

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115323.D
 Acq On : 29 Jun 2019 15:20
 Operator : HP/JU
 Sample : K3592-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Manual Integrations
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 7/1/2019 5:59:10 PM

Quant Time: Jun 30 02:42:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	178585	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	689644	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	347526	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	704716	20.00	ng	0.00
76) Chrysene-d12	13.71	240	613720	20.00	ng	0.00
87) Perylene-d12	15.08	264	627125	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1327435	114.70	ng	0.00
7) Phenol-d6	6.24	99	1664058	118.47	ng	0.00
23) Nitrobenzene-d5	7.16	82	1002383	89.41	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	503796	137.47	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1849615	90.40	ng	0.00
79) Terphenyl-d14	12.68	244	2206788	76.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	464	0.085	ng	# 24
4) n-Nitrosodimethylamine	3.09	42	112	0.019	ng	# 1
6) Aniline	6.25	93	527	0.027	ng	# 1
8) 2-Chlorophenol	6.38	128	337	0.026	ng	# 1
9) Benzaldehyde	6.24	77	2420	0.264	ng	# 1
10) Phenol	6.25	94	12168	0.740	ng	# 40
11) bis(2-Chloroethyl)ether	6.37	93	1818	0.150	ng	# 1
15) Benzyl Alcohol	6.75	79	17350	1.696	ng	# 43
18) Hexachloroethane	7.14	117	120	0.023	ng	# 34
22) Acetophenone	7.01	105	785	0.050	ng	# 67
24) Nitrobenzene	7.16	77	2936	0.238	ng	# 33
31) Naphthalene	7.90	128	2209	0.065	ng	# 78
37) 2-Methylnaphthalene	8.59	142	1478	0.065	ng	# 94
38) 1-Methylnaphthalene	8.69	142	786	0.036	ng	# 70
46) 1,1'-Biphenyl	9.05	154	4166	0.150	ng	# 91
47) 2-Chloronaphthalene	9.35	162	2111	0.094	ng	# 1
48) 2-Nitroaniline	9.35	65	3551	0.540	ng	# 1
49) Acenaphthylene	9.48	152	10192	0.290	ng	# 98
50) Dimethylphthalate	9.35	163	405583	15.863	ng	# 98
51) 2,6-Dinitrotoluene	9.35	165	4189	0.710	ng	# 10
52) Acenaphthene	9.65	154	2105	0.096	ng	# 89
55) Dibenzofuran	9.82	168	1950	0.062	ng	# 88
56) 4-Nitrophenol	9.83	139	892	0.154	ng	# 11
60) Diethylphthalate	10.05	149	973	0.038	ng	# 58
63) Azobenzene	10.33	77	1709	0.071	ng	# 1
66) n-Nitrosodiphenylamine	10.41	169	14993	0.683	ng	# 41
71) Phenanthrene	11.12	178	47123	1.242	ng	# 97
72) Anthracene	11.17	178	18941	0.495	ng	# 95
73) Carbazole	11.32	167	8910	0.261	ng	# 95
74) Di-n-butylphthalate	11.67	149	4855	0.123	ng	# 82
75) Fluoranthene	12.30	202	169471	4.477	ng	# 97
77) Benizidine	12.68	184	27674	1.015	ng	# 96
78) Pyrene	12.52	202	171990	3.647	ng	# 97
80) Butylbenzylphthalate	13.15	149	1668	0.080	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	13.70	228	89186	2.025	ng	94
82) 3,3'-Dichlorobenzidine	13.68	252	393	0.025	ng	# 1
83) Chrysene	13.74	228	106919	2.651	ng	95
84) Bis(2-ethylhexyl)phthalate	13.72	149	11550	0.423	ng	# 96
85) Di-n-octyl phthalate	14.33	149	1256	0.027	ng	# 73
86) Indeno(1,2,3-cd)pyrene	16.33	276	37081	0.777	ng	96
88) Benzo(b)fluoranthene	14.71	252	143619m	3.670	ng	
90) Benzo(a)pyrene	15.02	252	73386	2.081	ng	99
91) Dibenzo(a,h)anthracene	16.34	278	10712	0.325	ng	# 75
92) Benzo(g,h,i)perylene	16.71	276	33508	1.005	ng	97

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

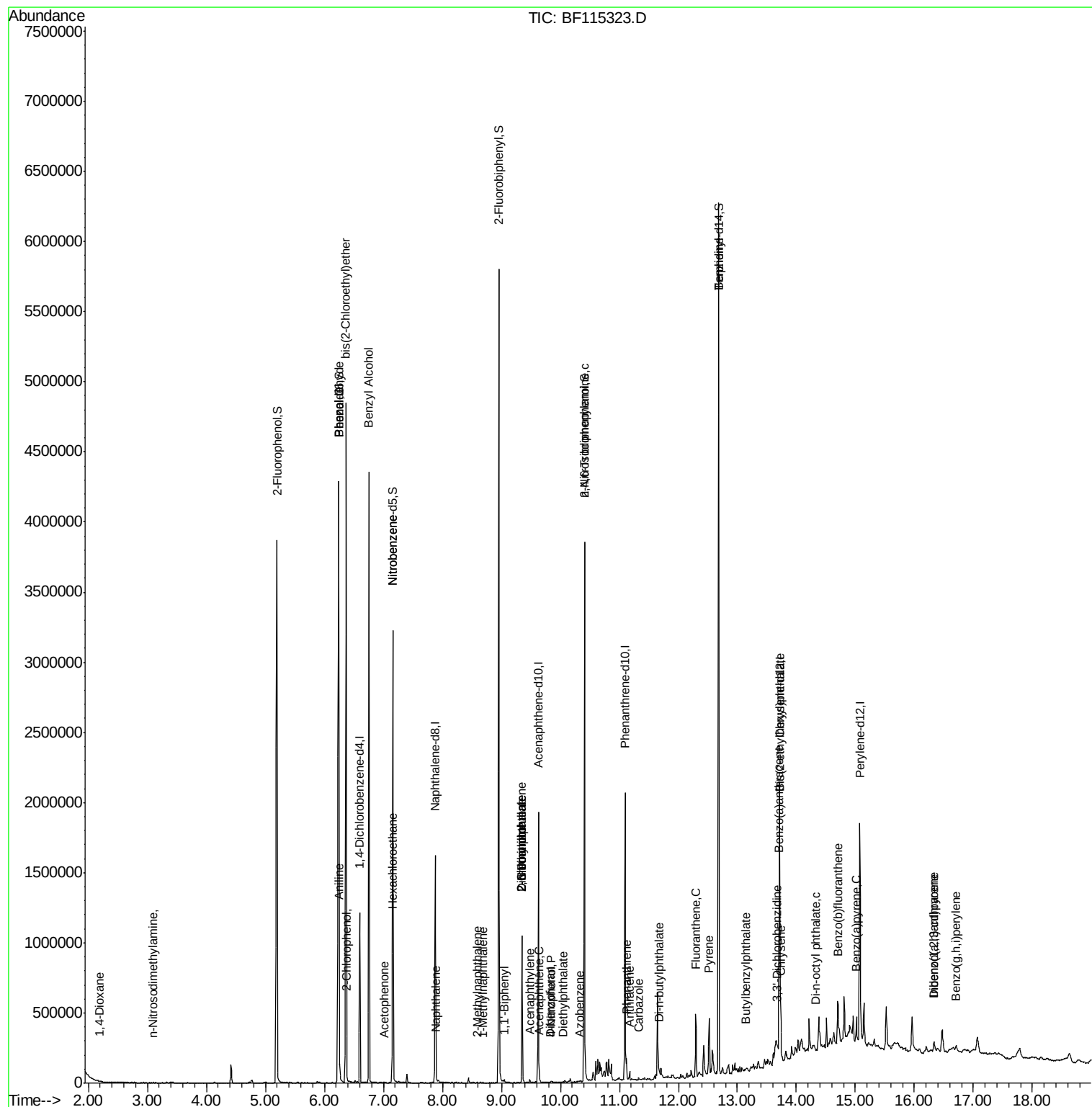
Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115323.D
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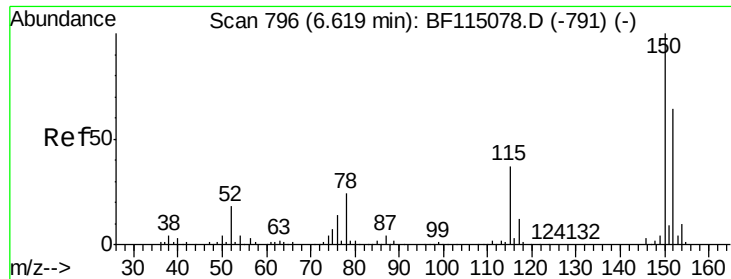
Instrument :
BNA_F
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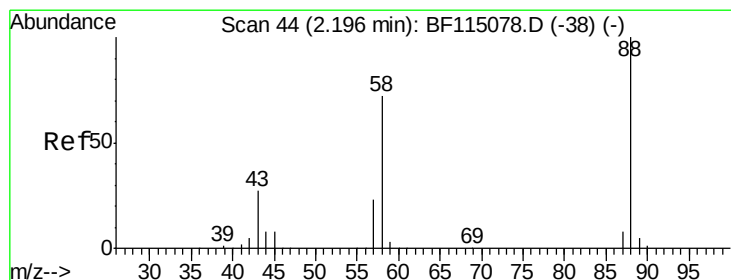
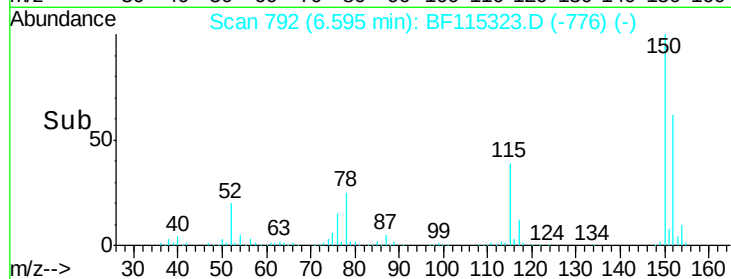
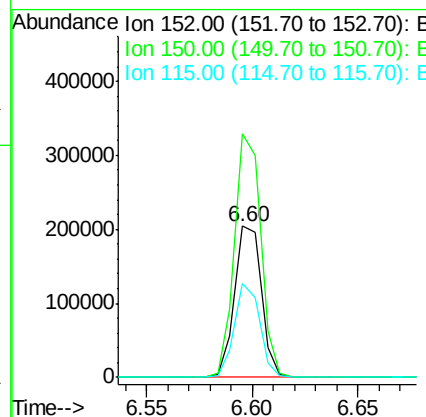
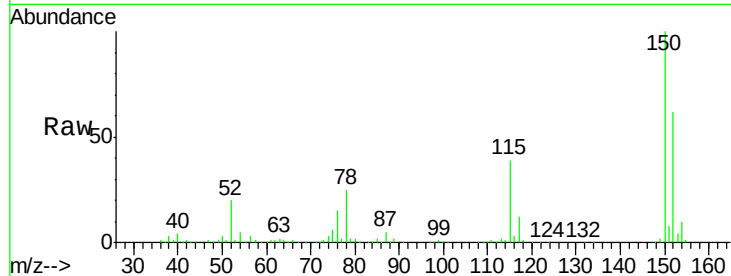
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	178585		
150	160.8	124.2	186.2	
115	62.1	46.1	69.1	

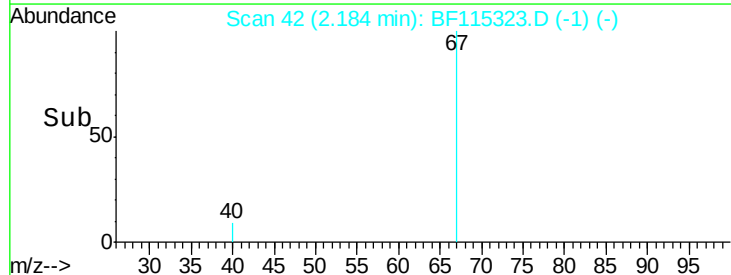
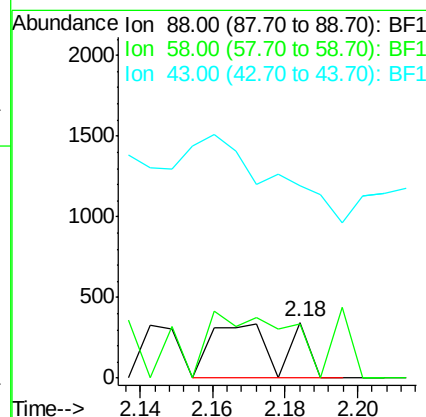
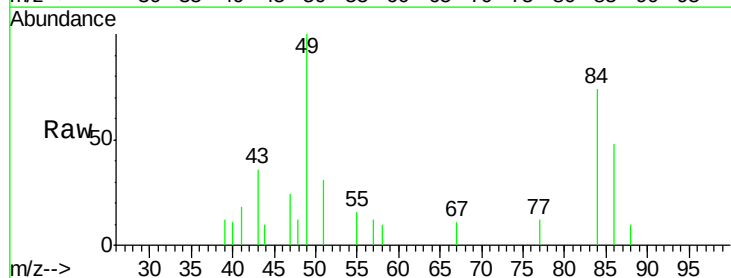
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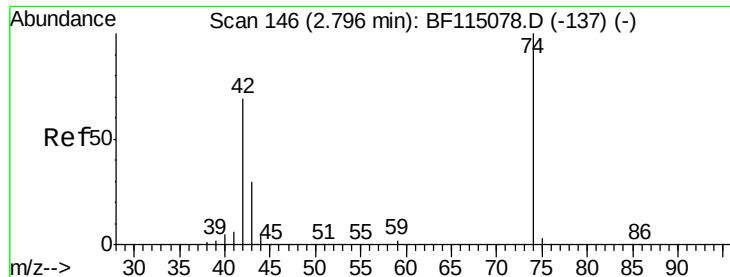
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#2
 1,4-Dioxane
 Concen: 0.085 ng
 RT: 2.18 min Scan# 42
 Delta R.T. 0.03 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	464		
58	0.0	56.1	84.1#	
43	0.0	21.3	31.9#	





#4

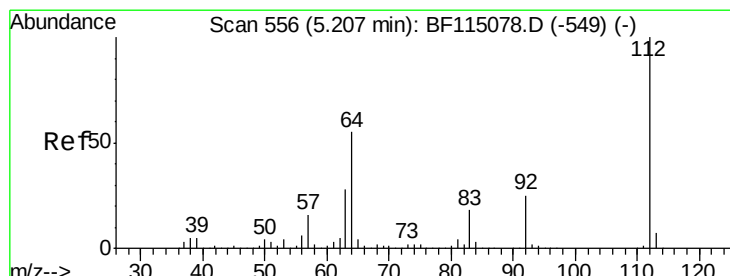
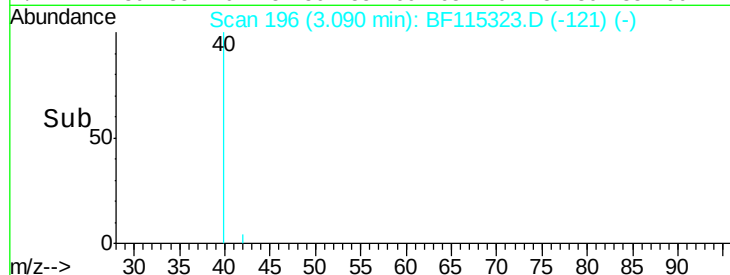
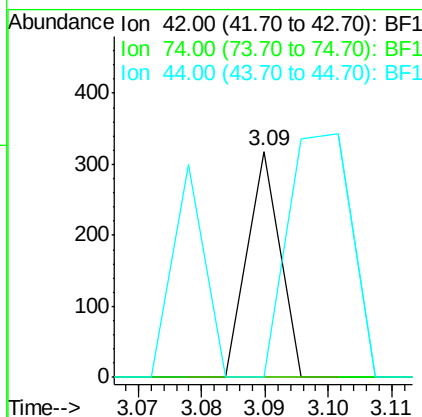
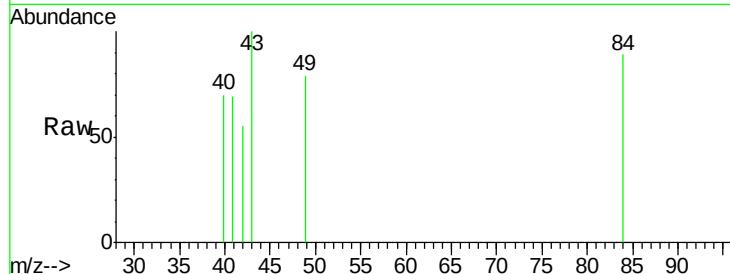
n-Nitrosodimethylamine
 Concen: 0.019 ng
 RT: 3.09 min Scan# 196
 Delta R.T. 0.34 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.6	175.0#
44	0.0	5.3	7.9#

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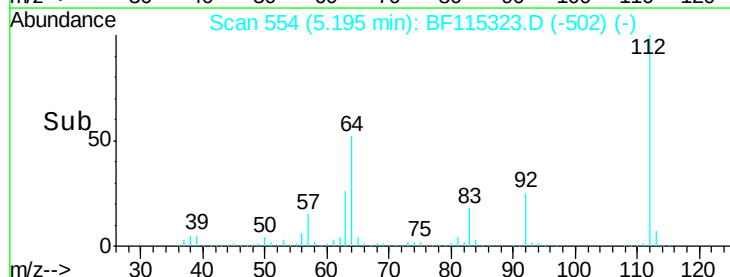
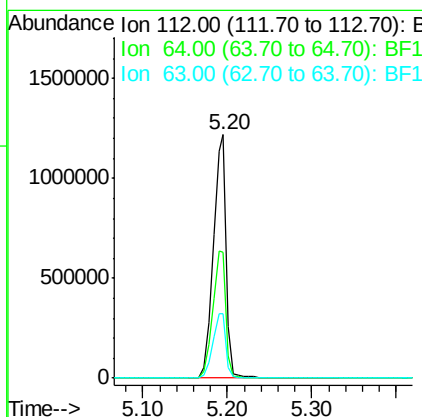
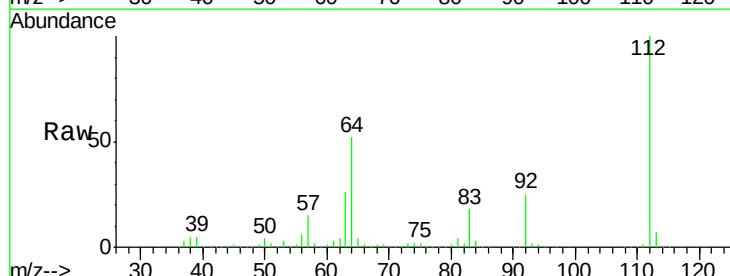
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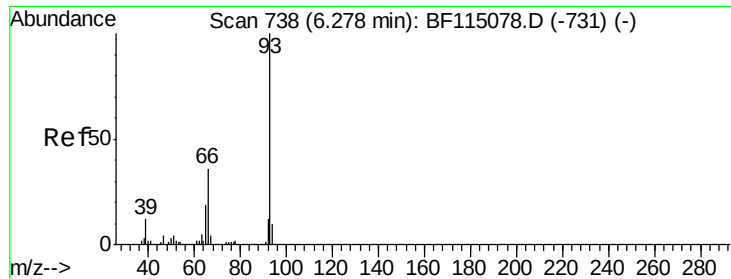


#5

2-Fluorophenol
 Concen: 114.705 ng
 RT: 5.20 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	43.8	65.6
63	26.2	22.2	33.4





