

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115101.D
 Acq On : 22 Jun 2019 1:50
 Operator : HP/JU
 Sample : PB120818BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Manual Integrations
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 6/25/2019 12:41:35 PM

Quant Time: Jun 22 05:38:31 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	282611	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1123951	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	558476	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1105002	20.00	ng	0.00
76) Chrysene-d12	13.74	240	769518	20.00	ng	0.00
87) Perylene-d12	15.11	264	806977	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	2189694	119.57	ng	0.02
7) Phenol-d6	6.26	99	2690828	121.05	ng	0.00
23) Nitrobenzene-d5	7.18	82	1672716	91.55	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	755894	128.35	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3022698	91.94	ng	0.00
79) Terphenyl-d14	12.71	244	3211871	88.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	294212	34.040	ng	99
3) Pyridine	2.94	79	842497	34.584	ng	98
4) n-Nitrosodimethylamine	2.89	42	368584	38.595	ng	100
6) Aniline	6.28	93	712701	23.329	ng	# 15
8) 2-Chlorophenol	6.40	128	834452	40.522	ng	99
9) Benzaldehyde	6.15	77	227466	15.685	ng	98
10) Phenol	6.27	94	973815	37.400	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	766973	39.960	ng	99
12) 1,3-Dichlorobenzene	6.55	146	897232	39.259	ng	98
13) 1,4-Dichlorobenzene	6.63	146	902115	39.364	ng	98
14) 1,2-Dichlorobenzene	6.79	146	830157	39.116	ng	98
15) Benzyl Alcohol	6.77	79	639356	39.501	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1115536	40.073	ng	99
17) 2-Methylphenol	6.88	107	724943	42.649	ng	100
18) Hexachloroethane	7.13	117	329467	39.877	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	567256	39.861	ng	98
20) 3+4-Methylphenols	7.04	107	812052	41.374	ng	# 87
22) Acetophenone	7.03	105	1122628	43.629	ng	# 99
24) Nitrobenzene	7.20	77	864893	42.968	ng	97
25) Isophorone	7.44	82	1621076	43.311	ng	100
26) 2-Nitrophenol	7.51	139	466218	46.901	ng	97
27) 2,4-Dimethylphenol	7.57	122	794590	48.821	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	1007906	42.605	ng	99
29) 2,4-Dichlorophenol	7.75	162	750972	44.711	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	794031	42.799	ng	99
31) Naphthalene	7.92	128	2386446	43.255	ng	99
32) Benzoic acid	7.71	122	614901	52.928	ng	99
33) 4-Chloroaniline	7.97	127	397056	15.747	ng	99
34) Hexachlorobutadiene	8.05	225	426278	41.928	ng	99
35) Caprolactam	8.35	113	248704m	44.042	ng	
36) 4-Chloro-3-methylphenol	8.46	107	750531	44.123	ng	99
37) 2-Methylnaphthalene	8.61	142	1657948	44.569	ng	99
38) 1-Methylnaphthalene	8.71	142	1564158	44.026	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	665123	42.146	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	724239	77.393	nq	98
43) 2,4,6-Trichlorophenol	8.89	196	552990	45.387	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	555365	44.262	nq	98
46) 1,1'-Biphenyl	9.08	154	1875004	41.960	nq	98
47) 2-Chloronaphthalene	9.10	162	1529223	42.189	nq	97
48) 2-Nitroaniline	9.19	65	458036	43.343	nq	95
49) Acenaphthylene	9.51	152	2382251	42.183	nq	99
50) Dimethylphthalate	9.39	163	1756641	42.753	nq	99
51) 2,6-Dinitrotoluene	9.44	165	428482	45.170	nq	99
52) Acenaphthene	9.68	154	1648590	46.651	nq	99
53) 3-Nitroaniline	9.60	138	307745	26.585	nq	92
54) 2,4-Dinitrophenol	9.71	184	447282	90.566	nq	97
55) Dibenzofuran	9.85	168	2099463	41.393	nq	98
56) 4-Nitrophenol	9.77	139	789331	85.052	nq	95
57) 2,4-Dinitrotoluene	9.84	165	571988	46.699	nq	# 87
58) Fluorene	10.20	166	1428420	41.836	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	480752	45.694	nq	99
60) Diethylphthalate	10.09	149	1789128	43.318	nq	98
61) 4-Chlorophenyl-phenylether	10.19	204	688013	42.494	nq	95
62) 4-Nitroaniline	10.22	138	480638	41.388	nq	99
63) Azobenzene	10.35	77	1671122	43.318	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	269862	46.116	nq	86
66) n-Nitrosodiphenylamine	10.31	169	1487925	43.221	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	502154	41.914	nq	96
68) Hexachlorobenzene	10.74	284	550237	42.313	nq	# 92
69) Atrazine	10.84	200	476295	43.009	nq	99
70) Pentachlorophenol	10.93	266	654011	78.944	nq	97
71) Phenanthrene	11.15	178	2344421	39.405	nq	99
72) Anthracene	11.20	178	2449045	40.779	nq	98
73) Carbazole	11.35	167	2239551	41.761	nq	98
74) Di-n-butylphthalate	11.70	149	2608776	42.097	nq	98
75) Fluoranthene	12.32	202	2470341	41.616	nq	99
77) Benzidine	12.44	184	521221	15.254	nq	99
78) Pyrene	12.55	202	2506916	42.391	nq	98
80) Butylbenzylphthalate	13.19	149	1179289	45.187	nq	94
81) Benzo(a)anthracene	13.73	228	2287771	41.434	nq	99
82) 3,3'-Dichlorobenzidine	13.70	252	575464	28.861	nq	99
83) Chrysene	13.77	228	2142752	42.365	nq	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1560718	45.639	nq	100
85) Di-n-octyl phthalate	14.37	149	2626706	45.716	nq	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2684613	44.856	nq	99
88) Benzo(b)fluoranthene	14.74	252	2413295	47.928	nq	98
89) Benzo(k)fluoranthene	14.77	252	2235391	49.504	nq	100
90) Benzo(a)pyrene	15.06	252	2301694	50.716	nq	99
91) Dibenzo(a,h)anthracene	16.42	278	2202073	51.974	nq	99
92) Benzo(g,h,i)perylene	16.78	276	2261370	52.735	nq	99

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



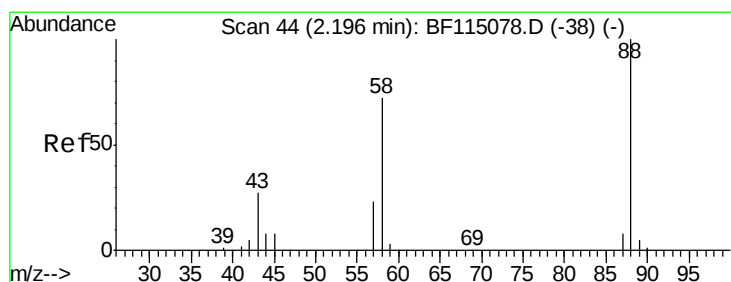
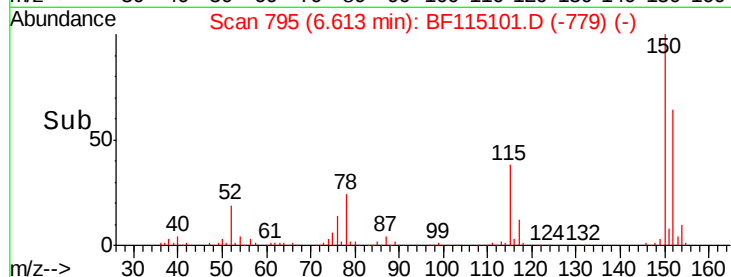
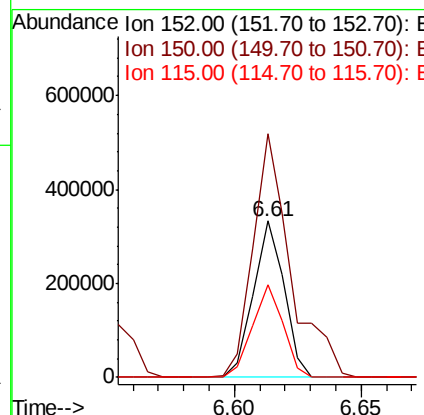
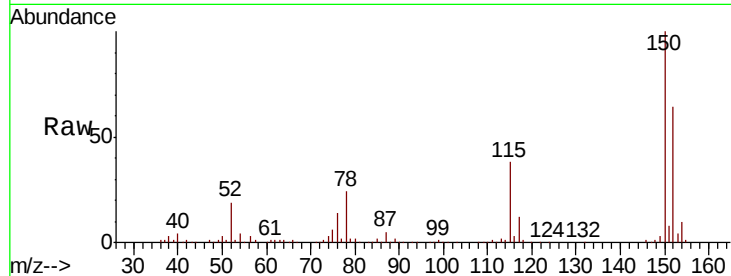
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	59.0	46.1	69.1

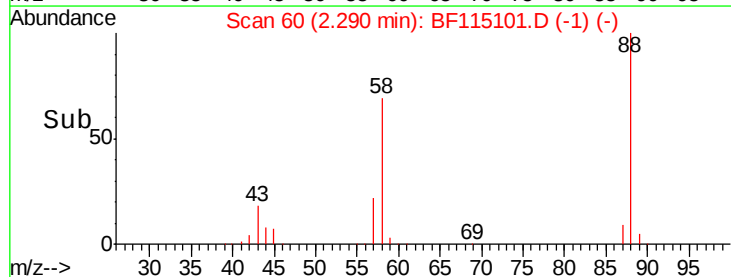
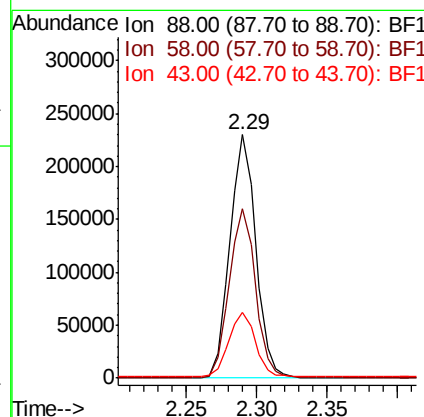
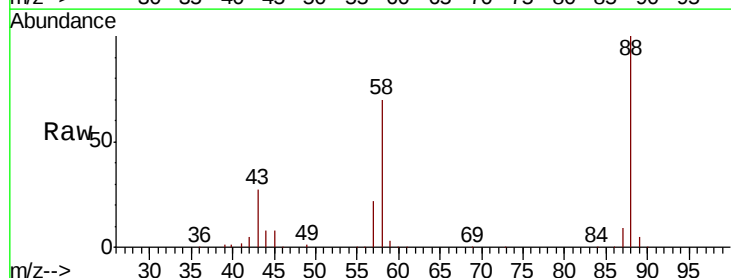
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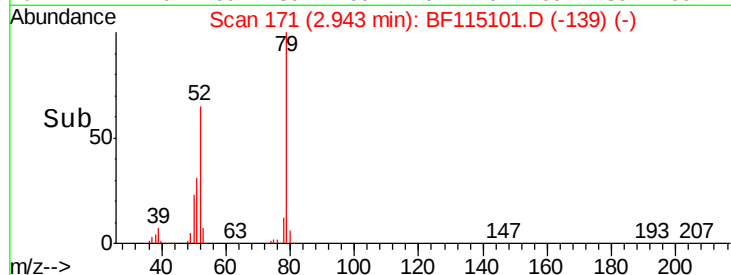
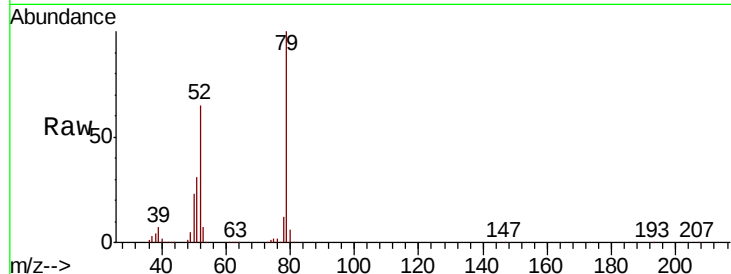
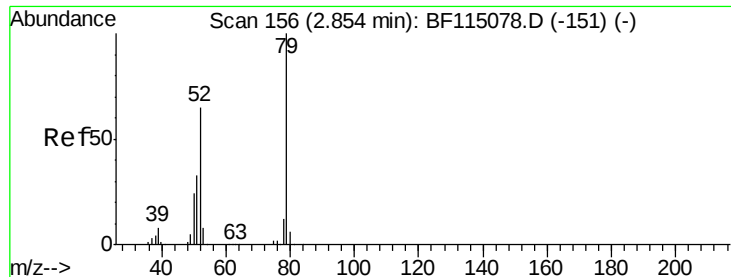
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#2
 1,4-Dioxane
 Concen: 34.040 ng
 RT: 2.29 min Scan# 60
 Delta R.T. 0.09 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	56.1	84.1
43	27.6	21.3	31.9





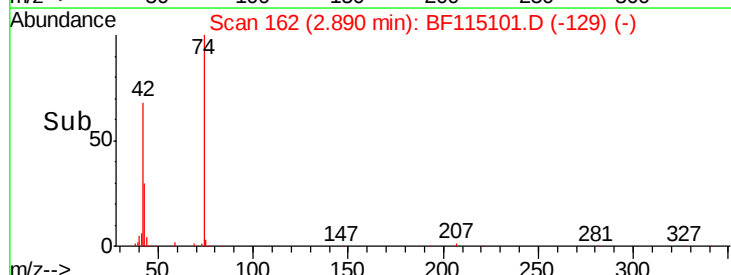
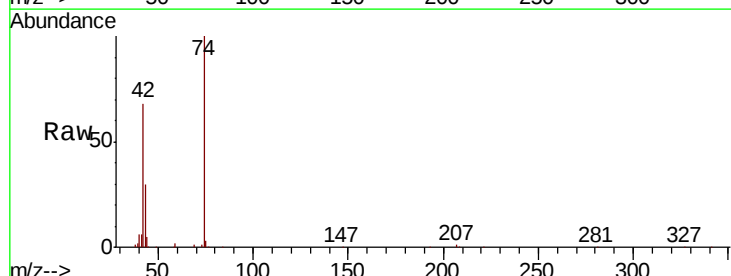
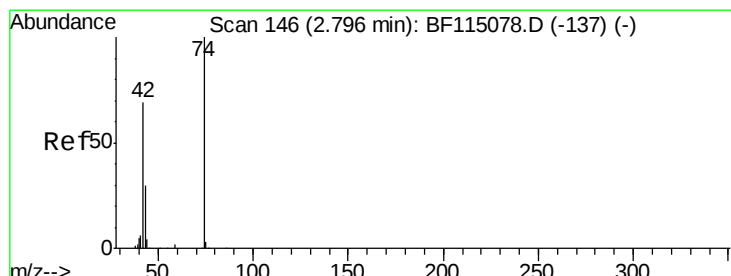
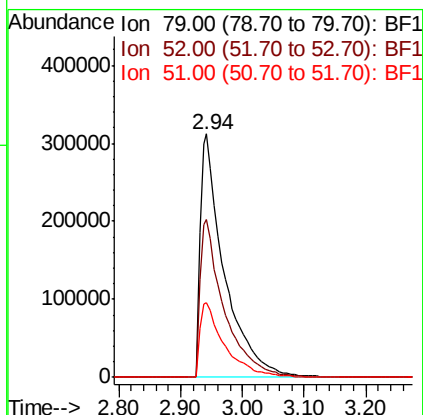
#3
 Pvrindine
 Concen: 34.584 ng
 RT: 2.94 min Scan# 171
 Delta R.T. 0.09 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	64.6	52.3	78.5
51	51	30.9	26.1	39.1

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

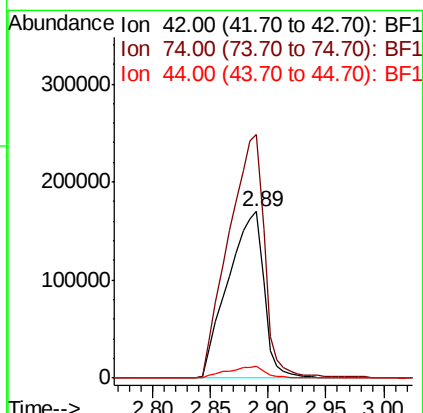
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#4
 n-Nitrosodimethylamine
 Concen: 38.595 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	146.3	116.6	175.0
44	44	6.8	5.3	7.9





#5

2-Fluorophenol

Concen: 119.566 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

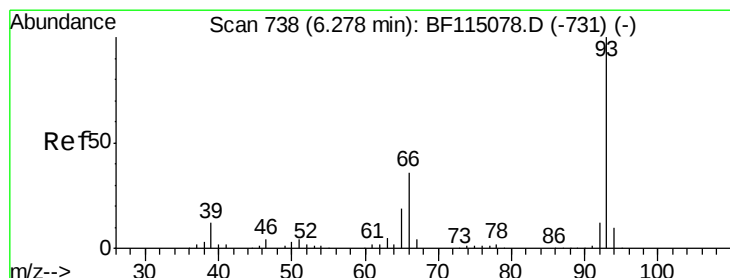
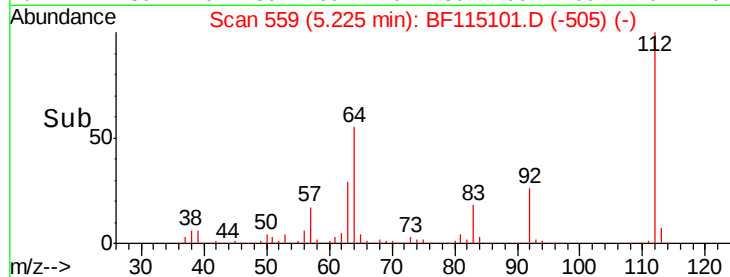
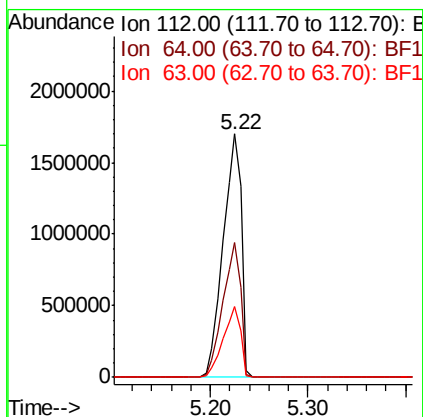
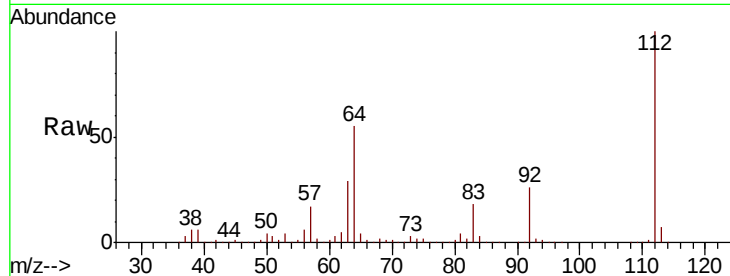
ClientSampleId :

PB120818BS

Tot Ion:	112	Resp:	2189694
Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.8	65.6
63	29.0	22.2	33.4

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#6

Aniline

Concen: 23.329 ng

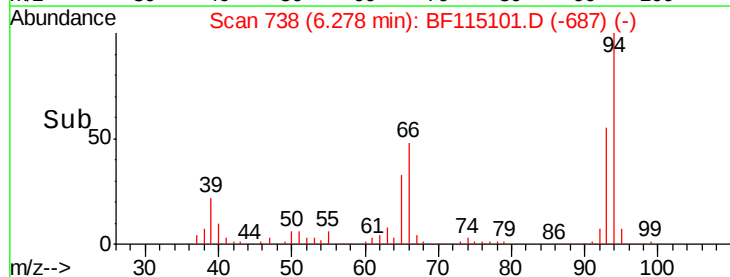
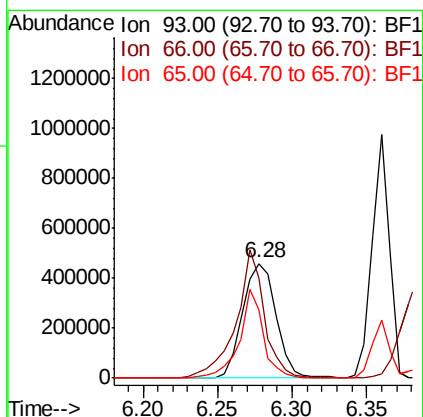
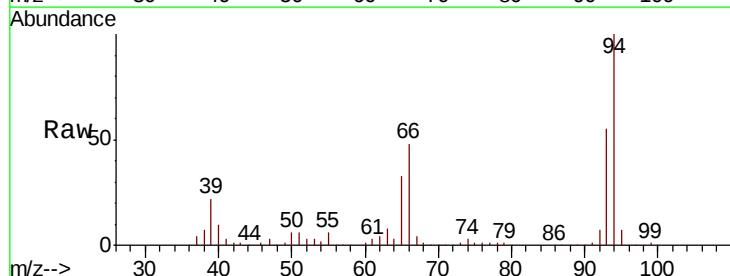
RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:	93	Resp:	712701
Ion	Ratio	Lower	Upper
93	100		
66	87.4	30.0	45.0#
65	59.5	15.6	23.4#





#7

Phenol-d6

Concen: 121.054 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

PB120818BS

Tot Ion: 99 Resp: 2690828

Ion Ratio Lower Upper

99 100

42 17.6 13.6 20.4

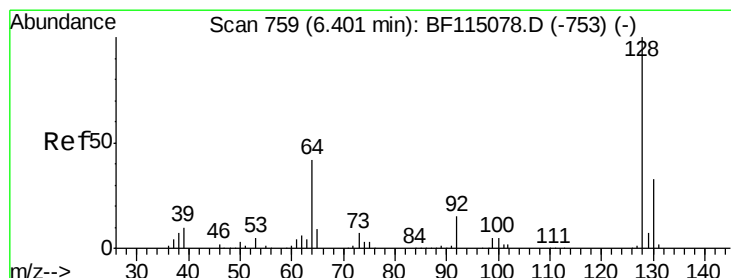
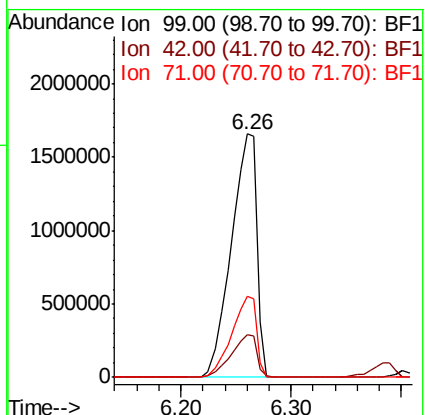
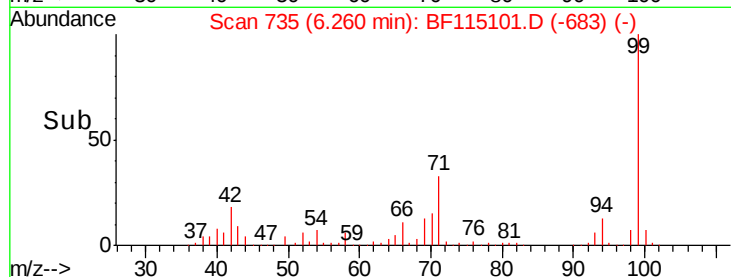
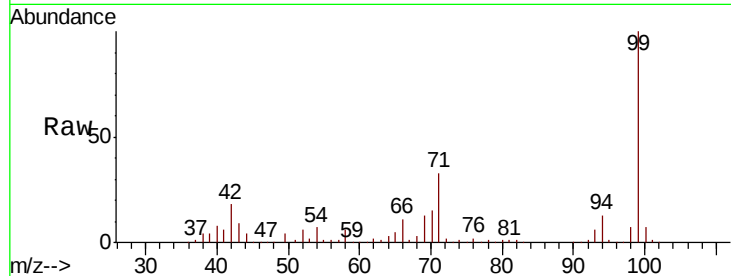
71 33.3 25.5 38.3

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#8

2-Chlorophenol

Concen: 40.522 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

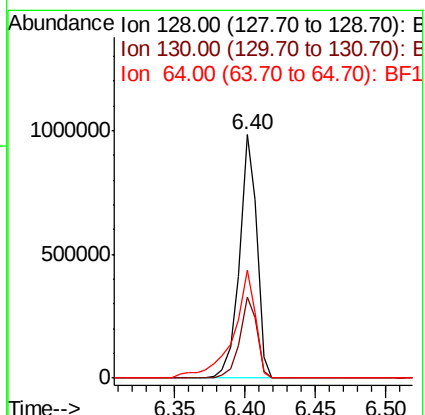
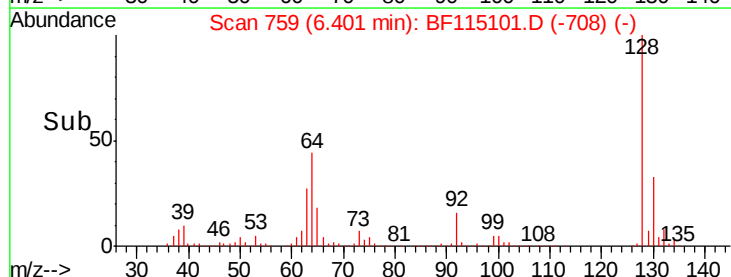
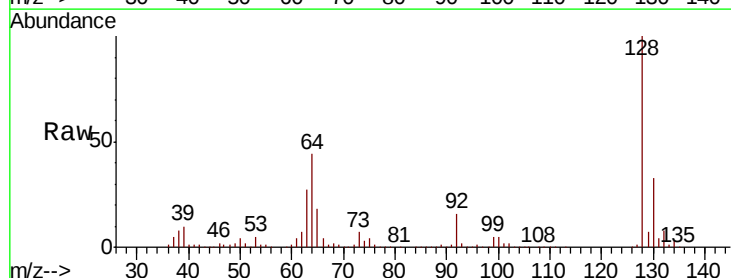
Tgt Ion: 128 Resp: 834452

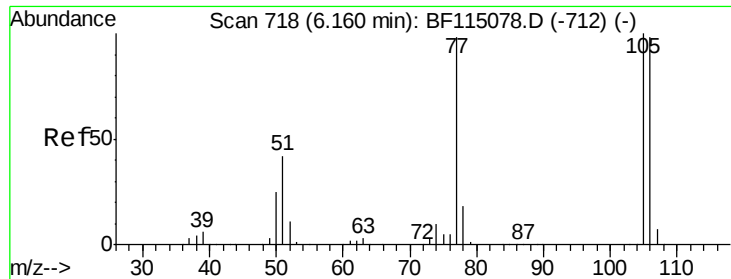
Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 44.2 22.9 62.9





#9

Benzaldehyde

Concen: 15.685 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

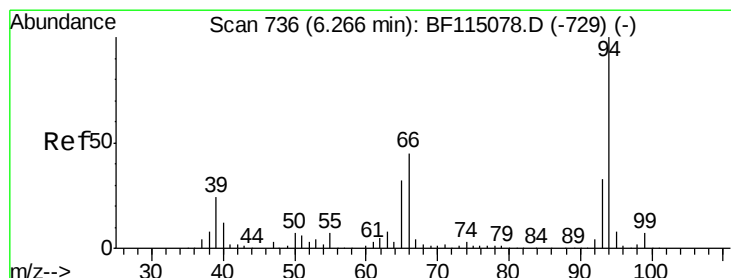
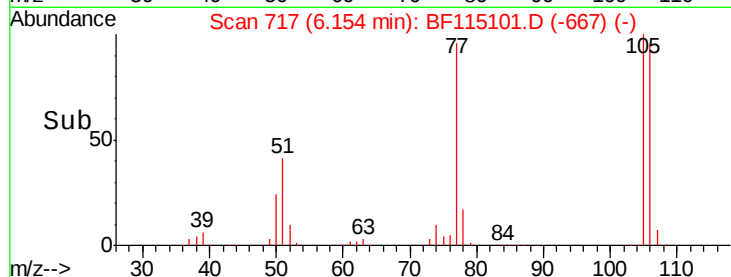
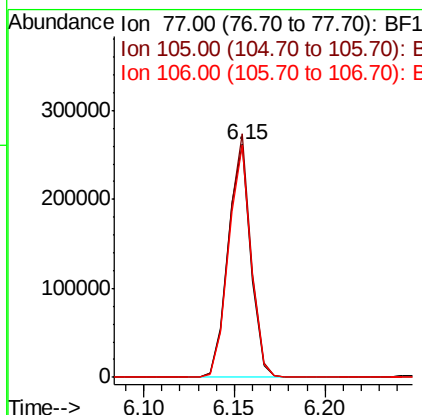
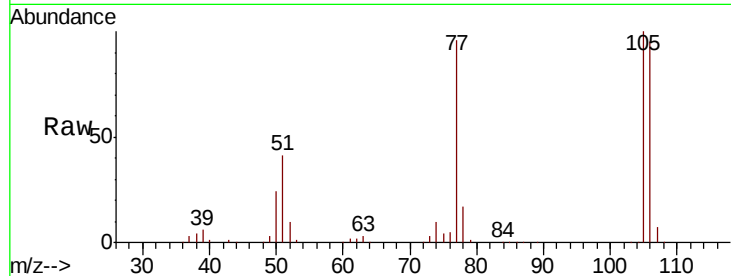
ClientSampleId :

PB120818BS

Tot Ion:	77	Resp:	227466
Ion	Ratio	Lower	Upper
77	100		
105	104.4	81.5	121.5
106	99.3	79.7	119.7

