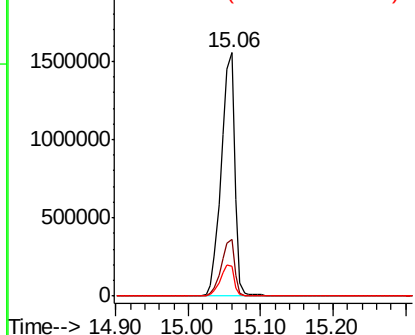
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	12.0	10.9	16.3

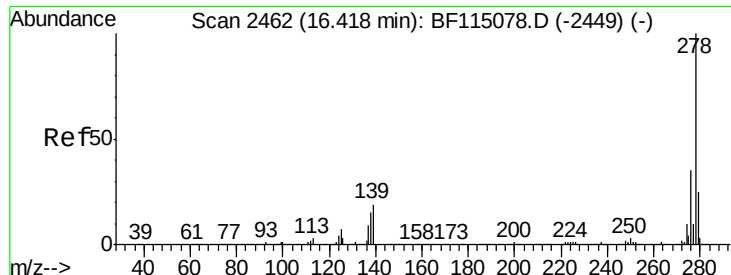
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





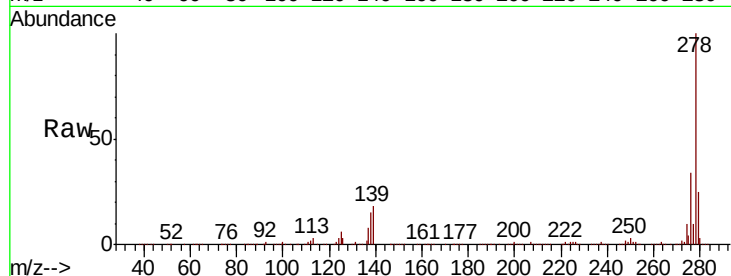
#91
Dibenzo(a,h)anthracene
Concen: 46.697 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Instrument :
BNA_F
ClientSampleId :
PB120612BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.4	23.2
279	24.8	19.9	29.9

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6/25/2019 12:41:29 PM

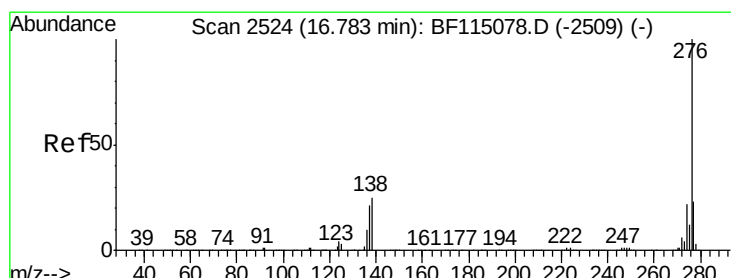
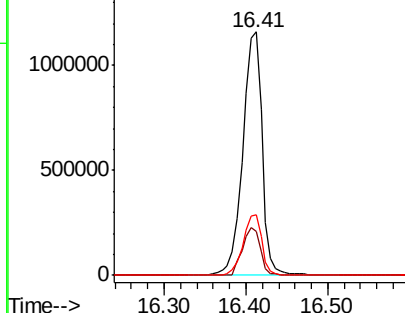
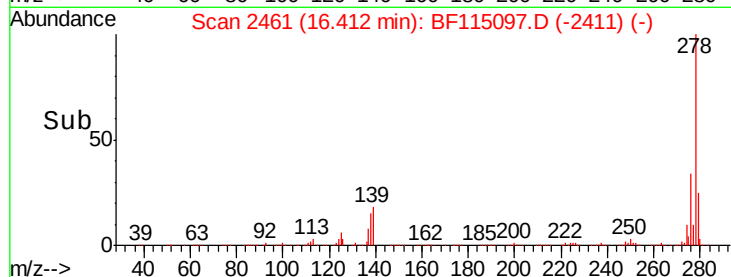


Abundance

Ion 278.00 (277.70 to 278.70): E

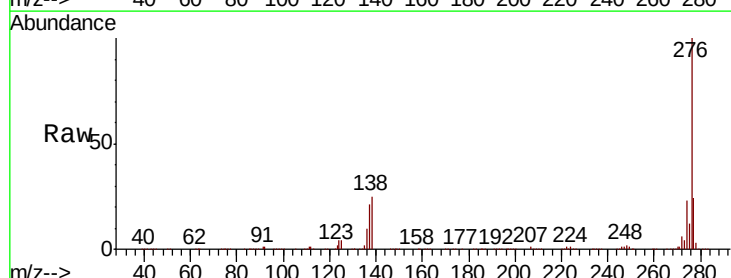
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.454 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115097.D
Acq: 22 Jun 2019 00:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	24.8	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