#6

Aniline

Concen: 0.027 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

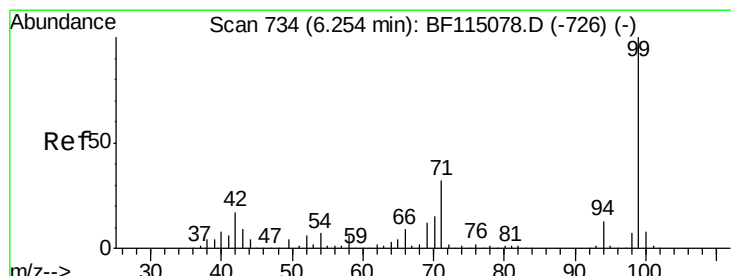
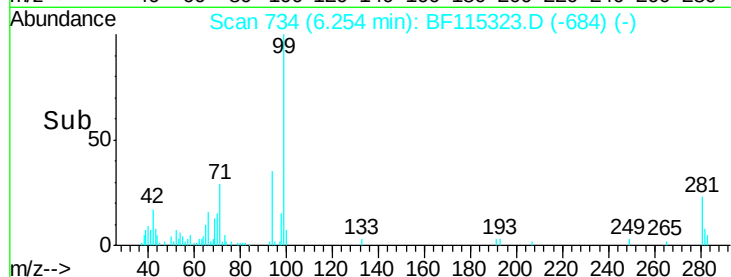
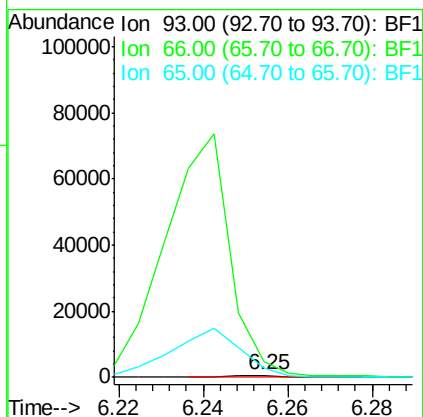
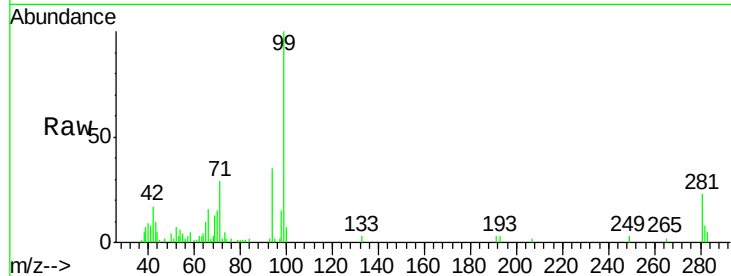
ClientSampleId :

RBR-200052

Tgt Ion:	93	Resp:	527
Ion Ratio	Lower	Upper	
93	100		
66	766.1	30.0	45.0#
65	474.7	15.6	23.4#

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#7

Phenol-d6

Concen: 118.469 ng

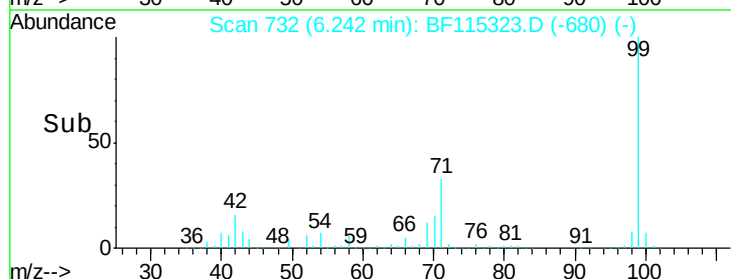
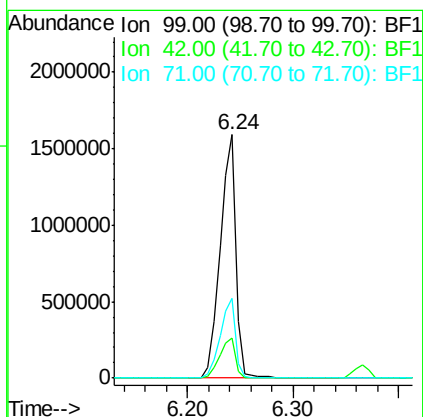
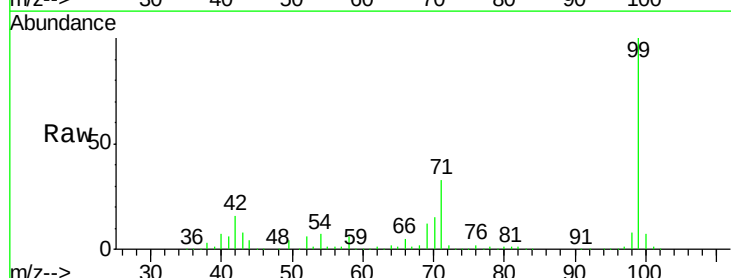
RT: 6.24 min Scan# 732

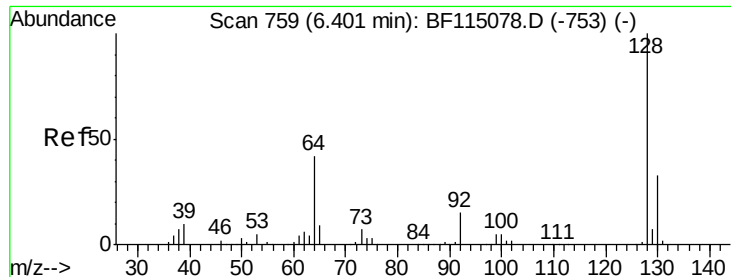
Delta R.T. 0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	99	Resp:	1664058
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.6	20.4
71	32.8	25.5	38.3





#8

2-Chlorophenol

Concen: 0.026 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

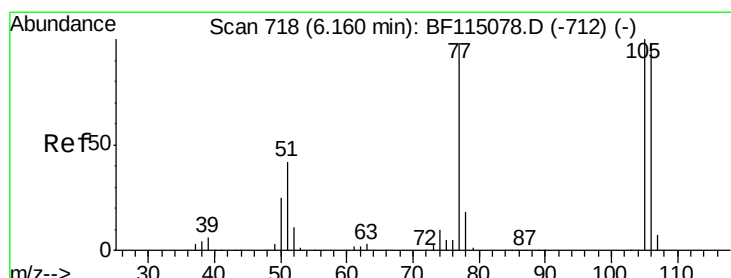
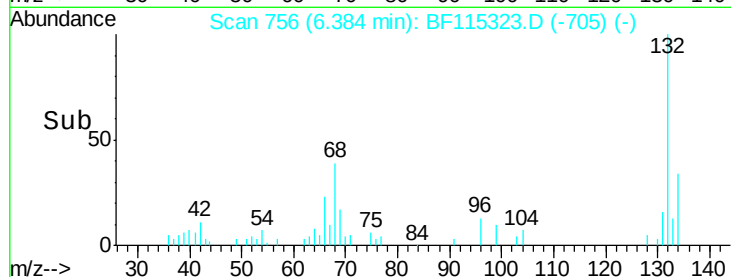
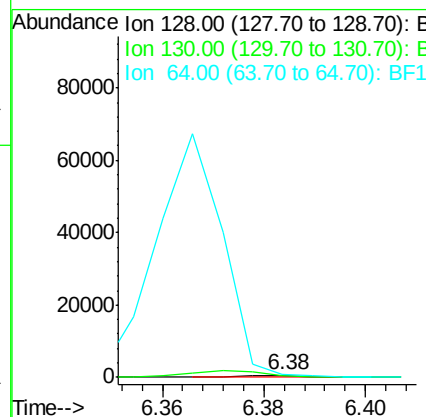
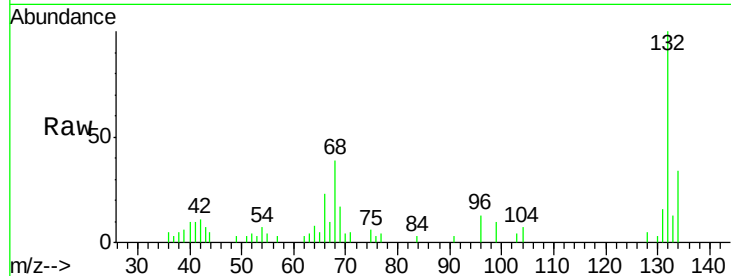
ClientSampleId :

RBR-200052

Tgt Ion:	128	Resp:	337
Ion Ratio	Lower	Upper	
128	100		
130	69.1	12.9	52.9#
64	162.6	22.9	62.9#

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#9

Benzaldehyde

Concen: 0.264 ng

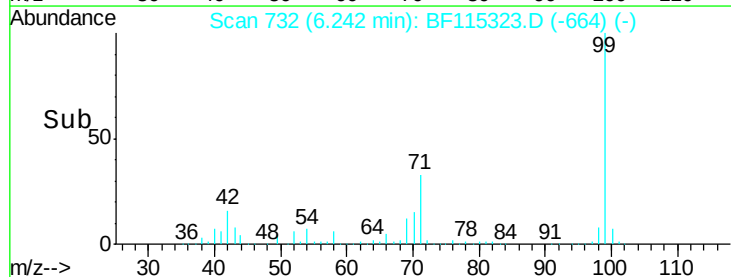
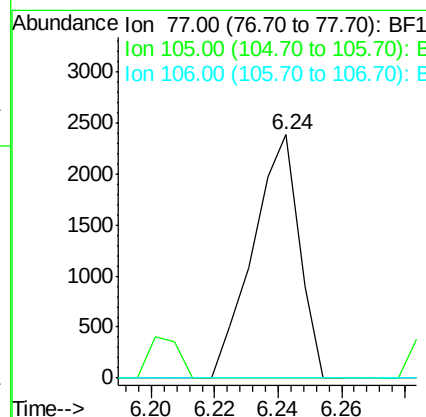
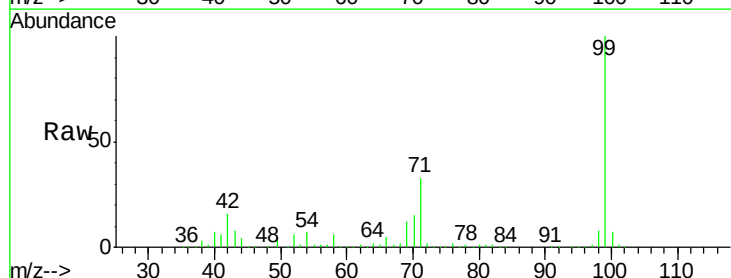
RT: 6.24 min Scan# 732

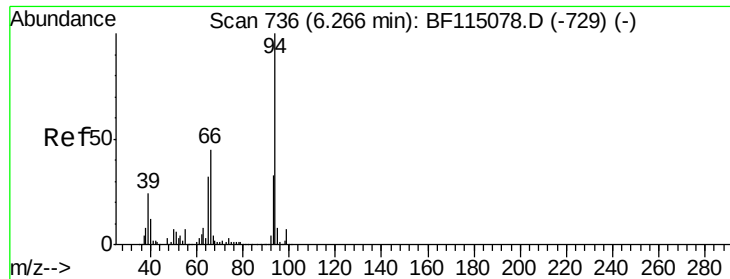
Delta R.T. 0.10 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	77	Resp:	2420
Ion Ratio	Lower	Upper	
77	100		
105	0.0	81.5	121.5#
106	0.0	79.7	119.7#





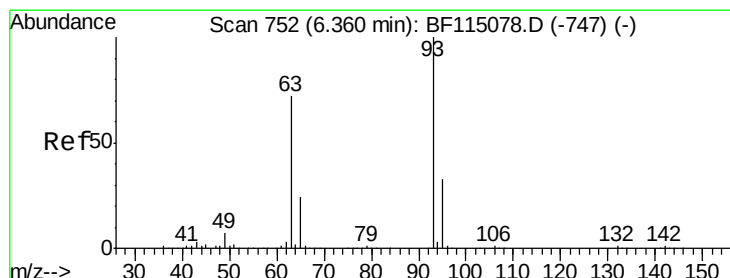
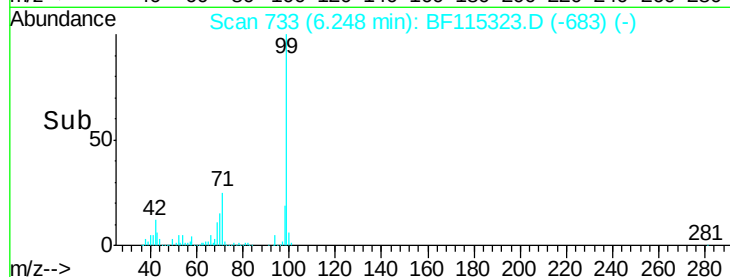
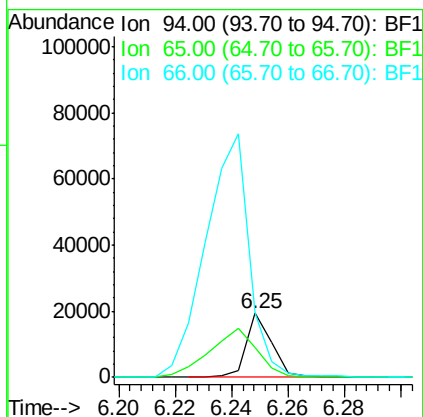
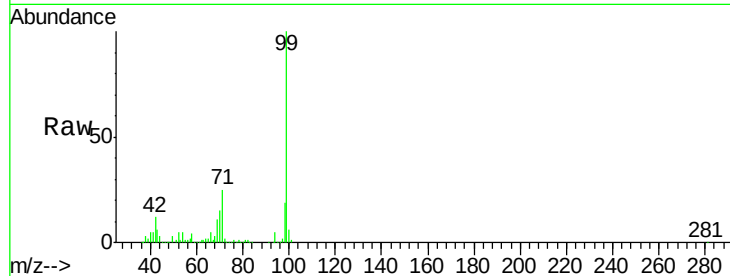
#10
Phenol
Concen: 0.740 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

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RBR-200052

Tgt Ion	Ratio	Lower	Upper
94	100		
65	46.7	11.9	51.9
66	100.1	25.2	65.2#

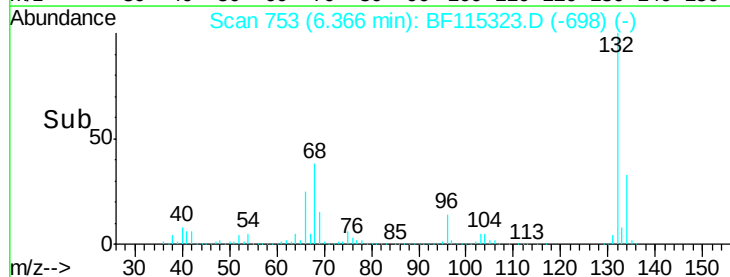
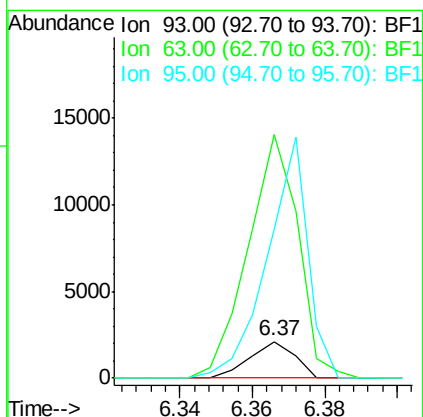
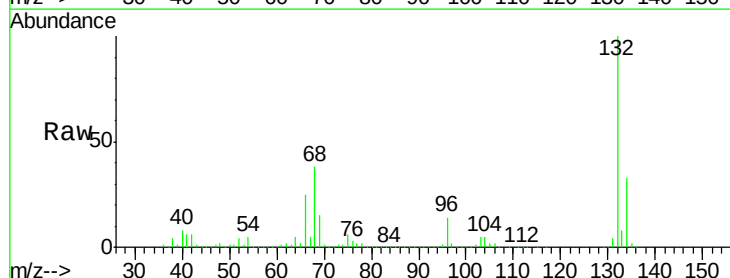
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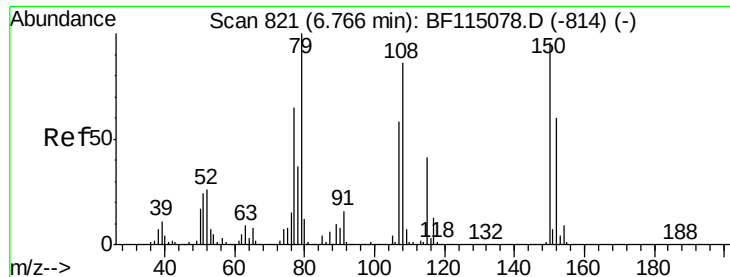
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#11
bis(2-Chloroethyl)ether
Concen: 0.150 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.02 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
93	100		
63	667.5	51.5	91.5#
95	409.4	13.4	53.4#





#15

Benzyl Alcohol

Concen: 1.696 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

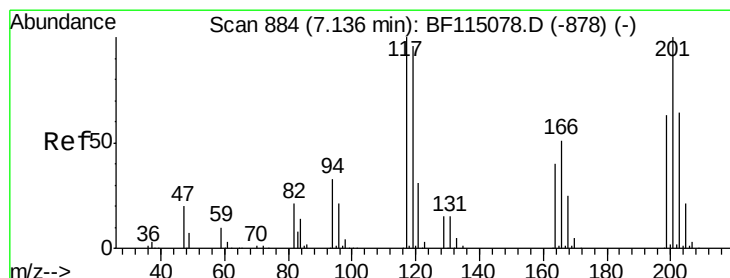
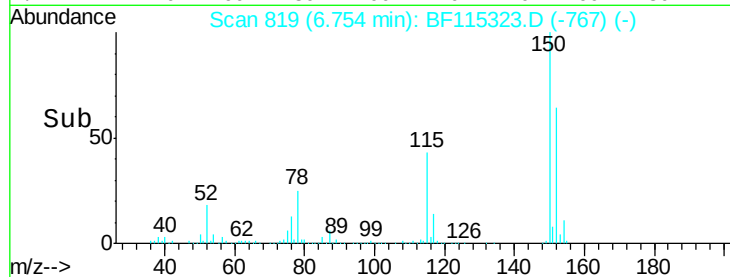
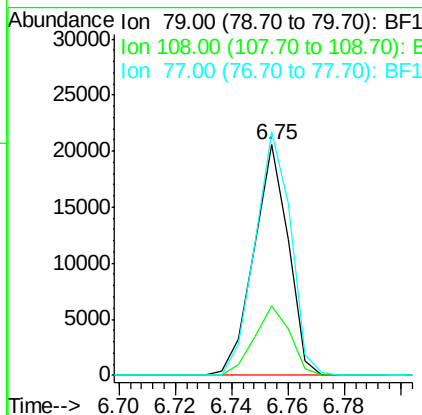
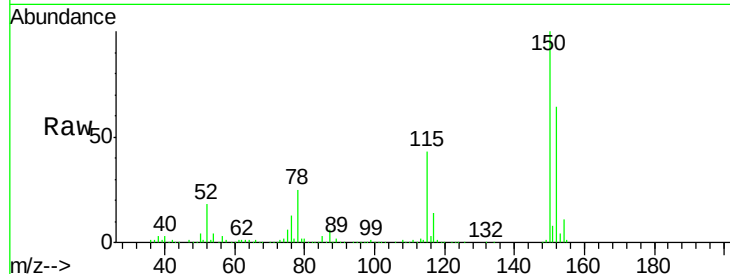
ClientSampleId :

RBR-200052

Tgt Ion:	79	Resp:	17350
Ion Ratio	Lower	Upper	
79	100		
108	30.3	68.7	103.1#
77	105.6	51.7	77.5#