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#10

Phenol

Concen: 37.400 ng

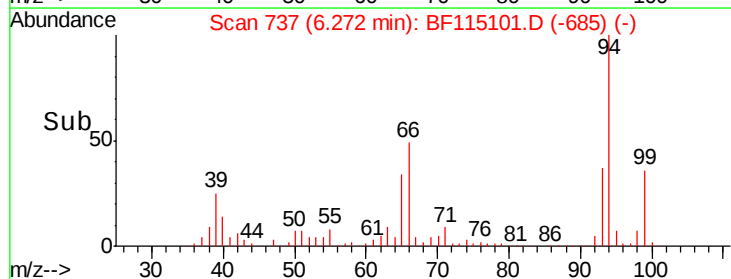
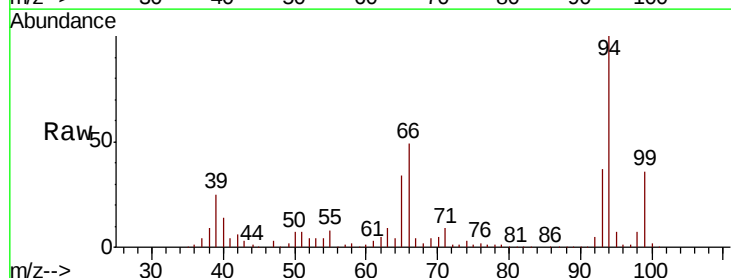
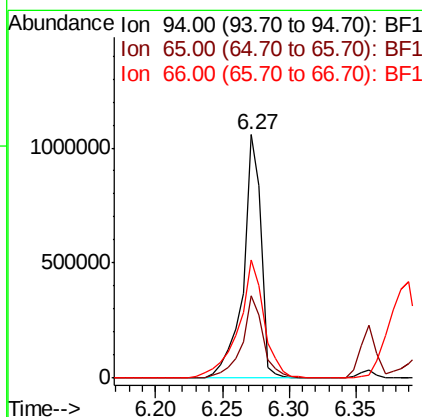
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:	94	Resp:	973815
Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.9	51.9
66	48.7	25.2	65.2





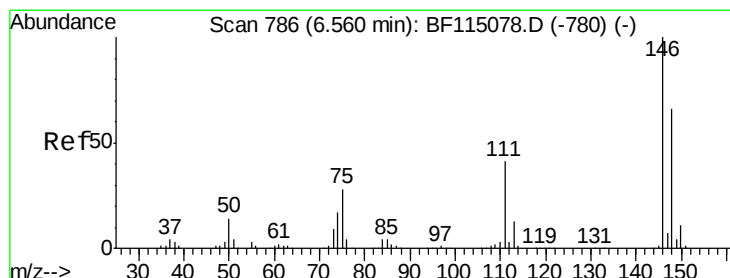
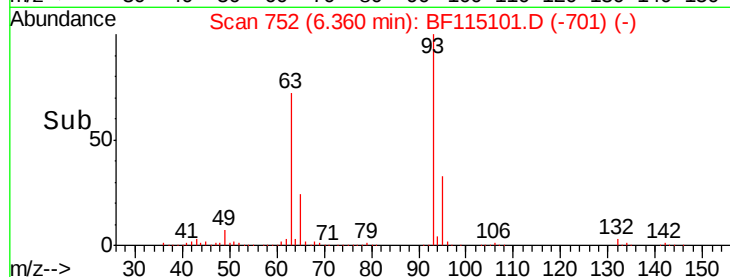
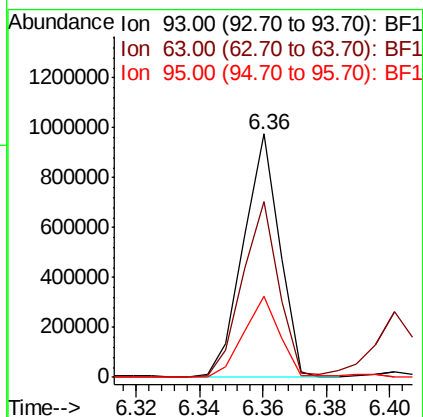
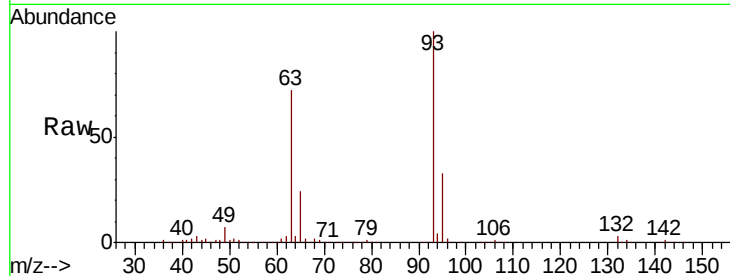
#11
bis(2-Chloroethyl)ether
Concen: 39.960 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	766973		
63	72.3		51.5	91.5
95	33.1		13.4	53.4

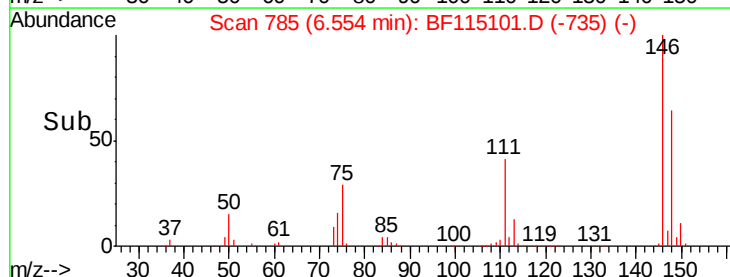
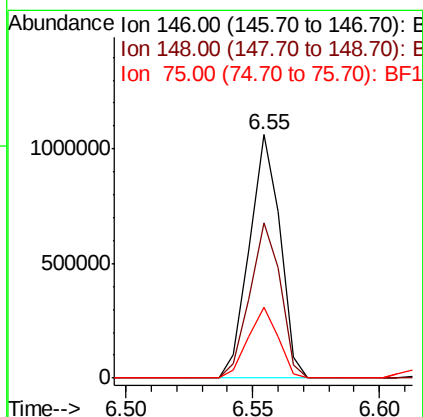
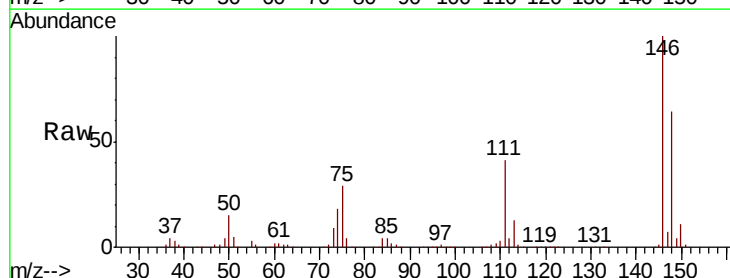
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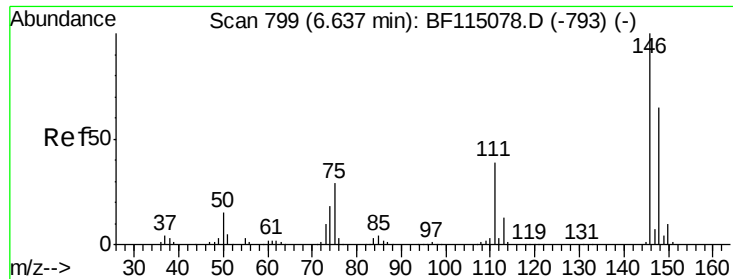
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.259 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	897232		
148	63.6		52.6	78.8
75	29.3		22.6	34.0





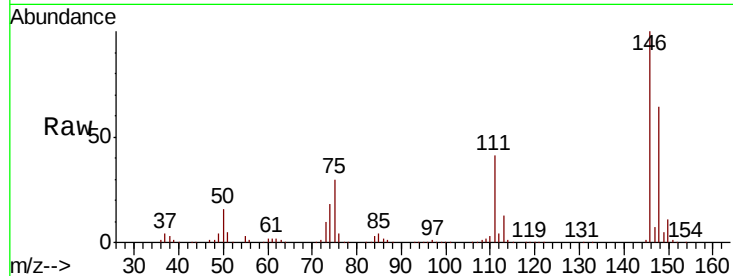
#13
 1,4-Dichlorobenzene
 Concen: 39.364 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleID :
 PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	902115		
148	64.0	51.9	77.9	
111	40.6	31.4	47.0	

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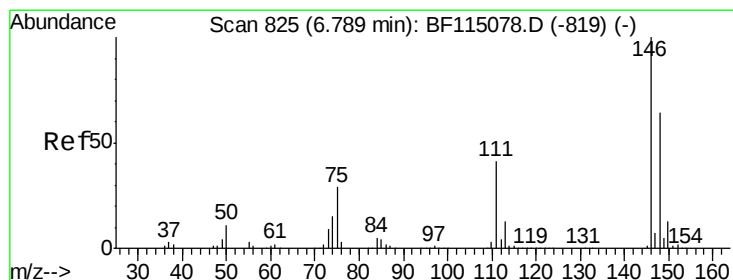
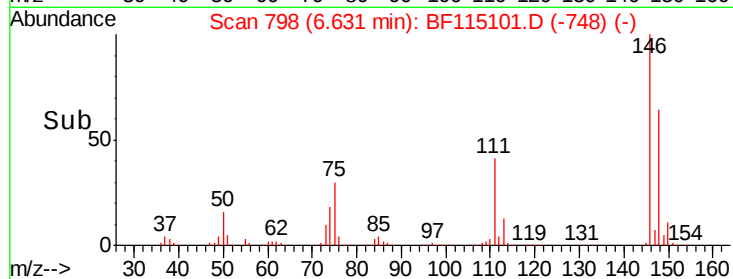
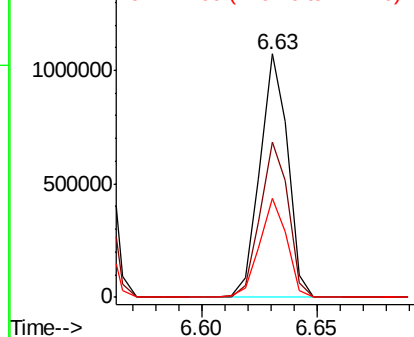


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.116 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

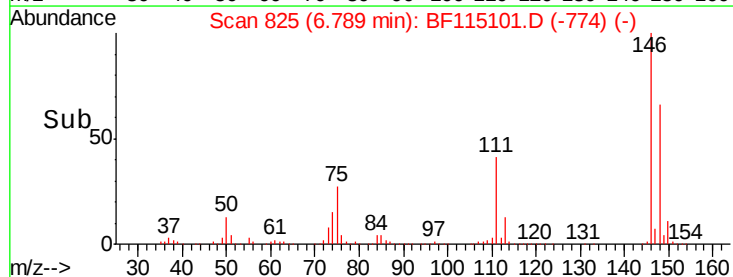
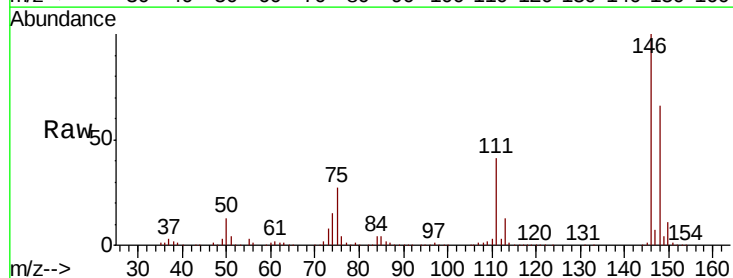
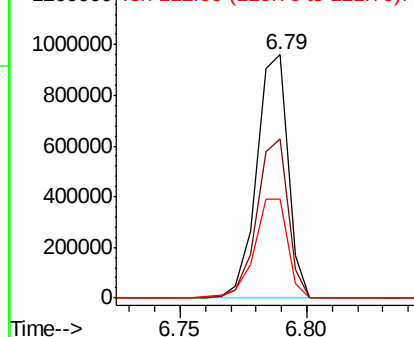
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	830157		
148	65.5	51.1	76.7	
111	40.5	33.2	49.8	

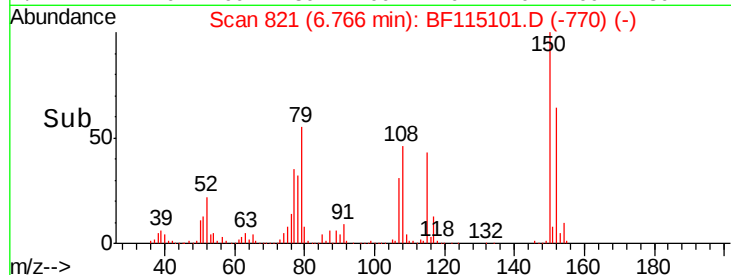
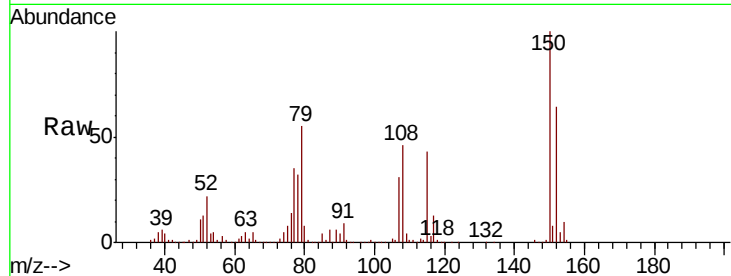
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.501 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tot Ion:	79	Resp:	639356
Ion Ratio	Lower	Upper	
79	100		
108	84.5	68.7	103.1
77	64.5	51.7	77.5

Instrument :

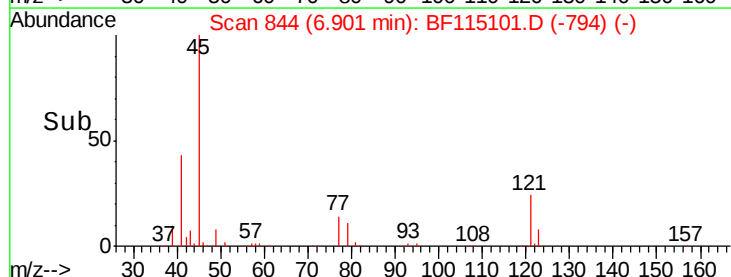
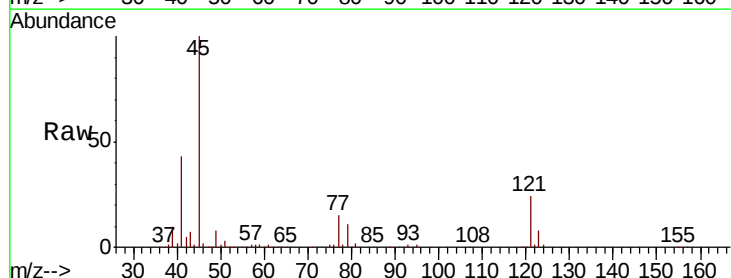
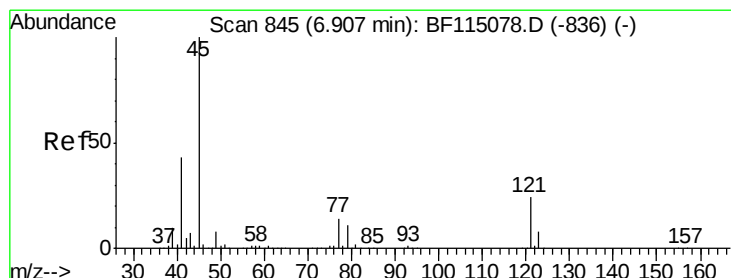
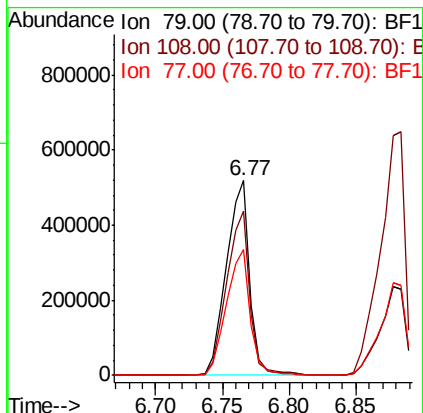
BNA_F

ClientSampleId :

PB120818BS

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.073 ng

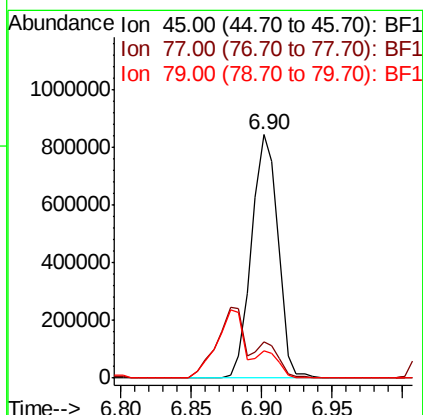
RT: 6.90 min Scan# 844

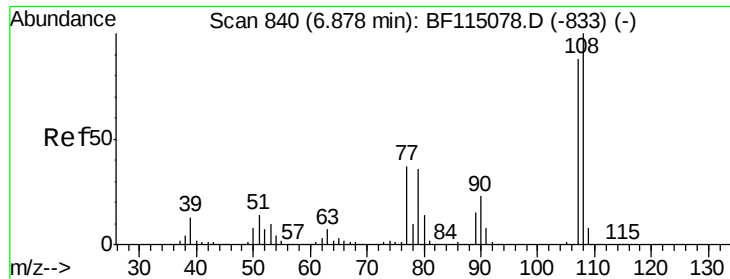
Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:	45	Resp:	1115536
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.6
79	11.2	0.0	31.2





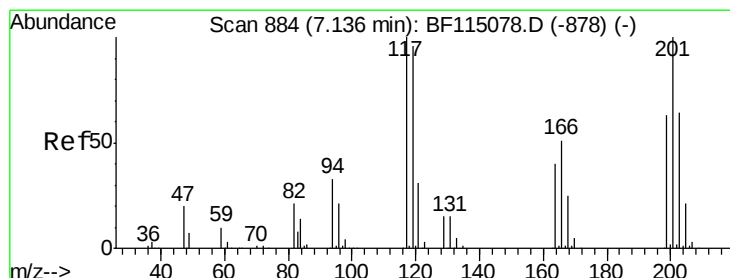
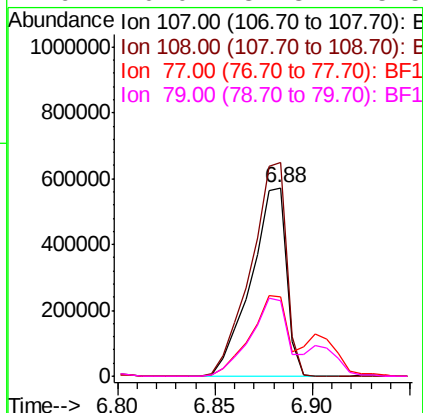
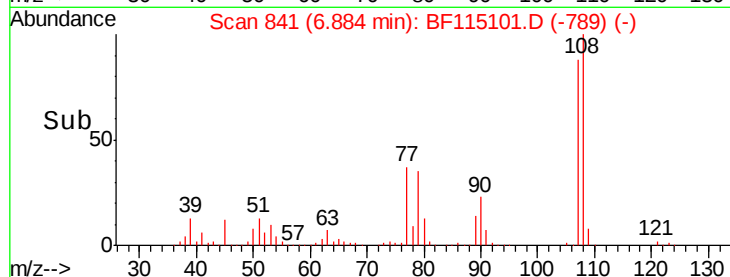
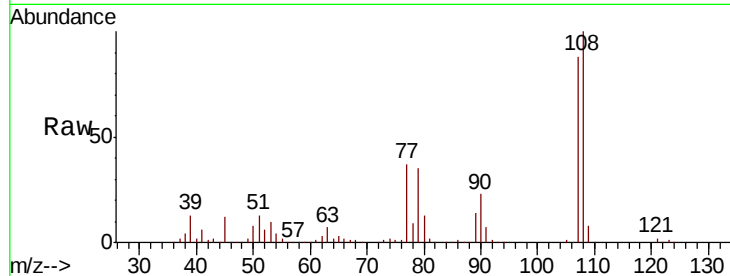
#17
2-Methylphenol
Concen: 42.649 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	90.9	136.3	
77	41.9	33.4	50.2	
79	40.0	32.3	48.5	

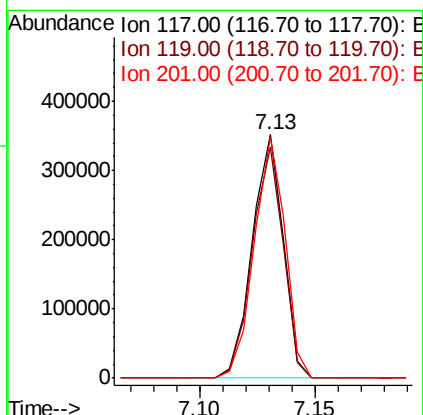
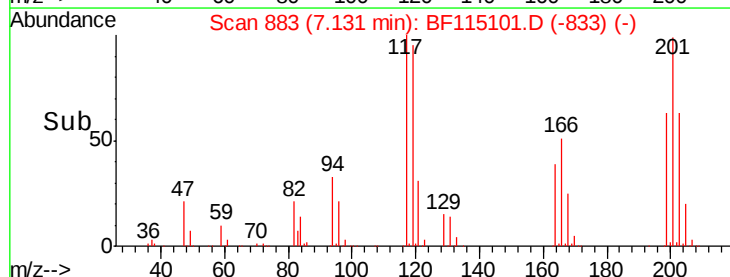
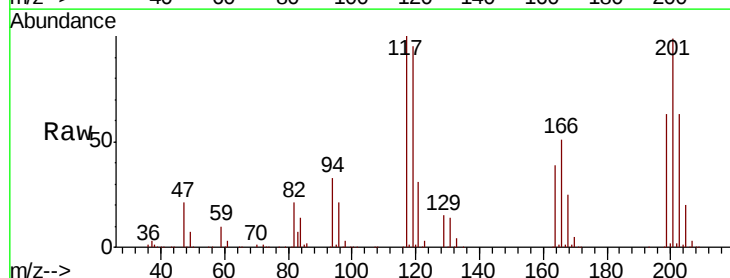
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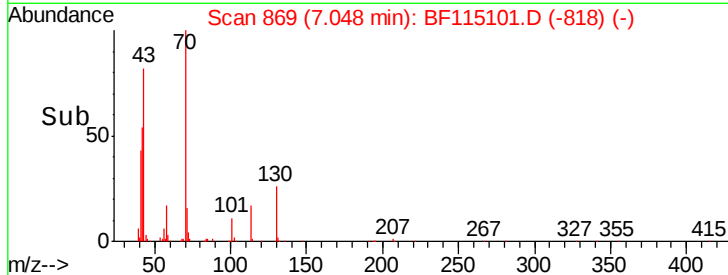
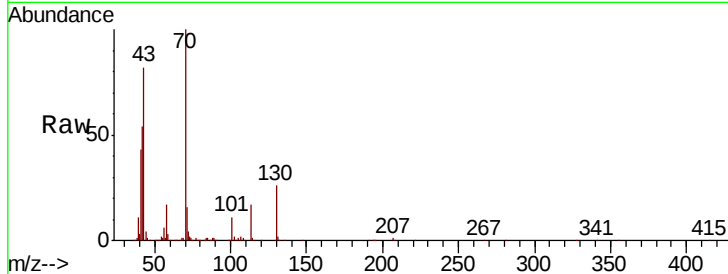
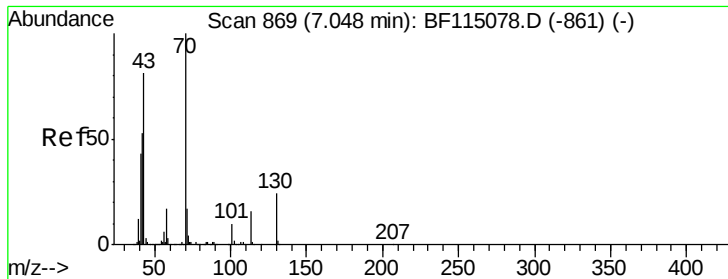
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#18
Hexachloroethane
Concen: 39.877 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	76.6	114.8	
201	99.1	80.2	120.2	





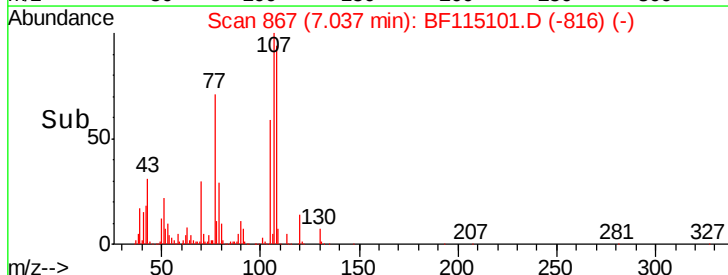
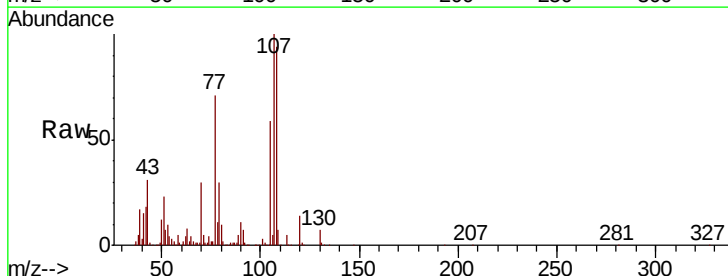
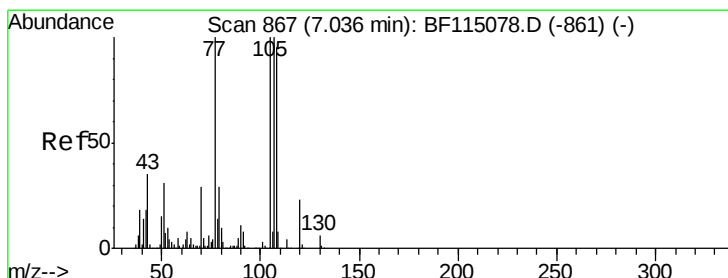
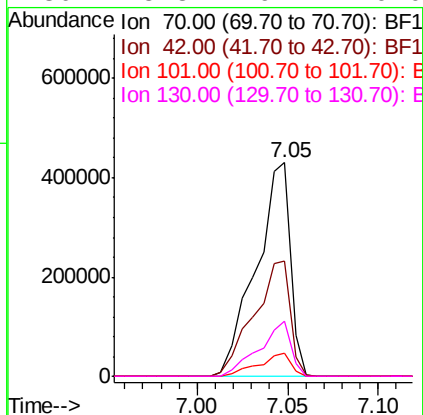
#19
n-Nitroso-di-n-propylamine
Concen: 39.861 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.8	42.6	63.8		
101	10.6	8.0	12.0		
130	25.8	19.4	29.0		

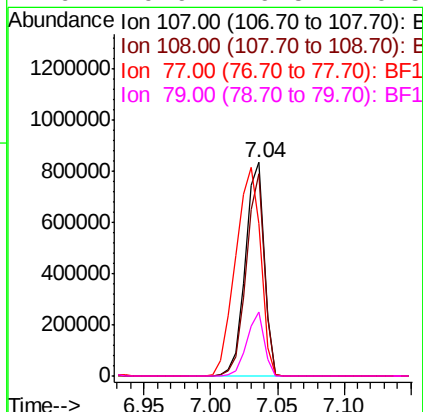
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#20
3+4-Methylphenols
Concen: 41.374 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.5	75.5	115.5		
77	71.2	80.2	120.2#		
79	29.9	9.5	49.5		





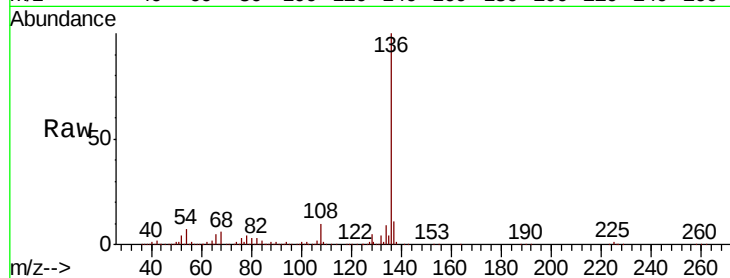
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1123951		
137	11.4	8.9	13.3		
54	7.2	5.6	8.4		
68	6.1	4.8	7.2		

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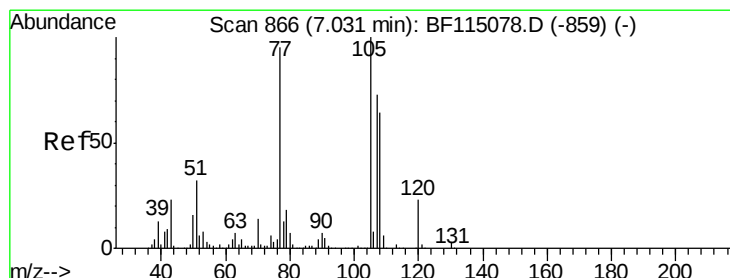
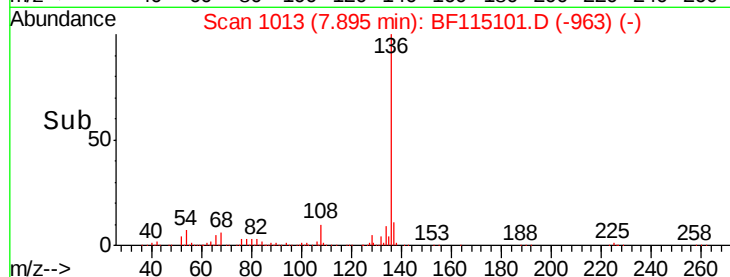
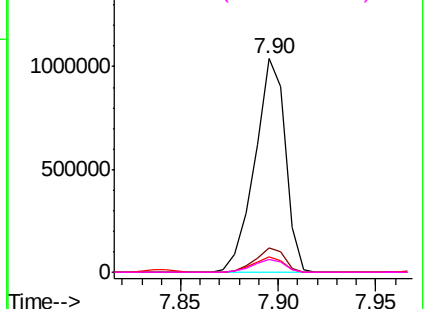
Abundance

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: 43.629 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1122628		
71	4.3	1.9	2.9#		
51	33.1	25.8	38.8		
120	23.7	18.5	27.7		