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#18

Hexachloroethane

Concen: 0.023 ng

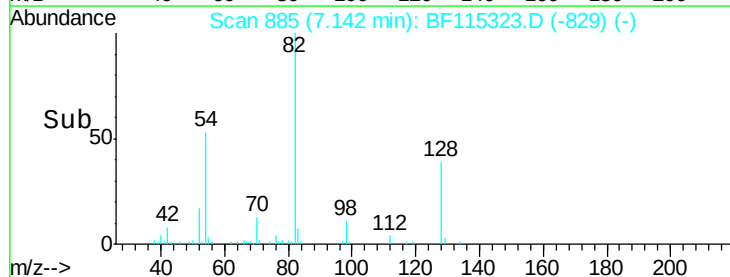
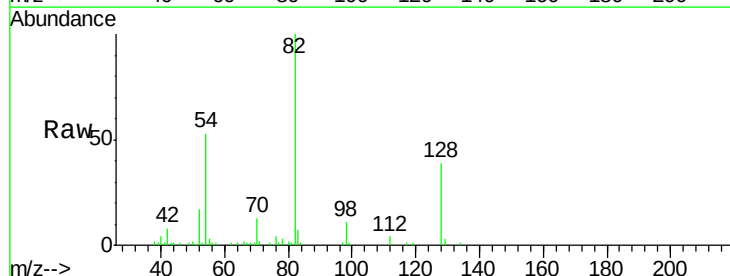
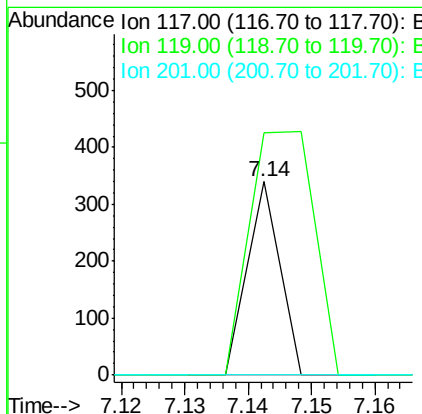
RT: 7.14 min Scan# 885

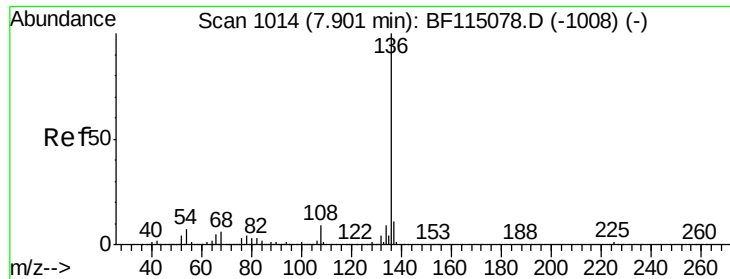
Delta R.T. 0.03 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	117	Resp:	120
Ion Ratio	Lower	Upper	
117	100		
119	125.3	76.6	114.8#
201	0.0	80.2	120.2#





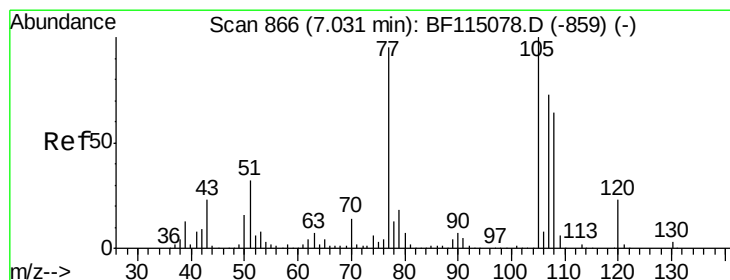
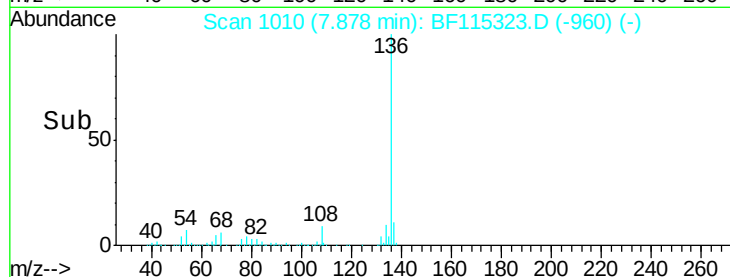
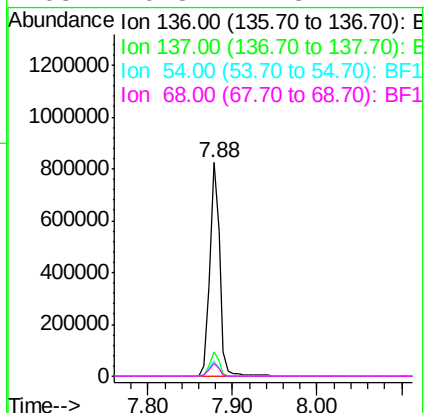
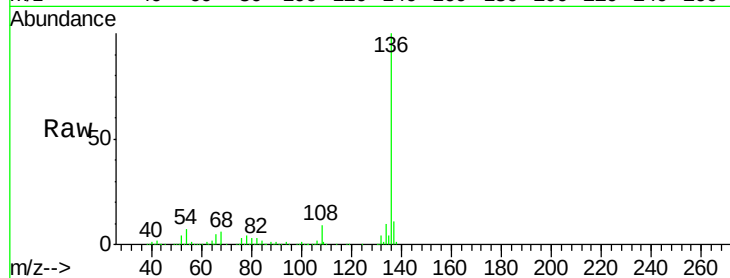
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	689644		
137	11.3	8.9	13.3	
54	7.1	5.6	8.4	
68	6.3	4.8	7.2	

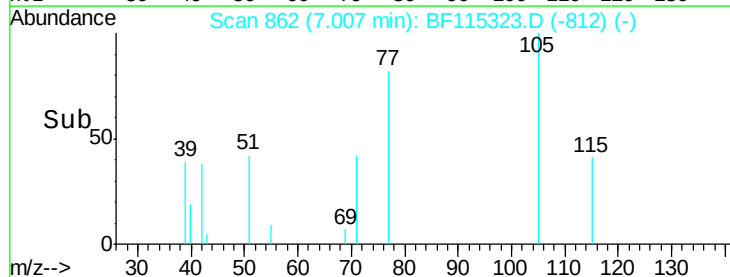
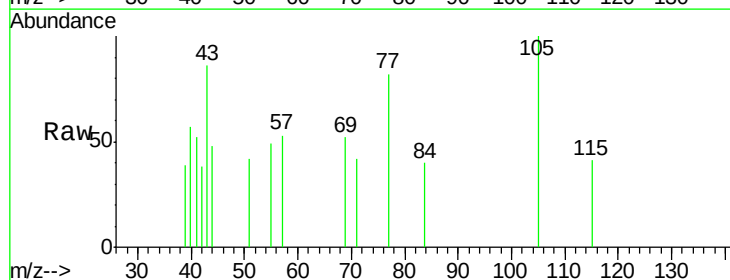
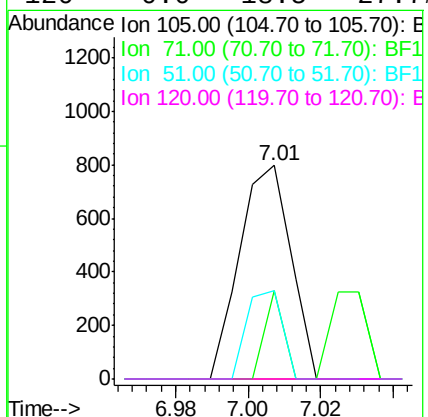
Manual Integrations
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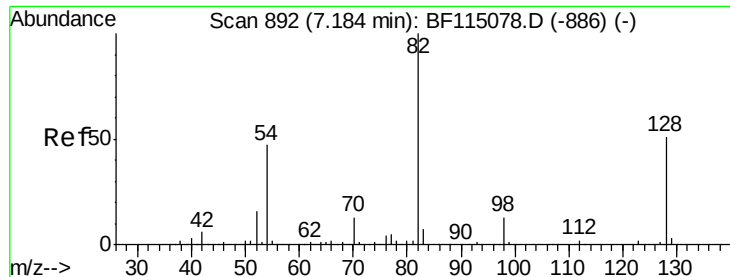
mohammad
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#22
Acetophenone
Concen: 0.050 ng
RT: 7.01 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	785		
71	41.6	1.9	2.9#	
51	41.6	25.8	38.8#	
120	0.0	18.5	27.7#	





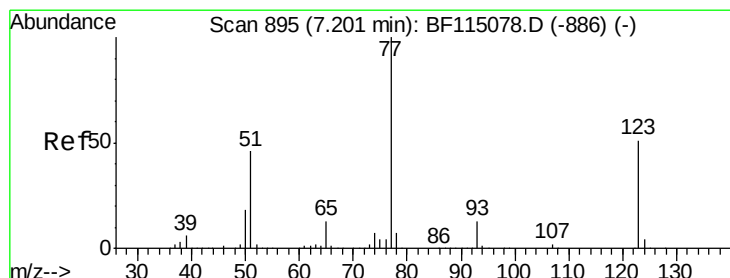
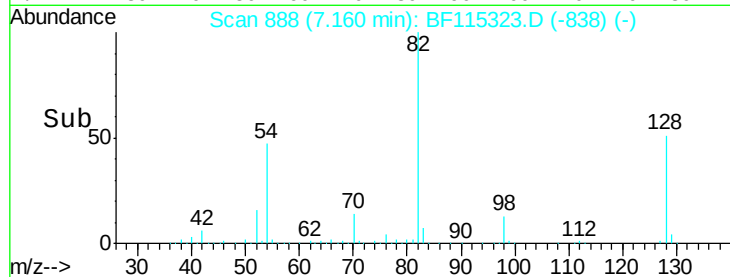
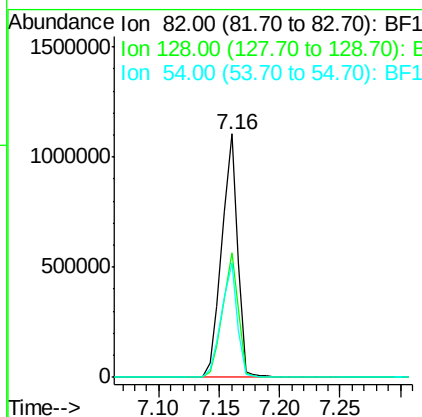
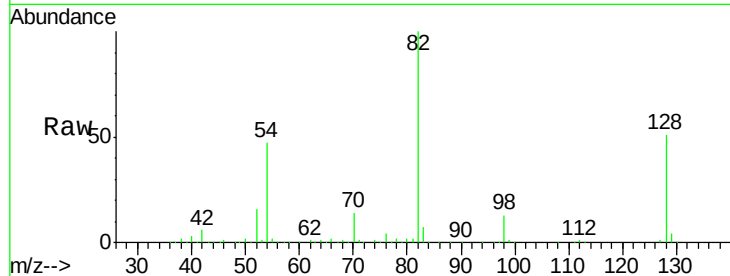
#23
Nitrobenzene-d5
Concen: 89.411 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion: 82 Resp: 1002383
Ion Ratio Lower Upper
82 100
128 51.1 40.4 60.6
54 47.1 37.5 56.3

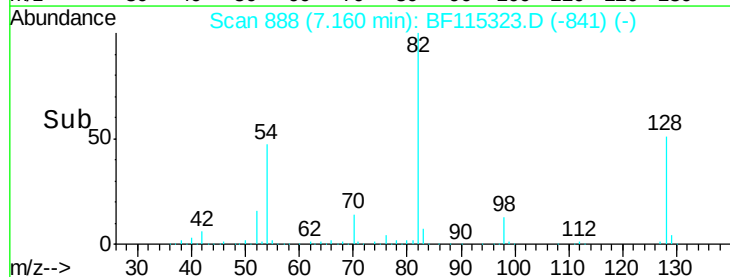
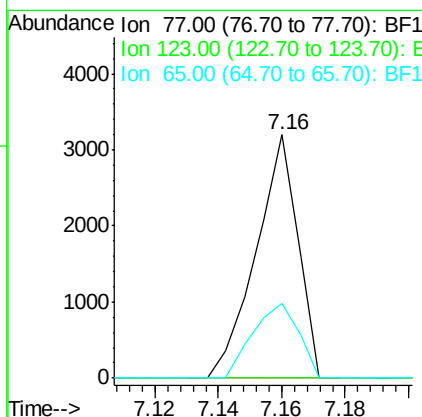
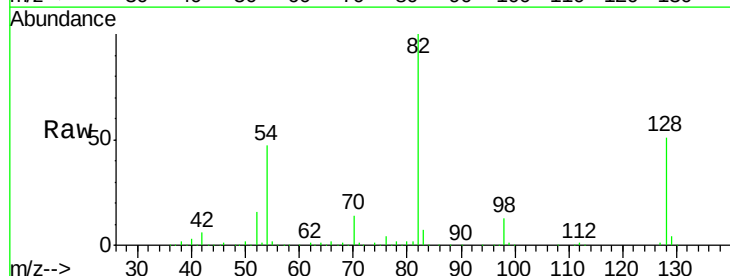
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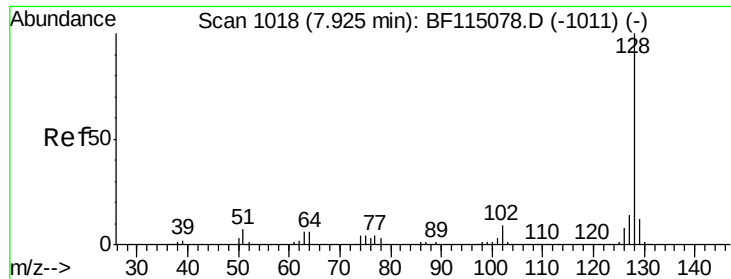
mohammad
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#24
Nitrobenzene
Concen: 0.238 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion: 77 Resp: 2936
Ion Ratio Lower Upper
77 100
123 0.0 41.0 61.6#
65 30.6 10.5 15.7#





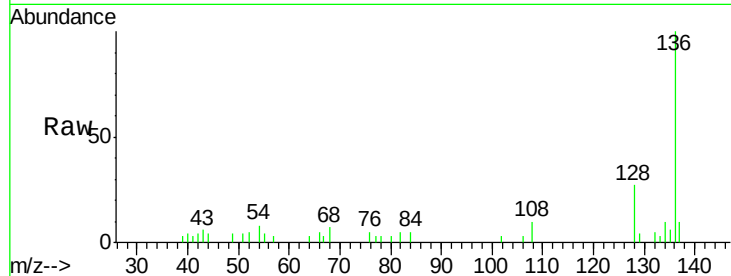
#31
Naphthalene
Concen: 0.065 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

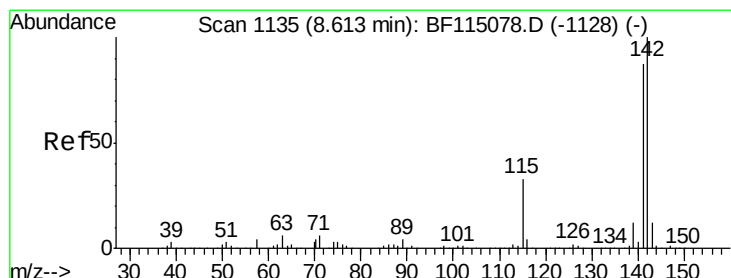
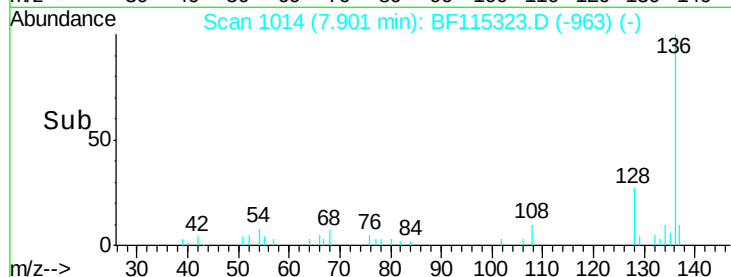
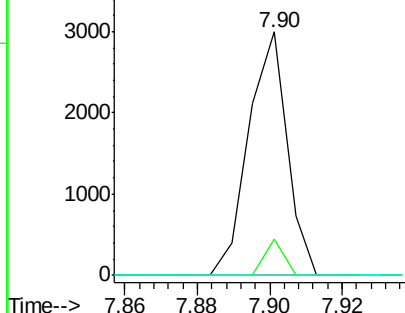
Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.6	14.4#
127	0.0	11.4	17.0#

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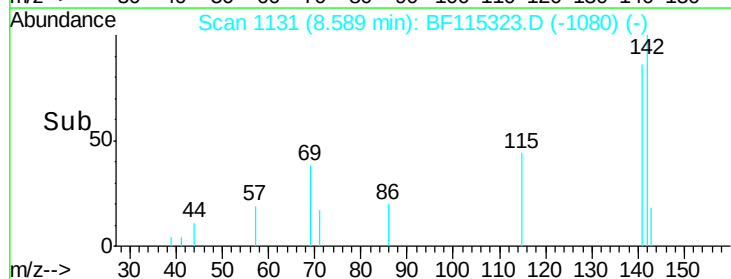
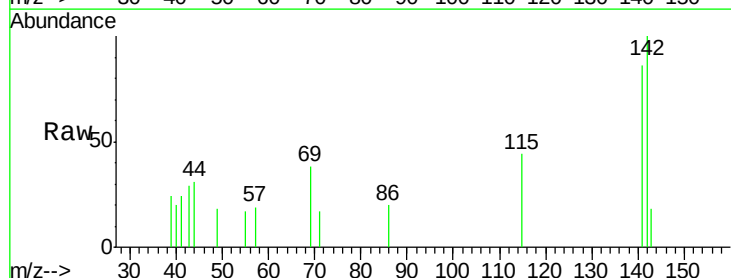
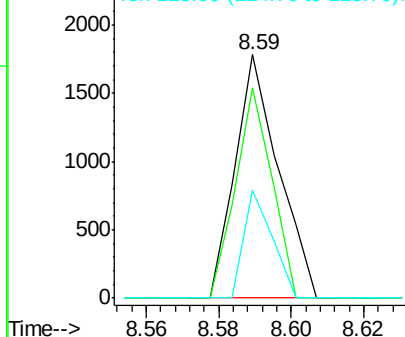
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

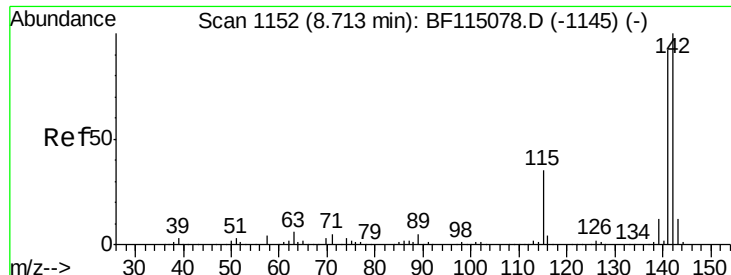


#37
2-Methylnaphthalene
Concen: 0.065 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.8	104.6
115	44.3	26.7	40.1#

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





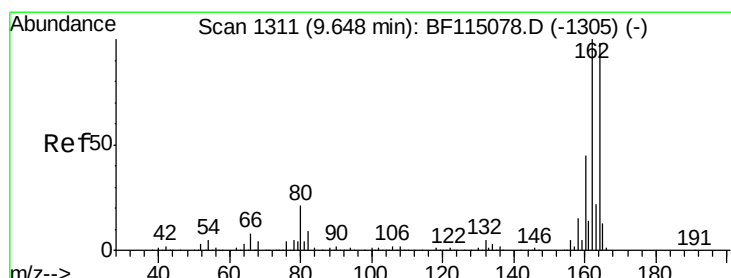
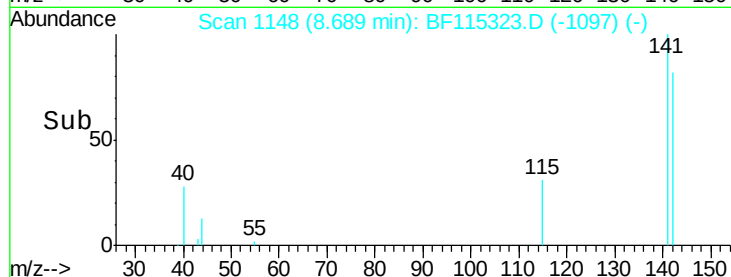
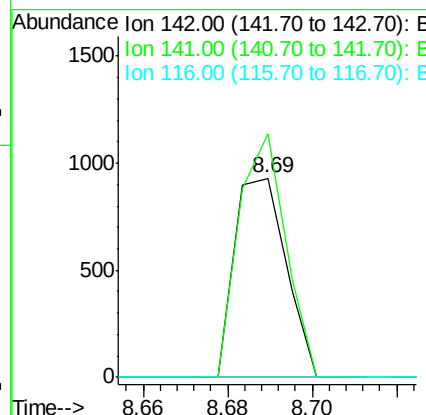
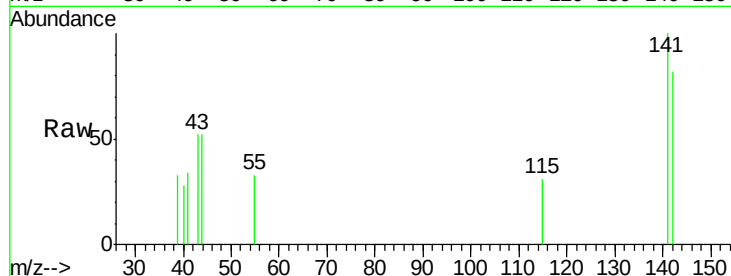
#38
1-Methylnaphthalene
Concen: 0.036 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Lower	Upper
142	100		
141	122.1	73.8	110.8#
116	0.0	2.8	4.2#

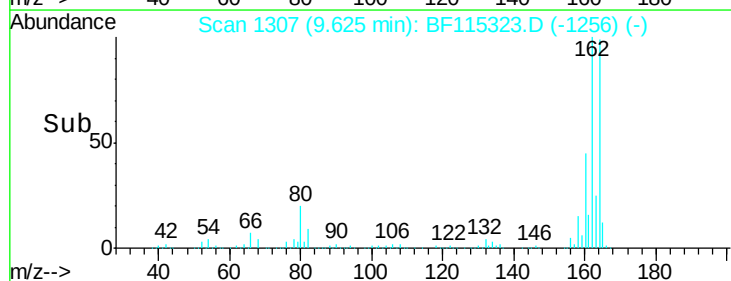
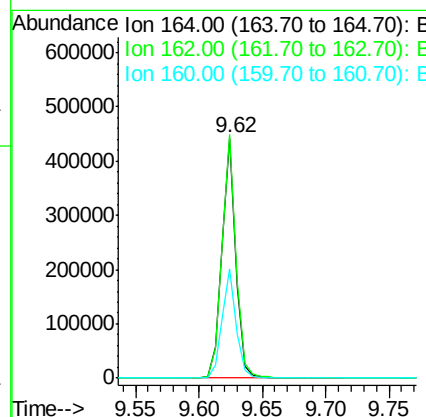
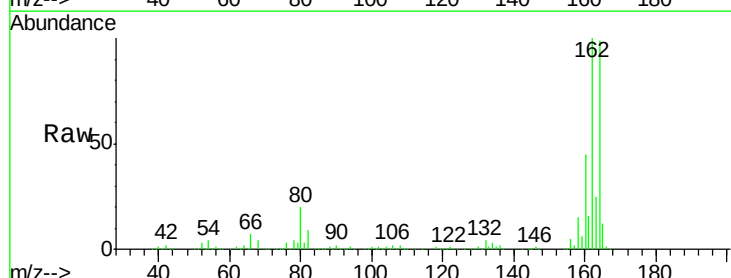
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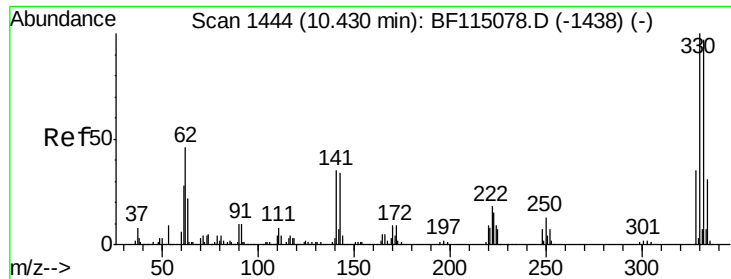
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.7	122.5
160	45.7	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 137.469 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

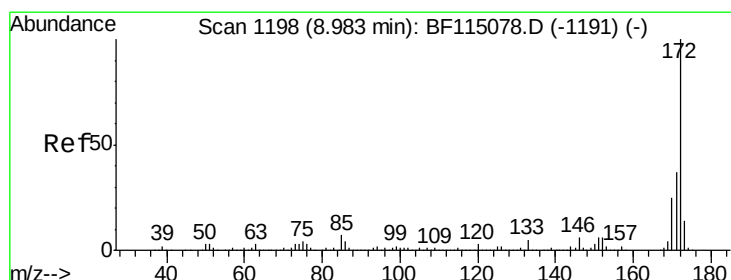
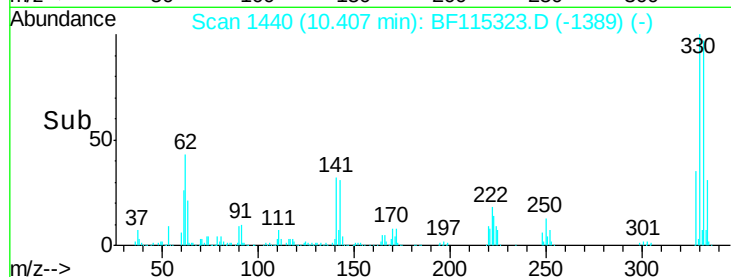
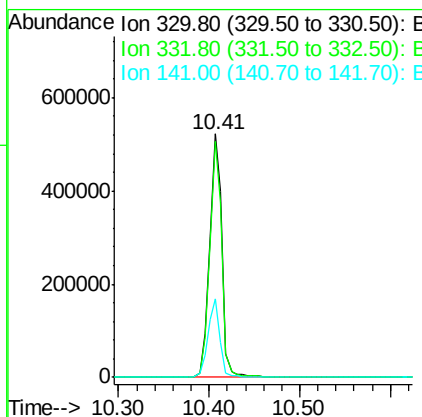
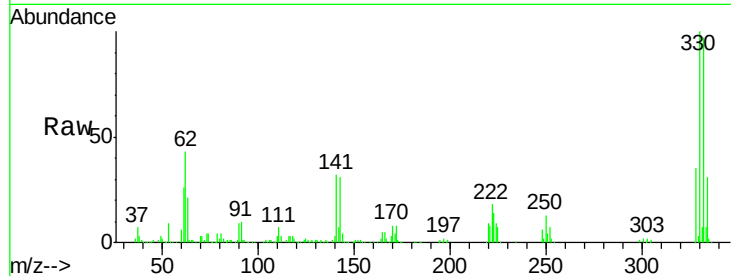
ClientSampleId :

RBR-200052

Tgt Ion:	330	Resp:	503796
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.3	115.9
141	31.7	28.2	42.2

Manual Integrations
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#45

2-Fluorobiphenyl

Concen: 90.405 ng

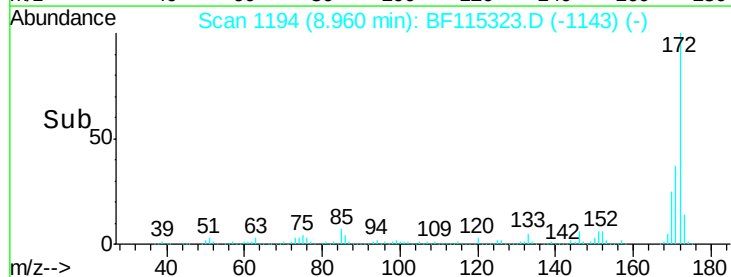
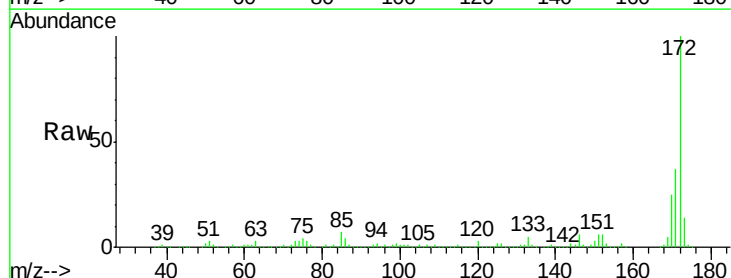
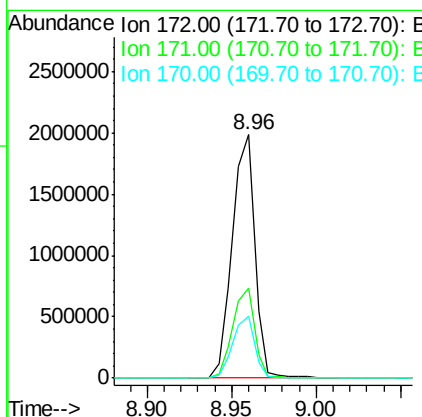
RT: 8.96 min Scan# 1194

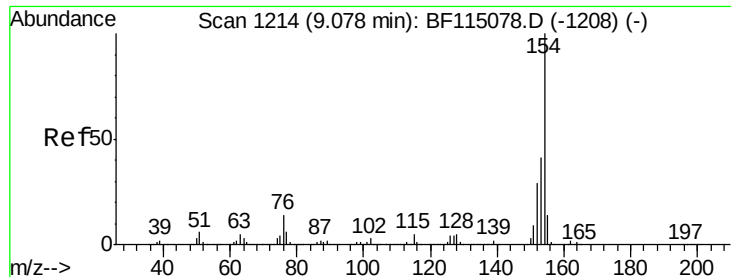
Delta R.T. 0.00 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	172	Resp:	1849615
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.8	44.6
170	25.3	20.3	30.5





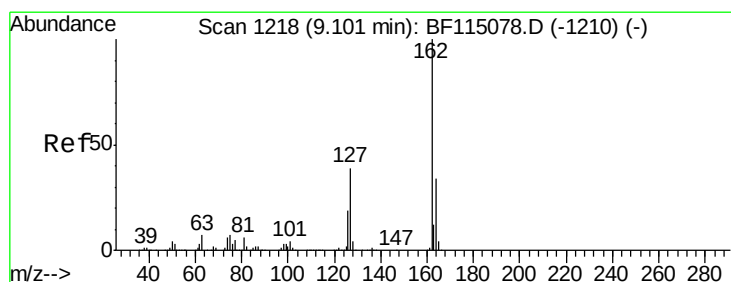
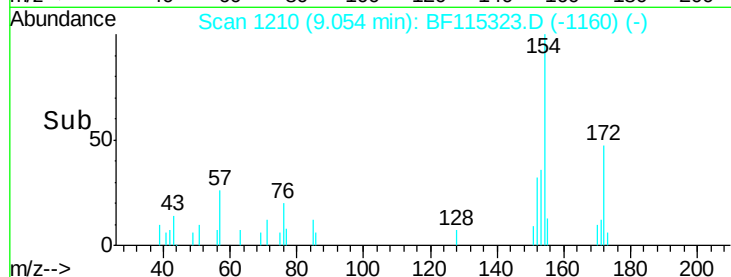
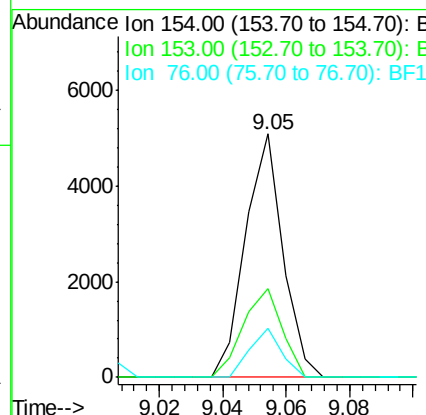
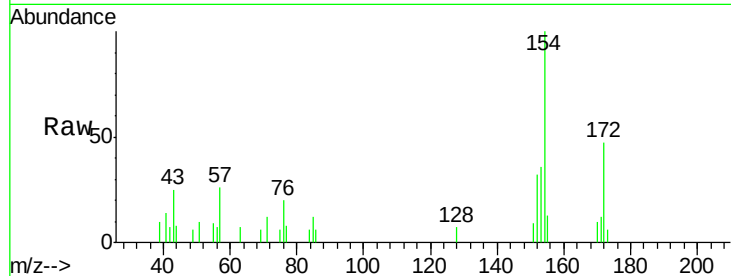
#46
 1,1'-Biphenyl
 Concen: 0.150 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.4	20.9	60.9
76	20.3	0.0	34.1

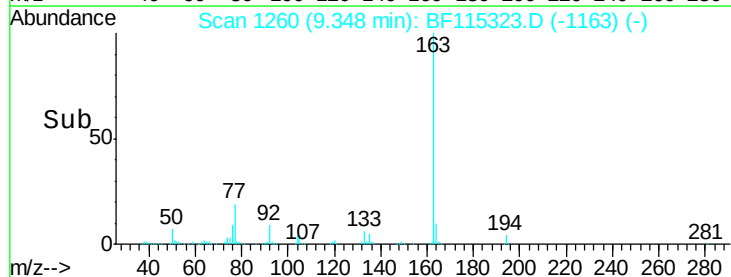
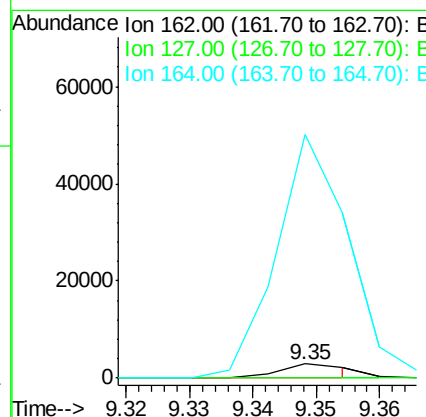
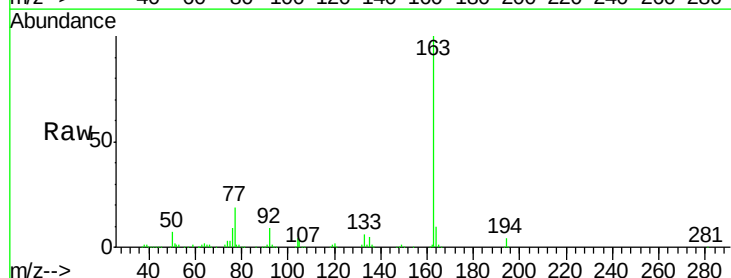
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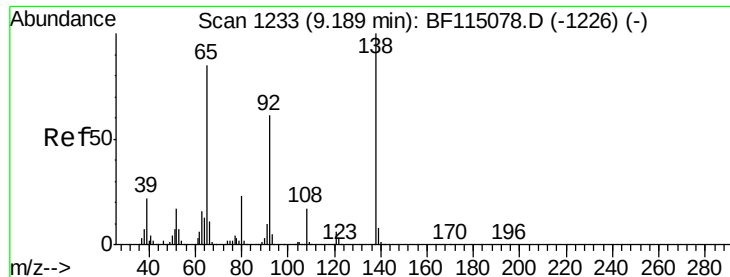
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#47
 2-Chloronaphthalene
 Concen: 0.094 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.27 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	30.8	46.2#
164	1722.7	27.0	40.4#





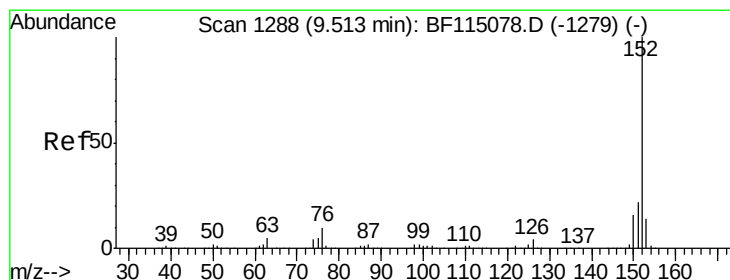
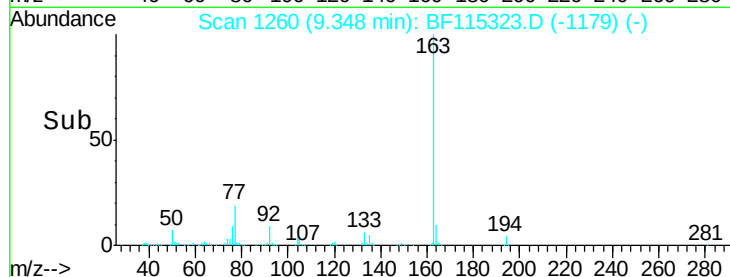
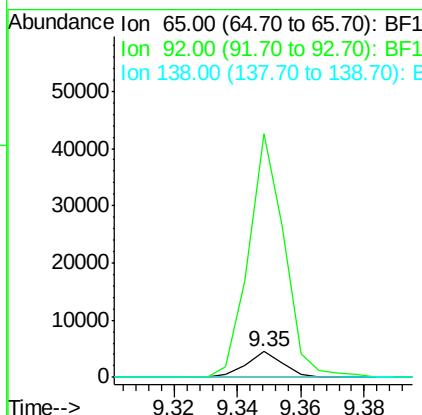
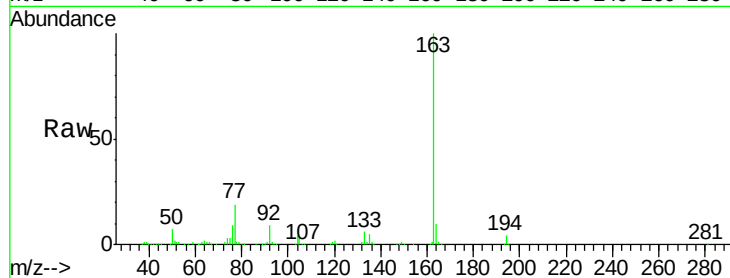
#48
2-Nitroaniline
Concen: 0.540 ng
RT: 9.35 min Scan# 1260
Delta R.T. 0.18 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Lower	Upper
65	100		
92	958.8	57.4	86.2#
138	0.0	94.1	141.1#

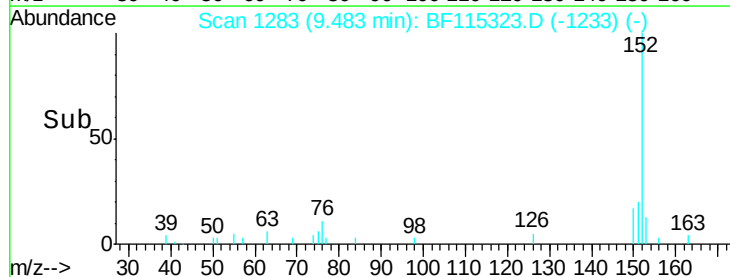
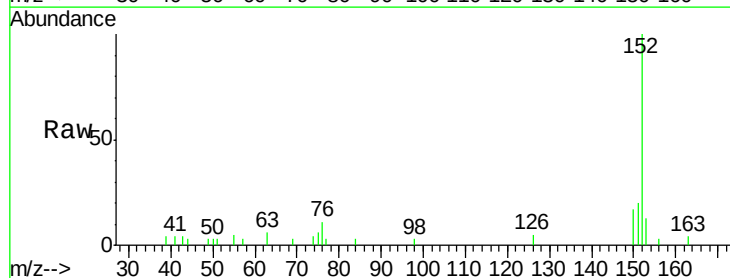
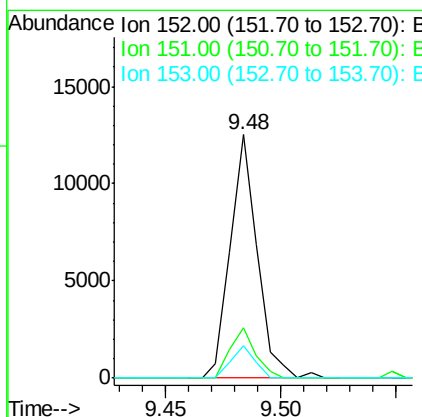
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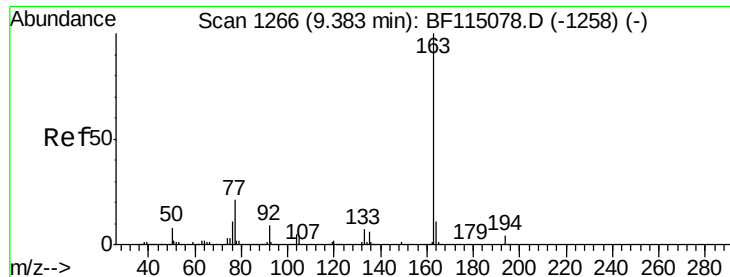
mohammad
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#49
Acenaphthylene
Concen: 0.290 ng
RT: 9.48 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	13.4	11.0	16.6