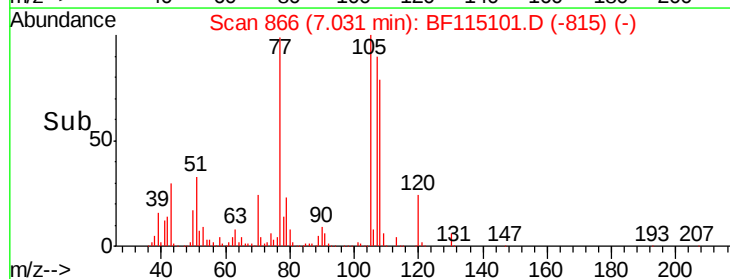
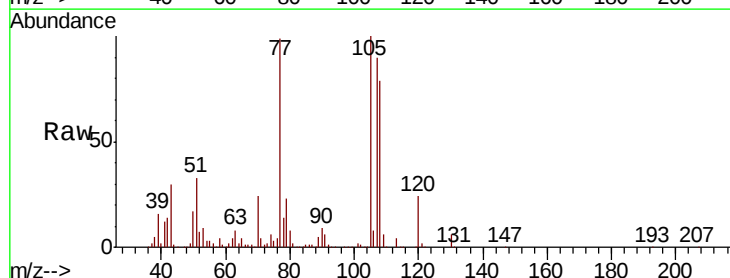
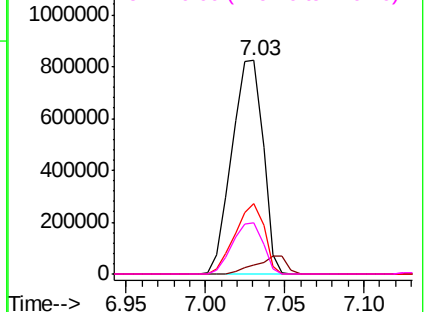
Abundance

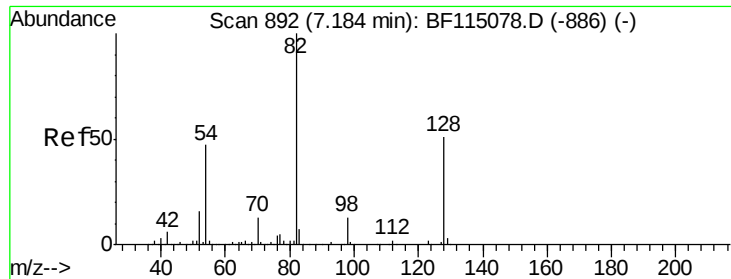
Ion 105.00 (104.70 to 105.70): E

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





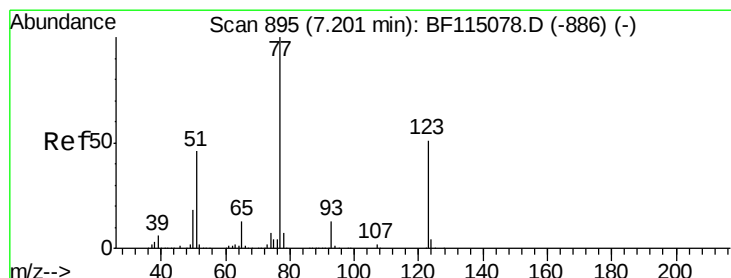
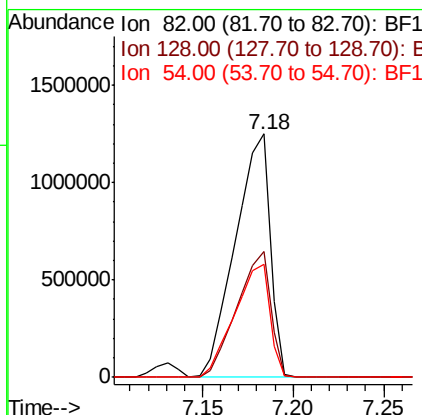
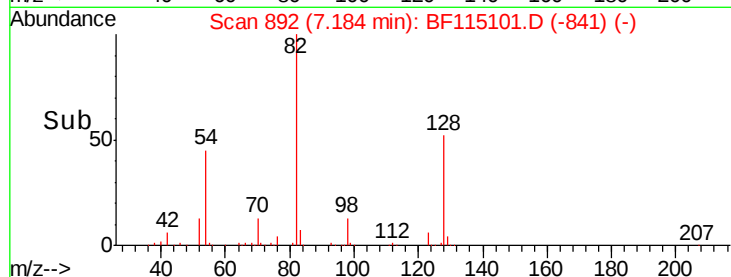
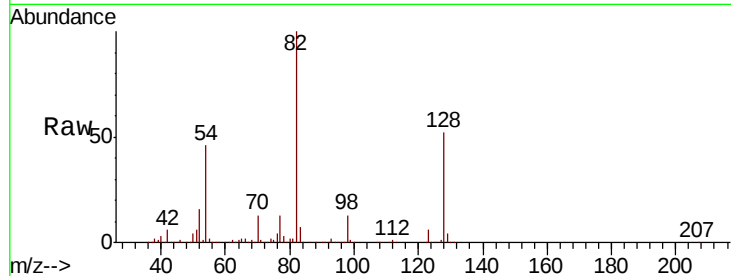
#23
 Nitrobenzene-d5
 Concen: 91.550 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	82	Resp	1672716
Ion Ratio	100	Lower	Upper
128	51.5	40.4	60.6
54	46.5	37.5	56.3

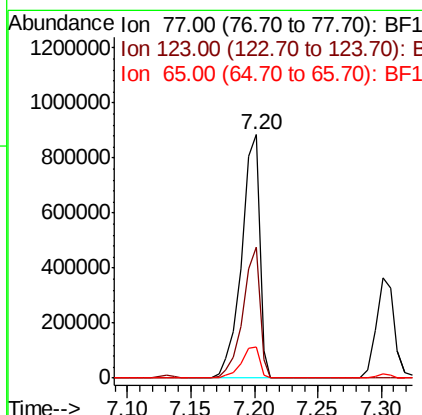
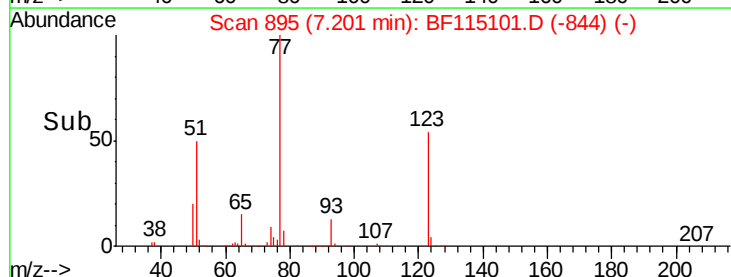
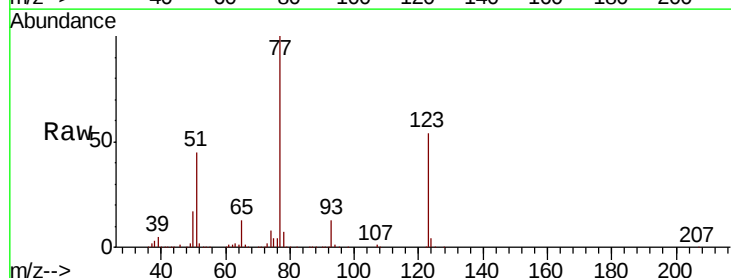
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#24
 Nitrobenzene
 Concen: 42.968 ng
 RT: 7.20 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	77	Resp	864893
Ion Ratio	100	Lower	Upper
123	53.9	41.0	61.6
65	12.9	10.5	15.7





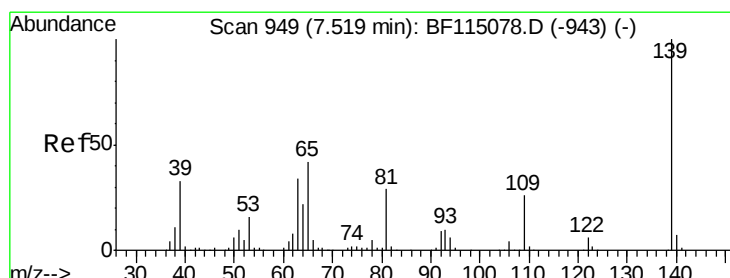
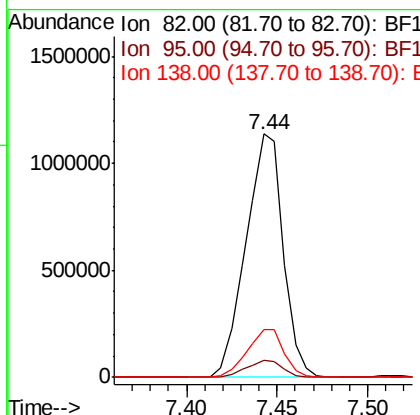
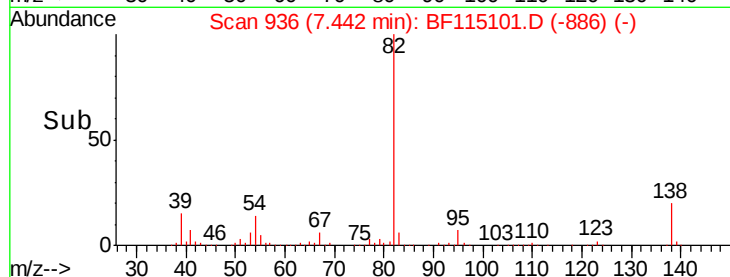
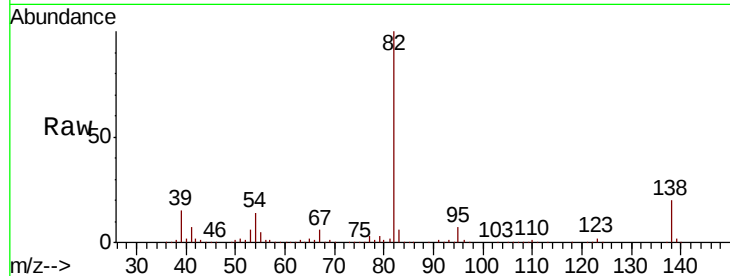
#25
Isophorone
Concen: 43.311 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	19.7	15.9	23.9

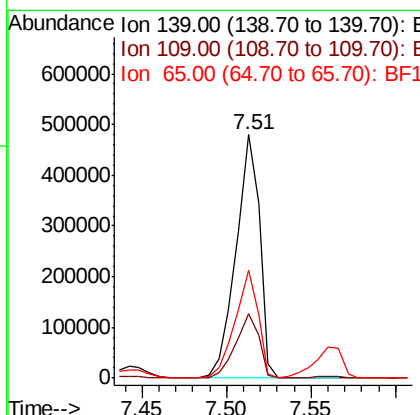
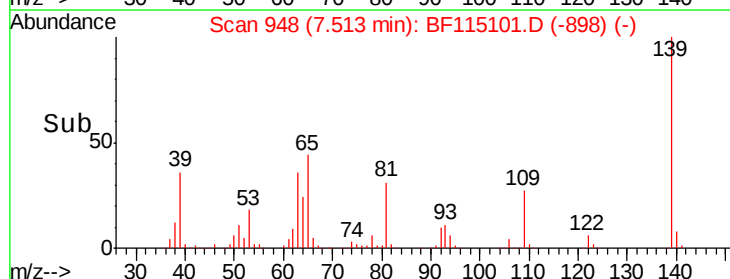
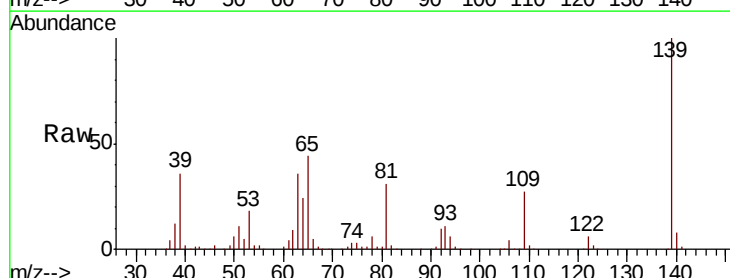
Manual Integrations
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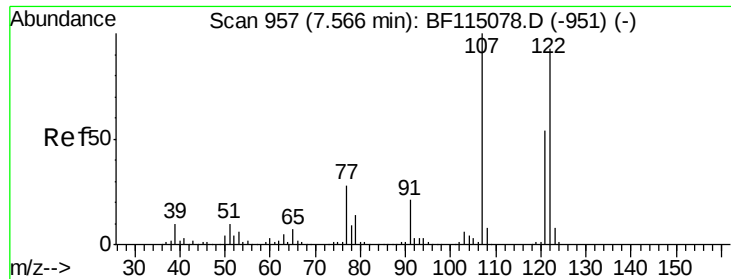
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#26
2-Nitrophenol
Concen: 46.901 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.6	20.4	30.6
65	44.4	33.6	50.4





#27

2,4-Dimethylphenol

Concen: 48.821 ng

RT: 7.57 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

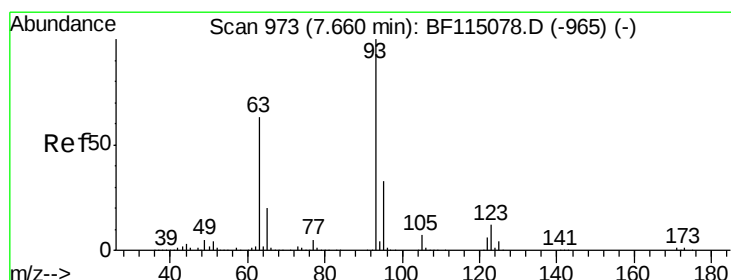
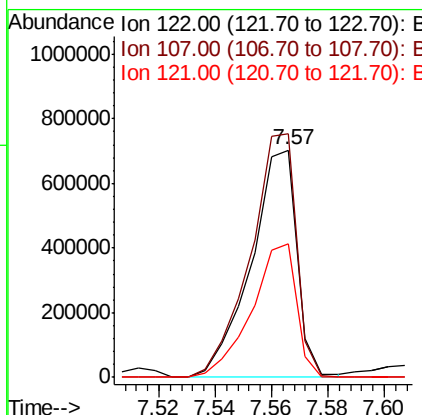
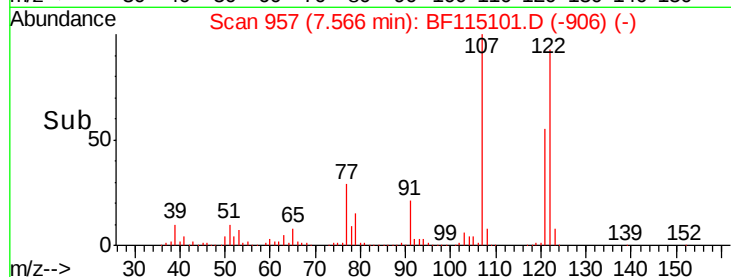
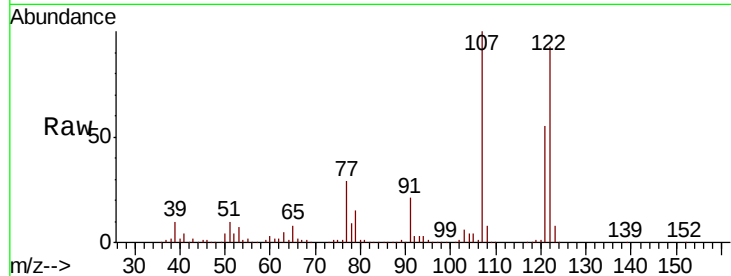
ClientSampleID :

PB120818BS

Tot Ion:	122	Resp:	794590
Ion Ratio	Lower	Upper	
122	100		
107	107.0	85.8	128.6
121	58.5	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 42.605 ng

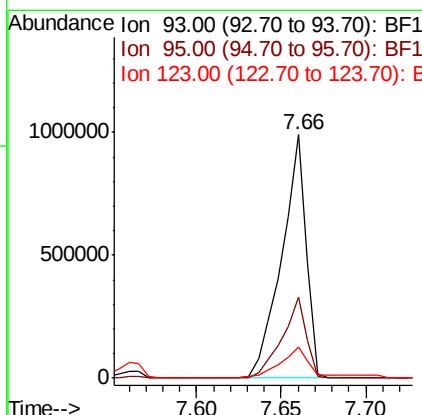
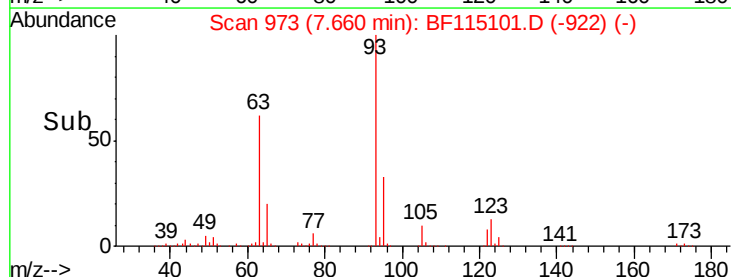
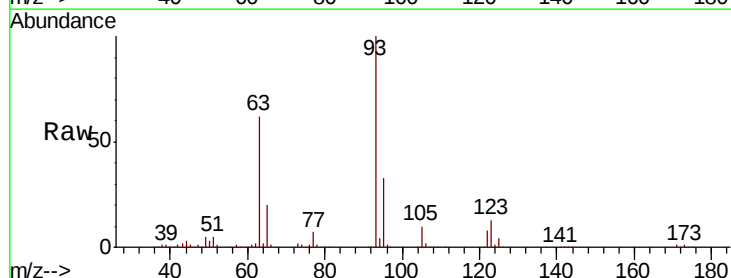
RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:	93	Resp:	1007906
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.2	39.4
123	12.8	9.7	14.5





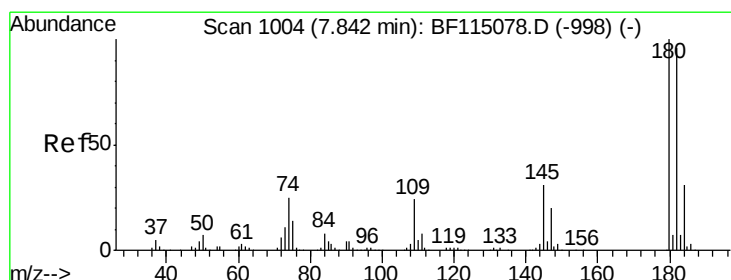
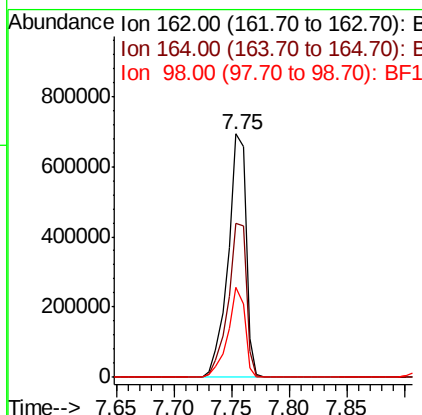
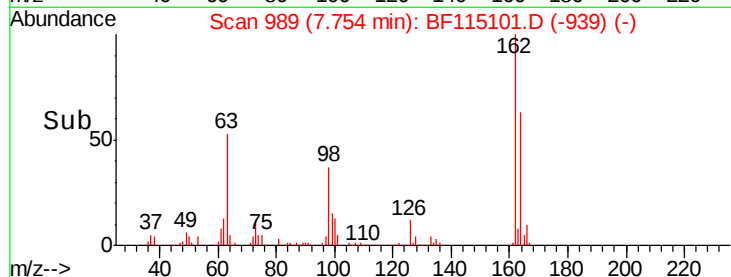
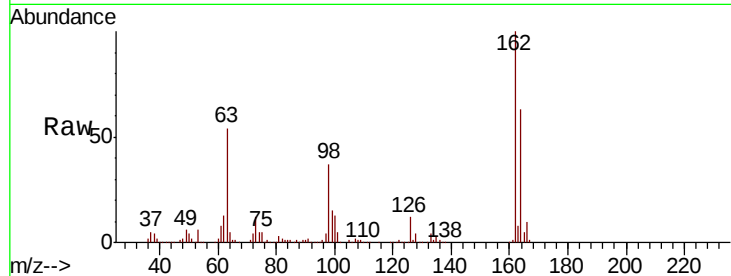
#29
 2,4-Dichlorophenol
 Concen: 44.711 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.2	45.3	85.3	
98	36.9	12.5	52.5	

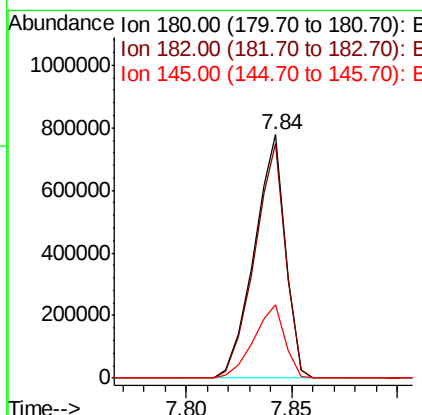
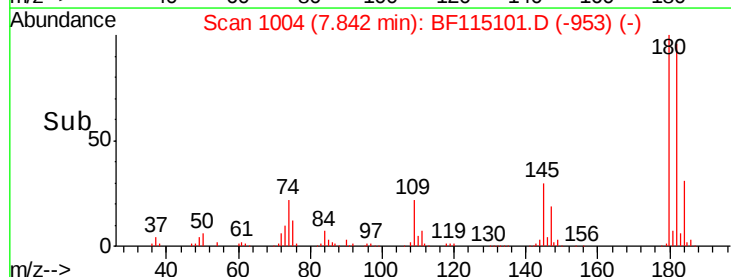
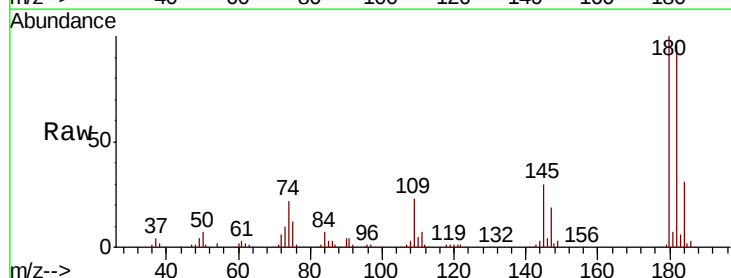
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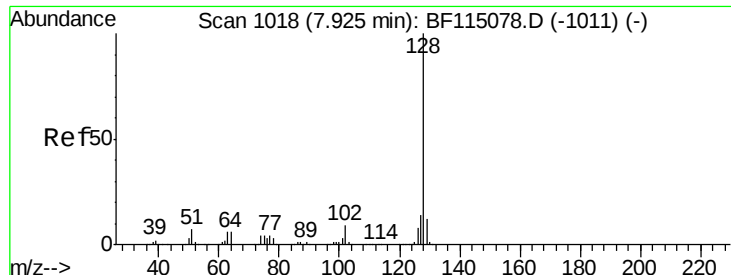
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.799 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	76.4	114.6	
145	30.0	24.8	37.2	





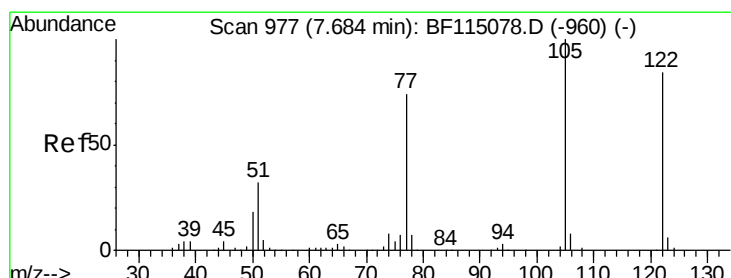
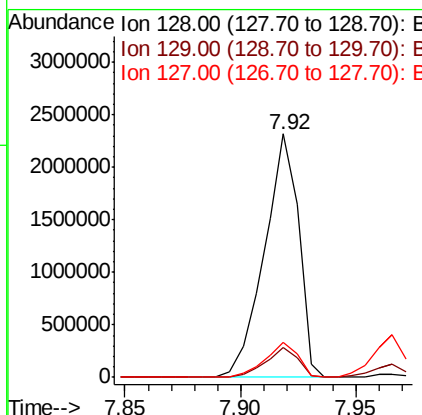
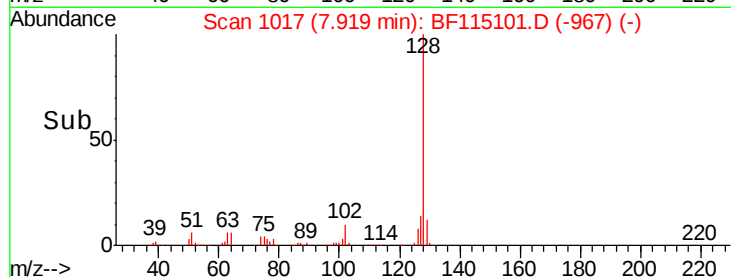
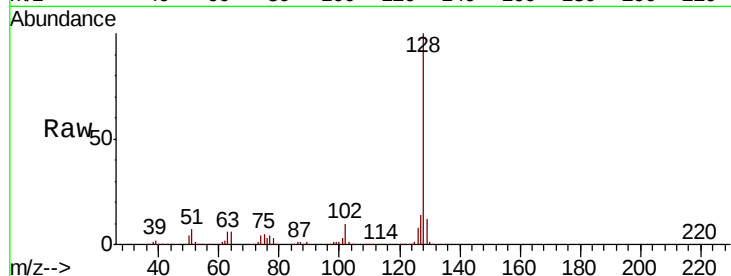
#31
Naphthalene
Concen: 43.255 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	14.4	11.4	17.0

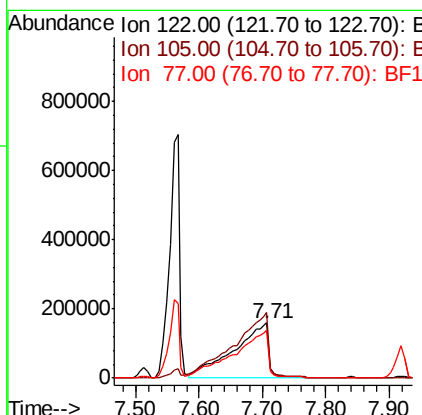
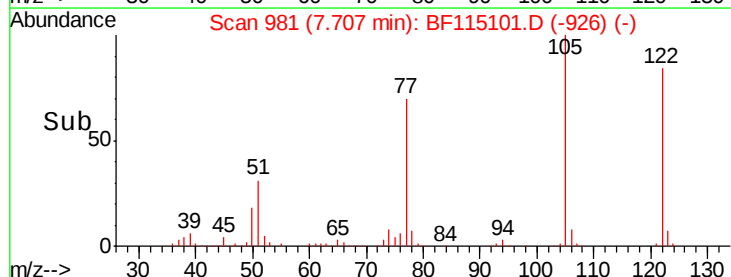
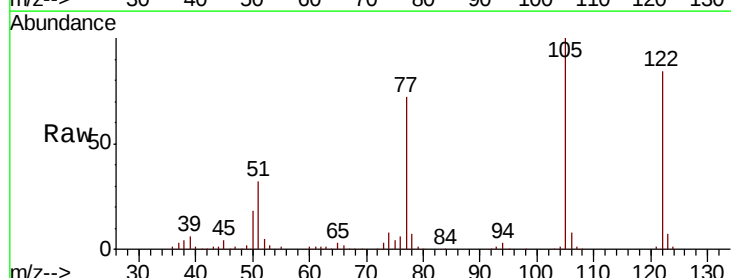
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#32
Benzoic acid
Concen: 52.928 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	98.2	138.2
77	85.7	67.0	107.0





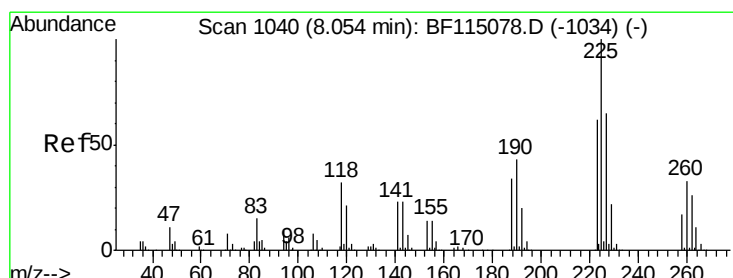
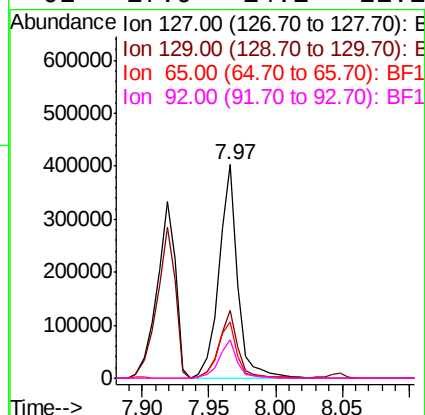
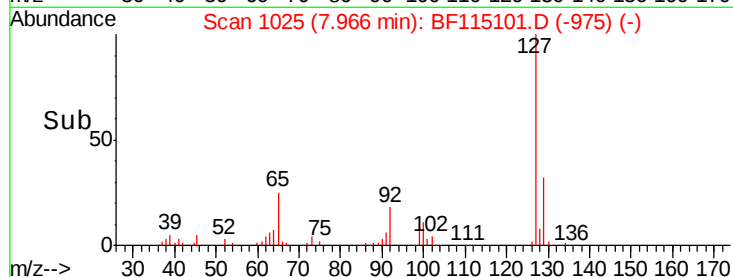
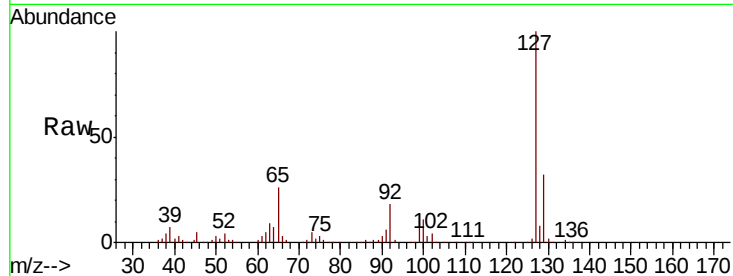
#33
4-Chloroaniline
Concen: 15.747 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		397056		
129	32.0	26.1	39.1		
65	26.2	21.4	32.2		
92	17.9	14.1	21.1		

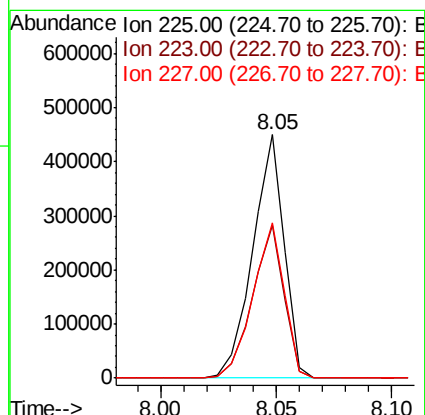
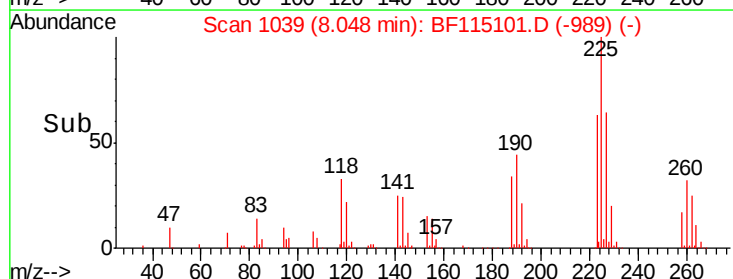
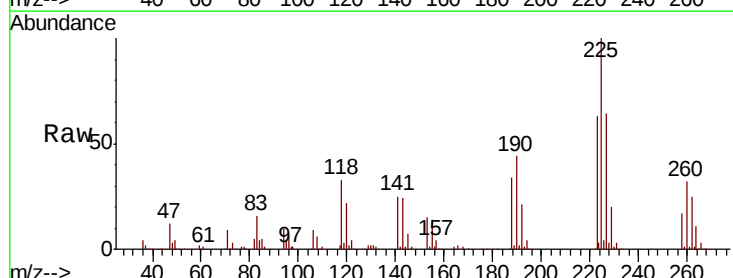
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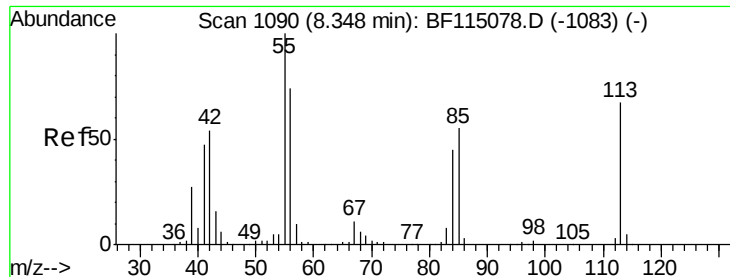
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#34
Hexachlorobutadiene
Concen: 41.928 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		426278		
223	62.6	49.4	74.2		
227	63.6	51.8	77.8		





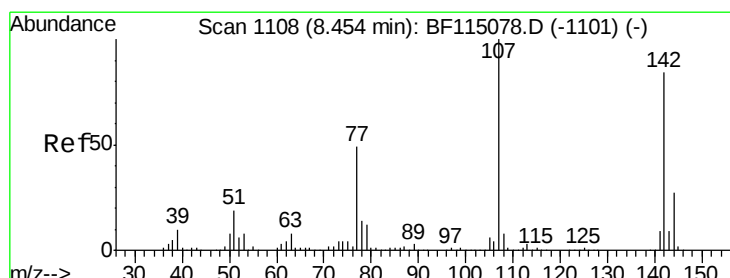
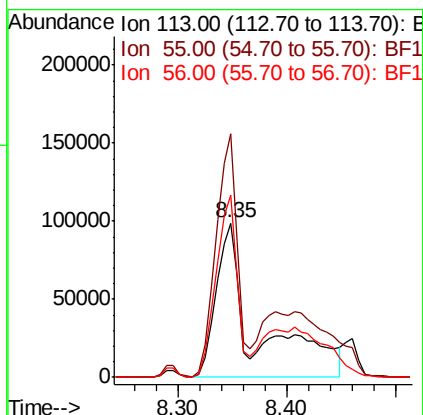
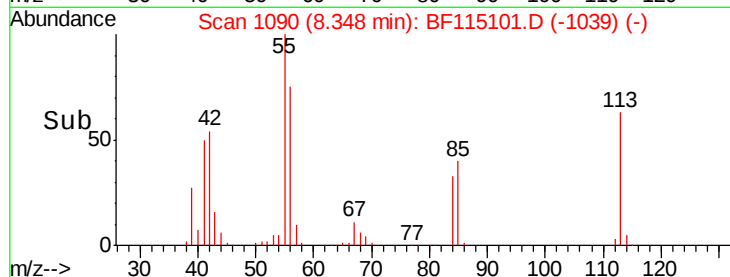
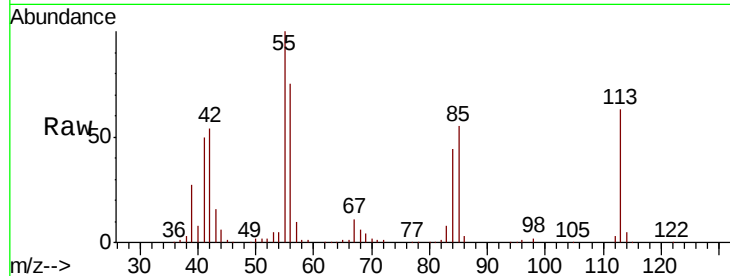
#35
Caprolactam
Concen: 44.042 ng/ml
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	157.7	130.2	170.2
56	117.9	91.6	131.6

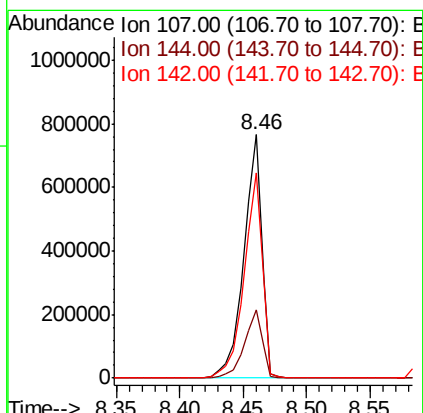
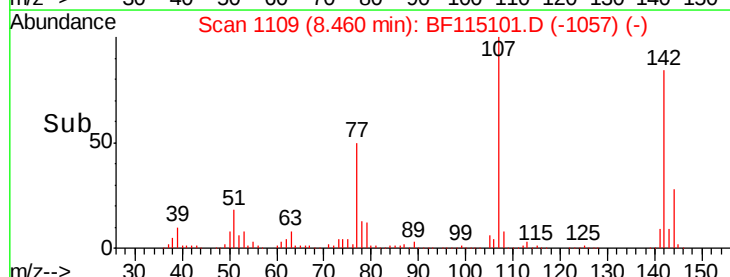
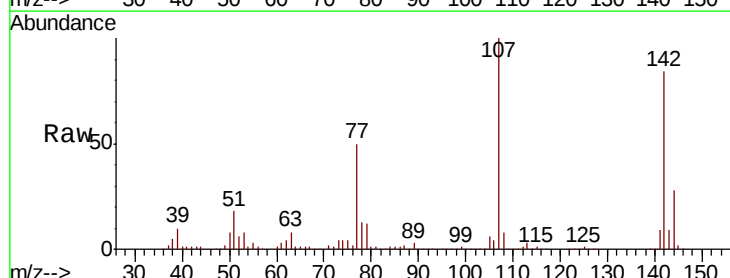
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#36
4-Chloro-3-methylphenol
Concen: 44.123 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.7	32.5
142	84.1	67.0	100.4





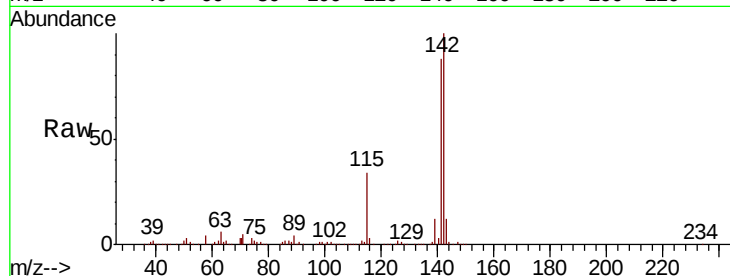
#37
2-Methylnaphthalene
Concen: 44.569 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.6
115	33.8	26.7	40.1

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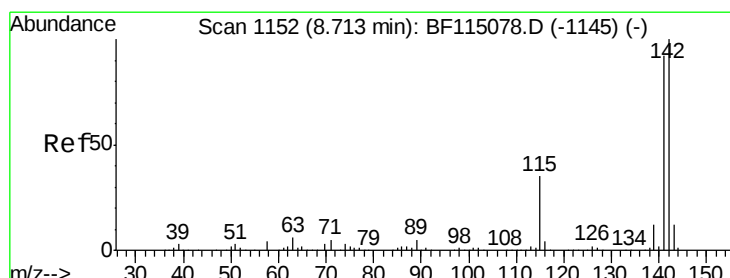
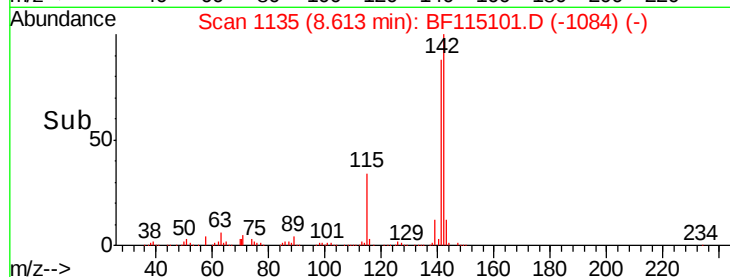
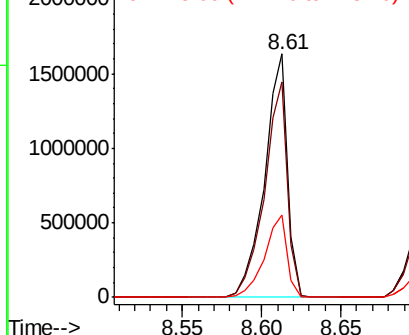


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.026 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

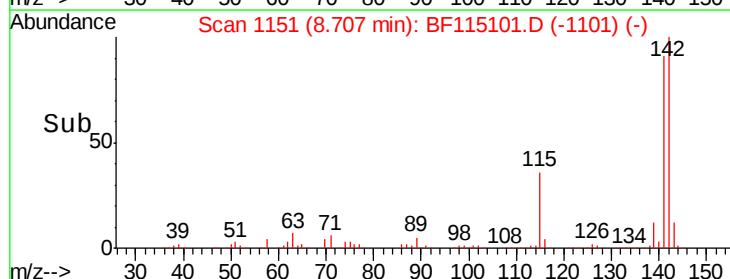
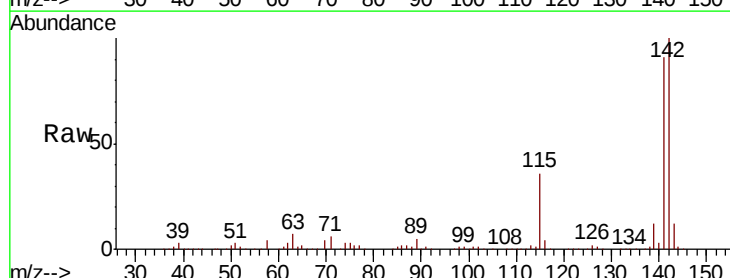
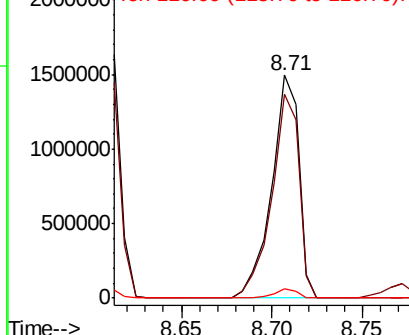
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.8
116	4.0	2.8	4.2

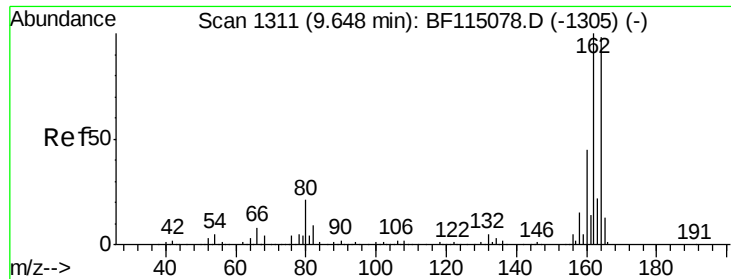
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





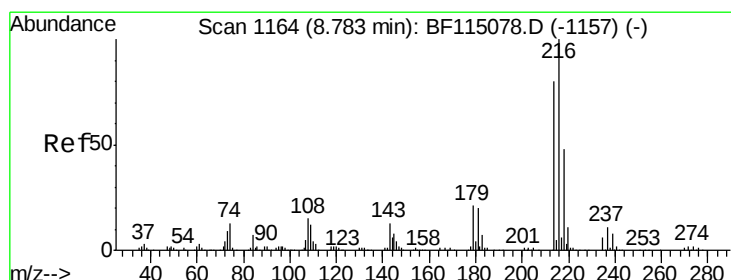
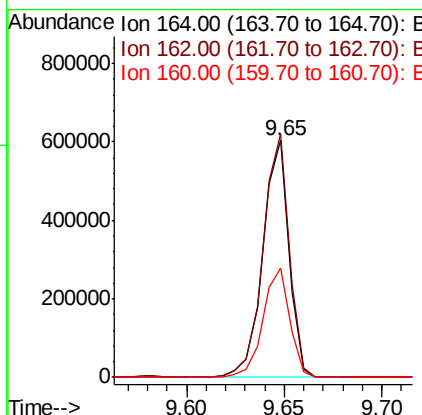
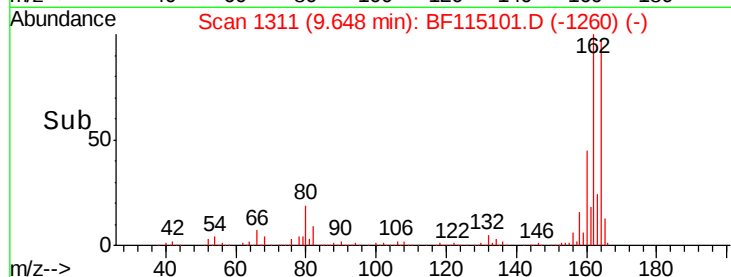
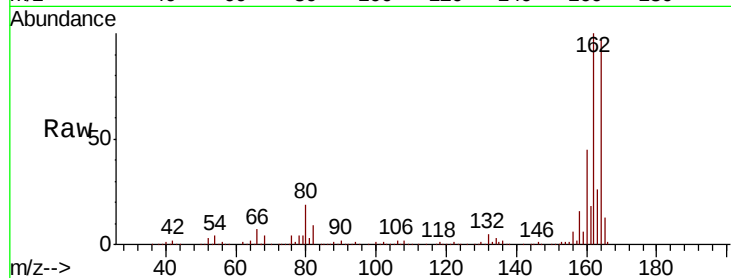
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.7	122.5	
160	46.3	37.0	55.4	

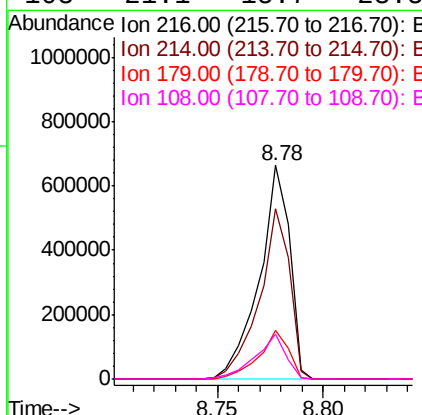
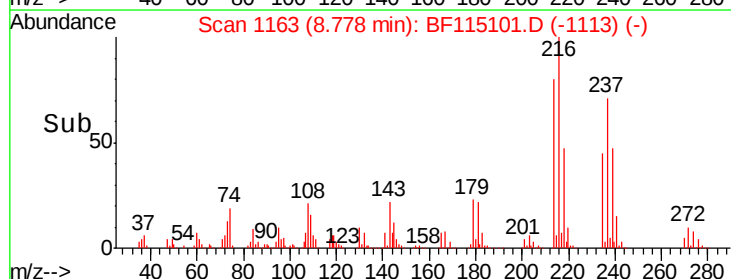
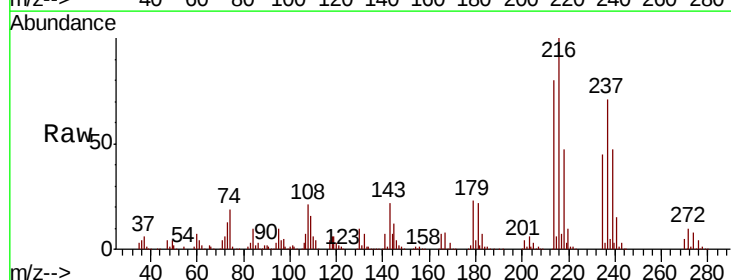
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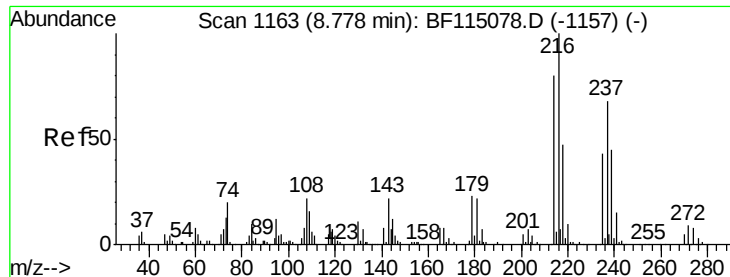
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.146 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.8	95.6	
179	22.1	17.6	26.4	
108	21.1	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 77.393 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

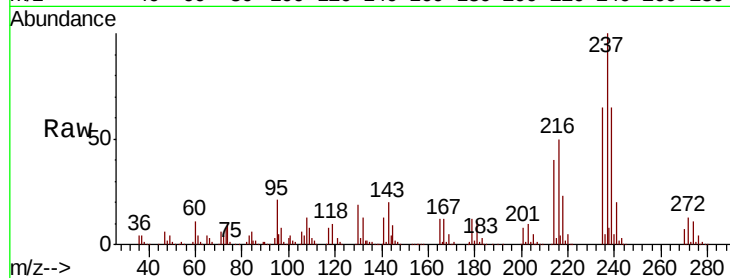
ClientSampleId :

PB120818BS

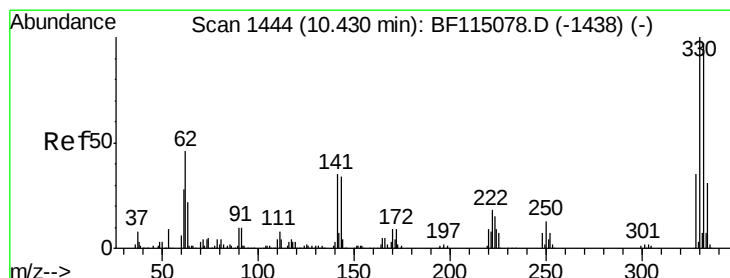
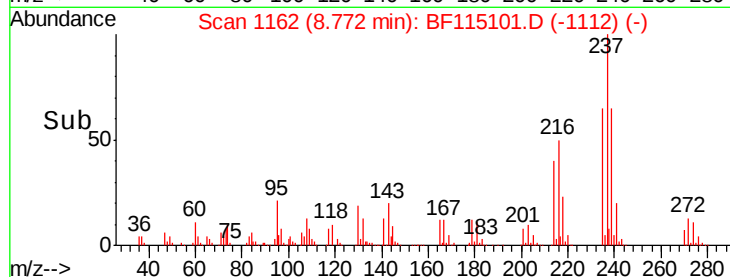
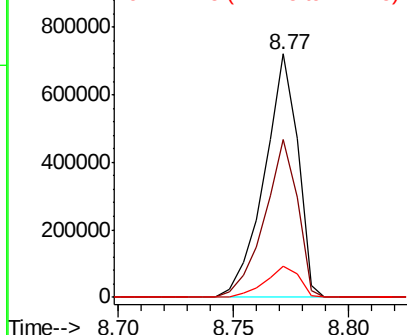
Tot Ion:	237	Resp:	724239
Ion Ratio	Lower	Upper	
237	100		
235	65.1	43.9	83.9
272	13.0	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 128.350 ng

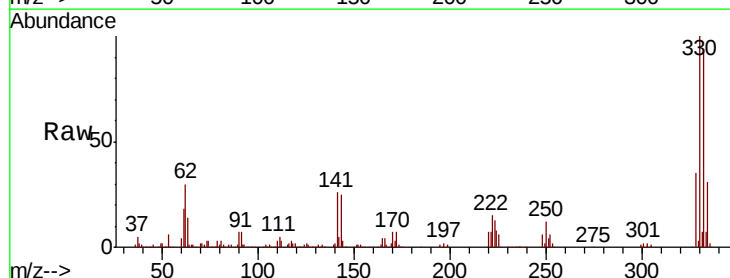
RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

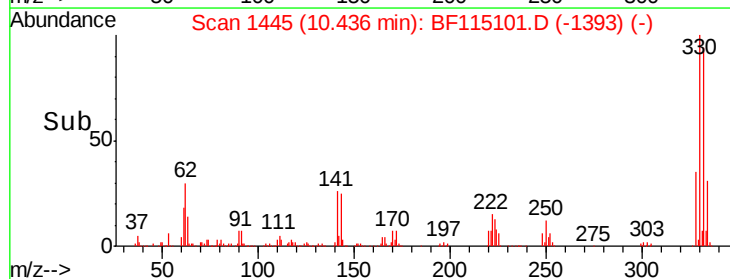
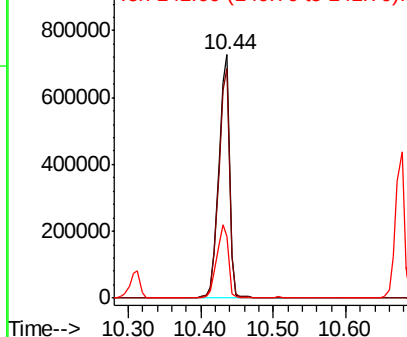
Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:	330	Resp:	755894
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	32.7	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





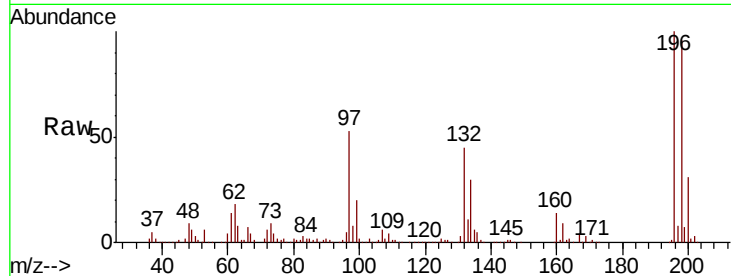
#43
 2,4,6-Trichlorophenol
 Concen: 45.387 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampled :
 PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	552990		
198	96.2	76.3	114.5	
200	31.0	24.2	36.4	

Manual Integrations
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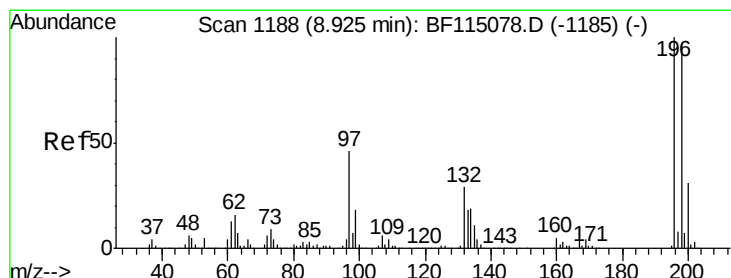
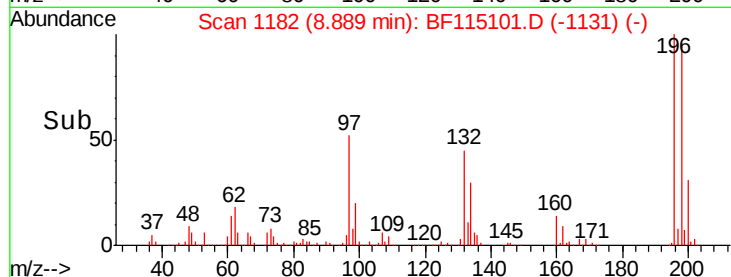
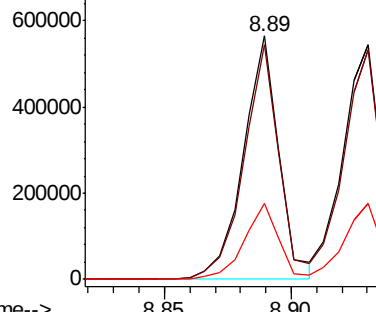


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.262 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	555365		
198	97.5	77.1	115.7	
97	44.0	37.7	56.5	
132	27.6	23.1	34.7	

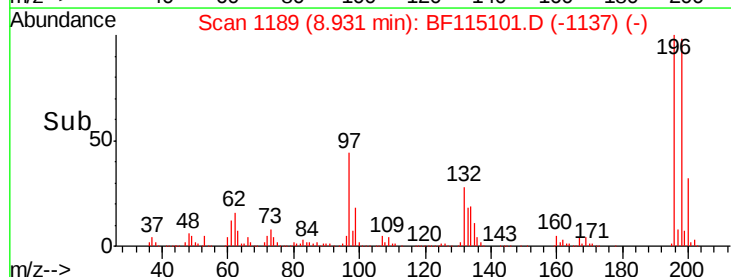
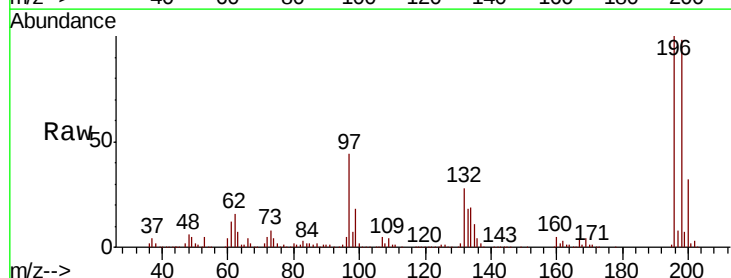
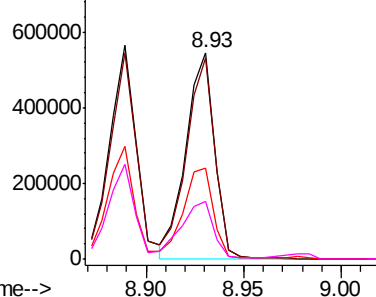
Abundance

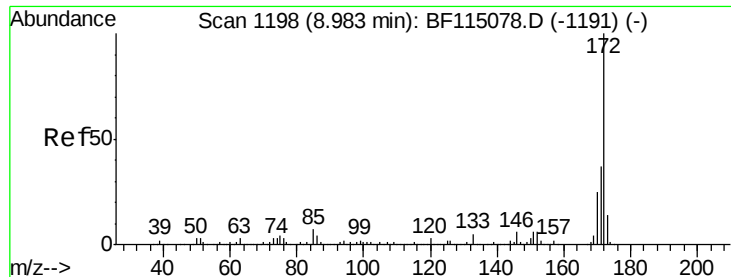
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





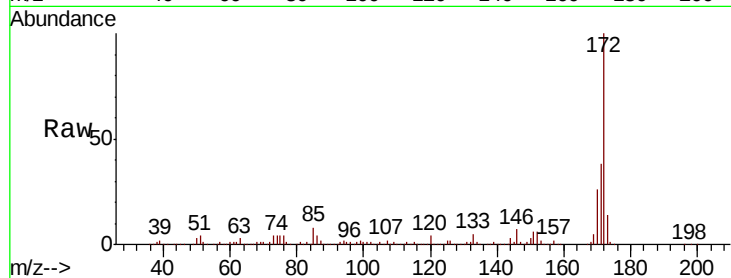
#45
2-Fluorobiphenyl
Concen: 91.936 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.7	20.3	30.5

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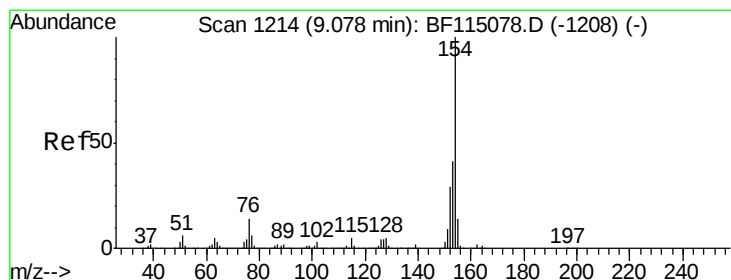
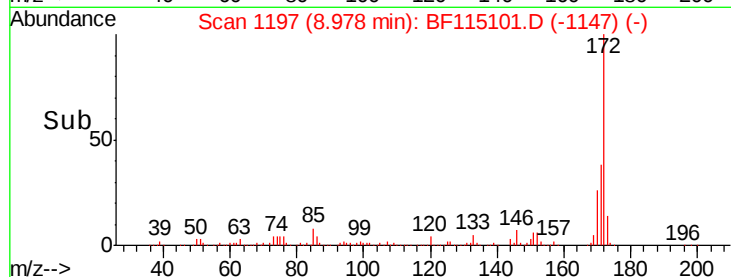
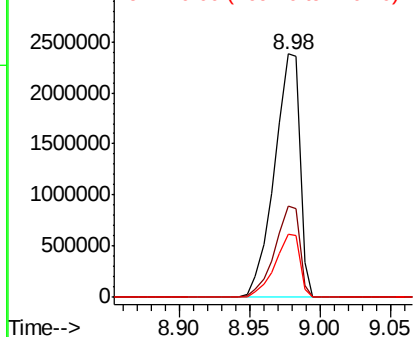


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.960 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