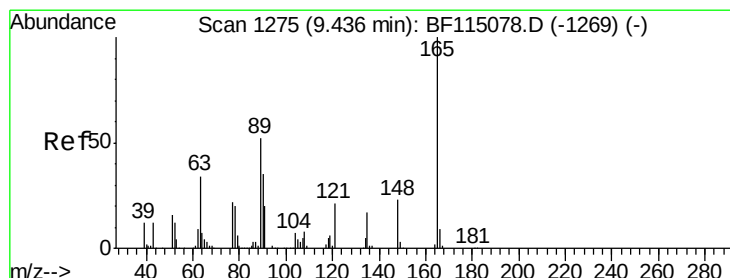
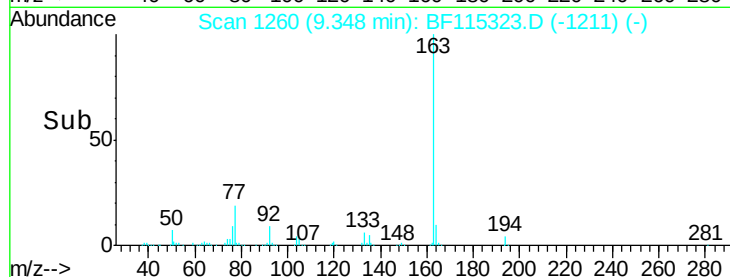
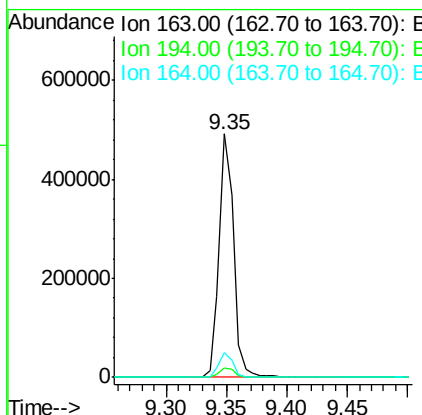
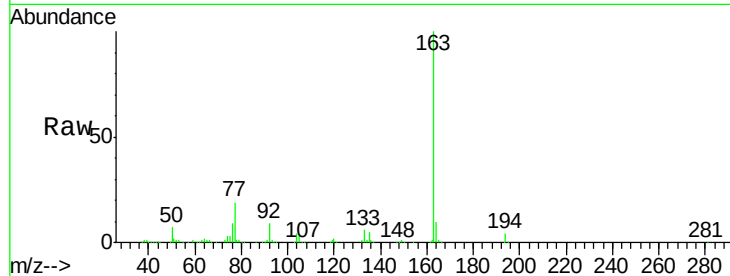
#50
Dimethylphthalate
Concen: 15.863 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	405583		
194	3.6		3.2	4.8
164	10.2		8.6	13.0

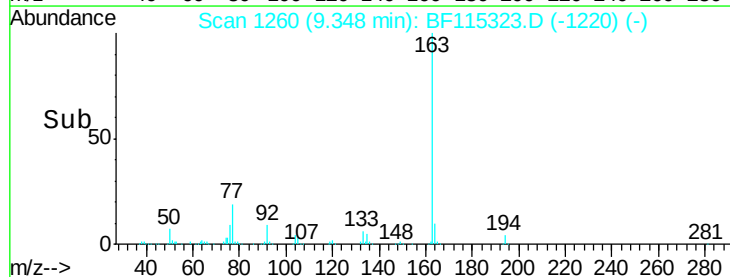
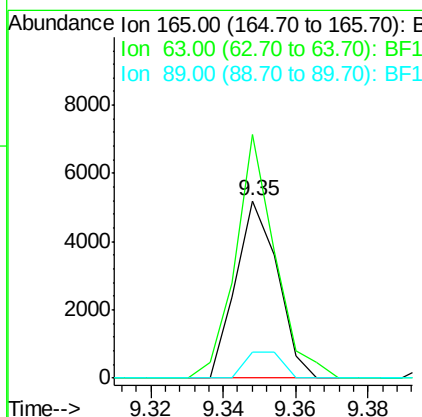
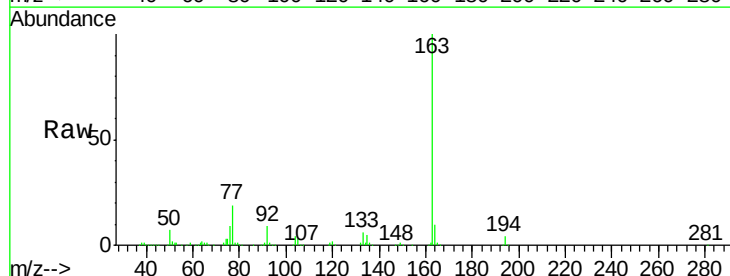
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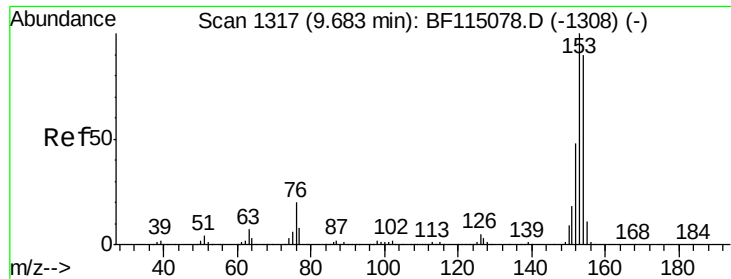
mohammad
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#51
2,6-Dinitrotoluene
Concen: 0.710 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.06 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	4189		
63	137.1		39.4	59.2#
89	14.8		42.0	63.0#





#52

Acenaphthene

Concen: 0.096 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF115323.D

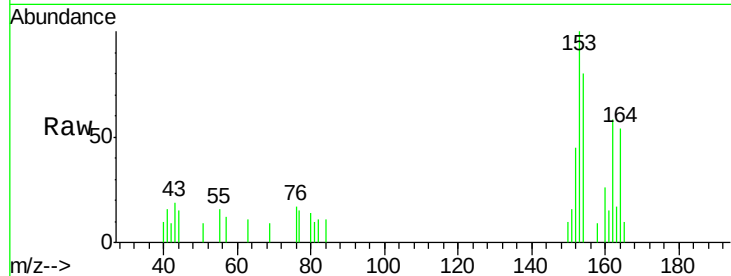
Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

ClientSampleId :

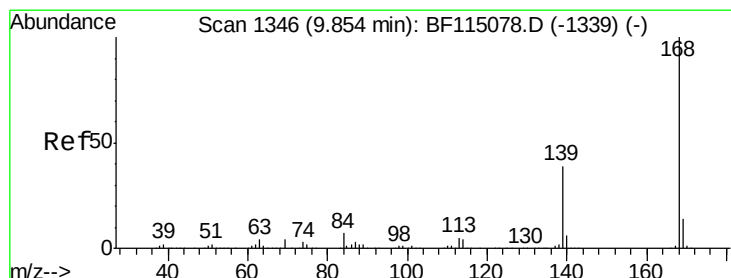
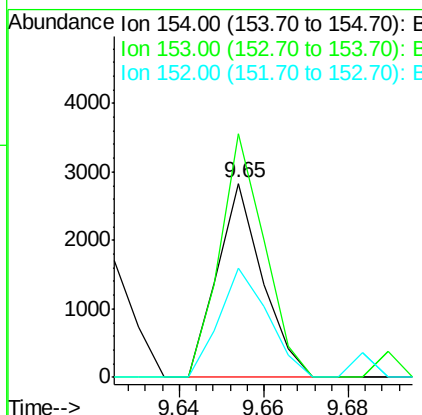
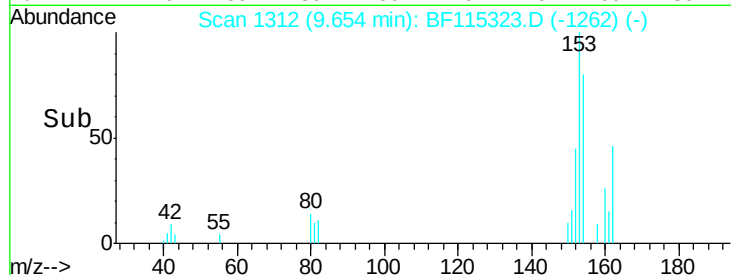
RBR-200052



Tgt Ion:	154	Resp:	2105
Ion	Ratio	Lower	Upper
154	100		
153	125.7	88.7	133.1
152	56.3	42.6	64.0

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#55

Dibenzofuran

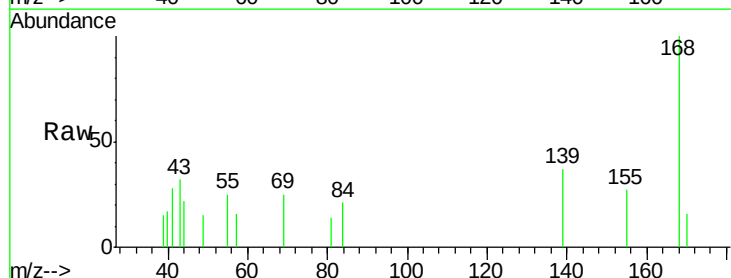
Concen: 0.062 ng

RT: 9.82 min Scan# 1341

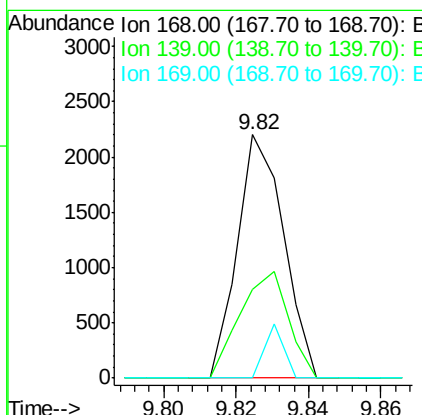
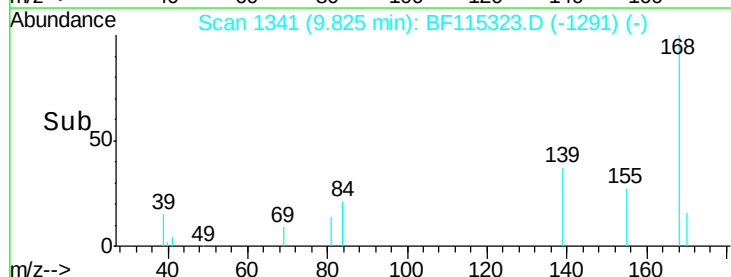
Delta R.T. -0.01 min

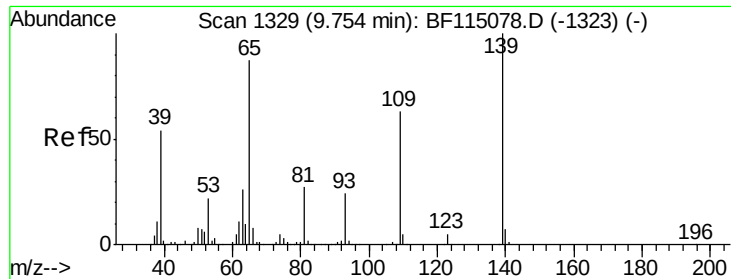
Lab File: BF115323.D

Acq: 29 Jun 2019 15:20



Tgt Ion:	168	Resp:	1950
Ion	Ratio	Lower	Upper
168	100		
139	36.6	31.1	46.7
169	0.0	11.3	16.9#





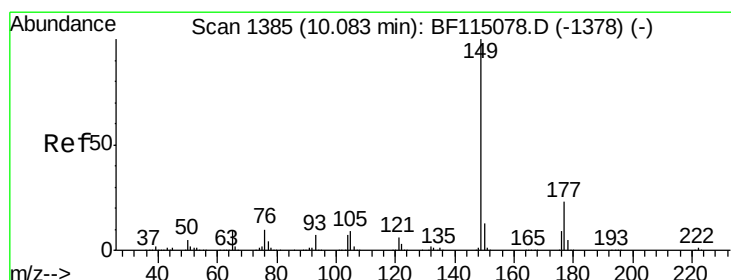
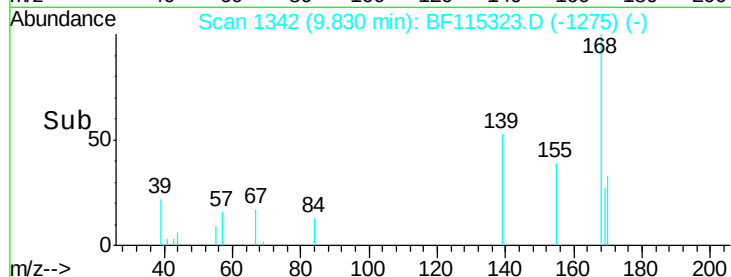
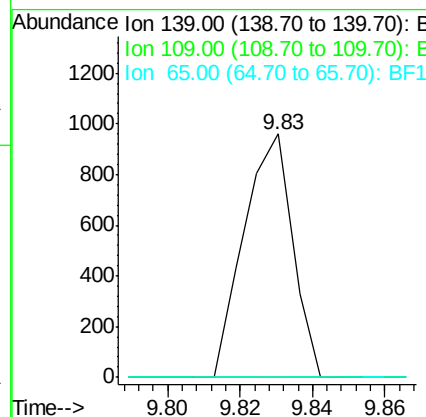
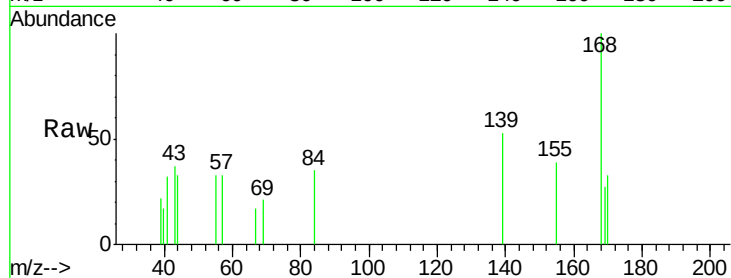
#56
4-Nitrophenol
Concen: 0.154 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.09 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	43.0	83.0#
65	0.0	67.0	107.0#

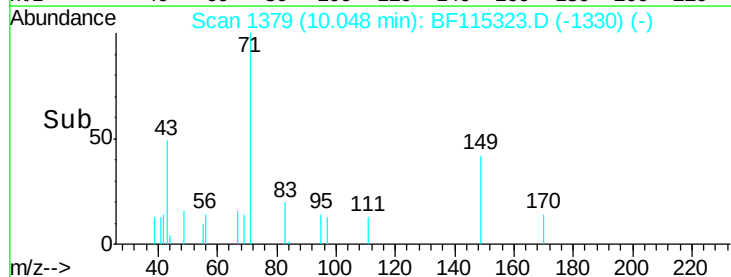
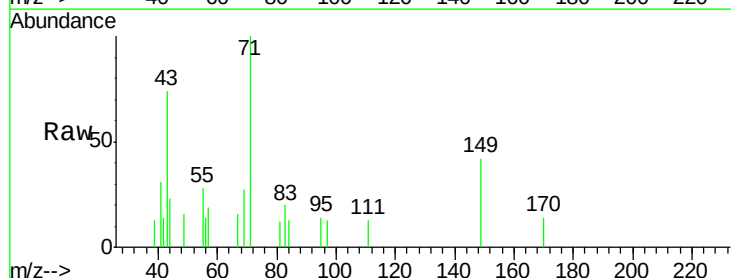
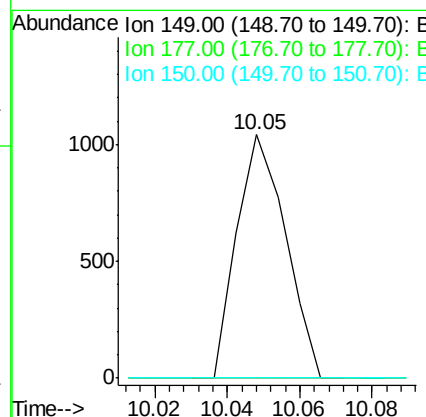
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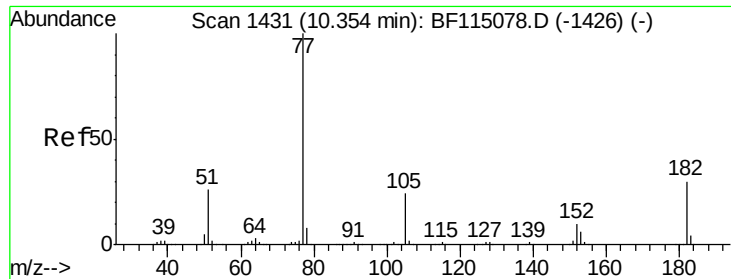
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#60
Diethylphthalate
Concen: 0.038 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.7	28.1#
150	0.0	10.4	15.6#





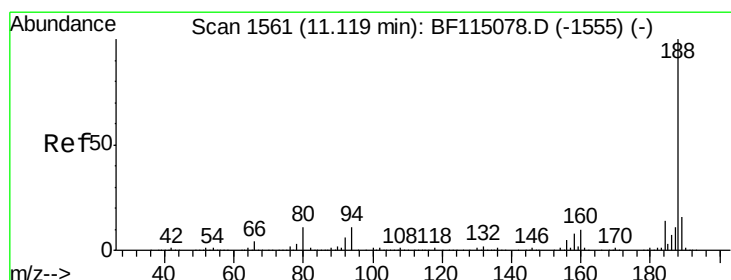
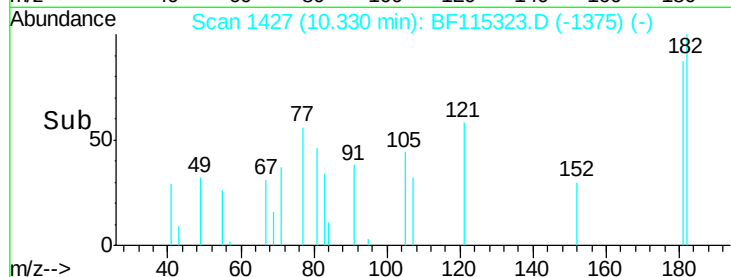
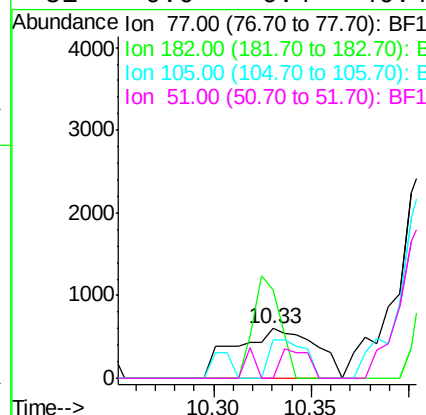
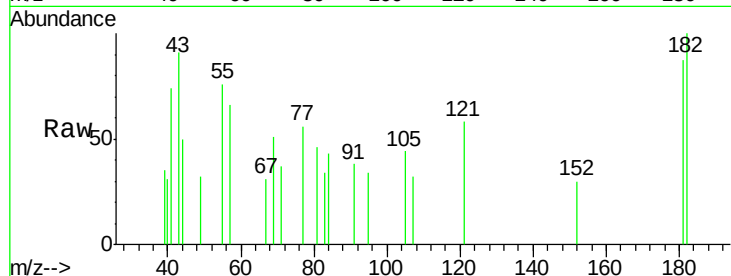
#63
Azobenzene
Concen: 0.071 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Lower	Upper
77	100		
182	177.9	10.1	50.1#
105	78.4	4.5	44.5#
51	0.0	6.4	46.4#