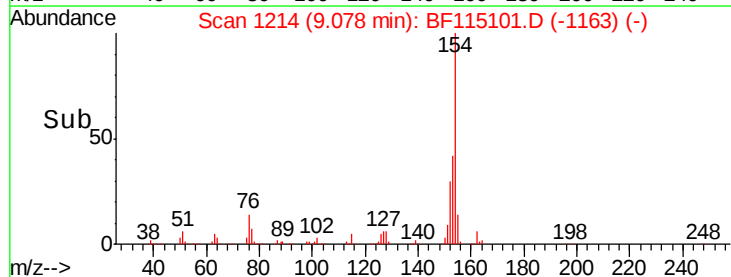
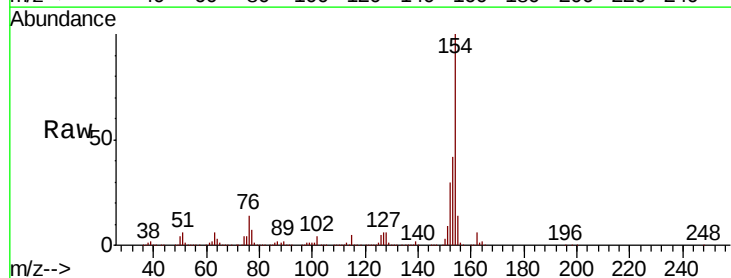
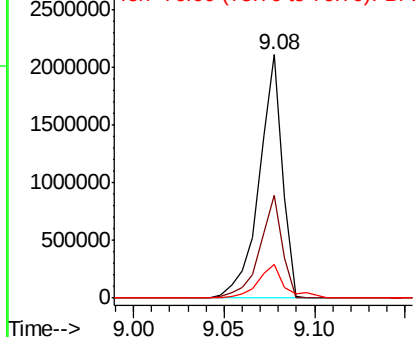
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.9	60.9
76	13.8	0.0	34.1

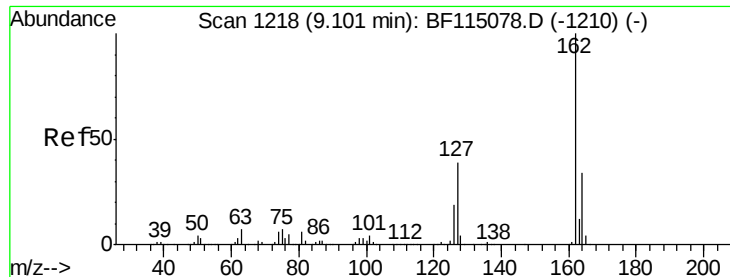
Abundance

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





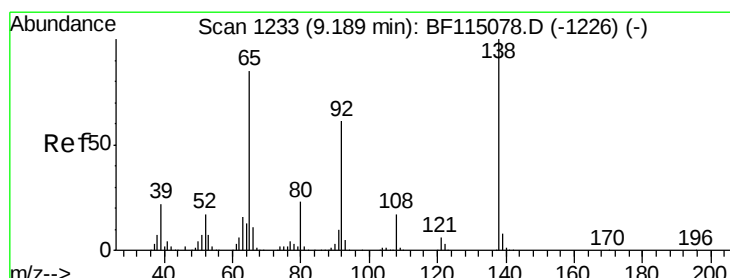
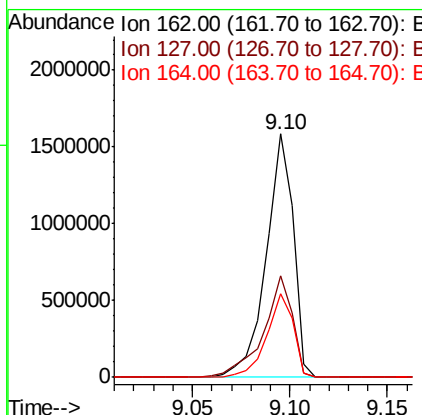
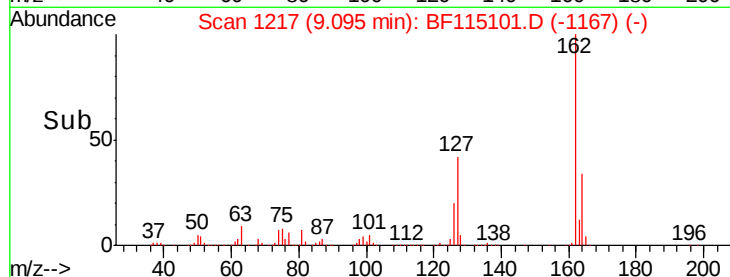
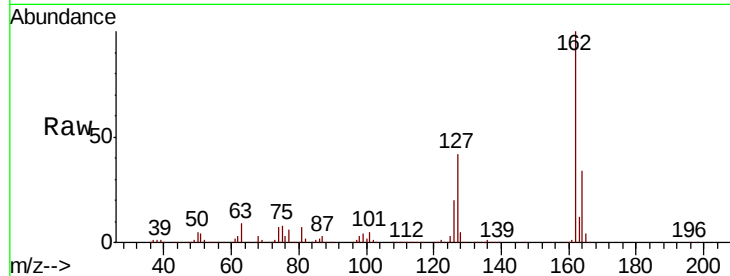
#47
2-Chloronaphthalene
Concen: 42.189 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.8	46.2
164	34.1	27.0	40.4

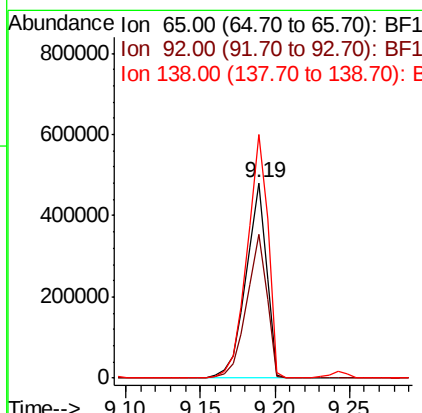
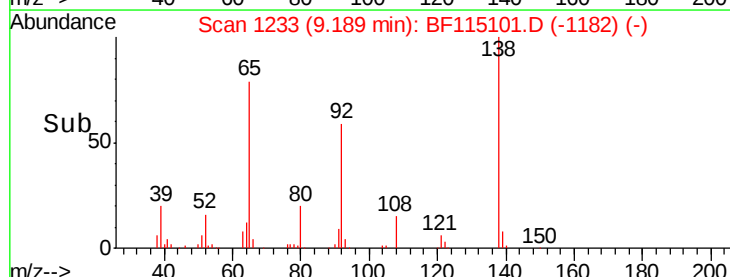
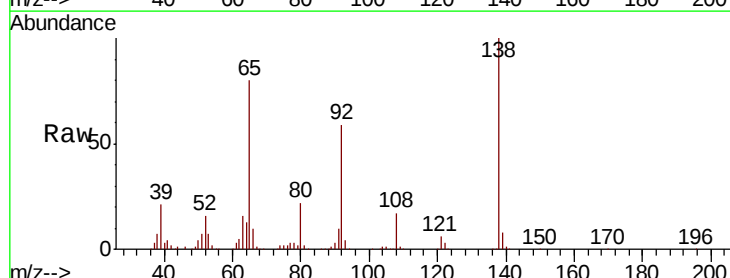
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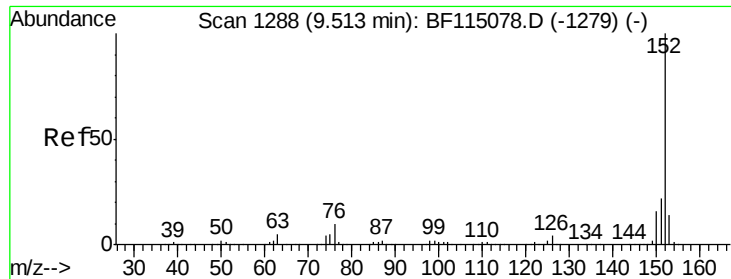
mohammad
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#48
2-Nitroaniline
Concen: 43.343 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.4	86.2
138	124.7	94.1	141.1





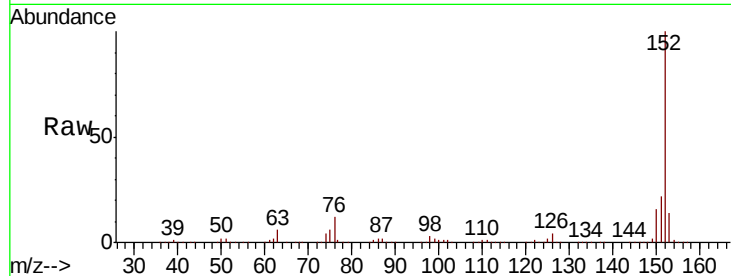
#49
Acenaphthylene
Concen: 42.183 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.5	11.0	16.6

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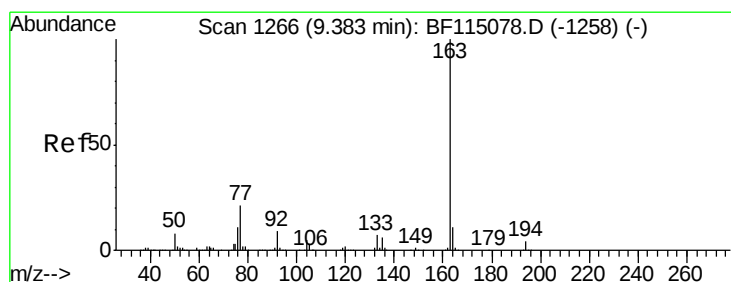
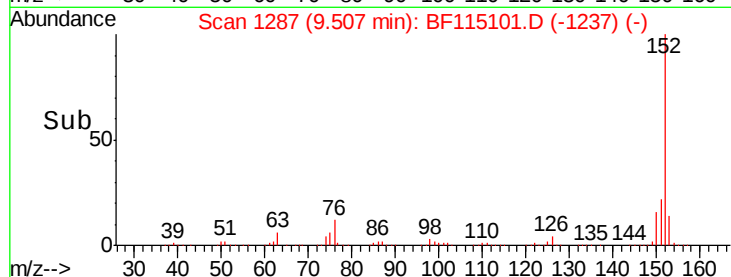
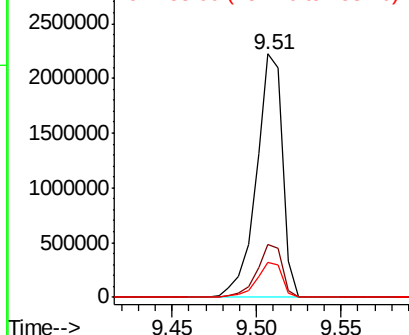


Abundance

Ion 152.00 (151.70 to 152.70): E

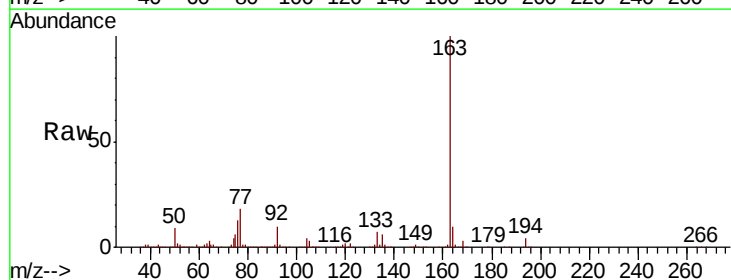
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 42.753 ng
RT: 9.39 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.4	8.6	13.0

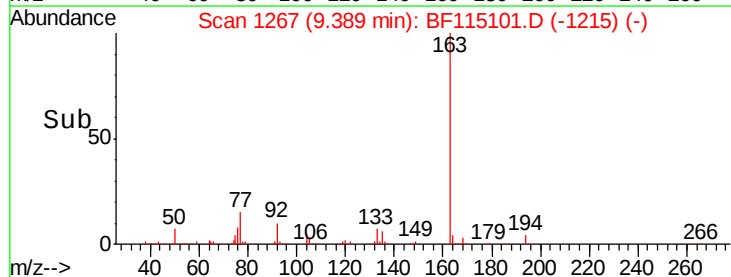
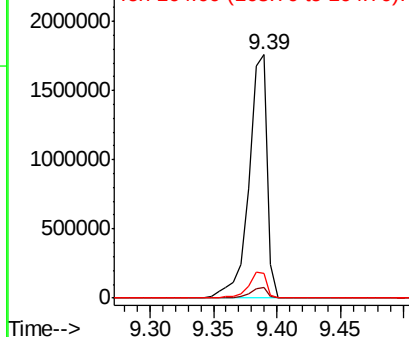


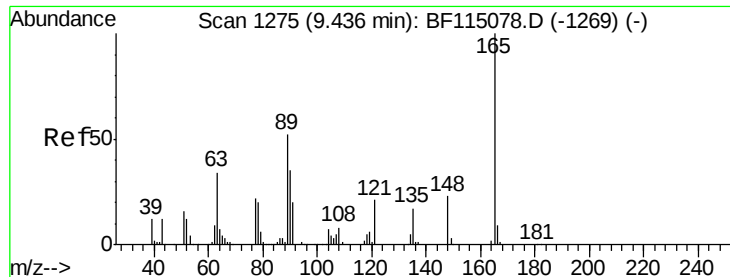
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





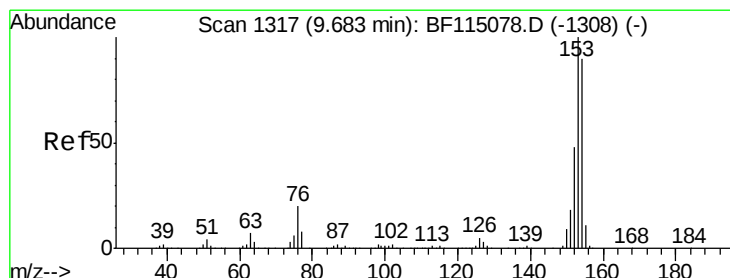
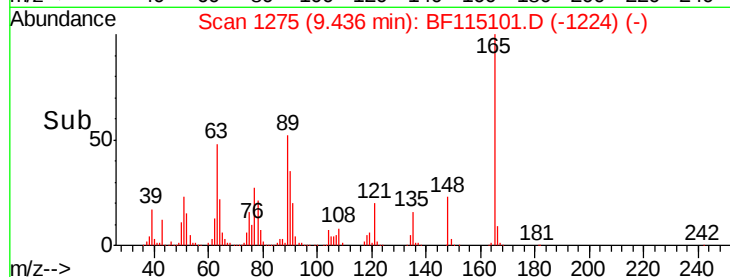
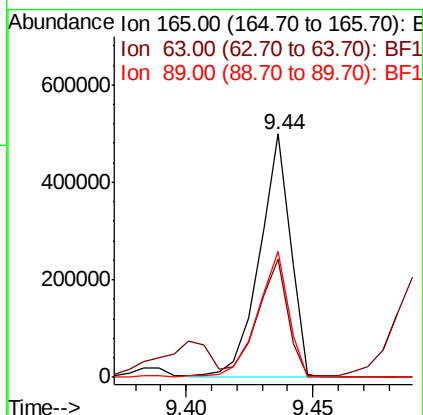
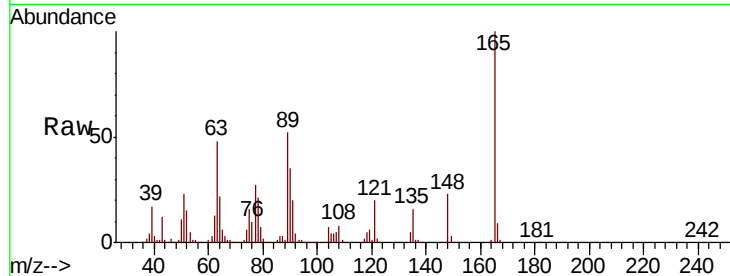
#51
 2,6-Dinitrotoluene
 Concen: 45.170 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	39.4	59.2
89	51.9	42.0	63.0

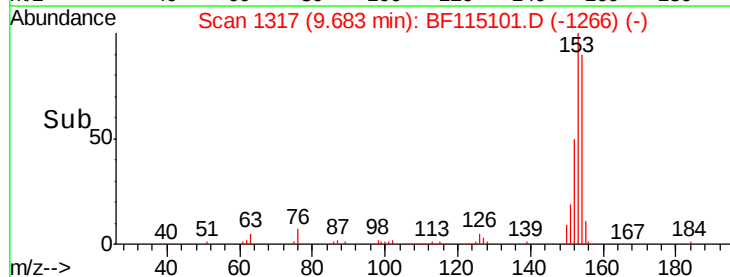
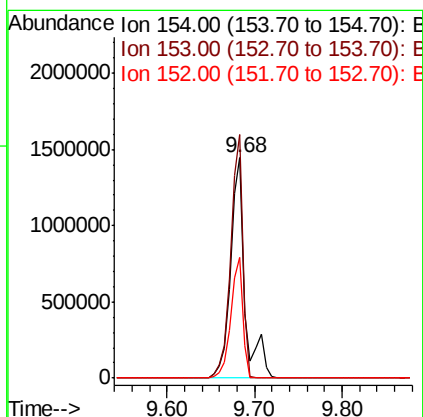
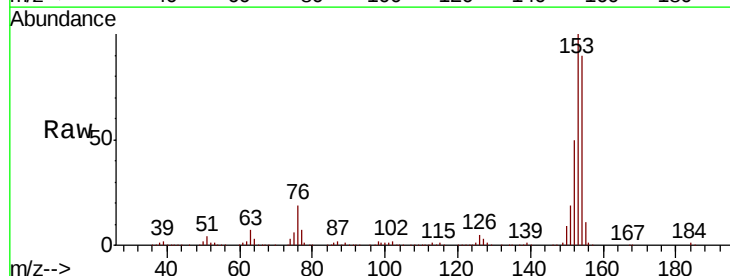
Manual Integrations
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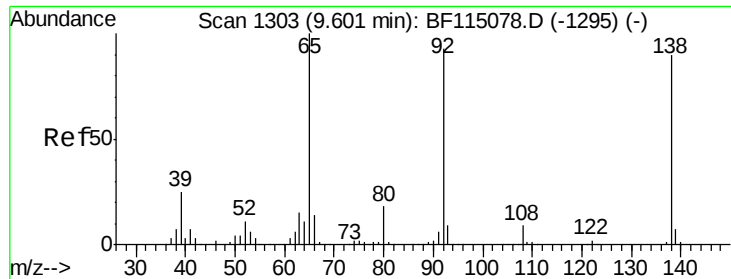
mohammad
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#52
 Acenaphthene
 Concen: 46.651 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.7	133.1
152	55.1	42.6	64.0





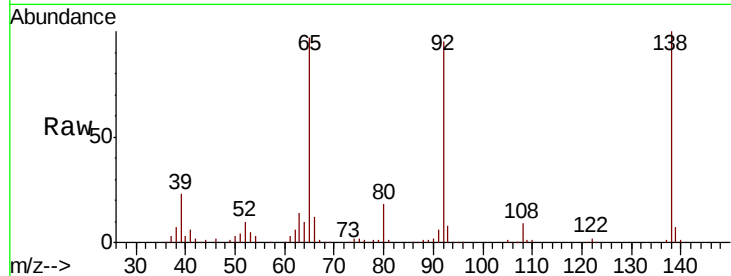
#53
 3-Nitroaniline
 Concen: 26.585 ng
 RT: 9.60 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	307745		
108	9.2	7.8	11.6	
92	95.3	82.9	124.3	

Manual Integrations
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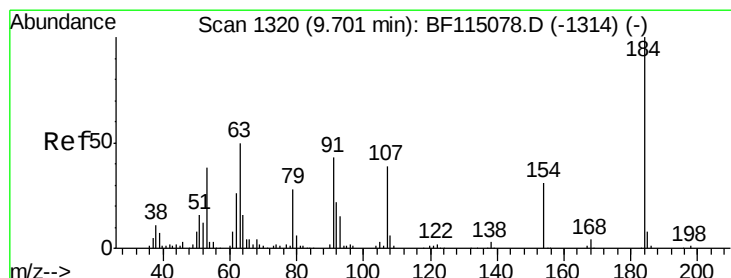
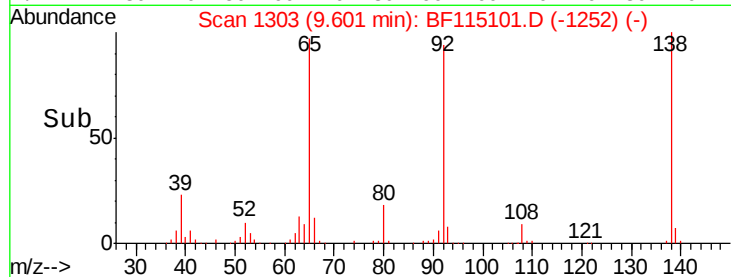
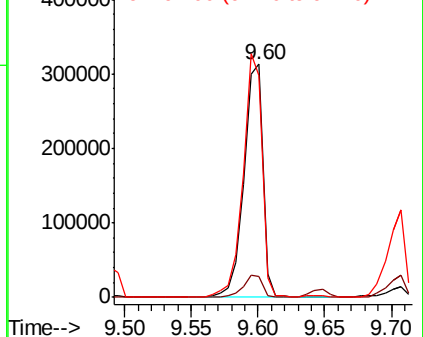


Abundance

Ion 138.00 (137.70 to 138.70): E

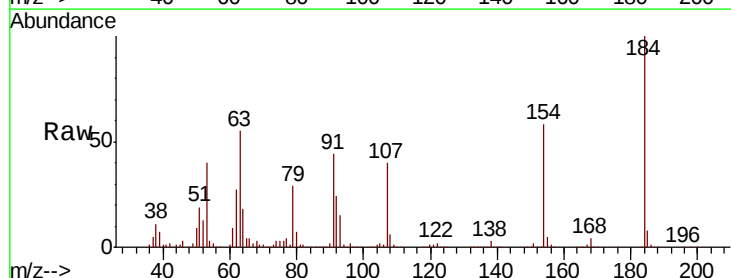
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 90.566 ng
 RT: 9.71 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	447282		
63	54.8	41.9	62.9	
154	57.6	44.7	67.1	

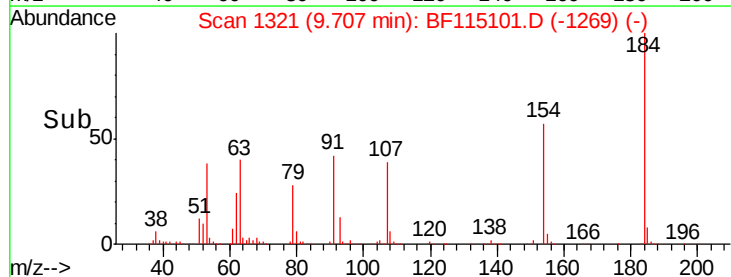
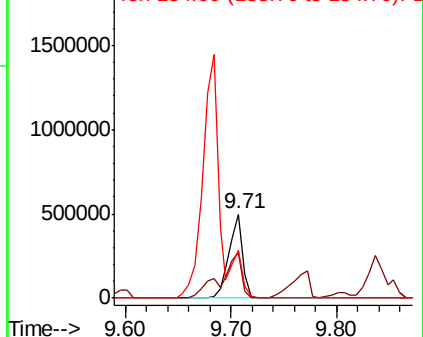


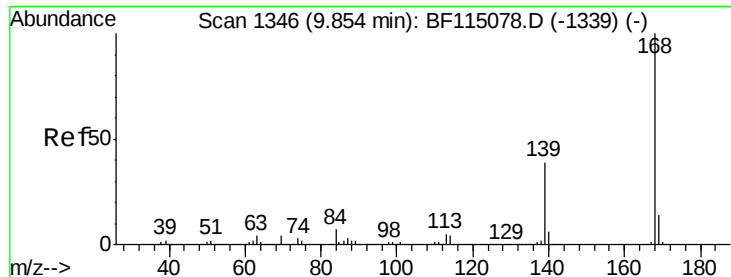
Abundance

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





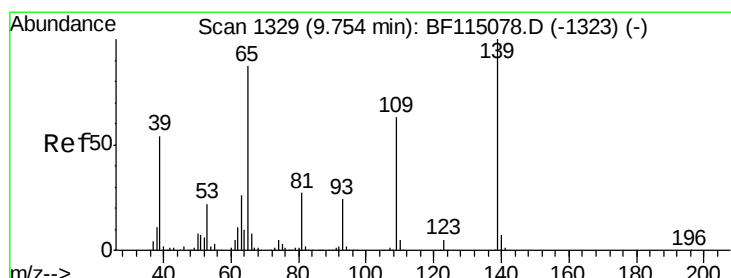
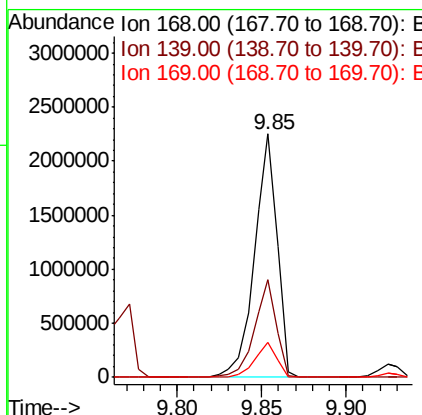
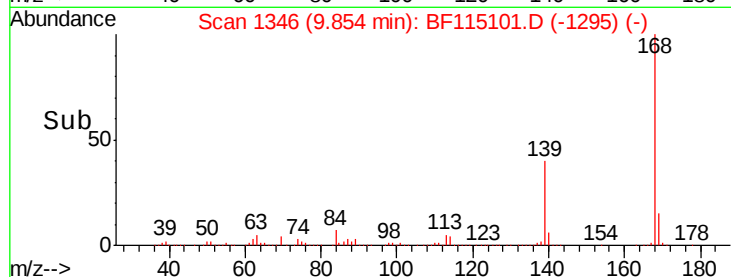
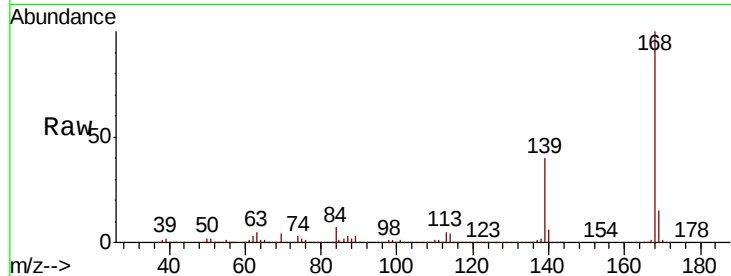
#55
Dibenzofuran
Concen: 41.393 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampled :
PB120818BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	31.1	46.7
169	14.6	11.3	16.9

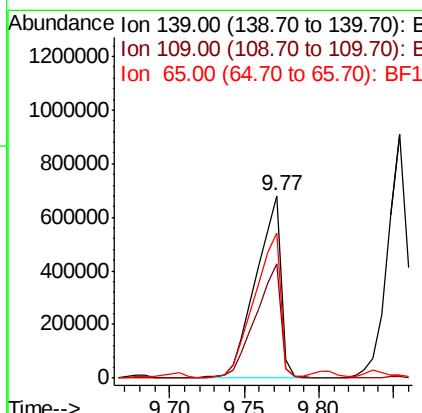
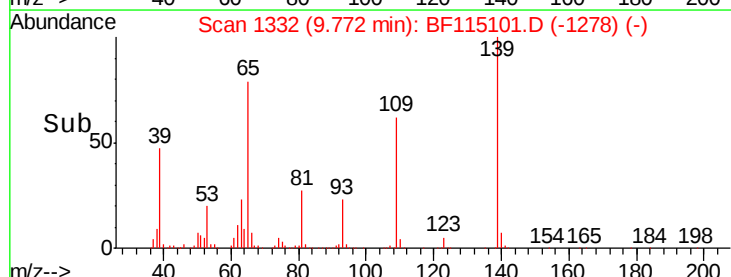
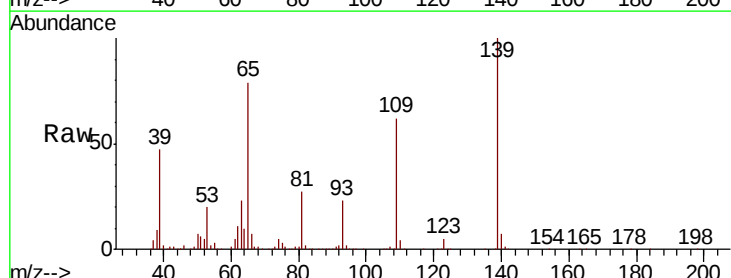
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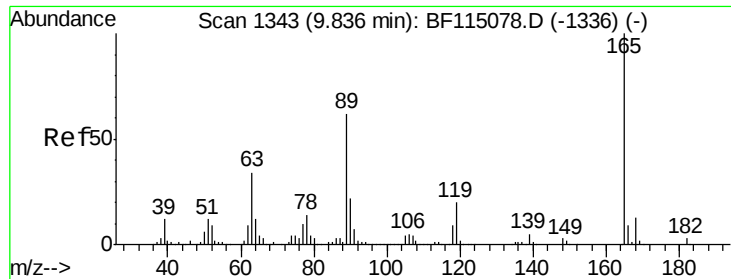
mohammad
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#56
4-Nitrophenol
Concen: 85.052 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.5	43.0	83.0
65	79.4	67.0	107.0





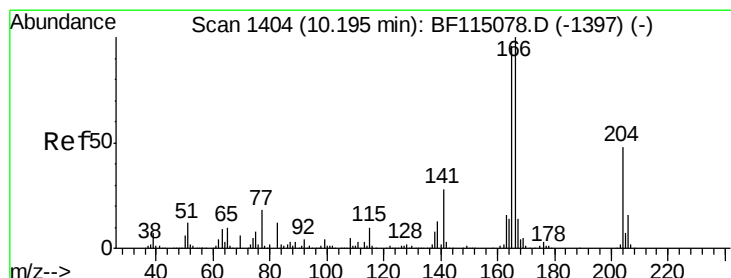
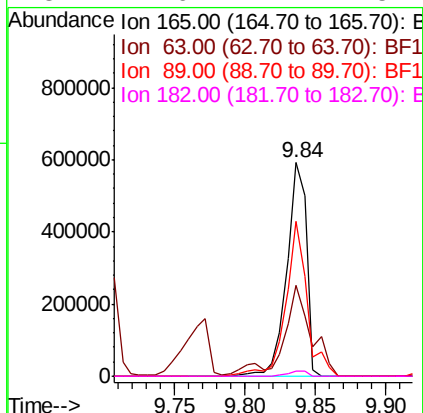
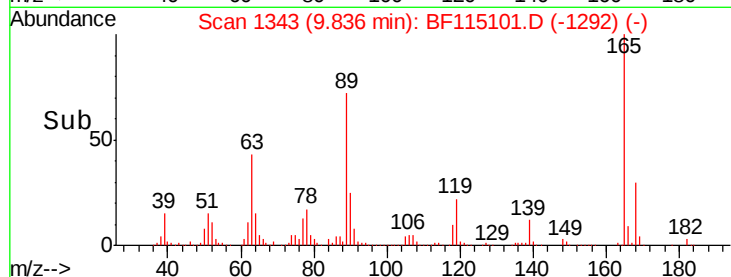
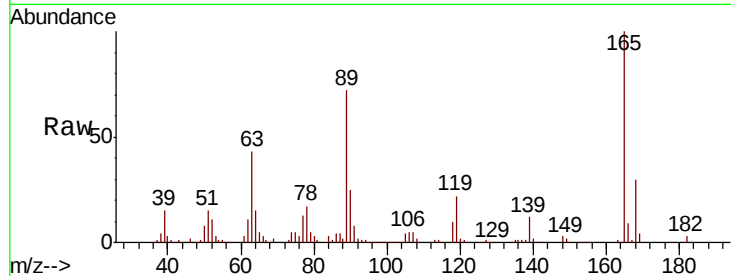
#57
2,4-Dinitrotoluene
Concen: 46.699 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.6	27.5	41.3	
89	72.2	49.9	74.9	
182	2.6	2.1	3.1	

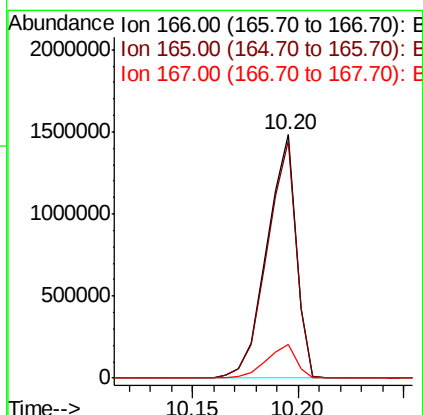
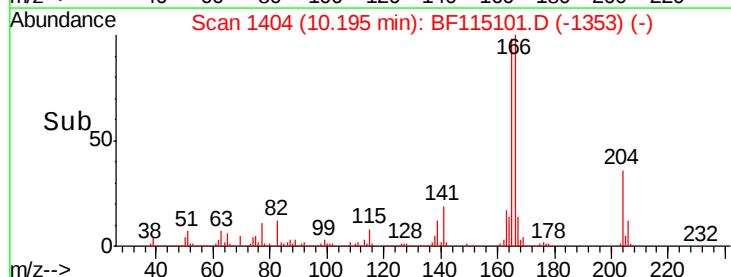
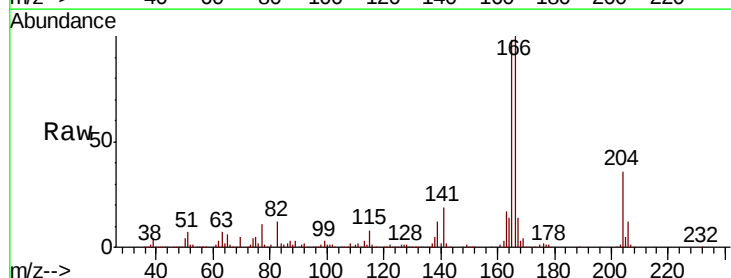
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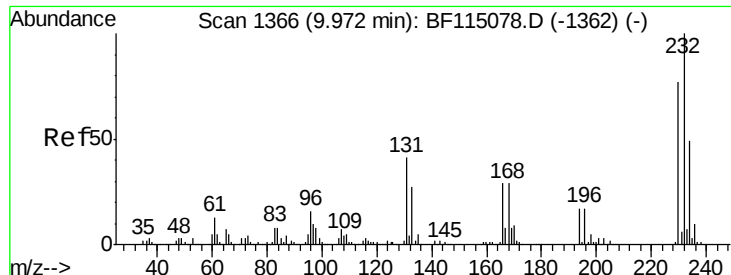
mohammad
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#58
Fluorene
Concen: 41.836 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	76.5	114.7	
167	13.8	11.0	16.4	





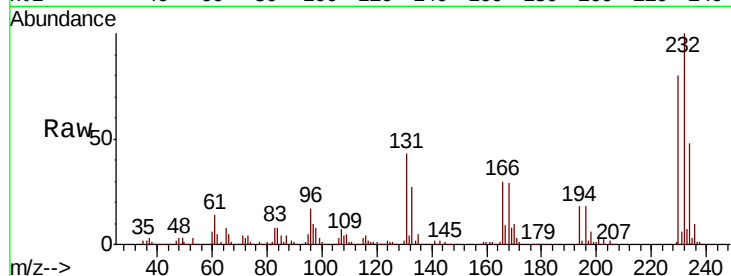
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.694 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

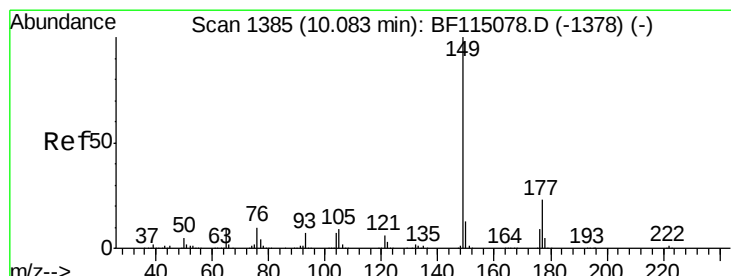
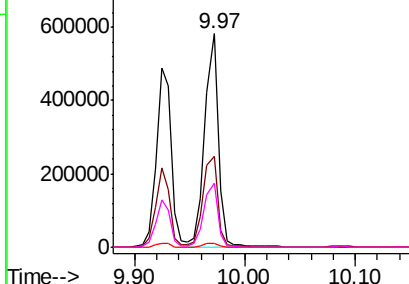
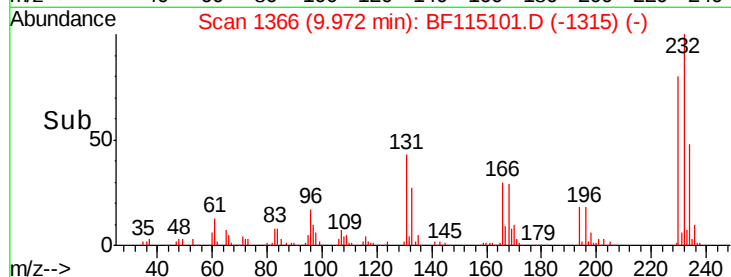
Tot Ion	Ratio	Resp	Lower	Upper
232	100	480752		
131	46.2		37.4	56.0
130	2.3		1.8	2.6
166	31.0		24.6	36.8

Manual Integrations
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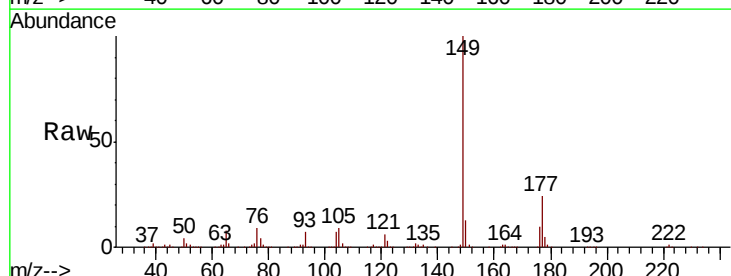


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

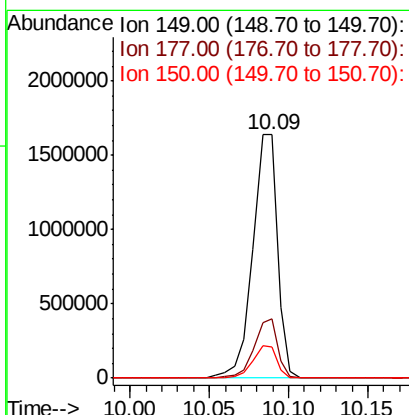
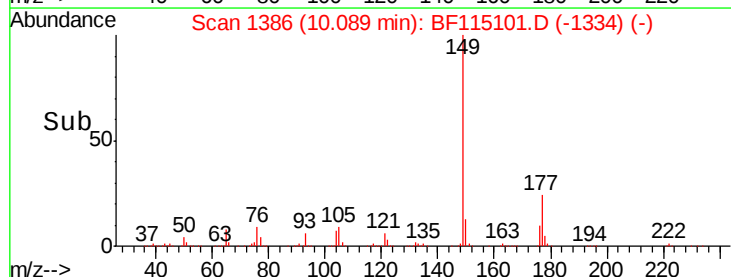


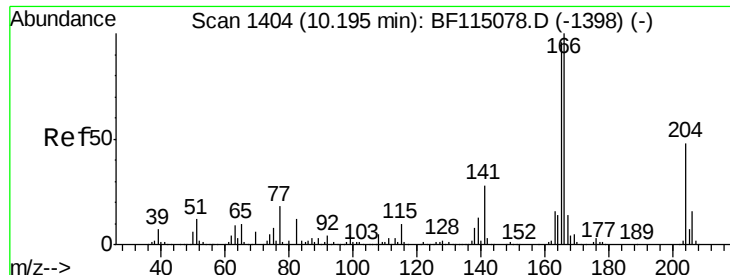
#60
 Diethylphthalate
 Concen: 43.318 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1789128		
177	24.5		18.7	28.1
150	12.7		10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





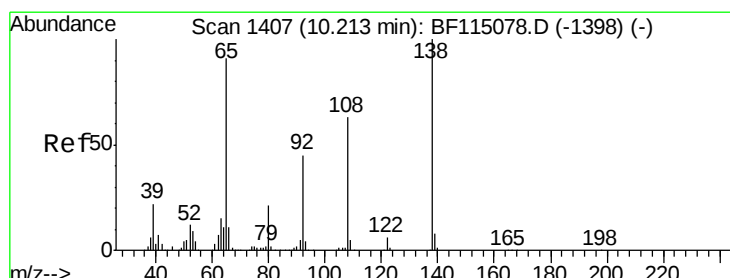
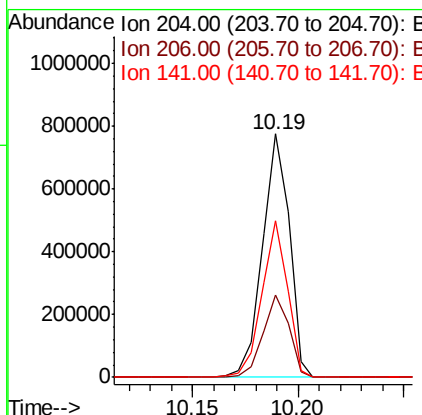
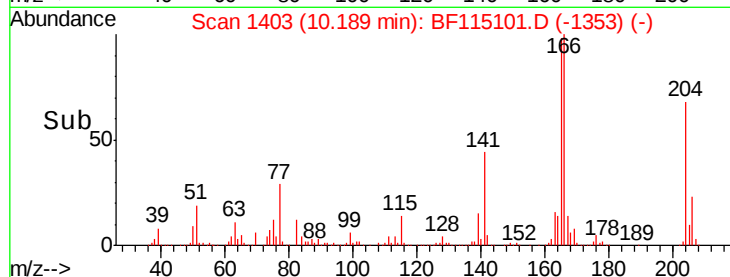
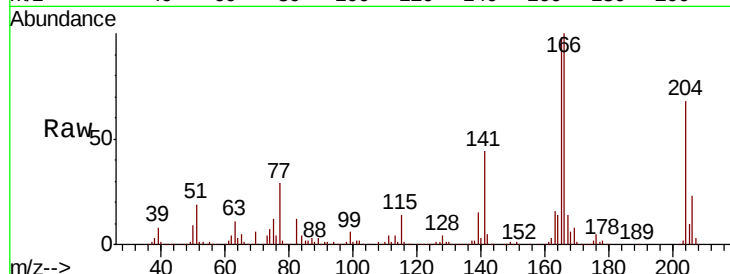
#61
4-Chlorophenyl-phenylether
Concen: 42.494 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleID :
PB120818BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	40.0
141	64.5	46.7	70.1

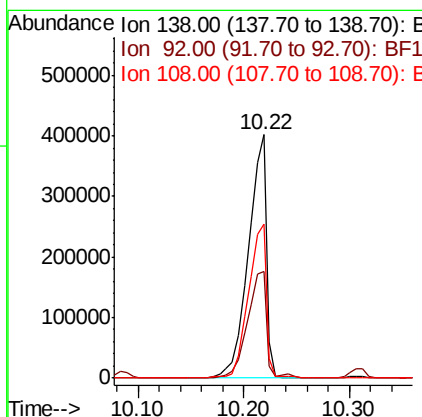
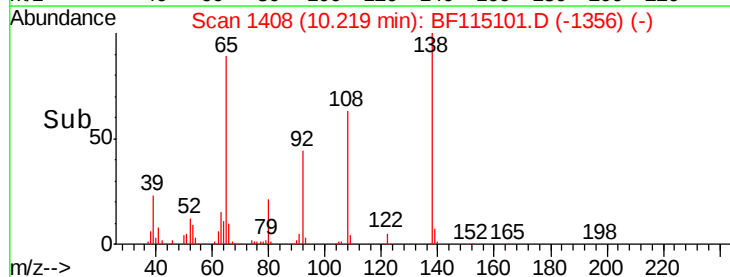
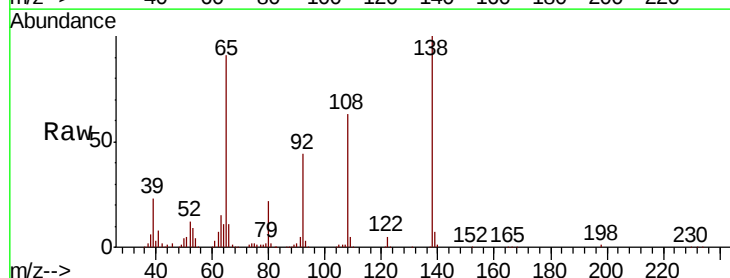
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#62
4-Nitroaniline
Concen: 41.388 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.6	24.8	64.8
108	63.2	43.3	83.3





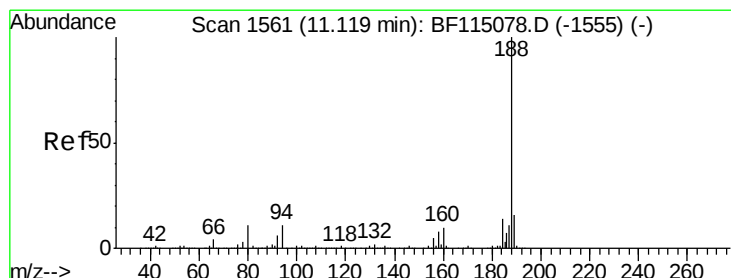
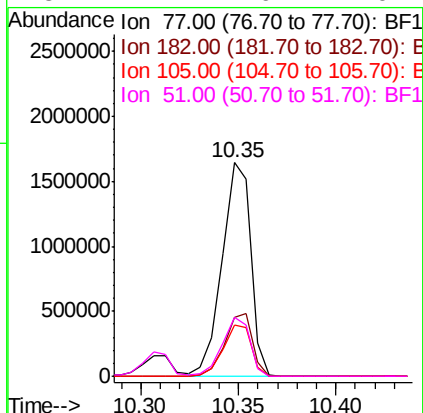
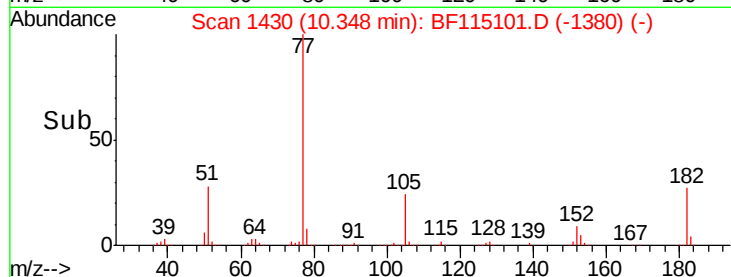
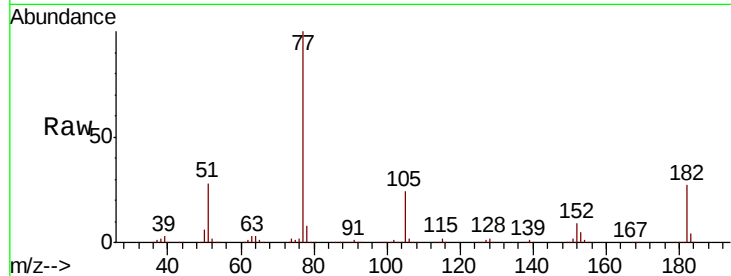
#63
Azobenzene
Concen: 43.318 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	10.1	50.1
105	24.0	4.5	44.5
51	27.7	6.4	46.4

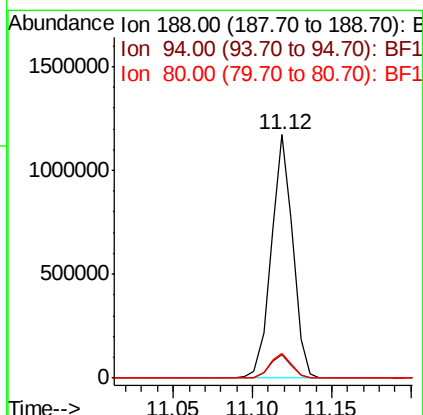
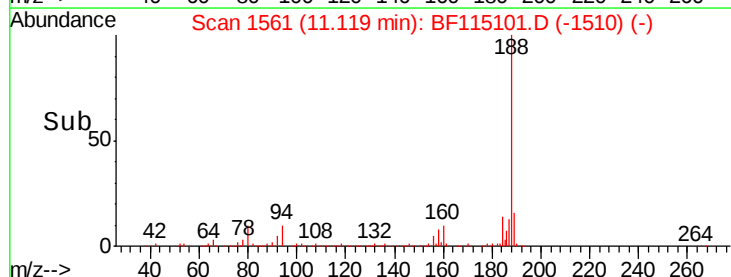
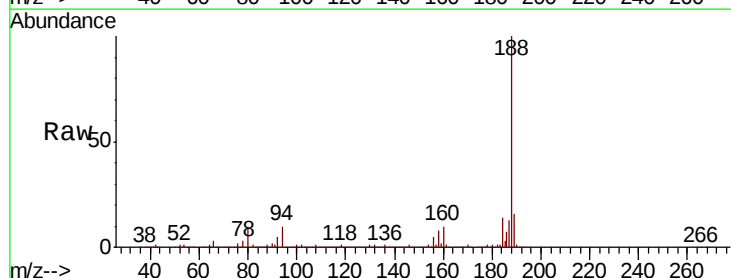
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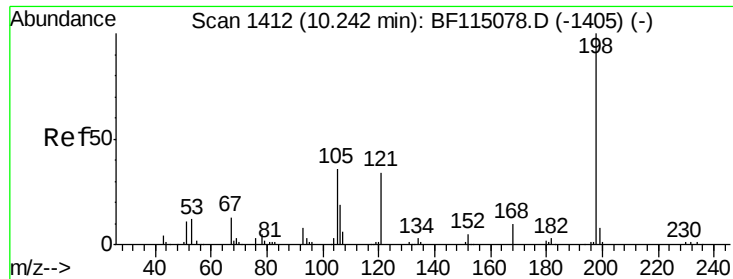
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.4	8.8	13.2





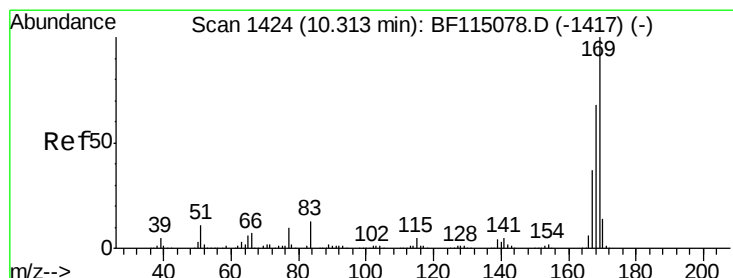
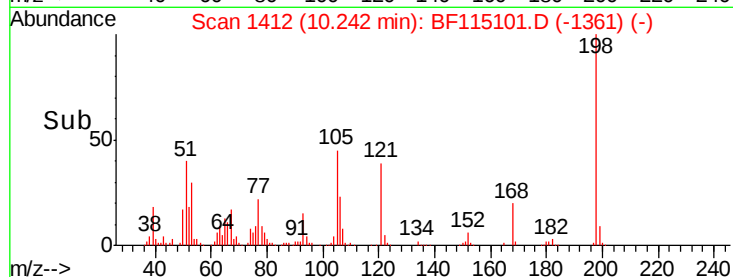
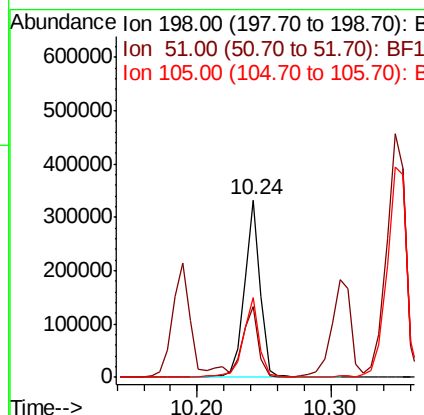
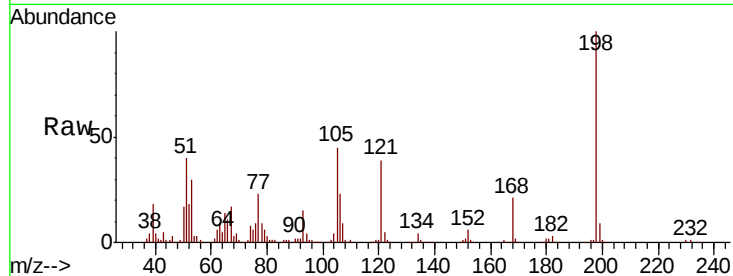
#65
4,6-Dinitro-2-methylphenol
Concen: 46.116 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	269862		
51	39.9	11.0	51.0	
105	44.9	17.3	57.3	

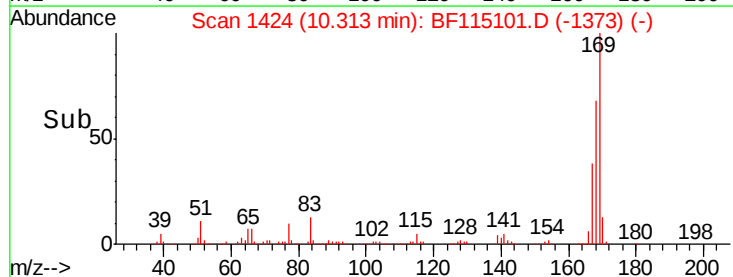
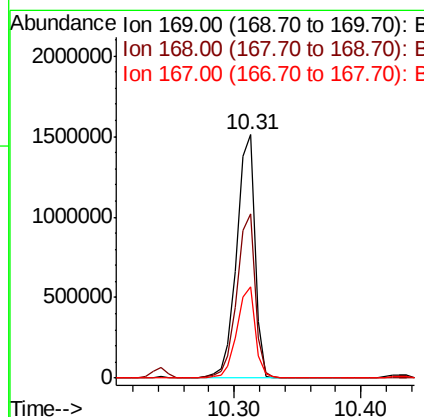
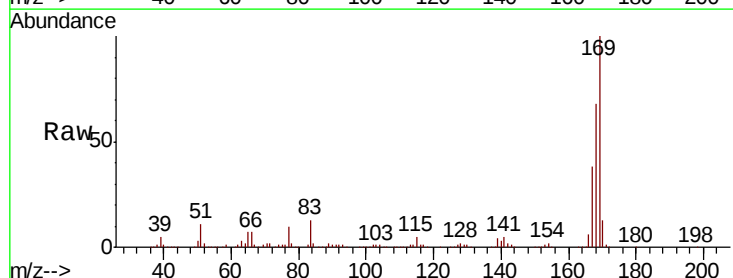
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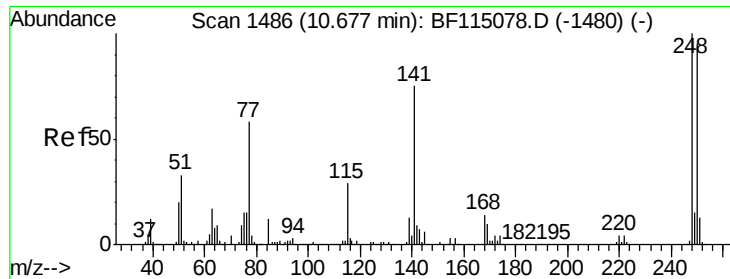
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#66
n-Nitrosodiphenylamine
Concen: 43.221 ng
RT: 10.31 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1487925		
168	67.6	54.2	81.4	
167	37.6	29.4	44.0	





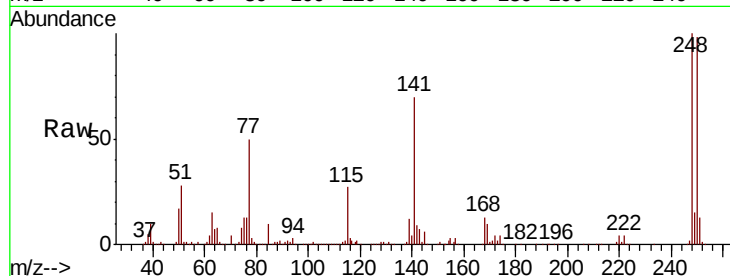
#67
4-Bromophenyl-phenylether
Concen: 41.914 ng
RT: 10.68 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.2	114.2
141	70.0	59.6	89.4

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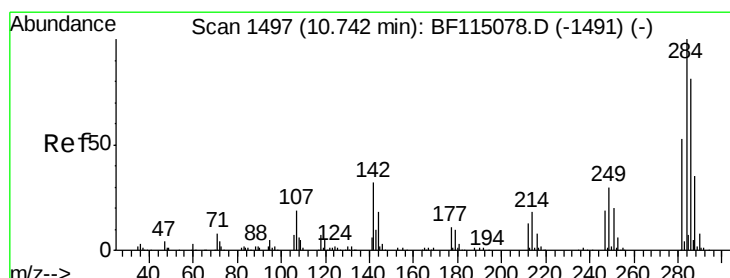
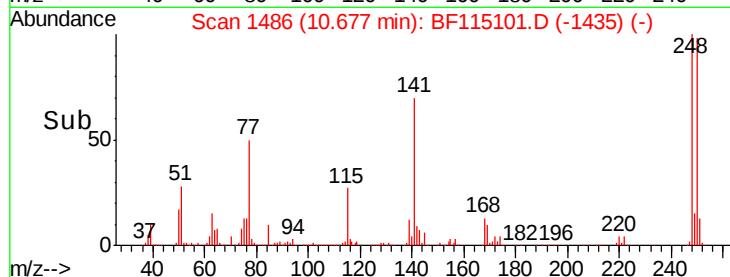
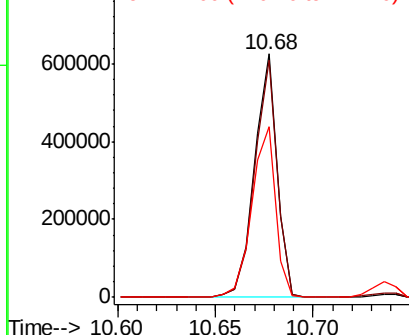


Abundance

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: 42.313 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

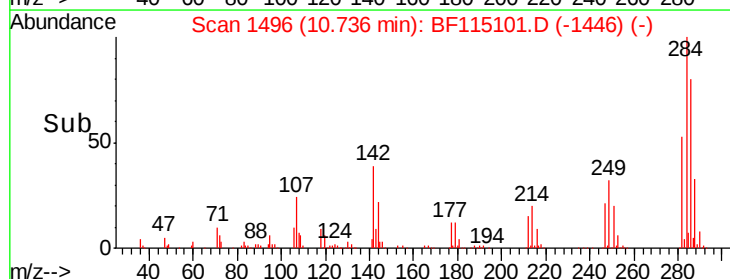
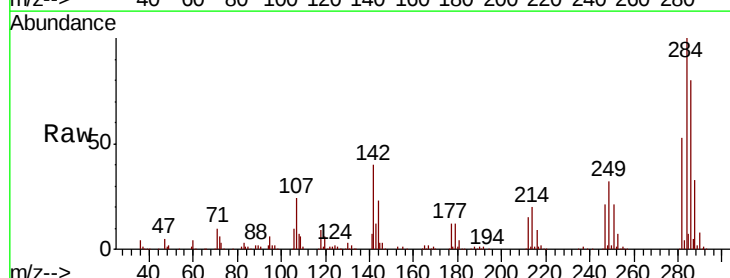
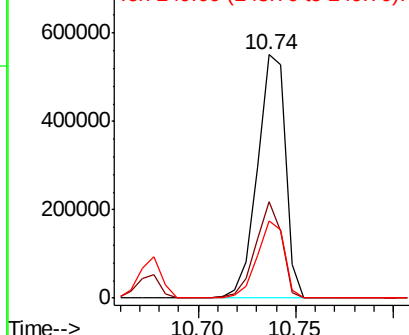
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.6	25.8	38.8#
249	32.0	24.2	36.4

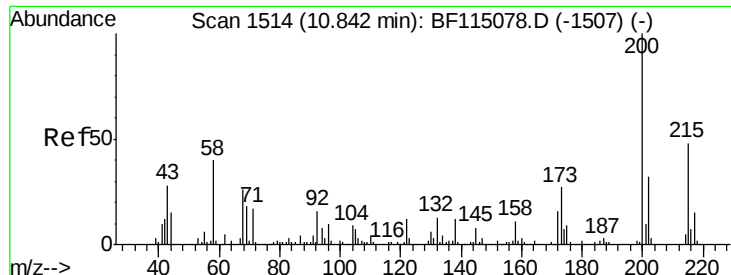
Abundance

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





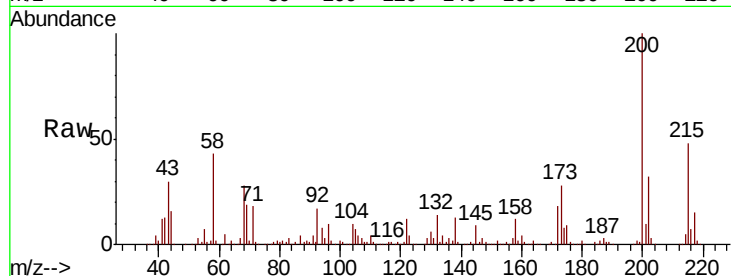
#69
Atrazine
Concen: 43.009 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	7.4	47.4
215	48.0	27.8	67.8