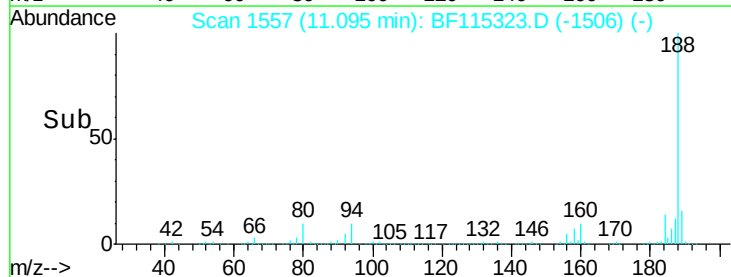
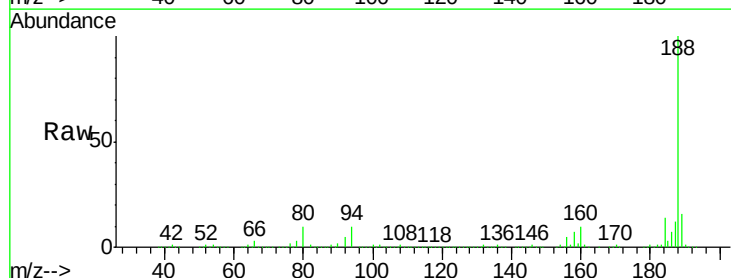
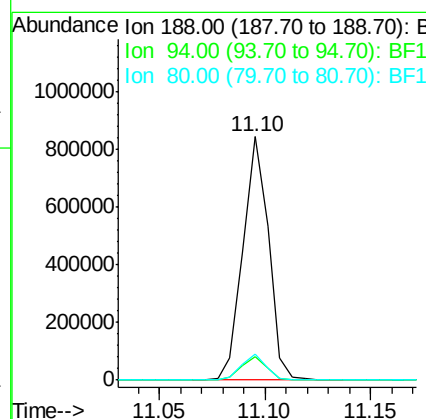
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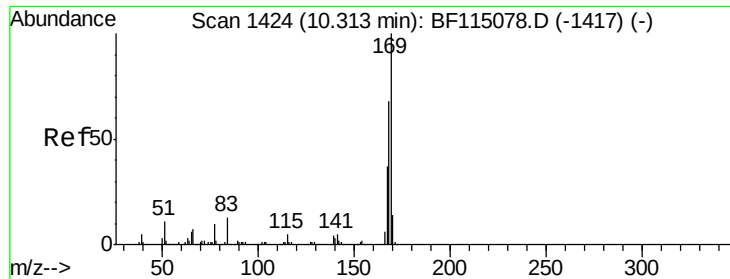
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.5	8.8	13.2





#66

n-Nitrosodiphenylamine

Concen: 0.683 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.12 min

Lab File: BF115323.D

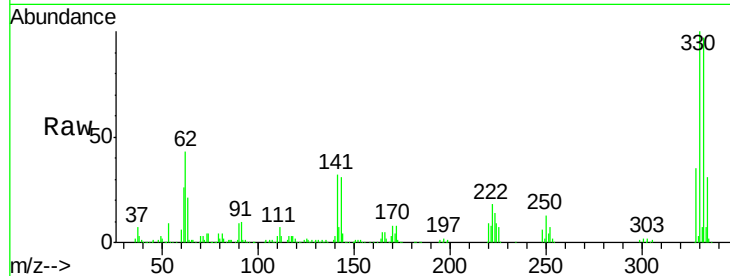
Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

ClientSampleId :

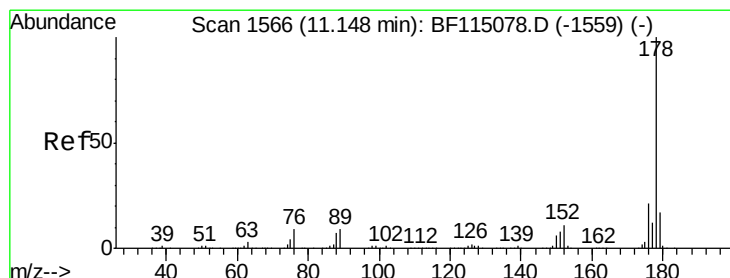
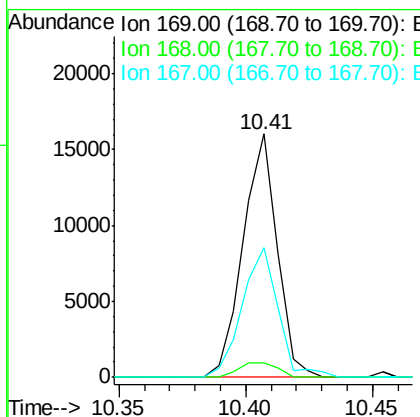
RBR-200052



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	14993		
168	6.0	54.2	81.4#	
167	53.2	29.4	44.0#	

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#71

Phenanthrene

Concen: 1.242 ng

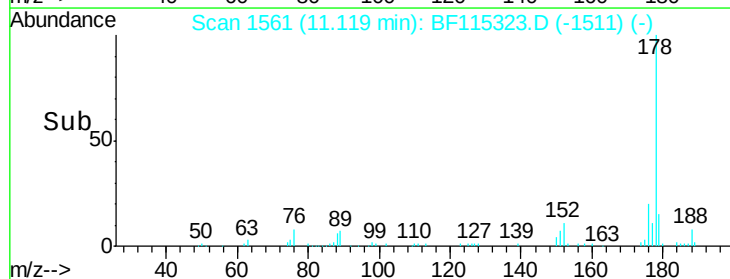
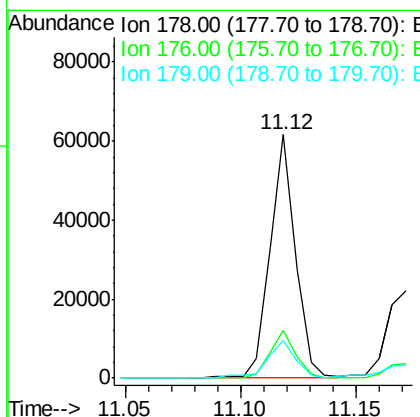
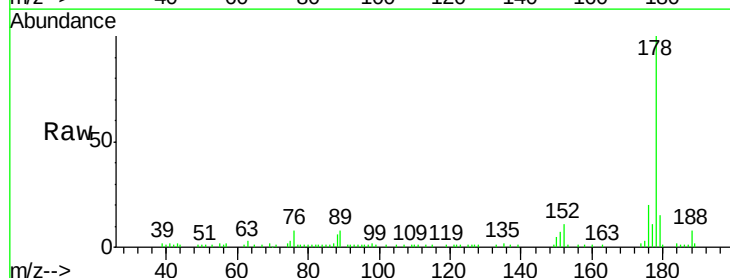
RT: 11.12 min Scan# 1561

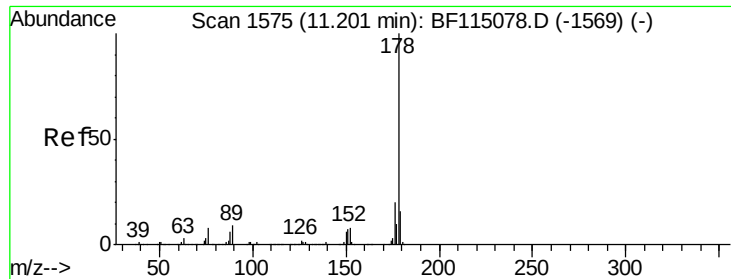
Delta R.T. -0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	47123		
176	19.6	16.9	25.3	
179	15.2	13.2	19.8	





#72

Anthracene

Concen: 0.495 ng

RT: 11.17 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

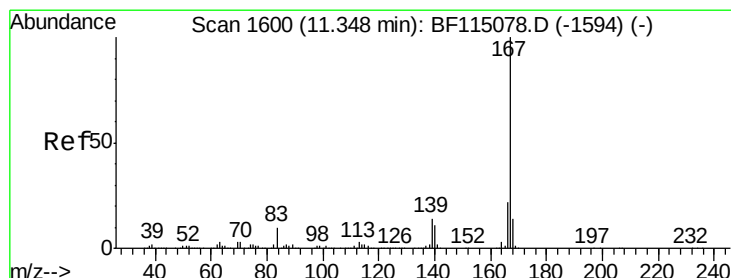
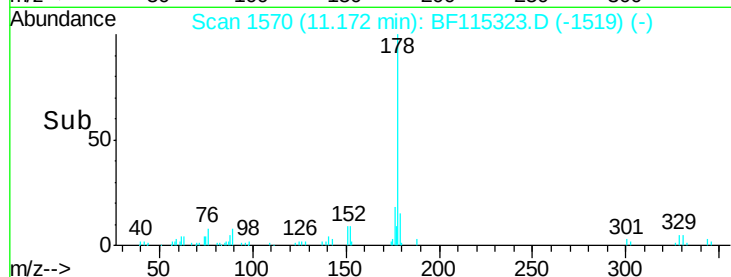
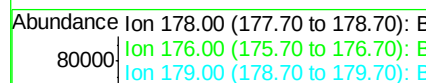
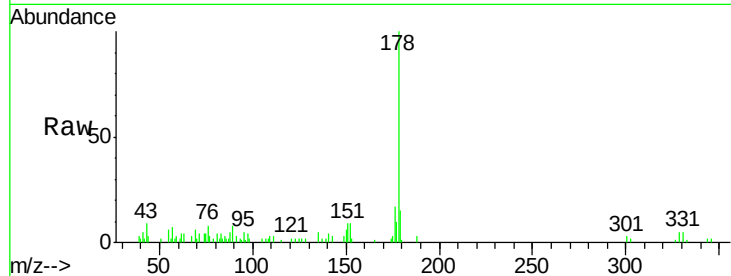
ClientSampleId :

RBR-200052

Tgt Ion:	178	Resp:	18941
Ion Ratio	Lower	Upper	
178	100		
176	17.3	16.1	24.1
179	14.7	12.9	19.3

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#73

Carbazole

Concen: 0.261 ng

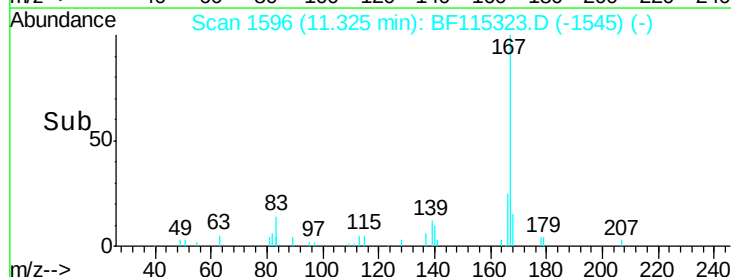
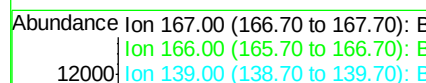
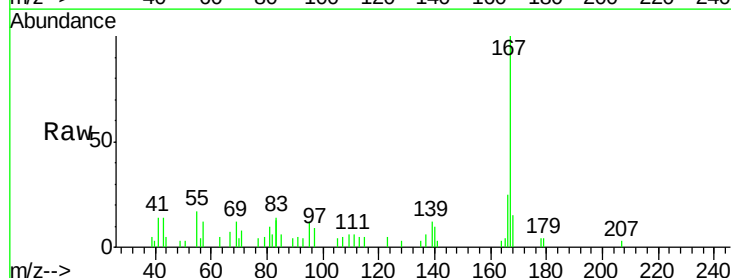
RT: 11.32 min Scan# 1596

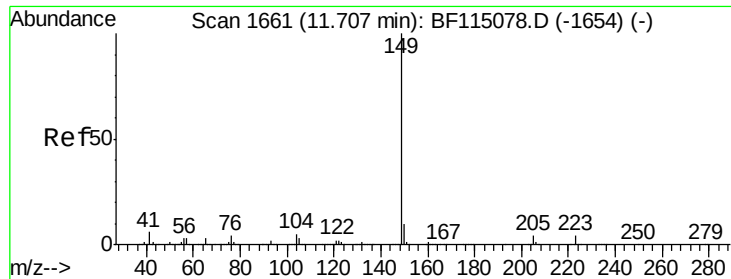
Delta R.T. 0.00 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	167	Resp:	8910
Ion Ratio	Lower	Upper	
167	100		
166	25.0	18.0	27.0
139	11.6	11.1	16.7





#74

Di-n-butylphthalate

Concen: 0.123 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

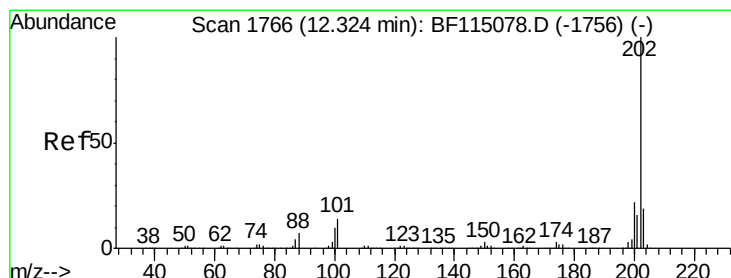
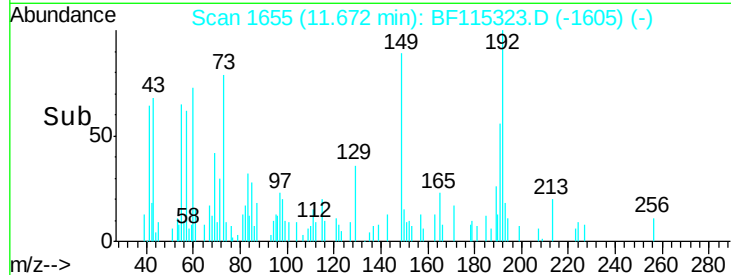
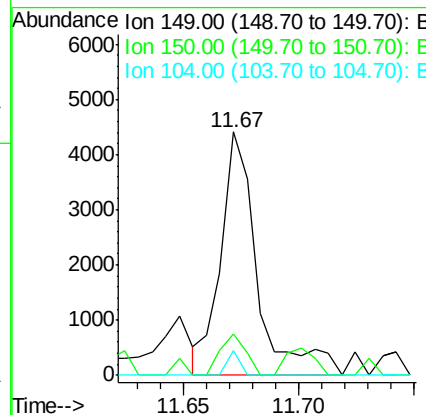
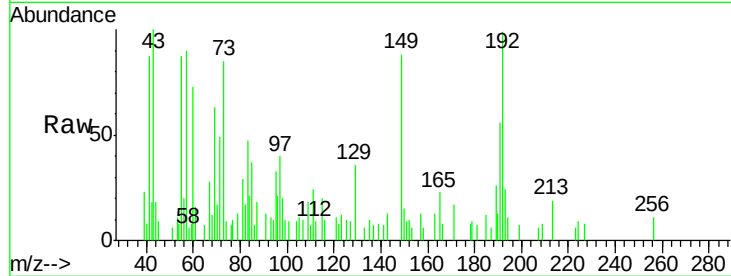
ClientSampleId :

RBR-200052

Tgt Ion:	149	Resp:	4855
Ion Ratio	Lower	Upper	
149	100		
150	16.8	7.8	11.8#
104	10.0	3.7	5.5#

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#75

Fluoranthene

Concen: 4.477 ng

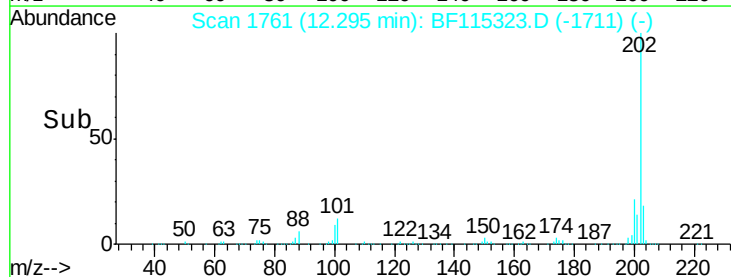
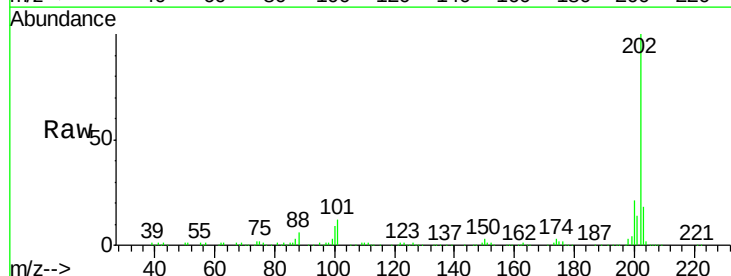
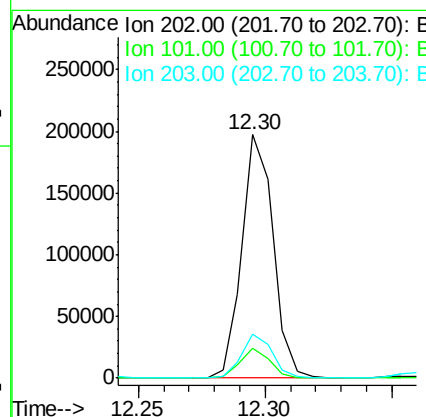
RT: 12.30 min Scan# 1761

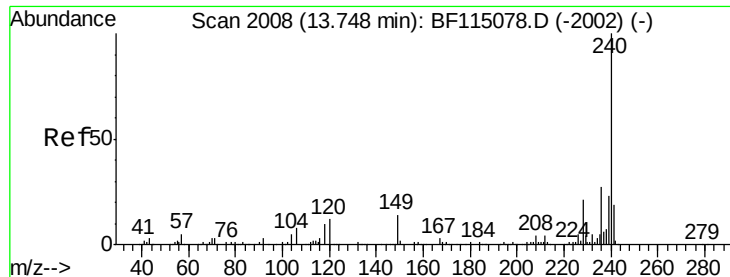
Delta R.T. -0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	202	Resp:	169471
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.0
203	18.0	0.0	38.8





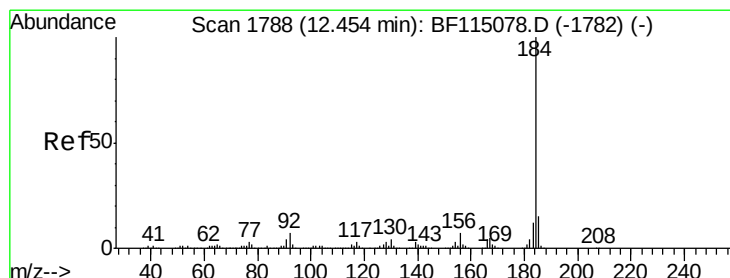
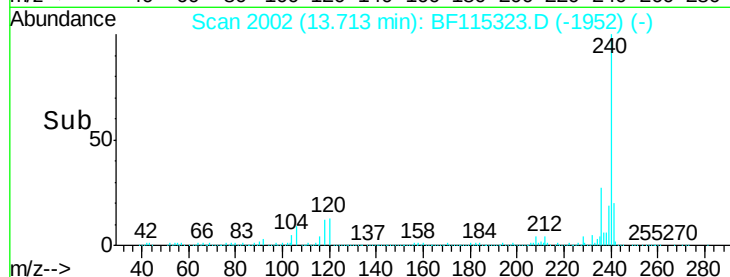
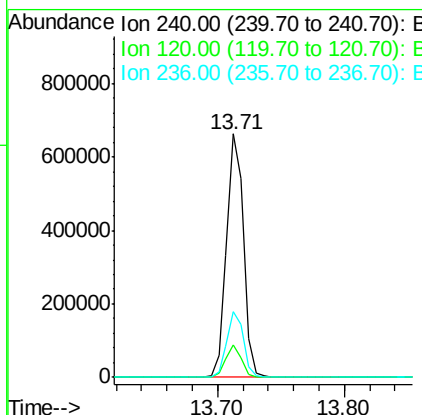
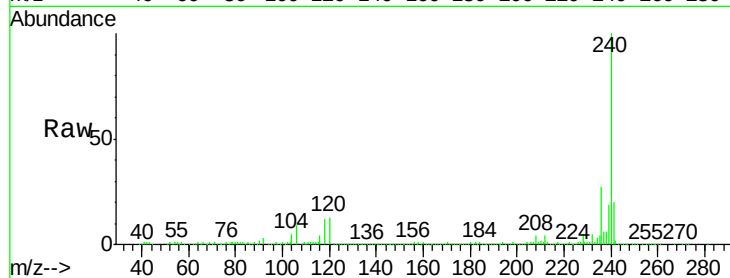
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	613720		
120	13.2	9.4	14.2	
236	26.9	21.7	32.5	