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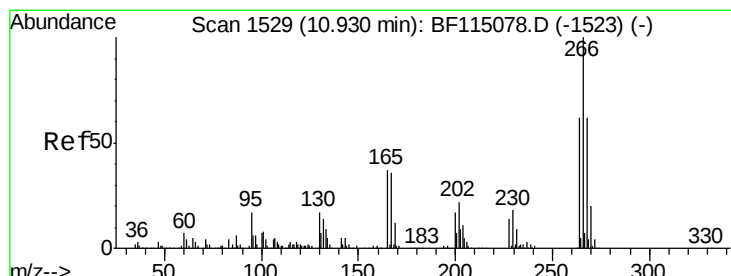
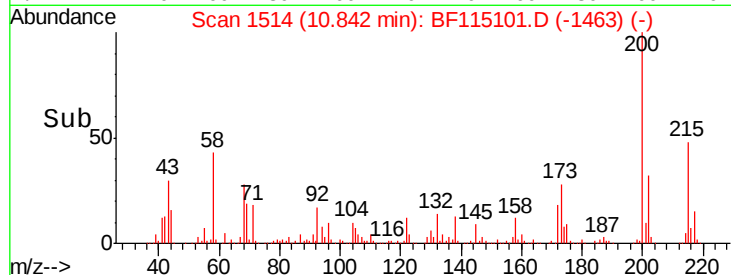
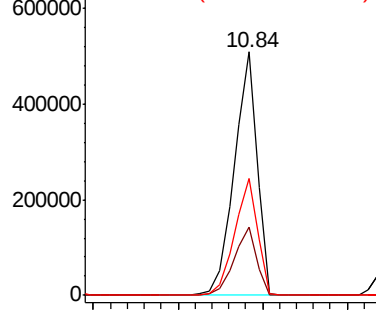


Abundance

Ion 200.00 (199.70 to 200.70): E

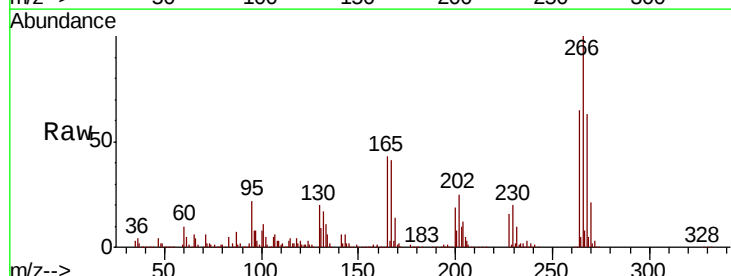
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 78.944 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	49.5	74.3
264	64.5	49.3	73.9

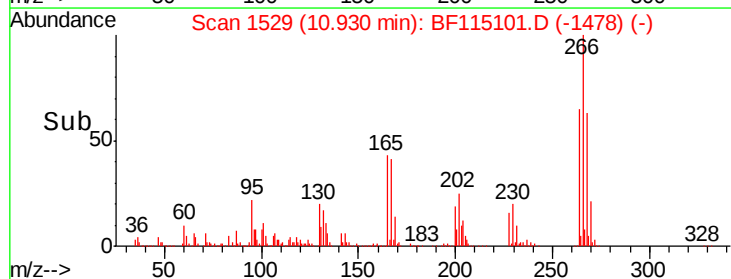
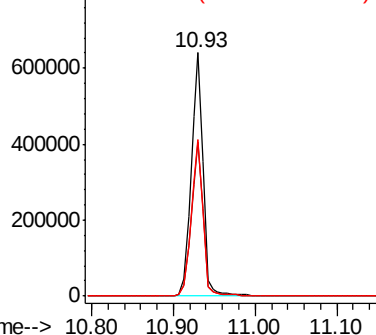


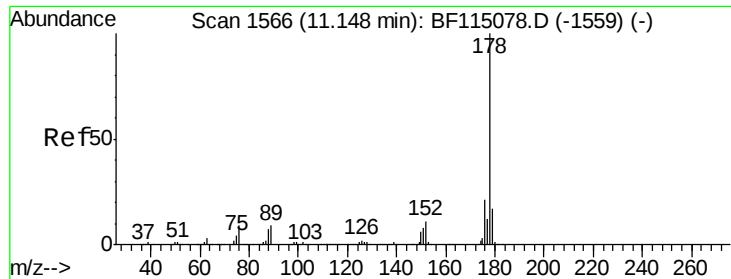
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





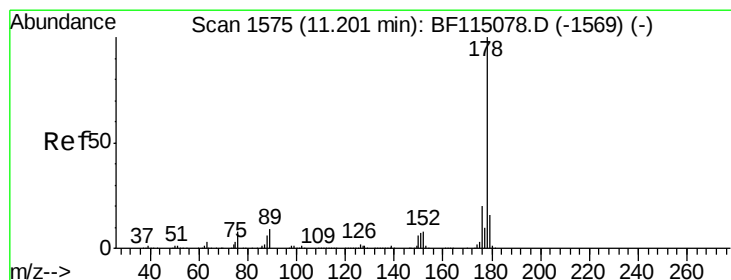
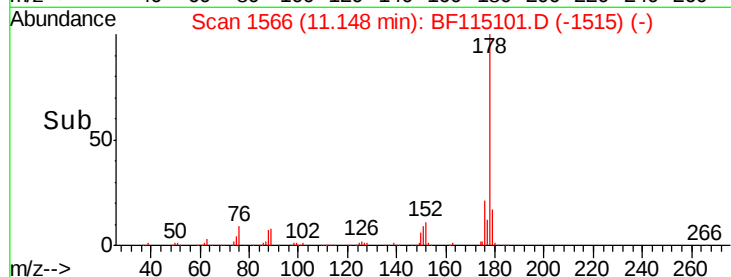
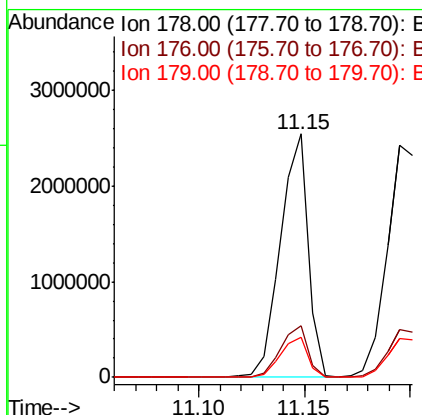
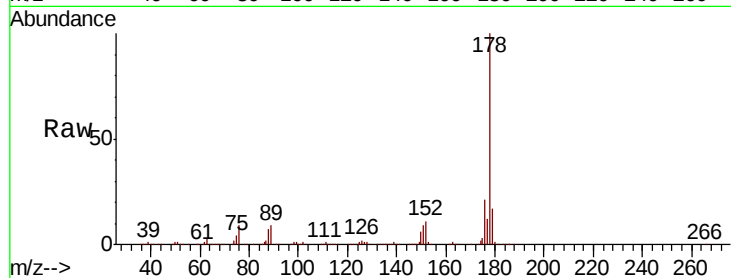
#71
Phenanthrene
Concen: 39.405 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.9	25.3
179	16.7	13.2	19.8

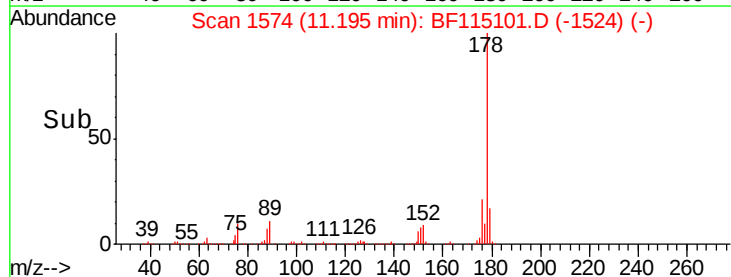
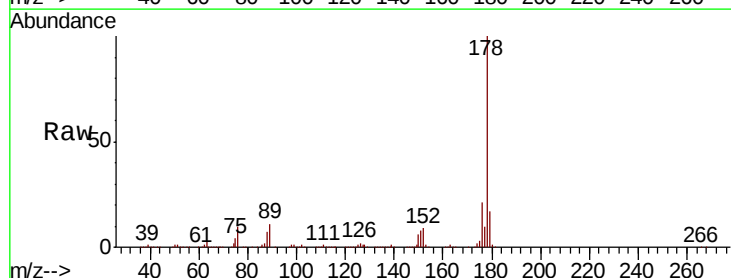
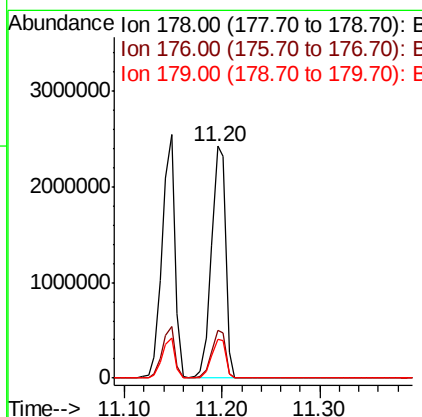
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#72
Anthracene
Concen: 40.779 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	17.0	12.9	19.3





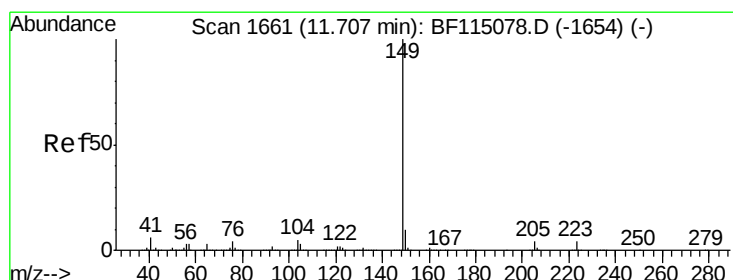
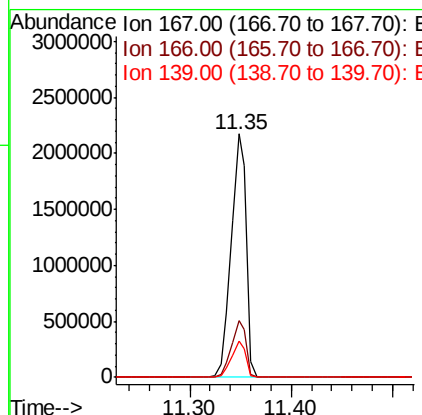
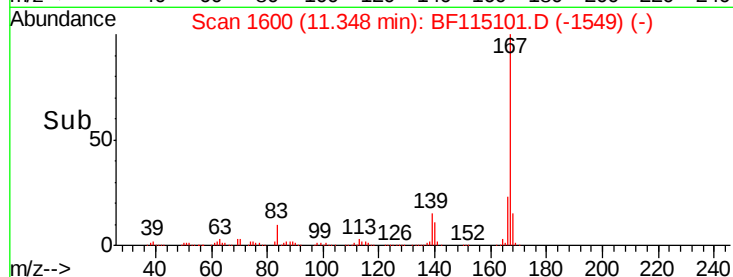
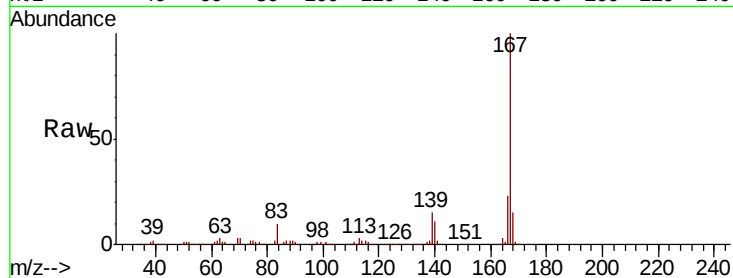
#73
 Carbazole
 Concen: 41.761 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.0	27.0
139	14.8	11.1	16.7

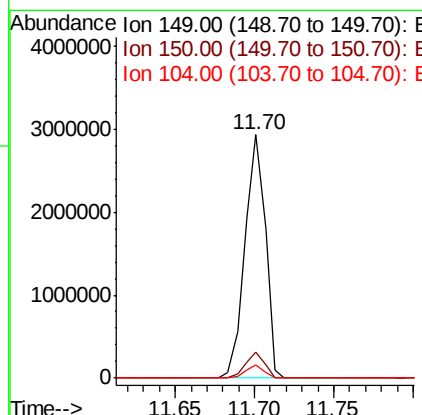
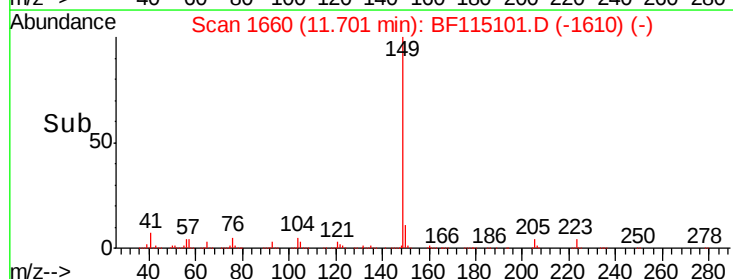
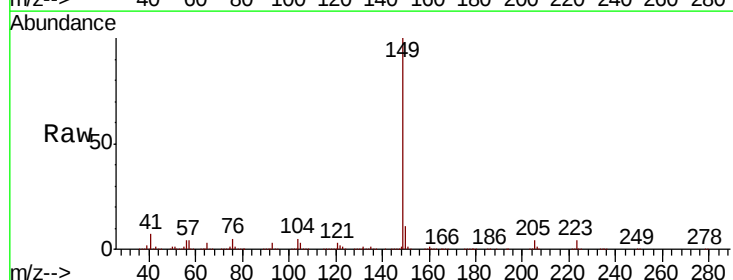
Manual Integrations
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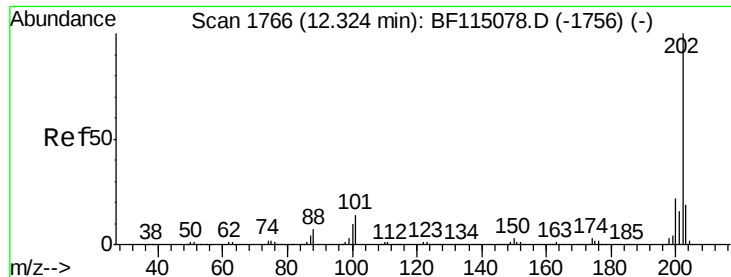
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 6/25/2019 12:41:35 PM



#74
 Di-n-butylphthalate
 Concen: 42.097 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.8
104	5.3	3.7	5.5





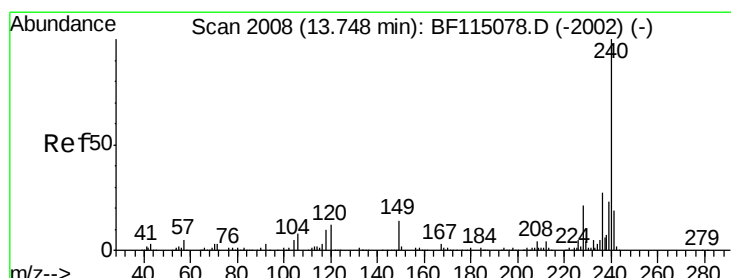
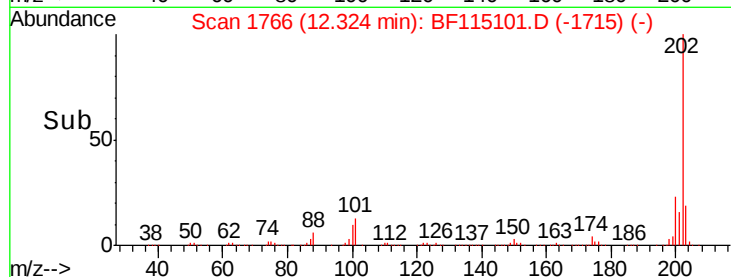
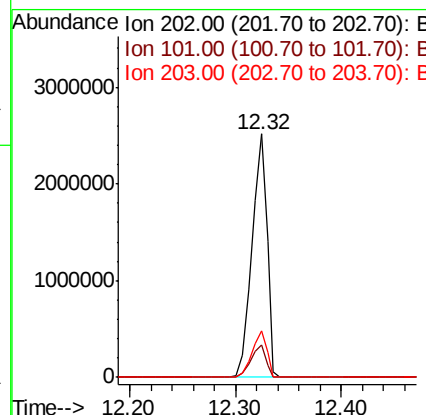
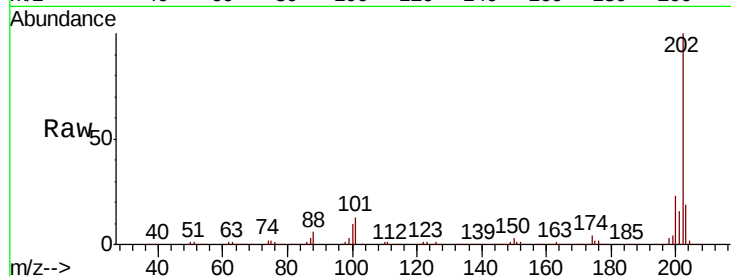
#75
 Fluoranthene
 Concen: 41.616 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.0
203	18.8	0.0	38.8

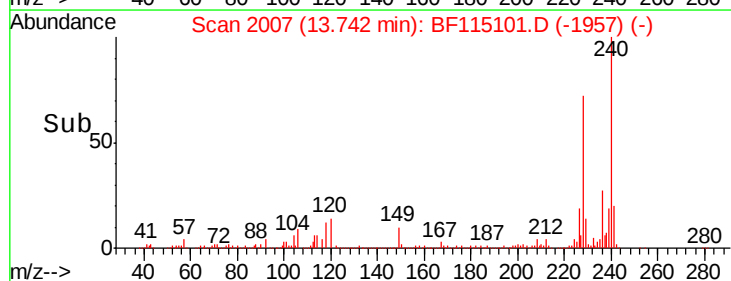
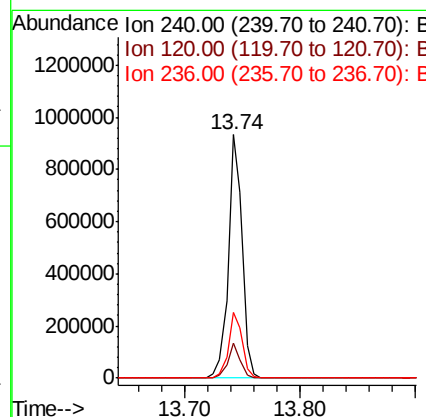
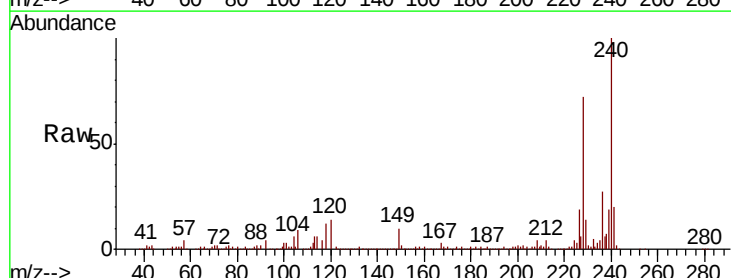
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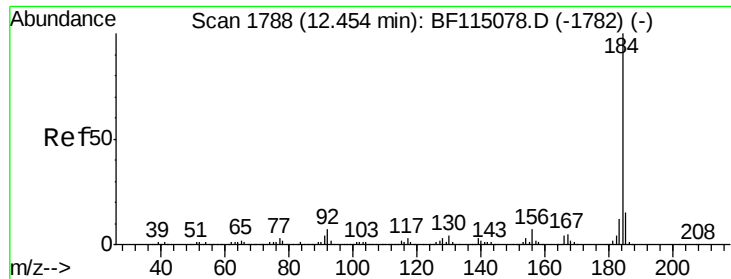
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.4	14.2
236	27.2	21.7	32.5





#77

Benzidine

Concen: 15.254 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

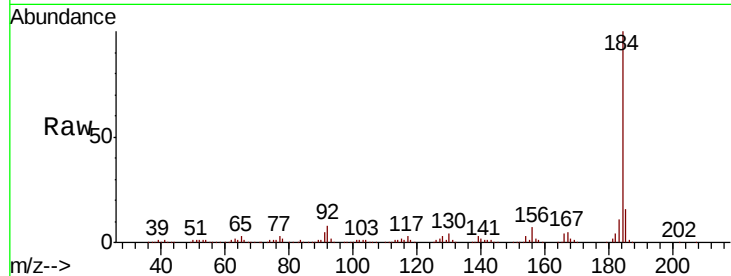
ClientSampleId :

PB120818BS

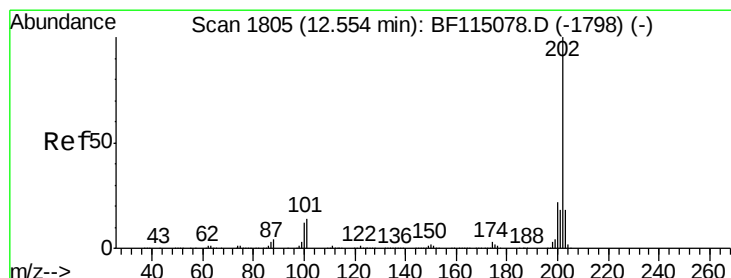
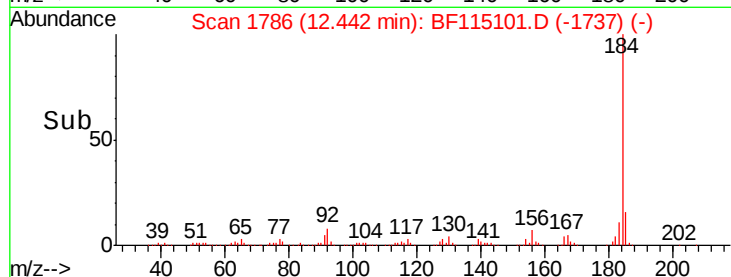
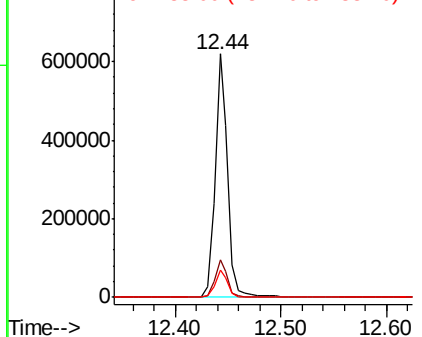
Tot Ion:	184	Resp:	521221
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	11.4	9.6	14.4

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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: 42.391 ng

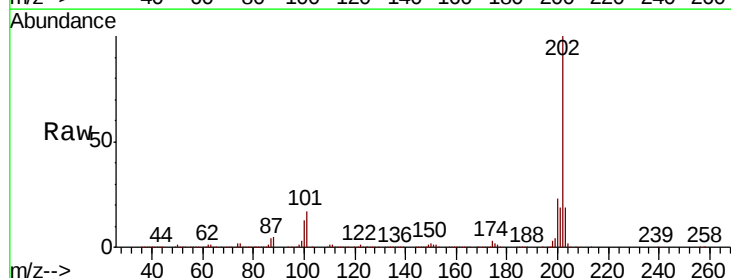
RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

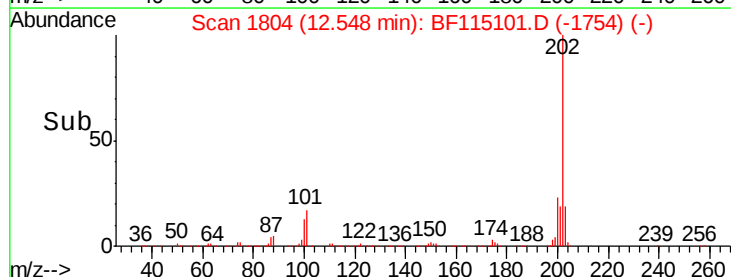
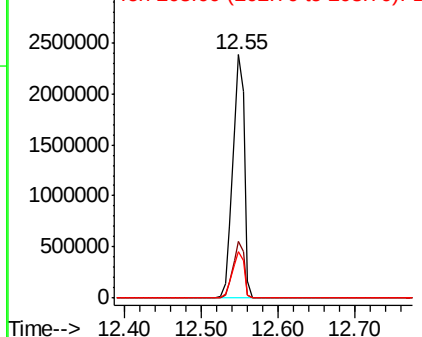
Lab File: BF115101.D

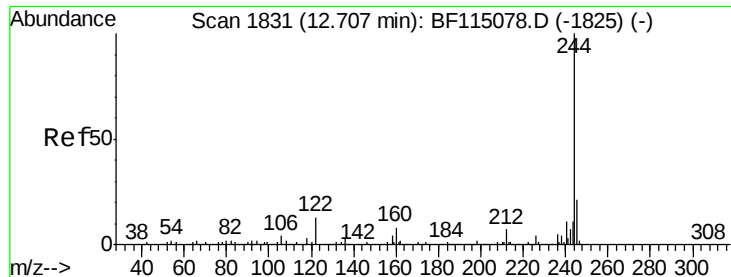
Acq: 22 Jun 2019 1:50

Tgt Ion:	202	Resp:	2506916
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.9	26.9
203	19.4	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





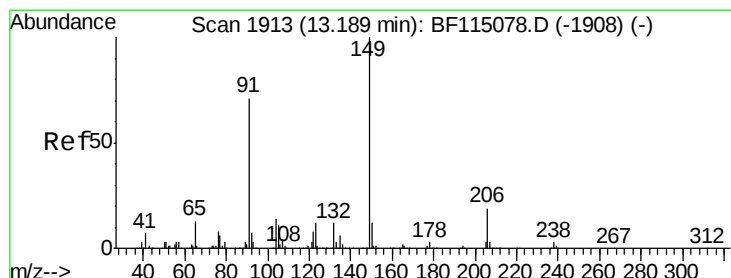
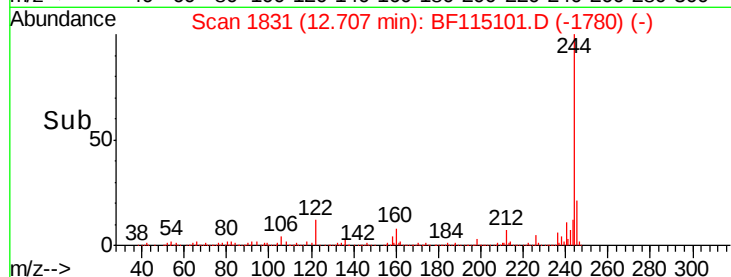
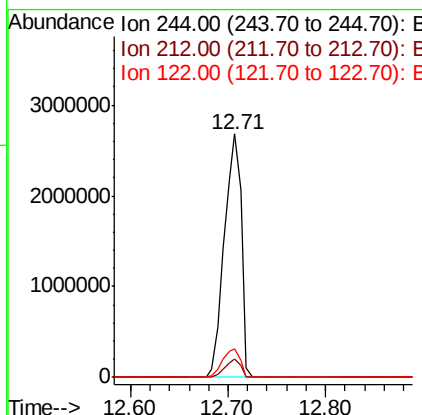
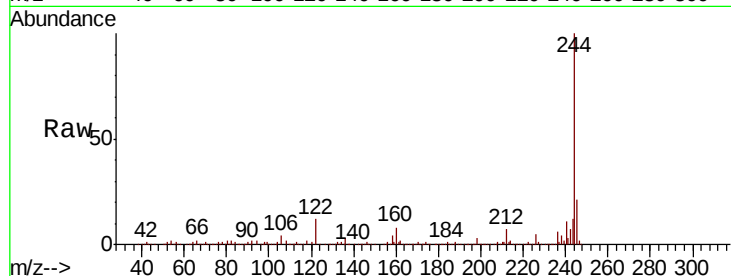
#79
 Terphenyl-d14
 Concen: 88.743 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Instrument :
 BNA_F
 ClientSampleId :
 PB120818BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	11.9	10.4	15.6

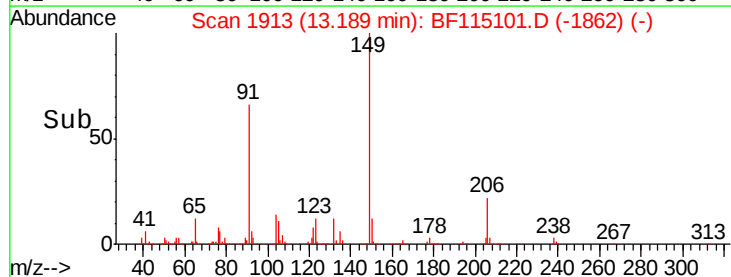
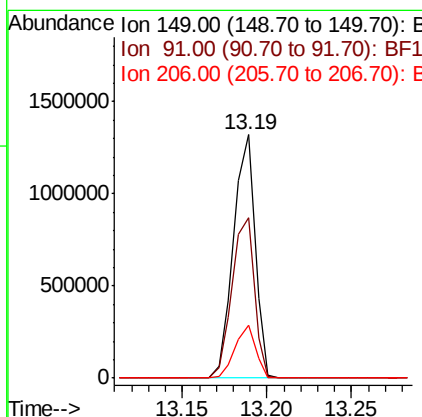
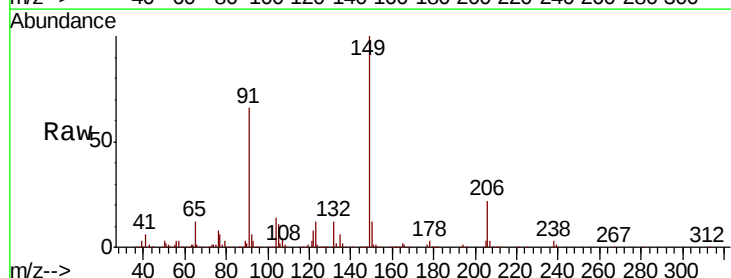
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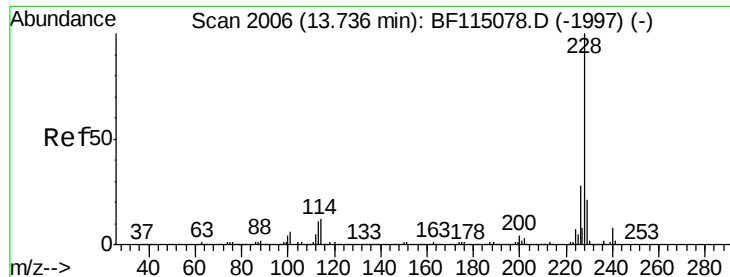
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#80
 Butylbenzylphthalate
 Concen: 45.187 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115101.D
 Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.8	56.5	84.7
206	21.7	15.3	22.9





#81

Benzo(a)anthracene

Concen: 41.434 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

PB120818BS

Tot Ion:228 Resp: 2287771

Ion Ratio Lower Upper

228 100

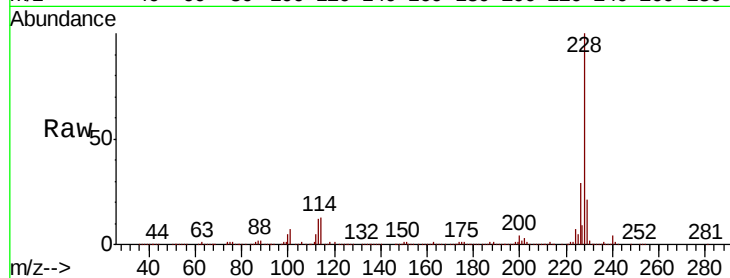
226 28.9 22.5 33.7

229 21.4 16.6 24.8

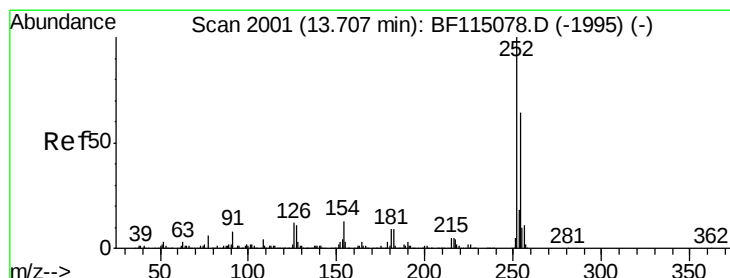
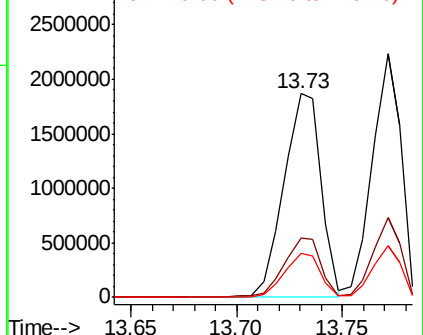
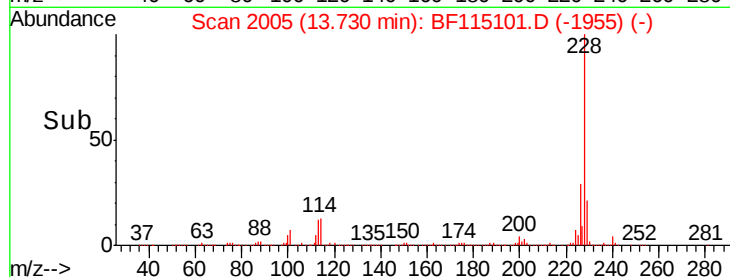
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Abundance Ion 228.00 (227.70 to 228.70): E
3000000
Ion 226.00 (225.70 to 226.70): E
2500000
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.861 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

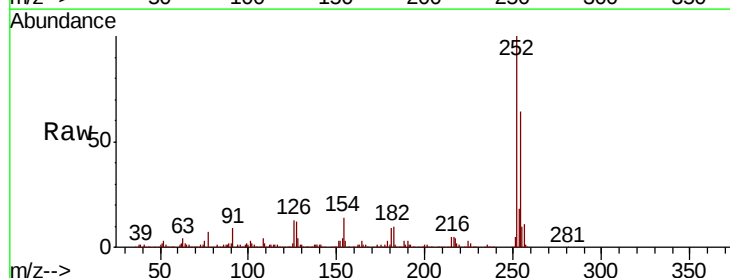
Tgt Ion:252 Resp: 575464

Ion Ratio Lower Upper

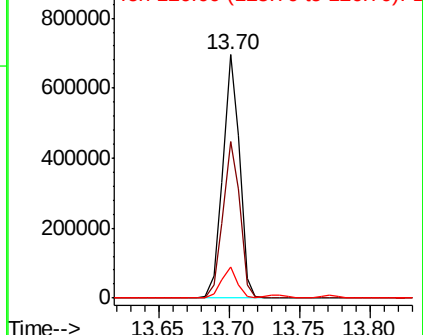
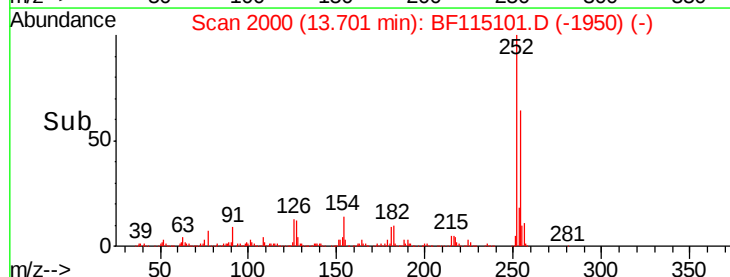
252 100

254 64.5 51.1 76.7

126 12.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
800000
Ion 254.00 (253.70 to 254.70): E
600000
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.365 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

ClientSampleId :

PB120818BS

Tot Ion:228 Resp: 2142752

Ion Ratio Lower Upper

228 100

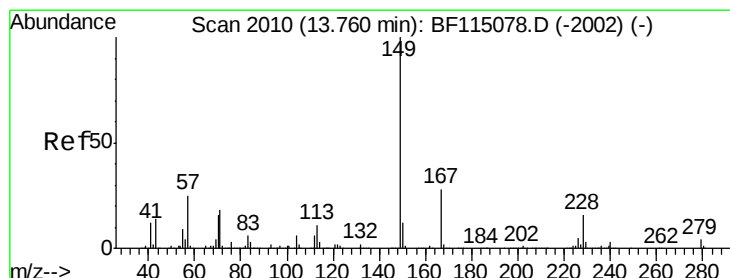
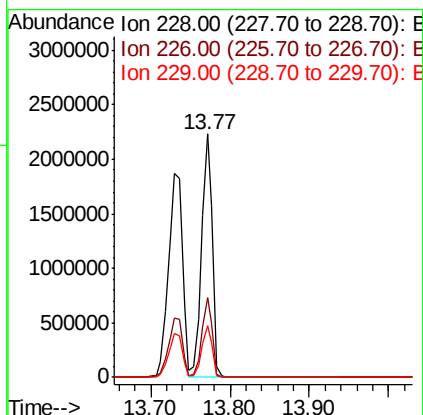
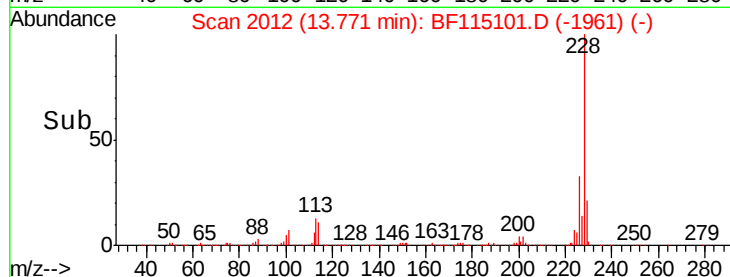
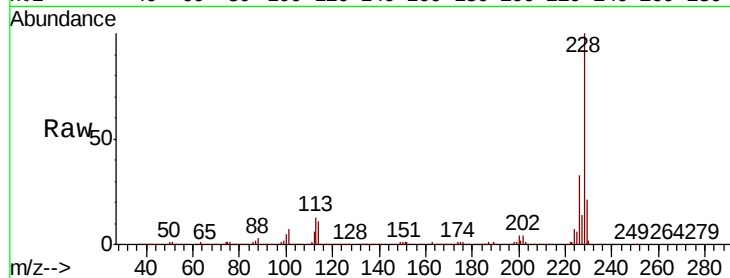
226 32.7 25.4 38.0

229 21.3 16.5 24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.639 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

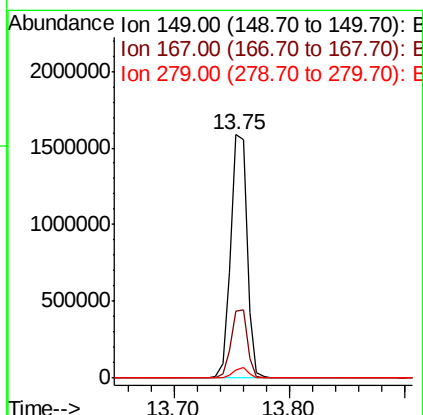
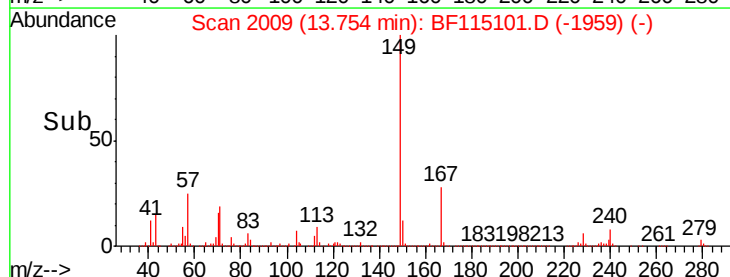
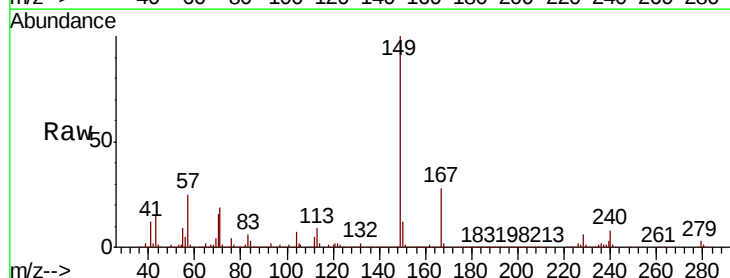
Tgt Ion:149 Resp: 1560718

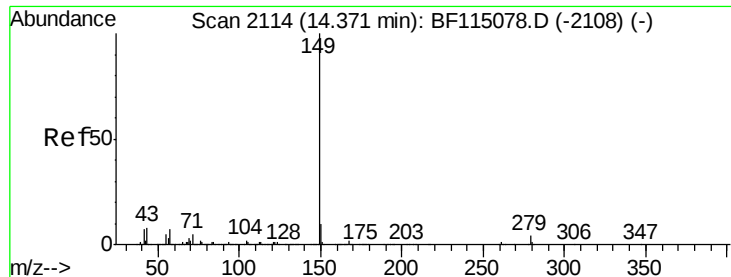
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 3.5 2.9 4.3





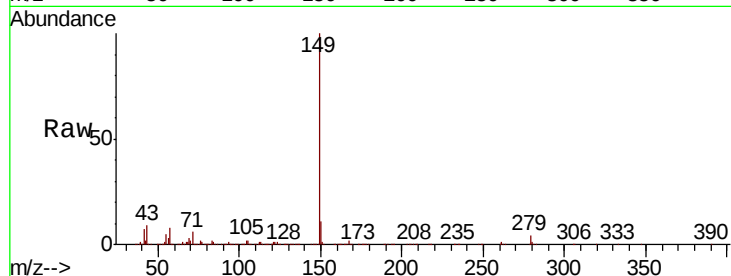
#85
Di-n-octyl phthalate
Concen: 45.716 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

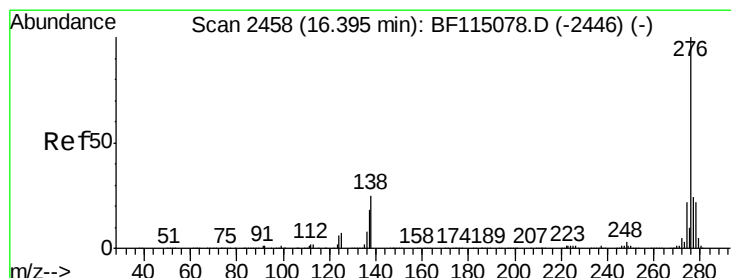
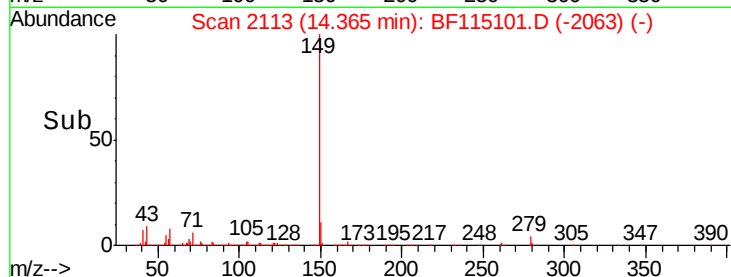
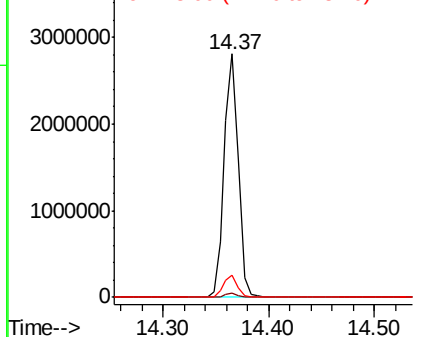
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.9	7.0	10.6

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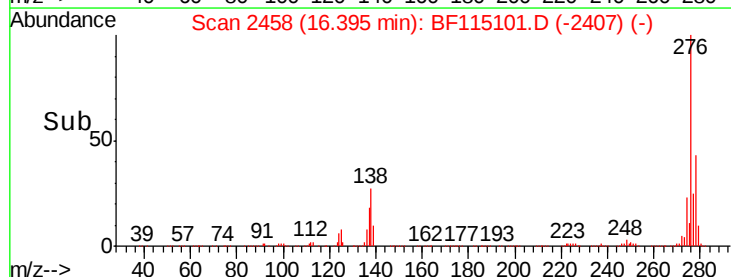
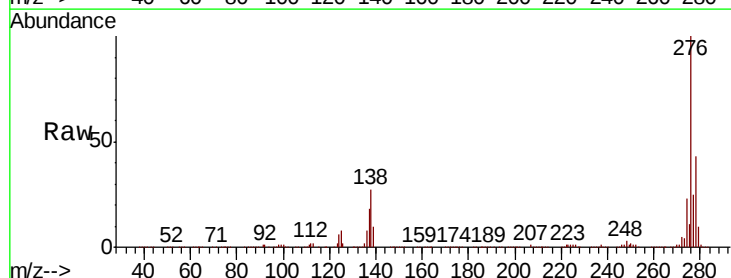
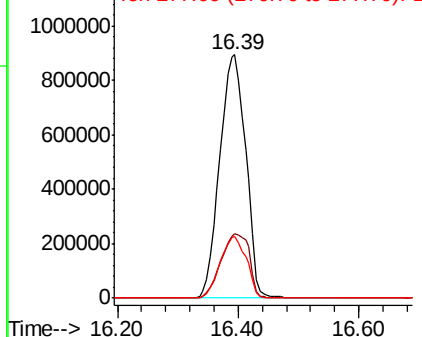
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

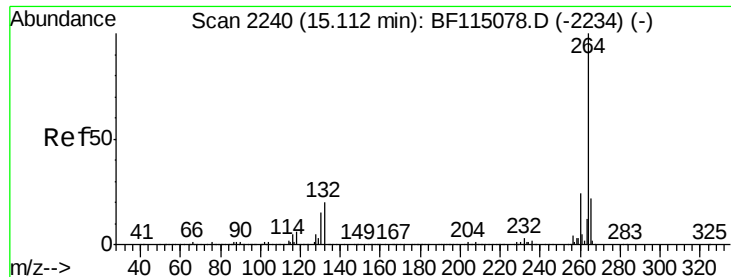


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.856 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.2	34.8
277	25.7	20.1	30.1

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Instrument :

BNA_F

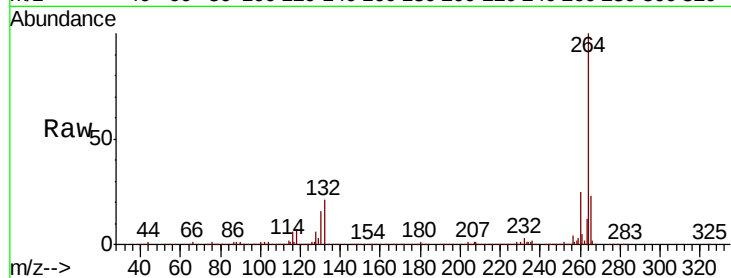
ClientSampleId :

PB120818BS

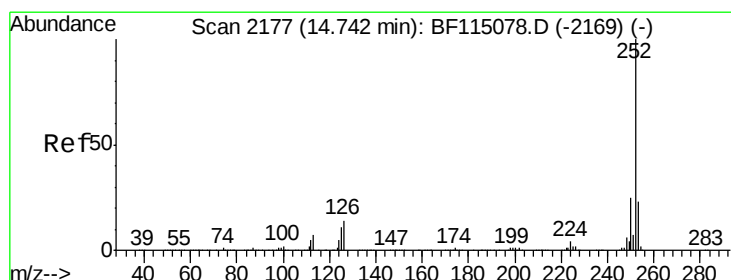
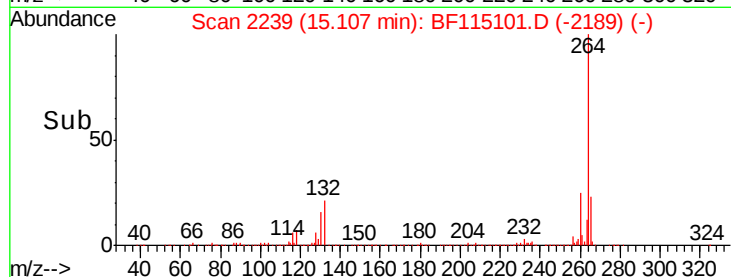
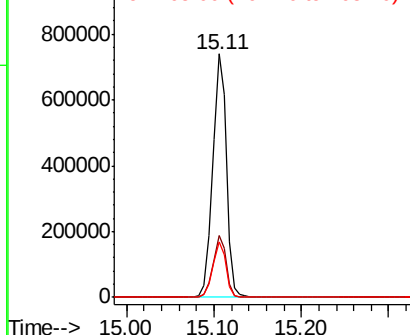
Tot Ion:	264	Resp:	806977
Ion Ratio		Lower	Upper
264	100		
260	25.4	19.6	29.4
265	22.6	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.928 ng

RT: 14.74 min Scan# 2176

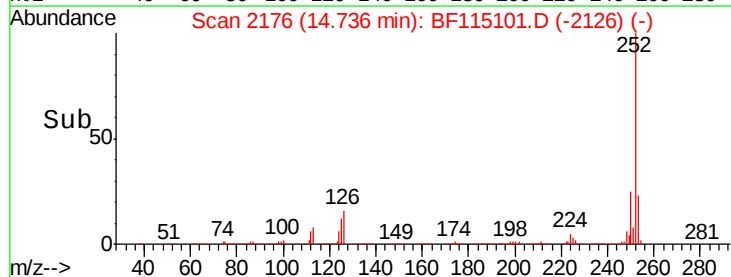
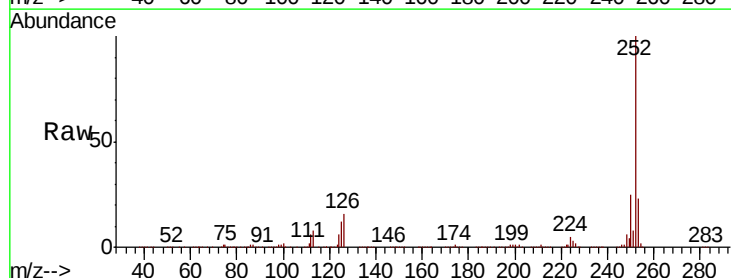
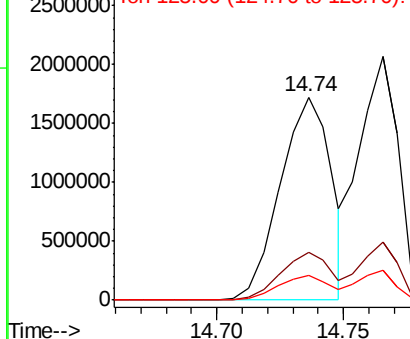
Delta R.T. -0.01 min

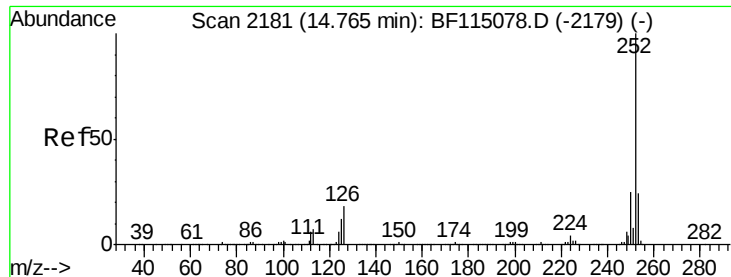
Lab File: BF115101.D

Acq: 22 Jun 2019 1:50

Tgt Ion:	252	Resp:	2413295
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.1	27.1
125	12.0	8.7	13.1

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





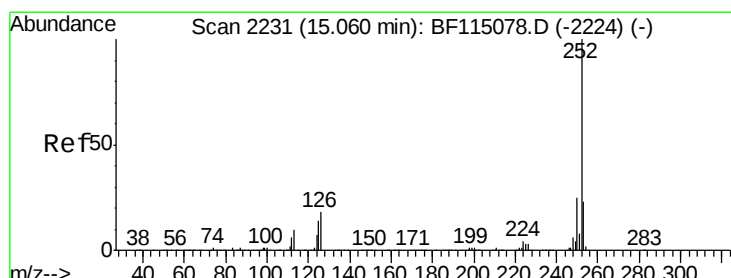
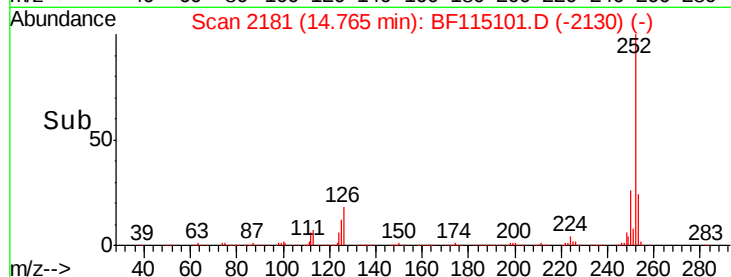
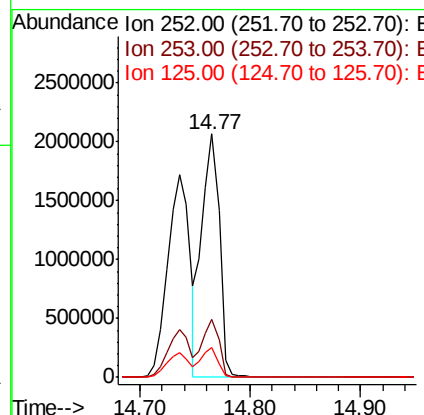
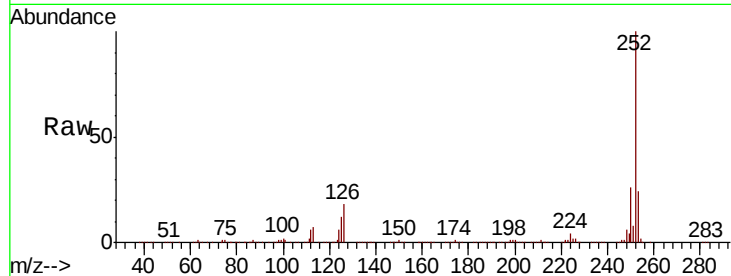
#89
Benzo(k)fluoranthene
Concen: 49.504 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampled :
PB120818BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	12.5	10.2	15.2

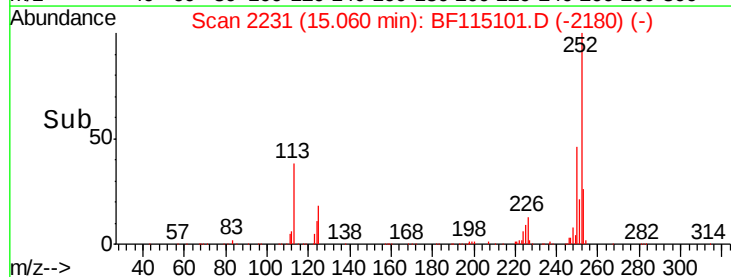
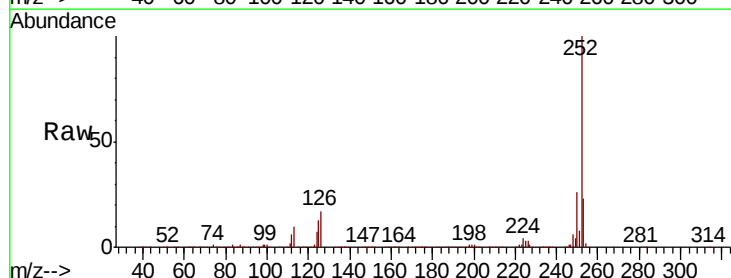
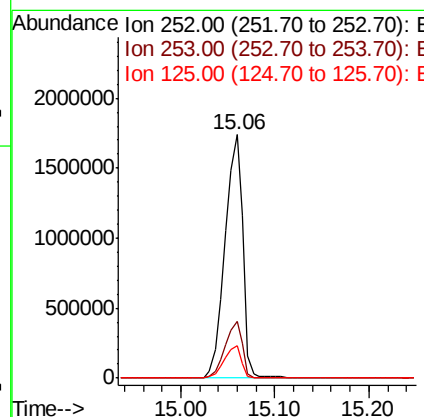
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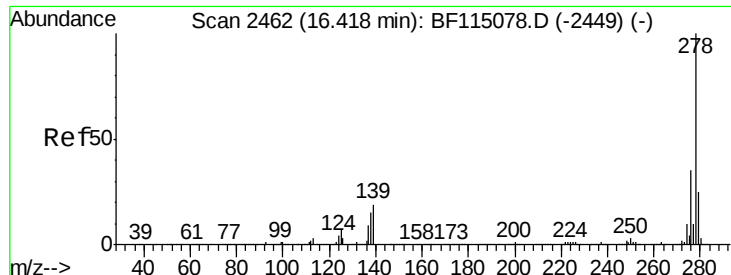
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#90
Benzo(a)pyrene
Concen: 50.716 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	13.2	10.9	16.3





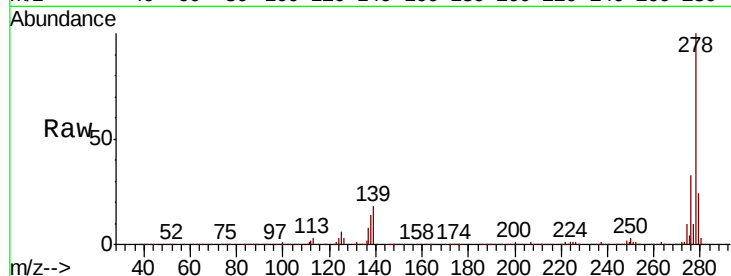
#91
Dibenzo(a,h)anthracene
Concen: 51.974 ng
RT: 16.42 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Instrument :
BNA_F
ClientSampleId :
PB120818BS

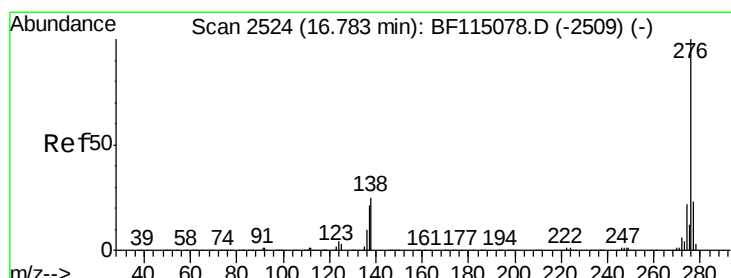
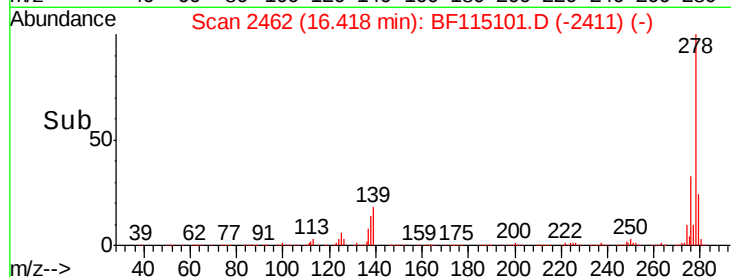
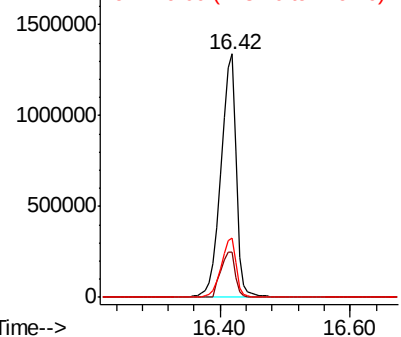
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.4	23.2
279	24.4	19.9	29.9

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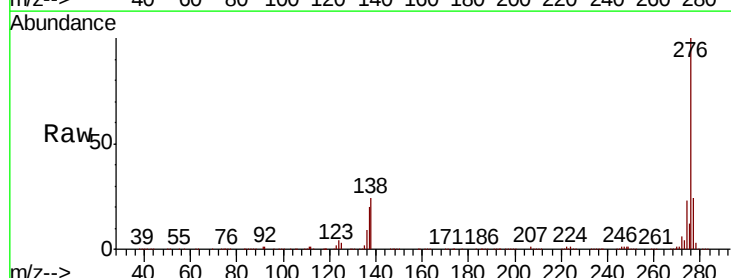


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.735 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115101.D
Acq: 22 Jun 2019 1:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	24.3	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