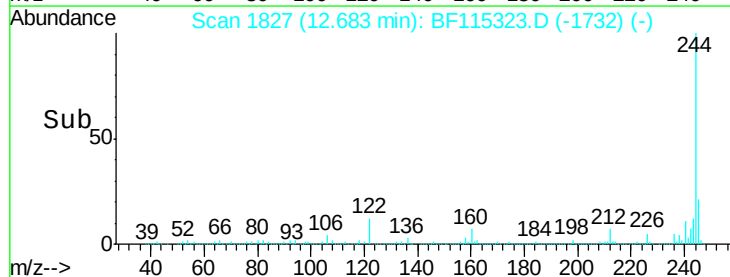
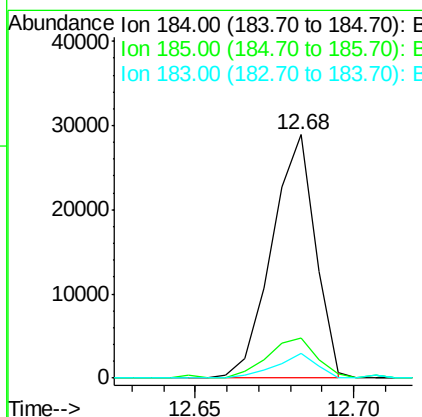
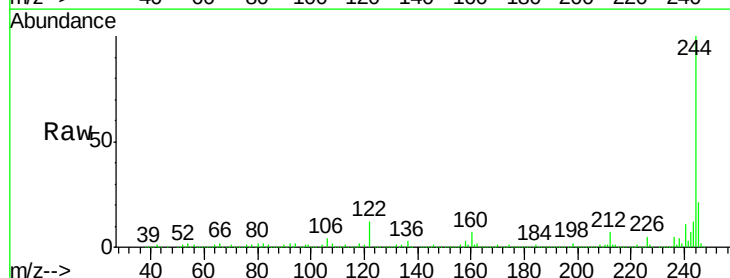
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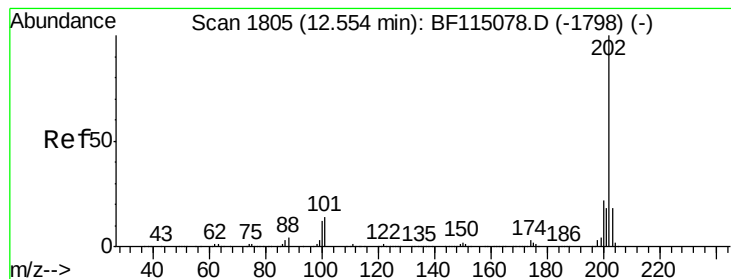
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#77
Benzidine
Concen: 1.015 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.26 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	27674		
185	16.4	12.2	18.2	
183	10.0	9.6	14.4	





#78

Pyrene

Concen: 3.647 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

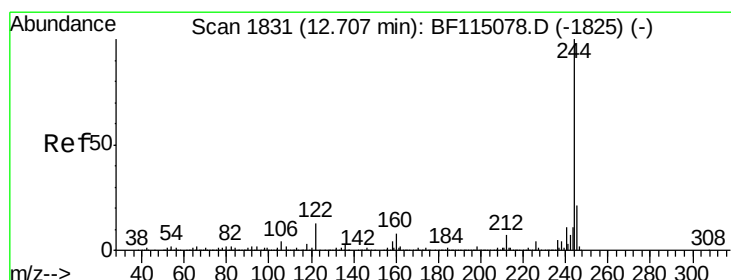
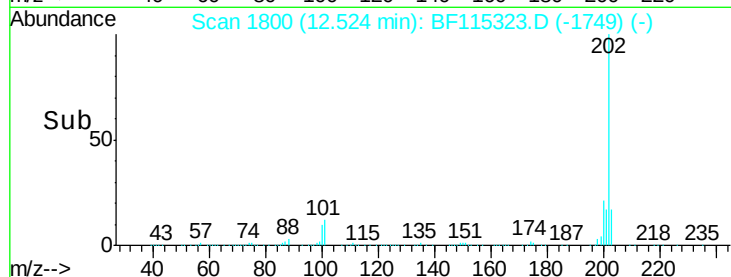
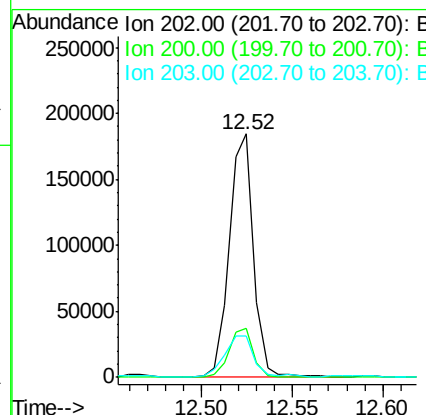
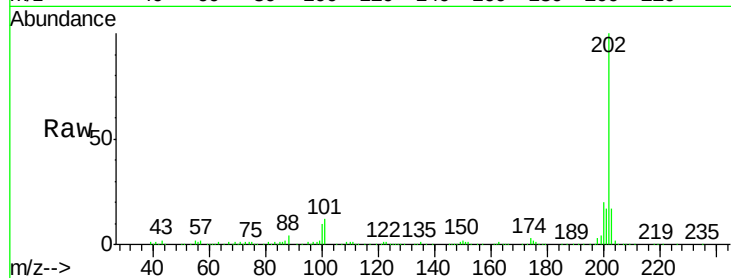
ClientSampleId :

RBR-200052

Tgt Ion:	202	Resp:	171990
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.9	26.9
203	17.2	14.6	21.8

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#79

Terphenyl-d14

Concen: 76.451 ng

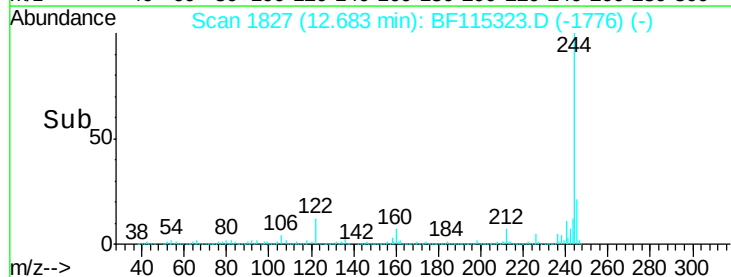
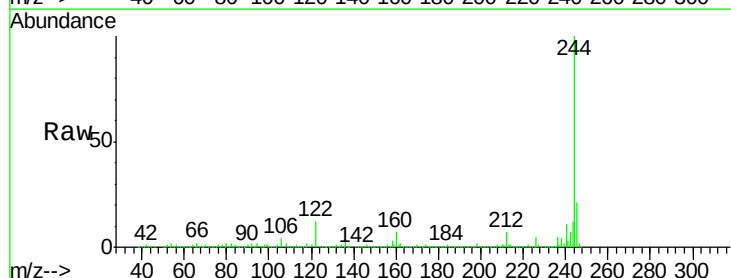
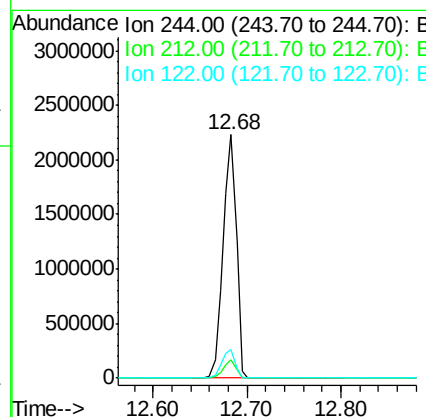
RT: 12.68 min Scan# 1827

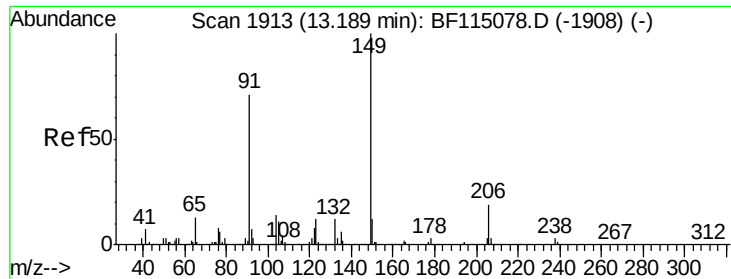
Delta R.T. 0.00 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	244	Resp:	2206788
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.6
122	12.0	10.4	15.6





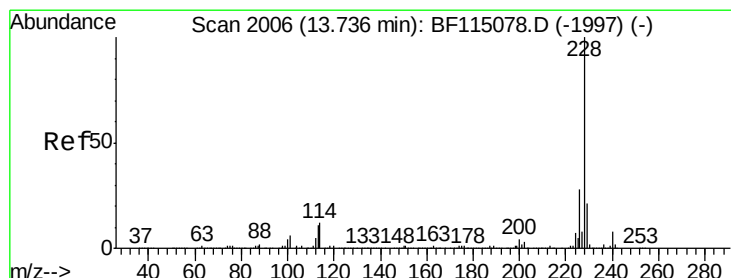
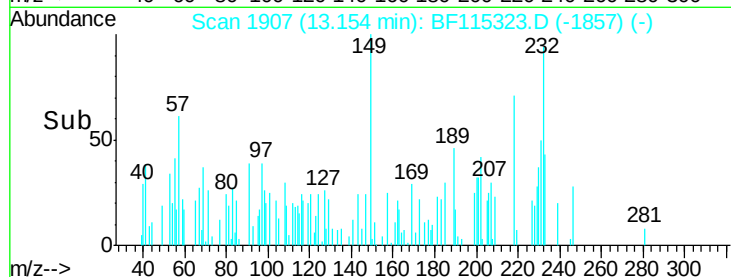
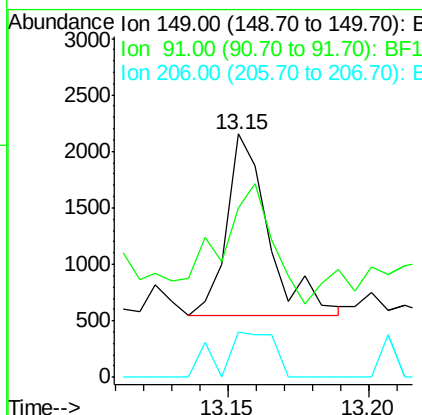
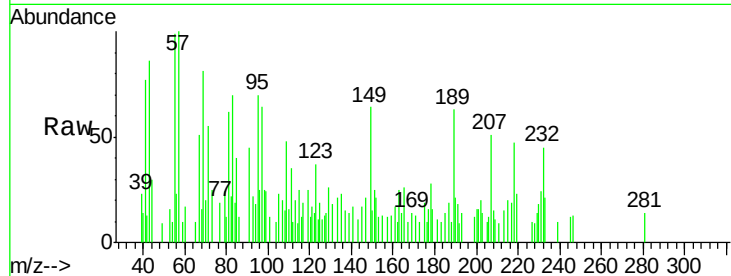
#80
Butylbenzylphthalate
Concen: 0.080 ng
RT: 13.15 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	56.5	84.7
206	18.5	15.3	22.9

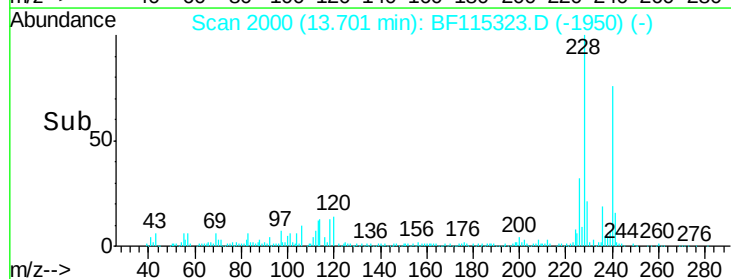
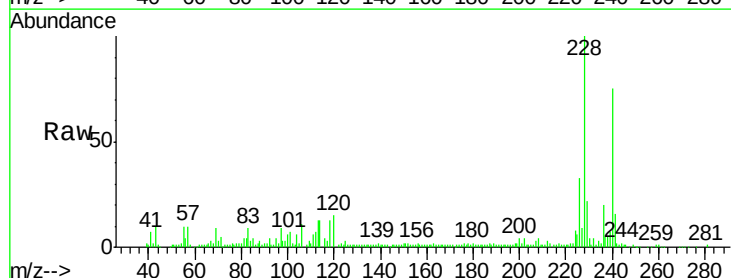
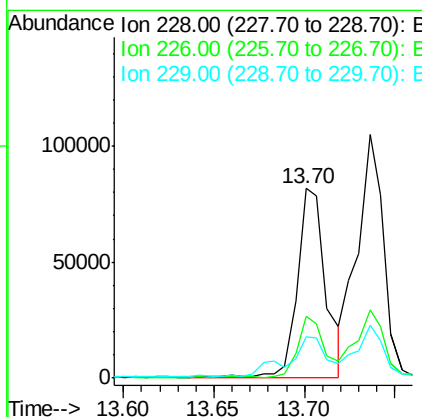
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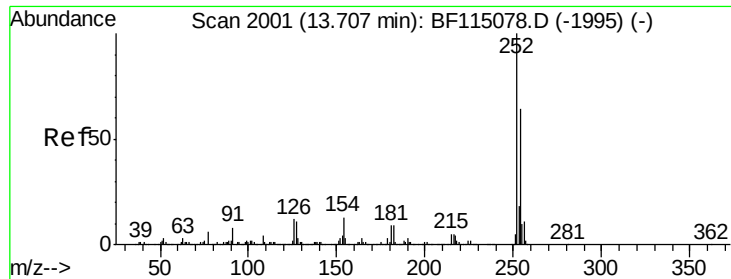
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#81
Benzo(a)anthracene
Concen: 2.025 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.5	33.7
229	21.7	16.6	24.8





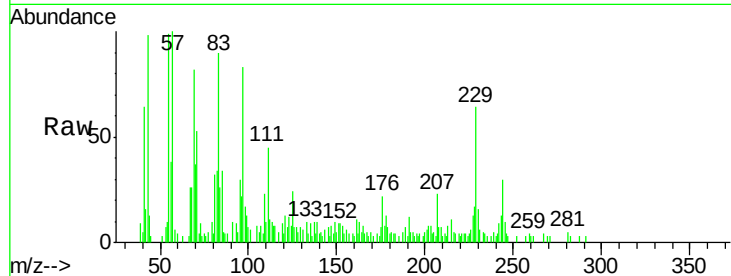
#82
 3,3'-Dichlorobenzidine
 Concen: 0.025 ng
 RT: 13.68 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

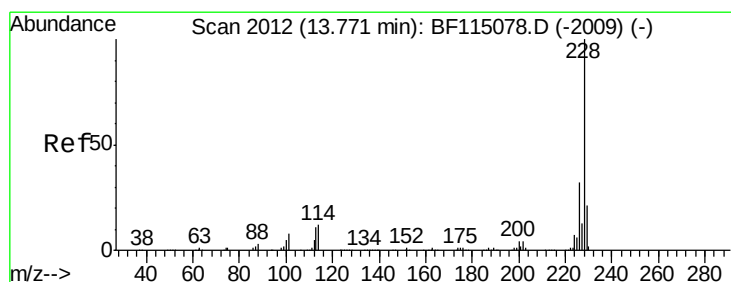
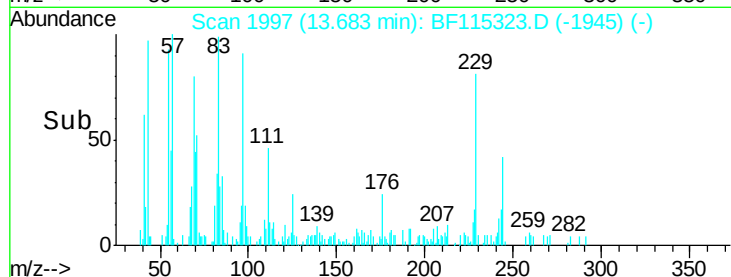
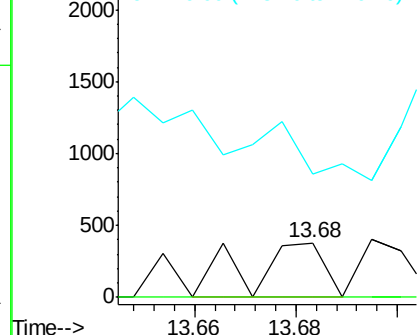
Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	226.2	9.4	14.0#

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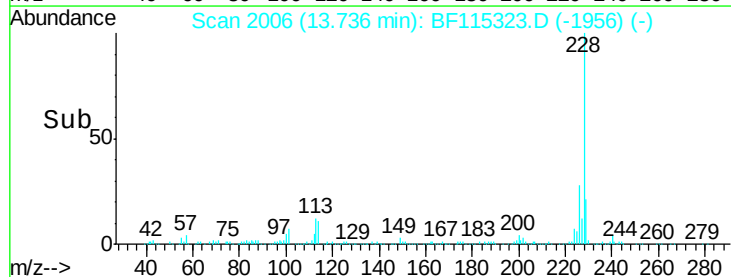
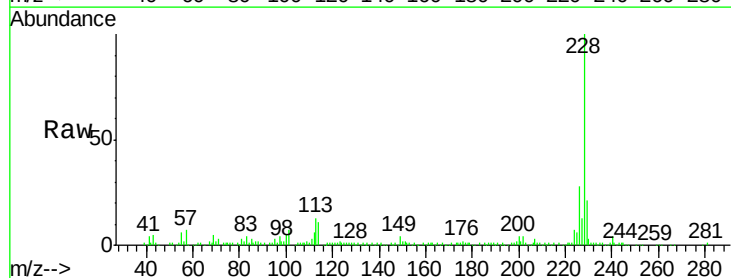
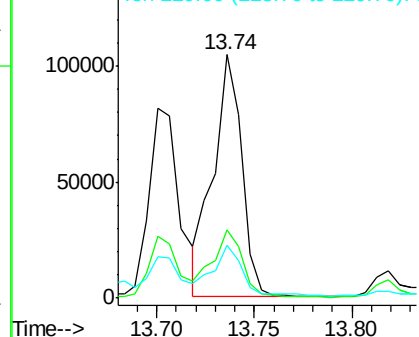
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

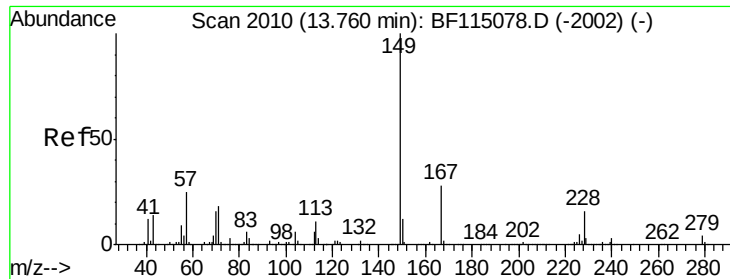


#83
 Chrysene
 Concen: 2.651 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115323.D
 Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	25.4	38.0
229	21.5	16.5	24.7

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.423 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

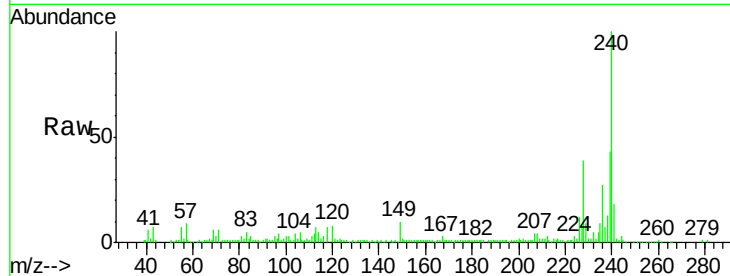
ClientSampleId :

RBR-200052

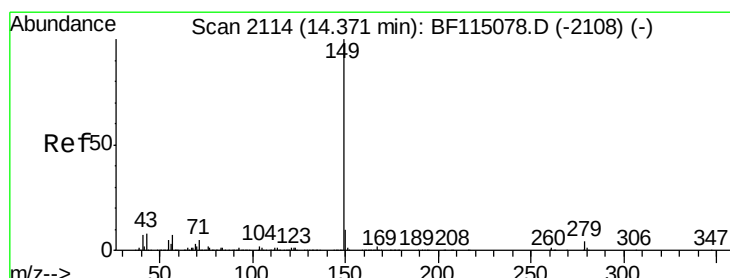
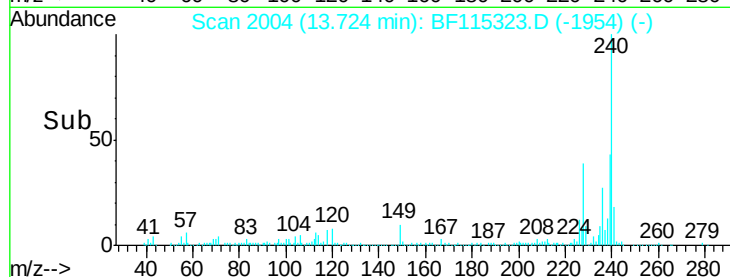
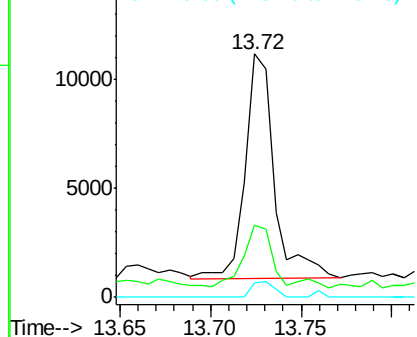
Tgt Ion:	149	Resp:	11550
Ion Ratio	Lower	Upper	
149	100		
167	29.7	22.2	33.4
279	5.7	2.9	4.3#

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



#85

Di-n-octyl phthalate

Concen: 0.027 ng

RT: 14.33 min Scan# 2107

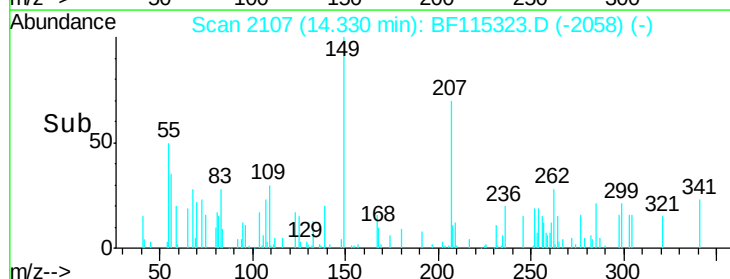
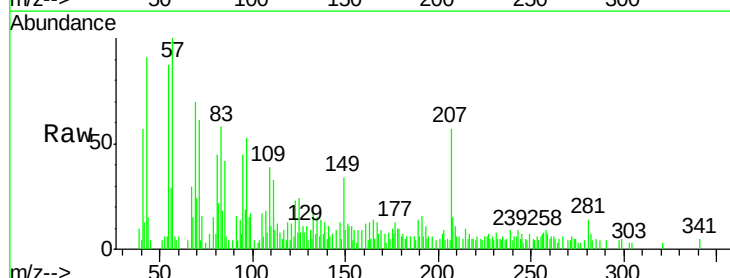
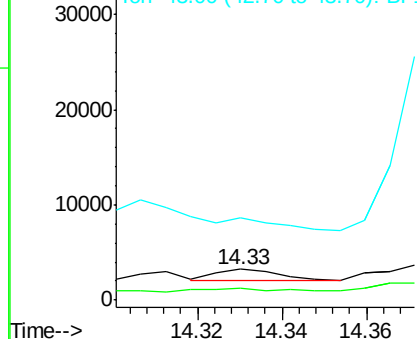
Delta R.T. -0.01 min

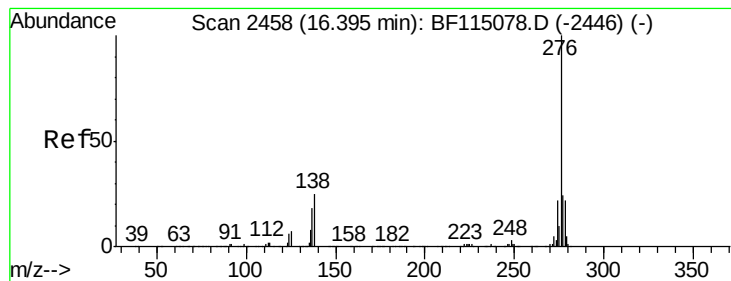
Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	149	Resp:	1256
Ion Ratio	Lower	Upper	
149	100		
167	18.6	1.2	1.8#
43	0.0	7.0	10.6#

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: 0.777 ng

RT: 16.33 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

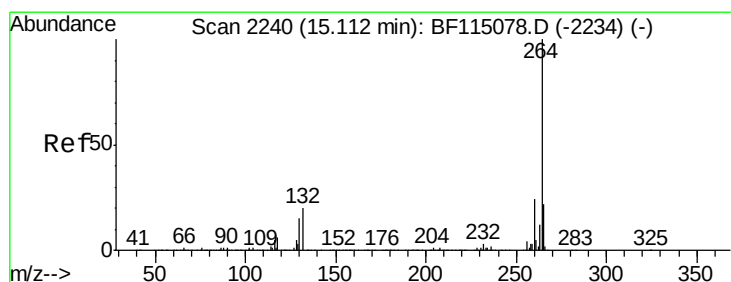
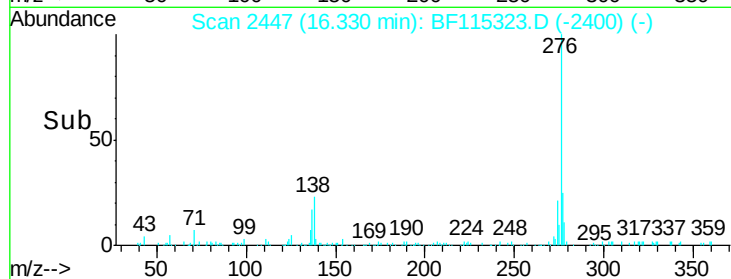
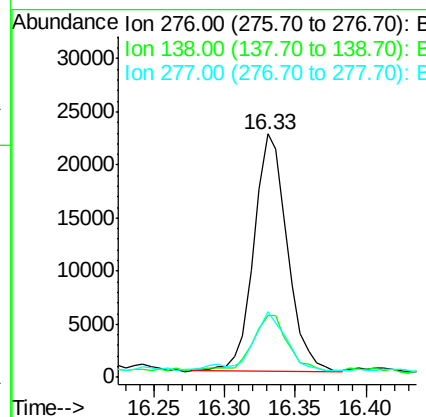
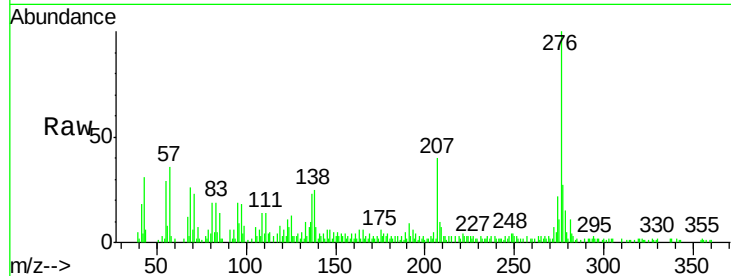
ClientSampleId :

RBR-200052

Tgt Ion:	276	Resp:	37081
Ion Ratio	Lower	Upper	
276	100		
138	25.2	23.2	34.8
277	25.6	20.1	30.1

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#87

Perylene-d12

Concen: 20.000 ng

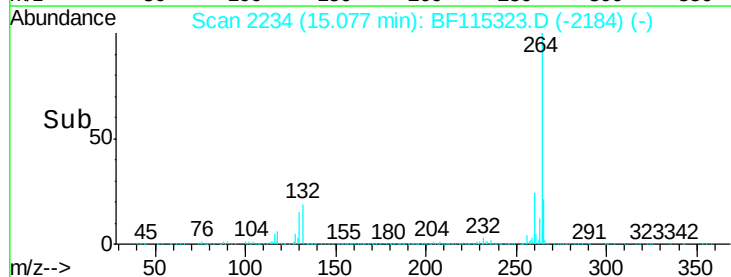
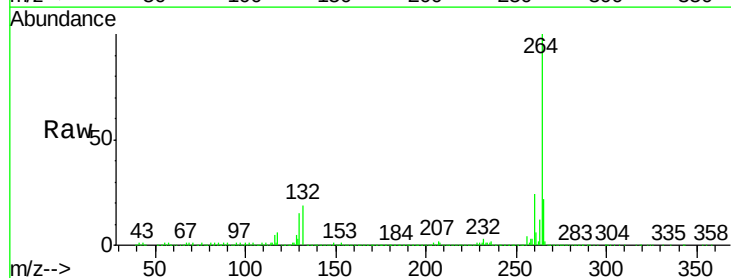
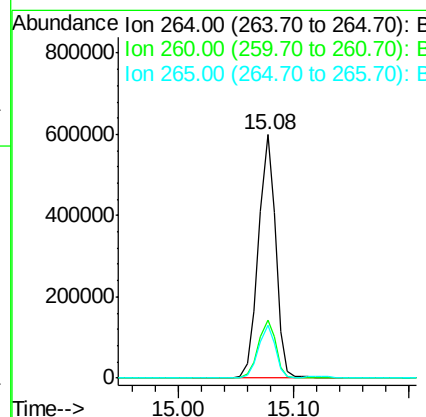
RT: 15.08 min Scan# 2234

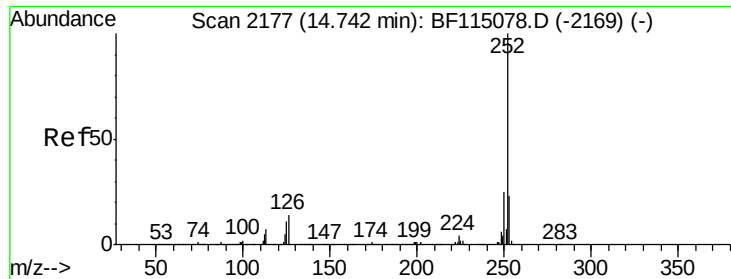
Delta R.T. -0.01 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	264	Resp:	627125
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.6	29.4
265	21.6	17.3	25.9





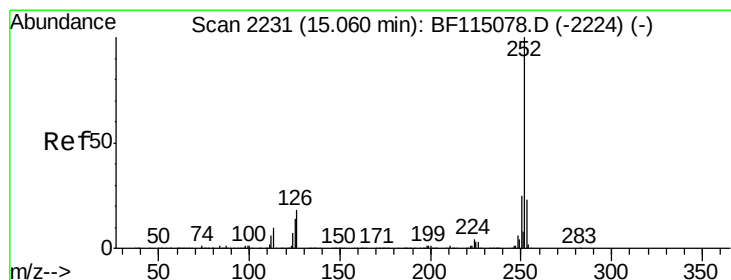
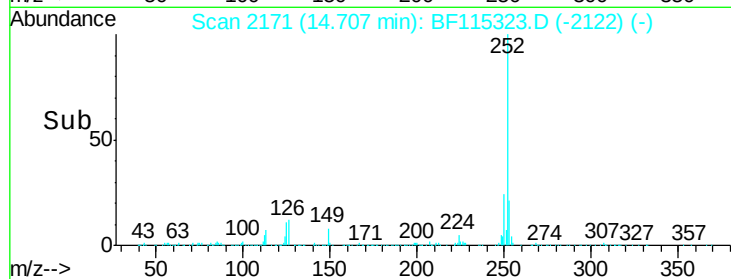
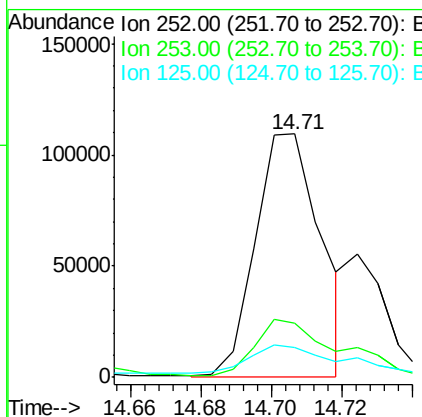
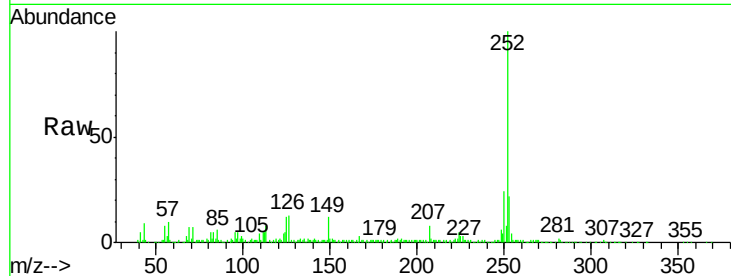
#88
Benzo(b)fluoranthene
Concen: 3.670 ng m
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Instrument :
BNA_F
ClientSampled :
RBR-200052

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	143619		
253	22.1	18.1	27.1	
125	12.5	8.7	13.1	

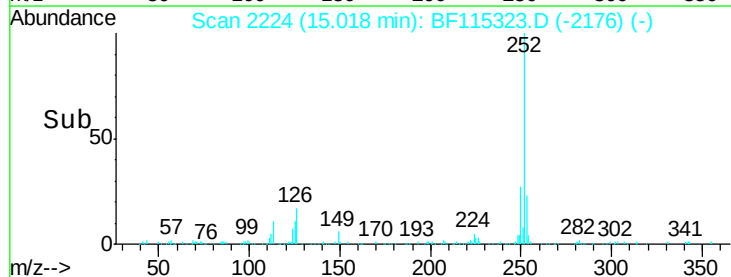
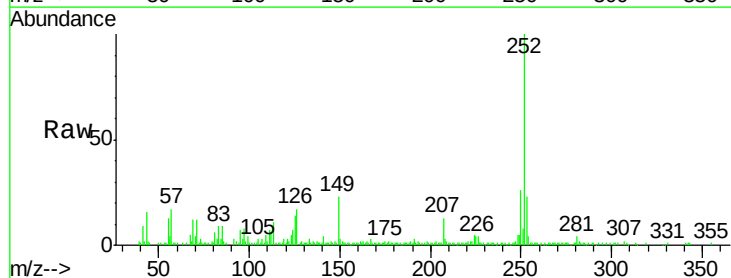
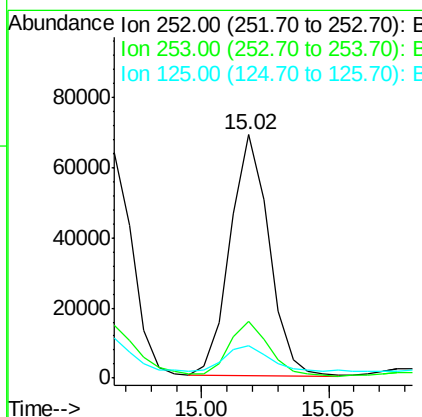
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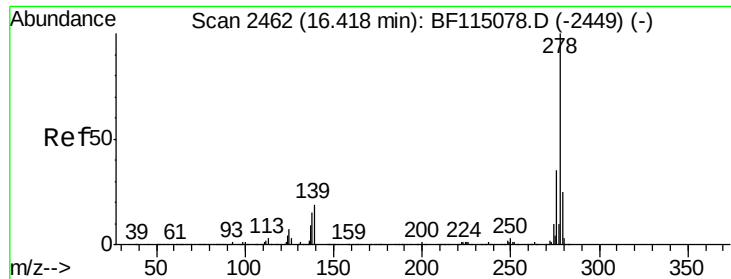
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#90
Benzo(a)pyrene
Concen: 2.081 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF115323.D
Acq: 29 Jun 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73386		
253	23.4	18.3	27.5	
125	13.5	10.9	16.3	





#91

Dibenzo(a,h)anthracene

Concen: 0.325 ng

RT: 16.34 min Scan# 2449

Delta R.T. -0.03 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Instrument :

BNA_F

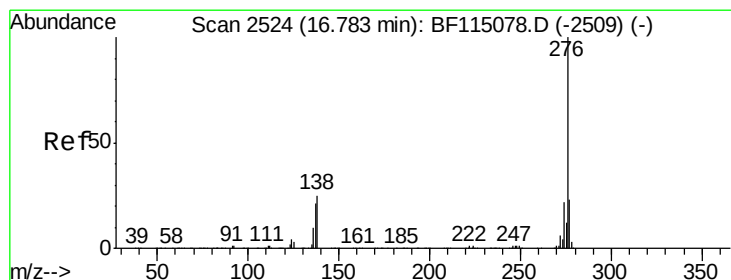
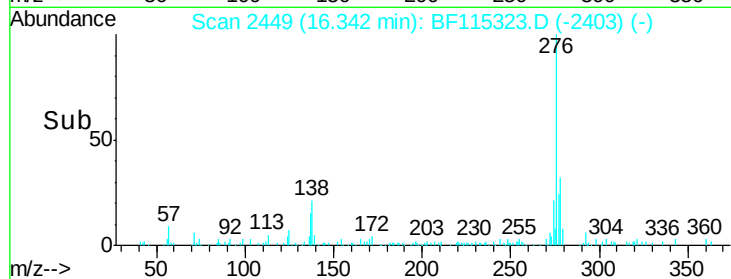
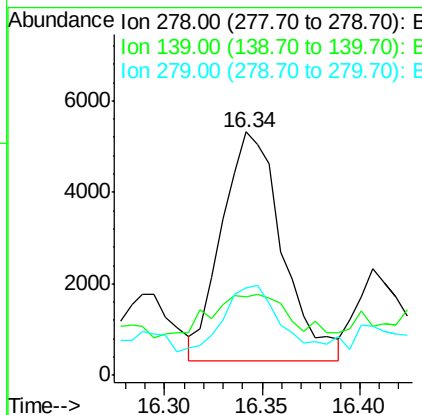
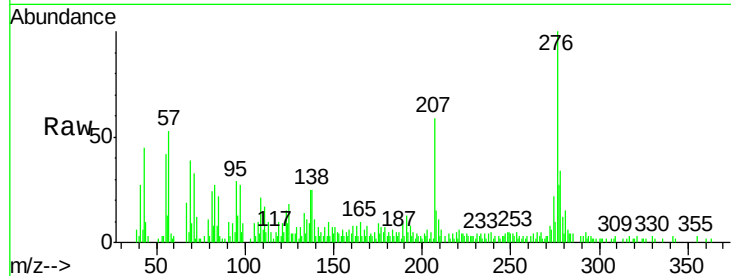
ClientSampleId :

RBR-200052

Tgt Ion:	278	Resp:	10712
Ion Ratio	Lower	Upper	
278	100		
139	32.1	15.4	23.2#
279	36.1	19.9	29.9#

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#92

Benzo(g,h,i)perylene

Concen: 1.005 ng

RT: 16.71 min Scan# 2511

Delta R.T. -0.03 min

Lab File: BF115323.D

Acq: 29 Jun 2019 15:20

Tgt Ion:	276	Resp:	33508
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	26.7	19.8	29.6

